15 SAR Test Results Summary

15.1 Standalone Head SAR Data

➢ GSM Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
1	GSM850/Voice	MAIN	Right Cheek	251	848.8	32.90	0.08	33.0	**0.320**	1.023	0.327
	GSM850/Voice	MAIN	Right Tilted	251	848.8	32.90	0.00	33.0	0.303	1.023	0.310
	GSM850/Voice	MAIN	Left Cheek	251	848.8	32.90	0.01	33.0	0.214	1.023	0.219
	GSM850/Voice	MAIN	Left Tilted	251	848.8	32.90	0.04	33.0	0.174	1.023	0.178
	GSM850/Voice	DIV	Right Cheek	251	848.8	32.58	-0.05	33.0	0.036	1.102	0.040
	GSM850/Voice	DIV	Right Tilted	251	848.8	32.58	0.14	33.0	0.064	1.102	0.071
	GSM850/Voice	DIV	Left Cheek	251	848.8	32.58	-0.12	33.0	0.061	1.102	0.068
	GSM850/Voice	DIV	Left Tilted	251	848.8	32.58	0.01	33.0	0.037	1.102	0.040
	PCS1900/Voice	MAIN	Right Cheek	661	1880	29.76	-0.11	30.0	0.928	1.057	0.981
2	PCS1900/Voice	MAIN	Right Tilted	661	1880	29.76	-0.06	30.0	**1.130**	1.057	1.194
	PCS1900/Voice	MAIN	Left Cheek	661	1880	29.76	0.02	30.0	0.535	1.057	0.565
	PCS1900/Voice	MAIN	Left Tilted	661	1880	29.76	0.06	30.0	0.776	1.057	0.820
	PCS1900/Voice	MAIN	Right Tilted	512	1850.2	29.37	0.03	30.0	0.898	1.156	1.038
	PCS1900/Voice	MAIN	Right Tilted	810	1909.8	29.47	0.04	30.0	1.030	1.13	1.164
	PCS1900/Voice	**MAIN**	**Right Tilted**	**661**	**1880**	**29.76**	**0.04**	**30.0**	**1.070**	**1.057**	**1.131**
	PCS1900/Voice	MAIN	Right Cheek	512	1850.2	29.37	0.14	30.0	0.961	1.156	1.111
	PCS1900/Voice	MAIN	Right Cheek	810	1909.8	29.47	0.03	30.0	0.822	1.13	0.929
	PCS1900/Voice	MAIN	Left Tilted	512	1850.2	29.37	0.05	30.0	0.717	1.156	0.829
	PCS1900/Voice	MAIN	Left Tilted	661	1880	29.76	0.06	30.0	0.721	1.057	0.762
	PCS1900/Voice	DIV	Right Cheek	810	1909.8	29.44	0.08	29.5	0.019	1.014	0.020
	PCS1900/Voice	DIV	Right Tilted	810	1909.8	29.44	0.09	29.5	0.043	1.014	0.044
	PCS1900/Voice	DIV	Left Cheek	810	1909.8	29.44	-0.01	29.5	0.027	1.014	0.027
	PCS1900/Voice	DIV	Left Tilted	810	1909.8	29.44	-0.07	29.5	0.019	1.014	0.019
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ WCDMA Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band II/RMC	MAIN	Right Cheek	9538	1907.6	23.03	0.00	23.5	0.838	1.114	0.934
3	Band II/RMC	MAIN	Right Tilted	9538	1907.6	23.03	0.01	23.5	**0.922**	1.114	1.027
	Band II/RMC	MAIN	Left Cheek	9538	1907.6	23.03	0.07	23.5	0.433	1.114	0.482
	Band II/RMC	MAIN	Left Tilted	9538	1907.6	23.03	0.02	23.5	0.628	1.114	0.700
	Band II/RMC	MAIN	Right Tilted	9262	1852.4	22.71	0.08	23.5	0.806	1.199	0.966
	Band II/RMC	MAIN	Right Tilted	9400	1880	22.91	0.01	23.5	0.852	1.146	0.976
	Band II/RMC	**MAIN**	**Right Tilted**	**9538**	**1907.6**	**23.03**	**0.01**	**23.5**	**0.896**	**1.114**	**0.998**
	Band II/RMC	MAIN	Right Cheek	9262	1852.4	22.71	0.00	23.5	0.694	1.199	0.832
	Band II/RMC	MAIN	Right Cheek	9400	1880	22.91	0.00	23.5	0.712	1.146	0.816
	Band II/RMC	DIV	Right Cheek	9538	1907.6	22.57	-0.05	23.0	0.027	1.104	0.030
	Band II/RMC	DIV	Right Tilted	9538	1907.6	22.57	0.13	23.0	0.060	1.104	0.066
	Band II/RMC	DIV	Left Cheek	9538	1907.6	22.57	0.04	23.0	0.037	1.104	0.041
	Band II/RMC	DIV	Left Tilted	9538	1907.6	22.57	0.09	23.0	0.027	1.104	0.029
	Band IV/RMC	MAIN	Right Cheek	1312	1712.4	22.07	-0.08	22.5	0.661	1.104	0.730
4	Band IV/RMC	MAIN	Right Tilted	1312	1712.4	22.07	0.03	22.5	**0.732**	1.104	0.808
	Band IV/RMC	MAIN	Left Cheek	1312	1712.4	22.07	0.07	22.5	0.379	1.104	0.418
	Band IV/RMC	MAIN	Left Tilted	1312	1712.4	22.07	-0.05	22.5	0.505	1.104	0.558
	Band IV/RMC	MAIN	Right Tilted	1413	1732.6	22.00	-0.05	22.5	0.698	1.122	0.783
	Band IV/RMC	MAIN	Right Tilted	1513	1752.6	21.86	0.01	22.5	0.671	1.159	0.778
	Band IV/RMC	DIV	Right Cheek	1413	1732.6	20.77	0.06	21.0	0.048	1.054	0.050
	Band IV/RMC	DIV	Right Tilted	1413	1732.6	20.77	0.03	21.0	0.050	1.054	0.052
	Band IV/RMC	DIV	Left Cheek	1413	1732.6	20.77	-0.05	21.0	0.049	1.054	0.052
	Band IV/RMC	DIV	Left Tilted	1413	1732.6	20.77	0.01	21.0	0.033	1.054	0.035
	Band V/RMC	MAIN	Right Cheek	4233	846.6	23.20	0.00	23.5	0.485	1.072	0.520
5	Band V/RMC	MAIN	Right Tilted	4233	846.6	23.20	0.03	23.5	**0.529**	1.072	0.567
	Band V/RMC	MAIN	Left Cheek	4233	846.6	23.20	0.04	23.5	0.354	1.072	0.379
	Band V/RMC	MAIN	Left Tilted	4233	846.6	23.20	0.09	23.5	0.305	1.072	0.327
	Band V/RMC	DIV	Right Cheek	4233	846.6	23.34	0.04	24.0	0.019	1.164	0.022
	Band V/RMC	DIV	Right Tilted	4233	846.6	23.34	0.07	24.0	0.033	1.164	0.038
	Band V/RMC	DIV	Left Cheek	4233	846.6	23.34	-0.15	24.0	0.032	1.164	0.037
	Band V/RMC	DIV	Left Tilted	4233	846.6	23.34	0.04	24.0	0.019	1.164	0.022
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 2(20MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band2/1RB#49	MAIN	Right Cheek	19100	1900	22.55	0.08	23.0	0.736	1.109	0.816
6	Band2/1RB#49	MAIN	Right Tilted	19100	1900	22.55	0.18	23.0	**0.802**	1.109	0.889
	Band2/1RB#49	MAIN	Left Cheek	19100	1900	22.55	0.02	23.0	0.378	1.109	0.419
	Band2/1RB#49	MAIN	Left Tilted	19100	1900	22.55	-0.04	23.0	0.548	1.109	0.608
	Band2/1RB#49	MAIN	Right Tilted	18700	1860	22.33	0.03	23.0	0.743	1.167	0.867
	Band2/1RB#49	MAIN	Right Tilted	18900	1880	22.49	0.17	23.0	0.756	1.125	0.851
	Band2/1RB#49	**MAIN**	**Right Tilted**	**19100**	**1900**	**22.55**	**0.18**	**23.0**	**0.773**	**1.109**	**0.857**
	Band2/1RB#49	MAIN	Right Cheek	18700	1900	22.33	0.08	23.0	0.671	1.167	0.783
	Band2/1RB#49	MAIN	Right Cheek	18900	1860	22.49	0.01	23.0	0.662	1.125	0.745
	Band2/1RB#49	DIV	Right Cheek	19100	1880	22.49	0.02	22.5	0.027	1.002	0.027
	Band2/1RB#49	DIV	Right Tilted	18900	1880	22.24	-0.17	22.5	0.059	1.062	0.063
	Band2/1RB#49	DIV	Left Cheek	18900	1880	22.24	0.00	22.5	0.037	1.062	0.039
	Band2/1RB#49	DIV	Left Tilted	18900	1880	22.24	0.09	22.5	0.026	1.062	0.028
	Band2/50%RB#49	MAIN	Right Cheek	19100	1900	21.51	0.02	22.0	0.699	1.119	0.782
	Band2/50%RB#49	MAIN	Right Tilted	19100	1900	21.51	0.08	22.0	0.712	1.119	0.797
	Band2/50%RB#49	MAIN	Left Cheek	19100	1900	21.51	-0.01	22.0	0.359	1.119	0.402
	Band2/50%RB#49	MAIN	Left Tilted	19100	1900	21.51	0.00	22.0	0.520	1.119	0.582
	Band2/50%RB#0	DIV	Right Cheek	18900	1880	21.40	0.07	21.5	0.024	1.023	0.025
	Band2/50%RB#0	DIV	Right Tilted	18900	1880	21.40	0.01	21.5	0.019	1.023	0.019
	Band2/50%RB#0	DIV	Left Cheek	18900	1880	21.40	-0.09	21.5	0.033	1.023	0.034
	Band2/50%RB#0	DIV	Left Tilted	18900	1880	21.40	0.02	21.5	0.023	1.023	0.024
	Band2/100%RB#0	MAIN	Right Tilted	19100	1900	21.41	0.01	21.5	0.704	1.021	0.719
	Band2/100%RB#0	MAIN	Right Cheek	19100	1900	21.41	0.02	21.5	0.645	1.021	0.659
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 4(20MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band4/1RB#49	MAIN	Right Cheek	20050	1720	22.17	0.06	22.5	0.805	1.079	0.869
7	Band4/1RB#49	MAIN	Right Tilted	20050	1720	22.17	0.00	22.5	**0.905**	1.079	0.976
	Band4/1RB#49	MAIN	Left Cheek	20050	1720	22.17	-0.04	22.5	0.461	1.079	0.497
	Band4/1RB#49	MAIN	Left Tilted	20050	1720	22.17	-0.11	22.5	0.616	1.079	0.665
	Band4/1RB#49	MAIN	Right Cheek	20175	1732.5	21.98	0.00	22.5	0.754	1.127	0.850
	Band4/1RB#49	MAIN	Right Cheek	20300	1745	22.10	0.07	22.5	0.773	1.096	0.847
	Band4/1RB#49	MAIN	Right Tilted	20175	1732.5	21.98	0.10	22.5	0.852	1.127	0.960
	Band4/1RB#49	MAIN	Right Tilted	20300	1745	22.10	0.02	22.5	0.821	1.096	0.900
	Band4/1RB#49	**MAIN**	**Right Tilted**	**20050**	**1720**	**22.17**	**-0.13**	**22.5**	**0.857**	**1.079**	**0.925**
	Band4/1RB#49	DIV	Right Cheek	20300	1745	20.72	-0.03	21.0	0.049	1.067	0.052
	Band4/1RB#49	DIV	Right Tilted	20300	1745	20.72	0.13	21.0	0.051	1.067	0.055
	Band4/1RB#49	DIV	Left Cheek	20300	1745	20.72	-0.01	21.0	0.051	1.067	0.054
	Band4/1RB#49	DIV	Left Tilted	20300	1745	20.72	-0.01	21.0	0.034	1.067	0.036
	Band4/50%RB#49	MAIN	Right Cheek	20050	1720	21.06	0.09	21.5	0.712	1.107	0.788
	Band4/50%RB#49	MAIN	Right Tilted	20050	1720	21.06	-0.03	21.5	0.722	1.107	0.799
	Band4/50%RB#49	MAIN	Left Cheek	20050	1720	21.06	0.01	21.5	0.412	1.107	0.456
	Band4/50%RB#49	MAIN	Left Tilted	20050	1720	21.06	-0.15	21.5	0.583	1.107	0.645
	Band4/50%RB#0	DIV	Right Cheek	20300	1745	19.49	0.14	19.5	0.041	1.002	0.041
	Band4/50%RB#0	DIV	Right Tilted	20300	1745	19.49	0.02	19.5	0.048	1.002	0.048
	Band4/50%RB#0	DIV	Left Cheek	20300	1745	19.49	0.00	19.5	0.046	1.002	0.046
	Band4/50%RB#0	DIV	Left Tilted	20300	1745	19.49	0.05	19.5	0.030	1.002	0.030
	Band4/100%RB#0	MAIN	Right Cheek	20175	1732.5	21.02	0.08	21.5	0.707	1.117	0.790
	Band4/100%RB#0	MAIN	Right Tilted	20175	1732.5	21.02	0.01	21.5	0.715	1.117	0.799
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 5(10MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
8	Band5/1RB#24	MAIN	Right Cheek	20450	829	23.69	0.08	24.0	**0.597**	1.074	0.641
	Band5/1RB#24	MAIN	Right Tilted	20450	829	23.69	0.10	24.0	0.548	1.074	0.589
	Band5/1RB#24	MAIN	Left Cheek	20450	829	23.69	0.17	24.0	0.400	1.074	0.430
	Band5/1RB#24	MAIN	Left Tilted	20450	829	23.69	-0.02	24.0	0.319	1.074	0.343
	Band5/1RB#24	DIV	Right Cheek	20450	829	23.31	0.08	23.5	0.059	1.045	0.061
	Band5/1RB#24	DIV	Right Tilted	20450	829	23.31	0.08	23.5	0.033	1.045	0.034
	Band5/1RB#24	DIV	Left Cheek	20450	829	23.31	0.02	23.5	0.056	1.045	0.059
	Band5/1RB#24	DIV	Left Tilted	20450	829	23.31	0.20	23.5	0.033	1.045	0.035
	Band5/50%RB#24	MAIN	Right Cheek	20525	836.5	22.34	0.07	22.5	0.567	1.038	0.589
	Band5/50%RB#24	MAIN	Right Tilted	20525	836.5	22.34	0.00	22.5	0.520	1.038	0.540
	Band5/50%RB#24	MAIN	Left Cheek	20525	836.5	22.34	0.05	22.5	0.379	1.038	0.393
	Band5/50%RB#24	MAIN	Left Tilted	20525	836.5	22.34	0.01	22.5	0.302	1.038	0.313
	Band5/50%RB#0	DIV	Right Cheek	20525	836.5	22.39	-0.06	22.5	0.051	1.026	0.052
	Band5/50%RB#0	DIV	Right Tilted	20525	836.5	22.39	0.18	22.5	0.029	1.026	0.030
	Band5/50%RB#0	DIV	Left Cheek	20525	836.5	22.39	0.01	22.5	0.048	1.026	0.049
	Band5/50%RB#0	DIV	Left Tilted	20525	836.5	22.39	0.05	22.5	0.027	1.026	0.028
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 7(20MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band7/1RB#49	MAIN	Right Cheek	20850	2510	23.42	0.04	23.5	0.390	1.019	0.397
9	Band7/1RB#49	MAIN	Right Tilted	20850	2510	23.42	0.02	23.5	**0.392**	1.019	0.399
	Band7/1RB#49	MAIN	Left Cheek	20850	2510	23.42	0.14	23.5	0.151	1.019	0.154
	Band7/1RB#49	MAIN	Left Tilted	20850	2510	23.42	0.07	23.5	0.150	1.019	0.153
	Band7/1RB#49	DIV	Right Cheek	20850	2510	22.58	0.03	23.0	0.082	1.102	0.090
	Band7/1RB#49	DIV	Right Tilted	20850	2510	22.58	-0.03	23.0	0.074	1.102	0.082
	Band7/1RB#49	DIV	Left Cheek	20850	2510	22.58	-0.08	23.0	0.158	1.102	0.174
	Band7/1RB#49	DIV	Left Tilted	20850	2510	22.58	-0.06	23.0	0.043	1.102	0.047
	Band7/50%RB#0	MAIN	Right Cheek	20850	2510	21.66	0.06	22.0	0.339	1.081	0.366
	Band7/50%RB#0	MAIN	Right Tilted	20850	2510	21.66	-0.13	22.0	0.341	1.081	0.369
	Band7/50%RB#0	MAIN	Left Cheek	20850	2510	21.66	0.11	22.0	0.131	1.081	0.142
	Band7/50%RB#0	MAIN	Left Tilted	20850	2510	21.66	0.01	22.0	0.130	1.081	0.141
	Band7/50%RB#24	DIV	Right Cheek	20850	2510	21.44	0.15	21.5	0.078	1.014	0.079
	Band7/50%RB#24	DIV	Right Tilted	20850	2510	21.44	0.07	21.5	0.032	1.014	0.032
	Band7/50%RB#24	DIV	Left Cheek	20850	2510	21.44	0.10	21.5	0.154	1.014	0.156
	Band7/50%RB#24	DIV	Left Tilted	20850	2510	21.44	0.02	21.5	0.039	1.014	0.040
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ TDD-LTE Band41(20MHz) QPSK Head SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	Band41/1RB#49	MAIN	Right Cheek	41140	2645	23.33	0.05	23.5	0.204	1.04	1.008	0.214
10	Band41/1RB#49	MAIN	Right Tilted	41140	2645	23.33	0.12	23.5	**0.206**	1.04	1.008	0.216
	Band41/1RB#49	MAIN	Left Cheek	41140	2645	23.33	-0.03	23.5	0.079	1.04	1.008	0.083
	Band41/1RB#49	MAIN	Left Tilted	41140	2645	23.33	0.02	23.5	0.079	1.04	1.008	0.083
	Band41/1RB#49	DIV	Right Cheek	40140	2545	23.06	0.01	23.5	0.012	1.107	1.008	0.014
	Band41/1RB#49	DIV	Right Tilted	40140	2545	23.06	0.00	23.5	0.024	1.107	1.008	0.027
	Band41/1RB#49	DIV	Left Cheek	40140	2545	23.06	0.07	23.5	0.011	1.107	1.008	0.012
	Band41/1RB#49	DIV	Left Tilted	40140	2545	23.06	0.09	23.5	0.006	1.107	1.008	0.007
	Band41/50%RB#0	MAIN	Right Cheek	41140	2645	22.21	0.05	22.5	0.159	1.069	1.008	0.171
	Band41/50%RB#0	MAIN	Right Tilted	41140	2645	22.21	0.01	22.5	0.161	1.069	1.008	0.173
	Band41/50%RB#0	MAIN	Left Cheek	41140	2645	22.21	0.00	22.5	0.062	1.069	1.008	0.067
	Band41/50%RB#0	MAIN	Left Tilted	41140	2645	22.21	0.11	22.5	0.062	1.069	1.008	0.066
	Band41/50%RB#0	DIV	Right Cheek	41140	2645	21.94	-0.08	22.0	0.009	1.014	1.008	0.009
	Band41/50%RB#0	DIV	Right Tilted	41140	2645	21.94	0.01	22.0	0.019	1.014	1.008	0.019
	Band41/50%RB#0	DIV	Left Cheek	41140	2645	21.94	0.04	22.0	0.008	1.014	1.008	0.008
	Band41/50%RB#0	DIV	Left Tilted	41140	2645	21.94	0.02	22.0	0.004	1.014	1.008	0.004
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 2.4 GHz Head SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	2.4GHz/802.11b	Right Cheek	6	2437	15.22	0.04	15.5	0.098	1.067	1.000	0.104
	2.4GHz/802.11b	Right Tilted	6	2437	15.22	-0.07	15.5	0.114	1.067	1.000	0.122
11	2.4GHz/802.11b	Left Cheek	6	2437	15.22	0.07	15.5	**0.236**	1.067	1.000	0.252
	2.4GHz/802.11b	Left Tilted	6	2437	15.22	0.05	15.5	0.201	1.067	1.000	0.214
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.2 GHz Head SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.2GHz/802.11a	Right Cheek	48	5240	13.85	0.03	14.0	0.117	1.035	1.000	0.121
	5.2GHz/802.11a	Right Tilted	48	5240	13.85	-0.09	14.0	0.158	1.035	1.000	0.164
12	5.2GHz/802.11a	Left Cheek	48	5240	13.85	0.01	14.0	**0.284**	1.035	1.000	0.294
	5.2GHz/802.11a	Left Tilted	48	5240	13.85	0.01	14.0	0.241	1.035	1.000	0.249
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.3 GHz Head SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.3GHz/802.11a	Right Cheek	56	5280	14.07	0.02	14.5	0.106	1.104	1.000	0.117
	5.3GHz/802.11a	Right Tilted	56	5280	14.07	-0.05	14.5	0.127	1.104	1.000	0.140
13	5.3GHz/802.11a	Left Cheek	56	5280	14.07	-0.08	14.5	**0.389**	1.104	1.000	0.429
	5.3GHz/802.11a	Left Tilted	56	5280	14.07	0.07	14.5	0.331	1.104	1.000	0.365
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.6 GHz Head SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.6GHz/802.11a	Right Cheek	100	5500	15.26	0.01	15.5	0.140	1.057	1.000	0.148
	5.6GHz/802.11a	Right Tilted	100	5500	15.26	-0.15	15.5	0.164	1.057	1.000	0.173
14	5.6GHz/802.11a	Left Cheek	100	5500	15.26	0.00	15.5	**0.340**	1.057	1.000	0.359
	5.6GHz/802.11a	Left Tilted	100	5500	15.26	0.06	15.5	0.289	1.057	1.000	0.305
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.8 GHz Head SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.8GHz/802.11a	Right Cheek	157	5785	14.41	0.07	14.5	0.145	1.021	1.000	0.148
	5.8GHz/802.11a	Right Tilted	157	5785	14.41	0.00	14.5	0.208	1.021	1.000	0.212
15	5.8GHz/802.11a	Left Cheek	157	5785	14.41	-0.06	14.5	**0.353**	1.021	1.000	0.360
	5.8GHz/802.11a	Left Tilted	157	5785	14.41	0.01	14.5	0.300	1.021	1.000	0.306
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ Bluetooth Head SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	BT/GFSK	Right Cheek	0	2402	7.66	-0.02	8.0	0.005	1.082	1.000	0.005
	BT/GFSK	Right Tilted	0	2402	7.66	0.04	8.0	0.007	1.082	1.000	0.008
16	BT/GFSK	Left Cheek	0	2402	7.66	-0.02	8.0	**0.016**	1.082	1.000	0.018
	BT/GFSK	Left Tilted	0	2402	7.66	0.05	8.0	0.009	1.082	1.000	0.010
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

Note:

1. Per KDB 447498 D04v01, for each exposure position, if the highest output power channel Reported SAR ≤ 0.8W/kg, other channels SAR testing is not necessary.
2. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is ≥ 0.8W/kg.
3. Per KDB 941225 D05v02r05, 100% RB allocation SAR measurement is not required when the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg.
4. Per KDB 248227 D01v02r02, for 802.11b DSSS , when the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in that exposure configuration.
5. Per KDB 248227 D01v02r02, OFDM SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg. Cuz the maximum output power specified for OFDM and DSSS are 19.95mW(13.0dBm) and 35.48mW(15.5dBm), the scaled SAR would be 0.444×(19.95/35.48)=0.142W/Kg<1.2 W/kg, therefore, SAR is not required for OFDM.
6. According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination
7. Highlight part of test data means repeated test.
8. *: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show “<0.001* W/Kg” in the report.

15.2 Standalone Body SAR

➢ GSM Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	GPRS850/2 slots	MAIN	Front	251	848.8	31.93	0.01	32.0	0.059	1.016	0.060
	GPRS850/2 slots	MAIN	Back	251	848.8	31.93	0.04	32.0	0.103	1.016	0.105
	GPRS850/2 slots	DIV	Front	251	848.8	31.56	-0.01	32.0	0.051	1.107	0.056
17	GPRS850/2 slots	DIV	Back	251	848.8	31.56	0.03	32.0	**0.245**	1.107	0.271
	GPRS1900/2 slots	MAIN	Front	661	1880	28.33	0.01	28.5	0.316	1.040	0.329
18	GPRS1900/2 slots	MAIN	Back	661	1880	28.33	0.09	28.5	**0.516**	1.040	0.537
	GPRS1900/2 slots	DIV	Front	810	1909.8	28.26	0.08	28.5	0.094	1.057	0.099
	GPRS1900/2 slots	DIV	Back	810	1909.8	28.26	0.00	28.5	0.472	1.057	0.499
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ WCDMA Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band II/RMC	MAIN	Front	9538	1907.6	23.03	-0.13	23.5	0.381	1.114	0.424
19	Band II/RMC	MAIN	Back	9538	1907.6	23.03	0.01	23.5	**0.663**	1.114	0.739
	Band II/RMC	DIV	Front	9538	1907.6	22.57	0.14	23.0	0.096	1.104	0.106
	Band II/RMC	DIV	Back	9538	1907.6	22.57	0.04	23.0	0.482	1.104	0.532
	Band IV/RMC	MAIN	Front	1312	1712.4	22.07	0.00	22.5	0.169	1.104	0.187
	Band IV/RMC	MAIN	Back	1312	1712.4	22.07	0.06	22.5	0.296	1.104	0.327
	Band IV/RMC	DIV	Front	1413	1732.6	20.77	0.14	21.0	0.082	1.054	0.086
20	Band IV/RMC	DIV	Back	1413	1732.6	20.77	-0.01	21.0	**0.410**	1.054	0.432
	Band V/RMC	MAIN	Front	4233	846.6	23.20	-0.01	23.5	0.080	1.072	0.086
	Band V/RMC	MAIN	Back	4233	846.6	23.20	0.08	23.5	0.140	1.072	0.150
	Band V/RMC	DIV	Front	4233	846.6	23.34	-0.07	24.0	0.031	1.164	0.036
21	Band V/RMC	DIV	Back	4233	846.6	23.34	-0.01	24.0	**0.155**	1.164	0.180
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 2(20MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band2/1RB#49	MAIN	Front	19100	1900	22.55	0.11	23.0	0.325	1.109	0.360
22	Band2/1RB#49	MAIN	Back	19100	1900	22.55	0.19	23.0	**0.565**	1.109	0.627
	Band2/1RB#49	DIV	Front	18900	1880	22.24	0.07	22.5	0.090	1.062	0.096
	Band2/1RB#49	DIV	Back	18900	1880	22.24	0.05	22.5	0.453	1.062	0.481
	Band2/50%RB#49	MAIN	Front	19100	1900	21.51	0.01	22.0	0.293	1.119	0.328
	Band2/50%RB#49	MAIN	Back	19100	1900	21.51	0.07	22.0	0.511	1.119	0.572
	Band2/50%RB#49	DIV	Front	18900	1880	21.40	0.06	21.5	0.079	1.023	0.081
	Band2/50%RB#49	DIV	Back	18900	1880	21.40	0.02	21.5	0.397	1.023	0.406
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 4(20MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band4/1RB#49	MAIN	Front	20050	1720	22.17	0.07	22.5	0.210	1.079	0.227
	Band4/1RB#49	MAIN	Back	20050	1720	22.17	-0.01	22.5	0.366	1.079	0.395
	Band4/1RB#49	DIV	Front	20300	1745	20.72	0.03	21.0	0.086	1.067	0.091
23	Band4/1RB#49	DIV	Back	20300	1745	20.72	0.02	21.0	**0.429**	1.067	0.458
	Band4/50%RB#49	MAIN	Front	20050	1720	21.06	-0.08	21.5	0.162	1.107	0.179
	Band4/50%RB#49	MAIN	Back	20050	1720	21.06	0.02	21.5	0.283	1.107	0.313
	Band4/50%RB#0	DIV	Front	20300	1745	19.49	0.07	19.5	0.077	1.002	0.077
	Band4/50%RB#0	DIV	Back	20300	1745	19.49	-0.01	19.5	0.386	1.002	0.387
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 5(10MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band5/1RB#24	MAIN	Front	20450	829	23.69	0.01	24.0	0.112	1.074	0.120
24	Band5/1RB#24	MAIN	Back	20450	829	23.69	0.16	24.0	**0.196**	1.074	0.211
	Band5/1RB#24	DIV	Front	20450	829	23.31	0.06	23.5	0.033	1.045	0.034
	Band5/1RB#24	DIV	Back	20450	829	23.31	-0.02	23.5	0.166	1.045	0.173
	Band5/50%RB#24	MAIN	Front	20525	836.5	22.34	0.06	22.5	0.090	1.038	0.094
	Band5/50%RB#24	MAIN	Back	20525	836.5	22.34	0.05	22.5	0.157	1.038	0.163
	Band5/50%RB#0	DIV	Front	20525	836.5	22.39	-0.03	22.5	0.026	1.026	0.026
	Band5/50%RB#0	DIV	Back	20525	836.5	22.39	0.14	22.5	0.129	1.026	0.132
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 7(20MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band7/1RB#49	MAIN	Front	20850	2510	23.42	0.05	23.5	0.158	1.019	0.161
	Band7/1RB#49	MAIN	Back	20850	2510	23.42	0.14	23.5	0.277	1.019	0.282
	Band7/1RB#49	DIV	Front	20850	2510	22.58	0.01	23.0	0.085	1.102	0.093
25	Band7/1RB#49	DIV	Back	20850	2510	22.58	-0.05	23.0	**0.426**	1.102	0.469
	Band7/50%RB#0	MAIN	Front	20850	2510	21.66	0.01	22.0	0.129	1.081	0.139
	Band7/50%RB#0	MAIN	Back	20850	2510	21.66	0.05	22.0	0.225	1.081	0.243
	Band7/50%RB#24	DIV	Front	20850	2510	21.44	0.07	21.5	0.073	1.014	0.074
	Band7/50%RB#24	DIV	Back	20850	2510	21.44	0.01	21.5	0.368	1.014	0.373
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ TDD-LTE Band 41(20MHz) QPSK Body SAR

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	Band41/1RB#49	MAIN	Front	41140	2645	23.33	0.05	23.5	0.057	1.040	1.008	0.060
	Band41/1RB#49	MAIN	Back	41140	2645	23.33	0.03	23.5	0.100	1.040	1.008	0.105
	Band41/1RB#49	DIV	Front	40140	2545	23.06	0.01	23.5	0.041	1.107	1.008	0.045
26	Band41/1RB#49	DIV	Back	40140	2545	23.06	0.04	23.5	**0.204**	1.107	1.008	0.228
	Band41/50%RB#0	MAIN	Front	41140	2645	22.21	0.17	22.5	0.052	1.069	1.008	0.056
	Band41/50%RB#0	MAIN	Back	41140	2645	22.21	0.05	22.5	0.091	1.069	1.008	0.098
	Band41/50%RB#0	DIV	Front	41140	2645	21.94	0.11	22.0	0.032	1.014	1.008	0.032
	Band41/50%RB#0	DIV	Back	41140	2645	21.94	0.01	22.0	0.159	1.014	1.008	0.163
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 2.4GHz Body SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	2.4GHz/802.11b	Front	6	2437	15.22	-0.01	15.5	0.042	1.067	1.000	0.044
27	2.4GHz/802.11b	Back	6	2437	15.22	-0.03	15.5	**0.088**	1.067	1.000	0.094
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.2GHz Body SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.2GHz/802.11a	Front	48	5240	13.85	0.03	14.0	0.037	1.035	1.000	0.038
28	5.2GHz/802.11a	Back	48	5240	13.85	-0.09	14.0	0.162	1.035	1.000	0.168
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.3GHz Body SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.3GHz/802.11a	Front	56	5280	14.07	0.17	14.5	0.038	1.104	1.000	0.042
29	5.3GHz/802.11a	Back	56	5280	14.07	-0.02	14.5	0.179	1.104	1.000	0.198
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.6GHz Body SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.6GHz/802.11a	Front	100	5500	15.26	0.07	15.5	0.070	1.057	1.000	0.074
30	5.6GHz/802.11a	Back	100	5500	15.26	0.00	15.5	**0.333**	1.057	1.000	0.352
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.8GHz Wi-Fi Body SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.8GHz/802.11a	Front	157	5785	14.41	0.04	14.5	0.077	1.021	1.000	0.079
31	5.8GHz/802.11a	Back	157	5785	14.41	0.00	14.5	0.367	1.021	1.000	0.375
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ Bluetooth Body SAR

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	BT/GFSK	Front	0	2402	7.657	-0.01	8.0	0.002	1.082	1.000	0.002
32	BT/GFSK	Back	0	2402	7.657	0.06	8.0	**0.006**	1.082	1.000	0.006
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

Note:

1. Body-worn SAR testing was performed at 10mm separation, and this distance is determined by the handset manufacturer that there will be body-worn accessories that users may acquire at the time of equipment certification, to enable users to purchase aftermarket body-worn accessories with the required minimum separation.
2. Per KDB 941225 D06v02r01, when the same wireless modes and device transmission configurations are required for testing body-worn accessories and hotspot mode, it is not necessary to test body-worn accessory SAR for the same device orientation if the test separation distance for hotspot mode is more conservative than that used for body-worn accessories.
3. Body-worn exposure conditions are intended to voice call operations, therefore GSM voice call is selected to be tested.
4. Per KDB 648474 D04v01r03, when the *Reported* SAR for a body-worn accessory measured without a headset connected to the handset is ≤ 1.2 W/kg, SAR testing with a headset connected to the handset is not required.
5. The WLAN SAR perform the front and back position, due considered the simultaneous SAR for body-worn.
6. Per KDB 447498 D04v01, for each exposure position, if the highest output channel Reported SAR ≤0.8W/kg, other channels SAR testing is not necessary.
7. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is ≥0.8W/kg.
8. Per KDB 941225 D05v02r05, 100% RB allocation SAR measurement is not required when the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg.
9. According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
10. Highlight part of test data means repeated test.
11. *: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show “<0.001* W/Kg” in the report.

15.3 Body SAR in Hotspot Mode

- GSM Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	GPRS850/2 slots	MAIN	Front	251	848.8	31.93	0.01	32.0	0.059	1.016	0.060
	GPRS850/2 slots	MAIN	Back	251	848.8	31.93	0.04	32.0	0.103	1.016	0.105
	GPRS850/2 slots	MAIN	Left	251	848.8	31.93	0.05	32.0	0.038	1.016	0.039
	GPRS850/2 slots	MAIN	Top	251	848.8	31.93	0.09	32.0	0.095	1.016	0.097
	GPRS850/2 slots	DIV	Front	251	848.8	31.56	-0.01	32.0	0.051	1.107	0.056
17	GPRS850/2 slots	DIV	Back	251	848.8	31.56	0.03	32.0	**0.245**	1.107	0.271
	GPRS850/2 slots	DIV	Left	251	848.8	31.56	0.04	32.0	0.034	1.107	0.038
	GPRS850/2 slots	DIV	Right	251	848.8	31.56	0.05	32.0	0.009	1.107	0.010
	GPRS850/2 slots	DIV	Bottom	251	848.8	31.56	0.00	32.0	0.102	1.107	0.113
	GPRS1900/2 slots	MAIN	Front	661	1880	28.33	0.01	28.5	0.316	1.040	0.329
18	GPRS1900/2 slots	MAIN	Back	661	1880	28.33	0.09	28.5	**0.516**	1.040	0.537
	GPRS1900/2 slots	MAIN	Left	661	1880	28.33	-0.04	28.5	0.205	1.040	0.213
	GPRS1900/2 slots	MAIN	Top	661	1880	28.33	0.06	28.5	0.509	1.040	0.529
	GPRS1900/2 slots	DIV	Front	810	1909.8	28.26	0.08	28.5	0.094	1.057	0.099
	GPRS1900/2 slots	DIV	Back	810	1909.8	28.26	0.00	28.5	0.472	1.057	0.499
	GPRS1900/2 slots	DIV	Left	810	1909.8	28.26	0.02	28.5	0.062	1.057	0.065
	GPRS1900/2 slots	DIV	Right	810	1909.8	28.26	0.01	28.5	0.017	1.057	0.018
	GPRS1900/2 slots	DIV	Bottom	810	1909.8	28.26	0.07	28.5	0.186	1.057	0.197
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

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➢ WCDMA Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band II/RMC	MAIN	Front	9538	1907.6	23.03	-0.13	23.5	0.381	1.114	0.424
19	Band II/RMC	MAIN	Back	9538	1907.6	23.03	0.01	23.5	**0.663**	1.114	0.739
	Band II/RMC	MAIN	Left	9538	1907.6	23.03	0.05	23.5	0.247	1.114	0.275
	Band II/RMC	MAIN	Top	9538	1907.6	23.03	0.01	23.5	0.613	1.114	0.683
	Band II/RMC	DIV	Front	9538	1907.6	22.57	0.14	23.0	0.096	1.104	0.106
	Band II/RMC	DIV	Back	9538	1907.6	22.57	0.04	23.0	0.482	1.104	0.532
	Band II/RMC	DIV	Left	9538	1907.6	22.57	0.03	23.0	0.063	1.104	0.070
	Band II/RMC	DIV	Right	9538	1907.6	22.57	-0.05	23.0	0.018	1.104	0.020
	Band II/RMC	DIV	Bottom	9538	1907.6	22.57	0.05	23.0	0.190	1.104	0.210
	Band IV/RMC	MAIN	Front	1312	1712.4	22.07	0.00	22.5	0.169	1.104	0.187
	Band IV/RMC	MAIN	Back	1312	1712.4	22.07	0.06	22.5	0.296	1.104	0.327
	Band IV/RMC	MAIN	Left	1312	1712.4	22.07	0.07	22.5	0.131	1.104	0.145
	Band IV/RMC	MAIN	Top	1312	1712.4	22.07	0.09	22.5	0.273	1.104	0.301
	Band IV/RMC	DIV	Front	1413	1732.6	20.77	0.14	21.0	0.082	1.054	0.086
20	Band IV/RMC	DIV	Back	1413	1732.6	20.77	-0.01	21.0	**0.410**	1.054	0.432
	Band IV/RMC	DIV	Left	1413	1732.6	20.77	0.12	21.0	0.054	1.054	0.056
	Band IV/RMC	DIV	Right	1413	1732.6	20.77	0.02	21.0	0.015	1.054	0.016
	Band IV/RMC	DIV	Bottom	1413	1732.6	20.77	0.03	21.0	0.161	1.054	0.170
	Band V/RMC	MAIN	Front	4233	846.6	23.20	-0.01	23.5	0.080	1.072	0.086
	Band V/RMC	MAIN	Back	4233	846.6	23.20	0.08	23.5	0.140	1.072	0.150
	Band V/RMC	MAIN	Left	4233	846.6	23.20	0.06	23.5	0.052	1.072	0.056
	Band V/RMC	MAIN	Top	4233	846.6	23.20	0.07	23.5	0.129	1.072	0.138
	Band V/RMC	DIV	Front	4233	846.6	23.34	-0.07	24.0	0.031	1.164	0.036
21	Band V/RMC	DIV	Back	4233	846.6	23.34	-0.01	24.0	**0.155**	1.164	0.180
	Band V/RMC	DIV	Left	4233	846.6	23.34	0.05	24.0	0.020	1.164	0.023
	Band V/RMC	DIV	Right	4233	846.6	23.34	0.00	24.0	0.006	1.164	0.007
	Band V/RMC	DIV	Bottom	4233	846.6	23.34	0.13	24.0	0.061	1.164	0.071
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 2(20MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band2/1RB#49	MAIN	Front	19100	1900	22.55	0.11	23.0	0.325	1.109	0.360
22	Band2/1RB#49	MAIN	Back	19100	1900	22.55	0.19	23.0	**0.565**	1.109	0.627
	Band2/1RB#49	MAIN	Left	19100	1900	22.55	0.02	23.0	0.211	1.109	0.234
	Band2/1RB#49	MAIN	Top	19100	1900	22.55	-0.11	23.0	0.523	1.109	0.580
	Band2/1RB#49	DIV	Front	18900	1880	22.24	0.07	22.5	0.090	1.062	0.096
	Band2/1RB#49	DIV	Back	18900	1880	22.24	0.05	22.5	0.453	1.062	0.481
	Band2/1RB#49	DIV	Left	18900	1880	22.24	0.20	22.5	0.059	1.062	0.063
	Band2/1RB#49	DIV	Right	18900	1880	22.24	0.05	22.5	0.017	1.062	0.018
	Band2/1RB#49	DIV	Bottom	18900	1880	22.24	-0.04	22.5	0.179	1.062	0.190
	Band2/50%RB#49	MAIN	Front	19100	1900	21.51	0.01	22.0	0.293	1.119	0.328
	Band2/50%RB#49	MAIN	Back	19100	1900	21.51	0.07	22.0	0.511	1.119	0.572
	Band2/50%RB#49	MAIN	Left	19100	1900	21.51	-0.01	22.0	0.190	1.119	0.213
	Band2/50%RB#49	MAIN	Top	19100	1900	21.51	0.05	22.0	0.473	1.119	0.529
	Band2/50%RB#49	DIV	Front	18900	1880	21.40	0.06	21.5	0.079	1.023	0.081
	Band2/50%RB#49	DIV	Back	18900	1880	21.40	0.02	21.5	0.397	1.023	0.406
	Band2/50%RB#49	DIV	Left	18900	1880	21.40	0.13	21.5	0.052	1.023	0.053
	Band2/50%RB#49	DIV	Right	18900	1880	21.40	-0.05	21.5	0.015	1.023	0.015
	Band2/50%RB#49	DIV	Bottom	18900	1880	21.40	-0.01	21.5	0.156	1.023	0.160
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 4(20MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band4/1RB#49	MAIN	Front	20050	1720	22.17	0.07	22.5	0.210	1.079	0.227
	Band4/1RB#49	MAIN	Back	20050	1720	22.17	-0.01	22.5	0.366	1.079	0.395
	Band4/1RB#49	MAIN	Left	20050	1720	22.17	0.05	22.5	0.163	1.079	0.176
	Band4/1RB#49	MAIN	Top	20050	1720	22.17	0.15	22.5	0.338	1.079	0.365
	Band4/1RB#49	DIV	Front	20300	1745	20.72	0.03	21.0	0.086	1.067	0.091
23	Band4/1RB#49	DIV	Back	20300	1745	20.72	0.02	21.0	**0.429**	1.067	0.458
	Band4/1RB#49	DIV	Left	20300	1745	20.72	0.04	21.0	0.056	1.067	0.060
	Band4/1RB#49	DIV	Right	20300	1745	20.72	0.14	21.0	0.016	1.067	0.017
	Band4/1RB#49	DIV	Bottom	20300	1745	20.72	0.09	21.0	0.169	1.067	0.180
	Band4/50%RB#49	MAIN	Front	20050	1720	21.06	-0.08	21.5	0.162	1.107	0.179
	Band4/50%RB#49	MAIN	Back	20050	1720	21.06	0.02	21.5	0.283	1.107	0.313
	Band4/50%RB#49	MAIN	Left	20050	1720	21.06	0.01	21.5	0.126	1.107	0.139
	Band4/50%RB#49	MAIN	Top	20050	1720	21.06	0.00	21.5	0.261	1.107	0.289
	Band4/50%RB#0	DIV	Front	20300	1745	19.49	0.07	19.5	0.077	1.002	0.077
	Band4/50%RB#0	DIV	Back	20300	1745	19.49	-0.01	19.5	0.386	1.002	0.387
	Band4/50%RB#0	DIV	Left	20300	1745	19.49	0.05	19.5	0.050	1.002	0.051
	Band4/50%RB#0	DIV	Right	20300	1745	19.49	0.09	19.5	0.014	1.002	0.014
	Band4/50%RB#0	DIV	Bottom	20300	1745	19.49	0.18	19.5	0.152	1.002	0.152
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 5(10MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band5/1RB#24	MAIN	Front	20450	829	23.69	0.01	24.0	0.112	1.074	0.120
24	Band5/1RB#24	MAIN	Back	20450	829	23.69	0.16	24.0	**0.196**	1.074	0.211
	Band5/1RB#24	MAIN	Left	20450	829	23.69	0.07	24.0	0.073	1.074	0.079
	Band5/1RB#24	MAIN	Top	20450	829	23.69	-0.14	24.0	0.181	1.074	0.194
	Band5/1RB#24	DIV	Front	20450	829	23.31	0.06	23.5	0.033	1.045	0.034
	Band5/1RB#24	DIV	Back	20450	829	23.31	-0.02	23.5	0.166	1.045	0.173
	Band5/1RB#24	DIV	Left	20450	829	23.31	0.05	23.5	0.022	1.045	0.023
	Band5/1RB#24	DIV	Right	20450	829	23.31	-0.02	23.5	0.006	1.045	0.006
	Band5/1RB#24	DIV	Bottom	20450	829	23.31	0.08	23.5	0.066	1.045	0.068
	Band5/50%RB#24	MAIN	Front	20525	836.5	22.34	0.06	22.5	0.090	1.038	0.094
	Band5/50%RB#24	MAIN	Back	20525	836.5	22.34	0.05	22.5	0.157	1.038	0.163
	Band5/50%RB#24	MAIN	Left	20525	836.5	22.34	0.01	22.5	0.059	1.038	0.061
	Band5/50%RB#24	MAIN	Top	20525	836.5	22.34	0.09	22.5	0.145	1.038	0.151
	Band5/50%RB#0	DIV	Front	20525	836.5	22.39	-0.03	22.5	0.026	1.026	0.026
	Band5/50%RB#0	DIV	Back	20525	836.5	22.39	0.14	22.5	0.129	1.026	0.132
	Band5/50%RB#0	DIV	Left	20525	836.5	22.39	0.07	22.5	0.017	1.026	0.017
	Band5/50%RB#0	DIV	Right	20525	836.5	22.39	0.15	22.5	0.005	1.026	0.005
	Band5/50%RB#0	DIV	Bottom	20525	836.5	22.39	-0.06	22.5	0.051	1.026	0.052
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ FDD-LTE Band 7(20MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	Reported SAR_{1g} (W/kg)
	Band7/1RB#49	MAIN	Front	20850	2510	23.42	0.05	23.5	0.158	1.019	0.161
	Band7/1RB#49	MAIN	Back	20850	2510	23.42	0.14	23.5	0.277	1.019	0.282
	Band7/1RB#49	MAIN	Left	20850	2510	23.42	0.07	23.5	0.123	1.019	0.125
	Band7/1RB#49	MAIN	Top	20850	2510	23.42	0.12	23.5	0.255	1.019	0.260
	Band7/1RB#49	DIV	Front	20850	2510	22.58	0.01	23.0	0.085	1.102	0.093
25	Band7/1RB#49	DIV	Back	20850	2510	22.58	-0.05	23.0	**0.426**	1.102	0.469
	Band7/1RB#49	DIV	Left	20850	2510	22.58	0.00	23.0	0.056	1.102	0.061
	Band7/1RB#49	DIV	Right	20850	2510	22.58	0.02	23.0	0.015	1.102	0.017
	Band7/1RB#49	DIV	Bottom	20850	2510	22.58	0.09	23.0	0.168	1.102	0.185
	Band7/50%RB#0	MAIN	Front	20850	2510	21.66	0.01	22.0	0.129	1.081	0.139
	Band7/50%RB#0	MAIN	Back	20850	2510	21.66	0.05	22.0	0.225	1.081	0.243
	Band7/50%RB#0	MAIN	Left	20850	2510	21.66	0.13	22.0	0.100	1.081	0.108
	Band7/50%RB#0	MAIN	Top	20850	2510	21.66	0.01	22.0	0.207	1.081	0.224
	Band7/50%RB#24	DIV	Front	20850	2510	21.44	0.07	21.5	0.073	1.014	0.074
	Band7/50%RB#24	DIV	Back	20850	2510	21.44	0.01	21.5	0.368	1.014	0.373
	Band7/50%RB#24	DIV	Left	20850	2510	21.44	0.09	21.5	0.048	1.014	0.049
	Band7/50%RB#24	DIV	Right	20850	2510	21.44	0.05	21.5	0.013	1.014	0.013
	Band7/50%RB#24	DIV	Bottom	20850	2510	21.44	-0.05	21.5	0.145	1.014	0.147
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ TDD-LTE Band 41(20MHz) QPSK Body SAR in Hotspot mode

Plot No.	Band/Mode	ANT	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	Band41/1RB#49	MAIN	Front	41140	2645	23.33	0.05	23.5	0.057	1.040	1.008	0.060
	Band41/1RB#49	MAIN	Back	41140	2645	23.33	0.03	23.5	0.100	1.040	1.008	0.105
	Band41/1RB#49	MAIN	Left	41140	2645	23.33	0.07	23.5	0.044	1.040	1.008	0.046
	Band41/1RB#49	MAIN	Top	41140	2645	23.33	0.04	23.5	0.092	1.040	1.008	0.096
	Band41/1RB#49	DIV	Front	40140	2545	23.06	0.01	23.5	0.041	1.107	1.008	0.045
26	Band41/1RB#49	DIV	Back	40140	2545	23.06	0.04	23.5	**0.204**	1.107	1.008	0.228
	Band41/1RB#49	DIV	Left	40140	2545	23.06	0.08	23.5	0.027	1.107	1.008	0.030
	Band41/1RB#49	DIV	Right	40140	2545	23.06	0.00	23.5	0.007	1.107	1.008	0.008
	Band41/1RB#49	DIV	Bottom	40140	2545	23.06	0.10	23.5	0.080	1.107	1.008	0.090
	Band41/50%RB#0	MAIN	Front	41140	2645	22.21	0.17	22.5	0.052	1.069	1.008	0.056
	Band41/50%RB#0	MAIN	Back	41140	2645	22.21	0.05	22.5	0.091	1.069	1.008	0.098
	Band41/50%RB#0	MAIN	Left	41140	2645	22.21	0.09	22.5	0.040	1.069	1.008	0.044
	Band41/50%RB#0	MAIN	Top	41140	2645	22.21	0.08	22.5	0.084	1.069	1.008	0.090
	Band41/50%RB#0	DIV	Front	41140	2645	21.94	0.11	22.0	0.032	1.014	1.008	0.032
	Band41/50%RB#0	DIV	Back	41140	2645	21.94	0.01	22.0	0.159	1.014	1.008	0.163
	Band41/50%RB#0	DIV	Left	41140	2645	21.94	0.00	22.0	0.021	1.014	1.008	0.021
	Band41/50%RB#0	DIV	Right	41140	2645	21.94	-0.03	22.0	0.006	1.014	1.008	0.006
	Band41/50%RB#0	DIV	Bottom	41140	2645	21.94	0.08	22.0	0.062	1.014	1.008	0.063
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 2.4GHz Body SAR in Hotspot mode

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	2.4GHz/802.11b	Front	6	2437	15.22	-0.01	15.5	0.042	1.067	1.000	0.044
27	2.4GHz/802.11b	Back	6	2437	15.22	-0.03	15.5	**0.088**	1.067	1.000	0.094
	2.4GHz/802.11b	Right	6	2437	15.22	0.07	15.5	0.045	1.067	1.000	0.047
	2.4GHz/802.11b	Top	6	2437	15.22	0.07	15.5	0.047	1.067	1.000	0.050
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.2GHz Body SAR in Hotspot mode

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.2GHz/802.11a	Front	48	5240	13.85	0.03	14.0	0.037	1.035	1.000	0.038
	5.2GHz/802.11a	Back	48	5240	13.85	-0.09	14.0	0.162	1.035	1.000	0.168
	5.2GHz/802.11a	Right	48	5240	13.85	0.12	14.0	0.158	1.035	1.000	0.164
33	5.2GHz/802.11a	Top	48	5240	13.85	0.00	14.0	**0.174**	1.035	1.000	0.180
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ WLAN 5.8GHz Body SAR in Hotspot mode

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	5.8GHz/802.11a	Front	157	5785	14.41	0.04	14.5	0.077	1.021	1.000	0.079
31	5.8GHz/802.11a	Back	157	5785	14.41	0.00	14.5	**0.367**	1.021	1.000	0.375
	5.8GHz/802.11a	Right	157	5785	14.41	0.07	14.5	0.297	1.021	1.000	0.303
	5.8GHz/802.11a	Top	157	5785	14.41	0.03	14.5	0.268	1.021	1.000	0.274
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

➢ Bluetooth Body SAR in Hotspot mode

Plot No.	Band/Mode	Test Position	CH.	Freq. (MHz)	Ave. Power (dBm)	Power Drift (dB)	Tune-Up Limit (dBm)	Meas. SAR_{1g} (W/kg)	Scaling Factor	D.C Factor	Reported SAR_{1g} (W/kg)
	BT/GFSK	Front	0	2402	7.66	-0.01	8.0	0.002	1.082	1.000	0.002
32	BT/GFSK	Back	0	2402	7.66	0.06	8.0	**0.006**	1.082	1.000	0.006
	BT/GFSK	Right	0	2402	7.66	0.09	8.0	0.005	1.082	1.000	0.005
	BT/GFSK	Top	0	2402	7.66	0.08	8.0	0.004	1.082	1.000	0.004
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**						

Note:

1. Per KDB 447498 D04v01, for each exposure position, if the highest output channel Reported SAR ≤0.8W/kg, other channels SAR testing is not necessary.
2. Additional WLAN SAR testing was performed for simultaneous transmission analysis.
3. For Hotspot SAR testing, per KDB 941225 D06v02r01, for EUT dimension ≥ 9cm*5cm, the test distance is 10mm. SAR must be measured for all surfaces and sides with a transmitting antenna located within 2.5cm from that surface or edge.
4. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. If HSDPA output power is < 0.25dB higher than RMC 12.2kbps, or Reported SAR with RMC 12.2kbps setting is ≤ 1.2W/kg, HSDPA SAR evaluation can be excluded.
5. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is ≥0.8W/kg.
6. Per KDB 648474 D04v01r03, when the Reported SAR for a body-worn accessory measured without a headset connected to the handset is > 1.2 W/kg, SAR testing with a headset connected to the handset is required.

7. Per KDB 941225 D05v02r05, 100% RB allocation SAR measurement is not required when the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel.
8. According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
9. Highlight part of test data means repeated test.
10. *: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show “<0.001* W/Kg” in the report.

15.4 Product specific 10g SAR

Extremity SAR measurement is not required.

15.5 Repeated SAR measurement

Band/ Mode	ANT	Test Position	CH.	Freq. (MHz)	Measured SAR (W/kg)				
					Original	1st Repeated		2nd Repeated	
						Value	Ratio	Value	Ratio
PCS1900/Voice	MAIN	Right Tilted	661	1880	1.130	1.070	1.07	/	/
Band II/RMC	MAIN	Right Tilted	9538	1970.6	0.922	0.896	1.03	/	/
Band IV/RMC	MAIN	Right Tilted	1312	1712.4	0.732	0.711	1.03	/	/
Band2/1RB#49	MAIN	Right Tilted	19100	1900	0.802	0.773	1.04	/	/
Band4/1RB#49	MAIN	Right Tilted	20050	1720	0.905	0.857	1.06	/	/
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					**1.6 W/kg (mW/g) Averaged over 1g**				

Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8 W/kg
2. Per KDB 865664 D01v01r04, if the ratio of *original* and *repeated* is ≤ 1.2 and the measured SAR <1.45 W/kg, only one repeated measurement is required.

15.6 Multi-Band Simultaneous Transmission Considerations

➢ **Simultaneous Transmission Capabilities**

According to FCC KDB Publication 447498 D04v01, transmitters are considered to be transmitting simultaneously when there is overlapping transmission, with the exception of transmissions during network hand-offs with maximum hand-off duration less than 30 seconds. Possible transmission paths for the EUT are shown in below Figure and are color-coded to indicate communication modes which share the same path. Modes which share the same transmission path cannot transmit simultaneously with one another.

Fig.15.1 Simultaneous Transmission Paths

➢ **Multi-Band simultaneous Transmission Consideration**

	Position	Applicable Combination
Simultaneous Transmission Consideration	Head	WWAN (Voice) + WLAN 2.4 GHz
		WWAN (Voice) + 5.2GHz/5.3GHz+5.6GHz/5.8GHz+ Bluetooth
	Body	WWAN (Data) + WLAN 2.4 GHz
		WWAN (Data) + 5.2GHz/5.3GHz+5.6GHz/5.8GHz+ Bluetooth
	Hotspot	WWAN (Data) + WLAN 2.4 GHz
		WWAN (Data) + 5.2GHz/5.8GHz+ Bluetooth

Note:

1. WLAN 2.4GHz Band, WLAN 5.2GHz Band, WLAN 5.3GHz Band, WLAN 5.6GHz, WLAN 5.8GHz Band share the same antenna, and cannot transmit simultaneously.
2. WLAN 2.4GHz Band and Bluetooth cannot transmit simultaneously.
3. GSM/WCDMA/LTE shares the same antenna, and cannot transmit simultaneously.
4. The Report SAR summation is calculated based on the same configuration and test position.
5. Per KDB 447498 D04v01, simultaneous transmission SAR is compliant if,
   i. Scalar SAR summation < 1.6 W/kg.
   ii. SPLSR = $(SAR_1 + SAR_2)^{1.5}$ / (*min. separation distance, mm*), and the peak separation distance is determined from the square root of $[(x_1-x_2)^2 + (y_1-y_2)^2 + (z_1-z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates of the extrapolated peak SAR locations in the zoom scan If SPLSR ≤ 0.04, simultaneously transmission SAR measurement is not necessary.
   iii. Simultaneously transmission SAR measurement, and the Reported multi-band SAR < 1.6 W/kg.

15.7 SAR Simultaneous Transmission Analysis

➢ **Simultaneous Transmission**

Position		Standalone SAR(W/kg)				Σ SAR_{1g} (W/kg)	
		1	2	3	4	1+2	1+3+4
		WWAN	2.4G WLAN	5G WLAN	BT		
Head	Right Cheek	1.111	0.104	0.148	0.005	1.215	1.264
	Right Tilted	1.194	0.122	0.212	0.008	1.316	1.414
	Left Cheek	0.565	0.252	0.429	0.018	0.817	1.012
	Left Tilted	0.829	0.214	0.365	0.01	1.043	1.204
Body- worn	Front	0.424	0.044	0.079	0.002	0.468	0.505
	Back	0.739	0.094	0.375	0.006	0.833	1.12
Hotspot	Front	0.424	0.044	0.079	0.002	0.468	0.505
	Back	0.739	0.094	0.375	0.006	0.833	1.120
	Left	0.275	/	/	/	0.275	0.275
	Right	0.020	0.047	0.316	0.005	0.067	0.341
	Top	0.683	0.05	0.274	0.004	0.733	0.961
	Bottom	0.210	/	/	/	0.210	0.210

➢ **Simultaneous Transmission Conclusion**

The above numerical summed SAR results for all the case simultaneous transmission conditions were below the SAR limit. Therefore, the above analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D04v01.

15.8 Measurement Uncertainty

Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEC/IEEE 62209-1528:2020 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.

15.9 Measurement Conclusion

The SAR evaluation indicates that the EUT complies with the RF radiation exposure limits of the FCC and Industry Canada, with respect to all parameters subject to this test. These measurements were taken to simulate the RF effects of RF exposure under worst-case conditions. Precise laboratory measures were taken to assure repeatability of the tests. The results and statements relate only to the item(s) tested. Please note that the absorption and distribution of electromagnetic energy in the body are very complex phenomena that depend on the mass, shape, and size of the body, the orientation of the body with respect to the field vectors, and the electrical properties of both the body and the environment. Other variables that may play a substantial role in possible biological effects are those that characterize the environment (e.g. ambient temperature, air velocity, relative humidity, and body insulation) and those that characterize the individual (e.g. age, gender, activity level, debilitation, or disease). Because various factors may interact with one another to vary the specific biological outcome of an exposure to electromagnetic fields, any protection guide should consider maximal amplification of biological effects as a result of field-body interactions, environmental conditions, and physiological variables.

16 Reference

[1]. FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”

[2]. ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992

[3]. IEC/IEEE 62209-1528:2020, “Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices –Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)”, October 2020

[4]. SPEAG DASY52 System Handbook

[5]. FCC KDB 248227 D01 v02r02, “SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS”, October 2015

[6]. FCC KDB 447498 D04 v01, “RF EXPOSURE PROCEDURES AND EQUIPMENT AUTHORIZATION POLICIES FOR MOBILE AND PORTABLE DEVICES”, November 2021

[7]. FCC KDB 648474 D04 v01r03, “SAR EVALUATION CONSIDERATIONS FOR WIRELESS HANDSETS”, October 2015

[8]. FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, October 2015

[9]. FCC KDB 941225 D05 v02r05, “SAR EVALUATION CONSIDERATIONS FOR LTE DEVICES”, Dec 2015

[10]. FCC KDB 941225 D06 v02r01, " SAR EVALUATION PROCEDURES FOR PORTABLE DEVICES WITH WIRELESS ROUTER CAPABILITIES", October 2015

[11]. FCC KDB 865664 D01 v01r04, “SAR MEASUREMENT REQUIREMENTS FOR 100 MHz TO 6 GHz”, August 2015

Appendix A: Plots of SAR System Check

Test Laboratory: JYTSZ Date: 08.04.2024

DUT: Dipole 835 MHz; Type: D835V2; Serial: SN:4D154

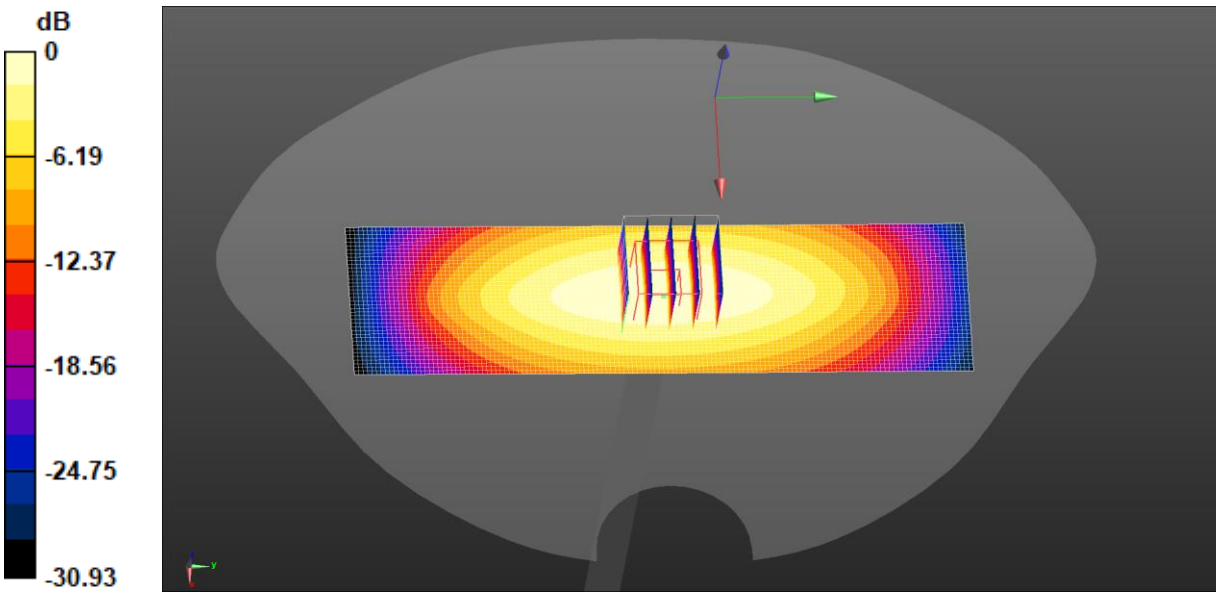
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 835 MHz; σ = 0.897 S/m; ε_r = 42.185; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 835 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

System Performance Check at Frequency835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.85 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.501 W/kg
Smallest distance from peaks to all points 3 dB below = 16.1 mm
Ratio of SAR at M2 to SAR at M1 = 62.4%
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Laboratory: JYTSZ Date: 08.07.2024

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: SN:1177

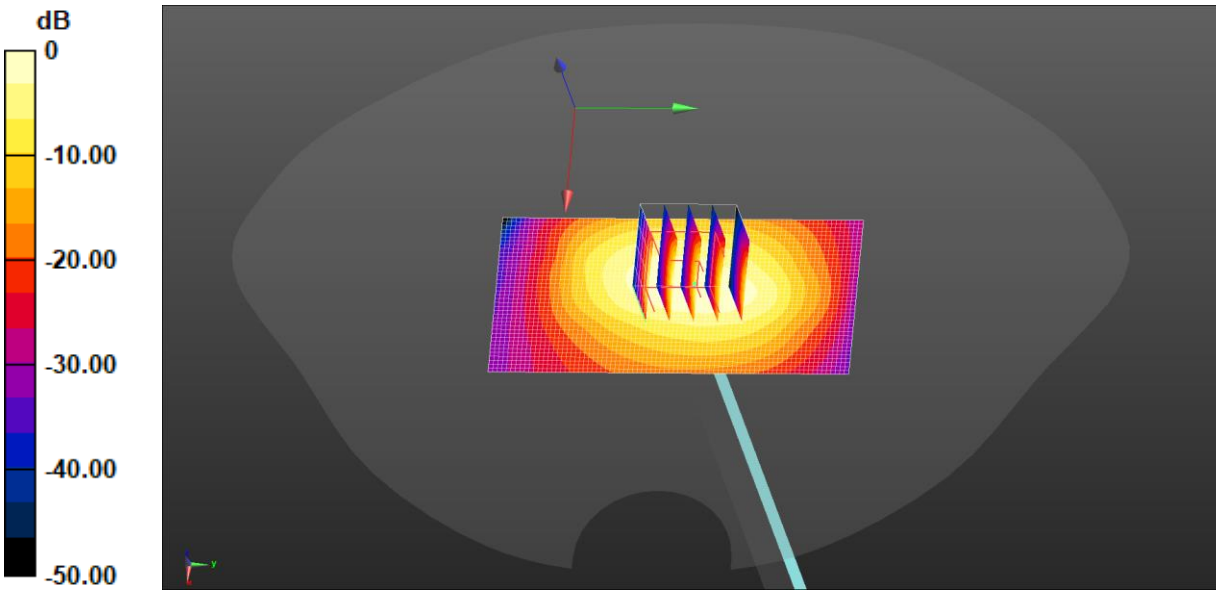
Communication System: UID 0, CW (0); Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.335 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1750 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.25 W/kg

System Performance Check at Frequency1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.83 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 2.67 W/kg
SAR(1 g) = 1.44 W/kg; SAR(10 g) = 0.786 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 54.2%
Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.25 W/kg = 3.52 dBW/kg

Test Laboratory: JYTSZ Date: 08.10.2024

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN:5d175

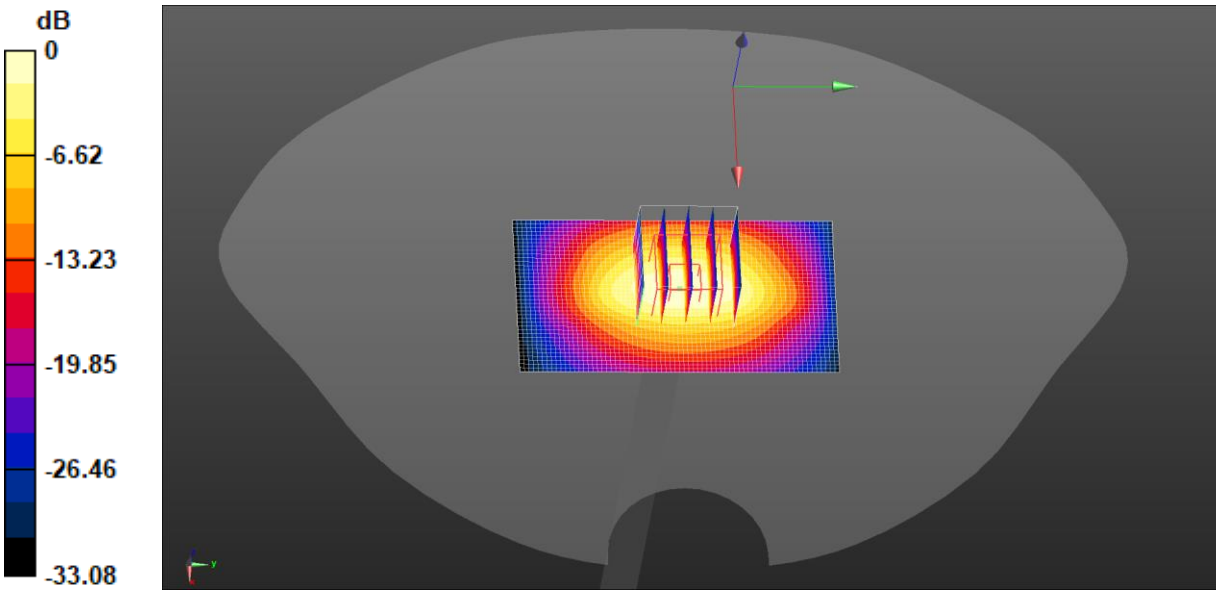
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.36 S/m; ε_r = 40.667; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency1900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.65 W/kg

System Performance Check at Frequency1900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.32 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 3.08 W/kg
SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.853 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 52.7%
Maximum value of SAR (measured) = 2.59 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: SN:910

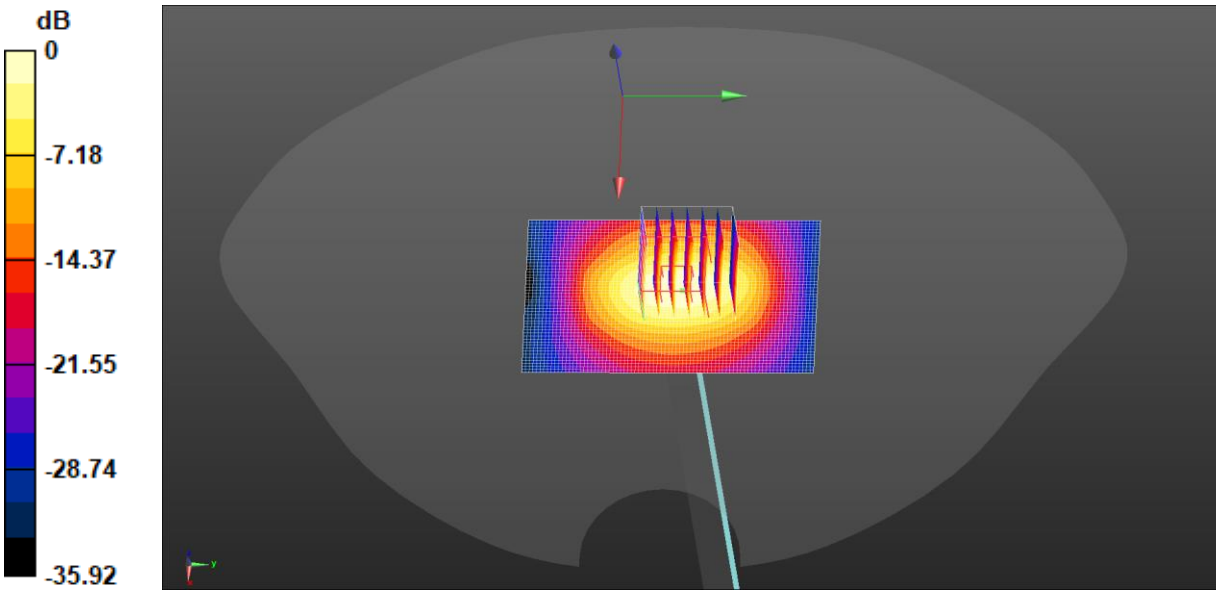
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.749 S/m; ε_r = 39.867; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 3.52 W/kg

System Performance Check at Frequency2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 43.25 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 4.33 W/kg
SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.01 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 49.2%
Maximum value of SAR (measured) = 3.27 W/kg



0 dB = 3.52 W/kg = 5.47 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: SN:1114

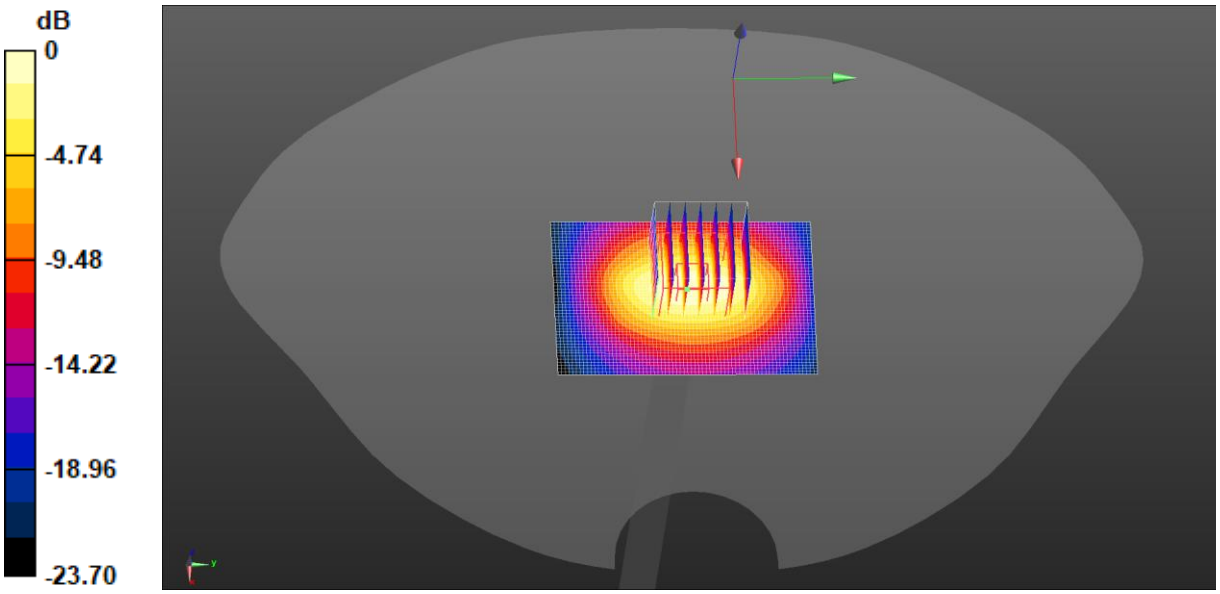
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.909 S/m; ε_r = 39.676; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2600 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 41.02 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 4.48 W/kg
SAR(1 g) = 2.14 W/kg; SAR(10 g) = 0.977 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 3.15 W/kg

System Performance Check at Frequency2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 3.52 W/kg



0 dB = 3.15 W/kg = 4.98 dBW/kg

Test Laboratory: JYTSZ Date: 08.16.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

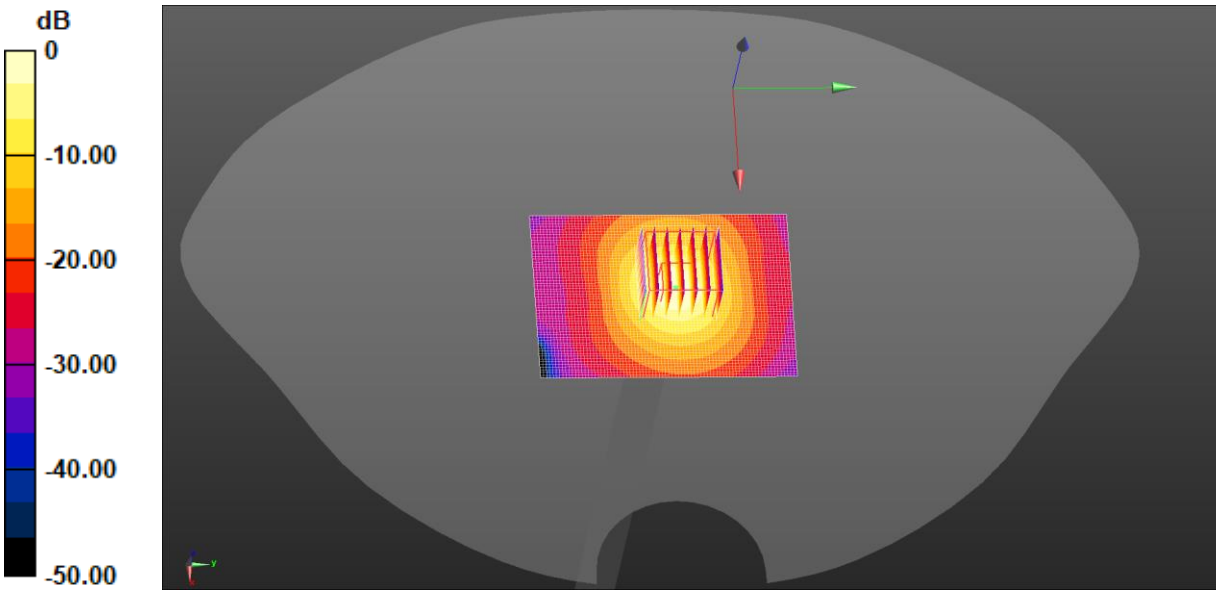
Communication System: UID 0, CW (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.546 S/m; ε_r = 36.653; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5200 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.01 W/kg

System Performance Check at Frequency5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 38.62 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 3.02 W/kg; SAR(10 g) = 0.881 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 55.5%
Maximum value of SAR (measured) = 7.83 W/kg



0 dB = 7.83 W/kg = 8.94 dBW/kg

Test Laboratory: JYTSZ Date: 08.19.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

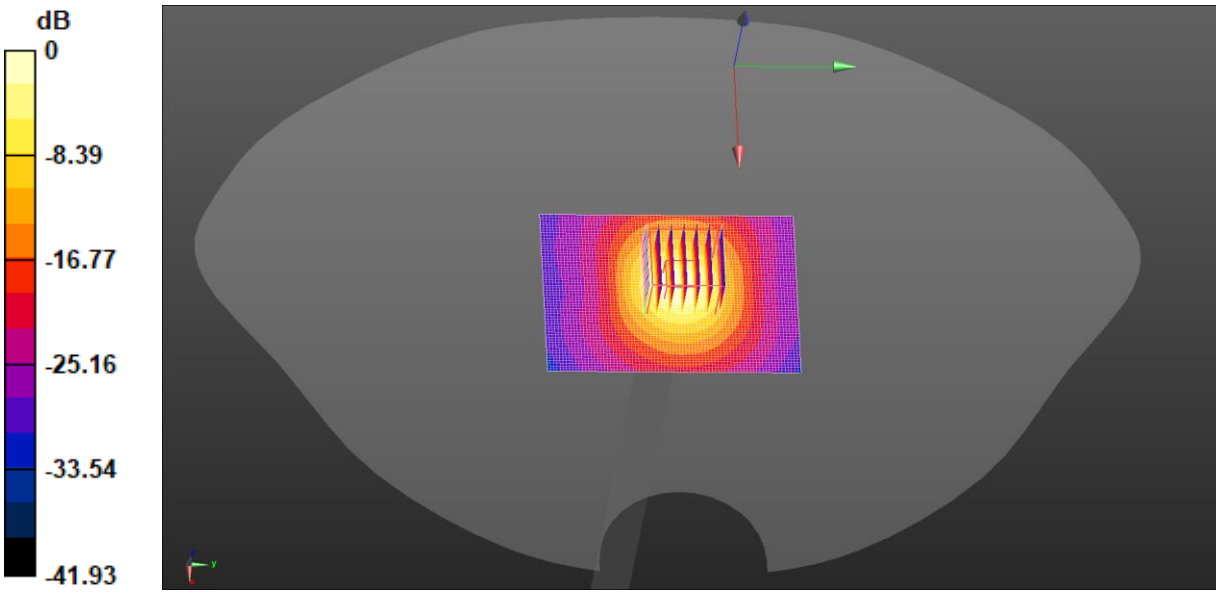
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.647 S/m; ε_r = 36.539; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5300 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.25 W/kg

System Performance Check at Frequency5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 41.16 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 12.8 W/kg
SAR(1 g) = 3.18 W/kg; SAR(10 g) = 0.914 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.6%
Maximum value of SAR (measured) = 8.03 W/kg



0 dB = 8.03 W/kg = 9.05 dBW/kg

Test Laboratory: JYTSZ Date: 08.22.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

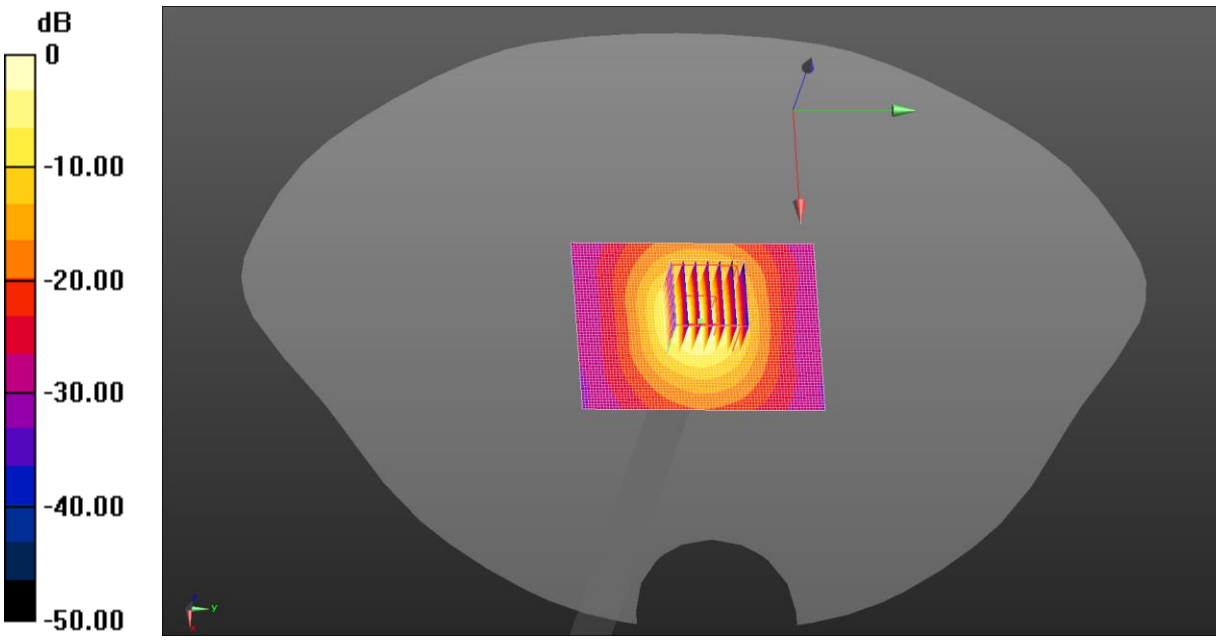
Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 4.947 S/m; ε_r = 36.207; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.53 W/kg

System Performance Check at Frequency5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 45.07 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 14.2 W/kg
SAR(1 g) = 3.25 W/kg; SAR(10 g) = 0.936 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 51.8%
Maximum value of SAR (measured) = 8.53 W/kg



0 dB = 8.53 W/kg = 9.31 dBW/kg

Test Laboratory: JYTSZ Date: 08.25.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

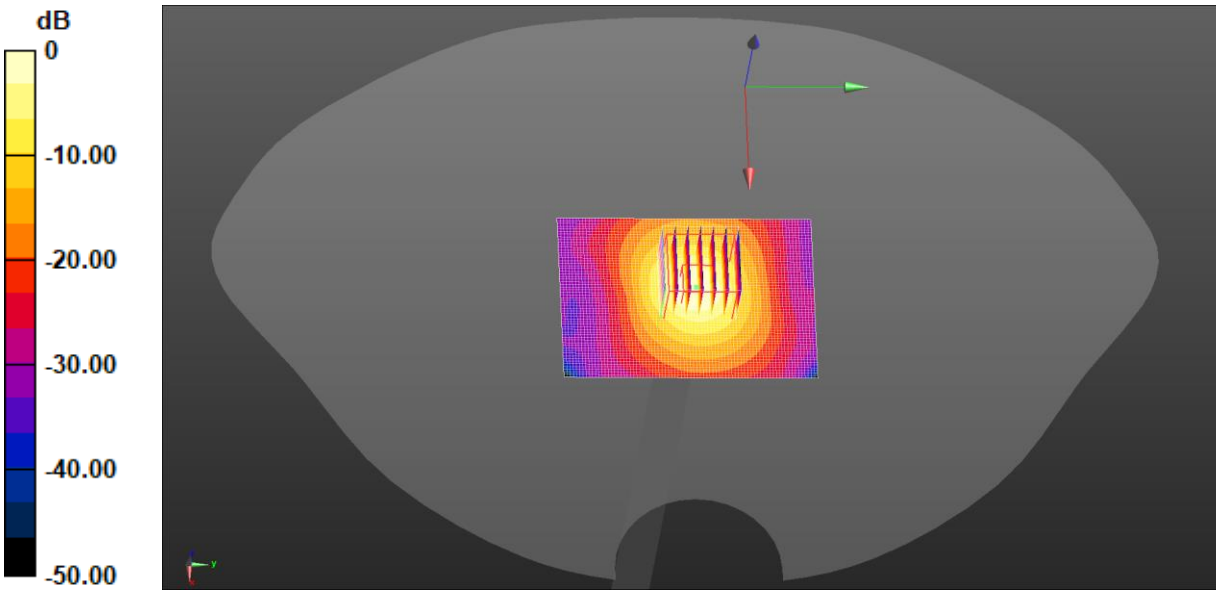
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.149 S/m; ε_r = 35.967; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5800 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.42 W/kg

System Performance Check at Frequency5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 38.74 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 14.1 W/kg
SAR(1 g) = 3.11 W/kg; SAR(10 g) = 0.902 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 49.7%
Maximum value of SAR (measured) = 8.18 W/kg



0 dB = 8.18 W/kg = 9.13 dBW/kg

Appendix B: Plots of SAR Test Data

Test Laboratory: JYTSZ Date: 08.04.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

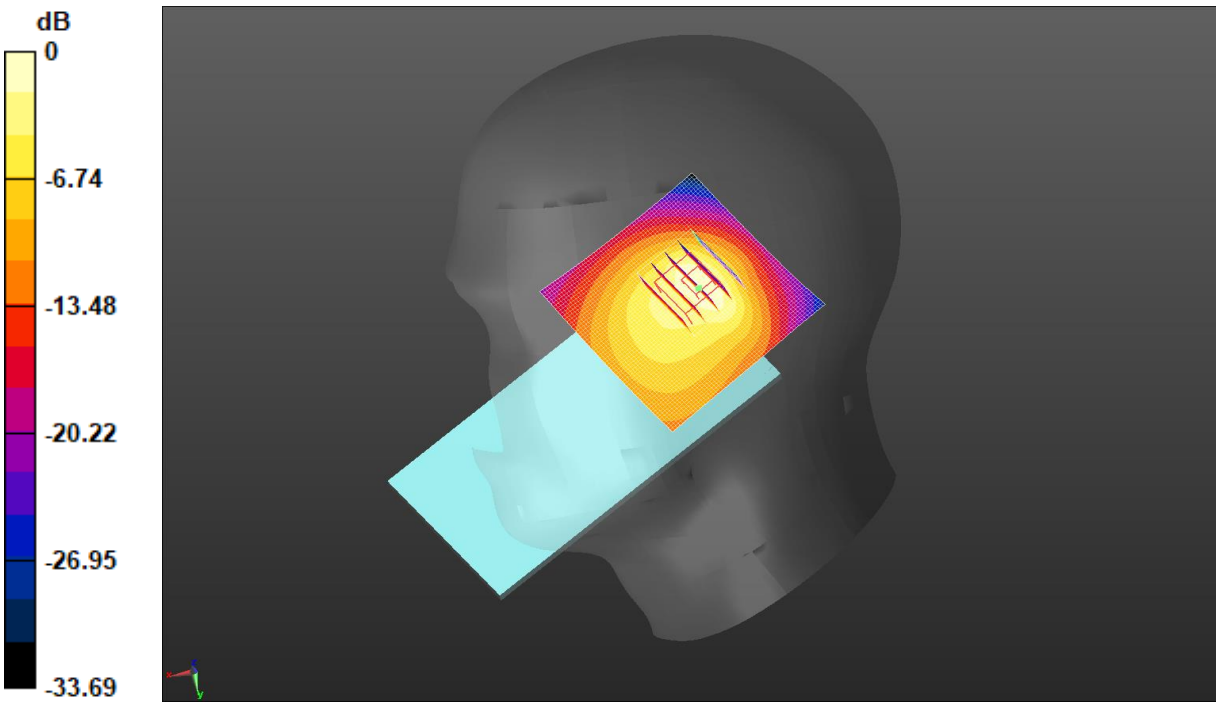
Communication System: UID 0, GSM (0); Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.898 S/m; ε_r = 42.172; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 848.8 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 850 Right Cheek/High Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.664 W/kg

GSM 850 Right Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.13 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.803 W/kg
SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.176 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 37.8%
Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

Test Laboratory: JYTSZ Date: 08.10.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

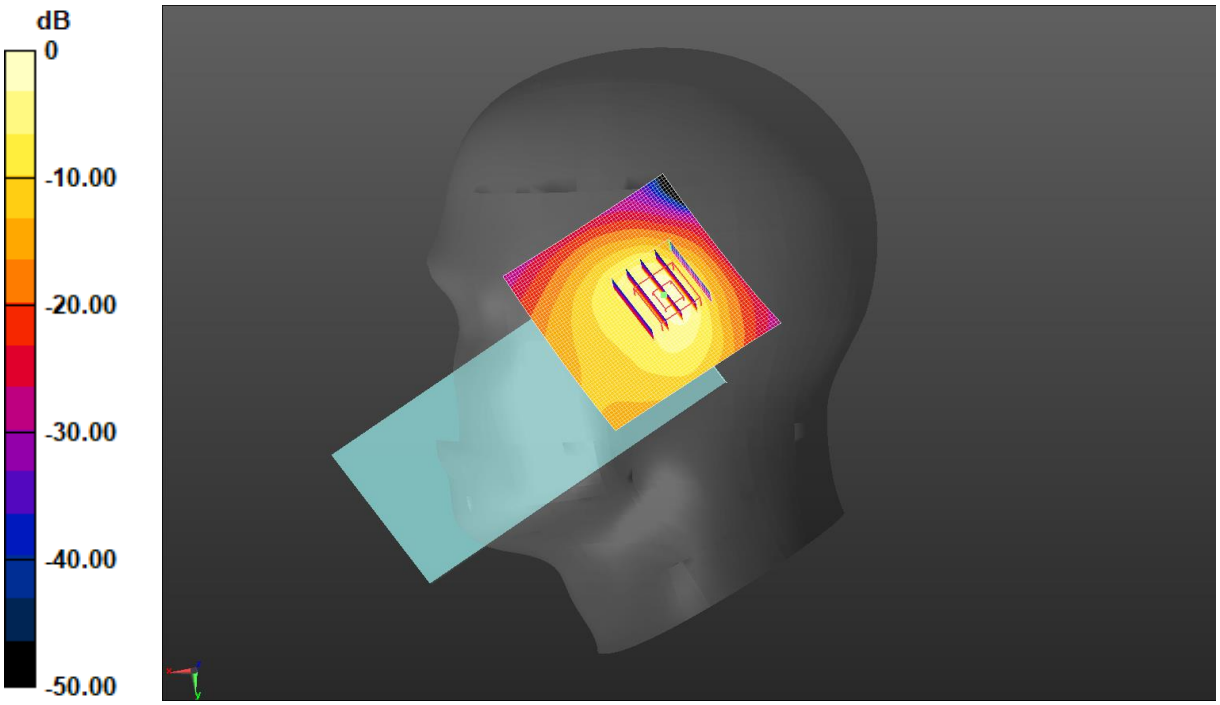
Communication System: UID 0, GSM (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.361 S/m; ε_r = 40.667; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1880 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 1900 Right Tilted/Middle Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.06 W/kg

GSM 1900 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.10 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.517 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 2.06 W/kg = 3.15 dBW/kg

Test Laboratory: JYTSZ Date: 08.10.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

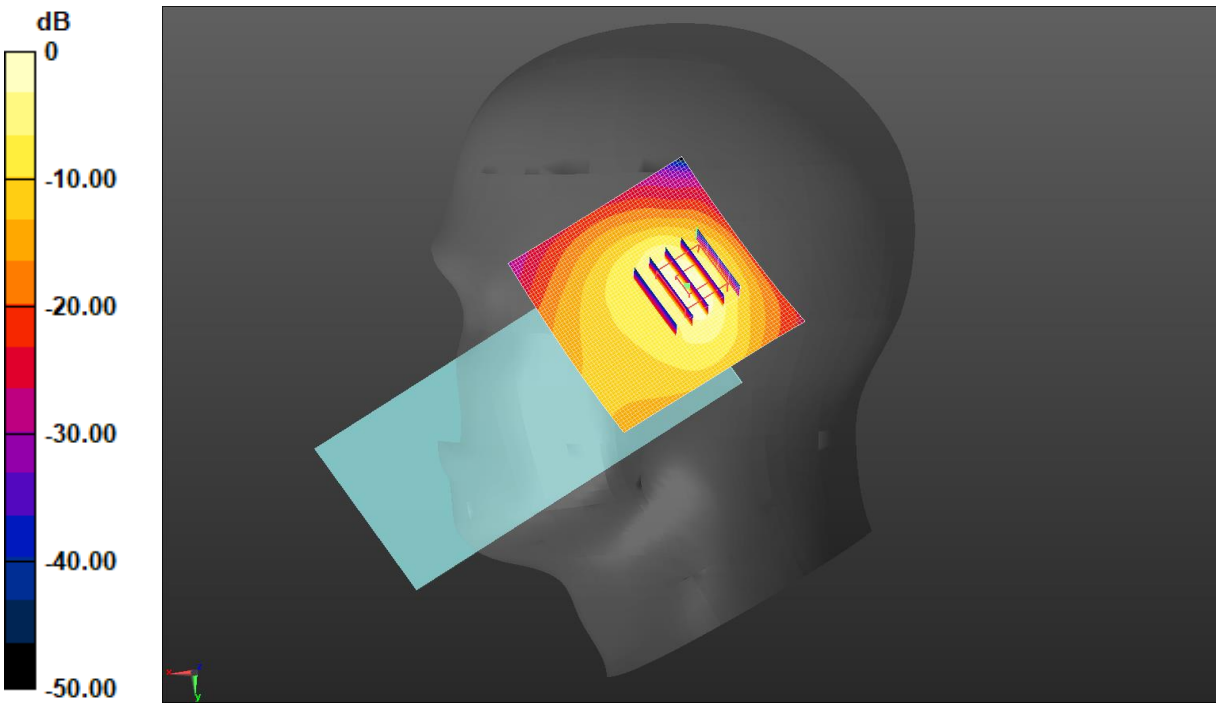
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.36 S/m; ε_r = 40.667; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1907.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Right Tilted/High Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.63 W/kg

WCDMA 1900 Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.21 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.421 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 50.1%
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.63 W/kg = 2.14 dBW/kg

Test Laboratory: JYTSZ Date: 08.07.2024

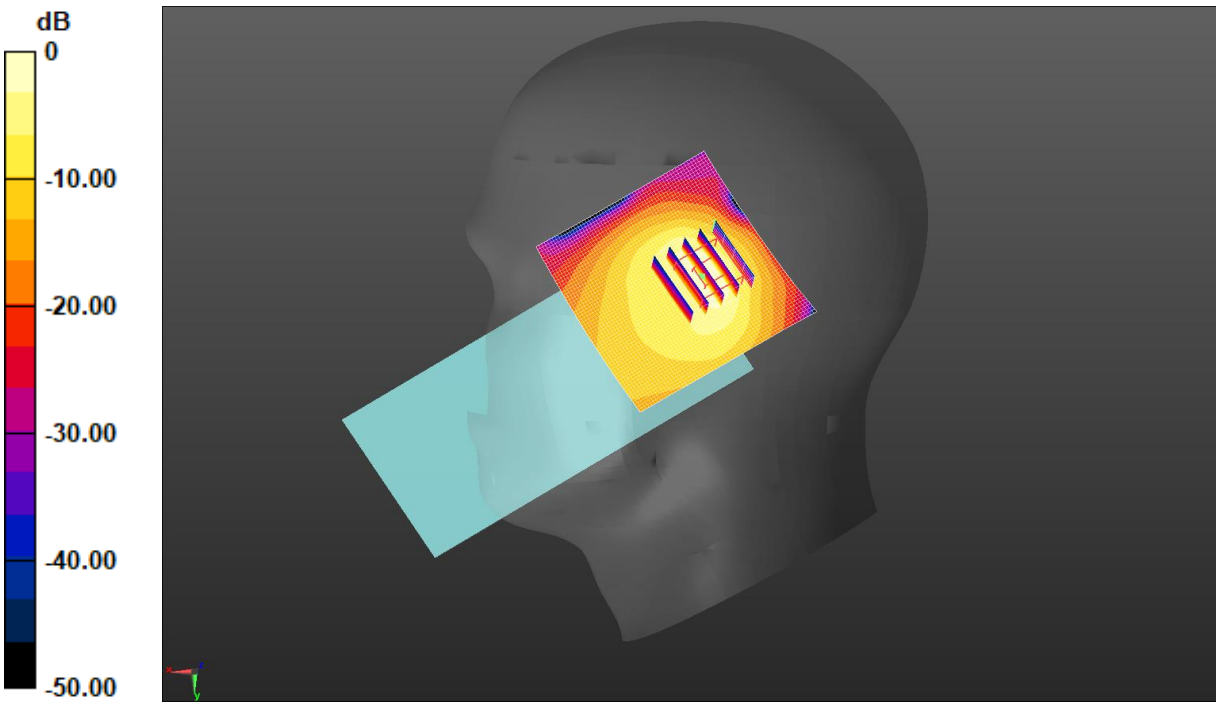
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.313 S/m; ε_r = 40.806; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1712.4 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Right Tilted/Low Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.37 W/kg
WCDMA 1700 Right Tilted/Low Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.66 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.342 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 51.4%
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.37 W/kg = 1.36 dBW/kg

Test Laboratory: JYTSZ Date: 08.04.2024

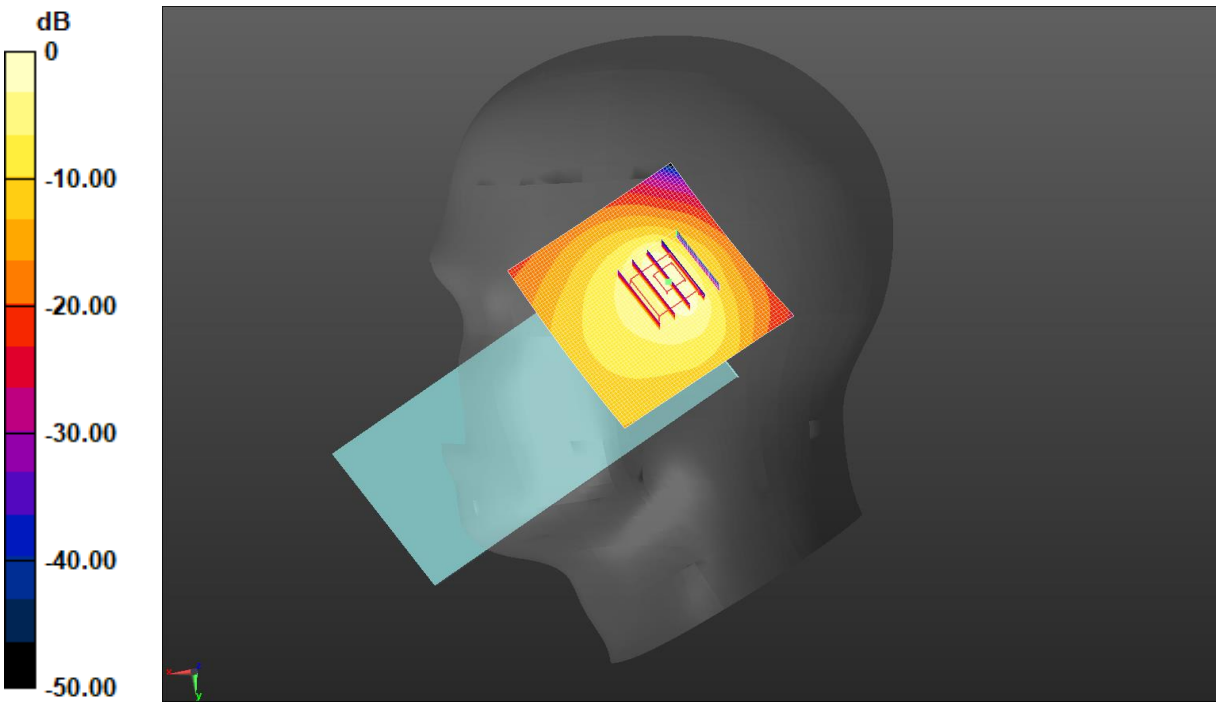
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.897 S/m; ε_r = 42.18; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 846.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Right Tilted/High Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg
WCDMA 850 Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.04 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.264 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 40.9%
Maximum value of SAR (measured) = 0.926 W/kg



0 dB = 1.13 W/kg = 0.54 dBW/kg

Test Laboratory: JYTSZ Date: 08.10.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.36 S/m; ε_r = 40.667; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

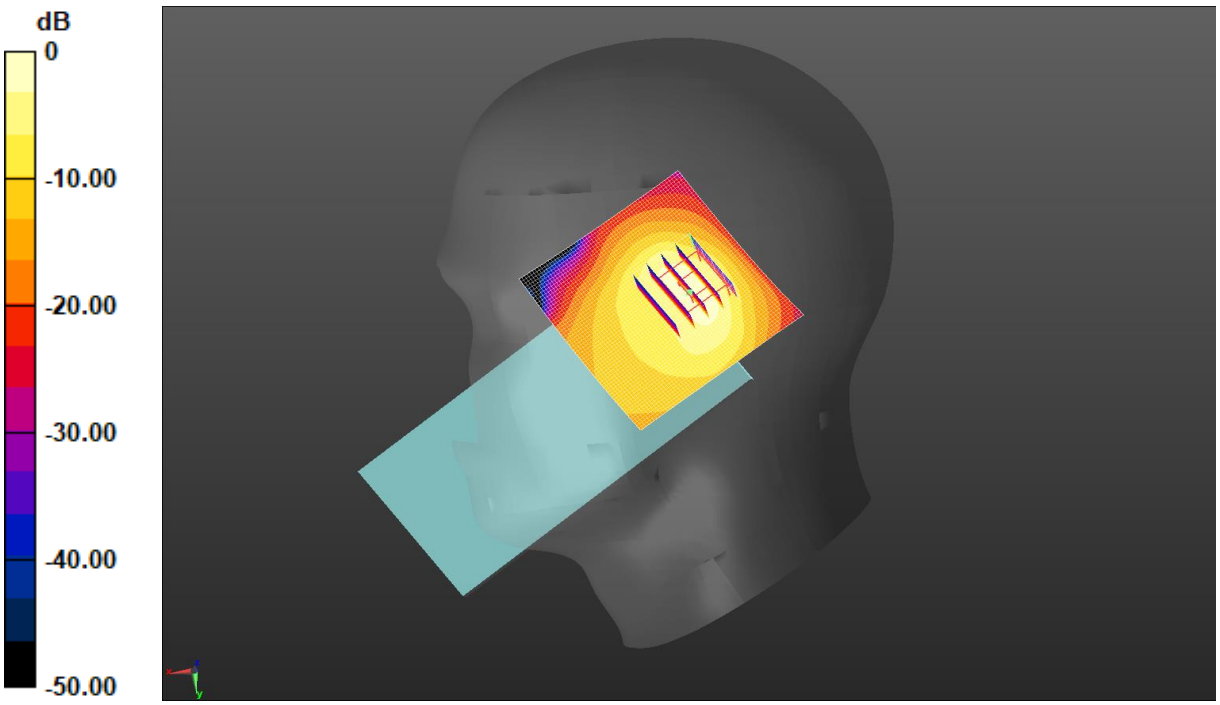
- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Right Tilted/High Channel/Area Scan (61x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

LTE Band 2 1RB(20MHz) Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.01 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.379 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 53.3%
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Test Laboratory: JYTSZ Date: 08.07.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.318 S/m; ε_r = 40.794; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

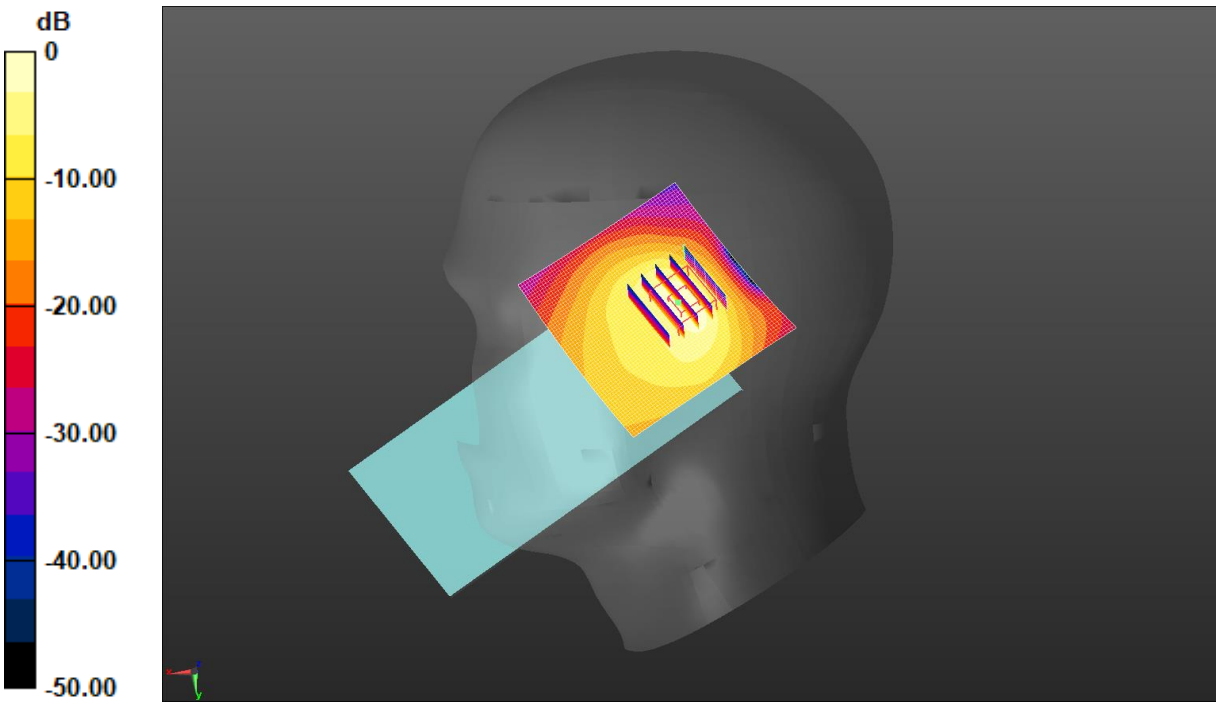
- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1720 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 4 1RB(20MHz) Right Tilted/Low Channel/Area Scan (61x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.71 W/kg

LTE Band 4 1RB(20MHz) Right Tilted/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.88 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.420 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 49.1%
Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

Test Laboratory: JYTSZ Date: 08.04.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 829 MHz; σ = 0.891 S/m; ε_r = 42.244; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

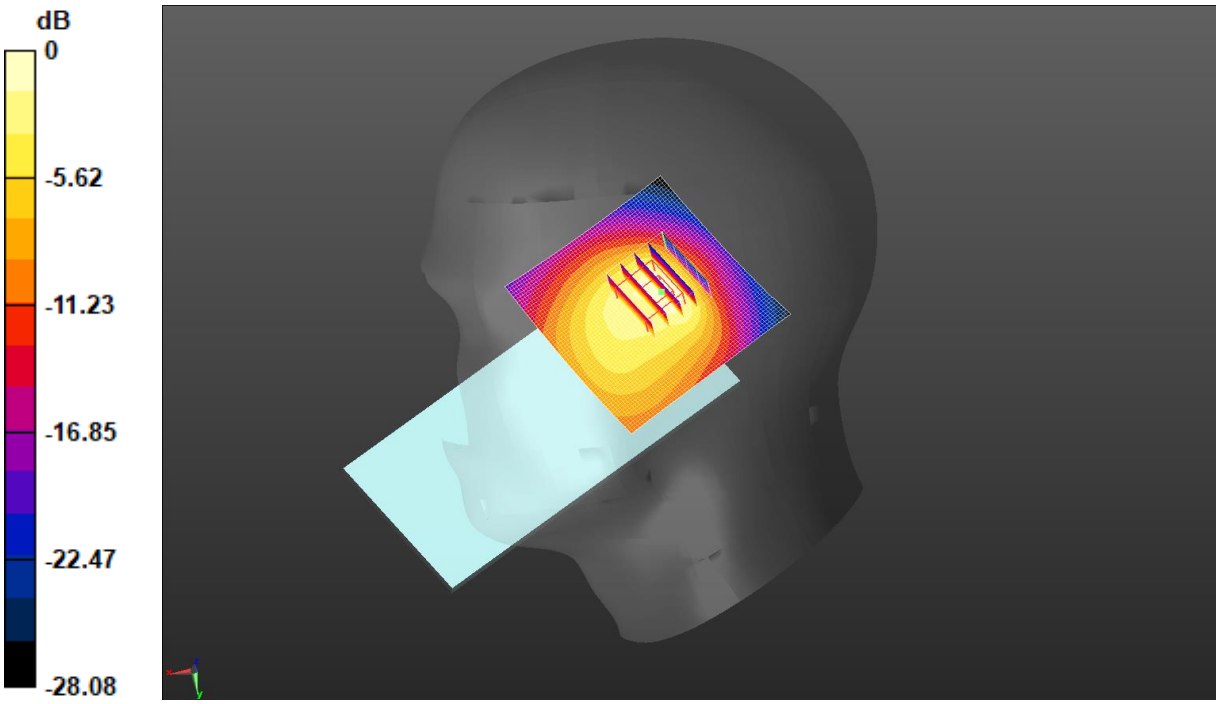
- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 829 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Right Cheek/Low Channel/Area Scan (61x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

LTE Band 5 1RB(10MHz) Right Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.31 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.340 W/kg
Smallest distance from peaks to all points 3 dB below = 10.3 mm
Ratio of SAR at M2 to SAR at M1 = 47.1%
Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 1.17 W/kg = 0.69 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.813 S/m; ε_r = 39.791; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

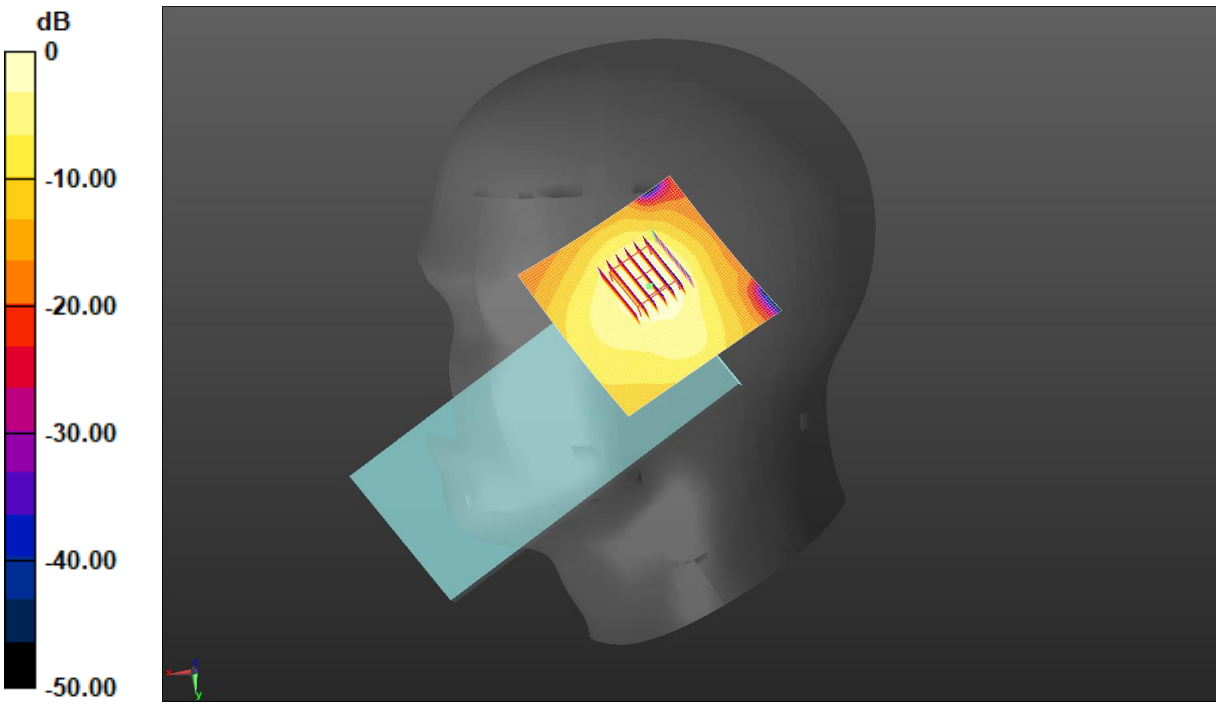
- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2510 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Right Tilted/Low Channel/Area Scan (71x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.663 W/kg

LTE Band 7 1RB(20MHz) Right Tilted/Low Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.39 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.935 W/kg
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.195 W/kg
Smallest distance from peaks to all points 3 dB below = 10.5 mm
Ratio of SAR at M2 to SAR at M1 = 36.1%
Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.663 W/kg = -1.79 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

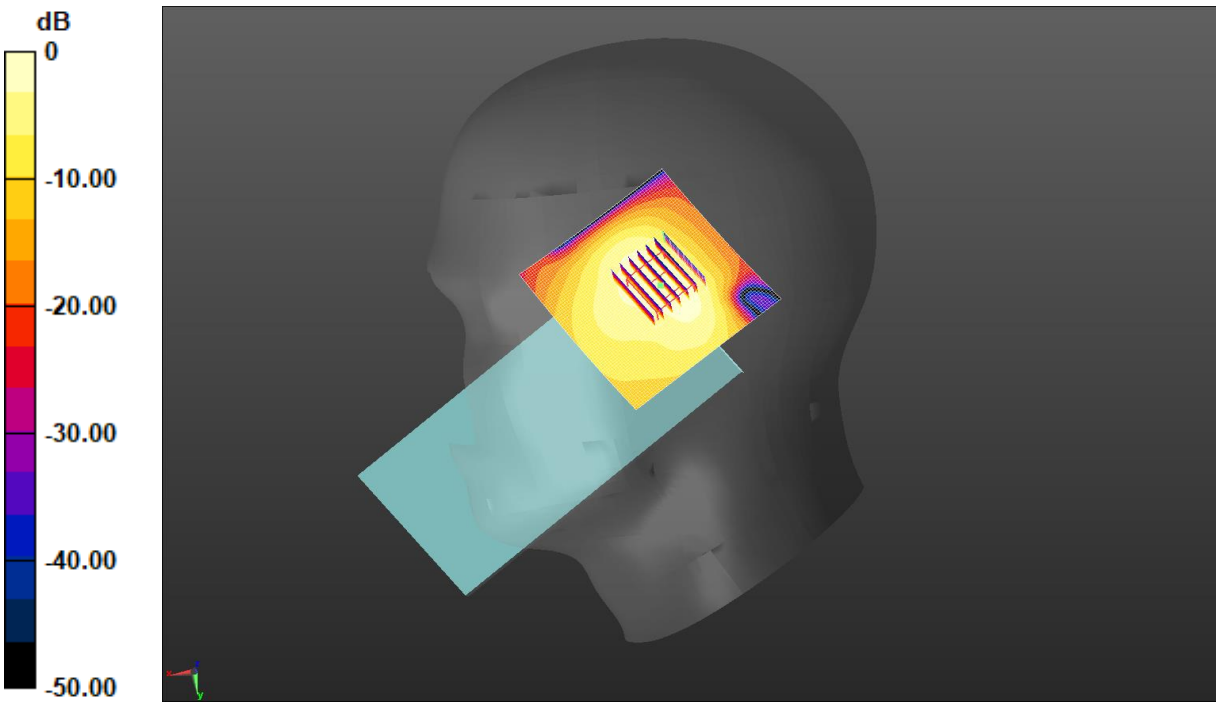
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-3

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2645 MHz;Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2645 MHz; σ = 1.957 S/m; ε_r = 39.619; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2645 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Right Tilted/High Channel/Area Scan (71x71x1):
Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.341 W/kg
LTE Band 41 1RB(20MHz) Right Tilted/High Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.54 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.532 W/kg
SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.094 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 36.4%
Maximum value of SAR (measured) = 0.384 W/kg



0 dB = 0.341 W/kg = -4.68 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

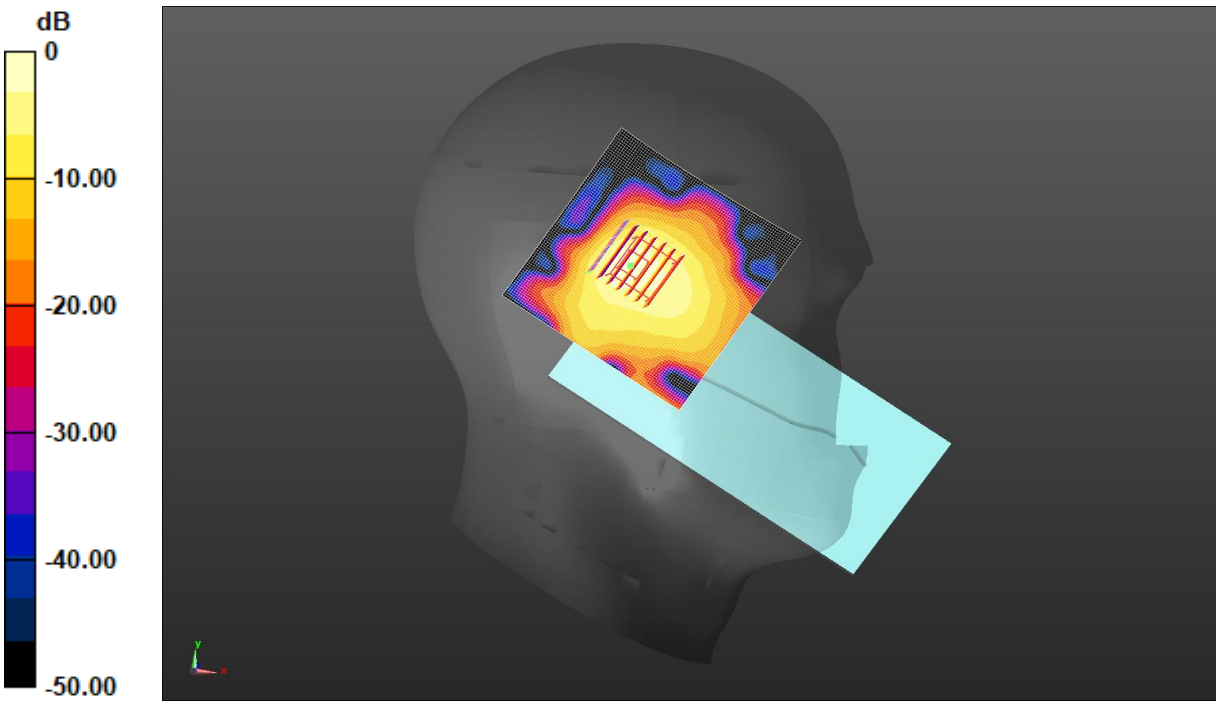
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.737 S/m; ε_r = 39.89; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2.4G WiFi Left Cheek/Middle Channel/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.497 W/kg

2.4G WiFi Left Cheek/Middle Channel/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.640 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.583 W/kg
SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.112 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 36.2%
Maximum value of SAR (measured) = 0.411 W/kg



0 dB = 0.497 W/kg = -3.04 dBW/kg

Test Laboratory: JYTSZ Date: 08.16.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

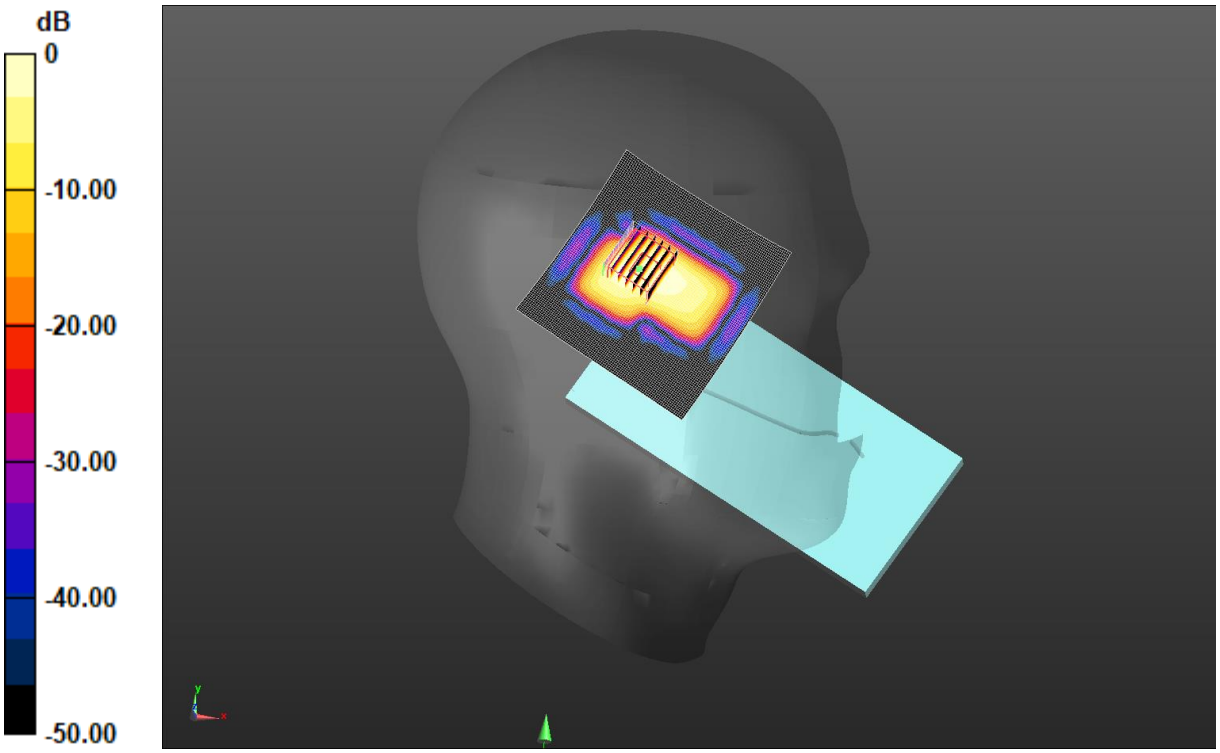
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.586 S/m; ε_r = 36.607; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5240 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Left Cheek/High Channel/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.743 W/kg

5.2G WiFi Left Cheek/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.626 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.092 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 0.680 W/kg



0 dB = 0.680 W/kg = -1.67 dBW/kg

Test Laboratory: JYTSZ Date: 08.19.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

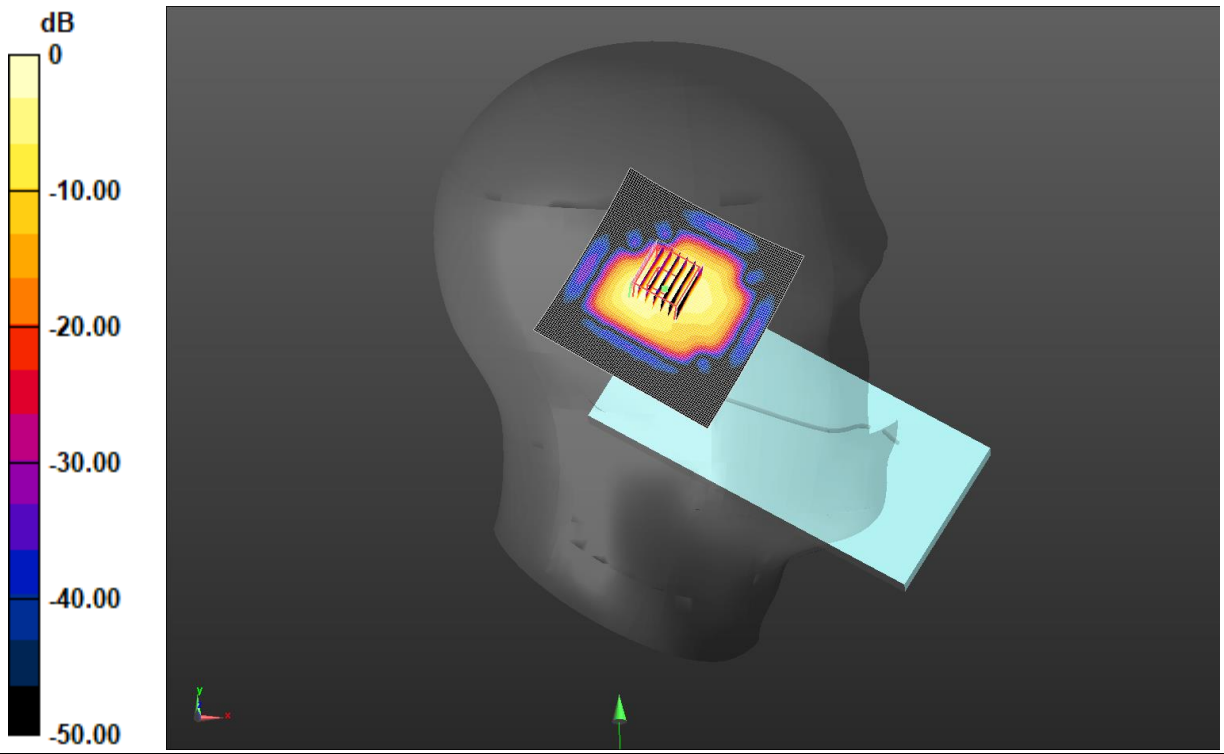
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5280 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.627 S/m; ε_r = 36.562; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5280 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Left Cheek/Middle Channel/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.927 W/kg

5.3G WiFi Left Cheek/Middle Channel/Zoom Scan (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.014 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.123 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 50.1%
Maximum value of SAR (measured) = 0.990 W/kg



0 dB = 0.990 W/kg = -0.04 dBW/kg

Test Laboratory: JYTSZ Date: 08.22.2024

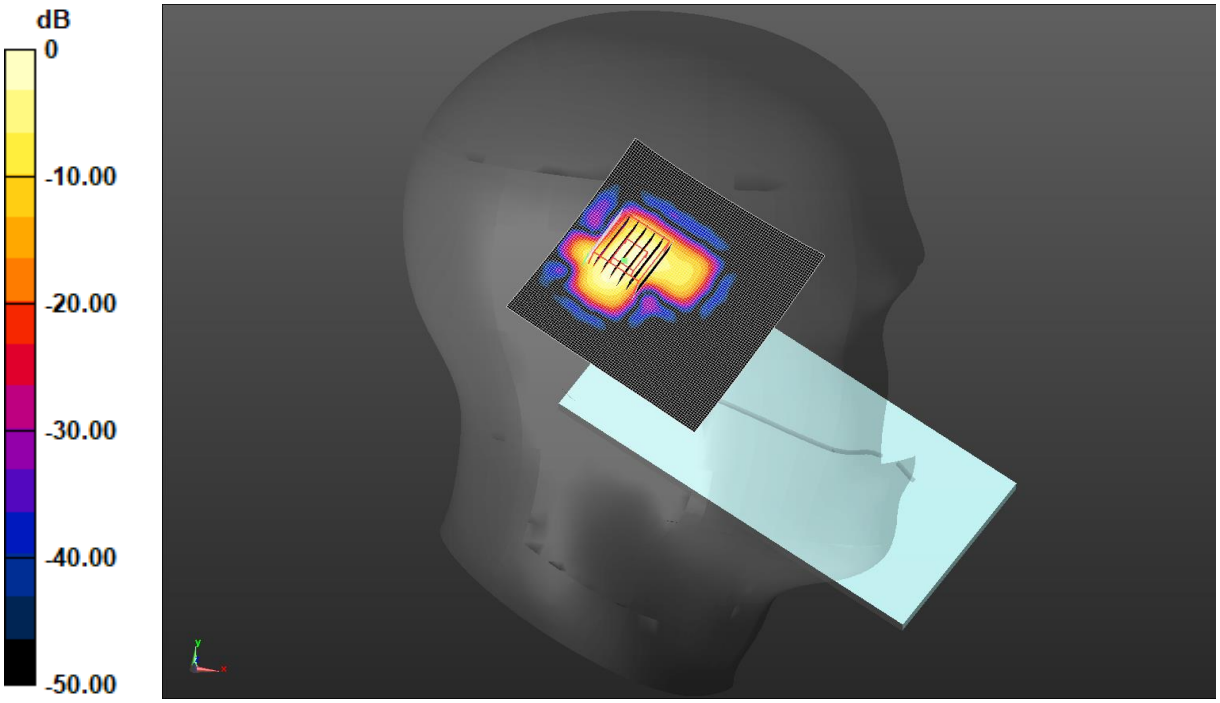
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.847 S/m; ε_r = 36.31; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5500 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.6G WiFi Left Cheek/Low Channel/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.21 W/kg
5.6G WiFi Left Cheek/Low Channel/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) = 1.51 W/kg
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.084 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 49.6%
Maximum value of SAR (measured) = 0.946 W/kg



0 dB = 0.946 W/kg = -0.24 dBW/kg

Test Laboratory: JYTSZ Date: 08.25.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

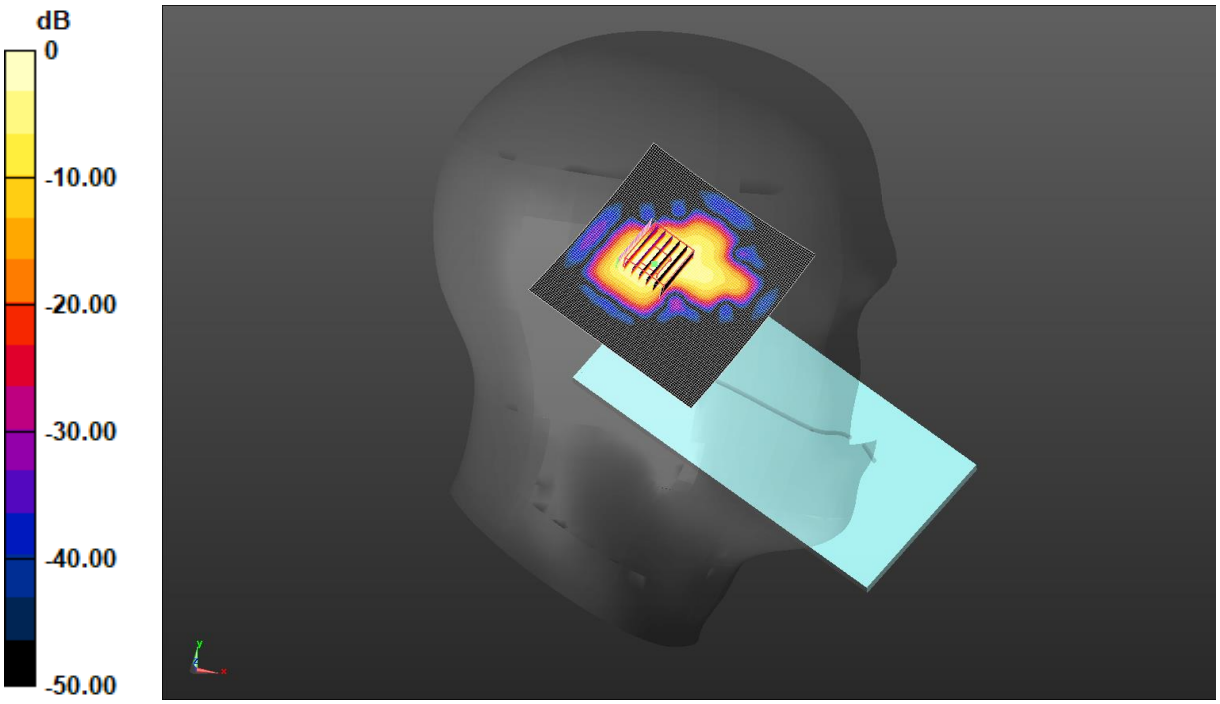
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 5.134 S/m; ε_r = 35.984; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5785 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Left Cheek/Middle Channel/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

5.8G WiFi Left Cheek/Middle Channel/Zoom Scan (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.391 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.096 W/kg
Smallest distance from peaks to all points 3 dB below = 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 49.2%
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

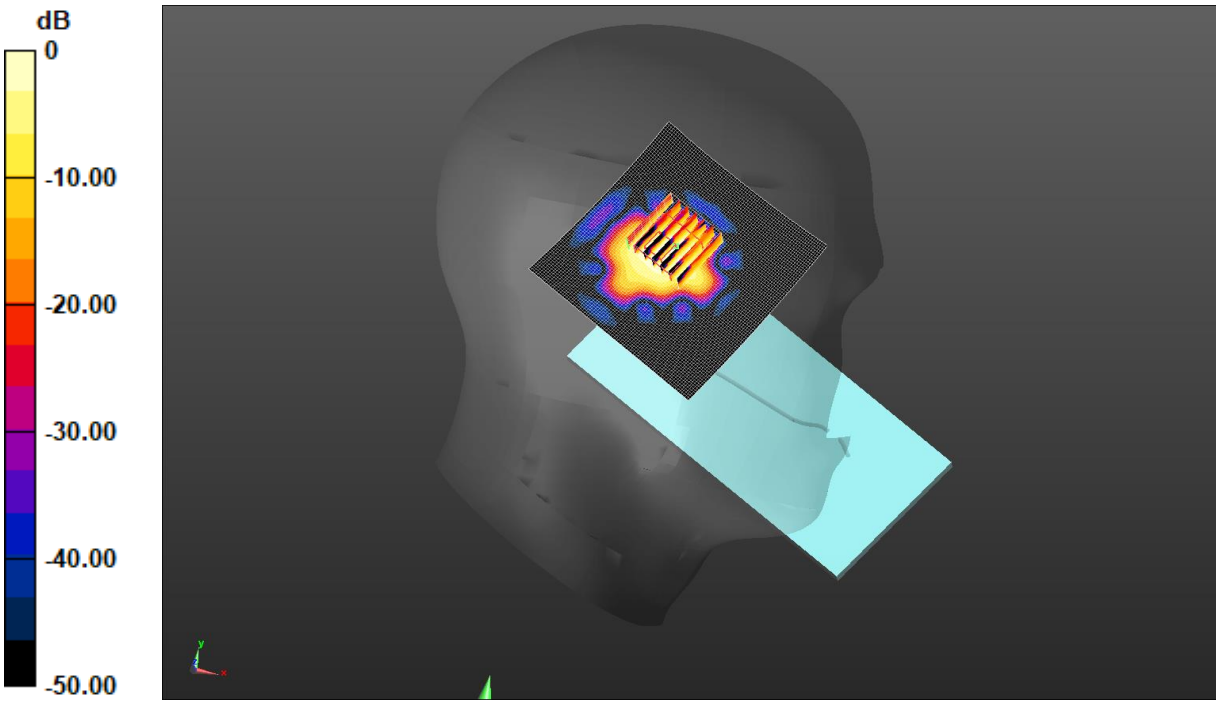
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2402 MHz; σ = 1.707 S/m; ε_r = 39.953; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2402 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

BT Left Cheek/Low Channel/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0522 W/kg
BT Left Cheek/Low Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.559 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0440 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00611 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
Ratio of SAR at M2 to SAR at M1 = 33.2%
Maximum value of SAR (measured) = 0.0318 W/kg



0 dB = 0.0522 W/kg = -12.82 dBW/kg

Test Laboratory: JYTSZ Date: 08.04.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

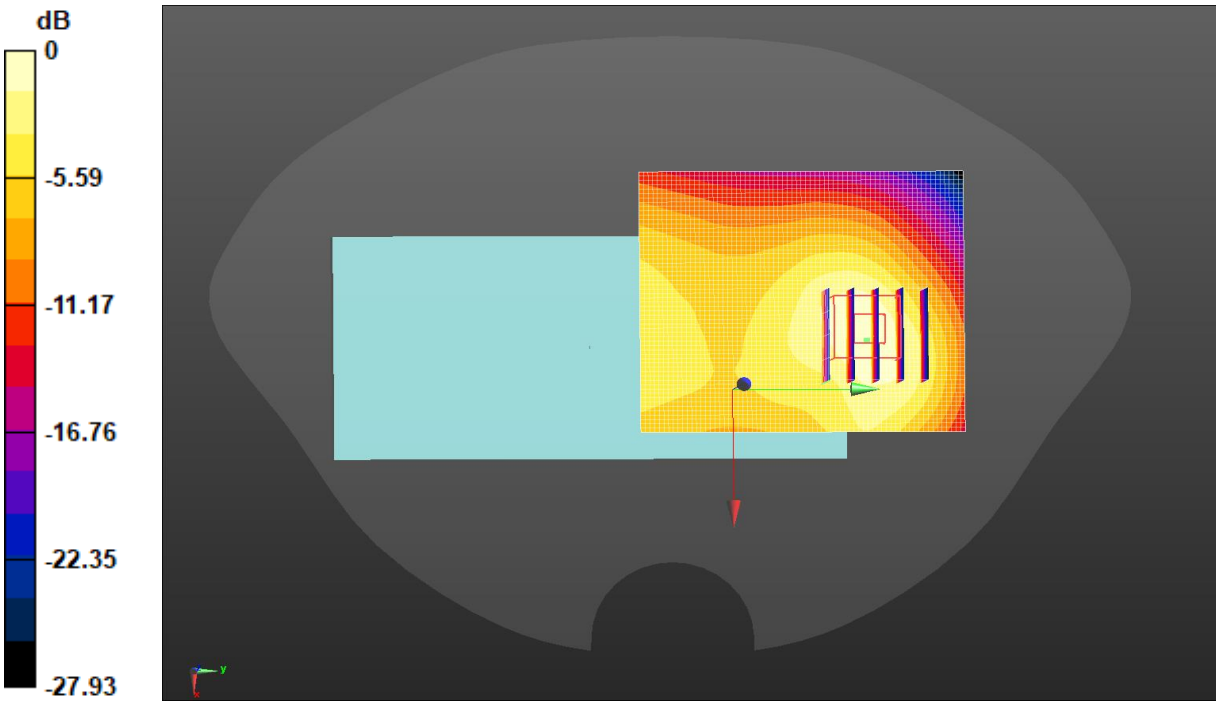
Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 848.8 MHz;Duty Cycle: 1:4.10015
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.898 S/m; ε_r = 42.172; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 848.8 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 850 2Slots Body back/High Channel/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.394 W/kg

GPRS 850 2Slots Body back/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.41 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.137 W/kg
Smallest distance from peaks to all points 3 dB below = 12.5 mm
Ratio of SAR at M2 to SAR at M1 = 49%
Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.394 W/kg = -4.04 dBW/kg

Test Laboratory: JYTSZ Date: 08.10.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; σ = 1.361 S/m; ε_r = 40.667; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

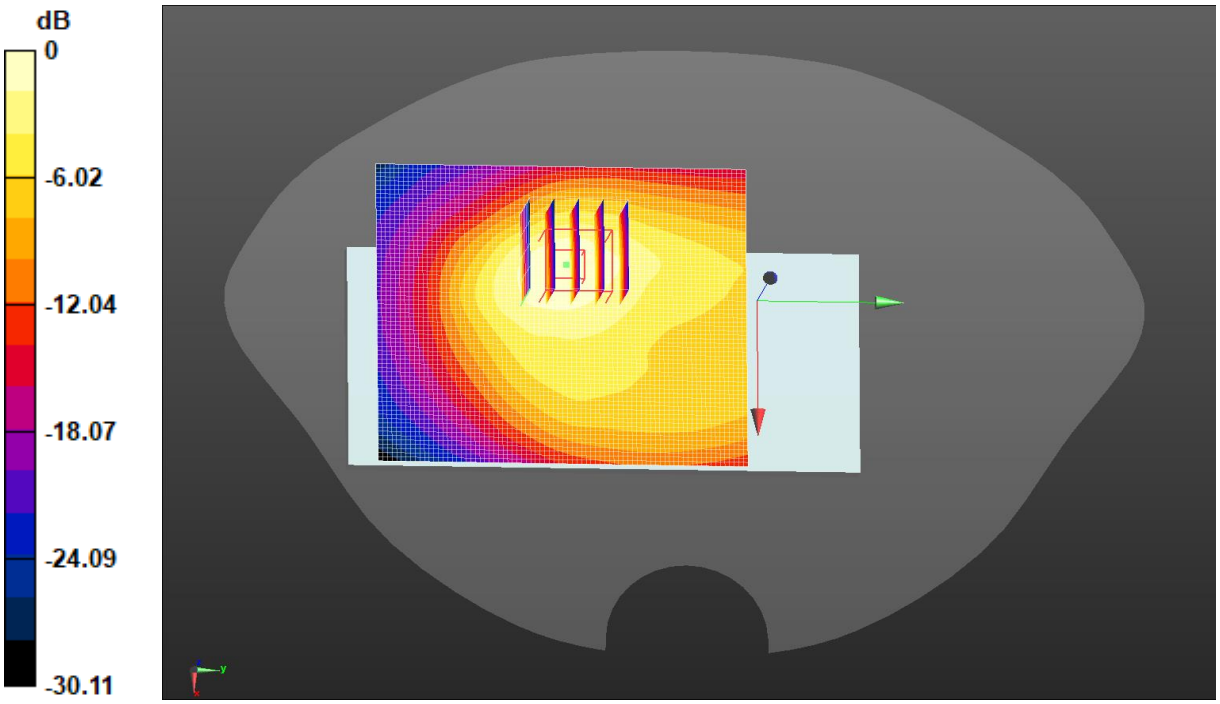
- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1880 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 1900 2Slots Body back/Middle Channel/Area Scan (71x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.831 W/kg

GPRS 1900 2Slots Body back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.29 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.985 W/kg
SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.287 W/kg
Smallest distance from peaks to all points 3 dB below = 13.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 0.781 W/kg



0 dB = 0.831 W/kg = -0.80 dBW/kg

Test Laboratory: JYTSZ Date: 08.10.2024

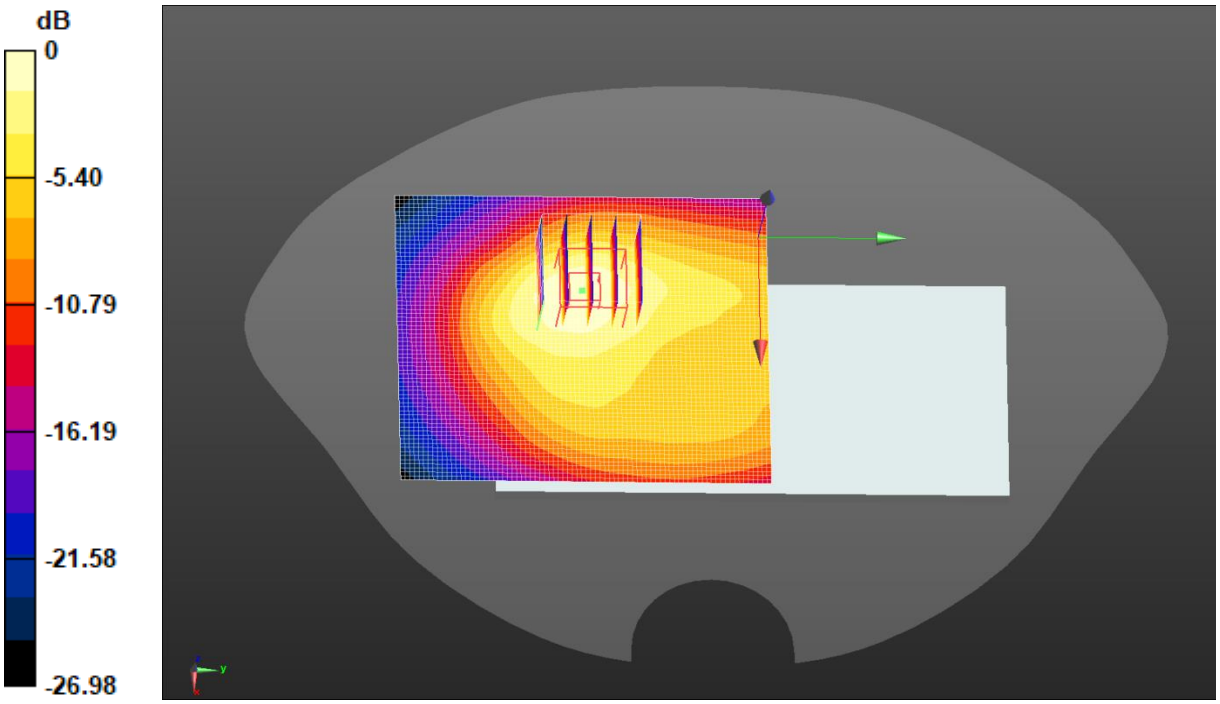
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.36 S/m; ε_r = 40.667; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1907.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Body Back/High Channel/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg
WCDMA 1900 Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.95 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.371 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 53.3%
Maximum value of SAR (measured) = 0.988 W/kg



0 dB = 1.06 W/kg = 0.27 dBW/kg

Test Laboratory: JYTSZ Date: 08.07.2024

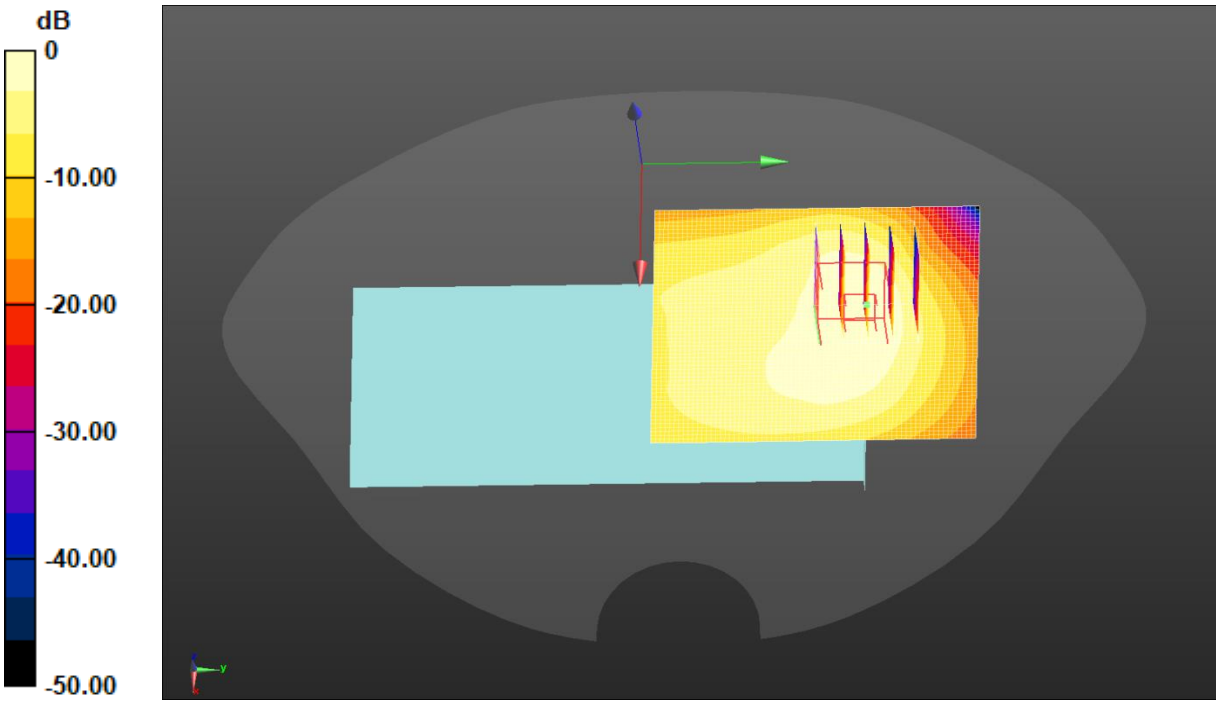
DUT: Mobile Phone; Type: X6531B; Serial: SZR142400082-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.325 S/m; ε_r = 40.774; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1732.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Body Back/Middle Channel/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.608 W/kg
WCDMA 1700 Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.28 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.720 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.239 W/kg
Smallest distance from peaks to all points 3 dB below = 11.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.1%
Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.608 W/kg = -2.16 dBW/kg

Test Laboratory: JYTSZ Date: 08.04.2024

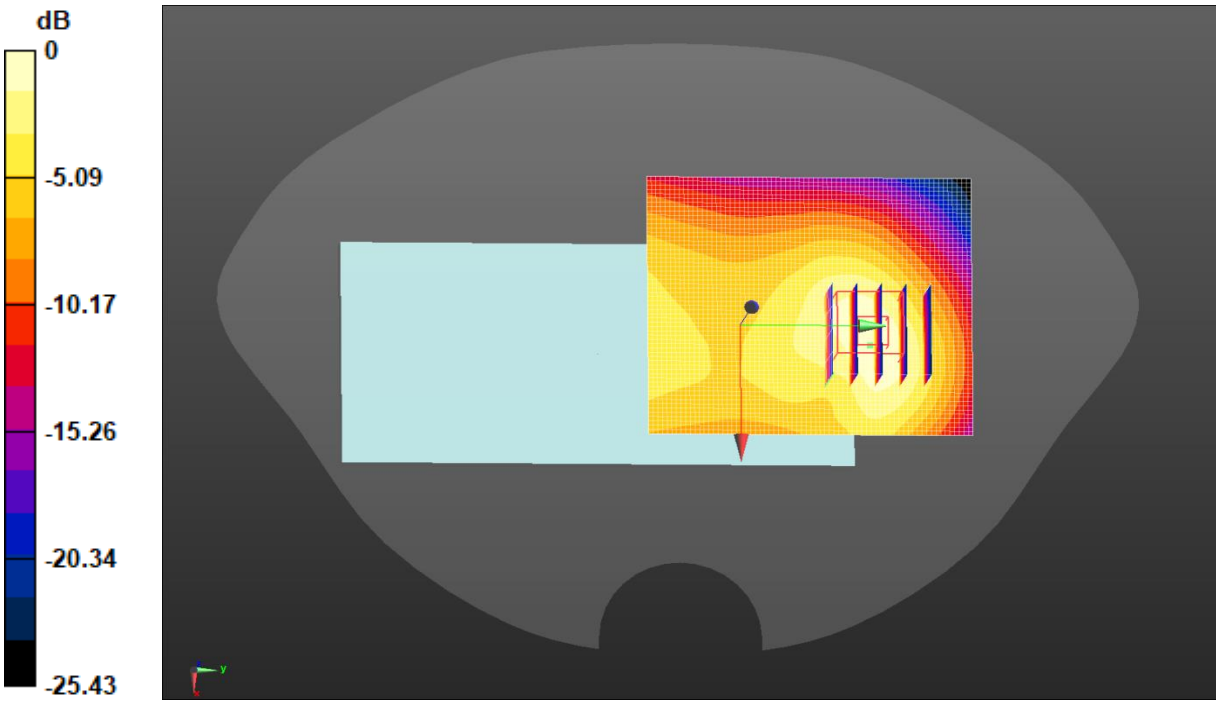
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.897 S/m; ε_r = 42.18; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 846.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Body Back/Highe Channel/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.248 W/kg
WCDMA 850 Body Back/Highe Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.939 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.088 W/kg
Smallest distance from peaks to all points 3 dB below = 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 50%
Maximum value of SAR (measured) = 0.244 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg

Test Laboratory: JYTSZ Date: 08.10.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.36 S/m; ε_r = 40.667; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

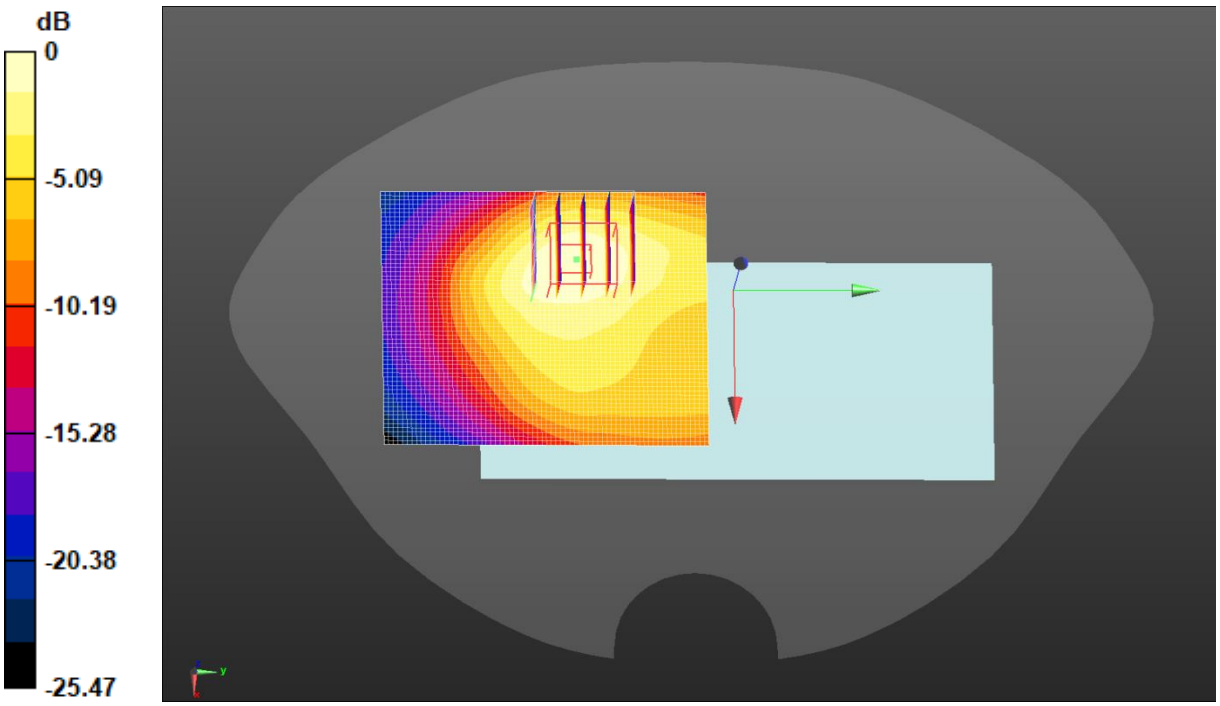
- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Body Back/High Channel/Area Scan (61x71x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.846 W/kg

LTE Band 2 1RB(20MHz) Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.97 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.317 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 54%
Maximum value of SAR (measured) = 0.832 W/kg



0 dB = 0.846 W/kg = -0.73 dBW/kg

Test Laboratory: JYTSZ Date: 08.07.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400082-2

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.332 S/m; ε_r = 40.754; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

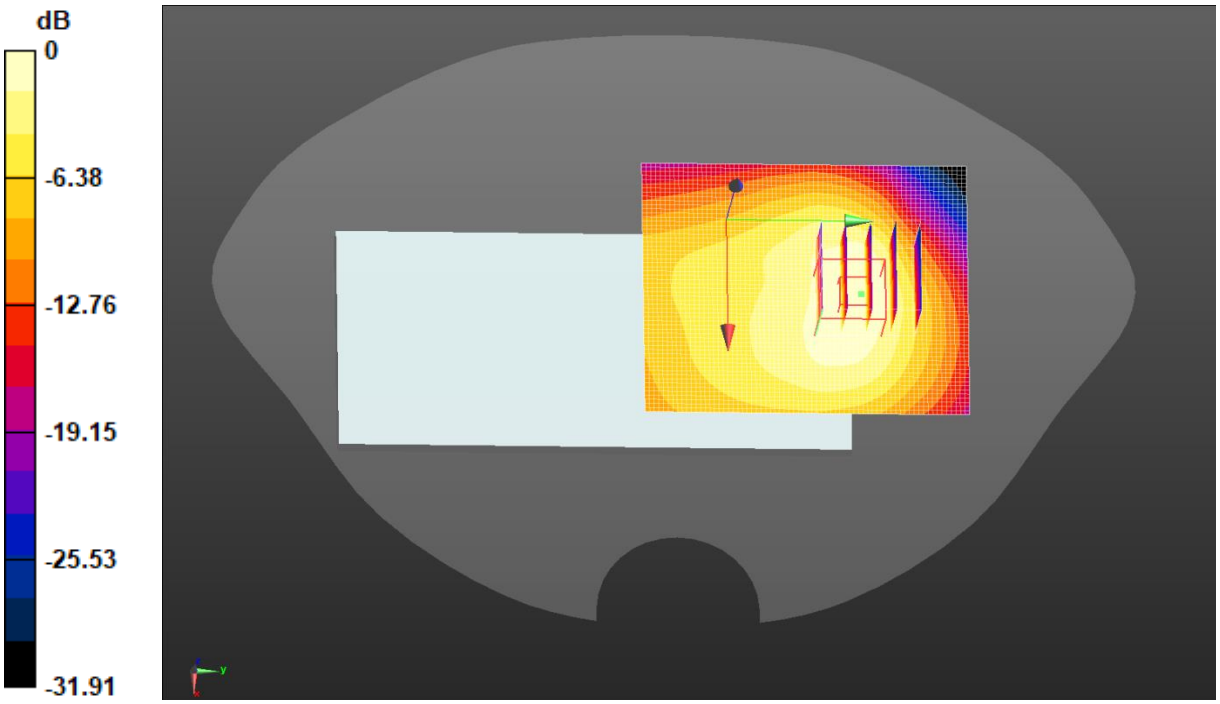
- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 4 1RB(20MHz) Body Back/High Channel/Area Scan (61x71x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.654 W/kg

LTE Band 4 1RB(20MHz) Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.62 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.736 W/kg
SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.256 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 57.6%
Maximum value of SAR (measured) = 0.608 W/kg



0 dB = 0.654 W/kg = -1.84 dBW/kg

Test Laboratory: JYTSZ Date: 08.04.2024

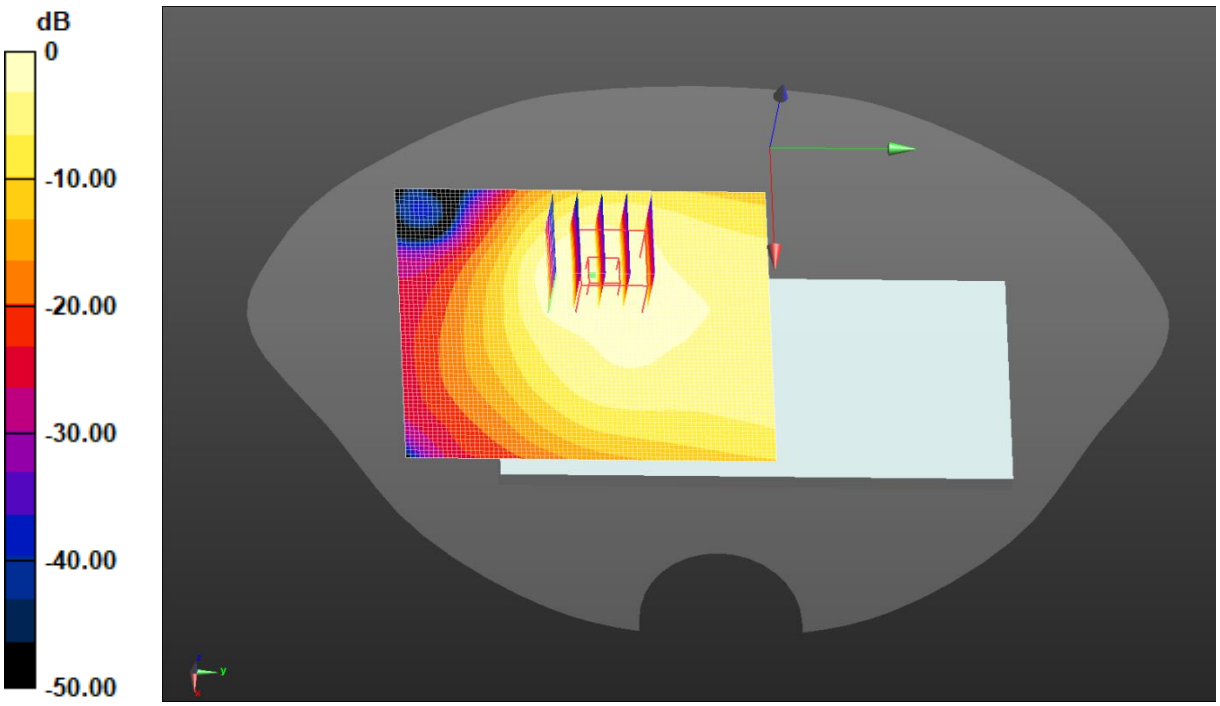
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 829 MHz; σ = 0.891 S/m; ε_r = 42.244; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 829 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Body Back/Low Channel/Area Scan (71x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.309 W/kg
LTE Band 5 1RB(10MHz) Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.54 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.380 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.121 W/kg
Smallest distance from peaks to all points 3 dB below = 12.5 mm
Ratio of SAR at M2 to SAR at M1 = 55.2%
Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

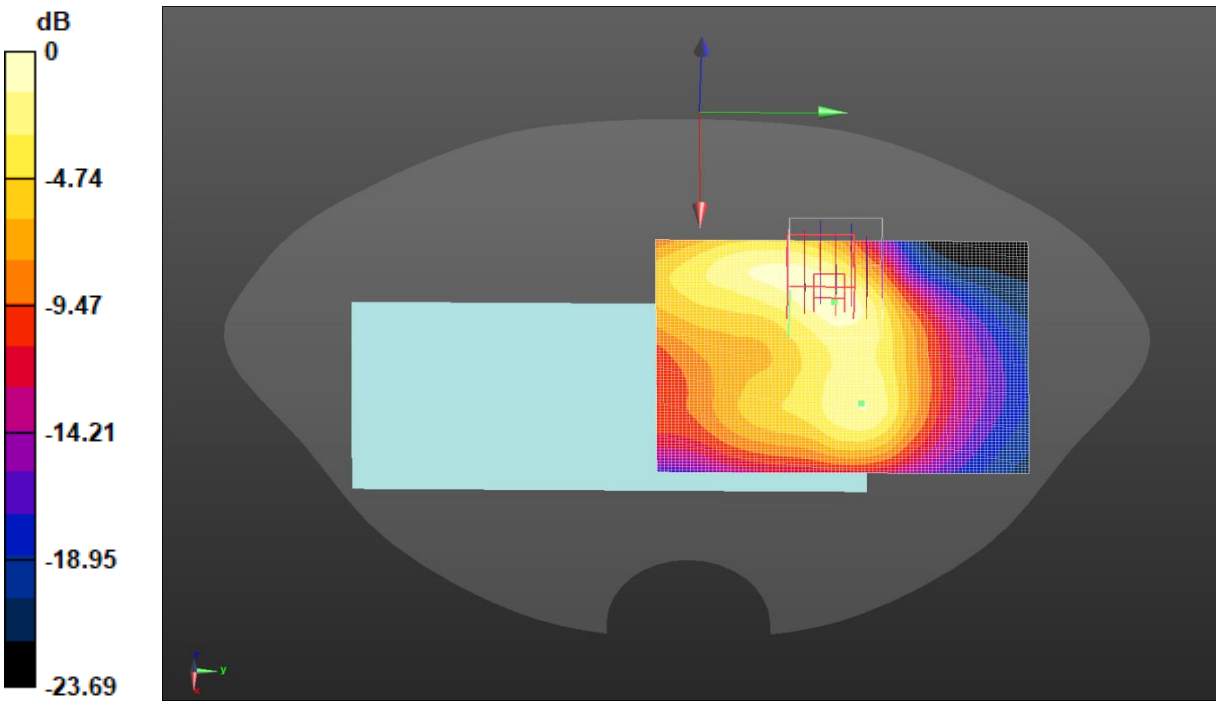
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.813 S/m; ε_r = 39.791; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2510 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Body Back/Low Channel/Area Scan (81x101x1):
Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.744 W/kg
LTE Band 7 1RB(20MHz) Body Back/Low Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.320 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.921 W/kg
SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.216 W/kg
Smallest distance from peaks to all points 3 dB below = 11.4 mm
Ratio of SAR at M2 to SAR at M1 = 44.8%
Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.744 W/kg = -1.28 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

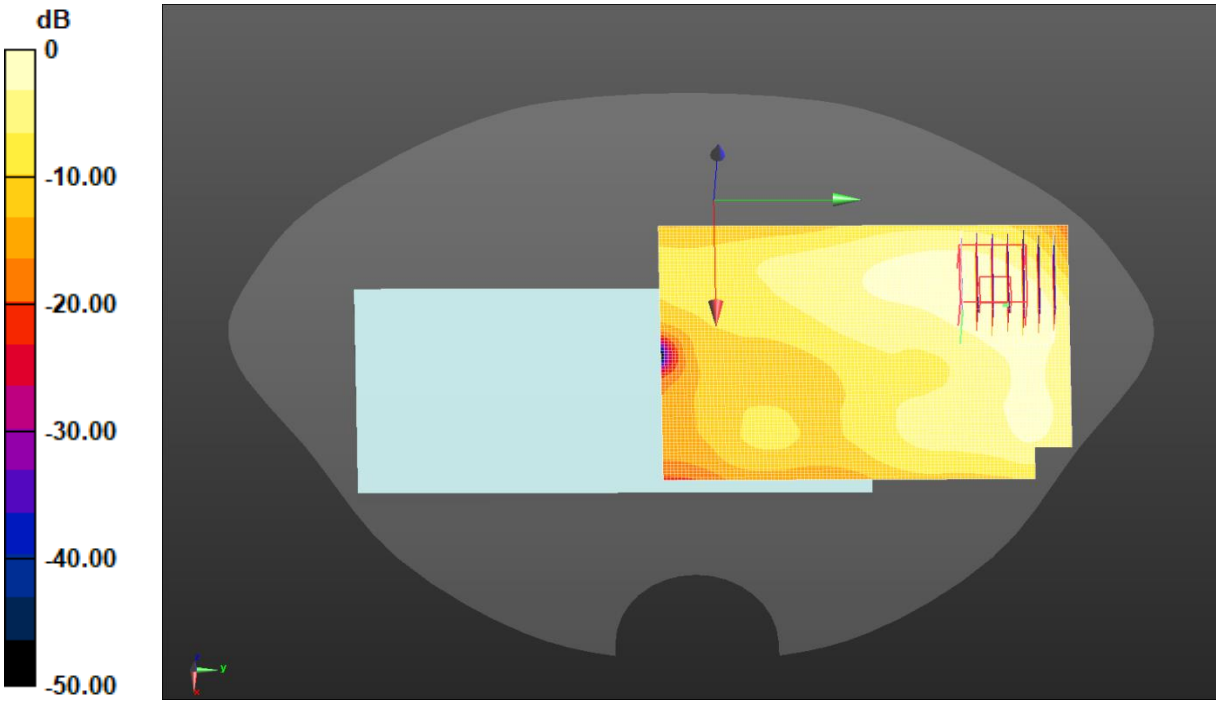
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2545 MHz;Duty Cycle: 1:1.59956
Medium parameters used (interpolated): f = 2545 MHz; σ = 1.85 S/m; ε_r = 39.746; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2545 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Body Back/Low Channel/Area Scan (81x111x1):
Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.329 W/kg
LTE Band 41 1RB(20MHz) Body Back/Low Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.609 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.106 W/kg
Smallest distance from peaks to all points 3 dB below = 13.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.329 W/kg = -4.82 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

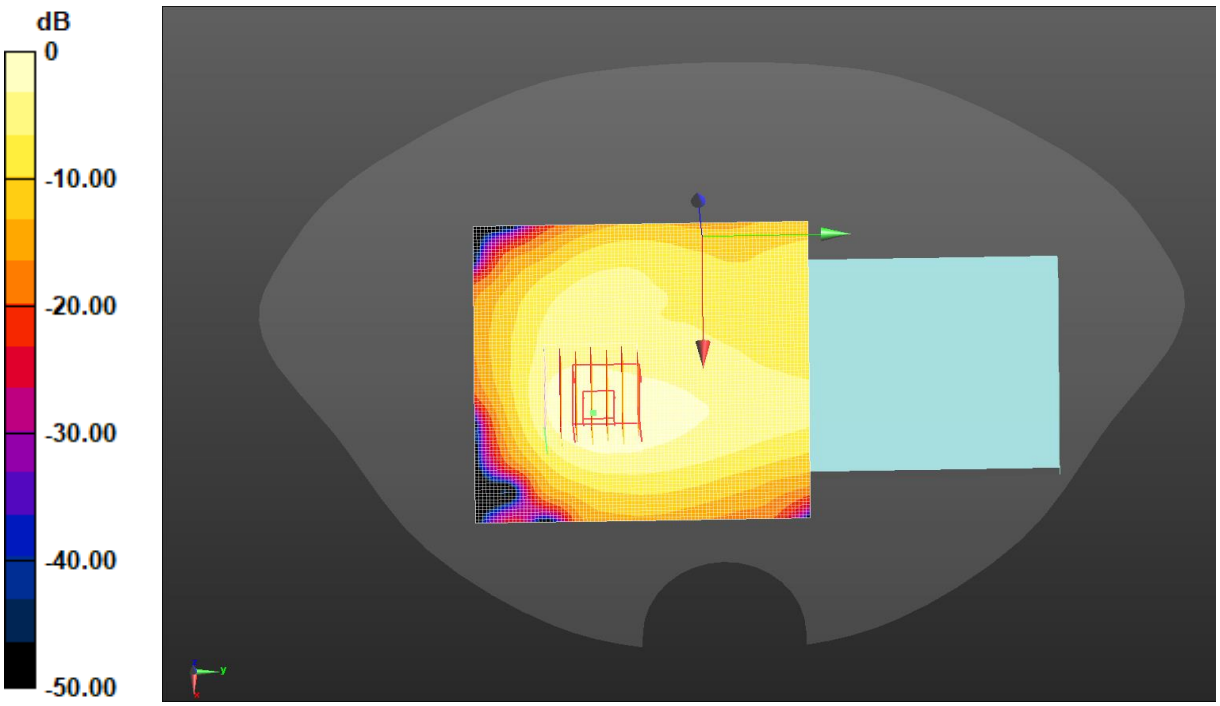
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.737 S/m; ε_r = 39.89; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2.4G WiFi Body Back/Middle Channel/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.147 W/kg

2.4G WiFi Body Back/Middle Channel/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.086 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.046 W/kg
Smallest distance from peaks to all points 3 dB below = 13.9 mm
Ratio of SAR at M2 to SAR at M1 = 49.1%
Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.147 W/kg = -8.34 dBW/kg

Test Laboratory: JYTSZ Date: 08.16.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

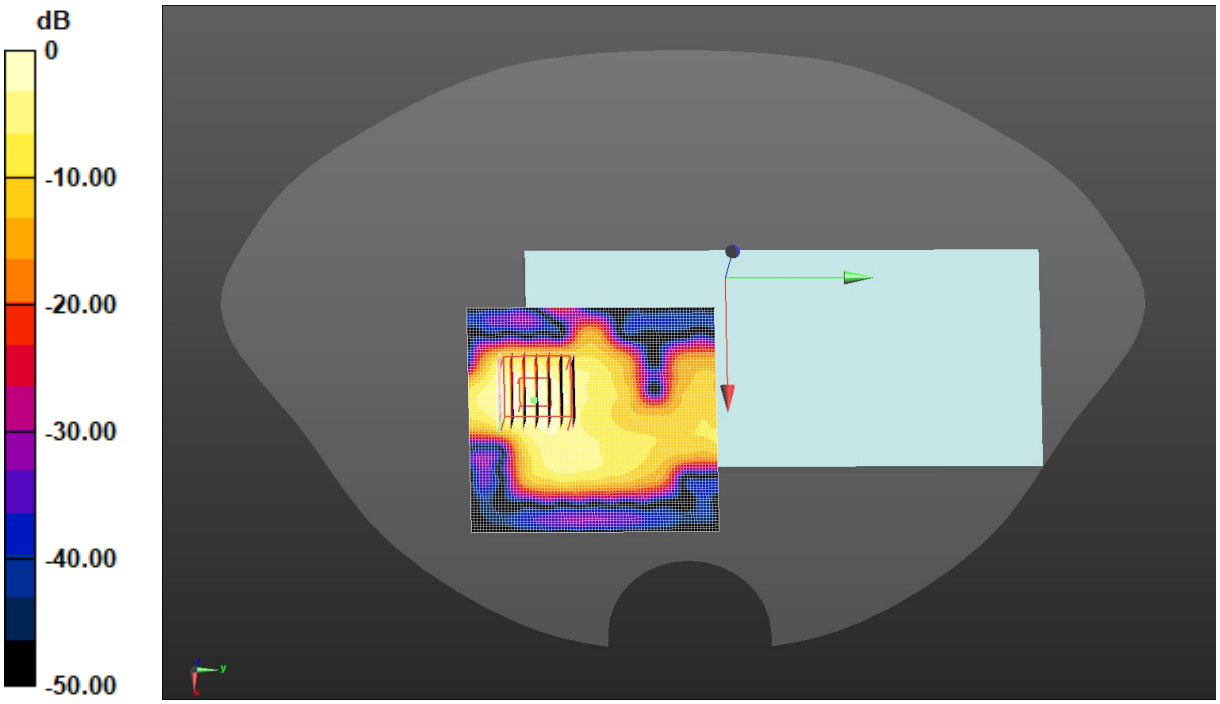
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.586 S/m; ε_r = 36.607; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5240 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Body Back/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.429 W/kg

5.2G WiFi Body Back/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.009 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.049 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 55%
Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

Test Laboratory: JYTSZ Date: 08.19.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

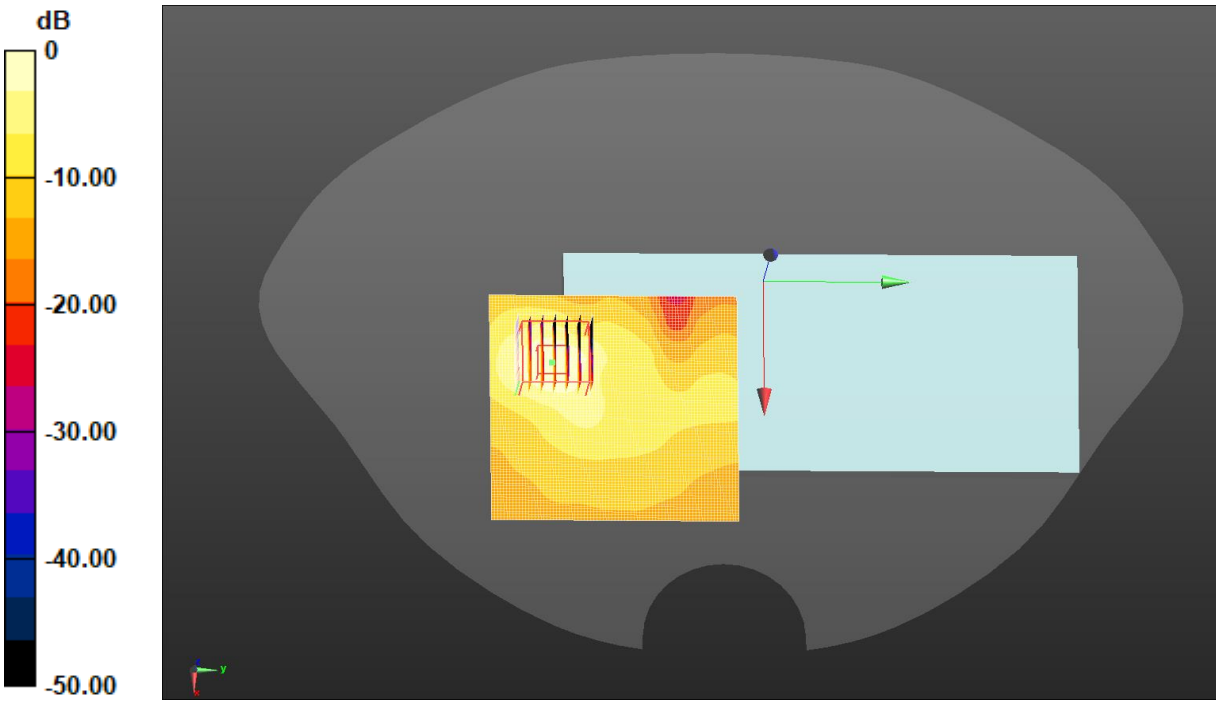
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5280 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.627 S/m; ε_r = 36.562; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5280 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Body Back/Middle Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.425 W/kg

5.3G WiFi Body Back/Middle Channel/Zoom Scan (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.894 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.684 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.055 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 54.8%
Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.428 W/kg = -3.69 dBW/kg

Test Laboratory: JYTSZ Date: 08.22.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

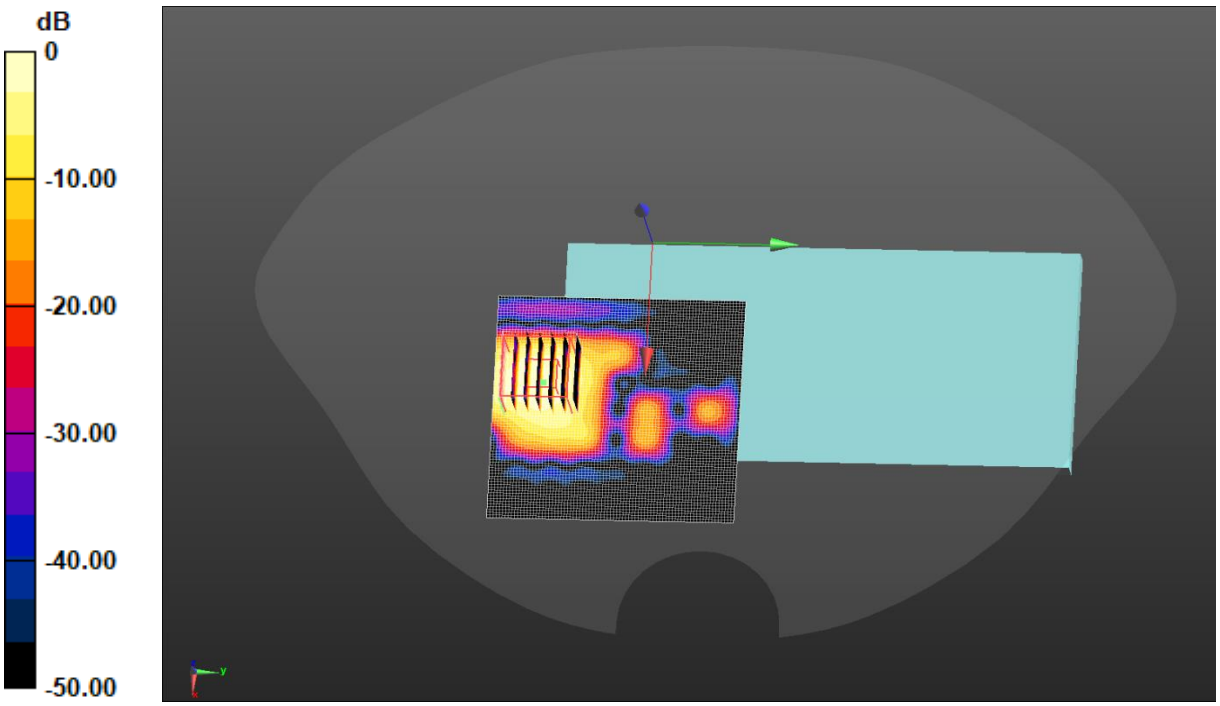
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.847 S/m; ε_r = 36.31; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5500 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.6G WiFi Body Back/Low Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.971 W/kg

5.6G WiFi Body Back/Low Channel/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) = 1.28 W/kg
SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.103 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 53.3%
Maximum value of SAR (measured) = 0.797 W/kg



0 dB = 0.797 W/kg = −0.99 dBW/kg

Test Laboratory: JYTSZ Date: 08.25.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

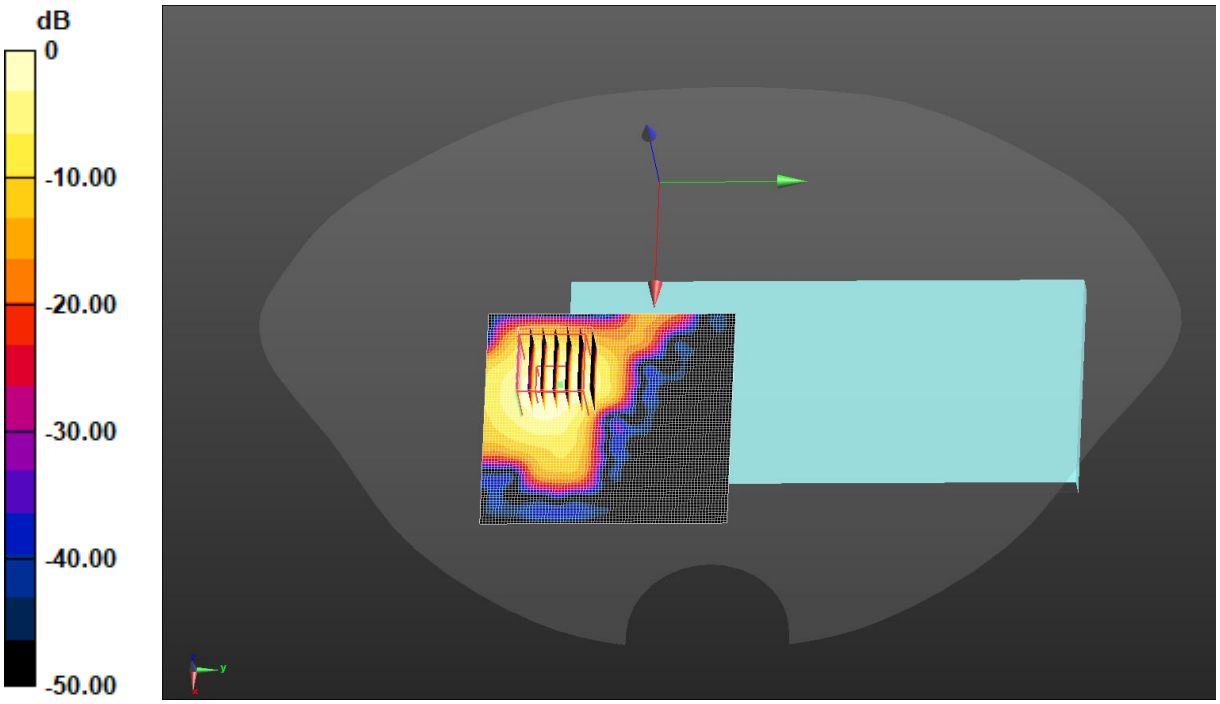
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 5.134 S/m; ε_r = 35.984; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5785 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Body Back/Middle Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.914 W/kg

5.8G WiFi Body Back/Middle Channel/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) = 1.50 W/kg
SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.121 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 50.5%
Maximum value of SAR (measured) = 0.874 W/kg



0 dB = 0.874 W/kg = -0.58 dBW/kg

Test Laboratory: JYTSZ Date: 08.13.2024

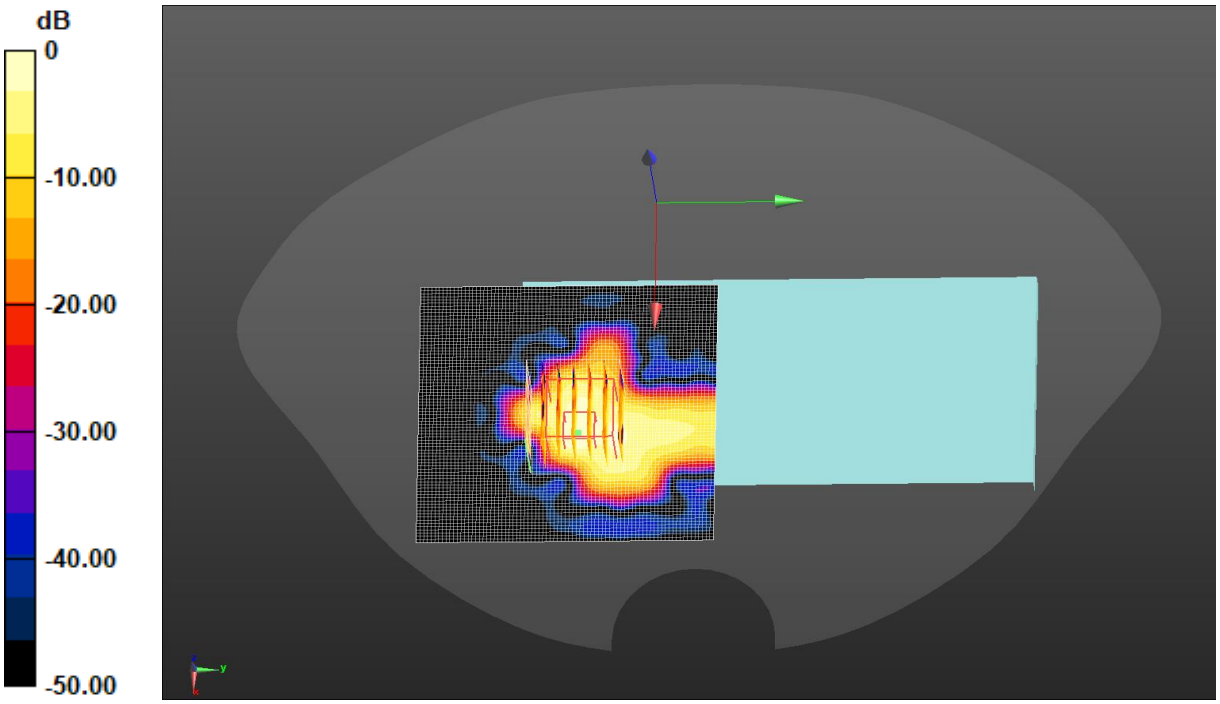
DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2402 MHz; σ = 1.707 S/m; ε_r = 39.953; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2402 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Back/Low Channel/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0175 W/kg
Bluetooth Body Back/Low Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.2160 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0140 W/kg
SAR(1 g) = 0.006 W/kg; SAR(10 g) = 0.00216 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
Ratio of SAR at M2 to SAR at M1 = 34.2%
Maximum value of SAR (measured) = 0.0110 W/kg



0 dB = 0.0175 W/kg = -17.57 dBW/kg

Test Laboratory: JYTSZ Date: 08.16.2024

DUT: Mobile Phone; Type: X6532C; Serial: SZR142400082-2

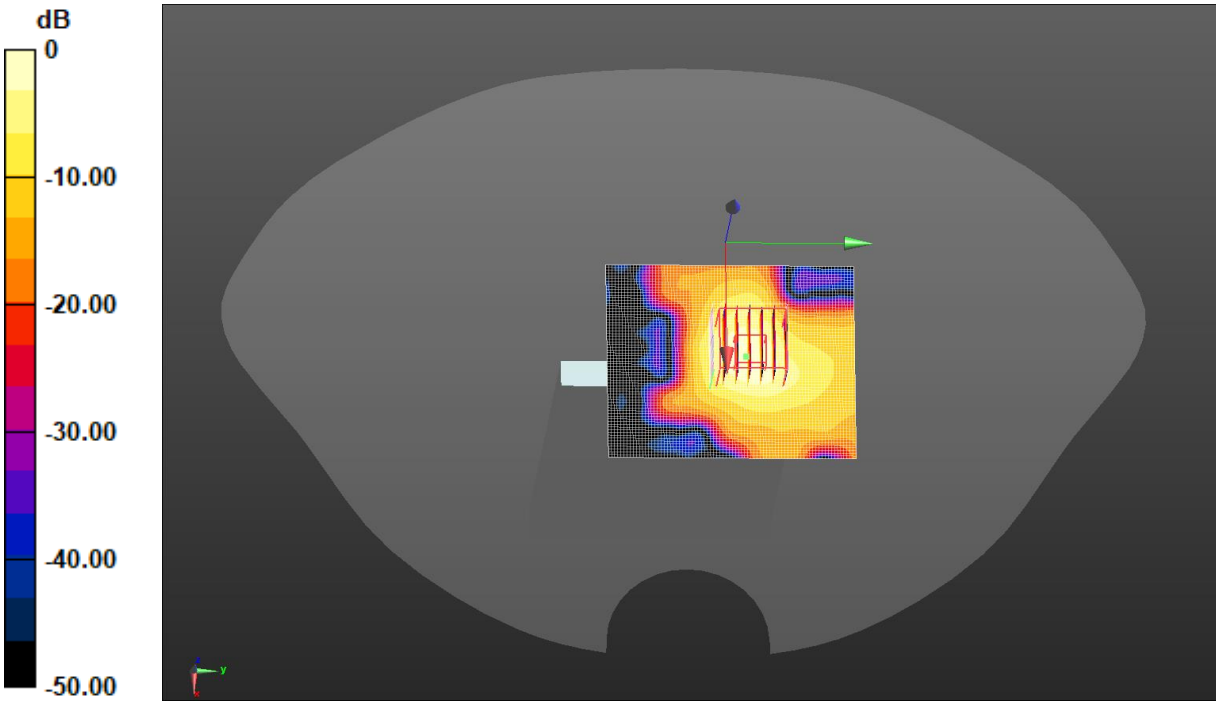
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.586 S/m; ε_r = 36.607; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5240 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Body Top/High Channel/Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.446 W/kg

5.2G WiFi Body Top/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.508 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.052 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 55.3%
Maximum value of SAR (measured) = 0.414 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

------End of Report------