	LTE Band 66_Ant1	20M	QPSK	50	24	Bottom Side	0mm	Reduced	132572	1770	17.29	19.00	1.483	-0.12	1.450	2.150
	LTE Band 66_Ant1	20M	QPSK	50	24	Bottom Side	0mm	Reduced	132072	1720	17.26	19.00	1.493	0.04	1.320	1.970
	LTE Band 66_Ant1	20M	QPSK	50	24	Bottom Side	0mm	Reduced	132322	1745	17.25	19.00	1.496	0.12	1.300	1.945
	LTE Band 66_Ant1	20M	QPSK	100	0	Back	0mm	Reduced	132572	1770	17.28	19.00	1.486	-0.08	1.740	2.586
	LTE Band 66_Ant1	20M	QPSK	100	0	Left Side	0mm	Full	132572	1770	21.34	23.00	1.466	0.11	1.220	1.788
	LTE Band 66_Ant1	20M	QPSK	100	0	Bottom Side	0mm	Reduced	132572	1770	17.28	19.00	1.486	0.1	1.430	2.125
	LTE Band 2_Ant2	20M	QPSK	1	49	Front	0mm	Reduced	19100	1900	19.68	20.50	1.208	-0.01	0.731	0.883
	LTE Band 2_Ant2	20M	QPSK	1	49	Back	0mm	Reduced	19100	1900	19.68	20.50	1.208	0.15	2.350	2.838
	LTE Band 2_Ant2	20M	QPSK	1	49	Back	0mm	Reduced	18700	1860	19.63	20.50	1.222	0.02	2.420	2.957
	LTE Band 2_Ant2	20M	QPSK	1	49	Back	0mm	Reduced	18900	1880	19.60	20.50	1.230	0.12	2.400	2.953
	LTE Band 2_Ant2	20M	QPSK	1	49	Top Side	0mm	Reduced	19100	1900	19.68	20.50	1.208	0.04	1.960	2.367
	LTE Band 2_Ant2	20M	QPSK	1	49	Top Side	0mm	Reduced	18700	1860	19.63	20.50	1.222	-0.18	2.250	2.749
	LTE Band 2_Ant2	20M	QPSK	1	49	Top Side	0mm	Reduced	18900	1880	19.60	20.50	1.230	0.08	2.140	2.633
	LTE Band 2_Ant2	20M	QPSK	1	49	Front	7mm	Full	19100	1900	21.13	22.00	1.222	0.01	0.250	0.305
	LTE Band 2_Ant2	20M	QPSK	1	49	Back	14mm	Full	18700	1860	20.97	22.00	1.268	-0.1	0.185	0.235
	LTE Band 2_Ant2	20M	QPSK	1	49	Top Side	12mm	Full	18700	1860	20.97	22.00	1.268	-0.07	0.295	0.374
	LTE Band 2_Ant2	20M	QPSK	50	0	Front	0mm	Reduced	19100	1900	18.68	19.50	1.208	0.02	0.596	0.720
	LTE Band 2_Ant2	20M	QPSK	50	0	Back	0mm	Reduced	19100	1900	18.68	19.50	1.208	0.16	1.830	2.210
	LTE Band 2_Ant2	20M	QPSK	50	0	Back	0mm	Reduced	18700	1860	18.67	19.50	1.211	0.04	1.920	2.324
	LTE Band 2_Ant2	20M	QPSK	50	0	Back	0mm	Reduced	18900	1880	18.57	19.50	1.239	0.01	1.840	2.279
	LTE Band 2_Ant2	20M	QPSK	50	0	Top Side	0mm	Reduced	19100	1900	18.68	19.50	1.208	0.1	1.670	2.017
	LTE Band 2_Ant2	20M	QPSK	50	0	Top Side	0mm	Reduced	18700	1860	18.67	19.50	1.211	-0.12	1.850	2.240
	LTE Band 2_Ant2	20M	QPSK	50	0	Top Side	0mm	Reduced	18900	1880	18.57	19.50	1.239	-0.06	1.870	2.317
	LTE Band 2_Ant2	20M	QPSK	100	0	Back	0mm	Reduced	19100	1900	18.58	19.50	1.236	-0.02	1.800	2.225
	LTE Band 2_Ant2	20M	QPSK	100	0	Top Side	0mm	Reduced	19100	1900	18.58	19.50	1.236	0.07	1.620	2.002
	LTE Band 2_Ant1	20M	QPSK	1	49	Front	0mm	Reduced	19100	1900	19.68	21.00	1.355	0.1	1.610	2.182
	LTE Band 2_Ant1	20M	QPSK	1	49	Front	0mm	Reduced	18700	1860	19.58	21.00	1.387	-0.08	1.610	2.233
	LTE Band 2_Ant1	20M	QPSK	1	49	Front	0mm	Reduced	18900	1880	19.65	21.00	1.365	0.05	1.620	2.211
	LTE Band 2_Ant1	20M	QPSK	1	49	Back	0mm	Reduced	19100	1900	19.68	21.00	1.355	0.14	2.560	3.469
61	LTE Band 2_Ant1	20M	QPSK	1	49	Back	0mm	Reduced	18700	1860	19.58	21.00	1.387	0.05	2.560	**3.550**
	LTE Band 2_Ant1	20M	QPSK	1	49	Back	0mm	Reduced	18900	1880	19.65	21.00	1.365	0.16	2.580	3.521
	LTE Band 2_Ant1	20M	QPSK	1	49	Left Side	0mm	Full	19100	1900	22.77	24.00	1.327	-0.11	2.080	2.761
	LTE Band 2_Ant1	20M	QPSK	1	49	Left Side	0mm	Full	18700	1860	22.66	24.00	1.361	0.09	2.080	2.832
	LTE Band 2_Ant1	20M	QPSK	1	49	Left Side	0mm	Full	18900	1880	22.73	24.00	1.340	-0.07	2.100	2.813
	LTE Band 2_Ant1	20M	QPSK	1	49	Bottom Side	0mm	Reduced	19100	1900	19.68	21.00	1.355	0.15	2.310	3.130
	LTE Band 2_Ant1	20M	QPSK	1	49	Bottom Side	0mm	Reduced	18700	1860	19.58	21.00	1.387	0.08	2.200	3.051
	LTE Band 2_Ant1	20M	QPSK	1	49	Bottom Side	0mm	Reduced	18900	1880	19.65	21.00	1.365	0.02	2.270	3.098
	LTE Band 2_Ant1	20M	QPSK	1	49	Front	8mm	Full	18700	1860	22.66	24.00	1.361	0.08	0.677	0.922
	LTE Band 2_Ant1	20M	QPSK	1	49	Back	14mm	Full	18700	1860	22.66	24.00	1.361	-0.13	0.467	0.636
	LTE Band 2_Ant1	20M	QPSK	1	49	Bottom Side	14mm	Full	19100	1900	22.77	24.00	1.327	-0.06	0.647	0.859
	LTE Band 2_Ant1	20M	QPSK	50	0	Front	0mm	Reduced	19100	1900	18.71	20.00	1.346	0.06	1.260	1.696
	LTE Band 2_Ant1	20M	QPSK	50	0	Back	0mm	Reduced	19100	1900	18.71	20.00	1.346	0.02	2.010	2.705
	LTE Band 2_Ant1	20M	QPSK	50	0	Back	0mm	Reduced	18700	1860	18.54	20.00	1.400	0.11	2.030	2.841
	LTE Band 2_Ant1	20M	QPSK	50	0	Back	0mm	Reduced	18900	1880	18.63	20.00	1.371	0.18	2.040	2.797
	LTE Band 2_Ant1	20M	QPSK	50	0	Left Side	0mm	Full	19100	1900	21.74	23.00	1.337	0.06	1.670	2.232
	LTE Band 2_Ant1	20M	QPSK	50	0	Left Side	0mm	Full	18700	1860	21.62	23.00	1.374	0.15	1.640	2.253
	LTE Band 2_Ant1	20M	QPSK	50	0	Left Side	0mm	Full	18900	1880	21.66	23.00	1.361	0.03	1.710	2.328
	LTE Band 2_Ant1	20M	QPSK	50	0	Bottom Side	0mm	Reduced	19100	1900	18.71	20.00	1.346	0.16	1.780	2.396
	LTE Band 2_Ant1	20M	QPSK	50	0	Bottom Side	0mm	Reduced	18700	1860	18.54	20.00	1.400	0.07	1.720	2.407
	LTE Band 2_Ant1	20M	QPSK	50	0	Bottom Side	0mm	Reduced	18900	1880	18.63	20.00	1.371	-0.14	1.820	2.495
	LTE Band 2_Ant1	20M	QPSK	100	0	Front	0mm	Reduced	19100	1900	18.63	20.00	1.371	-0.05	1.240	1.700
	LTE Band 2_Ant1	20M	QPSK	100	0	Back	0mm	Reduced	19100	1900	18.63	20.00	1.371	0.16	1.980	2.714
	LTE Band 2_Ant1	20M	QPSK	100	0	Left Side	0mm	Full	19100	1900	21.68	23.00	1.355	0.12	1.660	2.250
	LTE Band 2_Ant1	20M	QPSK	100	0	Bottom Side	0mm	Reduced	19100	1900	18.63	20.00	1.371	0.11	1.800	2.468
	LTE Band 30_Ant2	10M	QPSK	1	25	Front	0mm	Reduced	27710	2310	19.05	20.00	1.245	-0.1	1.410	1.755
	LTE Band 30_Ant2	10M	QPSK	1	25	Back	0mm	Reduced	27710	2310	19.05	20.00	1.245	0.15	2.260	2.813

	LTE Band 30_Ant2	10M	QPSK	1	25	Top Side	0mm	Reduced	27710	2310	19.05	20.00	1.245	0.11	2.360	2.937
	LTE Band 30_Ant2	10M	QPSK	1	25	Front	7mm	Full	27710	2310	20.93	22.00	1.279	0.08	0.466	0.596
	LTE Band 30_Ant2	10M	QPSK	1	25	Back	14mm	Full	27710	2310	20.93	22.00	1.279	-0.12	0.379	0.485
	LTE Band 30_Ant2	10M	QPSK	1	25	Top Side	12mm	Full	27710	2310	20.93	22.00	1.279	0.06	0.602	0.770
	LTE Band 30_Ant2	10M	QPSK	25	0	Front	0mm	Reduced	27710	2310	18.05	19.00	1.245	-0.1	1.140	1.419
	LTE Band 30_Ant2	10M	QPSK	25	0	Back	0mm	Reduced	27710	2310	18.05	19.00	1.245	-0.06	1.850	2.302
	LTE Band 30_Ant2	10M	QPSK	25	0	Top Side	0mm	Reduced	27710	2310	18.05	19.00	1.245	0.03	1.970	2.452
	LTE Band 30_Ant2	10M	QPSK	50	0	Back	0mm	Reduced	27710	2310	18.02	19.00	1.253	0.13	1.860	2.331
	LTE Band 30_Ant2	10M	QPSK	50	0	Top Side	0mm	Reduced	27710	2310	18.02	19.00	1.253	0.05	1.940	2.431
	LTE Band 30_Ant1	10M	QPSK	1	25	Front	0mm	Reduced	27710	2310	19.64	21.00	1.368	0.09	1.640	2.243
62	LTE Band 30_Ant1	10M	QPSK	1	25	Back	0mm	Reduced	27710	2310	19.64	21.00	1.368	0.08	2.600	**3.556**
	LTE Band 30_Ant1	10M	QPSK	1	25	Left Side	0mm	Full	27710	2310	22.57	24.00	1.390	0.19	1.790	2.488
	LTE Band 30_Ant1	10M	QPSK	1	25	Bottom Side	0mm	Reduced	27710	2310	19.64	21.00	1.368	0.11	1.170	1.600
	LTE Band 30_Ant1	10M	QPSK	1	25	Front	8mm	Full	27710	2310	22.57	24.00	1.390	-0.04	0.516	0.717
	LTE Band 30_Ant1	10M	QPSK	1	25	Back	14mm	Full	27710	2310	22.57	24.00	1.390	-0.1	0.295	0.410
	LTE Band 30_Ant1	10M	QPSK	1	25	Bottom Side	14mm	Full	27710	2310	22.57	24.00	1.390	0.09	0.249	0.346
	LTE Band 30_Ant1	10M	QPSK	25	0	Front	0mm	Reduced	27710	2310	18.56	20.00	1.393	0.04	1.290	1.797
	LTE Band 30_Ant1	10M	QPSK	25	0	Back	0mm	Reduced	27710	2310	18.56	20.00	1.393	-0.07	2.000	2.786
	LTE Band 30_Ant1	10M	QPSK	25	0	Left Side	0mm	Full	27710	2310	21.43	23.00	1.435	-0.12	1.390	1.995
	LTE Band 30_Ant1	10M	QPSK	25	0	Bottom Side	0mm	Reduced	27710	2310	18.56	20.00	1.393	-0.06	0.900	1.254
	LTE Band 30_Ant1	10M	QPSK	50	0	Front	0mm	Reduced	27710	2310	18.56	20.00	1.393	0.11	1.250	1.741
	LTE Band 30_Ant1	10M	QPSK	50	0	Back	0mm	Reduced	27710	2310	18.56	20.00	1.393	0.08	2.020	2.814
	LTE Band 30_Ant1	10M	QPSK	50	0	Left Side	0mm	Full	27710	2310	21.42	23.00	1.439	0.05	1.400	2.014

<WLAN2.4G SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
63	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	Full	11	2462	19.70	21.70	1.585	99.31	1.007	0.06	0.826	**1.318**
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	Simultaneous	11	2462	18.10	20.10	1.585	99.31	1.007	0.04	0.618	0.986

<WLAN5G SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN5.3GHz	802.11a 6Mbps	Front	0mm	Ant 4	Full	52	5260	18.60	20.60	1.585	96.82	1.033	0.13	0.338	0.553
	WLAN5.3GHz	802.11a 6Mbps	Back	0mm	Ant 4	Full	52	5260	18.60	20.60	1.585	96.82	1.033	0.16	0.532	0.871
	WLAN5.3GHz	802.11a 6Mbps	Left Side	0mm	Ant 4	Full	52	5260	18.60	20.60	1.585	96.82	1.033	0.11	0.033	0.054
64	WLAN5.3GHz	802.11a 6Mbps	Right Side	0mm	Ant 4	Full	52	5260	18.60	20.60	1.585	96.82	1.033	0.08	0.647	**1.059**
	WLAN5.3GHz	802.11a 6Mbps	Top Side	0mm	Ant 4	Full	52	5260	18.60	20.60	1.585	96.82	1.033	-0.06	0.519	0.850
	WLAN5.5GHz	802.11a 6Mbps	Front	0mm	Ant 4	Full	116	5580	18.50	20.50	1.585	96.82	1.033	-0.02	0.539	0.882
	WLAN5.5GHz	802.11a 6Mbps	Back	0mm	Ant 4	Full	116	5580	18.50	20.50	1.585	96.82	1.033	0.14	0.675	1.105
	WLAN5.5GHz	802.11a 6Mbps	Left Side	0mm	Ant 4	Full	116	5580	18.50	20.50	1.585	96.82	1.033	-0.02	0.060	0.098
65	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 4	Full	116	5580	18.50	20.50	1.585	96.82	1.033	-0.01	0.931	**1.524**
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 4	Full	116	5580	18.50	20.50	1.585	96.82	1.033	-0.04	0.472	0.773
	WLAN5.5GHz	802.11a 6Mbps	Front	0mm	Ant 4	Simultaneous	116	5580	17.93	19.90	1.574	96.82	1.033	-0.02	0.478	0.777
	WLAN5.5GHz	802.11a 6Mbps	Back	0mm	Ant 4	Simultaneous	116	5580	17.93	19.90	1.574	96.82	1.033	0.03	0.607	0.987
	WLAN5.5GHz	802.11a 6Mbps	Left Side	0mm	Ant 4	Simultaneous	116	5580	17.93	19.90	1.574	96.82	1.033	-0.02	0.052	0.085
	WLAN5.5GHz	802.11a 6Mbps	Right Side	0mm	Ant 4	Simultaneous	116	5580	17.93	19.90	1.574	96.82	1.033	0.08	0.797	1.296
	WLAN5.5GHz	802.11a 6Mbps	Top Side	0mm	Ant 4	Simultaneous	116	5580	17.93	19.90	1.574	96.82	1.033	0.15	0.426	0.693
	WLAN5.8GHz	802.11a 6Mbps	Back	0mm	Ant 4	Full	165	5825	18.05	20.00	1.567	96.82	1.033	-0.05	0.785	1.270
66	WLAN5.8GHz	802.11a 6Mbps	Right Side	0mm	Ant 4	Full	165	5825	18.05	20.00	1.567	96.82	1.033	-0.01	1.470	**2.379**
	WLAN5.8GHz	802.11a 6Mbps	Right Side	0mm	Ant 4	Full	157	5785	18.02	20.00	1.578	96.82	1.033	-0.1	1.450	2.363
	WLAN5.8GHz	802.11ac-VHT40 MCS0	Back	0mm	Ant 4	Simultaneous	151	5755	17.15	19.10	1.567	93.97	1.064	0.03	0.568	0.947
	WLAN5.8GHz	802.11ac-VHT40 MCS0	Right Side	0mm	Ant 4	Simultaneous	151	5755	17.15	19.10	1.567	93.97	1.064	0.01	0.968	1.614

15.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Power Reduction	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WCDMA V_Ant1	-	-	-	-	RMC 12.2Kbps	Back	5mm	Reduced	4182	836.4	19.64	21.00	1.368	0.12	1.030	1	1.409
2nd	WCDMA V_Ant1	-	-	-	-	RMC 12.2Kbps	Back	5mm	Reduced	4182	836.4	19.64	21.00	1.368	0.03	1.020	1.010	1.395
1st	WCDMA II_Ant1	-	-	-	-	RMC 12.2Kbps	Back	5mm	Reduced	9262	1852.4	17.95	19.00	1.274	0.04	1.090	1	1.388
2nd	WCDMA II_Ant1	-	-	-	-	RMC 12.2Kbps	Back	5mm	Reduced	9262	1852.4	17.95	19.00	1.274	0.02	1.030	1.058	1.312
1st	LTE Band 14_Ant1	10M	QPSK	1	25	-	Back	5mm	Reduced	23330	793	21.23	22.50	1.340	0.11	1.070	1	1.433
2nd	LTE Band 14_Ant1	10M	QPSK	1	25	-	Back	5mm	Reduced	23330	793	21.23	22.50	1.340	-0.01	1.060	1.009	1.420
1st	WCDMA IV_Ant1	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Reduced	1413	1732.6	17.00	18.50	1.413	0.12	1.020	1	1.441
2nd	WCDMA IV_Ant1	-	-	-	-	RMC 12.2Kbps	Bottom Side	5mm	Reduced	Reduced	1413	1732.6	17.00	18.50	-0.03	0.995	1.025	1.405
1st	LTE Band 30_Ant1	10M	QPSK	1	25	-	Back	5mm	Reduced	27710	2310	18.15	19.50	1.365	0.02	1.020	1	1.392
2nd	LTE Band 30_Ant1	10M	QPSK	1	25	-	Back	5mm	Reduced	27710	2310	18.15	19.50	1.365	-0.02	1.000	1.020	1.365

<10g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Power Reduction	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	GSM850_Ant1	-	-	-	-	GPRS 4 Tx slots	Bottom Side	0mm	Full	128	824.2	28.69	30.00	1.352	-0.09	2.380	1	3.218
2nd	GSM850_Ant1	-	-	-	-	GPRS 4 Tx slots	Bottom Side	0mm	Full	128	824.2	28.69	30.00	1.352	0.05	2.330	1.021	3.150
1st	WCDMA IV_Ant1	-	-	-	-	RMC 12.2Kbps	Back	0mm	Reduced	1513	1752.6	19.03	20.50	1.403	0.15	2.460	1	3.451
2nd	WCDMA IV_Ant1	-	-	-	-	RMC 12.2Kbps	Back	0mm	Reduced	1513	1752.6	19.03	20.50	1.403	0.13	2.420	1.017	3.395
1st	WCDMA II_Ant1	-	-	-	-	RMC 12.2Kbps	Back	0mm	Reduced	9400	1880	19.92	21.00	1.282	0.08	2.780	1	3.565
2nd	WCDMA II_Ant1	-	-	-	-	RMC 12.2Kbps	Back	0mm	Reduced	9400	1880	19.92	21.00	1.282	0.04	2.730	1.018	3.501
1st	LTE Band 30_Ant1	10M	QPSK	1	25	-	Back	0mm	Reduced	27710	2310	19.64	21.00	1.368	0.08	2.600	1	3.556
2nd	LTE Band 30_Ant1	10M	QPSK	1	25	-	Back	0mm	Reduced	27710	2310	19.64	21.00	1.368	0.12	2.600	1	3.556

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg.
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR <1.45W/kg, only one repeated measurement is required.
3. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured SAR*.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

16. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	WWAN + WLAN2.4GHz	Yes	Yes	Yes	Yes
2.	WWAN + WLAN5GHz	Yes	Yes	Yes	Yes
3.	WWAN + Bluetooth	Yes	Yes	Yes	Yes
4.	Bluetooth + WLAN5GHz	Yes	Yes	Yes	Yes
5.	WWAN + Bluetooth + WLAN5GHz	Yes	Yes	Yes	Yes

General Note:

1. This device supports VoIP in GPRS, EGPRS, WCDMA and LTE (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. EUT will choose each GSM, WCDMA and LTE according to the network signal condition; therefore, they will not operate simultaneously at any moment.
3. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
4. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only).
5. WIFI 5.3/5.3GHz has no hotspot function.
6. The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
7. WLAN 2.4GHz and Bluetooth share the same antenna so can't transmit simultaneously.
8. According to the EUT characteristic, WLAN 5GHz and Bluetooth can transmit simultaneously.
9. According to the EUT characteristic, WLAN 5GHz and WLAN 2.4GHz can't transmit simultaneously.
10. For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2 transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously transmission.
11. The maximum SAR summation is calculated based on the same configuration and test position.
12. For Back/Back with headset, always chose higher SAR to do co-located analysis.
13. For Front/Back, always chose higher SAR between 5mm SAR and sensor off distance SAR to do co-located analysis.
14. For Front/Back/Top/Bottom side, always chose higher SAR between 0mm 10g SAR and sensor off distance SAR to do co-located analysis.
15. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
    i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
    ii) SPLSR = (SAR1 + SAR2)^1.5 / (min. separation distance, mm), and the peak separation distance is determined from the square root of [(x1-x2)2 + (y1-y2)2 + (z1-z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
    iii) If SPLSR ≤ 0.04 for 1g SAR and SPLSR≤ 0.10 for 10g SAR, simultaneously transmission SAR measurement is not necessary.
    iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
    v) The SPLSR calculated results please refer to section 16.5.

16.2 Head Exposure Conditions

WWAN Band	Exposure Position	1	3	6	9	1+3 Summed 10g SAR (W/kg)	1+6+9 Summed 10g SAR (W/kg)
		WWAN	2.4GHz WLAN Ant 3	5GHz WLAN Ant 4	Bluetooth Ant 3		
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)		
GSM850_Ant2	Right Cheek	1.137	0.184	0.232	0.087	1.32	1.46
	Right Tilted	0.742	0.157	0.280	0.083	0.90	1.11
	Left Cheek	0.735	0.397	0.393	0.186	1.13	1.31
	Left Tilted	0.622	0.322	0.351	0.147	0.94	1.12
GSM1900_Ant2	Right Cheek	0.954	0.184	0.232	0.087	1.14	1.27
	Right Tilted	1.143	0.157	0.280	0.083	1.30	1.51
	Left Cheek	0.483	0.397	0.393	0.186	0.88	1.06
	Left Tilted	0.555	0.322	0.351	0.147	0.88	1.05
WCDMA V_Ant2	Right Cheek	1.179	0.184	0.232	0.087	1.36	1.50
	Right Tilted	0.876	0.157	0.280	0.083	1.03	1.24
	Left Cheek	0.790	0.397	0.393	0.186	1.19	1.37
	Left Tilted	0.704	0.322	0.351	0.147	1.03	1.20
WCDMA II_Ant2	Right Cheek	1.037	0.184	0.232	0.087	1.22	1.36
	Right Tilted	1.150	0.157	0.280	0.083	1.31	1.51
	Left Cheek	0.579	0.397	0.393	0.186	0.98	1.16
	Left Tilted	0.663	0.322	0.351	0.147	0.99	1.16
LTE Band 12_Ant2	Right Cheek	0.854	0.184	0.232	0.087	1.04	1.17
	Right Tilted	0.647	0.157	0.280	0.083	0.80	1.01
	Left Cheek	0.568	0.397	0.393	0.186	0.97	1.15
	Left Tilted	0.476	0.322	0.351	0.147	0.80	0.97
LTE Band 5_Ant2	Right Cheek	1.091	0.184	0.232	0.087	1.28	1.41
	Right Tilted	0.823	0.157	0.280	0.083	0.98	1.19
	Left Cheek	0.794	0.397	0.393	0.186	1.19	1.37
	Left Tilted	0.725	0.322	0.351	0.147	1.05	1.22
LTE Band 2_Ant2	Right Cheek	0.769	0.184	0.232	0.087	0.95	1.09
	Right Tilted	1.150	0.157	0.280	0.083	1.31	1.51
	Left Cheek	0.456	0.397	0.393	0.186	0.85	1.04
	Left Tilted	0.523	0.322	0.351	0.147	0.85	1.02
LTE Band 30_Ant2	Right Cheek	0.897	0.184	0.232	0.087	1.08	1.22
	Right Tilted	1.103	0.157	0.280	0.083	1.26	1.47
	Left Cheek	0.427	0.397	0.393	0.186	0.82	1.01
	Left Tilted	0.533	0.322	0.351	0.147	0.86	1.03
GSM850_Ant1	Right Cheek	0.718	0.184	0.232	0.087	0.90	1.04
	Right Tilted	0.276	0.157	0.280	0.083	0.43	0.64
	Left Cheek	0.633	0.397	0.393	0.186	1.03	1.21
	Left Tilted	0.272	0.322	0.351	0.147	0.59	0.77
GSM1900_Ant1	Right Cheek	0.635	0.184	0.232	0.087	0.82	0.95
	Right Tilted	0.412	0.157	0.280	0.083	0.57	0.78
	Left Cheek	0.151	0.397	0.393	0.186	0.55	0.73
	Left Tilted	0.439	0.322	0.351	0.147	0.76	0.94
WCDMA V_Ant1	Right Cheek	0.700	0.184	0.232	0.087	0.88	1.02
	Right Tilted	0.277	0.157	0.280	0.083	0.43	0.64
	Left Cheek	0.645	0.397	0.393	0.186	1.04	1.22
	Left Tilted	0.301	0.322	0.351	0.147	0.62	0.80
WCDMA IV_Ant1	Right Cheek	0.430	0.184	0.232	0.087	0.61	0.75
	Right Tilted	0.191	0.157	0.280	0.083	0.35	0.55
	Left Cheek	0.249	0.397	0.393	0.186	0.65	0.83
	Left Tilted	0.226	0.322	0.351	0.147	0.55	0.72
WCDMA II_Ant1	Right Cheek	0.477	0.184	0.232	0.087	0.66	0.80

	Right Tilted	0.281	0.157	0.280	0.083	0.44	0.64
	Left Cheek	0.382	0.397	0.393	0.186	0.78	0.96
	Left Tilted	0.315	0.322	0.351	0.147	0.64	0.81
LTE Band 12_Ant1	Right Cheek	0.539	0.184	0.232	0.087	0.72	0.86
	Right Tilted	0.263	0.157	0.280	0.083	0.42	0.63
	Left Cheek	0.466	0.397	0.393	0.186	0.86	1.05
	Left Tilted	0.255	0.322	0.351	0.147	0.58	0.75
LTE Band 13_Ant1	Right Cheek	0.454	0.184	0.232	0.087	0.64	0.77
	Right Tilted	0.271	0.157	0.280	0.083	0.43	0.63
	Left Cheek	0.405	0.397	0.393	0.186	0.80	0.98
	Left Tilted	0.253	0.322	0.351	0.147	0.58	0.75
LTE Band 14_Ant1	Right Cheek	0.453	0.184	0.232	0.087	0.64	0.77
	Right Tilted	0.262	0.157	0.280	0.083	0.42	0.63
	Left Cheek	0.386	0.397	0.393	0.186	0.78	0.97
	Left Tilted	0.256	0.322	0.351	0.147	0.58	0.75
LTE Band 5_Ant1	Right Cheek	0.680	0.184	0.232	0.087	0.86	1.00
	Right Tilted	0.243	0.157	0.280	0.083	0.40	0.61
	Left Cheek	0.475	0.397	0.393	0.186	0.87	1.05
	Left Tilted	0.236	0.322	0.351	0.147	0.56	0.73
LTE Band 66_Ant1	Right Cheek	0.475	0.184	0.232	0.087	0.66	0.79
	Right Tilted	0.287	0.157	0.280	0.083	0.44	0.65
	Left Cheek	0.333	0.397	0.393	0.186	0.73	0.91
	Left Tilted	0.294	0.322	0.351	0.147	0.62	0.79
LTE Band 2_Ant1	Right Cheek	0.515	0.184	0.232	0.087	0.70	0.83
	Right Tilted	0.377	0.157	0.280	0.083	0.53	0.74
	Left Cheek	0.435	0.397	0.393	0.186	0.83	1.01
	Left Tilted	0.349	0.322	0.351	0.147	0.67	0.85
LTE Band 30_Ant1	Right Cheek	0.466	0.184	0.232	0.087	0.65	0.79
	Right Tilted	0.378	0.157	0.280	0.083	0.54	0.74
	Left Cheek	0.581	0.397	0.393	0.186	0.98	1.16
	Left Tilted	0.516	0.322	0.351	0.147	0.84	1.01

16.3 Hotspot Exposure Conditions

WWAN Band	Exposure Position	1 WWAN 1g SAR (W/kg)	3 2.4GHz WLAN Ant 3 1g SAR (W/kg)	6 5GHz WLAN Ant 4 1g SAR (W/kg)	9 Bluetooth Ant 3 1g SAR (W/kg)	1+3 Summed 10g SAR (W/kg)	1+6+9 Summed 10g SAR (W/kg)	Case No
GSM850_Ant2	Front	0.694	0.225	0.112	0.064	0.92	0.87	
	Back	1.164	0.388	0.213	0.159	1.55	1.54	
	Left side	0.312	0.075	0.161	0.004	0.39	0.48	
	Right side	0.299	0.204	0.413	0.036	0.50	0.75	
	Top side	0.958	0.310	0.354	0.119	1.27	1.43	
	Bottom side					0.00	0.00	
GSM1900_Ant2	Front	0.566	0.225	0.112	0.064	0.79	0.74	
	Back	1.206	0.388	0.213	0.159	**1.59**	**1.58**	
	Left side	0.135	0.075	0.161	0.004	0.21	0.30	
	Right side	0.085	0.204	0.413	0.036	0.29	0.53	
	Top side	1.130	0.310	0.354	0.119	1.44	**1.60**	**Case1**
	Bottom side					0.00	0.00	
WCDMA V_Ant2	Front	0.625	0.225	0.112	0.064	0.85	0.80	
	Back	1.172	0.388	0.213	0.159	1.56	1.54	
	Left side	0.274	0.075	0.161	0.004	0.35	0.44	
	Right side	0.226	0.204	0.413	0.036	0.43	0.68	
	Top side	0.971	0.310	0.354	0.119	1.28	1.44	
	Bottom side					0.00	0.00	
WCDMA II_Ant2	Front	0.605	0.225	0.112	0.064	0.83	0.78	
	Back	1.160	0.388	0.213	0.159	1.55	1.53	
	Left side	0.146	0.075	0.161	0.004	0.22	0.31	
	Right side	0.084	0.204	0.413	0.036	0.29	0.53	
	Top side	1.100	0.310	0.354	0.119	1.41	1.57	
	Bottom side					0.00	0.00	
LTE Band 12_Ant2	Front	0.300	0.225	0.112	0.064	0.53	0.48	
	Back	0.716	0.388	0.213	0.159	1.10	1.09	
	Left side	0.373	0.075	0.161	0.004	0.45	0.54	
	Right side	0.218	0.204	0.413	0.036	0.42	0.67	
	Top side	0.518	0.310	0.354	0.119	0.83	0.99	
	Bottom side					0.00	0.00	
LTE Band 5_Ant2	Front	0.831	0.225	0.112	0.064	1.06	1.01	
	Back	1.114	0.388	0.213	0.159	1.50	1.49	
	Left side	0.351	0.075	0.161	0.004	0.43	0.52	
	Right side	0.315	0.204	0.413	0.036	0.52	0.76	
	Top side	0.954	0.310	0.354	0.119	1.26	1.43	
	Bottom side					0.00	0.00	
LTE Band 2_Ant2	Front	0.491	0.225	0.112	0.064	0.72	0.67	
	Back	1.128	0.388	0.213	0.159	1.52	1.50	
	Left side	0.133	0.075	0.161	0.004	0.21	0.30	
	Right side	0.078	0.204	0.413	0.036	0.28	0.53	
	Top side	1.134	0.310	0.354	0.119	1.44	**1.61**	**Case2**
	Bottom side					0.00	0.00	
LTE Band 30_Ant2	Front	0.500	0.225	0.112	0.064	0.73	0.68	
	Back	1.089	0.388	0.213	0.159	1.48	1.46	
	Left side	0.158	0.075	0.161	0.004	0.23	0.32	
	Right side	0.050	0.204	0.413	0.036	0.25	0.50	
	Top side	1.134	0.310	0.354	0.119	1.44	**1.61**	**Case3**
	Bottom side					0.00	0.00	
GSM850_Ant1	Front	0.655	0.225	0.112	0.064	0.88	0.83	

	Back	1.288	0.388	0.213	0.159	**1.68**	**1.66**	**Case4/5**
	Left side	0.246	0.075	0.161	0.004	0.32	0.41	
	Right side	0.380	0.204	0.413	0.036	0.58	0.83	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.127				1.13	1.13	
GSM1900_Ant1	Front	1.014	0.225	0.112	0.064	1.24	1.19	
	Back	1.416	0.388	0.213	0.159	**1.80**	**1.79**	**Case6/7**
	Left side	0.486	0.075	0.161	0.004	0.56	0.65	
	Right side	0.230	0.204	0.413	0.036	0.43	0.68	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.400				1.40	1.40	
WCDMA V_Ant1	Front	0.735	0.225	0.112	0.064	0.96	0.91	
	Back	1.409	0.388	0.213	0.159	**1.80**	**1.78**	**Case8/9**
	Left side	0.255	0.075	0.161	0.004	0.33	0.42	
	Right side	0.600	0.204	0.413	0.036	0.80	1.05	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.219				1.22	1.22	
WCDMA IV_Ant1	Front	0.665	0.225	0.112	0.064	0.89	0.84	
	Back	1.340	0.388	0.213	0.159	**1.73**	**1.71**	**Case10/11**
	Left side	0.388	0.075	0.161	0.004	0.46	0.55	
	Right side	0.207	0.204	0.413	0.036	0.41	0.66	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.441				1.44	1.44	
WCDMA II_Ant1	Front	0.904	0.225	0.112	0.064	1.13	1.08	
	Back	1.388	0.388	0.213	0.159	**1.78**	**1.76**	**Case12/13**
	Left side	0.473	0.075	0.161	0.004	0.55	0.64	
	Right side	0.176	0.204	0.413	0.036	0.38	0.63	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.381				1.38	1.38	
LTE Band 12_Ant1	Front	0.703	0.225	0.112	0.064	0.93	0.88	
	Back	1.212	0.388	0.213	0.159	**1.60**	1.58	**Case14**
	Left side	0.603	0.075	0.161	0.004	0.68	0.77	
	Right side	1.250	0.204	0.413	0.036	1.45	**1.70**	**Case15**
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	0.962				0.96	0.96	
LTE Band 13_Ant1	Front	0.760	0.225	0.112	0.064	0.99	0.94	
	Back	1.397	0.388	0.213	0.159	**1.79**	**1.77**	**Case16/17**
	Left side	0.455	0.075	0.161	0.004	0.53	0.62	
	Right side	0.875	0.204	0.413	0.036	1.08	1.32	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.090				1.09	1.09	
LTE Band 14_Ant1	Front	0.731	0.225	0.112	0.064	0.96	0.91	
	Back	1.433	0.388	0.213	0.159	**1.82**	**1.81**	**Case18/19**
	Left side	0.350	0.075	0.161	0.004	0.43	0.52	
	Right side	0.777	0.204	0.413	0.036	0.98	1.23	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.135				1.14	1.14	
LTE Band 5_Ant1	Front	0.760	0.225	0.112	0.064	0.99	0.94	
	Back	1.401	0.388	0.213	0.159	**1.79**	**1.77**	**Case20/21**
	Left side	0.326	0.075	0.161	0.004	0.40	0.49	
	Right side	0.562	0.204	0.413	0.036	0.77	1.01	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.182				1.18	1.18	
LTE Band 66_Ant1	Front	0.760	0.225	0.112	0.064	0.99	0.94	
	Back	1.415	0.388	0.213	0.159	**1.80**	**1.79**	**Case22/23**
	Left side	0.388	0.075	0.161	0.004	0.46	0.55	

	Right side	0.178	0.204	0.413	0.036	0.38	0.63	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.357				1.36	1.36	
LTE Band 2_Ant1	Front	0.893	0.225	0.112	0.064	1.12	1.07	
	Back	1.430	0.388	0.213	0.159	**1.82**	**1.80**	**Case24/25**
	Left side	0.454	0.075	0.161	0.004	0.53	0.62	
	Right side	0.191	0.204	0.413	0.036	0.40	0.64	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.381				1.38	1.38	
LTE Band 30_Ant1	Front	1.122	0.225	0.112	0.064	1.35	1.30	
	Back	1.392	0.388	0.213	0.159	**1.78**	**1.76**	**Case26/27**
	Left side	0.734	0.075	0.161	0.004	0.81	0.90	
	Right side	0.202	0.204	0.413	0.036	0.41	0.65	
	Top side		0.310	0.354	0.119	0.31	0.47	
	Bottom side	1.007				1.01	1.01	

16.4 Body-Worn Accessory Exposure Conditions

WWAN Band	Exposure Position	1 WWAN 1g SAR (W/kg)	3 2.4GHz WLAN Ant 3 1g SAR (W/kg)	6 5GHz WLAN Ant 4 1g SAR (W/kg)	9 Bluetooth Ant 3 1g SAR (W/kg)	1+3 Summed 10g SAR (W/kg)	1+6+9 Summed 10g SAR (W/kg)	Case No
GSM850_Ant2	Front	0.694	0.225	0.234	0.064	0.92	0.99	
	Back	1.164	0.388	0.552	0.159	1.55	**1.88**	**Case28**
GSM1900_Ant2	Front	0.566	0.225	0.234	0.064	0.79	0.86	
	Back	1.206	0.388	0.552	0.159	1.59	**1.92**	**Case29**
WCDMA V_Ant2	Front	0.625	0.225	0.234	0.064	0.85	0.92	
	Back	1.172	0.388	0.552	0.159	1.56	**1.88**	**Case30**
WCDMA II_Ant2	Front	0.605	0.225	0.234	0.064	0.83	0.90	
	Back	1.160	0.388	0.552	0.159	1.55	**1.87**	**Case31**
LTE Band 12_Ant2	Front	0.300	0.225	0.234	0.064	0.53	0.60	
	Back	0.716	0.388	0.552	0.159	1.10	1.43	
LTE Band 5_Ant2	Front	0.831	0.225	0.234	0.064	1.06	1.13	
	Back	1.114	0.388	0.552	0.159	1.50	**1.83**	**Case32**
LTE Band 2_Ant2	Front	0.491	0.225	0.234	0.064	0.72	0.79	
	Back	1.128	0.388	0.552	0.159	1.52	**1.84**	**Case33**
LTE Band 30_Ant2	Front	0.500	0.225	0.234	0.064	0.73	0.80	
	Back	1.089	0.388	0.552	0.159	1.48	**1.80**	**Case34**
GSM850_Ant1	Front	0.655	0.225	0.234	0.064	0.88	0.95	
	Back	1.288	0.388	0.552	0.159	**1.68**	**2.00**	**Case4/35**
GSM1900_Ant1	Front	1.014	0.225	0.234	0.064	1.24	1.31	
	Back	1.416	0.388	0.552	0.159	**1.80**	**2.13**	**Case6/36**
WCDMA V_Ant1	Front	0.735	0.225	0.234	0.064	0.96	1.03	
	Back	1.409	0.388	0.552	0.159	**1.80**	**2.12**	**Case8/37**
WCDMA IV_Ant1	Front	0.665	0.225	0.234	0.064	0.89	0.96	
	Back	1.340	0.388	0.552	0.159	**1.73**	**2.05**	**Case10/38**
WCDMA II_Ant1	Front	0.904	0.225	0.234	0.064	1.13	1.20	
	Back	1.388	0.388	0.552	0.159	**1.78**	**2.10**	**Case12/39**
LTE Band 12_Ant1	Front	0.703	0.225	0.234	0.064	0.93	1.00	
	Back	1.243	0.388	0.552	0.159	**1.63**	**1.95**	**Case14/40**
LTE Band 13_Ant1	Front	0.760	0.225	0.234	0.064	0.99	1.06	
	Back	1.397	0.388	0.552	0.159	**1.79**	**2.11**	**Case16/41**
LTE Band 14_Ant1	Front	0.731	0.225	0.234	0.064	0.96	1.03	
	Back	1.433	0.388	0.552	0.159	**1.82**	**2.14**	**Case18/42**
LTE Band 5_Ant1	Front	0.760	0.225	0.234	0.064	0.99	1.06	
	Back	1.401	0.388	0.552	0.159	**1.79**	**2.11**	**Case20/43**
LTE Band 66_Ant1	Front	0.760	0.225	0.234	0.064	0.99	1.06	
	Back	1.415	0.388	0.552	0.159	**1.80**	**2.13**	**Case22/44**
LTE Band 2_Ant1	Front	0.893	0.225	0.234	0.064	1.12	1.19	
	Back	1.430	0.388	0.552	0.159	**1.82**	**2.14**	**Case24/45**
LTE Band 30_Ant1	Front	1.122	0.225	0.234	0.064	1.35	1.42	
	Back	1.392	0.388	0.552	0.159	**1.78**	**2.10**	**Case26/46**

16.5 Product Specific Exposure Conditions

Remark:
1. For Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is <1.2W/kg.

WWAN Band	Exposure Position	1	3	6	1+3 Summed 10g SAR (W/kg)	1+6 Summed 10g SAR (W/kg)	Case No
		WWAN	2.4GHz WLAN Ant 3	5GHz WLAN Ant 4			
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)			
GSM850_Ant2	Front			0.777	0.00	0.78	
	Back	2.762	0.986	0.987	3.75	3.75	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side	1.596		0.850	1.60	2.45	
	Bottom side				0.00	0.00	
GSM1900_Ant2	Front	1.030		0.777	1.03	1.81	
	Back	3.000	0.986	0.987	**3.99**	**3.99**	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side	2.755		0.850	2.76	3.61	
	Bottom side				0.00	0.00	
WCDMA V_Ant2	Front			0.777	0.00	0.78	
	Back	2.588	0.986	0.987	3.57	3.58	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side	1.064		0.850	1.06	1.91	
	Bottom side				0.00	0.00	
WCDMA II_Ant2	Front	1.243		0.777	1.24	2.02	
	Back	2.960	0.986	0.987	3.95	3.95	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side	2.753		0.850	2.75	3.60	
	Bottom side				0.00	0.00	
LTE Band 5_Ant2	Front	1.646		0.777	1.65	2.42	
	Back	1.938	0.986	0.987	2.92	2.93	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side	1.313		0.850	1.31	2.16	
	Bottom side				0.00	0.00	
LTE Band 2_Ant2	Front	0.883		0.777	0.88	1.66	
	Back	2.957	0.986	0.987	3.94	3.94	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side	2.749		0.850	2.75	3.60	
	Bottom side				0.00	0.00	
LTE Band 30_Ant2	Front	1.755		0.777	1.76	2.53	
	Back	2.813	0.986	0.987	3.80	3.80	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side	2.937		0.850	2.94	3.79	
	Bottom side				0.00	0.00	
GSM850_Ant1	Front	2.542		0.777	2.54	3.32	
	Back	2.705	0.986	0.987	3.69	3.69	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	

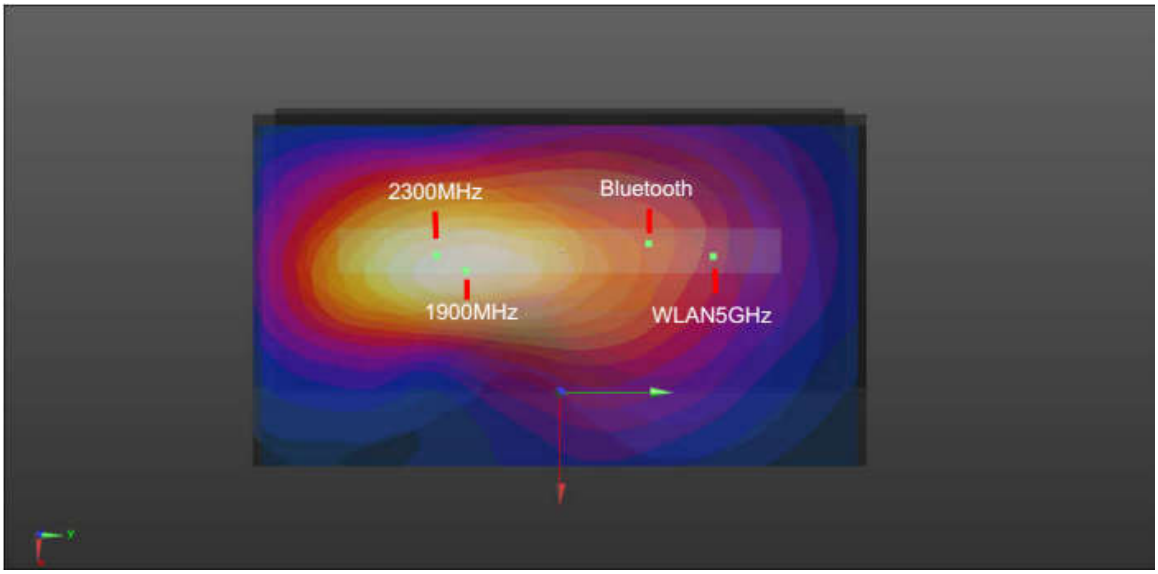
	Bottom side	3.218			3.22	3.22	
GSM1900_Ant1	Front	1.996		0.777	2.00	2.77	
	Back	3.318	0.986	0.987	**4.30**	**4.31**	**Case47/48**
	Left side	3.458		0.085	3.46	3.54	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	
	Bottom side	3.076			3.08	3.08	
WCDMA V_Ant1	Front	1.633		0.777	1.63	2.41	
	Back	1.659	0.986	0.987	2.65	2.65	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	
	Bottom side	2.513			2.51	2.51	
WCDMA IV_Ant1	Front	1.922		0.777	1.92	2.70	
	Back	3.451	0.986	0.987	**4.44**	**4.44**	**Case49/50**
	Left side	2.128		0.085	2.13	2.21	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	
	Bottom side	2.863			2.86	2.86	
WCDMA II_Ant1	Front	2.347		0.777	2.35	3.12	
	Back	3.565	0.986	0.987	**4.55**	**4.55**	**Case51/52**
	Left side	2.910		0.085	2.91	3.00	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	
	Bottom side	3.141			3.14	3.14	
LTE Band 12_Ant1	Front			0.777	0.00	0.78	
	Back	1.685	0.986	0.987	2.67	2.67	
	Left side			0.085	0.00	0.09	
	Right side	0.910		1.614	0.91	2.52	
	Top side			0.850	0.00	0.85	
	Bottom side				0.00	0.00	
LTE Band 13_Ant1	Front			0.777	0.00	0.78	
	Back	2.223	0.986	0.987	3.21	3.21	
	Left side			0.085	0.00	0.09	
	Right side	0.850		1.614	0.85	2.46	
	Top side			0.850	0.00	0.85	
	Bottom side	2.446			2.45	2.45	
LTE Band 14_Ant1	Front			0.777	0.00	0.78	
	Back	2.307	0.986	0.987	3.29	3.29	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	
	Bottom side	2.550			2.55	2.55	
LTE Band 5_Ant1	Front	2.122		0.777	2.12	2.90	
	Back	2.318	0.986	0.987	3.30	3.31	
	Left side			0.085	0.00	0.09	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	
	Bottom side	2.793			2.79	2.79	
LTE Band 66_Ant1	Front	1.969		0.777	1.97	2.75	
	Back	3.312	0.986	0.987	**4.30**	**4.30**	**Case53/54**
	Left side	2.345		0.085	2.35	2.43	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	
	Bottom side	2.670			2.67	2.67	
LTE Band 2_Ant1	Front	2.233		0.777	2.23	3.01	

	Back	3.550	0.986	0.987	**4.54**	**4.54**	**Case55/56**
	Left side	2.832		0.085	2.83	2.92	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	
	Bottom side	3.130			3.13	3.13	
LTE Band 30_Ant1	Front	2.243		0.777	2.24	3.02	
	Back	3.556	0.986	0.987	**4.54**	**4.54**	**Case57/58**
	Left side	2.488		0.085	2.49	2.57	
	Right side			1.614	0.00	1.61	
	Top side			0.850	0.00	0.85	
	Bottom side	1.600			1.60	1.60	

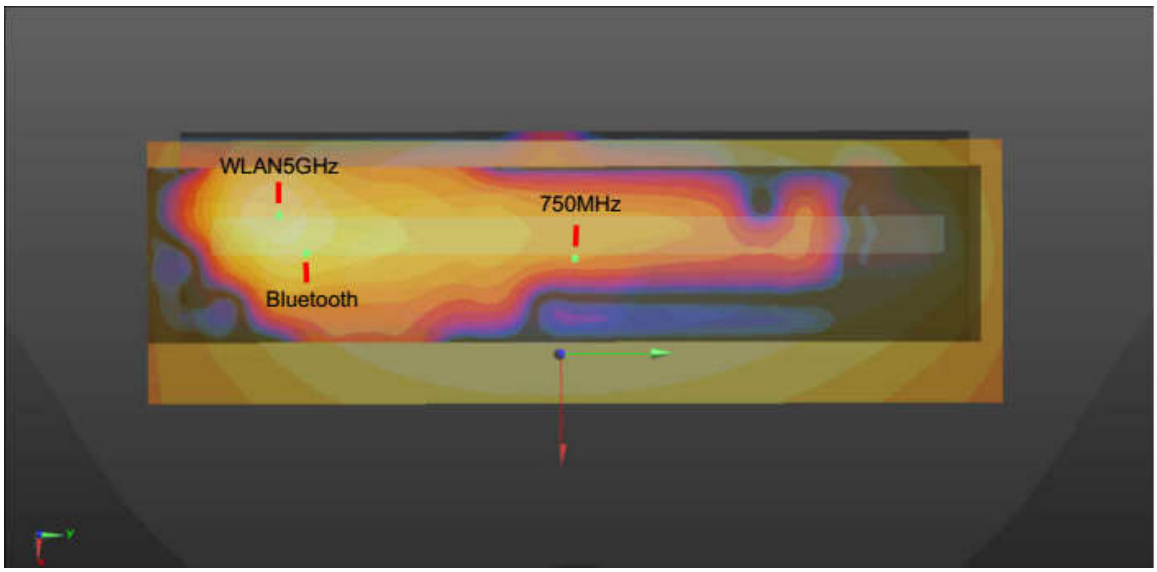
16.6 SPLSR Evaluation and Analysis

General Note:

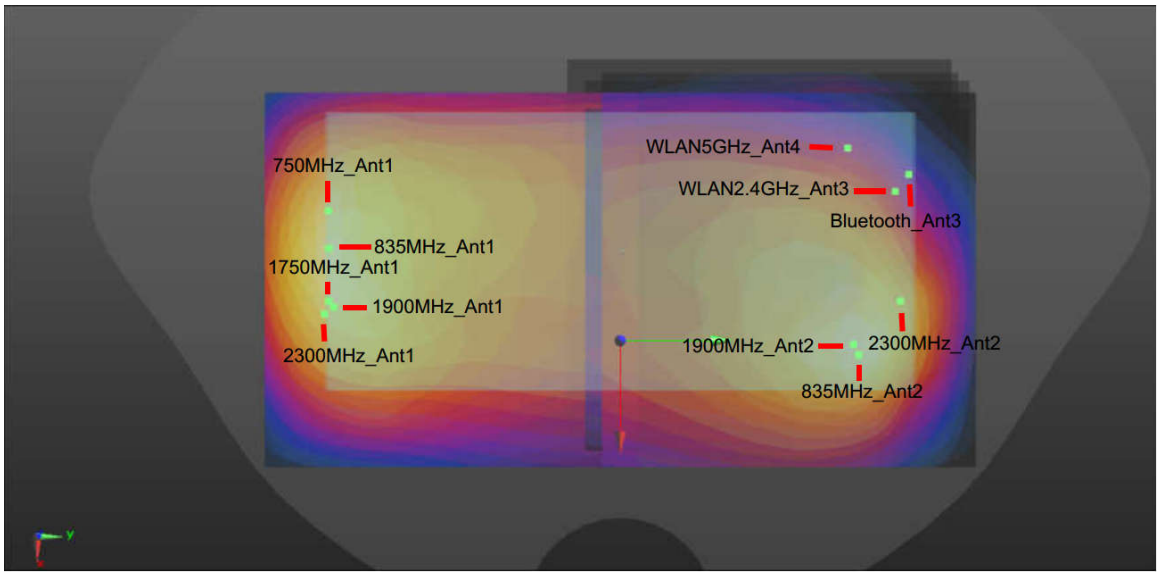
1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of [(x1−x2)2 + (y1−y2)2 + (z1−z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. SPLSR = (SAR1 + SAR2)1.5 / (min. separation distance, mm). If SPLSR ≤ 0.04 for 1g SAR and SPLSR ≤ 0.10 for 10g SAR, simultaneously transmission SAR measurement is not necessary.



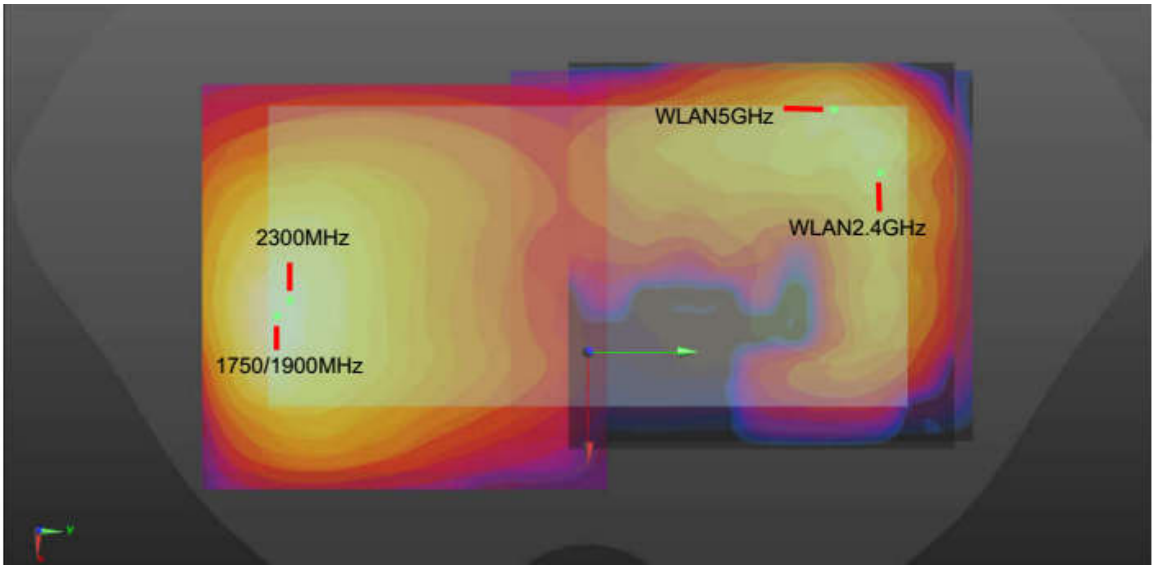
WWAN+WLAN5GHz+Bluetooth_Top Side 5mm



WWAN+WLAN5GHz+Bluetooth_Right Side 5mm



WWAN+WLAN2.4GHz/ WWAN+WLAN5GHz+Bluetooth_Back 5mm



WWAN+WLAN2.4GHz/WWAN+WLAN5GHz_Back 0mm

Ant2_Hotspot											
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 1	GSM1900_Ant2	Top Side	1.130	5mm	-0.0215	-0.0165	-0.206	44.6	1.48	0.04	Not required
	WLAN5GHz		0.354	5mm	-0.025	0.028	-0.207				
	GSM1900_Ant2	Top Side	1.130	5mm	-0.0215	-0.0165	-0.206	32.7	1.25	0.04	Not required
	Bluetooth		0.119	5mm	-0.0262	0.0156	-0.21				
	WLAN5GHz	Top Side	0.354	5mm	-0.025	0.028	-0.207	12.8	0.47	0.03	Not required
	Bluetooth		0.119	5mm	-0.0262	0.0156	-0.21				
Case 2	LTE Band 2_Ant2	Top Side	1.134	5mm	-0.0215	-0.015	-0.206	43.2	1.49	0.04	Not required
	WLAN5GHz		0.354	5mm	-0.025	0.028	-0.207				
	LTE Band 2_Ant2	Top Side	1.134	5mm	-0.0215	-0.015	-0.206	31.2	1.25	0.04	Not required
	Bluetooth		0.119	5mm	-0.0262	0.0156	-0.21				
	WLAN5GHz	Top Side	0.354	5mm	-0.025	0.028	-0.207	12.8	0.47	0.03	Not required
	Bluetooth		0.119	5mm	-0.0262	0.0156	-0.21				
Case 3	LTE Band 30_Ant2	Top Side	1.134	5mm	-0.0242	-0.0216	-0.206	49.6	1.49	0.04	Not required
	WLAN5GHz		0.354	5mm	-0.025	0.028	-0.207				
	LTE Band 30_Ant2	Top Side	1.134	5mm	-0.0242	-0.0216	-0.206	37.5	1.25	0.04	Not required
	Bluetooth		0.119	5mm	-0.0262	0.0156	-0.21				
	WLAN5GHz	Top Side	0.354	5mm	-0.025	0.028	-0.207	12.8	0.47	0.03	Not required
	Bluetooth		0.119	5mm	-0.0262	0.0156	-0.21				
Ant1_Hotspot											
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 4	GSM850_Ant1	Back	1.288	5mm	-0.026	-0.082	-0.208	164.5	1.68	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				
Case 5	GSM850_Ant1	Back	1.288	5mm	-0.026	-0.082	-0.208	156.3	1.50	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	GSM850_Ant1	Back	1.288	5mm	-0.026	-0.082	-0.208	160.2	1.45	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
Case 6	GSM1900_Ant1	Back	1.416	5mm	-0.0095	-0.0805	-0.206	165.9	1.80	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 7	GSM1900_Ant1	Back	1.416	5mm	-0.0095	-0.0805	-0.206	159.1	1.63	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	GSM1900_Ant1	Back	1.416	5mm	-0.0095	-0.0805	-0.206	161.2	1.58	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 8	WCDMA V_Ant1	Back	1.409	5mm	-0.042	-0.082	-0.208	163.3	1.80	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 9	WCDMA V_Ant1	Back	1.409	5mm	-0.042	-0.082	-0.208	153.8	1.62	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	WCDMA V_Ant1	Back	1.409	5mm	-0.042	-0.082	-0.208	159.4	1.57	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 10	WCDMA IV_Ant1	Back	1.340	5mm	-0.011	-0.082	-0.206	167.1	1.73	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 11	WCDMA IV_Ant1	Back	1.340	5mm	-0.011	-0.082	-0.206	160.1	1.55	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	WCDMA IV_Ant1	Back	1.340	5mm	-0.011	-0.082	-0.206	162.4	1.50	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 12	WCDMA II_Ant1	Back	1.388	5mm	-0.0095	-0.0805	-0.206	165.9	1.78	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 13	WCDMA II_Ant1	Back	1.388	5mm	-0.0095	-0.0805	-0.206	159.1	1.60	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	WCDMA II_Ant1	Back	1.388	5mm	-0.0095	-0.0805	-0.206	161.2	1.55	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

Case 14	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 12_Ant1	Back	1.243	5mm	-0.0445	-0.082	-0.206	163.3	1.63	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

Case 15	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 12_Ant1	Right Side	1.250	5mm	-0.02	0	-0.207	68.5	1.66	0.03	Not required
	WLAN5GHz		0.413	5mm	-0.028	-0.068	-0.21				
	LTE Band 12_Ant1	Right Side	1.250	5mm	-0.02	0	-0.207	61.3	1.29	0.02	Not required
	Bluetooth		0.036	5mm	-0.0214	-0.0612	-0.21				
	WLAN5GHz	Right Side	0.411	5mm	-0.028	-0.068	-0.21	9.5	0.45	0.03	Not required
	Bluetooth		0.036	5mm	-0.0214	-0.0612	-0.21				

Case 16	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 13_Ant1	Back	1.397	5mm	-0.042	-0.082	-0.206	163.3	1.79	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

Case 17	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 13_Ant1	Back	1.397	5mm	-0.042	-0.082	-0.206	153.9	1.61	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	LTE Band 13_Ant1	Back	1.397	5mm	-0.042	-0.082	-0.206	159.5	1.56	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

Case 18	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 14_Ant1	Back	1.433	5mm	-0.026	-0.082	-0.206	164.5	1.82	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

Case 19	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 14_Ant1	Back	1.433	5mm	-0.026	-0.082	-0.206	156.4	1.65	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	LTE Band 14_Ant1	Back	1.433	5mm	-0.026	-0.082	-0.206	160.2	1.59	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

Case 20 Plot No	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
2212	LTE Band 5_Ant1	Back	1.401	5mm	-0.026	-0.082	-0.206	164.5	1.79	0.01	Not required
1222	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 21	LTE Band 5_Ant1	Back	1.401	5mm	-0.026	-0.082	-0.206	156.4	1.61	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	LTE Band 5_Ant1	Back	1.401	5mm	-0.026	-0.082	-0.206	160.2	1.56	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 22	LTE Band 66_Ant1	Back	1.415	5mm	-0.019	-0.082	-0.206	165.6	1.80	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 23	LTE Band 66_Ant1	Back	1.415	5mm	-0.019	-0.082	-0.206	157.9	1.63	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	LTE Band 66_Ant1	Back	1.415	5mm	-0.019	-0.082	-0.206	161.1	1.57	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 24	LTE Band 2_Ant1	Back	1.430	5mm	-0.0095	-0.0805	-0.206	165.9	1.82	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 25	LTE Band 2_Ant1	Back	1.430	5mm	-0.0095	-0.0805	-0.206	159.1	1.64	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	LTE Band 2_Ant1	Back	1.430	5mm	-0.0095	-0.0805	-0.206	161.2	1.59	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 26	LTE Band 30_Ant1	Back	1.392	5mm	-0.0124	-0.0782	-0.206	163.1	1.78	0.01	Not required
	WLAN2.4GHz		0.388	5mm	-0.0466	0.0812	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 27	LTE Band 30_Ant1	Back	1.392	5mm	-0.0124	-0.0782	-0.206	156.1	1.61	0.01	Not required
	WLAN5GHz		0.213	5mm	-0.058	0.071	-0.21				
	LTE Band 30_Ant1	Back	1.392	5mm	-0.0124	-0.0782	-0.206	158.4	1.55	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.213	5mm	-0.058	0.071	-0.21	17.4	0.37	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

Ant2_Body-worn											
	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 28	GSM850_Ant2	Back	1.164	5mm	0.004	0.067	-0.207	59.3	1.72	0.04	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	GSM850_Ant2	Back	1.164	5mm	0.004	0.067	-0.207	47.1	1.32	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
Case 29	GSM1900_Ant2	Back	1.206	5mm	0.001	0.067	-0.206	56.3	1.76	0.04	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	GSM1900_Ant2	Back	1.206	5mm	0.001	0.067	-0.206	44.2	1.37	0.04	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
Case 30	WCDMA V_Ant2	Back	1.172	5mm	0.0025	0.067	-0.207	57.8	1.72	0.04	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	WCDMA V_Ant2	Back	1.172	5mm	0.0025	0.067	-0.207	45.6	1.33	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
Case 31	WCDMA II_Ant2	Back	1.160	5mm	0.001	0.0655	-0.206	56.2	1.71	0.04	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	WCDMA II_Ant2	Back	1.160	5mm	0.001	0.0655	-0.206	44.6	1.32	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
Case 32	LTE Band 5_Ant2	Back	1.114	5mm	0.004	0.07	-0.207	59.7	1.67	0.04	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 5_Ant2	Back	1.114	5mm	0.004	0.07	-0.207	46.5	1.27	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
Case 33	LTE Band 2_Ant2	Back	1.128	5mm	0.0025	0.067	-0.206	57.8	1.68	0.04	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 2_Ant2	Back	1.128	5mm	0.0025	0.067	-0.206	45.7	1.29	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 34	LTE Band 30_Ant2	Back	1.089	5mm	-0.011	0.0788	-0.206	47.5	1.64	0.04	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 30_Ant2	Back	1.089	5mm	-0.011	0.0788	-0.206	31.1	1.25	0.04	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

Ant1_Body-worn

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 35	GSM850_Ant1	Back	1.288	5mm	-0.026	-0.082	-0.208	145.9	1.84	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	GSM850_Ant1	Back	1.288	5mm	-0.026	-0.082	-0.208	160.2	1.45	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 36	GSM1900_Ant1	Back	1.416	5mm	-0.0095	-0.0805	-0.206	148.6	1.97	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	GSM1900_Ant1	Back	1.416	5mm	-0.0095	-0.0805	-0.206	161.2	1.58	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 37	WCDMA V_Ant1	Back	1.409	5mm	-0.042	-0.082	-0.208	143.6	1.96	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	WCDMA V_Ant1	Back	1.409	5mm	-0.042	-0.082	-0.208	159.4	1.57	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 38	WCDMA IV_Ant1	Back	1.340	5mm	-0.011	-0.082	-0.206	149.6	1.89	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	WCDMA IV_Ant1	Back	1.340	5mm	-0.011	-0.082	-0.206	162.4	1.50	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 39	WCDMA II_Ant1	Back	1.388	5mm	-0.0095	-0.0805	-0.206	148.6	1.94	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	WCDMA II_Ant1	Back	1.388	5mm	-0.0095	-0.0805	-0.206	161.2	1.55	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 40	LTE Band 12_Ant1	Back	1.243	5mm	-0.0445	-0.082	-0.206	143.4	1.80	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 12_Ant1	Back	1.243	5mm	-0.0445	-0.082	-0.206	159.5	1.40	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 41	LTE Band 13_Ant1	Back	1.397	5mm	-0.042	-0.082	-0.206	143.6	1.95	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 13_Ant1	Back	1.397	5mm	-0.042	-0.082	-0.206	159.5	1.56	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 42	LTE Band 14_Ant1	Back	1.433	5mm	-0.026	-0.082	-0.206	145.9	1.99	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 14_Ant1	Back	1.433	5mm	-0.026	-0.082	-0.206	160.2	1.59	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 43	LTE Band 5_Ant1	Back	1.401	5mm	-0.026	-0.082	-0.206	145.9	1.95	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 5_Ant1	Back	1.401	5mm	-0.026	-0.082	-0.206	160.2	1.56	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 44	LTE Band 66_Ant1	Back	1.415	5mm	-0.019	-0.082	-0.206	147.5	1.97	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 66_Ant1	Back	1.415	5mm	-0.019	-0.082	-0.206	161.1	1.57	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 45	LTE Band 2_Ant1	Back	1.430	5mm	-0.0095	-0.0805	-0.206	148.6	1.98	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 2_Ant1	Back	1.430	5mm	-0.0095	-0.0805	-0.206	161.2	1.59	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 46	LTE Band 30_Ant1	Back	1.392	5mm	-0.0124	-0.0782	-0.206	145.6	1.94	0.02	Not required
	WLAN5GHz		0.552	5mm	-0.055	0.061	-0.207				
	LTE Band 30_Ant1	Back	1.392	5mm	-0.0124	-0.0782	-0.206	158.4	1.55	0.01	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				
	WLAN5GHz	Back	0.552	5mm	-0.055	0.061	-0.207	21.3	0.71	0.03	Not required
	Bluetooth		0.159	5mm	-0.0418	0.0774	-0.21				

Ant1_Extremity SAR

	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
Case 47	GSM1900_Ant1	Back	3.318	0mm	-0.0175	-0.0805	-0.206	164.1	4.30	0.05	Not required
	WLAN2.4GHz		0.986	0mm	-0.0466	0.081	-0.21				
Case 48	GSM1900_Ant1	Back	3.318	0mm	-0.0175	-0.0805	-0.206	151.6	4.31	0.06	Not required
	WLAN5GHz		0.987	0mm	-0.06	0.065	-0.207				
Case 49	WCDMA IV_Ant1	Back	3.451	0mm	-0.0095	-0.0805	-0.206	165.8	4.44	0.06	Not required
	WLAN2.4GHz		0.986	0mm	-0.0466	0.081	-0.21				
Case 50	WCDMA IV_Ant1	Back	3.451	0mm	-0.0095	-0.0805	-0.206	154.0	4.44	0.06	Not required
	WLAN5GHz		0.987	0mm	-0.06	0.065	-0.207				
Case 51	WCDMA II_Ant1	Back	3.565	0mm	-0.0095	-0.0805	-0.206	165.8	4.55	0.06	Not required
	WLAN2.4GHz		0.986	0mm	-0.0466	0.081	-0.21				
Case 52	WCDMA II_Ant1	Back	3.565	0mm	-0.0095	-0.0805	-0.206	154.0	4.55	0.06	Not required
	WLAN5GHz		0.987	0mm	-0.06	0.065	-0.207				
Case 53	LTE Band 66_Ant1	Back	3.312	0mm	-0.008	-0.082	-0.206	167.6	4.30	0.05	Not required
	WLAN2.4GHz		0.986	0mm	-0.0466	0.081	-0.21				
Case 54	LTE Band 66_Ant1	Back	3.312	0mm	-0.008	-0.082	-0.206	155.9	4.30	0.06	Not required
	WLAN5GHz		0.987	0mm	-0.06	0.065	-0.207				

Case	Band	Position	SAR (W/kg)	Gap (mm)	SAR peak location (m) X	Y	Z	3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
55	LTE Band 2_Ant1	Back	3.550	0mm	-0.011	-0.082	-0.206	166.9	4.54	0.06	Not required
	WLAN2.4GHz		0.986	0mm	-0.0466	0.081	-0.21				
56	LTE Band 2_Ant1	Back	3.550	0mm	-0.011	-0.082	-0.206	155.0	4.54	0.06	Not required
	WLAN5GHz		0.987	0mm	-0.06	0.065	-0.207				
57	LTE Band 30_Ant1	Back	3.556	0mm	-0.0134	-0.0772	-0.206	161.7	4.54	0.06	Not required
	WLAN2.4GHz		0.986	0mm	-0.0466	0.081	-0.21				
58	LTE Band 30_Ant1	Back	3.556	0mm	-0.0134	-0.0772	-0.206	149.6	4.54	0.06	Not required
	WLAN5GHz		0.987	0mm	-0.06	0.065	-0.207				

Test Engineer : Hank Huang, Bin He, David Dai

17. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be ≤ 30%, for a confidence interval of k = 2. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

18. References

[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] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013

[4] SPEAG DASY System Handbook

[5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.

[6] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015.

[7] FCC KDB 447498 D01 v06, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Oct 2015

[8] FCC KDB 648474 D04 v01r03, “SAR Evaluation Considerations for Wireless Handsets”, Oct 2015.

[9] FCC KDB 248227 D01 v02r02, “SAR Guidance for IEEE 802.11 (WiFi) Transmitters”, Oct 2015.

[10] FCC KDB 616217 D04 v01r02, “SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers”, Oct 2015

[11] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015

[12] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015

[13] FCC KDB 941225 D05A v01r02, “Rel. 10 LTE SAR Test Guidance and KDB Inquiries”, Oct 2015

[14] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.

------THE END------

Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Head_750MHz

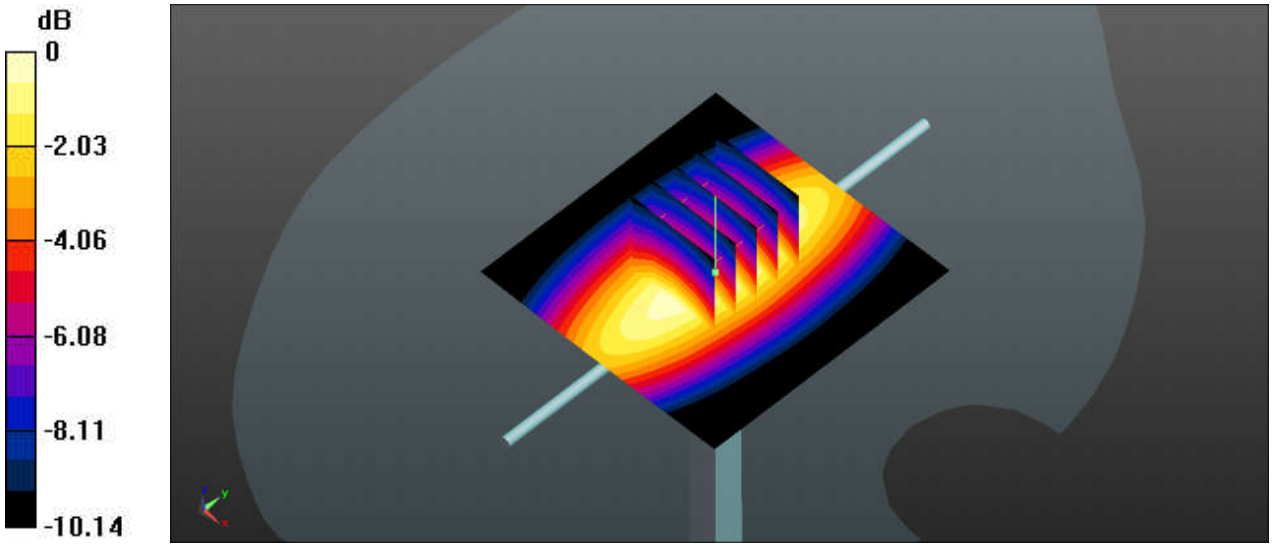
DUT: D750V3-SN:1099

Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium: HSL_750_210830 Medium parameters used: f = 750 MHz; σ = 0.886 S/m; ε_r = 41.532; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3975; ConvF(10.04, 10.04, 10.04); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2021/1/13
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP-1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.87 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 58.83 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.30 W/kg
SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.43 W/kg
Maximum value of SAR (measured) = 2.90 W/kg



0 dB = 2.90 W/kg

System Check_Head_750MHz

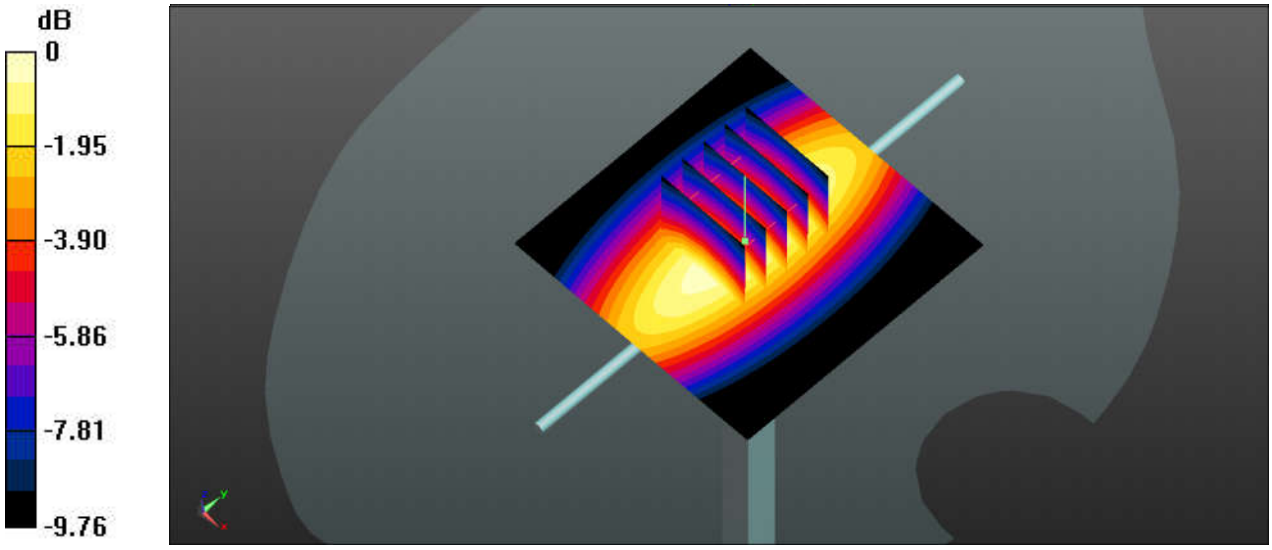
DUT: D750V3-SN:1099

Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium: HSL_750_210902 Medium parameters used: f = 750 MHz; σ = 0.888 S/m; ε_r = 40.879; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3975; ConvF(10.04, 10.04, 10.04); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2021/1/13
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP-1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.72 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 60.85 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.41 W/kg
Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg

System Check_Head_835MHz

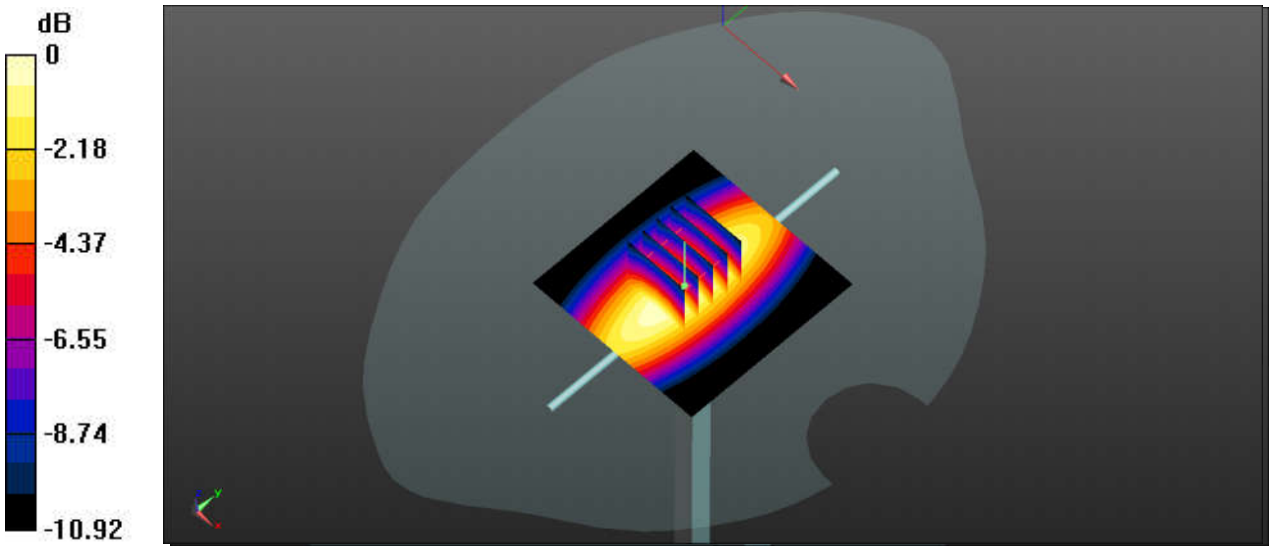
DUT: D835V2-SN:4d162

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_210828 Medium parameters used: f = 835 MHz; σ = 0.904 S/m; ε_r = 41.212; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2021/1/13
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP-1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.46 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 62.88 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.98 W/kg
SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.65 W/kg
Maximum value of SAR (measured) = 3.44 W/kg



0 dB = 3.44 W/kg

System Check_Head_835MHz

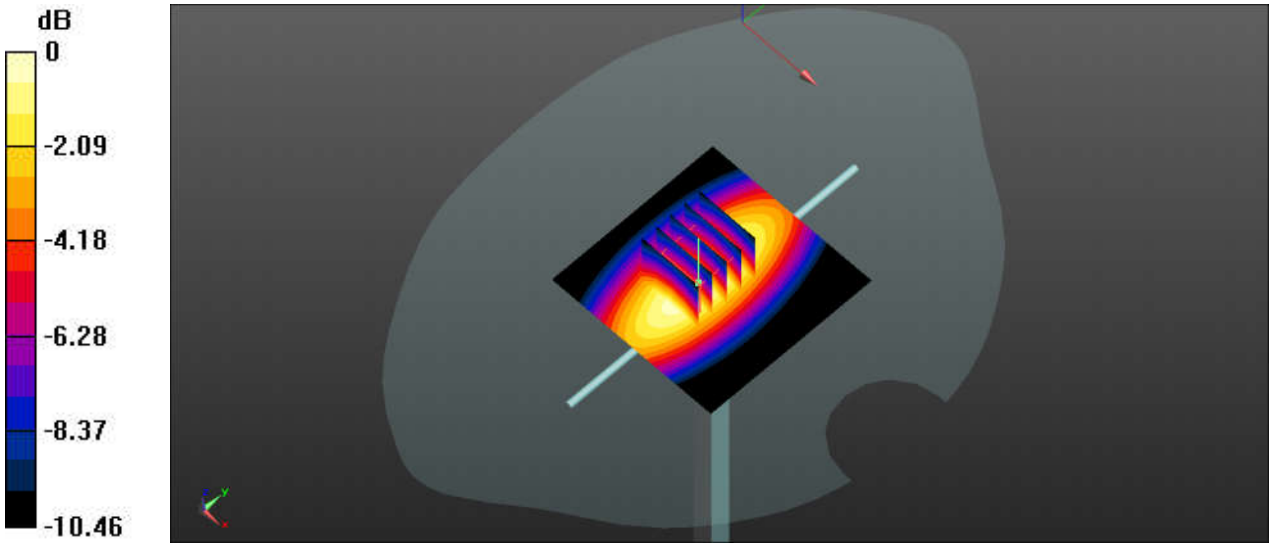
DUT: D835V2-SN:4d162

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_210904 Medium parameters used: f = 835 MHz; σ = 0.897 S/m; ε_r = 43.254; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2021/1/13
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP-1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.26 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 63.13 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.61 W/kg
Maximum value of SAR (measured) = 3.25 W/kg



0 dB = 3.25 W/kg

System Check_Head_1750MHz

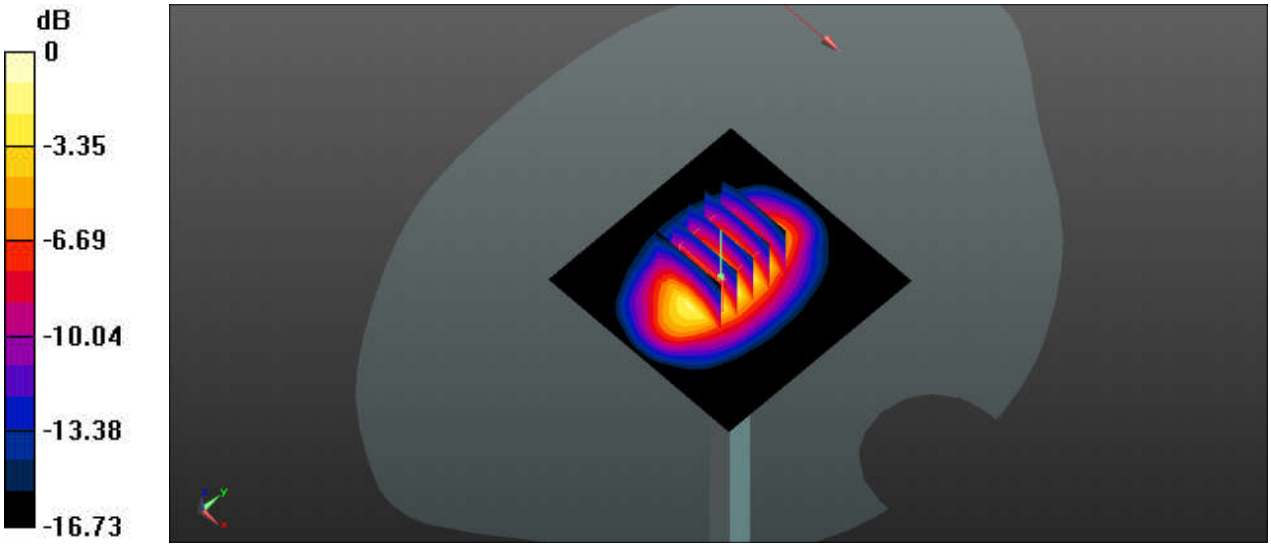
DUT: D1750V2-SN:1090

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_210822 Medium parameters used: f = 1750 MHz; σ = 1.367 S/m; ε_r = 40.221; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.75 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 75.03 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 9.84 W/kg
SAR(1 g) = 8.63 W/kg; SAR(10 g) = 4.69 W/kg
Maximum value of SAR (measured) = 7.90 W/kg



0 dB = 7.90 W/kg

System Check_Head_1750MHz

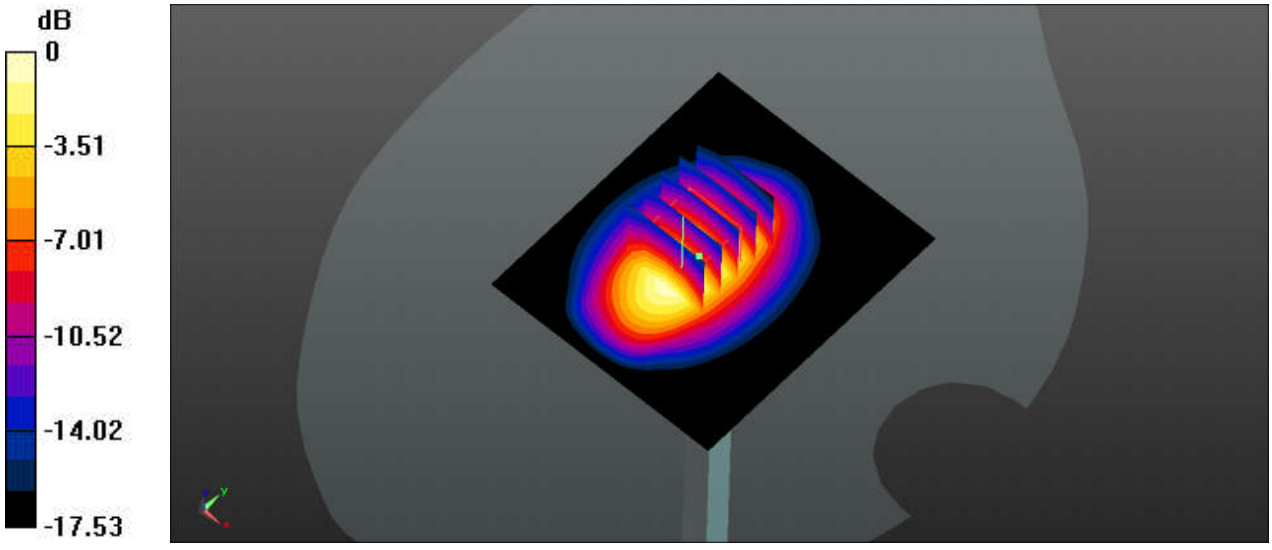
DUT: D1750V2-SN:1090

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_210824 Medium parameters used: f = 1750 MHz; σ = 1.398 S/m; ε_r = 41.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.13 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 74.02 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 8.99 W/kg; SAR(10 g) = 5.06 W/kg
Maximum value of SAR (measured) = 8.57 W/kg



0 dB = 8.57 W/kg

System Check_Head_1900MHz

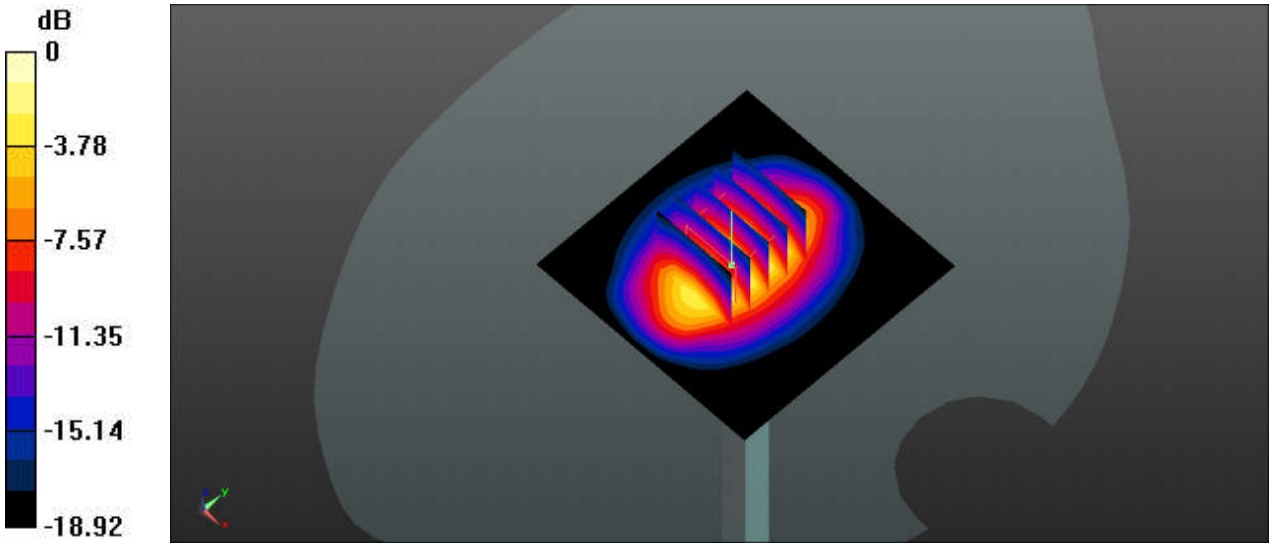
DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_210820 Medium parameters used: f = 1900 MHz; σ = 1.399 S/m; ε_r = 41.136; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.04 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 77.68 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 11.8 W/kg
SAR(1 g) = 9.06 W/kg; SAR(10 g) = 5.42 W/kg
Maximum value of SAR (measured) = 9.15 W/kg



0 dB = 9.15 W/kg

System Check_Head_1900MHz

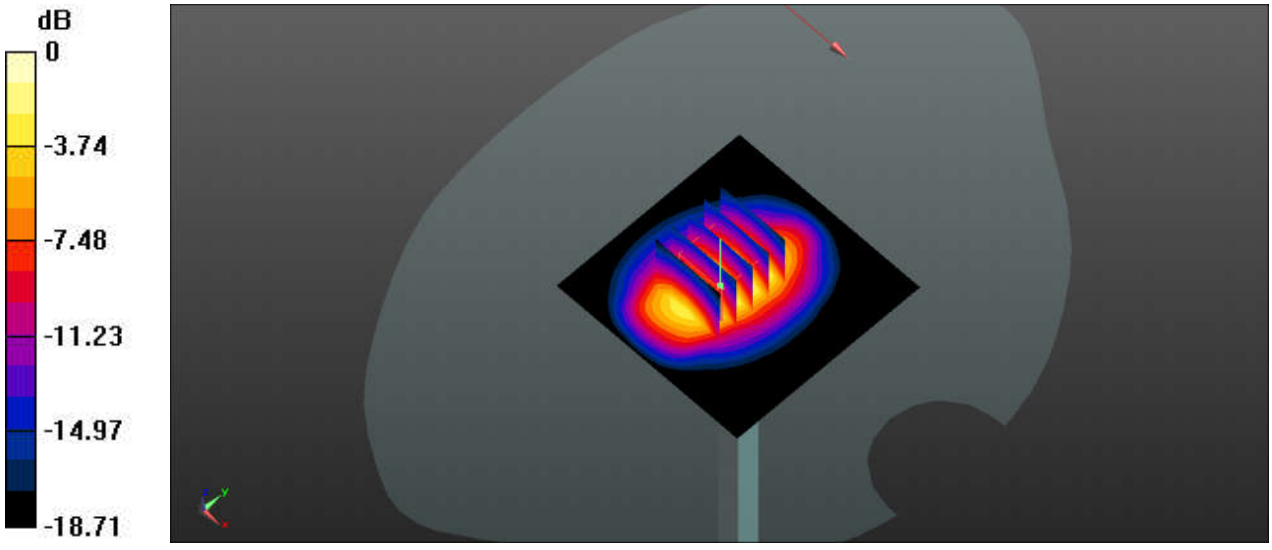
DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_210826 Medium parameters used: f = 1900 MHz; σ = 1.44 S/m; ε_r = 40.038; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.68 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 77.16 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 9.21 W/kg; SAR(10 g) = 5.67 W/kg
Maximum value of SAR (measured) = 9.69 W/kg



0 dB = 9.69 W/kg

System Check_Head_2300MHz

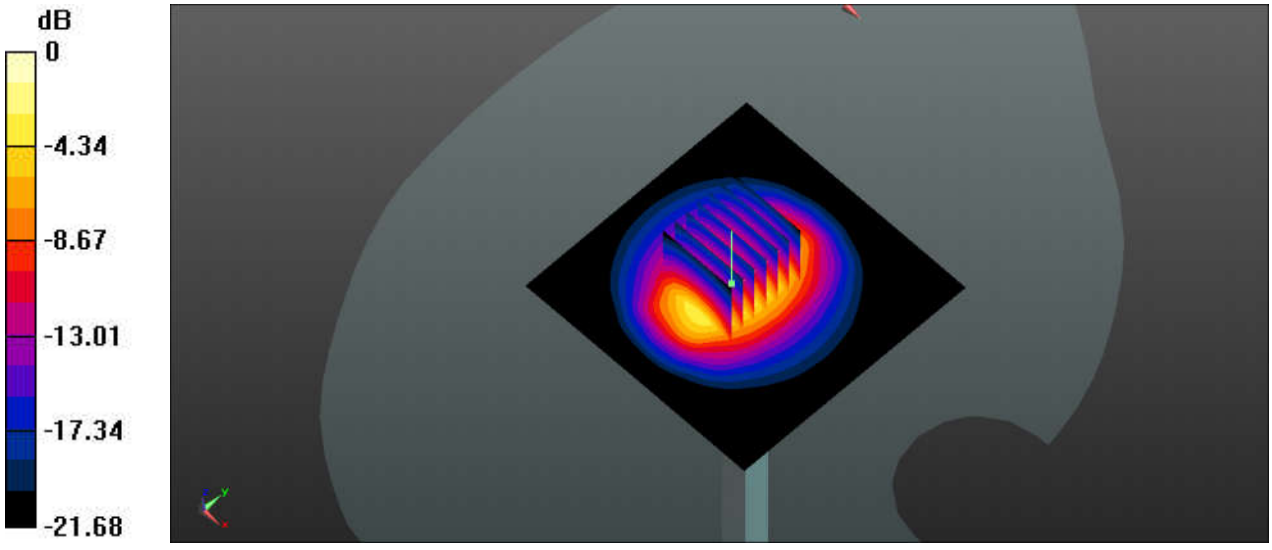
DUT: D2300V2-SN:1056

Communication System: UID 0, CW; Frequency: 2300 MHz;Duty Cycle: 1:1
Medium: HSL_2300_210829 Medium parameters used: f = 2300 MHz; σ = 1.722 S/m; ε_r = 37.606; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(7.99, 7.99, 7.99); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 12.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 80.27 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 12.3 W/kg; SAR(10 g) = 6.23 W/kg
Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg

System Check_Head_2300MHz

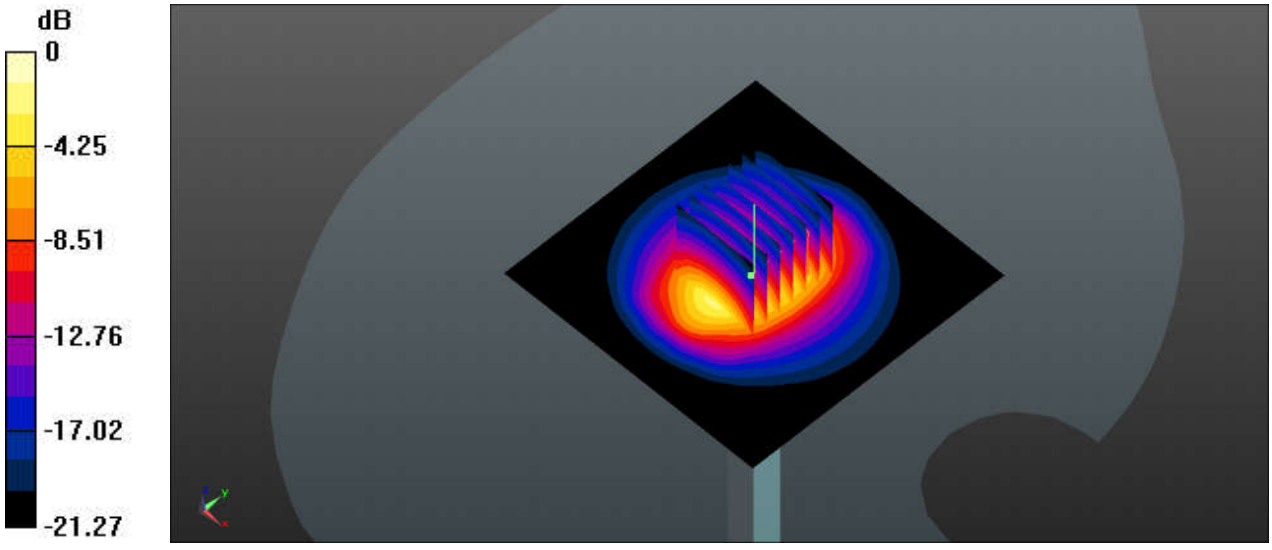
DUT: D2300V2-SN:1056

Communication System: UID 0, CW ; Frequency: 2300 MHz;Duty Cycle: 1:1
Medium: HSL_2300_210831 Medium parameters used: f = 2300 MHz; σ = 1.609 S/m; ε_r = 39.065; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(7.99, 7.99, 7.99); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 12.0 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.53 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 11.9 W/kg; SAR(10 g) = 5.69 W/kg
Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/8/22

System Check_Head_2450MHz

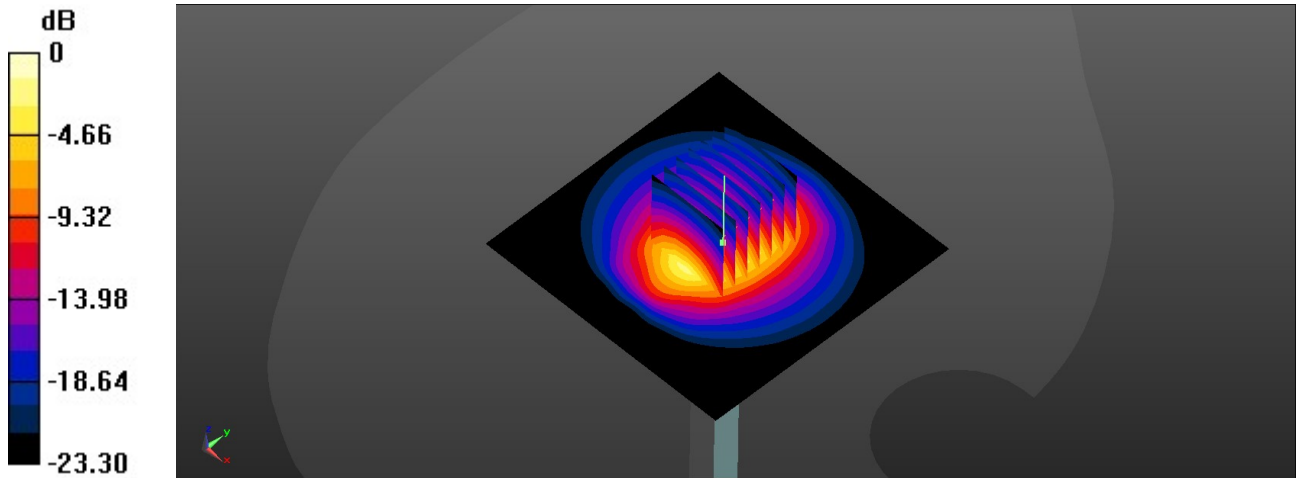
DUT: D2450V2-SN:924

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_210822 Medium parameters used: f = 2450 MHz; σ = 1.871 S/m; ε_r = 38.124; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7576; ConvF(7.67, 7.67, 7.67); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 23.0 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.4 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 25.4 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.87 W/kg
Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/8/31

System Check_Head_2450MHz

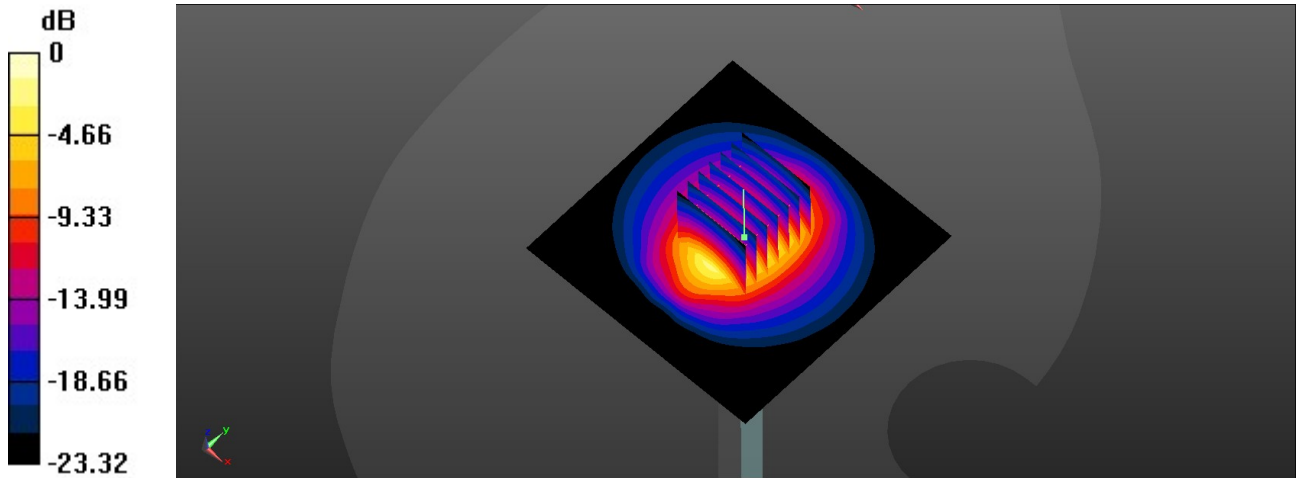
DUT: D2450V2-SN:924

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_210831 Medium parameters used: f = 2450 MHz; σ = 1.825 S/m; ε_r = 39.664; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7576; ConvF(7.67, 7.67, 7.67); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 21.3 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 110.0 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 27.2 W/kg
SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.42 W/kg
Maximum value of SAR (measured) = 21.2 W/kg



0 dB = 21.2 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/8/23

System Check_Head_5250MHz

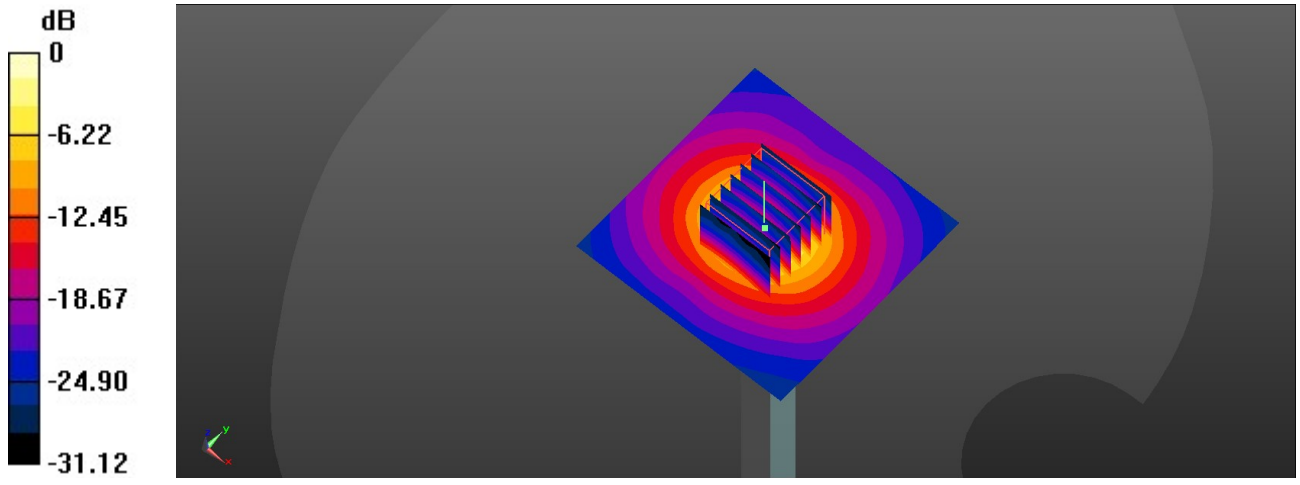
DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL_5250_210823 Medium parameters used: f = 5250 MHz; σ = 4.767 S/m; ε_r = 36.978; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7576; ConvF(5.17, 5.17, 5.17); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.3 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 65.32 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 27.8 W/kg
SAR(1 g) = 7.62 W/kg; SAR(10 g) = 2.2 W/kg
Maximum value of SAR (measured) = 16.1 W/kg



0 dB = 16.1 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/8/26

System Check_Head_5250MHz

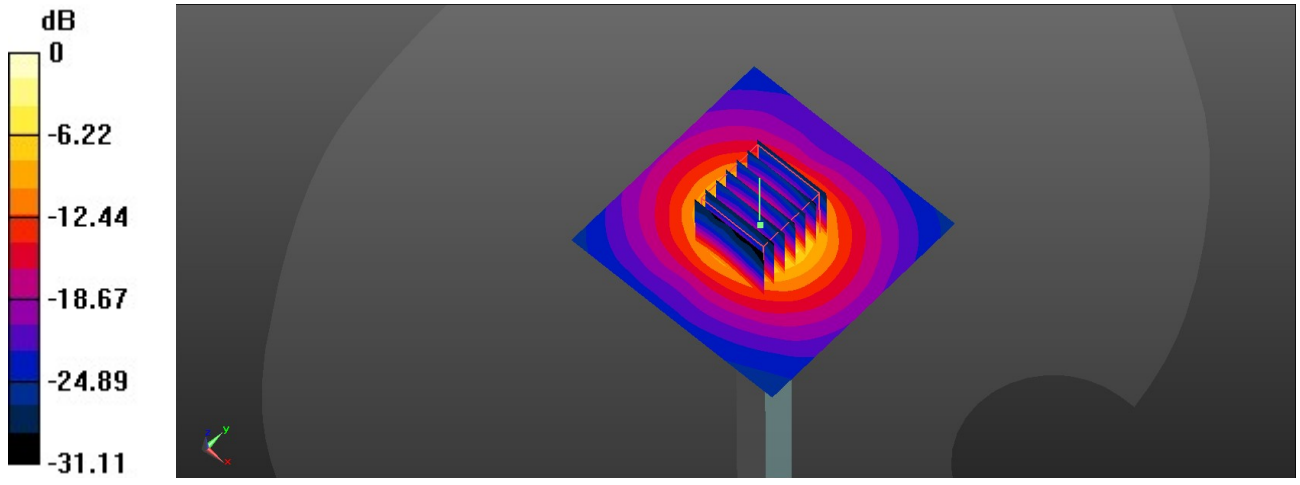
DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL_5250_210826 Medium parameters used: f = 5250 MHz; σ = 4.488 S/m;
ε_r = 37.097; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7576; ConvF(5.17, 5.17, 5.17); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 15.4 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 65.32 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 26.1 W/kg
SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.16 W/kg
Maximum value of SAR (measured) = 15.1 W/kg



0 dB = 15.1 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/8/24

System Check_Head_5600MHz

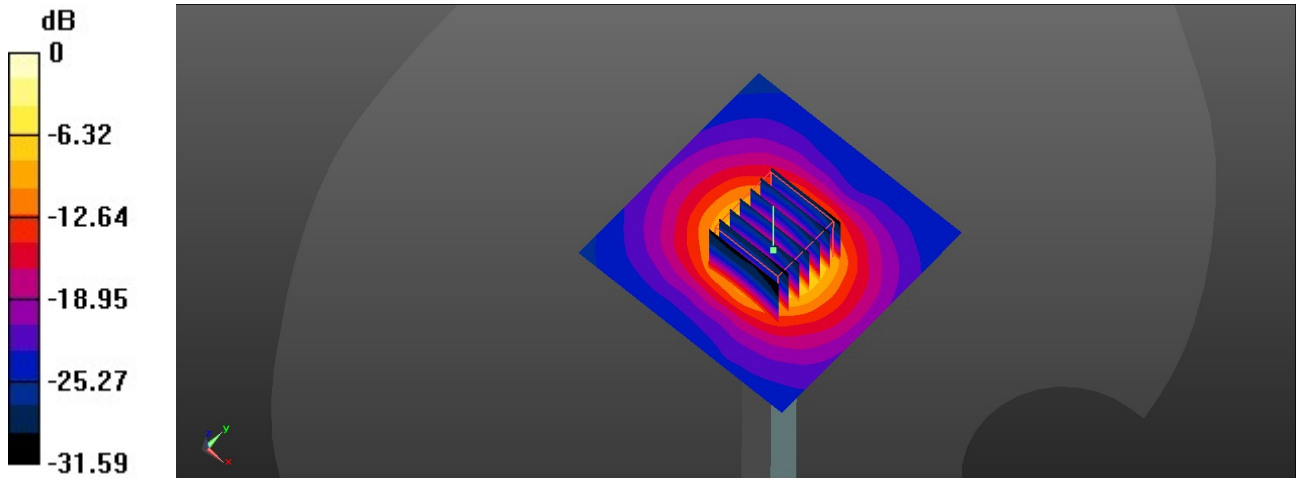
DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5600_210824 Medium parameters used: f = 5600 MHz; σ = 5.211 S/m; ε_r = 36.23; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7576; ConvF(4.6, 4.6, 4.6); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 20.7 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 69.77 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 37.5 W/kg
SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/8/27

System Check_Head_5600MHz

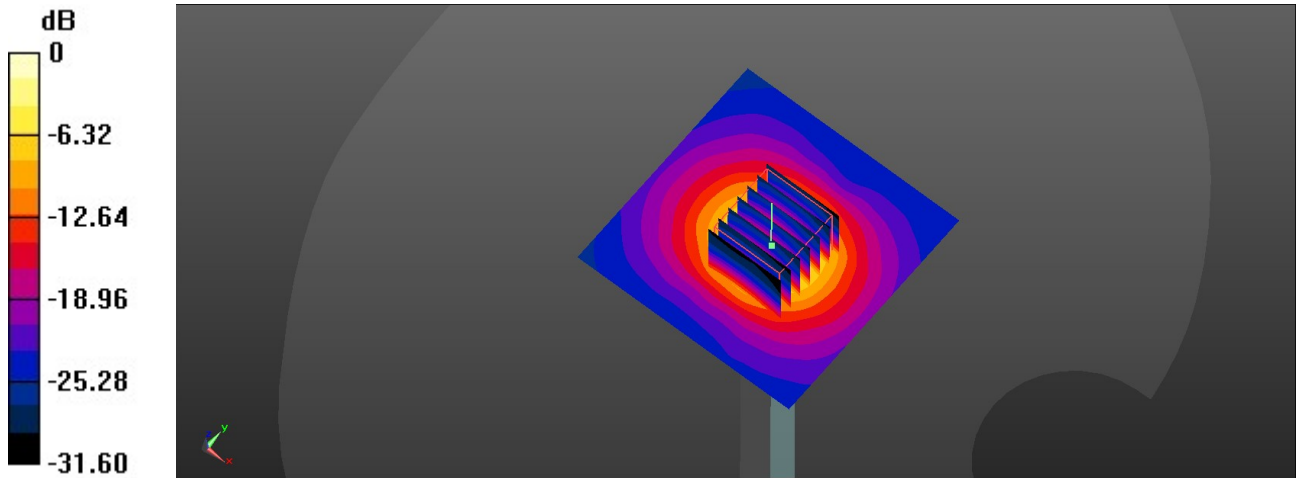
DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5600_210827 Medium parameters used: f = 5600 MHz; σ = 4.829 S/m; ε_r = 36.667; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7576; ConvF(4.6, 4.6, 4.6); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.2 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 69.77 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 34.7 W/kg
SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.28 W/kg
Maximum value of SAR (measured) = 19.6 W/kg



0 dB = 19.6 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/8/25

System Check_Head_5750MHz

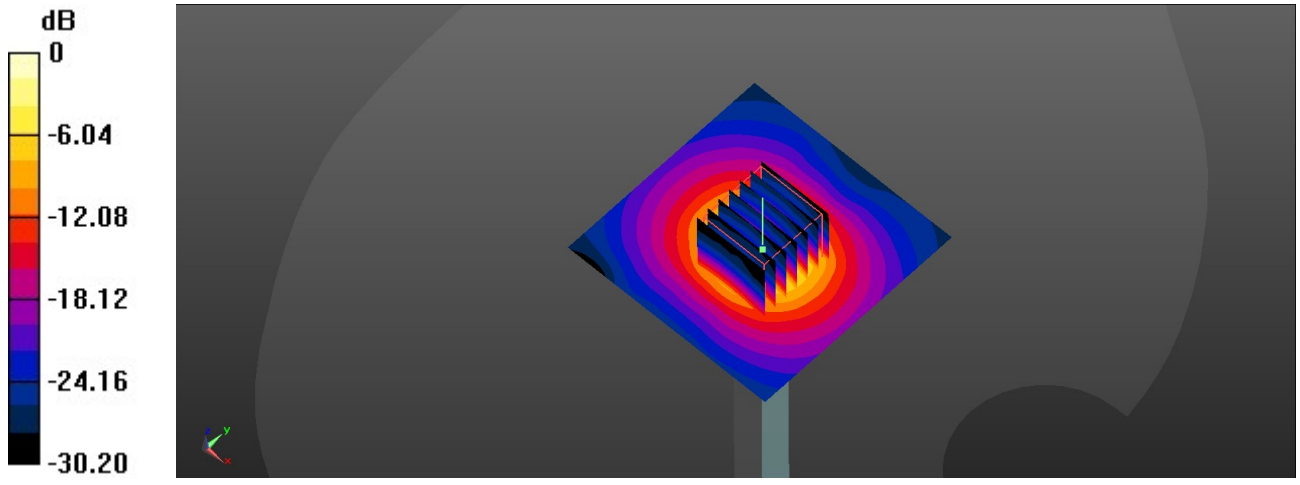
DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5750_210825 Medium parameters used: f = 5750 MHz; σ = 5.384 S/m; ε_r = 35.949; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7576; ConvF(4.75, 4.75, 4.75); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.4 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.53 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 35.8 W/kg
SAR(1 g) = 7.88 W/kg; SAR(10 g) = 2.25 W/kg
Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/8/29

System Check_Head_5750MHz

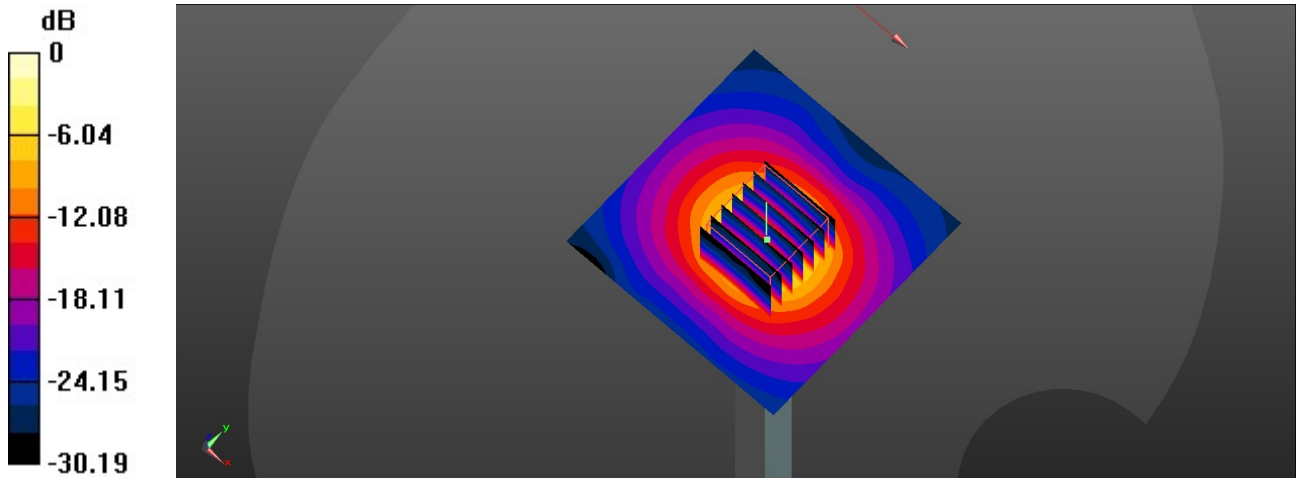
DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5750_210829 Medium parameters used: f = 5750 MHz; σ = 5.009 S/m; ε_r = 36.365; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7576; ConvF(4.75, 4.75, 4.75); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.1 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.53 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 33.3 W/kg
SAR(1 g) = 7.29 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 18.1 W/kg



0 dB = 18.1 W/kg

Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

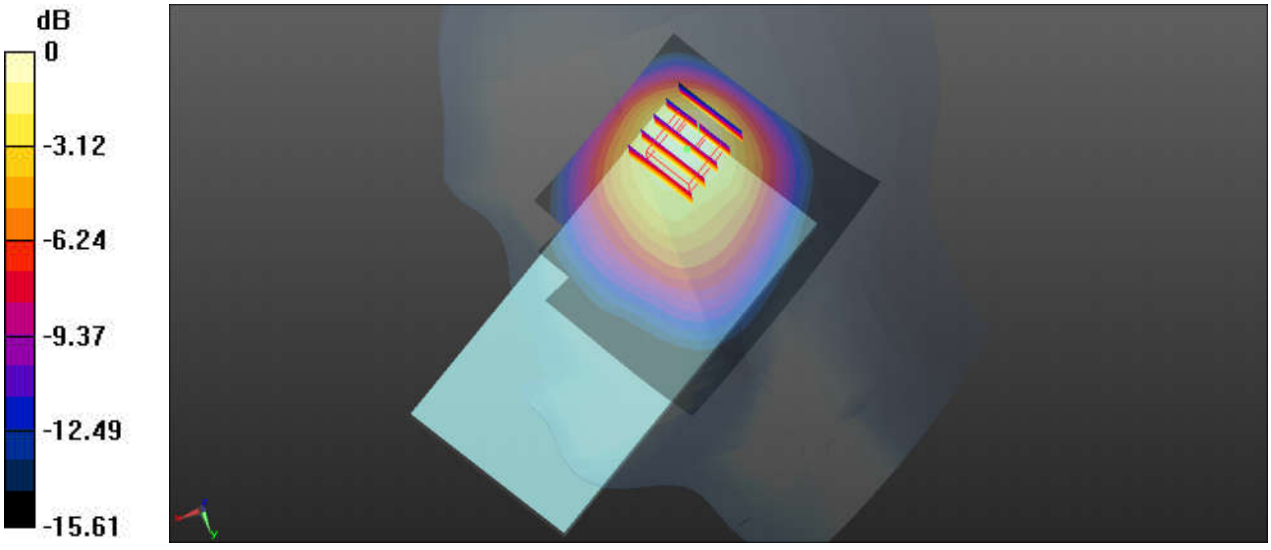
01_GSM850_GPRS 4 Tx slots_Right Cheek_Ch128

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_835_210828 Medium parameters used: f = 824.2 MHz; σ = 0.895 S/m; ε_r = 41.309; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2021/1/13
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP-1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch128/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.00 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.585 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

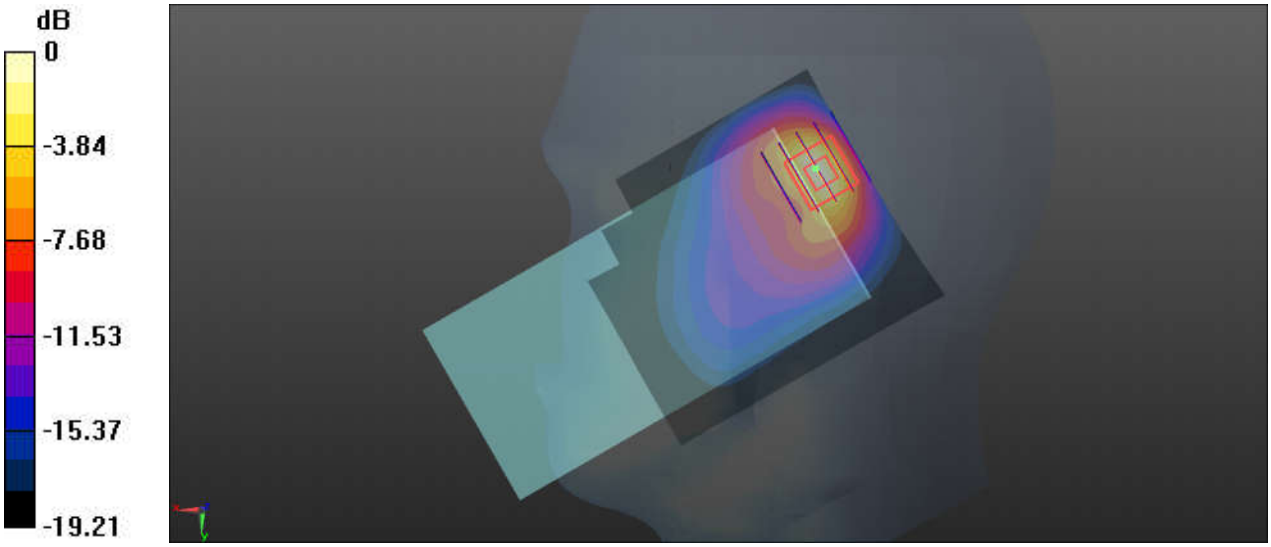
02_GSM1900_GPRS 4 Tx slots_Right Tilted_Ch512

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_210826 Medium parameters used: f = 1850.2 MHz; σ = 1.389 S/m; ε_r = 40.259; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch512/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.51 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.01 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.449 W/kg
Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg

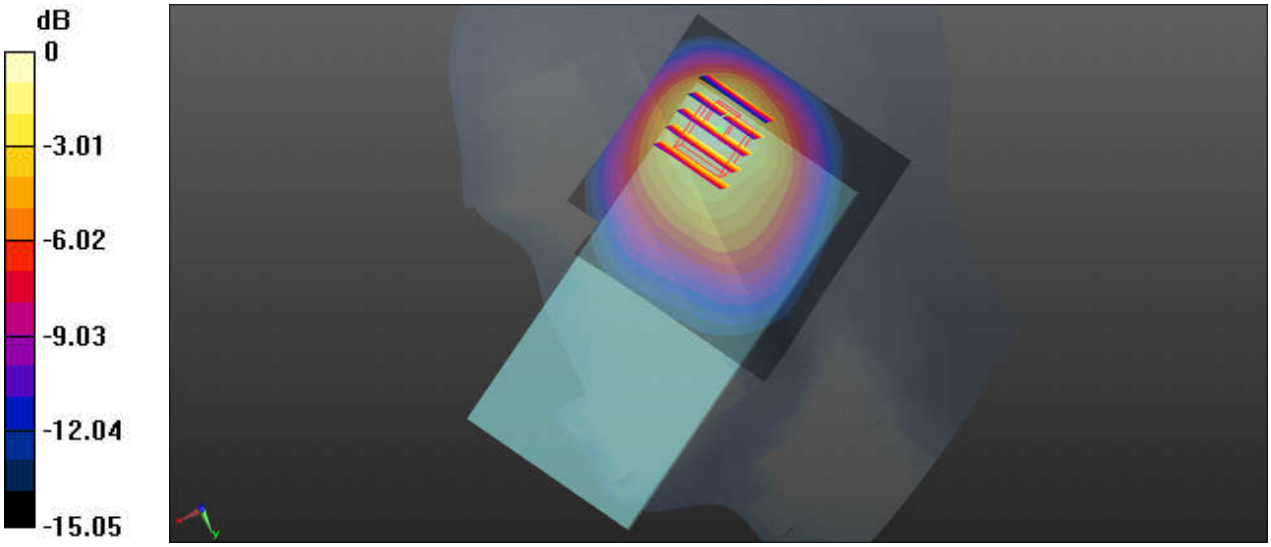
03_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_210828 Medium parameters used: f = 826.5 MHz; σ = 0.897 S/m; ε_r = 41.291; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2021/1/13
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP-1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch4132/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.21 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.596 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg

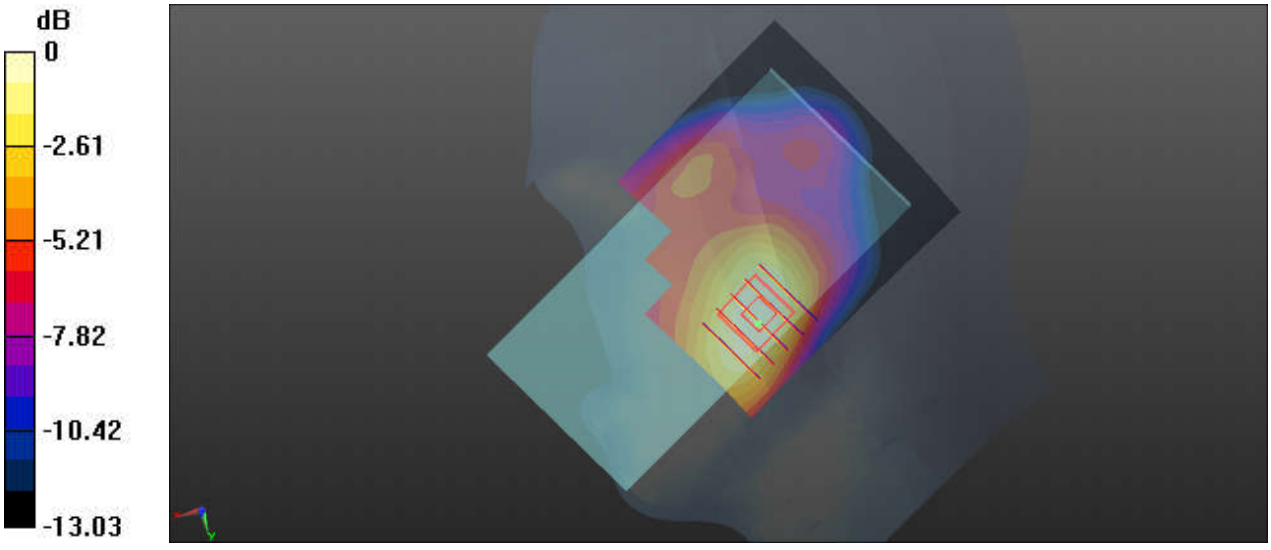
04_WCDMA IV_RMC12.2Kbps_Right Cheek_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_210822 Medium parameters used: f = 1753 MHz; σ = 1.37 S/m; ε_r = 40.204; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1513/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.399 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.460 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.405 W/kg



0 dB = 0.399 W/kg

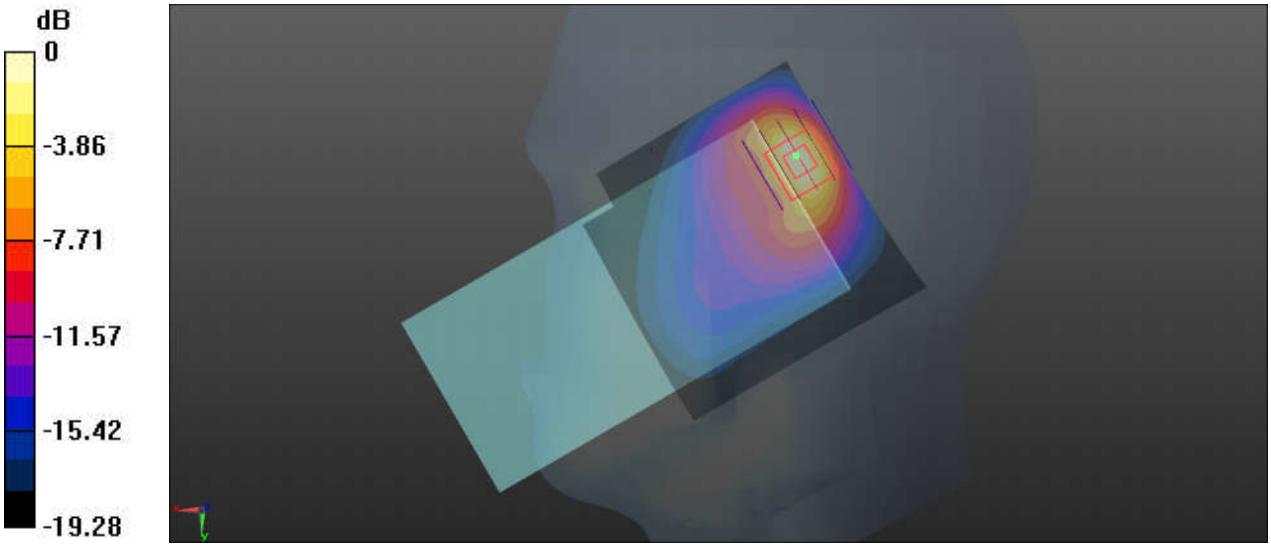
05_WCDMA II_RMC12.2Kbps_Right Tilted_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_210826 Medium parameters used: f = 1852.4 MHz; σ = 1.391 S/m; ε_r = 40.251; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9262/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.56 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.388 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

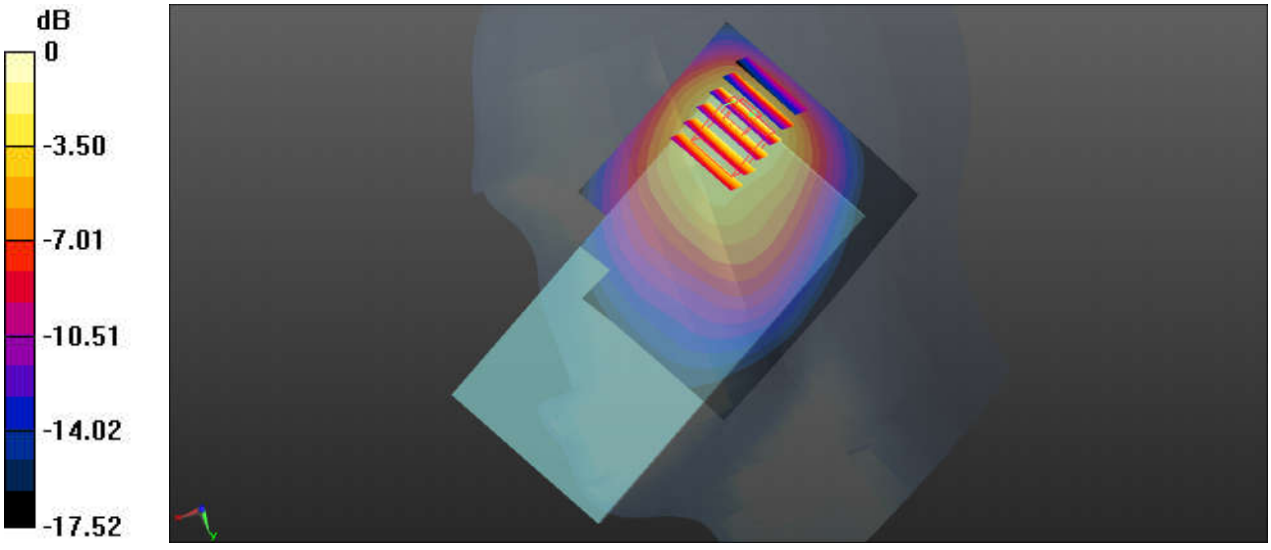
06_LTE Band 12_10M_QPSK_1RB_25Offset_Right Cheek_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_210830 Medium parameters used: f = 707.5 MHz; σ = 0.864 S/m; ε_r = 42.444; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3975; ConvF(10.04, 10.04, 10.04); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2021/1/13
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP-1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23095/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.906 W/kg

Ch23095/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.53 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.419 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg

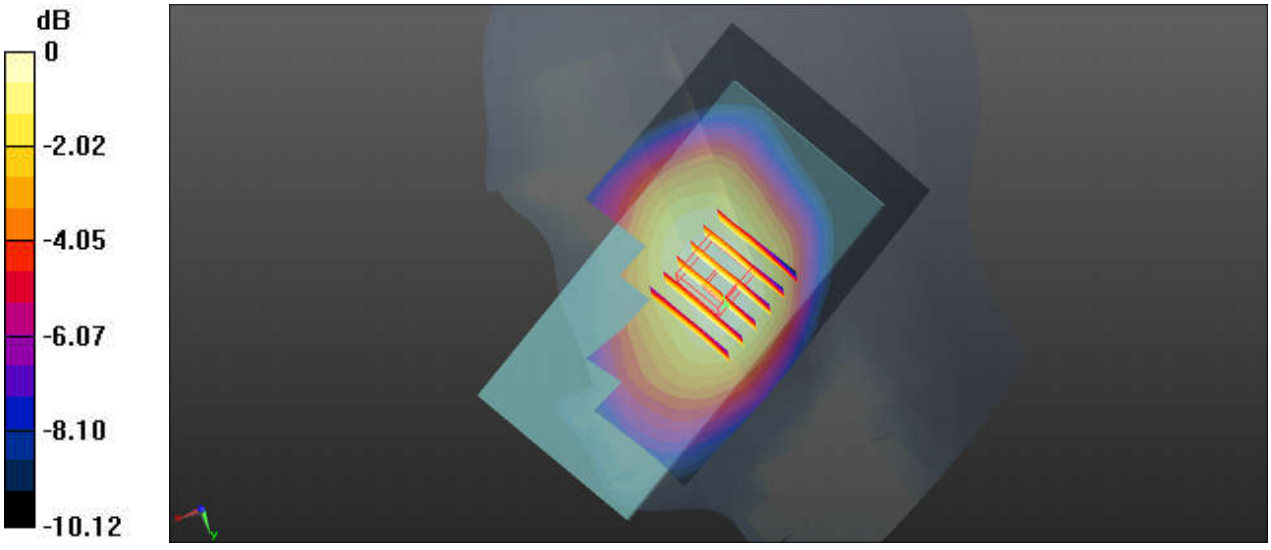
07_LTE Band 13_10M_QPSK_1RB_25Offset_Right Cheek_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_210830 Medium parameters used: f = 782 MHz; σ = 0.905 S/m; ε_r = 40.814; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3975; ConvF(10.04, 10.04, 10.04); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2021/1/13
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP-1671
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23230/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.391 W/kg

Ch23230/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.640 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.280 W/kg
Maximum value of SAR (measured) = 0.384 W/kg



0 dB = 0.384 W/kg