



**FCC SAR TEST REPORT**

**Report No. : FA262403-04D**

FR1 n48_Ant 2	10M	BPSK	12	6	Front	0mm	11	Open	641666	3624.99	20.36	21.10	1.186	0.03	1.600	1.897
FR1 n48_Ant 2	10M	BPSK	12	6	Front	0mm	11	Open	637000	3555	20.22	21.10	1.225	0.1	1.530	1.874
FR1 n48_Ant 2	10M	BPSK	12	6	Front	0mm	11	Open	646332	3694.98	20.29	21.10	1.205	0.19	1.520	1.832
FR1 n48_Ant 2	10M	BPSK	24	0	Front	0mm	11	Open	641666	3624.99	20.12	21.10	1.253	-0.01	1.560	1.955
FR1 n48_Ant 2	10M	BPSK	1	22	Back	0mm	11	Open	641666	3624.99	20.43	21.10	1.167	-0.08	1.790	2.089
FR1 n48_Ant 2	10M	BPSK	1	1	Back	0mm	11	Open	637000	3555	20.38	21.10	1.180	0.03	1.710	2.018
FR1 n48_Ant 2	10M	BPSK	1	22	Back	0mm	11	Open	641666	3624.99	20.27	21.10	1.211	0.05	1.630	1.973
FR1 n48_Ant 2	10M	BPSK	12	6	Back	0mm	11	Open	641666	3624.99	20.36	21.10	1.186	0.16	1.600	1.897
FR1 n48_Ant 2	10M	BPSK	12	6	Back	0mm	11	Open	637000	3555	20.22	21.10	1.225	-0.01	1.570	1.923
FR1 n48_Ant 2	10M	BPSK	12	6	Back	0mm	11	Open	646332	3694.98	20.29	21.10	1.205	-0.08	1.540	1.856
FR1 n48_Ant 2	10M	BPSK	24	0	Back	0mm	11	Open	641666	3624.99	20.12	21.10	1.253	0.08	1.640	2.055
FR1 n48_Ant 2	10M	BPSK	1	22	Right Side	0mm	11	Open	646332	3694.98	20.43	21.10	1.167	0.06	0.578	0.674
FR1 n48_Ant 2	10M	BPSK	12	6	Right Side	0mm	11	Open	641666	3624.99	20.36	21.10	1.186	-0.19	0.548	0.650
FR1 n48_Ant 2	10M	BPSK	1	22	Bottom Side	0mm	11	Open	646332	3694.98	20.43	21.10	1.167	0.18	0.767	0.895
FR1 n48_Ant 2	10M	BPSK	12	6	Bottom Side	0mm	11	Open	641666	3624.99	20.36	21.10	1.186	0.07	0.741	0.879
FR1 n48_Ant 2	40M	BPSK	50	25	Back	0mm	11	Open	641666	3624.99	20.43	21.10	1.167	0.06	1.660	1.937



Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Mode	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	FR1 n48_Ant 1	40M	BPSK	1	104	Front	0mm	10	Open	645332	3679.98	24.56	25.30	1.186	-0.04	0.665	0.789
	FR1 n48_Ant 1	40M	BPSK	50	28	Front	0mm	10	Open	638000	3570	24.64	25.30	1.164	-0.17	0.672	0.782
	FR1 n48_Ant 1	40M	BPSK	1	104	Back	0mm	10	Open	645332	3679.98	24.56	25.30	1.186	0.1	1.780	2.111
	FR1 n48_Ant 1	40M	BPSK	1	104	Back	0mm	10	Open	638000	3570	24.35	25.30	1.245	-0.12	1.600	1.991
	FR1 n48_Ant 1	40M	BPSK	1	104	Back	0mm	10	Open	641666	3624.99	24.37	25.30	1.239	0.03	1.570	1.945
	FR1 n48_Ant 1	40M	BPSK	50	28	Back	0mm	10	Open	638000	3570	24.64	25.30	1.164	-0.08	1.800	2.095
	FR1 n48_Ant 1	40M	BPSK	50	28	Back	0mm	10	Open	641666	3624.99	24.61	25.30	1.172	0.19	1.560	1.829
	FR1 n48_Ant 1	40M	BPSK	50	28	Back	0mm	10	Open	645332	3679.98	24.46	25.30	1.213	-0.13	1.580	1.917
	FR1 n48_Ant 1	40M	BPSK	100	0	Back	0mm	10	Open	638000	3570	24.13	24.80	1.167	-0.14	1.650	1.925
	FR1 n48_Ant 1	40M	BPSK	1	104	Right Side	0mm	10	Open	645332	3679.98	24.56	25.30	1.186	-0.03	1.120	1.328
	FR1 n48_Ant 1	40M	BPSK	50	28	Right Side	0mm	10	Open	638000	3570	24.64	25.30	1.164	0.06	1.130	1.315
	FR1 n48_Ant 1	40M	BPSK	1	104	Top Side	0mm	10	Open	645332	3679.98	24.56	25.30	1.186	0.07	2.050	2.431
	FR1 n48_Ant 1	40M	BPSK	1	104	Top Side	0mm	10	Open	638000	3570	24.35	25.30	1.245	-0.12	1.880	2.340
	FR1 n48_Ant 1	40M	BPSK	1	104	Top Side	0mm	10	Open	641666	3624.99	24.37	25.30	1.239	0.03	1.840	2.279
	FR1 n48_Ant 1	40M	BPSK	50	28	Top Side	0mm	10	Open	638000	3570	24.64	25.30	1.164	-0.12	2.060	2.398
	FR1 n48_Ant 1	40M	BPSK	50	28	Top Side	0mm	10	Open	641666	3624.99	24.61	25.30	1.172	-0.07	1.860	2.180
	FR1 n48_Ant 1	40M	BPSK	50	28	Top Side	0mm	10	Open	645332	3679.98	24.46	25.30	1.213	-0.1	1.800	2.184
	FR1 n48_Ant 1	40M	BPSK	100	0	Top Side	0mm	10	Open	638000	3570	24.13	24.80	1.167	0.03	1.950	2.275
	FR1 n48_Ant 1	40M	BPSK	1	104	Front	0mm	11	Open	645332	3679.98	24.56	25.20	1.159	-0.04	0.665	0.771
	FR1 n48_Ant 1	40M	BPSK	50	28	Front	0mm	11	Open	638000	3570	24.64	25.20	1.138	-0.17	0.672	0.764
	FR1 n48_Ant 1	40M	BPSK	1	104	Back	0mm	11	Open	645332	3679.98	24.56	25.20	1.159	0.1	1.780	2.063
	FR1 n48_Ant 1	40M	BPSK	1	104	Back	0mm	11	Open	638000	3570	24.35	25.20	1.216	-0.12	1.600	1.946
	FR1 n48_Ant 1	40M	BPSK	1	104	Back	0mm	11	Open	641666	3624.99	24.37	25.20	1.211	0.03	1.570	1.901
	FR1 n48_Ant 1	40M	BPSK	50	28	Back	0mm	11	Open	638000	3570	24.64	25.20	1.138	-0.08	1.800	2.048
	FR1 n48_Ant 1	40M	BPSK	50	28	Back	0mm	11	Open	641666	3624.99	24.61	25.20	1.146	0.19	1.560	1.787
	FR1 n48_Ant 1	40M	BPSK	50	28	Back	0mm	11	Open	645332	3679.98	24.46	25.20	1.186	-0.13	1.580	1.874
	FR1 n48_Ant 1	40M	BPSK	100	0	Back	0mm	11	Open	638000	3570	24.13	24.80	1.167	-0.14	1.650	1.925
	FR1 n48_Ant 1	40M	BPSK	1	104	Right Side	0mm	11	Open	645332	3679.98	24.56	25.20	1.159	-0.03	1.120	1.298
	FR1 n48_Ant 1	40M	BPSK	50	28	Right Side	0mm	11	Open	638000	3570	24.64	25.20	1.138	0.06	1.130	1.286
	FR1 n48_Ant 1	40M	BPSK	1	104	Top Side	0mm	11	Open	645332	3679.98	24.56	25.20	1.159	0.07	2.050	2.375
	FR1 n48_Ant 1	40M	BPSK	1	104	Top Side	0mm	11	Open	638000	3570	24.35	25.20	1.216	-0.12	1.880	2.286
	FR1 n48_Ant 1	40M	BPSK	1	104	Top Side	0mm	11	Open	641666	3624.99	24.37	25.20	1.211	0.03	1.840	2.228
	FR1 n48_Ant 1	40M	BPSK	50	28	Top Side	0mm	11	Open	638000	3570	24.64	25.20	1.138	-0.12	2.060	2.344
	FR1 n48_Ant 1	40M	BPSK	50	28	Top Side	0mm	11	Open	641666	3624.99	24.61	25.20	1.146	-0.07	1.860	2.131
	FR1 n48_Ant 1	40M	BPSK	50	28	Top Side	0mm	11	Open	645332	3679.98	24.46	25.20	1.186	-0.1	1.800	2.134
	FR1 n48_Ant 1	40M	BPSK	100	0	Top Side	0mm	11	Open	638000	3570	24.13	24.80	1.167	0.03	1.950	2.275
	FR1 n48_Ant 5	40M	BPSK	1	104	Front	0mm	10/11	Open	645332	3679.98	24.26	25.30	1.271	-0.08	1.310	1.664
	FR1 n48_Ant 5	40M	BPSK	50	28	Front	0mm	10/11	Open	645332	3679.98	24.00	25.30	1.349	-0.06	1.280	1.727
	FR1 n48_Ant 5	40M	BPSK	1	104	Back	0mm	10/11	Open	645332	3679.98	24.26	25.30	1.271	0.18	0.001	0.001
	FR1 n48_Ant 5	40M	BPSK	50	28	Back	0mm	10/11	Open	645332	3679.98	24.00	25.30	1.349	0.08	0.001	0.001
	FR1 n48_Ant 5	40M	BPSK	1	104	Right Side	0mm	10/11	Open	645332	3679.98	24.26	25.30	1.271	0.17	0.001	0.001
	FR1 n48_Ant 5	40M	BPSK	50	28	Right Side	0mm	10/11	Open	645332	3679.98	24.00	25.30	1.349	-0.1	0.001	0.001
	FR1 n48_Ant 5	40M	BPSK	1	104	Bottom Side	0mm	10/11	Open	645332	3679.98	24.26	25.30	1.271	0	0.039	0.050
	FR1 n48_Ant 5	40M	BPSK	50	28	Bottom Side	0mm	10/11	Open	645332	3679.98	24.00	25.30	1.349	-0.01	0.035	0.047



Table with 18 columns: Plot No., Band, BW (MHz), Modulation, RB Size, RB offset, Test Position, Gap (mm), Power Index, Mode, Ch., Freq. (MHz), Average Power (dBm), Tune-Up Limit (dBm), Tune-up Scaling Factor, Power Drift (dB), Measured 10g SAR (W/kg), Reported 10g SAR (W/kg). Rows contain detailed test data for various antenna configurations and positions.



FCC SAR TEST REPORT

Report No. : FA262403-04D

Table with columns for antenna ID, power, modulation, frequency, distance, orientation, and SAR values. Row 140 is highlighted in green.



**FCC SAR TEST REPORT**

**Report No. : FA262403-04D**

FR1 n77_Ant 5	100M	BPSK	1	137	Front	0mm	11	Open	656000	3840	22.75	23.60	1.216	0.12	1.980	2.408
FR1 n77_Ant 5	100M	BPSK	135	69	Front	0mm	11	Open	656000	3840	22.73	23.60	1.222	-0.06	1.950	2.383
FR1 n77_Ant 5	100M	BPSK	270	0	Front	0mm	11	Open	656000	3840	22.62	23.60	1.253	0.19	1.880	2.356
FR1 n77_Ant 5	100M	BPSK	1	137	Back	0mm	11	Open	656000	3840	22.75	23.60	1.216	0.04	0.022	0.027
FR1 n77_Ant 5	100M	BPSK	135	69	Back	0mm	11	Open	656000	3840	22.73	23.60	1.222	-0.09	0.020	0.024
FR1 n77_Ant 5	100M	BPSK	1	137	Right Side	0mm	11	Open	656000	3840	22.75	23.60	1.216	0.09	0.001	0.001
FR1 n77_Ant 5	100M	BPSK	135	69	Right Side	0mm	11	Open	656000	3840	22.73	23.60	1.222	-0.16	0.001	0.001
FR1 n77_Ant 5	100M	BPSK	1	137	Bottom Side	0mm	11	Open	656000	3840	22.75	23.60	1.216	0.03	0.043	0.052
FR1 n77_Ant 5	100M	BPSK	135	69	Bottom Side	0mm	11	Open	656000	3840	22.73	23.60	1.222	-0.08	0.038	0.046
FR1 n77_Ant 1	100M	BPSK	1	137	Front	0mm	10	Open	633332	3499.98	24.27	25.30	1.268	0.03	1.060	1.344
FR1 n77_Ant 1	100M	BPSK	135	69	Front	0mm	10	Open	633332	3499.98	24.25	25.30	1.274	-0.12	1.020	1.299
FR1 n77_Ant 1	100M	BPSK	1	137	Back	0mm	10	Open	633332	3499.98	24.27	25.30	1.268	-0.04	2.260	2.865
FR1 n77_Ant 1	100M	BPSK	135	69	Back	0mm	10	Open	633332	3499.98	24.25	25.30	1.274	0.02	2.210	2.814
FR1 n77_Ant 1	100M	BPSK	270	0	Back	0mm	10	Open	633332	3499.98	23.74	24.80	1.276	-0.09	1.950	2.489
FR1 n77_Ant 1	100M	BPSK	1	137	Right Side	0mm	10	Open	633332	3499.98	24.27	25.30	1.268	0.08	1.430	1.813
FR1 n77_Ant 1	100M	BPSK	135	69	Right Side	0mm	10	Open	633332	3499.98	24.25	25.30	1.274	0.07	1.350	1.719
FR1 n77_Ant 1	100M	BPSK	1	137	Top Side	0mm	10	Open	633332	3499.98	24.27	25.30	1.268	-0.04	1.950	2.472
FR1 n77_Ant 1	100M	BPSK	135	69	Top Side	0mm	10	Open	633332	3499.98	24.25	25.30	1.274	0.04	1.860	2.369
FR1 n77_Ant 1	100M	BPSK	270	0	Top Side	0mm	10	Open	633332	3499.98	23.74	24.80	1.276	-0.12	1.650	2.106
FR1 n77_Ant 1	100M	BPSK	1	137	Front	0mm	11	Open	633332	3499.98	24.27	24.60	1.079	0.03	1.060	1.144
FR1 n77_Ant 1	100M	BPSK	135	69	Front	0mm	11	Open	633332	3499.98	24.25	24.60	1.084	-0.12	1.020	1.106
FR1 n77_Ant 1	100M	BPSK	1	137	Back	0mm	11	Open	633332	3499.98	24.27	24.60	1.079	-0.04	2.260	2.438
FR1 n77_Ant 1	100M	BPSK	135	69	Back	0mm	11	Open	633332	3499.98	24.25	24.60	1.084	0.02	2.210	2.395
FR1 n77_Ant 1	100M	BPSK	270	0	Back	0mm	11	Open	633332	3499.98	23.74	24.60	1.219	-0.09	1.950	2.377
FR1 n77_Ant 1	100M	BPSK	1	137	Right Side	0mm	11	Open	633332	3499.98	24.27	24.60	1.079	0.08	1.430	1.543
FR1 n77_Ant 1	100M	BPSK	135	69	Right Side	0mm	11	Open	633332	3499.98	24.25	24.60	1.084	0.07	1.350	1.463
FR1 n77_Ant 1	100M	BPSK	1	137	Top Side	0mm	11	Open	633332	3499.98	24.27	24.60	1.079	-0.04	1.950	2.104
FR1 n77_Ant 1	100M	BPSK	135	69	Top Side	0mm	11	Open	633332	3499.98	24.25	24.60	1.084	0.04	1.860	2.016
FR1 n77_Ant 1	100M	BPSK	270	0	Top Side	0mm	11	Open	633332	3499.98	23.74	24.60	1.219	-0.12	1.650	2.011
FR1 n77_Ant 5	100M	BPSK	1	137	Front	0mm	10	Open	633332	3499.98	22.97	24.40	1.390	0.07	1.550	2.154
FR1 n77_Ant 5	100M	BPSK	135	69	Front	0mm	10	Open	633332	3499.98	22.96	24.40	1.393	0.15	1.500	2.090
FR1 n77_Ant 5	100M	BPSK	1	137	Back	0mm	10	Open	633332	3499.98	22.97	24.40	1.390	0.14	0.032	0.044
FR1 n77_Ant 5	100M	BPSK	135	69	Back	0mm	10	Open	633332	3499.98	22.96	24.40	1.393	0.13	0.030	0.042
FR1 n77_Ant 5	100M	BPSK	1	137	Right Side	0mm	10	Open	633332	3499.98	22.97	24.40	1.390	0.09	0.009	0.013
FR1 n77_Ant 5	100M	BPSK	135	69	Right Side	0mm	10	Open	633332	3499.98	22.96	24.40	1.393	0.13	0.007	0.010
FR1 n77_Ant 5	100M	BPSK	1	137	Bottom Side	0mm	10	Open	633332	3499.98	22.97	24.40	1.390	-0.17	0.056	0.078
FR1 n77_Ant 5	100M	BPSK	135	69	Bottom Side	0mm	10	Open	633332	3499.98	22.96	24.40	1.393	0.1	0.051	0.071
FR1 n77_Ant 5	100M	BPSK	1	137	Front	0mm	11	Open	633332	3499.98	22.97	23.60	1.156	0.07	1.550	1.792
FR1 n77_Ant 5	100M	BPSK	135	69	Front	0mm	11	Open	633332	3499.98	22.96	23.60	1.159	0.15	1.500	1.738
FR1 n77_Ant 5	100M	BPSK	1	137	Back	0mm	11	Open	633332	3499.98	22.97	23.60	1.156	0.14	0.032	0.037
FR1 n77_Ant 5	100M	BPSK	135	69	Back	0mm	11	Open	633332	3499.98	22.96	23.60	1.159	0.13	0.030	0.035
FR1 n77_Ant 5	100M	BPSK	1	137	Right Side	0mm	11	Open	633332	3499.98	22.97	23.60	1.156	0.09	0.009	0.010
FR1 n77_Ant 5	100M	BPSK	135	69	Right Side	0mm	11	Open	633332	3499.98	22.96	23.60	1.159	0.13	0.007	0.008
FR1 n77_Ant 5	100M	BPSK	1	137	Bottom Side	0mm	11	Open	633332	3499.98	22.97	23.60	1.156	-0.17	0.056	0.065
FR1 n77_Ant 5	100M	BPSK	135	69	Bottom Side	0mm	11	Open	633332	3499.98	22.96	23.60	1.159	0.1	0.051	0.059



<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Power State	Mode	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)
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 3	11	2462	9_Non-RSDB	Open	20.90	21.00	1.023	99.08	1.009	-0.13	1.210	1.249
141	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	11	2462	9_Non-RSDB	Open	20.90	21.00	1.023	99.08	1.009	-0.12	2.200	2.272
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	1	2412	9_Non-RSDB	Open	20.60	21.00	1.096	99.08	1.009	0.05	1.510	1.671
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	6	2437	9_Non-RSDB	Open	20.90	21.00	1.023	99.08	1.009	0.06	1.940	2.003
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3	11	2462	9_Non-RSDB	Open	20.90	21.00	1.023	99.08	1.009	0.02	0.046	0.047
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 3	11	2462	9_Non-RSDB	Open	20.90	21.00	1.023	99.08	1.009	0.18	1.510	1.559
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 3	11	2462	9_RSDB	Open	20.40	20.50	1.023	99.08	1.009	-0.17	1.050	1.084
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	11	2462	9_RSDB	Open	20.40	20.50	1.023	99.08	1.009	0.03	1.800	1.859
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3	11	2462	9_RSDB	Open	20.40	20.50	1.023	99.08	1.009	0.13	0.051	0.053
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 3	11	2462	9_RSDB	Open	20.40	20.50	1.023	99.08	1.009	0.11	1.380	1.425
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 3	11	2462	8_Non-RSDB	Open	19.00	19.00	1.000	99.08	1.009	-0.05	0.711	0.717
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	11	2462	8_Non-RSDB	Open	19.00	19.00	1.000	99.08	1.009	-0.12	0.999	1.008
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3	11	2462	8_Non-RSDB	Open	19.00	19.00	1.000	99.08	1.009	0.19	0.027	0.027
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 3	11	2462	8_Non-RSDB	Open	19.00	19.00	1.000	99.08	1.009	0.1	0.857	0.865
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 3	11	2462	8_RSDB	Open	15.20	15.50	1.072	99.08	1.009	-0.14	0.354	0.383
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	11	2462	8_RSDB	Open	15.20	15.50	1.072	99.08	1.009	0.07	0.584	0.631
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 3	11	2462	8_RSDB	Open	15.20	15.50	1.072	99.08	1.009	0.19	0.017	0.018
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 3	11	2462	8_RSDB	Open	15.20	15.50	1.072	99.08	1.009	0.03	0.404	0.437
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 4	11	2462	9	Open	20.50	21.00	1.122	98.74	1.013	0.01	0.838	0.952
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 4	11	2462	9	Open	20.50	21.00	1.122	98.74	1.013	-0.07	0.941	1.070
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 4	11	2462	9	Open	20.50	21.00	1.122	98.74	1.013	-0.04	1.200	1.364
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 4	11	2462	9	Open	20.50	21.00	1.122	98.74	1.013	0.03	0.185	0.210
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 4	11	2462	8_Non-RSDB	Open	19.20	20.00	1.202	98.74	1.013	-0.11	0.663	0.807
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 4	11	2462	8_Non-RSDB	Open	19.20	20.00	1.202	98.74	1.013	0.06	0.754	0.918
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 4	11	2462	8_Non-RSDB	Open	19.20	20.00	1.202	98.74	1.013	0.07	0.977	1.190
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 4	11	2462	8_Non-RSDB	Open	19.20	20.00	1.202	98.74	1.013	-0.03	0.150	0.183
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 4	11	2462	8_RSDB	Open	16.20	17.00	1.202	98.74	1.013	0.09	0.323	0.393
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 4	11	2462	8_RSDB	Open	16.20	17.00	1.202	98.74	1.013	-0.01	0.365	0.445
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 4	11	2462	8_RSDB	Open	16.20	17.00	1.202	98.74	1.013	-0.13	0.478	0.582
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 4	11	2462	8_RSDB	Open	16.20	17.00	1.202	98.74	1.013	0.1	0.071	0.086



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Power State	Mode	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)
	WLAN2.4GHz	802.11g 6Mbps	Front	0mm	Ant 3+4(3)	1	2412	9_Non-RSDB	Open	20.70	21.00	1.072	93.4	1.071	0.05	1.250	1.434
	WLAN2.4GHz	802.11g 6Mbps	Front	0mm	Ant 3+4(4)	1	2412	9_Non-RSDB	Open	20.70	21.00	1.072	93.4	1.071	0.05	0.783	0.899
	WLAN2.4GHz	802.11g 6Mbps	Back	0mm	Ant 3+4(3)	1	2412	9_Non-RSDB	Open	20.70	21.00	1.072	93.4	1.071	0.09	1.510	1.733
	WLAN2.4GHz	802.11g 6Mbps	Back	0mm	Ant 3+4(4)	1	2412	9_Non-RSDB	Open	20.70	21.00	1.072	93.4	1.071	0.09	0.994	1.141
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 3+4(3)	1	2412	9_Non-RSDB	Open	20.70	21.00	1.072	93.4	1.071	-0.02	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 3+4(4)	1	2412	9_Non-RSDB	Open	20.70	21.00	1.072	93.4	1.071	-0.02	1.080	1.239
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 3+4(3)	1	2412	9_Non-RSDB	Open	20.70	21.00	1.072	93.4	1.071	-0.14	1.050	1.205
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 3+4(4)	1	2412	9_Non-RSDB	Open	20.70	21.00	1.072	93.4	1.071	-0.14	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Front	0mm	Ant 3+4(3)	1	2412	9_RSDB	Open	20.50	20.50	1.000	93.4	1.071	0.05	1.250	1.339
	WLAN2.4GHz	802.11g 6Mbps	Front	0mm	Ant 3+4(4)	1	2412	9_RSDB	Open	20.70	21.00	1.072	93.4	1.071	0.05	0.783	0.899
	WLAN2.4GHz	802.11g 6Mbps	Back	0mm	Ant 3+4(3)	1	2412	9_RSDB	Open	20.50	20.50	1.000	93.4	1.071	0.09	1.510	1.617
	WLAN2.4GHz	802.11g 6Mbps	Back	0mm	Ant 3+4(4)	1	2412	9_RSDB	Open	20.70	21.00	1.072	93.4	1.071	0.09	0.994	1.141
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 3+4(3)	1	2412	9_RSDB	Open	20.50	20.50	1.000	93.4	1.071	-0.02	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 3+4(4)	1	2412	9_RSDB	Open	20.70	21.00	1.072	93.4	1.071	-0.02	1.080	1.239
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 3+4(3)	1	2412	9_RSDB	Open	20.50	20.50	1.000	93.4	1.071	-0.14	1.050	1.125
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 3+4(4)	1	2412	9_RSDB	Open	20.70	21.00	1.072	93.4	1.071	-0.14	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Front	0mm	Ant 3+4(3)	1	2412	8_Non-RSDB	Open	19.00	19.00	1.000	93.4	1.071	0.12	0.600	0.643
	WLAN2.4GHz	802.11g 6Mbps	Front	0mm	Ant 3+4(4)	1	2412	8_Non-RSDB	Open	20.00	20.00	1.000	93.4	1.071	0.12	0.779	0.834
	WLAN2.4GHz	802.11g 6Mbps	Back	0mm	Ant 3+4(3)	1	2412	8_Non-RSDB	Open	19.00	19.00	1.000	93.4	1.071	-0.14	0.945	1.012
	WLAN2.4GHz	802.11g 6Mbps	Back	0mm	Ant 3+4(4)	1	2412	8_Non-RSDB	Open	20.00	20.00	1.000	93.4	1.071	-0.14	0.784	0.840
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 3+4(3)	1	2412	8_Non-RSDB	Open	19.00	19.00	1.000	93.4	1.071	-0.16	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 3+4(4)	1	2412	8_Non-RSDB	Open	20.00	20.00	1.000	93.4	1.071	-0.16	1.050	1.125
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 3+4(3)	1	2412	8_Non-RSDB	Open	19.00	19.00	1.000	93.4	1.071	0	0.536	0.574
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 3+4(4)	1	2412	8_Non-RSDB	Open	20.00	20.00	1.000	93.4	1.071	0	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Front	0mm	Ant 3+4(3)	1	2412	8_RSDB	Open	15.50	15.50	1.000	93.4	1.071	0.18	0.328	0.351
	WLAN2.4GHz	802.11g 6Mbps	Front	0mm	Ant 3+4(4)	1	2412	8_RSDB	Open	17.00	17.00	1.000	93.4	1.071	0.18	0.395	0.423
	WLAN2.4GHz	802.11g 6Mbps	Back	0mm	Ant 3+4(3)	1	2412	8_RSDB	Open	15.50	15.50	1.000	93.4	1.071	0.08	0.545	0.584
	WLAN2.4GHz	802.11g 6Mbps	Back	0mm	Ant 3+4(4)	1	2412	8_RSDB	Open	17.00	17.00	1.000	93.4	1.071	0.08	0.517	0.554
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 3+4(3)	1	2412	8_RSDB	Open	15.50	15.50	1.000	93.4	1.071	-0.03	0.001	0.001
	WLAN2.4GHz	802.11g 6Mbps	Right Side	0mm	Ant 3+4(4)	1	2412	8_RSDB	Open	17.00	17.00	1.000	93.4	1.071	-0.03	0.620	0.664
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 3+4(3)	1	2412	8_RSDB	Open	15.50	15.50	1.000	93.4	1.071	0.11	0.408	0.437
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 3+4(4)	1	2412	8_RSDB	Open	17.00	17.00	1.000	93.4	1.071	0.11	0.001	0.001



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Power State	Mode	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)
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(3)	54	5270	10/9_Non-RSDB	Open	19.10	19.50	1.096	96.79	1.033	0.03	0.696	0.788
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(4)	54	5270	10/9_Non-RSDB	Open	19.70	20.00	1.072	96.79	1.033	0.03	0.311	0.344
142	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(3)	54	5270	10/9_Non-RSDB	Open	19.10	19.50	1.096	96.79	1.033	-0.11	2.590	2.934
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(4)	54	5270	10/9_Non-RSDB	Open	19.70	20.00	1.072	96.79	1.033	-0.11	0.718	0.795
	WLAN5GHz	802.11n-HT20 MCS0	Back	0mm	Ant 3+4(3)	60	5300	10/9_Non-RSDB	Open	19.30	19.50	1.047	93.06	1.075	-0.13	1.910	2.150
	WLAN5GHz	802.11n-HT20 MCS0	Back	0mm	Ant 3+4(4)	60	5300	10/9_Non-RSDB	Open	19.60	20.00	1.096	93.06	1.075	-0.13	0.500	0.589
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(3)	54	5270	10/9_Non-RSDB	Open	19.10	19.50	1.096	96.79	1.033	-0.04	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(4)	54	5270	10/9_Non-RSDB	Open	19.70	20.00	1.072	96.79	1.033	-0.04	1.020	1.129
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(3)	54	5270	10/9_Non-RSDB	Open	19.10	19.50	1.096	96.79	1.033	0.12	0.379	0.429
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(4)	54	5270	10/9_Non-RSDB	Open	19.70	20.00	1.072	96.79	1.033	0.12	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(3)	54	5270	9_RSDB	Open	17.00	17.50	1.122	96.79	1.033	-0.19	0.445	0.516
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(4)	54	5270	9_RSDB	Open	19.70	20.00	1.072	96.79	1.033	-0.19	0.313	0.346
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(3)	54	5270	9_RSDB	Open	17.00	17.50	1.122	96.79	1.033	0.04	1.680	1.947
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(4)	54	5270	9_RSDB	Open	19.70	20.00	1.072	96.79	1.033	0.04	0.641	0.710
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(3)	54	5270	9_RSDB	Open	17.00	17.50	1.122	96.79	1.033	-0.15	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(4)	54	5270	9_RSDB	Open	19.70	20.00	1.072	96.79	1.033	-0.15	0.936	1.036
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(3)	54	5270	9_RSDB	Open	17.00	17.50	1.122	96.79	1.033	-0.01	0.274	0.318
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(4)	54	5270	9_RSDB	Open	19.70	20.00	1.072	96.79	1.033	-0.01	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(3)	54	5270	8_Non-RSDB	Open	13.50	13.50	1.000	96.79	1.033	-0.09	0.194	0.200
	WLAN5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 3+4(4)	54	5270	8_Non-RSDB	Open	17.90	18.00	1.023	96.79	1.033	-0.09	0.185	0.196
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(3)	54	5270	8_Non-RSDB	Open	13.50	13.50	1.000	96.79	1.033	0.18	0.677	0.699
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(4)	54	5270	8_Non-RSDB	Open	17.90	18.00	1.023	96.79	1.033	0.18	0.430	0.455
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(3)	54	5270	8_Non-RSDB	Open	13.50	13.50	1.000	96.79	1.033	-0.01	0.001	0.001
	WLAN5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 3+4(4)	54	5270	8_Non-RSDB	Open	17.90	18.00	1.023	96.79	1.033	-0.01	0.669	0.707
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(3)	54	5270	8_Non-RSDB	Open	13.50	13.50	1.000	96.79	1.033	-0.06	0.123	0.127
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(4)	54	5270	8_Non-RSDB	Open	17.90	18.00	1.023	96.79	1.033	-0.06	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	58	5290	8_RSDB	Open	11.50	11.50	1.000	96.79	1.033	-0.09	0.126	0.130
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	58	5290	8_RSDB	Open	15.90	16.00	1.023	96.79	1.033	-0.09	0.123	0.130
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	58	5290	8_RSDB	Open	11.50	11.50	1.000	96.79	1.033	0.18	0.441	0.456
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	58	5290	8_RSDB	Open	15.90	16.00	1.023	96.79	1.033	0.18	0.287	0.303
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	58	5290	8_RSDB	Open	11.50	11.50	1.000	96.79	1.033	-0.01	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	58	5290	8_RSDB	Open	15.90	16.00	1.023	96.79	1.033	-0.01	0.446	0.471
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	58	5290	8_RSDB	Open	11.50	11.50	1.000	96.79	1.033	-0.06	0.080	0.083
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	58	5290	8_RSDB	Open	15.90	16.00	1.023	96.79	1.033	-0.06	0.001	0.001







Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Power State	Mode	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)
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	155	5775	10/9_Non-RSDB	Open	19.40	20.00	1.148	93.42	1.070	0.06	0.777	0.955
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	155	5775	10/9_Non-RSDB	Open	19.50	20.00	1.122	93.42	1.070	0.06	0.339	0.407
144	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	155	5775	10/9_Non-RSDB	Open	19.40	20.00	1.148	93.42	1.070	-0.13	2.140	2.629
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	155	5775	10/9_Non-RSDB	Open	19.50	20.00	1.122	93.42	1.070	-0.13	0.612	0.735
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(3)	151	5755	10/9_Non-RSDB	Open	18.30	18.50	1.047	93.42	1.070	0.02	2.020	2.263
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(4)	151	5755	10/9_Non-RSDB	Open	18.30	18.50	1.047	93.42	1.070	0.02	0.589	0.660
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	155	5775	10/9_Non-RSDB	Open	19.40	20.00	1.148	93.42	1.070	-0.05	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	155	5775	10/9_Non-RSDB	Open	19.50	20.00	1.122	93.42	1.070	-0.05	0.455	0.546
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	155	5775	10/9_Non-RSDB	Open	19.40	20.00	1.148	93.42	1.070	-0.15	1.930	2.371
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	155	5775	10/9_Non-RSDB	Open	19.50	20.00	1.122	93.42	1.070	-0.15	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	155	5775	9_RSDB	Open	18.00	18.50	1.122	93.42	1.070	-0.02	0.566	0.680
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	155	5775	9_RSDB	Open	19.50	20.00	1.122	93.42	1.070	-0.02	0.351	0.421
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	155	5775	9_RSDB	Open	18.00	18.50	1.122	93.42	1.070	-0.18	1.560	1.873
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	155	5775	9_RSDB	Open	19.50	20.00	1.122	93.42	1.070	-0.18	0.545	0.654
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	155	5775	9_RSDB	Open	18.00	18.50	1.122	93.42	1.070	0.09	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	155	5775	9_RSDB	Open	19.50	20.00	1.122	93.42	1.070	0.09	0.460	0.552
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	155	5775	9_RSDB	Open	18.00	18.50	1.122	93.42	1.070	-0.19	1.410	1.693
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	155	5775	9_RSDB	Open	19.50	20.00	1.122	93.42	1.070	-0.19	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	155	5775	8_Non-RSDB	Open	13.60	14.00	1.096	93.42	1.070	-0.19	0.201	0.236
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	155	5775	8_Non-RSDB	Open	19.50	20.00	1.122	93.42	1.070	-0.19	0.342	0.411
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	155	5775	8_Non-RSDB	Open	13.60	14.00	1.096	93.42	1.070	-0.16	0.550	0.645
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	155	5775	8_Non-RSDB	Open	19.50	20.00	1.122	93.42	1.070	-0.16	0.469	0.563
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	155	5775	8_Non-RSDB	Open	13.60	14.00	1.096	93.42	1.070	0.06	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	155	5775	8_Non-RSDB	Open	19.50	20.00	1.122	93.42	1.070	0.06	0.452	0.543
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	155	5775	8_Non-RSDB	Open	13.60	14.00	1.096	93.42	1.070	-0.07	0.465	0.546
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	155	5775	8_Non-RSDB	Open	19.50	20.00	1.122	93.42	1.070	-0.07	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(3)	155	5775	8_RSDB	Open	12.10	12.50	1.096	93.42	1.070	-0.19	0.167	0.196
	WLAN5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 3+4(4)	155	5775	8_RSDB	Open	19.50	19.50	1.000	93.42	1.070	-0.19	0.326	0.349
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	155	5775	8_RSDB	Open	12.10	12.50	1.096	93.42	1.070	-0.16	0.414	0.486
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	155	5775	8_RSDB	Open	19.50	19.50	1.000	93.42	1.070	-0.16	0.408	0.437
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(3)	155	5775	8_RSDB	Open	12.10	12.50	1.096	93.42	1.070	0.06	0.001	0.001
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 3+4(4)	155	5775	8_RSDB	Open	19.50	19.50	1.000	93.42	1.070	0.06	0.431	0.461
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(3)	155	5775	8_RSDB	Open	12.10	12.50	1.096	93.42	1.070	-0.07	0.386	0.453
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 3+4(4)	155	5775	8_RSDB	Open	19.50	19.50	1.000	93.42	1.070	-0.07	0.001	0.001



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Power State	Mode	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)
145	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(3)	163	5815	10/9_Non-RSDB	Open	19.50	20.00	1.122	91.94	1.088	0.04	0.811	0.990
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(4)	163	5815	10/9_Non-RSDB	Open	19.70	20.00	1.072	91.94	1.088	0.04	0.348	0.406
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(3)	163	5815	10/9_Non-RSDB	Open	19.50	20.00	1.122	91.94	1.088	-0.06	1.710	2.087
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(4)	163	5815	10/9_Non-RSDB	Open	19.70	20.00	1.072	91.94	1.088	-0.06	0.511	0.596
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	171	5855	10/9_Non-RSDB	Open	19.50	20.00	1.122	93.42	1.070	0.04	1.580	1.897
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	171	5855	10/9_Non-RSDB	Open	19.60	20.00	1.096	93.42	1.070	0.04	0.479	0.562
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(3)	163	5815	10/9_Non-RSDB	Open	19.50	20.00	1.122	91.94	1.088	-0.05	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(4)	163	5815	10/9_Non-RSDB	Open	19.70	20.00	1.072	91.94	1.088	-0.05	0.397	0.463
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(3)	163	5815	10/9_Non-RSDB	Open	19.50	20.00	1.122	91.94	1.088	-0.11	1.590	1.941
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(4)	163	5815	10/9_Non-RSDB	Open	19.70	20.00	1.072	91.94	1.088	-0.11	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(3)	163	5815	9_RSDB	Open	18.10	18.50	1.096	91.94	1.088	0.18	0.592	0.706
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(4)	163	5815	9_RSDB	Open	19.70	20.00	1.072	91.94	1.088	0.18	0.335	0.391
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(3)	163	5815	9_RSDB	Open	18.10	18.50	1.096	91.94	1.088	-0.17	1.260	1.503
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(4)	163	5815	9_RSDB	Open	19.70	20.00	1.072	91.94	1.088	-0.17	0.488	0.569
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(3)	163	5815	9_RSDB	Open	18.10	18.50	1.096	91.94	1.088	-0.05	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(4)	163	5815	9_RSDB	Open	19.70	20.00	1.072	91.94	1.088	-0.05	0.396	0.462
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(3)	163	5815	9_RSDB	Open	18.10	18.50	1.096	91.94	1.088	0.06	1.160	1.384
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(4)	163	5815	9_RSDB	Open	19.70	20.00	1.072	91.94	1.088	0.06	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(3)	163	5815	8_Non-RSDB	Open	13.50	14.00	1.122	91.94	1.088	-0.05	0.270	0.330
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(4)	163	5815	8_Non-RSDB	Open	19.70	20.00	1.072	91.94	1.088	-0.05	0.354	0.413
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(3)	163	5815	8_Non-RSDB	Open	13.50	14.00	1.122	91.94	1.088	-0.03	0.345	0.421
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(4)	163	5815	8_Non-RSDB	Open	19.70	20.00	1.072	91.94	1.088	-0.03	0.481	0.561
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(3)	163	5815	8_Non-RSDB	Open	13.50	14.00	1.122	91.94	1.088	0.09	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(4)	163	5815	8_Non-RSDB	Open	19.70	20.00	1.072	91.94	1.088	0.09	0.384	0.448
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(3)	163	5815	8_Non-RSDB	Open	13.50	14.00	1.122	91.94	1.088	0.15	0.426	0.520
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(4)	163	5815	8_Non-RSDB	Open	19.70	20.00	1.072	91.94	1.088	0.15	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(3)	163	5815	8_RSDB	Open	12.50	12.50	1.000	91.94	1.088	0.02	0.200	0.218
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 3+4(4)	163	5815	8_RSDB	Open	18.65	19.50	1.216	91.94	1.088	0.02	0.289	0.382
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(3)	163	5815	8_RSDB	Open	12.50	12.50	1.000	91.94	1.088	0.08	0.311	0.338
	WLAN5GHz	802.11ac-VHT160 MCS0	Back	0mm	Ant 3+4(4)	163	5815	8_RSDB	Open	18.65	19.50	1.216	91.94	1.088	0.08	0.376	0.498
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(3)	163	5815	8_RSDB	Open	12.50	12.50	1.000	91.94	1.088	0.11	0.001	0.001
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 3+4(4)	163	5815	8_RSDB	Open	18.65	19.50	1.216	91.94	1.088	0.11	0.314	0.415
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(3)	163	5815	8_RSDB	Open	12.50	12.50	1.000	91.94	1.088	-0.05	0.395	0.430
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 3+4(4)	163	5815	8_RSDB	Open	18.65	19.50	1.216	91.94	1.088	-0.05	0.001	0.001



<6GHz WLANSAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Power State	Mode	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)	Measured APD (W/m <sup>2</sup> )	Reported APD (W/m <sup>2</sup> )
146	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 3+4(3)	207	6985	10/9/8_Non-RSDB	Open	13.00	13.00	1.000	90.57	1.104	-0.1	0.475	0.524	11.29	12.464
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 3+4(4)	207	6985	10/9/8_Non-RSDB	Open	13.00	13.00	1.000	90.57	1.104	-0.1	0.042	0.046	0.992	1.095
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	207	6985	10/9/8_Non-RSDB	Open	13.00	13.00	1.000	90.57	1.104	0	0.631	0.697	15	16.560
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	207	6985	10/9/8_Non-RSDB	Open	13.00	13.00	1.000	90.57	1.104	0	0.149	0.164	3.52	3.886
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	15	6025	10/9/8_Non-RSDB	Open	12.00	13.50	1.413	90.57	1.104	0.07	0.352	0.549	8.36	13.037
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	15	6025	10/9/8_Non-RSDB	Open	12.50	13.50	1.259	90.57	1.104	0.07	0.123	0.171	2.9	4.031
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	47	6185	10/9/8_Non-RSDB	Open	12.20	13.00	1.202	90.57	1.104	-0.17	0.414	0.550	9.84	13.061
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	47	6185	10/9/8_Non-RSDB	Open	12.50	13.00	1.122	90.57	1.104	-0.17	0.104	0.129	2.45	3.035
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	111	6505	10/9/8_Non-RSDB	Open	11.40	11.50	1.023	90.57	1.104	0.15	0.309	0.349	7.34	8.292
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	111	6505	10/9/8_Non-RSDB	Open	11.50	11.50	1.000	90.57	1.104	0.15	0.088	0.097	2.07	2.285
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	143	6665	10/9/8_Non-RSDB	Open	10.40	11.50	1.288	90.57	1.104	-0.19	0.216	0.307	5.13	7.296
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	143	6665	10/9/8_Non-RSDB	Open	11.00	11.50	1.122	90.57	1.104	-0.19	0.049	0.061	1.15	1.425
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 3+4(3)	207	6985	10/9/8_Non-RSDB	Open	13.00	13.00	1.000	90.57	1.104	0.16	0.099	0.109	2.35	2.594
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 3+4(4)	207	6985	10/9/8_Non-RSDB	Open	13.00	13.00	1.000	90.57	1.104	0.16	0.087	0.096	2.05	2.263
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(3)	207	6985	10/9/8_Non-RSDB	Open	13.00	13.00	1.000	90.57	1.104	-0.03	0.180	0.199	4.27	4.714
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	207	6985	10/9/8_Non-RSDB	Open	13.00	13.00	1.000	90.57	1.104	-0.03	0.016	0.018	0.377	0.416
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 3+4(3)	15	6025	8_RSDB	Open	12.00	13.00	1.259	90.57	1.104	-0.1	0.241	0.335	11.29	15.691
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 3+4(4)	15	6025	8_RSDB	Open	12.50	13.00	1.122	90.57	1.104	-0.1	0.033	0.041	0.992	1.229
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	15	6025	8_RSDB	Open	12.00	13.00	1.259	90.57	1.104	0.07	0.352	0.489	8.36	11.619
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	15	6025	8_RSDB	Open	12.50	13.00	1.122	90.57	1.104	0.07	0.123	0.152	2.9	3.592
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	207	6985	8_RSDB	Open	11.50	11.50	1.000	90.57	1.104	0	0.431	0.476	15	16.560
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	207	6985	8_RSDB	Open	11.30	11.50	1.047	90.57	1.104	0	0.101	0.117	3.52	4.069
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	47	6185	8_RSDB	Open	12.20	12.50	1.072	90.57	1.104	-0.17	0.411	0.486	9.84	11.640
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	47	6185	8_RSDB	Open	12.50	12.50	1.000	90.57	1.104	-0.17	0.104	0.115	2.45	2.705
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	111	6505	8_RSDB	Open	11.40	11.50	1.023	90.57	1.104	0.15	0.309	0.349	7.34	8.292
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	111	6505	8_RSDB	Open	11.50	11.50	1.000	90.57	1.104	0.15	0.088	0.097	2.07	2.285
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(3)	143	6665	8_RSDB	Open	10.40	11.50	1.288	90.57	1.104	-0.19	0.216	0.307	5.13	7.296
	WLAN6GHz	802.11ax-HE160 MCS0	Back	0mm	Ant 3+4(4)	143	6665	8_RSDB	Open	11.00	11.50	1.122	90.57	1.104	-0.19	0.049	0.061	1.15	1.425
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 3+4(3)	15	6025	8_RSDB	Open	12.00	13.00	1.259	90.57	1.104	0.16	0.077	0.107	2.35	3.266
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 3+4(4)	15	6025	8_RSDB	Open	12.50	13.00	1.122	90.57	1.104	0.16	0.068	0.084	2.05	2.539
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(3)	15	6025	8_RSDB	Open	12.00	13.00	1.259	90.57	1.104	-0.03	0.141	0.196	4.27	5.935
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	0mm	Ant 3+4(4)	15	6025	8_RSDB	Open	12.50	13.00	1.122	90.57	1.104	-0.03	0.013	0.016	0.377	0.467



<Bluetooth SAR>

Table with 18 columns: Plot No., Band, Mode, Test Position, Gap (mm), Antenna, Ch., Freq. (MHz), Power State, Mode, 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). The table contains multiple rows of test data for various Bluetooth configurations.



<NFC SAR>

Plot No.	Band	Test Position	Gap (mm)	Freq. (MHz)	Power Drift (dB)	Measured 10g SAR (W/kg)
	NFC (Close mode)	Front	0mm	13.56	-0.02	0.001
	NFC (Close mode)	Back	0mm	13.56	-0.01	0.022
	NFC (Close mode)	Left Side	0mm	13.56	0	0.001
	NFC (Close mode)	Right Side	0mm	13.56	-0.01	0.001
148	NFC (Open mode)	Front	0mm	13.56	-0.03	0.022
	NFC (Open mode)	Back	0mm	13.56	-0.1	0.001
	NFC (Open mode)	Right Side	0mm	13.56	-0.16	0.001



15.5 6GHz PD Test Result

Table with 14 columns: Band, Mode, Test Position, Test Position, Gap (mm), Antenna, Ch., Freq. (MHz), Power Index, Average Power (dBm), Grid Step (λ), iPDn, iPD ratio (≥ -1), Normal psPD (W/m^2), Total psPD (W/m^2)

Table with 20 columns: Plot No., Band, Mode, Test Position, Mode, Gap (mm), Antenna, Ch., Freq. (MHz), Power Index, Average Power (dBm), Tune-Up Limit (dBm), Tune-Up Scaling Factor, Duty Cycle %, Duty Cycle Scaling Factor, Grid Step (λ), Scaling Factor for Measurement Uncertainty, Power Drift (dB), Normal psPD (W/m^2), Scaled Normal psPD (W/m^2), Total psPD (W/m^2), Scaled Total psPD (W/m^2)

Table with 20 columns: Plot No., Band, Mode, Test Position, Mode, Gap (mm), Antenna, Ch., Freq. (MHz), Power Index, Average Power (dBm), Tune-Up Limit (dBm), Tune-Up Scaling Factor, Duty Cycle %, Duty Cycle Scaling Factor, Grid Step (λ), Scaling Factor for Measurement Uncertainty, Power Drift (dB), Normal psPD (W/m^2), Scaled Normal psPD (W/m^2), Total psPD (W/m^2), Scaled Total psPD (W/m^2)



15.6 Repeated SAR Measurement

No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Test Position	Gap (mm)	Power Index	Mode	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	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	7	Open	23095	707.5	24.53	25.50	1.250	-0.01	0.943	-	1.179
2nd	LTE Band 12_Ant 1	10M	QPSK	1	0	Right Cheek	0mm	7	Open	23095	707.5	24.53	25.50	1.250	0.03	0.895	1.05	1.119
1st	FR1 n5_Ant 1	20M	BPSK	1	53	Right Cheek	0mm	7	Open	167300	836.5	22.03	23.10	1.279	0.03	0.893	-	1.142
2nd	FR1 n5_Ant 1	20M	BPSK	1	53	Right Cheek	0mm	7	Open	167300	836.5	22.03	23.10	1.279	0.04	0.892	1.00	1.141
1st	FR1 n66_Ant 1	40M	BPSK	1	108	Right Cheek	0mm	7	Open	349000	1745	19.60	20.40	1.202	-0.07	0.977	-	1.175
2nd	FR1 n66_Ant 1	40M	BPSK	1	108	Right Cheek	0mm	7	Open	349000	1745	19.60	20.40	1.202	0.06	0.942	1.04	1.133
1st	LTE Band 2_Ant 1	20M	QPSK	1	0	Right Side	10mm	4	Close	19100	1900	20.16	20.20	1.009	0.01	0.967	-	0.976
2nd	LTE Band 2_Ant 1	20M	QPSK	1	0	Right Side	10mm	4	Close	18700	1860	20.10	20.20	1.023	0.19	0.944	1.02	0.966
1st	LTE Band 30_Ant 2	10M	QPSK	1	0	Bottom Side	10mm	9	Open	27710	2310	18.92	19.00	1.019	-0.08	0.976	-	0.994
2nd	LTE Band 30_Ant 2	10M	QPSK	1	0	Bottom Side	10mm	9	Open	27710	2310	18.92	19.00	1.019	0.06	0.946	1.03	0.964
1st	FR1 n77_Ant 2	100M	BPSK	1	137	Bottom Side	10mm	4	Close	633332	3499.98	23.67	24.30	1.156	0.02	0.851	-	0.984
2nd	FR1 n77_Ant 2	100M	BPSK	1	137	Bottom Side	10mm	4	Close	633332	3499.98	23.67	24.30	1.156	0.18	0.832	1.02	0.962
1st	LTE Band 7_Ant 2	20M	QPSK	1	0	Back	10mm	5	Close	21350	2560	19.73	20.70	1.250	-0.03	0.947	-	1.184
2nd	LTE Band 7_Ant 2	20M	QPSK	1	0	Back	10mm	5	Close	21350	2560	19.73	20.70	1.250	-0.07	0.916	1.03	1.145
1st	FR1 n77_Ant 6	100M	BPSK	1	137	Back	10mm	5	Close	656000	3840	24.15	25.10	1.245	-0.17	0.852	-	1.060
2nd	FR1 n77_Ant 6	100M	BPSK	1	137	Back	10mm	5	Close	656000	3840	24.15	25.10	1.245	0.06	0.833	1.02	1.037

No.	Band	Mode	Test Position	Gap (mm)	Power Index	Mode	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)	Ratio	Reported 10g SAR (W/kg)
1st	GSM850_Ant 0	GPRS (4 Tx slots)	Front	0mm	10	Open	189	836.4	28.55	30.00	1.396			-0.03	2.120	-	2.960
2nd	GSM850_Ant 0	GPRS (4 Tx slots)	Front	0mm	10	Open	189	836.4	28.55	30.00	1.396			0.13	2.050	1.03	2.863
1st	LTE Band 2_Ant 1	20M_QPSK_1_0	Back	0mm	10	Open	19100	1900	19.17	20.10	1.239			-0.01	2.380	-	2.948
2nd	LTE Band 2_Ant 1	20M_QPSK_1_0	Back	0mm	10	Open	19100	1900	19.17	20.10	1.239			0.09	2.220	1.07	2.750
1st	LTE Band 30_Ant 0	10M_QPSK_1_0	Right Side	0mm	10	Open	27710	2310	22.49	23.40	1.233			-0.18	2.380	-	2.935
2nd	LTE Band 30_Ant 0	10M_QPSK_1_0	Right Side	0mm	10	Open	27710	2310	22.49	23.40	1.233			0.08	2.300	1.03	2.836
1st	LTE Band 66_Ant 0	20M_QPSK_1_0	Right Side	0mm	10	Open	132572	1770	21.47	22.40	1.239			-0.06	2.360	-	2.924
2nd	LTE Band 66_Ant 0	20M_QPSK_1_0	Right Side	0mm	10	Open	132572	1770	21.47	22.40	1.239			0.17	2.280	1.04	2.824
1st	LTE Band 48_Ant 6	20M_QPSK_1_0	Back	0mm	10	Open	56640	3690	22.08	23.00	1.236	62.9	1.006	-0.11	2.150	-	2.673
2nd	LTE Band 48_Ant 6	20M_QPSK_1_0	Back	0mm	10	Open	56640	3690	22.08	23.00	1.236	62.9	1.006	0.02	2.030	1.06	2.524
1st	LTE Band 48_Ant 2	20M_QPSK_1_0	Back	0mm	10	Open	55340	3560	21.95	22.90	1.245	62.9	1.006	0.12	2.370	-	2.967
2nd	LTE Band 48_Ant 2	20M_QPSK_1_0	Back	0mm	10	Open	55340	3560	21.95	22.90	1.245	62.9	1.006	-0.15	2.230	1.06	2.792
1st	FR1 n7_Ant 0	50M_BPSK_1_1	Right Side	0mm	10	Open	507000	2535	24.16	25.00	1.213			-0.09	2.430	-	2.949
2nd	FR1 n7_Ant 0	50M_BPSK_1_1	Right Side	0mm	10	Open	507000	2535	24.16	25.00	1.213			0.1	2.350	1.03	2.851
1st	FR1 n77_Ant 1	100M_BPSK_1_137	Back	0mm	10	Open	656000	3840	24.18	25.30	1.294			-0.07	2.030	-	2.627
2nd	FR1 n77_Ant 1	100M_BPSK_1_137	Back	0mm	10	Open	656000	3840	24.18	25.30	1.294			-0.06	1.920	1.06	2.485





No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Power State	Mode	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	11	2462	2	Close	20.90	21.00	1.023	99.08	1.009	0.02	0.937	-	0.967
2nd	WLAN2.4GHz	802.11b 1Mbps	Left Tilted	0mm	Ant 3	11	2462	2	Close	20.90	21.00	1.023	99.08	1.009	0.02	0.902	1.03	0.931
1st	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(3)	54	5270	7	Open	12.60	13.50	1.230	96.79	1.033	-0.13	0.914	-	1.162
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(4)	54	5270	7	Open	19.60	20.00	1.096	96.79	1.033	-0.13	0.171	-	0.194
2nd	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(3)	54	5270	7	Open	12.60	13.50	1.230	96.79	1.033	-0.13	0.899	1.02	1.143
	WLAN5GHz	802.11n-HT40 MCS0	Left Cheek	0mm	Ant 3+4(4)	54	5270	7	Open	19.60	20.00	1.096	96.79	1.033	-0.13	0.156	-	0.177
1st	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(3)	134	5670	7	Open	12.40	13.00	1.148	96.79	1.033	-0.03	0.927	-	1.099
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(4)	134	5670	7	Open	19.00	19.50	1.122	96.79	1.033	-0.03	0.155	-	0.180
2nd	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(3)	134	5670	7	Open	12.40	13.00	1.148	96.79	1.033	-0.03	0.911	1.02	1.080
	WLAN5GHz	802.11n-HT40 MCS0	Left Tilted	0mm	Ant 3+4(4)	134	5670	7	Open	19.00	19.50	1.122	96.79	1.033	-0.03	0.142	-	0.165
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	155	5775	7	Open	13.80	14.00	1.047	93.42	1.070	-0.09	1.060	-	1.188
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	155	5775	7	Open	19.50	20.00	1.122	93.42	1.070	-0.09	0.053	-	0.064
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(3)	155	5775	7	Open	13.80	14.00	1.047	93.42	1.070	-0.09	0.999	1.06	1.119
	WLAN5GHz	802.11ac-VHT80 MCS0	Left Tilted	0mm	Ant 3+4(4)	155	5775	7	Open	19.50	20.00	1.122	93.42	1.070	-0.09	0.048	-	0.058
1st	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	163	5815	7	Open	13.50	14.00	1.122	91.94	1.088	0.03	0.849	-	1.036
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	163	5815	7	Open	19.70	20.00	1.072	91.94	1.088	0.03	0.081	-	0.094
2nd	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(3)	163	5815	7	Open	13.50	14.00	1.122	91.94	1.088	0.03	0.801	1.06	0.978
	WLAN5GHz	802.11ac-VHT160 MCS0	Left Tilted	0mm	Ant 3+4(4)	163	5815	7	Open	19.70	20.00	1.072	91.94	1.088	0.03	0.071	-	0.083
1st	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	143	6665	7	Open	18.00	18.50	1.122	90.57	1.104	-0.07	0.858	-	1.063
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	143	6665	7	Open	18.00	18.50	1.122	90.57	1.104	-0.07	0.159	-	0.197
2nd	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(3)	143	6665	7	Open	18.00	18.50	1.122	90.57	1.104	-0.07	0.833	1.03	1.032
	WLAN6GHz	802.11ax-HE160 MCS0	Left Cheek	0mm	Ant 3+4(4)	143	6665	7	Open	18.00	18.50	1.122	90.57	1.104	-0.07	0.138	-	0.171

No.	Band	Mode	Test Position	Gap (mm)	Antenna	Ch.	Freq. (MHz)	Power State	Mode	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)	Ratio	Reported 10g SAR (W/kg)
1st	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	11	2462	9	Open	20.90	21.00	1.023	99.08	1.009	-0.12	2.200	-	2.272
2nd	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 3	11	2462	9	Open	20.90	21.00	1.023	99.08	1.009	-0.12	2.010	1.09	2.075
1st	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(3)	54	5270	10/9	Open	19.10	19.50	1.096	96.79	1.033	-0.11	2.590	-	2.934
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(4)	54	5270	10/9	Open	19.70	20.00	1.072	96.79	1.033	-0.11	0.718	-	0.795
2nd	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(3)	54	5270	10/9	Open	19.10	19.50	1.096	96.79	1.033	-0.11	2.430	1.07	2.752
	WLAN5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 3+4(4)	54	5270	10/9	Open	19.70	20.00	1.072	96.79	1.033	-0.11	0.701	-	0.776
1st	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(3)	134	5670	10/9	Open	18.70	19.50	1.202	96.79	1.033	-0.04	2.260	-	2.807
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(4)	134	5670	10/9	Open	19.00	19.50	1.122	96.79	1.033	-0.04	0.001	-	0.001
2nd	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(3)	134	5670	10/9	Open	18.70	19.50	1.202	96.79	1.033	-0.04	2.120	1.07	2.633
	WLAN5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 3+4(4)	134	5670	10/9	Open	19.00	19.50	1.122	96.79	1.033	-0.04	0.001	-	0.001
1st	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	155	5775	10/9	Open	19.40	20.00	1.148	93.42	1.070	-0.13	2.140	-	2.629
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	155	5775	10/9	Open	19.50	20.00	1.122	93.42	1.070	-0.13	0.612	-	0.735
2nd	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(3)	155	5775	10/9	Open	19.40	20.00	1.148	93.42	1.070	-0.13	2.020	1.06	2.482
	WLAN5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 3+4(4)	155	5775	10/9	Open	19.50	20.00	1.122	93.42	1.070	-0.13	0.600	-	0.720

**General Note:**

- Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is  $\geq 0.8W/kg$ .
- Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is  $\leq 1.2$  and the measured SAR  $< 1.45W/kg$ , only one repeated measurement is required.
- 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.
- The ratio is the difference in percentage between original and repeated *measured SAR*.
- All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.



**15.7 LTE Band 38/41 Power Class 2 and Power Class 3 Linearity**

This device support Power Class 2 and Power Class 3 operations for LTE Band 38/41. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg, Separate SAR testing for Power Class 2 is not required  
 Use PC3 power level and SAR to estimated PC2 SAR linearly, and check if the deviation from the measured PC2 SAR is <10%

**<Closed mode>**

**<LTE Band 38/41 Linearity Data for Head>**

	LTE Band 38_Ant 2	LTE Band 38_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.7	27.4
Reported 1g SAR (W/kg)	0.112	0.115
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	235.18	237.95
Linearity SAR(W/kg)	0.11	
% deviation from expected linearity		1.48%

	LTE Band 38_Ant 0	LTE Band 38_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.7	27.4
Reported 1g SAR (W/kg)	0.216	0.217
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	235.18	237.95
Linearity SAR(W/kg)	0.22	
% deviation from expected linearity		-0.71%

	LTE Band 41_Ant 2	LTE Band 41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.106	0.115
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	219.48	237.95
Linearity SAR(W/kg)	0.11	
% deviation from expected linearity		0.07%

	LTE Band 41_Ant 0	LTE Band 41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.193	0.209
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	219.48	237.95
Linearity SAR(W/kg)	0.21	
% deviation from expected linearity		-0.11%

**<LTE Band 38/41 Linearity Data for Hotspot>**

	LTE Band 38_Ant 0	LTE Band 38_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.7	27.4
Reported 1g SAR (W/kg)	0.605	0.606
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	235.18	237.95
Linearity SAR(W/kg)	0.61	
% deviation from expected linearity		-1.00%

	LTE Band 41/38_Ant 2	LTE Band 41/38_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.9	22.5
Reported 1g SAR (W/kg)	0.945	0.935
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	77.88	77.00
Linearity SAR(W/kg)	0.93	
% deviation from expected linearity		0.07%

	LTE Band 41_Ant 0	LTE Band 41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.615	0.632
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	219.48	237.95
Linearity SAR(W/kg)	0.67	
% deviation from expected linearity		-5.21%

**<LTE Band 38/41 Linearity Data for Body-worn>**

	LTE Band 38_Ant 0	LTE Band 38_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.7	27.4
Reported 1g SAR (W/kg)	0.605	0.606
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	235.18	237.95
Linearity SAR(W/kg)	0.61	
% deviation from expected linearity		-1.00%

	LTE Band 41/38_Ant 2	LTE Band 41/38_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	23.1	24.7
Reported 1g SAR (W/kg)	1.054	1.084
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	129.24	127.79
Linearity SAR(W/kg)	1.04	
% deviation from expected linearity		4.02%

	LTE Band 41_Ant 0	LTE Band 41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.615	0.632
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	219.48	237.95
Linearity SAR(W/kg)	0.67	
% deviation from expected linearity		-5.21%

**<Open mode>**

**<LTE Band 38/41 Linearity Data for Head>**

	LTE Band 38_Ant 2	LTE Band 38_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.7	27.4
Reported 1g SAR (W/kg)	0.122	0.128
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	235.18	237.95
Linearity SAR(W/kg)	0.12	
% deviation from expected linearity		3.70%

	LTE Band 38_Ant 0	LTE Band 38_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.7	27.4
Reported 1g SAR (W/kg)	0.29	0.281
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	235.18	237.95
Linearity SAR(W/kg)	0.29	
% deviation from expected linearity		-4.23%

	LTE Band 41_Ant 2	LTE Band 41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.127	0.138
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	219.48	237.95
Linearity SAR(W/kg)	0.14	
% deviation from expected linearity		0.23%

	LTE Band 41_Ant 0	LTE Band 41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.462	0.462
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	219.48	237.95
Linearity SAR(W/kg)	0.50	
% deviation from expected linearity		-7.76%



**<LTE Band 38/41 Linearity Data for Hotspot>**

	LTE Band 41/38_Ant 2	LTE Band 41/38_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.3	21.9
Reported 1g SAR (W/kg)	0.927	0.837
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	67.83	67.06
Linearity SAR(W/kg)	0.92	
% deviation from expected linearity		-8.68%

	LTE Band 41/38_Ant 0	LTE Band 41/38_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.5	26.1
Reported 1g SAR (W/kg)	0.979	0.884
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	178.40	176.40
Linearity SAR(W/kg)	0.97	
% deviation from expected linearity		-8.68%

**<LTE Band 38/41 Linearity Data for Body-worn>**

	LTE Band 41/38_Ant 2	LTE Band 41/38_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22	23.6
Reported 1g SAR (W/kg)	0.867	0.787
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	100.32	99.19
Linearity SAR(W/kg)	0.86	
% deviation from expected linearity		-8.19%

	LTE Band 41/38_Ant 0	LTE Band 41/38_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.3	26.9
Reported 1g SAR (W/kg)	1.176	1.063
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	214.49	212.07
Linearity SAR(W/kg)	1.16	
% deviation from expected linearity		-8.58%



<LTE Band 38/41 Linearity Data for Product Specific>

	LTE Band 41/38_Ant 2	LTE Band 41/38_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22	23.6
Reported 10g SAR (W/kg)	2.851	2.584
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	100.32	99.19
Linearity SAR(W/kg)	2.82	
% deviation from expected linearity		-8.33%

	LTE Band 41/38_Ant 0	LTE Band 41/38_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.3	26.9
Reported 10g SAR (W/kg)	2.079	1.916
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	214.49	212.07
Linearity SAR(W/kg)	2.06	
% deviation from expected linearity		-6.79%



**15.8 FR1 n41/n77 Power Class 2 and Power Class 3 Linearity**

This device support Power Class 2 and Power Class 3 operations for FR1 n41/n77. The highest available duty cycle for Power Class 2 operation is 50% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each FR1 configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg, Separate SAR testing for Power Class 2 is not required. Use PC3 power level and SAR to estimated PC2 SAR linearly, and check if the deviation from the measured PC2 SAR is <10%

**<Closed mode>**

**<FR1 n41 Linearity Data for Head>**

	FR1 n41_Ant 2 (Power Class 3)	FR1 n41_Ant 2 (Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.185	0.149
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	346.74	274.77
Linearity SAR(W/kg)	0.15	
% deviation from expected linearity		1.64%

	FR1 n41_Ant 0 (Power Class 3)	FR1 n41_Ant 0 (Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.121	0.099
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	346.74	274.77
Linearity SAR(W/kg)	0.10	
% deviation from expected linearity		3.25%

	FR1 n41_Ant 1 (Power Class 3)	FR1 n41_Ant 1 (Power Class 2)
Maximum Tune up Power (dBm)	25.2	27.2
Reported 1g SAR (W/kg)	0.524	0.38
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	331.13	262.40
Linearity SAR(W/kg)	0.42	
% deviation from expected linearity		-8.49%

	FR1 n41_Ant 5 (Power Class 3)	FR1 n41_Ant 5 (Power Class 2)
Maximum Tune up Power (dBm)	25.2	27.2
Reported 1g SAR (W/kg)	0.008	0.006
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	331.13	262.40
Linearity SAR(W/kg)	0.01	
% deviation from expected linearity		-5.36%



**<FR1 n77 Linearity Data for Head>**

	FR1 n77O_Ant 6	FR1 n77O_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.1
Reported 1g SAR (W/kg)	0.26	0.21
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	256.43
Linearity SAR(W/kg)	0.21	
% deviation from expected linearity		1.92%

	FR1 n77Q_Ant 6	FR1 n77Q_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.1
Reported 1g SAR (W/kg)	0.439	0.358
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	256.43
Linearity SAR(W/kg)	0.35	
% deviation from expected linearity		2.91%

	FR1 n77O_Ant 2	FR1 n77O_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.7
Reported 1g SAR (W/kg)	0.08	0.066
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	294.42
Linearity SAR(W/kg)	0.07	
% deviation from expected linearity		-9.33%

	FR1 n77Q_Ant 2	FR1 n77Q_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.7
Reported 1g SAR (W/kg)	0.132	0.109
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	294.42
Linearity SAR(W/kg)	0.12	
% deviation from expected linearity		-9.24%

**<FR1 n41 Linearity Data for Hotspot>**

	FR1 n41_Ant 2	FR1 n41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	18.6	21.6
Reported 1g SAR (W/kg)	0.875	0.926
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	72.44	72.27
Linearity SAR(W/kg)	0.87	
% deviation from expected linearity		6.08%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.768	0.564
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	346.74	274.77
Linearity SAR(W/kg)	0.61	
% deviation from expected linearity		-7.33%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.2	27.2
Reported 1g SAR (W/kg)	0.485	0.374
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	331.13	262.40
Linearity SAR(W/kg)	0.38	
% deviation from expected linearity		-2.69%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22	25
Reported 1g SAR (W/kg)	0.914	0.922
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	158.49	158.11
Linearity SAR(W/kg)	0.91	
% deviation from expected linearity		1.11%



**<FR1 n77 Linearity Data for Hotspot>**

	FR1 n77O_Ant 6	FR1 n77O_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.3	27.1
Reported 1g SAR (W/kg)	0.99	0.91
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	269.15	256.43
Linearity SAR(W/kg)	0.94	
% deviation from expected linearity		-3.52%

	FR1 n77Q_Ant 6	FR1 n77Q_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.3	27.1
Reported 1g SAR (W/kg)	0.684	0.642
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	269.15	256.43
Linearity SAR(W/kg)	0.65	
% deviation from expected linearity		-1.48%

	FR1 n77O_Ant 2	FR1 n77O_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.3	27.3
Reported 1g SAR (W/kg)	0.538	0.529
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	269.15	268.52
Linearity SAR(W/kg)	0.54	
% deviation from expected linearity		-1.44%

	FR1 n77Q_Ant 2	FR1 n77Q_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.3	27.3
Reported 1g SAR (W/kg)	0.984	0.922
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	269.15	268.52
Linearity SAR(W/kg)	0.98	
% deviation from expected linearity		-6.08%



**<FR1 n41 Linearity Data for Body-worn>**

	FR1 n41_Ant 2	Head
	(Power Class 3)	Hotspot
Maximum Tune up Power (dBm)	20.7	23.7
Reported 1g SAR (W/kg)	1.152	1.045
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	117.49	117.21
Linearity SAR(W/kg)	1.15	
% deviation from expected linearity		-9.07%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.768	0.564
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	346.74	274.77
Linearity SAR(W/kg)	0.61	
% deviation from expected linearity		-7.33%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.2	27.2
Reported 1g SAR (W/kg)	0.485	0.374
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	331.13	262.40
Linearity SAR(W/kg)	0.38	
% deviation from expected linearity		-2.69%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.8	25.8
Reported 1g SAR (W/kg)	1.099	1.109
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	190.55	190.09
Linearity SAR(W/kg)	1.10	
% deviation from expected linearity		1.15%



**<FR1 n77 Linearity Data for Body-worn>**

	FR1 n77O_Ant 6	FR1 n77O_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.1
Reported 1g SAR (W/kg)	1.06	0.848
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	256.43
Linearity SAR(W/kg)	0.84	
% deviation from expected linearity		0.95%

	FR1 n77Q_Ant 6	FR1 n77Q_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.1
Reported 1g SAR (W/kg)	0.822	0.642
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	256.43
Linearity SAR(W/kg)	0.65	
% deviation from expected linearity		-1.44%

	FR1 n77O_Ant 2	FR1 n77O_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.7
Reported 1g SAR (W/kg)	0.647	0.58
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	294.42
Linearity SAR(W/kg)	0.59	
% deviation from expected linearity		-1.47%

	FR1 n77Q_Ant 2	FR1 n77Q_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.7
Reported 1g SAR (W/kg)	0.78	0.665
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	294.42
Linearity SAR(W/kg)	0.71	
% deviation from expected linearity		-6.30%



**<Open mode>**

**<FR1 n41 Linearity Data for Head>**

	FR1 n41_Ant 2 (Power Class 3)	FR1 n41_Ant 2 (Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.198	0.152
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	346.74	274.77
Linearity SAR(W/kg)	0.16	
% deviation from expected linearity		-3.13%

	FR1 n41_Ant 0 (Power Class 3)	FR1 n41_Ant 0 (Power Class 2)
Maximum Tune up Power (dBm)	25.4	27.4
Reported 1g SAR (W/kg)	0.375	0.296
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	346.74	274.77
Linearity SAR(W/kg)	0.30	
% deviation from expected linearity		-0.39%

	FR1 n41_Ant 1 (Power Class 3)	FR1 n41_Ant 1 (Power Class 2)
Maximum Tune up Power (dBm)	17.7	20.7
Reported 1g SAR (W/kg)	1.125	1.08
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	58.88	58.74
Linearity SAR(W/kg)	1.12	
% deviation from expected linearity		-3.77%

	FR1 n41_Ant 5 (Power Class 3)	FR1 n41_Ant 5 (Power Class 2)
Maximum Tune up Power (dBm)	25.2	27.2
Reported 1g SAR (W/kg)	0.102	0.086
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	331.13	262.40
Linearity SAR(W/kg)	0.08	
% deviation from expected linearity		6.40%



**<FR1 n77 Linearity Data for Head>**

	FR1 n77O_Ant 6	FR1 n77O_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.1
Reported 1g SAR (W/kg)	0.731	0.546
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	256.43
Linearity SAR(W/kg)	0.58	
% deviation from expected linearity		-5.74%

	FR1 n77Q_Ant 6	FR1 n77Q_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.1
Reported 1g SAR (W/kg)	0.715	0.592
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	256.43
Linearity SAR(W/kg)	0.57	
% deviation from expected linearity		4.48%

	FR1 n77O_Ant 2	FR1 n77O_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.7
Reported 1g SAR (W/kg)	0.424	0.391
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	294.42
Linearity SAR(W/kg)	0.39	
% deviation from expected linearity		1.35%

	FR1 n77Q_Ant 2	FR1 n77Q_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	25.1	27.7
Reported 1g SAR (W/kg)	0.321	0.274
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	323.59	294.42
Linearity SAR(W/kg)	0.29	
% deviation from expected linearity		-6.18%

**<FR1 n41 Linearity Data for Hotspot>**

	FR1 n41_Ant 2	FR1 n41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	19	22
Reported 1g SAR (W/kg)	0.996	0.986
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24
Linearity SAR(W/kg)	0.99	
% deviation from expected linearity		-0.77%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24	27
Reported 1g SAR (W/kg)	0.732	0.767
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59
Linearity SAR(W/kg)	0.73	
% deviation from expected linearity		5.03%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.1	25.1
Reported 1g SAR (W/kg)	0.573	0.604
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	162.18	161.80
Linearity SAR(W/kg)	0.57	
% deviation from expected linearity		5.66%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.3	24.3
Reported 1g SAR (W/kg)	0.784	0.801
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	134.90	134.58
Linearity SAR(W/kg)	0.78	
% deviation from expected linearity		2.41%





**<FR1 n77 Linearity Data for Hotspot>**

	FR1 n77O_Ant 6	FR1 n77O_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	19.9	22.9
Reported 1g SAR (W/kg)	0.547	0.535
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	97.72	97.49
Linearity SAR(W/kg)	0.55	
% deviation from expected linearity		-1.96%

	FR1 n77Q_Ant 6	FR1 n77Q_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	19.9	22.9
Reported 1g SAR (W/kg)	0.248	0.231
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	97.72	97.49
Linearity SAR(W/kg)	0.25	
% deviation from expected linearity		-6.63%

	FR1 n77O_Ant 2	FR1 n77O_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.3	24.3
Reported 1g SAR (W/kg)	0.562	0.594
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	134.90	134.58
Linearity SAR(W/kg)	0.56	
% deviation from expected linearity		5.94%

	FR1 n77Q_Ant 2	FR1 n77Q_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	21.3	24.3
Reported 1g SAR (W/kg)	0.63	0.57
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	134.90	134.58
Linearity SAR(W/kg)	0.63	
% deviation from expected linearity		-9.31%

**<FR1 n41 Linearity Data for Body-worn>**

	FR1 n41_Ant 2 (Power Class 3)	FR1 n41_Ant 2 (Power Class 2)
Maximum Tune up Power (dBm)	19.8	22.8
Reported 1g SAR (W/kg)	0.777	0.764
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	95.50	95.27
Linearity SAR(W/kg)	0.78	
% deviation from expected linearity		-1.44%

	FR1 n41_Ant 0 (Power Class 3)	FR1 n41_Ant 0 (Power Class 2)
Maximum Tune up Power (dBm)	24.8	27.4
Reported 1g SAR (W/kg)	0.88	0.841
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	302.00	274.77
Linearity SAR(W/kg)	0.80	
% deviation from expected linearity		5.04%

	FR1 n41_Ant 1 (Power Class 3)	FR1 n41_Ant 1 (Power Class 2)
Maximum Tune up Power (dBm)	22.9	25.9
Reported 1g SAR (W/kg)	0.541	0.592
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	194.98	194.52
Linearity SAR(W/kg)	0.54	
% deviation from expected linearity		9.69%

	FR1 n41_Ant 5 (Power Class 3)	FR1 n41_Ant 5 (Power Class 2)
Maximum Tune up Power (dBm)	21.6	24.6
Reported 1g SAR (W/kg)	0.841	0.859
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	144.54	144.20
Linearity SAR(W/kg)	0.84	
% deviation from expected linearity		2.38%



**<FR1 n77 Linearity Data for Body-worn>**

	FR1 n77O_Ant 6	FR1 n77O_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.7	23.7
Reported 1g SAR (W/kg)	0.658	0.643
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	117.49	117.21
Linearity SAR(W/kg)	0.66	
% deviation from expected linearity		-2.05%

	FR1 n77Q_Ant 6	FR1 n77Q_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.7	23.7
Reported 1g SAR (W/kg)	0.298	0.278
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	117.49	117.21
Linearity SAR(W/kg)	0.30	
% deviation from expected linearity		-6.49%

	FR1 n77O_Ant 2	FR1 n77O_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.1	25.1
Reported 1g SAR (W/kg)	0.676	0.714
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	162.18	161.80
Linearity SAR(W/kg)	0.67	
% deviation from expected linearity		5.87%

	FR1 n77Q_Ant 2	FR1 n77Q_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.1	25.1
Reported 1g SAR (W/kg)	0.744	0.673
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	162.18	161.80
Linearity SAR(W/kg)	0.74	
% deviation from expected linearity		-9.33%



**<FR1 n41 Linearity Data for Product Specific>**

	FR1 n41_Ant 2	FR1 n41_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	19.8	22.8
Reported 10g SAR (W/kg)	2.774	2.556
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	95.50	95.27
Linearity SAR(W/kg)	2.77	
% deviation from expected linearity		-7.64%

	FR1 n41_Ant 0	FR1 n41_Ant 0
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.8	27.4
Reported 10g SAR (W/kg)	2.934	2.572
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	302.00	274.77
Linearity SAR(W/kg)	2.67	
% deviation from expected linearity		-3.65%

	FR1 n41_Ant 1	FR1 n41_Ant 1
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.9	25.9
Reported 10g SAR (W/kg)	2.694	2.7
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	194.98	194.52
Linearity SAR(W/kg)	2.69	
% deviation from expected linearity		0.46%

	FR1 n41_Ant 5	FR1 n41_Ant 5
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.1	25.1
Reported 10g SAR (W/kg)	1.525	1.473
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	162.18	161.80
Linearity SAR(W/kg)	1.52	
% deviation from expected linearity		-3.18%



**<FR1 n77 Linearity Data for Product Specific>**

	FR1 n77Q_Ant 6	FR1 n77Q_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.7	23.7
Reported 10g SAR (W/kg)	2.659	2.645
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	117.49	117.21
Linearity SAR(W/kg)	2.65	
% deviation from expected linearity		-0.29%

	FR1 n77Q_Ant 6	FR1 n77Q_Ant 6
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	20.7	23.7
Reported 10g SAR (W/kg)	2.548	2.413
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	117.49	117.21
Linearity SAR(W/kg)	2.54	
% deviation from expected linearity		-5.07%

	FR1 n77Q_Ant 2	FR1 n77Q_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.1	25.1
Reported 10g SAR (W/kg)	2.699	2.586
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	162.18	161.80
Linearity SAR(W/kg)	2.69	
% deviation from expected linearity		-3.96%

	FR1 n77Q_Ant 2	FR1 n77Q_Ant 2
	(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	22.1	25.1
Reported 10g SAR (W/kg)	2.599	2.401
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	162.18	161.80
Linearity SAR(W/kg)	2.59	
% deviation from expected linearity		-7.40%



### 16. Simultaneous Transmission Analysis

<Closed mode>

Exposure Condition	Tx mode	Capable TX Configurations	WWAN Power <sup>(1)</sup>	WiFi Power	BT Power
Head	WWAN standalone	WWAN	Index 2		
	WiFi standalone	WiFi 2.4G SISO (Ant3 or Ant4)	Index 2	Index 2	
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
	WiFi +BT	WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)	Index 2	Index 1	
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
	WWAN + WiFi	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)	Index 3	Index 1	
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4)			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+4)			
	WWAN + BT	WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)	Index 3		Index 1
		WWAN + Bluetooth (Ant4) (BDR/EDR + BLE)			
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
WWAN + WiFi +BT	WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE)	Index 1	Index 1		
	WWAN + WiFi 5G/6E MIMO (Ant3+ Ant4) + Bluetooth (Ant4)				
	WWAN + WiFi 5G/6E MIMO (Ant3+ Ant4) + Bluetooth (Ant3)				
Body	WWAN standalone	WWAN	Index 5		
	WiFi standalone	WiFi 2.4G SISO (Ant3 or Ant4)	Index 4	Index 4	
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
	BT standalone	WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)	Index 4	Index 3	
		Bluetooth (Ant4)			
		Bluetooth (Ant3)			
	WiFi +BT	Bluetooth (Ant4+3)	Index 5	Index 3	
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
	WWAN + WiFi	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)	Index 6 / Index 4 (Hotspot)	Index 3	
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4)			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+4)			
WWAN + BT	WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)	Index 3	Index 3		
	WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)				
	WWAN + Bluetooth (Ant4) (BDR/EDR + BLE)				
WWAN + WiFi +BT	WWAN + Bluetooth (Ant3) (BDR/EDR Only)	Index 3	Index 2		
	WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE)				
	WWAN + WiFi 5G/6E MIMO (Ant3+4) + Bluetooth (Ant4)				
	WWAN + WiFi 5G/6E MIMO (Ant3+4) + Bluetooth (Ant3)	Index 3	Index 2		
	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)				



<Open mode>

Exposure Condition	Tx mode	Capable TX Configurations	WWAN Power <sup>(1)</sup>	WiFi Power	BT Power
Head	WWAN standalone	WWAN	Index 7		
	WiFi standalone	WiFi 2.4G SISO (Ant3 or Ant4)	Index 7	Index 7	
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)			
	WiFi + BT	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)	Index 7	Index 5	
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index 8	Index 6	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
	WWAN + BT	WWAN + Bluetooth (Ant4) (BDR/EDR + BLE)	Index 8	Index 5	
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE)			
	WWAN + WiFi +BT	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)	Index 6	Index 5	
		WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)					
Body	WWAN standalone	WWAN	Index 10		
	WiFi standalone	WiFi 2.4G SISO (Ant3 or Ant4)	Index 9	Index 9	
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
	BT standalone	Bluetooth (Ant4)	Index 8		
		Bluetooth (Ant3)			
		Bluetooth (Ant4+3)			
	WiFi + BT	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)	Index 10	Index 7	
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)	Index 11 / Index 9 (Hotspot)	Index 8	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
	WWAN + BT	WWAN + Bluetooth (Ant4) (BDR/EDR + BLE)	Index 7		
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE)			
WWAN + WiFi +BT	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)	Index 8	Index 6		
	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)				
	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)				

Exposure Condition	Tx mode	Capable TX Configurations	WWAN Power <sup>(1)</sup>	WiFi Power	BT Power
Extremity	WWAN standalone / WWAN + NFC	WWAN / WWAN + NFC	Index 10		
	WiFi standalone / WLAN + NFC	WiFi 2.4G SISO (Ant3 or Ant4) / WiFi 2.4G SISO (Ant3 or Ant4) + NFC	Index 9		
		WiFi 2.4G MIMO/CDD (Ant4+3) / WiFi 2.4G MIMO/CDD (Ant4+3) + NFC			
		WiFi 5G/6E MIMO (Ant3+4) / WiFi 5G/6E MIMO (Ant3+4) + NFC			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4) / WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4) + NFC			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4) / WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4) + NFC			
	BT standalone / Bluetooth + NFC	Bluetooth (Ant4) / Bluetooth (Ant4) + NFC	Index 8		
		Bluetooth (Ant3) / Bluetooth (Ant3) + NFC			
		Bluetooth (Ant4+3) / Bluetooth (Ant4+3) + NFC			
	NFC standalone	NFC			
	WiFi + BT + NFC	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4) + NFC	Index 10	Index 7	
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3) + NFC			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3) + NFC			
	WWAN + WiFi + NFC	WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + NFC	Index 11 / Index 9 (Hotspot)	Index 8	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + NFC			
		WWAN + WiFi 5G/6E MIMO (Ant3+4) + NFC			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4) + NFC			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4) + NFC			
	WWAN + BT + NFC	WWAN + Bluetooth (Ant4) (BDR/EDR + BLE) + NFC	Index 7		
		WWAN + Bluetooth (Ant3) (BDR/EDR Only) + NFC			
WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE) + NFC					
WWAN + WiFi + BT + NFC	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4) + NFC	Index 8	Index 6		
	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3) + NFC				
	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3) + NFC				

**General Note:**

1. The Sim-Tx configuration combination include in operation description will be match the title in the below Sum-Tx evaluation table.
2. This device only WLAN 2.4GHz / 5.2GHz / 5.8GHz supports Hotspot operation and Bluetooth support tethering applications.
3. The worst case reported SAR from each transmit antennas were using for SAR summation. Therefore, the following summations represent the absolute worst cases for simultaneous transmission configuration.
4. The SAR summation is calculated based on the same exposure configuration and test position from each transmit antenna worst case reported SAR results.
5. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
  - i) Scalar SAR summation < 1.6W/kg.
  - ii)  $SPLSR = (SAR1 + SAR2) \cdot 1.5 / (\text{min. separation distance, mm})$ , 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  $SPLSR \leq 0.04$ , simultaneously transmission SAR measurement is not necessary.
  - iv) Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.



### **16.1 5G NR + LTE + WLAN + BT Sim-Tx analysis**

Samsung proprietary TAS feature manages transmitting power effectively in real time and ensures that overall average RF exposure from 4G/5G NR WWAN including 5G NR EN-DC, and LTE intra-band/inter-band uplink CA are in compliance with FCC requirements, while the RF exposure from 2G, 3G and WLAN/BT radios is managed using the legacy approach, i.e., through a fixed power back-off if needed. The test device features a TAS function to keep average RF exposure below the given limit for all cases while allowing temporarily high power transmission for better performance.

For the 5G NR EN-DC, the power ratio factors are  $g_1$  and  $g_2$  for LTE and NR respectively. The main purpose of these power ratio factors is to split the available SAR budget among different RATs, so  $g_1 + g_2 \leq 1$ . The value of  $g_1$  is computed based on the need of the anchor (LTE) and can be changed if the anchor changes its power request. Based on the SAR Budget portion allocated to the anchor, the value of  $g_2$  will be computed. At steady state (where all RATs are being on for a while), the allocated power ratio factors will guarantee that the total exposure ratio never exceeds the highest exposure of either one.

$$g_1 * LTE_{exposure} + g_2 * NR_{exposure} \leq 1.0,$$
$$\text{then, } g_1 * LTE_{exposure} + g_2 * NR_{exposure} \leq \max ( LTE_{exposure} , NR_{exposure} )$$

In simultaneous transmission for this device, 5G NR including FR1 uplink MIMO and LTE transmission are managed and controlled by Samsung S.LSI TAS, while the RF exposure from WLAN, BT radios are managed using legacy approach, therefore, compliance of simultaneous transmission of LTE+5G NR+WIFI+BT can be justified from the compliance of LTE+WIFI +BT and 5G NR+WIFI+BT



16.2 Head Exposure Conditions

<Closed mode>

<WWAN Index 3, WLAN Index 1, BT Index 1>

WWAN Band	FR1 Band	Exposure Position	1	2	6	9	10	11	1+6+9	1+6+10	1+6+11	2+6+9	2+6+10	2+6+11
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 0 TX0		Right Cheek	0.472		0.180	0.220	0.079	0.217	0.872	0.731	0.869			
		Right Tilted	0.296		0.283	0.236	0.038	0.234	0.815	0.617	0.813			
		Left Cheek	0.256		0.283	0.270	0.101	0.282	0.809	0.640	0.821			
		Left Tilted	0.174		0.212	0.297	0.054	0.256	0.683	0.440	0.642			
GSM1900_Ant 2 TX0		Right Cheek	0.174		0.180	0.220	0.079	0.217	0.574	0.433	0.571			
		Right Tilted	0.108		0.283	0.236	0.038	0.234	0.627	0.429	0.625			
		Left Cheek	0.205		0.283	0.270	0.101	0.282	0.758	0.589	0.770			
		Left Tilted	0.104		0.212	0.297	0.054	0.256	0.613	0.370	0.572			
WCDMA II_Ant 2 TX0		Right Cheek	0.254		0.180	0.220	0.079	0.217	0.654	0.513	0.651			
		Right Tilted	0.107		0.283	0.236	0.038	0.234	0.626	0.428	0.624			
		Left Cheek	0.219		0.283	0.270	0.101	0.282	0.772	0.603	0.784			
		Left Tilted	0.082		0.212	0.297	0.054	0.256	0.591	0.348	0.550			
WCDMA IV_Ant 2 TX0		Right Cheek	0.203		0.180	0.220	0.079	0.217	0.603	0.462	0.600			
		Right Tilted	0.138		0.283	0.236	0.038	0.234	0.657	0.459	0.655			
		Left Cheek	0.176		0.283	0.270	0.101	0.282	0.729	0.560	0.741			
		Left Tilted	0.061		0.212	0.297	0.054	0.256	0.570	0.327	0.529			
WCDMA V_Ant 0 TX0		Right Cheek	0.340		0.180	0.220	0.079	0.217	0.740	0.599	0.737			
		Right Tilted	0.172		0.283	0.236	0.038	0.234	0.691	0.493	0.689			
		Left Cheek	0.171		0.283	0.270	0.101	0.282	0.724	0.555	0.736			
		Left Tilted	0.127		0.212	0.297	0.054	0.256	0.636	0.393	0.595			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Right Cheek	0.111	0.349	0.180	0.220	0.079	0.217	0.511	0.370	0.508	0.749	0.608	0.746
		Right Tilted	0.070	0.188	0.283	0.236	0.038	0.234	0.589	0.391	0.587	0.707	0.509	0.705
		Left Cheek	0.186	0.131	0.283	0.270	0.101	0.282	0.739	0.570	0.751	0.684	0.515	0.696
		Left Tilted	0.157	0.113	0.212	0.297	0.054	0.256	0.666	0.423	0.625	0.622	0.379	0.581
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Right Cheek	0.225	0.071	0.180	0.220	0.079	0.217	0.625	0.484	0.622	0.471	0.330	0.468
		Right Tilted	0.125	0.027	0.283	0.236	0.038	0.234	0.644	0.446	0.642	0.546	0.348	0.544
		Left Cheek	0.127	0.167	0.283	0.270	0.101	0.282	0.680	0.511	0.692	0.720	0.551	0.732
		Left Tilted	0.059	0.047	0.212	0.297	0.054	0.256	0.568	0.325	0.527	0.556	0.313	0.515
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Right Cheek	0.374	0.229	0.180	0.220	0.079	0.217	0.774	0.633	0.771	0.629	0.488	0.626
		Right Tilted	0.256	0.090	0.283	0.236	0.038	0.234	0.775	0.577	0.773	0.609	0.411	0.607
		Left Cheek	0.216	0.081	0.283	0.270	0.101	0.282	0.769	0.600	0.781	0.634	0.465	0.646
		Left Tilted	0.144	0.076	0.212	0.297	0.054	0.256	0.653	0.410	0.612	0.585	0.342	0.544
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Right Cheek	0.379	0.395	0.180	0.220	0.079	0.217	0.779	0.638	0.776	0.795	0.654	0.792
		Right Tilted	0.263	0.161	0.283	0.236	0.038	0.234	0.782	0.584	0.780	0.680	0.482	0.678
		Left Cheek	0.224	0.261	0.283	0.270	0.101	0.282	0.777	0.608	0.789	0.814	0.645	0.826
		Left Tilted	0.155	0.198	0.212	0.297	0.054	0.256	0.664	0.421	0.623	0.707	0.464	0.666
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Right Cheek	0.292	0.204	0.180	0.220	0.079	0.217	0.692	0.551	0.689	0.604	0.463	0.601
		Right Tilted	0.128	0.089	0.283	0.236	0.038	0.234	0.647	0.449	0.645	0.608	0.410	0.606
		Left Cheek	0.317	0.296	0.283	0.270	0.101	0.282	0.870	0.701	0.882	0.849	0.680	0.861
		Left Tilted	0.132	0.057	0.212	0.297	0.054	0.256	0.641	0.398	0.600	0.566	0.323	0.525
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Right Cheek	0.412	0.108	0.180	0.220	0.079	0.217	0.812	0.671	0.809	0.508	0.367	0.505
		Right Tilted	0.258	0.001	0.283	0.236	0.038	0.234	0.777	0.579	0.775	0.520	0.322	0.518
		Left Cheek	0.251	0.104	0.283	0.270	0.101	0.282	0.804	0.635	0.816	0.657	0.488	0.669
		Left Tilted	0.163	0.062	0.212	0.297	0.054	0.256	0.672	0.429	0.631	0.571	0.328	0.530
LTE Band 30_Ant 2 TX0	FR1 n38_Ant 2 TX0	Right Cheek	0.154	0.155	0.180	0.220	0.079	0.217	0.554	0.413	0.551	0.555	0.414	0.552
		Right Tilted	0.086	0.096	0.283	0.236	0.038	0.234	0.605	0.407	0.603	0.615	0.417	0.613
		Left Cheek	0.120	0.220	0.283	0.270	0.101	0.282	0.673	0.504	0.685	0.773	0.604	0.785





Table with columns for antenna type (e.g., WCDMA II, LTE Band), frequency range (FR1), antenna ID (e.g., n5\_Ant 1), tilt angle (Right Cheek, Right Tilted, Left Cheek, Left Tilted), and 15 columns of SAR test results.





Table with columns for band, antenna, tilt, and 16 SAR values. Includes bands like LTE Band 12, 13, 14, 25, 26, 30, 38, 41, 48, 66, 71, and 2.









<Closed mode>

<WWAN Index 3, WLAN Index 1 (RSDB)>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)		
			WWAN	FR1	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4								
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)								
GSM850_Ant 0 TX0		Right Cheek	0.472		0.175	0.122	0.053	0.180	0.827	0.774	0.705					
		Right Tilted	0.296		0.192	0.065	0.069	0.283	0.283	0.771	0.644	0.648				
		Left Cheek	0.256		0.232	0.164	0.103	0.283	0.283	0.771	0.703	0.642				
		Left Tilted	0.174		0.242	0.068	0.170	0.212	0.212	0.628	0.454	0.556				
GSM1900_Ant 2 TX0		Right Cheek	0.174		0.175	0.122	0.053	0.180	0.529	0.476	0.407					
		Right Tilted	0.108		0.192	0.065	0.069	0.283	0.283	0.583	0.456	0.460				
		Left Cheek	0.205		0.232	0.164	0.103	0.283	0.283	0.720	0.652	0.591				
		Left Tilted	0.104		0.242	0.068	0.170	0.212	0.212	0.558	0.384	0.486				
WCDMA II_Ant 2 TX0		Right Cheek	0.254		0.175	0.122	0.053	0.180	0.609	0.556	0.487					
		Right Tilted	0.107		0.192	0.065	0.069	0.283	0.283	0.582	0.455	0.459				
		Left Cheek	0.219		0.232	0.164	0.103	0.283	0.283	0.734	0.666	0.605				
		Left Tilted	0.082		0.242	0.068	0.170	0.212	0.212	0.536	0.362	0.464				
WCDMA IV_Ant 2 TX0		Right Cheek	0.203		0.175	0.122	0.053	0.180	0.558	0.505	0.436					
		Right Tilted	0.138		0.192	0.065	0.069	0.283	0.283	0.613	0.486	0.490				
		Left Cheek	0.176		0.232	0.164	0.103	0.283	0.283	0.691	0.623	0.562				
		Left Tilted	0.061		0.242	0.068	0.170	0.212	0.212	0.515	0.341	0.443				
WCDMA V_Ant 0 TX0		Right Cheek	0.340		0.175	0.122	0.053	0.180	0.695	0.642	0.573					
		Right Tilted	0.172		0.192	0.065	0.069	0.283	0.283	0.647	0.520	0.524				
		Left Cheek	0.171		0.232	0.164	0.103	0.283	0.283	0.686	0.618	0.557				
		Left Tilted	0.127		0.242	0.068	0.170	0.212	0.212	0.581	0.407	0.509				
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Right Cheek	0.111	0.349	0.175	0.122	0.053	0.180	0.466	0.413	0.344	0.704	0.651	0.582		
		Right Tilted	0.070	0.188	0.192	0.065	0.069	0.283	0.283	0.545	0.418	0.422	0.663	0.536	0.540	
		Left Cheek	0.186	0.131	0.232	0.164	0.103	0.283	0.283	0.701	0.633	0.572	0.646	0.578	0.517	
		Left Tilted	0.157	0.113	0.242	0.068	0.170	0.212	0.212	0.611	0.437	0.539	0.567	0.393	0.495	
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Right Cheek	0.225	0.071	0.175	0.122	0.053	0.180	0.580	0.527	0.458	0.426	0.373	0.304		
		Right Tilted	0.125	0.027	0.192	0.065	0.069	0.283	0.283	0.600	0.473	0.477	0.502	0.375	0.379	
		Left Cheek	0.127	0.167	0.232	0.164	0.103	0.283	0.283	0.642	0.574	0.513	0.682	0.614	0.553	
		Left Tilted	0.059	0.047	0.242	0.068	0.170	0.212	0.212	0.513	0.339	0.441	0.501	0.327	0.429	
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Right Cheek	0.374	0.229	0.175	0.122	0.053	0.180	0.729	0.676	0.607	0.584	0.531	0.462		
		Right Tilted	0.256	0.090	0.192	0.065	0.069	0.283	0.283	0.731	0.604	0.608	0.565	0.438	0.442	
		Left Cheek	0.216	0.081	0.232	0.164	0.103	0.283	0.283	0.731	0.663	0.602	0.596	0.528	0.467	
		Left Tilted	0.144	0.076	0.242	0.068	0.170	0.212	0.212	0.598	0.424	0.526	0.530	0.356	0.458	
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Right Cheek	0.379	0.395	0.175	0.122	0.053	0.180	0.734	0.681	0.612	0.750	0.697	0.628		
		Right Tilted	0.263	0.161	0.192	0.065	0.069	0.283	0.283	0.738	0.611	0.615	0.636	0.509	0.513	
		Left Cheek	0.224	0.261	0.232	0.164	0.103	0.283	0.283	0.739	0.671	0.610	0.776	0.708	0.647	
		Left Tilted	0.155	0.198	0.242	0.068	0.170	0.212	0.212	0.609	0.435	0.537	0.652	0.478	0.580	
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Right Cheek	0.292	0.204	0.175	0.122	0.053	0.180	0.647	0.594	0.525	0.559	0.506	0.437		
		Right Tilted	0.128	0.089	0.192	0.065	0.069	0.283	0.283	0.603	0.476	0.480	0.564	0.437	0.441	
		Left Cheek	0.317	0.296	0.232	0.164	0.103	0.283	0.283	0.832	0.764	0.703	0.811	0.743	0.682	
		Left Tilted	0.132	0.057	0.242	0.068	0.170	0.212	0.212	0.586	0.412	0.514	0.511	0.337	0.439	
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Right Cheek	0.412	0.108	0.175	0.122	0.053	0.180	0.767	0.714	0.645	0.463	0.410	0.341		
		Right Tilted	0.258	0.001	0.192	0.065	0.069	0.283	0.283	0.733	0.606	0.610	0.476	0.349	0.353	
		Left Cheek	0.251	0.104	0.232	0.164	0.103	0.283	0.283	0.766	0.698	0.637	0.619	0.551	0.490	
		Left Tilted	0.163	0.062	0.242	0.068	0.170	0.212	0.212	0.617	0.443	0.545	0.516	0.342	0.444	
LTE Band 30_Ant 2 TX0	FR1 n38_Ant 2 TX0	Right Cheek	0.154	0.155	0.175	0.122	0.053	0.180	0.509	0.456	0.387	0.510	0.457	0.388		
		Right Tilted	0.086	0.096	0.192	0.065	0.069	0.283	0.283	0.561	0.434	0.438	0.571	0.444	0.448	
		Left Cheek	0.120	0.220	0.232	0.164	0.103	0.283	0.283	0.635	0.567	0.506	0.735	0.667	0.606	
		Left Tilted	0.112	0.132	0.242	0.068	0.170	0.212	0.212	0.566	0.392	0.494	0.586	0.412	0.514	
		Right Cheek	0.078	0.153	0.175	0.122	0.053	0.180	0.433	0.380	0.311	0.508	0.455	0.386		



LTE Band 38_Ant 2 TX0	FR1 n41_Ant 2 TX0	Right Tilted	0.048	0.079	0.192	0.065	0.069	0.283	0.523	0.396	0.400	0.554	0.427	0.431
		Left Cheek	0.112	0.185	0.232	0.164	0.103	0.283	0.627	0.559	0.498	0.700	0.632	0.571
		Left Tilted	0.063	0.119	0.242	0.068	0.170	0.212	0.517	0.343	0.445	0.573	0.399	0.501
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Right Cheek	0.076	0.538	0.175	0.122	0.053	0.180	0.431	0.378	0.309	0.893	0.840	0.771
		Right Tilted	0.046	0.083	0.192	0.065	0.069	0.283	0.521	0.394	0.398	0.558	0.431	0.435
		Left Cheek	0.106	0.310	0.232	0.164	0.103	0.283	0.621	0.553	0.492	0.825	0.757	0.696
		Left Tilted	0.064	0.115	0.242	0.068	0.170	0.212	0.518	0.344	0.446	0.569	0.395	0.497
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Right Cheek	0.173	0.238	0.175	0.122	0.053	0.180	0.528	0.475	0.406	0.593	0.540	0.471
		Right Tilted	0.089	0.067	0.192	0.065	0.069	0.283	0.564	0.437	0.441	0.542	0.415	0.419
		Left Cheek	0.182	0.267	0.232	0.164	0.103	0.283	0.697	0.629	0.568	0.782	0.714	0.653
		Left Tilted	0.155	0.104	0.242	0.068	0.170	0.212	0.609	0.435	0.537	0.558	0.384	0.486
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Right Cheek	0.214	0.169	0.175	0.122	0.053	0.180	0.569	0.516	0.447	0.524	0.471	0.402
		Right Tilted	0.148	0.090	0.192	0.065	0.069	0.283	0.623	0.496	0.500	0.565	0.438	0.442
		Left Cheek	0.298	0.074	0.232	0.164	0.103	0.283	0.813	0.745	0.684	0.589	0.521	0.460
		Left Tilted	0.148	0.057	0.242	0.068	0.170	0.212	0.602	0.428	0.530	0.511	0.337	0.439
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Right Cheek	0.109	0.439	0.175	0.122	0.053	0.180	0.464	0.411	0.342	0.794	0.741	0.672
		Right Tilted	0.093	0.332	0.192	0.065	0.069	0.283	0.568	0.441	0.445	0.807	0.680	0.684
		Left Cheek	0.114	0.289	0.232	0.164	0.103	0.283	0.629	0.561	0.500	0.804	0.736	0.675
		Left Tilted	0.001	0.242	0.242	0.068	0.170	0.212	0.455	0.281	0.383	0.696	0.522	0.624
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Right Cheek	0.156	0.205	0.175	0.122	0.053	0.180	0.511	0.458	0.389	0.560	0.507	0.438
		Right Tilted	0.315	0.308	0.192	0.065	0.069	0.283	0.790	0.663	0.667	0.783	0.656	0.660
		Left Cheek	0.927	0.859	0.232	0.164	0.103	0.283	1.442	1.374	1.313	1.374	1.306	1.245
		Left Tilted	0.478	0.524	0.242	0.068	0.170	0.212	0.932	0.758	0.860	0.978	0.804	0.906
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Right Cheek	0.167	0.212	0.175	0.122	0.053	0.180	0.522	0.469	0.400	0.567	0.514	0.445
		Right Tilted	0.132	0.146	0.192	0.065	0.069	0.283	0.607	0.480	0.484	0.621	0.494	0.498
		Left Cheek	0.979	0.925	0.232	0.164	0.103	0.283	1.494	1.426	1.365	1.440	1.372	1.311
		Left Tilted	0.420	0.415	0.242	0.068	0.170	0.212	0.874	0.700	0.802	0.869	0.695	0.797
	FR1 n41_Ant 1 SUB_TX0	Right Cheek		0.151	0.175	0.122	0.053	0.180				0.506	0.453	0.384
		Right Tilted		0.104	0.192	0.065	0.069	0.283				0.579	0.452	0.456
		Left Cheek		0.524	0.232	0.164	0.103	0.283				1.039	0.971	0.910
		Left Tilted		0.327	0.242	0.068	0.170	0.212				0.781	0.607	0.709
	FR1 n48_Ant 1 SUB_TX0	Right Cheek		0.139	0.175	0.122	0.053	0.180				0.494	0.441	0.372
		Right Tilted		0.113	0.192	0.065	0.069	0.283				0.588	0.461	0.465
		Left Cheek		0.777	0.232	0.164	0.103	0.283				1.292	1.224	1.163
		Left Tilted		0.478	0.242	0.068	0.170	0.212				0.932	0.758	0.860
	FR1 n77_Ant 1 SUB_TX0	Right Cheek		0.233	0.175	0.122	0.053	0.180				0.588	0.535	0.466
		Right Tilted		0.274	0.192	0.065	0.069	0.283				0.749	0.622	0.626
		Left Cheek		0.953	0.232	0.164	0.103	0.283				1.468	1.400	1.339
		Left Tilted		0.461	0.242	0.068	0.170	0.212				0.915	0.741	0.843

<Closed mode>

<WWAN Index 3, WLAN Index 1 (RSDB)>

WWAN Band	FR1 Band	Exposure Position	1		3		5		6		1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)	
			WWAN	FR1	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4									
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)									
GSM850_Ant 1 TX1		Right Cheek	0.286		0.175	0.122	0.053	0.180	0.641	0.588	0.519						
		Right Tilted	0.238		0.192	0.065	0.069	0.283	0.713	0.586	0.590						
		Left Cheek	0.569		0.232	0.164	0.103	0.283	1.084	1.016	0.955						
		Left Tilted	0.301		0.242	0.068	0.170	0.212	0.755	0.581	0.683						
GSM1900_Ant 0 TX1		Right Cheek	0.153		0.175	0.122	0.053	0.180	0.508	0.455	0.386						
		Right Tilted	0.031		0.192	0.065	0.069	0.283	0.506	0.379	0.383						
		Left Cheek	0.050		0.232	0.164	0.103	0.283	0.565	0.497	0.436						
		Left Tilted	0.026		0.242	0.068	0.170	0.212	0.480	0.306	0.408						
		Right Cheek	0.285		0.175	0.122	0.053	0.180	0.640	0.587	0.518						





LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Right Tilted	0.262	0.078	0.192	0.065	0.069	0.283	<b>0.737</b>	<b>0.610</b>	<b>0.614</b>	<b>0.553</b>	<b>0.426</b>	<b>0.430</b>
		Left Cheek	0.614	0.093	0.232	0.164	0.103	0.283	<b>1.129</b>	<b>1.061</b>	<b>1.000</b>	<b>0.608</b>	<b>0.540</b>	<b>0.479</b>
		Left Tilted	0.453	0.092	0.242	0.068	0.170	0.212	<b>0.907</b>	<b>0.733</b>	<b>0.835</b>	<b>0.546</b>	<b>0.372</b>	<b>0.474</b>
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Right Cheek	0.021	0.024	0.175	0.122	0.053	0.180	<b>0.376</b>	<b>0.323</b>	<b>0.254</b>	<b>0.379</b>	<b>0.326</b>	<b>0.257</b>
		Right Tilted	0.001	0.001	0.192	0.065	0.069	0.283	<b>0.476</b>	<b>0.349</b>	<b>0.353</b>	<b>0.476</b>	<b>0.349</b>	<b>0.353</b>
		Left Cheek	0.001	0.001	0.232	0.164	0.103	0.283	<b>0.516</b>	<b>0.448</b>	<b>0.387</b>	<b>0.516</b>	<b>0.448</b>	<b>0.387</b>
		Left Tilted	0.001	0.001	0.242	0.068	0.170	0.212	<b>0.455</b>	<b>0.281</b>	<b>0.383</b>	<b>0.455</b>	<b>0.281</b>	<b>0.383</b>
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Right Cheek	0.007	0.010	0.175	0.122	0.053	0.180	<b>0.362</b>	<b>0.309</b>	<b>0.240</b>	<b>0.365</b>	<b>0.312</b>	<b>0.243</b>
		Right Tilted	0.001	0.001	0.192	0.065	0.069	0.283	<b>0.476</b>	<b>0.349</b>	<b>0.353</b>	<b>0.476</b>	<b>0.349</b>	<b>0.353</b>
		Left Cheek	0.001	0.001	0.232	0.164	0.103	0.283	<b>0.516</b>	<b>0.448</b>	<b>0.387</b>	<b>0.516</b>	<b>0.448</b>	<b>0.387</b>
		Left Tilted	0.001	0.001	0.242	0.068	0.170	0.212	<b>0.455</b>	<b>0.281</b>	<b>0.383</b>	<b>0.455</b>	<b>0.281</b>	<b>0.383</b>
	FR1 n41_Ant 5 SUB_TX1	Right Cheek		0.008	0.175	0.122	0.053	0.180				<b>0.363</b>	<b>0.310</b>	<b>0.241</b>
		Right Tilted		0.002	0.192	0.065	0.069	0.283				<b>0.477</b>	<b>0.350</b>	<b>0.354</b>
		Left Cheek		0.002	0.232	0.164	0.103	0.283				<b>0.517</b>	<b>0.449</b>	<b>0.388</b>
		Left Tilted		0.002	0.242	0.068	0.170	0.212				<b>0.456</b>	<b>0.282</b>	<b>0.384</b>
	FR1 n48_Ant 5 SUB_TX1	Right Cheek		0.001	0.175	0.122	0.053	0.180				<b>0.356</b>	<b>0.303</b>	<b>0.234</b>
		Right Tilted		0.001	0.192	0.065	0.069	0.283				<b>0.476</b>	<b>0.349</b>	<b>0.353</b>
		Left Cheek		0.003	0.232	0.164	0.103	0.283				<b>0.518</b>	<b>0.450</b>	<b>0.389</b>
		Left Tilted		0.001	0.242	0.068	0.170	0.212				<b>0.455</b>	<b>0.281</b>	<b>0.383</b>
	FR1 n77_Ant 5 SUB_TX1	Right Cheek		0.015	0.175	0.122	0.053	0.180				<b>0.370</b>	<b>0.317</b>	<b>0.248</b>
		Right Tilted		0.001	0.192	0.065	0.069	0.283				<b>0.476</b>	<b>0.349</b>	<b>0.353</b>
		Left Cheek		0.001	0.232	0.164	0.103	0.283				<b>0.516</b>	<b>0.448</b>	<b>0.387</b>
		Left Tilted		0.001	0.242	0.068	0.170	0.212				<b>0.455</b>	<b>0.281</b>	<b>0.383</b>

**<Closed mode>**

**<WLAN Index 2, BT Index 1>**

Exposure Position	1	2	3	4	5	6	7	4+5 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)			
Right Cheek	0.595	0.122	0.259	0.543	0.220	0.079	0.217	<b>0.763</b>	<b>0.622</b>	<b>0.760</b>
Right Tilted	0.655	0.065	0.336	0.874	0.236	0.038	0.234	<b>1.110</b>	<b>0.912</b>	<b>1.108</b>
Left Cheek	0.788	0.164	0.493	0.729	0.270	0.101	0.282	<b>0.999</b>	<b>0.830</b>	<b>1.011</b>
Left Tilted	0.967	0.068	0.784	0.526	0.297	0.054	0.256	<b>0.823</b>	<b>0.580</b>	<b>0.782</b>

**<Closed mode>**

**<WLAN Index 2 (RSDB)>**

Exposure Position	1	2	3	4	1+4 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)			
Right Cheek	0.524	0.122	0.236	0.543	<b>1.067</b>	<b>0.665</b>	<b>0.779</b>
Right Tilted	0.577	0.065	0.306	0.779	<b>1.356</b>	<b>0.844</b>	<b>1.085</b>
Left Cheek	0.694	0.164	0.450	0.650	<b>1.344</b>	<b>0.814</b>	<b>1.100</b>
Left Tilted	0.723	0.068	0.715	0.526	<b>1.249</b>	<b>0.594</b>	<b>1.241</b>



<Closed mode>

<WWAN Index 3, BT Index 1>

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)
			WWAN	FR1	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM850_Ant 0 TX0		Right Cheek	0.472		0.220	0.079	0.217	0.692	0.551	0.689			
		Right Tilted	0.296		0.236	0.038	0.234	0.532	0.334	0.530			
		Left Cheek	0.256		0.270	0.101	0.282	0.526	0.357	0.538			
		Left Tilted	0.174		0.297	0.054	0.256	0.471	0.228	0.430			
GSM1900_Ant 2 TX0		Right Cheek	0.174		0.220	0.079	0.217	0.394	0.253	0.391			
		Right Tilted	0.108		0.236	0.038	0.234	0.344	0.146	0.342			
		Left Cheek	0.205		0.270	0.101	0.282	0.475	0.306	0.487			
		Left Tilted	0.104		0.297	0.054	0.256	0.401	0.158	0.360			
WCDMA II_Ant 2 TX0		Right Cheek	0.254		0.220	0.079	0.217	0.474	0.333	0.471			
		Right Tilted	0.107		0.236	0.038	0.234	0.343	0.145	0.341			
		Left Cheek	0.219		0.270	0.101	0.282	0.489	0.320	0.501			
		Left Tilted	0.082		0.297	0.054	0.256	0.379	0.136	0.338			
WCDMA IV_Ant 2 TX0		Right Cheek	0.203		0.220	0.079	0.217	0.423	0.282	0.420			
		Right Tilted	0.138		0.236	0.038	0.234	0.374	0.176	0.372			
		Left Cheek	0.176		0.270	0.101	0.282	0.446	0.277	0.458			
		Left Tilted	0.061		0.297	0.054	0.256	0.358	0.115	0.317			
WCDMA V_Ant 0 TX0		Right Cheek	0.340		0.220	0.079	0.217	0.560	0.419	0.557			
		Right Tilted	0.172		0.236	0.038	0.234	0.408	0.210	0.406			
		Left Cheek	0.171		0.270	0.101	0.282	0.441	0.272	0.453			
		Left Tilted	0.127		0.297	0.054	0.256	0.424	0.181	0.383			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Right Cheek	0.111	0.349	0.220	0.079	0.217	0.331	0.190	0.328	0.569	0.428	0.566
		Right Tilted	0.070	0.188	0.236	0.038	0.234	0.306	0.108	0.304	0.424	0.226	0.422
		Left Cheek	0.186	0.131	0.270	0.101	0.282	0.456	0.287	0.468	0.401	0.232	0.413
		Left Tilted	0.157	0.113	0.297	0.054	0.256	0.454	0.211	0.413	0.410	0.167	0.369
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Right Cheek	0.225	0.071	0.220	0.079	0.217	0.445	0.304	0.442	0.291	0.150	0.288
		Right Tilted	0.125	0.027	0.236	0.038	0.234	0.361	0.163	0.359	0.263	0.065	0.261
		Left Cheek	0.127	0.167	0.270	0.101	0.282	0.397	0.228	0.409	0.437	0.268	0.449
		Left Tilted	0.059	0.047	0.297	0.054	0.256	0.356	0.113	0.315	0.344	0.101	0.303
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Right Cheek	0.374	0.229	0.220	0.079	0.217	0.594	0.453	0.591	0.449	0.308	0.446
		Right Tilted	0.256	0.090	0.236	0.038	0.234	0.492	0.294	0.490	0.326	0.128	0.324
		Left Cheek	0.216	0.081	0.270	0.101	0.282	0.486	0.317	0.498	0.351	0.182	0.363
		Left Tilted	0.144	0.076	0.297	0.054	0.256	0.441	0.198	0.400	0.373	0.130	0.332
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Right Cheek	0.379	0.395	0.220	0.079	0.217	0.599	0.458	0.596	0.615	0.474	0.612
		Right Tilted	0.263	0.161	0.236	0.038	0.234	0.499	0.301	0.497	0.397	0.199	0.395
		Left Cheek	0.224	0.261	0.270	0.101	0.282	0.494	0.325	0.506	0.531	0.362	0.543
		Left Tilted	0.155	0.198	0.297	0.054	0.256	0.452	0.209	0.411	0.495	0.252	0.454
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Right Cheek	0.292	0.204	0.220	0.079	0.217	0.512	0.371	0.509	0.424	0.283	0.421
		Right Tilted	0.128	0.089	0.236	0.038	0.234	0.364	0.166	0.362	0.325	0.127	0.323
		Left Cheek	0.317	0.296	0.270	0.101	0.282	0.587	0.418	0.599	0.566	0.397	0.578
		Left Tilted	0.132	0.057	0.297	0.054	0.256	0.429	0.186	0.388	0.354	0.111	0.313
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Right Cheek	0.412	0.108	0.220	0.079	0.217	0.632	0.491	0.629	0.328	0.187	0.325
		Right Tilted	0.258	0.001	0.236	0.038	0.234	0.494	0.296	0.492	0.237	0.039	0.235
		Left Cheek	0.251	0.104	0.270	0.101	0.282	0.521	0.352	0.533	0.374	0.205	0.386
		Left Tilted	0.163	0.062	0.297	0.054	0.256	0.460	0.217	0.419	0.359	0.116	0.318
LTE Band 30_Ant 2 TX0	FR1 n38_Ant 2 TX0	Right Cheek	0.154	0.155	0.220	0.079	0.217	0.374	0.233	0.371	0.375	0.234	0.372
		Right Tilted	0.086	0.096	0.236	0.038	0.234	0.322	0.124	0.320	0.332	0.134	0.330
		Left Cheek	0.120	0.220	0.270	0.101	0.282	0.390	0.221	0.402	0.490	0.321	0.502
		Left Tilted	0.112	0.132	0.297	0.054	0.256	0.409	0.166	0.368	0.429	0.186	0.388
		Right Cheek	0.078	0.153	0.220	0.079	0.217	0.298	0.157	0.295	0.373	0.232	0.370



# FCC SAR TEST REPORT

Report No. : FA262403-04D

LTE Band 38_Ant 2 TX0	FR1 n41_Ant 2 TX0	Right Tilted	0.048	0.079	0.236	0.038	0.234	0.284	0.086	0.282	0.315	0.117	0.313
		Left Cheek	0.112	0.185	0.270	0.101	0.282	0.382	0.213	0.394	0.455	0.286	0.467
		Left Tilted	0.063	0.119	0.297	0.054	0.256	0.360	0.117	0.319	0.416	0.173	0.375
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Right Cheek	0.076	0.538	0.220	0.079	0.217	0.296	0.155	0.293	0.758	0.617	0.755
		Right Tilted	0.046	0.083	0.236	0.038	0.234	0.282	0.084	0.280	0.319	0.121	0.317
		Left Cheek	0.106	0.310	0.270	0.101	0.282	0.376	0.207	0.388	0.580	0.411	0.592
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Left Tilted	0.064	0.115	0.297	0.054	0.256	0.361	0.118	0.320	0.412	0.169	0.371
		Right Cheek	0.173	0.238	0.220	0.079	0.217	0.393	0.252	0.390	0.458	0.317	0.455
		Right Tilted	0.089	0.067	0.236	0.038	0.234	0.325	0.127	0.323	0.303	0.105	0.301
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Left Cheek	0.182	0.267	0.270	0.101	0.282	0.452	0.283	0.464	0.537	0.368	0.549
		Left Tilted	0.155	0.104	0.297	0.054	0.256	0.452	0.209	0.411	0.401	0.158	0.360
		Right Cheek	0.214	0.169	0.220	0.079	0.217	0.434	0.293	0.431	0.389	0.248	0.386
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Right Tilted	0.148	0.090	0.236	0.038	0.234	0.384	0.186	0.382	0.326	0.128	0.324
		Left Cheek	0.298	0.074	0.270	0.101	0.282	0.568	0.399	0.580	0.344	0.175	0.356
		Left Tilted	0.148	0.057	0.297	0.054	0.256	0.445	0.202	0.404	0.354	0.111	0.313
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Right Cheek	0.109	0.439	0.220	0.079	0.217	0.329	0.188	0.326	0.659	0.518	0.656
		Right Tilted	0.093	0.332	0.236	0.038	0.234	0.329	0.131	0.327	0.568	0.370	0.566
		Left Cheek	0.114	0.289	0.270	0.101	0.282	0.384	0.215	0.396	0.559	0.390	0.571
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Left Tilted	0.001	0.242	0.297	0.054	0.256	0.298	0.055	0.257	0.539	0.296	0.498
		Right Cheek	0.156	0.205	0.220	0.079	0.217	0.376	0.235	0.373	0.425	0.284	0.422
		Right Tilted	0.315	0.308	0.236	0.038	0.234	0.551	0.353	0.549	0.544	0.346	0.542
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Left Cheek	0.927	0.859	0.270	0.101	0.282	1.197	1.028	1.209	1.129	0.960	1.141
		Left Tilted	0.478	0.524	0.297	0.054	0.256	0.775	0.532	0.734	0.821	0.578	0.780
		Right Cheek	0.167	0.212	0.220	0.079	0.217	0.387	0.246	0.384	0.432	0.291	0.429
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Right Tilted	0.132	0.146	0.236	0.038	0.234	0.368	0.170	0.366	0.382	0.184	0.380
		Left Cheek	0.979	0.925	0.270	0.101	0.282	1.249	1.080	1.261	1.195	1.026	1.207
		Left Tilted	0.420	0.415	0.297	0.054	0.256	0.717	0.474	0.676	0.712	0.469	0.671
FR1 n41_Ant 1 SUB_TX0	FR1 n41_Ant 1 SUB_TX0	Right Cheek		0.151	0.220	0.079	0.217				0.371	0.230	0.368
		Right Tilted		0.104	0.236	0.038	0.234				0.340	0.142	0.338
		Left Cheek		0.524	0.270	0.101	0.282				0.794	0.625	0.806
		Left Tilted		0.327	0.297	0.054	0.256				0.624	0.381	0.583
FR1 n48_Ant 1 SUB_TX0	FR1 n48_Ant 1 SUB_TX0	Right Cheek		0.139	0.220	0.079	0.217				0.359	0.218	0.356
		Right Tilted		0.113	0.236	0.038	0.234				0.349	0.151	0.347
		Left Cheek		0.777	0.270	0.101	0.282				1.047	0.878	1.059
		Left Tilted		0.478	0.297	0.054	0.256				0.775	0.532	0.734
FR1 n77_Ant 1 SUB_TX0	FR1 n77_Ant 1 SUB_TX0	Right Cheek		0.233	0.220	0.079	0.217				0.453	0.312	0.450
		Right Tilted		0.274	0.236	0.038	0.234				0.510	0.312	0.508
		Left Cheek		0.953	0.270	0.101	0.282				1.223	1.054	1.235
		Left Tilted		0.461	0.297	0.054	0.256				0.758	0.515	0.717

<Closed mode>

<WWAN Index 3, BT Index 1>

WWAN Band	FR1 Band	Exposure Position	1		9		10		11		1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)	
			WWAN	FR1	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4										
GSM850_Ant 1 TX1		Right Cheek	0.286		0.220	0.079	0.217			0.506	0.365	0.503					
		Right Tilted	0.238		0.236	0.038	0.234			0.474	0.276	0.472					
		Left Cheek	0.569		0.270	0.101	0.282			0.839	0.670	0.851					
		Left Tilted	0.301		0.297	0.054	0.256			0.598	0.355	0.557					
GSM1900_Ant 0 TX1		Right Cheek	0.153		0.220	0.079	0.217			0.373	0.232	0.370					
		Right Tilted	0.031		0.236	0.038	0.234			0.267	0.069	0.265					
		Left Cheek	0.050		0.270	0.101	0.282			0.320	0.151	0.332					
		Left Tilted	0.026		0.297	0.054	0.256			0.323	0.080	0.282					
WCDMA II_Ant 0 TX1		Right Cheek	0.285		0.220	0.079	0.217			0.505	0.364	0.502					





LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Right Tilted	0.262	0.078	0.236	0.038	0.234	<b>0.498</b>	<b>0.300</b>	<b>0.496</b>	<b>0.314</b>	<b>0.116</b>	<b>0.312</b>
		Left Cheek	0.614	0.093	0.270	0.101	0.282	<b>0.884</b>	<b>0.715</b>	<b>0.896</b>	<b>0.363</b>	<b>0.194</b>	<b>0.375</b>
		Left Tilted	0.453	0.092	0.297	0.054	0.256	<b>0.750</b>	<b>0.507</b>	<b>0.709</b>	<b>0.389</b>	<b>0.146</b>	<b>0.348</b>
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Right Cheek	0.021	0.024	0.220	0.079	0.217	<b>0.241</b>	<b>0.100</b>	<b>0.238</b>	<b>0.244</b>	<b>0.103</b>	<b>0.241</b>
		Right Tilted	0.001	0.001	0.236	0.038	0.234	<b>0.237</b>	<b>0.039</b>	<b>0.235</b>	<b>0.237</b>	<b>0.039</b>	<b>0.235</b>
		Left Cheek	0.001	0.001	0.270	0.101	0.282	<b>0.271</b>	<b>0.102</b>	<b>0.283</b>	<b>0.271</b>	<b>0.102</b>	<b>0.283</b>
		Left Tilted	0.001	0.001	0.297	0.054	0.256	<b>0.298</b>	<b>0.055</b>	<b>0.257</b>	<b>0.298</b>	<b>0.055</b>	<b>0.257</b>
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Right Cheek	0.007	0.010	0.220	0.079	0.217	<b>0.227</b>	<b>0.086</b>	<b>0.224</b>	<b>0.230</b>	<b>0.089</b>	<b>0.227</b>
		Right Tilted	0.001	0.001	0.236	0.038	0.234	<b>0.237</b>	<b>0.039</b>	<b>0.235</b>	<b>0.237</b>	<b>0.039</b>	<b>0.235</b>
		Left Cheek	0.001	0.001	0.270	0.101	0.282	<b>0.271</b>	<b>0.102</b>	<b>0.283</b>	<b>0.271</b>	<b>0.102</b>	<b>0.283</b>
		Left Tilted	0.001	0.001	0.297	0.054	0.256	<b>0.298</b>	<b>0.055</b>	<b>0.257</b>	<b>0.298</b>	<b>0.055</b>	<b>0.257</b>
	FR1 n41_Ant 5 SUB_TX1	Right Cheek		0.008	0.220	0.079	0.217				<b>0.228</b>	<b>0.087</b>	<b>0.225</b>
		Right Tilted		0.002	0.236	0.038	0.234				<b>0.238</b>	<b>0.040</b>	<b>0.236</b>
		Left Cheek		0.002	0.270	0.101	0.282				<b>0.272</b>	<b>0.103</b>	<b>0.284</b>
		Left Tilted		0.002	0.297	0.054	0.256				<b>0.299</b>	<b>0.056</b>	<b>0.258</b>
	FR1 n48_Ant 5 SUB_TX1	Right Cheek		0.001	0.220	0.079	0.217				<b>0.221</b>	<b>0.080</b>	<b>0.218</b>
		Right Tilted		0.001	0.236	0.038	0.234				<b>0.237</b>	<b>0.039</b>	<b>0.235</b>
		Left Cheek		0.003	0.270	0.101	0.282				<b>0.273</b>	<b>0.104</b>	<b>0.285</b>
		Left Tilted		0.001	0.297	0.054	0.256				<b>0.298</b>	<b>0.055</b>	<b>0.257</b>
	FR1 n77_Ant 5 SUB_TX1	Right Cheek		0.015	0.220	0.079	0.217				<b>0.235</b>	<b>0.094</b>	<b>0.232</b>
		Right Tilted		0.001	0.236	0.038	0.234				<b>0.237</b>	<b>0.039</b>	<b>0.235</b>
		Left Cheek		0.001	0.270	0.101	0.282				<b>0.271</b>	<b>0.102</b>	<b>0.283</b>
		Left Tilted		0.001	0.297	0.054	0.256				<b>0.298</b>	<b>0.055</b>	<b>0.257</b>

<Open mode>

<WWAN Index 8, WLAN Index 6, BT Index 5>

WWAN Band	FR1 Band	Exposure Position	1	2	6	9	10	11	1+6+9	1+6+10	1+6+11	2+6+9	2+6+10	2+6+11
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 0 TX0		Right Cheek	0.404		0.195	0.109	0.148	0.143	<b>0.708</b>	<b>0.747</b>	<b>0.742</b>			
		Right Tilted	0.285		0.145	0.076	0.040	0.055	<b>0.506</b>	<b>0.470</b>	<b>0.485</b>			
		Left Cheek	0.606		0.198	0.142	0.119	0.141	<b>0.946</b>	<b>0.923</b>	<b>0.945</b>			
		Left Tilted	0.204		0.195	0.110	0.022	0.106	<b>0.509</b>	<b>0.421</b>	<b>0.505</b>			
GSM1900_Ant 2 TX0		Right Cheek	0.066		0.195	0.109	0.148	0.143	<b>0.370</b>	<b>0.409</b>	<b>0.404</b>			
		Right Tilted	0.001		0.145	0.076	0.040	0.055	<b>0.222</b>	<b>0.186</b>	<b>0.201</b>			
		Left Cheek	0.258		0.198	0.142	0.119	0.141	<b>0.598</b>	<b>0.575</b>	<b>0.597</b>			
		Left Tilted	0.079		0.195	0.110	0.022	0.106	<b>0.384</b>	<b>0.296</b>	<b>0.380</b>			
WCDMA II_Ant 2 TX0		Right Cheek	0.173		0.195	0.109	0.148	0.143	<b>0.477</b>	<b>0.516</b>	<b>0.511</b>			
		Right Tilted	0.158		0.145	0.076	0.040	0.055	<b>0.379</b>	<b>0.343</b>	<b>0.358</b>			
		Left Cheek	0.381		0.198	0.142	0.119	0.141	<b>0.721</b>	<b>0.698</b>	<b>0.720</b>			
		Left Tilted	0.097		0.195	0.110	0.022	0.106	<b>0.402</b>	<b>0.314</b>	<b>0.398</b>			
WCDMA IV_Ant 2 TX0		Right Cheek	0.289		0.195	0.109	0.148	0.143	<b>0.593</b>	<b>0.632</b>	<b>0.627</b>			
		Right Tilted	0.281		0.145	0.076	0.040	0.055	<b>0.502</b>	<b>0.466</b>	<b>0.481</b>			
		Left Cheek	0.527		0.198	0.142	0.119	0.141	<b>0.867</b>	<b>0.844</b>	<b>0.866</b>			
		Left Tilted	0.250		0.195	0.110	0.022	0.106	<b>0.555</b>	<b>0.467</b>	<b>0.551</b>			
WCDMA V_Ant 0 TX0		Right Cheek	0.258		0.195	0.109	0.148	0.143	<b>0.562</b>	<b>0.601</b>	<b>0.596</b>			
		Right Tilted	0.090		0.145	0.076	0.040	0.055	<b>0.311</b>	<b>0.275</b>	<b>0.290</b>			
		Left Cheek	0.465		0.198	0.142	0.119	0.141	<b>0.805</b>	<b>0.782</b>	<b>0.804</b>			
		Left Tilted	0.221		0.195	0.110	0.022	0.106	<b>0.526</b>	<b>0.438</b>	<b>0.522</b>			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Right Cheek	0.198	0.252	0.195	0.109	0.148	0.143	<b>0.502</b>	<b>0.541</b>	<b>0.536</b>	<b>0.556</b>	<b>0.595</b>	<b>0.590</b>
		Right Tilted	0.176	0.188	0.145	0.076	0.040	0.055	<b>0.397</b>	<b>0.361</b>	<b>0.376</b>	<b>0.409</b>	<b>0.373</b>	<b>0.388</b>
		Left Cheek	0.234	0.440	0.198	0.142	0.119	0.141	<b>0.574</b>	<b>0.551</b>	<b>0.573</b>	<b>0.780</b>	<b>0.757</b>	<b>0.779</b>
		Left Tilted	0.058	0.163	0.195	0.110	0.022	0.106	<b>0.363</b>	<b>0.275</b>	<b>0.359</b>	<b>0.468</b>	<b>0.380</b>	<b>0.464</b>
		Right Cheek	0.101	0.139	0.195	0.109	0.148	0.143	<b>0.405</b>	<b>0.444</b>	<b>0.439</b>	<b>0.443</b>	<b>0.482</b>	<b>0.477</b>







FR1 n48_Ant 1 SUB_TX0	Right Tilted		0.466	0.145	0.076	0.040	0.055					0.687	0.651	0.666
	Left Cheek		0.308	0.198	0.142	0.119	0.141					0.648	0.625	0.647
	Left Tilted		0.330	0.195	0.110	0.022	0.106					0.635	0.547	0.631
FR1 n77_Ant 1 SUB_TX0	Right Cheek		0.942	0.195	0.109	0.148	0.143					1.246	1.285	1.280
	Right Tilted		0.329	0.145	0.076	0.040	0.055					0.550	0.514	0.529
	Left Cheek		0.320	0.198	0.142	0.119	0.141					0.660	0.637	0.659
	Left Tilted		0.324	0.195	0.110	0.022	0.106					0.629	0.541	0.625

<Open mode>

<WWAN Index 8, WLAN Index 6, BT Index 5>

WWAN Band	FR1 Band	Exposure Position	1	2	6	9	10	11	1+6+9 Summed 1g SAR (W/kg)	1+6+10 Summed 1g SAR (W/kg)	1+6+11 Summed 1g SAR (W/kg)	2+6+9 Summed 1g SAR (W/kg)	2+6+10 Summed 1g SAR (W/kg)	2+6+11 Summed 1g SAR (W/kg)	
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)							
GSM850_Ant 1 TX1		Right Cheek	0.987		0.195	0.109	0.148	0.143	1.291	1.330	1.325				
		Right Tilted	0.405		0.145	0.076	0.040	0.055	0.626	0.590	0.605				
		Left Cheek	0.512		0.198	0.142	0.119	0.141	0.852	0.829	0.851				
		Left Tilted	0.244		0.195	0.110	0.022	0.106	0.549	0.461	0.545				
GSM1900_Ant 0 TX1		Right Cheek	0.248		0.195	0.109	0.148	0.143	0.552	0.591	0.586				
		Right Tilted	0.001		0.145	0.076	0.040	0.055	0.222	0.186	0.201				
		Left Cheek	0.533		0.198	0.142	0.119	0.141	0.873	0.850	0.872				
		Left Tilted	0.109		0.195	0.110	0.022	0.106	0.414	0.326	0.410				
WCDMA II_Ant 0 TX1		Right Cheek	0.193		0.195	0.109	0.148	0.143	0.497	0.536	0.531				
		Right Tilted	0.081		0.145	0.076	0.040	0.055	0.302	0.266	0.281				
		Left Cheek	0.811		0.198	0.142	0.119	0.141	1.151	1.128	1.150				
		Left Tilted	0.109		0.195	0.110	0.022	0.106	0.414	0.326	0.410				
WCDMA IV_Ant 0 TX1		Right Cheek	0.298		0.195	0.109	0.148	0.143	0.602	0.641	0.636				
		Right Tilted	0.193		0.145	0.076	0.040	0.055	0.414	0.378	0.393				
		Left Cheek	0.711		0.198	0.142	0.119	0.141	1.051	1.028	1.050				
		Left Tilted	0.236		0.195	0.110	0.022	0.106	0.541	0.453	0.537				
WCDMA V_Ant 1 TX1		Right Cheek	0.991		0.195	0.109	0.148	0.143	1.295	1.334	1.329				
		Right Tilted	0.264		0.145	0.076	0.040	0.055	0.485	0.449	0.464				
		Left Cheek	0.383		0.198	0.142	0.119	0.141	0.723	0.700	0.722				
		Left Tilted	0.157		0.195	0.110	0.022	0.106	0.462	0.374	0.458				
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Right Cheek	0.142	0.950	0.195	0.109	0.148	0.143	0.446	0.485	0.480	1.254	1.293	1.288	
		Right Tilted	0.083	0.458	0.145	0.076	0.040	0.055	0.304	0.268	0.283	0.679	0.643	0.658	
		Left Cheek	0.363	0.470	0.198	0.142	0.119	0.141	0.703	0.680	0.702	0.810	0.787	0.809	
		Left Tilted	0.113	0.332	0.195	0.110	0.022	0.106	0.418	0.330	0.414	0.637	0.549	0.633	
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Right Cheek	0.981	0.146	0.195	0.109	0.148	0.143	1.285	1.324	1.319	0.450	0.489	0.484	
		Right Tilted	0.385	0.074	0.145	0.076	0.040	0.055	0.606	0.570	0.585	0.295	0.259	0.274	
		Left Cheek	0.600	0.194	0.198	0.142	0.119	0.141	0.940	0.917	0.939	0.534	0.511	0.533	
		Left Tilted	0.433	0.089	0.195	0.110	0.022	0.106	0.738	0.650	0.734	0.394	0.306	0.390	
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Right Cheek	0.949	0.926	0.195	0.109	0.148	0.143	1.253	1.292	1.287	1.230	1.269	1.264	
		Right Tilted	0.304	0.586	0.145	0.076	0.040	0.055	0.525	0.489	0.504	0.807	0.771	0.786	
		Left Cheek	0.554	0.469	0.198	0.142	0.119	0.141	0.894	0.871	0.893	0.809	0.786	0.808	
		Left Tilted	0.385	0.456	0.195	0.110	0.022	0.106	0.690	0.602	0.686	0.761	0.673	0.757	
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Right Cheek	0.885	0.920	0.195	0.109	0.148	0.143	1.189	1.228	1.223	1.224	1.263	1.258	
		Right Tilted	0.210	0.348	0.145	0.076	0.040	0.055	0.431	0.395	0.410	0.569	0.533	0.548	
		Left Cheek	0.310	0.485	0.198	0.142	0.119	0.141	0.650	0.627	0.649	0.825	0.802	0.824	
		Left Tilted	0.158	0.373	0.195	0.110	0.022	0.106	0.463	0.375	0.459	0.678	0.590	0.674	
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Right Cheek	0.289	0.217	0.195	0.109	0.148	0.143	0.593	0.632	0.627	0.521	0.560	0.555	
		Right Tilted	0.136	0.097	0.145	0.076	0.040	0.055	0.357	0.321	0.336	0.318	0.282	0.297	
		Left Cheek	0.965	0.475	0.198	0.142	0.119	0.141	1.305	1.282	1.304	0.815	0.792	0.814	
		Left Tilted	0.161	0.094	0.195	0.110	0.022	0.106	0.466	0.378	0.462	0.399	0.311	0.395	
		Right Cheek	0.987	0.222	0.195	0.109	0.148	0.143	1.291	1.330	1.325	0.526	0.565	0.560	



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LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Right Tilted	0.285	0.126	0.145	0.076	0.040	0.055	0.506	0.470	0.485	0.347	0.311	0.326
		Left Cheek	0.845	0.327	0.198	0.142	0.119	0.141	1.185	1.162	1.184	0.667	0.644	0.666
		Left Tilted	0.509	0.143	0.195	0.110	0.022	0.106	0.814	0.726	0.810	0.448	0.360	0.444
LTE Band 30_Ant 0 TX1	FR1 n38_Ant 0 TX1	Right Cheek	0.231	0.196	0.195	0.109	0.148	0.143	0.535	0.574	0.569	0.500	0.539	0.534
		Right Tilted	0.133	0.177	0.145	0.076	0.040	0.055	0.354	0.318	0.333	0.398	0.362	0.377
		Left Cheek	0.350	0.392	0.198	0.142	0.119	0.141	0.690	0.667	0.689	0.732	0.709	0.731
LTE Band 38_Ant 0 TX1	FR1 n41_Ant 0 TX1	Left Tilted	0.128	0.130	0.195	0.110	0.022	0.106	0.433	0.345	0.429	0.435	0.347	0.431
		Right Cheek	0.089	0.213	0.195	0.109	0.148	0.143	0.393	0.432	0.427	0.517	0.556	0.551
		Right Tilted	0.001	0.148	0.145	0.076	0.040	0.055	0.222	0.186	0.201	0.369	0.333	0.348
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Left Cheek	0.290	0.375	0.198	0.142	0.119	0.141	0.630	0.607	0.629	0.715	0.692	0.714
		Left Tilted	0.001	0.129	0.195	0.110	0.022	0.106	0.306	0.218	0.302	0.434	0.346	0.430
		Right Cheek	0.084	0.364	0.195	0.109	0.148	0.143	0.388	0.427	0.422	0.668	0.707	0.702
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Right Tilted	0.001	0.305	0.145	0.076	0.040	0.055	0.222	0.186	0.201	0.526	0.490	0.505
		Left Cheek	0.462	0.379	0.198	0.142	0.119	0.141	0.802	0.779	0.801	0.719	0.696	0.718
		Left Tilted	0.001	0.230	0.195	0.110	0.022	0.106	0.306	0.218	0.302	0.535	0.447	0.531
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Right Cheek	0.195	0.279	0.195	0.109	0.148	0.143	0.499	0.538	0.533	0.583	0.622	0.617
		Right Tilted	0.150	0.219	0.145	0.076	0.040	0.055	0.371	0.335	0.350	0.440	0.404	0.419
		Left Cheek	0.204	0.742	0.198	0.142	0.119	0.141	0.544	0.521	0.543	1.082	1.059	1.081
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Left Tilted	0.169	0.187	0.195	0.110	0.022	0.106	0.474	0.386	0.470	0.492	0.404	0.488
		Right Cheek	0.283	0.881	0.195	0.109	0.148	0.143	0.587	0.626	0.621	1.185	1.224	1.219
		Right Tilted	0.219	0.439	0.145	0.076	0.040	0.055	0.440	0.404	0.419	0.660	0.624	0.639
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Left Cheek	0.765	0.570	0.198	0.142	0.119	0.141	1.105	1.082	1.104	0.910	0.887	0.909
		Left Tilted	0.234	0.436	0.195	0.110	0.022	0.106	0.539	0.451	0.535	0.741	0.653	0.737
		Right Cheek	0.987	0.289	0.195	0.109	0.148	0.143	1.291	1.330	1.325	0.593	0.632	0.627
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Right Tilted	0.390	0.269	0.145	0.076	0.040	0.055	0.611	0.575	0.590	0.490	0.454	0.469
		Left Cheek	0.519	0.424	0.198	0.142	0.119	0.141	0.859	0.836	0.858	0.764	0.741	0.763
		Left Tilted	0.330	0.127	0.195	0.110	0.022	0.106	0.635	0.547	0.631	0.432	0.344	0.428
LTE Band 66_Ant 5 SUB_TX1	FR1 n41_Ant 5 SUB_TX1	Right Cheek	0.001	0.001	0.195	0.109	0.148	0.143	0.305	0.344	0.339	0.305	0.344	0.339
		Right Tilted	0.001	0.001	0.145	0.076	0.040	0.055	0.222	0.186	0.201	0.222	0.186	0.201
		Left Cheek	0.015	0.032	0.198	0.142	0.119	0.141	0.355	0.332	0.354	0.372	0.349	0.371
LTE Band 66_Ant 5 SUB_TX1	FR1 n48_Ant 5 SUB_TX1	Left Tilted	0.001	0.001	0.195	0.110	0.022	0.106	0.306	0.218	0.302	0.306	0.218	0.302
		Right Cheek	0.001	0.001	0.195	0.109	0.148	0.143	0.305	0.344	0.339	0.305	0.344	0.339
		Right Tilted	0.001	0.001	0.145	0.076	0.040	0.055	0.222	0.186	0.201	0.222	0.186	0.201
LTE Band 66_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Left Cheek	0.009	0.002	0.198	0.142	0.119	0.141	0.349	0.326	0.348	0.342	0.319	0.341
		Left Tilted	0.001	0.001	0.195	0.110	0.022	0.106	0.306	0.218	0.302	0.306	0.218	0.302
		Right Cheek	0.001	0.001	0.195	0.109	0.148	0.143	0.305	0.344	0.339	0.305	0.344	0.339
LTE Band 66_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Right Tilted	0.001	0.001	0.145	0.076	0.040	0.055	0.222	0.186	0.201	0.222	0.186	0.201
		Left Cheek	0.027	0.198	0.142	0.119	0.141					0.367	0.344	0.366
		Left Tilted	0.001	0.195	0.110	0.022	0.106					0.306	0.218	0.302
LTE Band 66_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Right Cheek	0.067	0.195	0.109	0.148	0.143					0.371	0.410	0.405
		Right Tilted	0.001	0.145	0.076	0.040	0.055					0.222	0.186	0.201
		Left Cheek	0.081	0.198	0.142	0.119	0.141					0.421	0.398	0.420
LTE Band 66_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Left Tilted	0.001	0.195	0.110	0.022	0.106					0.306	0.218	0.302















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FR1 n48_Ant 1 SUB_TX0	Right Tilted	0.466	0.111	0.102	0.120	0.145				0.722	0.713	0.731
	Left Cheek	0.308	0.214	0.173	0.194	0.198				0.720	0.679	0.700
	Left Tilted	0.330	0.166	0.074	0.179	0.195				0.691	0.599	0.704
FR1 n77_Ant 1 SUB_TX0	Right Cheek	0.942	0.183	0.196	0.187	0.195				1.320	1.333	1.324
	Right Tilted	0.329	0.111	0.102	0.120	0.145				0.585	0.576	0.594
	Left Cheek	0.320	0.214	0.173	0.194	0.198				0.732	0.691	0.712
	Left Tilted	0.324	0.166	0.074	0.179	0.195				0.685	0.593	0.698

<Open mode>

<WWAN Index 8, WLAN Index 6 (RSDB)>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)						
GSM850_Ant 1 TX1		Right Cheek	0.987		0.183	0.196	0.187	0.195	1.365	1.378	1.369			
		Right Tilted	0.405		0.111	0.102	0.120	0.145	0.661	0.652	0.670			
		Left Cheek	0.512		0.214	0.173	0.194	0.198	0.924	0.883	0.904			
		Left Tilted	0.244		0.166	0.074	0.179	0.195	0.605	0.513	0.618			
GSM1900_Ant 0 TX1		Right Cheek	0.248		0.183	0.196	0.187	0.195	0.626	0.639	0.630			
		Right Tilted	0.001		0.111	0.102	0.120	0.145	0.257	0.248	0.266			
		Left Cheek	0.533		0.214	0.173	0.194	0.198	0.945	0.904	0.925			
		Left Tilted	0.109		0.166	0.074	0.179	0.195	0.470	0.378	0.483			
WCDMA II_Ant 0 TX1		Right Cheek	0.193		0.183	0.196	0.187	0.195	0.571	0.584	0.575			
		Right Tilted	0.081		0.111	0.102	0.120	0.145	0.337	0.328	0.346			
		Left Cheek	0.811		0.214	0.173	0.194	0.198	1.223	1.182	1.203			
		Left Tilted	0.109		0.166	0.074	0.179	0.195	0.470	0.378	0.483			
WCDMA IV_Ant 0 TX1		Right Cheek	0.298		0.183	0.196	0.187	0.195	0.676	0.689	0.680			
		Right Tilted	0.193		0.111	0.102	0.120	0.145	0.449	0.440	0.458			
		Left Cheek	0.711		0.214	0.173	0.194	0.198	1.123	1.082	1.103			
		Left Tilted	0.236		0.166	0.074	0.179	0.195	0.597	0.505	0.610			
WCDMA V_Ant 1 TX1		Right Cheek	0.991		0.183	0.196	0.187	0.195	1.369	1.382	1.373			
		Right Tilted	0.264		0.111	0.102	0.120	0.145	0.520	0.511	0.529			
		Left Cheek	0.383		0.214	0.173	0.194	0.198	0.795	0.754	0.775			
		Left Tilted	0.157		0.166	0.074	0.179	0.195	0.518	0.426	0.531			
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Right Cheek	0.142	0.950	0.183	0.196	0.187	0.195	0.520	0.533	0.524	1.328	1.341	1.332
		Right Tilted	0.083	0.458	0.111	0.102	0.120	0.145	0.339	0.330	0.348	0.714	0.705	0.723
		Left Cheek	0.363	0.470	0.214	0.173	0.194	0.198	0.775	0.734	0.755	0.882	0.841	0.862
		Left Tilted	0.113	0.332	0.166	0.074	0.179	0.195	0.474	0.382	0.487	0.693	0.601	0.706
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Right Cheek	0.981	0.146	0.183	0.196	0.187	0.195	1.359	1.372	1.363	0.524	0.537	0.528
		Right Tilted	0.385	0.074	0.111	0.102	0.120	0.145	0.641	0.632	0.650	0.330	0.321	0.339
		Left Cheek	0.600	0.194	0.214	0.173	0.194	0.198	1.012	0.971	0.992	0.606	0.565	0.586
		Left Tilted	0.433	0.089	0.166	0.074	0.179	0.195	0.794	0.702	0.807	0.450	0.358	0.463
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Right Cheek	0.949	0.926	0.183	0.196	0.187	0.195	1.327	1.340	1.331	1.304	1.317	1.308
		Right Tilted	0.304	0.586	0.111	0.102	0.120	0.145	0.560	0.551	0.569	0.842	0.833	0.851
		Left Cheek	0.554	0.469	0.214	0.173	0.194	0.198	0.966	0.925	0.946	0.881	0.840	0.861
		Left Tilted	0.385	0.456	0.166	0.074	0.179	0.195	0.746	0.654	0.759	0.817	0.725	0.830
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Right Cheek	0.885	0.920	0.183	0.196	0.187	0.195	1.263	1.276	1.267	1.298	1.311	1.302
		Right Tilted	0.210	0.348	0.111	0.102	0.120	0.145	0.466	0.457	0.475	0.604	0.595	0.613
		Left Cheek	0.310	0.485	0.214	0.173	0.194	0.198	0.722	0.681	0.702	0.897	0.856	0.877
		Left Tilted	0.158	0.373	0.166	0.074	0.179	0.195	0.519	0.427	0.532	0.734	0.642	0.747
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Right Cheek	0.289	0.217	0.183	0.196	0.187	0.195	0.667	0.680	0.671	0.595	0.608	0.599
		Right Tilted	0.136	0.097	0.111	0.102	0.120	0.145	0.392	0.383	0.401	0.353	0.344	0.362
		Left Cheek	0.965	0.475	0.214	0.173	0.194	0.198	1.377	1.336	1.357	0.887	0.846	0.867
		Left Tilted	0.161	0.094	0.166	0.074	0.179	0.195	0.522	0.430	0.535	0.455	0.363	0.468
		Right Cheek	0.987	0.222	0.183	0.196	0.187	0.195	1.365	1.378	1.369	0.600	0.613	0.604



**FCC SAR TEST REPORT**

**Report No. : FA262403-04D**

LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Right Tilted	0.285	0.126	0.111	0.102	0.120	0.145	0.541	0.532	0.550	0.382	0.373	0.391
		Left Cheek	0.845	0.327	0.214	0.173	0.194	0.198	1.257	1.216	1.237	0.739	0.698	0.719
		Left Tilted	0.509	0.143	0.166	0.074	0.179	0.195	0.870	0.778	0.883	0.504	0.412	0.517
LTE Band 30_Ant 0 TX1	FR1 n38_Ant 0 TX1	Right Cheek	0.231	0.196	0.183	0.196	0.187	0.195	0.609	0.622	0.613	0.574	0.587	0.578
		Right Tilted	0.133	0.177	0.111	0.102	0.120	0.145	0.389	0.380	0.398	0.433	0.424	0.442
		Left Cheek	0.350	0.392	0.214	0.173	0.194	0.198	0.762	0.721	0.742	0.804	0.763	0.784
LTE Band 38_Ant 0 TX1	FR1 n41_Ant 0 TX1	Left Tilted	0.128	0.130	0.166	0.074	0.179	0.195	0.489	0.397	0.502	0.491	0.399	0.504
		Right Cheek	0.089	0.213	0.183	0.196	0.187	0.195	0.467	0.480	0.471	0.591	0.604	0.595
		Right Tilted	0.001	0.148	0.111	0.102	0.120	0.145	0.257	0.248	0.266	0.404	0.395	0.413
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Left Cheek	0.290	0.375	0.214	0.173	0.194	0.198	0.702	0.661	0.682	0.787	0.746	0.767
		Left Tilted	0.001	0.129	0.166	0.074	0.179	0.195	0.362	0.270	0.375	0.490	0.398	0.503
		Right Cheek	0.084	0.364	0.183	0.196	0.187	0.195	0.462	0.475	0.466	0.742	0.755	0.746
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Right Tilted	0.001	0.305	0.111	0.102	0.120	0.145	0.257	0.248	0.266	0.561	0.552	0.570
		Left Cheek	0.462	0.379	0.214	0.173	0.194	0.198	0.874	0.833	0.854	0.791	0.750	0.771
		Left Tilted	0.001	0.230	0.166	0.074	0.179	0.195	0.362	0.270	0.375	0.591	0.499	0.604
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Right Cheek	0.195	0.279	0.183	0.196	0.187	0.195	0.573	0.586	0.577	0.657	0.670	0.661
		Right Tilted	0.150	0.219	0.111	0.102	0.120	0.145	0.406	0.397	0.415	0.475	0.466	0.484
		Left Cheek	0.204	0.742	0.214	0.173	0.194	0.198	0.616	0.575	0.596	1.154	1.113	1.134
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Left Tilted	0.169	0.187	0.166	0.074	0.179	0.195	0.530	0.438	0.543	0.548	0.456	0.561
		Right Cheek	0.283	0.881	0.183	0.196	0.187	0.195	0.661	0.674	0.665	1.259	1.272	1.263
		Right Tilted	0.219	0.439	0.111	0.102	0.120	0.145	0.475	0.466	0.484	0.695	0.686	0.704
LTE Band 2_Ant 5 SUB_TX1	FR1 n82_Ant 5 SUB_TX1	Left Cheek	0.765	0.570	0.214	0.173	0.194	0.198	1.177	1.136	1.157	0.982	0.941	0.962
		Left Tilted	0.234	0.436	0.166	0.074	0.179	0.195	0.595	0.503	0.608	0.797	0.705	0.810
		Right Cheek	0.987	0.289	0.183	0.196	0.187	0.195	1.365	1.378	1.369	0.667	0.680	0.671
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Right Tilted	0.390	0.269	0.111	0.102	0.120	0.145	0.646	0.637	0.655	0.525	0.516	0.534
		Left Cheek	0.519	0.424	0.214	0.173	0.194	0.198	0.931	0.890	0.911	0.836	0.795	0.816
		Left Tilted	0.330	0.127	0.166	0.074	0.179	0.195	0.691	0.599	0.704	0.488	0.396	0.501
LTE Band 66_Ant 5 SUB_TX1	FR1 n41_Ant 5 SUB_TX1	Right Cheek	0.001	0.001	0.183	0.196	0.187	0.195	0.379	0.392	0.383	0.379	0.392	0.383
		Right Tilted	0.001	0.001	0.111	0.102	0.120	0.145	0.257	0.248	0.266	0.257	0.248	0.266
		Left Cheek	0.015	0.032	0.214	0.173	0.194	0.198	0.427	0.386	0.407	0.444	0.403	0.424
LTE Band 66_Ant 5 SUB_TX1	FR1 n48_Ant 5 SUB_TX1	Left Tilted	0.001	0.001	0.166	0.074	0.179	0.195	0.362	0.270	0.375	0.362	0.270	0.375
		Right Cheek	0.001	0.001	0.183	0.196	0.187	0.195	0.379	0.392	0.383	0.379	0.392	0.383
		Right Tilted	0.001	0.001	0.111	0.102	0.120	0.145	0.257	0.248	0.266	0.257	0.248	0.266
LTE Band 66_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Left Cheek	0.009	0.002	0.214	0.173	0.194	0.198	0.421	0.380	0.401	0.414	0.373	0.394
		Left Tilted	0.001	0.001	0.166	0.074	0.179	0.195	0.362	0.270	0.375	0.362	0.270	0.375
		Right Cheek	0.001	0.001	0.183	0.196	0.187	0.195	0.379	0.392	0.383	0.379	0.392	0.383
LTE Band 66_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Right Tilted	0.001	0.001	0.111	0.102	0.120	0.145	0.257	0.248	0.266	0.257	0.248	0.266
		Left Cheek	0.027	0.214	0.173	0.194	0.198	0.198	0.439	0.398	0.419	0.439	0.398	0.419
		Left Tilted	0.001	0.166	0.074	0.179	0.195	0.195	0.362	0.270	0.375	0.362	0.270	0.375
LTE Band 66_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Right Cheek	0.067	0.183	0.196	0.187	0.195	0.195	0.445	0.458	0.449	0.445	0.458	0.449
		Right Tilted	0.001	0.111	0.102	0.120	0.145	0.145	0.257	0.248	0.266	0.257	0.248	0.266
		Left Cheek	0.081	0.214	0.173	0.194	0.198	0.198	0.493	0.452	0.473	0.493	0.452	0.473
LTE Band 66_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Left Tilted	0.001	0.166	0.074	0.179	0.195	0.195	0.362	0.270	0.375	0.362	0.270	0.375



<Open mode>

<WLAN Index 7, BT Index 5>

Exposure Position	4	5	6	7	4+5 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
	WLAN5/6GHz Ant 3+4	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4			
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Right Cheek	0.694	0.109	0.148	0.143	0.803	0.842	0.837
Right Tilted	0.624	0.076	0.040	0.055	0.700	0.664	0.679
Left Cheek	1.162	0.142	0.119	0.141	1.304	1.281	1.303
Left Tilted	1.188	0.110	0.022	0.106	1.298	1.210	1.294

<Open mode>

<WLAN Index 7 (RSDB)>

Exposure Position	1	2	3	4	1+4 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4			
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Right Cheek	0.628	0.787	0.486	0.449	1.077	1.236	0.935
Right Tilted	0.419	0.256	0.383	0.428	0.847	0.684	0.811
Left Cheek	0.799	0.515	0.712	0.787	1.586	1.302	1.499
Left Tilted	0.668	0.140	0.579	0.775	1.443	0.915	1.354

<Open mode>

<WWAN Index 8, BT Index 5>

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)
			WWAN	FR1	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM850_Ant 0 TX0		Right Cheek	0.404		0.109	0.148	0.143	0.513	0.552	0.547			
		Right Tilted	0.285		0.076	0.040	0.055	0.361	0.325	0.340			
		Left Cheek	0.606		0.142	0.119	0.141	0.748	0.725	0.747			
		Left Tilted	0.204		0.110	0.022	0.106	0.314	0.226	0.310			
GSM1900_Ant 2 TX0		Right Cheek	0.066		0.109	0.148	0.143	0.175	0.214	0.209			
		Right Tilted	0.001		0.076	0.040	0.055	0.077	0.041	0.056			
		Left Cheek	0.258		0.142	0.119	0.141	0.400	0.377	0.399			
		Left Tilted	0.079		0.110	0.022	0.106	0.189	0.101	0.185			
WCDMA II_Ant 2 TX0		Right Cheek	0.173		0.109	0.148	0.143	0.282	0.321	0.316			
		Right Tilted	0.158		0.076	0.040	0.055	0.234	0.198	0.213			
		Left Cheek	0.381		0.142	0.119	0.141	0.523	0.500	0.522			
		Left Tilted	0.097		0.110	0.022	0.106	0.207	0.119	0.203			
WCDMA IV_Ant 2 TX0		Right Cheek	0.289		0.109	0.148	0.143	0.398	0.437	0.432			
		Right Tilted	0.281		0.076	0.040	0.055	0.357	0.321	0.336			
		Left Cheek	0.527		0.142	0.119	0.141	0.669	0.646	0.668			
		Left Tilted	0.250		0.110	0.022	0.106	0.360	0.272	0.356			
WCDMA V_Ant 0 TX0		Right Cheek	0.258		0.109	0.148	0.143	0.367	0.406	0.401			
		Right Tilted	0.090		0.076	0.040	0.055	0.166	0.130	0.145			
		Left Cheek	0.465		0.142	0.119	0.141	0.607	0.584	0.606			
		Left Tilted	0.221		0.110	0.022	0.106	0.331	0.243	0.327			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Right Cheek	0.198	0.252	0.109	0.148	0.143	0.307	0.346	0.341	0.361	0.400	0.395
		Right Tilted	0.176	0.188	0.076	0.040	0.055	0.252	0.216	0.231	0.264	0.228	0.243
		Left Cheek	0.234	0.440	0.142	0.119	0.141	0.376	0.353	0.375	0.582	0.559	0.581
		Left Tilted	0.058	0.163	0.110	0.022	0.106	0.168	0.080	0.164	0.273	0.185	0.269
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Right Cheek	0.101	0.139	0.109	0.148	0.143	0.210	0.249	0.244	0.248	0.287	0.282
		Right Tilted	0.043	0.067	0.076	0.040	0.055	0.119	0.083	0.098	0.143	0.107	0.122





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		Left Cheek	0.308	0.142	0.119	0.141					0.450	0.427	0.449
		Left Tilted	0.330	0.110	0.022	0.106					0.440	0.352	0.436
FR1 n77_Ant 1 SUB_TX0		Right Cheek	0.942	0.109	0.148	0.143					1.051	1.090	1.085
		Right Tilted	0.329	0.076	0.040	0.055					0.405	0.369	0.384
		Left Cheek	0.320	0.142	0.119	0.141					0.462	0.439	0.461
		Left Tilted	0.324	0.110	0.022	0.106					0.434	0.346	0.430

<Open mode>

<WWAN Index 8, BT Index 5>

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)						
GSM850_Ant 1 TX1		Right Cheek	0.987		0.109	0.148	0.143	1.096	1.135	1.130			
		Right Tilted	0.405		0.076	0.040	0.055	0.481	0.445	0.460			
		Left Cheek	0.512		0.142	0.119	0.141	0.654	0.631	0.653			
		Left Tilted	0.244		0.110	0.022	0.106	0.354	0.266	0.350			
GSM1900_Ant 0 TX1		Right Cheek	0.248		0.109	0.148	0.143	0.357	0.396	0.391			
		Right Tilted	0.001		0.076	0.040	0.055	0.077	0.041	0.056			
		Left Cheek	0.533		0.142	0.119	0.141	0.675	0.652	0.674			
		Left Tilted	0.109		0.110	0.022	0.106	0.219	0.131	0.215			
WCDMA II_Ant 0 TX1		Right Cheek	0.193		0.109	0.148	0.143	0.302	0.341	0.336			
		Right Tilted	0.081		0.076	0.040	0.055	0.157	0.121	0.136			
		Left Cheek	0.811		0.142	0.119	0.141	0.953	0.930	0.952			
		Left Tilted	0.109		0.110	0.022	0.106	0.219	0.131	0.215			
WCDMA IV_Ant 0 TX1		Right Cheek	0.298		0.109	0.148	0.143	0.407	0.446	0.441			
		Right Tilted	0.193		0.076	0.040	0.055	0.269	0.233	0.248			
		Left Cheek	0.711		0.142	0.119	0.141	0.853	0.830	0.852			
		Left Tilted	0.236		0.110	0.022	0.106	0.346	0.258	0.342			
WCDMA V_Ant 1 TX1		Right Cheek	0.991		0.109	0.148	0.143	1.100	1.139	1.134			
		Right Tilted	0.264		0.076	0.040	0.055	0.340	0.304	0.319			
		Left Cheek	0.383		0.142	0.119	0.141	0.525	0.502	0.524			
		Left Tilted	0.157		0.110	0.022	0.106	0.267	0.179	0.263			
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Right Cheek	0.142	0.950	0.109	0.148	0.143	0.251	0.290	0.285	1.059	1.098	1.093
		Right Tilted	0.083	0.458	0.076	0.040	0.055	0.159	0.123	0.138	0.534	0.498	0.513
		Left Cheek	0.363	0.470	0.142	0.119	0.141	0.505	0.482	0.504	0.612	0.589	0.611
		Left Tilted	0.113	0.332	0.110	0.022	0.106	0.223	0.135	0.219	0.442	0.354	0.438
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Right Cheek	0.981	0.146	0.109	0.148	0.143	1.090	1.129	1.124	0.255	0.294	0.289
		Right Tilted	0.385	0.074	0.076	0.040	0.055	0.461	0.425	0.440	0.150	0.114	0.129
		Left Cheek	0.600	0.194	0.142	0.119	0.141	0.742	0.719	0.741	0.336	0.313	0.335
		Left Tilted	0.433	0.089	0.110	0.022	0.106	0.543	0.455	0.539	0.199	0.111	0.195
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Right Cheek	0.949	0.926	0.109	0.148	0.143	1.058	1.097	1.092	1.035	1.074	1.069
		Right Tilted	0.304	0.586	0.076	0.040	0.055	0.380	0.344	0.359	0.662	0.626	0.641
		Left Cheek	0.554	0.469	0.142	0.119	0.141	0.696	0.673	0.695	0.611	0.588	0.610
		Left Tilted	0.385	0.456	0.110	0.022	0.106	0.495	0.407	0.491	0.566	0.478	0.562
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Right Cheek	0.885	0.920	0.109	0.148	0.143	0.994	1.033	1.028	1.029	1.068	1.063
		Right Tilted	0.210	0.348	0.076	0.040	0.055	0.286	0.250	0.265	0.424	0.388	0.403
		Left Cheek	0.310	0.485	0.142	0.119	0.141	0.452	0.429	0.451	0.627	0.604	0.626
		Left Tilted	0.158	0.373	0.110	0.022	0.106	0.268	0.180	0.264	0.483	0.395	0.479
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Right Cheek	0.289	0.217	0.109	0.148	0.143	0.398	0.437	0.432	0.326	0.365	0.360
		Right Tilted	0.136	0.097	0.076	0.040	0.055	0.212	0.176	0.191	0.173	0.137	0.152
		Left Cheek	0.965	0.475	0.142	0.119	0.141	1.107	1.084	1.106	0.617	0.594	0.616
		Left Tilted	0.161	0.094	0.110	0.022	0.106	0.271	0.183	0.267	0.204	0.116	0.200
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Right Cheek	0.987	0.222	0.109	0.148	0.143	1.096	1.135	1.130	0.331	0.370	0.365
		Right Tilted	0.285	0.126	0.076	0.040	0.055	0.361	0.325	0.340	0.202	0.166	0.181



		Left Cheek	0.845	0.327	0.142	0.119	0.141	0.987	0.964	0.986	0.469	0.446	0.468
		Left Tilted	0.509	0.143	0.110	0.022	0.106	0.619	0.531	0.615	0.253	0.165	0.249
LTE Band 30_Ant 0 TX1	FR1 n38_Ant 0 TX1	Right Cheek	0.231	0.196	0.109	0.148	0.143	0.340	0.379	0.374	0.305	0.344	0.339
		Right Tilted	0.133	0.177	0.076	0.040	0.055	0.209	0.173	0.188	0.253	0.217	0.232
		Left Cheek	0.350	0.392	0.142	0.119	0.141	0.492	0.469	0.491	0.534	0.511	0.533
		Left Tilted	0.128	0.130	0.110	0.022	0.106	0.238	0.150	0.234	0.240	0.152	0.236
LTE Band 38_Ant 0 TX1	FR1 n41_Ant 0 TX1	Right Cheek	0.089	0.213	0.109	0.148	0.143	0.198	0.237	0.232	0.322	0.361	0.356
		Right Tilted	0.001	0.148	0.076	0.040	0.055	0.077	0.041	0.056	0.224	0.188	0.203
		Left Cheek	0.290	0.375	0.142	0.119	0.141	0.432	0.409	0.431	0.517	0.494	0.516
		Left Tilted	0.001	0.129	0.110	0.022	0.106	0.111	0.023	0.107	0.239	0.151	0.235
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Right Cheek	0.084	0.364	0.109	0.148	0.143	0.193	0.232	0.227	0.473	0.512	0.507
		Right Tilted	0.001	0.305	0.076	0.040	0.055	0.077	0.041	0.056	0.381	0.345	0.360
		Left Cheek	0.462	0.379	0.142	0.119	0.141	0.604	0.581	0.603	0.521	0.498	0.520
		Left Tilted	0.001	0.230	0.110	0.022	0.106	0.111	0.023	0.107	0.340	0.252	0.336
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Right Cheek	0.195	0.279	0.109	0.148	0.143	0.304	0.343	0.338	0.388	0.427	0.422
		Right Tilted	0.150	0.219	0.076	0.040	0.055	0.226	0.190	0.205	0.295	0.259	0.274
		Left Cheek	0.204	0.742	0.142	0.119	0.141	0.346	0.323	0.345	0.884	0.861	0.883
		Left Tilted	0.169	0.187	0.110	0.022	0.106	0.279	0.191	0.275	0.297	0.209	0.293
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Right Cheek	0.283	0.881	0.109	0.148	0.143	0.392	0.431	0.426	0.990	1.029	1.024
		Right Tilted	0.219	0.439	0.076	0.040	0.055	0.295	0.259	0.274	0.515	0.479	0.494
		Left Cheek	0.765	0.570	0.142	0.119	0.141	0.907	0.884	0.906	0.712	0.689	0.711
		Left Tilted	0.234	0.436	0.110	0.022	0.106	0.344	0.256	0.340	0.546	0.458	0.542
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Right Cheek	0.987	0.289	0.109	0.148	0.143	1.096	1.135	1.130	0.398	0.437	0.432
		Right Tilted	0.390	0.269	0.076	0.040	0.055	0.466	0.430	0.445	0.345	0.309	0.324
		Left Cheek	0.519	0.424	0.142	0.119	0.141	0.661	0.638	0.660	0.566	0.543	0.565
		Left Tilted	0.330	0.127	0.110	0.022	0.106	0.440	0.352	0.436	0.237	0.149	0.233
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Right Cheek	0.001	0.001	0.109	0.148	0.143	0.110	0.149	0.144	0.110	0.149	0.144
		Right Tilted	0.001	0.001	0.076	0.040	0.055	0.077	0.041	0.056	0.077	0.041	0.056
		Left Cheek	0.015	0.032	0.142	0.119	0.141	0.157	0.134	0.156	0.174	0.151	0.173
		Left Tilted	0.001	0.001	0.110	0.022	0.106	0.111	0.023	0.107	0.111	0.023	0.107
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Right Cheek	0.001	0.001	0.109	0.148	0.143	0.110	0.149	0.144	0.110	0.149	0.144
		Right Tilted	0.001	0.001	0.076	0.040	0.055	0.077	0.041	0.056	0.077	0.041	0.056
		Left Cheek	0.009	0.002	0.142	0.119	0.141	0.151	0.128	0.150	0.144	0.121	0.143
		Left Tilted	0.001	0.001	0.110	0.022	0.106	0.111	0.023	0.107	0.111	0.023	0.107
	FR1 n41_Ant 5 SUB_TX1	Right Cheek		0.071	0.109	0.148	0.143				0.180	0.219	0.214
		Right Tilted		0.002	0.076	0.040	0.055				0.078	0.042	0.057
		Left Cheek		0.102	0.142	0.119	0.141				0.244	0.221	0.243
		Left Tilted		0.002	0.110	0.022	0.106				0.112	0.024	0.108
	FR1 n48_Ant 5 SUB_TX1	Right Cheek		0.020	0.109	0.148	0.143				0.129	0.168	0.163
		Right Tilted		0.001	0.076	0.040	0.055				0.077	0.041	0.056
		Left Cheek		0.027	0.142	0.119	0.141				0.169	0.146	0.168
		Left Tilted		0.001	0.110	0.022	0.106				0.111	0.023	0.107
	FR1 n77_Ant 5 SUB_TX1	Right Cheek		0.067	0.109	0.148	0.143				0.176	0.215	0.210
		Right Tilted		0.001	0.076	0.040	0.055				0.077	0.041	0.056
		Left Cheek		0.081	0.142	0.119	0.141				0.223	0.200	0.222
		Left Tilted		0.001	0.110	0.022	0.106				0.111	0.023	0.107



16.3 Hotspot Exposure Conditions

<Closed mode>

<WWAN Index 4, WLAN Index 3, BT Index 2>

WWAN Band	FR1 Band	Exposure Position	1	2	6	9	10	11	1+6+9	1+6+10	1+6+11	2+6+9	2+6+10	2+6+11
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 0 TX0		Front	0.484		0.115	0.051	0.010	0.052	0.650	0.609	0.651			
		Back	0.596		0.378	0.149	0.142	0.194	1.123	1.116	1.168			
		Left side			0.072	0.017	0.001	0.016	0.089	0.073	0.088			
		Right side	0.835		0.146	0.001	0.171	0.152	0.982	1.152	1.133			
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567			
		Bottom side	0.318						0.318	0.318	0.318			
GSM1900_Ant 2 TX0		Front	0.334		0.115	0.051	0.010	0.052	0.500	0.459	0.501			
		Back	0.289		0.378	0.149	0.142	0.194	0.816	0.809	0.861			
		Left side	0.084		0.072	0.017	0.001	0.016	0.173	0.157	0.172			
		Right side	0.070		0.146	0.001	0.171	0.152	0.217	0.387	0.368			
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567			
		Bottom side	0.995						0.995	0.995	0.995			
WCDMA II_Ant 2 TX0		Front	0.409		0.115	0.051	0.010	0.052	0.575	0.534	0.576			
		Back	0.424		0.378	0.149	0.142	0.194	0.951	0.944	0.996			
		Left side	0.064		0.072	0.017	0.001	0.016	0.153	0.137	0.152			
		Right side	0.050		0.146	0.001	0.171	0.152	0.197	0.367	0.348			
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567			
		Bottom side	0.937						0.937	0.937	0.937			
WCDMA IV_Ant 2 TX0		Front	0.305		0.115	0.051	0.010	0.052	0.471	0.430	0.472			
		Back	0.589		0.378	0.149	0.142	0.194	1.116	1.109	1.161			
		Left side	0.049		0.072	0.017	0.001	0.016	0.138	0.122	0.137			
		Right side	0.031		0.146	0.001	0.171	0.152	0.178	0.348	0.329			
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567			
		Bottom side	0.936						0.936	0.936	0.936			
WCDMA V_Ant 0 TX0		Front	0.378		0.115	0.051	0.010	0.052	0.544	0.503	0.545			
		Back	0.518		0.378	0.149	0.142	0.194	1.045	1.038	1.090			
		Left side			0.072	0.017	0.001	0.016	0.089	0.073	0.088			
		Right side	0.596		0.146	0.001	0.171	0.152	0.743	0.913	0.894			
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567			
		Bottom side	0.311						0.311	0.311	0.311			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.158	0.472	0.115	0.051	0.010	0.052	0.324	0.283	0.325	0.638	0.597	0.639
		Back	0.668	0.566	0.378	0.149	0.142	0.194	1.195	1.188	1.240	1.093	1.086	1.138
		Left side	0.045		0.072	0.017	0.001	0.016	0.134	0.118	0.133	0.089	0.073	0.088
		Right side	0.062	0.693	0.146	0.001	0.171	0.152	0.209	0.379	0.360	0.840	1.010	0.991
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567	0.470	0.396	0.567
		Bottom side	0.889	0.319					0.889	0.889	0.889	0.319	0.319	0.319
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.299	0.125	0.115	0.051	0.010	0.052	0.465	0.424	0.466	0.291	0.250	0.292
		Back	0.473	0.623	0.378	0.149	0.142	0.194	1.000	0.993	1.045	1.150	1.143	1.195
		Left side		0.037	0.072	0.017	0.001	0.016	0.089	0.073	0.088	0.126	0.110	0.125
		Right side	0.328	0.052	0.146	0.001	0.171	0.152	0.475	0.645	0.626	0.199	0.369	0.350
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567	0.470	0.396	0.567
		Bottom side	0.135	0.808					0.135	0.135	0.135	0.808	0.808	0.808
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.444	0.305	0.115	0.051	0.010	0.052	0.610	0.569	0.611	0.471	0.430	0.472
		Back	0.583	0.493	0.378	0.149	0.142	0.194	1.110	1.103	1.155	1.020	1.013	1.065
		Left side			0.072	0.017	0.001	0.016	0.089	0.073	0.088	0.089	0.073	0.088
		Right side	0.563	0.309	0.146	0.001	0.171	0.152	0.710	0.880	0.861	0.456	0.626	0.607
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567	0.470	0.396	0.567
		Bottom side												







LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Back	0.771	0.692	0.378	0.149	0.142	0.194	1.298	1.291	1.343	1.219	1.212	1.264
		Left side			0.072	0.017	0.001	0.016	0.089	0.073	0.088	0.089	0.073	0.088
		Right side	0.976	0.920	0.146	0.001	0.171	0.152	1.123	1.293	1.274	1.067	1.237	1.218
		Top side	0.298	0.287	0.395	0.075	0.001	0.172	0.768	0.694	0.865	0.757	0.683	0.854
		Bottom side							0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	0.183	0.414	0.115	0.051	0.010	0.052	0.349	0.308	0.350	0.580	0.539	0.581
		Back	0.481	0.744	0.378	0.149	0.142	0.194	1.008	1.001	1.053	1.271	1.264	1.316
		Left side			0.072	0.017	0.001	0.016	0.089	0.073	0.088	0.089	0.073	0.088
		Right side	0.983	0.975	0.146	0.001	0.171	0.152	1.130	1.300	1.281	1.122	1.292	1.273
		Top side	0.169	0.199	0.395	0.075	0.001	0.172	0.639	0.565	0.736	0.669	0.595	0.766
		Bottom side							0.000	0.000	0.000	0.000	0.000	0.000
	FR1 n41_Ant 1 SUB_TX0	Front		0.101	0.115	0.051	0.010	0.052				0.267	0.226	0.268
		Back		0.485	0.378	0.149	0.142	0.194				1.012	1.005	1.057
		Left side			0.072	0.017	0.001	0.016				0.089	0.073	0.088
		Right side		0.139	0.146	0.001	0.171	0.152				0.286	0.456	0.437
		Top side		0.397	0.395	0.075	0.001	0.172				0.867	0.793	0.964
		Bottom side										0.000	0.000	0.000
	FR1 n48_Ant 1 SUB_TX0	Front		0.216	0.115	0.051	0.010	0.052				0.382	0.341	0.383
		Back		0.576	0.378	0.149	0.142	0.194				1.103	1.096	1.148
		Left side			0.072	0.017	0.001	0.016				0.089	0.073	0.088
		Right side		0.441	0.146	0.001	0.171	0.152				0.588	0.758	0.739
		Top side		0.488	0.395	0.075	0.001	0.172				0.958	0.884	1.055
		Bottom side										0.000	0.000	0.000
	FR1 n77_Ant 1 SUB_TX0	Front		0.237	0.115	0.051	0.010	0.052				0.403	0.362	0.404
		Back		0.548	0.378	0.149	0.142	0.194				1.075	1.068	1.120
		Left side			0.072	0.017	0.001	0.016				0.089	0.073	0.088
		Right side		0.468	0.146	0.001	0.171	0.152				0.615	0.785	0.766
		Top side		0.414	0.395	0.075	0.001	0.172				0.884	0.810	0.981
		Bottom side										0.000	0.000	0.000

<Closed mode>

<WWAN Index 4, WLAN Index 3, BT Index 2>

WWAN Band	FR1 Band	Exposure Position	1	2	6	9	10	11	1+6+9	1+6+10	1+6+11	2+6+9	2+6+10	2+6+11
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 1 TX1		Front	0.199		0.115	0.051	0.010	0.052	0.365	0.324	0.366			
		Back	0.507		0.378	0.149	0.142	0.194	1.034	1.027	1.079			
		Left side			0.072	0.017	0.001	0.016	0.089	0.073	0.088			
		Right side	0.301		0.146	0.001	0.171	0.152	0.448	0.618	0.599			
		Top side	0.155		0.395	0.075	0.001	0.172	0.625	0.551	0.722			
		Bottom side							0.000	0.000	0.000			
GSM1900_Ant 0 TX1		Front	0.402		0.115	0.051	0.010	0.052	0.568	0.527	0.569			
		Back	0.336		0.378	0.149	0.142	0.194	0.863	0.856	0.908			
		Left side			0.072	0.017	0.001	0.016	0.089	0.073	0.088			
		Right side	0.835		0.146	0.001	0.171	0.152	0.982	1.152	1.133			
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567			
		Bottom side	0.277						0.277	0.277	0.277			
WCDMA II_Ant 0 TX1		Front	0.589		0.115	0.051	0.010	0.052	0.755	0.714	0.756			
		Back	0.540		0.378	0.149	0.142	0.194	1.067	1.060	1.112			
		Left side			0.072	0.017	0.001	0.016	0.089	0.073	0.088			
		Right side	0.828		0.146	0.001	0.171	0.152	0.975	1.145	1.126			
		Top side			0.395	0.075	0.001	0.172	0.470	0.396	0.567			
		Bottom side	0.429						0.429	0.429	0.429			
		Front	0.178		0.115	0.051	0.010	0.052	0.344	0.303	0.345			



FCC SAR TEST REPORT

Report No. : FA262403-04D

Table with columns for antenna type, side, and various numerical values. Rows include WCDMA IV\_Ant 0 TX1, WCDMA V\_Ant 1 TX1, LTE Band 7\_Ant 0 TX1, LTE Band 12\_Ant 1 TX1, LTE Band 13\_Ant 1 TX1, LTE Band 14\_Ant 1 TX1, LTE Band 25\_Ant 0 TX1, LTE Band 26\_Ant 1 TX1, LTE Band 30\_Ant 0 TX1, and LTE Band 38\_Ant 0 TX1.





















**FCC SAR TEST REPORT**

Report No. : FA262403-04D

		Right side	0.976	0.920	0.026	0.311	0.220	0.133	1.135	1.420	1.329	1.079	1.364	1.273
		Top side	0.298	0.287	0.116	0.001	0.060	0.297	0.711	0.596	0.655	0.700	0.585	0.644
		Bottom side							0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	0.183	0.414	0.111	0.046	0.066	0.096	0.390	0.325	0.345	0.621	0.556	0.576
		Back	0.481	0.744	0.274	0.252	0.286	0.294	1.049	1.027	1.061	1.312	1.290	1.324
		Left side			0.024	0.001	0.006	0.048	0.072	0.049	0.054	0.072	0.049	0.054
		Right side	0.983	0.975	0.026	0.311	0.220	0.133	1.142	1.427	1.336	1.134	1.419	1.328
		Top side	0.169	0.199	0.116	0.001	0.060	0.297	0.582	0.467	0.526	0.612	0.497	0.556
		Bottom side							0.000	0.000	0.000	0.000	0.000	0.000
	FR1 n41_Ant 1 SUB_TX0	Front		0.101	0.111	0.046	0.066	0.096				0.308	0.243	0.263
		Back		0.485	0.274	0.252	0.286	0.294				1.053	1.031	1.065
		Left side			0.024	0.001	0.006	0.048				0.072	0.049	0.054
		Right side		0.139	0.026	0.311	0.220	0.133				0.298	0.583	0.492
		Top side		0.397	0.116	0.001	0.060	0.297				0.810	0.695	0.754
		Bottom side										0.000	0.000	0.000
	FR1 n48_Ant 1 SUB_TX0	Front		0.216	0.111	0.046	0.066	0.096				0.423	0.358	0.378
		Back		0.576	0.274	0.252	0.286	0.294				1.144	1.122	1.156
		Left side			0.024	0.001	0.006	0.048				0.072	0.049	0.054
		Right side		0.441	0.026	0.311	0.220	0.133				0.600	0.885	0.794
		Top side		0.488	0.116	0.001	0.060	0.297				0.901	0.786	0.845
		Bottom side										0.000	0.000	0.000
	FR1 n77_Ant 1 SUB_TX0	Front		0.237	0.111	0.046	0.066	0.096				0.444	0.379	0.399
		Back		0.548	0.274	0.252	0.286	0.294				1.116	1.094	1.128
		Left side			0.024	0.001	0.006	0.048				0.072	0.049	0.054
		Right side		0.468	0.026	0.311	0.220	0.133				0.627	0.912	0.821
		Top side		0.414	0.116	0.001	0.060	0.297				0.827	0.712	0.771
		Bottom side										0.000	0.000	0.000

<Closed mode>

<WWAN Index 4, WLAN Index 3 (RSDB)>

WWAN Band	FR1 Band	Exposure Position	1		3		5		6		1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)	
			WWAN	FR1	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4									
GSM850_Ant 1 TX1		Front	0.199		0.111	0.046	0.066	0.096	0.406	0.341	0.361						
		Back	0.507		0.274	0.252	0.286	0.294	1.075	1.053	1.087						
		Left side			0.024	0.001	0.006	0.048	0.072	0.049	0.054						
		Right side	0.301		0.026	0.311	0.220	0.133	0.460	0.745	0.654						
		Top side	0.155		0.116	0.001	0.060	0.297	0.568	0.453	0.512						
		Bottom side							0.000	0.000	0.000						
GSM1900_Ant 0 TX1		Front	0.402		0.111	0.046	0.066	0.096	0.609	0.544	0.564						
		Back	0.336		0.274	0.252	0.286	0.294	0.904	0.882	0.916						
		Left side			0.024	0.001	0.006	0.048	0.072	0.049	0.054						
		Right side	0.835		0.026	0.311	0.220	0.133	0.994	1.279	1.188						
		Top side			0.116	0.001	0.060	0.297	0.413	0.298	0.357						
		Bottom side	0.277						0.277	0.277	0.277						
WCDMA II_Ant 0 TX1		Front	0.589		0.111	0.046	0.066	0.096	0.796	0.731	0.751						
		Back	0.540		0.274	0.252	0.286	0.294	1.108	1.086	1.120						
		Left side			0.024	0.001	0.006	0.048	0.072	0.049	0.054						
		Right side	0.828		0.026	0.311	0.220	0.133	0.987	1.272	1.181						
		Top side			0.116	0.001	0.060	0.297	0.413	0.298	0.357						
		Bottom side	0.429						0.429	0.429	0.429						
WCDMA IV_Ant 0 TX1		Front	0.178		0.111	0.046	0.066	0.096	0.385	0.320	0.340						
		Back	0.603		0.274	0.252	0.286	0.294	1.171	1.149	1.183						
		Left side			0.024	0.001	0.006	0.048	0.072	0.049	0.054						





Table with columns for Band, Antenna, Side, and 13 numerical values. Rows include LTE Band 41\_Ant 0 TX1, LTE Band 48\_Ant 2 TX1, LTE Band 66\_Ant 0 TX1, LTE Band 71\_Ant 1 TX1, LTE Band 2\_Ant 5 SUB\_TX1, LTE Band 66\_Ant 5 SUB\_TX1, FR1 n41\_Ant 5 SUB\_TX1, FR1 n48\_Ant 5 SUB\_TX1, and FR1 n77\_Ant 5 SUB\_TX1.

**<Closed mode>  
<WLAN Index 4 (RSDB)>**

Exposure Position	1	2	3	4	1+4 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5GHz Ant 3+4 1g SAR (W/kg)			
Front	0.212	0.065	0.087	0.115	<b>0.327</b>	<b>0.180</b>	<b>0.202</b>
Back	0.581	0.352	0.530	0.378	<b>0.959</b>	<b>0.730</b>	<b>0.908</b>
Left side	0.050	0.001	0.022	0.072	<b>0.122</b>	<b>0.073</b>	<b>0.094</b>
Right side	0.053	0.418	0.288	0.146	<b>0.199</b>	<b>0.564</b>	<b>0.434</b>
Top side	0.236	0.001	0.165	0.395	<b>0.631</b>	<b>0.396</b>	<b>0.560</b>

**<Closed mode>  
<WLAN Index 5, BT Index 3>**

Exposure Position	1	2	3	4	5	6	7	4+5 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)			
Front	0.212	0.065	0.087	0.115	0.132	0.019	0.067	<b>0.247</b>	<b>0.134</b>	<b>0.182</b>
Back	0.581	0.352	0.530	0.378	0.323	0.282	0.240	<b>0.701</b>	<b>0.660</b>	<b>0.618</b>
Left side	0.050	0.001	0.022	0.072	0.033	0.001	0.020	<b>0.105</b>	<b>0.073</b>	<b>0.092</b>
Right side	0.053	0.418	0.288	0.146	0.002	0.297	0.256	<b>0.148</b>	<b>0.443</b>	<b>0.402</b>
Top side	0.236	0.001	0.165	0.395	0.168	0.001	0.218	<b>0.563</b>	<b>0.396</b>	<b>0.613</b>

**<Closed mode>  
<WWAN Index 4, BT Index 3>**

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)						
GSM850_Ant 0 TX0		Front	0.484		0.132	0.019	0.067	<b>0.616</b>	<b>0.503</b>	<b>0.551</b>			
		Back	0.596		0.323	0.282	0.240	<b>0.919</b>	<b>0.878</b>	<b>0.836</b>			
		Left side			0.033	0.001	0.020	<b>0.033</b>	<b>0.001</b>	<b>0.020</b>			
		Right side	0.835		0.002	0.297	0.256	<b>0.837</b>	<b>1.132</b>	<b>1.091</b>			
		Top side			0.168	0.001	0.218	<b>0.168</b>	<b>0.001</b>	<b>0.218</b>			
		Bottom side	0.318					<b>0.318</b>	<b>0.318</b>	<b>0.318</b>			
GSM1900_Ant 2 TX0		Front	0.334		0.132	0.019	0.067	<b>0.466</b>	<b>0.353</b>	<b>0.401</b>			
		Back	0.289		0.323	0.282	0.240	<b>0.612</b>	<b>0.571</b>	<b>0.529</b>			
		Left side	0.084		0.033	0.001	0.020	<b>0.117</b>	<b>0.085</b>	<b>0.104</b>			
		Right side	0.070		0.002	0.297	0.256	<b>0.072</b>	<b>0.367</b>	<b>0.326</b>			
		Top side			0.168	0.001	0.218	<b>0.168</b>	<b>0.001</b>	<b>0.218</b>			
		Bottom side	0.995					<b>0.995</b>	<b>0.995</b>	<b>0.995</b>			
WCDMA II_Ant 2 TX0		Front	0.409		0.132	0.019	0.067	<b>0.541</b>	<b>0.428</b>	<b>0.476</b>			
		Back	0.424		0.323	0.282	0.240	<b>0.747</b>	<b>0.706</b>	<b>0.664</b>			
		Left side	0.064		0.033	0.001	0.020	<b>0.097</b>	<b>0.065</b>	<b>0.084</b>			
		Right side	0.050		0.002	0.297	0.256	<b>0.052</b>	<b>0.347</b>	<b>0.306</b>			
		Top side			0.168	0.001	0.218	<b>0.168</b>	<b>0.001</b>	<b>0.218</b>			
		Bottom side	0.937					<b>0.937</b>	<b>0.937</b>	<b>0.937</b>			
WCDMA IV_Ant 2 TX0		Front	0.305		0.132	0.019	0.067	<b>0.437</b>	<b>0.324</b>	<b>0.372</b>			
		Back	0.589		0.323	0.282	0.240	<b>0.912</b>	<b>0.871</b>	<b>0.829</b>			
		Left side	0.049		0.033	0.001	0.020	<b>0.082</b>	<b>0.050</b>	<b>0.069</b>			
		Right side	0.031		0.002	0.297	0.256	<b>0.033</b>	<b>0.328</b>	<b>0.287</b>			
		Top side			0.168	0.001	0.218	<b>0.168</b>	<b>0.001</b>	<b>0.218</b>			
		Bottom side	0.936					<b>0.936</b>	<b>0.936</b>	<b>0.936</b>			
		Front	0.378		0.132	0.019	0.067	<b>0.510</b>	<b>0.397</b>	<b>0.445</b>			





		Top side			0.168	0.001	0.218	0.168	0.001	0.218	0.168	0.001	0.218
		Bottom side	0.945					0.945	0.945	0.945	0.000	0.000	0.000
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	0.291	0.308	0.132	0.019	0.067	0.423	0.310	0.358	0.440	0.327	0.375
		Back	0.633	0.592	0.323	0.282	0.240	0.956	0.915	0.873	0.915	0.874	0.832
		Left side		0.040	0.033	0.001	0.020	0.033	0.001	0.020	0.073	0.041	0.060
		Right side	0.594	0.197	0.002	0.297	0.256	0.596	0.891	0.850	0.199	0.494	0.453
		Top side			0.168	0.001	0.218	0.168	0.001	0.218	0.168	0.001	0.218
		Bottom side		0.863					0.000	0.000	0.000	0.863	0.863
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	0.304	0.288	0.132	0.019	0.067	0.436	0.323	0.371	0.420	0.307	0.355
		Back	0.578	0.500	0.323	0.282	0.240	0.901	0.860	0.818	0.823	0.782	0.740
		Left side	0.040		0.033	0.001	0.020	0.073	0.041	0.060	0.033	0.001	0.020
		Right side	0.190	0.324	0.002	0.297	0.256	0.192	0.487	0.446	0.326	0.621	0.580
		Top side			0.168	0.001	0.218	0.168	0.001	0.218	0.168	0.001	0.218
		Bottom side	0.891	0.155				0.891	0.891	0.891	0.155	0.155	0.155
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	0.228	0.456	0.132	0.019	0.067	0.360	0.247	0.295	0.588	0.475	0.523
		Back	0.403	0.990	0.323	0.282	0.240	0.726	0.685	0.643	1.313	1.272	1.230
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.278	0.747	0.002	0.297	0.256	0.280	0.575	0.534	0.749	1.044	1.003
		Top side			0.168	0.001	0.218	0.168	0.001	0.218	0.168	0.001	0.218
		Bottom side	0.139					0.139	0.139	0.139	0.000	0.000	0.000
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	0.550	0.479	0.132	0.019	0.067	0.682	0.569	0.617	0.611	0.498	0.546
		Back	0.771	0.692	0.323	0.282	0.240	1.094	1.053	1.011	1.015	0.974	0.932
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.976	0.920	0.002	0.297	0.256	0.978	1.273	1.232	0.922	1.217	1.176
		Top side	0.298	0.287	0.168	0.001	0.218	0.466	0.299	0.516	0.455	0.288	0.505
		Bottom side						0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	0.183	0.414	0.132	0.019	0.067	0.315	0.202	0.250	0.546	0.433	0.481
		Back	0.481	0.744	0.323	0.282	0.240	0.804	0.763	0.721	1.067	1.026	0.984
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.983	0.975	0.002	0.297	0.256	0.985	1.280	1.239	0.977	1.272	1.231
		Top side	0.169	0.199	0.168	0.001	0.218	0.337	0.170	0.387	0.367	0.200	0.417
		Bottom side						0.000	0.000	0.000	0.000	0.000	0.000
	FR1 n41_Ant 1 SUB_TX0	Front		0.101	0.132	0.019	0.067				0.233	0.120	0.168
		Back		0.485	0.323	0.282	0.240				0.808	0.767	0.725
		Left side			0.033	0.001	0.020				0.033	0.001	0.020
		Right side		0.139	0.002	0.297	0.256				0.141	0.436	0.395
		Top side		0.397	0.168	0.001	0.218				0.565	0.398	0.615
		Bottom side									0.000	0.000	0.000
	FR1 n48_Ant 1 SUB_TX0	Front		0.216	0.132	0.019	0.067				0.348	0.235	0.283
		Back		0.576	0.323	0.282	0.240				0.899	0.858	0.816
		Left side			0.033	0.001	0.020				0.033	0.001	0.020
		Right side		0.441	0.002	0.297	0.256				0.443	0.738	0.697
		Top side		0.488	0.168	0.001	0.218				0.656	0.489	0.706
		Bottom side									0.000	0.000	0.000
	FR1 n77_Ant 1 SUB_TX0	Front		0.237	0.132	0.019	0.067				0.369	0.256	0.304
		Back		0.548	0.323	0.282	0.240				0.871	0.830	0.788
		Left side			0.033	0.001	0.020				0.033	0.001	0.020
		Right side		0.468	0.002	0.297	0.256				0.470	0.765	0.724
		Top side		0.414	0.168	0.001	0.218				0.582	0.415	0.632
		Bottom side									0.000	0.000	0.000





<Closed mode>

<WWAN Index 4, BT Index 3>

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)
			WWAN	FR1	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM850_Ant 1 TX1		Front	0.199		0.132	0.019	0.067	0.331	0.218	0.266			
		Back	0.507		0.323	0.282	0.240	0.830	0.789	0.747			
		Left side			0.033	0.001	0.020	0.033	0.001	0.020			
		Right side	0.301		0.002	0.297	0.256	0.303	0.598	0.557			
		Top side	0.155		0.168	0.001	0.218	0.323	0.156	0.373			
		Bottom side						0.000	0.000	0.000			
GSM1900_Ant 0 TX1		Front	0.402		0.132	0.019	0.067	0.534	0.421	0.469			
		Back	0.336		0.323	0.282	0.240	0.659	0.618	0.576			
		Left side			0.033	0.001	0.020	0.033	0.001	0.020			
		Right side	0.835		0.002	0.297	0.256	0.837	1.132	1.091			
		Top side			0.168	0.001	0.218	0.168	0.001	0.218			
		Bottom side	0.277					0.277	0.277	0.277			
WCDMA II_Ant 0 TX1		Front	0.589		0.132	0.019	0.067	0.721	0.608	0.656			
		Back	0.540		0.323	0.282	0.240	0.863	0.822	0.780			
		Left side			0.033	0.001	0.020	0.033	0.001	0.020			
		Right side	0.828		0.002	0.297	0.256	0.830	1.125	1.084			
		Top side			0.168	0.001	0.218	0.168	0.001	0.218			
		Bottom side	0.429					0.429	0.429	0.429			
WCDMA IV_Ant 0 TX1		Front	0.178		0.132	0.019	0.067	0.310	0.197	0.245			
		Back	0.603		0.323	0.282	0.240	0.926	0.885	0.843			
		Left side			0.033	0.001	0.020	0.033	0.001	0.020			
		Right side	0.856		0.002	0.297	0.256	0.858	1.153	1.112			
		Top side			0.168	0.001	0.218	0.168	0.001	0.218			
		Bottom side	0.268					0.268	0.268	0.268			
WCDMA V_Ant 1 TX1		Front	0.202		0.132	0.019	0.067	0.334	0.221	0.269			
		Back	0.425		0.323	0.282	0.240	0.748	0.707	0.665			
		Left side			0.033	0.001	0.020	0.033	0.001	0.020			
		Right side	0.158		0.002	0.297	0.256	0.160	0.455	0.414			
		Top side	0.267		0.168	0.001	0.218	0.435	0.268	0.485			
		Bottom side						0.000	0.000	0.000			
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Front	0.126	0.311	0.132	0.019	0.067	0.258	0.145	0.193	0.443	0.330	0.378
		Back	0.902	0.528	0.323	0.282	0.240	1.225	1.184	1.142	0.851	0.810	0.768
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.707	0.332	0.002	0.297	0.256	0.709	1.004	0.963	0.334	0.629	0.588
		Top side		0.245	0.168	0.001	0.218	0.168	0.001	0.218	0.413	0.246	0.463
		Bottom side	0.084					0.084	0.084	0.084	0.000	0.000	0.000
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Front	0.226	0.097	0.132	0.019	0.067	0.358	0.245	0.293	0.229	0.116	0.164
		Back	0.283	0.704	0.323	0.282	0.240	0.606	0.565	0.523	1.027	0.986	0.944
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.202	0.540	0.002	0.297	0.256	0.204	0.499	0.458	0.542	0.837	0.796
		Top side	0.145		0.168	0.001	0.218	0.313	0.146	0.363	0.168	0.001	0.218
		Bottom side		0.085				0.000	0.000	0.000	0.085	0.085	0.085
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Front	0.218	0.271	0.132	0.019	0.067	0.350	0.237	0.285	0.403	0.290	0.338
		Back	0.387	0.349	0.323	0.282	0.240	0.710	0.669	0.627	0.672	0.631	0.589
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.199	0.247	0.002	0.297	0.256	0.201	0.496	0.455	0.249	0.544	0.503
		Top side	0.140	0.163	0.168	0.001	0.218	0.308	0.141	0.358	0.331	0.164	0.381
		Bottom side						0.000	0.000	0.000	0.000	0.000	0.000
		Front	0.259	0.195	0.132	0.019	0.067	0.391	0.278	0.326	0.327	0.214	0.262



LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Back	0.429	0.329	0.323	0.282	0.240	0.752	0.711	0.669	0.652	0.611	0.569
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.192	0.157	0.002	0.297	0.256	0.194	0.489	0.448	0.159	0.454	0.413
		Top side	0.214	0.149	0.168	0.001	0.218	0.382	0.215	0.432	0.317	0.150	0.367
		Bottom side						0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Front	0.697	0.699	0.132	0.019	0.067	0.829	0.716	0.764	0.831	0.718	0.766
		Back	0.602	0.600	0.323	0.282	0.240	0.925	0.884	0.842	0.923	0.882	0.840
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.903	0.708	0.002	0.297	0.256	0.905	1.200	1.159	0.710	1.005	0.964
		Top side			0.168	0.001	0.218	0.168	0.001	0.218	0.168	0.001	0.218
		Bottom side	0.420	0.449				0.420	0.420	0.420	0.449	0.449	0.449
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Front	0.271	0.212	0.132	0.019	0.067	0.403	0.290	0.338	0.344	0.231	0.279
		Back	0.461	0.984	0.323	0.282	0.240	0.784	0.743	0.701	1.307	1.266	1.224
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.217	0.857	0.002	0.297	0.256	0.219	0.514	0.473	0.859	1.154	1.113
		Top side	0.271		0.168	0.001	0.218	0.439	0.272	0.489	0.168	0.001	0.218
		Bottom side		0.068				0.000	0.000	0.000	0.068	0.068	0.068
LTE Band 30_Ant 0 TX1	FR1 n38_Ant 0 TX1	Front	0.185	0.140	0.132	0.019	0.067	0.317	0.204	0.252	0.272	0.159	0.207
		Back	0.860	0.922	0.323	0.282	0.240	1.183	1.142	1.100	1.245	1.204	1.162
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.789	0.810	0.002	0.297	0.256	0.791	1.086	1.045	0.812	1.107	1.066
		Top side			0.168	0.001	0.218	0.168	0.001	0.218	0.168	0.001	0.218
		Bottom side	0.063	0.078				0.063	0.063	0.063	0.078	0.078	0.078
LTE Band 38_Ant 0 TX1	FR1 n41_Ant 0 TX1	Front	0.001	0.105	0.132	0.019	0.067	0.133	0.020	0.068	0.237	0.124	0.172
		Back	0.605	0.768	0.323	0.282	0.240	0.928	0.887	0.845	1.091	1.050	1.008
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.244	0.579	0.002	0.297	0.256	0.246	0.541	0.500	0.581	0.876	0.835
		Top side			0.168	0.001	0.218	0.168	0.001	0.218	0.168	0.001	0.218
		Bottom side	0.001	0.072				0.001	0.001	0.001	0.072	0.072	0.072
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Front	0.001	0.504	0.132	0.019	0.067	0.133	0.020	0.068	0.636	0.523	0.571
		Back	0.615	0.926	0.323	0.282	0.240	0.938	0.897	0.855	1.249	1.208	1.166
		Left side		0.116	0.033	0.001	0.020	0.033	0.001	0.020	0.149	0.117	0.136
		Right side	0.246	0.076	0.002	0.297	0.256	0.248	0.543	0.502	0.078	0.373	0.332
		Top side			0.168	0.001	0.218	0.168	0.001	0.218	0.168	0.001	0.218
		Bottom side	0.001	0.833				0.001	0.001	0.001	0.833	0.833	0.833
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front	0.254	0.186	0.132	0.019	0.067	0.386	0.273	0.321	0.318	0.205	0.253
		Back	0.435	0.869	0.323	0.282	0.240	0.758	0.717	0.675	1.192	1.151	1.109
		Left side	0.045		0.033	0.001	0.020	0.078	0.046	0.065	0.033	0.001	0.020
		Right side	0.061	0.963	0.002	0.297	0.256	0.063	0.358	0.317	0.965	1.260	1.219
		Top side			0.168	0.001	0.218	0.168	0.001	0.218	0.168	0.001	0.218
		Bottom side	0.335	0.205				0.335	0.335	0.335	0.205	0.205	0.205
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	0.136	0.219	0.132	0.019	0.067	0.268	0.155	0.203	0.351	0.238	0.286
		Back	0.983	0.245	0.323	0.282	0.240	1.306	1.265	1.223	0.568	0.527	0.485
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020
		Right side	0.713	0.193	0.002	0.297	0.256	0.715	1.010	0.969	0.195	0.490	0.449
		Top side		0.123	0.168	0.001	0.218	0.168	0.001	0.218	0.291	0.124	0.341
		Bottom side	0.149					0.149	0.149	0.149	0.000	0.000	0.000
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front	0.181	0.395	0.132	0.019	0.067	0.313	0.200	0.248	0.527	0.414	0.462
		Back	0.206	0.649	0.323	0.282	0.240	0.529	0.488	0.446	0.972	0.931	0.889
		Left side		0.098	0.033	0.001	0.020	0.033	0.001	0.020	0.131	0.099	0.118
		Right side	0.189	0.186	0.002	0.297	0.256	0.191	0.486	0.445	0.188	0.483	0.442
		Top side	0.073		0.168	0.001	0.218	0.241	0.074	0.291	0.168	0.001	0.218
		Bottom side		0.984				0.000	0.000	0.000	0.984	0.984	0.984
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Front	0.001	0.001	0.132	0.019	0.067	0.133	0.020	0.068	0.133	0.020	0.068
		Back	0.965	0.843	0.323	0.282	0.240	1.288	1.247	1.205	1.166	1.125	1.083
		Left side			0.033	0.001	0.020	0.033	0.001	0.020	0.033	0.001	0.020



		Right side	0.001	0.001	0.002	0.297	0.256	<b>0.003</b>	<b>0.298</b>	<b>0.257</b>	<b>0.003</b>	<b>0.298</b>	<b>0.257</b>	
		Top side			0.168	0.001	0.218	<b>0.168</b>	<b>0.001</b>	<b>0.218</b>	<b>0.168</b>	<b>0.001</b>	<b>0.218</b>	
		Bottom side	0.001	0.062				<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.062</b>	<b>0.062</b>	<b>0.062</b>	
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front	0.001	0.001	0.132	0.019	0.067	<b>0.133</b>	<b>0.020</b>	<b>0.068</b>	<b>0.133</b>	<b>0.020</b>	<b>0.068</b>	
		Back	0.184	0.227	0.323	0.282	0.240	<b>0.507</b>	<b>0.466</b>	<b>0.424</b>	<b>0.550</b>	<b>0.509</b>	<b>0.467</b>	
		Left side			0.033	0.001	0.020	<b>0.033</b>	<b>0.001</b>	<b>0.020</b>	<b>0.033</b>	<b>0.001</b>	<b>0.020</b>	
		Right side	0.001	0.001	0.002	0.297	0.256	<b>0.003</b>	<b>0.298</b>	<b>0.257</b>	<b>0.003</b>	<b>0.298</b>	<b>0.257</b>	
		Top side			0.168	0.001	0.218	<b>0.168</b>	<b>0.001</b>	<b>0.218</b>	<b>0.168</b>	<b>0.001</b>	<b>0.218</b>	
		Bottom side	0.001	0.001				<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	
		FR1 n41_Ant 5 SUB_TX1	Front		0.001	0.132	0.019	0.067				<b>0.133</b>	<b>0.020</b>	<b>0.068</b>
Back		0.914	0.323	0.282	0.240					<b>1.237</b>	<b>1.196</b>	<b>1.154</b>		
Left side			0.033	0.001	0.020					<b>0.033</b>	<b>0.001</b>	<b>0.020</b>		
Right side		0.001	0.002	0.297	0.256					<b>0.003</b>	<b>0.298</b>	<b>0.257</b>		
Top side				0.168	0.001	0.218				<b>0.168</b>	<b>0.001</b>	<b>0.218</b>		
Bottom side			0.001							<b>0.001</b>	<b>0.001</b>	<b>0.001</b>		
FR1 n48_Ant 5 SUB_TX1	FR1 n48_Ant 5 SUB_TX1	Front		0.001	0.132	0.019	0.067				<b>0.133</b>	<b>0.020</b>	<b>0.068</b>	
		Back		0.975	0.323	0.282	0.240				<b>1.298</b>	<b>1.257</b>	<b>1.215</b>	
		Left side			0.033	0.001	0.020				<b>0.033</b>	<b>0.001</b>	<b>0.020</b>	
		Right side		0.001	0.002	0.297	0.256				<b>0.003</b>	<b>0.298</b>	<b>0.257</b>	
		Top side				0.168	0.001	0.218				<b>0.168</b>	<b>0.001</b>	<b>0.218</b>
		Bottom side			0.001							<b>0.001</b>	<b>0.001</b>	<b>0.001</b>
		FR1 n77_Ant 5 SUB_TX1	Front		0.001	0.132	0.019	0.067				<b>0.133</b>	<b>0.020</b>	<b>0.068</b>
Back		0.904	0.323	0.282	0.240					<b>1.227</b>	<b>1.186</b>	<b>1.144</b>		
Left side				0.033	0.001	0.020				<b>0.033</b>	<b>0.001</b>	<b>0.020</b>		
Right side		0.001	0.002	0.297	0.256					<b>0.003</b>	<b>0.298</b>	<b>0.257</b>		
Top side				0.168	0.001	0.218				<b>0.168</b>	<b>0.001</b>	<b>0.218</b>		
Bottom side			0.063							<b>0.063</b>	<b>0.063</b>	<b>0.063</b>		

<Open mode>

<WWAN Index 9, WLAN Index 8, BT Index 6>

WWAN Band	FR1 Band	Exposure Position	1	2	6	9	10	11	1+6+9	1+6+10	1+6+11	2+6+9	2+6+10	2+6+11
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 0 TX0		Front	0.496		0.206	0.105	0.083	0.109	<b>0.807</b>	<b>0.785</b>	<b>0.811</b>			
		Back	0.395		0.240	0.094	0.088	0.056	<b>0.729</b>	<b>0.723</b>	<b>0.691</b>			
		Right side	0.345		0.116	0.001	0.131	0.057	<b>0.462</b>	<b>0.592</b>	<b>0.518</b>			
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>			
		Bottom side	0.149						<b>0.149</b>	<b>0.149</b>	<b>0.149</b>			
GSM1900_Ant 2 TX0		Front	0.566		0.206	0.105	0.083	0.109	<b>0.877</b>	<b>0.855</b>	<b>0.881</b>			
		Back	0.487		0.240	0.094	0.088	0.056	<b>0.821</b>	<b>0.815</b>	<b>0.783</b>			
		Right side	0.214		0.116	0.001	0.131	0.057	<b>0.331</b>	<b>0.461</b>	<b>0.387</b>			
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>			
		Bottom side	0.983						<b>0.983</b>	<b>0.983</b>	<b>0.983</b>			
WCDMA II_Ant 2 TX0		Front	0.646		0.206	0.105	0.083	0.109	<b>0.957</b>	<b>0.935</b>	<b>0.961</b>			
		Back	0.525		0.240	0.094	0.088	0.056	<b>0.859</b>	<b>0.853</b>	<b>0.821</b>			
		Right side	0.219		0.116	0.001	0.131	0.057	<b>0.336</b>	<b>0.466</b>	<b>0.392</b>			
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>			
		Bottom side	0.978						<b>0.978</b>	<b>0.978</b>	<b>0.978</b>			
WCDMA IV_Ant 2 TX0		Front	0.663		0.206	0.105	0.083	0.109	<b>0.974</b>	<b>0.952</b>	<b>0.978</b>			
		Back	0.587		0.240	0.094	0.088	0.056	<b>0.921</b>	<b>0.915</b>	<b>0.883</b>			
		Right side	0.173		0.116	0.001	0.131	0.057	<b>0.290</b>	<b>0.420</b>	<b>0.346</b>			
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>			
		Bottom side	0.978						<b>0.978</b>	<b>0.978</b>	<b>0.978</b>			
		Front	0.626		0.206	0.105	0.083	0.109	<b>0.937</b>	<b>0.915</b>	<b>0.941</b>			



# FCC SAR TEST REPORT

Report No. : FA262403-04D

WCDMA V_Ant 0 TX0		Back	0.543		0.240	0.094	0.088	0.056	<b>0.877</b>	<b>0.871</b>	<b>0.839</b>			
		Right side	0.526		0.116	0.001	0.131	0.057	<b>0.643</b>	<b>0.773</b>	<b>0.699</b>			
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>			
		Bottom side	0.230						<b>0.230</b>	<b>0.230</b>	<b>0.230</b>			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.554	0.713	0.206	0.105	0.083	0.109	<b>0.865</b>	<b>0.843</b>	<b>0.869</b>	<b>1.024</b>	<b>1.002</b>	<b>1.028</b>
		Back	0.535	0.653	0.240	0.094	0.088	0.056	<b>0.869</b>	<b>0.863</b>	<b>0.831</b>	<b>0.987</b>	<b>0.981</b>	<b>0.949</b>
		Right side	0.104	0.588	0.116	0.001	0.131	0.057	<b>0.221</b>	<b>0.351</b>	<b>0.277</b>	<b>0.705</b>	<b>0.835</b>	<b>0.761</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side	0.940	0.268					<b>0.940</b>	<b>0.940</b>	<b>0.940</b>	<b>0.268</b>	<b>0.268</b>	<b>0.268</b>
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.666	0.595	0.206	0.105	0.083	0.109	<b>0.977</b>	<b>0.955</b>	<b>0.981</b>	<b>0.906</b>	<b>0.884</b>	<b>0.910</b>
		Back	0.559	0.585	0.240	0.094	0.088	0.056	<b>0.893</b>	<b>0.887</b>	<b>0.855</b>	<b>0.919</b>	<b>0.913</b>	<b>0.881</b>
		Right side	0.494	0.067	0.116	0.001	0.131	0.057	<b>0.611</b>	<b>0.741</b>	<b>0.667</b>	<b>0.184</b>	<b>0.314</b>	<b>0.240</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side	0.307	0.922					<b>0.307</b>	<b>0.307</b>	<b>0.307</b>	<b>0.922</b>	<b>0.922</b>	<b>0.922</b>
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.650	0.629	0.206	0.105	0.083	0.109	<b>0.961</b>	<b>0.939</b>	<b>0.965</b>	<b>0.940</b>	<b>0.918</b>	<b>0.944</b>
		Back	0.587	0.571	0.240	0.094	0.088	0.056	<b>0.921</b>	<b>0.915</b>	<b>0.883</b>	<b>0.905</b>	<b>0.899</b>	<b>0.867</b>
		Right side	0.547	0.521	0.116	0.001	0.131	0.057	<b>0.664</b>	<b>0.794</b>	<b>0.720</b>	<b>0.638</b>	<b>0.768</b>	<b>0.694</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side	0.202	0.300					<b>0.202</b>	<b>0.202</b>	<b>0.202</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	0.699	0.681	0.206	0.105	0.083	0.109	<b>1.010</b>	<b>0.988</b>	<b>1.014</b>	<b>0.992</b>	<b>0.970</b>	<b>0.996</b>
		Back	0.654	0.658	0.240	0.094	0.088	0.056	<b>0.988</b>	<b>0.982</b>	<b>0.950</b>	<b>0.992</b>	<b>0.986</b>	<b>0.954</b>
		Right side	0.641	0.651	0.116	0.001	0.131	0.057	<b>0.758</b>	<b>0.888</b>	<b>0.814</b>	<b>0.768</b>	<b>0.898</b>	<b>0.824</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side	0.264	0.287					<b>0.264</b>	<b>0.264</b>	<b>0.264</b>	<b>0.287</b>	<b>0.287</b>	<b>0.287</b>
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	0.721	0.625	0.206	0.105	0.083	0.109	<b>1.032</b>	<b>1.010</b>	<b>1.036</b>	<b>0.936</b>	<b>0.914</b>	<b>0.940</b>
		Back	0.566	0.523	0.240	0.094	0.088	0.056	<b>0.900</b>	<b>0.894</b>	<b>0.862</b>	<b>0.857</b>	<b>0.851</b>	<b>0.819</b>
		Right side	0.219	0.229	0.116	0.001	0.131	0.057	<b>0.336</b>	<b>0.466</b>	<b>0.392</b>	<b>0.346</b>	<b>0.476</b>	<b>0.402</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side	0.976	0.983					<b>0.976</b>	<b>0.976</b>	<b>0.976</b>	<b>0.983</b>	<b>0.983</b>	<b>0.983</b>
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	0.762	0.491	0.206	0.105	0.083	0.109	<b>1.073</b>	<b>1.051</b>	<b>1.077</b>	<b>0.802</b>	<b>0.780</b>	<b>0.806</b>
		Back	0.736	0.443	0.240	0.094	0.088	0.056	<b>1.070</b>	<b>1.064</b>	<b>1.032</b>	<b>0.777</b>	<b>0.771</b>	<b>0.739</b>
		Right side	0.708	0.079	0.116	0.001	0.131	0.057	<b>0.825</b>	<b>0.955</b>	<b>0.881</b>	<b>0.196</b>	<b>0.326</b>	<b>0.252</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side	0.286	0.795					<b>0.286</b>	<b>0.286</b>	<b>0.286</b>	<b>0.795</b>	<b>0.795</b>	<b>0.795</b>
LTE Band 30_Ant 2 TX0		Front	0.573		0.206	0.105	0.083	0.109	<b>0.884</b>	<b>0.862</b>	<b>0.888</b>	<b>0.311</b>	<b>0.289</b>	<b>0.315</b>
		Back	0.554		0.240	0.094	0.088	0.056	<b>0.888</b>	<b>0.882</b>	<b>0.850</b>	<b>0.334</b>	<b>0.328</b>	<b>0.296</b>
		Right side	0.091		0.116	0.001	0.131	0.057	<b>0.208</b>	<b>0.338</b>	<b>0.264</b>	<b>0.117</b>	<b>0.247</b>	<b>0.173</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side	0.994						<b>0.994</b>	<b>0.994</b>	<b>0.994</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
	FR1 n41_Ant 2 TX0	Front		0.646	0.206	0.105	0.083	0.109	<b>0.311</b>	<b>0.289</b>	<b>0.315</b>	<b>0.957</b>	<b>0.935</b>	<b>0.961</b>
		Back		0.637	0.240	0.094	0.088	0.056	<b>0.334</b>	<b>0.328</b>	<b>0.296</b>	<b>0.971</b>	<b>0.965</b>	<b>0.933</b>
		Right side		0.114	0.116	0.001	0.131	0.057	<b>0.117</b>	<b>0.247</b>	<b>0.173</b>	<b>0.231</b>	<b>0.361</b>	<b>0.287</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side		0.996					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.996</b>	<b>0.996</b>	<b>0.996</b>
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	0.501	0.489	0.206	0.105	0.083	0.109	<b>0.812</b>	<b>0.790</b>	<b>0.816</b>	<b>0.800</b>	<b>0.778</b>	<b>0.804</b>
		Back	0.425	0.518	0.240	0.094	0.088	0.056	<b>0.759</b>	<b>0.753</b>	<b>0.721</b>	<b>0.852</b>	<b>0.846</b>	<b>0.814</b>
		Right side	0.079	0.400	0.116	0.001	0.131	0.057	<b>0.196</b>	<b>0.326</b>	<b>0.252</b>	<b>0.517</b>	<b>0.647</b>	<b>0.573</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side	0.927						<b>0.927</b>	<b>0.927</b>	<b>0.927</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	0.442	0.738	0.206	0.105	0.083	0.109	<b>0.753</b>	<b>0.731</b>	<b>0.757</b>	<b>1.049</b>	<b>1.027</b>	<b>1.053</b>
		Back	0.501	0.637	0.240	0.094	0.088	0.056	<b>0.835</b>	<b>0.829</b>	<b>0.797</b>	<b>0.971</b>	<b>0.965</b>	<b>0.933</b>
		Left side							<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
		Right side	0.369	0.210	0.116	0.001	0.131	0.057	<b>0.486</b>	<b>0.616</b>	<b>0.542</b>	<b>0.327</b>	<b>0.457</b>	<b>0.383</b>
		Top side			0.151	0.052	0.007	0.060	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>	<b>0.203</b>	<b>0.158</b>	<b>0.211</b>
		Bottom side		0.897					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.897</b>	<b>0.897</b>	<b>0.897</b>
		Front	0.566	0.593	0.206	0.105	0.083	0.109	<b>0.877</b>	<b>0.855</b>	<b>0.881</b>	<b>0.904</b>	<b>0.882</b>	<b>0.908</b>



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Table with columns for LTE Band, Antenna, Exposure Position, SAR values (0.442 to 0.000), and W/kg values (0.776 to 0.000).

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<WWAN Index 9, WLAN Index 8, BT Index 6>

Table with columns for WWAN Band, FR1 Band, Exposure Position, SAR values (0.405 to 0.064), and Summed 1g SAR (W/kg) values (0.716 to 0.203).



WCDMA IV_Ant 0 TX1		Bottom side	0.312					0.312	0.312	0.312				
		Front	0.510		0.206	0.105	0.083	0.109	0.821	0.799	0.825			
		Back	0.390		0.240	0.094	0.088	0.056	0.724	0.718	0.686			
		Right side	0.681		0.116	0.001	0.131	0.057	0.798	0.928	0.854			
		Top side			0.151	0.052	0.007	0.060	0.203	0.158	0.211			
WCDMA V_Ant 1 TX1		Bottom side	0.076						0.076	0.076	0.076			
		Front	0.341		0.206	0.105	0.083	0.109	0.652	0.630	0.656			
		Back	0.235		0.240	0.094	0.088	0.056	0.569	0.563	0.531			
		Right side	0.174		0.116	0.001	0.131	0.057	0.291	0.421	0.347			
		Top side	0.132		0.151	0.052	0.007	0.060	0.335	0.290	0.343			
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Bottom side							0.000	0.000	0.000			
		Front	0.788	0.462	0.206	0.105	0.083	0.109	1.099	1.077	1.103	0.773	0.751	0.777
		Back	0.526	0.375	0.240	0.094	0.088	0.056	0.860	0.854	0.822	0.709	0.703	0.671
		Right side	0.001	0.302	0.116	0.001	0.131	0.057	0.118	0.248	0.174	0.419	0.549	0.475
		Top side		0.173	0.151	0.052	0.007	0.060	0.203	0.158	0.211	0.376	0.331	0.384
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Bottom side		0.060					0.000	0.000	0.000	0.060	0.060	0.060
		Front	0.215	0.776	0.206	0.105	0.083	0.109	0.526	0.504	0.530	1.087	1.065	1.091
		Back	0.168	0.518	0.240	0.094	0.088	0.056	0.502	0.496	0.464	0.852	0.846	0.814
		Right side	0.145	0.737	0.116	0.001	0.131	0.057	0.262	0.392	0.318	0.854	0.984	0.910
		Top side	0.073		0.151	0.052	0.007	0.060	0.276	0.231	0.284	0.203	0.158	0.211
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Bottom side							0.000	0.000	0.000	0.000	0.000	0.000
		Front	0.356	0.280	0.206	0.105	0.083	0.109	0.667	0.645	0.671	0.591	0.569	0.595
		Back	0.283	0.239	0.240	0.094	0.088	0.056	0.617	0.611	0.579	0.573	0.567	0.535
		Right side	0.214	0.223	0.116	0.001	0.131	0.057	0.331	0.461	0.387	0.340	0.470	0.396
		Top side	0.118	0.109	0.151	0.052	0.007	0.060	0.321	0.276	0.329	0.312	0.267	0.320
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Bottom side							0.000	0.000	0.000	0.000	0.000	0.000
		Front	0.363	0.371	0.206	0.105	0.083	0.109	0.674	0.652	0.678	0.682	0.660	0.686
		Back	0.289	0.301	0.240	0.094	0.088	0.056	0.623	0.617	0.585	0.635	0.629	0.597
		Right side	0.272	0.287	0.116	0.001	0.131	0.057	0.389	0.519	0.445	0.404	0.534	0.460
		Top side	0.150	0.172	0.151	0.052	0.007	0.060	0.353	0.308	0.361	0.375	0.330	0.383
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Bottom side	0.357	0.290					0.357	0.357	0.357	0.290	0.290	0.290
		Front	0.637	0.540	0.206	0.105	0.083	0.109	0.948	0.926	0.952	0.851	0.829	0.855
		Back	0.572	0.519	0.240	0.094	0.088	0.056	0.906	0.900	0.868	0.853	0.847	0.815
		Right side	0.194	0.184	0.116	0.001	0.131	0.057	0.311	0.441	0.367	0.301	0.431	0.357
		Top side			0.151	0.052	0.007	0.060	0.203	0.158	0.211	0.203	0.158	0.211
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Bottom side		0.056					0.000	0.000	0.000	0.056	0.056	0.056
		Front	0.448	0.713	0.206	0.105	0.083	0.109	0.759	0.737	0.763	1.024	1.002	1.028
		Back	0.357	0.519	0.240	0.094	0.088	0.056	0.691	0.685	0.653	0.853	0.847	0.815
		Right side	0.333	0.700	0.116	0.001	0.131	0.057	0.450	0.580	0.506	0.817	0.947	0.873
		Top side	0.184		0.151	0.052	0.007	0.060	0.387	0.342	0.395	0.203	0.158	0.211
LTE Band 30_Ant 0 TX1		Bottom side	0.064						0.064	0.064	0.064	0.000	0.000	0.000
		Front	0.772		0.206	0.105	0.083	0.109	1.083	1.061	1.087	0.311	0.289	0.315
		Back	0.504		0.240	0.094	0.088	0.056	0.838	0.832	0.800	0.334	0.328	0.296
		Right side	0.899		0.116	0.001	0.131	0.057	1.016	1.146	1.072	0.117	0.247	0.173
		Top side			0.151	0.052	0.007	0.060	0.203	0.158	0.211	0.203	0.158	0.211
FR1 n41_Ant 0 TX1		Bottom side		0.054					0.000	0.000	0.000	0.054	0.054	0.054
		Front		0.732	0.206	0.105	0.083	0.109	0.311	0.289	0.315	1.043	1.021	1.047
		Back		0.489	0.240	0.094	0.088	0.056	0.334	0.328	0.296	0.823	0.817	0.785
		Right side		0.668	0.116	0.001	0.131	0.057	0.117	0.247	0.173	0.785	0.915	0.841
		Top side			0.151	0.052	0.007	0.060	0.203	0.158	0.211	0.203	0.158	0.211
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Bottom side	0.001	0.270					0.001	0.001	0.001	0.270	0.270	0.270
		Front	0.979	0.399	0.206	0.105	0.083	0.109	1.290	1.268	1.294	0.710	0.688	0.714
		Back	0.266	0.562	0.240	0.094	0.088	0.056	0.600	0.594	0.562	0.896	0.890	0.858
		Right side	0.349	0.166	0.116	0.001	0.131	0.057	0.466	0.596	0.522	0.283	0.413	0.339
		Top side			0.151	0.052	0.007	0.060	0.203	0.158	0.211	0.203	0.158	0.211



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LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front	0.356	0.491	0.206	0.105	0.083	0.109	0.667	0.645	0.671	0.802	0.780	0.806
		Back	0.561	0.380	0.240	0.094	0.088	0.056	0.895	0.889	0.857	0.714	0.708	0.676
		Right side	0.210	0.708	0.116	0.001	0.131	0.057	0.327	0.457	0.383	0.825	0.955	0.881
		Top side			0.151	0.052	0.007	0.060	0.203	0.158	0.211	0.203	0.158	0.211
		Bottom side	0.248	0.079					0.248	0.248	0.248	0.079	0.079	0.079
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	0.444	0.249	0.206	0.105	0.083	0.109	0.755	0.733	0.759	0.560	0.538	0.564
		Back	0.353	0.208	0.240	0.094	0.088	0.056	0.687	0.681	0.649	0.542	0.536	0.504
		Right side	0.717	0.193	0.116	0.001	0.131	0.057	0.834	0.964	0.890	0.310	0.440	0.366
		Top side		0.099	0.151	0.052	0.007	0.060	0.203	0.158	0.211	0.302	0.257	0.310
		Bottom side	0.050						0.050	0.050	0.050	0.000	0.000	0.000
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front	0.244	0.562	0.206	0.105	0.083	0.109	0.555	0.533	0.559	0.873	0.851	0.877
		Back	0.193	0.619	0.240	0.094	0.088	0.056	0.527	0.521	0.489	0.953	0.947	0.915
		Right side	0.194	0.116	0.116	0.001	0.131	0.057	0.311	0.441	0.367	0.233	0.363	0.289
		Top side	0.094		0.151	0.052	0.007	0.060	0.297	0.252	0.305	0.203	0.158	0.211
		Bottom side		0.630					0.000	0.000	0.000	0.630	0.630	0.630
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Front	0.899	0.660	0.206	0.105	0.083	0.109	1.210	1.188	1.214	0.971	0.949	0.975
		Back	0.001	0.001	0.240	0.094	0.088	0.056	0.335	0.329	0.297	0.335	0.329	0.297
		Right side	0.001	0.001	0.116	0.001	0.131	0.057	0.118	0.248	0.174	0.118	0.248	0.174
		Top side			0.151	0.052	0.007	0.060	0.203	0.158	0.211	0.203	0.158	0.211
		Bottom side	0.080	0.001					0.080	0.080	0.080	0.001	0.001	0.001
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front	0.131	0.079	0.206	0.105	0.083	0.109	0.442	0.420	0.446	0.390	0.368	0.394
		Back	0.001	0.001	0.240	0.094	0.088	0.056	0.335	0.329	0.297	0.335	0.329	0.297
		Right side	0.001	0.001	0.116	0.001	0.131	0.057	0.118	0.248	0.174	0.118	0.248	0.174
		Top side			0.151	0.052	0.007	0.060	0.203	0.158	0.211	0.203	0.158	0.211
		Bottom side	0.001	0.001					0.001	0.001	0.001	0.001	0.001	0.001
FR1 n41_Ant 5 SUB_TX1	FR1	Front		0.784	0.206	0.105	0.083	0.109				1.095	1.073	1.099
		Back		0.001	0.240	0.094	0.088	0.056				0.335	0.329	0.297
		Right side		0.001	0.116	0.001	0.131	0.057				0.118	0.248	0.174
		Top side			0.151	0.052	0.007	0.060				0.203	0.158	0.211
		Bottom side		0.038								0.038	0.038	0.038
FR1 n48_Ant 5 SUB_TX1	FR1	Front		0.456	0.206	0.105	0.083	0.109				0.767	0.745	0.771
		Back		0.001	0.240	0.094	0.088	0.056				0.335	0.329	0.297
		Right side		0.001	0.116	0.001	0.131	0.057				0.118	0.248	0.174
		Top side			0.151	0.052	0.007	0.060				0.203	0.158	0.211
		Bottom side		0.042								0.042	0.042	0.042
FR1 n77_Ant 5 SUB_TX1	FR1	Front		0.713	0.206	0.105	0.083	0.109				1.024	1.002	1.028
		Back		0.001	0.240	0.094	0.088	0.056				0.335	0.329	0.297
		Right side		0.001	0.116	0.001	0.131	0.057				0.118	0.248	0.174
		Top side			0.151	0.052	0.007	0.060				0.203	0.158	0.211
		Bottom side		0.153								0.153	0.153	0.153

<Open mode>

<WWAN Index 9, WLAN Index 8>

WWAN Band	FR1 Band	Exposure Position	1		3		4		5		6		1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+5 Summed 1g SAR (W/kg)	1+6 Summed 1g SAR (W/kg)	2+3 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	2+5 Summed 1g SAR (W/kg)	2+6 Summed 1g SAR (W/kg)	
			WWAN	FR1	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4													
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)													
GSM850_Ant 0 TX0		Front	0.496		0.370	0.440	0.397	0.206	0.866	0.936	0.893	0.702									
		Back	0.395		0.213	0.296	0.318	0.240	0.608	0.691	0.713	0.635									
		Right side	0.345		0.001	0.560	0.533	0.116	0.346	0.905	0.878	0.461									
		Top side			0.229	0.051	0.221	0.151	0.229	0.051	0.221	0.151									
		Bottom side	0.149						0.149	0.149	0.149	0.149									
GSM1900_Ant 2 TX0		Front	0.566		0.370	0.440	0.397	0.206	0.936	1.006	0.963	0.772									
		Back	0.487		0.213	0.296	0.318	0.240	0.700	0.783	0.805	0.727									
		Right side	0.214		0.001	0.560	0.533	0.116	0.215	0.774	0.747	0.330									



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		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>				
		Bottom side	0.983						<b>0.983</b>	<b>0.983</b>	<b>0.983</b>	<b>0.983</b>				
WCDMA II_Ant 2 TX0		Front	0.646		0.370	0.440	0.397	0.206	<b>1.016</b>	<b>1.086</b>	<b>1.043</b>	<b>0.852</b>				
		Back	0.525		0.213	0.296	0.318	0.240	<b>0.738</b>	<b>0.821</b>	<b>0.843</b>	<b>0.765</b>				
		Right side	0.219		0.001	0.560	0.533	0.116	<b>0.220</b>	<b>0.779</b>	<b>0.752</b>	<b>0.335</b>				
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>				
		Bottom side	0.978							<b>0.978</b>	<b>0.978</b>	<b>0.978</b>	<b>0.978</b>			
WCDMA IV_Ant 2 TX0		Front	0.663		0.370	0.440	0.397	0.206	<b>1.033</b>	<b>1.103</b>	<b>1.060</b>	<b>0.869</b>				
		Back	0.587		0.213	0.296	0.318	0.240	<b>0.800</b>	<b>0.883</b>	<b>0.905</b>	<b>0.827</b>				
		Right side	0.173		0.001	0.560	0.533	0.116	<b>0.174</b>	<b>0.733</b>	<b>0.706</b>	<b>0.289</b>				
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>				
		Bottom side	0.978							<b>0.978</b>	<b>0.978</b>	<b>0.978</b>	<b>0.978</b>			
WCDMA V_Ant 0 TX0		Front	0.626		0.370	0.440	0.397	0.206	<b>0.996</b>	<b>1.066</b>	<b>1.023</b>	<b>0.832</b>				
		Back	0.543		0.213	0.296	0.318	0.240	<b>0.756</b>	<b>0.839</b>	<b>0.861</b>	<b>0.783</b>				
		Right side	0.526		0.001	0.560	0.533	0.116	<b>0.527</b>	<b>1.086</b>	<b>1.059</b>	<b>0.642</b>				
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>				
		Bottom side	0.230							<b>0.230</b>	<b>0.230</b>	<b>0.230</b>	<b>0.230</b>			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.554	0.713	0.370	0.440	0.397	0.206	<b>0.924</b>	<b>0.994</b>	<b>0.951</b>	<b>0.760</b>	1.083	1.153	1.110	0.919
		Back	0.535	0.653	0.213	0.296	0.318	0.240	<b>0.748</b>	<b>0.831</b>	<b>0.853</b>	<b>0.775</b>	0.866	0.949	0.971	0.893
		Right side	0.104	0.588	0.001	0.560	0.533	0.116	<b>0.105</b>	<b>0.664</b>	<b>0.637</b>	<b>0.220</b>	0.589	1.148	1.121	0.704
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>	0.229	0.051	0.221	0.151
		Bottom side	0.940	0.268						<b>0.940</b>	<b>0.940</b>	<b>0.940</b>	<b>0.940</b>	0.268	0.268	0.268
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.666	0.595	0.370	0.440	0.397	0.206	<b>1.036</b>	<b>1.106</b>	<b>1.063</b>	<b>0.872</b>	0.965	1.035	0.992	0.801
		Back	0.559	0.585	0.213	0.296	0.318	0.240	<b>0.772</b>	<b>0.855</b>	<b>0.877</b>	<b>0.799</b>	0.798	0.881	0.903	0.825
		Right side	0.494	0.067	0.001	0.560	0.533	0.116	<b>0.495</b>	<b>1.054</b>	<b>1.027</b>	<b>0.610</b>	0.068	0.627	0.600	0.183
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>	0.229	0.051	0.221	0.151
		Bottom side	0.307	0.922						<b>0.307</b>	<b>0.307</b>	<b>0.307</b>	<b>0.307</b>	0.922	0.922	0.922
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.650	0.629	0.370	0.440	0.397	0.206	<b>1.020</b>	<b>1.090</b>	<b>1.047</b>	<b>0.856</b>	0.999	1.069	1.026	0.835
		Back	0.587	0.571	0.213	0.296	0.318	0.240	<b>0.800</b>	<b>0.883</b>	<b>0.905</b>	<b>0.827</b>	0.784	0.867	0.889	0.811
		Right side	0.547	0.521	0.001	0.560	0.533	0.116	<b>0.548</b>	<b>1.107</b>	<b>1.080</b>	<b>0.663</b>	0.522	1.081	1.054	0.637
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>	0.229	0.051	0.221	0.151
		Bottom side	0.202	0.300						<b>0.202</b>	<b>0.202</b>	<b>0.202</b>	<b>0.202</b>	0.300	0.300	0.300
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	0.699	0.681	0.370	0.440	0.397	0.206	<b>1.069</b>	<b>1.139</b>	<b>1.096</b>	<b>0.905</b>	1.051	1.121	1.078	0.887
		Back	0.654	0.658	0.213	0.296	0.318	0.240	<b>0.867</b>	<b>0.950</b>	<b>0.972</b>	<b>0.894</b>	0.871	0.954	0.976	0.898
		Right side	0.641	0.651	0.001	0.560	0.533	0.116	<b>0.642</b>	<b>1.201</b>	<b>1.174</b>	<b>0.757</b>	0.652	1.211	1.184	0.767
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>	0.229	0.051	0.221	0.151
		Bottom side	0.264	0.287						<b>0.264</b>	<b>0.264</b>	<b>0.264</b>	<b>0.264</b>	0.287	0.287	0.287
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	0.721	0.625	0.370	0.440	0.397	0.206	<b>1.091</b>	<b>1.161</b>	<b>1.118</b>	<b>0.927</b>	0.995	1.065	1.022	0.831
		Back	0.566	0.523	0.213	0.296	0.318	0.240	<b>0.779</b>	<b>0.862</b>	<b>0.884</b>	<b>0.806</b>	0.736	0.819	0.841	0.763
		Right side	0.219	0.229	0.001	0.560	0.533	0.116	<b>0.220</b>	<b>0.779</b>	<b>0.752</b>	<b>0.335</b>	0.230	0.789	0.762	0.345
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>	0.229	0.051	0.221	0.151
		Bottom side	0.976	0.983						<b>0.976</b>	<b>0.976</b>	<b>0.976</b>	<b>0.976</b>	0.983	0.983	0.983
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	0.762	0.491	0.370	0.440	0.397	0.206	<b>1.132</b>	<b>1.202</b>	<b>1.159</b>	<b>0.968</b>	0.861	0.931	0.888	0.697
		Back	0.736	0.443	0.213	0.296	0.318	0.240	<b>0.949</b>	<b>1.032</b>	<b>1.054</b>	<b>0.976</b>	0.656	0.739	0.761	0.683
		Right side	0.708	0.079	0.001	0.560	0.533	0.116	<b>0.709</b>	<b>1.268</b>	<b>1.241</b>	<b>0.824</b>	0.080	0.639	0.612	0.195
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>	0.229	0.051	0.221	0.151
		Bottom side	0.286	0.795						<b>0.286</b>	<b>0.286</b>	<b>0.286</b>	<b>0.286</b>	0.795	0.795	0.795
LTE Band 30_Ant 2 TX0		Front	0.573		0.370	0.440	0.397	0.206	<b>0.943</b>	<b>1.013</b>	<b>0.970</b>	<b>0.779</b>	0.370	0.440	0.397	0.206
		Back	0.554		0.213	0.296	0.318	0.240	<b>0.767</b>	<b>0.850</b>	<b>0.872</b>	<b>0.794</b>	0.213	0.296	0.318	0.240
		Right side	0.091		0.001	0.560	0.533	0.116	<b>0.092</b>	<b>0.651</b>	<b>0.624</b>	<b>0.207</b>	0.001	0.560	0.533	0.116
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>	0.229	0.051	0.221	0.151
		Bottom side	0.994							<b>0.994</b>	<b>0.994</b>	<b>0.994</b>	<b>0.994</b>	0.000	0.000	0.000
	FR1 n41_Ant 2 TX0	Front		0.646	0.370	0.440	0.397	0.206	<b>0.370</b>	<b>0.440</b>	<b>0.397</b>	<b>0.206</b>	1.016	1.086	1.043	0.852
		Back		0.637	0.213	0.296	0.318	0.240	<b>0.213</b>	<b>0.296</b>	<b>0.318</b>	<b>0.240</b>	0.850	0.933	0.955	0.877
		Right side		0.114	0.001	0.560	0.533	0.116	<b>0.001</b>	<b>0.560</b>	<b>0.533</b>	<b>0.116</b>	0.115	0.674	0.647	0.230
		Top side			0.229	0.051	0.221	0.151	<b>0.229</b>	<b>0.051</b>	<b>0.221</b>	<b>0.151</b>	0.229	0.051	0.221	0.151









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Table with columns for antenna type (e.g., LTE Band 26\_Ant 1 TX1), side (Front, Back, Right side, Top side, Bottom side), and 16 numerical values representing SAR test results.



FR1 n77_Ant 5 SUB_TX1	Front	0.713	0.370	0.440	0.397	0.206						1.083	1.153	1.110	0.919
	Back	0.001	0.213	0.296	0.318	0.240						0.214	0.297	0.319	0.241
	Right side	0.001	0.001	0.560	0.533	0.116						0.002	0.561	0.534	0.117
	Top side		0.229	0.051	0.221	0.151						0.229	0.051	0.221	0.151
	Bottom side	0.153										0.153	0.153	0.153	0.153

**<Open mode>  
<WWAN Index 9, WLAN Index 8 (RSDB)>**

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)	
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)							
GSM850_Ant 0 TX0		Front	0.496		0.210	0.208	0.191	0.146	0.852	0.850	0.833				
		Back	0.395		0.120	0.144	0.163	0.156	0.671	0.695	0.714				
		Right side	0.345		0.001	0.273	0.275	0.078	0.078	0.424	0.696	0.698			
		Top side			0.129	0.024	0.115	0.098		0.227	0.122	0.213			
		Bottom side	0.149							0.149	0.149	0.149			
GSM1900_Ant 2 TX0		Front	0.566		0.210	0.208	0.191	0.146	0.922	0.920	0.903				
		Back	0.487		0.120	0.144	0.163	0.156	0.763	0.787	0.806				
		Right side	0.214		0.001	0.273	0.275	0.078	0.078	0.293	0.565	0.567			
		Top side			0.129	0.024	0.115	0.098		0.227	0.122	0.213			
		Bottom side	0.983							0.983	0.983	0.983			
WCDMA II_Ant 2 TX0		Front	0.646		0.210	0.208	0.191	0.146	1.002	1.000	0.983				
		Back	0.525		0.120	0.144	0.163	0.156	0.801	0.825	0.844				
		Right side	0.219		0.001	0.273	0.275	0.078	0.078	0.298	0.570	0.572			
		Top side			0.129	0.024	0.115	0.098		0.227	0.122	0.213			
		Bottom side	0.978							0.978	0.978	0.978			
WCDMA IV_Ant 2 TX0		Front	0.663		0.210	0.208	0.191	0.146	1.019	1.017	1.000				
		Back	0.587		0.120	0.144	0.163	0.156	0.863	0.887	0.906				
		Right side	0.173		0.001	0.273	0.275	0.078	0.078	0.252	0.524	0.526			
		Top side			0.129	0.024	0.115	0.098		0.227	0.122	0.213			
		Bottom side	0.978							0.978	0.978	0.978			
WCDMA V_Ant 0 TX0		Front	0.626		0.210	0.208	0.191	0.146	0.982	0.980	0.963				
		Back	0.543		0.120	0.144	0.163	0.156	0.819	0.843	0.862				
		Right side	0.526		0.001	0.273	0.275	0.078	0.078	0.605	0.877	0.879			
		Top side			0.129	0.024	0.115	0.098		0.227	0.122	0.213			
		Bottom side	0.230							0.230	0.230	0.230			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.554	0.713	0.210	0.208	0.191	0.146	0.910	0.908	0.891	1.069	1.067	1.050	
		Back	0.535	0.653	0.120	0.144	0.163	0.156	0.811	0.835	0.854	0.929	0.953	0.972	
		Right side	0.104	0.588	0.001	0.273	0.275	0.078	0.078	0.183	0.455	0.457	0.667	0.939	0.941
		Top side			0.129	0.024	0.115	0.098		0.227	0.122	0.213	0.227	0.122	0.213
		Bottom side	0.940	0.268						0.940	0.940	0.940	0.268	0.268	0.268
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.666	0.595	0.210	0.208	0.191	0.146	1.022	1.020	1.003	0.951	0.949	0.932	
		Back	0.559	0.585	0.120	0.144	0.163	0.156	0.835	0.859	0.878	0.861	0.885	0.904	
		Right side	0.494	0.067	0.001	0.273	0.275	0.078	0.078	0.573	0.845	0.847	0.146	0.418	0.420
		Top side			0.129	0.024	0.115	0.098		0.227	0.122	0.213	0.227	0.122	0.213
		Bottom side	0.307	0.922						0.307	0.307	0.307	0.922	0.922	0.922
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.650	0.629	0.210	0.208	0.191	0.146	1.006	1.004	0.987	0.985	0.983	0.966	
		Back	0.587	0.571	0.120	0.144	0.163	0.156	0.863	0.887	0.906	0.847	0.871	0.890	
		Right side	0.547	0.521	0.001	0.273	0.275	0.078	0.078	0.626	0.898	0.900	0.600	0.872	0.874
		Top side			0.129	0.024	0.115	0.098		0.227	0.122	0.213	0.227	0.122	0.213
		Bottom side	0.202	0.300						0.202	0.202	0.202	0.300	0.300	0.300
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	0.699	0.681	0.210	0.208	0.191	0.146	1.055	1.053	1.036	1.037	1.035	1.018	
		Back	0.654	0.658	0.120	0.144	0.163	0.156	0.930	0.954	0.973	0.934	0.958	0.977	
		Right side	0.641	0.651	0.001	0.273	0.275	0.078	0.078	0.720	0.992	0.994	0.730	1.002	1.004



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Report No. : FA262403-04D

Table with columns for band, antenna, side, and SAR values. Rows include LTE Band 25, 26, 30, 41, 48, 66, 71, and 2 Ant 1 SUB\_TX0.



		Bottom side										0.000	0.000	0.000
FR1 n48_Ant 1 SUB_TX0		Front		0.374	0.210	0.208	0.191	0.146				0.730	0.728	0.711
		Back		0.305	0.120	0.144	0.163	0.156				0.581	0.605	0.624
		Right side		0.337	0.001	0.273	0.275	0.078				0.416	0.688	0.690
		Top side		0.375	0.129	0.024	0.115	0.098				0.602	0.497	0.588
		Bottom side										0.000	0.000	0.000
FR1 n77_Ant 1 SUB_TX0		Front		0.393	0.210	0.208	0.191	0.146				0.749	0.747	0.730
		Back		0.334	0.120	0.144	0.163	0.156				0.610	0.634	0.653
		Right side		0.379	0.001	0.273	0.275	0.078				0.458	0.730	0.732
		Top side		0.462	0.129	0.024	0.115	0.098				0.689	0.584	0.675
		Bottom side										0.000	0.000	0.000

**<Open mode>**

**<WWAN Index 9, WLAN Index 8 (RSDB)>**

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)	
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)							
GSM850_Ant 1 TX1		Front	0.405		0.210	0.208	0.191	0.146	0.761	0.759	0.742				
		Back	0.301		0.120	0.144	0.163	0.156	0.577	0.601	0.620				
		Right side	0.198		0.001	0.273	0.275	0.078	0.277	0.549	0.551				
		Top side	0.178		0.129	0.024	0.115	0.098	0.405	0.300	0.391				
		Bottom side								0.000	0.000	0.000			
GSM1900_Ant 0 TX1		Front	0.520		0.210	0.208	0.191	0.146	0.876	0.874	0.857				
		Back	0.451		0.120	0.144	0.163	0.156	0.727	0.751	0.770				
		Right side	0.281		0.001	0.273	0.275	0.078	0.360	0.632	0.634				
		Top side			0.129	0.024	0.115	0.098	0.227	0.122	0.213				
		Bottom side	0.294						0.294	0.294	0.294				
WCDMA II_Ant 0 TX1		Front	0.453		0.210	0.208	0.191	0.146	0.809	0.807	0.790				
		Back	0.400		0.120	0.144	0.163	0.156	0.676	0.700	0.719				
		Right side	0.064		0.001	0.273	0.275	0.078	0.143	0.415	0.417				
		Top side			0.129	0.024	0.115	0.098	0.227	0.122	0.213				
		Bottom side	0.312						0.312	0.312	0.312				
WCDMA IV_Ant 0 TX1		Front	0.510		0.210	0.208	0.191	0.146	0.866	0.864	0.847				
		Back	0.390		0.120	0.144	0.163	0.156	0.666	0.690	0.709				
		Right side	0.681		0.001	0.273	0.275	0.078	0.760	1.032	1.034				
		Top side			0.129	0.024	0.115	0.098	0.227	0.122	0.213				
		Bottom side	0.076						0.076	0.076	0.076				
WCDMA V_Ant 1 TX1		Front	0.341		0.210	0.208	0.191	0.146	0.697	0.695	0.678				
		Back	0.235		0.120	0.144	0.163	0.156	0.511	0.535	0.554				
		Right side	0.174		0.001	0.273	0.275	0.078	0.253	0.525	0.527				
		Top side	0.132		0.129	0.024	0.115	0.098	0.359	0.254	0.345				
		Bottom side							0.000	0.000	0.000				
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Front	0.788	0.462	0.210	0.208	0.191	0.146	1.144	1.142	1.125	0.818	0.816	0.799	
		Back	0.526	0.375	0.120	0.144	0.163	0.156	0.802	0.826	0.845	0.651	0.675	0.694	
		Right side	0.001	0.302	0.001	0.273	0.275	0.078	0.080	0.352	0.354	0.381	0.653	0.655	
		Top side		0.173	0.129	0.024	0.115	0.098	0.227	0.122	0.213	0.400	0.295	0.386	
		Bottom side	0.001						0.001	0.001	0.001	0.000	0.000	0.000	
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Front	0.215	0.776	0.210	0.208	0.191	0.146	0.571	0.569	0.552	1.132	1.130	1.113	
		Back	0.168	0.518	0.120	0.144	0.163	0.156	0.444	0.468	0.487	0.794	0.818	0.837	
		Right side	0.145	0.737	0.001	0.273	0.275	0.078	0.224	0.496	0.498	0.816	1.088	1.090	
		Top side	0.073		0.129	0.024	0.115	0.098	0.300	0.195	0.286	0.227	0.122	0.213	
		Bottom side		0.060					0.000	0.000	0.000	0.060	0.060	0.060	
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Front	0.356	0.280	0.210	0.208	0.191	0.146	0.712	0.710	0.693	0.636	0.634	0.617	
		Back	0.283	0.239	0.120	0.144	0.163	0.156	0.559	0.583	0.602	0.515	0.539	0.558	





		Top side			0.129	0.024	0.115	0.098	0.227	0.122	0.213	0.227	0.122	0.213
		Bottom side	0.001	0.001					0.001	0.001	0.001	0.001	0.001	0.001
FR1 n41_Ant 5 SUB_TX1		Front		0.784	0.210	0.208	0.191	0.146				1.140	1.138	1.121
		Back		0.001	0.120	0.144	0.163	0.156				0.277	0.301	0.320
		Right side		0.001	0.001	0.273	0.275	0.078				0.080	0.352	0.354
		Top side			0.129	0.024	0.115	0.098				0.227	0.122	0.213
		Bottom side			0.038							0.038	0.038	0.038
		FR1 n48_Ant 5 SUB_TX1		Front		0.456	0.210	0.208	0.191	0.146				0.812
Back		0.001		0.120	0.144	0.163	0.156				0.277	0.301	0.320	
Right side		0.001		0.001	0.273	0.275	0.078				0.080	0.352	0.354	
Top side				0.129	0.024	0.115	0.098				0.227	0.122	0.213	
Bottom side				0.042							0.042	0.042	0.042	
FR1 n77_Ant 5 SUB_TX1		Front			0.713	0.210	0.208	0.191	0.146				1.069	1.067
Back			0.001	0.120	0.144	0.163	0.156				0.277	0.301	0.320	
Right side			0.001	0.001	0.273	0.275	0.078				0.080	0.352	0.354	
Top side				0.129	0.024	0.115	0.098				0.227	0.122	0.213	
Bottom side				0.153							0.153	0.153	0.153	

<Open mode>

<WLAN Index 9 (RSDB)>

Exposure Position	1	2	3	4	1+4 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5GHz Ant 3+4			
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Front	0.533	0.491	0.591	0.352	0.885	0.843	0.943
Back	0.306	0.357	0.512	0.584	0.890	0.941	1.096
Right Side	0.001	0.674	0.568	0.210	0.211	0.884	0.778
Top Side	0.329	0.063	0.352	0.345	0.674	0.408	0.697

<Open mode>

<WLAN Index 10, BT Index 7>

Exposure Position	1	2	3	4	5	6	7	4+5 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5GHz Ant 3+4	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4			
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
Front	0.719	0.491	0.633	0.403	0.335	0.192	0.327	0.738	0.595	0.730
Back	0.414	0.357	0.549	0.749	0.287	0.176	0.215	1.036	0.925	0.964
Right Side	0.001	0.674	0.568	0.197	0.002	0.278	0.215	0.199	0.475	0.412
Top Side	0.445	0.063	0.378	0.501	0.171	0.013	0.237	0.672	0.514	0.738

<Open mode>

<WWAN Index 9, BT Index 7>

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)
			WWAN	FR1	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM850_Ant 0 TX0		Front	0.496		0.335	0.192	0.327	0.831	0.688	0.823			
		Back	0.395		0.287	0.176	0.215	0.682	0.571	0.610			
		Right side	0.345		0.002	0.278	0.215	0.347	0.623	0.560			
		Top side			0.171	0.013	0.237	0.171	0.013	0.237			
		Bottom side	0.149					0.149	0.149	0.149			
GSM1900_Ant 2 TX0		Front	0.566		0.335	0.192	0.327	0.901	0.758	0.893			
		Back	0.487		0.287	0.176	0.215	0.774	0.663	0.702			
		Right side	0.214		0.002	0.278	0.215	0.216	0.492	0.429			





		Top side			0.171	0.013	0.237	0.171	0.013	0.237			
		Bottom side	0.983					0.983	0.983	0.983			
WCDMA II_Ant 2 TX0		Front	0.646		0.335	0.192	0.327	0.981	0.838	0.973			
		Back	0.525		0.287	0.176	0.215	0.812	0.701	0.740			
		Right side	0.219		0.002	0.278	0.215	0.221	0.497	0.434			
		Top side			0.171	0.013	0.237	0.171	0.013	0.237			
		Bottom side	0.978					0.978	0.978	0.978			
WCDMA IV_Ant 2 TX0		Front	0.663		0.335	0.192	0.327	0.998	0.855	0.990			
		Back	0.587		0.287	0.176	0.215	0.874	0.763	0.802			
		Right side	0.173		0.002	0.278	0.215	0.175	0.451	0.388			
		Top side			0.171	0.013	0.237	0.171	0.013	0.237			
		Bottom side	0.978					0.978	0.978	0.978			
WCDMA V_Ant 0 TX0		Front	0.626		0.335	0.192	0.327	0.961	0.818	0.953			
		Back	0.543		0.287	0.176	0.215	0.830	0.719	0.758			
		Right side	0.526		0.002	0.278	0.215	0.528	0.804	0.741			
		Top side			0.171	0.013	0.237	0.171	0.013	0.237			
		Bottom side	0.230					0.230	0.230	0.230			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.554	0.713	0.335	0.192	0.327	0.889	0.746	0.881	1.048	0.905	1.040
		Back	0.535	0.653	0.287	0.176	0.215	0.822	0.711	0.750	0.940	0.829	0.868
		Right side	0.104	0.588	0.002	0.278	0.215	0.106	0.382	0.319	0.590	0.866	0.803
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.940	0.268				0.940	0.940	0.940	0.268	0.268	0.268
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.666	0.595	0.335	0.192	0.327	1.001	0.858	0.993	0.930	0.787	0.922
		Back	0.559	0.585	0.287	0.176	0.215	0.846	0.735	0.774	0.872	0.761	0.800
		Right side	0.494	0.067	0.002	0.278	0.215	0.496	0.772	0.709	0.069	0.345	0.282
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.307	0.922				0.307	0.307	0.307	0.922	0.922	0.922
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.650	0.629	0.335	0.192	0.327	0.985	0.842	0.977	0.964	0.821	0.956
		Back	0.587	0.571	0.287	0.176	0.215	0.874	0.763	0.802	0.858	0.747	0.786
		Right side	0.547	0.521	0.002	0.278	0.215	0.549	0.825	0.762	0.523	0.799	0.736
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.202	0.300				0.202	0.202	0.202	0.300	0.300	0.300
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	0.699	0.681	0.335	0.192	0.327	1.034	0.891	1.026	1.016	0.873	1.008
		Back	0.654	0.658	0.287	0.176	0.215	0.941	0.830	0.869	0.945	0.834	0.873
		Right side	0.641	0.651	0.002	0.278	0.215	0.643	0.919	0.856	0.653	0.929	0.866
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.264	0.287				0.264	0.264	0.264	0.287	0.287	0.287
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	0.721	0.625	0.335	0.192	0.327	1.056	0.913	1.048	0.960	0.817	0.952
		Back	0.566	0.523	0.287	0.176	0.215	0.853	0.742	0.781	0.810	0.699	0.738
		Right side	0.219	0.229	0.002	0.278	0.215	0.221	0.497	0.434	0.231	0.507	0.444
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.976	0.983				0.976	0.976	0.976	0.983	0.983	0.983
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	0.762	0.491	0.335	0.192	0.327	1.097	0.954	1.089	0.826	0.683	0.818
		Back	0.736	0.443	0.287	0.176	0.215	1.023	0.912	0.951	0.730	0.619	0.658
		Right side	0.708	0.079	0.002	0.278	0.215	0.710	0.986	0.923	0.081	0.357	0.294
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.286	0.795				0.286	0.286	0.286	0.795	0.795	0.795
LTE Band 30_Ant 2 TX0		Front	0.573		0.335	0.192	0.327	0.908	0.765	0.900	0.335	0.192	0.327
		Back	0.554		0.287	0.176	0.215	0.841	0.730	0.769	0.287	0.176	0.215
		Right side	0.091		0.002	0.278	0.215	0.093	0.369	0.306	0.002	0.278	0.215
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.994					0.994	0.994	0.994	0.000	0.000	0.000
	FR1 n41_Ant 2 TX0	Front		0.646	0.335	0.192	0.327	0.335	0.192	0.327	0.981	0.838	0.973
		Back		0.637	0.287	0.176	0.215	0.287	0.176	0.215	0.924	0.813	0.852
		Right side		0.114	0.002	0.278	0.215	0.002	0.278	0.215	0.116	0.392	0.329
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237



		Bottom side		0.996				0.000	0.000	0.000	0.996	0.996	0.996
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	0.501	0.489	0.335	0.192	0.327	0.836	0.693	0.828	0.824	0.681	0.816
		Back	0.425	0.518	0.287	0.176	0.215	0.712	0.601	0.640	0.805	0.694	0.733
		Right side	0.079	0.400	0.002	0.278	0.215	0.081	0.357	0.294	0.402	0.678	0.615
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.927	0.046					0.927	0.927	0.927	0.046	0.046
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	0.442	0.738	0.335	0.192	0.327	0.777	0.634	0.769	1.073	0.930	1.065
		Back	0.501	0.637	0.287	0.176	0.215	0.788	0.677	0.716	0.924	0.813	0.852
		Right side	0.369	0.210	0.002	0.278	0.215	0.371	0.647	0.584	0.212	0.488	0.425
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side		0.897					0.000	0.000	0.000	0.897	0.897
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	0.566	0.593	0.335	0.192	0.327	0.901	0.758	0.893	0.928	0.785	0.920
		Back	0.442	0.538	0.287	0.176	0.215	0.729	0.618	0.657	0.825	0.714	0.753
		Right side	0.166	0.456	0.002	0.278	0.215	0.168	0.444	0.381	0.458	0.734	0.671
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.900	0.256					0.900	0.900	0.900	0.256	0.256
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	0.529	0.498	0.335	0.192	0.327	0.864	0.721	0.856	0.833	0.690	0.825
		Back	0.518	0.547	0.287	0.176	0.215	0.805	0.694	0.733	0.834	0.723	0.762
		Right side	0.434	0.402	0.002	0.278	0.215	0.436	0.712	0.649	0.404	0.680	0.617
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.236						0.236	0.236	0.236	0.000	0.000
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	0.550	0.536	0.335	0.192	0.327	0.885	0.742	0.877	0.871	0.728	0.863
		Back	0.322	0.439	0.287	0.176	0.215	0.609	0.498	0.537	0.726	0.615	0.654
		Right side	0.440	0.256	0.002	0.278	0.215	0.442	0.718	0.655	0.258	0.534	0.471
		Top side	0.370	0.206	0.171	0.013	0.237	0.541	0.383	0.607	0.377	0.219	0.443
		Bottom side							0.000	0.000	0.000	0.000	0.000
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	0.559	0.480	0.335	0.192	0.327	0.894	0.751	0.886	0.815	0.672	0.807
		Back	0.374	0.395	0.287	0.176	0.215	0.661	0.550	0.589	0.682	0.571	0.610
		Right side	0.148	0.266	0.002	0.278	0.215	0.150	0.426	0.363	0.268	0.544	0.481
		Top side	0.190	0.228	0.171	0.013	0.237	0.361	0.203	0.427	0.399	0.241	0.465
		Bottom side							0.000	0.000	0.000	0.000	0.000
	FR1 n41_Ant 1 SUB_TX0	Front		0.450	0.335	0.192	0.327				0.785	0.642	0.777
		Back		0.431	0.287	0.176	0.215				0.718	0.607	0.646
		Right side		0.171	0.002	0.278	0.215				0.173	0.449	0.386
		Top side		0.573	0.171	0.013	0.237				0.744	0.586	0.810
		Bottom side									0.000	0.000	0.000
	FR1 n48_Ant 1 SUB_TX0	Front		0.374	0.335	0.192	0.327				0.709	0.566	0.701
		Back		0.305	0.287	0.176	0.215				0.592	0.481	0.520
		Right side		0.337	0.002	0.278	0.215				0.339	0.615	0.552
		Top side		0.375	0.171	0.013	0.237				0.546	0.388	0.612
		Bottom side									0.000	0.000	0.000
	FR1 n77_Ant 1 SUB_TX0	Front		0.393	0.335	0.192	0.327				0.728	0.585	0.720
		Back		0.334	0.287	0.176	0.215				0.621	0.510	0.549
		Right side		0.379	0.002	0.278	0.215				0.381	0.657	0.594
		Top side		0.462	0.171	0.013	0.237				0.633	0.475	0.699
		Bottom side									0.000	0.000	0.000



<Open mode>

<WWAN Index 9, BT Index 7>

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)
			WWAN	FR1	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM850_Ant 1 TX1		Front	0.405		0.335	0.192	0.327	<b>0.740</b>	<b>0.597</b>	<b>0.732</b>			
		Back	0.301		0.287	0.176	0.215	<b>0.588</b>	<b>0.477</b>	<b>0.516</b>			
		Right side	0.198		0.002	0.278	0.215	<b>0.200</b>	<b>0.476</b>	<b>0.413</b>			
		Top side	0.178		0.171	0.013	0.237	<b>0.349</b>	<b>0.191</b>	<b>0.415</b>			
		Bottom side						<b>0.000</b>	<b>0.000</b>	<b>0.000</b>			
GSM1900_Ant 0 TX1		Front	0.520		0.335	0.192	0.327	<b>0.855</b>	<b>0.712</b>	<b>0.847</b>			
		Back	0.451		0.287	0.176	0.215	<b>0.738</b>	<b>0.627</b>	<b>0.666</b>			
		Right side	0.281		0.002	0.278	0.215	<b>0.283</b>	<b>0.559</b>	<b>0.496</b>			
		Top side			0.171	0.013	0.237	<b>0.171</b>	<b>0.013</b>	<b>0.237</b>			
		Bottom side	0.294					<b>0.294</b>	<b>0.294</b>	<b>0.294</b>			
WCDMA II_Ant 0 TX1		Front	0.453		0.335	0.192	0.327	<b>0.788</b>	<b>0.645</b>	<b>0.780</b>			
		Back	0.400		0.287	0.176	0.215	<b>0.687</b>	<b>0.576</b>	<b>0.615</b>			
		Right side	0.064		0.002	0.278	0.215	<b>0.066</b>	<b>0.342</b>	<b>0.279</b>			
		Top side			0.171	0.013	0.237	<b>0.171</b>	<b>0.013</b>	<b>0.237</b>			
		Bottom side	0.312					<b>0.312</b>	<b>0.312</b>	<b>0.312</b>			
WCDMA IV_Ant 0 TX1		Front	0.510		0.335	0.192	0.327	<b>0.845</b>	<b>0.702</b>	<b>0.837</b>			
		Back	0.390		0.287	0.176	0.215	<b>0.677</b>	<b>0.566</b>	<b>0.605</b>			
		Right side	0.681		0.002	0.278	0.215	<b>0.683</b>	<b>0.959</b>	<b>0.896</b>			
		Top side			0.171	0.013	0.237	<b>0.171</b>	<b>0.013</b>	<b>0.237</b>			
		Bottom side	0.076					<b>0.076</b>	<b>0.076</b>	<b>0.076</b>			
WCDMA V_Ant 1 TX1		Front	0.341		0.335	0.192	0.327	<b>0.676</b>	<b>0.533</b>	<b>0.668</b>			
		Back	0.235		0.287	0.176	0.215	<b>0.522</b>	<b>0.411</b>	<b>0.450</b>			
		Right side	0.174		0.002	0.278	0.215	<b>0.176</b>	<b>0.452</b>	<b>0.389</b>			
		Top side	0.132		0.171	0.013	0.237	<b>0.303</b>	<b>0.145</b>	<b>0.369</b>			
		Bottom side						<b>0.000</b>	<b>0.000</b>	<b>0.000</b>			
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Front	0.788	0.462	0.335	0.192	0.327	<b>1.123</b>	<b>0.980</b>	<b>1.115</b>	<b>0.797</b>	<b>0.654</b>	<b>0.789</b>
		Back	0.526	0.375	0.287	0.176	0.215	<b>0.813</b>	<b>0.702</b>	<b>0.741</b>	<b>0.662</b>	<b>0.551</b>	<b>0.590</b>
		Right side	0.001	0.302	0.002	0.278	0.215	<b>0.003</b>	<b>0.279</b>	<b>0.216</b>	<b>0.304</b>	<b>0.580</b>	<b>0.517</b>
		Top side		0.173	0.171	0.013	0.237	<b>0.171</b>	<b>0.013</b>	<b>0.237</b>	<b>0.344</b>	<b>0.186</b>	<b>0.410</b>
		Bottom side	0.001					<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Front	0.215	0.776	0.335	0.192	0.327	<b>0.550</b>	<b>0.407</b>	<b>0.542</b>	<b>1.111</b>	<b>0.968</b>	<b>1.103</b>
		Back	0.168	0.518	0.287	0.176	0.215	<b>0.455</b>	<b>0.344</b>	<b>0.383</b>	<b>0.805</b>	<b>0.694</b>	<b>0.733</b>
		Right side	0.145	0.737	0.002	0.278	0.215	<b>0.147</b>	<b>0.423</b>	<b>0.360</b>	<b>0.739</b>	<b>1.015</b>	<b>0.952</b>
		Top side	0.073		0.171	0.013	0.237	<b>0.244</b>	<b>0.086</b>	<b>0.310</b>	<b>0.171</b>	<b>0.013</b>	<b>0.237</b>
		Bottom side		0.060				<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.060</b>	<b>0.060</b>	<b>0.060</b>
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Front	0.356	0.280	0.335	0.192	0.327	<b>0.691</b>	<b>0.548</b>	<b>0.683</b>	<b>0.615</b>	<b>0.472</b>	<b>0.607</b>
		Back	0.283	0.239	0.287	0.176	0.215	<b>0.570</b>	<b>0.459</b>	<b>0.498</b>	<b>0.526</b>	<b>0.415</b>	<b>0.454</b>
		Right side	0.214	0.223	0.002	0.278	0.215	<b>0.216</b>	<b>0.492</b>	<b>0.429</b>	<b>0.225</b>	<b>0.501</b>	<b>0.438</b>
		Top side	0.118	0.109	0.171	0.013	0.237	<b>0.289</b>	<b>0.131</b>	<b>0.355</b>	<b>0.280</b>	<b>0.122</b>	<b>0.346</b>
		Bottom side						<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Front	0.363	0.371	0.335	0.192	0.327	<b>0.698</b>	<b>0.555</b>	<b>0.690</b>	<b>0.706</b>	<b>0.563</b>	<b>0.698</b>
		Back	0.289	0.301	0.287	0.176	0.215	<b>0.576</b>	<b>0.465</b>	<b>0.504</b>	<b>0.588</b>	<b>0.477</b>	<b>0.516</b>
		Right side	0.272	0.287	0.002	0.278	0.215	<b>0.274</b>	<b>0.550</b>	<b>0.487</b>	<b>0.289</b>	<b>0.565</b>	<b>0.502</b>
		Top side	0.150	0.172	0.171	0.013	0.237	<b>0.321</b>	<b>0.163</b>	<b>0.387</b>	<b>0.343</b>	<b>0.185</b>	<b>0.409</b>
		Bottom side						<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Front	0.637	0.540	0.335	0.192	0.327	<b>0.972</b>	<b>0.829</b>	<b>0.964</b>	<b>0.875</b>	<b>0.732</b>	<b>0.867</b>
		Back	0.572	0.519	0.287	0.176	0.215	<b>0.859</b>	<b>0.748</b>	<b>0.787</b>	<b>0.806</b>	<b>0.695</b>	<b>0.734</b>
		Right side	0.194	0.184	0.002	0.278	0.215	<b>0.196</b>	<b>0.472</b>	<b>0.409</b>	<b>0.186</b>	<b>0.462</b>	<b>0.399</b>
		Top side			0.171	0.013	0.237	<b>0.171</b>	<b>0.013</b>	<b>0.237</b>	<b>0.171</b>	<b>0.013</b>	<b>0.237</b>



		Bottom side	0.357	0.290				0.357	0.357	0.357	0.290	0.290	0.290
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Front	0.448	0.713	0.335	0.192	0.327	0.783	0.640	0.775	1.048	0.905	1.040
		Back	0.357	0.519	0.287	0.176	0.215	0.644	0.533	0.572	0.806	0.695	0.734
		Right side	0.333	0.700	0.002	0.278	0.215	0.335	0.611	0.548	0.702	0.978	0.915
		Top side	0.184		0.171	0.013	0.237	0.355	0.197	0.421	0.171	0.013	0.237
		Bottom side		0.056				0.000	0.000	0.000	0.056	0.056	0.056
LTE Band 30_Ant 0 TX1	FR1 n30_Ant 0 TX1	Front	0.772		0.335	0.192	0.327	1.107	0.964	1.099	0.335	0.192	0.327
		Back	0.504		0.287	0.176	0.215	0.791	0.680	0.719	0.287	0.176	0.215
		Right side	0.899		0.002	0.278	0.215	0.901	1.177	1.114	0.002	0.278	0.215
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.064					0.064	0.064	0.064	0.000	0.000	0.000
	FR1 n41_Ant 0 TX1	Front		0.732	0.335	0.192	0.327	0.335	0.192	0.327	1.067	0.924	1.059
		Back		0.489	0.287	0.176	0.215	0.287	0.176	0.215	0.776	0.665	0.704
		Right side		0.668	0.002	0.278	0.215	0.002	0.278	0.215	0.670	0.946	0.883
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side		0.054				0.000	0.000	0.000	0.054	0.054	0.054
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Front	0.979	0.399	0.335	0.192	0.327	1.314	1.171	1.306	0.734	0.591	0.726
		Back	0.266	0.562	0.287	0.176	0.215	0.553	0.442	0.481	0.849	0.738	0.777
		Right side	0.349	0.166	0.002	0.278	0.215	0.351	0.627	0.564	0.168	0.444	0.381
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.001	0.270				0.001	0.001	0.001	0.270	0.270	0.270
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front	0.356	0.491	0.335	0.192	0.327	0.691	0.548	0.683	0.826	0.683	0.818
		Back	0.561	0.380	0.287	0.176	0.215	0.848	0.737	0.776	0.667	0.556	0.595
		Right side	0.210	0.708	0.002	0.278	0.215	0.212	0.488	0.425	0.710	0.986	0.923
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.248	0.079				0.248	0.248	0.248	0.079	0.079	0.079
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	0.444	0.249	0.335	0.192	0.327	0.779	0.636	0.771	0.584	0.441	0.576
		Back	0.353	0.208	0.287	0.176	0.215	0.640	0.529	0.568	0.495	0.384	0.423
		Right side	0.717	0.193	0.002	0.278	0.215	0.719	0.995	0.932	0.195	0.471	0.408
		Top side		0.099	0.171	0.013	0.237	0.171	0.013	0.237	0.270	0.112	0.336
		Bottom side	0.050					0.050	0.050	0.050	0.000	0.000	0.000
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front	0.244	0.562	0.335	0.192	0.327	0.579	0.436	0.571	0.897	0.754	0.889
		Back	0.193	0.619	0.287	0.176	0.215	0.480	0.369	0.408	0.906	0.795	0.834
		Right side	0.194	0.116	0.002	0.278	0.215	0.196	0.472	0.409	0.118	0.394	0.331
		Top side	0.094		0.171	0.013	0.237	0.265	0.107	0.331	0.171	0.013	0.237
		Bottom side		0.630				0.000	0.000	0.000	0.630	0.630	0.630
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Front	0.899	0.660	0.335	0.192	0.327	1.234	1.091	1.226	0.995	0.852	0.987
		Back	0.001	0.001	0.287	0.176	0.215	0.288	0.177	0.216	0.288	0.177	0.216
		Right side	0.001	0.001	0.002	0.278	0.215	0.003	0.279	0.216	0.003	0.279	0.216
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.080	0.001				0.080	0.080	0.080	0.001	0.001	0.001
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front	0.131	0.079	0.335	0.192	0.327	0.466	0.323	0.458	0.414	0.271	0.406
		Back	0.001	0.001	0.287	0.176	0.215	0.288	0.177	0.216	0.288	0.177	0.216
		Right side	0.001	0.001	0.002	0.278	0.215	0.003	0.279	0.216	0.003	0.279	0.216
		Top side			0.171	0.013	0.237	0.171	0.013	0.237	0.171	0.013	0.237
		Bottom side	0.001	0.001				0.001	0.001	0.001	0.001	0.001	0.001
	FR1 n41_Ant 5 SUB_TX1	Front		0.784	0.335	0.192	0.327				1.119	0.976	1.111
		Back		0.001	0.287	0.176	0.215				0.288	0.177	0.216
		Right side		0.001	0.002	0.278	0.215				0.003	0.279	0.216
		Top side			0.171	0.013	0.237				0.171	0.013	0.237
		Bottom side		0.038							0.038	0.038	0.038
	FR1 n48_Ant 5 SUB_TX1	Front		0.456	0.335	0.192	0.327				0.791	0.648	0.783
		Back		0.001	0.287	0.176	0.215				0.288	0.177	0.216
		Right side		0.001	0.002	0.278	0.215				0.003	0.279	0.216
		Top side			0.171	0.013	0.237				0.171	0.013	0.237
		Bottom side		0.042							0.042	0.042	0.042



	FR1 n77_Ant 5 SUB_TX1	Front		0.713	0.335	0.192	0.327				1.048	0.905	1.040
		Back		0.001	0.287	0.176	0.215				0.288	0.177	0.216
		Right side		0.001	0.002	0.278	0.215				0.003	0.279	0.216
		Top side			0.171	0.013	0.237				0.171	0.013	0.237
		Bottom side			0.153						0.153	0.153	0.153

16.4 Body-Worn Accessory Exposure Conditions

<Closed mode>

<WWAN Index 6, WLAN Index 3, BT Index 2>

WWAN Band	FR1 Band	Exposure Position	1	2	6	9	10	11	1+6+9 Summed 1g SAR (W/kg)	1+6+10 Summed 1g SAR (W/kg)	1+6+11 Summed 1g SAR (W/kg)	2+6+9 Summed 1g SAR (W/kg)	2+6+10 Summed 1g SAR (W/kg)	2+6+11 Summed 1g SAR (W/kg)	
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)							
GSM850_Ant 0 TX0		Front	0.484		0.133	0.051	0.010	0.052	0.668	0.627	0.669				
		Back	0.596		0.378	0.149	0.142	0.194	1.123	1.116	1.168				
GSM1900_Ant 2 TX0		Front	0.982		0.133	0.051	0.010	0.052	1.166	1.125	1.167				
		Back	0.859		0.378	0.149	0.142	0.194	1.386	1.379	1.431				
WCDMA II_Ant 2 TX0		Front	0.816		0.133	0.051	0.010	0.052	1.000	0.959	1.001				
		Back	0.937		0.378	0.149	0.142	0.194	1.464	1.457	1.509				
WCDMA IV_Ant 2 TX0		Front	0.508		0.133	0.051	0.010	0.052	0.692	0.651	0.693				
		Back	0.978		0.378	0.149	0.142	0.194	1.505	1.498	1.550				
WCDMA V_Ant 0 TX0		Front	0.378		0.133	0.051	0.010	0.052	0.562	0.521	0.563				
		Back	0.518		0.378	0.149	0.142	0.194	1.045	1.038	1.090				
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.234	0.472	0.133	0.051	0.010	0.052	0.418	0.377	0.419	0.656	0.615	0.657	
		Back	0.985	0.566	0.378	0.149	0.142	0.194	1.512	1.505	1.557	1.093	1.086	1.138	
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.299	0.173	0.133	0.051	0.010	0.052	0.483	0.442	0.484	0.357	0.316	0.358	
		Back	0.473	0.864	0.378	0.149	0.142	0.194	1.000	0.993	1.045	1.391	1.384	1.436	
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.444	0.305	0.133	0.051	0.010	0.052	0.628	0.587	0.629	0.489	0.448	0.490	
		Back	0.583	0.493	0.378	0.149	0.142	0.194	1.110	1.103	1.155	1.020	1.013	1.065	
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	0.455	0.491	0.133	0.051	0.010	0.052	0.639	0.598	0.640	0.675	0.634	0.676	
		Back	0.596	0.665	0.378	0.149	0.142	0.194	1.123	1.116	1.168	1.192	1.185	1.237	
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	0.922	0.590	0.133	0.051	0.010	0.052	1.106	1.065	1.107	0.774	0.733	0.775	
		Back	0.988	0.897	0.378	0.149	0.142	0.194	1.515	1.508	1.560	1.424	1.417	1.469	
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	0.564	0.420	0.133	0.051	0.010	0.052	0.748	0.707	0.749	0.604	0.563	0.605	
		Back	0.616	0.968	0.378	0.149	0.142	0.194	1.143	1.136	1.188	1.495	1.488	1.540	
LTE Band 30_Ant 2 TX0		Front	0.381		0.133	0.051	0.010	0.052	0.565	0.524	0.566	0.184	0.143	0.185	
		Back	0.935		0.378	0.149	0.142	0.194	1.462	1.455	1.507	0.527	0.520	0.572	
	FR1 n41_Ant 2 TX0	Front		0.214	0.133	0.051	0.010	0.052	0.184	0.143	0.185	0.398	0.357	0.399	
		Back		0.958	0.378	0.149	0.142	0.194	0.527	0.520	0.572	1.485	1.478	1.530	
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	0.236	0.264	0.133	0.051	0.010	0.052	0.420	0.379	0.421	0.448	0.407	0.449	
		Back	0.876	0.935	0.378	0.149	0.142	0.194	1.403	1.396	1.448	1.462	1.455	1.507	
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	0.291	0.459	0.133	0.051	0.010	0.052	0.475	0.434	0.476	0.643	0.602	0.644	
		Back	0.633	0.883	0.378	0.149	0.142	0.194	1.160	1.153	1.205	1.410	1.403	1.455	
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	0.494	0.288	0.133	0.051	0.010	0.052	0.678	0.637	0.679	0.472	0.431	0.473	
		Back	0.945	0.500	0.378	0.149	0.142	0.194	1.472	1.465	1.517	1.027	1.020	1.072	
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	0.228	0.456	0.133	0.051	0.010	0.052	0.412	0.371	0.413	0.640	0.599	0.641	
		Back	0.403	0.990	0.378	0.149	0.142	0.194	0.930	0.923	0.975	1.517	1.510	1.562	
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	0.617	0.594	0.133	0.051	0.010	0.052	0.801	0.760	0.802	0.778	0.737	0.779	
		Back	0.865	0.836	0.378	0.149	0.142	0.194	1.392	1.385	1.437	1.363	1.356	1.408	
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	0.201	0.475	0.133	0.051	0.010	0.052	0.385	0.344	0.386	0.659	0.618	0.660	
		Back	0.783	0.854	0.378	0.149	0.142	0.194	1.310	1.303	1.355	1.381	1.374	1.426	











**<Closed mode>**

**<WWAN Index 6, WLAN Index 3 (RSDB)>**

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)
			WWAN	FR1	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM850_Ant 0 TX0		Front	0.484		0.111	0.046	0.066	0.133	0.728	0.663	0.683			
		Back	0.596		0.274	0.252	0.286	0.297	1.167	1.145	1.179			
GSM1900_Ant 2 TX0		Front	0.982		0.111	0.046	0.066	0.133	1.226	1.161	1.181			
		Back	0.859		0.274	0.252	0.286	0.297	1.430	1.408	1.442			
WCDMA II_Ant 2 TX0		Front	0.816		0.111	0.046	0.066	0.133	1.060	0.995	1.015			
		Back	0.937		0.274	0.252	0.286	0.297	1.508	1.486	1.520			
WCDMA IV_Ant 2 TX0		Front	0.508		0.111	0.046	0.066	0.133	0.752	0.687	0.707			
		Back	0.978		0.274	0.252	0.286	0.297	1.549	1.527	1.561			
WCDMA V_Ant 0 TX0		Front	0.378		0.111	0.046	0.066	0.133	0.622	0.557	0.577			
		Back	0.518		0.274	0.252	0.286	0.297	1.089	1.067	1.101			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.234	0.472	0.111	0.046	0.066	0.133	0.478	0.413	0.433	0.716	0.651	0.671
		Back	0.985	0.566	0.274	0.252	0.286	0.297	1.556	1.534	1.568	1.137	1.115	1.149
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.299	0.173	0.111	0.046	0.066	0.133	0.543	0.478	0.498	0.417	0.352	0.372
		Back	0.473	0.864	0.274	0.252	0.286	0.297	1.044	1.022	1.056	1.435	1.413	1.447
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.444	0.305	0.111	0.046	0.066	0.133	0.688	0.623	0.643	0.549	0.484	0.504
		Back	0.583	0.493	0.274	0.252	0.286	0.297	1.154	1.132	1.166	1.064	1.042	1.076
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	0.455	0.491	0.111	0.046	0.066	0.133	0.699	0.634	0.654	0.735	0.670	0.690
		Back	0.596	0.665	0.274	0.252	0.286	0.297	1.167	1.145	1.179	1.236	1.214	1.248
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	0.922	0.590	0.111	0.046	0.066	0.133	1.166	1.101	1.121	0.834	0.769	0.789
		Back	0.988	0.897	0.274	0.252	0.286	0.297	1.559	1.537	1.571	1.468	1.446	1.480
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	0.564	0.420	0.111	0.046	0.066	0.133	0.808	0.743	0.763	0.664	0.599	0.619
		Back	0.616	0.968	0.274	0.252	0.286	0.297	1.187	1.165	1.199	1.539	1.517	1.551
LTE Band 30_Ant 2 TX0		Front	0.381		0.111	0.046	0.066	0.133	0.625	0.560	0.580	0.244	0.179	0.199
		Back	0.935		0.274	0.252	0.286	0.297	1.506	1.484	1.518	0.571	0.549	0.583
	FR1 n41_Ant 2 TX0	Front		0.214	0.111	0.046	0.066	0.133	0.244	0.179	0.199	0.458	0.393	0.413
		Back		0.958	0.274	0.252	0.286	0.297	0.571	0.549	0.583	1.529	1.507	1.541
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	0.236	0.264	0.111	0.046	0.066	0.133	0.480	0.415	0.435	0.508	0.443	0.463
		Back	0.876	0.935	0.274	0.252	0.286	0.297	1.447	1.425	1.459	1.506	1.484	1.518
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	0.291	0.459	0.111	0.046	0.066	0.133	0.535	0.470	0.490	0.703	0.638	0.658
		Back	0.633	0.883	0.274	0.252	0.286	0.297	1.204	1.182	1.216	1.454	1.432	1.466
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	0.494	0.288	0.111	0.046	0.066	0.133	0.738	0.673	0.693	0.532	0.467	0.487
		Back	0.945	0.500	0.274	0.252	0.286	0.297	1.516	1.494	1.528	1.071	1.049	1.083
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	0.228	0.456	0.111	0.046	0.066	0.133	0.472	0.407	0.427	0.700	0.635	0.655
		Back	0.403	0.990	0.274	0.252	0.286	0.297	0.974	0.952	0.986	1.561	1.539	1.573
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	0.617	0.594	0.111	0.046	0.066	0.133	0.861	0.796	0.816	0.838	0.773	0.793
		Back	0.865	0.836	0.274	0.252	0.286	0.297	1.436	1.414	1.448	1.407	1.385	1.419
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	0.201	0.475	0.111	0.046	0.066	0.133	0.445	0.380	0.400	0.719	0.654	0.674
		Back	0.783	0.854	0.274	0.252	0.286	0.297	1.354	1.332	1.366	1.425	1.403	1.437
	FR1 n41_Ant 1 SUB_TX0	Front		0.101	0.111	0.046	0.066	0.133				0.345	0.280	0.300
		Back		0.485	0.274	0.252	0.286	0.297				1.056	1.034	1.068
	FR1 n48_Ant 1 SUB_TX0	Front		0.216	0.111	0.046	0.066	0.133				0.460	0.395	0.415
		Back		0.576	0.274	0.252	0.286	0.297				1.147	1.125	1.159
	FR1 n77_Ant 1 SUB_TX0	Front		0.237	0.111	0.046	0.066	0.133				0.481	0.416	0.436
		Back		0.548	0.274	0.252	0.286	0.297				1.119	1.097	1.131



<Closed mode>

<WWAN Index 6, WLAN Index 3 (RSDB)>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)
			WWAN	FR1	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM850_Ant 1 TX1		Front	0.199		0.111	0.046	0.066	0.133	0.443	0.378	0.398			
		Back	0.507		0.274	0.252	0.286	0.297	1.078	1.056	1.090			
GSM1900_Ant 0 TX1		Front	0.402		0.111	0.046	0.066	0.133	0.646	0.581	0.601			
		Back	0.365		0.274	0.252	0.286	0.297	0.936	0.914	0.948			
WCDMA II_Ant 0 TX1		Front	0.741		0.111	0.046	0.066	0.133	0.985	0.920	0.940			
		Back	0.540		0.274	0.252	0.286	0.297	1.111	1.089	1.123			
WCDMA IV_Ant 0 TX1		Front	0.195		0.111	0.046	0.066	0.133	0.439	0.374	0.394			
		Back	0.889		0.274	0.252	0.286	0.297	1.460	1.438	1.472			
WCDMA V_Ant 1 TX1		Front	0.202		0.111	0.046	0.066	0.133	0.446	0.381	0.401			
		Back	0.425		0.274	0.252	0.286	0.297	0.996	0.974	1.008			
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Front	0.126	0.311	0.111	0.046	0.066	0.133	0.370	0.305	0.325	0.555	0.490	0.510
		Back	0.902	0.528	0.274	0.252	0.286	0.297	1.473	1.451	1.485	1.099	1.077	1.111
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Front	0.226	0.097	0.111	0.046	0.066	0.133	0.470	0.405	0.425	0.341	0.276	0.296
		Back	0.283	0.704	0.274	0.252	0.286	0.297	0.854	0.832	0.866	1.275	1.253	1.287
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Front	0.218	0.271	0.111	0.046	0.066	0.133	0.462	0.397	0.417	0.515	0.450	0.470
		Back	0.387	0.349	0.274	0.252	0.286	0.297	0.958	0.936	0.970	0.920	0.898	0.932
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Front	0.259	0.195	0.111	0.046	0.066	0.133	0.503	0.438	0.458	0.439	0.374	0.394
		Back	0.429	0.329	0.274	0.252	0.286	0.297	1.000	0.978	1.012	0.900	0.878	0.912
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Front	0.705	0.699	0.111	0.046	0.066	0.133	0.949	0.884	0.904	0.943	0.878	0.898
		Back	0.602	0.600	0.274	0.252	0.286	0.297	1.173	1.151	1.185	1.171	1.149	1.183
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Front	0.271	0.212	0.111	0.046	0.066	0.133	0.515	0.450	0.470	0.456	0.391	0.411
		Back	0.461	0.984	0.274	0.252	0.286	0.297	1.032	1.010	1.044	1.555	1.533	1.567
LTE Band 30_Ant 0 TX1		Front	0.185		0.111	0.046	0.066	0.133	0.429	0.364	0.384	0.244	0.179	0.199
		Back	0.860		0.274	0.252	0.286	0.297	1.431	1.409	1.443	0.571	0.549	0.583
	FR1 n41_Ant 0 TX1	Front		0.105	0.111	0.046	0.066	0.133	0.244	0.179	0.199	0.349	0.284	0.304
		Back		0.768	0.274	0.252	0.286	0.297	0.571	0.549	0.583	1.339	1.317	1.351
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Front	0.001	0.504	0.111	0.046	0.066	0.133	0.245	0.180	0.200	0.748	0.683	0.703
		Back	0.615	0.926	0.274	0.252	0.286	0.297	1.186	1.164	1.198	1.497	1.475	1.509
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front	0.254	0.193	0.111	0.046	0.066	0.133	0.498	0.433	0.453	0.437	0.372	0.392
		Back	0.435	0.890	0.274	0.252	0.286	0.297	1.006	0.984	1.018	1.461	1.439	1.473
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	0.136	0.219	0.111	0.046	0.066	0.133	0.380	0.315	0.335	0.463	0.398	0.418
		Back	0.983	0.245	0.274	0.252	0.286	0.297	1.554	1.532	1.566	0.816	0.794	0.828
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front	0.181	0.465	0.111	0.046	0.066	0.133	0.425	0.360	0.380	0.709	0.644	0.664
		Back	0.206	0.762	0.274	0.252	0.286	0.297	0.777	0.755	0.789	1.333	1.311	1.345
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Front	0.001	0.001	0.111	0.046	0.066	0.133	0.245	0.180	0.200	0.245	0.180	0.200
		Back	0.965	0.843	0.274	0.252	0.286	0.297	1.536	1.514	1.548	1.414	1.392	1.426
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front	0.001	0.001	0.111	0.046	0.066	0.133	0.245	0.180	0.200	0.245	0.180	0.200
		Back	0.184	0.227	0.274	0.252	0.286	0.297	0.755	0.733	0.767	0.798	0.776	0.810
	FR1 n41_Ant 5 SUB_TX1	Front		0.001	0.111	0.046	0.066	0.133				0.245	0.180	0.200
		Back		0.914	0.274	0.252	0.286	0.297				1.485	1.463	1.497
	FR1 n48_Ant 5 SUB_TX1	Front		0.001	0.111	0.046	0.066	0.133				0.245	0.180	0.200
		Back		0.975	0.274	0.252	0.286	0.297				1.543	1.521	1.555
	FR1 n77_Ant 5 SUB_TX1	Front		0.001	0.111	0.046	0.066	0.133				0.245	0.180	0.200
		Back		0.904	0.274	0.252	0.286	0.297				1.475	1.453	1.487



<Closed mode>  
<WLAN Index 4 (RSDB)>

Exposure Position	1	2	3	4	1+4 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)			
Front	0.212	0.065	0.087	0.133	0.345	0.198	0.220
Back	0.581	0.352	0.530	0.378	0.959	0.730	0.908

<Closed mode>  
<WLAN Index 5, BT Index 3>

Exposure Position	1	2	3	4	5	6	7	4+5 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)			
Front	0.212	0.065	0.087	0.133	0.132	0.019	0.067	0.265	0.152	0.200
Back	0.581	0.352	0.530	0.378	0.323	0.282	0.240	0.701	0.660	0.618

<Closed mode>  
<WWAN Index 6, BT Index 3>

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)						
GSM850_Ant 0 TX0		Front	0.484		0.132	0.019	0.067	0.616	0.503	0.551			
		Back	0.596		0.323	0.282	0.240	0.919	0.878	0.836			
GSM1900_Ant 2 TX0		Front	0.982		0.132	0.019	0.067	1.114	1.001	1.049			
		Back	0.859		0.323	0.282	0.240	1.182	1.141	1.099			
WCDMA II_Ant 2 TX0		Front	0.816		0.132	0.019	0.067	0.948	0.835	0.883			
		Back	0.937		0.323	0.282	0.240	1.260	1.219	1.177			
WCDMA IV_Ant 2 TX0		Front	0.508		0.132	0.019	0.067	0.640	0.527	0.575			
		Back	0.978		0.323	0.282	0.240	1.301	1.260	1.218			
WCDMA V_Ant 0 TX0		Front	0.378		0.132	0.019	0.067	0.510	0.397	0.445			
		Back	0.518		0.323	0.282	0.240	0.841	0.800	0.758			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.234	0.472	0.132	0.019	0.067	0.366	0.253	0.301	0.604	0.491	0.539
		Back	0.985	0.566	0.323	0.282	0.240	1.308	1.267	1.225	0.889	0.848	0.806
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.299	0.173	0.132	0.019	0.067	0.431	0.318	0.366	0.305	0.192	0.240
		Back	0.473	0.864	0.323	0.282	0.240	0.796	0.755	0.713	1.187	1.146	1.104
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.444	0.305	0.132	0.019	0.067	0.576	0.463	0.511	0.437	0.324	0.372
		Back	0.583	0.493	0.323	0.282	0.240	0.906	0.865	0.823	0.816	0.775	0.733
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	0.455	0.491	0.132	0.019	0.067	0.587	0.474	0.522	0.623	0.510	0.558
		Back	0.596	0.665	0.323	0.282	0.240	0.919	0.878	0.836	0.988	0.947	0.905
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	0.922	0.590	0.132	0.019	0.067	1.054	0.941	0.989	0.722	0.609	0.657
		Back	0.988	0.897	0.323	0.282	0.240	1.311	1.270	1.228	1.220	1.179	1.137
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	0.564	0.420	0.132	0.019	0.067	0.696	0.583	0.631	0.552	0.439	0.487
		Back	0.616	0.968	0.323	0.282	0.240	0.939	0.898	0.856	1.291	1.250	1.208
LTE Band 30_Ant 2 TX0		Front	0.381		0.132	0.019	0.067	0.513	0.400	0.448	0.132	0.019	0.067
		Back	0.935		0.323	0.282	0.240	1.258	1.217	1.175	0.323	0.282	0.240
	FR1 n41_Ant 2 TX0	Front		0.214	0.132	0.019	0.067	0.132	0.019	0.067	0.346	0.233	0.281
		Back		0.958	0.323	0.282	0.240	0.323	0.282	0.240	1.281	1.240	1.198
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	0.236	0.264	0.132	0.019	0.067	0.368	0.255	0.303	0.396	0.283	0.331
		Back	0.876	0.935	0.323	0.282	0.240	1.199	1.158	1.116	1.258	1.217	1.175
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	0.291	0.459	0.132	0.019	0.067	0.423	0.310	0.358	0.591	0.478	0.526
		Back	0.633	0.883	0.323	0.282	0.240	0.956	0.915	0.873	1.206	1.165	1.123















<Open mode>  
<WWAN Index 11, WLAN Index 8 (RSDB)>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)
			WWAN	FR1	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM850_Ant 0 TX0		Front	0.505		0.210	0.208	0.191	0.146	0.861	0.859	0.842			
		Back	0.396		0.120	0.144	0.163	0.156	0.672	0.696	0.715			
GSM1900_Ant 2 TX0		Front	0.986		0.210	0.208	0.191	0.146	1.342	1.340	1.323			
		Back	0.849		0.120	0.144	0.163	0.156	1.125	1.149	1.168			
WCDMA II_Ant 2 TX0		Front	0.937		0.210	0.208	0.191	0.146	1.293	1.291	1.274			
		Back	0.733		0.120	0.144	0.163	0.156	1.009	1.033	1.052			
WCDMA IV_Ant 2 TX0		Front	0.706		0.210	0.208	0.191	0.146	1.062	1.060	1.043			
		Back	0.614		0.120	0.144	0.163	0.156	0.890	0.914	0.933			
WCDMA V_Ant 0 TX0		Front	0.636		0.210	0.208	0.191	0.146	0.992	0.990	0.973			
		Back	0.539		0.120	0.144	0.163	0.156	0.815	0.839	0.858			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.885	0.713	0.210	0.208	0.191	0.146	1.241	1.239	1.222	1.069	1.067	1.050
		Back	0.799	0.653	0.120	0.144	0.163	0.156	1.075	1.099	1.118	0.929	0.953	0.972
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.666	0.972	0.210	0.208	0.191	0.146	1.022	1.020	1.003	1.328	1.326	1.309
		Back	0.559	0.954	0.120	0.144	0.163	0.156	0.835	0.859	0.878	1.230	1.254	1.273
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.650	0.629	0.210	0.208	0.191	0.146	1.006	1.004	0.987	0.985	0.983	0.966
		Back	0.587	0.571	0.120	0.144	0.163	0.156	0.863	0.887	0.906	0.847	0.871	0.890
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	0.699	0.681	0.210	0.208	0.191	0.146	1.055	1.053	1.036	1.037	1.035	1.018
		Back	0.654	0.658	0.120	0.144	0.163	0.156	0.930	0.954	0.973	0.934	0.958	0.977
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	0.873	0.981	0.210	0.208	0.191	0.146	1.229	1.227	1.210	1.337	1.335	1.318
		Back	0.664	0.798	0.120	0.144	0.163	0.156	0.940	0.964	0.983	1.074	1.098	1.117
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	0.762	0.980	0.210	0.208	0.191	0.146	1.118	1.116	1.099	1.336	1.334	1.317
		Back	0.736	0.884	0.120	0.144	0.163	0.156	1.012	1.036	1.055	1.160	1.184	1.203
LTE Band 30_Ant 2 TX0		Front	0.848		0.210	0.208	0.191	0.146	1.204	1.202	1.185	0.356	0.354	0.337
		Back	0.788		0.120	0.144	0.163	0.156	1.064	1.088	1.107	0.276	0.300	0.319
	FR1 n41_Ant 2 TX0	Front		0.646	0.210	0.208	0.191	0.146	0.356	0.354	0.337	1.002	1.000	0.983
		Back		0.637	0.120	0.144	0.163	0.156	0.276	0.300	0.319	0.913	0.937	0.956
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	0.721	0.489	0.210	0.208	0.191	0.146	1.077	1.075	1.058	0.845	0.843	0.826
		Back	0.576	0.518	0.120	0.144	0.163	0.156	0.852	0.876	0.895	0.794	0.818	0.837
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	0.442	0.757	0.210	0.208	0.191	0.146	0.798	0.796	0.779	1.113	1.111	1.094
		Back	0.501	0.652	0.120	0.144	0.163	0.156	0.777	0.801	0.820	0.928	0.952	0.971
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	0.566	0.593	0.210	0.208	0.191	0.146	0.922	0.920	0.903	0.949	0.947	0.930
		Back	0.442	0.538	0.120	0.144	0.163	0.156	0.718	0.742	0.761	0.814	0.838	0.857
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	0.529	0.498	0.210	0.208	0.191	0.146	0.885	0.883	0.866	0.854	0.852	0.835
		Back	0.518	0.547	0.120	0.144	0.163	0.156	0.794	0.818	0.837	0.823	0.847	0.866
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	0.550	0.536	0.210	0.208	0.191	0.146	0.906	0.904	0.887	0.892	0.890	0.873
		Back	0.322	0.439	0.120	0.144	0.163	0.156	0.598	0.622	0.641	0.715	0.739	0.758
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	0.559	0.480	0.210	0.208	0.191	0.146	0.915	0.913	0.896	0.836	0.834	0.817
		Back	0.374	0.395	0.120	0.144	0.163	0.156	0.650	0.674	0.693	0.671	0.695	0.714
	FR1 n41_Ant 1 SUB_TX0	Front		0.450	0.210	0.208	0.191	0.146				0.806	0.804	0.787
		Back		0.431	0.120	0.144	0.163	0.156				0.707	0.731	0.750
	FR1 n48_Ant 1 SUB_TX0	Front		0.374	0.210	0.208	0.191	0.146				0.730	0.728	0.711
		Back		0.305	0.120	0.144	0.163	0.156				0.581	0.605	0.624
	FR1 n77_Ant 1 SUB_TX0	Front		0.393	0.210	0.208	0.191	0.146				0.749	0.747	0.730
		Back		0.334	0.120	0.144	0.163	0.156				0.610	0.634	0.653



<Open mode>  
<WWAN Index 11, WLAN Index 8 (RSDB)>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	1+3+6 Summed 1g SAR (W/kg)	1+4+6 Summed 1g SAR (W/kg)	1+5+6 Summed 1g SAR (W/kg)	2+3+6 Summed 1g SAR (W/kg)	2+4+6 Summed 1g SAR (W/kg)	2+5+6 Summed 1g SAR (W/kg)
			WWAN	FR1	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4						
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)						
GSM850_Ant 1 TX1		Front	0.405		0.210	0.208	0.191	0.146	0.761	0.759	0.742			
		Back	0.301		0.120	0.144	0.163	0.156	0.577	0.601	0.620			
GSM1900_Ant 0 TX1		Front	0.520		0.210	0.208	0.191	0.146	0.876	0.874	0.857			
		Back	0.451		0.120	0.144	0.163	0.156	0.727	0.751	0.770			
WCDMA II_Ant 0 TX1		Front	0.453		0.210	0.208	0.191	0.146	0.809	0.807	0.790			
		Back	0.400		0.120	0.144	0.163	0.156	0.676	0.700	0.719			
WCDMA IV_Ant 0 TX1		Front	0.510		0.210	0.208	0.191	0.146	0.866	0.864	0.847			
		Back	0.390		0.120	0.144	0.163	0.156	0.666	0.690	0.709			
WCDMA V_Ant 1 TX1		Front	0.350		0.210	0.208	0.191	0.146	0.706	0.704	0.687			
		Back	0.235		0.120	0.144	0.163	0.156	0.511	0.535	0.554			
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Front	0.788	0.462	0.210	0.208	0.191	0.146	1.144	1.142	1.125	0.818	0.816	0.799
		Back	0.526	0.375	0.120	0.144	0.163	0.156	0.802	0.826	0.845	0.651	0.675	0.694
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Front	0.215	0.776	0.210	0.208	0.191	0.146	0.571	0.569	0.552	1.132	1.130	1.113
		Back	0.168	0.518	0.120	0.144	0.163	0.156	0.444	0.468	0.487	0.794	0.818	0.837
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Front	0.356	0.280	0.210	0.208	0.191	0.146	0.712	0.710	0.693	0.636	0.634	0.617
		Back	0.283	0.239	0.120	0.144	0.163	0.156	0.559	0.583	0.602	0.515	0.539	0.558
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Front	0.363	0.371	0.210	0.208	0.191	0.146	0.719	0.717	0.700	0.727	0.725	0.708
		Back	0.289	0.301	0.120	0.144	0.163	0.156	0.565	0.589	0.608	0.577	0.601	0.620
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Front	0.637	0.540	0.210	0.208	0.191	0.146	0.993	0.991	0.974	0.896	0.894	0.877
		Back	0.572	0.519	0.120	0.144	0.163	0.156	0.848	0.872	0.891	0.795	0.819	0.838
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Front	0.448	0.713	0.210	0.208	0.191	0.146	0.804	0.802	0.785	1.069	1.067	1.050
		Back	0.357	0.519	0.120	0.144	0.163	0.156	0.633	0.657	0.676	0.795	0.819	0.838
LTE Band 30_Ant 0 TX1		Front	0.772		0.210	0.208	0.191	0.146	1.128	1.126	1.109	0.356	0.354	0.337
		Back	0.504		0.120	0.144	0.163	0.156	0.780	0.804	0.823	0.276	0.300	0.319
	FR1 n41_Ant 0 TX1	Front		0.732	0.210	0.208	0.191	0.146	0.356	0.354	0.337	1.088	1.086	1.069
		Back		0.489	0.120	0.144	0.163	0.156	0.276	0.300	0.319	0.765	0.789	0.808
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Front	0.979	0.399	0.210	0.208	0.191	0.146	1.335	1.333	1.316	0.755	0.753	0.736
		Back	0.266	0.562	0.120	0.144	0.163	0.156	0.542	0.566	0.585	0.838	0.862	0.881
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front	0.356	0.502	0.210	0.208	0.191	0.146	0.712	0.710	0.693	0.858	0.856	0.839
		Back	0.561	0.388	0.120	0.144	0.163	0.156	0.837	0.861	0.880	0.664	0.688	0.707
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	0.539	0.249	0.210	0.208	0.191	0.146	0.895	0.893	0.876	0.605	0.603	0.586
		Back	0.393	0.208	0.120	0.144	0.163	0.156	0.669	0.693	0.712	0.484	0.508	0.527
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front	0.244	0.562	0.210	0.208	0.191	0.146	0.600	0.598	0.581	0.918	0.916	0.899
		Back	0.193	0.619	0.120	0.144	0.163	0.156	0.469	0.493	0.512	0.895	0.919	0.938
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Front	0.899	0.660	0.210	0.208	0.191	0.146	1.255	1.253	1.236	1.016	1.014	0.997
		Back	0.001	0.001	0.120	0.144	0.163	0.156	0.277	0.301	0.320	0.277	0.301	0.320
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front	0.131	0.079	0.210	0.208	0.191	0.146	0.487	0.485	0.468	0.435	0.433	0.416
		Back	0.001	0.001	0.120	0.144	0.163	0.156	0.277	0.301	0.320	0.277	0.301	0.320
	FR1 n41_Ant 5 SUB_TX1	Front		0.699	0.210	0.208	0.191	0.146				1.055	1.053	1.036
		Back		0.001	0.120	0.144	0.163	0.156				0.277	0.301	0.320
	FR1 n48_Ant 5 SUB_TX1	Front		0.456	0.210	0.208	0.191	0.146				0.812	0.810	0.793
		Back		0.001	0.120	0.144	0.163	0.156				0.277	0.301	0.320
	FR1 n77_Ant 5 SUB_TX1	Front		0.713	0.210	0.208	0.191	0.146				1.069	1.067	1.050
		Back		0.001	0.120	0.144	0.163	0.156				0.277	0.301	0.320



<Open mode>

<WLAN Index 9 (RSDB)>

Exposure Position	1	2	3	4	1+4 Summed 1g SAR (W/kg)	2+4 Summed 1g SAR (W/kg)	3+4 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)			
Front	0.533	0.491	0.591	0.352	<b>0.885</b>	<b>0.843</b>	<b>0.943</b>
Back	0.306	0.357	0.512	0.584	<b>0.890</b>	<b>0.941</b>	<b>1.096</b>

<Open mode>

<WLAN Index 10, BT Index 7>

Exposure Position	1	2	3	4	5	6	7	4+5 Summed 1g SAR (W/kg)	4+6 Summed 1g SAR (W/kg)	4+7 Summed 1g SAR (W/kg)
	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)			
Front	0.719	0.491	0.633	0.403	0.335	0.192	0.327	<b>0.738</b>	<b>0.595</b>	<b>0.730</b>
Back	0.414	0.357	0.549	0.749	0.287	0.176	0.215	<b>1.036</b>	<b>0.925</b>	<b>0.964</b>

<Open mode>

<WWAN Index 11, BT Index 7>

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9 Summed 1g SAR (W/kg)	1+10 Summed 1g SAR (W/kg)	1+11 Summed 1g SAR (W/kg)	2+9 Summed 1g SAR (W/kg)	2+10 Summed 1g SAR (W/kg)	2+11 Summed 1g SAR (W/kg)
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)						
GSM850_Ant 0 TX0		Front	0.505		0.335	0.192	0.327	<b>0.840</b>	<b>0.697</b>	<b>0.832</b>			
		Back	0.396		0.287	0.176	0.215	<b>0.683</b>	<b>0.572</b>	<b>0.611</b>			
GSM1900_Ant 2 TX0		Front	0.986		0.335	0.192	0.327	<b>1.321</b>	<b>1.178</b>	<b>1.313</b>			
		Back	0.849		0.287	0.176	0.215	<b>1.136</b>	<b>1.025</b>	<b>1.064</b>			
WCDMA II_Ant 2 TX0		Front	0.937		0.335	0.192	0.327	<b>1.272</b>	<b>1.129</b>	<b>1.264</b>			
		Back	0.733		0.287	0.176	0.215	<b>1.020</b>	<b>0.909</b>	<b>0.948</b>			
WCDMA IV_Ant 2 TX0		Front	0.706		0.335	0.192	0.327	<b>1.041</b>	<b>0.898</b>	<b>1.033</b>			
		Back	0.614		0.287	0.176	0.215	<b>0.901</b>	<b>0.790</b>	<b>0.829</b>			
WCDMA V_Ant 0 TX0		Front	0.636		0.335	0.192	0.327	<b>0.971</b>	<b>0.828</b>	<b>0.963</b>			
		Back	0.539		0.287	0.176	0.215	<b>0.826</b>	<b>0.715</b>	<b>0.754</b>			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	0.885	0.713	0.335	0.192	0.327	<b>1.220</b>	<b>1.077</b>	<b>1.212</b>	<b>1.048</b>	<b>0.905</b>	<b>1.040</b>
		Back	0.799	0.653	0.287	0.176	0.215	<b>1.086</b>	<b>0.975</b>	<b>1.014</b>	<b>0.940</b>	<b>0.829</b>	<b>0.868</b>
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	0.666	0.972	0.335	0.192	0.327	<b>1.001</b>	<b>0.858</b>	<b>0.993</b>	<b>1.307</b>	<b>1.164</b>	<b>1.299</b>
		Back	0.559	0.954	0.287	0.176	0.215	<b>0.846</b>	<b>0.735</b>	<b>0.774</b>	<b>1.241</b>	<b>1.130</b>	<b>1.169</b>
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	0.650	0.629	0.335	0.192	0.327	<b>0.985</b>	<b>0.842</b>	<b>0.977</b>	<b>0.964</b>	<b>0.821</b>	<b>0.956</b>
		Back	0.587	0.571	0.287	0.176	0.215	<b>0.874</b>	<b>0.763</b>	<b>0.802</b>	<b>0.858</b>	<b>0.747</b>	<b>0.786</b>
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	0.699	0.681	0.335	0.192	0.327	<b>1.034</b>	<b>0.891</b>	<b>1.026</b>	<b>1.016</b>	<b>0.873</b>	<b>1.008</b>
		Back	0.654	0.658	0.287	0.176	0.215	<b>0.941</b>	<b>0.830</b>	<b>0.869</b>	<b>0.945</b>	<b>0.834</b>	<b>0.873</b>
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	0.873	0.981	0.335	0.192	0.327	<b>1.208</b>	<b>1.065</b>	<b>1.200</b>	<b>1.316</b>	<b>1.173</b>	<b>1.308</b>
		Back	0.664	0.798	0.287	0.176	0.215	<b>0.951</b>	<b>0.840</b>	<b>0.879</b>	<b>1.085</b>	<b>0.974</b>	<b>1.013</b>
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	0.762	0.980	0.335	0.192	0.327	<b>1.097</b>	<b>0.954</b>	<b>1.089</b>	<b>1.315</b>	<b>1.172</b>	<b>1.307</b>
		Back	0.736	0.884	0.287	0.176	0.215	<b>1.023</b>	<b>0.912</b>	<b>0.951</b>	<b>1.171</b>	<b>1.060</b>	<b>1.099</b>
LTE Band 30_Ant 2 TX0		Front	0.848		0.335	0.192	0.327	<b>1.183</b>	<b>1.040</b>	<b>1.175</b>	<b>0.335</b>	<b>0.192</b>	<b>0.327</b>
		Back	0.788		0.287	0.176	0.215	<b>1.075</b>	<b>0.964</b>	<b>1.003</b>	<b>0.287</b>	<b>0.176</b>	<b>0.215</b>
	FR1 n41_Ant 2 TX0	Front		0.646	0.335	0.192	0.327	<b>0.335</b>	<b>0.192</b>	<b>0.327</b>	<b>0.981</b>	<b>0.838</b>	<b>0.973</b>
		Back		0.637	0.287	0.176	0.215	<b>0.287</b>	<b>0.176</b>	<b>0.215</b>	<b>0.924</b>	<b>0.813</b>	<b>0.852</b>
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	0.721	0.489	0.335	0.192	0.327	<b>1.056</b>	<b>0.913</b>	<b>1.048</b>	<b>0.824</b>	<b>0.681</b>	<b>0.816</b>
		Back	0.576	0.518	0.287	0.176	0.215	<b>0.863</b>	<b>0.752</b>	<b>0.791</b>	<b>0.805</b>	<b>0.694</b>	<b>0.733</b>
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	0.442	0.757	0.335	0.192	0.327	<b>0.777</b>	<b>0.634</b>	<b>0.769</b>	<b>1.092</b>	<b>0.949</b>	<b>1.084</b>
		Back	0.501	0.652	0.287	0.176	0.215	<b>0.788</b>	<b>0.677</b>	<b>0.716</b>	<b>0.939</b>	<b>0.828</b>	<b>0.867</b>



FCC SAR TEST REPORT

Report No. : FA262403-04D

LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	0.566	0.593	0.335	0.192	0.327	0.901	0.758	0.893	0.928	0.785	0.920
		Back	0.442	0.538	0.287	0.176	0.215	0.729	0.618	0.657	0.825	0.714	0.753
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	0.529	0.498	0.335	0.192	0.327	0.864	0.721	0.856	0.833	0.690	0.825
		Back	0.518	0.547	0.287	0.176	0.215	0.805	0.694	0.733	0.834	0.723	0.762
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	0.550	0.536	0.335	0.192	0.327	0.885	0.742	0.877	0.871	0.728	0.863
		Back	0.322	0.439	0.287	0.176	0.215	0.609	0.498	0.537	0.726	0.615	0.654
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	0.559	0.480	0.335	0.192	0.327	0.894	0.751	0.886	0.815	0.672	0.807
		Back	0.374	0.395	0.287	0.176	0.215	0.661	0.550	0.589	0.682	0.571	0.610
	FR1 n41_Ant 1 SUB_TX0	Front		0.450	0.335	0.192	0.327				0.785	0.642	0.777
		Back		0.431	0.287	0.176	0.215				0.718	0.607	0.646
	FR1 n48_Ant 1 SUB_TX0	Front		0.374	0.335	0.192	0.327				0.709	0.566	0.701
		Back		0.305	0.287	0.176	0.215				0.592	0.481	0.520
	FR1 n77_Ant 1 SUB_TX0	Front		0.393	0.335	0.192	0.327				0.728	0.585	0.720
		Back		0.334	0.287	0.176	0.215				0.621	0.510	0.549

<Open mode>

<WWAN Index 11, BT Index 7>

WWAN Band	FR1 Band	Exposure Position	1	2	9	10	11	1+9	1+10	1+11	2+9	2+10	2+11
			WWAN 1g SAR (W/kg)	FR1 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 1 TX1		Front	0.405		0.335	0.192	0.327	0.740	0.597	0.732			
		Back	0.301		0.287	0.176	0.215	0.588	0.477	0.516			
GSM1900_Ant 0 TX1		Front	0.520		0.335	0.192	0.327	0.855	0.712	0.847			
		Back	0.451		0.287	0.176	0.215	0.738	0.627	0.666			
WCDMA II_Ant 0 TX1		Front	0.453		0.335	0.192	0.327	0.788	0.645	0.780			
		Back	0.400		0.287	0.176	0.215	0.687	0.576	0.615			
WCDMA IV_Ant 0 TX1		Front	0.510		0.335	0.192	0.327	0.845	0.702	0.837			
		Back	0.390		0.287	0.176	0.215	0.677	0.566	0.605			
WCDMA V_Ant 1 TX1		Front	0.350		0.335	0.192	0.327	0.685	0.542	0.677			
		Back	0.235		0.287	0.176	0.215	0.522	0.411	0.450			
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Front	0.788	0.462	0.335	0.192	0.327	1.123	0.980	1.115	0.797	0.654	0.789
		Back	0.526	0.375	0.287	0.176	0.215	0.813	0.702	0.741	0.662	0.551	0.590
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Front	0.215	0.776	0.335	0.192	0.327	0.550	0.407	0.542	1.111	0.968	1.103
		Back	0.168	0.518	0.287	0.176	0.215	0.455	0.344	0.383	0.805	0.694	0.733
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Front	0.356	0.280	0.335	0.192	0.327	0.691	0.548	0.683	0.615	0.472	0.607
		Back	0.283	0.239	0.287	0.176	0.215	0.570	0.459	0.498	0.526	0.415	0.454
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Front	0.363	0.371	0.335	0.192	0.327	0.698	0.555	0.690	0.706	0.563	0.698
		Back	0.289	0.301	0.287	0.176	0.215	0.576	0.465	0.504	0.588	0.477	0.516
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Front	0.637	0.540	0.335	0.192	0.327	0.972	0.829	0.964	0.875	0.732	0.867
		Back	0.572	0.519	0.287	0.176	0.215	0.859	0.748	0.787	0.806	0.695	0.734
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Front	0.448	0.713	0.335	0.192	0.327	0.783	0.640	0.775	1.048	0.905	1.040
		Back	0.357	0.519	0.287	0.176	0.215	0.644	0.533	0.572	0.806	0.695	0.734
LTE Band 30_Ant 0 TX1	FR1 n38_Ant 0 TX1	Front	0.772	1.032	0.335	0.192	0.327	1.107	0.964	1.099	1.367	1.224	1.359
		Back	0.504		0.287	0.176	0.215	0.791	0.680	0.719	0.287	0.176	0.215
LTE Band 38_Ant 0 TX1	FR1 n41_Ant 0 TX1	Front		0.732	0.335	0.192	0.327	0.335	0.192	0.327	1.067	0.924	1.059
		Back		0.489	0.287	0.176	0.215	0.287	0.176	0.215	0.776	0.665	0.704
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Front	0.979	0.399	0.335	0.192	0.327	1.314	1.171	1.306	0.734	0.591	0.726
		Back	0.266	0.562	0.287	0.176	0.215	0.553	0.442	0.481	0.849	0.738	0.777
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front	0.356	0.502	0.335	0.192	0.327	0.691	0.548	0.683	0.837	0.694	0.829
		Back	0.561	0.388	0.287	0.176	0.215	0.848	0.737	0.776	0.675	0.564	0.603
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	0.539	0.249	0.335	0.192	0.327	0.874	0.731	0.866	0.584	0.441	0.576
		Back	0.393	0.208	0.287	0.176	0.215	0.680	0.569	0.608	0.495	0.384	0.423
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front	0.244	0.562	0.335	0.192	0.327	0.579	0.436	0.571	0.897	0.754	0.889
		Back	0.193	0.619	0.287	0.176	0.215	0.480	0.369	0.408	0.906	0.795	0.834



LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Front	0.899	0.660	0.335	0.192	0.327	1.234	1.091	1.226	0.995	0.852	0.987
		Back	0.001	0.001	0.287	0.176	0.215	0.288	0.177	0.216	0.288	0.177	0.216
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front	0.131	0.079	0.335	0.192	0.327	0.466	0.323	0.458	0.414	0.271	0.406
		Back	0.001	0.001	0.287	0.176	0.215	0.288	0.177	0.216	0.288	0.177	0.216
	FR1 n41_Ant 5 SUB_TX1	Front		0.699	0.335	0.192	0.327				1.034	0.891	1.026
		Back		0.001	0.287	0.176	0.215				0.288	0.177	0.216
	FR1 n48_Ant 5 SUB_TX1	Front		0.456	0.335	0.192	0.327				0.791	0.648	0.783
		Back		0.001	0.287	0.176	0.215				0.288	0.177	0.216
	FR1 n77_Ant 5 SUB_TX1	Front		0.713	0.335	0.192	0.327				1.048	0.905	1.040
		Back		0.001	0.287	0.176	0.215				0.288	0.177	0.216

**16.5 Product Specific Exposure Conditions**

<Open mode>  
<WWAN Index 10, NFC>

WWAN Band	FR1 Band	Exposure Position	1	2	7	1+7 Summed 1g SAR (W/kg)	2+7 Summed 1g SAR (W/kg)
			WWAN	FR1	NFC		
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)		
GSM850_Ant 0 TX0		Front(S1)	2.960		0.022	2.982	
		Back(S2)	2.904		0.001	2.905	
		Right side	2.374		0.001	2.375	
		Top side				0.000	
		Bottom side	1.901			1.901	
GSM1900_Ant 2 TX0		Front(S1)	2.813		0.022	2.835	
		Back(S2)	1.963		0.001	1.964	
		Right side	0.643		0.001	0.644	
		Top side				0.000	
		Bottom side	2.563			2.563	
WCDMA II_Ant 2 TX0		Front(S1)	2.334		0.022	2.356	
		Back(S2)	2.134		0.001	2.135	
		Right side	0.646		0.001	0.647	
		Top side				0.000	
		Bottom side	2.774			2.774	
WCDMA IV_Ant 2 TX0		Front(S1)	1.942		0.022	1.964	
		Back(S2)	1.970		0.001	1.971	
		Right side	0.465		0.001	0.466	
		Top side				0.000	
		Bottom side	2.975			2.975	
WCDMA V_Ant 0 TX0		Front(S1)	2.029		0.022	2.051	
		Back(S2)	1.889		0.001	1.890	
		Right side	1.166		0.001	1.167	
		Top side				0.000	
		Bottom side	1.220			1.220	
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front(S1)	1.985	1.811	0.022	2.007	1.833
		Back(S2)	2.383	1.863	0.001	2.384	1.864
		Right side	0.171	1.430	0.001	0.172	1.431
		Top side				0.000	0.000
		Bottom side	2.593	1.278		2.593	1.278
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front(S1)	1.339	1.995	0.022	1.361	2.017
		Back(S2)	1.898	2.325	0.001	1.899	2.326
		Right side	1.313	0.189	0.001	1.314	0.190
		Top side				0.000	0.000
		Bottom side	1.181	2.579		1.181	2.579



LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front(S1)	1.511	1.600	0.022	1.533	1.622
		Back(S2)	2.102	1.925	0.001	2.103	1.926
		Right side	1.745	1.500	0.001	1.746	1.501
		Top side				0.000	0.000
		Bottom side	1.293	1.363		1.293	1.363
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front(S1)	1.491	1.978	0.022	1.513	2.000
		Back(S2)	1.942	2.113	0.001	1.943	2.114
		Right side	1.554	1.898	0.001	1.555	1.899
		Top side				0.000	0.000
		Bottom side	1.327	1.346		1.327	1.346
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front(S1)	2.371	2.394	0.022	2.393	2.416
		Back(S2)	1.973	2.305	0.001	1.974	2.306
		Right side	0.626	0.704	0.001	0.627	0.705
		Top side				0.000	0.000
		Bottom side	2.914	2.725		2.914	2.725
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front(S1)	1.787	2.635	0.022	1.809	2.657
		Back(S2)	1.899	2.396	0.001	1.900	2.397
		Right side	1.494	0.224	0.001	1.495	0.225
		Top side				0.000	0.000
		Bottom side	1.265	2.382		1.265	2.382
LTE Band 30_Ant 2 TX0		Front(S1)	2.828		0.022	2.850	0.022
		Back(S2)	2.750		0.001	2.751	0.001
		Right side	0.231		0.001	0.232	0.001
		Top side				0.000	0.000
		Bottom side	2.672			2.672	0.000
	FR1 n41_Ant 2 TX0	Front(S1)		2.657	0.022	0.022	2.679
		Back(S2)		2.774	0.001	0.001	2.775
		Right side		0.211	0.001	0.001	0.212
		Top side				0.000	0.000
		Bottom side		2.686		0.000	2.686
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front(S1)	2.292	2.585	0.022	2.314	2.607
		Back(S2)	2.851	2.719	0.001	2.852	2.720
		Right side	0.225	1.422	0.001	0.226	1.423
		Top side				0.000	0.000
		Bottom side	2.226	0.111		2.226	0.111
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front(S1)	1.989	1.686	0.022	2.011	1.708
		Back(S2)	2.673	1.950	0.001	2.674	1.951
		Right side	1.853	0.468	0.001	1.854	0.469
		Top side				0.000	0.000
		Bottom side	0.107	2.717		0.107	2.717
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front(S1)	1.996	1.359	0.022	2.018	1.381
		Back(S2)	1.996	2.160	0.001	1.997	2.161
		Right side	0.435	2.136	0.001	0.436	2.137
		Top side				0.000	0.000
		Bottom side	2.926	1.553		2.926	1.553
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front(S1)	1.762	2.497	0.022	1.784	2.519
		Back(S2)	2.155	2.659	0.001	2.156	2.660
		Right side	1.990	1.616	0.001	1.991	1.617
		Top side				0.000	0.000
		Bottom side	1.407	0.113		1.407	0.113
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front(S1)	1.591	1.675	0.022	1.613	1.697
		Back(S2)	2.948	2.766	0.001	2.949	2.767
		Right side	1.961	1.460	0.001	1.962	1.461
		Top side	1.887	1.420		1.887	1.420
		Bottom side				0.000	0.000
		Front(S1)	1.489	1.680	0.022	1.511	1.702



LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Back(S2)	2.979	2.680	0.001	<b>2.980</b>	<b>2.681</b>
		Right side	0.846	1.331	0.001	<b>0.847</b>	<b>1.332</b>
		Top side	1.362	1.292		<b>1.362</b>	<b>1.292</b>
		Bottom side				<b>0.000</b>	<b>0.000</b>
	FR1 n41_Ant 1 SUB_TX0	Front(S1)		2.135	0.022		<b>2.157</b>
		Back(S2)		2.694	0.001		<b>2.695</b>
		Right side		0.742	0.001		<b>0.743</b>
		Top side		1.842			<b>1.842</b>
		Bottom side					<b>0.000</b>
	FR1 n48_Ant 1 SUB_TX0	Front(S1)		0.824	0.022		<b>0.846</b>
		Back(S2)		2.205	0.001		<b>2.206</b>
		Right side		1.387	0.001		<b>1.388</b>
		Top side		2.540			<b>2.540</b>
		Bottom side					<b>0.000</b>
	FR1 n77_Ant 1 SUB_TX0	Front(S1)		1.344	0.022		<b>1.366</b>
		Back(S2)		2.865	0.001		<b>2.866</b>
		Right side		1.825	0.001		<b>1.826</b>
		Top side		2.472			<b>2.472</b>
		Bottom side					<b>0.000</b>

**<Open mode>  
<WWAN Index 10, NFC>**

WWAN Band	FR1 Band	Exposure Position	1	2	7	1+7 Summed 1g SAR (W/kg)	2+7 Summed 1g SAR (W/kg)
			WWAN 10g SAR (W/kg)	FR1 10g SAR (W/kg)	NFC 10g SAR (W/kg)		
GSM850_Ant 1 TX1		Front(S1)	1.202		0.022	<b>1.224</b>	
		Back(S2)	1.778		0.001	<b>1.779</b>	
		Right side	2.066		0.001	<b>2.067</b>	
		Top side	0.916			<b>0.916</b>	
		Bottom side				<b>0.000</b>	
GSM1900_Ant 0 TX1		Front(S1)	2.863		0.022	<b>2.885</b>	
		Back(S2)	1.901		0.001	<b>1.902</b>	
		Right side	0.534		0.001	<b>0.535</b>	
		Top side				<b>0.000</b>	
		Bottom side	0.586			<b>0.586</b>	
WCDMA II_Ant 0 TX1		Front(S1)	1.981		0.022	<b>2.003</b>	
		Back(S2)	2.478		0.001	<b>2.479</b>	
		Right side	0.439		0.001	<b>0.440</b>	
		Top side				<b>0.000</b>	
		Bottom side	1.433			<b>1.433</b>	
WCDMA IV_Ant 0 TX1		Front(S1)	1.459		0.022	<b>1.481</b>	
		Back(S2)	1.459		0.001	<b>1.460</b>	
		Right side	2.786		0.001	<b>2.787</b>	
		Top side				<b>0.000</b>	
		Bottom side	0.299			<b>0.299</b>	
WCDMA V_Ant 1 TX1		Front(S1)	0.871		0.022	<b>0.893</b>	
		Back(S2)	1.640		0.001	<b>1.641</b>	
		Right side	1.401		0.001	<b>1.402</b>	
		Top side	0.776			<b>0.776</b>	
		Bottom side				<b>0.000</b>	
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Front(S1)	1.973	1.119	0.022	<b>1.995</b>	<b>1.141</b>
		Back(S2)	1.936	2.100	0.001	<b>1.937</b>	<b>2.101</b>
		Right side	2.959	1.706	0.001	<b>2.960</b>	<b>1.707</b>
		Top side		1.214		<b>0.000</b>	<b>1.214</b>
		Bottom side	0.112			<b>0.112</b>	<b>0.000</b>



LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Front(S1)	0.700	2.568	0.022	0.722	2.590
		Back(S2)	1.427	2.342	0.001	1.428	2.343
		Right side	1.151	2.949	0.001	1.152	2.950
		Top side	1.077			1.077	0.000
		Bottom side		0.194		0.000	0.194
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Front(S1)	0.837	0.642	0.022	0.859	0.664
		Back(S2)	1.553	1.423	0.001	1.554	1.424
		Right side	1.511	1.411	0.001	1.512	1.412
		Top side	0.888	0.940		0.888	0.940
		Bottom side				0.000	0.000
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Front(S1)	1.029	0.855	0.022	1.051	0.877
		Back(S2)	1.848	1.992	0.001	1.849	1.993
		Right side	1.794	1.731	0.001	1.795	1.732
		Top side	1.315	1.112		1.315	1.112
		Bottom side				0.000	0.000
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Front(S1)	2.441	2.159	0.022	2.463	2.181
		Back(S2)	2.973	2.684	0.001	2.974	2.685
		Right side	0.765	0.794	0.001	0.766	0.795
		Top side				0.000	0.000
		Bottom side	1.288	1.367		1.288	1.367
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Front(S1)	1.031	2.381	0.022	1.053	2.403
		Back(S2)	2.114	1.936	0.001	2.115	1.937
		Right side	1.718	2.764	0.001	1.719	2.765
		Top side	1.159			1.159	0.000
		Bottom side		0.220		0.000	0.220
LTE Band 30_Ant 0 TX1		Front(S1)	2.725		0.022	2.747	0.022
		Back(S2)	1.998		0.001	1.999	0.001
		Right side	2.935		0.001	2.936	0.001
		Top side				0.000	0.000
		Bottom side	0.212			0.212	0.000
	FR1 n41_Ant 0 TX1	Front(S1)		2.820	0.022	0.022	2.842
		Back(S2)		2.314	0.001	0.001	2.315
		Right side		2.934	0.001	0.001	2.935
		Top side				0.000	0.000
		Bottom side		0.125		0.000	0.125
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Front(S1)	0.965	2.385	0.022	0.987	2.407
		Back(S2)	0.861	2.511	0.001	0.862	2.512
		Right side	2.079	0.811	0.001	2.080	0.812
		Top side				0.000	0.000
		Bottom side	0.069	1.076		0.069	1.076
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front(S1)	1.540	1.624	0.022	1.562	1.646
		Back(S2)	2.967	1.649	0.001	2.968	1.650
		Right side	1.141	2.805	0.001	1.142	2.806
		Top side				0.000	0.000
		Bottom side	1.112	0.294		1.112	0.294
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front(S1)	1.669	0.624	0.022	1.691	0.646
		Back(S2)	1.669	1.310	0.001	1.670	1.311
		Right side	2.924	1.429	0.001	2.925	1.430
		Top side		0.932		0.000	0.932
		Bottom side	0.302			0.302	0.000
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front(S1)	0.651	2.599	0.022	0.673	2.621
		Back(S2)	1.309	2.699	0.001	1.310	2.700
		Right side	1.523	0.621	0.001	1.524	0.622
		Top side	0.986			0.986	0.000
		Bottom side		1.113		0.000	1.113
		Front(S1)	2.960	2.953	0.022	2.982	2.975





LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Back(S2)	0.110	0.026	0.001	0.111	0.027
		Right side	0.044	0.001	0.001	0.045	0.002
		Top side				0.000	0.000
		Bottom side	0.102	0.051		0.102	0.051
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front(S1)	2.981	2.672	0.022	3.003	2.694
		Back(S2)	0.001	0.001	0.001	0.002	0.002
		Right side	0.001	0.001	0.001	0.002	0.002
		Top side				0.000	0.000
		Bottom side	0.001	0.001		0.001	0.001
	FR1 n41_Ant 5 SUB_TX1	Front(S1)		1.525	0.022		1.547
		Back(S2)		0.044	0.001		0.045
		Right side		0.001	0.001		0.002
		Top side					0.000
		Bottom side		0.048			0.048
	FR1 n48_Ant 5 SUB_TX1	Front(S1)		1.771	0.022		1.793
		Back(S2)		0.001	0.001		0.002
		Right side		0.001	0.001		0.002
		Top side					0.000
		Bottom side		0.053			0.053
	FR1 n77_Ant 5 SUB_TX1	Front(S1)		2.895	0.022		2.917
		Back(S2)		0.044	0.001		0.045
		Right side		0.013	0.001		0.014
		Top side					0.000
		Bottom side		0.078			0.078

<Open mode>

<WWAN Index 11, WLAN Index 8, BT Index 6, NFC>

WWAN Band	FR1 Band	Exposure Position	1	2	6	7	9	10	11	1+6+7+9	1+6+7+10	1+6+7+11	2+6+7+9	2+6+7+10	2+6+7+11	
			WWAN 10g SAR (W/kg)	FR1 10g SAR (W/kg)	WLAN5/6GHz Ant 3+4 10g SAR (W/kg)	NFC 10g SAR (W/kg)	Bluetooth Ant 3 10g SAR (W/kg)	Bluetooth Ant 4 10g SAR (W/kg)	Bluetooth Ant 3+4 10g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 0 TX0		Front	2.462		0.524	0.022	0.149	0.228	0.154	3.157	3.236	3.162				
		Back	2.416		0.699	0.001	0.280	0.278	0.294	3.396	3.394	3.410				
		Right side	1.923		0.707	0.001	0.008	0.291	0.173	2.639	2.922	2.804				
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813				
		Bottom side	1.581							1.581	1.581	1.581				
GSM1900_Ant 2 TX0		Front	2.340		0.524	0.022	0.149	0.228	0.154	3.035	3.114	3.040				
		Back	1.633		0.699	0.001	0.280	0.278	0.294	2.613	2.611	2.627				
		Right side	0.535		0.707	0.001	0.008	0.291	0.173	1.251	1.534	1.416				
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813				
		Bottom side	2.132							2.132	2.132	2.132				
WCDMA II_Ant 2 TX0		Front	1.856		0.524	0.022	0.149	0.228	0.154	2.551	2.630	2.556				
		Back	1.685		0.699	0.001	0.280	0.278	0.294	2.665	2.663	2.679				
		Right side	0.538		0.707	0.001	0.008	0.291	0.173	1.254	1.537	1.419				
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813				
		Bottom side	2.307							2.307	2.307	2.307				
WCDMA IV_Ant 2 TX0		Front	1.615		0.524	0.022	0.149	0.228	0.154	2.310	2.389	2.315				
		Back	1.638		0.699	0.001	0.280	0.278	0.294	2.618	2.616	2.632				
		Right side	0.387		0.707	0.001	0.008	0.291	0.173	1.103	1.386	1.268				
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813				
		Bottom side	2.474							2.474	2.474	2.474				
WCDMA V_Ant 0 TX0		Front	2.029		0.524	0.022	0.149	0.228	0.154	2.724	2.803	2.729				
		Back	1.889		0.699	0.001	0.280	0.278	0.294	2.869	2.867	2.883				
		Right side	1.166		0.707	0.001	0.008	0.291	0.173	1.882	2.165	2.047				
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813				



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		Bottom side	1.220							1.220	1.220	1.220			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	1.651	1.811	0.524	0.022	0.149	0.228	0.154	2.346	2.425	2.351	2.506	2.585	2.511
		Back	1.912	1.863	0.699	0.001	0.280	0.278	0.294	2.892	2.890	2.906	2.843	2.841	2.857
		Right side	0.142	1.430	0.707	0.001	0.008	0.291	0.173	0.858	1.141	1.023	2.146	2.429	2.311
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	2.157	1.278							2.157	2.157	2.157	1.278	1.278
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	1.339	1.659	0.524	0.022	0.149	0.228	0.154	2.034	2.113	2.039	2.354	2.433	2.359
		Back	1.898	1.934	0.699	0.001	0.280	0.278	0.294	2.878	2.876	2.892	2.914	2.912	2.928
		Right side	1.313	0.157	0.707	0.001	0.008	0.291	0.173	2.029	2.312	2.194	0.873	1.156	1.038
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	1.181	2.145							1.181	1.181	1.181	2.145	2.145
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	1.511	1.600	0.524	0.022	0.149	0.228	0.154	2.206	2.285	2.211	2.295	2.374	2.300
		Back	2.102	1.925	0.699	0.001	0.280	0.278	0.294	3.082	3.080	3.096	2.905	2.903	2.919
		Right side	1.745	1.500	0.707	0.001	0.008	0.291	0.173	2.461	2.744	2.626	2.216	2.499	2.381
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	1.293	1.363							1.293	1.293	1.293	1.363	1.363
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	1.491	1.978	0.524	0.022	0.149	0.228	0.154	2.186	2.265	2.191	2.673	2.752	2.678
		Back	1.942	2.113	0.699	0.001	0.280	0.278	0.294	2.922	2.920	2.936	3.093	3.091	3.107
		Right side	1.554	1.898	0.707	0.001	0.008	0.291	0.173	2.270	2.553	2.435	2.614	2.897	2.779
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	1.327	1.346							1.327	1.327	1.327	1.346	1.346
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	1.972	1.991	0.524	0.022	0.149	0.228	0.154	2.667	2.746	2.672	2.686	2.765	2.691
		Back	1.641	1.917	0.699	0.001	0.280	0.278	0.294	2.621	2.619	2.635	2.897	2.895	2.911
		Right side	0.521	0.586	0.707	0.001	0.008	0.291	0.173	1.237	1.520	1.402	1.302	1.585	1.467
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	2.423	2.267							2.423	2.423	2.423	2.267	2.267
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	1.787	2.192	0.524	0.022	0.149	0.228	0.154	2.482	2.561	2.487	2.887	2.966	2.892
		Back	1.899	1.993	0.699	0.001	0.280	0.278	0.294	2.879	2.877	2.893	2.973	2.971	2.987
		Right side	1.494	0.186	0.707	0.001	0.008	0.291	0.173	2.210	2.493	2.375	0.902	1.185	1.067
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	1.265	1.981							1.265	1.265	1.265	1.981	1.981
LTE Band 30_Ant 2 TX0		Front	2.352		0.524	0.022	0.149	0.228	0.154	3.047	3.126	3.052	0.695	0.774	0.700
		Back	2.297		0.699	0.001	0.280	0.278	0.294	3.277	3.275	3.291	0.980	0.978	0.994
		Right side	0.192		0.707	0.001	0.008	0.291	0.173	0.908	1.191	1.073	0.716	0.999	0.881
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	2.223								2.223	2.223	2.223	0.000	0.000
	FR1 n41_Ant 2 TX0	Front		2.210	0.524	0.022	0.149	0.228	0.154	0.695	0.774	0.700	2.905	2.984	2.910
		Back		2.307	0.699	0.001	0.280	0.278	0.294	0.980	0.978	0.994	3.287	3.285	3.301
		Right side		0.175	0.707	0.001	0.008	0.291	0.173	0.716	0.999	0.881	0.891	1.174	1.056
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side		2.234							0.000	0.000	0.000	2.234	2.234
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	1.906	1.994	0.524	0.022	0.149	0.228	0.154	2.601	2.680	2.606	2.689	2.768	2.694
		Back	2.371	2.262	0.699	0.001	0.280	0.278	0.294	3.351	3.349	3.365	3.242	3.240	3.256
		Right side	0.187	1.183	0.707	0.001	0.008	0.291	0.173	0.903	1.186	1.068	1.899	2.182	2.064
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	1.851								1.851	1.851	1.851	0.000	0.000
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	1.655	1.402	0.524	0.022	0.149	0.228	0.154	2.350	2.429	2.355	2.097	2.176	2.102
		Back	2.223	1.622	0.699	0.001	0.280	0.278	0.294	3.203	3.201	3.217	2.602	2.600	2.616
		Right side	1.541	0.389	0.707	0.001	0.008	0.291	0.173	2.257	2.540	2.422	1.105	1.388	1.270
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side		2.260							0.000	0.000	0.000	2.260	2.260
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	1.660	1.359	0.524	0.022	0.149	0.228	0.154	2.355	2.434	2.360	2.054	2.133	2.059
		Back	1.660	2.160	0.699	0.001	0.280	0.278	0.294	2.640	2.638	2.654	3.140	3.138	3.154
		Right side	0.362	2.136	0.707	0.001	0.008	0.291	0.173	1.078	1.361	1.243	2.852	3.135	3.017
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	2.434	1.553							2.434	2.434	2.434	1.553	1.553



LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	1.762	2.077	0.524	0.022	0.149	0.228	0.154	2.457	2.536	2.462	2.772	2.851	2.777
		Back	2.155	2.211	0.699	0.001	0.280	0.278	0.294	3.135	3.133	3.149	3.191	3.189	3.205
		Right side	1.990	1.344	0.707	0.001	0.008	0.291	0.173	2.706	2.989	2.871	2.060	2.343	2.225
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	1.407								1.407	1.407	1.407	0.000	0.000
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	1.323	1.393	0.524	0.022	0.149	0.228	0.154	2.018	2.097	2.023	2.088	2.167	2.093
		Back	2.452	2.301	0.699	0.001	0.280	0.278	0.294	3.432	3.430	3.446	3.281	3.279	3.295
		Right side	1.631	1.215	0.707	0.001	0.008	0.291	0.173	2.347	2.630	2.512	1.931	2.214	2.096
		Top side	1.569	1.181	0.696		0.115	0.052	0.117	2.380	2.317	2.382	1.992	1.929	1.994
		Bottom side								0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	1.238	1.398	0.524	0.022	0.149	0.228	0.154	1.933	2.012	1.938	2.093	2.172	2.098
		Back	2.478	2.229	0.699	0.001	0.280	0.278	0.294	3.458	3.456	3.472	3.209	3.207	3.223
		Right side	0.703	1.107	0.707	0.001	0.008	0.291	0.173	1.419	1.702	1.584	1.823	2.106	1.988
		Top side	1.133	1.075	0.696		0.115	0.052	0.117	1.944	1.881	1.946	1.886	1.823	1.888
		Bottom side								0.000	0.000	0.000	0.000	0.000	0.000
	FR1 n41_Ant 1 SUB_TX0	Front		1.775	0.524	0.022	0.149	0.228	0.154				2.470	2.549	2.475
		Back		2.240	0.699	0.001	0.280	0.278	0.294				3.220	3.218	3.234
		Right side		0.617	0.707	0.001	0.008	0.291	0.173				1.333	1.616	1.498
		Top side		1.532	0.696		0.115	0.052	0.117				2.343	2.280	2.345
		Bottom side											0.000	0.000	0.000
	FR1 n48_Ant 1 SUB_TX0	Front		0.805	0.524	0.022	0.149	0.228	0.154				1.500	1.579	1.505
		Back		2.155	0.699	0.001	0.280	0.278	0.294				3.135	3.133	3.149
		Right side		1.356	0.707	0.001	0.008	0.291	0.173				2.072	2.355	2.237
		Top side		2.482	0.696		0.115	0.052	0.117				3.293	3.230	3.295
		Bottom side											0.000	0.000	0.000
	FR1 n77_Ant 1 SUB_TX0	Front		1.144	0.524	0.022	0.149	0.228	0.154				1.839	1.918	1.844
		Back		2.438	0.699	0.001	0.280	0.278	0.294				3.418	3.416	3.432
		Right side		1.553	0.707	0.001	0.008	0.291	0.173				2.269	2.552	2.434
		Top side		2.104	0.696		0.115	0.052	0.117				2.915	2.852	2.917
		Bottom side											0.000	0.000	0.000

<Open mode>

<WWAN Index 11, WLAN Index 8, BT Index 6, NFC>

WWAN Band	FR1 Band	Exposure Position	1	2	6	7	9	10	11	1+6+7+9	1+6+7+10	1+6+7+11	2+6+7+9	2+6+7+10	2+6+7+11
			WWAN 10g SAR (W/kg)	FR1 10g SAR (W/kg)	WLAN5/6GHz Ant 3+4 10g SAR (W/kg)	NFC 10g SAR (W/kg)	Bluetooth Ant 3 10g SAR (W/kg)	Bluetooth Ant 4 10g SAR (W/kg)	Bluetooth Ant 3+4 10g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
GSM850_Ant 1 TX1		Front	1.202		0.524	0.022	0.149	0.228	0.154	1.897	1.976	1.902			
		Back	1.778		0.699	0.001	0.280	0.278	0.294	2.758	2.756	2.772			
		Right side	2.066		0.707	0.001	0.008	0.291	0.173	2.782	3.065	2.947			
		Top side	0.916		0.696		0.115	0.052	0.117	1.727	1.664	1.729			
		Bottom side								0.000	0.000	0.000			
GSM1900_Ant 0 TX1		Front	2.381		0.524	0.022	0.149	0.228	0.154	3.076	3.155	3.081			
		Back	1.581		0.699	0.001	0.280	0.278	0.294	2.561	2.559	2.575			
		Right side	0.444		0.707	0.001	0.008	0.291	0.173	1.160	1.443	1.325			
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813			
		Bottom side	0.488							0.488	0.488	0.488			
WCDMA II_Ant 0 TX1		Front	1.648		0.524	0.022	0.149	0.228	0.154	2.343	2.422	2.348			
		Back	2.061		0.699	0.001	0.280	0.278	0.294	3.041	3.039	3.055			
		Right side	0.365		0.707	0.001	0.008	0.291	0.173	1.081	1.364	1.246			
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813			
		Bottom side	1.192							1.192	1.192	1.192			
WCDMA IV_Ant 0 TX1		Front	1.214		0.524	0.022	0.149	0.228	0.154	1.909	1.988	1.914			
		Back	1.214		0.699	0.001	0.280	0.278	0.294	2.194	2.192	2.208			



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Table with columns for antenna type, side (Front, Back, Right side, Top side, Bottom side), and 15 numerical values representing SAR test results for various bands (WCDMA, LTE Band 7, 12, 13, 14, 25, 26, 30, 41).



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LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Back	2.468	1.371	0.699	0.001	0.280	0.278	0.294	3.448	3.446	3.462	2.351	2.349	2.365
		Right side	0.949	2.333	0.707	0.001	0.008	0.291	0.173	1.665	1.948	1.830	3.049	3.332	3.214
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	0.925	0.245						0.925	0.925	0.925	0.245	0.245	0.245
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	1.388	0.624	0.524	0.022	0.149	0.228	0.154	2.083	2.162	2.088	1.319	1.398	1.324
		Back	1.388	1.310	0.699	0.001	0.280	0.278	0.294	2.368	2.366	2.382	2.290	2.288	2.304
		Right side	2.432	1.429	0.707	0.001	0.008	0.291	0.173	3.148	3.431	3.313	2.145	2.428	2.310
		Top side		0.932	0.696		0.115	0.052	0.117	0.811	0.748	0.813	1.743	1.680	1.745
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Bottom side	0.251							0.251	0.251	0.251	0.000	0.000	0.000
		Front	0.651	2.162	0.524	0.022	0.149	0.228	0.154	1.346	1.425	1.351	2.857	2.936	2.862
		Back	1.309	2.245	0.699	0.001	0.280	0.278	0.294	2.289	2.287	2.303	3.225	3.223	3.239
		Right side	1.523	0.517	0.707	0.001	0.008	0.291	0.173	2.239	2.522	2.404	1.233	1.516	1.398
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Top side	0.986		0.696		0.115	0.052	0.117	1.797	1.734	1.799	0.811	0.748	0.813
		Bottom side		0.926						0.000	0.000	0.000	0.926	0.926	0.926
		Front	2.462	2.456	0.524	0.022	0.149	0.228	0.154	3.157	3.236	3.162	3.151	3.230	3.156
		Back	0.091	0.022	0.699	0.001	0.280	0.278	0.294	1.071	1.069	1.085	1.002	1.000	1.016
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Right side	0.036	0.001	0.707	0.001	0.008	0.291	0.173	0.752	1.035	0.917	0.717	1.000	0.882
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	0.085	0.042						0.085	0.085	0.085	0.042	0.042	0.042
		Front	2.479	2.223	0.524	0.022	0.149	0.228	0.154	3.174	3.253	3.179	2.918	2.997	2.923
FR1 n41_Ant 5 SUB_TX1	FR1 n41_Ant 5 SUB_TX1	Back	0.001	0.001	0.699	0.001	0.280	0.278	0.294	0.981	0.979	0.995	0.981	0.979	0.995
		Right side	0.001	0.001	0.707	0.001	0.008	0.291	0.173	0.717	1.000	0.882	0.717	1.000	0.882
		Top side			0.696		0.115	0.052	0.117	0.811	0.748	0.813	0.811	0.748	0.813
		Bottom side	0.001	0.001						0.001	0.001	0.001	0.001	0.001	0.001
FR1 n48_Ant 5 SUB_TX1	FR1 n48_Ant 5 SUB_TX1	Front		1.268	0.524	0.022	0.149	0.228	0.154				1.963	2.042	1.968
		Back		0.036	0.699	0.001	0.280	0.278	0.294				1.016	1.014	1.030
		Right side		0.001	0.707	0.001	0.008	0.291	0.173				0.717	1.000	0.882
		Top side			0.696		0.115	0.052	0.117				0.811	0.748	0.813
FR1 n77_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Bottom side		0.040									0.040	0.040	0.040
		Front		1.771	0.524	0.022	0.149	0.228	0.154				2.466	2.545	2.471
		Back		0.001	0.699	0.001	0.280	0.278	0.294				0.981	0.979	0.995
		Right side		0.001	0.707	0.001	0.008	0.291	0.173				0.717	1.000	0.882
FR1 n77_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Top side			0.696		0.115	0.052	0.117				0.811	0.748	0.813
		Bottom side		0.053									0.053	0.053	0.053
		Front		2.408	0.524	0.022	0.149	0.228	0.154				3.103	3.182	3.108
		Back		0.037	0.699	0.001	0.280	0.278	0.294				1.017	1.015	1.031
FR1 n77_Ant 5 SUB_TX1	FR1 n77_Ant 5 SUB_TX1	Right side		0.010	0.707	0.001	0.008	0.291	0.173				0.726	1.009	0.891
		Top side			0.696		0.115	0.052	0.117				0.811	0.748	0.813
		Bottom side		0.065									0.065	0.065	0.065

<Open mode>  
<WWAN Index 11, WLAN Index 8, NFC>

WWAN Band	FR1 Band	Exposure Position	1		3		4		5		6		7		1+3+7 Summed 1g SAR (W/kg)	1+4+7 Summed 1g SAR (W/kg)	1+5+7 Summed 1g SAR (W/kg)	1+6+7 Summed 1g SAR (W/kg)	2+3+7 Summed 1g SAR (W/kg)	2+4+7 Summed 1g SAR (W/kg)	2+5+7 Summed 1g SAR (W/kg)	2+6+7 Summed 1g SAR (W/kg)	
			WWAN	FR1	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	NFC														
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)														
GSM850_Ant 0 TX0		Front	2.462		0.717	0.807	0.834	0.524	0.022	3.201	3.291	3.318	3.008										
		Back	2.416		1.008	0.918	1.012	0.699	0.001	3.425	3.335	3.429	3.116										
		Right side	1.923		0.027	1.190	1.125	0.707	0.001	1.951	3.114	3.049	2.631										
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696										
GSM1900_Ant 2 TX0		Bottom side	1.581							1.581	1.581	1.581	1.581										
		Front	2.340		0.717	0.807	0.834	0.524	0.022	3.079	3.169	3.196	2.886										
		Back	1.633		1.008	0.918	1.012	0.699	0.001	2.642	2.552	2.646	2.333										



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Table with columns for antenna type (e.g., WCDMA II\_Ant 2 TX0), side (Front, Back, Right side, Top side, Bottom side), and 18 numerical SAR values.



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		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side		2.234						0.000	0.000	0.000	0.000	0.000	2.234	2.234	2.234
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	1.906	1.994	0.717	0.807	0.834	0.524	0.022	2.645	2.735	2.762	2.452	2.733	2.823	2.850	2.540
		Back	2.371	2.262	1.008	0.918	1.012	0.699	0.001	3.380	3.290	3.384	3.071	3.271	3.181	3.275	2.962
		Right side	0.187	1.183	0.027	1.190	1.125	0.707	0.001	0.215	1.378	1.313	0.895	1.211	2.374	2.309	1.891
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side	1.851							1.851	1.851	1.851	1.851	0.000	0.000	0.000	0.000
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	1.655	1.402	0.717	0.807	0.834	0.524	0.022	2.394	2.484	2.511	2.201	2.141	2.231	2.258	1.948
		Back	2.223	1.622	1.008	0.918	1.012	0.699	0.001	3.232	3.142	3.236	2.923	2.631	2.541	2.635	2.322
		Right side	1.541	0.389	0.027	1.190	1.125	0.707	0.001	1.569	2.732	2.667	2.249	0.417	1.580	1.515	1.097
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side		2.260						0.000	0.000	0.000	0.000	2.260	2.260	2.260	2.260
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	1.660	1.359	0.717	0.807	0.834	0.524	0.022	2.399	2.489	2.516	2.206	2.098	2.188	2.215	1.905
		Back	1.660	2.160	1.008	0.918	1.012	0.699	0.001	2.669	2.579	2.673	2.360	3.169	3.079	3.173	2.860
		Right side	0.362	2.136	0.027	1.190	1.125	0.707	0.001	0.390	1.553	1.488	1.070	2.164	3.327	3.262	2.844
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side	2.434	1.553						2.434	2.434	2.434	2.434	1.553	1.553	1.553	1.553
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	1.762	2.077	0.717	0.807	0.834	0.524	0.022	2.501	2.591	2.618	2.308	2.816	2.906	2.933	2.623
		Back	2.155	2.211	1.008	0.918	1.012	0.699	0.001	3.164	3.074	3.168	2.855	3.220	3.130	3.224	2.911
		Right side	1.990	1.344	0.027	1.190	1.125	0.707	0.001	2.018	3.181	3.116	2.698	1.372	2.535	2.470	2.052
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side	1.407							1.407	1.407	1.407	1.407	0.000	0.000	0.000	0.000
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	1.323	1.393	0.717	0.807	0.834	0.524	0.022	2.062	2.152	2.179	1.869	2.132	2.222	2.249	1.939
		Back	2.452	2.301	1.008	0.918	1.012	0.699	0.001	3.461	3.371	3.465	3.152	3.310	3.220	3.314	3.001
		Right side	1.631	1.215	0.027	1.190	1.125	0.707	0.001	1.659	2.822	2.757	2.339	1.243	2.406	2.341	1.923
		Top side	1.569	1.181	0.865	0.183	0.574	0.696		2.434	1.752	2.143	2.265	2.046	1.364	1.755	1.877
		Bottom side								0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	1.238	1.398	0.717	0.807	0.834	0.524	0.022	1.977	2.067	2.094	1.784	2.137	2.227	2.254	1.944
		Back	2.478	2.229	1.008	0.918	1.012	0.699	0.001	3.487	3.397	3.491	3.178	3.238	3.148	3.242	2.929
		Right side	0.703	1.107	0.027	1.190	1.125	0.707	0.001	0.731	1.894	1.829	1.411	1.135	2.298	2.233	1.815
		Top side	1.133	1.075	0.865	0.183	0.574	0.696		1.998	1.316	1.707	1.829	1.940	1.258	1.649	1.771
		Bottom side								0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	FR1 n41_Ant 1 SUB_TX0	Front		1.775	0.717	0.807	0.834	0.524	0.022					2.514	2.604	2.631	2.321
		Back		2.240	1.008	0.918	1.012	0.699	0.001					3.249	3.159	3.253	2.940
		Right side		0.617	0.027	1.190	1.125	0.707	0.001					0.645	1.808	1.743	1.325
		Top side		1.532	0.865	0.183	0.574	0.696						2.397	1.715	2.106	2.228
		Bottom side												0.000	0.000	0.000	0.000
	FR1 n48_Ant 1 SUB_TX0	Front		0.805	0.717	0.807	0.834	0.524	0.022					1.544	1.634	1.661	1.351
		Back		2.155	1.008	0.918	1.012	0.699	0.001					3.164	3.074	3.168	2.855
		Right side		1.356	0.027	1.190	1.125	0.707	0.001					1.384	2.547	2.482	2.064
		Top side		2.482	0.865	0.183	0.574	0.696						3.347	2.665	3.056	3.178
		Bottom side												0.000	0.000	0.000	0.000
	FR1 n77_Ant 1 SUB_TX0	Front		1.144	0.717	0.807	0.834	0.524	0.022					1.883	1.973	2.000	1.690
		Back		2.438	1.008	0.918	1.012	0.699	0.001					3.447	3.357	3.451	3.138
		Right side		1.553	0.027	1.190	1.125	0.707	0.001					1.581	2.744	2.679	2.261
		Top side		2.104	0.865	0.183	0.574	0.696						2.969	2.287	2.678	2.800
		Bottom side												0.000	0.000	0.000	0.000



<Open mode>
<WWAN Index 11, WLAN Index 8, NFC>

Table with 17 columns: WWAN Band, FR1 Band, Exposure Position, 10g SAR (W/kg) for antennas 1-7, and Summed 1g SAR (W/kg) for combinations 1+3+7, 1+4+7, 1+5+7, 1+6+7, 2+3+7, 2+4+7, 2+5+7, and 2+6+7.





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		Bottom side	1.088	1.137						1.088	1.088	1.088	1.088	1.137	1.137	1.137	1.137
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Front	1.031	1.981	0.717	0.807	0.834	0.524	0.022	1.770	1.860	1.887	1.577	2.720	2.810	2.837	2.527
		Back	2.114	1.610	1.008	0.918	1.012	0.699	0.001	3.123	3.033	3.127	2.814	2.619	2.529	2.623	2.310
		Right side	1.718	2.299	0.027	1.190	1.125	0.707	0.001	1.746	2.909	2.844	2.426	2.327	3.490	3.425	3.007
		Top side	1.159		0.865	0.183	0.574	0.696		2.024	1.342	1.733	1.855	0.865	0.183	0.574	0.696
		Bottom side		0.183						0.000	0.000	0.000	0.000	0.183	0.183	0.183	0.183
LTE Band 30_Ant 0 TX1	FR1	Front	2.267		0.717	0.807	0.834	0.524	0.022	3.006	3.096	3.123	2.813	0.739	0.829	0.856	0.546
		Back	1.708		1.008	0.918	1.012	0.699	0.001	2.717	2.627	2.721	2.408	1.009	0.919	1.013	0.700
		Right side	2.441		0.027	1.190	1.125	0.707	0.001	2.469	3.632	3.567	3.149	0.028	1.191	1.126	0.708
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side	0.176							0.176	0.176	0.176	0.176	0.000	0.000	0.000	0.000
FR1 n41_Ant 0 TX1	FR1	Front		2.346	0.717	0.807	0.834	0.524	0.022	0.739	0.829	0.856	0.546	3.085	3.175	3.202	2.892
		Back		1.925	1.008	0.918	1.012	0.699	0.001	1.009	0.919	1.013	0.700	2.934	2.844	2.938	2.625
		Right side		2.441	0.027	1.190	1.125	0.707	0.001	0.028	1.191	1.126	0.708	2.469	3.632	3.567	3.149
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side		0.104						0.000	0.000	0.000	0.000	0.104	0.104	0.104	0.104
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Front	0.803	1.984	0.717	0.807	0.834	0.524	0.022	1.542	1.632	1.659	1.349	2.723	2.813	2.840	2.530
		Back	0.716	2.089	1.008	0.918	1.012	0.699	0.001	1.725	1.635	1.729	1.416	3.098	3.008	3.102	2.789
		Right side	1.730	0.674	0.027	1.190	1.125	0.707	0.001	1.758	2.921	2.856	2.438	0.702	1.865	1.800	1.382
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side	0.057	0.895						0.057	0.057	0.057	0.057	0.895	0.895	0.895	0.895
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front	1.281	1.351	0.717	0.807	0.834	0.524	0.022	2.020	2.110	2.137	1.827	2.090	2.180	2.207	1.897
		Back	2.468	1.371	1.008	0.918	1.012	0.699	0.001	3.477	3.387	3.481	3.168	2.380	2.290	2.384	2.071
		Right side	0.949	2.333	0.027	1.190	1.125	0.707	0.001	0.977	2.140	2.075	1.657	2.361	3.524	3.459	3.041
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side	0.925	0.245						0.925	0.925	0.925	0.925	0.245	0.245	0.245	0.245
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	1.388	0.624	0.717	0.807	0.834	0.524	0.022	2.127	2.217	2.244	1.934	1.363	1.453	1.480	1.170
		Back	1.388	1.310	1.008	0.918	1.012	0.699	0.001	2.397	2.307	2.401	2.088	2.319	2.229	2.323	2.010
		Right side	2.432	1.429	0.027	1.190	1.125	0.707	0.001	2.460	3.623	3.558	3.140	1.457	2.620	2.555	2.137
		Top side		0.932	0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	1.797	1.115	1.506	1.628
		Bottom side	0.251							0.251	0.251	0.251	0.251	0.000	0.000	0.000	0.000
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front	0.651	2.162	0.717	0.807	0.834	0.524	0.022	1.390	1.480	1.507	1.197	2.901	2.991	3.018	2.708
		Back	1.309	2.245	1.008	0.918	1.012	0.699	0.001	2.318	2.228	2.322	2.009	3.254	3.164	3.258	2.945
		Right side	1.523	0.517	0.027	1.190	1.125	0.707	0.001	1.551	2.714	2.649	2.231	0.545	1.708	1.643	1.225
		Top side	0.986		0.865	0.183	0.574	0.696		1.851	1.169	1.560	1.682	0.865	0.183	0.574	0.696
		Bottom side		0.926						0.000	0.000	0.000	0.000	0.926	0.926	0.926	0.926
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Front	2.462	2.456	0.717	0.807	0.834	0.524	0.022	3.201	3.291	3.318	3.008	3.195	3.285	3.312	3.002
		Back	0.091	0.022	1.008	0.918	1.012	0.699	0.001	1.100	1.010	1.104	0.791	1.031	0.941	1.035	0.722
		Right side	0.036	0.001	0.027	1.190	1.125	0.707	0.001	0.064	1.227	1.162	0.744	0.029	1.192	1.127	0.709
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side	0.085	0.042						0.085	0.085	0.085	0.085	0.042	0.042	0.042	0.042
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front	2.479	2.223	0.717	0.807	0.834	0.524	0.022	3.218	3.308	3.335	3.025	2.962	3.052	3.079	2.769
		Back	0.001	0.001	1.008	0.918	1.012	0.699	0.001	1.010	0.920	1.014	0.701	1.010	0.920	1.014	0.701
		Right side	0.001	0.001	0.027	1.190	1.125	0.707	0.001	0.029	1.192	1.127	0.709	0.029	1.192	1.127	0.709
		Top side			0.865	0.183	0.574	0.696		0.865	0.183	0.574	0.696	0.865	0.183	0.574	0.696
		Bottom side	0.001	0.001						0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
FR1 n41_Ant 5 SUB_TX1	FR1	Front		1.268	0.717	0.807	0.834	0.524	0.022					2.007	2.097	2.124	1.814
		Back		0.036	1.008	0.918	1.012	0.699	0.001					1.045	0.955	1.049	0.736
		Right side		0.001	0.027	1.190	1.125	0.707	0.001					0.029	1.192	1.127	0.709
		Top side			0.865	0.183	0.574	0.696						0.865	0.183	0.574	0.696
		Bottom side		0.040										0.040	0.040	0.040	0.040
FR1 n48_Ant 5 SUB_TX1	FR1	Front		1.771	0.717	0.807	0.834	0.524	0.022					2.510	2.600	2.627	2.317
		Back		0.001	1.008	0.918	1.012	0.699	0.001					1.010	0.920	1.014	0.701
		Right side		0.001	0.027	1.190	1.125	0.707	0.001					0.029	1.192	1.127	0.709
		Top side			0.865	0.183	0.574	0.696						0.865	0.183	0.574	0.696
		Bottom side		0.053										0.053	0.053	0.053	0.053

FR1 n77_Ant 5 SUB_TX1	Front		2.408	0.717	0.807	0.834	0.524	0.022							3.147	3.237	3.264	2.954
	Back		0.037	1.008	0.918	1.012	0.699	0.001							1.046	0.956	1.050	0.737
	Right side		0.010	0.027	1.190	1.125	0.707	0.001							0.038	1.201	1.136	0.718
	Top side			0.865	0.183	0.574	0.696								0.865	0.183	0.574	0.696
	Bottom side		0.065												0.065	0.065	0.065	0.065

**<Open mode>**
**<WWAN Index 11, WLAN Index 8 (RSDB), NFC>**

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	1+3+6+7 Summed 1g SAR (W/kg)	1+4+6+7 Summed 1g SAR (W/kg)	1+5+6+7 Summed 1g SAR (W/kg)	2+3+6+7 Summed 1g SAR (W/kg)	2+4+6+7 Summed 1g SAR (W/kg)	2+5+6+7 Summed 1g SAR (W/kg)	
			WWAN 10g SAR (W/kg)	FR1 10g SAR (W/kg)	WLAN2.4GHz Ant 3 10g SAR (W/kg)	WLAN2.4GHz Ant 4 10g SAR (W/kg)	WLAN2.4GHz Ant 3+4 10g SAR (W/kg)	WLAN5/6GHz Ant 3+4 10g SAR (W/kg)	NFC 10g SAR (W/kg)							
GSM850_Ant 0 TX0		Front	2.462		0.383	0.393	0.423	0.382	0.022	3.249	3.259	3.289				
		Back	2.416		0.631	0.445	0.584	0.498	0.001	3.546	3.360	3.499				
		Right side	1.923		0.018	0.582	0.664	0.483	0.001	2.425	2.989	3.071				
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905				
		Bottom side	1.581								1.581	1.581	1.581			
GSM1900_Ant 2 TX0		Front	2.340		0.383	0.393	0.423	0.382	0.022	3.127	3.137	3.167				
		Back	1.633		0.631	0.445	0.584	0.498	0.001	2.763	2.577	2.716				
		Right side	0.535		0.018	0.582	0.664	0.483	0.001	1.037	1.601	1.683				
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905				
		Bottom side	2.132								2.132	2.132	2.132			
WCDMA II_Ant 2 TX0		Front	1.856		0.383	0.393	0.423	0.382	0.022	2.643	2.653	2.683				
		Back	1.685		0.631	0.445	0.584	0.498	0.001	2.815	2.629	2.768				
		Right side	0.538		0.018	0.582	0.664	0.483	0.001	1.040	1.604	1.686				
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905				
		Bottom side	2.307								2.307	2.307	2.307			
WCDMA IV_Ant 2 TX0		Front	1.615		0.383	0.393	0.423	0.382	0.022	2.402	2.412	2.442				
		Back	1.638		0.631	0.445	0.584	0.498	0.001	2.768	2.582	2.721				
		Right side	0.387		0.018	0.582	0.664	0.483	0.001	0.889	1.453	1.535				
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905				
		Bottom side	2.474								2.474	2.474	2.474			
WCDMA V_Ant 0 TX0		Front	2.029		0.383	0.393	0.423	0.382	0.022	2.816	2.826	2.856				
		Back	1.889		0.631	0.445	0.584	0.498	0.001	3.019	2.833	2.972				
		Right side	1.166		0.018	0.582	0.664	0.483	0.001	1.668	2.232	2.314				
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905				
		Bottom side	1.220								1.220	1.220	1.220			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	1.651	1.811	0.383	0.393	0.423	0.382	0.022	2.438	2.448	2.478	2.598	2.608	2.638	
		Back	1.912	1.863	0.631	0.445	0.584	0.498	0.001	3.042	2.856	2.995	2.993	2.807	2.946	
		Right side	0.142	1.430	0.018	0.582	0.664	0.483	0.001	0.644	1.208	1.290	1.932	2.496	2.578	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	2.157	1.278							2.157	2.157	2.157	1.278	1.278	1.278
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	1.339	1.659	0.383	0.393	0.423	0.382	0.022	2.126	2.136	2.166	2.446	2.456	2.486	
		Back	1.898	1.934	0.631	0.445	0.584	0.498	0.001	3.028	2.842	2.981	3.064	2.878	3.017	
		Right side	1.313	0.157	0.018	0.582	0.664	0.483	0.001	1.815	2.379	2.461	0.659	1.223	1.305	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	1.181	2.145							1.181	1.181	1.181	2.145	2.145	2.145
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	1.511	1.600	0.383	0.393	0.423	0.382	0.022	2.298	2.308	2.338	2.387	2.397	2.427	
		Back	2.102	1.925	0.631	0.445	0.584	0.498	0.001	3.232	3.046	3.185	3.055	2.869	3.008	
		Right side	1.745	1.500	0.018	0.582	0.664	0.483	0.001	2.247	2.811	2.893	2.002	2.566	2.648	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	1.293	1.363							1.293	1.293	1.293	1.363	1.363	1.363
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	1.491	1.978	0.383	0.393	0.423	0.382	0.022	2.278	2.288	2.318	2.765	2.775	2.805	
		Back	1.942	2.113	0.631	0.445	0.584	0.498	0.001	3.072	2.886	3.025	3.243	3.057	3.196	
		Right side	1.554	1.898	0.018	0.582	0.664	0.483	0.001	2.056	2.620	2.702	2.400	2.964	3.046	



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		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	1.327	1.346						1.327	1.327	1.327	1.346	1.346	1.346	
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	1.972	1.991	0.383	0.393	0.423	0.382	0.022	2.759	2.769	2.799	2.778	2.788	2.818	
		Back	1.641	1.917	0.631	0.445	0.584	0.498	0.001	2.771	2.585	2.724	3.047	2.861	3.000	
		Right side	0.521	0.586	0.018	0.582	0.664	0.483	0.001	1.023	1.587	1.669	1.088	1.652	1.734	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	2.423	2.267							2.423	2.423	2.423	2.267	2.267	2.267
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	1.787	2.192	0.383	0.393	0.423	0.382	0.022	2.574	2.584	2.614	2.979	2.989	3.019	
		Back	1.899	1.993	0.631	0.445	0.584	0.498	0.001	3.029	2.843	2.982	3.123	2.937	3.076	
		Right side	1.494	0.186	0.018	0.582	0.664	0.483	0.001	1.996	2.560	2.642	0.688	1.252	1.334	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	1.265	1.981							1.265	1.265	1.265	1.981	1.981	1.981
LTE Band 30_Ant 2 TX0	FR1 n41_Ant 2 TX0	Front	2.352		0.383	0.393	0.423	0.382	0.022	3.139	3.149	3.179	0.787	0.797	0.827	
		Back	2.297		0.631	0.445	0.584	0.498	0.001	3.427	3.241	3.380	1.130	0.944	1.083	
		Right side	0.192		0.018	0.582	0.664	0.483	0.001	0.694	1.258	1.340	0.502	1.066	1.148	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	2.223								2.223	2.223	2.223	0.000	0.000	0.000
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	1.906	1.994	0.383	0.393	0.423	0.382	0.022	2.693	2.703	2.733	2.781	2.791	2.821	
		Back	2.371	2.262	0.631	0.445	0.584	0.498	0.001	3.501	3.315	3.454	3.392	3.206	3.345	
		Right side	0.187	1.183	0.018	0.582	0.664	0.483	0.001	0.689	1.253	1.335	1.685	2.249	2.331	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	1.851								1.851	1.851	1.851	0.000	0.000	0.000
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	1.655	1.402	0.383	0.393	0.423	0.382	0.022	2.442	2.452	2.482	2.189	2.199	2.229	
		Back	2.223	1.622	0.631	0.445	0.584	0.498	0.001	3.353	3.167	3.306	2.752	2.566	2.705	
		Right side	1.541	0.389	0.018	0.582	0.664	0.483	0.001	2.043	2.607	2.689	0.891	1.455	1.537	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side		2.260							0.000	0.000	0.000	2.260	2.260	2.260
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	1.660	1.359	0.383	0.393	0.423	0.382	0.022	2.447	2.457	2.487	2.146	2.156	2.186	
		Back	1.660	2.160	0.631	0.445	0.584	0.498	0.001	2.790	2.604	2.743	3.290	3.104	3.243	
		Right side	0.362	2.136	0.018	0.582	0.664	0.483	0.001	0.864	1.428	1.510	2.638	3.202	3.284	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	2.434	1.553							2.434	2.434	2.434	1.553	1.553	1.553
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	1.762	2.077	0.383	0.393	0.423	0.382	0.022	2.549	2.559	2.589	2.864	2.874	2.904	
		Back	2.155	2.211	0.631	0.445	0.584	0.498	0.001	3.285	3.099	3.238	3.341	3.155	3.294	
		Right side	1.990	1.344	0.018	0.582	0.664	0.483	0.001	2.492	3.056	3.138	1.846	2.410	2.492	
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905	
		Bottom side	1.407								1.407	1.407	1.407	0.000	0.000	0.000
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	1.323	1.393	0.383	0.393	0.423	0.382	0.022	2.110	2.120	2.150	2.180	2.190	2.220	
		Back	2.452	2.301	0.631	0.445	0.584	0.498	0.001	3.582	3.396	3.535	3.431	3.245	3.384	
		Right side	1.631	1.215	0.018	0.582	0.664	0.483	0.001	2.133	2.697	2.779	1.717	2.281	2.363	
		Top side	1.569	1.181	0.437	0.086	0.437	0.468		2.474	2.123	2.474	2.086	1.735	2.086	
		Bottom side									0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	1.238	1.398	0.383	0.393	0.423	0.382	0.022	2.025	2.035	2.065	2.185	2.195	2.225	
		Back	2.478	2.229	0.631	0.445	0.584	0.498	0.001	3.608	3.422	3.561	3.359	3.173	3.312	
		Right side	0.703	1.107	0.018	0.582	0.664	0.483	0.001	1.205	1.769	1.851	1.609	2.173	2.255	
		Top side	1.133	1.075	0.437	0.086	0.437	0.468		2.038	1.687	2.038	1.980	1.629	1.980	
		Bottom side									0.000	0.000	0.000	0.000	0.000	0.000
FR1 n41_Ant 1 SUB_TX0	FR1 n41_Ant 1 SUB_TX0	Front		1.775	0.383	0.393	0.423	0.382	0.022				2.562	2.572	2.602	
		Back		2.240	0.631	0.445	0.584	0.498	0.001				3.370	3.184	3.323	
		Right side		0.617	0.018	0.582	0.664	0.483	0.001				1.119	1.683	1.765	
		Top side		1.532	0.437	0.086	0.437	0.468					2.437	2.086	2.437	



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FR1 n48_Ant 1 SUB_TX0	Bottom side												0.000	0.000	0.000
FR1 n48_Ant 1 SUB_TX0	Front		0.805	0.383	0.393	0.423	0.382	0.022					1.592	1.602	1.632
	Back		2.155	0.631	0.445	0.584	0.498	0.001					3.285	3.099	3.238
	Right side		1.356	0.018	0.582	0.664	0.483	0.001					1.858	2.422	2.504
	Top side		2.482	0.437	0.086	0.437	0.468						3.387	3.036	3.387
	Bottom side												0.000	0.000	0.000
FR1 n77_Ant 1 SUB_TX0	Front		1.144	0.383	0.393	0.423	0.382	0.022					1.931	1.941	1.971
	Back		2.438	0.631	0.445	0.584	0.498	0.001					3.568	3.382	3.521
	Right side		1.553	0.018	0.582	0.664	0.483	0.001					2.055	2.619	2.701
	Top side		2.104	0.437	0.086	0.437	0.468						3.009	2.658	3.009
	Bottom side												0.000	0.000	0.000

<Open mode>

<WWAN Index 11, WLAN Index 8 (RSDB), NFC>

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	5	6	7	1+3+6+7 Summed 1g SAR (W/kg)	1+4+6+7 Summed 1g SAR (W/kg)	1+5+6+7 Summed 1g SAR (W/kg)	2+3+6+7 Summed 1g SAR (W/kg)	2+4+6+7 Summed 1g SAR (W/kg)	2+5+6+7 Summed 1g SAR (W/kg)	
			WWAN 10g SAR (W/kg)	FR1 10g SAR (W/kg)	WLAN2.4GHz Ant 3 10g SAR (W/kg)	WLAN2.4GHz Ant 4 10g SAR (W/kg)	WLAN2.4GHz Ant 3+4 10g SAR (W/kg)	WLAN5/6GHz Ant 3+4 10g SAR (W/kg)	NFC 10g SAR (W/kg)							
GSM850_Ant 1 TX1		Front	1.202		0.383	0.393	0.423	0.382	0.022	1.989	1.999	2.029				
		Back	1.778		0.631	0.445	0.584	0.498	0.001	2.908	2.722	2.861				
		Right side	2.066		0.018	0.582	0.664	0.483	0.001	2.568	3.132	3.214				
		Top side	0.916		0.437	0.086	0.437	0.468		1.821	1.470	1.821				
		Bottom side									0.000	0.000	0.000			
GSM1900_Ant 0 TX1		Front	2.381		0.383	0.393	0.423	0.382	0.022	3.168	3.178	3.208				
		Back	1.581		0.631	0.445	0.584	0.498	0.001	2.711	2.525	2.664				
		Right side	0.444		0.018	0.582	0.664	0.483	0.001	0.946	1.510	1.592				
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905				
		Bottom side	0.488								0.488	0.488	0.488			
WCDMA II_Ant 0 TX1		Front	1.648		0.383	0.393	0.423	0.382	0.022	2.435	2.445	2.475				
		Back	2.061		0.631	0.445	0.584	0.498	0.001	3.191	3.005	3.144				
		Right side	0.365		0.018	0.582	0.664	0.483	0.001	0.867	1.431	1.513				
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905				
		Bottom side	1.192								1.192	1.192	1.192			
WCDMA IV_Ant 0 TX1		Front	1.214		0.383	0.393	0.423	0.382	0.022	2.001	2.011	2.041				
		Back	1.214		0.631	0.445	0.584	0.498	0.001	2.344	2.158	2.297				
		Right side	2.318		0.018	0.582	0.664	0.483	0.001	2.820	3.384	3.466				
		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905				
		Bottom side	0.249								0.249	0.249	0.249			
WCDMA V_Ant 1 TX1		Front	0.871		0.383	0.393	0.423	0.382	0.022	1.658	1.668	1.698				
		Back	1.640		0.631	0.445	0.584	0.498	0.001	2.770	2.584	2.723				
		Right side	1.401		0.018	0.582	0.664	0.483	0.001	1.903	2.467	2.549				
		Top side	0.776		0.437	0.086	0.437	0.468		1.681	1.330	1.681				
		Bottom side									0.000	0.000	0.000			
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Front	1.641	1.119	0.383	0.393	0.423	0.382	0.022	2.428	2.438	2.468	1.906	1.916	1.946	
		Back	1.610	2.100	0.631	0.445	0.584	0.498	0.001	2.740	2.554	2.693	3.230	3.044	3.183	
		Right side	2.462	1.706	0.018	0.582	0.664	0.483	0.001	2.964	3.528	3.610	2.208	2.772	2.854	
		Top side		1.214	0.437	0.086	0.437	0.468		0.905	0.554	0.905	2.119	1.768	2.119	
		Bottom side	0.093								0.093	0.093	0.093	0.000	0.000	0.000
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Front	0.700	2.136	0.383	0.393	0.423	0.382	0.022	1.487	1.497	1.527	2.923	2.933	2.963	
		Back	1.427	1.948	0.631	0.445	0.584	0.498	0.001	2.557	2.371	2.510	3.078	2.892	3.031	
		Right side	1.151	2.452	0.018	0.582	0.664	0.483	0.001	1.653	2.217	2.299	2.954	3.518	3.600	
		Top side	1.077		0.437	0.086	0.437	0.468		1.982	1.631	1.982	0.905	0.554	0.905	
		Bottom side		0.161							0.000	0.000	0.000	0.161	0.161	0.161
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Front	0.837	0.642	0.383	0.393	0.423	0.382	0.022	1.624	1.634	1.664	1.429	1.439	1.469	
		Back	1.553	1.423	0.631	0.445	0.584	0.498	0.001	2.683	2.497	2.636	2.553	2.367	2.506	



		Right side	1.511	1.411	0.018	0.582	0.664	0.483	0.001	<b>2.013</b>	<b>2.577</b>	<b>2.659</b>	<b>1.913</b>	<b>2.477</b>	<b>2.559</b>
		Top side	0.888	0.940	0.437	0.086	0.437	0.468		<b>1.793</b>	<b>1.442</b>	<b>1.793</b>	<b>1.845</b>	<b>1.494</b>	<b>1.845</b>
		Bottom side								<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Front	1.029	0.855	0.383	0.393	0.423	0.382	0.022	<b>1.816</b>	<b>1.826</b>	<b>1.856</b>	<b>1.642</b>	<b>1.652</b>	<b>1.682</b>
		Back	1.848	1.992	0.631	0.445	0.584	0.498	0.001	<b>2.978</b>	<b>2.792</b>	<b>2.931</b>	<b>3.122</b>	<b>2.936</b>	<b>3.075</b>
		Right side	1.794	1.731	0.018	0.582	0.664	0.483	0.001	<b>2.296</b>	<b>2.860</b>	<b>2.942</b>	<b>2.233</b>	<b>2.797</b>	<b>2.879</b>
		Top side	1.315	1.112	0.437	0.086	0.437	0.468		<b>2.220</b>	<b>1.869</b>	<b>2.220</b>	<b>2.017</b>	<b>1.666</b>	<b>2.017</b>
		Bottom side								<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Front	1.942	1.796	0.383	0.393	0.423	0.382	0.022	<b>2.729</b>	<b>2.739</b>	<b>2.769</b>	<b>2.583</b>	<b>2.593</b>	<b>2.623</b>
		Back	2.473	2.233	0.631	0.445	0.584	0.498	0.001	<b>3.603</b>	<b>3.417</b>	<b>3.556</b>	<b>3.363</b>	<b>3.177</b>	<b>3.316</b>
		Right side	0.637	0.660	0.018	0.582	0.664	0.483	0.001	<b>1.139</b>	<b>1.703</b>	<b>1.785</b>	<b>1.162</b>	<b>1.726</b>	<b>1.808</b>
		Top side			0.437	0.086	0.437	0.468		<b>0.905</b>	<b>0.554</b>	<b>0.905</b>	<b>0.905</b>	<b>0.554</b>	<b>0.905</b>
		Bottom side	1.088	1.137						<b>1.088</b>	<b>1.088</b>	<b>1.088</b>	<b>1.137</b>	<b>1.137</b>	<b>1.137</b>
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Front	1.031	1.981	0.383	0.393	0.423	0.382	0.022	<b>1.818</b>	<b>1.828</b>	<b>1.858</b>	<b>2.768</b>	<b>2.778</b>	<b>2.808</b>
		Back	2.114	1.610	0.631	0.445	0.584	0.498	0.001	<b>3.244</b>	<b>3.058</b>	<b>3.197</b>	<b>2.740</b>	<b>2.554</b>	<b>2.693</b>
		Right side	1.718	2.299	0.018	0.582	0.664	0.483	0.001	<b>2.220</b>	<b>2.784</b>	<b>2.866</b>	<b>2.801</b>	<b>3.365</b>	<b>3.447</b>
		Top side	1.159		0.437	0.086	0.437	0.468		<b>2.064</b>	<b>1.713</b>	<b>2.064</b>	<b>0.905</b>	<b>0.554</b>	<b>0.905</b>
		Bottom side		0.183						<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.183</b>	<b>0.183</b>	<b>0.183</b>
LTE Band 30_Ant 0 TX1		Front	2.267		0.383	0.393	0.423	0.382	0.022	<b>3.054</b>	<b>3.064</b>	<b>3.094</b>	<b>0.787</b>	<b>0.797</b>	<b>0.827</b>
		Back	1.708		0.631	0.445	0.584	0.498	0.001	<b>2.838</b>	<b>2.652</b>	<b>2.791</b>	<b>1.130</b>	<b>0.944</b>	<b>1.083</b>
		Right side	2.441		0.018	0.582	0.664	0.483	0.001	<b>2.943</b>	<b>3.507</b>	<b>3.589</b>	<b>0.502</b>	<b>1.066</b>	<b>1.148</b>
		Top side			0.437	0.086	0.437	0.468		<b>0.905</b>	<b>0.554</b>	<b>0.905</b>	<b>0.905</b>	<b>0.554</b>	<b>0.905</b>
		Bottom side	0.176							<b>0.176</b>	<b>0.176</b>	<b>0.176</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
	FR1 n41_Ant 0 TX1	Front		2.346	0.383	0.393	0.423	0.382	0.022	<b>0.787</b>	<b>0.797</b>	<b>0.827</b>	<b>3.133</b>	<b>3.143</b>	<b>3.173</b>
		Back		1.925	0.631	0.445	0.584	0.498	0.001	<b>1.130</b>	<b>0.944</b>	<b>1.083</b>	<b>3.055</b>	<b>2.869</b>	<b>3.008</b>
		Right side		2.441	0.018	0.582	0.664	0.483	0.001	<b>0.502</b>	<b>1.066</b>	<b>1.148</b>	<b>2.943</b>	<b>3.507</b>	<b>3.589</b>
		Top side			0.437	0.086	0.437	0.468		<b>0.905</b>	<b>0.554</b>	<b>0.905</b>	<b>0.905</b>	<b>0.554</b>	<b>0.905</b>
		Bottom side		0.104						<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.104</b>	<b>0.104</b>	<b>0.104</b>
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Front	0.803	1.984	0.383	0.393	0.423	0.382	0.022	<b>1.590</b>	<b>1.600</b>	<b>1.630</b>	<b>2.771</b>	<b>2.781</b>	<b>2.811</b>
		Back	0.716	2.089	0.631	0.445	0.584	0.498	0.001	<b>1.846</b>	<b>1.660</b>	<b>1.799</b>	<b>3.219</b>	<b>3.033</b>	<b>3.172</b>
		Right side	1.730	0.674	0.018	0.582	0.664	0.483	0.001	<b>2.232</b>	<b>2.796</b>	<b>2.878</b>	<b>1.176</b>	<b>1.740</b>	<b>1.822</b>
		Top side			0.437	0.086	0.437	0.468		<b>0.905</b>	<b>0.554</b>	<b>0.905</b>	<b>0.905</b>	<b>0.554</b>	<b>0.905</b>
		Bottom side	0.057	0.895						<b>0.057</b>	<b>0.057</b>	<b>0.057</b>	<b>0.895</b>	<b>0.895</b>	<b>0.895</b>
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front	1.281	1.351	0.383	0.393	0.423	0.382	0.022	<b>2.068</b>	<b>2.078</b>	<b>2.108</b>	<b>2.138</b>	<b>2.148</b>	<b>2.178</b>
		Back	2.468	1.371	0.631	0.445	0.584	0.498	0.001	<b>3.598</b>	<b>3.412</b>	<b>3.551</b>	<b>2.501</b>	<b>2.315</b>	<b>2.454</b>
		Right side	0.949	2.333	0.018	0.582	0.664	0.483	0.001	<b>1.451</b>	<b>2.015</b>	<b>2.097</b>	<b>2.835</b>	<b>3.399</b>	<b>3.481</b>
		Top side			0.437	0.086	0.437	0.468		<b>0.905</b>	<b>0.554</b>	<b>0.905</b>	<b>0.905</b>	<b>0.554</b>	<b>0.905</b>
		Bottom side	0.925	0.245						<b>0.925</b>	<b>0.925</b>	<b>0.925</b>	<b>0.245</b>	<b>0.245</b>	<b>0.245</b>
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	1.388	0.624	0.383	0.393	0.423	0.382	0.022	<b>2.175</b>	<b>2.185</b>	<b>2.215</b>	<b>1.411</b>	<b>1.421</b>	<b>1.451</b>
		Back	1.388	1.310	0.631	0.445	0.584	0.498	0.001	<b>2.518</b>	<b>2.332</b>	<b>2.471</b>	<b>2.440</b>	<b>2.254</b>	<b>2.393</b>
		Right side	2.432	1.429	0.018	0.582	0.664	0.483	0.001	<b>2.934</b>	<b>3.498</b>	<b>3.580</b>	<b>1.931</b>	<b>2.495</b>	<b>2.577</b>
		Top side		0.932	0.437	0.086	0.437	0.468		<b>0.905</b>	<b>0.554</b>	<b>0.905</b>	<b>1.837</b>	<b>1.486</b>	<b>1.837</b>
		Bottom side	0.251							<b>0.251</b>	<b>0.251</b>	<b>0.251</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front	0.651	2.162	0.383	0.393	0.423	0.382	0.022	<b>1.438</b>	<b>1.448</b>	<b>1.478</b>	<b>2.949</b>	<b>2.959</b>	<b>2.989</b>
		Back	1.309	2.245	0.631	0.445	0.584	0.498	0.001	<b>2.439</b>	<b>2.253</b>	<b>2.392</b>	<b>3.375</b>	<b>3.189</b>	<b>3.328</b>
		Right side	1.523	0.517	0.018	0.582	0.664	0.483	0.001	<b>2.025</b>	<b>2.589</b>	<b>2.671</b>	<b>1.019</b>	<b>1.583</b>	<b>1.665</b>
		Top side	0.986		0.437	0.086	0.437	0.468		<b>1.891</b>	<b>1.540</b>	<b>1.891</b>	<b>0.905</b>	<b>0.554</b>	<b>0.905</b>
		Bottom side		0.926						<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.926</b>	<b>0.926</b>	<b>0.926</b>
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Front	2.462	2.456	0.383	0.393	0.423	0.382	0.022	<b>3.249</b>	<b>3.259</b>	<b>3.289</b>	<b>3.243</b>	<b>3.253</b>	<b>3.283</b>
		Back	0.091	0.022	0.631	0.445	0.584	0.498	0.001	<b>1.221</b>	<b>1.035</b>	<b>1.174</b>	<b>1.152</b>	<b>0.966</b>	<b>1.105</b>
		Right side	0.036	0.001	0.018	0.582	0.664	0.483	0.001	<b>0.538</b>	<b>1.102</b>	<b>1.184</b>	<b>0.503</b>	<b>1.067</b>	<b>1.149</b>
		Top side			0.437	0.086	0.437	0.468		<b>0.905</b>	<b>0.554</b>	<b>0.905</b>	<b>0.905</b>	<b>0.554</b>	<b>0.905</b>
		Bottom side	0.085	0.042						<b>0.085</b>	<b>0.085</b>	<b>0.085</b>	<b>0.042</b>	<b>0.042</b>	<b>0.042</b>
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front	2.479	2.223	0.383	0.393	0.423	0.382	0.022	<b>3.266</b>	<b>3.276</b>	<b>3.306</b>	<b>3.010</b>	<b>3.020</b>	<b>3.050</b>
		Back	0.001	0.001	0.631	0.445	0.584	0.498	0.001	<b>1.131</b>	<b>0.945</b>	<b>1.084</b>	<b>1.131</b>	<b>0.945</b>	<b>1.084</b>
		Right side	0.001	0.001	0.018	0.582	0.664	0.483	0.001	<b>0.503</b>	<b>1.067</b>	<b>1.149</b>	<b>0.503</b>	<b>1.067</b>	<b>1.149</b>



		Top side			0.437	0.086	0.437	0.468		0.905	0.554	0.905	0.905	0.554	0.905		
		Bottom side	0.001	0.001						0.001	0.001	0.001	0.001	0.001	0.001		
FR1	n41_Ant 5 SUB_TX1	Front		1.268	0.383	0.393	0.423	0.382	0.022				2.055	2.065	2.095		
		Back		0.036	0.631	0.445	0.584	0.498	0.001					1.166	0.980	1.119	
		Right side		0.001	0.018	0.582	0.664	0.483	0.001					0.503	1.067	1.149	
		Top side			0.437	0.086	0.437	0.468						0.905	0.554	0.905	
		Bottom side			0.040									0.040	0.040	0.040	
		FR1	n48_Ant 5 SUB_TX1	Front		1.771	0.383	0.393	0.423	0.382	0.022				2.558	2.568	2.598
Back		0.001	0.631	0.445	0.584	0.498	0.001						1.131	0.945	1.084		
Right side		0.001	0.018	0.582	0.664	0.483	0.001						0.503	1.067	1.149		
Top side			0.437	0.086	0.437	0.468							0.905	0.554	0.905		
Bottom side			0.053										0.053	0.053	0.053		
FR1	n77_Ant 5 SUB_TX1	Front		2.408	0.383	0.393	0.423	0.382	0.022					3.195	3.205	3.235	
		Back		0.037	0.631	0.445	0.584	0.498	0.001						1.167	0.981	1.120
		Right side		0.010	0.018	0.582	0.664	0.483	0.001						0.512	1.076	1.158
		Top side			0.437	0.086	0.437	0.468							0.905	0.554	0.905
		Bottom side			0.065										0.065	0.065	0.065

<Open mode>

<WLAN Index 9 (RSDB), NFC>

Exposure Position	1	2	3	4	8	1+4+8 Summed 10g SAR (W/kg)	2+4+8 Summed 10g SAR (W/kg)	3+4+8 Summed 10g SAR (W/kg)
	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	NFC			
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)			
Front at	1.084	0.952	1.339	0.706	0.022	1.812	1.680	2.067
Back	1.859	1.070	1.617	1.947	0.001	3.807	3.018	3.565
Right Side	0.053	1.364	1.239	1.036	0.001	1.090	2.401	2.276
Top Side	1.425	0.210	1.125	1.960		3.385	2.170	3.085

<Open mode>

<WLAN Index 9, NFC>

Exposure Position	0	1	2	3	4	0+1 Summed 10g SAR (W/kg)	0+2 Summed 10g SAR (W/kg)	0+3 Summed 10g SAR (W/kg)	0+4 Summed 1g SAR (W/kg)
	NFC	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4				
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)				
Front	0.022	1.249	0.952	1.434	0.990	1.271	0.974	1.456	1.012
Back	0.001	2.272	1.070	1.733	2.934	2.273	1.071	1.734	2.935
Right Side	0.001	0.047	1.364	1.239	1.129	0.048	1.365	1.240	1.130
Top Side		1.559	0.210	1.205	2.807	1.559	0.210	1.205	2.807

<Open mode>

<WLAN Index 10, BT Index 7, NFC>

Exposure Position	4	5	6	7	8	4+5+8 Summed 10g SAR (W/kg)	4+6+8 Summed 10g SAR (W/kg)	4+7+8 Summed 10g SAR (W/kg)
	WLAN5/6GHz Ant 3+4	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	NFC			
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)			
Front	0.990	0.487	0.586	0.499	0.022	1.499	1.598	1.511
Back	2.934	0.891	0.716	0.922	0.001	3.826	3.651	3.857
Right Side	1.129	0.029	0.749	0.573	0.001	1.159	1.879	1.703
Top Side	2.807	0.393	0.127	0.391		3.200	2.934	3.198



**<Open mode>**  
**<WWAN Index 11, BT Index 7, NFC>**

WWAN Band	FR1 Band	Exposure Position	1	2	7	9	10	11	1+7+9 Summed 1g SAR (W/kg)	1+7+10 Summed 1g SAR (W/kg)	1+7+11 Summed 1g SAR (W/kg)	2+7+9 Summed 1g SAR (W/kg)	2+7+10 Summed 1g SAR (W/kg)	2+7+11 Summed 1g SAR (W/kg)
			WWAN	FR1	NFC	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4						
			10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)						
GSM850_Ant 0 TX0		Front	2.462		0.022	0.487	0.586	0.499	2.971	3.070	2.983			
		Back	2.416		0.001	0.891	0.716	0.922	3.308	3.133	3.339			
		Right side	1.923		0.001	0.029	0.749	0.573	1.953	2.673	2.497			
		Top side				0.393	0.127	0.391	0.393	0.127	0.391			
		Bottom side	1.581						1.581	1.581	1.581			
GSM1900_Ant 2 TX0		Front	2.340		0.022	0.487	0.586	0.499	2.849	2.948	2.861			
		Back	1.633		0.001	0.891	0.716	0.922	2.525	2.350	2.556			
		Right side	0.535		0.001	0.029	0.749	0.573	0.565	1.285	1.109			
		Top side				0.393	0.127	0.391	0.393	0.127	0.391			
		Bottom side	2.132						2.132	2.132	2.132			
WCDMA_II_Ant 2 TX0		Front	1.856		0.022	0.487	0.586	0.499	2.365	2.464	2.377			
		Back	1.685		0.001	0.891	0.716	0.922	2.577	2.402	2.608			
		Right side	0.538		0.001	0.029	0.749	0.573	0.568	1.288	1.112			
		Top side				0.393	0.127	0.391	0.393	0.127	0.391			
		Bottom side	2.307						2.307	2.307	2.307			
WCDMA_IV_Ant 2 TX0		Front	1.615		0.022	0.487	0.586	0.499	2.124	2.223	2.136			
		Back	1.638		0.001	0.891	0.716	0.922	2.530	2.355	2.561			
		Right side	0.387		0.001	0.029	0.749	0.573	0.417	1.137	0.961			
		Top side				0.393	0.127	0.391	0.393	0.127	0.391			
		Bottom side	2.474						2.474	2.474	2.474			
WCDMA_V_Ant 0 TX0		Front	2.029		0.022	0.487	0.586	0.499	2.538	2.637	2.550			
		Back	1.889		0.001	0.891	0.716	0.922	2.781	2.606	2.812			
		Right side	1.166		0.001	0.029	0.749	0.573	1.196	1.916	1.740			
		Top side				0.393	0.127	0.391	0.393	0.127	0.391			
		Bottom side	1.220						1.220	1.220	1.220			
LTE Band 7_Ant 2 TX0	FR1 n5_Ant 0 TX0	Front	1.651	1.811	0.022	0.487	0.586	0.499	2.160	2.259	2.172	2.320	2.419	2.332
		Back	1.912	1.863	0.001	0.891	0.716	0.922	2.804	2.629	2.835	2.755	2.580	2.786
		Right side	0.142	1.430	0.001	0.029	0.749	0.573	0.172	0.892	0.716	1.460	2.180	2.004
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side	2.157	1.278					2.157	2.157	2.157	1.278	1.278	1.278
LTE Band 12_Ant 0 TX0	FR1 n7_Ant 2 TX0	Front	1.339	1.659	0.022	0.487	0.586	0.499	1.848	1.947	1.860	2.168	2.267	2.180
		Back	1.898	1.934	0.001	0.891	0.716	0.922	2.790	2.615	2.821	2.826	2.651	2.857
		Right side	1.313	0.157	0.001	0.029	0.749	0.573	1.343	2.063	1.887	0.187	0.907	0.731
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side	1.181	2.145					1.181	1.181	1.181	2.145	2.145	2.145
LTE Band 13_Ant 0 TX0	FR1 n12_Ant 0 TX0	Front	1.511	1.600	0.022	0.487	0.586	0.499	2.020	2.119	2.032	2.109	2.208	2.121
		Back	2.102	1.925	0.001	0.891	0.716	0.922	2.994	2.819	3.025	2.817	2.642	2.848
		Right side	1.745	1.500	0.001	0.029	0.749	0.573	1.775	2.495	2.319	1.530	2.250	2.074
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side	1.293	1.363					1.293	1.293	1.293	1.363	1.363	1.363
LTE Band 14_Ant 0 TX0	FR1 n14_Ant 0 TX0	Front	1.491	1.978	0.022	0.487	0.586	0.499	2.000	2.099	2.012	2.487	2.586	2.499
		Back	1.942	2.113	0.001	0.891	0.716	0.922	2.834	2.659	2.865	3.005	2.830	3.036
		Right side	1.554	1.898	0.001	0.029	0.749	0.573	1.584	2.304	2.128	1.928	2.648	2.472
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side	1.327	1.346					1.327	1.327	1.327	1.346	1.346	1.346
LTE Band 25_Ant 2 TX0	FR1 n25_Ant 2 TX0	Front	1.972	1.991	0.022	0.487	0.586	0.499	2.481	2.580	2.493	2.500	2.599	2.512
		Back	1.641	1.917	0.001	0.891	0.716	0.922	2.533	2.358	2.564	2.809	2.634	2.840
		Right side	0.521	0.586	0.001	0.029	0.749	0.573	0.551	1.271	1.095	0.616	1.336	1.160
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side												



		Bottom side	2.423	2.267					2.423	2.423	2.423	2.267	2.267	2.267
LTE Band 26_Ant 0 TX0	FR1 n30_Ant 2 TX0	Front	1.787	2.192	0.022	0.487	0.586	0.499	2.296	2.395	2.308	2.701	2.800	2.713
		Back	1.899	1.993	0.001	0.891	0.716	0.922	2.791	2.616	2.822	2.885	2.710	2.916
		Right side	1.494	0.186	0.001	0.029	0.749	0.573	1.524	2.244	2.068	0.216	0.936	0.760
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side	1.265	1.981					1.265	1.265	1.265	1.981	1.981	1.981
LTE Band 30_Ant 2 TX0	FR1 n30_Ant 2 TX0	Front	2.352		0.022	0.487	0.586	0.499	2.861	2.960	2.873	0.509	0.608	0.521
		Back	2.297		0.001	0.891	0.716	0.922	3.189	3.014	3.220	0.892	0.717	0.923
		Right side	0.192		0.001	0.029	0.749	0.573	0.222	0.942	0.766	0.030	0.750	0.574
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side	2.223						2.223	2.223	2.223	0.000	0.000	0.000
FR1 n41_Ant 2 TX0	FR1 n41_Ant 2 TX0	Front		2.210	0.022	0.487	0.586	0.499	0.509	0.608	0.521	2.719	2.818	2.731
		Back		2.307	0.001	0.891	0.716	0.922	0.892	0.717	0.923	3.199	3.024	3.230
		Right side		0.175	0.001	0.029	0.749	0.573	0.030	0.750	0.574	0.205	0.925	0.749
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side		2.234					0.000	0.000	0.000	2.234	2.234	2.234
LTE Band 41_Ant 2 TX0	FR1 n48_Ant 6 TX0	Front	1.906	1.994	0.022	0.487	0.586	0.499	2.415	2.514	2.427	2.503	2.602	2.515
		Back	2.371	2.262	0.001	0.891	0.716	0.922	3.263	3.088	3.294	3.154	2.979	3.185
		Right side	0.187	1.183	0.001	0.029	0.749	0.573	0.217	0.937	0.761	1.213	1.933	1.757
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side	1.851						1.851	1.851	1.851	0.000	0.000	0.000
LTE Band 48_Ant 6 TX0	FR1 n66_Ant 2 TX0	Front	1.655	1.402	0.022	0.487	0.586	0.499	2.164	2.263	2.176	1.911	2.010	1.923
		Back	2.223	1.622	0.001	0.891	0.716	0.922	3.115	2.940	3.146	2.514	2.339	2.545
		Right side	1.541	0.389	0.001	0.029	0.749	0.573	1.571	2.291	2.115	0.419	1.139	0.963
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side		2.260					0.000	0.000	0.000	2.260	2.260	2.260
LTE Band 66_Ant 2 TX0	FR1 n71_Ant 0 TX0	Front	1.660	1.359	0.022	0.487	0.586	0.499	2.169	2.268	2.181	1.868	1.967	1.880
		Back	1.660	2.160	0.001	0.891	0.716	0.922	2.552	2.377	2.583	3.052	2.877	3.083
		Right side	0.362	2.136	0.001	0.029	0.749	0.573	0.392	1.112	0.936	2.166	2.886	2.710
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side	2.434	1.553					2.434	2.434	2.434	1.553	1.553	1.553
LTE Band 71_Ant 0 TX0	FR1 n77_Ant 6 TX0	Front	1.762	2.077	0.022	0.487	0.586	0.499	2.271	2.370	2.283	2.586	2.685	2.598
		Back	2.155	2.211	0.001	0.891	0.716	0.922	3.047	2.872	3.078	3.103	2.928	3.134
		Right side	1.990	1.344	0.001	0.029	0.749	0.573	2.020	2.740	2.564	1.374	2.094	1.918
		Top side				0.393	0.127	0.391	0.393	0.127	0.391	0.393	0.127	0.391
		Bottom side	1.407						1.407	1.407	1.407	0.000	0.000	0.000
LTE Band 2_Ant 1 SUB_TX0	FR1 n2_Ant 1 SUB_TX0	Front	1.323	1.393	0.022	0.487	0.586	0.499	1.832	1.931	1.844	1.902	2.001	1.914
		Back	2.452	2.301	0.001	0.891	0.716	0.922	3.344	3.169	3.375	3.193	3.018	3.224
		Right side	1.631	1.215	0.001	0.029	0.749	0.573	1.661	2.381	2.205	1.245	1.965	1.789
		Top side	1.569	1.181		0.393	0.127	0.391	1.962	1.696	1.960	1.574	1.308	1.572
		Bottom side							0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 66_Ant 1 SUB_TX0	FR1 n66_Ant 1 SUB_TX0	Front	1.238	1.398	0.022	0.487	0.586	0.499	1.747	1.846	1.759	1.907	2.006	1.919
		Back	2.478	2.229	0.001	0.891	0.716	0.922	3.370	3.195	3.401	3.121	2.946	3.152
		Right side	0.703	1.107	0.001	0.029	0.749	0.573	0.733	1.453	1.277	1.137	1.857	1.681
		Top side	1.133	1.075		0.393	0.127	0.391	1.526	1.260	1.524	1.468	1.202	1.466
		Bottom side							0.000	0.000	0.000	0.000	0.000	0.000
FR1 n41_Ant 1 SUB_TX0	FR1 n41_Ant 1 SUB_TX0	Front		1.775	0.022	0.487	0.586	0.499				2.284	2.383	2.296
		Back		2.240	0.001	0.891	0.716	0.922				3.132	2.957	3.163
		Right side		0.617	0.001	0.029	0.749	0.573				0.647	1.367	1.191
		Top side		1.532		0.393	0.127	0.391				1.925	1.659	1.923
		Bottom side										0.000	0.000	0.000
FR1 n48_Ant 1 SUB_TX0	FR1 n48_Ant 1 SUB_TX0	Front		0.805	0.022	0.487	0.586	0.499				1.314	1.413	1.326
		Back		2.155	0.001	0.891	0.716	0.922				3.047	2.872	3.078
		Right side		1.356	0.001	0.029	0.749	0.573				1.386	2.106	1.930
		Top side		2.482		0.393	0.127	0.391				2.875	2.609	2.873
		Bottom side										0.000	0.000	0.000





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FR1 n77_Ant 1 SUB_TX0	Front	1.144	0.022	0.487	0.586	0.499					1.653	1.752	1.665
	Back	2.438	0.001	0.891	0.716	0.922					3.330	3.155	3.361
	Right side	1.553	0.001	0.029	0.749	0.573					1.583	2.303	2.127
	Top side	2.104		0.393	0.127	0.391					2.497	2.231	2.495
	Bottom side										0.000	0.000	0.000

<Open mode>

<WWAN Index 11, BT Index 7, NFC>

WWAN Band	FR1 Band	Exposure Position	1	2	7	9	10	11	1+7+9	1+7+10	1+7+11	2+7+9	2+7+10	2+7+11	
			WWAN 10g SAR (W/kg)	FR1 10g SAR (W/kg)	NFC 10g SAR (W/kg)	Bluetooth Ant 3 10g SAR (W/kg)	Bluetooth Ant 4 10g SAR (W/kg)	Bluetooth Ant 3+4 10g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	
GSM850_Ant 1 TX1		Front	1.202		0.022	0.487	0.586	0.499	1.711	1.810	1.723				
		Back	1.778		0.001	0.891	0.716	0.922	2.670	2.495	2.701				
		Right side	2.066		0.001	0.029	0.749	0.573	2.096	2.816	2.640				
		Top side	0.916			0.393	0.127	0.391	1.309	1.043	1.307				
		Bottom side							0.000	0.000	0.000				
GSM1900_Ant 0 TX1		Front	2.381		0.022	0.487	0.586	0.499	2.890	2.989	2.902				
		Back	1.581		0.001	0.891	0.716	0.922	2.473	2.298	2.504				
		Right side	0.444		0.001	0.029	0.749	0.573	0.474	1.194	1.018				
		Top side				0.393	0.127	0.391	0.393	0.127	0.391				
		Bottom side	0.488						0.488	0.488	0.488				
WCDMA II_Ant 0 TX1		Front	1.648		0.022	0.487	0.586	0.499	2.157	2.256	2.169				
		Back	2.061		0.001	0.891	0.716	0.922	2.953	2.778	2.984				
		Right side	0.365		0.001	0.029	0.749	0.573	0.395	1.115	0.939				
		Top side				0.393	0.127	0.391	0.393	0.127	0.391				
		Bottom side	1.192						1.192	1.192	1.192				
WCDMA IV_Ant 0 TX1		Front	1.214		0.022	0.487	0.586	0.499	1.723	1.822	1.735				
		Back	1.214		0.001	0.891	0.716	0.922	2.106	1.931	2.137				
		Right side	2.318		0.001	0.029	0.749	0.573	2.348	3.068	2.892				
		Top side				0.393	0.127	0.391	0.393	0.127	0.391				
		Bottom side	0.249						0.249	0.249	0.249				
WCDMA V_Ant 1 TX1		Front	0.871		0.022	0.487	0.586	0.499	1.380	1.479	1.392				
		Back	1.640		0.001	0.891	0.716	0.922	2.532	2.357	2.563				
		Right side	1.401		0.001	0.029	0.749	0.573	1.431	2.151	1.975				
		Top side	0.776			0.393	0.127	0.391	1.169	0.903	1.167				
		Bottom side							0.000	0.000	0.000				
LTE Band 7_Ant 0 TX1	FR1 n5_Ant 1 TX1	Front	1.641	1.119	0.022	0.487	0.586	0.499	2.150	2.249	2.162	1.628	1.727	1.640	
		Back	1.610	2.100	0.001	0.891	0.716	0.922	2.502	2.327	2.533	2.992	2.817	3.023	
		Right side	2.462	1.706	0.001	0.029	0.749	0.573	2.492	3.212	3.036	1.736	2.456	2.280	
		Top side		1.214		0.393	0.127	0.391	0.393	0.127	0.391	1.607	1.341	1.605	
		Bottom side	0.093						0.093	0.093	0.093	0.000	0.000	0.000	
LTE Band 12_Ant 1 TX1	FR1 n7_Ant 0 TX1	Front	0.700	2.136	0.022	0.487	0.586	0.499	1.209	1.308	1.221	2.645	2.744	2.657	
		Back	1.427	1.948	0.001	0.891	0.716	0.922	2.319	2.144	2.350	2.840	2.665	2.871	
		Right side	1.151	2.452	0.001	0.029	0.749	0.573	1.181	1.901	1.725	2.482	3.202	3.026	
		Top side	1.077			0.393	0.127	0.391	1.470	1.204	1.468	0.393	0.127	0.391	
		Bottom side		0.161					0.000	0.000	0.000	0.161	0.161	0.161	
LTE Band 13_Ant 1 TX1	FR1 n12_Ant 1 TX1	Front	0.837	0.642	0.022	0.487	0.586	0.499	1.346	1.445	1.358	1.151	1.250	1.163	
		Back	1.553	1.423	0.001	0.891	0.716	0.922	2.445	2.270	2.476	2.315	2.140	2.346	
		Right side	1.511	1.411	0.001	0.029	0.749	0.573	1.541	2.261	2.085	1.441	2.161	1.985	
		Top side	0.888	0.940		0.393	0.127	0.391	1.281	1.015	1.279	1.333	1.067	1.331	
		Bottom side							0.000	0.000	0.000	0.000	0.000	0.000	
LTE Band 14_Ant 1 TX1	FR1 n14_Ant 1 TX1	Front	1.029	0.855	0.022	0.487	0.586	0.499	1.538	1.637	1.550	1.364	1.463	1.376	
		Back	1.848	1.992	0.001	0.891	0.716	0.922	2.740	2.565	2.771	2.884	2.709	2.915	
		Right side	1.794	1.731	0.001	0.029	0.749	0.573	1.824	2.544	2.368	1.761	2.481	2.305	

		Top side	1.315	1.112		0.393	0.127	0.391	1.708	1.442	1.706	1.505	1.239	1.503
		Bottom side							<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
LTE Band 25_Ant 0 TX1	FR1 n25_Ant 0 TX1	Front	1.942	1.796	0.022	0.487	0.586	0.499	2.451	2.550	2.463	2.305	2.404	2.317
		Back	2.473	2.233	0.001	0.891	0.716	0.922	3.365	3.190	3.396	3.125	2.950	3.156
		Right side	0.637	0.660	0.001	0.029	0.749	0.573	0.667	1.387	1.211	0.690	1.410	1.234
		Top side				0.393	0.127	0.391	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>
		Bottom side	1.088	1.137					<b>1.088</b>	<b>1.088</b>	<b>1.088</b>	<b>1.137</b>	<b>1.137</b>	<b>1.137</b>
LTE Band 26_Ant 1 TX1	FR1 n30_Ant 0 TX1	Front	1.031	1.981	0.022	0.487	0.586	0.499	1.540	1.639	1.552	2.490	2.589	2.502
		Back	2.114	1.610	0.001	0.891	0.716	0.922	3.006	2.831	3.037	2.502	2.327	2.533
		Right side	1.718	2.299	0.001	0.029	0.749	0.573	1.748	2.468	2.292	2.329	3.049	2.873
		Top side	1.159			0.393	0.127	0.391	1.552	1.286	1.550	0.393	0.127	0.391
		Bottom side		0.183					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.183</b>	<b>0.183</b>	<b>0.183</b>
LTE Band 30_Ant 0 TX1		Front	2.267		0.022	0.487	0.586	0.499	2.776	2.875	2.788	0.509	0.608	0.521
		Back	1.708		0.001	0.891	0.716	0.922	2.600	2.425	2.631	0.892	0.717	0.923
		Right side	2.441		0.001	0.029	0.749	0.573	2.471	3.191	3.015	0.030	0.750	0.574
		Top side				0.393	0.127	0.391	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>
		Bottom side	0.176						<b>0.176</b>	<b>0.176</b>	<b>0.176</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
	FR1 n41_Ant 0 TX1	Front		2.346	0.022	0.487	0.586	0.499	0.509	0.608	0.521	2.855	2.954	2.867
		Back		1.925	0.001	0.891	0.716	0.922	0.892	0.717	0.923	2.817	2.642	2.848
		Right side		2.441	0.001	0.029	0.749	0.573	0.030	0.750	0.574	2.471	3.191	3.015
		Top side				0.393	0.127	0.391	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>
		Bottom side		0.104					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.104</b>	<b>0.104</b>	<b>0.104</b>
LTE Band 41_Ant 0 TX1	FR1 n48_Ant 2 TX1	Front	0.803	1.984	0.022	0.487	0.586	0.499	1.312	1.411	1.324	2.493	2.592	2.505
		Back	0.716	2.089	0.001	0.891	0.716	0.922	1.608	1.433	1.639	2.981	2.806	3.012
		Right side	1.730	0.674	0.001	0.029	0.749	0.573	1.760	2.480	2.304	0.704	1.424	1.248
		Top side				0.393	0.127	0.391	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>
		Bottom side	0.057	0.895					<b>0.057</b>	<b>0.057</b>	<b>0.057</b>	<b>0.895</b>	<b>0.895</b>	<b>0.895</b>
LTE Band 48_Ant 2 TX1	FR1 n66_Ant 0 TX1	Front	1.281	1.351	0.022	0.487	0.586	0.499	1.790	1.889	1.802	1.860	1.959	1.872
		Back	2.468	1.371	0.001	0.891	0.716	0.922	3.360	3.185	3.391	2.263	2.088	2.294
		Right side	0.949	2.333	0.001	0.029	0.749	0.573	0.979	1.699	1.523	2.363	3.083	2.907
		Top side				0.393	0.127	0.391	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>
		Bottom side	0.925	0.245					<b>0.925</b>	<b>0.925</b>	<b>0.925</b>	<b>0.245</b>	<b>0.245</b>	<b>0.245</b>
LTE Band 66_Ant 0 TX1	FR1 n71_Ant 1 TX1	Front	1.388	0.624	0.022	0.487	0.586	0.499	1.897	1.996	1.909	1.133	1.232	1.145
		Back	1.388	1.310	0.001	0.891	0.716	0.922	2.280	2.105	2.311	2.202	2.027	2.233
		Right side	2.432	1.429	0.001	0.029	0.749	0.573	2.462	3.182	3.006	1.459	2.179	2.003
		Top side		0.932		0.393	0.127	0.391	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>	<b>1.325</b>	<b>1.059</b>	<b>1.323</b>
		Bottom side	0.251						<b>0.251</b>	<b>0.251</b>	<b>0.251</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
LTE Band 71_Ant 1 TX1	FR1 n77_Ant 2 TX1	Front	0.651	2.162	0.022	0.487	0.586	0.499	1.160	1.259	1.172	2.671	2.770	2.683
		Back	1.309	2.245	0.001	0.891	0.716	0.922	2.201	2.026	2.232	3.137	2.962	3.168
		Right side	1.523	0.517	0.001	0.029	0.749	0.573	1.553	2.273	2.097	0.547	1.267	1.091
		Top side	0.986			0.393	0.127	0.391	1.379	1.113	1.377	0.393	0.127	0.391
		Bottom side		0.926					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.926</b>	<b>0.926</b>	<b>0.926</b>
LTE Band 2_Ant 5 SUB_TX1	FR1 n2_Ant 5 SUB_TX1	Front	2.462	2.456	0.022	0.487	0.586	0.499	2.971	3.070	2.983	2.965	3.064	2.977
		Back	0.091	0.022	0.001	0.891	0.716	0.922	0.983	0.808	1.014	0.914	0.739	0.945
		Right side	0.036	0.001	0.001	0.029	0.749	0.573	0.066	0.786	0.610	0.031	0.751	0.575
		Top side				0.393	0.127	0.391	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>
		Bottom side	0.085	0.042					<b>0.085</b>	<b>0.085</b>	<b>0.085</b>	<b>0.042</b>	<b>0.042</b>	<b>0.042</b>
LTE Band 66_Ant 5 SUB_TX1	FR1 n66_Ant 5 SUB_TX1	Front	2.479	2.223	0.022	0.487	0.586	0.499	2.988	3.087	3.000	2.732	2.831	2.744
		Back	0.001	0.001	0.001	0.891	0.716	0.922	0.893	0.718	0.924	0.893	0.718	0.924
		Right side	0.001	0.001	0.001	0.029	0.749	0.573	0.031	0.751	0.575	0.031	0.751	0.575
		Top side				0.393	0.127	0.391	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>	<b>0.393</b>	<b>0.127</b>	<b>0.391</b>
		Bottom side	0.001	0.001					<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>
	FR1 n41_Ant 5 SUB_TX1	Front		1.268	0.022	0.487	0.586	0.499				1.777	1.876	1.789
		Back		0.036	0.001	0.891	0.716	0.922				0.928	0.753	0.959
		Right side		0.001	0.001	0.029	0.749	0.573				0.031	0.751	0.575
		Top side				0.393	0.127	0.391				0.393	0.127	0.391



		Bottom side		0.040							0.040	0.040	0.040
FR1 n48_Ant 5 SUB_TX1		Front		1.771	0.022	0.487	0.586	0.499			2.280	2.379	2.292
		Back		0.001	0.001	0.891	0.716	0.922			0.893	0.718	0.924
		Right side		0.001	0.001	0.029	0.749	0.573			0.031	0.751	0.575
		Top side				0.393	0.127	0.391			0.393	0.127	0.391
		Bottom side		0.053							0.053	0.053	0.053
FR1 n77_Ant 5 SUB_TX1		Front		2.408	0.022	0.487	0.586	0.499			2.917	3.016	2.929
		Back		0.037	0.001	0.891	0.716	0.922			0.929	0.754	0.960
		Right side		0.010	0.001	0.029	0.749	0.573			0.040	0.760	0.584
		Top side				0.393	0.127	0.391			0.393	0.127	0.391
		Bottom side		0.065							0.065	0.065	0.065

**<Open mode>**

**<BT Index 8, NFC>**

Exposure Position	0	5	6	7	0+5 Summed 1g SAR (W/kg)	0+6 Summed 1g SAR (W/kg)	0+7 Summed 1g SAR (W/kg)
	NFC	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4			
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)			
Front	0.022	0.746	0.832	0.499	<b>0.768</b>	<b>0.854</b>	<b>0.521</b>
Back	0.001	1.343	1.011	0.922	<b>1.344</b>	<b>1.012</b>	<b>0.923</b>
Right Side	0.001	0.034	1.049	0.573	<b>0.035</b>	<b>1.050</b>	<b>0.574</b>
Top Side		0.575	0.180	0.391	<b>0.575</b>	<b>0.180</b>	<b>0.391</b>



### 17. Supplemental Antenna tuner tests results

**General Note:**

1. This device implements antenna tuning techniques in the several frequency band and list as below. SAR test proposal was measured according to the normally required SAR configurations with the tuner active and worst tune state (auto tune) was used for SAR testing and this design will provide the highest power at different user scenarios and would not influence to the antenna characteristics other than impedance matching.
2. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
3. The number of supported tune codes is different for each frequency band as shown in the following table.
4. Dynamic antenna tuning mechanism is available at Ant. 0 / 2 and for its < 3GHz LTE and NR band, details are illustrated in the operational description. In this section, all supported tuning states for each band are tested and it's verified that auto-tune state results in the highest SAR configuration.
5. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).

Antenna configuration	
Transmit switching diversity configuration	Support transmit antenna and band
TX0	ANT 0: LTE B5/B12/B13/B14/B17/B26/B71, NR n5/n12/n14/n71 ANT 2: LTE B4/B66, NR n66

Antenna	Band	Number of tuning states
Ant0(LB)	LTE B26(B5), 5G NR n5	32
	LTE B12(B17), 5G NR n12	12
	LTE B13	9
	LTE B14, 5G NR n14	9
	LTE B71, 5G NR n71	10
Ant2 (MB/HB)	LTE B66(B4), 5G NR n66	6



**17.1 Supplemental Head SAR results**

<Closed mode>

Head (Ant0)	RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)																								
	Band	Mode	Channel	Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21															
LTE Band 26/5	15M_QPSK_1_0	Middle	26865	Right Cheek	0.295	0.412	21	0.310	21	0.310	0.235	0.178	0.266	0.045	0.243	0.278	0.067	0.215	0.078	0.285	0.299	0.198	0.169	0.267	0.044	0.268	0.261	0.289	0.049	0.061	0.310					
LTE Band 12/17	10M_QPSK_1_0	Middle	23095	Right Cheek	0.173	0.225	7	0.184	7	0.184	0.140	0.131	0.001	0.135	0.130	0.001	0.184	0.148	0.001	0.123	0.152	0.001														
LTE Band 13	10M_QPSK_1_0	Middle	23230	Right Cheek	0.272	0.374	4	0.333	4	0.333	0.216	0.215	0.001	0.333	0.218	0.001	0.219	0.231	0.001																	
LTE Band 14	10M_QPSK_1_0	Middle	23330	Right Cheek	0.277	0.379	4	0.329	4	0.329	0.228	0.225	0.048	0.329	0.219	0.001	0.217	0.218	0.044																	
LTE Band 71	20M_QPSK_1_0	Middle	133297	Left Cheek	0.090	0.114	5	0.123	5	0.123	0.001	0.049	0.046	0.001	0.123	0.049	0.001	0.062	0.046	0.001																

Head (Ant2)	RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)					
	Band	Mode	Channel	Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)							
	1	2	3	4	5	6											
LTE Band 66/4	20M_QPSK_1_0	Middle	132322	Left Cheek	0.244	0.298	3	0.276	3	0.276	0.275	0.274	0.276	0.253	0.231	0.214	

<Open mode>

Head (Ant0)	RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)																								
	Band	Mode	Channel	Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21															
LTE Band 26/5	15M_QPSK_1_0	Middle	26865	Left Cheek	0.357	0.499	21	0.392	28	0.395	0.338	0.188	0.352	0.147	0.300	0.337	0.165	0.237	0.154	0.342	0.333	0.263	0.247	0.352	0.175	0.353	0.331	0.330	0.158	0.152	0.392					
LTE Band 12/17	10M_QPSK_1_0	Middle	23095	Left Cheek	0.145	0.189	7	0.280	7	0.280	0.269	0.269	0.072	0.269	0.265	0.074	0.280	0.274	0.072	0.154	0.267	0.071														
LTE Band 13	10M_QPSK_1_0	Middle	23230	Left Cheek	0.354	0.486	4	0.359	4	0.359	0.349	0.316	0.091	0.359	0.351	0.127	0.330	0.337	0.092																	
LTE Band 14	10M_QPSK_1_0	Middle	23330	Left Cheek	0.367	0.502	4	0.399	4	0.399	0.370	0.394	0.108	0.399	0.362	0.110	0.395	0.382	0.106																	
LTE Band 71	20M_QPSK_1_0	Middle	133297	Left Cheek	0.217	0.275	5	0.251	5	0.251	0.223	0.082	0.250	0.076	0.251	0.083	0.079	0.250	0.088	0.081																

Head (Ant2)	RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)					
	Band	Mode	Channel	Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)							
	1	2	3	4	5	6											
LTE Band 66/4	20M_QPSK_1_0	Middle	132322	Left Cheek	0.413	0.505	3	0.541	3	0.541	0.237	0.175	0.541	0.190	0.189	0.169	



<Closed mode>

Head (Ant0)	RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)																						
	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																							
	FR1 n5	20M_BPSK_1_53	Middle	167300	Right Cheek	0.266	0.349	12	0.321	12	0.321	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
											0.301	0.218	0.218	0.048	0.288	0.312	0.056	0.247	0.067	0.308	0.319	0.321	0.221	0.292	0.048	0.308	0.284	0.281	0.059	0.073	0.302			
											0.254	0.219	0.242	0.047	0.294	0.273	0.286	0.055	0.255	0.068	0.268													
											0.148	0.139	0.001	0.145	0.136	0.001	0.254	0.146	0.001	0.001	0.146	0.001												
											0.260	0.257	0.050	0.362	0.261	0.050	0.260	0.257	0.052															
											0.075	0.120	0.044	0.001	0.148	0.114	0.001	0.142	0.106	0.001														

Head (Ant2)	RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)					
	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)						
	FR1 n66	40M_BPSK_1_108	Middle	349000	Left Cheek	0.220	0.267	3	0.298	3	0.298	1	2	3	4	5	6
											0.290	0.290	0.298	0.267	0.241	0.217	

<Open mode>

Head (Ant0)	RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)																							
	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																								
	FR1 n5	20M_BPSK_1_53	Middle	167300	Left Cheek	0.335	0.440	12	0.379	14	0.422	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
											0.416	0.267	0.359	0.161	0.392	0.411	0.160	0.297	0.164	0.375	0.349	0.379	0.268	0.422	0.151	0.413	0.405	0.400	0.164	0.161	0.365				
											0.305	0.314	0.354	0.168	0.391	0.419	0.376	0.191	0.330	0.176	0.365														
											0.270	0.285	0.111	0.289	0.284	0.099	0.291	0.289	0.169	0.083	0.282	0.113													
											0.387	0.393	0.123	0.416	0.371	0.131	0.403	0.413	0.122																
											0.227	0.084	0.240	0.086	0.268	0.106	0.076	0.262	0.089	0.093															

Head (Ant2)	RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)					
	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)						
	FR1 n66	40M_BPSK_1_108	Middle	349000	Left Cheek	0.373	0.453	4	0.408	3	0.479	1	2	3	4	5	6
											0.176	0.161	0.479	0.408	0.129	0.112	



17.2 Supplemental Body SAR results

<Closed mode>

Body (Ant0)	RF exposure position										Average Value of Time Sweep Single Point SAR (W/kg)																									
	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																									
												1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				
LTE Band 26/5	15M_QPSK_1_0	Middle	26865	Right Side	0.541	0.755	21	0.559	13	0.568	0.315	0.401	0.415	0.178	0.443	0.414	0.179	0.397	0.221	0.444	0.410	0.423	0.568	0.408	0.167	0.450	0.434	0.414	0.161	0.212	0.559					
											22	23	24	25	26	27	28	29	30	31	32															
											0.434	0.413	0.411	0.166	0.429	0.414	0.385	0.139	0.427	0.189	0.413															
LTE Band 12/17	10M_QPSK_1_0	Middle	23095	Back	0.364	0.473	7	0.444	7	0.444	1	2	3	4	5	6	7	8	9																	
											0.343	0.223	0.126	0.328	0.240	0.131	0.444	0.247	0.125	0.248	0.288	0.128														
LTE Band 13	10M_QPSK_1_0	Middle	23230	Back	0.424	0.583	4	0.501	4	0.501	1	2	3	4	5	6	7	8	9																	
											0.388	0.397	0.149	0.501	0.400	0.151	0.389	0.398	0.150																	
LTE Band 14	10M_QPSK_1_0	Middle	23330	Back	0.436	0.596	4	0.512	4	0.512	1	2	3	4	5	6	7	8	9																	
											0.400	0.409	0.155	0.512	0.411	0.156	0.401	0.410	0.154																	
LTE Band 71	20M_QPSK_1_0	Middle	133297	Back	0.318	0.403	5	0.372	5	0.372	1	2	3	4	5	6	7	8	9	10																
											0.361	0.153	0.129	0.119	0.372	0.156	0.125	0.347	0.139	0.121																

Body (Ant2)	RF exposure position										Average Value of Time Sweep Single Point SAR (W/kg)						
	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)						
												1	2	3	4	5	6
LTE Band 66/4	20M_QPSK_1_0	Middle	132322	Back	0.932	1.136	3	0.981	3	0.981	0.886	0.900	0.981	0.890	0.894	0.866	

<Open mode>

Body (Ant0)	RF exposure position										Average Value of Time Sweep Single Point SAR (W/kg)																										
	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																										
												1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21					
LTE Band 26/5	15M_QPSK_1_0	Middle	26865	Front	0.546	0.762	21	0.565	14	0.590	0.423	0.276	0.539	0.163	0.455	0.527	0.171	0.270	0.156	0.456	0.524	0.329	0.326	0.590	0.167	0.500	0.502	0.537	0.186	0.168	0.565						
											22	23	24	25	26	27	28	29	30	31	32																
											0.378	0.379	0.495	0.171	0.519	0.526	0.521	0.199	0.369	0.178	0.491																
LTE Band 12/17	10M_QPSK_1_0	Middle	23095	Front	0.512	0.666	7	0.525	7	0.525	1	2	3	4	5	6	7	8	9	10	11	12															
											0.513	0.521	0.145	0.516	0.522	0.149	0.525	0.520	0.146	0.319	0.523	0.145															
LTE Band 13	10M_QPSK_1_0	Middle	23230	Front	0.473	0.650	4	0.546	4	0.546	1	2	3	4	5	6	7	8	9																		
											0.445	0.441	0.137	0.546	0.439	0.136	0.440	0.438	0.134																		
LTE Band 14	10M_QPSK_1_0	Middle	23330	Front	0.511	0.699	4	0.560	4	0.560	1	2	3	4	5	6	7	8	9																		
											0.460	0.469	0.143	0.560	0.502	0.165	0.464	0.456	0.143																		
LTE Band 71	20M_QPSK_1_0	Middle	133297	Front	0.417	0.529	5	0.476	5	0.476	1	2	3	4	5	6	7	8	9	10																	
											0.361	0.108	0.375	0.109	0.476	0.111	0.111	0.355	0.108	0.110																	

Body (Ant2)	RF exposure position										Average Value of Time Sweep Single Point SAR (W/kg)						
	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)						
												1	2	3	4	5	6
LTE Band 66/4	20M_QPSK_1_0	Middle	132322	Bottom Side	0.780	0.900	3	0.830	4	0.843	0.788	0.802	0.830	0.843	0.825	0.838	



<Closed mode>

RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)																																
Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																																	
Body (Ant0)	FR1 n5	20M_BPSK_1_53	Middle	167300	Right Side	0.528	0.693	12	0.592	12	0.592	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21											
												0.474	0.488	0.386	0.188	0.484	0.444	0.150	0.293	0.210	0.478	0.438	0.592	0.460	0.443	0.189	0.477	0.469	0.431	0.167	0.229	0.477											
												22	23	24	25	26	27	28	29	30	31	32																					
FR1 n12	15M_BPSK_1_1	Middle	141500	Back	0.394	0.493	7	0.398	7	0.398	1	2	3	4	5	6	7	8	9	10	11	12																					
											0.388	0.280	0.156	0.386	0.256	0.153	0.398	0.238	0.121	0.247	0.280	0.127																					
											22	23	24	25	26	27	28	29	30	31	32																						
FR1 n14	10M_BPSK_1_1	Middle	158600	Back	0.507	0.665	4	0.54	4	0.540	1	2	3	4	5	6	7	8	9																								
											0.236	0.224	0.055	0.54	0.402	0.149	0.407	0.412	0.157																								
											22	23	24	25	26	27	28	29	30	31	32																						
FR1 n71	20M_BPSK_1_53	Middle	136100	Back	0.412	0.500	5	0.46	5	0.460	1	2	3	4	5	6	7	8	9	10																							
											0.366	0.142	0.131	0.129	0.46	0.149	0.128	0.370	0.140	0.130																							
											22	23	24	25	26	27	28	29	30	31	32																						

RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)						
Body (Ant2)	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)						
Body (Ant2)	FR1 n66	40M_BPSK_1_108	Middle	349000	Back	0.871	1.062	3	0.894	3	0.894	1	2	3	4	5	6
												0.862	0.868	0.894	0.778	0.766	0.665

<Open mode>

RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)																																
Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																																	
Body (Ant0)	FR1 n5	20M_BPSK_1_53	Middle	167300	Front	0.543	0.713	12	0.570	14	0.620	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21											
												0.452	0.303	0.476	0.194	0.510	0.512	0.222	0.388	0.176	0.466	0.455	0.570	0.352	0.620	0.190	0.493	0.442	0.514	0.193	0.175	0.505											
												22	23	24	25	26	27	28	29	30	31	32																					
FR1 n12	15M_BPSK_1_1	Middle	141500	Front	0.503	0.629	7	0.572	7	0.572	1	2	3	4	5	6	7	8	9	10	11	12																					
											0.451	0.455	0.140	0.461	0.466	0.151	0.572	0.449	0.137	0.268	0.463	0.135																					
											22	23	24	25	26	27	28	29	30	31	32																						
FR1 n14	10M_BPSK_1_1	Middle	158600	Front	0.506	0.681	4	0.521	4	0.521	1	2	3	4	5	6	7	8	9																								
											0.481	0.476	0.167	0.521	0.515	0.170	0.493	0.499	0.163																								
											22	23	24	25	26	27	28	29	30	31	32																						
FR1 n71	20M_BPSK_1_53	Middle	136100	Front	0.489	0.593	5	0.542	5	0.542	1	2	3	4	5	6	7	8	9	10																							
											0.414	0.134	0.438	0.136	0.542	0.144	0.140	0.400	0.148	0.141																							
											22	23	24	25	26	27	28	29	30	31	32																						

RF exposure position											Average Value of Time Sweep Single Point SAR (W/kg)						
Body (Ant2)	Band	Mode	Channel		Test Position	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)						
Body (Ant2)	FR1 n66	40M_BPSK_1_108	Middle	349000	Bottom Side	0.774	0.897	3	0.792	3	0.792	1	2	3	4	5	6
												0.712	0.718	0.792	0.667	0.682	0.654





17.3 Supplemental Product Specific SAR results

<Open mode>

Body (Ant0)	RF exposure position										Average Value of Time Sweep Single Point SAR (W/kg)																										
	Band	Mode	Channel	Test Position	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																											
											1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
LTE Band 26/5	15M_QPSK_1_0	Middle	26865	Back	1.360	1.899	21	1.400	21	1.400	1.170	1.000	0.981	0.524	1.150	1.120	0.528	1.030	0.560	1.180	1.030	1.050	1.080	0.954	0.557	1.280	1.180	0.978	0.553	0.568	1.400						
											22	23	24	25	26	27	28	29	30	31	32																
											1.230	1.290	1.160	0.595	1.190	1.130	0.901	0.578	1.170	0.563	1.280																
LTE Band 12/17	10M_QPSK_1_0	Middle	23095	Back	1.460	1.898	7	1.570	7	1.570	0.980	1.030	0.389	0.990	1.040	0.392	1.570	0.991	0.402	1.050	1.060	0.397															
											1	2	3	4	5	6	7	8	9	10	11	12															
											0.989	0.964	0.440	1.798	0.949	0.432	0.978	0.948	0.429																		
LTE Band 13	10M_QPSK_1_0	Middle	23230	Back	1.530	2.102	4	1.798	4	1.798	1	2	3	4	5	6	7	8	9																		
											0.854	0.850	0.479	1.678	0.845	0.468	0.872	0.842	0.464																		
											0.989	0.964	0.440	1.798	0.949	0.432	0.978	0.948	0.429																		
LTE Band 14	10M_QPSK_1_0	Middle	23330	Back	1.420	1.942	4	1.678	4	1.678	1	2	3	4	5	6	7	8	9																		
											0.854	0.850	0.479	1.678	0.845	0.468	0.872	0.842	0.464																		
											0.989	0.964	0.440	1.798	0.949	0.432	0.978	0.948	0.429																		
LTE Band 71	20M_QPSK_1_0	Middle	133297	Back	1.700	2.155	5	1.810	5	1.810	1	2	3	4	5	6	7	8	9	10																	
											1.100	0.359	0.789	0.330	1.810	0.382	0.354	1.060	0.386	0.389																	
											0.989	0.964	0.440	1.798	0.949	0.432	0.978	0.948	0.429																		

Body (Ant2)	RF exposure position										Average Value of Time Sweep Single Point SAR (W/kg)					
	Band	Mode	Channel	Test Position	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)						
											1	2	3	4	5	6
LTE Band 66/4	20M_QPSK_1_0	Middle	132322	Bottom Side	2.110	2.926	3	2.410	3	2.410	1.740	1.860	2.410	1.900	1.920	1.930
											1.740	1.860	2.410	1.900	1.920	1.930

<Open mode>

Body (Ant0)	RF exposure position										Average Value of Time Sweep Single Point SAR (W/kg)																										
	Band	Mode	Channel	Test Position	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)																											
											1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
FR1 n5	20M_BPSK_1_53	Middle	167300	Back	1.420	1.863	12	1.660	12	1.660	1.180	1.170	1.040	0.621	1.230	1.010	0.595	1.250	0.566	1.140	0.913	1.660	1.230	0.889	0.557	1.120	1.110	0.892	0.567	0.550	1.100						
											22	23	24	25	26	27	28	29	30	31	32																
											1.230	1.240	1.150	0.557	1.100	1.110	0.871	0.575	1.240	0.555	1.140																
FR1 n12	15M_BPSK_1_1	Middle	141500	Back	1.540	1.925	7	1.710	7	1.710	0.995	1.000	0.362	0.999	1.000	0.362	1.710	0.991	0.357	0.933	0.987	0.365															
											1	2	3	4	5	6	7	8	9	10	11	12															
											0.862	0.863	0.444	1.667	0.861	0.440	0.860	0.858	0.438																		
FR1 n14	10M_BPSK_1_1	Middle	158600	Back	1.570	2.113	4	1.667	4	1.667	1	2	3	4	5	6	7	8	9																		
											0.862	0.863	0.444	1.667	0.861	0.440	0.860	0.858	0.438																		
											0.989	0.964	0.440	1.798	0.949	0.432	0.978	0.948	0.429																		
FR1 n71	20M_BPSK_1_53	Middle	136100	Back	1.780	2.160	5	1.830	5	1.830	1.020	0.363	0.901	0.366	1.830	0.440	0.374	0.948	0.400	0.384																	
											1	2	3	4	5	6	7	8	9	10																	
											0.989	0.964	0.440	1.798	0.949	0.432	0.978	0.948	0.429																		

Body (Ant2)	RF exposure position										Average Value of Time Sweep Single Point SAR (W/kg)					
	Band	Mode	Channel	Test Position	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Default-Tuner (State)	Default-Tuner Single Point SAR (W/kg)	Auto-Tuner (State)	Auto-Tuner Single Point SAR (W/kg)						
											1	2	3	4	5	6
FR1 n66	40M_BPSK_1_108	Middle	349000	Bottom Side	1.950	2.717	3	1.990	3	1.990	1.810	1.890	1.990	1.880	1.850	1.820
											1.810	1.890	1.990	1.880	1.850	1.820

Test Engineer : Rain Chiu, Jimmy Lu, Jacky Chen and Hank Chiang

## **18. Uncertainty Assessment**

Declaration of Conformity:

The test results with all measurement uncertainty excluded is presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

The component of uncertainty may generally be categorized according to the methods used to evaluate them. The evaluation of uncertainty by the statistical analysis of a series of observations is termed a Type A evaluation of uncertainty. The evaluation of uncertainty by means other than the statistical analysis of a series of observation is termed a Type B evaluation of uncertainty. Each component of uncertainty, however evaluated, is represented by an estimated standard deviation, termed standard uncertainty, which is determined by the positive square root of the estimated variance.

A Type A evaluation of standard uncertainty may be based on any valid statistical method for treating data. This includes calculating the standard deviation of the mean of a series of independent observations; using the method of least squares to fit a curve to the data in order to estimate the parameter of the curve and their standard deviations; or carrying out an analysis of variance in order to identify and quantify random effects in certain kinds of measurement.

A type B evaluation of standard uncertainty is typically based on scientific judgment using all of the relevant information available. These may include previous measurement data, experience, and knowledge of the behavior and properties of relevant materials and instruments, manufacture’s specification, data provided in calibration reports and uncertainties assigned to reference data taken from handbooks. Broadly speaking, the uncertainty is either obtained from an outdoor source or obtained from an assumed distribution, such as the normal distribution, rectangular or triangular distributions indicated in table below.

<b>Uncertainty Distributions</b>	<b>Normal</b>	<b>Rectangular</b>	<b>Triangular</b>	<b>U-Shape</b>
Multi-plying Factor <sup>(a)</sup>	1/k <sup>(b)</sup>	1/√3	1/√6	1/√2

- (a) standard uncertainty is determined as the product of the multiplying factor and the estimated range of variations in the measured quantity
- (b)  $\kappa$  is the coverage factor

### **Standard Uncertainty for Assumed Distribution**

The combined standard uncertainty of the measurement result represents the estimated standard deviation of the result. It is obtained by combining the individual standard uncertainties of both Type A and Type B evaluation using the usual “root-sum-squares” (RSS) methods of combining standard deviations by taking the positive square root of the estimated variances.

Expanded uncertainty is a measure of uncertainty that defines an interval about the measurement result within which the measured value is confidently believed to lie. It is obtained by multiplying the combined standard uncertainty by a coverage factor. Typically, the coverage factor ranges from 2 to 3. Using a coverage factor allows the true value of a measured quantity to be specified with a defined probability within the specified uncertainty range. For purpose of this document, a coverage factor two is used, which corresponds to confidence interval of about 95 %. The DASY uncertainty Budget is shown in the following tables.

The judgment of conformity in the report is based on the measurement results excluding the measurement uncertainty.



**Applicable for SAR Measurements:**

Uncertainty Budget (4 MHz - 10 GHz range)							
Error Description	Uncertainty Value (±%)	Probability	Divisor	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g) (±%)	Standard Uncertainty (10g) (±%)
<b>Measurement System</b>							
Probe Calibration	18.60	N	2	1	1	9.3	9.3
Axial Isotropy	4.70	R	1.732	0.7	0.7	1.9	1.9
Hemispherical Isotropy	9.60	R	1.732	0.7	0.7	3.9	3.9
Linearity	4.70	R	1.732	1	1	2.7	2.7
Modulation Response	4.68	R	1.732	1	1	2.7	2.7
System Detection Limits	1.00	R	1.732	1	1	0.6	0.6
Boundary Effects	2.00	R	1.732	1	1	1.2	1.2
Readout Electronics	0.30	N	1	1	1	0.3	0.3
Response Time	0.00	R	1.732	1	1	0.0	0.0
Integration Time	2.60	R	1.732	1	1	1.5	1.5
RF Ambient Noise	3.00	R	1.732	1	1	1.7	1.7
RF Ambient Reflections	3.00	R	1.732	1	1	1.7	1.7
Probe Positioner	0.40	R	1.732	1	1	0.2	0.2
Probe Positioning	6.70	R	1.732	1	1	3.9	3.9
Post-processing	4.00	R	1.732	1	1	2.3	2.3
<b>Test Sample Related</b>							
Device Holder	3.60	N	1	1	1	3.6	3.6
Test sample Positioning	3.03	N	1	1	1	3.0	3.0
Power Scaling	0.00	R	1.732	1	1	0.0	0.0
Power Drift	5.00	R	1.732	1	1	2.9	2.9
<b>Phantom and Setup</b>							
Phantom Uncertainty	7.60	R	1.732	1	1	4.4	4.4
SAR correction	0.00	R	1.732	1	0.84	0.0	0.0
Liquid Conductivity Repeatability	0.03	N	1	0.78	0.77	0.0	0.0
Liquid Conductivity (target)	5.00	R	1.732	0.78	0.77	2.3	2.2
Liquid Conductivity (mea.)	2.50	R	1.732	0.78	0.77	1.1	1.1
Temp. unc. - Conductivity	3.68	R	1.732	0.78	0.77	1.7	1.6
Liquid Permittivity Repeatability	0.02	N	1	0.23	0.26	0.0	0.0
Liquid Permittivity (target)	5.00	R	1.732	0.23	0.26	0.7	0.8
Liquid Permittivity (mea.)	2.50	R	1.732	0.23	0.26	0.3	0.4
Temp. unc. - Permittivity	0.84	R	1.732	0.23	0.26	0.1	0.1
<b>Combined Std. Uncertainty</b>						14.5%	14.2%
<b>Coverage Factor for 95 %</b>						K=2	K=2
<b>Expanded STD Uncertainty</b>						29.0%	28.4%

**Applicable for Power Density Measurements:**

Error Description	Uncertainty Value (±dB)	Probability	Divisor	(Ci)	Standard Uncertainty (±dB)
Probe Calibration	0.49	N	1	1	0.49
Probe correction	0.00	R	1.732	1	0.00
Frequency response (BW ≤ 1 GHz)	0.20	R	1.732	1	0.12
Sensor cross coupling	0.00	R	1.732	1	0.00
Isotropy	0.50	R	1.732	1	0.29
Linearity	0.20	R	1.732	1	0.12
Probe scattering	0.00	R	1.732	1	0.00
Probe positioning offset	0.30	R	1.732	1	0.17
Probe positioning repeatability	0.04	R	1.732	1	0.02
Sensor mechanical offset	0.00	R	1.732	1	0.00
Probe spatial resolution	0.00	R	1.732	1	0.00
Field impedance dependance	0.00	R	1.732	1	0.00
Amplitude and phase drift	0.00	R	1.732	1	0.00
Amplitude and phase noise	0.04	R	1.732	1	0.02
Measurement area truncation	0.00	R	1.732	1	0.00
Data acquisition	0.03	N	1	1	0.03
Sampling	0.00	R	1.732	1	0.00
Field reconstruction	2.00	R	1.732	1	1.15
Forward transformation	0.00	R	1.732	1	0.00
Power density scaling	0.00	R	1.732	1	0.00
Spatial averaging	0.10	R	1.732	1	0.06
System detection limit	0.04	R	1.732	1	0.02
<b>Uncertainty terms dep endent on the DUT and environmental factors</b>					
Probe coupling with DUT	0.00	R	1.732	1	0.0
Modulation response	0.40	R	1.732	1	0.2
Integration time	0.00	R	1.732	1	0.0
Response time	0.00	R	1.732	1	0.0
Device holder influence	0.10	R	1.732	1	0.1
DUT alignment	0.00	R	1.732	1	0.0
RF ambient conditions	0.04	R	1.732	1	0.0
Ambient reflections	0.04	R	1.732	1	0.0
Immunity / secondary reception	0.00	R	1.732	1	0.0
Drift of the DUT		R	1.732	1	
<b>Combined Std. Uncertainty</b>					1.34
<b>Expanded STD Uncertainty (95%)</b>					2.68



## **19. References**

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