14 Exposure Positions Consideration

14.1 EUT Antenna Locations

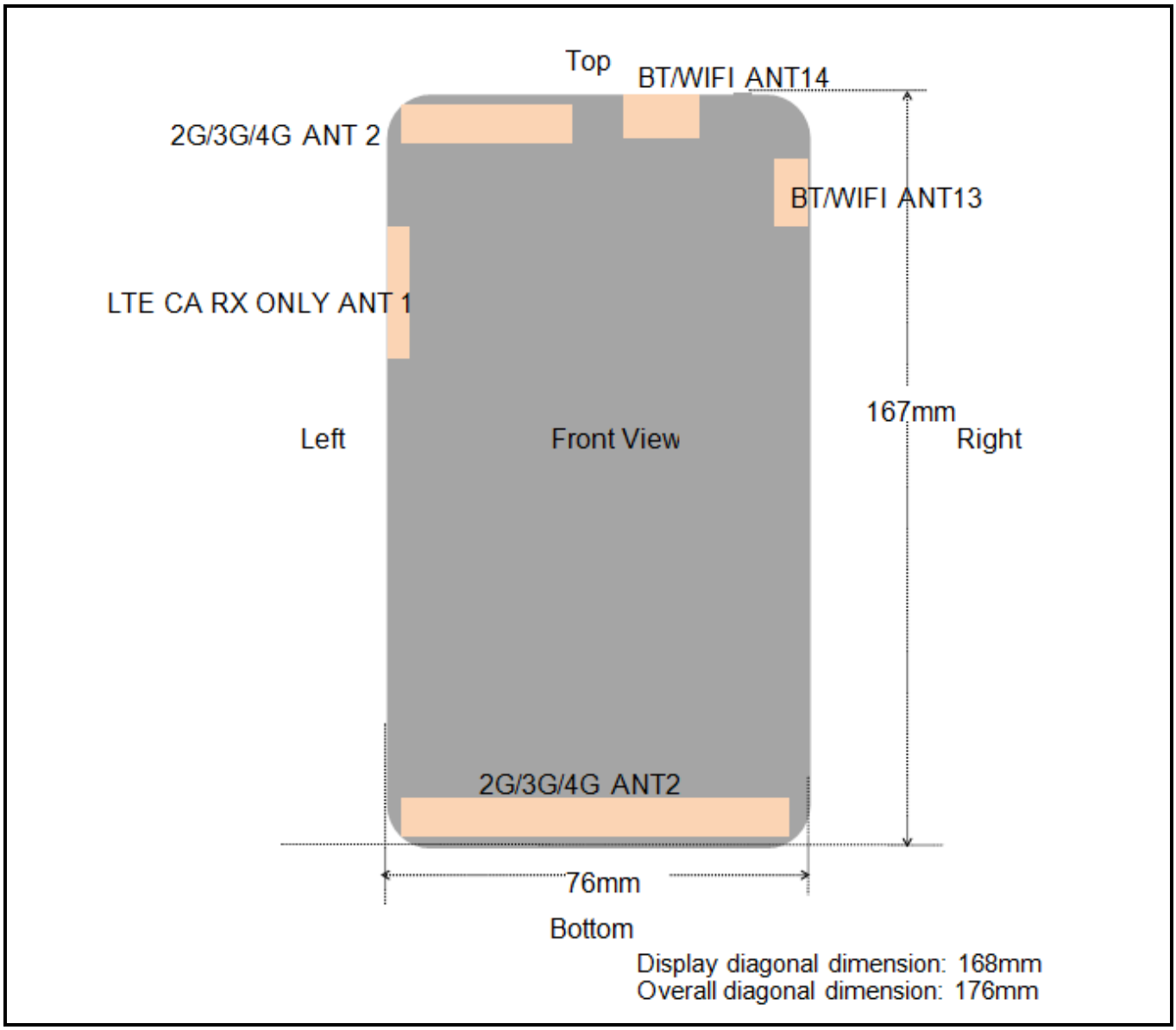


Fig.14.1 EUT Antenna Locations

Note: This antenna diagram is only used as a reference for the distance from the antenna to each edge. For the specific shape of the antenna, please refer to the physical photo.

14.2 Test Positions Consideration

Distance of Antennas to EUT edge/surface Test distance: 10mm						
Antennas	**Front**	**Back**	**Left Side**	**Right Side**	**Top Side**	**Bottom Side**
2G/3G/4GANT0	<25mm	<25mm	<25mm	<25mm	155mm	<25mm
2G/3G/4GANT2	<25mm	<25mm	<25mm	35mm	<25mm	150mm
WLAN & Bluetooth ANT13	<25mm	<25mm	70mm	<25mm	<25mm	132mm
WLAN & Bluetooth ANT14	<25mm	<25mm	45mm	<25mm	<25mm	153mm

Test Positions Test distance: 10mm						
Antennas	**Front**	**Back**	**Left Side**	**Right Side**	**Top Side**	**Bottom Side**
2G/3G/4GANT0	Yes	Yes	Yes	Yes	No	Yes
2G/3G/4GANT2	Yes	Yes	Yes	No	Yes	No
WLAN & Bluetooth ANT13	Yes	Yes	No	Yes	Yes	No
WLAN & Bluetooth ANT14	Yes	Yes	No	Yes	Yes	No

Note:

1. Head/Body-worn/Hotspot mode SAR assessments are required.
2. Referring to KDB 941225 D06 v02r01, when the overall device length and width are ≥ 9cm * 5cm, the test distance is 10mm. SAR must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge.
3. Per KDB 447498 D04v01, for handsets the test separation distance is determined by the smallest distance between the outer surface of the device and the user, which is 0 mm for head SAR, 10 mm for hotspot SAR, and 10 mm for body-worn SAR.
4. Per KDB 648474 D04 v01r03, when hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg

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)
	GSM850/Voice	2	Right Cheek	190	836.6	33.89	0.12	34.0	0.766	1.026	0.786
1	GSM850/Voice	2	Right Tilted	190	836.6	33.89	0.04	34.0	**0.789**	1.026	0.810
	GSM850/Voice	2	Left Cheek	190	836.6	33.89	-0.10	34.0	0.614	1.026	0.630
	GSM850/Voice	2	Left Tilted	190	836.6	33.89	0.18	34.0	0.628	1.026	0.644
	GSM850/Voice	2	Right Tilted	128	824.2	33.59	0.12	34.0	0.721	1.099	0.792
	GSM850/Voice	2	Right Tilted	251	848.8	33.57	0.19	34.0	0.716	1.104	0.790
	GSM850/Voice	0	Right Cheek	190	836.6	33.43	0.09	33.5	0.028	1.016	0.028
	GSM850/Voice	0	Right Tilted	190	836.6	33.43	0.08	33.5	0.021	1.016	0.021
	GSM850/Voice	0	Left Cheek	190	836.6	33.43	-0.09	33.5	0.025	1.016	0.025
	GSM850/Voice	0	Left Tilted	190	836.6	33.43	-0.07	33.5	0.020	1.016	0.020
	PCS1900/Voice	2	Right Cheek	661	1880	31.33	0.19	31.5	0.653	1.04	0.679
2	PCS1900/Voice	2	Right Tilted	661	1880	31.33	0.09	31.5	**0.679**	1.04	0.706
	PCS1900/Voice	2	Left Cheek	661	1880	31.33	-0.09	31.5	0.371	1.04	0.386
	PCS1900/Voice	2	Left Tilted	661	1880	31.33	-0.20	31.5	0.388	1.04	0.404
	PCS1900/Voice	0	Right Cheek	661	1880	30.30	0.07	30.5	0.073	1.047	0.077
	PCS1900/Voice	0	Right Tilted	661	1880	30.30	-0.11	30.5	0.044	1.047	0.046
	PCS1900/Voice	0	Left Cheek	661	1880	30.30	-0.05	30.5	0.064	1.047	0.067
	PCS1900/Voice	0	Left Tilted	661	1880	30.30	0.01	30.5	0.040	1.047	0.042
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	2	Right Cheek	9538	1907.6	24.03	0.16	24.5	0.711	1.114	0.792
3	Band II/RMC	2	Right Tilted	9538	1907.6	24.03	0.05	24.5	**0.753**	1.114	0.839
	Band II/RMC	2	Left Cheek	9538	1907.6	24.03	-0.04	24.5	0.405	1.114	0.451
	Band II/RMC	2	Left Tilted	9538	1907.6	24.03	-0.02	24.5	0.412	1.114	0.459
	Band II/RMC	2	Right Tilted	9262	1852.4	23.65	-0.14	24.5	0.673	1.216	0.818
	Band II/RMC	2	Right Tilted	9400	1880	23.99	0.01	24.5	0.692	1.125	0.779
	Band II/RMC	0	Right Cheek	9538	1907.6	23.62	-0.14	24.0	0.128	1.091	0.140
	Band II/RMC	0	Right Tilted	9538	1907.6	23.62	-0.20	24.0	0.043	1.091	0.047
	Band II/RMC	0	Left Cheek	9538	1907.6	23.62	0.01	24.0	0.082	1.091	0.089
	Band II/RMC	0	Left Tilted	9538	1907.6	23.62	0.13	24.0	0.037	1.091	0.040
	Band IV/RMC	2	Right Cheek	1312	1712.4	23.85	0.00	24.0	0.686	1.035	0.710
4	Band IV/RMC	2	Right Tilted	1312	1712.4	23.85	0.06	24.0	**0.718**	1.035	0.743
	Band IV/RMC	2	Left Cheek	1312	1712.4	23.85	0.07	24.0	0.436	1.035	0.451
	Band IV/RMC	2	Left Tilted	1312	1712.4	23.85	0.10	24.0	0.443	1.035	0.459
	Band IV/RMC	0	Right Cheek	1312	1712.4	23.40	0.08	23.5	0.024	1.023	0.024
	Band IV/RMC	0	Right Tilted	1312	1712.4	23.40	0.03	23.5	0.015	1.023	0.015
	Band IV/RMC	0	Left Cheek	1312	1712.4	23.40	-0.01	23.5	0.022	1.023	0.022
	Band IV/RMC	0	Left Tilted	1312	1712.4	23.40	-0.10	23.5	0.012	1.023	0.012
	Band V/RMC	2	Right Cheek	4183	836.6	24.22	0.00	24.5	0.941	1.067	1.004
5	Band V/RMC	2	Right Tilted	4183	836.6	24.22	0.04	24.5	**1.030**	1.067	1.099
	Band V/RMC	2	Left Cheek	4183	836.6	24.22	-0.17	24.5	0.744	1.067	0.794
	Band V/RMC	2	Left Tilted	4183	836.6	24.22	-0.11	24.5	0.789	1.067	0.842
	Band V/RMC	2	Right Cheek	4132	826.4	24.08	0.05	24.5	0.627	1.102	0.691
	Band V/RMC	2	Right Cheek	4233	846.6	24.11	0.09	24.5	0.702	1.094	0.768
	Band V/RMC	2	Right Tilted	4132	826.4	24.08	0.12	24.5	0.827	1.102	0.911
	Band V/RMC	2	Right Tilted	4233	846.6	24.11	0.00	24.5	0.802	1.094	0.877
	Band V/RMC	2	Left Tilted	4132	826.4	24.08	0.06	24.5	0.722	1.102	0.796
	Band V/RMC	2	Left Tilted	4233	846.6	24.11	0.10	24.5	0.693	1.094	0.758
	Band V/RMC	0	Right Cheek	4183	836.6	24.10	-0.08	24.5	0.069	1.096	0.076
	Band V/RMC	0	Right Tilted	4183	836.6	24.10	-0.19	24.5	0.046	1.096	0.050
	Band V/RMC	0	Left Cheek	4183	836.6	24.10	0.02	24.5	0.057	1.096	0.062
	Band V/RMC	0	Left Tilted	4183	836.6	24.10	-0.11	24.5	0.043	1.096	0.047
	Band V/RMC	**2**	**Right Tilted**	**4183**	**836.6**	**24.22**	**-0.11**	**24.5**	**0.968**	**1.067**	**1.033**
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	2	Right Cheek	19100	1900	24.29	0.03	24.5	0.801	1.05	0.841
	Band2/1RB#49	2	Right Tilted	19100	1900	24.29	-0.06	24.5	0.828	1.05	0.869
	Band2/1RB#49	2	Left Cheek	19100	1900	24.29	0.03	24.5	0.496	1.05	0.521
	Band2/1RB#49	2	Left Tilted	19100	1900	24.29	0.03	24.5	0.514	1.05	0.540
	Band2/1RB#49	2	Right Cheek	18700	1860	23.99	0.09	24.5	0.741	1.125	0.834
	Band2/1RB#49	2	Right Cheek	18900	1880	24.21	-0.02	24.5	0.753	1.069	0.805
6	Band2/1RB#49	2	Right Tilted	18700	1860	23.99	0.03	24.5	**0.866**	1.125	0.974
	Band2/1RB#99 CA	2	Right Tilted	18700	1860	21.65	0.00	22.0	0.638	1.084	0.692
	Band2/1RB#49	2	Right Tilted	18900	1880	24.21	0.07	24.5	0.795	1.069	0.850
	Band2/50%RB#49	2	Right Cheek	19100	1900	23.25	-0.04	23.5	0.715	1.059	0.757
	Band2/50%RB#49	2	Right Tilted	19100	1900	23.25	0.15	23.5	0.731	1.059	0.774
	Band2/50%RB#49	2	Left Cheek	19100	1900	23.25	-0.08	23.5	0.433	1.059	0.459
	Band2/50%RB#49	2	Left Tilted	19100	1900	23.25	0.15	23.5	0.452	1.059	0.479
	Band2/100%RB#0	2	Right Cheek	19100	1900	22.80	0.12	23.0	0.712	1.047	0.745
	Band2/100%RB#0	2	Right Tilted	19100	1900	22.80	0.14	23.0	0.728	1.047	0.762
	Band2/1RB#99	0	Right Cheek	19100	1900	23.95	0.07	24.0	0.085	1.012	0.086
	Band2/1RB#99	0	Right Tilted	19100	1900	23.95	-0.08	24.0	0.052	1.012	0.053
	Band2/1RB#99	0	Left Cheek	19100	1900	23.95	0.16	24.0	0.091	1.012	0.092
	Band2/1RB#99 CA	0	Left Cheek	19100	1900	21.09	0.17	21.5	0.020	1.099	0.022
	Band2/1RB#99	0	Left Tilted	19100	1900	23.95	0.07	24.0	0.056	1.012	0.057
	Band2/50%RB#49	0	Right Cheek	18900	1880	22.80	-0.17	23.0	0.076	1.047	0.080
	Band2/50%RB#49	0	Right Tilted	18900	1880	22.80	-0.12	23.0	0.050	1.047	0.052
	Band2/50%RB#49	0	Left Cheek	18900	1880	22.80	0.04	23.0	0.086	1.047	0.090
	Band2/50%RB#49	0	Left Tilted	18900	1880	22.80	0.11	23.0	0.052	1.047	0.054
	Band2/1RB#49	**2**	**Right Tilted**	**18700**	**1860**	**23.99**	**-0.02**	**24.5**	**0.823**	**1.125**	**0.926**
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	2	Right Cheek	20300	1745	23.94	0.14	24.0	0.619	1.014	0.628
7	Band4/1RB#49	2	Right Tilted	20300	1745	23.94	0.03	24.0	**0.654**	1.014	0.663
	Band4/1RB#49	2	Left Cheek	20300	1745	23.94	-0.12	24.0	0.336	1.014	0.341
	Band4/1RB#49	2	Left Tilted	20300	1745	23.94	0.18	24.0	0.386	1.014	0.391
	Band4/50%RB#0	2	Right Cheek	20300	1745	22.79	-0.18	23.0	0.587	1.05	0.616
	Band4/50%RB#0	2	Right Tilted	20300	1745	22.79	-0.19	23.0	0.618	1.05	0.649
	Band4/50%RB#0	2	Left Cheek	20300	1745	22.79	-0.07	23.0	0.311	1.05	0.327
	Band4/50%RB#0	2	Left Tilted	20300	1745	22.79	0.07	23.0	0.360	1.05	0.378
	Band4/1RB#49	0	Right Cheek	20300	1745	23.47	0.00	23.5	0.016	1.007	0.016
	Band4/1RB#49	0	Right Tilted	20300	1745	23.47	-0.10	23.5	0.009	1.007	0.009
	Band4/1RB#49	0	Left Cheek	20300	1745	23.47	0.04	23.5	0.019	1.007	0.019
	Band4/1RB#49	0	Left Tilted	20300	1745	23.47	-0.05	23.5	0.009	1.007	0.009
	Band4/50%RB#24	0	Right Cheek	20050	1720	22.31	0.14	22.5	0.014	1.045	0.015
	Band4/50%RB#24	0	Right Tilted	20050	1720	22.31	-0.04	22.5	0.008	1.045	0.008
	Band4/50%RB#24	0	Left Cheek	20050	1720	22.31	0.17	22.5	0.017	1.045	0.018
	Band4/50%RB#24	0	Left Tilted	20050	1720	22.31	0.16	22.5	0.009	1.045	0.009
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)
	Band5/1RB#24	2	Right Cheek	20525	836.5	24.15	-0.02	24.5	0.827	1.084	0.896
8	Band5/1RB#24	2	Right Tilted	20525	836.5	24.15	0.02	24.5	**0.873**	1.084	0.946
	Band5/1RB#49 CA	2	Right Tilted	20476	831.6	22.20	0.01	22.5	0.629	1.072	0.674
	Band5/1RB#24	2	Left Cheek	20525	836.5	24.15	-0.01	24.5	0.671	1.084	0.727
	Band5/1RB#24	2	Left Tilted	20525	836.5	24.15	0.20	24.5	0.686	1.084	0.744
	Band5/1RB#49	2	Right Cheek	20450	829	24.04	0.14	24.5	0.801	1.112	0.891
	Band5/1RB#24	2	Right Cheek	20600	844	23.98	-0.12	24.5	0.793	1.127	0.894
	Band5/1RB#49	2	Right Tilted	20450	829	24.04	0.04	24.5	0.715	1.112	0.795
	Band5/1RB#24	2	Right Tilted	20600	844	23.98	0.17	24.5	0.798	1.127	0.899
	Band5/50%RB#12	2	Right Cheek	20525	836.5	23.04	-0.11	23.5	0.705	1.112	0.784
	Band5/50%RB#12	2	Right Tilted	20525	836.5	23.04	-0.08	23.5	0.713	1.112	0.793
	Band5/50%RB#12	2	Left Cheek	20525	836.5	23.04	0.10	23.5	0.623	1.112	0.693
	Band5/50%RB#12	2	Left Tilted	20525	836.5	23.04	-0.17	23.5	0.675	1.112	0.751
	Band5/100%RB#0	2	Right Cheek	20525	836.5	23.12	0.14	23.5	0.611	1.091	0.667
	Band5/100%RB#0	2	Right Tilted	20525	836.5	23.12	0.08	23.5	0.632	1.091	0.690
	Band5/1RB#24	0	Right Cheek	20525	836.5	24.10	-0.09	24.5	0.085	1.096	0.093
	Band5/1RB#49 CA	0	Right Cheek	20476	831.6	22.34	-0.02	22.5	0.059	1.038	0.062
	Band5/1RB#24	0	Right Tilted	20525	836.5	24.10	-0.18	24.5	0.075	1.096	0.082
	Band5/1RB#24	0	Left Cheek	20525	836.5	24.10	0.05	24.5	0.076	1.096	0.083
	Band5/1RB#24	0	Left Tilted	20525	836.5	24.10	0.06	24.5	0.068	1.096	0.075
	Band5/50%RB#0	0	Right Cheek	20525	836.5	23.04	0.17	23.5	0.081	1.112	0.090
	Band5/50%RB#0	0	Right Tilted	20525	836.5	23.04	0.16	23.5	0.069	1.112	0.077
	Band5/50%RB#0	0	Left Cheek	20525	836.5	23.04	0.15	23.5	0.071	1.112	0.079
	Band5/50%RB#0	0	Left Tilted	20525	836.5	23.04	0.10	23.5	0.061	1.112	0.068
	Band5/1RB#24	**2**	**Right Tilted**	**20525**	**836.5**	**24.15**	**-0.06**	**24.5**	**0.851**	**1.084**	**0.922**
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	2	Right Cheek	20850	2510	24.03	-0.14	24.5	0.712	1.114	0.793
9	Band7/1RB#49	2	Right Tilted	20850	2510	24.03	0.01	24.5	**0.733**	1.114	0.817
	Band7/1RB#99 CA	2	Right Tilted	20850	2510	21.05	0.08	21.5	0.447	1.109	0.496
	Band7/1RB#49	2	Left Cheek	20850	2510	24.03	0.07	24.5	0.527	1.114	0.587
	Band7/1RB#49	2	Left Tilted	20850	2510	24.03	-0.09	24.5	0.546	1.114	0.608
	Band7/1RB#49	2	Right Tilted	21100	2535	23.79	0.01	24.5	0.671	1.178	0.790
	Band7/1RB#49	2	Right Tilted	21350	2560	23.87	0.16	24.5	0.682	1.156	0.788
	Band7/50%RB#24	2	Right Cheek	21100	2535	22.80	0.15	23.0	0.697	1.047	0.730
	Band7/50%RB#24	2	Right Tilted	21100	2535	22.80	-0.16	23.0	0.708	1.047	0.741
	Band7/50%RB#24	2	Left Cheek	21100	2535	22.80	-0.12	23.0	0.514	1.047	0.538
	Band7/50%RB#24	2	Left Tilted	21100	2535	22.80	0.20	23.0	0.532	1.047	0.557
	Band7/100%RB#0	2	Right Tilted	20850	2510	22.40	0.01	22.5	0.687	1.023	0.703
	Band7/1RB#49	0	Right Cheek	20850	2510	23.55	0.03	24.0	0.075	1.109	0.083
	Band7/1RB#49	0	Right Tilted	20850	2510	23.55	-0.06	24.0	0.046	1.109	0.051
	Band7/1RB#49	0	Left Cheek	20850	2510	23.55	0.08	24.0	0.120	1.109	0.133
	Band7/1RB#99 CA	0	Left Cheek	20850	2510	20.82	0.01	21.0	0.033	1.042	0.034
	Band7/1RB#49	0	Left Tilted	20850	2510	23.55	-0.20	24.0	0.062	1.109	0.069
	Band7/50%RB#24	0	Right Cheek	21100	2535	22.38	0.12	22.5	0.071	1.028	0.073
	Band7/50%RB#24	0	Right Tilted	21100	2535	22.38	0.14	22.5	0.042	1.028	0.043
	Band7/50%RB#24	0	Left Cheek	21100	2535	22.38	0.19	22.5	0.115	1.028	0.118
	Band7/50%RB#24	0	Left Tilted	21100	2535	22.38	0.08	22.5	0.057	1.028	0.059
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	2	Right Cheek	40140	2545	23.97	-0.16	24.0	0.511	1.007	1.008	0.519
10	Band41/1RB#49	2	Right Tilted	40140	2545	23.97	0.04	24.0	**0.556**	1.007	1.008	0.564
	Band41/1RB#99 CA	2	Right Tilted	40140	2545	20.77	-0.13	21.0	0.333	1.054	1.008	0.354
	Band41/1RB#49	2	Left Cheek	40140	2545	23.97	-0.20	24.0	0.341	1.007	1.008	0.346
	Band41/1RB#49	2	Left Tilted	40140	2545	23.97	0.15	24.0	0.356	1.007	1.008	0.361
	Band41/50%RB#0	2	Right Cheek	41140	2645	22.83	-0.08	23.0	0.487	1.04	1.008	0.511
	Band41/50%RB#0	2	Right Tilted	41140	2645	22.83	-0.05	23.0	0.521	1.04	1.008	0.546
	Band41/50%RB#0	2	Left Cheek	41140	2645	22.83	0.18	23.0	0.312	1.04	1.008	0.327
	Band41/50%RB#0	2	Left Tilted	41140	2645	22.83	-0.07	23.0	0.322	1.04	1.008	0.338
	Band41/1RB#49	0	Right Cheek	41140	2645	23.59	0.02	24.0	0.019	1.099	1.008	0.021
	Band41/1RB#0 CA	0	Right Cheek	41140	2645	20.50	0.11	21.0	0.015	1.122	1.008	0.017
	Band41/1RB#49	0	Right Tilted	41140	2645	23.59	0.06	24.0	0.009	1.099	1.008	0.010
	Band41/1RB#49	0	Left Cheek	41140	2645	23.59	0.13	24.0	0.014	1.099	1.008	0.016
	Band41/1RB#49	0	Left Tilted	41140	2645	23.59	-0.10	24.0	0.007	1.099	1.008	0.008
	Band41/50%RB#49	0	Right Cheek	41140	2645	22.52	0.05	23.0	0.016	1.117	1.008	0.018
	Band41/50%RB#49	0	Right Tilted	41140	2645	22.52	0.17	23.0	0.008	1.117	1.008	0.009
	Band41/50%RB#49	0	Left Cheek	41140	2645	22.52	-0.03	23.0	0.013	1.117	1.008	0.015
	Band41/50%RB#49	0	Left Tilted	41140	2645	22.52	0.20	23.0	0.007	1.117	1.008	0.008
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	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)
	2.4GHz/802.11b	13	Right Cheek	6	2437	17.55	-0.04	18.0	0.047	1.109	1.000	0.052
	2.4GHz/802.11b	13	Right Tilted	6	2437	17.55	0.16	18.0	0.021	1.109	1.000	0.023
11	2.4GHz/802.11b	13	Left Cheek	6	2437	17.55	0.08	18.0	**0.154**	1.109	1.000	0.171
	2.4GHz/802.11b	13	Left Tilted	6	2437	17.55	-0.01	18.0	0.059	1.109	1.000	0.065
	2.4GHz/802.11b	14	Right Cheek	11	2462	17.40	-0.10	17.5	0.076	1.023	1.000	0.078
	2.4GHz/802.11b	14	Right Tilted	11	2462	17.40	0.12	17.5	0.073	1.023	1.000	0.075
	2.4GHz/802.11b	14	Left Cheek	11	2462	17.40	0.02	17.5	0.142	1.023	1.000	0.145
	2.4GHz/802.11b	14	Left Tilted	11	2462	17.40	0.03	17.5	0.139	1.023	1.000	0.142
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	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)
	5.2GHz/802.11n20	13	Right Cheek	36	5180	16.50	-0.06	17.0	0.048	1.122	1.000	0.054
	5.2GHz/802.11n20	13	Right Tilted	36	5180	16.50	-0.14	17.0	0.019	1.122	1.000	0.021
	5.2GHz/802.11n20	13	Left Cheek	36	5180	16.50	-0.16	17.0	0.142	1.122	1.000	0.159
	5.2GHz/802.11n20	13	Left Tilted	36	5180	16.50	0.18	17.0	0.041	1.122	1.000	0.046
	5.2GHz/802.11a	14	Right Cheek	48	5240	15.86	-0.18	16.0	0.138	1.033	1.000	0.143
	5.2GHz/802.11a	14	Right Tilted	48	5240	15.86	0.18	16.0	0.141	1.033	1.000	0.146
	5.2GHz/802.11a	14	Left Cheek	48	5240	15.86	-0.02	16.0	0.268	1.033	1.000	0.277
12	5.2GHz/802.11a	14	Left Tilted	48	5240	15.86	0.00	16.0	**0.321**	1.033	1.000	0.332
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	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)
	5.3GHz/802.11a	13	Right Cheek	64	5320	17.06	0.19	17.5	0.056	1.107	1.000	0.062
	5.3GHz/802.11a	13	Right Tilted	64	5320	17.06	-0.01	17.5	0.031	1.107	1.000	0.034
	5.3GHz/802.11a	13	Left Cheek	64	5320	17.06	0.20	17.5	0.228	1.107	1.000	0.252
	5.3GHz/802.11a	13	Left Tilted	64	5320	17.06	-0.08	17.5	0.073	1.107	1.000	0.081
	5.3GHz/802.11ac20	14	Right Cheek	56	5280	16.71	0.14	17.0	0.115	1.069	1.000	0.123
	5.3GHz/802.11ac20	14	Right Tilted	56	5280	16.71	0.06	17.0	0.124	1.069	1.000	0.133
	5.3GHz/802.11ac20	14	Left Cheek	56	5280	16.71	-0.03	17.0	0.286	1.069	1.000	0.306
13	5.3GHz/802.11ac20	14	Left Tilted	56	5280	16.71	0.03	17.0	**0.300**	1.069	1.000	0.321
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	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)
	5.6GHz/802.11a	13	Right Cheek	120	5600	14.87	-0.01	15.0	0.062	1.03	1.000	0.064
	5.6GHz/802.11a	13	Right Tilted	120	5600	14.87	-0.01	15.0	0.029	1.03	1.000	0.030
	5.6GHz/802.11a	13	Left Cheek	120	5600	14.87	0.00	15.0	0.247	1.03	1.000	0.254
	5.6GHz/802.11a	13	Left Tilted	120	5600	14.87	-0.16	15.0	0.087	1.03	1.000	0.090
	5.6GHz/802.11n20	14	Right Cheek	100	5500	14.60	-0.18	15.0	0.138	1.096	1.000	0.151
	5.6GHz/802.11n20	14	Right Tilted	100	5500	14.60	0.06	15.0	0.141	1.096	1.000	0.155
	5.6GHz/802.11n20	14	Left Cheek	100	5500	14.60	-0.07	15.0	0.342	1.096	1.000	0.375
14	5.6GHz/802.11n20	14	Left Tilted	100	5500	14.60	0.09	15.0	**0.350**	1.096	1.000	0.384
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	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)
	5.8GHz/802.11ac20	13	Right Cheek	165	5825	16.74	-0.16	17.0	0.067	1.062	1.000	0.071
	5.8GHz/802.11ac20	13	Right Tilted	165	5825	16.74	-0.03	17.0	0.034	1.062	1.000	0.036
	5.8GHz/802.11ac20	13	Left Cheek	165	5825	16.74	0.00	17.0	0.221	1.062	1.000	0.235
	5.8GHz/802.11ac20	13	Left Tilted	165	5825	16.74	0.06	17.0	0.069	1.062	1.000	0.073
	5.8GHz/802.11n20	14	Right Cheek	165	5825	16.61	-0.12	17.0	0.128	1.094	1.000	0.140
	5.8GHz/802.11n20	14	Right Tilted	165	5825	16.61	0.02	17.0	0.136	1.094	1.000	0.149
	5.8GHz/802.11n20	14	Left Cheek	165	5825	16.61	0.08	17.0	0.289	1.094	1.000	0.316
15	5.8GHz/802.11n20	14	Left Tilted	165	5825	16.61	-0.06	17.0	**0.318**	1.094	1.000	0.348
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	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)
	BT/π/4-DQPSK	13	Right Cheek	39	2441	17.12	-0.20	17.5	0.019	1.091	1.000	0.021
	BT/π/4-DQPSK	13	Right Tilted	39	2441	17.12	-0.20	17.5	0.007	1.091	1.000	0.008
	BT/π/4-DQPSK	13	Left Cheek	39	2441	17.12	-0.12	17.5	0.064	1.091	1.000	0.069
	BT/π/4-DQPSK	13	Left Tilted	39	2441	17.12	-0.06	17.5	0.021	1.091	1.000	0.023
	BT/GFSK	14	Right Cheek	39	2441	17.57	0.20	18.0	0.042	1.104	1.000	0.046
	BT/GFSK	14	Right Tilted	39	2441	17.57	0.18	18.0	0.041	1.104	1.000	0.045
16	BT/GFSK	14	Left Cheek	39	2441	17.57	0.00	18.0	**0.099**	1.104	1.000	0.109
	BT/GFSK	14	Left Tilted	39	2441	17.57	-0.15	18.0	0.094	1.104	1.000	0.104
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 44.67mW(16.5dBm) and 63.1mW(18.0dBm), the scaled SAR would be 0.171×(44.67/63.1)=0.0835W/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	2	Front	190	836.6	32.71	-0.05	33.0	0.187	1.069	0.200
17	GPRS850/2 slots	2	Back	190	836.6	32.71	-0.09	33.0	**0.289**	1.069	0.309
	GPRS850/2 slots	0	Front	190	836.6	32.32	0.03	32.5	0.029	1.042	0.030
	GPRS850/2 slots	0	Back	190	836.6	32.32	0.10	32.5	0.059	1.042	0.061
	GPRS1900/2 slots	2	Front	661	1880	31.35	-0.02	31.5	0.371	1.035	0.384
18	GPRS1900/2 slots	2	Back	661	1880	31.35	-0.15	31.5	**0.551**	1.035	0.570
	GPRS1900/2 slots	0	Front	661	1880	29.77	0.10	30.0	0.215	1.054	0.227
	GPRS1900/2 slots	0	Back	661	1880	29.77	0.12	30.0	0.431	1.054	0.454
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	2	Front	9538	1907.6	24.03	0.14	24.5	0.215	1.114	0.240
	Band II/RMC	2	Back	9538	1907.6	24.03	0.07	24.5	0.358	1.114	0.399
	Band II/RMC	0	Front	9538	1907.6	23.62	-0.19	24.0	0.316	1.091	0.345
19	Band II/RMC	0	Back	9538	1907.6	23.62	-0.09	24.0	**0.684**	1.091	0.746
	Band IV/RMC	2	Front	1312	1712.4	23.85	0.16	24.0	0.214	1.035	0.221
20	Band IV/RMC	2	Back	1312	1712.4	23.85	0.02	24.0	**0.362**	1.035	0.375
	Band IV/RMC	0	Front	1312	1712.4	23.40	0.03	23.5	0.092	1.023	0.094
	Band IV/RMC	0	Back	1312	1712.4	23.40	-0.02	23.5	0.182	1.023	0.186
	Band V/RMC	2	Front	4183	836.6	24.22	-0.09	24.5	0.196	1.067	0.209
21	Band V/RMC	2	Back	4183	836.6	24.22	0.10	24.5	**0.232**	1.067	0.248
	Band V/RMC	0	Front	4183	836.6	24.10	0.20	24.5	0.041	1.096	0.045
	Band V/RMC	0	Back	4183	836.6	24.10	-0.20	24.5	0.092	1.096	0.101
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	2	Front	19100	1900	24.29	0.01	24.5	0.321	1.050	0.337
	Band2/1RB#49	2	Back	19100	1900	24.29	0.06	24.5	0.490	1.050	0.515
	Band2/1RB#99 CA	2	Back	19100	1900	21.57	-0.09	22.0	0.234	1.104	0.258
	Band2/50%RB#49	2	Front	19100	1900	23.25	0.16	23.5	0.314	1.059	0.333
	Band2/50%RB#49	2	Back	19100	1900	23.25	-0.20	23.5	0.470	1.059	0.498
	Band2/1RB#99	0	Front	19100	1900	23.95	0.12	24.0	0.319	1.012	0.323
22	Band2/1RB#99	0	Back	19100	1900	23.95	-0.01	24.0	**0.664**	1.012	0.672
	Band2/1RB#99 CA	0	Back	19100	1900	21.09	-0.14	21.5	0.133	1.099	0.146
	Band2/50%RB#49	0	Front	18900	1880	22.80	0.18	23.0	0.287	1.047	0.300
	Band2/50%RB#49	0	Back	18900	1880	22.80	0.15	23.0	0.617	1.047	0.646
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	2	Front	20300	1745	23.94	-0.20	24.0	0.261	1.014	0.265
23	Band4/1RB#49	2	Back	20300	1745	23.94	0.01	24.0	**0.389**	1.014	0.394
	Band4/50%RB#0	2	Front	20300	1745	22.79	0.02	23.0	0.247	1.050	0.259
	Band4/50%RB#0	2	Back	20300	1745	22.79	0.08	23.0	0.352	1.050	0.370
	Band4/1RB#49	0	Front	20300	1745	23.47	0.12	24.0	0.111	1.130	0.125
	Band4/1RB#49	0	Back	20300	1745	23.47	0.11	24.0	0.233	1.130	0.263
	Band4/50%RB#24	0	Front	20050	1720	22.31	0.03	22.5	0.095	1.045	0.099
	Band4/50%RB#24	0	Back	20050	1720	22.31	0.07	22.5	0.212	1.045	0.222
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	2	Front	20525	836.5	24.15	-0.02	24.5	0.193	1.084	0.209
24	Band5/1RB#24	2	Back	20525	836.5	24.15	-0.11	24.5	**0.280**	1.084	0.304
	Band5/1RB#49 CA	2	Back	20476	831.6	22.20	-0.13	22.5	0.226	1.072	0.242
	Band5/50%RB#12	2	Front	20525	836.5	23.04	0.13	23.5	0.178	1.112	0.198
	Band5/50%RB#12	2	Back	20525	836.5	23.04	-0.16	23.5	0.262	1.112	0.291
	Band5/1RB#24	0	Front	20525	836.5	24.10	0.11	24.5	0.058	1.096	0.064
	Band5/1RB#24	0	Back	20525	836.5	24.10	0.01	24.5	0.123	1.096	0.135
	Band5/1RB#49 CA	0	Back	20476	831.6	22.34	-0.03	22.5	0.121	1.038	0.126
	Band5/50%RB#0	0	Front	20525	836.5	23.04	-0.17	23.5	0.047	1.112	0.052
	Band5/50%RB#0	0	Back	20525	836.5	23.04	0.09	23.5	0.110	1.112	0.122
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	2	Front	20850	2510	24.03	-0.18	24.5	0.164	1.114	0.183
25	Band7/1RB#49	2	Back	20850	2510	24.03	0.02	24.5	**0.226**	1.114	0.252
	Band7/1RB#99 CA	2	Back	20850	2510	21.05	-0.01	21.5	0.211	1.109	0.234
	Band7/50%RB#24	2	Front	21100	2535	22.80	-0.06	23.0	0.154	1.047	0.161
	Band7/50%RB#24	2	Back	21100	2535	22.80	0.08	23.0	0.213	1.047	0.223
	Band7/1RB#49	0	Front	20850	2510	23.55	-0.10	24.0	0.024	1.109	0.026
	Band7/1RB#49	0	Back	20850	2510	23.55	-0.09	24.0	0.048	1.109	0.053
	Band7/1RB#99 CA	0	Back	20850	2510	20.82	-0.03	21.0	0.024	1.042	0.025
	Band7/50%RB#24	0	Front	21100	2535	22.38	-0.19	22.5	0.021	1.028	0.022
	Band7/50%RB#24	0	Back	21100	2535	22.38	-0.19	22.5	0.043	1.028	0.044
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	2	Front	40140	2545	23.97	0.16	24.0	0.131	1.007	1.008	0.133
	Band41/1RB#49	2	Back	40140	2545	23.97	0.02	24.0	0.192	1.007	1.008	0.195
	Band41/1RB#99 CA	2	Back	40140	2545	20.77	0.13	21.0	0.177	1.054	1.008	0.188
	Band41/50%RB#0	2	Front	41140	2645	22.83	0.03	23.0	0.113	1.040	1.008	0.118

	Band41/50%RB#0	2	Back	41140	2645	22.83	0.10	23.0	0.185	1.040	1.008	0.194
	Band41/1RB#49	0	Front	41140	2645	23.59	0.18	24.0	0.236	1.099	1.008	0.261
26	Band41/1RB#49	0	Back	41140	2645	23.59	0.04	24.0	**0.523**	1.099	1.008	0.579
	Band41/1RB#99 CA	0	Back	41140	2645	20.50	-0.02	21.0	0.130	1.122	1.008	0.147
	Band41/50%RB#49	0	Front	41140	2645	22.52	-0.09	23.0	0.214	1.117	1.008	0.241
	Band41/50%RB#49	0	Back	41140	2645	22.52	0.02	23.0	0.486	1.117	1.008	0.547
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	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)
	2.4GHz/802.11b	13	Front	6	2437	17.55	-0.12	18.0	0.026	1.109	1.000	0.029
27	2.4GHz/802.11b	13	Back	6	2437	17.55	-0.15	18.0	**0.045**	1.109	1.000	0.050
	2.4GHz/802.11b	14	Front	11	2462	17.40	0.07	17.5	0.013	1.023	1.000	0.013
	2.4GHz/802.11b	14	Back	11	2462	17.40	0.11	17.5	0.027	1.023	1.000	0.028
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	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)
	5.2GHz/802.11n20	13	Front	36	5180	16.50	0.14	17.0	0.036	1.122	1.000	0.040
28	5.2GHz/802.11n20	13	Back	36	5180	16.50	-0.03	17.0	**0.073**	1.122	1.000	0.082
	5.2GHz/802.11a	14	Front	48	5240	15.86	0.08	16.0	0.031	1.033	1.000	0.032
	5.2GHz/802.11a	14	Back	48	5240	15.86	0.00	16.0	0.067	1.033	1.000	0.069
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	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)
	5.3GHz/802.11a	13	Front	64	5320	17.06	0.18	17.5	0.063	1.107	1.000	0.070
29	5.3GHz/802.11a	13	Back	64	5320	17.06	0.13	17.5	**0.133**	1.107	1.000	0.147
	5.3GHz/802.11ac20	14	Front	56	5280	16.71	0.14	17.0	0.045	1.069	1.000	0.048
	5.3GHz/802.11ac20	14	Back	56	5280	16.71	0.00	17.0	0.086	1.069	1.000	0.092
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	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)
	5.6GHz/802.11a	13	Front	120	5600	14.87	-0.13	15.0	0.071	1.030	1.000	0.073
30	5.6GHz/802.11a	13	Back	120	5600	14.87	-0.05	15.0	**0.146**	1.030	1.000	0.150
	5.6GHz/802.11n20	14	Front	100	5500	14.60	-0.10	15.0	0.044	1.096	1.000	0.048
	5.6GHz/802.11n20	14	Back	100	5500	14.60	0.00	15.0	0.108	1.096	1.000	0.118
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

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)
	5.8GHz/802.11ac20	13	Front	165	5825	16.74	0.13	17.0	0.051	1.062	1.000	0.054
	5.8GHz/802.11ac20	13	Back	165	5825	16.74	-0.08	17.0	0.134	1.062	1.000	0.142
	5.8GHz/802.11n20	14	Front	165	5825	16.61	-0.14	17.0	0.079	1.094	1.000	0.086
31	5.8GHz/802.11n20	14	Back	165	5825	16.61	0.00	17.0	**0.151**	1.094	1.000	0.165
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	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)
	BT/π/4-DQPSK	13	Front	39	2441	17.12	0.17	17.5	0.013	1.091	1.000	0.014
32	BT/π/4-DQPSK	13	Back	39	2441	17.12	-0.02	17.5	**0.037**	1.091	1.000	0.041
	BT/GFSK	14	Front	39	2441	17.57	0.02	18.0	0.009	1.104	1.000	0.010
	BT/GFSK	14	Back	39	2441	17.57	0.00	18.0	0.027	1.104	1.000	0.030
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	2	Front	190	836.6	32.71	-0.05	33.0	0.187	1.069	0.200
17	GPRS850/2 slots	2	Back	190	836.6	32.71	-0.09	33.0	**0.289**	1.069	0.309
	GPRS850/2 slots	2	Left	190	836.6	32.71	0.02	33.0	0.126	1.069	0.135
	GPRS850/2 slots	2	Top	190	836.6	32.71	-0.07	33.0	0.176	1.069	0.188
	GPRS850/2 slots	0	Front	190	836.6	32.32	0.03	32.5	0.029	1.042	0.030
	GPRS850/2 slots	0	Back	190	836.6	32.32	0.10	32.5	0.059	1.042	0.061
	GPRS850/2 slots	0	Left	190	836.6	32.32	0.18	32.5	0.010	1.042	0.010
	GPRS850/2 slots	0	Right	190	836.6	32.32	0.02	32.5	0.008	1.042	0.008
	GPRS850/2 slots	0	Bottom	190	836.6	32.32	-0.10	32.5	0.037	1.042	0.039
	GPRS1900/2 slots	2	Front	661	1880	31.35	-0.02	31.5	0.371	1.035	0.384
18	GPRS1900/2 slots	2	Back	661	1880	31.35	-0.15	31.5	**0.551**	1.035	0.570
	GPRS1900/2 slots	2	Left	661	1880	31.35	0.17	31.5	0.108	1.035	0.112
	GPRS1900/2 slots	2	Top	661	1880	31.35	0.07	31.5	0.545	1.035	0.564
	GPRS1900/2 slots	0	Front	661	1880	29.77	0.10	30.0	0.215	1.054	0.227
	GPRS1900/2 slots	0	Back	661	1880	29.77	0.12	30.0	0.431	1.054	0.454
	GPRS1900/2 slots	0	Left	661	1880	29.77	-0.11	30.0	0.053	1.054	0.055
	GPRS1900/2 slots	0	Right	661	1880	29.77	-0.11	30.0	0.062	1.054	0.066
	GPRS1900/2 slots	0	Bottom	661	1880	29.77	0.05	30.0	0.388	1.054	0.409
ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						**1.6 W/kg (mW/g) Averaged over 1g**					

➢ 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	2	Front	9538	1907.6	24.03	0.14	24.5	0.215	1.114	0.240
	Band II/RMC	2	Back	9538	1907.6	24.03	0.07	24.5	0.358	1.114	0.399
	Band II/RMC	2	Left	9538	1907.6	24.03	-0.15	24.5	0.113	1.114	0.126
	Band II/RMC	2	Top	9538	1907.6	24.03	0.08	24.5	0.233	1.114	0.260
	Band II/RMC	0	Front	9538	1907.6	23.62	-0.19	24.0	0.316	1.091	0.345
19	Band II/RMC	0	Back	9538	1907.6	23.62	-0.09	24.0	**0.684**	1.091	0.746
	Band II/RMC	0	Left	9538	1907.6	23.62	-0.18	24.0	0.074	1.091	0.081
	Band II/RMC	0	Right	9538	1907.6	23.62	0.03	24.0	0.110	1.091	0.120
	Band II/RMC	0	Bottom	9538	1907.6	23.62	-0.06	24.0	0.139	1.091	0.152
	Band IV/RMC	2	Front	1312	1712.4	23.85	0.16	24.0	0.214	1.035	0.221
20	Band IV/RMC	2	Back	1312	1712.4	23.85	0.02	24.0	**0.362**	1.035	0.375
	Band IV/RMC	2	Left	1312	1712.4	23.85	0.00	24.0	0.086	1.035	0.089
	Band IV/RMC	2	Top	1312	1712.4	23.85	0.17	24.0	0.248	1.035	0.257
	Band IV/RMC	0	Front	1312	1712.4	23.40	0.03	23.5	0.092	1.023	0.094
	Band IV/RMC	0	Back	1312	1712.4	23.40	-0.02	23.5	0.182	1.023	0.186
	Band IV/RMC	0	Left	1312	1712.4	23.40	0.17	23.5	0.028	1.023	0.029
	Band IV/RMC	0	Right	1312	1712.4	23.40	0.01	23.5	0.025	1.023	0.025
	Band IV/RMC	0	Bottom	1312	1712.4	23.40	0.02	23.5	0.163	1.023	0.167
	Band V/RMC	2	Front	4183	836.6	24.22	-0.09	24.5	0.196	1.067	0.209
21	Band V/RMC	2	Back	4183	836.6	24.22	0.10	24.5	**0.232**	1.067	0.248
	Band V/RMC	2	Left	4183	836.6	24.22	-0.04	24.5	0.078	1.067	0.083
	Band V/RMC	2	Top	4183	836.6	24.22	-0.13	24.5	0.187	1.067	0.200
	Band V/RMC	0	Front	4183	836.6	24.10	0.20	24.5	0.041	1.096	0.045
	Band V/RMC	0	Back	4183	836.6	24.10	-0.20	24.5	0.092	1.096	0.101
	Band V/RMC	0	Left	4183	836.6	24.10	-0.09	24.5	0.011	1.096	0.012
	Band V/RMC	0	Right	4183	836.6	24.10	-0.06	24.5	0.012	1.096	0.013
	Band V/RMC	0	Bottom	4183	836.6	24.10	-0.08	24.5	0.080	1.096	0.088
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	2	Front	19100	1900	24.29	0.01	24.5	0.321	1.050	0.337
	Band2/1RB#49	2	Back	19100	1900	24.29	0.06	24.5	0.490	1.050	0.515
	Band2/1RB#99 CA	2	Back	19100	1900	21.57	-0.09	22.0	0.234	1.104	0.258
	Band2/1RB#49	2	Left	19100	1900	24.29	-0.03	24.5	0.104	1.050	0.109
	Band2/1RB#49	2	Top	19100	1900	24.29	-0.01	24.5	0.682	1.050	0.716
	Band2/1RB#99 CA	2	Top	19100	1900	21.57	-0.12	22.0	0.256	1.104	0.283
	Band2/50%RB#49	2	Front	19100	1900	23.25	0.16	23.5	0.314	1.059	0.333
	Band2/50%RB#49	2	Back	19100	1900	23.25	-0.20	23.5	0.470	1.059	0.498
	Band2/50%RB#49	2	Left	19100	1900	23.25	-0.05	23.5	0.089	1.059	0.094
	Band2/50%RB#49	2	Top	19100	1900	23.25	0.11	23.5	0.574	1.059	0.608
	Band2/1RB#99	0	Front	19100	1900	23.95	0.12	24.0	0.319	1.012	0.323
	Band2/1RB#99	0	Back	19100	1900	23.95	-0.01	24.0	0.664	1.012	0.672
	Band2/1RB#99 CA	0	Back	19100	1900	21.09	-0.14	21.5	0.133	1.099	0.146
	Band2/1RB#99	0	Left	19100	1900	23.95	-0.01	24.0	0.082	1.012	0.083
	Band2/1RB#99	0	Right	19100	1900	23.95	0.06	24.0	0.087	1.012	0.088
33	Band2/1RB#99	0	Bottom	19100	1900	23.95	0.15	24.0	**0.730**	1.012	0.739
	Band2/1RB#99 CA	0	Bottom	19100	1900	21.09	-0.08	21.5	0.158	1.099	0.174
	Band2/50%RB#49	0	Front	18900	1880	22.80	0.18	23.0	0.287	1.047	0.300
	Band2/50%RB#49	0	Back	18900	1880	22.80	0.15	23.0	0.617	1.047	0.646
	Band2/50%RB#49	0	Left	18900	1880	22.80	0.04	23.0	0.078	1.047	0.082
	Band2/50%RB#49	0	Right	18900	1880	22.80	0.13	23.0	0.081	1.047	0.085
	Band2/50%RB#49	0	Bottom	18900	1880	22.80	-0.08	23.0	0.683	1.047	0.715
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	2	Front	20300	1745	23.94	-0.20	24.0	0.261	1.014	0.265
	Band4/1RB#49	2	Back	20300	1745	23.94	0.01	24.0	0.393	1.014	0.399
	Band4/1RB#49	2	Left	20300	1745	23.94	-0.12	24.0	0.069	1.014	0.070
34	Band4/1RB#49	2	Top	20300	1745	23.94	-0.09	24.0	**0.468**	1.014	0.475
	Band4/50%RB#0	2	Front	20300	1745	22.79	0.02	23.0	0.247	1.050	0.259
	Band4/50%RB#0	2	Back	20300	1745	22.79	0.08	23.0	0.352	1.050	0.370
	Band4/50%RB#0	2	Left	20300	1745	22.79	0.00	23.0	0.058	1.050	0.061
	Band4/50%RB#0	2	Top	20300	1745	22.79	-0.06	23.0	0.411	1.050	0.432
	Band4/1RB#49	0	Front	20300	1745	23.47	0.12	24.0	0.111	1.130	0.125
	Band4/1RB#49	0	Back	20300	1745	23.47	0.11	24.0	0.233	1.130	0.263
	Band4/1RB#49	0	Left	20300	1745	23.47	-0.16	24.0	0.039	1.130	0.044
	Band4/1RB#49	0	Right	20300	1745	23.47	0.03	24.0	0.044	1.130	0.050
	Band4/1RB#49	0	Bottom	20300	1745	23.47	0.13	24.0	0.363	1.130	0.410
	Band4/50%RB#24	0	Front	20050	1720	22.31	0.03	22.5	0.095	1.045	0.099
	Band4/50%RB#24	0	Back	20050	1720	22.31	0.07	22.5	0.212	1.045	0.222
	Band4/50%RB#24	0	Left	20050	1720	22.31	0.00	22.5	0.035	1.045	0.037
	Band4/50%RB#24	0	Right	20050	1720	22.31	-0.04	22.5	0.036	1.045	0.038
	Band4/50%RB#24	0	Bottom	20050	1720	22.31	0.16	22.5	0.314	1.045	0.328
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	2	Front	20525	836.5	24.15	-0.02	24.5	0.193	1.084	0.209
24	Band5/1RB#24	2	Back	20525	836.5	24.15	-0.11	24.5	**0.280**	1.084	0.304
	Band5/1RB#49 CA	2	Back	20476	831.6	22.20	-0.13	22.5	0.226	1.072	0.242
	Band5/1RB#24	2	Left	20525	836.5	24.15	0.15	24.5	0.066	1.084	0.072
	Band5/1RB#24	2	Top	20525	836.5	24.15	0.00	24.5	0.137	1.084	0.149
	Band5/50%RB#12	2	Front	20525	836.5	23.04	0.13	23.5	0.178	1.112	0.198
	Band5/50%RB#12	2	Back	20525	836.5	23.04	-0.16	23.5	0.262	1.112	0.291
	Band5/50%RB#12	2	Left	20525	836.5	23.04	0.15	23.5	0.055	1.112	0.061
	Band5/50%RB#12	2	Top	20525	836.5	23.04	0.00	23.5	0.124	1.112	0.138
	Band5/1RB#24	0	Front	20525	836.5	24.10	0.11	24.5	0.058	1.096	0.064
	Band5/1RB#24	0	Back	20525	836.5	24.10	0.01	24.5	0.123	1.096	0.135
	Band5/1RB#49 CA	0	Back	20476	831.6	22.34	-0.03	22.5	0.121	1.038	0.126
	Band5/1RB#24	0	Left	20525	836.5	24.10	0.05	24.5	0.016	1.096	0.017
	Band5/1RB#24	0	Right	20525	836.5	24.10	0.09	24.5	0.016	1.096	0.017
	Band5/1RB#24	0	Bottom	20525	836.5	24.10	0.19	24.5	0.107	1.096	0.117
	Band5/50%RB#0	0	Front	20525	836.5	23.04	-0.17	23.5	0.047	1.112	0.052
	Band5/50%RB#0	0	Back	20525	836.5	23.04	0.09	23.5	0.110	1.112	0.122
	Band5/50%RB#0	0	Left	20525	836.5	23.04	0.12	23.5	0.015	1.112	0.017
	Band5/50%RB#0	0	Right	20525	836.5	23.04	-0.07	23.5	0.016	1.112	0.018
	Band5/50%RB#0	0	Bottom	20525	836.5	23.04	-0.03	23.5	0.096	1.112	0.107
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	2	Front	20850	2510	24.03	-0.18	24.5	0.164	1.114	0.183
25	Band7/1RB#49	2	Back	20850	2510	24.03	0.02	24.5	**0.226**	1.114	0.252
	Band7/1RB#99 CA	2	Back	20850	2510	21.05	-0.01	21.5	0.211	1.109	0.234
	Band7/1RB#49	2	Left	20850	2510	24.03	-0.01	24.5	0.043	1.114	0.048
	Band7/1RB#49	2	Top	20850	2510	24.03	-0.19	24.5	0.215	1.114	0.240
	Band7/50%RB#24	2	Front	21100	2535	22.80	-0.06	23.0	0.154	1.047	0.161
	Band7/50%RB#24	2	Back	21100	2535	22.80	0.08	23.0	0.213	1.047	0.223
	Band7/50%RB#24	2	Left	21100	2535	22.80	0.10	23.0	0.039	1.047	0.041
	Band7/50%RB#24	2	Top	21100	2535	22.80	-0.04	23.0	0.204	1.047	0.214
	Band7/1RB#49	0	Front	20850	2510	23.55	-0.10	24.0	0.024	1.109	0.026
	Band7/1RB#49	0	Back	20850	2510	23.55	-0.09	24.0	0.048	1.109	0.053
	Band7/1RB#99 CA	0	Back	20850	2510	20.82	-0.03	21.0	0.024	1.042	0.025
	Band7/1RB#49	0	Left	20850	2510	23.55	0.05	24.0	0.006	1.109	0.007
	Band7/1RB#49	0	Right	20850	2510	23.55	-0.06	24.0	0.007	1.109	0.007
	Band7/1RB#49	0	Bottom	20850	2510	23.55	0.01	24.0	0.066	1.109	0.073
	Band7/1RB#0 CA	0	Bottom	20850	2510	20.82	0.19	21.0	0.026	1.042	0.027
	Band7/50%RB#24	0	Front	21100	2535	22.38	-0.19	22.5	0.021	1.028	0.022
	Band7/50%RB#24	0	Back	21100	2535	22.38	-0.19	22.5	0.043	1.028	0.044
	Band7/50%RB#24	0	Left	21100	2535	22.38	0.00	22.5	0.005	1.028	0.005
	Band7/50%RB#24	0	Right	21100	2535	22.38	0.01	22.5	0.006	1.028	0.006
	Band7/50%RB#24	0	Bottom	21100	2535	22.38	-0.04	22.5	0.061	1.028	0.063
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	2	Front	40140	2545	23.97	0.16	24.0	0.131	1.007	1.008	0.133
	Band41/1RB#49	2	Back	40140	2545	23.97	0.02	24.0	0.192	1.007	1.008	0.195
	Band41/1RB#99 CA	2	Back	40140	2545	20.77	0.13	21.0	0.177	1.054	1.008	0.188
	Band41/1RB#49	2	Left	40140	2545	23.97	0.15	24.0	0.029	1.007	1.008	0.029
	Band41/1RB#49	2	Top	40140	2545	23.97	0.03	24.0	0.187	1.007	1.008	0.190
	Band41/50%RB#0	2	Front	41140	2645	22.83	0.03	23.0	0.113	1.040	1.008	0.118
	Band41/50%RB#0	2	Back	41140	2645	22.83	0.10	23.0	0.185	1.040	1.008	0.194
	Band41/50%RB#0	2	Left	41140	2645	22.83	0.18	23.0	0.021	1.040	1.008	0.022
	Band41/50%RB#0	2	Top	41140	2645	22.83	0.00	23.0	0.174	1.040	1.008	0.182
	Band41/1RB#49	0	Front	41140	2645	23.59	0.18	24.0	0.236	1.099	1.008	0.261
	Band41/1RB#49	0	Back	41140	2645	23.59	0.04	24.0	0.523	1.099	1.008	0.579
	Band41/1RB#99 CA	0	Back	41140	2645	20.50	-0.02	21.0	0.130	1.122	1.008	0.147
	Band41/1RB#49	0	Left	41140	2645	23.59	-0.05	24.0	0.053	1.099	1.008	0.058
	Band41/1RB#49	0	Right	41140	2645	23.59	-0.03	24.0	0.057	1.099	1.008	0.063
35	Band41/1RB#49	0	Bottom	41140	2645	23.59	-0.07	24.0	**0.547**	1.099	1.008	0.606
	Band41/1RB#99 CA	0	Bottom	41140	2645	20.50	0.11	21.0	0.117	1.122	1.008	0.132
	Band41/50%RB#49	0	Front	41140	2645	22.52	-0.09	23.0	0.214	1.117	1.008	0.241
	Band41/50%RB#49	0	Back	41140	2645	22.52	0.02	23.0	0.486	1.117	1.008	0.547
	Band41/50%RB#49	0	Left	41140	2645	22.52	-0.05	23.0	0.045	1.117	1.008	0.051
	Band41/50%RB#49	0	Right	41140	2645	22.52	-0.10	23.0	0.049	1.117	1.008	0.055
	Band41/50%RB#49	0	Bottom	41140	2645	22.52	-0.02	23.0	0.492	1.117	1.008	0.554
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	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)
	2.4GHz/802.11b	13	Front	6	2437	17.55	-0.12	18.0	0.026	1.109	1.000	0.029
27	2.4GHz/802.11b	13	Back	6	2437	17.55	-0.15	18.0	**0.045**	1.109	1.000	0.050
	2.4GHz/802.11b	13	Left	6	2437	17.55	0.19	18.0	0.038	1.109	1.000	0.042
	2.4GHz/802.11b	13	Top	6	2437	17.55	0.06	18.0	0.031	1.109	1.000	0.034
	2.4GHz/802.11b	14	Front	11	2462	17.40	0.07	17.5	0.013	1.023	1.000	0.013
	2.4GHz/802.11b	14	Back	11	2462	17.40	0.11	17.5	0.027	1.023	1.000	0.028
	2.4GHz/802.11b	14	Left	11	2462	17.40	0.05	17.5	0.018	1.023	1.000	0.018
	2.4GHz/802.11b	14	Top	11	2462	17.40	-0.07	17.5	0.024	1.023	1.000	0.025
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	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)
	5.2GHz/802.11n20	13	Front	36	5180	16.50	0.14	17.0	0.036	1.122	1.000	0.040
28	5.2GHz/802.11n20	13	Back	36	5180	16.50	-0.03	17.0	**0.073**	1.122	1.000	0.082
	5.2GHz/802.11n20	13	Left	36	5180	16.50	-0.10	17.0	0.065	1.122	1.000	0.073
	5.2GHz/802.11n20	13	Top	36	5180	16.50	-0.02	17.0	0.057	1.122	1.000	0.064
	5.2GHz/802.11a	14	Front	48	5240	15.86	0.08	16.0	0.031	1.033	1.000	0.032
	5.2GHz/802.11a	14	Back	48	5240	15.86	0.00	16.0	0.067	1.033	1.000	0.069
	5.2GHz/802.11a	14	Left	48	5240	15.86	-0.09	16.0	0.048	1.033	1.000	0.050
	5.2GHz/802.11a	14	Top	48	5240	15.86	-0.06	16.0	0.052	1.033	1.000	0.054
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	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)
	5.8GHz/802.11ac20	13	Front	165	5825	16.74	0.13	17.0	0.051	1.062	1.000	0.054
	5.8GHz/802.11ac20	13	Back	165	5825	16.74	-0.08	17.0	0.134	1.062	1.000	0.142
	5.8GHz/802.11ac20	13	Left	165	5825	16.74	0.01	17.0	0.096	1.062	1.000	0.102
	5.8GHz/802.11ac20	13	Top	165	5825	16.74	-0.09	17.0	0.074	1.062	1.000	0.079
	5.8GHz/802.11n20	14	Front	165	5825	16.61	-0.14	17.0	0.079	1.094	1.000	0.086
31	5.8GHz/802.11n20	14	Back	165	5825	16.61	0.00	17.0	**0.151**	1.094	1.000	0.165
	5.8GHz/802.11n20	14	Left	165	5825	16.61	0.13	17.0	0.123	1.094	1.000	0.135
	5.8GHz/802.11n20	14	Top	165	5825	16.61	-0.05	17.0	0.136	1.094	1.000	0.149
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	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)
	BT/π/4-DQPSK	13	Front	39	2441	17.12	0.17	17.5	0.013	1.091	1.000	0.014
32	BT/π/4-DQPSK	13	Back	39	2441	17.12	-0.02	17.5	**0.037**	1.091	1.000	0.041
	BT/π/4-DQPSK	13	Left	39	2441	17.12	-0.06	17.5	0.026	1.091	1.000	0.028
	BT/π/4-DQPSK	13	Top	39	2441	17.12	-0.08	17.5	0.019	1.091	1.000	0.021
	BT/GFSK	14	Front	39	2441	17.57	0.02	18.0	0.009	1.104	1.000	0.010
	BT/GFSK	14	Back	39	2441	17.57	0.00	18.0	0.027	1.104	1.000	0.030
	BT/GFSK	14	Left	39	2441	17.57	0.16	18.0	0.011	1.104	1.000	0.012
	BT/GFSK	14	Top	39	2441	17.57	-0.18	18.0	0.014	1.104	1.000	0.015
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 Repeated SAR measurement

Band/ Mode	Test Position	CH.	Freq. (MHz)	Measured SAR (W/kg)				
				Original	1st Repeated		2nd Repeated	
					Value	Ratio	Value	Ratio
Band V/RMC	Right Tilted	4183	836.6	1.03	0.968	1.06	/	/
Band2/1RB#49	Right Tilted	18700	1860	0.866	0.823	1.05	/	/
Band5/1RB#24	Right Tilted	20525	836.5	0.873	0.851	1.03	/	/
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.

15.5 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.

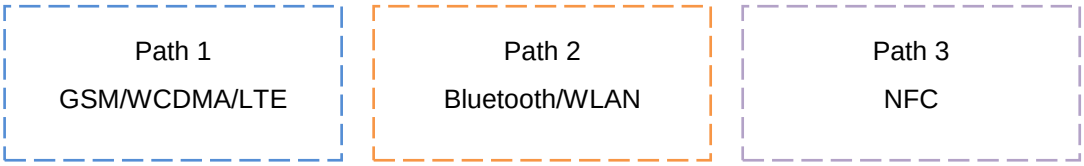


Fig.15.1 Simultaneous Transmission Paths

➢ **Simultaneous Transmission Procedures**

This device contains transmitters that may operate simultaneously. Therefore simultaneous transmission analysis is required. Per FCC KDB 447498 D04v01, simultaneous transmission SAR test exclusion may be applied when the sum of the 1-g SAR for all the simultaneous transmitting antennas in a specific a physical test configuration is ≤ 1.6 W/kg. When standalone SAR is not required to be measured, per FCC KDB 447498 D04v01 Appendix E, E.1), the following equation must be used to estimate the standalone 1g SAR for simultaneous transmission assessment involving that transmitter.

$$SAR_{est} = 1.6 \cdot P_{ant} / P_{th} \text{ [W/kg]}.$$

Mode	Max. Power (dBm)	Max. Power (mW)	Exposure Position	Head	Body	Hotspot
NFC	-53.83	0.0000041	Estimated SAR (W/kg)	0.000	0.000	0.000

Note:

1. Per KDB 447498 D04v01 section 2.1.2: 1-mW Test Exemption, P_{th} =1mW.

➢ **Multi-Band simultaneous Transmission Consideration**

	Position	Applicable Combination
Simultaneous Transmission Consideration	Head	WWAN (Voice) + WLAN 2.4 GHz ANT13+ Bluetooth ANT13+ NFC
		WWAN (Voice) + WLAN 5 GHz ANT13+ Bluetooth ANT13 + NFC
		WWAN (Voice) + WLAN2.4 GHz ANT13+ WLAN 5 GHz ANT13 + NFC
		WWAN (Voice) + WLAN 2.4 GHz ANT14+ Bluetooth ANT14+ NFC
		WWAN (Voice) + WLAN 5 GHz ANT14+ Bluetooth ANT14 + NFC
		WWAN (Voice) + WLAN2.4 GHz ANT14+ WLAN 5 GHz ANT14 + NFC
	Body	WWAN (Data) + WLAN 2.4 GHz ANT13+ Bluetooth ANT13+ NFC
		WWAN (Data) + WLAN 5 GHz ANT13+ Bluetooth ANT13 + NFC
		WWAN (Data) + WLAN2.4 GHz ANT13+ WLAN 5 GHz ANT13 + NFC
		WWAN (Data) + WLAN 2.4 GHz ANT14+ Bluetooth ANT14+ NFC
		WWAN (Data) + WLAN 5 GHz ANT14+ Bluetooth ANT14 + NFC
		WWAN (Data) + WLAN2.4 GHz ANT14+ WLAN 5 GHz ANT14 + NFC
	Hotspot	WWAN (Data) + WLAN 2.4 GHz ANT13+ Bluetooth ANT13+ NFC
		WWAN (Data) + WLAN 5 GHz ANT13+ Bluetooth ANT13 + NFC
		WWAN (Data) + WLAN2.4 GHz ANT13+ WLAN 5 GHz ANT13 + NFC
		WWAN (Data) + WLAN 2.4 GHz ANT14+ Bluetooth ANT14+ NFC
		WWAN (Data) + WLAN 5 GHz ANT14+ Bluetooth ANT14 + NFC
		WWAN (Data) + WLAN2.4 GHz ANT14+ WLAN 5 GHz ANT14 + NFC

Note:

1. DUT does not support MIMO,ANT13 and ANT14 cannot transmit simultaneously.
2. GSM/WCDMA/LTE shares the same antenna, and cannot transmit simultaneously.

3. The Report SAR summation is calculated based on the same configuration and test position.
4. 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

15.6 SAR Simultaneous Transmission Analysis

➢ **Simultaneous Transmission**

Position		Standalone SAR(W/kg)					Σ SAR_{1g} (W/kg)		
		1	2	3	4	5	1+2+4+5	1+3+4+5	1+2+3+5
		WWAN	2.4G WLAN ANT 13	5G WLAN ANT13	BT ANT13	NFC			
Head	Right Cheek	1.004	0.052	0.071	0.021	0.000	1.077	1.096	1.127
	Right Tilted	1.099	0.023	0.036	0.008	0.000	1.130	1.143	1.158
	Left Cheek	0.794	0.171	0.254	0.069	0.000	1.034	1.118	1.219
	Left Tilted	0.842	0.065	0.090	0.023	0.000	0.930	0.954	0.997
Body-worn	Front	0.384	0.029	0.073	0.014	0.000	0.427	0.471	0.486
	Back	0.746	0.050	0.150	0.041	0.000	0.837	0.937	0.947
Hotspot	Front	0.384	0.029	0.073	0.014	0.000	0.427	0.471	0.486
	Back	0.746	0.050	0.150	0.041	0.000	0.837	0.937	0.947
	Left	0.135	0.042	0.115	0.028	0.000	0.205	0.278	0.292
	Right	0.120	/	/	/	0.000	0.120	0.120	0.120
	Top	0.716	0.034	0.112	0.021	0.000	0.771	0.849	0.862
	Bottom	0.739	/	/	/	0.000	0.739	0.739	0.739

Position		Standalone SAR(W/kg)					Σ SAR_{1g} (W/kg)		
		1	2	3	4	5	1+2+4+5	1+3+4+5	1+2+3+5
		WWAN	2.4G WLAN ANT 14	5G WLAN ANT14	BT ANT14	NFC			
Head	Right Cheek	1.004	0.078	0.151	0.046	0.000	1.128	1.202	1.233
	Right Tilted	1.099	0.075	0.155	0.045	0.000	1.219	1.299	1.328
	Left Cheek	0.794	0.145	0.375	0.109	0.000	1.049	1.278	1.314
	Left Tilted	0.842	0.142	0.384	0.104	0.000	1.088	1.329	**1.368**
Body-worn	Front	0.384	0.013	0.086	0.010	0.000	0.407	0.480	0.484
	Back	0.746	0.028	0.165	0.030	0.000	0.804	0.941	0.939
Hotspot	Front	0.384	0.013	0.086	0.010	0.000	0.407	0.480	0.484
	Back	0.746	0.028	0.165	0.030	0.000	0.804	0.941	0.939
	Left	0.135	0.018	0.135	0.012	0.000	0.165	0.281	0.288
	Right	0.120	/	/	/	0.000	0.120	0.120	0.120
	Top	0.716	0.025	0.149	0.015	0.000	0.756	0.880	0.889
	Bottom	0.739	/	/	/	0.000	0.739	0.739	0.739

➢ **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.

15.7 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.

15.8 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: 07.21.2024

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

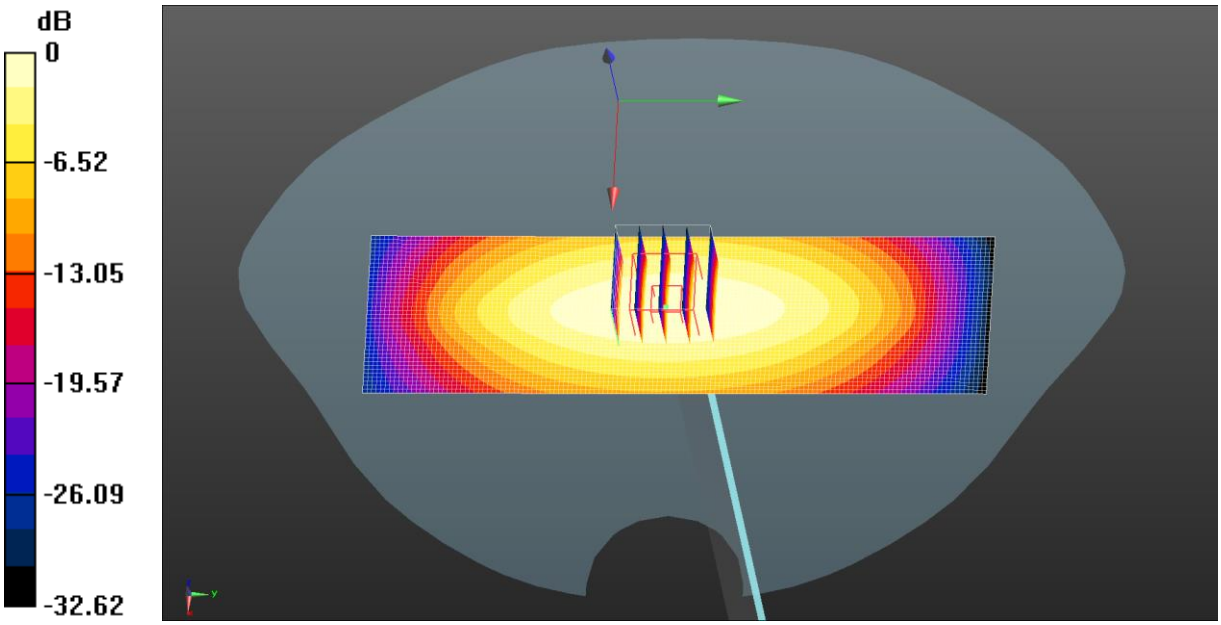
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 835 MHz; σ = 0.902 S/m; ε_r = 41.453; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 835 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 1.02 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 = 35.22 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.512 W/kg
Smallest distance from peaks to all points 3 dB below = 16.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.1%
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.086 dBW/kg

Test Laboratory: JYTSZ Date: 07.24.2024

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

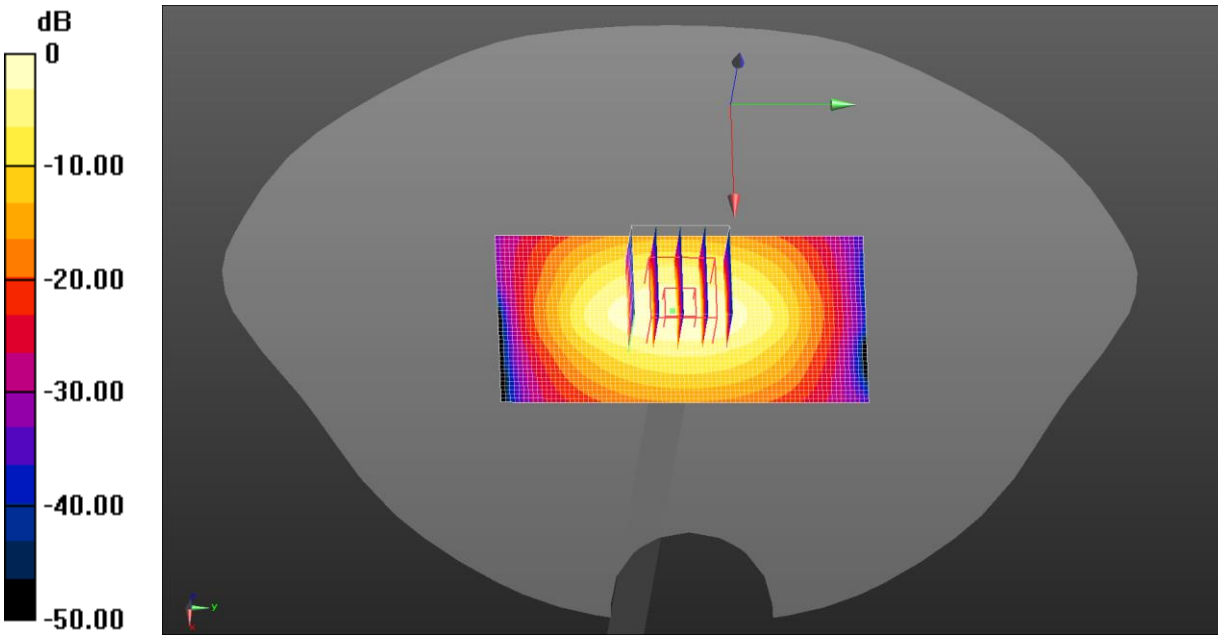
Communication System: UID 0, CW (0); Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.323 S/m; ε_r = 40.64; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1750 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 2.52 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 = 42.88 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 1.51 W/kg; SAR(10 g) = 0.789 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 53.7%
Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.52 W/kg = 4.01 dBW/kg

Test Laboratory: JYTSZ Date: 07.27.2024

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

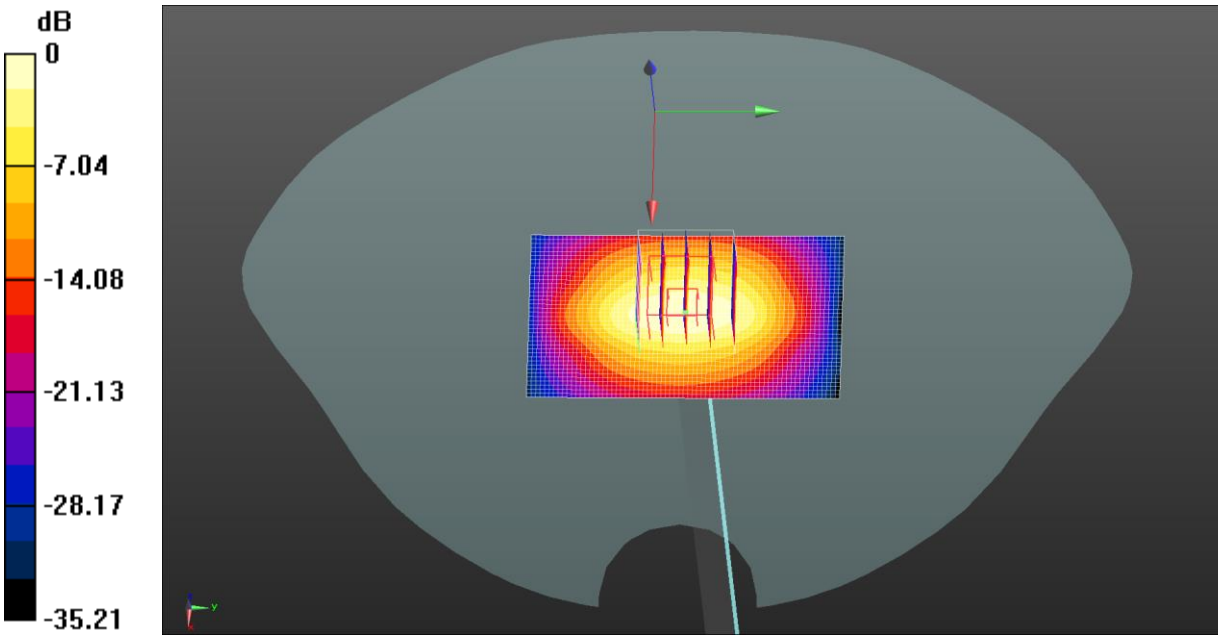
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.406 S/m; ε_r = 40.41; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1900 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 2.71 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 = 43.42 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.21 W/kg
SAR(1 g) = 1.65 W/kg; SAR(10 g) = 0.851 W/kg
Smallest distance from peaks to all points 3 dB below = 11.6 mm
Ratio of SAR at M2 to SAR at M1 = 53.8%
Maximum value of SAR (measured) = 2.62 W/kg



0 dB = 2.71 W/kg = 4.33 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

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

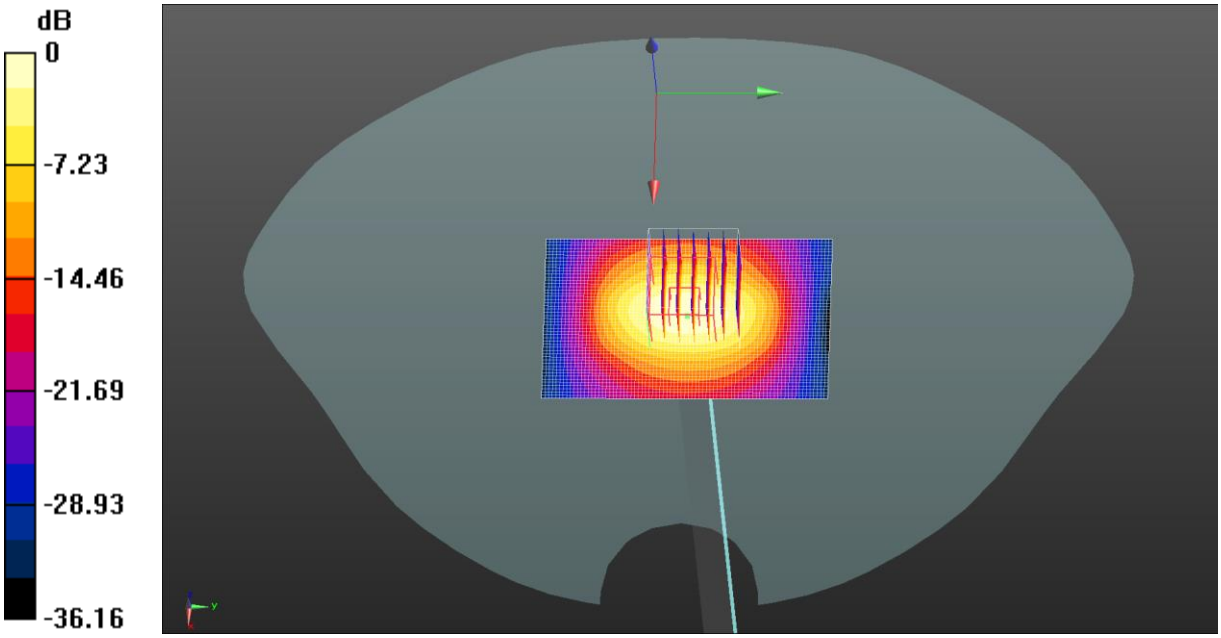
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.775 S/m; ε_r = 39.467; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2450 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 3.67 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 = 45.75 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 4.62 W/kg
SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.01 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 49.5%
Maximum value of SAR (measured) = 3.49 W/kg



0 dB = 3.67 W/kg = 5.65 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

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

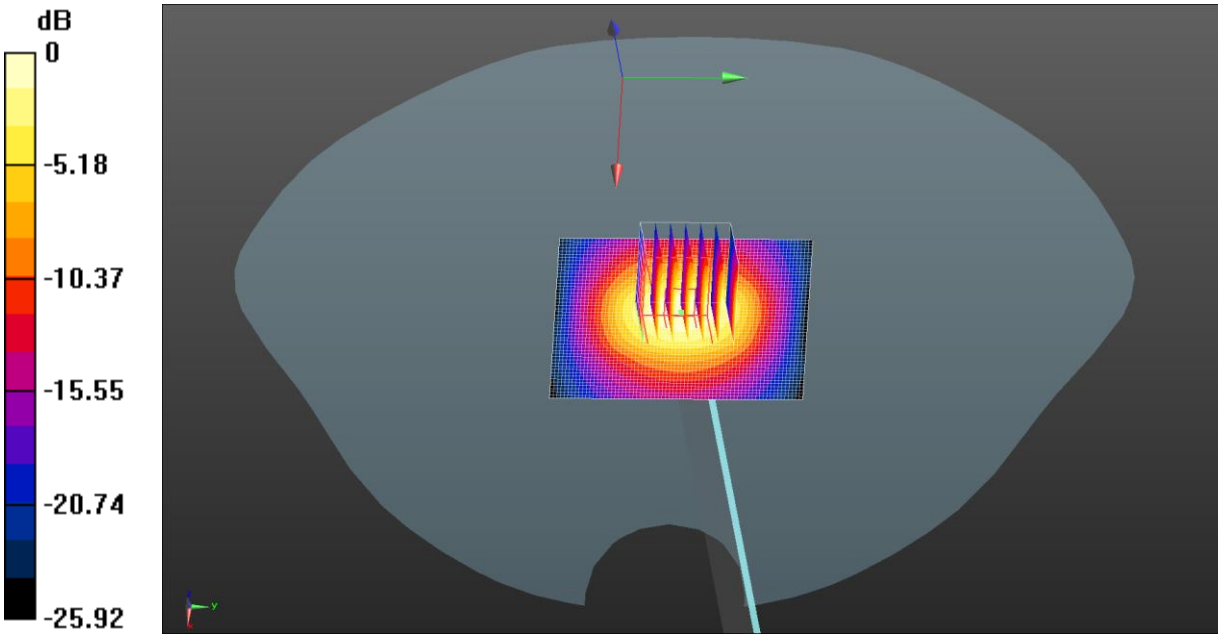
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.893 S/m; ε_r = 39.809; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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 = 47.97 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.86 W/kg
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.01 W/kg
Smallest distance from peaks to all points 3 dB below = 10.9 mm
Ratio of SAR at M2 to SAR at M1 = 47.9%
Maximum value of SAR (measured) = 3.75 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) = 4.32 W/kg



0 dB = 3.75 W/kg = 5.74 dBW/kg

Test Laboratory: JYTSZ Date: 08.03.2024

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

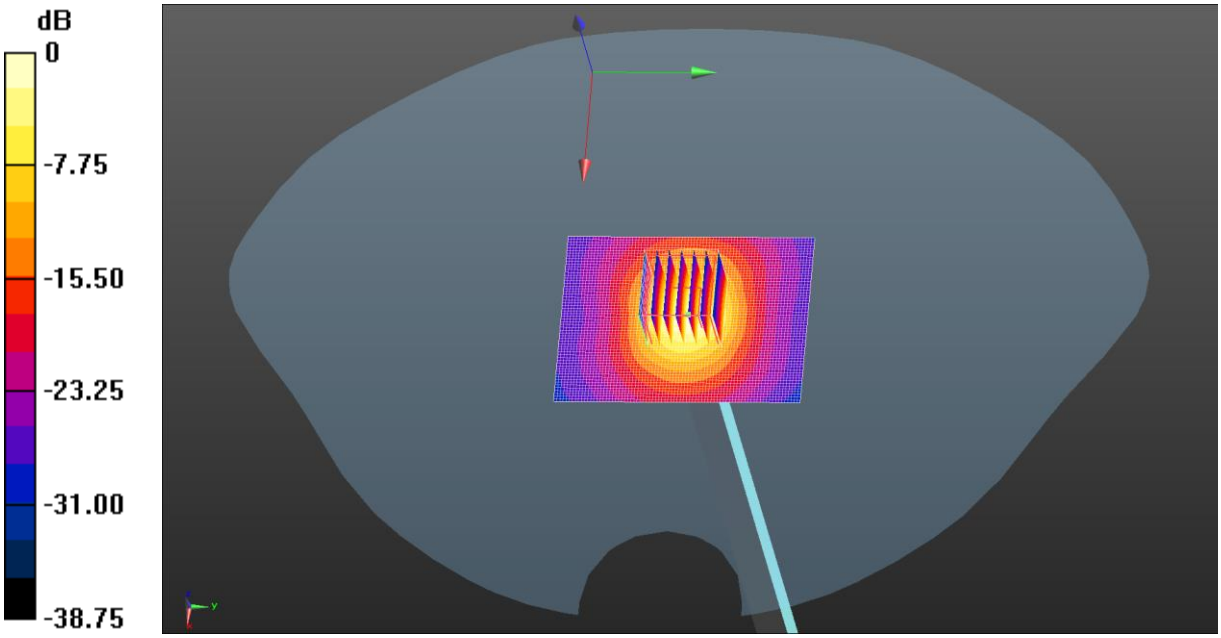
Communication System: UID 0, CW (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.452 S/m; ε_r = 34.49; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5200 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 7.86 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 = 44.93 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 3.15 W/kg; SAR(10 g) = 0.902 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 56.6%
Maximum value of SAR (measured) = 7.81 W/kg



0 dB = 7.81 W/kg = 8.93 dBW/kg

Test Laboratory: JYTSZ Date: 08.06.2024

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

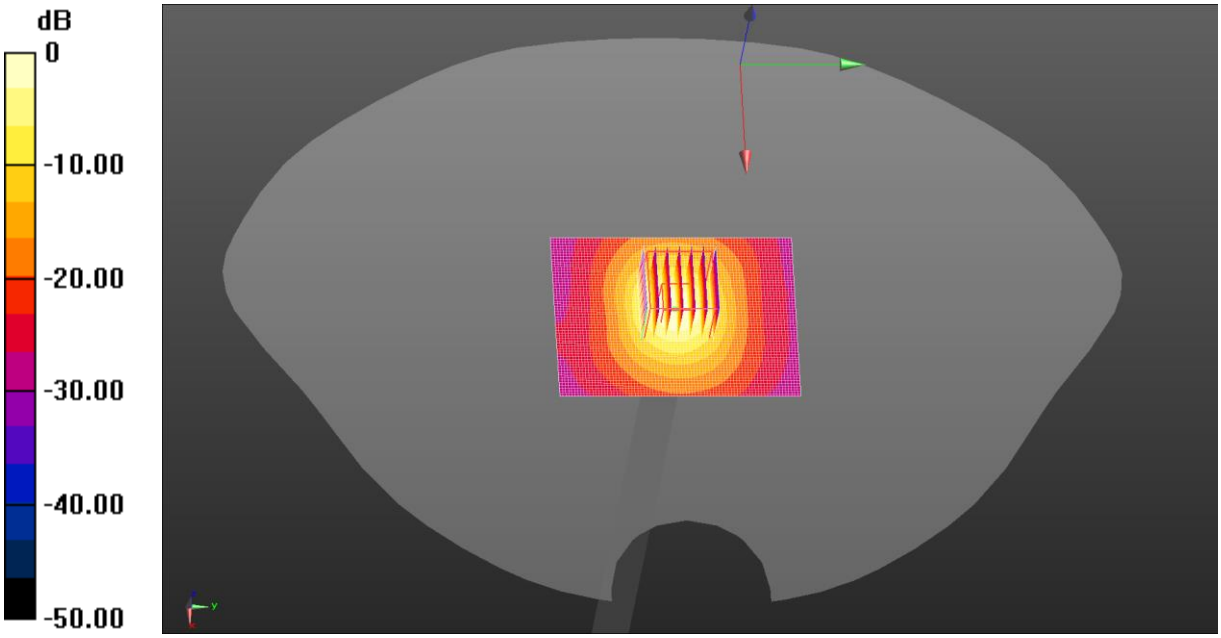
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.551 S/m; ε_r = 34.376; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5300 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 8.12 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 = 41.21 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 3.21 W/kg; SAR(10 g) = 0.906 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 56%
Maximum value of SAR (measured) = 8.03 W/kg



0 dB = 8.12 W/kg = 9.1 dBW/kg

Test Laboratory: JYTSZ Date: 08.09.2024

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

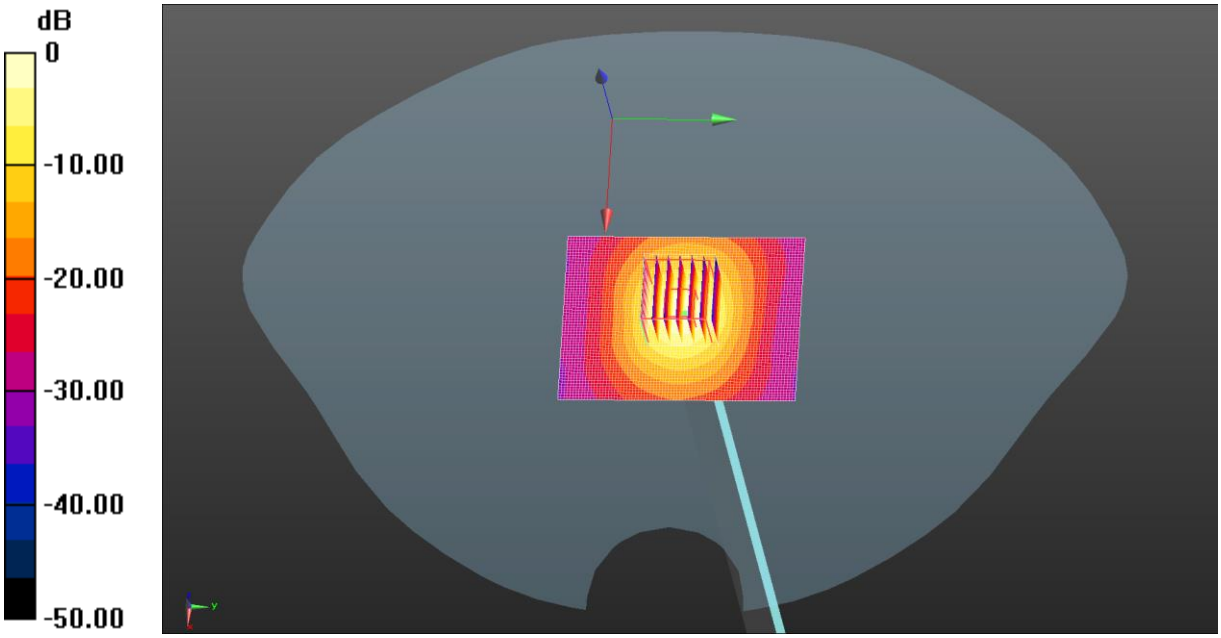
Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 4.847 S/m; ε_r = 34.033; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 8.32 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 = 42.29 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 13.7 W/kg
SAR(1 g) = 3.31 W/kg; SAR(10 g) = 0.922 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 58.3%
Maximum value of SAR (measured) = 8.32 W/kg



0 dB = 8.32 W/kg = 9.2 dBW/kg

Test Laboratory: JYTSZ Date: 08.12.2024

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

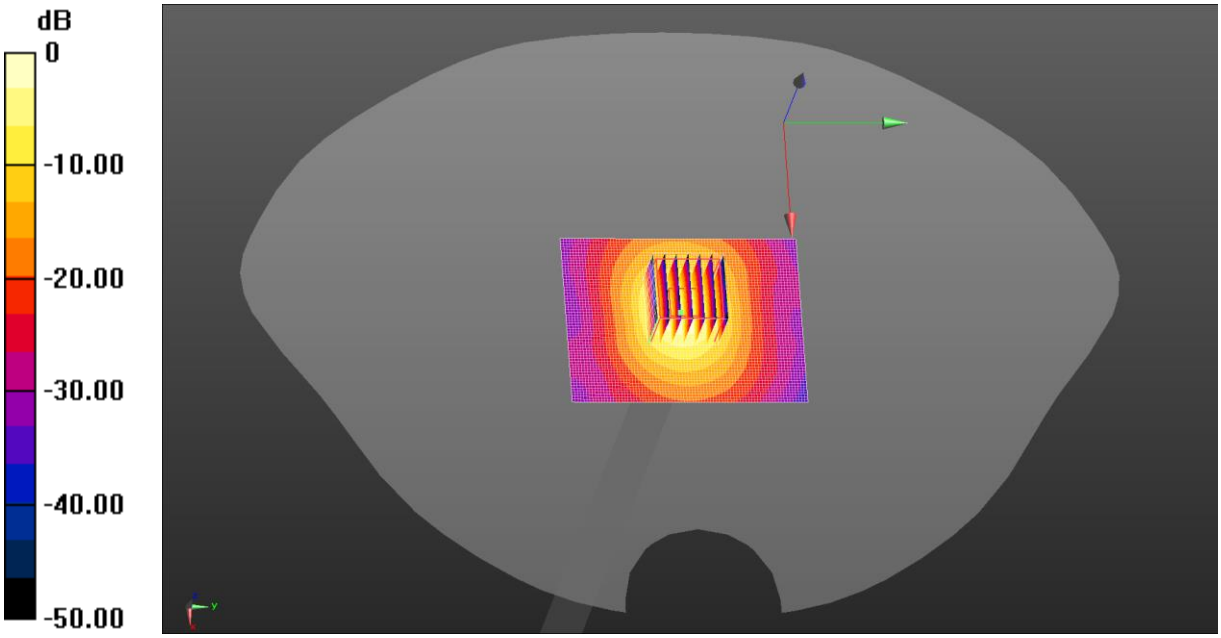
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.044 S/m; ε_r = 33.805; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5800 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 8.26 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 = 41.38 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 13.3 W/kg
SAR(1 g) = 3.1 W/kg; SAR(10 g) = 0.853 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 8.21 W/kg



0 dB = 8.21 W/kg = 9.14 dBW/kg

Appendix B: Plots of SAR Test Data

Test Laboratory: JYTSZ Date: 07.21.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

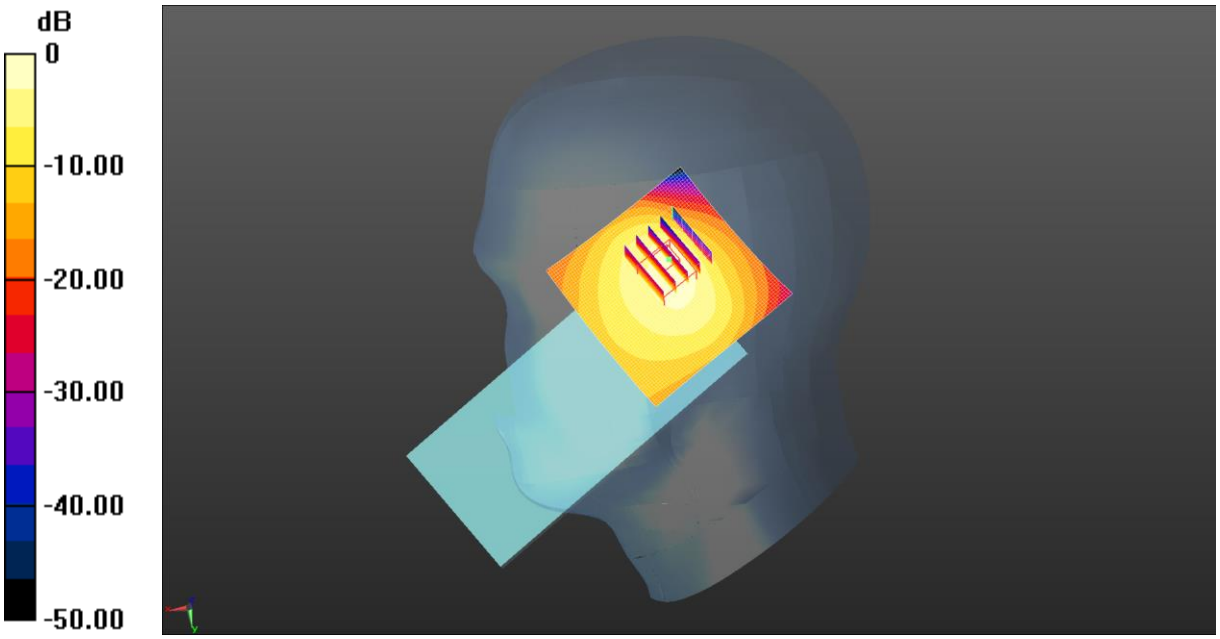
Communication System: UID 0, GSM (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.901 S/m; ε_r = 41.453; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 850 Right Tilted/Middle Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

GSM 850 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.10 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.410 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 29.7%
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

Test Laboratory: JYTSZ Date: 07.27.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

Communication System: UID 0, GSM (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.393 S/m; ε_r = 40.435; ρ = 1000 kg/m^3
Phantom section: Right Section

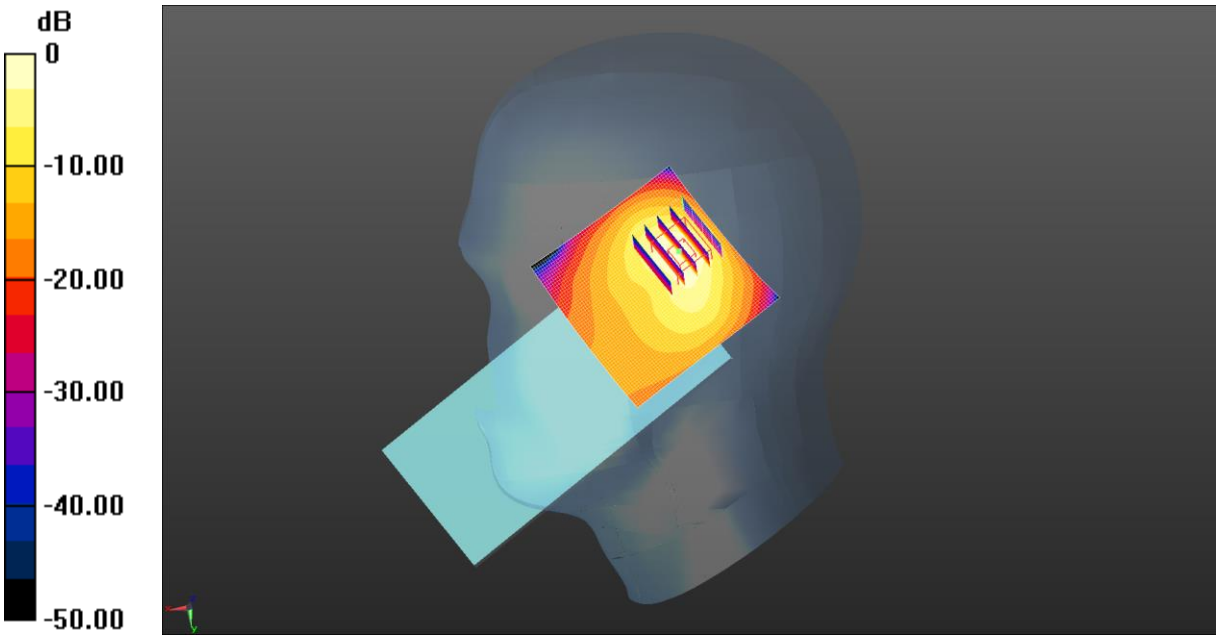
DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 0.893 W/kg

GSM 1900 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.84 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.297 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 44.2%

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 0.893 W/kg = -0.49 dBW/kg

Test Laboratory: JYTSZ Date: 07.27.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

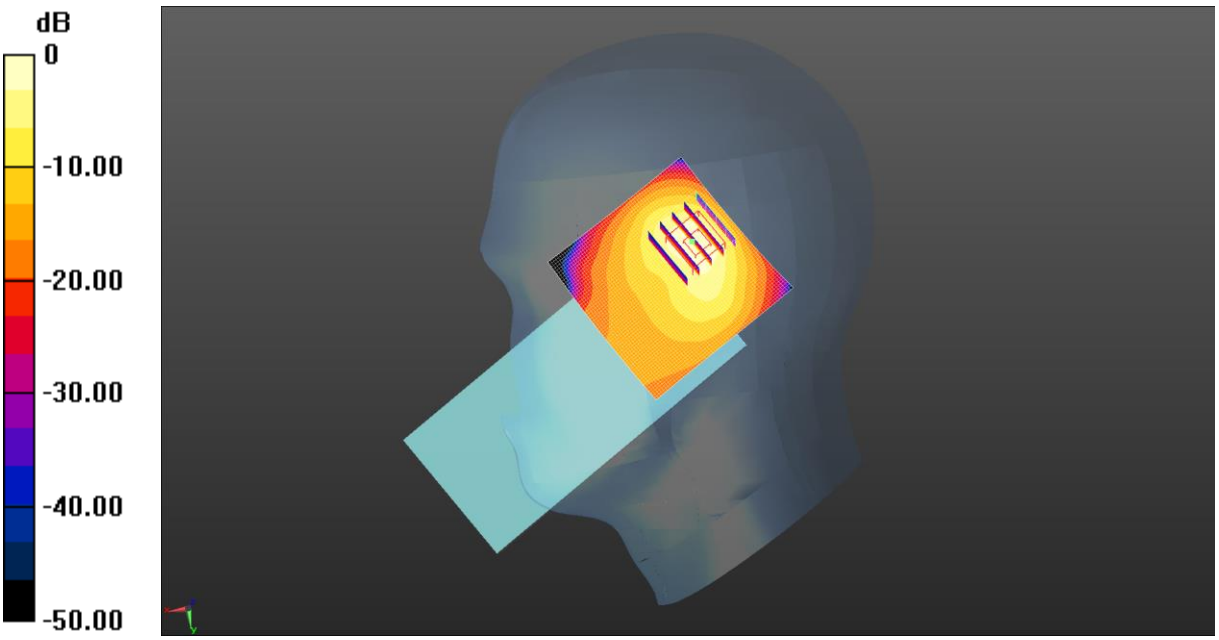
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.41 S/m; ε_r = 40.401; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1907.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 1.01 W/kg

WCDMA 1900 Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.07 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.327 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 43.8%
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.01 W/kg = 0.03 dBW/kg

Test Laboratory: JYTSZ Date: 07.24.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

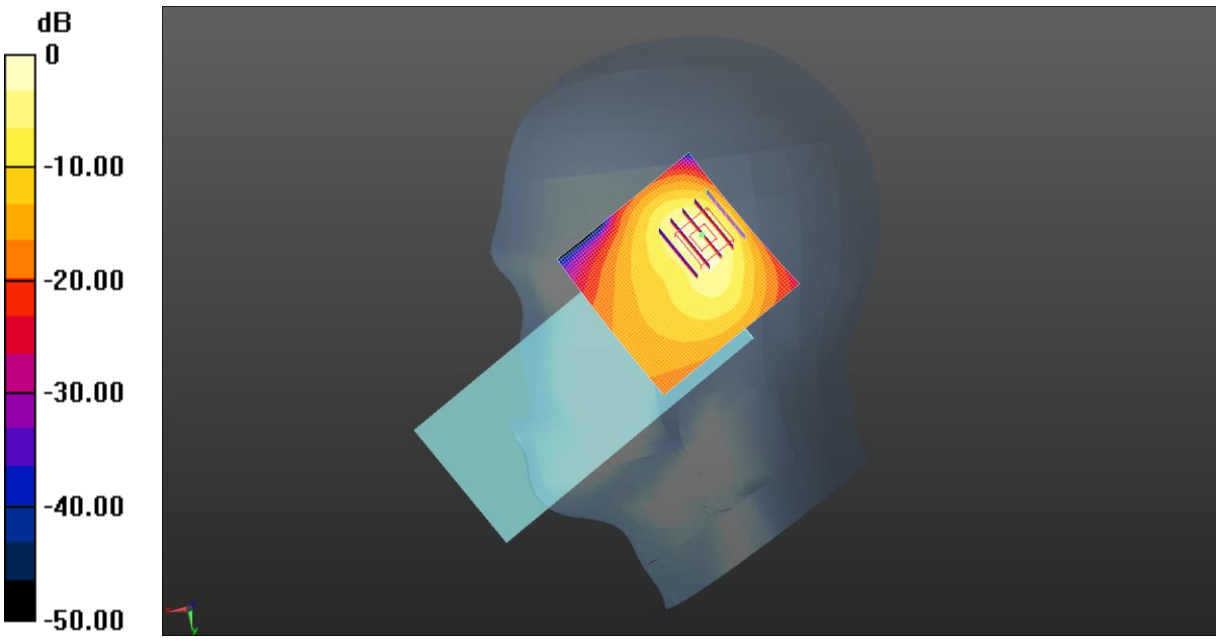
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.302 S/m; ε_r = 40.262; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1712.4 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- 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) = 0.959 W/kg

WCDMA 1700 Right Tilted/Low Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.06 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.319 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 45.6%
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 0.959 W/kg = -0.18 dBW/kg

Test Laboratory: JYTSZ Date: 07.21.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

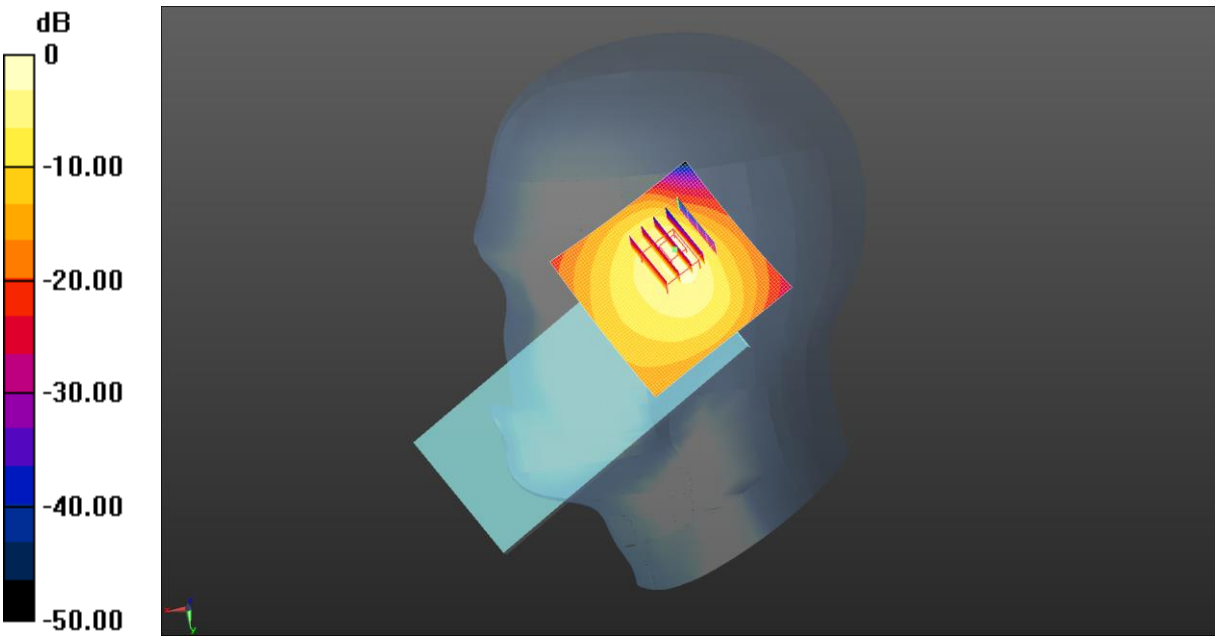
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.901 S/m; ε_r = 41.453; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Right Tilted/Middle Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.27 W/kg

WCDMA 850 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.87 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.08 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.525 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 35.7%
Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 2.27 W/kg = 3.56 dBW/kg

Test Laboratory: JYTSZ Date: 07.27.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.382 S/m; ε_r = 40.461; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

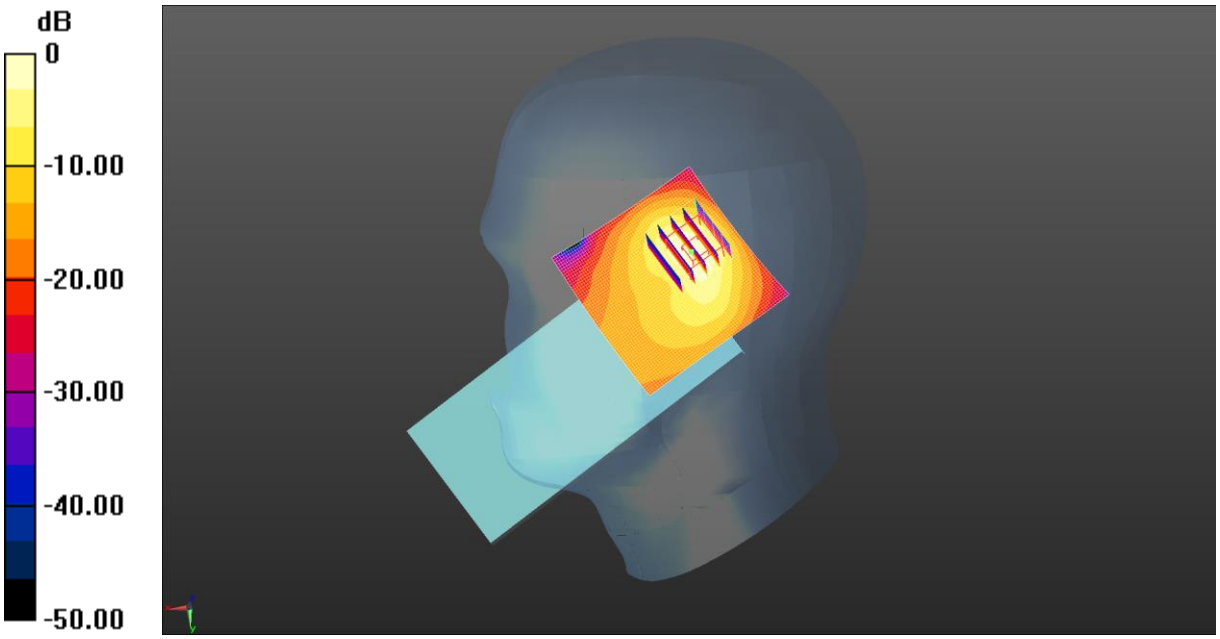
- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1860 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.69 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.377 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 44.8%
Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.23 W/kg = 0.89 dBW/kg

Test Laboratory: JYTSZ Date: 07.24.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

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 = 1.32 S/m; ε_r = 40.652; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

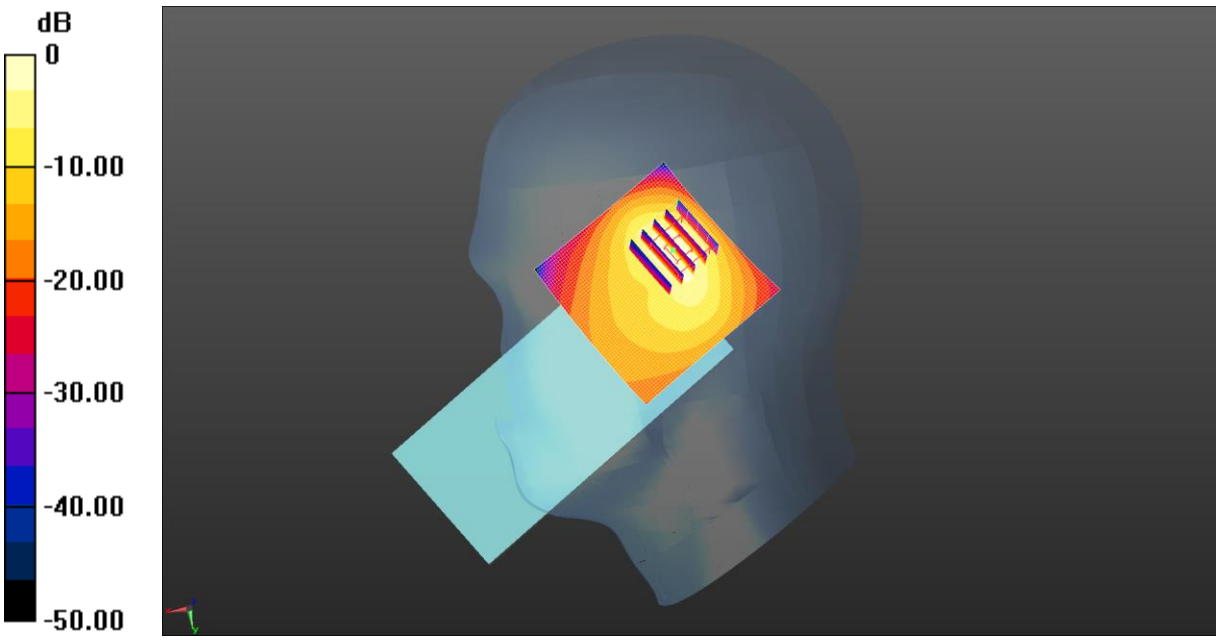
- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1745 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.930 W/kg

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.87 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.287 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 44.7%
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 0.930 W/kg = -0.31 dBW/kg

Test Laboratory: JYTSZ Date: 07.21.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.901 S/m; ε_r = 41.453; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

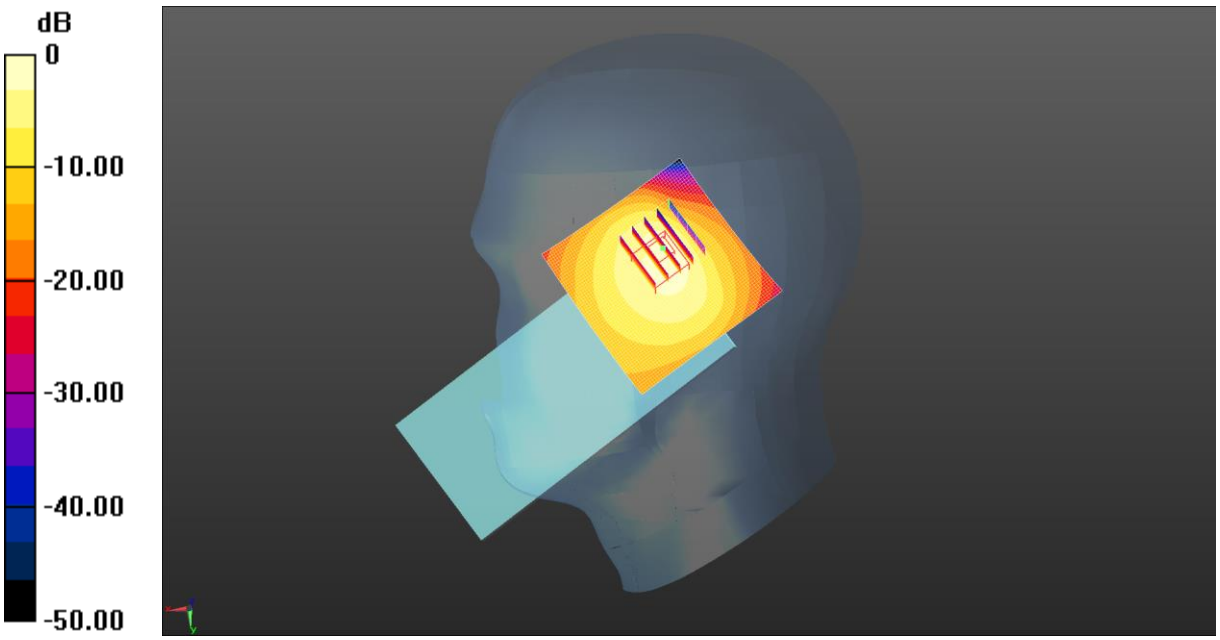
- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.5 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.64 W/kg

LTE Band 5 1RB(10MHz) Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.57 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.463 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 38.2%
Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.14 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2510 MHz;Duty Cycle: 1:3.01995
Medium parameters used: f = 2510 MHz; σ = 1.821 S/m; ε_r = 39.949; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

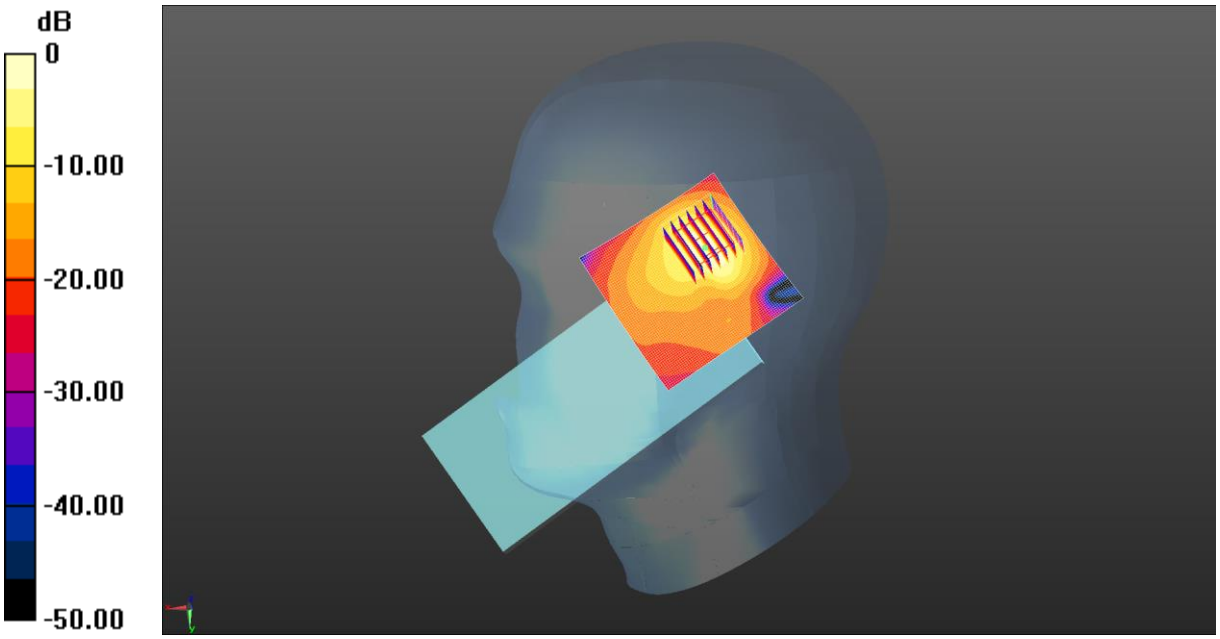
- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2510 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.53 W/kg

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.589 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.292 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 38.2%
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.53 W/kg = 1.84 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

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 = 39.892; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

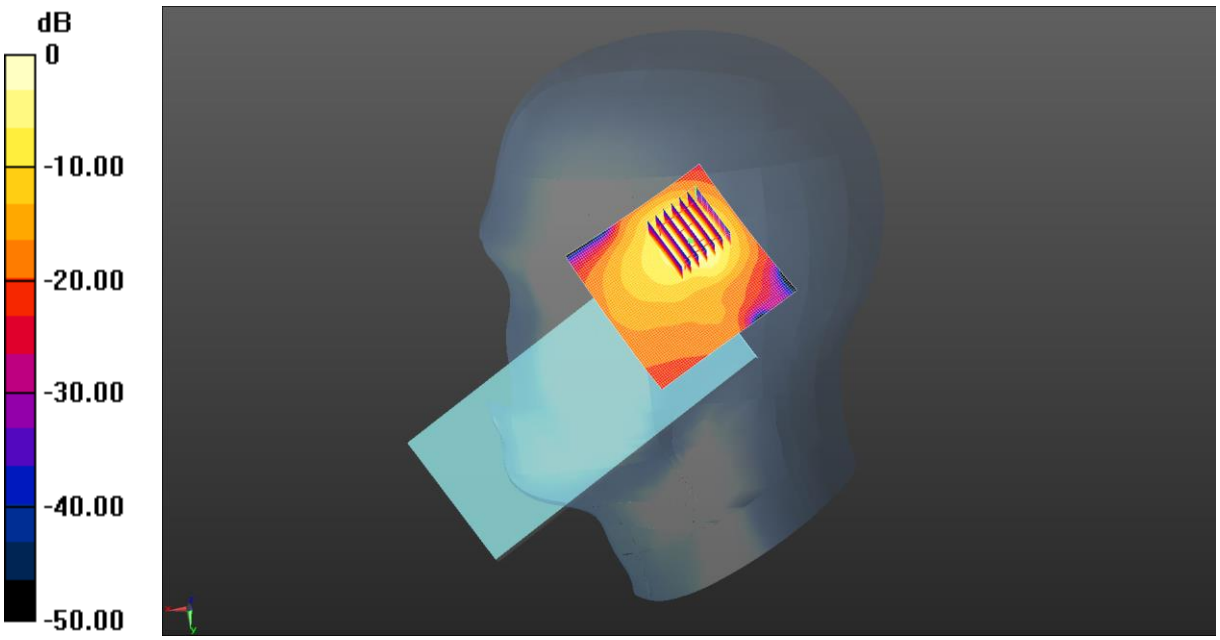
- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2545 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Right Tilted/Middle Channel/Area Scan (71x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

LTE Band 41 1RB(20MHz) Right Tilted/Middle Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.234 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.228 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 38.2%
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.18 W/kg = 0.73 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

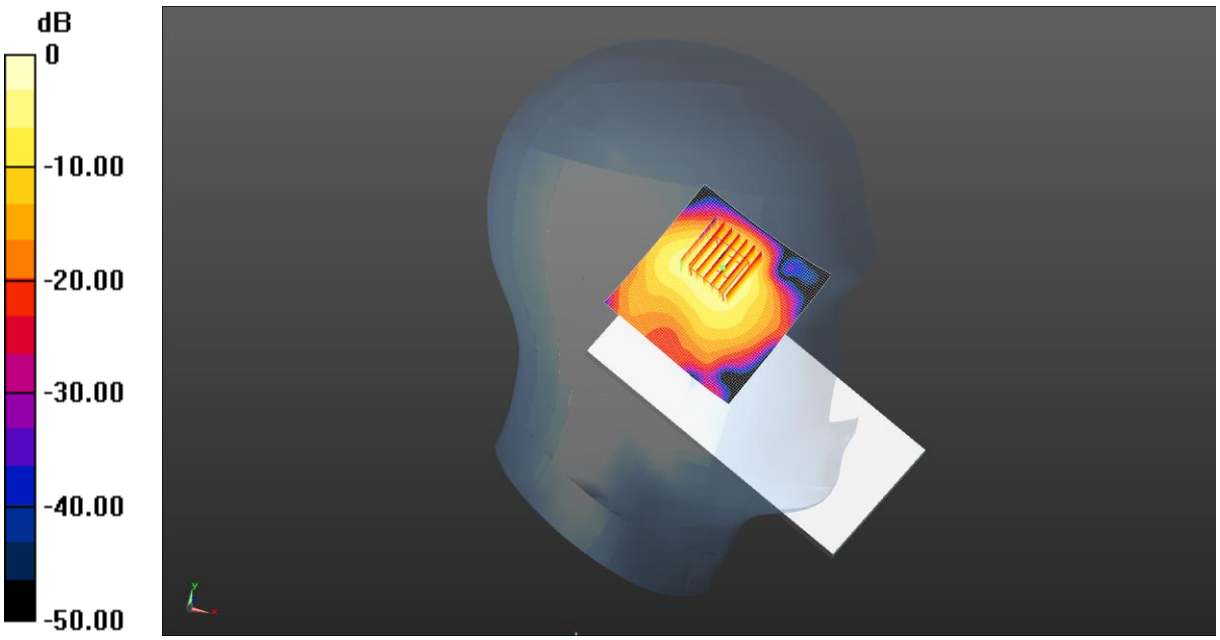
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.766 S/m; ε_r = 39.49; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2437 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2.4G WiFi Left Cheek/Middle Channel/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.353 W/kg

2.4G WiFi Left Cheek/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.603 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.069 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 37%
Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.353 W/kg = -4.53 dBW/kg

Test Laboratory: JYTSZ Date: 08.03.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

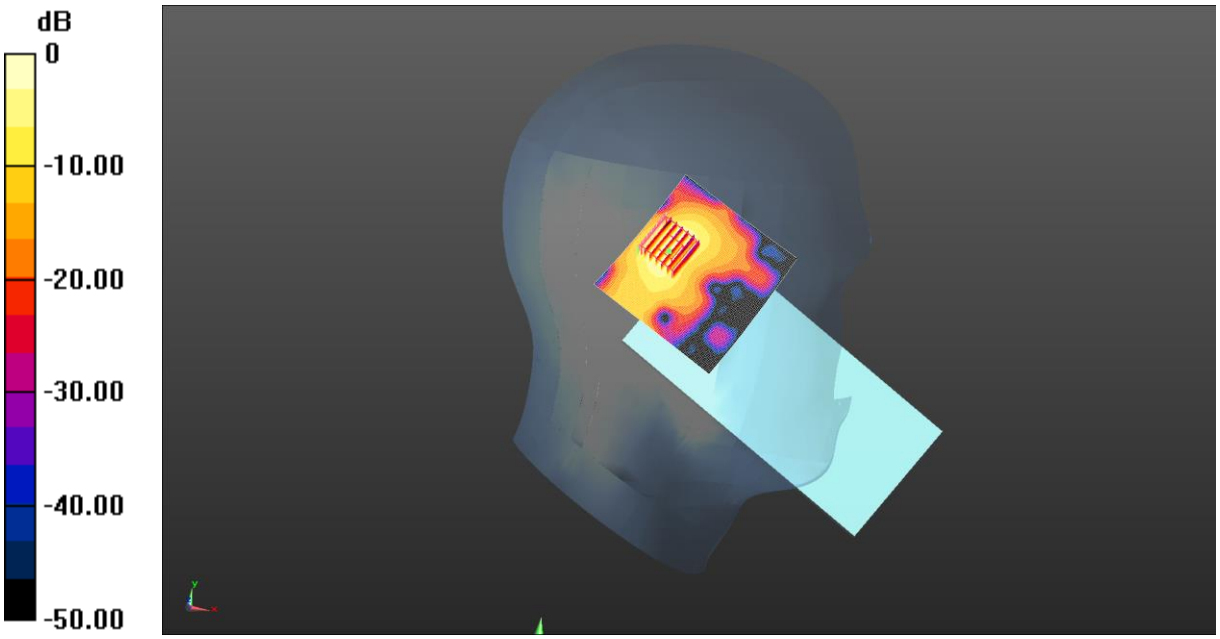
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.492 S/m; ε_r = 34.445; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5240 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Left Tilted/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.923 W/kg

5.2G WiFi Left Tilted/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.630 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.090 W/kg
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.1%
Maximum value of SAR (measured) = 0.821 W/kg



0 dB = 0.821 W/kg = -0.86 dBW/kg

Test Laboratory: JYTSZ Date: 08.06.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

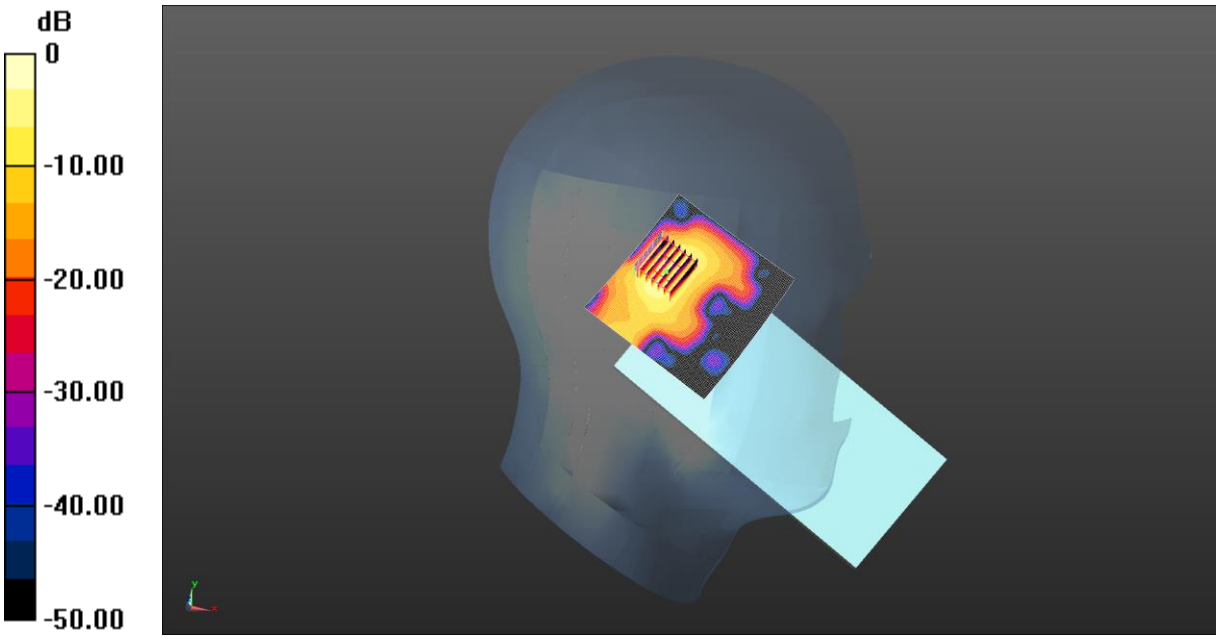
Communication System: UID 0, IEEE 802.11 ac20 5GHz (0); Frequency: 5280 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 4.531 S/m; ε_r = 34.399; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5280 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Left Tilted/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.724 W/kg

5.3G WiFi Left Tilted/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.373 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.079 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 54.7%
Maximum value of SAR (measured) = 0.772 W/kg



0 dB = 0.772 W/kg = -1.12 dBW/kg

Test Laboratory: JYTSZ Date: 08.09.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

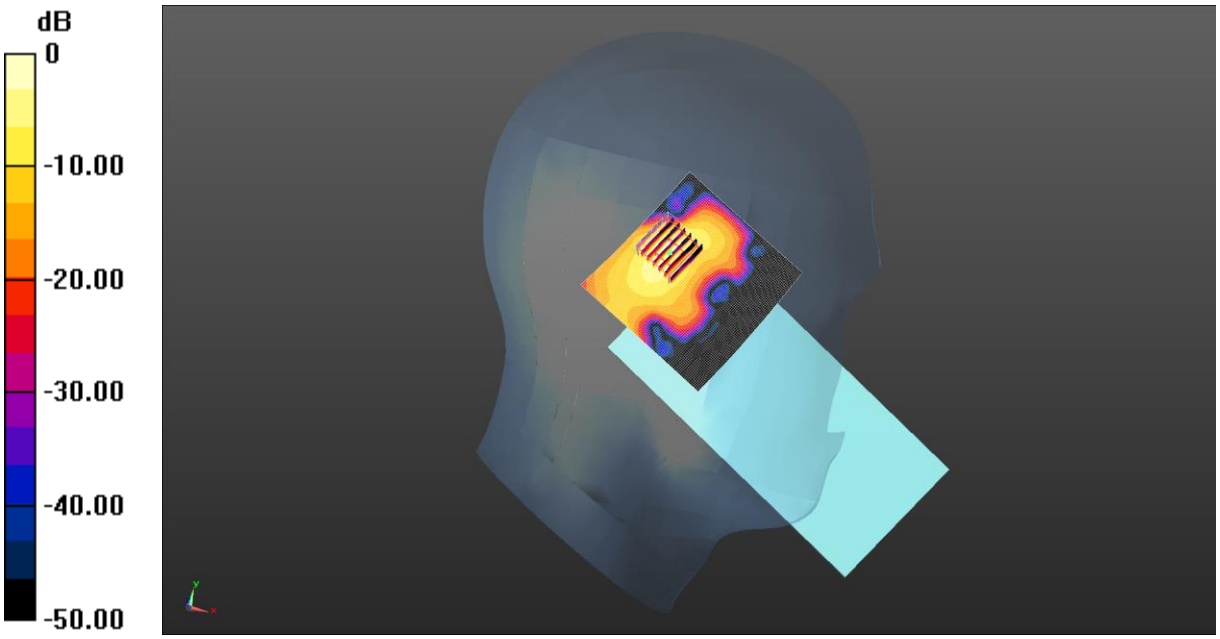
Communication System: UID 0, IEEE 802.11 n20 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.748 S/m; ε_r = 34.148; ρ = 1000 kg/m^3
Phantom section: Left Section

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 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.6G WiFi Left Tilted/Low Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.847 W/kg

5.6G WiFi Left Tilted/Low Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.395 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.089 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 52.8%
Maximum value of SAR (measured) = 0.911 W/kg



0 dB = 0.911 W/kg = -0.40 dBW/kg

Test Laboratory: JYTSZ Date: 07.19.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

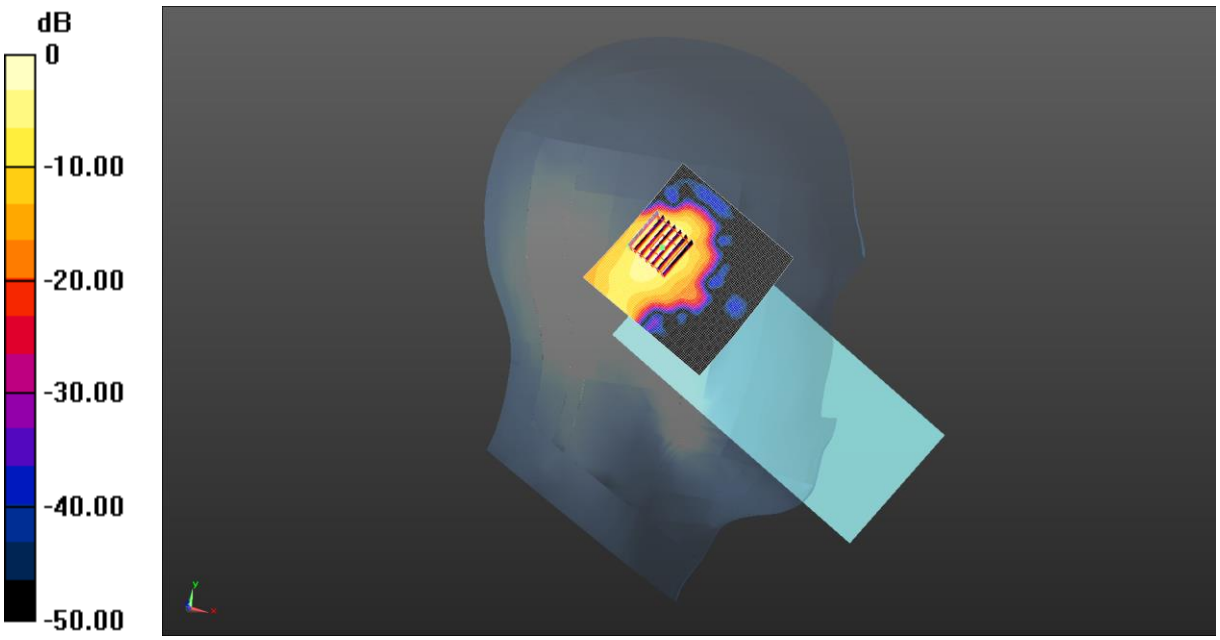
Communication System: UID 0, IEEE 802.11 n20 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5825 MHz; σ = 5.069 S/m; ε_r = 33.776; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5825 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Left Tilted/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.842 W/kg

5.8G WiFi Left Tilted/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.342 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.318 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 = 51.4%
Maximum value of SAR (measured) = 0.836 W/kg



0 dB = 0.836 W/kg = -0.78 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

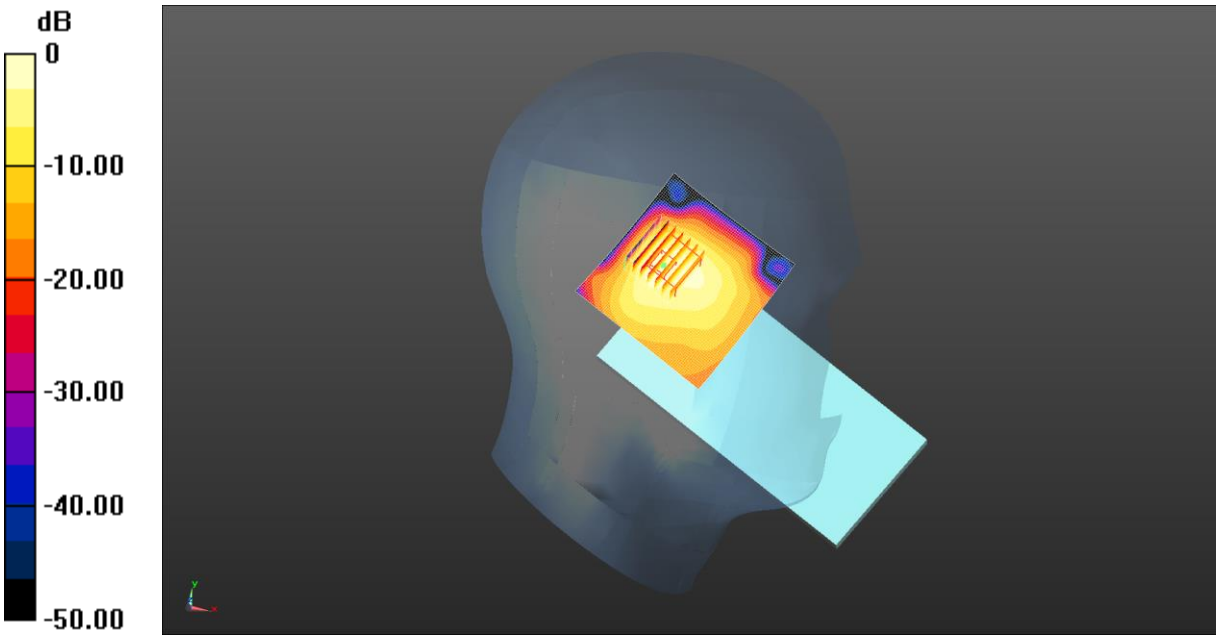
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.769 S/m; ε_r = 39.483; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Left Cheek/Middle Channel/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.204 W/kg

Bluetooth Left Cheek/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.338 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.049 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 43.4%
Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.204 W/kg = -6.91 dBW/kg

Test Laboratory: JYTSZ Date: 07.21.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

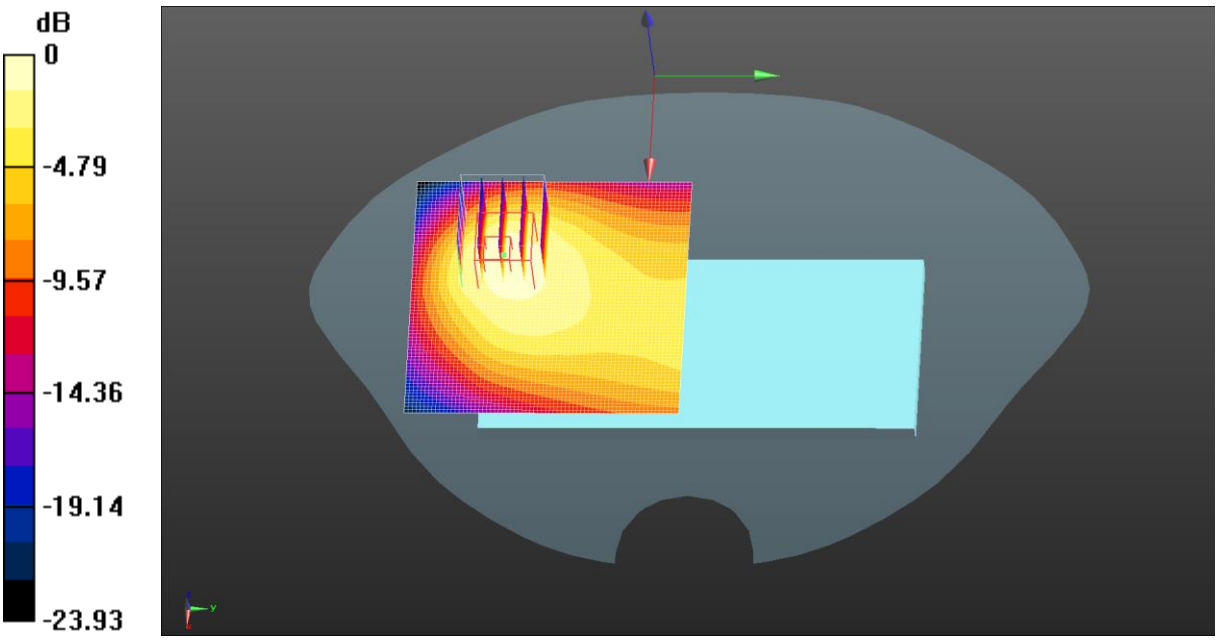
Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 836.6 MHz;Duty Cycle: 1:1.99986
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.901 S/m; ε_r = 41.453; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 850 4Slots Body Back/Middle Channel/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.487 W/kg

GPRS 850 4Slots Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.20 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.182 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 56%
Maximum value of SAR (measured) = 0.414 W/kg



0 dB = 0.487 W/kg = -3.13 dBW/kg

Test Laboratory: JYTSZ Date: 07.27.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

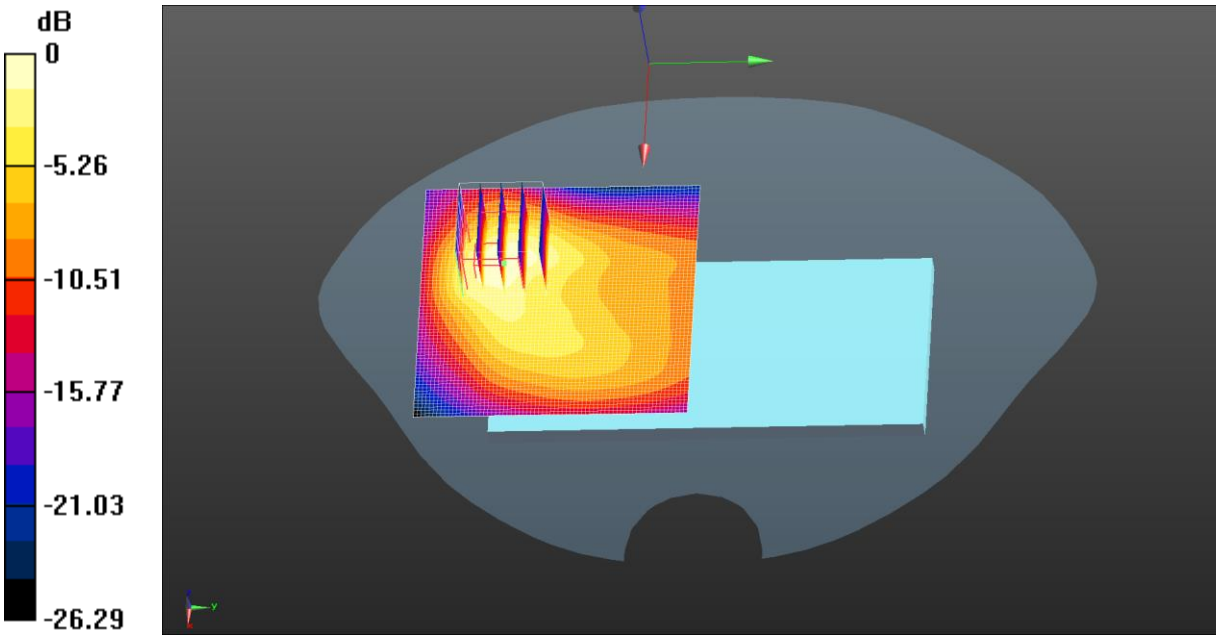
Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1880 MHz;Duty Cycle: 1:1.99986
Medium parameters used: f = 1880 MHz; σ = 1.393 S/m; ε_r = 40.435; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 1900 4Slots Body Back/Middle Channel/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.907 W/kg

GPRS 1900 4Slots Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.775 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.289 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 52.2%
Maximum value of SAR (measured) = 0.842 W/kg



0 dB = 0.907 W/kg = -0.42 dBW/kg

Test Laboratory: JYTSZ Date: 07.27.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

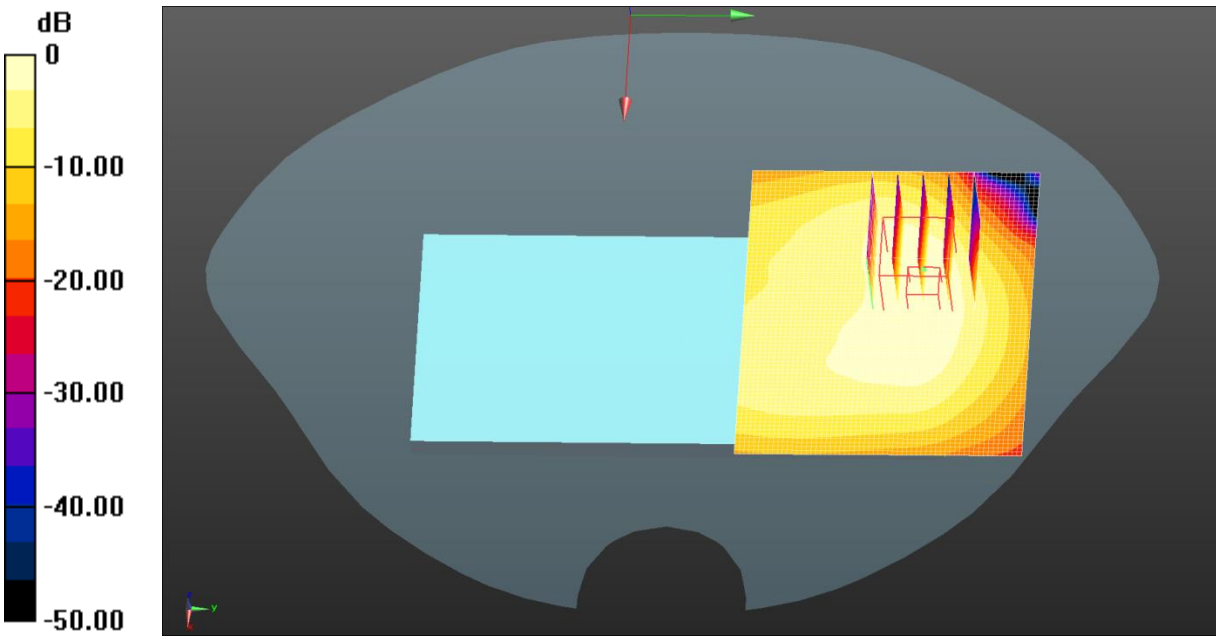
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.41 S/m; ε_r = 40.401; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1907.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMD 1900 Body Back/High Channel/Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

WCDMD 1900 Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.11 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.375 W/kg
Smallest distance from peaks to all points 3 dB below = 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 57.9%
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.08 W/kg = 0.34 dBW/kg

Test Laboratory: JYTSZ Date: 07.24.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

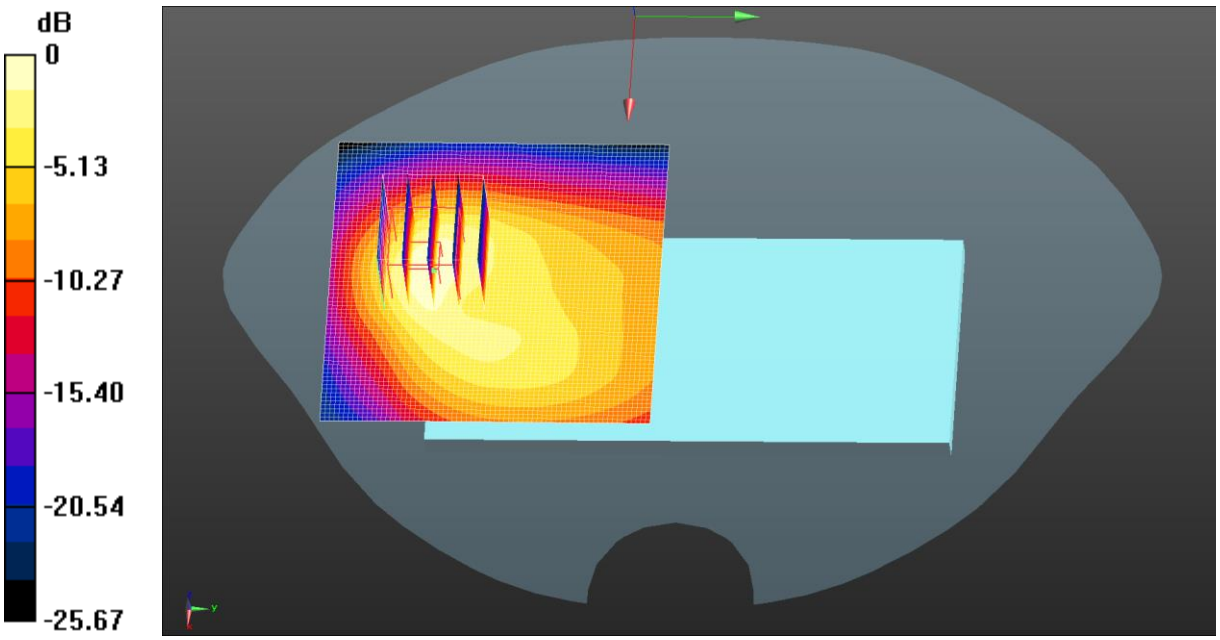
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.302 S/m; ε_r = 40.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1712.4 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Body Back/Low Channel/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.604 W/kg

WCDMA 1700 Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.842 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.685 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.193 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

Test Laboratory: JYTSZ Date: 07.21.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

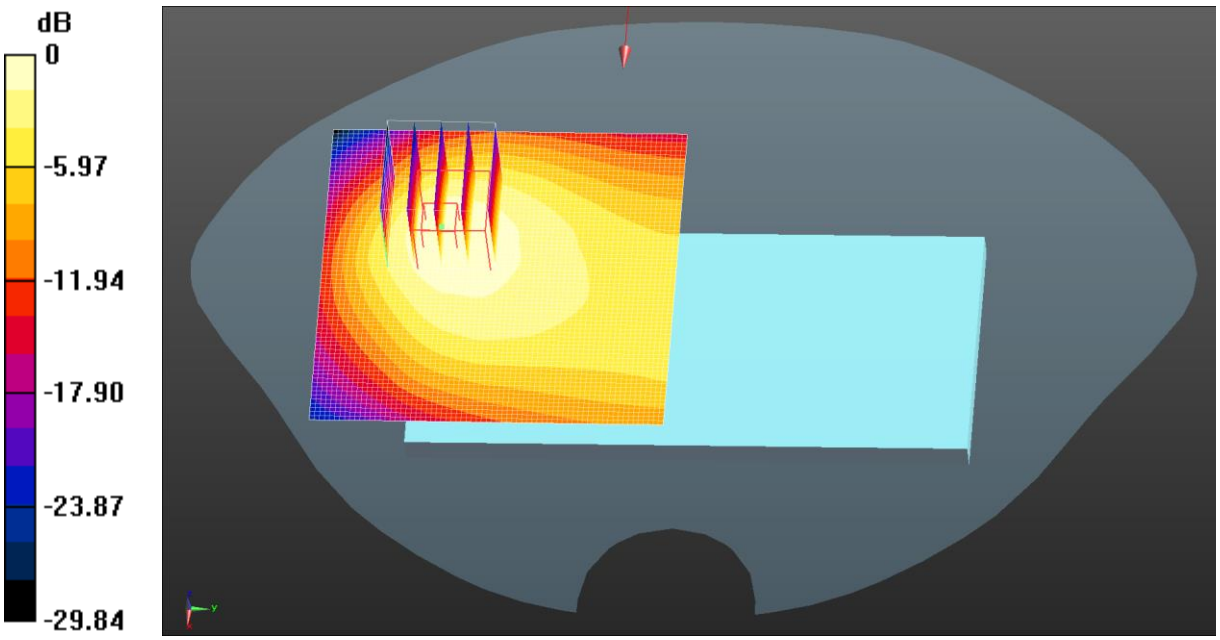
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.901 S/m; ε_r = 41.453; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Body Back/Middle Channel/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.382 W/kg

WCDMA 850 Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.99 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.428 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.146 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 55.8%
Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg

Test Laboratory: JYTSZ Date: 07.27.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.405 S/m; ε_r = 40.41; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

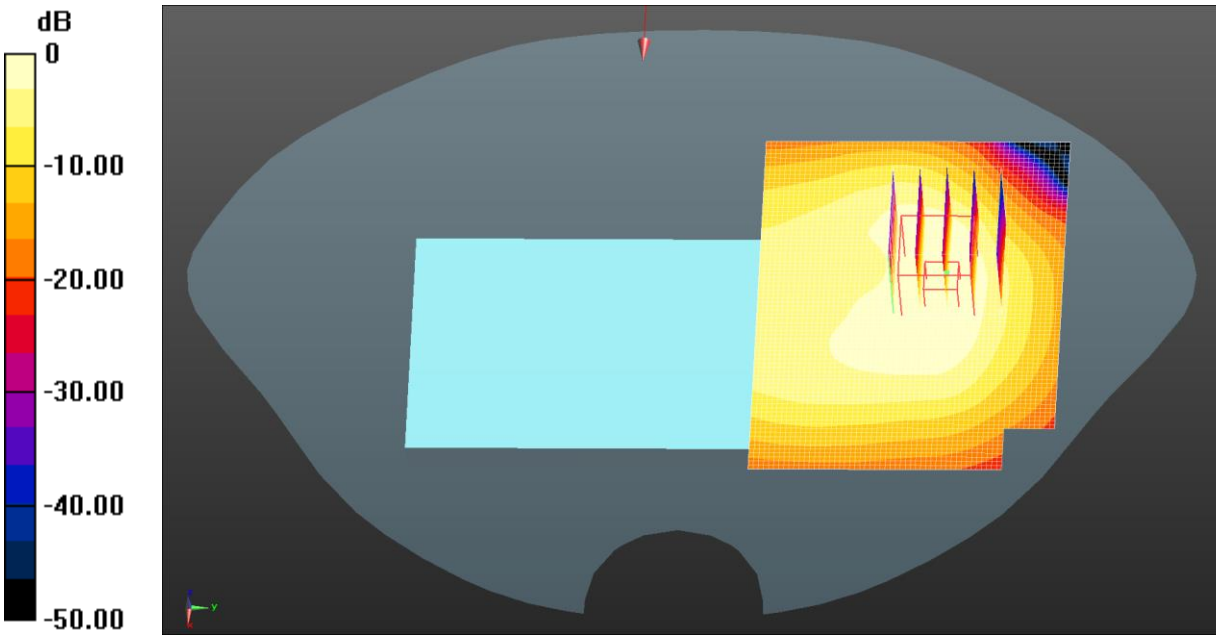
- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1900 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Body Back/High Channel/Area Scan (81x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 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 = 10.64 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.387 W/kg
Smallest distance from peaks to all points 3 dB below = 13.2 mm
Ratio of SAR at M2 to SAR at M1 = 58.1%
Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Laboratory: JYTSZ Date: 07.24.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

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 = 1.32 S/m; ε_r = 40.652; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

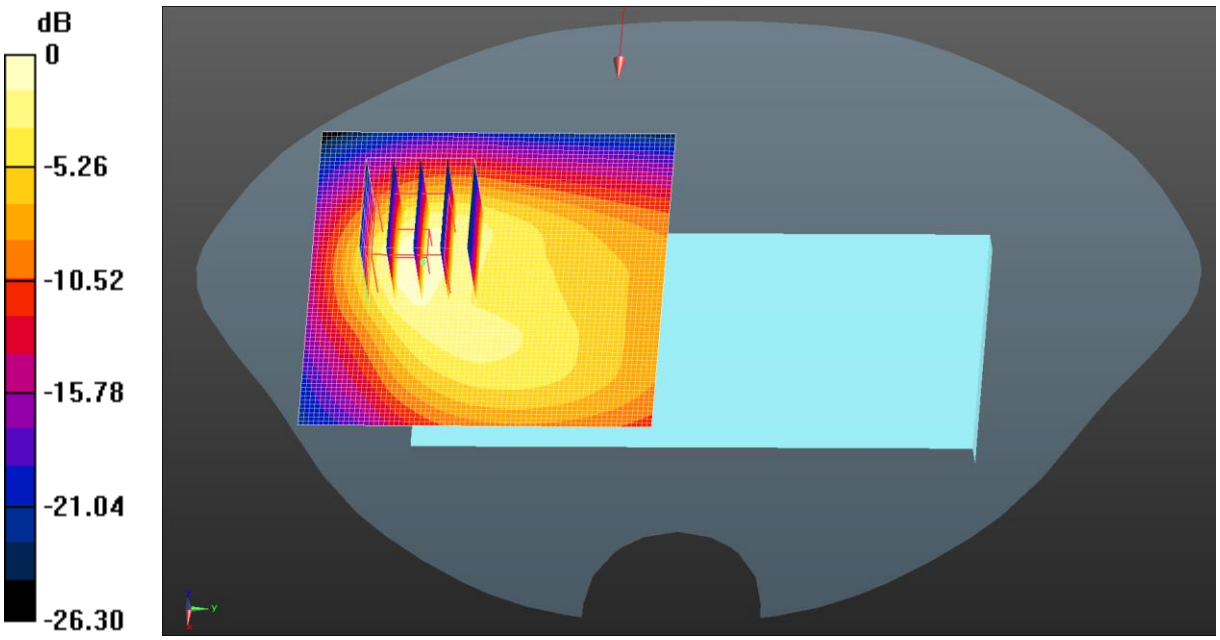
- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1745 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 4 1RB(20MHz) Body Back/High Channel/Area Scan (71x71x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.653 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 = 6.965 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.731 W/kg
SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.211 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 52.7%
Maximum value of SAR (measured) = 0.575 W/kg



0 dB = 0.653 W/kg = -1.85 dBW/kg

Test Laboratory: JYTSZ Date: 07.21.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.901 S/m; ε_r = 41.453; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

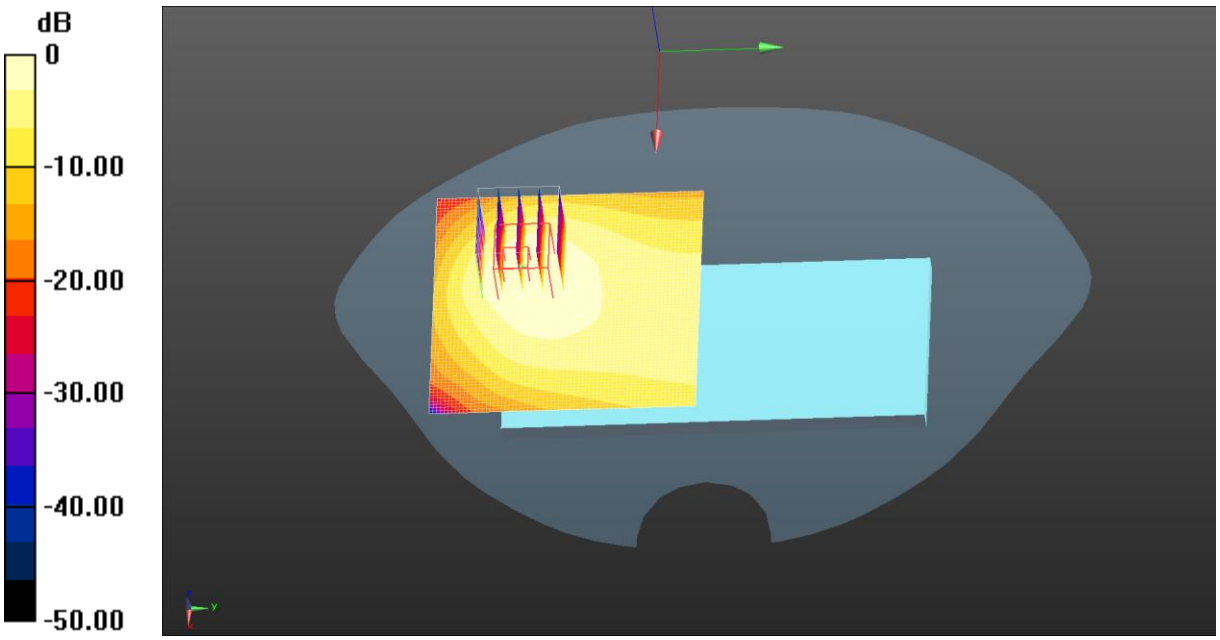
- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 836.5 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Body Back/Middle Channel/Area Scan (71x71x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.465 W/kg

LTE Band 5 1RB(10MHz) Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.79 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.525 W/kg
SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.175 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 52.5%
Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.465 W/kg = -3.32 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.821 S/m; ε_r = 39.949; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

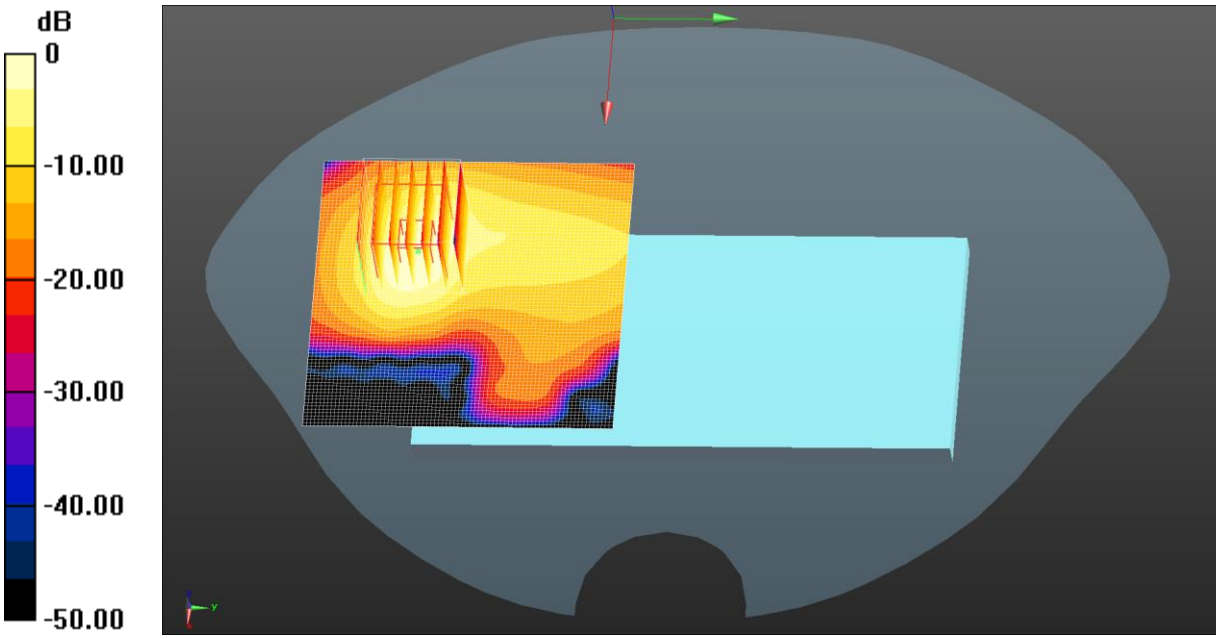
- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2510 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Body Back/Low Channel/Area Scan (81x81x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.368 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 = 2.419 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.099 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 47.1%
Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.368 W/kg = -4.34 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

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 = 1.927 S/m; ε_r = 39.733; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

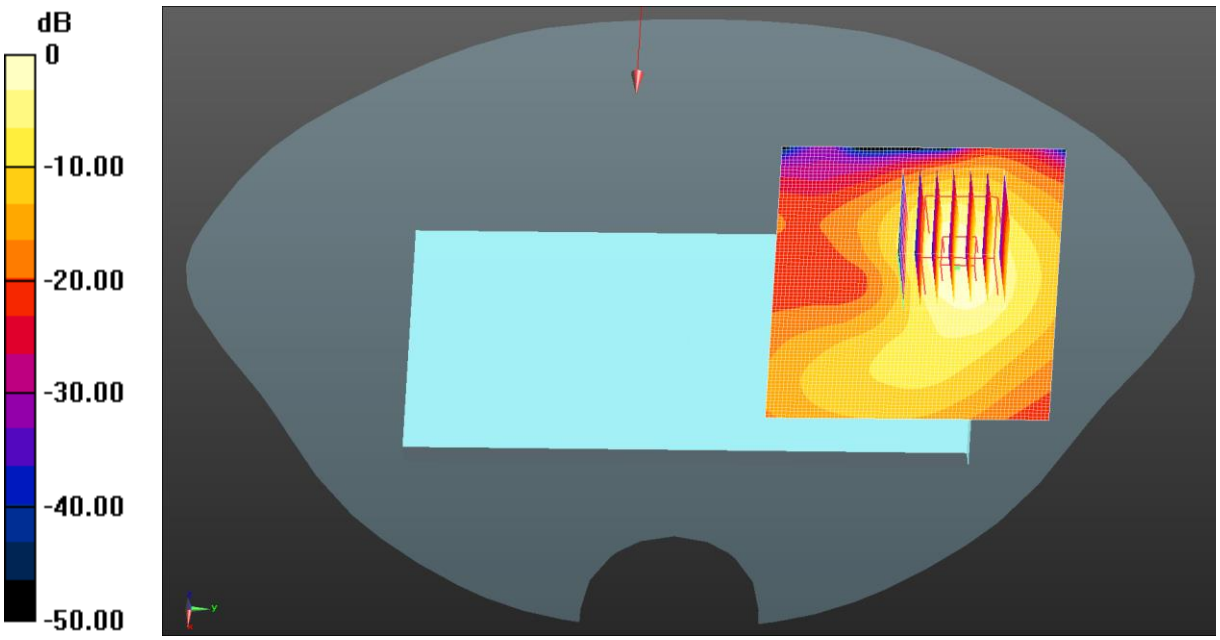
- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2645 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Body Back/High Channel/Area Scan (81x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.899 W/kg

LTE Band 41 1RB(20MHz) Body Back/High Channel/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.032 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.232 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 46.6%
Maximum value of SAR (measured) = 0.910 W/kg



0 dB = 0.899 W/kg = -0.46 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

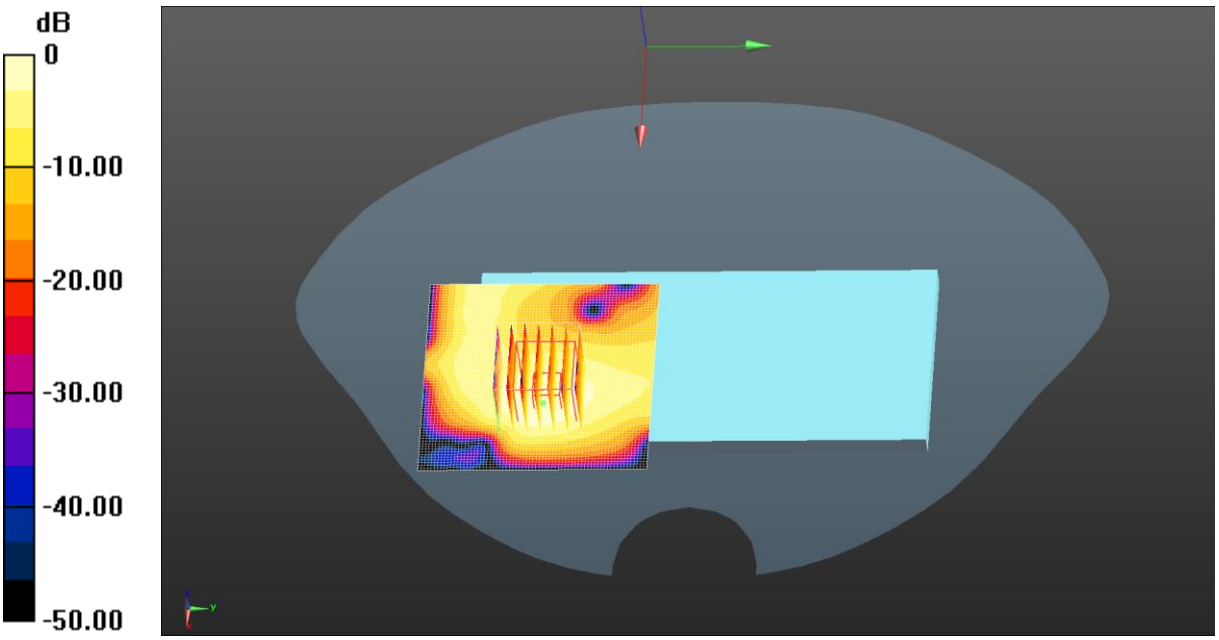
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.766 S/m; ε_r = 39.49; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2437 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2.4G WiFi Body Back/Middle Channel/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0749 W/kg

2.4G WiFi Body Back/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.205 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.020 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 = 43.8%
Maximum value of SAR (measured) = 0.0778 W/kg



0 dB = 0.0749 W/kg = -11.25 dBW/kg

Test Laboratory: JYTSZ Date: 08.03.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

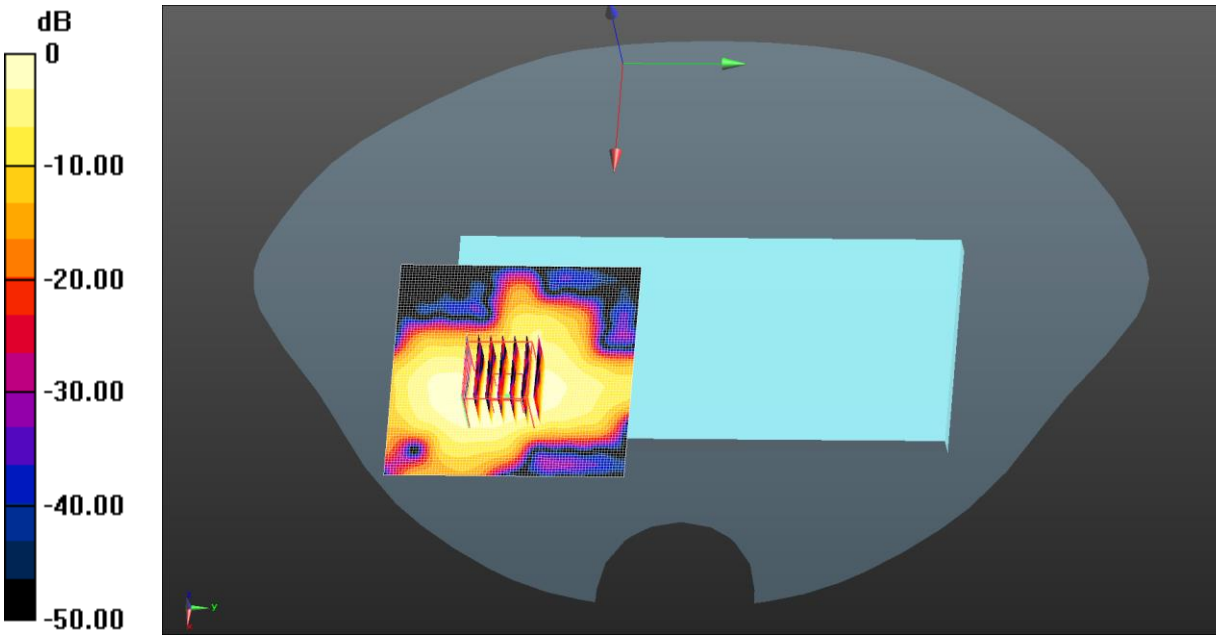
Communication System: UID 0, IEEE 802.11 n20 5GHz (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 4.433 S/m; ε_r = 34.498; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5180 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Body Back/Low Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.187 W/kg

5.2G WiFi Body Back/Low Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.6040 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.024 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 53.7%
Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

Test Laboratory: JYTSZ Date: 08.06.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

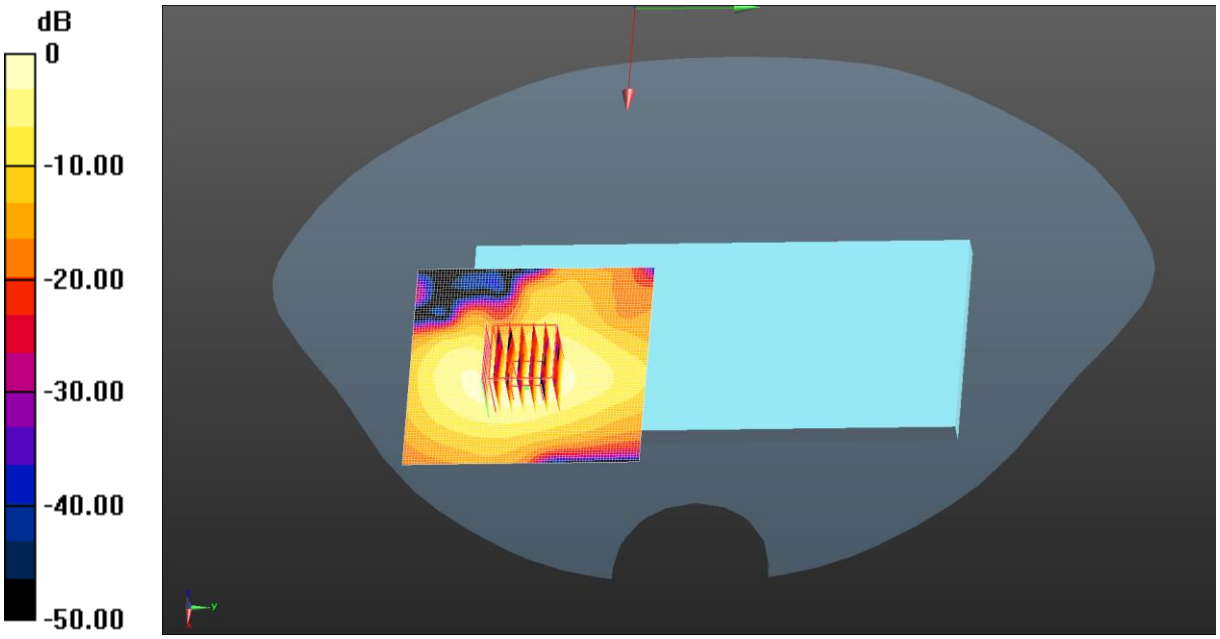
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.571 S/m; ε_r = 34.353; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5320 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Body Back/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.309 W/kg

5.3G WiFi Body Back/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.008 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.044 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.3%
Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg

Test Laboratory: JYTSZ Date: 08.09.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

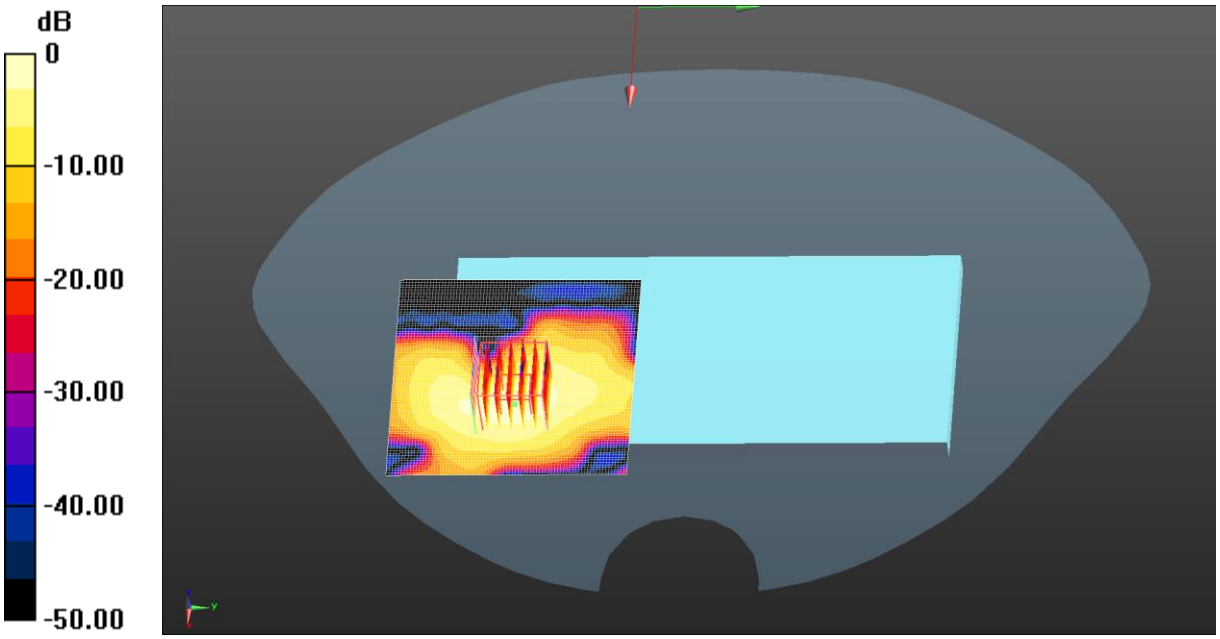
Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 4.847 S/m; ε_r = 34.033; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.6G WiFi Body Back/Middle Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.354 W/kg

5.6G WiFi Body Back/Middle Channel/Zoom Scan (7x7x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9510 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.595 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.046 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 52.3%
Maximum value of SAR (measured) = 0.356 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg

Test Laboratory: JYTSZ Date: 08.12.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

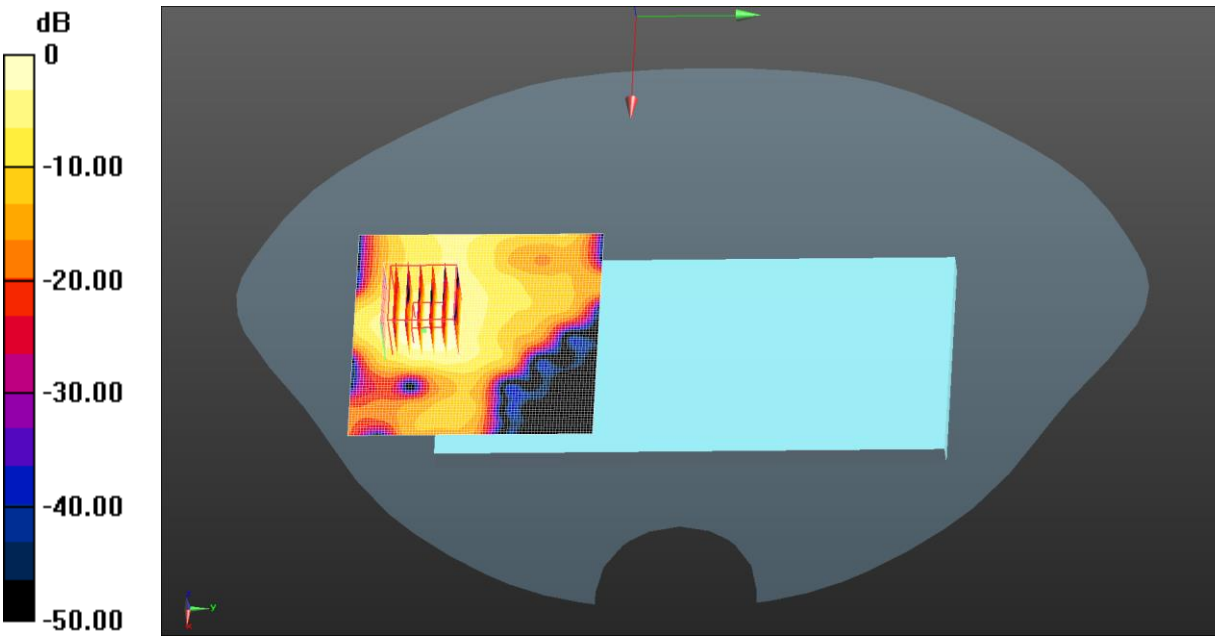
Communication System: UID 0, IEEE 802.11 n20 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5825 MHz; σ = 5.069 S/m; ε_r = 33.776; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5825 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Body Back/High Channel/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.370 W/kg

5.8G WiFi Body Back/High 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) = 0.619 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.050 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.360 W/kg = -4.44 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

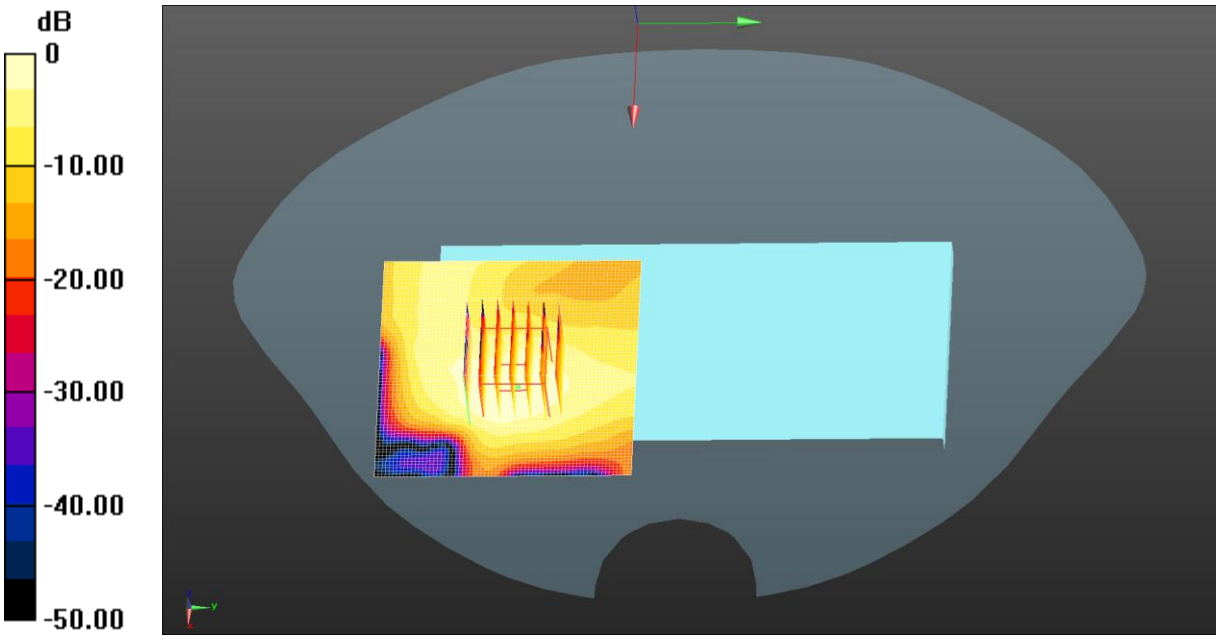
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.769 S/m; ε_r = 39.483; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Back/Middle Channel/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0611 W/kg

Bluetooth Body Back/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.030 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0860 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.017 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 = 43.6%
Maximum value of SAR (measured) = 0.0648 W/kg



0 dB = 0.0611 W/kg = -12.14 dBW/kg

Test Laboratory: JYTSZ Date: 07.27.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.405 S/m; ε_r = 40.41; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

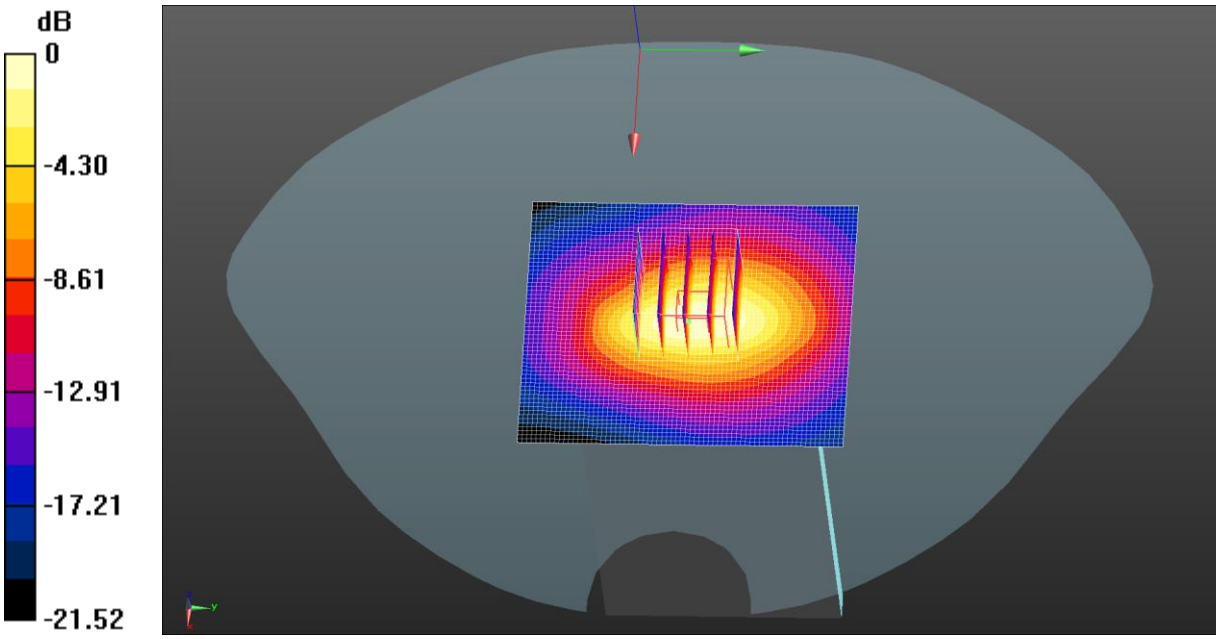
- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1900 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.28 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.405 W/kg
Smallest distance from peaks to all points 3 dB below = 11.3 mm
Ratio of SAR at M2 to SAR at M1 = 57.6%
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

Test Laboratory: JYTSZ Date: 07.24.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

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 = 1.32 S/m; ε_r = 40.652; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

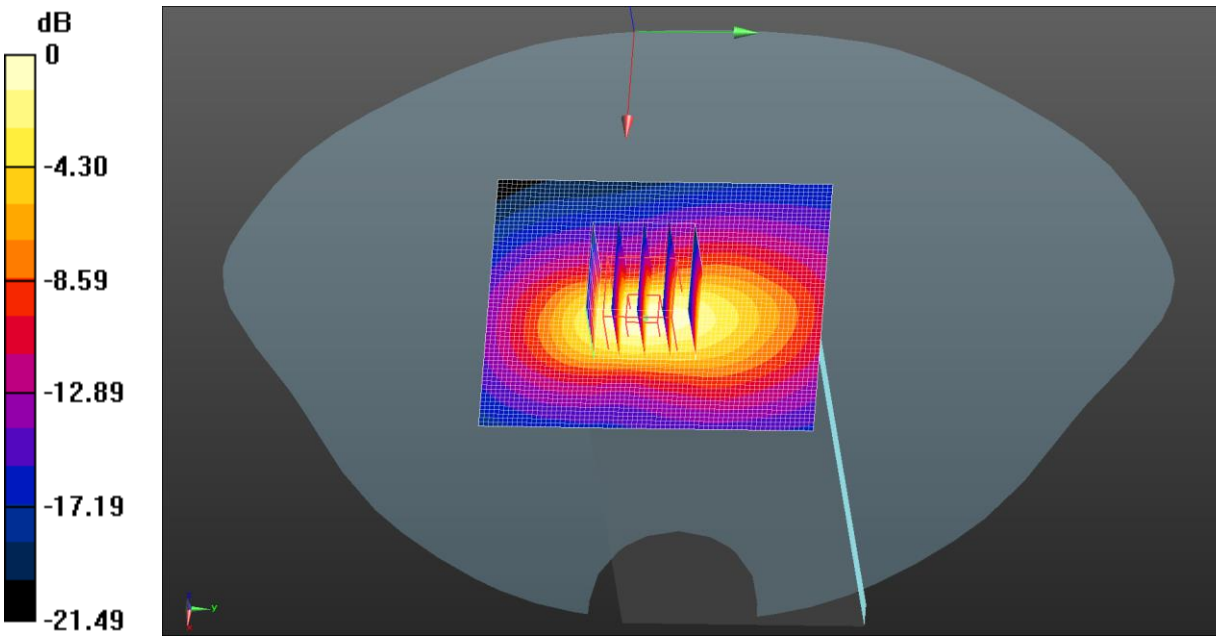
- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1745 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.687 W/kg

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.01 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.892 W/kg
SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.236 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 54.6%
Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.687 W/kg = -1.63 dBW/kg

Test Laboratory: JYTSZ Date: 07.30.2024

DUT: Mobile Phone; Type: X6881; Serial: SZR142400071-3

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 = 1.927 S/m; ε_r = 39.733; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

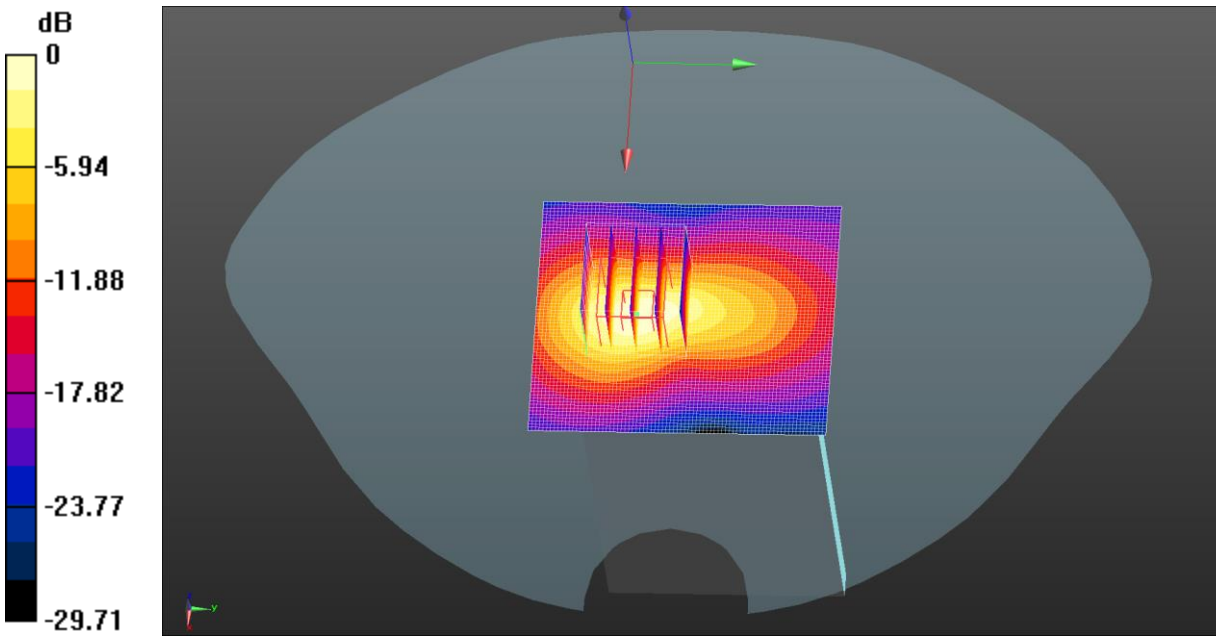
- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2645 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Body Bottom/Middle Channel/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.985 W/kg

LTE Band 41 1RB(20MHz) Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.47 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.248 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 47.5%
Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.985 W/kg = -0.07 dBW/kg

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