



FCC SAR Test Report

Report No. : FA350505

	FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	DSI 4	349000	1745	19.55	21.00	1.396	-	-	-0.04	0.314	0.438
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	DSI 4	349000	1745	19.55	21.00	1.396	-	-	0.19	0.373	0.521
	FR1 n66	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	DSI 4	349000	1745	19.55	21.00	1.396	-	-	0.15	0.082	0.115
	FR1 n66	40M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 2	DSI 4	349000	1745	19.55	21.00	1.396	-	-	-0.15	0.478	0.667
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 2	DSI 4	349000	1745	19.50	21.00	1.413	-	-	0.04	0.328	0.463
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 2	DSI 4	349000	1745	19.50	21.00	1.413	-	-	0.14	0.378	0.534
	FR1 n66	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 2	DSI 4	349000	1745	19.50	21.00	1.413	-	-	0.05	0.090	0.127
34	FR1 n66	40M	QPSK	108	54	DFT-15	Bottom Side	10mm	Ant 2	DSI 4	349000	1745	19.50	21.00	1.413	-	-	0.07	0.498	0.703
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 3	DSI 4	349000	1745	20.33	22.00	1.469	-	-	-0.04	0.149	0.219
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 3	DSI 4	349000	1745	20.33	22.00	1.469	-	-	0.15	0.121	0.178
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 3	DSI 4	349000	1745	20.33	22.00	1.469	-	-	0.16	0.355	0.521
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 3	DSI 4	349000	1745	20.33	22.00	1.469	-	-	-0.18	0.020	0.029
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 3	DSI 4	349000	1745	20.30	22.00	1.479	-	-	0.16	0.223	0.330
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 3	DSI 4	349000	1745	20.30	22.00	1.479	-	-	0.01	0.166	0.246
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 3	DSI 4	349000	1745	20.30	22.00	1.479	-	-	0.01	0.388	0.574
	FR1 n66_Main PA	40M	QPSK	108	54	DFT-15	Left Side	10mm	Ant 3	DSI 4	349000	1745	18.15	20.00	1.531	-	-	0.02	0.256	0.392
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 3	DSI 4	349000	1745	20.30	22.00	1.479	-	-	-0.1	0.025	0.037
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 4	DSI 4	349000	1745	23.43	24.50	1.279	-	-	-0.18	0.020	0.026
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 4	DSI 4	349000	1745	23.43	24.50	1.279	-	-	0.09	0.036	0.046
	FR1 n66	40M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 4	DSI 4	349000	1745	23.43	24.50	1.279	-	-	-0.03	0.050	0.064
	FR1 n66	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 4	DSI 4	349000	1745	23.43	24.50	1.279	-	-	-0.07	0.018	0.023
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 4	DSI 4	349000	1745	23.38	24.50	1.294	-	-	-0.07	0.015	0.019
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 4	DSI 4	349000	1745	23.38	24.50	1.294	-	-	0.1	0.031	0.040
	FR1 n66	40M	QPSK	108	54	DFT-15	Right Side	10mm	Ant 4	DSI 4	349000	1745	23.38	24.50	1.294	-	-	0.18	0.045	0.058
	FR1 n66	40M	QPSK	108	54	DFT-15	Top Side	10mm	Ant 4	DSI 4	349000	1745	23.38	24.50	1.294	-	-	-0.14	0.011	0.014
1900MHz																				
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 1	DSI 4	661	1880	20.07	21.00	1.239	-	-	0.05	0.111	0.138
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 1	DSI 4	661	1880	20.07	21.00	1.239	-	-	0.1	0.146	0.181
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	10mm	Ant 1	DSI 4	661	1880	20.07	21.00	1.239	-	-	-0.08	0.202	0.250
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Top Side	10mm	Ant 1	DSI 4	661	1880	20.07	21.00	1.239	-	-	-0.15	0.090	0.111
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	10mm	Ant 2	DSI 4	661	1880	23.88	24.50	1.153	-	-	-0.03	0.352	0.406
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	10mm	Ant 2	DSI 4	661	1880	23.88	24.50	1.153	-	-	0.05	0.408	0.471
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Left Side	10mm	Ant 2	DSI 4	661	1880	23.88	24.50	1.153	-	-	-0.05	0.071	0.082
35	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	10mm	Ant 2	DSI 4	661	1880	23.88	24.50	1.153	-	-	-0.05	0.762	0.879
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	10mm	Ant 2	DSI 4	512	1850.2	23.84	24.50	1.164	-	-	0.18	0.688	0.801
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Bottom Side	10mm	Ant 2	DSI 4	810	1909.8	23.80	24.50	1.175	-	-	0.02	0.706	0.829
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 1	DSI 4	9400	1880	16.09	17.50	1.384	-	-	-0.07	0.103	0.143
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 1	DSI 4	9400	1880	16.09	17.50	1.384	-	-	0.15	0.175	0.242
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 1	DSI 4	9400	1880	16.09	17.50	1.384	-	-	0.13	0.192	0.266
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	10mm	Ant 1	DSI 4	9400	1880	16.09	17.50	1.384	-	-	0.08	0.085	0.118
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 2	DSI 4	9400	1880	20.68	21.00	1.076	-	-	0.01	0.440	0.474
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	10mm	Ant 2	DSI 4	9400	1880	20.68	21.00	1.076	-	-	-0.15	0.599	0.645
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	10mm	Ant 2	DSI 4	9400	1880	20.68	21.00	1.076	-	-	-0.05	0.120	0.129
36	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 2	DSI 4	9400	1880	20.68	21.00	1.076	-	-	-0.19	0.914	0.984
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 2	DSI 4	9262	1852.4	20.60	21.00	1.096	-	-	-0.1	0.831	0.911
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 2	DSI 4	9538	1907.6	20.49	21.00	1.125	-	-	0.07	0.851	0.957
	LTE Band 2	20M	QPSK	1	0	-	Front	10mm	Ant 2	DSI 4	18900	1880	19.95	21.00	1.274	-	-	-0.03	0.370	0.471
	LTE Band 2	20M	QPSK	1	0	-	Back	10mm	Ant 2	DSI 4	18900	1880	19.95	21.00	1.274	-	-	-0.1	0.461	0.587
	LTE Band 2	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	DSI 4	18900	1880	19.95	21.00	1.274	-	-	-0.14	0.094	0.120
37	LTE Band 2	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	18900	1880	19.95	21.00	1.274	-	-	0.18	0.817	1.040
	LTE Band 2	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	18700	1860	19.91	21.00	1.285	-	-	-0.16	0.736	0.946
	LTE Band 2	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	19100	1900	19.94	21.00	1.276	-	-	0.09	0.742	0.947
	LTE Band 2	20M	QPSK	50	0	-	Front	10mm	Ant 2	DSI 4	18900	1880	19.90	21.00	1.288	-	-	0.13	0.353	0.455
	LTE Band 2	20M	QPSK	50	0	-	Back	10mm	Ant 2	DSI 4	18900	1880	19.90	21.00	1.288	-	-	-0.07	0.440	0.567
	LTE Band 2	20M	QPSK	50	0	-	Left Side	10mm	Ant 2	DSI 4	18900	1880	19.90	21.00	1.288	-	-	0.01	0.090	0.116
	LTE Band 2	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	18900	1880	19.90	21.00	1.288	-	-	-0.09	0.780	1.005



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	LTE Band 2	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	18700	1860	19.85	21.00	1.303	-	-	-0.15	0.633	0.825
	LTE Band 2	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	19100	1900	19.87	21.00	1.297	-	-	-0.03	0.647	0.839
	LTE Band 2	20M	QPSK	100	0	-	Bottom Side	10mm	Ant 2	DSI 4	18900	1880	19.83	21.00	1.309	-	-	0.13	0.752	0.985
	LTE Band 2	20M	QPSK	1	0	-	Front	10mm	Ant 4	DSI 4	18900	1880	22.14	23.00	1.219	-	-	0.1	0.247	0.301
	LTE Band 2	20M	QPSK	1	0	-	Back	10mm	Ant 4	DSI 4	18900	1880	22.14	23.00	1.219	-	-	-0.18	0.332	0.405
	LTE Band 2	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	18900	1880	22.14	23.00	1.219	-	-	0.12	0.658	0.802
	LTE Band 2	20M	QPSK	1	0	-	Top Side	10mm	Ant 4	DSI 4	18900	1880	22.14	23.00	1.219	-	-	0.07	0.020	0.024
	LTE Band 2	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	18700	1860	21.96	23.00	1.271	-	-	0.04	0.577	0.733
	LTE Band 2	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	19100	1900	22.03	23.00	1.250	-	-	0.05	0.642	0.803
	LTE Band 2	20M	QPSK	50	0	-	Front	10mm	Ant 4	DSI 4	18900	1880	22.05	23.00	1.245	-	-	-0.18	0.231	0.287
	LTE Band 2	20M	QPSK	50	0	-	Back	10mm	Ant 4	DSI 4	18900	1880	22.05	23.00	1.245	-	-	-0.08	0.310	0.386
	LTE Band 2	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	18900	1880	22.05	23.00	1.245	-	-	-0.19	0.640	0.796
	LTE Band 2	20M	QPSK	50	0	-	Top Side	10mm	Ant 4	DSI 4	18900	1880	22.05	23.00	1.245	-	-	0.16	0.019	0.024
	LTE Band 2	20M	QPSK	100	0	-	Right Side	10mm	Ant 4	DSI 4	18900	1880	21.97	23.00	1.268	-	-	-0.15	0.616	0.781
2600MHz																				
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI 4	21100	2535	16.87	18.00	1.297	-	-	-0.01	0.116	0.150
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	21100	2535	16.87	18.00	1.297	-	-	-0.19	0.160	0.208
	LTE Band 7	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI 4	21100	2535	16.87	18.00	1.297	-	-	0.07	0.122	0.158
	LTE Band 7	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	21100	2535	16.87	18.00	1.297	-	-	0.09	0.190	0.246
	LTE Band 7C	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	21100+21298	2535+2554.8	16.62	18.00	1.374	-	-	0.07	0.139	0.191
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI 4	21100	2535	16.72	18.00	1.343	-	-	0.07	0.113	0.152
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI 4	21100	2535	16.72	18.00	1.343	-	-	-0.15	0.156	0.209
	LTE Band 7	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI 4	21100	2535	16.72	18.00	1.343	-	-	0.09	0.102	0.137
	LTE Band 7	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI 4	21100	2535	16.72	18.00	1.343	-	-	-0.18	0.154	0.207
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 2	DSI 4	21100	2535	19.50	20.50	1.259	-	-	0.01	0.210	0.264
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 2	DSI 4	21100	2535	19.50	20.50	1.259	-	-	-0.04	0.326	0.410
	LTE Band 7	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	DSI 4	21100	2535	19.50	20.50	1.259	-	-	-0.03	0.100	0.126
38	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	21100	2535	19.50	20.50	1.259	-	-	0.16	0.551	0.694
	LTE Band 7C	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	21100+21298	2535+2554.8	19.14	20.50	1.368	-	-	-0.04	0.328	0.449
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 2	DSI 4	21100	2535	19.48	20.50	1.265	-	-	0	0.203	0.257
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 2	DSI 4	21100	2535	19.48	20.50	1.265	-	-	0.19	0.311	0.393
	LTE Band 7	20M	QPSK	50	0	-	Left Side	10mm	Ant 2	DSI 4	21100	2535	19.48	20.50	1.265	-	-	0.11	0.095	0.120
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	21100	2535	19.48	20.50	1.265	-	-	-0.18	0.474	0.599
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 3	DSI 4	21100	2535	18.57	19.50	1.239	-	-	-0.03	0.162	0.201
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 3	DSI 4	21100	2535	18.57	19.50	1.239	-	-	-0.13	0.151	0.187
	LTE Band 7	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	DSI 4	21100	2535	18.57	19.50	1.239	-	-	0.03	0.350	0.434
	LTE Band 7C	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	DSI 4	21100+21298	2535+2554.8	18.07	19.50	1.390	-	-	0.06	0.233	0.324
	LTE Band 7	20M	QPSK	1	0	-	Top Side	10mm	Ant 3	DSI 4	21100	2535	18.57	19.50	1.239	-	-	-0.17	0.025	0.031
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 3	DSI 4	21100	2535	18.55	19.50	1.245	-	-	0.13	0.157	0.195
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 3	DSI 4	21100	2535	18.55	19.50	1.245	-	-	-0.1	0.144	0.179
	LTE Band 7	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	DSI 4	21100	2535	18.55	19.50	1.245	-	-	0.1	0.325	0.404
	LTE Band 7	20M	QPSK	50	0	-	Top Side	10mm	Ant 3	DSI 4	21100	2535	18.55	19.50	1.245	-	-	-0.17	0.017	0.021
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 4	DSI 4	21100	2535	18.59	19.50	1.233	-	-	0.06	0.188	0.232
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 4	DSI 4	21100	2535	18.59	19.50	1.233	-	-	-0.08	0.243	0.300
	LTE Band 7	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	21100	2535	18.59	19.50	1.233	-	-	0.05	0.495	0.610
	LTE Band 7C	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	21100+21298	2535+2554.8	18.41	19.50	1.285	-	-	0.01	0.312	0.401
	LTE Band 7	20M	QPSK	1	0	-	Top Side	10mm	Ant 4	DSI 4	21100	2535	18.59	19.50	1.233	-	-	0.14	0.020	0.025
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 4	DSI 4	21100	2535	18.45	19.50	1.274	-	-	-0.02	0.169	0.215
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 4	DSI 4	21100	2535	18.45	19.50	1.274	-	-	-0.03	0.227	0.289
	LTE Band 7	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	21100	2535	18.45	19.50	1.274	-	-	-0.1	0.343	0.437
	LTE Band 7	20M	QPSK	50	0	-	Top Side	10mm	Ant 4	DSI 4	21100	2535	18.45	19.50	1.274	-	-	0.11	0.015	0.019
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI 4	40620	2593	19.17	20.00	1.211	62.9	1.006	0.03	0.136	0.166
	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	40620	2593	19.17	20.00	1.211	62.9	1.006	0.15	0.187	0.228
	LTE Band 41	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI 4	40620	2593	19.17	20.00	1.211	62.9	1.006	0.18	0.094	0.114
	LTE Band 41	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	40620	2593	19.17	20.00	1.211	62.9	1.006	0.02	0.291	0.354
	LTE Band 38 C	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	37901+38099	2585.1+2604.9	18.74	20.00	1.337	62.9	1.006	0.04	0.149	0.200



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	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI 4	40620	2593	19.10	20.00	1.230	62.9	1.006	-0.08	0.132	0.163
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI 4	40620	2593	19.10	20.00	1.230	62.9	1.006	0.01	0.181	0.224
	LTE Band 41	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI 4	40620	2593	19.10	20.00	1.230	62.9	1.006	0.1	0.085	0.105
	LTE Band 41	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI 4	40620	2593	19.10	20.00	1.230	62.9	1.006	-0.07	0.271	0.335
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 2	DSI 4	40620	2593	22.46	23.20	1.186	62.9	1.006	0.09	0.278	0.332
	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 2	DSI 4	40620	2593	22.46	23.20	1.186	62.9	1.006	0.12	0.447	0.533
	LTE Band 41	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	DSI 4	40620	2593	22.46	23.20	1.186	62.9	1.006	0.06	0.050	0.060
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	40620	2593	22.46	23.20	1.186	62.9	1.006	-0.1	0.510	0.608
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	39750	2506	22.43	23.20	1.194	62.9	1.006	0.11	0.416	0.500
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	40185	2549.5	22.31	23.20	1.227	62.9	1.006	-0.12	0.451	0.557
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	41055	2636.5	22.07	23.20	1.297	62.9	1.006	-0.12	0.428	0.559
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	41490	2680	22.45	23.20	1.189	62.9	1.006	0.1	0.382	0.457
	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 2	DSI 4	40620	2593	22.45	23.20	1.189	62.9	1.006	-0.08	0.296	0.354
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 2	DSI 4	40620	2593	22.45	23.20	1.189	62.9	1.006	0.14	0.455	0.544
	LTE Band 41	20M	QPSK	50	0	-	Left Side	10mm	Ant 2	DSI 4	40620	2593	22.45	23.20	1.189	62.9	1.006	0.05	0.054	0.065
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	40620	2593	22.45	23.20	1.189	62.9	1.006	-0.06	0.562	0.672
	LTE Band 38 C	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	37901+38099	2585.1+2604.9	22.13	23.20	1.279	62.9	1.006	0.02	0.504	0.649
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	39750	2506	22.34	23.20	1.219	62.9	1.006	0.13	0.423	0.519
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	40185	2549.5	22.14	23.20	1.276	62.9	1.006	-0.09	0.465	0.597
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	41055	2636.5	22.01	23.20	1.315	62.9	1.006	0.15	0.441	0.583
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	41490	2680	22.37	23.20	1.211	62.9	1.006	0.01	0.392	0.477
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	10mm	Ant 2	DSI 4	40620	2593	22.32	23.20	1.225	62.9	1.006	-0.04	0.512	0.631
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 3	DSI 4	40620	2593	21.22	22.00	1.197	62.9	1.006	0.18	0.205	0.247
	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 3	DSI 4	40620	2593	21.22	22.00	1.197	62.9	1.006	0.01	0.189	0.228
	LTE Band 41	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	DSI 4	40620	2593	21.22	22.00	1.197	62.9	1.006	-0.12	0.465	0.560
	LTE Band 41	20M	QPSK	1	0	-	Top Side	10mm	Ant 3	DSI 4	40620	2593	21.22	22.00	1.197	62.9	1.006	0.15	0.042	0.051
	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 3	DSI 4	40620	2593	21.19	22.00	1.205	62.9	1.006	-0.04	0.211	0.256
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 3	DSI 4	40620	2593	21.19	22.00	1.205	62.9	1.006	0.19	0.192	0.233
	LTE Band 41	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	DSI 4	40620	2593	21.19	22.00	1.205	62.9	1.006	-0.07	0.488	0.592
	LTE Band 38 C	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	DSI 4	37901+38099	2585.1+2604.9	20.95	22.00	1.274	62.9	1.006	0.04	0.417	0.534
	LTE Band 41	20M	QPSK	50	0	-	Top Side	10mm	Ant 3	DSI 4	40620	2593	21.19	22.00	1.205	62.9	1.006	0.14	0.045	0.055
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 4	DSI 4	40620	2593	20.86	21.20	1.081	62.9	1.006	0.02	0.184	0.200
	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 4	DSI 4	40620	2593	20.86	21.20	1.081	62.9	1.006	-0.07	0.234	0.255
	LTE Band 41	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	40620	2593	20.86	21.20	1.081	62.9	1.006	-0.16	0.620	0.675
	LTE Band 41	20M	QPSK	1	0	-	Top Side	10mm	Ant 4	DSI 4	40620	2593	20.86	21.20	1.081	62.9	1.006	-0.1	0.027	0.029
	LTE Band 41	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	39750	2506	20.67	21.20	1.130	62.9	1.006	0.09	0.256	0.291
	LTE Band 41	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	40185	2549.5	20.41	21.20	1.199	62.9	1.006	0.05	0.338	0.408
	LTE Band 41	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	41055	2636.5	20.65	21.20	1.135	62.9	1.006	0.09	0.309	0.353
	LTE Band 41	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	41490	2680	20.76	21.20	1.107	62.9	1.006	-0.16	0.225	0.250
	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 4	DSI 4	40620	2593	20.82	21.20	1.091	62.9	1.006	-0.01	0.197	0.216
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 4	DSI 4	40620	2593	20.82	21.20	1.091	62.9	1.006	-0.15	0.251	0.276
39	LTE Band 41	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	40620	2593	20.82	21.20	1.091	62.9	1.006	-0.16	0.664	0.729
	LTE Band 38 C	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	37901+38099	2585.1+2604.9	20.16	21.20	1.271	62.9	1.006	0.07	0.436	0.557
	LTE Band 41	20M	QPSK	50	0	-	Top Side	10mm	Ant 4	DSI 4	40620	2593	20.82	21.20	1.091	62.9	1.006	-0.17	0.029	0.032
	LTE Band 41	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	39750	2506	20.50	21.20	1.175	62.9	1.006	0.05	0.274	0.324
	LTE Band 41	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	40185	2549.5	20.34	21.20	1.219	62.9	1.006	-0.11	0.362	0.444
	LTE Band 41	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	41055	2636.5	20.52	21.20	1.169	62.9	1.006	0.03	0.331	0.389
	LTE Band 41	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	41490	2680	20.56	21.20	1.159	62.9	1.006	-0.12	0.241	0.281
	LTE Band 41	20M	QPSK	100	0	-	Right Side	10mm	Ant 4	DSI 4	40620	2593	20.76	21.20	1.107	62.9	1.006	0.05	0.603	0.671
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	DSI 4	507000	2535	16.89	18.50	1.449	-	-	-0.14	0.110	0.159
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	507000	2535	16.89	18.50	1.449	-	-	-0.16	0.145	0.210
	FR1 n7	50M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	DSI 4	507000	2535	16.89	18.50	1.449	-	-	-0.07	0.105	0.152
	FR1 n7	50M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 1	DSI 4	507000	2535	16.89	18.50	1.449	-	-	-0.11	0.183	0.265
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 1	DSI 4	507000	2535	16.82	18.50	1.472	-	-	-0.11	0.103	0.152
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 1	DSI 4	507000	2535	16.82	18.50	1.472	-	-	-0.08	0.140	0.206
	FR1 n7	50M	QPSK	135	68	DFT-15	Left Side	10mm	Ant 1	DSI 4	507000	2535	16.82	18.50	1.472	-	-	0.12	0.091	0.134



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	FR1 n7	50M	QPSK	135	68	DFT-15	Top Side	10mm	Ant 1	DSI 4	507000	2535	16.82	18.50	1.472	-	-	-0.16	0.165	0.243
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 2	DSI 4	507000	2535	20.49	21.50	1.262	-	-	0.06	0.218	0.275
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 2	DSI 4	507000	2535	20.49	21.50	1.262	-	-	0.11	0.314	0.396
	FR1 n7	50M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 2	DSI 4	507000	2535	20.49	21.50	1.262	-	-	-0.13	0.114	0.144
	FR1 n7	50M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 2	DSI 4	507000	2535	20.49	21.50	1.262	-	-	0.19	0.454	0.573
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 2	DSI 4	507000	2535	20.48	21.50	1.265	-	-	-0.14	0.234	0.296
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 2	DSI 4	507000	2535	20.48	21.50	1.265	-	-	-0.09	0.342	0.433
	FR1 n7	50M	QPSK	135	68	DFT-15	Left Side	10mm	Ant 2	DSI 4	507000	2535	20.48	21.50	1.265	-	-	-0.11	0.119	0.151
40	FR1 n7	50M	QPSK	135	68	DFT-15	Bottom Side	10mm	Ant 2	DSI 4	507000	2535	20.48	21.50	1.265	-	-	0.06	0.474	0.599
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 3	DSI 4	507000	2535	17.98	19.50	1.419	-	-	0.09	0.141	0.200
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 3	DSI 4	507000	2535	17.98	19.50	1.419	-	-	-0.18	0.125	0.177
	FR1 n7	50M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 3	DSI 4	507000	2535	17.98	19.50	1.419	-	-	0.13	0.311	0.441
	FR1 n7	50M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 3	DSI 4	507000	2535	17.98	19.50	1.419	-	-	0.1	0.026	0.037
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 3	DSI 4	507000	2535	17.95	19.50	1.429	-	-	0.1	0.171	0.244
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 3	DSI 4	507000	2535	17.95	19.50	1.429	-	-	-0.12	0.139	0.199
	FR1 n7	50M	QPSK	135	68	DFT-15	Left Side	10mm	Ant 3	DSI 4	507000	2535	17.95	19.50	1.429	-	-	-0.06	0.323	0.462
	FR1 n7	50M	QPSK	135	68	DFT-15	Top Side	10mm	Ant 3	DSI 4	507000	2535	17.95	19.50	1.429	-	-	0.08	0.030	0.043
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	10mm	Ant 4	DSI 4	507000	2535	18.50	19.50	1.259	-	-	0.09	0.126	0.159
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	10mm	Ant 4	DSI 4	507000	2535	18.50	19.50	1.259	-	-	-0.02	0.183	0.230
	FR1 n7	50M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 4	DSI 4	507000	2535	18.50	19.50	1.259	-	-	-0.01	0.315	0.397
	FR1 n7	50M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 4	DSI 4	507000	2535	18.50	19.50	1.259	-	-	0.01	0.026	0.033
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	10mm	Ant 4	DSI 4	507000	2535	18.47	19.50	1.268	-	-	-0.11	0.162	0.205
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	10mm	Ant 4	DSI 4	507000	2535	18.47	19.50	1.268	-	-	-0.11	0.227	0.288
	FR1 n7	50M	QPSK	135	68	DFT-15	Right Side	10mm	Ant 4	DSI 4	507000	2535	18.47	19.50	1.268	-	-	-0.05	0.331	0.420
	FR1 n7	50M	QPSK	135	68	DFT-15	Top Side	10mm	Ant 4	DSI 4	507000	2535	18.47	19.50	1.268	-	-	0.04	0.028	0.035
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 1	DSI 4	518598	2592.99	17.19	18.50	1.352	-	-	0.14	0.110	0.149
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 1	DSI 4	518598	2592.99	17.19	18.50	1.352	-	-	0.08	0.139	0.188
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 1	DSI 4	518598	2592.99	17.19	18.50	1.352	-	-	-0.08	0.091	0.123
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 1	DSI 4	518598	2592.99	17.19	18.50	1.352	-	-	-0.11	0.198	0.268
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 1	DSI 4	518598	2592.99	17.18	18.50	1.355	-	-	-0.13	0.113	0.153
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 1	DSI 4	518598	2592.99	17.18	18.50	1.355	-	-	-0.14	0.149	0.202
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 1	DSI 4	518598	2592.99	17.18	18.50	1.355	-	-	0.04	0.095	0.129
	FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 1	DSI 4	518598	2592.99	17.18	18.50	1.355	-	-	0.12	0.204	0.276
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 2	DSI 4	518598	2592.99	19.00	20.20	1.318	-	-	-0.03	0.340	0.448
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 2	DSI 4	518598	2592.99	19.00	20.20	1.318	-	-	0.01	0.375	0.494
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 2	DSI 4	518598	2592.99	19.00	20.20	1.318	-	-	0.06	0.068	0.090
41	FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 2	DSI 4	518598	2592.99	19.00	20.20	1.318	-	-	0.03	0.404	0.533
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 2	DSI 4	518598	2592.99	18.87	20.20	1.358	-	-	0.04	0.321	0.436
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 2	DSI 4	518598	2592.99	18.87	20.20	1.358	-	-	0	0.388	0.527
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 2	DSI 4	518598	2592.99	18.87	20.20	1.358	-	-	-0.08	0.048	0.065
	FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 2	DSI 4	518598	2592.99	18.87	20.20	1.358	-	-	0.16	0.385	0.523
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 3	DSI 4	518598	2592.99	17.36	19.00	1.459	-	-	-0.04	0.162	0.236
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 3	DSI 4	518598	2592.99	17.36	19.00	1.459	-	-	-0.11	0.125	0.182
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 3	DSI 4	518598	2592.99	17.36	19.00	1.459	-	-	0.1	0.241	0.352
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 3	DSI 4	518598	2592.99	17.36	19.00	1.459	-	-	0.05	0.032	0.047
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 3	DSI 4	518598	2592.99	17.20	19.00	1.514	-	-	-0.19	0.164	0.248
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 3	DSI 4	518598	2592.99	17.20	19.00	1.514	-	-	-0.18	0.130	0.197
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 3	DSI 4	518598	2592.99	17.20	19.00	1.514	-	-	-0.15	0.246	0.372
	FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 3	DSI 4	518598	2592.99	17.20	19.00	1.514	-	-	-0.1	0.035	0.053
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 4	DSI 4	518598	2592.99	17.13	17.70	1.140	-	-	0.14	0.123	0.140
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 4	DSI 4	518598	2592.99	17.13	17.70	1.140	-	-	-0.09	0.154	0.176
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 4	DSI 4	518598	2592.99	17.13	17.70	1.140	-	-	0.05	0.321	0.366
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 4	DSI 4	518598	2592.99	17.13	17.70	1.140	-	-	-0.09	0.022	0.025
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 4	DSI 4	518598	2592.99	17.09	17.70	1.151	-	-	-0.01	0.135	0.155
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 4	DSI 4	518598	2592.99	17.09	17.70	1.151	-	-	0.1	0.177	0.204
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 4	DSI 4	518598	2592.99	17.09	17.70	1.151	-	-	0.11	0.354	0.407



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Table with columns: FR1 n41, 100M, QPSK, 135, 69, DFT-30, Top Side, 10mm, Ant 4, DSI 4, 518598, 2592.99, 17.09, 17.70, 1.151, -, -, -0.15, 0.028, 0.032. Includes a 3500MHz section and various test parameters.



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FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Left Side	10mm	Ant 7	DSI 4	633332	3499.98	15.34	16.50	1.306	-	-	0.17	0.149	0.195
FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 7	DSI 4	633332	3499.98	15.34	16.50	1.306	-	-	0.16	0.035	0.046
FR1 n77 Part27Q PC2	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 7	DSI 4	633332	3499.98	18.40	19.50	1.288	50	1.000	-0.08	0.520	0.670
FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	DSI 4	633332	3499.98	15.26	16.50	1.330	-	-	-0.05	0.076	0.101
FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	DSI 4	633332	3499.98	15.26	16.50	1.330	-	-	0.01	0.501	0.667
FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	DSI 4	633332	3499.98	15.26	16.50	1.330	-	-	-0.13	0.131	0.174
FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	DSI 4	633332	3499.98	15.26	16.50	1.330	-	-	-0.18	0.031	0.041
FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Front	10mm	Ant 7	DSI 4	656000	3840	15.86	17.00	1.300	-	-	-0.03	0.045	0.059
FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 7	DSI 4	656000	3840	15.86	17.00	1.300	-	-	-0.04	0.145	0.189
FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Left Side	10mm	Ant 7	DSI 4	656000	3840	15.86	17.00	1.300	-	-	-0.09	0.058	0.075
FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 7	DSI 4	656000	3840	15.86	17.00	1.300	-	-	-0.13	0.038	0.049
FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	DSI 4	656000	3840	15.79	17.00	1.321	-	-	-0.16	0.048	0.063
FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	DSI 4	656000	3840	15.79	17.00	1.321	-	-	0.05	0.148	0.196
FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	DSI 4	656000	3840	15.79	17.00	1.321	-	-	-0.02	0.061	0.081
FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	DSI 4	656000	3840	15.79	17.00	1.321	-	-	-0.05	0.041	0.054

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																
	Bluetooth	DH5 1Mbps	Front	10mm	Ant 17	Full	0	2402	16.33	17.50	1.309	76.4	1.309	0.16	0.032	0.055
43	Bluetooth	DH5 1Mbps	Back	10mm	Ant 17	Full	0	2402	16.33	17.50	1.309	76.4	1.309	0.09	0.060	0.102
	Bluetooth	DH5 1Mbps	Left Side	10mm	Ant 17	Full	0	2402	16.33	17.50	1.309	76.4	1.309	-0.16	0.015	0.026
	Bluetooth	DH5 1Mbps	Right Side	10mm	Ant 17	Full	0	2402	16.33	17.50	1.309	76.4	1.309	-0.12	0.038	0.065
	Bluetooth	DH5 1Mbps	Top Side	10mm	Ant 17	Full	0	2402	16.33	17.50	1.309	76.4	1.309	-0.02	0.042	0.072
5000MHz																
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 6+17	Simultaneous	6	2437	20.37	21.00	1.157	100	1.000	-0.02	0.173	0.200
44	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 6+17	Simultaneous	6	2437	20.37	21.00	1.157	100	1.000	0.1	0.329	0.381
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 6+17	Simultaneous	6	2437	20.37	21.00	1.157	100	1.000	0.02	0.131	0.152
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 6+17	Simultaneous	6	2437	20.37	21.00	1.157	100	1.000	-0.04	0.204	0.236
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 6+17	Simultaneous	6	2437	20.37	21.00	1.157	100	1.000	0.07	0.303	0.350
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 17	Simultaneous DBS	6	2437	17.61	18.00	1.094	100	1.000	0.04	0.091	0.100
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 17	Simultaneous DBS	6	2437	17.61	18.00	1.094	100	1.000	0.06	0.277	0.303
	WLAN2.4GHz	802.11b 1Mbps	Left Side	10mm	Ant 17	Simultaneous DBS	6	2437	17.61	18.00	1.094	100	1.000	0.13	0.042	0.046
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 17	Simultaneous DBS	6	2437	17.61	18.00	1.094	100	1.000	0.01	0.063	0.069
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 17	Simultaneous DBS	6	2437	17.61	18.00	1.094	100	1.000	-0.02	0.225	0.246
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5+18	Simultaneous	42	5210	16.56	18.00	1.392	88.14	1.135	0.08	0.114	0.180
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5+18	Simultaneous	42	5210	16.56	18.00	1.392	88.14	1.135	-0.19	0.127	0.201
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5+18	Simultaneous	42	5210	16.56	18.00	1.392	88.14	1.135	0.14	0.173	0.273
45	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 5+18	Simultaneous	42	5210	16.56	18.00	1.392	88.14	1.135	-0.12	0.210	0.332
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 18	Simultaneous DBS	42	5210	13.27	15.00	1.490	88.14	1.135	-0.02	0.073	0.123
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 18	Simultaneous DBS	42	5210	13.27	15.00	1.490	88.14	1.135	0.09	0.106	0.179
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 18	Simultaneous DBS	42	5210	13.27	15.00	1.490	88.14	1.135	0.16	0.109	0.184
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 18	Simultaneous DBS	42	5210	13.27	15.00	1.490	88.14	1.135	-0.1	0.056	0.095
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 5+18	Simultaneous	155	5775	16.02	17.00	1.254	88.14	1.135	-0.11	0.126	0.179
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 5+18	Simultaneous	155	5775	16.02	17.00	1.254	88.14	1.135	0.03	0.180	0.256
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 5+18	Simultaneous	155	5775	16.02	17.00	1.254	88.14	1.135	-0.04	0.277	0.394
46	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 5+18	Simultaneous	155	5775	16.02	17.00	1.254	88.14	1.135	0.13	0.294	0.419
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 18	Simultaneous DBS	155	5775	11.08	12.50	1.387	88.14	1.135	0.1	0.055	0.087
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 18	Simultaneous DBS	155	5775	11.08	12.50	1.387	88.14	1.135	-0.02	0.064	0.101
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 18	Simultaneous DBS	155	5775	11.08	12.50	1.387	88.14	1.135	-0.17	0.150	0.236
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 18	Simultaneous DBS	155	5775	11.08	12.50	1.387	88.14	1.135	0.05	0.043	0.068



<Inter CA&ENDC>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
	LTE Band 12	10M	QPSK	1	0	-	Front	10mm	Ant 0	DSI 4	23095	707.5	24.67	25.50	1.211	-	-	-0.17	0.285	0.345
	LTE Band 12	10M	QPSK	1	0	-	Back	10mm	Ant 0	DSI 4	23095	707.5	24.67	25.50	1.211	-	-	-0.11	0.274	0.332
	LTE Band 12	10M	QPSK	1	0	-	Right Side	10mm	Ant 0	DSI 4	23095	707.5	24.67	25.50	1.211	-	-	-0.04	0.168	0.203
	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI 4	23095	707.5	24.67	25.50	1.211	-	-	0.18	0.132	0.160
	LTE Band 12	10M	QPSK	25	0	-	Front	10mm	Ant 0	DSI 4	23095	707.5	23.61	24.50	1.227	-	-	0.09	0.268	0.329
	LTE Band 12	10M	QPSK	25	0	-	Back	10mm	Ant 0	DSI 4	23095	707.5	23.61	24.50	1.227	-	-	0.03	0.255	0.313
	LTE Band 12	10M	QPSK	25	0	-	Right Side	10mm	Ant 0	DSI 4	23095	707.5	23.61	24.50	1.227	-	-	0.07	0.161	0.198
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	10mm	Ant 0	DSI 4	23095	707.5	23.61	24.50	1.227	-	-	0.07	0.120	0.147
	LTE Band 12	10M	QPSK	1	0	-	Front	10mm	Ant 1	DSI 4	23095	707.5	22.35	24.00	1.462	-	-	0.12	0.068	0.099
	LTE Band 12	10M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	23095	707.5	22.35	24.00	1.462	-	-	0.05	0.103	0.151
	LTE Band 12	10M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI 4	23095	707.5	22.35	24.00	1.462	-	-	0.07	0.132	0.193
	LTE Band 12	10M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	23095	707.5	22.35	24.00	1.462	-	-	0.06	0.077	0.113
	LTE Band 12	10M	QPSK	25	0	-	Front	10mm	Ant 1	DSI 4	23095	707.5	22.31	24.00	1.476	-	-	0.16	0.052	0.077
	LTE Band 12	10M	QPSK	25	0	-	Back	10mm	Ant 1	DSI 4	23095	707.5	22.31	24.00	1.476	-	-	0.12	0.081	0.120
	LTE Band 12	10M	QPSK	25	0	-	Left Side	10mm	Ant 1	DSI 4	23095	707.5	22.31	24.00	1.476	-	-	0.09	0.113	0.167
	LTE Band 12	10M	QPSK	25	0	-	Top Side	10mm	Ant 1	DSI 4	23095	707.5	22.31	24.00	1.476	-	-	0.13	0.059	0.087
835MHz																				
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Front	10mm	Ant 0	DSI 4	26865	831.5	24.16	25.00	1.213	-	-	0.05	0.502	0.609
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Back	10mm	Ant 0	DSI 4	26865	831.5	24.16	25.00	1.213	-	-	0.13	0.389	0.472
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Right Side	10mm	Ant 0	DSI 4	26865	831.5	24.16	25.00	1.213	-	-	0.09	0.166	0.201
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Bottom Side	10mm	Ant 0	DSI 4	26865	831.5	24.16	25.00	1.213	-	-	0.04	0.220	0.267
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Front	10mm	Ant 0	DSI 4	26865	831.5	23.66	24.50	1.213	-	-	-0.04	0.412	0.500
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Back	10mm	Ant 0	DSI 4	26865	831.5	23.66	24.50	1.213	-	-	-0.04	0.345	0.419
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Right Side	10mm	Ant 0	DSI 4	26865	831.5	23.66	24.50	1.213	-	-	0.15	0.146	0.177
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Bottom Side	10mm	Ant 0	DSI 4	26865	831.5	23.66	24.50	1.213	-	-	-0.09	0.192	0.233
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Front	10mm	Ant 1	DSI 4	26865	831.5	19.96	21.50	1.426	-	-	0.05	0.085	0.121
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	26865	831.5	19.96	21.50	1.426	-	-	-0.19	0.125	0.178
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI 4	26865	831.5	19.96	21.50	1.426	-	-	-0.14	0.069	0.098
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	26865	831.5	19.96	21.50	1.426	-	-	-0.18	0.093	0.133
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Front	10mm	Ant 1	DSI 4	26865	831.5	19.86	21.50	1.459	-	-	-0.1	0.083	0.121
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Back	10mm	Ant 1	DSI 4	26865	831.5	19.86	21.50	1.459	-	-	0.16	0.123	0.179
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Left Side	10mm	Ant 1	DSI 4	26865	831.5	19.86	21.50	1.459	-	-	-0.12	0.072	0.105
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Top Side	10mm	Ant 1	DSI 4	26865	831.5	19.86	21.50	1.459	-	-	0.18	0.091	0.133
1750MHz																				
	FR1 n5_Other PA	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 0	DSI 4	167300	836.5	23.25	24.50	1.334	-	-	-0.01	0.397	0.529
	FR1 n5_Other PA	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 0	DSI 4	167300	836.5	23.25	24.50	1.334	-	-	0.03	0.321	0.428
	FR1 n5_Other PA	20M	QPSK	1	1	DFT-15	Right Side	10mm	Ant 0	DSI 4	167300	836.5	23.25	24.50	1.334	-	-	-0.14	0.117	0.156
	FR1 n5_Other PA	20M	QPSK	1	1	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	167300	836.5	23.25	24.50	1.334	-	-	0.03	0.165	0.220
	FR1 n5_Other PA	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 0	DSI 4	167300	836.5	23.20	24.50	1.349	-	-	-0.02	0.414	0.558
	FR1 n5_Other PA	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 0	DSI 4	167300	836.5	23.20	24.50	1.349	-	-	-0.01	0.328	0.442
	FR1 n5_Other PA	20M	QPSK	50	28	DFT-15	Right Side	10mm	Ant 0	DSI 4	167300	836.5	23.20	24.50	1.349	-	-	0.03	0.123	0.166
	FR1 n5_Other PA	20M	QPSK	50	28	DFT-15	Bottom Side	10mm	Ant 0	DSI 4	167300	836.5	23.20	24.50	1.349	-	-	-0.19	0.186	0.251
	FR1 n5_Other PA	20M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	DSI 4	167300	836.5	20.71	22.50	1.510	-	-	-0.07	0.041	0.062
	FR1 n5_Other PA	20M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	167300	836.5	20.71	22.50	1.510	-	-	-0.07	0.056	0.085
	FR1 n5_Other PA	20M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	DSI 4	167300	836.5	20.71	22.50	1.510	-	-	-0.15	0.038	0.057
	FR1 n5_Other PA	20M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 1	DSI 4	167300	836.5	20.71	22.50	1.510	-	-	-0.01	0.050	0.076
	FR1 n5_Other PA	20M	QPSK	50	28	DFT-15	Front	10mm	Ant 1	DSI 4	167300	836.5	20.69	22.50	1.517	-	-	-0.16	0.047	0.071
	FR1 n5_Other PA	20M	QPSK	50	28	DFT-15	Back	10mm	Ant 1	DSI 4	167300	836.5	20.69	22.50	1.517	-	-	0.13	0.074	0.112
	FR1 n5_Other PA	20M	QPSK	50	28	DFT-15	Left Side	10mm	Ant 1	DSI 4	167300	836.5	20.69	22.50	1.517	-	-	0.14	0.046	0.070
	FR1 n5_Other PA	20M	QPSK	50	28	DFT-15	Top Side	10mm	Ant 1	DSI 4	167300	836.5	20.69	22.50	1.517	-	-	-0.18	0.060	0.091
1750MHz																				
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI 4	20175	1732.5	14.53	15.50	1.250	-	-	-0.18	0.069	0.086



LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	20175	1732.5	14.53	15.50	1.250	-	-	-0.06	0.090	0.113
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI 4	20175	1732.5	14.53	15.50	1.250	-	-	-0.11	0.064	0.080
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	20175	1732.5	14.53	15.50	1.250	-	-	0.19	0.136	0.170
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI 4	20175	1732.5	14.47	15.50	1.268	-	-	0.05	0.070	0.089
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI 4	20175	1732.5	14.47	15.50	1.268	-	-	-0.03	0.091	0.115
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI 4	20175	1732.5	14.47	15.50	1.268	-	-	0.02	0.064	0.081
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI 4	20175	1732.5	14.47	15.50	1.268	-	-	-0.07	0.140	0.177
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Front	10mm	Ant 2	DSI 4	20175	1732.5	17.58	18.50	1.236	-	-	-0.13	0.126	0.156
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	10mm	Ant 2	DSI 4	20175	1732.5	17.58	18.50	1.236	-	-	0.05	0.243	0.300
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	DSI 4	20175	1732.5	17.58	18.50	1.236	-	-	-0.16	0.011	0.014
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	20175	1732.5	17.58	18.50	1.236	-	-	0.04	0.231	0.286
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Front	10mm	Ant 2	DSI 4	20175	1732.5	17.52	18.50	1.253	-	-	0.18	0.127	0.159
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	10mm	Ant 2	DSI 4	20175	1732.5	17.52	18.50	1.253	-	-	-0.15	0.255	0.320
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Left Side	10mm	Ant 2	DSI 4	20175	1732.5	17.52	18.50	1.253	-	-	0.01	0.015	0.019
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	20175	1732.5	17.52	18.50	1.253	-	-	0.01	0.352	0.441
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Front	10mm	Ant 3	DSI 4	20175	1732.5	19.50	21.00	1.413	-	-	-0.18	0.107	0.151
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	10mm	Ant 3	DSI 4	20175	1732.5	19.50	21.00	1.413	-	-	0.05	0.097	0.137
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	DSI 4	20175	1732.5	19.50	21.00	1.413	-	-	-0.11	0.223	0.315
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Top Side	10mm	Ant 3	DSI 4	20175	1732.5	19.50	21.00	1.413	-	-	0.04	0.017	0.024
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Front	10mm	Ant 3	DSI 4	20175	1732.5	19.45	21.00	1.429	-	-	0.18	0.127	0.181
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	10mm	Ant 3	DSI 4	20175	1732.5	19.45	21.00	1.429	-	-	0.03	0.106	0.151
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	DSI 4	20175	1732.5	19.45	21.00	1.429	-	-	0.05	0.238	0.340
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Top Side	10mm	Ant 3	DSI 4	20175	1732.5	19.45	21.00	1.429	-	-	0.13	0.021	0.030
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Front	10mm	Ant 4	DSI 4	20175	1732.5	23.41	24.00	1.146	-	-	0.01	0.020	0.023
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	10mm	Ant 4	DSI 4	20175	1732.5	23.41	24.00	1.146	-	-	0.1	0.025	0.029
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	20175	1732.5	23.41	24.00	1.146	-	-	-0.11	0.047	0.054
LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Top Side	10mm	Ant 4	DSI 4	20175	1732.5	23.41	24.00	1.146	-	-	0.18	0.011	0.013
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Front	10mm	Ant 4	DSI 4	20175	1732.5	22.38	23.00	1.153	-	-	-0.07	0.018	0.021
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	10mm	Ant 4	DSI 4	20175	1732.5	22.38	23.00	1.153	-	-	0.15	0.020	0.023
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	20175	1732.5	22.38	23.00	1.153	-	-	0.11	0.046	0.053
LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Top Side	10mm	Ant 4	DSI 4	20175	1732.5	22.38	23.00	1.153	-	-	-0.06	0.008	0.009
LTE Band 66_Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI 4	132322	1745	14.47	15.50	1.268	-	-	0.08	0.071	0.090
LTE Band 66_Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	132322	1745	14.47	15.50	1.268	-	-	0.06	0.085	0.108
LTE Band 66_Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI 4	132322	1745	14.47	15.50	1.268	-	-	0.18	0.068	0.086
LTE Band 66_Other PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	132322	1745	14.47	15.50	1.268	-	-	-0.01	0.120	0.152
LTE Band 66_Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI 4	132322	1745	14.39	15.50	1.291	-	-	0.1	0.071	0.092
LTE Band 66_Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI 4	132322	1745	14.39	15.50	1.291	-	-	-0.01	0.091	0.118
LTE Band 66_Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI 4	132322	1745	14.39	15.50	1.291	-	-	-0.06	0.068	0.088
LTE Band 66_Other PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI 4	132322	1745	14.39	15.50	1.291	-	-	0.06	0.137	0.177
LTE Band 66_Main PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI 4	132322	1745	12.49	14.00	1.416	-	-	0.16	0.076	0.108
LTE Band 66_Other PA	20M	QPSK	1	0	-	Front	10mm	Ant 3	DSI 4	132322	1745	18.54	20.00	1.400	-	-	-0.18	0.105	0.147
LTE Band 66_Other PA	20M	QPSK	1	0	-	Back	10mm	Ant 3	DSI 4	132322	1745	18.54	20.00	1.400	-	-	0.16	0.089	0.125
LTE Band 66_Other PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	DSI 4	132322	1745	18.54	20.00	1.400	-	-	0.14	0.210	0.294
LTE Band 66_Main PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	DSI 4	132322	1745	16.57	18.00	1.390	-	-	0	0.167	0.232
LTE Band 66_Other PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 3	DSI 4	132322	1745	18.54	20.00	1.400	-	-	0.07	0.000	0.000
LTE Band 66_Other PA	20M	QPSK	50	0	-	Front	10mm	Ant 3	DSI 4	132322	1745	18.50	20.00	1.413	-	-	0.15	0.114	0.161
LTE Band 66_Other PA	20M	QPSK	50	0	-	Back	10mm	Ant 3	DSI 4	132322	1745	18.50	20.00	1.413	-	-	0.01	0.098	0.138
LTE Band 66_Other PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	DSI 4	132322	1745	18.50	20.00	1.413	-	-	-0.09	0.196	0.277
LTE Band 66_Other PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 3	DSI 4	132322	1745	18.50	20.00	1.413	-	-	0.06	0.000	0.000
FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Front	10mm	Ant 1	DSI 4	349000	1745	14.50	15.50	1.259	-	-	0.08	0.071	0.089
FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Back	10mm	Ant 1	DSI 4	349000	1745	14.50	15.50	1.259	-	-	0.01	0.090	0.113
FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Left Side	10mm	Ant 1	DSI 4	349000	1745	14.50	15.50	1.259	-	-	0.03	0.066	0.083
FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 1	DSI 4	349000	1745	14.50	15.50	1.259	-	-	0.1	0.129	0.162
FR1 n66_Main PA	40M	QPSK	1	1	DFT-15	Top Side	10mm	Ant 1	DSI 4	349000	1745	12.52	14.00	1.406	-	-	0.09	0.109	0.153
FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Front	10mm	Ant 1	DSI 4	349000	1745	14.47	15.50	1.268	-	-	-0.13	0.071	0.090
FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Back	10mm	Ant 1	DSI 4	349000	1745	14.47	15.50	1.268	-	-	-0.03	0.092	0.117



Table with columns for device model, power, modulation, frequency, polarization, distance, antenna, and SAR values. Includes sections for FR1 n66 and LTE Band 66.

1900MHz



LTE Band 2_Main PA	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	18900	1880	19.02	20.00	1.253	-	-	-0.03	0.316	0.396	
LTE Band 2_Main PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 4	DSI 4	18900	1880	19.02	20.00	1.253	-	-	-0.16	0.010	0.013	
LTE Band 2_Main PA	20M	QPSK	50	0	-	Front	10mm	Ant 4	DSI 4	18900	1880	18.95	20.00	1.274	-	-	-0.13	0.116	0.148	
LTE Band 2_Main PA	20M	QPSK	50	0	-	Back	10mm	Ant 4	DSI 4	18900	1880	18.95	20.00	1.274	-	-	0.09	0.155	0.197	
LTE Band 2_Main PA	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	18900	1880	18.95	20.00	1.274	-	-	-0.11	0.307	0.391	
LTE Band 2_Main PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 4	DSI 4	18900	1880	18.95	20.00	1.274	-	-	-0.08	0.009	0.011	
2600MHz																				
LTE Band 7_Main PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI 4	21100	2535	14.85	16.00	1.303	-	-	-0.17	0.057	0.074	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	21100	2535	14.85	16.00	1.303	-	-	0.04	0.083	0.108	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI 4	21100	2535	14.85	16.00	1.303	-	-	0.01	0.055	0.072	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	21100	2535	14.85	16.00	1.303	-	-	-0.09	0.091	0.119	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI 4	21100	2535	14.80	16.00	1.318	-	-	-0.06	0.055	0.073	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI 4	21100	2535	14.80	16.00	1.318	-	-	0.06	0.085	0.112	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI 4	21100	2535	14.80	16.00	1.318	-	-	-0.06	0.045	0.059	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI 4	21100	2535	14.80	16.00	1.318	-	-	0.15	0.073	0.096	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Front	10mm	Ant 2	DSI 4	21100	2535	17.35	18.50	1.303	-	-	-0.09	0.133	0.173	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	10mm	Ant 2	DSI 4	21100	2535	17.35	18.50	1.303	-	-	0.13	0.206	0.268	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	DSI 4	21100	2535	17.35	18.50	1.303	-	-	0.19	0.063	0.082	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	21100	2535	17.35	18.50	1.303	-	-	0.07	0.347	0.452	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Front	10mm	Ant 2	DSI 4	21100	2535	17.27	18.50	1.327	-	-	0.02	0.128	0.170	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	10mm	Ant 2	DSI 4	21100	2535	17.27	18.50	1.327	-	-	0.14	0.196	0.260	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 2	DSI 4	21100	2535	17.27	18.50	1.327	-	-	0.01	0.060	0.080	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	21100	2535	17.27	18.50	1.327	-	-	0.08	0.299	0.397	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Front	10mm	Ant 3	DSI 4	21100	2535	16.47	17.50	1.268	-	-	-0.14	0.129	0.164	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	10mm	Ant 3	DSI 4	21100	2535	16.47	17.50	1.268	-	-	-0.01	0.120	0.152	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	DSI 4	21100	2535	16.47	17.50	1.268	-	-	-0.11	0.253	0.321	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 3	DSI 4	21100	2535	16.47	17.50	1.268	-	-	0.06	0.020	0.025	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Front	10mm	Ant 3	DSI 4	21100	2535	16.38	17.50	1.294	-	-	0.17	0.125	0.162	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	10mm	Ant 3	DSI 4	21100	2535	16.38	17.50	1.294	-	-	0.16	0.114	0.148	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	DSI 4	21100	2535	16.38	17.50	1.294	-	-	0.07	0.207	0.268	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 3	DSI 4	21100	2535	16.38	17.50	1.294	-	-	-0.17	0.014	0.018	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Front	10mm	Ant 4	DSI 4	21100	2535	16.64	17.50	1.219	-	-	-0.09	0.119	0.145	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	10mm	Ant 4	DSI 4	21100	2535	16.64	17.50	1.219	-	-	0.19	0.153	0.187	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Right Side	10mm	Ant 4	DSI 4	21100	2535	16.64	17.50	1.219	-	-	0.17	0.312	0.380	
LTE Band 7_Main PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 4	DSI 4	21100	2535	16.64	17.50	1.219	-	-	0.02	0.013	0.016	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Front	10mm	Ant 4	DSI 4	21100	2535	16.50	17.50	1.259	-	-	-0.1	0.107	0.135	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	10mm	Ant 4	DSI 4	21100	2535	16.50	17.50	1.259	-	-	-0.08	0.143	0.180	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Right Side	10mm	Ant 4	DSI 4	21100	2535	16.50	17.50	1.259	-	-	0.11	0.216	0.272	
LTE Band 7_Main PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 4	DSI 4	21100	2535	16.50	17.50	1.259	-	-	-0.13	0.009	0.011	
LTE Band 41_Main PA	20M	QPSK	1	0	-	Front	10mm	Ant 1	DSI 4	40620	2593	17.13	18.00	1.222	62.9	1.006	0.17	0.086	0.106	
LTE Band 41_Main PA	20M	QPSK	1	0	-	Back	10mm	Ant 1	DSI 4	40620	2593	17.13	18.00	1.222	62.9	1.006	-0.01	0.118	0.145	
LTE Band 41_Main PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 1	DSI 4	40620	2593	17.13	18.00	1.222	62.9	1.006	0.09	0.059	0.073	
LTE Band 41_Main PA	20M	QPSK	1	0	-	Top Side	10mm	Ant 1	DSI 4	40620	2593	17.13	18.00	1.222	62.9	1.006	0.1	0.125	0.154	
LTE Band 41_Main PA	20M	QPSK	50	0	-	Front	10mm	Ant 1	DSI 4	40620	2593	17.06	18.00	1.242	62.9	1.006	-0.11	0.085	0.106	
LTE Band 41_Main PA	20M	QPSK	50	0	-	Back	10mm	Ant 1	DSI 4	40620	2593	17.06	18.00	1.242	62.9	1.006	0.11	0.119	0.149	
LTE Band 41_Main PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 1	DSI 4	40620	2593	17.06	18.00	1.242	62.9	1.006	0.14	0.060	0.075	
LTE Band 41_Main PA	20M	QPSK	50	0	-	Top Side	10mm	Ant 1	DSI 4	40620	2593	17.06	18.00	1.242	62.9	1.006	-0.1	0.124	0.155	
LTE Band 41_Main PA	20M	QPSK	1	0	-	Front	10mm	Ant 2	DSI 4	40620	2593	21.32	22.20	1.225	62.9	1.006	0.14	0.221	0.272	
LTE Band 41_Main PA	20M	QPSK	1	0	-	Back	10mm	Ant 2	DSI 4	40620	2593	21.32	22.20	1.225	62.9	1.006	0.13	0.355	0.437	
LTE Band 41_Main PA	20M	QPSK	1	0	-	Left Side	10mm	Ant 2	DSI 4	40620	2593	21.32	22.20	1.225	62.9	1.006	0.07	0.040	0.049	
LTE Band 41_Main PA	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 2	DSI 4	40620	2593	21.32	22.20	1.225	62.9	1.006	0.03	0.405	0.499	
LTE Band 41_Main PA	20M	QPSK	50	0	-	Front	10mm	Ant 2	DSI 4	40620	2593	21.28	22.20	1.236	62.9	1.006	0.17	0.235	0.292	
LTE Band 41_Main PA	20M	QPSK	50	0	-	Back	10mm	Ant 2	DSI 4	40620	2593	21.28	22.20	1.236	62.9	1.006	-0.01	0.361	0.449	
LTE Band 41_Main PA	20M	QPSK	50	0	-	Left Side	10mm	Ant 2	DSI 4	40620	2593	21.28	22.20	1.236	62.9	1.006	-0.11	0.043	0.053	
LTE Band 41_Main PA	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 2	DSI 4	40620	2593	21.28	22.20	1.236	62.9	1.006	0.1	0.446	0.555	
LTE Band 41_Main PA	20M	QPSK	1	0	-	Front	10mm	Ant 3	DSI 4	40620	2593	19.33	20.00	1.167	62.9	1.006	0.18	0.129	0.151	



Table with columns for Band, Modulation, Power, Frequency, etc. Rows include LTE Band 41 and FR1 n7/n41 Main PA configurations.



FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 2	DSI 4	518598	2592.99	16.61	17.70	1.285	-	-	-0.07	0.211	0.271	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 2	DSI 4	518598	2592.99	16.61	17.70	1.285	-	-	0.03	0.038	0.049	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Bottom Side	10mm	Ant 2	DSI 4	518598	2592.99	16.61	17.70	1.285	-	-	-0.09	0.227	0.292	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 2	DSI 4	518598	2592.99	16.56	17.70	1.300	-	-	-0.18	0.181	0.235	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 2	DSI 4	518598	2592.99	16.56	17.70	1.300	-	-	0.05	0.218	0.283	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 2	DSI 4	518598	2592.99	16.56	17.70	1.300	-	-	0.03	0.027	0.035	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Bottom Side	10mm	Ant 2	DSI 4	518598	2592.99	16.56	17.70	1.300	-	-	0.07	0.217	0.282	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 3	DSI 4	518598	2592.99	14.33	16.00	1.469	-	-	-0.15	0.081	0.119	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 3	DSI 4	518598	2592.99	14.33	16.00	1.469	-	-	0.14	0.063	0.093	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Left Side	10mm	Ant 3	DSI 4	518598	2592.99	14.33	16.00	1.469	-	-	0.15	0.121	0.178	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 3	DSI 4	518598	2592.99	14.33	16.00	1.469	-	-	-0.01	0.016	0.024	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 3	DSI 4	518598	2592.99	14.29	16.00	1.483	-	-	-0.17	0.082	0.122	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 3	DSI 4	518598	2592.99	14.29	16.00	1.483	-	-	0.06	0.065	0.096	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 3	DSI 4	518598	2592.99	14.29	16.00	1.483	-	-	-0.03	0.123	0.182	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 3	DSI 4	518598	2592.99	14.29	16.00	1.483	-	-	0.15	0.018	0.027	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Front	10mm	Ant 4	DSI 4	518598	2592.99	14.50	15.20	1.175	-	-	-0.01	0.069	0.081	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	10mm	Ant 4	DSI 4	518598	2592.99	14.50	15.20	1.175	-	-	-0.05	0.087	0.102	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Right Side	10mm	Ant 4	DSI 4	518598	2592.99	14.50	15.20	1.175	-	-	-0.11	0.181	0.213	
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Top Side	10mm	Ant 4	DSI 4	518598	2592.99	14.50	15.20	1.175	-	-	0.05	0.012	0.014	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 4	DSI 4	518598	2592.99	14.46	15.20	1.186	-	-	-0.09	0.076	0.090	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 4	DSI 4	518598	2592.99	14.46	15.20	1.186	-	-	-0.15	0.100	0.119	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 4	DSI 4	518598	2592.99	14.46	15.20	1.186	-	-	-0.18	0.199	0.236	
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 4	DSI 4	518598	2592.99	14.46	15.20	1.186	-	-	0.05	0.016	0.019	
3500MHz																				
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Front	10mm	Ant 1	DSI 4	633332	3499.98	15.12	16.50	1.374	-	-	0.03	0.031	0.043	
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 1	DSI 4	633332	3499.98	15.12	16.50	1.374	-	-	0.01	0.082	0.113	
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Left Side	10mm	Ant 1	DSI 4	633332	3499.98	15.12	16.50	1.374	-	-	0.12	0.038	0.052	
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 1	DSI 4	633332	3499.98	15.12	16.50	1.374	-	-	-0.19	0.101	0.139	
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 1	DSI 4	633332	3499.98	15.09	16.50	1.384	-	-	0	0.033	0.046	
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 1	DSI 4	633332	3499.98	15.09	16.50	1.384	-	-	-0.12	0.081	0.112	
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 1	DSI 4	633332	3499.98	15.09	16.50	1.384	-	-	-0.15	0.039	0.054	
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 1	DSI 4	633332	3499.98	15.09	16.50	1.384	-	-	-0.19	0.102	0.141	
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Front	10mm	Ant 1	DSI 4	656000	3840	15.66	17.00	1.361	-	-	0.12	0.060	0.082	
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 1	DSI 4	656000	3840	15.66	17.00	1.361	-	-	-0.18	0.139	0.189	
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Left Side	10mm	Ant 1	DSI 4	656000	3840	15.66	17.00	1.361	-	-	0.13	0.057	0.078	
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 1	DSI 4	656000	3840	15.66	17.00	1.361	-	-	-0.04	0.202	0.275	
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 1	DSI 4	656000	3840	15.63	17.00	1.371	-	-	-0.16	0.064	0.088	
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 1	DSI 4	656000	3840	15.63	17.00	1.371	-	-	-0.16	0.157	0.215	
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 1	DSI 4	656000	3840	15.63	17.00	1.371	-	-	0.1	0.067	0.092	
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 1	DSI 4	656000	3840	15.63	17.00	1.371	-	-	-0.02	0.208	0.285	
FR1 n77_Main PA Part27O PC2	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 1	DSI 4	656000	3840	18.66	20.00	1.361	50	1.000	0.07	0.201	0.274	
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Front	10mm	Ant 5	DSI 4	633332	3499.98	16.20	16.50	1.072	-	-	0.16	0.072	0.077	
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 5	DSI 4	633332	3499.98	16.20	16.50	1.072	-	-	0.11	0.095	0.102	
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Right Side	10mm	Ant 5	DSI 4	633332	3499.98	16.20	16.50	1.072	-	-	0.19	0.047	0.050	
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 5	DSI 4	633332	3499.98	16.20	16.50	1.072	-	-	0	0.177	0.190	
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 5	DSI 4	633332	3499.98	16.13	16.50	1.089	-	-	0.05	0.079	0.086	
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 5	DSI 4	633332	3499.98	16.13	16.50	1.089	-	-	-0.13	0.098	0.107	
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 5	DSI 4	633332	3499.98	16.13	16.50	1.089	-	-	-0.16	0.050	0.054	
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 5	DSI 4	633332	3499.98	16.13	16.50	1.089	-	-	0.14	0.236	0.257	
FR1 n77_Main PA Part27Q PC2	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 5	DSI 4	633332	3499.98	19.12	19.50	1.091	50	1.000	0.07	0.240	0.262	
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Front	10mm	Ant 5	DSI 4	656000	3840	16.21	16.50	1.069	-	-	0.1	0.055	0.059	
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 5	DSI 4	656000	3840	16.21	16.50	1.069	-	-	-0.09	0.058	0.062	
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Right Side	10mm	Ant 5	DSI 4	656000	3840	16.21	16.50	1.069	-	-	0.04	0.045	0.048	
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 5	DSI 4	656000	3840	16.21	16.50	1.069	-	-	-0.04	0.137	0.146	
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 5	DSI 4	656000	3840	16.10	16.50	1.096	-	-	0.07	0.062	0.068	
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 5	DSI 4	656000	3840	16.10	16.50	1.096	-	-	0.13	0.064	0.070	



FCC SAR Test Report

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FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 5	DSI 4	656000	3840	16.10	16.50	1.096	-	-	0.08	0.047	0.052
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 5	DSI 4	656000	3840	16.10	16.50	1.096	-	-	-0.11	0.146	0.160
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	13.85	15.00	1.303	-	-	-0.01	0.078	0.102
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	13.85	15.00	1.303	-	-	0.05	0.071	0.093
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Right Side	10mm	Ant 6	DSI 4	633332	3499.98	13.85	15.00	1.303	-	-	0.09	0.153	0.199
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 6	DSI 4	633332	3499.98	13.85	15.00	1.303	-	-	0	0.023	0.030
FR1 n77_Main PA Part27Q PC2	100M	QPSK	1	137	DFT-30	Right Side	10mm	Ant 6	DSI 4	633332	3499.98	16.79	18.00	1.321	50	1.000	0.11	0.144	0.190
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	633332	3499.98	13.84	15.00	1.306	-	-	0.06	0.074	0.097
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	633332	3499.98	13.84	15.00	1.306	-	-	0.1	0.066	0.086
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 6	DSI 4	633332	3499.98	13.84	15.00	1.306	-	-	0.04	0.146	0.191
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 6	DSI 4	633332	3499.98	13.84	15.00	1.306	-	-	-0.15	0.019	0.025
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Front	10mm	Ant 6	DSI 4	656000	3840	14.43	16.00	1.435	-	-	0	0.050	0.072
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 6	DSI 4	656000	3840	14.43	16.00	1.435	-	-	-0.19	0.047	0.067
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Right Side	10mm	Ant 6	DSI 4	656000	3840	14.43	16.00	1.435	-	-	-0.12	0.097	0.139
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 6	DSI 4	656000	3840	14.43	16.00	1.435	-	-	0.13	0.018	0.026
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 6	DSI 4	656000	3840	14.37	16.00	1.455	-	-	0	0.048	0.070
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 6	DSI 4	656000	3840	14.37	16.00	1.455	-	-	-0.03	0.045	0.065
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Right Side	10mm	Ant 6	DSI 4	656000	3840	14.37	16.00	1.455	-	-	0.14	0.088	0.128
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 6	DSI 4	656000	3840	14.37	16.00	1.455	-	-	-0.17	0.015	0.022
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Front	10mm	Ant 7	DSI 4	633332	3499.98	14.28	15.50	1.324	-	-	0.19	0.064	0.085
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 7	DSI 4	633332	3499.98	14.28	15.50	1.324	-	-	-0.02	0.416	0.551
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Left Side	10mm	Ant 7	DSI 4	633332	3499.98	14.28	15.50	1.324	-	-	-0.01	0.118	0.156
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 7	DSI 4	633332	3499.98	14.28	15.50	1.324	-	-	0.19	0.028	0.037
FR1 n77_Main PA Part27Q PC2	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 7	DSI 4	633332	3499.98	17.35	18.50	1.303	50	1.000	-0.11	0.417	0.543
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	DSI 4	633332	3499.98	14.22	15.50	1.343	-	-	0.19	0.060	0.081
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	DSI 4	633332	3499.98	14.22	15.50	1.343	-	-	-0.19	0.398	0.534
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	DSI 4	633332	3499.98	14.22	15.50	1.343	-	-	0.03	0.104	0.140
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	DSI 4	633332	3499.98	14.22	15.50	1.343	-	-	0.16	0.025	0.034
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Front	10mm	Ant 7	DSI 4	656000	3840	14.74	16.00	1.337	-	-	-0.02	0.036	0.048
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Back	10mm	Ant 7	DSI 4	656000	3840	14.74	16.00	1.337	-	-	-0.07	0.115	0.154
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Left Side	10mm	Ant 7	DSI 4	656000	3840	14.74	16.00	1.337	-	-	-0.13	0.046	0.061
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Top Side	10mm	Ant 7	DSI 4	656000	3840	14.74	16.00	1.337	-	-	0.03	0.030	0.040
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Front	10mm	Ant 7	DSI 4	656000	3840	14.64	16.00	1.368	-	-	0.12	0.038	0.052
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Back	10mm	Ant 7	DSI 4	656000	3840	14.64	16.00	1.368	-	-	0.03	0.118	0.161
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Left Side	10mm	Ant 7	DSI 4	656000	3840	14.64	16.00	1.368	-	-	-0.16	0.048	0.066
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Top Side	10mm	Ant 7	DSI 4	656000	3840	14.64	16.00	1.368	-	-	-0.14	0.033	0.045



15.3 Body Worn Accessory SAR

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
47	LTE Band 12	10M	QPSK	1	0	-	Front	15mm	Ant 0	DSI 1	23095	707.5	24.67	25.50	1.211	-	-	0.04	0.168	0.203
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 1	23095	707.5	24.67	25.50	1.211	-	-	-0.18	0.164	0.199
	LTE Band 12	10M	QPSK	25	0	-	Front	15mm	Ant 0	DSI 1	23095	707.5	23.61	24.50	1.227	-	-	-0.09	0.160	0.196
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 0	DSI 1	23095	707.5	23.61	24.50	1.227	-	-	0.08	0.155	0.190
	LTE Band 12	10M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	23095	707.5	23.88	25.50	1.452	-	-	0.19	0.065	0.094
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	23095	707.5	23.88	25.50	1.452	-	-	0.08	0.069	0.100
	LTE Band 12	10M	QPSK	25	0	-	Front	15mm	Ant 1	DSI 3	23095	707.5	22.84	24.50	1.466	-	-	-0.13	0.058	0.085
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 1	DSI 3	23095	707.5	22.84	24.50	1.466	-	-	0.03	0.061	0.089
48	LTE Band 13	10M	QPSK	1	0	-	Front	15mm	Ant 0	DSI 1	23230	782	24.58	25.50	1.236	-	-	0.15	0.263	0.325
	LTE Band 13	10M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 1	23230	782	24.58	25.50	1.236	-	-	0.08	0.227	0.281
	LTE Band 13	10M	QPSK	25	0	-	Front	15mm	Ant 0	DSI 1	23230	782	23.62	24.50	1.225	-	-	-0.18	0.184	0.225
	LTE Band 13	10M	QPSK	25	0	-	Back	15mm	Ant 0	DSI 1	23230	782	23.62	24.50	1.225	-	-	-0.08	0.180	0.220
	LTE Band 13	10M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	23230	782	23.67	25.50	1.524	-	-	0.09	0.127	0.194
	LTE Band 13	10M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	23230	782	23.67	25.50	1.524	-	-	0.03	0.165	0.251
	LTE Band 13	10M	QPSK	25	0	-	Front	15mm	Ant 1	DSI 3	23230	782	22.60	24.50	1.549	-	-	-0.07	0.106	0.164
	LTE Band 13	10M	QPSK	25	0	-	Back	15mm	Ant 1	DSI 3	23230	782	22.60	24.50	1.549	-	-	0.11	0.137	0.212
835MHz																				
49	GSM850	-	-	-	-	GPRS (4Tx slots)	Front	15mm	Ant 0	DSI 1	189	836.4	27.15	28.00	1.216	-	-	0.07	0.258	0.314
	GSM850	-	-	-	-	GPRS (4Tx slots)	Back	15mm	Ant 0	DSI 1	189	836.4	27.15	28.00	1.216	-	-	0.07	0.197	0.240
	GSM850	-	-	-	-	GPRS (4Tx slots)	Front	15mm	Ant 1	DSI 3	189	836.4	26.60	27.50	1.230	-	-	-0.18	0.094	0.116
	GSM850	-	-	-	-	GPRS (4Tx slots)	Back	15mm	Ant 1	DSI 3	189	836.4	26.60	27.50	1.230	-	-	-0.15	0.164	0.202
50	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 0	DSI 1	4182	836.4	24.40	25.00	1.148	-	-	-0.15	0.293	0.336
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 0	DSI 1	4182	836.4	24.40	25.00	1.148	-	-	-0.17	0.228	0.262
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 1	DSI 3	4182	836.4	23.56	25.00	1.393	-	-	-0.1	0.106	0.148
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	DSI 3	4182	836.4	23.56	25.00	1.393	-	-	0.17	0.202	0.281
51	LTE Band 26	15M	QPSK	1	0	-	Front	15mm	Ant 0	DSI 1	26865	831.5	24.69	25.50	1.205	-	-	0.18	0.269	0.324
	LTE Band 26	15M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 1	26865	831.5	24.69	25.50	1.205	-	-	-0.11	0.255	0.307
	LTE Band 26	15M	QPSK	36	0	-	Front	15mm	Ant 0	DSI 1	26865	831.5	23.66	24.50	1.213	-	-	-0.17	0.208	0.252
	LTE Band 26	15M	QPSK	36	0	-	Back	15mm	Ant 0	DSI 1	26865	831.5	23.66	24.50	1.213	-	-	0.17	0.198	0.240
	LTE Band 26	15M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	26865	831.5	23.82	25.50	1.472	-	-	-0.07	0.115	0.169
	LTE Band 26	15M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	26865	831.5	23.82	25.50	1.472	-	-	-0.06	0.181	0.266
	LTE Band 26	15M	QPSK	36	0	-	Front	15mm	Ant 1	DSI 3	26865	831.5	22.81	24.50	1.476	-	-	-0.13	0.087	0.128
	LTE Band 26	15M	QPSK	36	0	-	Back	15mm	Ant 1	DSI 3	26865	831.5	22.81	24.50	1.476	-	-	0	0.116	0.171
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	DSI 1	167300	836.5	24.39	25.50	1.291	-	-	-0.14	0.279	0.360
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	DSI 1	167300	836.5	24.39	25.50	1.291	-	-	0.04	0.218	0.281
52	FR1 n5	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 0	DSI 1	167300	836.5	24.31	25.50	1.315	-	-	-0.07	0.293	0.385
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 0	DSI 1	167300	836.5	24.31	25.50	1.315	-	-	0.13	0.238	0.313
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	DSI 3	167300	836.5	23.62	25.50	1.542	-	-	0.06	0.103	0.159
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	DSI 3	167300	836.5	23.62	25.50	1.542	-	-	0.07	0.176	0.271
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 1	DSI 3	167300	836.5	23.60	25.50	1.549	-	-	0.11	0.115	0.178
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 1	DSI 3	167300	836.5	23.60	25.50	1.549	-	-	0.15	0.205	0.318
1750MHz																				
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 1	DSI 3	1413	1732.6	23.11	24.50	1.377	-	-	-0.16	0.262	0.361
53	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	DSI 3	1413	1732.6	23.11	24.50	1.377	-	-	-0.1	0.510	0.702
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 2	DSI 1	1413	1732.6	22.73	23.00	1.064	-	-	-0.13	0.227	0.242
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 2	DSI 1	1413	1732.6	22.73	23.00	1.064	-	-	0.12	0.398	0.424
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 2	DSI 3	1413	1732.6	24.67	25.00	1.079	-	-	-0.02	0.359	0.387
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 2	DSI 3	1413	1732.6	24.67	25.00	1.079	-	-	0.03	0.631	0.681
	LTE Band 4	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	20175	1732.5	23.55	25.50	1.567	-	-	0.13	0.322	0.504



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54	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	20175	1732.5	23.55	25.00	1.396	-	-	-0.04	0.535	0.747
	LTE Band 4	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI 3	20175	1732.5	22.61	24.00	1.377	-	-	-0.13	0.311	0.428
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI 3	20175	1732.5	22.61	24.00	1.377	-	-	0.03	0.511	0.704
	LTE Band 4	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 1	20175	1732.5	20.46	21.20	1.186	-	-	-0.03	0.138	0.164
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 1	20175	1732.5	20.46	21.20	1.186	-	-	-0.16	0.207	0.245
	LTE Band 4	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 3	20175	1732.5	24.96	25.70	1.186	-	-	0.13	0.390	0.462
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	20175	1732.5	24.96	25.70	1.186	-	-	0.12	0.582	0.690
	LTE Band 4	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 1	20175	1732.5	20.38	21.20	1.208	-	-	-0.09	0.132	0.159
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 1	20175	1732.5	20.38	21.20	1.208	-	-	-0.13	0.186	0.225
	LTE Band 4	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 3	20175	1732.5	24.01	24.70	1.172	-	-	0.16	0.371	0.435
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	20175	1732.5	24.01	24.70	1.172	-	-	0.05	0.523	0.613
	LTE Band 4	20M	QPSK	1	0	-	Front	15mm	Ant 3	DSI 3	20175	1732.5	22.96	24.50	1.426	-	-	-0.09	0.137	0.195
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 3	DSI 3	20175	1732.5	22.96	24.50	1.426	-	-	-0.02	0.125	0.178
	LTE Band 4	20M	QPSK	50	0	-	Front	15mm	Ant 3	DSI 3	20175	1732.5	22.15	23.50	1.365	-	-	0.05	0.121	0.165
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 3	DSI 3	20175	1732.5	22.15	23.50	1.365	-	-	-0.14	0.105	0.143
	LTE Band 4	20M	QPSK	1	0	-	Front	15mm	Ant 4	DSI 3	20175	1732.5	24.69	25.50	1.205	-	-	-0.12	0.015	0.018
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	20175	1732.5	24.69	25.50	1.205	-	-	0.1	0.021	0.025
	LTE Band 4	20M	QPSK	50	0	-	Front	15mm	Ant 4	DSI 3	20175	1732.5	23.73	24.50	1.194	-	-	-0.11	0.011	0.013
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	20175	1732.5	23.73	24.50	1.194	-	-	0.16	0.018	0.021
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	132322	1745	22.71	24.00	1.346	-	-	-0.14	0.214	0.288
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	132322	1745	22.71	24.00	1.346	-	-	-0.03	0.386	0.520
	LTE Band 66	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI 3	132322	1745	21.77	23.00	1.327	-	-	0.1	0.169	0.224
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI 3	132322	1745	21.77	23.00	1.327	-	-	-0.17	0.325	0.431
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 1	132322	1745	18.96	20.50	1.426	-	-	-0.05	0.099	0.141
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 1	132322	1745	18.96	20.50	1.426	-	-	0.01	0.165	0.235
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 3	132322	1745	24.14	25.50	1.368	-	-	-0.18	0.312	0.427
55	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	132322	1745	24.14	25.50	1.368	-	-	0.06	0.523	0.715
	LTE Band 66	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 1	132322	1745	18.91	20.50	1.442	-	-	-0.09	0.079	0.114
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 1	132322	1745	18.91	20.50	1.442	-	-	0.06	0.160	0.231
	LTE Band 66	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 3	132322	1745	23.12	24.50	1.374	-	-	0.1	0.249	0.342
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	132322	1745	23.12	24.50	1.374	-	-	-0.03	0.511	0.702
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 3	DSI 3	132322	1745	22.15	23.50	1.365	-	-	-0.05	0.110	0.150
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 3	DSI 3	132322	1745	22.15	23.50	1.365	-	-	0.08	0.094	0.128
	LTE Band 66	20M	QPSK	50	0	-	Front	15mm	Ant 3	DSI 3	132322	1745	21.25	22.50	1.334	-	-	0.13	0.099	0.132
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 3	DSI 3	132322	1745	21.25	22.50	1.334	-	-	-0.11	0.075	0.100
	LTE Band 66	20M	QPSK	1	0	-	Front	15mm	Ant 4	DSI 3	132322	1745	23.80	24.50	1.175	-	-	0.07	0.014	0.016
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	132322	1745	23.80	24.50	1.175	-	-	0.08	0.020	0.023
	LTE Band 66	20M	QPSK	50	0	-	Front	15mm	Ant 4	DSI 3	132322	1745	22.88	23.50	1.153	-	-	0.18	0.011	0.013
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	132322	1745	22.88	23.50	1.153	-	-	0.14	0.017	0.020
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	DSI 3	349000	1745	24.36	25.50	1.300	-	-	-0.07	0.362	0.471
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	DSI 3	349000	1745	24.36	25.50	1.300	-	-	0.16	0.621	0.807
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 1	DSI 3	349000	1745	24.33	25.50	1.309	-	-	-0.17	0.384	0.503
56	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 1	DSI 3	349000	1745	24.33	25.50	1.309	-	-	0.05	0.645	0.844
	FR1 n66_Main PA	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 1	DSI 3	349000	1745	22.23	24.00	1.503	-	-	-0.02	0.461	0.693
	FR1 n66_Other PA	40M	QPSK	216	0	DFT-15	Back	15mm	Ant 1	DSI 3	349000	1745	23.40	24.50	1.288	-	-	0.05	0.611	0.787
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	DSI 1	349000	1745	19.55	21.00	1.396	-	-	0.06	0.133	0.186
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	DSI 1	349000	1745	19.55	21.00	1.396	-	-	0.14	0.219	0.306
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	DSI 3	349000	1745	23.65	25.00	1.365	-	-	-0.17	0.335	0.457
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	DSI 3	349000	1745	23.65	25.00	1.365	-	-	0.13	0.551	0.752
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	DSI 1	349000	1745	19.50	21.00	1.413	-	-	-0.13	0.142	0.201
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	DSI 1	349000	1745	19.50	21.00	1.413	-	-	-0.07	0.224	0.316
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 2	DSI 3	349000	1745	23.51	25.00	1.409	-	-	0.1	0.357	0.503
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	DSI 3	349000	1745	23.51	25.00	1.409	-	-	0.06	0.563	0.793
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 3	DSI 3	349000	1745	23.76	25.50	1.493	-	-	-0.16	0.185	0.276
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 3	DSI 3	349000	1745	23.76	25.50	1.493	-	-	-0.14	0.101	0.151
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 3	DSI 3	349000	1745	23.72	25.50	1.507	-	-	0.01	0.193	0.291



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	FR1 n66_Main PA	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 3	DSI 3	349000	1745	21.76	23.50	1.493	-	-	-0.13	0.122	0.182	
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 3	DSI 3	349000	1745	23.72	25.50	1.507	-	-	0.08	0.114	0.172	
	FR1 n66	40M	QPSK	1	1	DFT-15	Front	15mm	Ant 4	DSI 3	349000	1745	23.43	24.50	1.279	-	-	0.03	0.012	0.016	
	FR1 n66	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 4	DSI 3	349000	1745	23.43	24.50	1.279	-	-	-0.08	0.015	0.019	
	FR1 n66	40M	QPSK	108	54	DFT-15	Front	15mm	Ant 4	DSI 3	349000	1745	23.38	24.50	1.294	-	-	-0.05	0.015	0.019	
	FR1 n66	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 4	DSI 3	349000	1745	23.38	24.50	1.294	-	-	-0.12	0.017	0.022	
1900MHz																					
	GSM1900	-	-	-	-	GPRS (4Tx slots)	Front	15mm	Ant 1	DSI 3	661	1880	23.05	24.00	1.245	-	-	-0.07	0.117	0.146	
	GSM1900	-	-	-	-	GPRS (4Tx slots)	Back	15mm	Ant 1	DSI 3	661	1880	23.05	24.00	1.245	-	-	-0.17	0.225	0.280	
	GSM1900	-	-	-	-	GPRS (4Tx slots)	Front	15mm	Ant 2	DSI 1	661	1880	24.36	25.00	1.159	-	-	0.14	0.181	0.210	
57	GSM1900	-	-	-	-	GPRS (4Tx slots)	Back	15mm	Ant 2	DSI 1	661	1880	24.36	25.00	1.159	-	-	0.02	0.312	0.362	
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 1	DSI 3	9400	1880	23.12	24.50	1.374	-	-	-0.02	0.202	0.278	
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	DSI 3	9400	1880	23.12	24.50	1.374	-	-	0.05	0.599	0.823	
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	DSI 3	9262	1852.4	23.10	24.50	1.380	-	-	0.05	0.581	0.802	
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	DSI 3	9538	1907.6	23.05	24.50	1.396	-	-	0.03	0.576	0.804	
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 2	DSI 1	9400	1880	20.68	21.00	1.076	-	-	-0.08	0.188	0.202	
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 2	DSI 1	9400	1880	20.68	21.00	1.076	-	-	-0.1	0.359	0.386	
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	15mm	Ant 2	DSI 3	9400	1880	24.59	25.00	1.099	-	-	0	0.472	0.519	
58	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 2	DSI 3	9400	1880	24.59	25.00	1.099	-	-	0.01	0.901	0.990	
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 2	DSI 3	9262	1852.4	24.52	25.00	1.117	-	-	0.05	0.851	0.950	
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 2	DSI 3	9538	1907.6	24.54	25.00	1.112	-	-	0.06	0.871	0.968	
	LTE Band 2	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 1	18900	1880	19.95	21.00	1.274	-	-	0.18	0.160	0.204	
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 1	18900	1880	19.95	21.00	1.274	-	-	-0.02	0.264	0.336	
	LTE Band 2	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 3	18900	1880	23.96	25.00	1.271	-	-	0.05	0.401	0.510	
59	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	18900	1880	23.96	25.00	1.271	-	-	-0.02	0.664	0.844	
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	18700	1860	23.88	25.00	1.294	-	-	0.13	0.504	0.652	
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	19100	1900	23.95	25.00	1.274	-	-	0.02	0.511	0.651	
	LTE Band 2	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 1	18900	1880	19.90	21.00	1.288	-	-	0.04	0.127	0.164	
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 1	18900	1880	19.90	21.00	1.288	-	-	0.11	0.252	0.325	
	LTE Band 2	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 3	18900	1880	22.94	24.00	1.276	-	-	0.11	0.318	0.406	
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	18900	1880	22.94	24.00	1.276	-	-	0.12	0.632	0.807	
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	18700	1860	22.86	24.00	1.300	-	-	-0.13	0.488	0.634	
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	19100	1900	22.91	24.00	1.285	-	-	-0.16	0.498	0.640	
	LTE Band 2	20M	QPSK	100	0	-	Back	15mm	Ant 2	DSI 3	18900	1880	22.92	24.00	1.282	-	-	0.02	0.615	0.789	
	LTE Band 2	20M	QPSK	1	0	-	Front	15mm	Ant 4	DSI 3	18900	1880	23.65	24.50	1.216	-	-	-0.03	0.159	0.193	
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	18900	1880	23.65	24.50	1.216	-	-	-0.07	0.272	0.331	
	LTE Band 2	20M	QPSK	50	0	-	Front	15mm	Ant 4	DSI 3	18900	1880	22.63	23.50	1.222	-	-	-0.04	0.137	0.167	
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	18900	1880	22.63	23.50	1.222	-	-	0.15	0.251	0.307	
2600MHz																					
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	21100	2535	22.99	24.00	1.262	-	-	-0.07	0.190	0.240	
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	21100	2535	22.99	24.00	1.262	-	-	-0.03	0.384	0.485	
	LTE Band 7C	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	21100+21298	2535+2554.8	22.98	24.00	1.265	-	-	-0.06	0.267	0.338	
	LTE Band 7	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI 3	21100	2535	22.07	23.00	1.239	-	-	-0.08	0.147	0.182	
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI 3	21100	2535	22.07	23.00	1.239	-	-	0	0.338	0.419	
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 1	21100	2535	19.50	20.50	1.259	-	-	-0.01	0.111	0.140	
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 1	21100	2535	19.50	20.50	1.259	-	-	0.15	0.190	0.239	
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 3	21100	2535	24.41	25.50	1.285	-	-	-0.04	0.351	0.451	
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	21100	2535	24.41	25.50	1.285	-	-	-0.05	0.601	0.772	
	LTE Band 7	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 1	21100	2535	19.48	20.50	1.265	-	-	0.11	0.116	0.147	
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 1	21100	2535	19.48	20.50	1.265	-	-	-0.11	0.196	0.248	
	LTE Band 7	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 3	21100	2535	23.44	24.50	1.276	-	-	0.16	0.366	0.467	
60	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	21100	2535	23.44	24.50	1.276	-	-	-0.09	0.619	0.790	
	LTE Band 7C	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	21100+21298	2535+2554.8	23.21	24.50	1.346	-	-	0.02	0.232	0.312	
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 3	DSI 3	21100	2535	23.04	24.00	1.247	-	-	0.07	0.409	0.510	
	LTE Band 7C	20M	QPSK	1	0	-	Front	15mm	Ant 3	DSI 3	21100+21298	2535+2554.8	22.56	24.00	1.393	-	-	0.04	0.200	0.279	



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	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 3	DSI 3	21100	2535	23.04	24.00	1.247	-	-	0.06	0.236	0.294
	LTE Band 7	20M	QPSK	50	0	-	Front	15mm	Ant 3	DSI 3	21100	2535	22.11	23.00	1.227	-	-	0.01	0.339	0.416
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 3	DSI 3	21100	2535	22.11	23.00	1.227	-	-	-0.13	0.189	0.232
	LTE Band 7	20M	QPSK	1	0	-	Front	15mm	Ant 4	DSI 3	21100	2535	21.05	22.00	1.245	-	-	0.12	0.144	0.179
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	21100	2535	21.05	22.00	1.245	-	-	0.02	0.180	0.224
	LTE Band 7	20M	QPSK	50	0	-	Front	15mm	Ant 4	DSI 3	21100	2535	20.87	22.00	1.297	-	-	0.15	0.151	0.196
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	21100	2535	20.87	22.00	1.297	-	-	-0.01	0.190	0.246
	LTE Band 7C	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	21100+21298	2535+2554.8	20.60	22.00	1.380	-	-	0.05	0.172	0.237
	LTE Band 41	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	40620	2593	23.70	24.50	1.202	62.9	1.006	0.14	0.121	0.146
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	40620	2593	23.70	24.50	1.202	62.9	1.006	-0.04	0.298	0.360
	LTE Band 38C	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	37901+38099	2585.1+2604.9	23.17	24.50	1.358	62.9	1.006	0.14	0.215	0.294
	LTE Band 41	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI 3	40620	2593	22.91	23.50	1.146	62.9	1.006	0.01	0.102	0.118
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI 3	40620	2593	22.91	23.50	1.146	62.9	1.006	0.14	0.237	0.273
	LTE Band 41	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 1	40620	2593	22.46	23.20	1.186	62.9	1.006	0.13	0.132	0.157
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 1	40620	2593	22.46	23.20	1.186	62.9	1.006	-0.07	0.301	0.359
	LTE Band 41	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 3	40620	2593	24.89	25.70	1.205	62.9	1.006	-0.17	0.235	0.285
61	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	40620	2593	24.89	25.70	1.205	62.9	1.006	-0.07	0.535	0.649
	LTE Band 38C	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	37901+38099	2585.1+2604.9	24.15	25.70	1.429	62.9	1.006	0.04	0.354	0.509
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	39750	2506	24.82	25.70	1.225	62.9	1.006	-0.16	0.413	0.509
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	40185	2549.5	24.85	25.70	1.216	62.9	1.006	0.11	0.436	0.533
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	41055	2636.5	24.82	25.70	1.225	62.9	1.006	-0.09	0.361	0.445
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	41490	2680	24.86	25.70	1.213	62.9	1.006	0.13	0.331	0.404
	LTE Band 41	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 1	40620	2593	22.45	23.20	1.189	62.9	1.006	-0.14	0.111	0.133
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 1	40620	2593	22.45	23.20	1.189	62.9	1.006	-0.11	0.294	0.352
	LTE Band 41	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 3	40620	2593	24.12	24.70	1.143	62.9	1.006	0.03	0.198	0.228
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	40620	2593	24.12	24.70	1.143	62.9	1.006	-0.1	0.523	0.601
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	39750	2506	24.05	24.70	1.161	62.9	1.006	0.01	0.405	0.473
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	40185	2549.5	24.04	24.70	1.164	62.9	1.006	0.05	0.411	0.481
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	41055	2636.5	24.02	24.70	1.169	62.9	1.006	-0.15	0.333	0.392
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	41490	2680	24.06	24.70	1.159	62.9	1.006	-0.16	0.280	0.326
	LTE Band 41	20M	QPSK	100	0	-	Back	15mm	Ant 2	DSI 3	40620	2593	24.05	24.70	1.161	62.9	1.006	0.03	0.511	0.597
	LTE Band 41	20M	QPSK	1	0	-	Front	15mm	Ant 3	DSI 3	40620	2593	23.69	24.50	1.205	62.9	1.006	-0.01	0.277	0.336
	LTE Band 38C	20M	QPSK	1	0	-	Front	15mm	Ant 3	DSI 3	37901+38099	2585.1+2604.9	22.99	24.50	1.416	62.9	1.006	0.13	0.158	0.225
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 3	DSI 3	40620	2593	23.69	24.50	1.205	62.9	1.006	0.01	0.149	0.181
	LTE Band 41	20M	QPSK	50	0	-	Front	15mm	Ant 3	DSI 3	40620	2593	22.92	23.50	1.143	62.9	1.006	0.13	0.251	0.289
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 3	DSI 3	40620	2593	22.92	23.50	1.143	62.9	1.006	-0.15	0.123	0.141
	LTE Band 41	20M	QPSK	1	0	-	Front	15mm	Ant 4	DSI 3	40620	2593	23.26	23.70	1.107	62.9	1.006	0.16	0.176	0.196
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	40620	2593	23.26	23.70	1.107	62.9	1.006	0.02	0.277	0.308
	LTE Band 38C	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	37901+38099	2585.1+2604.9	22.69	23.70	1.262	62.9	1.006	0.07	0.199	0.253
	LTE Band 41	20M	QPSK	50	0	-	Front	15mm	Ant 4	DSI 3	40620	2593	23.06	23.70	1.159	62.9	1.006	-0.13	0.165	0.192
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	40620	2593	23.06	23.70	1.159	62.9	1.006	0.03	0.235	0.274
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	DSI 3	507000	2535	23.03	24.50	1.403	-	-	0.03	0.182	0.255
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	DSI 3	507000	2535	23.03	24.50	1.403	-	-	-0.13	0.379	0.532
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 1	DSI 3	507000	2535	22.86	24.50	1.459	-	-	-0.15	0.179	0.261
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 1	DSI 3	507000	2535	22.86	24.50	1.459	-	-	-0.18	0.351	0.512
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	DSI 1	507000	2535	20.49	21.50	1.262	-	-	0.18	0.174	0.220
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	DSI 1	507000	2535	20.49	21.50	1.262	-	-	-0.18	0.376	0.474
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	DSI 3	507000	2535	24.56	25.50	1.242	-	-	0.01	0.351	0.436
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	DSI 3	507000	2535	24.56	25.50	1.242	-	-	0.08	0.781	0.970
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 2	DSI 1	507000	2535	20.48	21.50	1.265	-	-	0.15	0.179	0.226
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 2	DSI 1	507000	2535	20.48	21.50	1.265	-	-	0.17	0.391	0.495
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 2	DSI 3	507000	2535	24.51	25.50	1.256	-	-	-0.03	0.355	0.446
62	FR1 n7	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 2	DSI 3	507000	2535	24.51	25.50	1.256	-	-	0.02	0.801	1.006
	FR1 n7	50M	QPSK	270	0	DFT-15	Back	15mm	Ant 2	DSI 3	507000	2535	23.58	24.50	1.236	-	-	0.02	0.756	0.934
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 3	DSI 3	507000	2535	23.06	24.50	1.393	-	-	0.13	0.355	0.495
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 3	DSI 3	507000	2535	23.06	24.50	1.393	-	-	-0.11	0.223	0.311



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	FR1 n7	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 3	DSI 3	507000	2535	23.04	24.50	1.400	-	-	-0.12	0.382	0.535
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 3	DSI 3	507000	2535	23.04	24.50	1.400	-	-	0.04	0.226	0.316
	FR1 n7	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 4	DSI 3	507000	2535	21.39	22.50	1.291	-	-	0.17	0.131	0.169
	FR1 n7	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 4	DSI 3	507000	2535	21.39	22.50	1.291	-	-	0.01	0.207	0.267
	FR1 n7	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 4	DSI 3	507000	2535	21.32	22.50	1.312	-	-	-0.09	0.140	0.184
	FR1 n7	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 4	DSI 3	507000	2535	21.32	22.50	1.312	-	-	0.18	0.230	0.302
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 1	DSI 3	518598	2592.99	23.58	25.00	1.387	-	-	-0.14	0.200	0.277
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 1	DSI 3	518598	2592.99	23.58	25.00	1.387	-	-	-0.01	0.488	0.677
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	518598	2592.99	23.55	25.00	1.396	-	-	-0.05	0.206	0.288
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	518598	2592.99	23.55	25.00	1.396	-	-	0.05	0.520	0.726
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	15mm	Ant 1	DSI 3	518598	2592.99	22.73	24.00	1.340	-	-	0.03	0.471	0.631
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	DSI 1	518598	2592.99	19.00	20.20	1.318	-	-	-0.14	0.133	0.175
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	DSI 1	518598	2592.99	19.00	20.20	1.318	-	-	0.11	0.238	0.314
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	DSI 3	518598	2592.99	24.62	25.70	1.282	-	-	-0.03	0.472	0.605
63	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	DSI 3	518598	2592.99	24.62	25.70	1.282	-	-	-0.09	0.846	1.085
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 2	DSI 1	518598	2592.99	18.87	20.20	1.358	-	-	-0.1	0.121	0.164
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 2	DSI 1	518598	2592.99	18.87	20.20	1.358	-	-	0.11	0.214	0.291
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 2	DSI 3	518598	2592.99	24.52	25.70	1.312	-	-	-0.02	0.428	0.562
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 2	DSI 3	518598	2592.99	24.52	25.70	1.312	-	-	-0.04	0.761	0.999
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	15mm	Ant 2	DSI 3	518598	2592.99	23.82	24.70	1.225	-	-	0.05	0.755	0.925
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 3	DSI 3	518598	2592.99	23.42	25.00	1.439	-	-	-0.06	0.459	0.660
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 3	DSI 3	518598	2592.99	23.42	25.00	1.439	-	-	-0.13	0.244	0.351
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 3	DSI 3	518598	2592.99	23.40	25.00	1.445	-	-	0.12	0.409	0.591
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 3	DSI 3	518598	2592.99	23.40	25.00	1.445	-	-	0.03	0.234	0.338
	FR1 n41	100M	QPSK	270	0	DFT-30	Front	15mm	Ant 3	DSI 3	518598	2592.99	22.45	24.00	1.429	-	-	0.04	0.400	0.572
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 4	DSI 3	518598	2592.99	20.30	21.20	1.230	-	-	0.07	0.195	0.240
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 4	DSI 3	518598	2592.99	20.30	21.20	1.230	-	-	-0.09	0.368	0.453
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 4	DSI 3	518598	2592.99	20.15	21.20	1.274	-	-	-0.06	0.220	0.280
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 4	DSI 3	518598	2592.99	20.15	21.20	1.274	-	-	-0.08	0.414	0.527
3500MHz																				
	FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 1	DSI 3	633332	3499.98	21.20	22.50	1.349	-	-	0.11	0.075	0.101
	FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 1	DSI 3	633332	3499.98	21.20	22.50	1.349	-	-	-0.15	0.208	0.281
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	633332	3499.98	21.15	22.50	1.365	-	-	-0.11	0.081	0.111
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	633332	3499.98	21.15	22.50	1.365	-	-	0.13	0.213	0.291
	FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 1	DSI 3	656000	3840	21.80	23.00	1.318	-	-	-0.04	0.104	0.137
	FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 1	DSI 3	656000	3840	21.80	23.00	1.318	-	-	-0.05	0.271	0.357
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	656000	3840	21.77	23.00	1.327	-	-	-0.06	0.108	0.143
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	656000	3840	21.77	23.00	1.327	-	-	-0.11	0.291	0.386
	FR1 n77 Part27O PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	656000	3840	24.81	26.00	1.315	50	1.000	-0.11	0.298	0.392
	FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 5	DSI 3	633332	3499.98	19.59	20.00	1.099	-	-	-0.16	0.124	0.136
	FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	19.59	20.00	1.099	-	-	0.04	0.150	0.165
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 5	DSI 3	633332	3499.98	19.47	20.00	1.130	-	-	0.11	0.126	0.142
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	19.47	20.00	1.130	-	-	0.02	0.158	0.179
	FR1 n77 Part27Q PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	22.54	23.00	1.112	50	1.000	0.06	0.152	0.169
	FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 5	DSI 3	656000	3840	19.67	20.00	1.079	-	-	0.16	0.103	0.111
	FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 5	DSI 3	656000	3840	19.67	20.00	1.079	-	-	0.12	0.108	0.117
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 5	DSI 3	656000	3840	19.57	20.00	1.104	-	-	-0.16	0.105	0.116
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	656000	3840	19.57	20.00	1.104	-	-	0.05	0.110	0.121
	FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 6	DSI 3	633332	3499.98	18.19	19.50	1.352	-	-	0.17	0.211	0.285
	FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 6	DSI 3	633332	3499.98	18.19	19.50	1.352	-	-	-0.18	0.160	0.216
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 6	DSI 3	633332	3499.98	18.18	19.50	1.355	-	-	-0.1	0.238	0.323
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 6	DSI 3	633332	3499.98	18.18	19.50	1.355	-	-	-0.15	0.164	0.222
	FR1 n77 Part27Q PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 6	DSI 3	633332	3499.98	21.23	22.50	1.340	50	1.000	0.08	0.232	0.311
	FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 6	DSI 3	656000	3840	18.95	20.50	1.429	-	-	-0.14	0.112	0.160
	FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 6	DSI 3	656000	3840	18.95	20.50	1.429	-	-	0.01	0.108	0.154
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 6	DSI 3	656000	3840	18.93	20.50	1.435	-	-	0.11	0.115	0.165



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	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 6	DSI 3	656000	3840	18.93	20.50	1.435	-	-	0.13	0.110	0.158
	FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 7	DSI 3	633332	3499.98	19.89	21.00	1.291	-	-	-0.04	0.025	0.032
	FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 7	DSI 3	633332	3499.98	19.89	21.00	1.291	-	-	-0.17	0.655	0.846
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	DSI 3	633332	3499.98	19.80	21.00	1.318	-	-	-0.15	0.031	0.041
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	DSI 3	633332	3499.98	19.80	21.00	1.318	-	-	0.08	0.648	0.854
64	FR1 n77 Part27Q PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	DSI 3	633332	3499.98	22.93	24.00	1.279	50	1.000	-0.09	0.672	0.860
	FR1 n77 Part27Q	100M	QPSK	270	0	DFT-30	Back	15mm	Ant 7	DSI 3	633332	3499.98	19.78	21.00	1.324	-	-	0.04	0.622	0.824
	FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 7	DSI 3	656000	3840	20.39	21.50	1.291	-	-	-0.13	0.025	0.032
	FR1 n77 Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 7	DSI 3	656000	3840	20.39	21.50	1.291	-	-	0.17	0.243	0.314
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	DSI 3	656000	3840	20.33	21.50	1.309	-	-	0.14	0.019	0.025
	FR1 n77 Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	DSI 3	656000	3840	20.33	21.50	1.309	-	-	0.06	0.169	0.221
	FR1 n78 Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 1	DSI 3	633332	3499.98	22.03	23.50	1.403	-	-	0.12	0.109	0.153
	FR1 n78 Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 1	DSI 3	633332	3499.98	22.03	23.50	1.403	-	-	-0.02	0.273	0.383
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	633332	3499.98	21.93	23.50	1.435	-	-	0.1	0.101	0.145
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	633332	3499.98	21.93	23.50	1.435	-	-	0.01	0.279	0.401
	FR1 n78 Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 1	DSI 3	650000	3750	22.36	23.50	1.300	-	-	-0.16	0.247	0.321
	FR1 n78 Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 1	DSI 3	650000	3750	22.36	23.50	1.300	-	-	0.1	0.411	0.534
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	650000	3750	22.29	23.50	1.321	-	-	0.06	0.249	0.329
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	650000	3750	22.29	23.50	1.321	-	-	0.12	0.410	0.542
65	FR1 n78 Part27O PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	650000	3750	25.36	26.50	1.300	50	1.000	0.05	0.420	0.546
	FR1 n78 Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 5	DSI 3	633332	3499.98	20.02	20.50	1.117	-	-	-0.1	0.085	0.095
	FR1 n78 Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	20.02	20.50	1.117	-	-	-0.06	0.111	0.124
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 5	DSI 3	633332	3499.98	19.95	20.50	1.135	-	-	-0.05	0.088	0.100
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	19.95	20.50	1.135	-	-	-0.04	0.123	0.140
	FR1 n78 Part27Q PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	23.10	23.50	1.096	50	1.000	0.04	0.122	0.134
	FR1 n78 Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 5	DSI 3	650000	3750	20.28	20.50	1.052	-	-	-0.06	0.062	0.065
	FR1 n78 Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 5	DSI 3	650000	3750	20.28	20.50	1.052	-	-	-0.04	0.075	0.079
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 5	DSI 3	650000	3750	20.21	20.50	1.069	-	-	-0.05	0.067	0.072
	FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	650000	3750	20.21	20.50	1.069	-	-	-0.02	0.080	0.086



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																
	Bluetooth	DH5 1Mbps	Front	15mm	Ant 17	Full	0	2402	16.33	17.50	1.309	76.4	1.309	0.11	0.010	0.017
66	Bluetooth	DH5 1Mbps	Back	15mm	Ant 17	Full	0	2402	16.33	17.50	1.309	76.4	1.309	-0.17	0.040	0.069
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 6+17	Standalone&Simultaneous	6	2437	20.37	21.00	1.157	100	1.000	0.1	0.088	0.102
67	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 6+17	Standalone&Simultaneous	6	2437	20.37	21.00	1.157	100	1.000	-0.14	0.185	0.214
	WLAN2.4GHz	802.11b 1Mbps	Front	15mm	Ant 17	Standalone&Simultaneous DBS	6	2437	17.61	18.00	1.094	100	1.000	0.04	0.051	0.056
	WLAN2.4GHz	802.11b 1Mbps	Back	15mm	Ant 17	Standalone&Simultaneous DBS	6	2437	17.61	18.00	1.094	100	1.000	0.04	0.163	0.178
5250-5750MHz																
	WLAN5.3GHz	802.11ax-HE40 MCS0	Front	15mm	Ant 5+18	Standalone&Simultaneous	54	5270	21.05	22.50	1.396	92.46	1.082	0.11	0.141	0.213
68	WLAN5.3GHz	802.11ax-HE40 MCS0	Back	15mm	Ant 5+18	Standalone&Simultaneous	54	5270	21.05	22.50	1.396	92.46	1.082	-0.06	0.150	0.227
	WLAN5.3GHz	802.11ax-HE40 MCS0	Front	15mm	Ant 18	Standalone&Simultaneous DBS	54	5270	17.79	19.50	1.483	92.46	1.082	0.03	0.086	0.138
	WLAN5.3GHz	802.11ax-HE40 MCS0	Back	15mm	Ant 18	Standalone&Simultaneous DBS	54	5270	17.79	19.50	1.483	92.46	1.082	0.08	0.127	0.204
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 5+18	Standalone&Simultaneous	138	5690	18.88	20.50	1.452	88.14	1.135	0.18	0.156	0.257
69	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 5+18	Standalone&Simultaneous	138	5690	18.88	20.50	1.452	88.14	1.135	0.15	0.185	0.305
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	15mm	Ant 18	Standalone&Simultaneous DBS	122	5610	15.80	17.50	1.480	88.14	1.135	0.06	0.121	0.203
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	15mm	Ant 18	Standalone&Simultaneous DBS	122	5610	15.80	17.50	1.480	88.14	1.135	0.17	0.165	0.277
	WLAN5.8GHz	802.11ax-HE80 MCS0	Front	15mm	Ant 5+18	Standalone	155	5775	21.02	22.50	1.407	86.84	1.152	-0.15	0.177	0.287
70	WLAN5.8GHz	802.11ax-HE80 MCS0	Back	15mm	Ant 5+18	Standalone	155	5775	21.02	22.50	1.407	86.84	1.152	-0.05	0.305	0.494
	WLAN5.8GHz	802.11ax-HE80 MCS0	Front	15mm	Ant 5+18	Simultaneous	155	5775	20.07	21.50	1.390	86.84	1.152	-0.01	0.158	0.253
	WLAN5.8GHz	802.11ax-HE80 MCS0	Back	15mm	Ant 5+18	Simultaneous	155	5775	20.07	21.50	1.390	86.84	1.152	-0.19	0.269	0.431
	WLAN5.8GHz	802.11ax-HE80 MCS0	Front	15mm	Ant 18	Standalone DBS	155	5775	17.99	19.50	1.415	86.84	1.152	-0.01	0.145	0.236
	WLAN5.8GHz	802.11ax-HE80 MCS0	Back	15mm	Ant 18	Standalone DBS	155	5775	17.99	19.50	1.415	86.84	1.152	0.04	0.212	0.346
	WLAN5.8GHz	802.11ax-HE80 MCS0	Front	15mm	Ant 18	Simultaneous DBS	155	5775	17.05	18.50	1.396	86.84	1.152	-0.05	0.129	0.208
	WLAN5.8GHz	802.11ax-HE80 MCS0	Back	15mm	Ant 18	Simultaneous DBS	155	5775	17.05	18.50	1.396	86.84	1.152	0.01	0.175	0.282



<Inter CA&ENDC>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																				
	LTE Band 12	10M	QPSK	1	0	-	Front	15mm	Ant 0	DSI 1	23095	707.5	24.67	25.50	1.211	-	-	0.04	0.168	0.203
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 1	23095	707.5	24.67	25.50	1.211	-	-	-0.18	0.164	0.199
	LTE Band 12	10M	QPSK	25	0	-	Front	15mm	Ant 0	DSI 1	23095	707.5	23.61	24.50	1.227	-	-	-0.09	0.160	0.196
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 0	DSI 1	23095	707.5	23.61	24.50	1.227	-	-	0.08	0.155	0.190
	LTE Band 12	10M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	23095	707.5	23.88	25.50	1.452	-	-	0.19	0.065	0.094
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	23095	707.5	23.88	25.50	1.452	-	-	0.08	0.069	0.100
	LTE Band 12	10M	QPSK	25	0	-	Front	15mm	Ant 1	DSI 3	23095	707.5	22.84	24.50	1.466	-	-	-0.13	0.058	0.085
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 1	DSI 3	23095	707.5	22.84	24.50	1.466	-	-	0.03	0.061	0.089
835MHz																				
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 0	DSI 1	167300	836.5	24.39	25.50	1.291	-	-	-0.14	0.279	0.360
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 0	DSI 1	167300	836.5	24.39	25.50	1.291	-	-	0.04	0.218	0.281
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 0	DSI 1	167300	836.5	24.31	25.50	1.315	-	-	-0.07	0.293	0.385
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 0	DSI 1	167300	836.5	24.31	25.50	1.315	-	-	0.13	0.238	0.313
	FR1 n5	20M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	DSI 3	167300	836.5	23.62	25.50	1.542	-	-	0.06	0.103	0.159
	FR1 n5	20M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	DSI 3	167300	836.5	23.62	25.50	1.542	-	-	0.07	0.176	0.271
	FR1 n5	20M	QPSK	50	28	DFT-15	Front	15mm	Ant 1	DSI 3	167300	836.5	23.60	25.50	1.549	-	-	0.11	0.115	0.178
	FR1 n5	20M	QPSK	50	28	DFT-15	Back	15mm	Ant 1	DSI 3	167300	836.5	23.60	25.50	1.549	-	-	0.15	0.205	0.318
1750MHz																				
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Front	15mm	Ant 0	DSI 1	26865	831.5	24.69	25.50	1.205	-	-	0.18	0.269	0.324
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 1	26865	831.5	24.69	25.50	1.205	-	-	-0.11	0.255	0.307
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Front	15mm	Ant 0	DSI 1	26865	831.5	23.66	24.50	1.213	-	-	-0.17	0.208	0.252
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Back	15mm	Ant 0	DSI 1	26865	831.5	23.66	24.50	1.213	-	-	0.17	0.198	0.240
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	26865	831.5	23.82	25.50	1.472	-	-	-0.07	0.115	0.169
	LTE Band 26_Main PA	15M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	26865	831.5	23.82	25.50	1.472	-	-	-0.06	0.181	0.266
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Front	15mm	Ant 1	DSI 3	26865	831.5	22.81	24.50	1.476	-	-	-0.13	0.087	0.128
	LTE Band 26_Main PA	15M	QPSK	36	0	-	Back	15mm	Ant 1	DSI 3	26865	831.5	22.81	24.50	1.476	-	-	0	0.116	0.171
1750MHz																				
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	20175	1732.5	21.95	23.00	1.274	-	-	-0.19	0.208	0.265
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	20175	1732.5	21.95	23.00	1.274	-	-	-0.19	0.426	0.543
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI 3	20175	1732.5	21.94	23.00	1.276	-	-	0.02	0.185	0.236
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI 3	20175	1732.5	21.94	23.00	1.276	-	-	0.18	0.398	0.508
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 1	20175	1732.5	17.58	18.50	1.236	-	-	0.13	0.070	0.087
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 1	20175	1732.5	17.58	18.50	1.236	-	-	-0.17	0.094	0.116
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 3	20175	1732.5	23.65	24.50	1.216	-	-	0.09	0.263	0.320
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	20175	1732.5	23.65	24.50	1.216	-	-	-0.03	0.443	0.539
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 1	20175	1732.5	17.52	18.50	1.253	-	-	0.1	0.067	0.084
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 1	20175	1732.5	17.52	18.50	1.253	-	-	-0.09	0.087	0.109
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 3	20175	1732.5	22.62	23.50	1.225	-	-	-0.15	0.228	0.279
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	20175	1732.5	22.62	23.50	1.225	-	-	0.19	0.418	0.512
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Front	15mm	Ant 3	DSI 3	20175	1732.5	23.93	25.50	1.435	-	-	0.14	0.170	0.244
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	15mm	Ant 3	DSI 3	20175	1732.5	23.93	25.50	1.435	-	-	0.04	0.124	0.178
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Front	15mm	Ant 3	DSI 3	20175	1732.5	22.95	24.50	1.429	-	-	-0.18	0.161	0.230
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	15mm	Ant 3	DSI 3	20175	1732.5	22.95	24.50	1.429	-	-	0.04	0.098	0.140
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Front	15mm	Ant 4	DSI 3	20175	1732.5	23.41	24.00	1.146	-	-	0.19	0.010	0.011
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	20175	1732.5	23.41	24.00	1.146	-	-	-0.06	0.015	0.017
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Front	15mm	Ant 4	DSI 3	20175	1732.5	22.38	23.00	1.153	-	-	0.1	0.008	0.009
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	20175	1732.5	22.38	23.00	1.153	-	-	-0.15	0.010	0.012



Table with columns for band type, power, modulation, and SAR values. Includes sections for LTE Band 66 and FR1 n66, with a 1900MHz section.



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LTE Band 2_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	18900	1880	23.65	24.50	1.216	-	-	-0.07	0.272	0.331
LTE Band 2_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 4	DSI 3	18900	1880	22.63	23.50	1.222	-	-	-0.04	0.137	0.167
LTE Band 2_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	18900	1880	22.63	23.50	1.222	-	-	0.15	0.251	0.307
2600MHz																			
LTE Band 7_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	21100	2535	22.99	24.00	1.262	-	-	-0.07	0.190	0.240
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	21100	2535	22.99	24.00	1.262	-	-	-0.03	0.384	0.485
LTE Band 7_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI 3	21100	2535	22.07	23.00	1.239	-	-	-0.08	0.147	0.182
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI 3	21100	2535	22.07	23.00	1.239	-	-	0	0.338	0.419
LTE Band 7_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 1	21100	2535	17.35	18.50	1.303	-	-	0	0.070	0.091
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 1	21100	2535	17.35	18.50	1.303	-	-	0.01	0.120	0.156
LTE Band 7_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 3	21100	2535	23.01	24.00	1.256	-	-	0.19	0.248	0.311
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	21100	2535	23.01	24.00	1.256	-	-	0.16	0.422	0.530
LTE Band 7_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 1	21100	2535	17.27	18.50	1.327	-	-	0	0.073	0.097
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 1	21100	2535	17.27	18.50	1.327	-	-	0.09	0.124	0.165
LTE Band 7_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 3	21100	2535	22.94	24.00	1.276	-	-	-0.15	0.259	0.331
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	21100	2535	22.94	24.00	1.276	-	-	-0.12	0.427	0.545
LTE Band 7_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 3	DSI 3	21100	2535	23.04	24.00	1.247	-	-	0.07	0.409	0.510
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 3	DSI 3	21100	2535	23.04	24.00	1.247	-	-	0.06	0.236	0.294
LTE Band 7_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 3	DSI 3	21100	2535	22.11	23.00	1.227	-	-	0.01	0.339	0.416
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 3	DSI 3	21100	2535	22.11	23.00	1.227	-	-	-0.13	0.189	0.232
LTE Band 7_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 4	DSI 3	21100	2535	21.05	22.00	1.245	-	-	0.12	0.144	0.179
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	21100	2535	21.05	22.00	1.245	-	-	0.02	0.180	0.224
LTE Band 7_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 4	DSI 3	21100	2535	20.87	22.00	1.297	-	-	0.15	0.151	0.196
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	21100	2535	20.87	22.00	1.297	-	-	-0.01	0.190	0.246
LTE Band 41_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 1	DSI 3	40620	2593	23.70	24.50	1.202	62.9	1.006	0.14	0.121	0.146
LTE Band 41_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 1	DSI 3	40620	2593	23.70	24.50	1.202	62.9	1.006	-0.04	0.298	0.360
LTE Band 41_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 1	DSI 3	40620	2593	22.91	23.50	1.146	62.9	1.006	0.01	0.102	0.118
LTE Band 41_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 1	DSI 3	40620	2593	22.91	23.50	1.146	62.9	1.006	0.14	0.237	0.273
LTE Band 41_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 1	40620	2593	22.46	23.20	1.186	62.9	1.006	0.13	0.132	0.157
LTE Band 41_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 1	40620	2593	22.46	23.20	1.186	62.9	1.006	-0.07	0.301	0.359
LTE Band 41_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 2	DSI 3	40620	2593	24.31	25.20	1.227	62.9	1.006	-0.18	0.200	0.247
LTE Band 41_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	40620	2593	24.31	25.20	1.227	62.9	1.006	-0.07	0.441	0.545
LTE Band 41_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 1	40620	2593	22.45	23.20	1.189	62.9	1.006	-0.14	0.111	0.133
LTE Band 41_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 1	40620	2593	22.45	23.20	1.189	62.9	1.006	-0.11	0.294	0.352
LTE Band 41_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 2	DSI 3	40620	2593	23.77	24.70	1.239	62.9	1.006	0.08	0.169	0.211
LTE Band 41_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	40620	2593	23.77	24.70	1.239	62.9	1.006	-0.1	0.432	0.538
LTE Band 41_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 3	DSI 3	40620	2593	23.69	24.50	1.205	62.9	1.006	-0.01	0.277	0.336
LTE Band 41_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 3	DSI 3	40620	2593	23.69	24.50	1.205	62.9	1.006	0.01	0.149	0.181
LTE Band 41_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 3	DSI 3	40620	2593	22.92	23.50	1.143	62.9	1.006	0.13	0.251	0.289
LTE Band 41_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 3	DSI 3	40620	2593	22.92	23.50	1.143	62.9	1.006	-0.15	0.123	0.141
LTE Band 41_Main PA	20M	QPSK	1	0	-	Front	15mm	Ant 4	DSI 3	40620	2593	21.74	22.20	1.112	62.9	1.006	-0.19	0.117	0.131
LTE Band 41_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 4	DSI 3	40620	2593	21.74	22.20	1.112	62.9	1.006	-0.11	0.166	0.186
LTE Band 41_Main PA	20M	QPSK	50	0	-	Front	15mm	Ant 4	DSI 3	40620	2593	21.64	22.20	1.138	62.9	1.006	-0.12	0.125	0.143
LTE Band 41_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 4	DSI 3	40620	2593	21.64	22.20	1.138	62.9	1.006	-0.18	0.196	0.224
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 1	DSI 3	507000	2535	23.03	24.50	1.403	-	-	0.03	0.182	0.255
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 1	DSI 3	507000	2535	23.03	24.50	1.403	-	-	-0.13	0.379	0.532
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 1	DSI 3	507000	2535	22.86	24.50	1.459	-	-	-0.15	0.179	0.261
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 1	DSI 3	507000	2535	22.86	24.50	1.459	-	-	-0.18	0.351	0.512
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	DSI 1	507000	2535	17.51	18.50	1.256	-	-	-0.19	0.087	0.109
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	DSI 1	507000	2535	17.51	18.50	1.256	-	-	0.03	0.188	0.236
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 2	DSI 3	507000	2535	21.97	23.00	1.268	-	-	0.07	0.193	0.245
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	DSI 3	507000	2535	21.97	23.00	1.268	-	-	-0.07	0.411	0.521
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 2	DSI 1	507000	2535	17.41	18.50	1.285	-	-	0	0.090	0.116
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 2	DSI 1	507000	2535	17.41	18.50	1.285	-	-	0.14	0.196	0.252
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 2	DSI 3	507000	2535	21.92	23.00	1.282	-	-	-0.17	0.195	0.250
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 2	DSI 3	507000	2535	21.92	23.00	1.282	-	-	0.19	0.425	0.545



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FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 3	DSI 3	507000	2535	23.06	24.50	1.393	-	-	0.13	0.355	0.495
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 3	DSI 3	507000	2535	23.06	24.50	1.393	-	-	-0.11	0.223	0.311
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 3	DSI 3	507000	2535	23.04	24.50	1.400	-	-	-0.12	0.382	0.535
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 3	DSI 3	507000	2535	23.04	24.50	1.400	-	-	0.04	0.226	0.316
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Front	15mm	Ant 4	DSI 3	507000	2535	21.39	22.50	1.291	-	-	0.17	0.131	0.169
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Back	15mm	Ant 4	DSI 3	507000	2535	21.39	22.50	1.291	-	-	0.01	0.207	0.267
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Front	15mm	Ant 4	DSI 3	507000	2535	21.32	22.50	1.312	-	-	-0.09	0.140	0.184
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Back	15mm	Ant 4	DSI 3	507000	2535	21.32	22.50	1.312	-	-	0.18	0.230	0.302
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 1	DSI 3	518598	2592.99	22.55	24.00	1.396	-	-	0.01	0.152	0.212
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 1	DSI 3	518598	2592.99	22.55	24.00	1.396	-	-	0.14	0.355	0.496
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	518598	2592.99	22.47	24.00	1.422	-	-	-0.12	0.157	0.223
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	518598	2592.99	22.47	24.00	1.422	-	-	0.1	0.371	0.528
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	DSI 1	518598	2592.99	16.61	17.70	1.285	-	-	-0.17	0.075	0.096
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	DSI 1	518598	2592.99	16.61	17.70	1.285	-	-	0.02	0.134	0.172
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	DSI 3	518598	2592.99	21.51	22.70	1.315	-	-	-0.03	0.237	0.312
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	DSI 3	518598	2592.99	21.51	22.70	1.315	-	-	-0.07	0.400	0.526
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 2	DSI 1	518598	2592.99	16.56	17.70	1.300	-	-	0.13	0.068	0.088
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 2	DSI 1	518598	2592.99	16.56	17.70	1.300	-	-	0.16	0.120	0.156
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 2	DSI 3	518598	2592.99	21.49	22.70	1.321	-	-	-0.03	0.215	0.284
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 2	DSI 3	518598	2592.99	21.49	22.70	1.321	-	-	-0.09	0.381	0.503
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 3	DSI 3	518598	2592.99	22.38	24.00	1.452	-	-	-0.09	0.365	0.530
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 3	DSI 3	518598	2592.99	22.38	24.00	1.452	-	-	-0.01	0.194	0.282
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 3	DSI 3	518598	2592.99	22.27	24.00	1.489	-	-	0	0.325	0.484
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 3	DSI 3	518598	2592.99	22.27	24.00	1.489	-	-	0.11	0.186	0.277
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 4	DSI 3	518598	2592.99	18.89	19.70	1.205	-	-	-0.15	0.110	0.133
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 4	DSI 3	518598	2592.99	18.89	19.70	1.205	-	-	-0.11	0.207	0.249
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 4	DSI 3	518598	2592.99	18.79	19.70	1.233	-	-	-0.17	0.124	0.153
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 4	DSI 3	518598	2592.99	18.79	19.70	1.233	-	-	0.17	0.233	0.287
3500MHz																			
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 1	DSI 3	633332	3499.98	21.20	22.50	1.349	-	-	0.11	0.075	0.101
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 1	DSI 3	633332	3499.98	21.20	22.50	1.349	-	-	-0.15	0.208	0.281
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	633332	3499.98	21.15	22.50	1.365	-	-	-0.11	0.081	0.111
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	633332	3499.98	21.15	22.50	1.365	-	-	0.13	0.213	0.291
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 1	DSI 3	656000	3840	21.80	23.00	1.318	-	-	-0.04	0.104	0.137
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 1	DSI 3	656000	3840	21.80	23.00	1.318	-	-	-0.05	0.271	0.357
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	656000	3840	21.77	23.00	1.327	-	-	-0.06	0.108	0.143
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	656000	3840	21.77	23.00	1.327	-	-	-0.11	0.291	0.386
FR1 n77_Main PA Part27O PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	656000	3840	24.81	26.00	1.315	50	1.000	-0.11	0.298	0.392
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 5	DSI 3	633332	3499.98	19.05	19.50	1.109	-	-	-0.1	0.111	0.123
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	19.05	19.50	1.109	-	-	-0.06	0.134	0.149
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 5	DSI 3	633332	3499.98	19.01	19.50	1.119	-	-	-0.03	0.112	0.125
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	19.01	19.50	1.119	-	-	-0.04	0.141	0.158
FR1 n77_Main PA Part27Q PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	21.95	22.50	1.135	50	1.000	-0.11	0.133	0.151
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 5	DSI 3	656000	3840	19.21	19.50	1.069	-	-	-0.06	0.092	0.098
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 5	DSI 3	656000	3840	19.21	19.50	1.069	-	-	-0.11	0.096	0.103
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 5	DSI 3	656000	3840	19.10	19.50	1.096	-	-	-0.1	0.094	0.103
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	656000	3840	19.10	19.50	1.096	-	-	-0.07	0.098	0.107
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 6	DSI 3	633332	3499.98	17.70	19.00	1.349	-	-	0.12	0.188	0.254
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 6	DSI 3	633332	3499.98	17.70	19.00	1.349	-	-	-0.1	0.143	0.193
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 6	DSI 3	633332	3499.98	17.68	19.00	1.355	-	-	0.07	0.212	0.287
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 6	DSI 3	633332	3499.98	17.68	19.00	1.355	-	-	0.08	0.146	0.198
FR1 n77_Main PA Part27Q PC2	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 6	DSI 3	633332	3499.98	20.78	22.00	1.324	50	1.000	-0.06	0.208	0.275
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 6	DSI 3	656000	3840	18.45	20.00	1.429	-	-	0.05	0.100	0.143
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 6	DSI 3	656000	3840	18.45	20.00	1.429	-	-	0.05	0.096	0.137
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 6	DSI 3	656000	3840	18.43	20.00	1.435	-	-	-0.16	0.102	0.146
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 6	DSI 3	656000	3840	18.43	20.00	1.435	-	-	-0.14	0.098	0.141



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FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 7	DSI 3	633332	3499.98	17.92	19.00	1.282	-	-	-0.15	0.013	0.017
FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 7	DSI 3	633332	3499.98	17.92	19.00	1.282	-	-	-0.17	0.326	0.418
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	DSI 3	633332	3499.98	17.86	19.00	1.300	-	-	0.16	0.015	0.020
FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	DSI 3	633332	3499.98	17.86	19.00	1.300	-	-	0.14	0.414	0.538
FR1 n77_Main PA Part27Q PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	DSI 3	633332	3499.98	20.92	22.00	1.282	50	1.000	0.02	0.410	0.526
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 7	DSI 3	656000	3840	18.14	19.50	1.368	-	-	0.01	0.010	0.014
FR1 n77_Main PA Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 7	DSI 3	656000	3840	18.14	19.50	1.368	-	-	0.19	0.153	0.209
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 7	DSI 3	656000	3840	18.10	19.50	1.380	-	-	-0.17	0.007	0.010
FR1 n77_Main PA Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 7	DSI 3	656000	3840	18.10	19.50	1.380	-	-	0.17	0.106	0.146
FR1 n78_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 1	DSI 3	633332	3499.98	22.03	23.50	1.403	-	-	0.12	0.109	0.153
FR1 n78_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 1	DSI 3	633332	3499.98	22.03	23.50	1.403	-	-	-0.02	0.273	0.383
FR1 n78_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	633332	3499.98	21.93	23.50	1.435	-	-	0.1	0.101	0.145
FR1 n78_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	633332	3499.98	21.93	23.50	1.435	-	-	0.01	0.279	0.401
FR1 n78_Main PA Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 1	DSI 3	650000	3750	22.36	23.50	1.300	-	-	-0.16	0.247	0.321
FR1 n78_Main PA Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 1	DSI 3	650000	3750	22.36	23.50	1.300	-	-	0.1	0.411	0.534
FR1 n78_Main PA Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 1	DSI 3	650000	3750	22.29	23.50	1.321	-	-	0.06	0.249	0.329
FR1 n78_Main PA Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	650000	3750	22.29	23.50	1.321	-	-	0.12	0.410	0.542
FR1 n78_Main PA Part27O PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 1	DSI 3	650000	3750	25.36	26.50	1.300	50	1.000	0.05	0.420	0.546
FR1 n78 Part27Q	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 5	DSI 3	633332	3499.98	20.02	20.50	1.117	-	-	-0.1	0.085	0.095
FR1 n78 Part27Q	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	20.02	20.50	1.117	-	-	-0.06	0.111	0.124
FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 5	DSI 3	633332	3499.98	19.95	20.50	1.135	-	-	-0.05	0.088	0.100
FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	19.95	20.50	1.135	-	-	-0.04	0.123	0.140
FR1 n78 Part27Q PC2	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	633332	3499.98	23.10	23.50	1.096	50	1.000	0.04	0.122	0.134
FR1 n78 Part27O	100M	QPSK	1	137	DFT-30	Front	15mm	Ant 5	DSI 3	650000	3750	20.28	20.50	1.052	-	-	-0.06	0.062	0.065
FR1 n78 Part27O	100M	QPSK	1	137	DFT-30	Back	15mm	Ant 5	DSI 3	650000	3750	20.28	20.50	1.052	-	-	-0.04	0.075	0.079
FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Front	15mm	Ant 5	DSI 3	650000	3750	20.21	20.50	1.069	-	-	-0.05	0.067	0.072
FR1 n78 Part27O	100M	QPSK	135	69	DFT-30	Back	15mm	Ant 5	DSI 3	650000	3750	20.21	20.50	1.069	-	-	-0.02	0.080	0.086



15.4 Product specific 10g SAR

Table with columns: Plot No., Band, BW (MHz), Modulation, RB Size, RB offset, Mode, Test Position, Gap (mm), Antenna, Power State, Ch., Freq. (MHz), Average Power (dBm), Tune-Up Limit (dBm), Tune-up Scaling Factor, Duty Cycle %, Duty Cycle Scaling Factor, Power Drift (dB), Measured 10g SAR (W/kg), Reported 10g SAR (W/kg). Includes rows for WCDMA IV and LTE Band 4/66/FR1 n66.



78	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 3	39750	2506	23.07	23.70	1.156	62.9	1.006	0.17	1.880	2.187
	LTE Band 38C	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 3	37901+2585.1+38099	2604.9	22.69	23.70	1.262	62.9	1.006	0.01	0.972	1.234
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 3	40185	2549.5	22.81	23.70	1.227	62.9	1.006	-0.03	1.550	1.914
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 3	41055	2636.5	22.96	23.70	1.186	62.9	1.006	-0.02	1.550	1.849
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 3	41490	2680	23.09	23.70	1.151	62.9	1.006	0.03	1.630	1.887
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 3	40620	2593	23.06	23.70	1.159	62.9	1.006	-0.06	1.590	1.854
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 3	39750	2506	22.99	23.70	1.178	62.9	1.006	0.17	1.810	2.144
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 3	40185	2549.5	22.70	23.70	1.259	62.9	1.006	-0.14	1.500	1.900
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 3	41055	2636.5	22.79	23.70	1.233	62.9	1.006	0.11	1.480	1.836
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 3	41490	2680	22.99	23.70	1.178	62.9	1.006	-0.04	1.580	1.872
	LTE Band 41	20M	QPSK	100	0	-	Right Side	0mm	Ant 4	DSI 3	40620	2593	22.96	23.70	1.186	62.9	1.006	0.06	1.550	1.849
	FR1 n7	50M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 2	DSI 1	507000	2535	20.49	21.50	1.262	-	-	-0.15	1.870	2.360
	FR1 n7	50M	QPSK	1	1	DFT-15	Bottom Side	15mm	Ant 2	DSI 3	507000	2535	24.56	25.50	1.242	-	-	0.02	0.311	0.386
79	FR1 n7	50M	QPSK	135	68	DFT-15	Bottom Side	0mm	Ant 2	DSI 1	507000	2535	20.48	21.50	1.265	-	-	0.15	2.040	2.580
	FR1 n7	50M	QPSK	135	68	DFT-15	Bottom Side	15mm	Ant 2	DSI 3	507000	2535	24.51	25.50	1.256	-	-	-0.16	0.356	0.447
	FR1 n7	50M	QPSK	270	0	DFT-15	Bottom Side	0mm	Ant 2	DSI 1	507000	2535	20.36	21.50	1.300	-	-	0.06	1.880	2.444
	FR1 n7	50M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 3	DSI 1	507000	2535	20.48	22.00	1.419	-	-	-0.09	1.650	2.341
	FR1 n7	50M	QPSK	1	1	DFT-15	Left Side	5mm	Ant 3	DSI 3	507000	2535	23.06	24.50	1.393	-	-	0.09	0.713	0.993
	FR1 n7	50M	QPSK	135	68	DFT-15	Left Side	0mm	Ant 3	DSI 1	507000	2535	20.46	22.00	1.426	-	-	-0.13	1.720	2.452
	FR1 n7	50M	QPSK	135	68	DFT-15	Left Side	5mm	Ant 3	DSI 3	507000	2535	23.04	24.50	1.400	-	-	-0.01	0.842	1.178
	FR1 n7	50M	QPSK	270	0	DFT-15	Left Side	0mm	Ant 3	DSI 1	507000	2535	20.41	22.00	1.442	-	-	-0.05	1.610	2.322
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 1	DSI 1	518598	2592.99	19.48	21.00	1.419	-	-	-0.01	1.580	2.242
	FR1 n41	100M	QPSK	1	1	DFT-30	Top Side	5mm	Ant 1	DSI 3	518598	2592.99	23.58	25.00	1.387	-	-	-0.03	0.684	0.949
	FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 1	DSI 1	518598	2592.99	19.47	21.00	1.422	-	-	0.14	1.770	2.518
	FR1 n41	100M	QPSK	135	69	DFT-30	Top Side	5mm	Ant 1	DSI 3	518598	2592.99	23.55	25.00	1.396	-	-	0.19	0.843	1.177
	FR1 n41	100M	QPSK	270	0	DFT-30	Top Side	0mm	Ant 1	DSI 1	518598	2592.99	19.44	21.00	1.432	-	-	-0.17	1.600	2.292
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 2	DSI 1	518598	2592.99	19.00	20.20	1.318	-	-	0.01	0.982	1.295
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 2	DSI 1	518598	2592.99	19.00	20.20	1.318	-	-	-0.08	1.720	2.267
	FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	0mm	Ant 2	DSI 1	518598	2592.99	19.00	20.20	1.318	-	-	0.01	1.190	1.569
	FR1 n41	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	DSI 3	518598	2592.99	24.62	25.70	1.282	-	-	0.14	0.237	0.304
	FR1 n41	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	DSI 3	518598	2592.99	24.62	25.70	1.282	-	-	-0.01	0.356	0.457
	FR1 n41	100M	QPSK	1	1	DFT-30	Bottom Side	15mm	Ant 2	DSI 3	518598	2592.99	24.62	25.70	1.282	-	-	-0.1	0.389	0.499
	FR1 n41	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 2	DSI 1	518598	2592.99	18.87	20.20	1.358	-	-	0.13	0.952	1.293
	FR1 n41	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 2	DSI 1	518598	2592.99	18.87	20.20	1.358	-	-	0.09	1.580	2.146
	FR1 n41	100M	QPSK	135	69	DFT-30	Bottom Side	0mm	Ant 2	DSI 1	518598	2592.99	18.87	20.20	1.358	-	-	0.08	1.110	1.508
	FR1 n41	100M	QPSK	270	0	DFT-30	Back	0mm	Ant 2	DSI 1	518598	2592.99	18.81	20.20	1.377	-	-	-0.06	1.550	2.135
	FR1 n41	100M	QPSK	270	0	DFT-30	Bottom Side	0mm	Ant 2	DSI 1	518598	2592.99	18.81	20.20	1.377	-	-	-0.04	1.050	1.446
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 3	DSI 1	518598	2592.99	19.88	21.50	1.452	-	-	0	1.660	2.411
	FR1 n41	100M	QPSK	1	1	DFT-30	Left Side	5mm	Ant 3	DSI 3	518598	2592.99	23.42	25.00	1.439	-	-	-0.01	0.909	1.308
80	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 3	DSI 1	518598	2592.99	19.81	21.50	1.476	-	-	0.04	1.720	2.538
	FR1 n41	100M	QPSK	135	69	DFT-30	Left Side	5mm	Ant 3	DSI 3	518598	2592.99	23.40	25.00	1.445	-	-	0.02	1.030	1.489
	FR1 n41	100M	QPSK	270	0	DFT-30	Left Side	0mm	Ant 3	DSI 1	518598	2592.99	19.79	21.50	1.483	-	-	0.03	1.650	2.446
	FR1 n41	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 4	DSI 3	518598	2592.99	20.30	21.20	1.230	-	-	-0.19	1.820	2.239
	FR1 n41	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 4	DSI 3	518598	2592.99	20.15	21.20	1.274	-	-	0.07	1.710	2.178
	FR1 n41	100M	QPSK	270	0	DFT-30	Right Side	0mm	Ant 4	DSI 3	518598	2592.99	20.12	21.20	1.282	-	-	0.15	1.740	2.231
3500MHz																				
	FR1 n77 Part27Q	100M	QPSK	1	137	DFT-30	Back	0mm	Ant 7	DSI 1	633332	3499.98	15.34	16.50	1.306	-	-	-0.11	0.990	1.293
	FR1 n77 Part27Q PC2	100M	QPSK	1	137	DFT-30	Back	0mm	Ant 7	DSI 1	633332	3499.98	18.40	19.50	1.288	50	1.000	0.02	1.010	1.301
81	FR1 n77 Part27Q PC2	100M	QPSK	1	137	DFT-30	Back	5mm	Ant 7	DSI 3	633332	3499.98	22.94	24.00	1.276	50	1.000	0.08	1.150	1.468
	FR1 n77 Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 7	DSI 1	633332	3499.98	15.26	16.50	1.330	-	-	0.11	0.951	1.265
	FR1 n78 Part27Q	100M	QPSK	1	137	DFT-30	Back	0mm	Ant 7	DSI 1	633332	3499.98	15.55	17.00	1.396	-	-	-0.02	1.130	1.578
	FR1 n78 Part27Q	100M	QPSK	1	137	DFT-30	Back	5mm	Ant 7	DSI 3	633332	3499.98	19.50	21.00	1.413	-	-	-0.11	1.000	1.413
82	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 7	DSI 1	633332	3499.98	15.41	17.00	1.442	-	-	-0.09	1.150	1.658
	FR1 n78 Part27Q PC2	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 7	DSI 1	633332	3499.98	18.54	20.00	1.400	50	1.000	-0.12	1.170	1.638
	FR1 n78 Part27Q	100M	QPSK	135	69	DFT-30	Back	5mm	Ant 7	DSI 3	633332	3499.98	19.48	21.00	1.419	-	-	-0.1	1.020	1.447



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
5000MHz																
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 5+18	Standalone	54	5270	19.19	21.00	1.517	93.68	1.067	0.07	0.655	1.060
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 5+18	Standalone	54	5270	19.19	21.00	1.517	93.68	1.067	0.09	0.248	0.401
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 5+18	Standalone	54	5270	19.19	21.00	1.517	93.68	1.067	0.04	0.829	1.342
83	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5+18	Standalone	54	5270	19.19	21.00	1.517	93.68	1.067	0.18	1.370	2.218
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 5+18	Standalone	62	5310	18.12	20.00	1.542	93.68	1.067	0.09	0.990	1.629
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5+18	Simultaneous	58	5290	15.12	16.50	1.374	88.14	1.135	0.05	0.502	0.783
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+18	Simultaneous	58	5290	15.12	16.50	1.374	88.14	1.135	-0.02	0.255	0.398
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+18	Simultaneous	58	5290	15.12	16.50	1.374	88.14	1.135	0.06	0.593	0.925
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+18	Simultaneous	58	5290	15.12	16.50	1.374	88.14	1.135	-0.01	0.787	1.227
	WLAN5.3GHz	802.11ax-HE40 MCS0	Front	0mm	Ant 18	Standalone DBS	54	5270	17.79	19.50	1.483	92.46	1.082	0.11	0.761	1.221
	WLAN5.3GHz	802.11ax-HE40 MCS0	Back	0mm	Ant 18	Standalone DBS	54	5270	17.79	19.50	1.483	92.46	1.082	0.09	0.367	0.588
	WLAN5.3GHz	802.11ax-HE40 MCS0	Right Side	0mm	Ant 18	Standalone DBS	54	5270	17.79	19.50	1.483	92.46	1.082	0.04	0.974	1.563
	WLAN5.3GHz	802.11ax-HE40 MCS0	Top Side	0mm	Ant 18	Standalone DBS	54	5270	17.79	19.50	1.483	92.46	1.082	0.05	0.070	0.112
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 18	Simultaneous DBS	54	5270	16.02	17.50	1.406	93.68	1.067	0.12	0.550	0.825
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 18	Simultaneous DBS	54	5270	16.02	17.50	1.406	93.68	1.067	0.08	0.195	0.293
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 18	Simultaneous DBS	54	5270	16.02	17.50	1.406	93.68	1.067	-0.09	0.746	1.119
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 18	Simultaneous DBS	54	5270	16.02	17.50	1.406	93.68	1.067	0.07	0.047	0.071
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5+18	Standalone	138	5690	18.88	20.50	1.452	88.14	1.135	0.08	0.895	1.475
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+18	Standalone	138	5690	18.88	20.50	1.452	88.14	1.135	0.18	0.269	0.443
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+18	Standalone	138	5690	18.88	20.50	1.452	88.14	1.135	0.07	1.050	1.731
84	WLAN5.5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+18	Standalone	138	5690	18.88	20.50	1.452	88.14	1.135	0.01	1.060	1.747
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 5+18	Simultaneous	138	5690	17.52	19.00	1.406	88.14	1.135	0.12	0.711	1.135
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 5+18	Simultaneous	138	5690	17.52	19.00	1.406	88.14	1.135	0.11	0.214	0.342
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+18	Simultaneous	138	5690	17.52	19.00	1.406	88.14	1.135	-0.13	0.834	1.331
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+18	Simultaneous	138	5690	17.52	19.00	1.406	88.14	1.135	-0.16	0.842	1.344
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 18	Standalone DBS	122	5610	15.80	17.50	1.480	88.14	1.135	0.18	0.643	1.080
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 18	Standalone DBS	122	5610	15.80	17.50	1.480	88.14	1.135	0.02	0.233	0.391
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 18	Standalone DBS	122	5610	15.80	17.50	1.480	88.14	1.135	-0.18	1.010	1.696
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 18	Standalone DBS	122	5610	15.80	17.50	1.480	88.14	1.135	-0.07	0.134	0.225
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	0mm	Ant 18	Simultaneous DBS	138	5690	14.45	16.00	1.429	88.14	1.135	0.05	0.511	0.829
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	0mm	Ant 18	Simultaneous DBS	138	5690	14.45	16.00	1.429	88.14	1.135	-0.07	0.185	0.300
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 18	Simultaneous DBS	138	5690	14.45	16.00	1.429	88.14	1.135	0.01	0.802	1.301
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 18	Simultaneous DBS	138	5690	14.45	16.00	1.429	88.14	1.135	-0.04	0.106	0.172
	WLAN5.8GHz	802.11ax-HE80 MCS0	Right Side	0mm	Ant 5+18	Standalone	155	5775	19.35	21.00	1.462	86.84	1.152	0.12	1.470	2.476
85	WLAN5.8GHz	802.11ax-HE80 MCS0	Top Side	0mm	Ant 5+18	Standalone	155	5775	19.35	21.00	1.462	86.84	1.152	0.02	1.490	2.510
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 5+18	Simultaneous	155	5775	16.98	18.00	1.265	88.14	1.135	-0.01	0.928	1.332
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 5+18	Simultaneous	155	5775	16.98	18.00	1.265	88.14	1.135	0.08	0.940	1.349
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 18	Standalone DBS	155	5775	16.36	17.50	1.301	88.14	1.135	-0.12	1.430	2.111
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 18	Simultaneous DBS	155	5775	13.57	15.00	1.390	88.14	1.135	-0.13	0.835	1.317



<Inter CA&ENDC>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	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)	
1750MHz																			
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 1	20175	1732.5	18.48	19.50	1.265	-0.08	0.921	1.165	
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 3	20175	1732.5	21.95	23.00	1.274	-0.19	0.737	0.939	
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	DSI 1	20175	1732.5	18.41	19.50	1.285	0.16	1.000	1.285	
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI 3	20175	1732.5	21.94	23.00	1.276	-0.03	0.773	0.987	
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 1	20175	1732.5	17.58	18.50	1.236	-0.04	0.955	1.180	
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 1	20175	1732.5	17.58	18.50	1.236	0.15	0.576	0.712	
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	20175	1732.5	23.65	24.50	1.216	-0.03	0.276	0.336	
	LTE Band 4_Other PA Inter CA	20M	QPSK	1	0	-	Bottom Side	15mm	Ant 2	DSI 3	20175	1732.5	23.65	24.50	1.216	0.08	0.264	0.321	
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 1	20175	1732.5	17.52	18.50	1.253	-0.07	1.020	1.278	
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 1	20175	1732.5	17.52	18.50	1.253	0.02	0.622	0.779	
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	20175	1732.5	22.62	23.50	1.225	0.19	0.170	0.208	
	LTE Band 4_Other PA Inter CA	20M	QPSK	50	0	-	Bottom Side	15mm	Ant 2	DSI 3	20175	1732.5	22.62	23.50	1.225	0	0.219	0.268	
	LTE Band 66_Other PA	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 1	132322	1745	19.03	20.00	1.250	-0.05	0.977	1.222	
	LTE Band 66_Main PA	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 1	132322	1745	17.15	18.50	1.365	0.17	0.421	0.574	
	LTE Band 66_Other PA	20M	QPSK	1	0	-	Top Side	5mm	Ant 1	DSI 3	132322	1745	22.49	23.50	1.262	-0.16	0.841	1.061	
	LTE Band 66_Other PA	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	DSI 1	132322	1745	18.96	20.00	1.271	-0.01	1.000	1.271	
	LTE Band 66_Other PA	20M	QPSK	50	0	-	Top Side	5mm	Ant 1	DSI 3	132322	1745	22.46	23.50	1.271	0.04	0.869	1.104	
	LTE Band 66_Main PA	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 1	132322	1745	16.61	18.00	1.377	0.16	0.872	1.201	
	LTE Band 66_Main PA	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 1	132322	1745	16.61	18.00	1.377	0.03	0.619	0.852	
	LTE Band 66_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	132322	1745	23.07	24.50	1.390	0.05	0.223	0.310	
	LTE Band 66_Main PA	20M	QPSK	1	0	-	Bottom Side	15mm	Ant 2	DSI 3	132322	1745	23.07	24.50	1.390	-0.05	0.295	0.410	
	LTE Band 66_Main PA	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 1	132322	1745	16.60	18.00	1.380	-0.02	0.900	1.242	
	LTE Band 66_Main PA	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 1	132322	1745	16.60	18.00	1.380	-0.03	0.635	0.877	
	LTE Band 66_Main PA	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 3	132322	1745	23.01	24.50	1.409	0.03	0.182	0.256	
	LTE Band 66_Main PA	20M	QPSK	50	0	-	Bottom Side	15mm	Ant 2	DSI 3	132322	1745	23.01	24.50	1.409	-0.18	0.241	0.340	
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Top Side	0mm	Ant 1	DSI 1	349000	1745	18.25	19.50	1.334	-0.11	0.942	1.256	
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Top Side	5mm	Ant 1	DSI 3	349000	1745	22.29	23.50	1.321	0.07	0.787	1.040	
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Top Side	0mm	Ant 1	DSI 1	349000	1745	18.23	19.50	1.340	0.04	0.988	1.324	
	FR1 n66_Main PA	40M	QPSK	108	54	DFT-15	Top Side	0mm	Ant 1	DSI 1	349000	1745	16.38	18.00	1.452	0.03	0.552	0.802	
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Top Side	5mm	Ant 1	DSI 3	349000	1745	22.26	23.50	1.330	-0.09	0.796	1.059	
	FR1 n66_Main PA	40M	QPSK	1	1	DFT-15	Back	0mm	Ant 2	DSI 1	349000	1745	16.64	18.00	1.368	0.07	0.872	1.193	
	FR1 n66_Main PA	40M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 2	DSI 1	349000	1745	16.64	18.00	1.368	-0.14	0.662	0.905	
	FR1 n66_Main PA	40M	QPSK	1	1	DFT-15	Back	15mm	Ant 2	DSI 3	349000	1745	22.13	23.50	1.371	0.04	0.171	0.234	
	FR1 n66_Main PA	40M	QPSK	1	1	DFT-15	Bottom Side	15mm	Ant 2	DSI 3	349000	1745	22.13	23.50	1.371	-0.12	0.249	0.341	
	FR1 n66_Main PA	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 2	DSI 1	349000	1745	16.51	18.00	1.409	0.06	0.902	1.271	
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Back	0mm	Ant 2	DSI 1	349000	1745	16.58	17.50	1.236	0.09	0.779	0.963	
	FR1 n66_Main PA	40M	QPSK	108	54	DFT-15	Bottom Side	0mm	Ant 2	DSI 1	349000	1745	16.51	18.00	1.409	-0.17	0.697	0.982	
	FR1 n66_Main PA	40M	QPSK	108	54	DFT-15	Back	15mm	Ant 2	DSI 3	349000	1745	22.05	23.50	1.396	0.08	0.183	0.256	
	FR1 n66_Main PA	40M	QPSK	108	54	DFT-15	Bottom Side	15mm	Ant 2	DSI 3	349000	1745	22.05	23.50	1.396	0.15	0.259	0.362	
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 3	DSI 1	349000	1745	20.78	22.50	1.486	0.02	1.290	1.917	
	FR1 n66_Main PA	40M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 3	DSI 1	349000	1745	18.95	20.50	1.429	0.05	0.969	1.385	
	FR1 n66_Other PA	40M	QPSK	1	1	DFT-15	Left Side	5mm	Ant 3	DSI 3	349000	1745	23.76	25.50	1.493	0.02	0.774	1.155	
	FR1 n66_Other PA	40M	QPSK	108	54	DFT-15	Left Side	0mm	Ant 3	DSI 1	349000	1745	20.75	22.50	1.496	-0.17	1.210	1.810	
1900MHz																			
	LTE Band 2_Main PA	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 1	18900	1880	17.27	18.50	1.327	-0.16	1.020	1.354	
	LTE Band 2_Main PA	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 1	18900	1880	17.27	18.50	1.327	0.15	0.900	1.195	
	LTE Band 2_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	18700	1860	21.99	23.00	1.262	-0.02	0.206	0.260	
	LTE Band 2_Main PA	20M	QPSK	1	0	-	Bottom Side	15mm	Ant 2	DSI 3	18700	1860	21.99	23.00	1.262	0.19	0.281	0.355	
	LTE Band 2_Main PA	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 1	18900	1880	17.22	18.50	1.343	-0.18	1.000	1.343	
	LTE Band 2_Main PA	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 1	18900	1880	17.22	18.50	1.343	0.16	0.877	1.178	
2600MHz																			
	LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 1	21100	2535	17.35	18.50	1.303	0.12	1.030	1.342	



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LTE Band 7_Main PA	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 1	21100	2535	17.35	18.50	1.303	-0.03	0.852	1.110
LTE Band 7_Main PA	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 3	21100	2535	23.01	24.00	1.256	0.06	0.207	0.260
LTE Band 7_Main PA	20M	QPSK	1	0	-	Bottom Side	15mm	Ant 2	DSI 3	21100	2535	23.01	24.00	1.256	0.06	0.210	0.264
LTE Band 7_Main PA	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 1	21100	2535	17.27	18.50	1.327	0.08	1.000	1.327
LTE Band 7_Main PA	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 1	21100	2535	17.27	18.50	1.327	0.03	0.883	1.172
LTE Band 7_Main PA	20M	QPSK	1	0	-	Left Side	0mm	Ant 3	DSI 1	21100	2535	18.43	19.50	1.279	-0.16	1.010	1.292
LTE Band 7_Main PA	20M	QPSK	1	0	-	Left Side	5mm	Ant 3	DSI 3	21100	2535	23.04	24.00	1.247	-0.05	0.984	1.227
LTE Band 7_Main PA	20M	QPSK	50	0	-	Left Side	0mm	Ant 3	DSI 1	21100	2535	18.36	19.50	1.300	0.08	1.030	1.339
LTE Band 7_Main PA	20M	QPSK	50	0	-	Left Side	5mm	Ant 3	DSI 3	21100	2535	22.11	23.00	1.227	-0.09	0.806	0.989
LTE Band 41_Main PA	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 3	40620	2593	21.74	22.20	1.112	-0.15	1.160	1.297
LTE Band 41_Main PA	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 3	40620	2593	21.64	22.20	1.138	0.01	1.100	1.259
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Bottom Side	0mm	Ant 2	DSI 1	507000	2535	17.51	18.50	1.256	0.08	0.937	1.177
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Bottom Side	15mm	Ant 2	DSI 3	507000	2535	21.97	23.00	1.268	0.01	0.175	0.222
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Bottom Side	0mm	Ant 2	DSI 1	507000	2535	17.41	18.50	1.285	0.07	1.020	1.311
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Bottom Side	15mm	Ant 2	DSI 3	507000	2535	21.92	23.00	1.282	-0.17	0.200	0.256
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Left Side	0mm	Ant 3	DSI 1	507000	2535	17.65	19.00	1.365	0.05	0.827	1.129
FR1 n7_Main PA	50M	QPSK	1	1	DFT-15	Left Side	5mm	Ant 3	DSI 3	507000	2535	23.06	24.50	1.393	0.09	0.713	0.993
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Left Side	0mm	Ant 3	DSI 1	507000	2535	17.55	19.00	1.396	0.03	0.862	1.204
FR1 n7_Main PA	50M	QPSK	135	68	DFT-15	Left Side	5mm	Ant 3	DSI 3	507000	2535	23.04	24.50	1.400	-0.01	0.842	1.178
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Top Side	0mm	Ant 1	DSI 1	518598	2592.99	16.49	18.00	1.416	-0.17	0.792	1.121
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Top Side	5mm	Ant 1	DSI 3	518598	2592.99	22.55	24.00	1.396	-0.12	0.543	0.758
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Top Side	0mm	Ant 1	DSI 1	518598	2592.99	16.44	18.00	1.432	-0.03	0.887	1.270
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Top Side	5mm	Ant 1	DSI 3	518598	2592.99	22.47	24.00	1.422	-0.02	0.670	0.953
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Front	0mm	Ant 2	DSI 1	518598	2592.99	16.61	17.70	1.285	0.16	0.552	0.709
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	0mm	Ant 2	DSI 1	518598	2592.99	16.61	17.70	1.285	-0.18	0.967	1.243
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Bottom Side	0mm	Ant 2	DSI 1	518598	2592.99	16.61	17.70	1.285	-0.17	0.669	0.860
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Front	15mm	Ant 2	DSI 3	518598	2592.99	21.51	22.70	1.315	0.04	0.119	0.157
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Back	15mm	Ant 2	DSI 3	518598	2592.99	21.51	22.70	1.315	0.16	0.178	0.234
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Bottom Side	15mm	Ant 2	DSI 3	518598	2592.99	21.51	22.70	1.315	-0.05	0.195	0.256
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Front	0mm	Ant 2	DSI 1	518598	2592.99	16.56	17.70	1.300	0.13	0.535	0.696
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 2	DSI 1	518598	2592.99	16.56	17.70	1.300	0.11	0.888	1.155
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Bottom Side	0mm	Ant 2	DSI 1	518598	2592.99	16.56	17.70	1.300	0.02	0.624	0.811
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Left Side	0mm	Ant 3	DSI 1	518598	2592.99	16.78	18.50	1.486	0.08	0.832	1.236
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Left Side	5mm	Ant 3	DSI 3	518598	2592.99	22.38	24.00	1.452	-0.02	0.722	1.048
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Left Side	0mm	Ant 3	DSI 1	518598	2592.99	16.72	18.50	1.507	0.04	0.862	1.299
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Left Side	5mm	Ant 3	DSI 3	518598	2592.99	22.27	24.00	1.489	0.15	0.818	1.218
FR1 n41_Main PA	100M	QPSK	1	1	DFT-30	Right Side	0mm	Ant 4	DSI 3	518598	2592.99	18.89	19.70	1.205	-0.07	1.020	1.229
FR1 n41_Main PA	100M	QPSK	135	69	DFT-30	Right Side	0mm	Ant 4	DSI 3	518598	2592.99	18.89	19.70	1.205	-0.07	0.962	1.159

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	0mm	Ant 7	DSI 1	633332	3499.98	15.34	16.50	1.306	-	-	-0.11	0.990	1.293
	FR1 n77_Main PA Part27Q PC2	100M	QPSK	1	137	DFT-30	Back	0mm	Ant 7	DSI 1	633332	3499.98	18.40	19.50	1.288	50	1.000	0.02	1.010	1.301
	FR1 n77_Main PA Part27Q	100M	QPSK	1	137	DFT-30	Back	5mm	Ant 7	DSI 3	633332	3499.98	17.92	19.00	1.282	-	-	0.08	0.755	0.968
	FR1 n77_Main PA Part27Q	100M	QPSK	135	69	DFT-30	Back	0mm	Ant 7	DSI 1	633332	3499.98	15.26	16.50	1.330	-	-	0.11	0.951	1.265



15.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	GSM850	-	-	-	-	GPRS (4 Tx slots)	Right Cheek	0mm	Ant 1	DSI 0	251	848.8	25.34	26.50	1.306	-	-	-0.06	0.812	1	1.061
2nd	GSM850	-	-	-	-	GPRS (4 Tx slots)	Right Cheek	0mm	Ant 1	DSI 0	251	848.8	25.34	26.50	1.306	-	-	-0.04	0.800	1.015	1.045
1st	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 4	DSI 0	40620	2593	20.82	21.20	1.091	62.9	1.006	0.06	0.870	1	0.955
2nd	LTE Band 41	20M	QPSK	50	0	-	Right Cheek	0mm	Ant 4	DSI 0	40620	2593	20.82	21.20	1.091	62.9	1.006	0.04	0.851	1.022	0.934
1st	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 2	DSI 4	1413	1732.6	21.61	22.00	1.094	-	-	0.14	0.973	1	1.064
2nd	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 2	DSI 4	1413	1732.6	21.61	22.00	1.094	-	-	0.11	0.955	1.019	1.045
1st	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 2	DSI 4	9400	1880	20.68	21.00	1.076	-	-	-0.19	0.914	1	0.984
2nd	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	10mm	Ant 2	DSI 4	9400	1880	20.68	21.00	1.076	-	-	-0.17	0.902	1.013	0.971

<10g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 2	DSI 1	1413	1732.6	22.73	23.00	1.064	-	-	0.01	2.160	1	2.299
2nd	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 2	DSI 1	1413	1732.6	22.73	23.00	1.064	-	-	0.02	2.110	1.024	2.245
1st	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 1	9262	1852.4	20.60	21.00	1.096	-	-	0.07	2.310	1	2.533
2nd	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 1	9262	1852.4	20.60	21.00	1.096	-	-	0.05	2.240	1.031	2.456
1st	FR1 n7	50M	QPSK	135	68	DFT-15	Bottom Side	0mm	Ant 2	DSI 1	507000	2535	20.48	21.50	1.265	-	-	0.15	2.040	1	2.580
2nd	FR1 n7	50M	QPSK	135	68	DFT-15	Bottom Side	0mm	Ant 2	DSI 1	507000	2535	20.48	21.50	1.265	-	-	0.11	1.980	1.030	2.504

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 ≤ 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.



15.6 NR Linearity Data Analysis

General Note:

This device support Power Class 2 and Power Class 3 operations for 5GNR n77/n78. 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 5GNR 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 for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

Head			Hotspot		
FR1 n77_Ant 1(HPUE)-Linearity Data for DSI 0			FR1 n77_Ant 1(HPUE)-Linearity Data for DSI 4		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	19.50	22.50
Reported 1g SAR (W/kg)	1.070	1.015	Reported 1g SAR (W/kg)	0.502	0.497
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	89.13	88.91
Linearity SAR (W/kg)	1.067		Linearity SAR (W/kg)	0.501	
% deviation from expected linearity		-4.91%	% deviation from expected linearity		-0.76%
FR1 n77_Ant 5(HPUE)-Linearity Data for DSI 0			FR1 n77_Ant 5(HPUE)-Linearity Data for DSI 4		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.50	Maximum Tune up Power (dBm)	19.50	22.50
Reported 1g SAR (W/kg)	1.087	1.066	Reported 1g SAR (W/kg)	0.474	0.458
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	89.13	88.91
Linearity SAR (W/kg)	1.084		Linearity SAR (W/kg)	0.473	
% deviation from expected linearity		-1.70%	% deviation from expected linearity		-3.15%
FR1 n77_Ant 6(HPUE)-Linearity Data for DSI 0			FR1 n77_Ant 6(HPUE)-Linearity Data for DSI 4		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	17.50	20.50	Maximum Tune up Power (dBm)	17.50	20.50
Reported 1g SAR (W/kg)	0.982	0.970	Reported 1g SAR (W/kg)	0.329	0.309
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	56.23	56.10	Frame Averaged (mW)	56.23	56.10
Linearity SAR (W/kg)	0.980		Linearity SAR (W/kg)	0.328	
% deviation from expected linearity		-0.99%	% deviation from expected linearity		-5.86%
FR1 n77_Ant 7(HPUE)-Linearity Data for DSI 0			FR1 n77_Ant 7(HPUE)-Linearity Data for DSI 4		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00	Maximum Tune up Power (dBm)	16.50	19.50
Reported 1g SAR (W/kg)	0.418	0.418	Reported 1g SAR (W/kg)	0.684	0.670
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	199.05	Frame Averaged (mW)	44.67	44.56
Linearity SAR (W/kg)	0.417		Linearity SAR (W/kg)	0.682	
% deviation from expected linearity		0.24%	% deviation from expected linearity		-1.81%
FR1 n78_Ant 7(HPUE)-Linearity Data for DSI 0					
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)			
Maximum Tune up Power (dBm)	24.50	27.50			
Reported 1g SAR (W/kg)	0.887	0.890			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	281.84	281.17			
Linearity SAR (W/kg)	0.885				
% deviation from expected linearity		0.58%			



Extrimity			Body-Worn		
FR1 n77_Ant 7(HPUE)-Linearity Data for DSI 1			FR1 n77_Ant 1(HPUE)-Linearity Data for DSI 3		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	23.00	26.00
Reported 10g SAR (W/kg)	1.293	1.301	Reported 1g SAR (W/kg)	0.386	0.392
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	1.290		Linearity SAR (W/kg)	0.385	
% deviation from expected linearity		0.86%	% deviation from expected linearity		1.80%
FR1 n78_Ant 7(HPUE)-Linearity Data for DSI 1			FR1 n77_Ant 5(HPUE)-Linearity Data for DSI 3		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	17.00	20.00	Maximum Tune up Power (dBm)	20.00	23.00
Reported 10g SAR (W/kg)	1.658	1.638	Reported 1g SAR (W/kg)	0.179	0.169
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	50.12	50.00	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	1.654		Linearity SAR (W/kg)	0.179	
% deviation from expected linearity		-0.97%	% deviation from expected linearity		-5.36%
			FR1 n77_Ant 6(HPUE)-Linearity Data for DSI 3		
				FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
			Maximum Tune up Power (dBm)	19.50	22.50
			Reported 1g SAR (W/kg)	0.323	0.311
			Duty Cycle	100.00%	50.00%
			Frame Averaged (mW)	89.13	88.91
			Linearity SAR (W/kg)	0.322	
			% deviation from expected linearity		-3.49%
			FR1 n77_Ant 7(HPUE)-Linearity Data for DSI 3		
				FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
			Maximum Tune up Power (dBm)	21.00	24.00
			Reported 1g SAR (W/kg)	0.854	0.860
			Duty Cycle	100.00%	50.00%
			Frame Averaged (mW)	125.89	125.59
			Linearity SAR (W/kg)	0.852	
			% deviation from expected linearity		0.94%
			FR1 n78_Ant 1(HPUE)-Linearity Data for DSI 3		
				FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
			Maximum Tune up Power (dBm)	23.50	26.50
			Reported 1g SAR (W/kg)	0.542	0.546
			Duty Cycle	100.00%	50.00%
			Frame Averaged (mW)	223.87	223.34
			Linearity SAR (W/kg)	0.541	
			% deviation from expected linearity		0.98%
			FR1 n78_Ant 5(HPUE)-Linearity Data for DSI 3		
				FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
			Maximum Tune up Power (dBm)	20.50	23.50
			Reported 1g SAR (W/kg)	0.140	0.134
			Duty Cycle	100.00%	50.00%
			Frame Averaged (mW)	112.20	111.94
			Linearity SAR (W/kg)	0.140	
			% deviation from expected linearity		-4.06%



<ENDC>

Head			Hotspot		
FR1 n77_Ant 1(HPUE)-Linearity Data for DSI 0			FR1 n77_Ant 1(HPUE)-Linearity Data for DSI 4		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	17.00	20.00	Maximum Tune up Power (dBm)	17.00	20.00
Reported 1g SAR (W/kg)	0.518	0.506	Reported 1g SAR (W/kg)	0.285	0.274
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	50.12	50.00	Frame Averaged (mW)	50.12	50.00
Linearity SAR (W/kg)	0.517		Linearity SAR (W/kg)	0.284	
% deviation from expected linearity		-2.08%	% deviation from expected linearity		-3.63%
FR1 n77_Ant 5(HPUE)-Linearity Data for DSI 0			FR1 n77_Ant 5(HPUE)-Linearity Data for DSI 4		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	16.50	19.50
Reported 1g SAR (W/kg)	0.581	0.576	Reported 1g SAR (W/kg)	0.257	0.262
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	44.67	44.56
Linearity SAR (W/kg)	0.580		Linearity SAR (W/kg)	0.256	
% deviation from expected linearity		-0.63%	% deviation from expected linearity		2.19%
FR1 n77_Ant 6(HPUE)-Linearity Data for DSI 0			FR1 n77_Ant 6(HPUE)-Linearity Data for DSI 4		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	15.00	18.00	Maximum Tune up Power (dBm)	15.00	18.00
Reported 1g SAR (W/kg)	0.546	0.540	Reported 1g SAR (W/kg)	0.199	0.190
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	31.62	31.55	Frame Averaged (mW)	31.62	31.55
Linearity SAR (W/kg)	0.545		Linearity SAR (W/kg)	0.199	
% deviation from expected linearity		-0.86%	% deviation from expected linearity		-4.30%
FR1 n77_Ant 7(HPUE)-Linearity Data for DSI 0			FR1 n77_Ant 7(HPUE)-Linearity Data for DSI 4		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00	Maximum Tune up Power (dBm)	15.50	18.50
Reported 1g SAR (W/kg)	0.418	0.418	Reported 1g SAR (W/kg)	0.551	0.543
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	199.05	Frame Averaged (mW)	35.48	35.40
Linearity SAR (W/kg)	0.417		Linearity SAR (W/kg)	0.550	
% deviation from expected linearity		0.24%	% deviation from expected linearity		-1.22%
FR1 n78_Ant 7(HPUE)-Linearity Data for DSI 0					
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)			
Maximum Tune up Power (dBm)	22.50	25.50			
Reported 1g SAR (W/kg)	0.544	0.574			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	177.83	177.41			
Linearity SAR (W/kg)	0.543				
% deviation from expected linearity		5.77%			



Extrimity			Body-Worn		
FR1 n77_Ant 7(HPUE)-Linearity Data for DSI 1			FR1 n77_Ant 1(HPUE)-Linearity Data for DSI 3		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	23.00	26.00
Reported 10g SAR (W/kg)	1.293	1.301	Reported 1g SAR (W/kg)	0.386	0.392
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	1.290		Linearity SAR (W/kg)	0.385	
% deviation from expected linearity		0.86%	% deviation from expected linearity		1.80%
			FR1 n77_Ant 5(HPUE)-Linearity Data for DSI 3		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	19.50	22.50	Maximum Tune up Power (dBm)	19.50	22.50
Reported 1g SAR (W/kg)	0.158	0.151	Reported 1g SAR (W/kg)	0.158	0.151
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	89.13	88.91
Linearity SAR (W/kg)	0.158		Linearity SAR (W/kg)	0.158	
% deviation from expected linearity		-4.20%	% deviation from expected linearity		-4.20%
			FR1 n77_Ant 6(HPUE)-Linearity Data for DSI 3		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	0.287	0.275	Reported 1g SAR (W/kg)	0.287	0.275
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	0.286		Linearity SAR (W/kg)	0.286	
% deviation from expected linearity		-3.95%	% deviation from expected linearity		-3.95%
			FR1 n77_Ant 7(HPUE)-Linearity Data for DSI 3		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	0.538	0.526	Reported 1g SAR (W/kg)	0.538	0.526
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	0.537		Linearity SAR (W/kg)	0.537	
% deviation from expected linearity		-2.00%	% deviation from expected linearity		-2.00%
			FR1 n78_Ant 1(HPUE)-Linearity Data for DSI 3		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	23.50	26.50	Maximum Tune up Power (dBm)	23.50	26.50
Reported 1g SAR (W/kg)	0.542	0.546	Reported 1g SAR (W/kg)	0.542	0.546
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	223.87	223.34	Frame Averaged (mW)	223.87	223.34
Linearity SAR (W/kg)	0.541		Linearity SAR (W/kg)	0.541	
% deviation from expected linearity		0.98%	% deviation from expected linearity		0.98%
			FR1 n78_Ant 5(HPUE)-Linearity Data for DSI 3		
	FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)		FR1 n77 (Power Class 3)	FR1 n77 (Power Class 2)
Maximum Tune up Power (dBm)	20.50	23.50	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	0.140	0.134	Reported 1g SAR (W/kg)	0.140	0.134
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	112.20	111.94	Frame Averaged (mW)	112.20	111.94
Linearity SAR (W/kg)	0.140		Linearity SAR (W/kg)	0.140	
% deviation from expected linearity		-4.06%	% deviation from expected linearity		-4.06%

16. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	WWAN + WLAN 2.4GHz	Yes	Yes	Yes	Yes
2.	WWAN + WLAN 5GHz	Yes	Yes	Yes	Yes
3.	WWAN + Bluetooth	Yes	Yes	Yes	Yes
4.	WLAN 5GHz SISO(ANT5) /MIMO + Bluetooth	Yes	Yes	Yes	Yes
5.	WLAN 2.4GHz SISO(ANT6)/MIMO + Bluetooth	Yes	Yes	Yes	Yes
6.	WLAN 2.4GHz SISO (ANT17)+ WLAN 5GHz SISO (ANT18)	Yes	Yes	Yes	Yes
7.	WWAN + WLAN 5GHz SISO(ANT5) /MIMO + Bluetooth	Yes	Yes	Yes	Yes
8.	WWAN + WLAN 2.4GHz SISO(ANT6)/MIMO + Bluetooth	Yes	Yes	Yes	Yes
9.	WWAN + WLAN 2.4GHz SISO (ANT17) + WLAN 5GHz SISO (ANT18)	Yes	Yes	Yes	Yes
10.	WWAN + WLAN 2.4GHz + NFC				Yes
11.	WWAN + WLAN 5GHz + NFC				Yes
12.	WWAN + Bluetooth + NFC				Yes
13.	WLAN 5GHz SISO(ANT5) /MIMO + Bluetooth + NFC				Yes
14.	WLAN 2.4GHz SISO(ANT6)/MIMO + Bluetooth + NFC				Yes
15.	WLAN 2.4GHz SISO (ANT17) + WLAN 5GHz SISO (ANT18) + NFC				Yes
16.	WWAN + WLAN 5GHz SISO(ANT5) /MIMO + Bluetooth + NFC				Yes
17.	WWAN + WLAN 2.4GHz SISO(ANT6)/MIMO + Bluetooth + NFC				Yes
18.	WWAN + WLAN 2.4GHz SISO (ANT17) + WLAN 5GHz SISO (ANT18) + NFC				Yes

General Note:

1. This device supports VoIP in GPRS, EGPRS, WCDMA and LTE (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. WWAN above includes 5G NR bands and EN-DC combination.
3. The 2.4GHz/5GHz WLAN can transmit in SISO and MIMO antenna mode.
4. EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
5. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
6. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only).
7. According to the EUT characteristic, WLAN5GHz and Bluetooth can transmit simultaneously.
8. According to the EUT characteristic, WLAN 5GHz ant18 and WLAN 2.4GHz ant17 can transmit simultaneously, WLAN 5GHz ant5/MIMO and WLAN 2.4GHz ant6/MIMO cannot transmit simultaneously.
9. According to the EUT characteristic, WLAN 2.4GHz Ant17 and Bluetooth share the same antenna and they cannot transmit simultaneously each other, and WLAN 2.4GHz Ant6 and Bluetooth can transmit simultaneously.
10. NFC can transmit simultaneously with other Radios in extremity exposure condition.
11. The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
12. When stand-alone SAR is not required for a transmitter or antenna, its SAR is considered zero in the SAR summing process to assess Multi-band transmission SAR compliance.
13. For standalone WWAN, always choose the highest SAR among all WWAN bands within the selected antenna for each exposure position to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each bands.
14. For inter-band UL CA SAR co-located with WLAN/Bluetooth, chose the worst SAR among all LTE Bands within the selected antenna per each test position to do co-located with WLAN/Bluetooth. This is the worst co-located analysis and can represent each LTE bands.
15. For EN-DC SAR co-located with WLAN/Bluetooth, chose the worst SAR among all LTE Bands within the selected antenna per each test position and also the worst SAR of all 5GNR Bands within the selected antenna to do co-located with WLAN/Bluetooth. This is the worst co-located analysis and can represent each LTE bands and each 5GNR bands.
16. The maximum SAR summation is calculated based on the same configuration and test position.
17. For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2 transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously transmission.



18. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
- i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
 - ii) SPLSR = (SAR1 + SAR2)^{1.5} / (min. separation distance, mm), and the peak separation distance is determined from the square root of [(x1-x2)² + (y1-y2)² + (z1-z2)²], where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If SPLSR ≤ 0.04 for 1g SAR and SPLSR ≤ 0.10 for 10g SAR, simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.

16.1 Head Exposure Conditions

WWAN Band	Exposure Position	1	3	4	10	11	17	1+3+17	1+10+17	1+4+11
		WWAN	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
		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)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Right Cheek	0.276	0.335	0.210	0.193	0.093	0.111	0.72	0.58	0.58
	Right Tilted	0.157	0.361	0.249	0.232	0.065	0.140	0.66	0.53	0.47
	Left Cheek	0.310	0.414	0.187	0.405	0.258	0.084	0.81	0.80	0.76
	Left Tilted	0.153	0.378	0.234	0.434	0.211	0.072	0.60	0.66	0.60
Ant 1	Right Cheek	1.080	0.335	0.210	0.193	0.093	0.111	1.53	1.38	1.38
	Right Tilted	1.070	0.361	0.249	0.232	0.065	0.140	1.57	1.44	1.38
	Left Cheek	0.545	0.414	0.187	0.405	0.258	0.084	1.04	1.03	0.99
	Left Tilted	0.627	0.378	0.234	0.434	0.211	0.072	1.08	1.13	1.07
Ant 2	Right Cheek	0.331	0.335	0.210	0.193	0.093	0.111	0.78	0.64	0.63
	Right Tilted	0.194	0.361	0.249	0.232	0.065	0.140	0.70	0.57	0.51
	Left Cheek	0.422	0.414	0.187	0.405	0.258	0.084	0.92	0.91	0.87
	Left Tilted	0.208	0.378	0.234	0.434	0.211	0.072	0.66	0.71	0.65
Ant 3	Right Cheek	1.092	0.335	0.210	0.193	0.093	0.111	1.54	1.40	1.40
	Right Tilted	0.334	0.361	0.249	0.232	0.065	0.140	0.84	0.71	0.65
	Left Cheek	0.884	0.414	0.187	0.405	0.258	0.084	1.38	1.37	1.33
	Left Tilted	0.235	0.378	0.234	0.434	0.211	0.072	0.69	0.74	0.68
Ant 4	Right Cheek	1.089	0.335	0.210	0.193	0.093	0.111	1.54	1.39	1.39
	Right Tilted	0.170	0.361	0.249	0.232	0.065	0.140	0.67	0.54	0.48
	Left Cheek	1.094	0.414	0.187	0.405	0.258	0.084	1.59	1.58	1.54
	Left Tilted	0.274	0.378	0.234	0.434	0.211	0.072	0.72	0.78	0.72
Ant 5	Right Cheek	0.391	0.335	0.210	0.193	0.093	0.111	0.84	0.70	0.69
	Right Tilted	0.502	0.361	0.249	0.232	0.065	0.140	1.00	0.87	0.82
	Left Cheek	0.623	0.414	0.187	0.405	0.258	0.084	1.12	1.11	1.07
	Left Tilted	1.087	0.378	0.234	0.434	0.211	0.072	1.54	1.59	1.53
Ant 6	Right Cheek	0.174	0.335	0.210	0.193	0.093	0.111	0.62	0.48	0.48
	Right Tilted	0.118	0.361	0.249	0.232	0.065	0.140	0.62	0.49	0.43
	Left Cheek	0.982	0.414	0.187	0.405	0.258	0.084	1.48	1.47	1.43
	Left Tilted	0.337	0.378	0.234	0.434	0.211	0.072	0.79	0.84	0.78
Ant 7	Right Cheek	0.890	0.335	0.210	0.193	0.093	0.111	1.34	1.19	1.19
	Right Tilted	0.265	0.361	0.249	0.232	0.065	0.140	0.77	0.64	0.58
	Left Cheek	0.531	0.414	0.187	0.405	0.258	0.084	1.03	1.02	0.98
	Left Tilted	0.145	0.378	0.234	0.434	0.211	0.072	0.60	0.65	0.59

Exposure Position	4	11	4+11
	WLAN2.4GHz Ant 17	WLAN5GHz Ant 18	Summed
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Right Cheek	0.418	0.343	0.76
Right Tilted	0.496	0.239	0.74
Left Cheek	0.372	0.973	1.35
Left Tilted	0.464	0.798	1.26



< ENDC >

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	10	11	17	1+2+3+17	1+2+10+17	1+2+4+11
			WWAN	FR1	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
			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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 0	FR1 Ant 1	Right Cheek	0.276	0.549	0.335	0.210	0.193	0.093	0.111	1.27	1.13	1.13
		Right Tilted	0.157	0.534	0.361	0.249	0.232	0.065	0.140	1.19	1.06	1.01
		Left Cheek	0.310	0.296	0.414	0.187	0.405	0.258	0.084	1.10	1.10	1.05
		Left Tilted	0.153	0.287	0.378	0.234	0.434	0.211	0.072	0.89	0.95	0.89
LTE Ant 0	FR1 Ant 2	Right Cheek	0.276	0.259	0.335	0.210	0.193	0.093	0.111	0.98	0.84	0.84
		Right Tilted	0.157	0.173	0.361	0.249	0.232	0.065	0.140	0.83	0.70	0.64
		Left Cheek	0.310	0.409	0.414	0.187	0.405	0.258	0.084	1.22	1.21	1.16
		Left Tilted	0.153	0.177	0.378	0.234	0.434	0.211	0.072	0.78	0.84	0.78
LTE Ant 0	FR1 Ant 3	Right Cheek	0.276	0.551	0.335	0.210	0.193	0.093	0.111	1.27	1.13	1.13
		Right Tilted	0.157	0.169	0.361	0.249	0.232	0.065	0.140	0.83	0.70	0.64
		Left Cheek	0.310	0.416	0.414	0.187	0.405	0.258	0.084	1.22	1.22	1.17
		Left Tilted	0.153	0.090	0.378	0.234	0.434	0.211	0.072	0.69	0.75	0.69
LTE Ant 0	FR1 Ant 4	Right Cheek	0.276	0.550	0.335	0.210	0.193	0.093	0.111	1.27	1.13	1.13
		Right Tilted	0.157	0.088	0.361	0.249	0.232	0.065	0.140	0.75	0.62	0.56
		Left Cheek	0.310	0.359	0.414	0.187	0.405	0.258	0.084	1.17	1.16	1.11
		Left Tilted	0.153	0.131	0.378	0.234	0.434	0.211	0.072	0.73	0.79	0.73
LTE Ant 0	FR1 Ant 5	Right Cheek	0.276	0.201	0.335	0.210	0.193	0.093	0.111	0.92	0.78	0.78
		Right Tilted	0.157	0.257	0.361	0.249	0.232	0.065	0.140	0.92	0.79	0.73
		Left Cheek	0.310	0.333	0.414	0.187	0.405	0.258	0.084	1.14	1.13	1.09
		Left Tilted	0.153	0.581	0.378	0.234	0.434	0.211	0.072	1.18	1.24	1.18
LTE Ant 0	FR1 Ant 6	Right Cheek	0.276	0.098	0.335	0.210	0.193	0.093	0.111	0.82	0.68	0.68
		Right Tilted	0.157	0.068	0.361	0.249	0.232	0.065	0.140	0.73	0.60	0.54
		Left Cheek	0.310	0.546	0.414	0.187	0.405	0.258	0.084	1.35	1.35	1.30
		Left Tilted	0.153	0.191	0.378	0.234	0.434	0.211	0.072	0.79	0.85	0.79
LTE Ant 0	FR1 Ant 7	Right Cheek	0.276	0.574	0.335	0.210	0.193	0.093	0.111	1.30	1.15	1.15
		Right Tilted	0.157	0.265	0.361	0.249	0.232	0.065	0.140	0.92	0.79	0.74
		Left Cheek	0.310	0.328	0.414	0.187	0.405	0.258	0.084	1.14	1.13	1.08
		Left Tilted	0.153	0.145	0.378	0.234	0.434	0.211	0.072	0.75	0.80	0.74
LTE Ant 1	FR1 Ant 0	Right Cheek	0.559	0.242	0.335	0.210	0.193	0.093	0.111	1.25	1.11	1.10
		Right Tilted	0.516	0.157	0.361	0.249	0.232	0.065	0.140	1.17	1.05	0.99
		Left Cheek	0.316	0.299	0.414	0.187	0.405	0.258	0.084	1.11	1.10	1.06
		Left Tilted	0.365	0.142	0.378	0.234	0.434	0.211	0.072	0.96	1.01	0.95
LTE Ant 1	FR1 Ant 1	Right Cheek	0.559	0.549	0.335	0.210	0.193	0.093	0.111	1.55	1.41	1.41
		Right Tilted	0.516	0.534	0.361	0.249	0.232	0.065	0.140	1.55	1.42	1.36
		Left Cheek	0.316	0.296	0.414	0.187	0.405	0.258	0.084	1.11	1.10	1.06
		Left Tilted	0.365	0.287	0.378	0.234	0.434	0.211	0.072	1.10	1.16	1.10
LTE Ant 1	FR1 Ant 2	Right Cheek	0.559	0.259	0.335	0.210	0.193	0.093	0.111	1.26	1.12	1.12
		Right Tilted	0.516	0.173	0.361	0.249	0.232	0.065	0.140	1.19	1.06	1.00
		Left Cheek	0.316	0.409	0.414	0.187	0.405	0.258	0.084	1.22	1.21	1.17
		Left Tilted	0.365	0.177	0.378	0.234	0.434	0.211	0.072	0.99	1.05	0.99
LTE Ant 1	FR1 Ant 3	Right Cheek	0.559	0.551	0.335	0.210	0.193	0.093	0.111	1.56	1.41	1.41
		Right Tilted	0.516	0.169	0.361	0.249	0.232	0.065	0.140	1.19	1.06	1.00
		Left Cheek	0.316	0.416	0.414	0.187	0.405	0.258	0.084	1.23	1.22	1.18
		Left Tilted	0.365	0.090	0.378	0.234	0.434	0.211	0.072	0.91	0.96	0.90
LTE Ant 1	FR1 Ant 4	Right Cheek	0.559	0.550	0.335	0.210	0.193	0.093	0.111	1.56	1.41	1.41
		Right Tilted	0.516	0.088	0.361	0.249	0.232	0.065	0.140	1.11	0.98	0.92
		Left Cheek	0.316	0.359	0.414	0.187	0.405	0.258	0.084	1.17	1.16	1.12
		Left Tilted	0.365	0.131	0.378	0.234	0.434	0.211	0.072	0.95	1.00	0.94
LTE Ant 1	FR1 Ant 5	Right Cheek	0.559	0.201	0.335	0.210	0.193	0.093	0.111	1.21	1.06	1.06
		Right Tilted	0.516	0.257	0.361	0.249	0.232	0.065	0.140	1.27	1.15	1.09



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		Left Cheek	0.316	0.333	0.414	0.187	0.405	0.258	0.084	1.15	1.14	1.09
		Left Tilted	0.365	0.581	0.378	0.234	0.434	0.211	0.072	1.40	1.45	1.39
LTE Ant 1	FR1 Ant 6	Right Cheek	0.559	0.098	0.335	0.210	0.193	0.093	0.111	1.10	0.96	0.96
		Right Tilted	0.516	0.068	0.361	0.249	0.232	0.065	0.140	1.09	0.96	0.90
		Left Cheek	0.316	0.546	0.414	0.187	0.405	0.258	0.084	1.36	1.35	1.31
		Left Tilted	0.365	0.191	0.378	0.234	0.434	0.211	0.072	1.01	1.06	1.00
LTE Ant 1	FR1 Ant 7	Right Cheek	0.559	0.574	0.335	0.210	0.193	0.093	0.111	1.58	1.44	1.44
		Right Tilted	0.516	0.265	0.361	0.249	0.232	0.065	0.140	1.28	1.15	1.10
		Left Cheek	0.316	0.328	0.414	0.187	0.405	0.258	0.084	1.14	1.13	1.09
		Left Tilted	0.365	0.145	0.378	0.234	0.434	0.211	0.072	0.96	1.02	0.96
LTE Ant 2	FR1 Ant 0	Right Cheek	0.306	0.242	0.335	0.210	0.193	0.093	0.111	0.99	0.85	0.85
		Right Tilted	0.194	0.157	0.361	0.249	0.232	0.065	0.140	0.85	0.72	0.67
		Left Cheek	0.422	0.299	0.414	0.187	0.405	0.258	0.084	1.22	1.21	1.17
		Left Tilted	0.177	0.142	0.378	0.234	0.434	0.211	0.072	0.77	0.83	0.76
LTE Ant 2	FR1 Ant 1	Right Cheek	0.306	0.549	0.335	0.210	0.193	0.093	0.111	1.30	1.16	1.16
		Right Tilted	0.194	0.534	0.361	0.249	0.232	0.065	0.140	1.23	1.10	1.04
		Left Cheek	0.422	0.296	0.414	0.187	0.405	0.258	0.084	1.22	1.21	1.16
		Left Tilted	0.177	0.287	0.378	0.234	0.434	0.211	0.072	0.91	0.97	0.91
LTE Ant 2	FR1 Ant 2	Right Cheek	0.306	0.259	0.335	0.210	0.193	0.093	0.111	1.01	0.87	0.87
		Right Tilted	0.194	0.173	0.361	0.249	0.232	0.065	0.140	0.87	0.74	0.68
		Left Cheek	0.422	0.409	0.414	0.187	0.405	0.258	0.084	1.33	1.32	1.28
		Left Tilted	0.177	0.177	0.378	0.234	0.434	0.211	0.072	0.80	0.86	0.80
LTE Ant 2	FR1 Ant 3	Right Cheek	0.306	0.551	0.335	0.210	0.193	0.093	0.111	1.30	1.16	1.16
		Right Tilted	0.194	0.169	0.361	0.249	0.232	0.065	0.140	0.86	0.74	0.68
		Left Cheek	0.422	0.416	0.414	0.187	0.405	0.258	0.084	1.34	1.33	1.28
		Left Tilted	0.177	0.090	0.378	0.234	0.434	0.211	0.072	0.72	0.77	0.71
LTE Ant 2	FR1 Ant 4	Right Cheek	0.306	0.550	0.335	0.210	0.193	0.093	0.111	1.30	1.16	1.16
		Right Tilted	0.194	0.088	0.361	0.249	0.232	0.065	0.140	0.78	0.65	0.60
		Left Cheek	0.422	0.359	0.414	0.187	0.405	0.258	0.084	1.28	1.27	1.23
		Left Tilted	0.177	0.131	0.378	0.234	0.434	0.211	0.072	0.76	0.81	0.75
LTE Ant 2	FR1 Ant 5	Right Cheek	0.306	0.201	0.335	0.210	0.193	0.093	0.111	0.95	0.81	0.81
		Right Tilted	0.194	0.257	0.361	0.249	0.232	0.065	0.140	0.95	0.82	0.77
		Left Cheek	0.422	0.333	0.414	0.187	0.405	0.258	0.084	1.25	1.24	1.20
		Left Tilted	0.177	0.581	0.378	0.234	0.434	0.211	0.072	1.21	1.26	1.20
LTE Ant 2	FR1 Ant 6	Right Cheek	0.306	0.098	0.335	0.210	0.193	0.093	0.111	0.85	0.71	0.71
		Right Tilted	0.194	0.068	0.361	0.249	0.232	0.065	0.140	0.76	0.63	0.58
		Left Cheek	0.422	0.546	0.414	0.187	0.405	0.258	0.084	1.47	1.46	1.41
		Left Tilted	0.177	0.191	0.378	0.234	0.434	0.211	0.072	0.82	0.87	0.81
LTE Ant 2	FR1 Ant 7	Right Cheek	0.306	0.574	0.335	0.210	0.193	0.093	0.111	1.33	1.18	1.18
		Right Tilted	0.194	0.265	0.361	0.249	0.232	0.065	0.140	0.96	0.83	0.77
		Left Cheek	0.422	0.328	0.414	0.187	0.405	0.258	0.084	1.25	1.24	1.20
		Left Tilted	0.177	0.145	0.378	0.234	0.434	0.211	0.072	0.77	0.83	0.77
LTE Ant 3	FR1 Ant 0	Right Cheek	0.570	0.242	0.335	0.210	0.193	0.093	0.111	1.26	1.12	1.12
		Right Tilted	0.213	0.157	0.361	0.249	0.232	0.065	0.140	0.87	0.74	0.68
		Left Cheek	0.449	0.299	0.414	0.187	0.405	0.258	0.084	1.25	1.24	1.19
		Left Tilted	0.108	0.142	0.378	0.234	0.434	0.211	0.072	0.70	0.76	0.70
LTE Ant 3	FR1 Ant 1	Right Cheek	0.570	0.549	0.335	0.210	0.193	0.093	0.111	1.57	1.42	1.42
		Right Tilted	0.213	0.534	0.361	0.249	0.232	0.065	0.140	1.25	1.12	1.06
		Left Cheek	0.449	0.296	0.414	0.187	0.405	0.258	0.084	1.24	1.23	1.19
		Left Tilted	0.108	0.287	0.378	0.234	0.434	0.211	0.072	0.85	0.90	0.84
LTE Ant 3	FR1 Ant 2	Right Cheek	0.570	0.259	0.335	0.210	0.193	0.093	0.111	1.28	1.13	1.13
		Right Tilted	0.213	0.173	0.361	0.249	0.232	0.065	0.140	0.89	0.76	0.70
		Left Cheek	0.449	0.409	0.414	0.187	0.405	0.258	0.084	1.36	1.35	1.30
		Left Tilted	0.108	0.177	0.378	0.234	0.434	0.211	0.072	0.74	0.79	0.73
LTE Ant 3	FR1 Ant 3	Right Cheek	0.570	0.551	0.335	0.210	0.193	0.093	0.111	1.57	1.43	1.42
		Right Tilted	0.213	0.169	0.361	0.249	0.232	0.065	0.140	0.88	0.75	0.70



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		Left Cheek	0.449	0.416	0.414	0.187	0.405	0.258	0.084	1.36	1.35	1.31
		Left Tilted	0.108	0.090	0.378	0.234	0.434	0.211	0.072	0.65	0.70	0.64
LTE Ant 3	FR1 Ant 4	Right Cheek	0.570	0.550	0.335	0.210	0.193	0.093	0.111	1.57	1.42	1.42
		Right Tilted	0.213	0.088	0.361	0.249	0.232	0.065	0.140	0.80	0.67	0.62
		Left Cheek	0.449	0.359	0.414	0.187	0.405	0.258	0.084	1.31	1.30	1.25
		Left Tilted	0.108	0.131	0.378	0.234	0.434	0.211	0.072	0.69	0.75	0.68
LTE Ant 3	FR1 Ant 5	Right Cheek	0.570	0.201	0.335	0.210	0.193	0.093	0.111	1.22	1.08	1.07
		Right Tilted	0.213	0.257	0.361	0.249	0.232	0.065	0.140	0.97	0.84	0.78
		Left Cheek	0.449	0.333	0.414	0.187	0.405	0.258	0.084	1.28	1.27	1.23
		Left Tilted	0.108	0.581	0.378	0.234	0.434	0.211	0.072	1.14	1.20	1.13
LTE Ant 3	FR1 Ant 6	Right Cheek	0.570	0.098	0.335	0.210	0.193	0.093	0.111	1.11	0.97	0.97
		Right Tilted	0.213	0.068	0.361	0.249	0.232	0.065	0.140	0.78	0.65	0.60
		Left Cheek	0.449	0.546	0.414	0.187	0.405	0.258	0.084	1.49	1.48	1.44
		Left Tilted	0.108	0.191	0.378	0.234	0.434	0.211	0.072	0.75	0.81	0.74
LTE Ant 3	FR1 Ant 7	Right Cheek	0.570	0.574	0.335	0.210	0.193	0.093	0.111	1.59	1.45	1.45
		Right Tilted	0.213	0.265	0.361	0.249	0.232	0.065	0.140	0.98	0.85	0.79
		Left Cheek	0.449	0.328	0.414	0.187	0.405	0.258	0.084	1.28	1.27	1.22
		Left Tilted	0.108	0.145	0.378	0.234	0.434	0.211	0.072	0.70	0.76	0.70

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	10	11	17	1+2+3+17	1+2+10+17	1+2+4+11
			WWAN	FR1	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
			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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 4	FR1 Ant 0	Right Cheek	0.557	0.242	0.335	0.210	0.193	0.093	0.111	1.25	1.10	1.10
		Right Tilted	0.099	0.157	0.361	0.249	0.232	0.065	0.140	0.76	0.63	0.57
		Left Cheek	0.545	0.299	0.414	0.187	0.405	0.258	0.084	1.34	1.33	1.29
		Left Tilted	0.162	0.142	0.378	0.234	0.434	0.211	0.072	0.75	0.81	0.75
LTE Ant 4	FR1 Ant 1	Right Cheek	0.557	0.549	0.335	0.210	0.193	0.093	0.111	1.55	1.41	1.41
		Right Tilted	0.099	0.534	0.361	0.249	0.232	0.065	0.140	1.13	1.01	0.95
		Left Cheek	0.545	0.296	0.414	0.187	0.405	0.258	0.084	1.34	1.33	1.29
		Left Tilted	0.162	0.287	0.378	0.234	0.434	0.211	0.072	0.90	0.96	0.89
LTE Ant 4	FR1 Ant 2	Right Cheek	0.557	0.259	0.335	0.210	0.193	0.093	0.111	1.26	1.12	1.12
		Right Tilted	0.099	0.173	0.361	0.249	0.232	0.065	0.140	0.77	0.64	0.59
		Left Cheek	0.545	0.409	0.414	0.187	0.405	0.258	0.084	1.45	1.44	1.40
		Left Tilted	0.162	0.177	0.378	0.234	0.434	0.211	0.072	0.79	0.85	0.78
LTE Ant 4	FR1 Ant 3	Right Cheek	0.557	0.551	0.335	0.210	0.193	0.093	0.111	1.55	1.41	1.41
		Right Tilted	0.099	0.169	0.361	0.249	0.232	0.065	0.140	0.77	0.64	0.58
		Left Cheek	0.545	0.416	0.414	0.187	0.405	0.258	0.084	1.46	1.45	1.41
		Left Tilted	0.162	0.090	0.378	0.234	0.434	0.211	0.072	0.70	0.76	0.70
LTE Ant 4	FR1 Ant 4	Right Cheek	0.557	0.550	0.335	0.210	0.193	0.093	0.111	1.55	1.41	1.41
		Right Tilted	0.099	0.088	0.361	0.249	0.232	0.065	0.140	0.69	0.56	0.50
		Left Cheek	0.545	0.359	0.414	0.187	0.405	0.258	0.084	1.40	1.39	1.35
		Left Tilted	0.162	0.131	0.378	0.234	0.434	0.211	0.072	0.74	0.80	0.74
LTE Ant 4	FR1 Ant 5	Right Cheek	0.557	0.201	0.335	0.210	0.193	0.093	0.111	1.20	1.06	1.06
		Right Tilted	0.099	0.257	0.361	0.249	0.232	0.065	0.140	0.86	0.73	0.67
		Left Cheek	0.545	0.333	0.414	0.187	0.405	0.258	0.084	1.38	1.37	1.32
		Left Tilted	0.162	0.581	0.378	0.234	0.434	0.211	0.072	1.19	1.25	1.19
LTE Ant 4	FR1 Ant 6	Right Cheek	0.557	0.098	0.335	0.210	0.193	0.093	0.111	1.10	0.96	0.96
		Right Tilted	0.099	0.068	0.361	0.249	0.232	0.065	0.140	0.67	0.54	0.48
		Left Cheek	0.545	0.546	0.414	0.187	0.405	0.258	0.084	1.59	1.58	1.54
		Left Tilted	0.162	0.191	0.378	0.234	0.434	0.211	0.072	0.80	0.86	0.80
LTE Ant 4	FR1 Ant 7	Right Cheek	0.557	0.574	0.335	0.210	0.193	0.093	0.111	1.58	1.44	1.43
		Right Tilted	0.099	0.260	0.361	0.249	0.232	0.065	0.140	0.86	0.73	0.67
		Left Cheek	0.545	0.333	0.414	0.187	0.405	0.258	0.084	1.38	1.37	1.32
		Left Tilted	0.162	0.142	0.378	0.234	0.434	0.211	0.072	0.75	0.81	0.75



<Inter CA >

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	10	11	17	1+2+3+17	1+2+10+17	1+2+4+11
			WWAN	WWAN	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
			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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 2_Main PA Ant 2	LTE Band 4_Other PA Ant 1	Right Cheek	0.226	0.541	0.335	0.210	0.193	0.093	0.111	1.21	1.07	1.07
		Right Tilted	0.127	0.289	0.361	0.249	0.232	0.065	0.140	0.92	0.79	0.73
		Left Cheek	0.233	0.210	0.414	0.187	0.405	0.258	0.084	0.94	0.93	0.89
		Left Tilted	0.177	0.253	0.378	0.234	0.434	0.211	0.072	0.88	0.94	0.88
LTE Band 2_Main PA Ant 2	LTE Band 4_Other PA Ant 3	Right Cheek	0.226	0.564	0.335	0.210	0.193	0.093	0.111	1.24	1.09	1.09
		Right Tilted	0.127	0.088	0.361	0.249	0.232	0.065	0.140	0.72	0.59	0.53
		Left Cheek	0.233	0.326	0.414	0.187	0.405	0.258	0.084	1.06	1.05	1.00
		Left Tilted	0.177	0.059	0.378	0.234	0.434	0.211	0.072	0.69	0.74	0.68
LTE Band 2_Main PA Ant 4	LTE Band 4_Other PA Ant 1	Right Cheek	0.449	0.541	0.335	0.210	0.193	0.093	0.111	1.44	1.29	1.29
		Right Tilted	0.089	0.289	0.361	0.249	0.232	0.065	0.140	0.88	0.75	0.69
		Left Cheek	0.545	0.210	0.414	0.187	0.405	0.258	0.084	1.25	1.24	1.20
		Left Tilted	0.148	0.253	0.378	0.234	0.434	0.211	0.072	0.85	0.91	0.85
LTE Band 2_Main PA Ant 4	LTE Band 4_Other PA Ant 3	Right Cheek	0.449	0.564	0.335	0.210	0.193	0.093	0.111	1.46	1.32	1.32
		Right Tilted	0.089	0.088	0.361	0.249	0.232	0.065	0.140	0.68	0.55	0.49
		Left Cheek	0.545	0.326	0.414	0.187	0.405	0.258	0.084	1.37	1.36	1.32
		Left Tilted	0.148	0.059	0.378	0.234	0.434	0.211	0.072	0.66	0.71	0.65
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 1	Right Cheek	0.541	0.549	0.335	0.210	0.193	0.093	0.111	1.54	1.39	1.39
		Right Tilted	0.289	0.485	0.361	0.249	0.232	0.065	0.140	1.28	1.15	1.09
		Left Cheek	0.210	0.255	0.414	0.187	0.405	0.258	0.084	0.96	0.95	0.91
		Left Tilted	0.253	0.225	0.378	0.234	0.434	0.211	0.072	0.93	0.98	0.92
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 2	Right Cheek	0.541	0.213	0.335	0.210	0.193	0.093	0.111	1.20	1.06	1.06
		Right Tilted	0.289	0.194	0.361	0.249	0.232	0.065	0.140	0.98	0.86	0.80
		Left Cheek	0.210	0.422	0.414	0.187	0.405	0.258	0.084	1.13	1.12	1.08
		Left Tilted	0.253	0.103	0.378	0.234	0.434	0.211	0.072	0.81	0.86	0.80
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 3	Right Cheek	0.541	0.570	0.335	0.210	0.193	0.093	0.111	1.56	1.42	1.41
		Right Tilted	0.289	0.213	0.361	0.249	0.232	0.065	0.140	1.00	0.87	0.82
		Left Cheek	0.210	0.399	0.414	0.187	0.405	0.258	0.084	1.11	1.10	1.05
		Left Tilted	0.253	0.108	0.378	0.234	0.434	0.211	0.072	0.81	0.87	0.81
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 4	Right Cheek	0.541	0.530	0.335	0.210	0.193	0.093	0.111	1.52	1.38	1.37
		Right Tilted	0.289	0.099	0.361	0.249	0.232	0.065	0.140	0.89	0.76	0.70
		Left Cheek	0.210	0.335	0.414	0.187	0.405	0.258	0.084	1.04	1.03	0.99
		Left Tilted	0.253	0.162	0.378	0.234	0.434	0.211	0.072	0.87	0.92	0.86
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 1	Right Cheek	0.306	0.549	0.335	0.210	0.193	0.093	0.111	1.30	1.16	1.16
		Right Tilted	0.111	0.485	0.361	0.249	0.232	0.065	0.140	1.10	0.97	0.91
		Left Cheek	0.223	0.255	0.414	0.187	0.405	0.258	0.084	0.98	0.97	0.92
		Left Tilted	0.146	0.225	0.378	0.234	0.434	0.211	0.072	0.82	0.88	0.82
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 2	Right Cheek	0.306	0.213	0.335	0.210	0.193	0.093	0.111	0.97	0.82	0.82
		Right Tilted	0.111	0.194	0.361	0.249	0.232	0.065	0.140	0.81	0.68	0.62
		Left Cheek	0.223	0.422	0.414	0.187	0.405	0.258	0.084	1.14	1.13	1.09
		Left Tilted	0.146	0.103	0.378	0.234	0.434	0.211	0.072	0.70	0.76	0.69
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 3	Right Cheek	0.306	0.570	0.335	0.210	0.193	0.093	0.111	1.32	1.18	1.18
		Right Tilted	0.111	0.213	0.361	0.249	0.232	0.065	0.140	0.83	0.70	0.64
		Left Cheek	0.223	0.399	0.414	0.187	0.405	0.258	0.084	1.12	1.11	1.07
		Left Tilted	0.146	0.108	0.378	0.234	0.434	0.211	0.072	0.70	0.76	0.70
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 4	Right Cheek	0.306	0.530	0.335	0.210	0.193	0.093	0.111	1.28	1.14	1.14
		Right Tilted	0.111	0.099	0.361	0.249	0.232	0.065	0.140	0.71	0.58	0.52
		Left Cheek	0.223	0.335	0.414	0.187	0.405	0.258	0.084	1.06	1.05	1.00
		Left Tilted	0.146	0.162	0.378	0.234	0.434	0.211	0.072	0.76	0.81	0.75
LTE Band 4_Other PA Ant	LTE Band 7_Main PA Ant	Right Cheek	0.564	0.549	0.335	0.210	0.193	0.093	0.111	1.56	1.42	1.42
		Right Tilted	0.088	0.485	0.361	0.249	0.232	0.065	0.140	1.07	0.95	0.89
		Left Cheek	0.326	0.255	0.414	0.187	0.405	0.258	0.084	1.08	1.07	1.03



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3	1	Left Tilted	0.059	0.225	0.378	0.234	0.434	0.211	0.072	0.73	0.79	0.73
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 2	Right Cheek	0.564	0.213	0.335	0.210	0.193	0.093	0.111	1.22	1.08	1.08
		Right Tilted	0.088	0.194	0.361	0.249	0.232	0.065	0.140	0.78	0.65	0.60
		Left Cheek	0.326	0.422	0.414	0.187	0.405	0.258	0.084	1.25	1.24	1.19
		Left Tilted	0.059	0.103	0.378	0.234	0.434	0.211	0.072	0.61	0.67	0.61
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 3	Right Cheek	0.564	0.570	0.335	0.210	0.193	0.093	0.111	1.58	1.44	1.44
		Right Tilted	0.088	0.213	0.361	0.249	0.232	0.065	0.140	0.80	0.67	0.62
		Left Cheek	0.326	0.399	0.414	0.187	0.405	0.258	0.084	1.22	1.21	1.17
		Left Tilted	0.059	0.108	0.378	0.234	0.434	0.211	0.072	0.62	0.67	0.61
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 4	Right Cheek	0.564	0.530	0.335	0.210	0.193	0.093	0.111	1.54	1.40	1.40
		Right Tilted	0.088	0.099	0.361	0.249	0.232	0.065	0.140	0.69	0.56	0.50
		Left Cheek	0.326	0.335	0.414	0.187	0.405	0.258	0.084	1.16	1.15	1.11
		Left Tilted	0.059	0.162	0.378	0.234	0.434	0.211	0.072	0.67	0.73	0.67
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 1	Right Cheek	0.031	0.549	0.335	0.210	0.193	0.093	0.111	1.03	0.88	0.88
		Right Tilted	0.025	0.485	0.361	0.249	0.232	0.065	0.140	1.01	0.88	0.82
		Left Cheek	0.065	0.255	0.414	0.187	0.405	0.258	0.084	0.82	0.81	0.77
		Left Tilted	0.057	0.225	0.378	0.234	0.434	0.211	0.072	0.73	0.79	0.73
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 2	Right Cheek	0.031	0.213	0.335	0.210	0.193	0.093	0.111	0.69	0.55	0.55
		Right Tilted	0.025	0.194	0.361	0.249	0.232	0.065	0.140	0.72	0.59	0.53
		Left Cheek	0.065	0.422	0.414	0.187	0.405	0.258	0.084	0.99	0.98	0.93
		Left Tilted	0.057	0.103	0.378	0.234	0.434	0.211	0.072	0.61	0.67	0.61
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 3	Right Cheek	0.031	0.570	0.335	0.210	0.193	0.093	0.111	1.05	0.91	0.90
		Right Tilted	0.025	0.213	0.361	0.249	0.232	0.065	0.140	0.74	0.61	0.55
		Left Cheek	0.065	0.399	0.414	0.187	0.405	0.258	0.084	0.96	0.95	0.91
		Left Tilted	0.057	0.108	0.378	0.234	0.434	0.211	0.072	0.62	0.67	0.61
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 4	Right Cheek	0.031	0.530	0.335	0.210	0.193	0.093	0.111	1.01	0.87	0.86
		Right Tilted	0.025	0.099	0.361	0.249	0.232	0.065	0.140	0.63	0.50	0.44
		Left Cheek	0.065	0.335	0.414	0.187	0.405	0.258	0.084	0.90	0.89	0.85
		Left Tilted	0.057	0.162	0.378	0.234	0.434	0.211	0.072	0.67	0.73	0.66



16.2 Hotspot Exposure Conditions

WWAN Band	Exposure Position	1	3	4	10	11	17	1+3+17	1+10+17	1+4+11
		WWAN	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
		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)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Front	0.678	0.200	0.100	0.180	0.123	0.055	0.93	0.91	0.90
	Back	0.621	0.381	0.303	0.256	0.179	0.102	1.10	0.98	1.10
	Left side		0.152	0.046			0.026	0.18	0.03	0.05
	Right side	0.265	0.236	0.069	0.394	0.236	0.065	0.57	0.72	0.57
	Top side		0.350	0.246	0.419	0.095	0.072	0.42	0.49	0.34
	Bottom side	0.352						0.35	0.35	0.35
Ant 1	Front	0.297	0.200	0.100	0.180	0.123	0.055	0.55	0.53	0.52
	Back	0.408	0.381	0.303	0.256	0.179	0.102	0.89	0.77	0.89
	Left side	0.417	0.152	0.046			0.026	0.60	0.44	0.46
	Right side		0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
	Top side	0.502	0.350	0.246	0.419	0.095	0.072	0.92	0.99	0.84
	Bottom side							0.00	0.00	0.00
Ant 2	Front	0.517	0.200	0.100	0.180	0.123	0.055	0.77	0.75	0.74
	Back	0.645	0.381	0.303	0.256	0.179	0.102	1.13	1.00	1.13
	Left side	0.151	0.152	0.046			0.026	0.33	0.18	0.20
	Right side		0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
	Top side		0.350	0.246	0.419	0.095	0.072	0.42	0.49	0.34
	Bottom side	1.086						1.09	1.09	1.09
Ant 3	Front	0.520	0.200	0.100	0.180	0.123	0.055	0.78	0.76	0.74
	Back	0.435	0.381	0.303	0.256	0.179	0.102	0.92	0.79	0.92
	Left side	0.664	0.152	0.046			0.026	0.84	0.69	0.71
	Right side		0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
	Top side	0.083	0.350	0.246	0.419	0.095	0.072	0.51	0.57	0.42
	Bottom side							0.00	0.00	0.00
Ant 4	Front	0.301	0.200	0.100	0.180	0.123	0.055	0.56	0.54	0.52
	Back	0.405	0.381	0.303	0.256	0.179	0.102	0.89	0.76	0.89
	Left side		0.152	0.046			0.026	0.18	0.03	0.05
	Right side	0.803	0.236	0.069	0.394	0.236	0.065	1.10	1.26	1.11
	Top side	0.035	0.350	0.246	0.419	0.095	0.072	0.46	0.53	0.38
	Bottom side							0.00	0.00	0.00
Ant 5	Front	0.158	0.200	0.100	0.180	0.123	0.055	0.41	0.39	0.38
	Back	0.196	0.381	0.303	0.256	0.179	0.102	0.68	0.55	0.68
	Left side		0.152	0.046			0.026	0.18	0.03	0.05
	Right side	0.100	0.236	0.069	0.394	0.236	0.065	0.40	0.56	0.41
	Top side	0.474	0.350	0.246	0.419	0.095	0.072	0.90	0.97	0.82
	Bottom side							0.00	0.00	0.00
Ant 6	Front	0.166	0.200	0.100	0.180	0.123	0.055	0.42	0.40	0.39
	Back	0.151	0.381	0.303	0.256	0.179	0.102	0.63	0.51	0.63
	Left side		0.152	0.046			0.026	0.18	0.03	0.05
	Right side	0.329	0.236	0.069	0.394	0.236	0.065	0.63	0.79	0.63
	Top side	0.049	0.350	0.246	0.419	0.095	0.072	0.47	0.54	0.39
	Bottom side							0.00	0.00	0.00
Ant 7	Front	0.106	0.200	0.100	0.180	0.123	0.055	0.361	0.341	0.329
	Back	0.684	0.381	0.303	0.256	0.179	0.102	1.167	1.042	1.166
	Left side	0.195	0.152	0.046			0.026	0.373	0.221	0.241
	Right side		0.236	0.069	0.394	0.236	0.065	0.301	0.459	0.305
	Top side	0.054	0.350	0.246	0.419	0.095	0.072	0.476	0.545	0.395
	Bottom side							0.000	0.000	0.000



< ENDC >

WWAN Band	FR1 Band	Exposure Position	1	2	3	4	10	11	17	1+2+3+17	1+2+10+17	1+2+4+11
			WWAN	FR1	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
			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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 4	FR1 Ant 0	Front	0.155	0.558	0.200	0.100	0.180	0.123	0.055	0.97	0.95	0.94
		Back	0.208	0.442	0.381	0.303	0.256	0.179	0.102	1.13	1.01	1.13
		Left side			0.152	0.046			0.026	0.18	0.03	0.05
		Right side	0.404	0.166	0.236	0.069	0.394	0.236	0.065	0.87	1.03	0.88
		Top side	0.021		0.350	0.246	0.419	0.095	0.072	0.44	0.51	0.36
		Bottom side		0.251						0.25	0.25	0.25
LTE Ant 4	FR1 Ant 1	Front	0.155	0.090	0.200	0.100	0.180	0.123	0.055	0.50	0.48	0.47
		Back	0.208	0.215	0.381	0.303	0.256	0.179	0.102	0.91	0.78	0.91
		Left side		0.092	0.152	0.046			0.026	0.27	0.12	0.14
		Right side	0.404		0.236	0.069	0.394	0.236	0.065	0.71	0.86	0.71
		Top side	0.021	0.285	0.350	0.246	0.419	0.095	0.072	0.73	0.80	0.65
		Bottom side								0.00	0.00	0.00
LTE Ant 4	FR1 Ant 2	Front	0.155	0.245	0.200	0.100	0.180	0.123	0.055	0.66	0.64	0.62
		Back	0.208	0.283	0.381	0.303	0.256	0.179	0.102	0.97	0.85	0.97
		Left side		0.077	0.152	0.046			0.026	0.26	0.10	0.12
		Right side	0.404		0.236	0.069	0.394	0.236	0.065	0.71	0.86	0.71
		Top side	0.021		0.350	0.246	0.419	0.095	0.072	0.44	0.51	0.36
		Bottom side		0.345						0.35	0.35	0.35
LTE Ant 4	FR1 Ant 3	Front	0.155	0.189	0.200	0.100	0.180	0.123	0.055	0.60	0.58	0.57
		Back	0.208	0.141	0.381	0.303	0.256	0.179	0.102	0.83	0.71	0.83
		Left side		0.327	0.152	0.046			0.026	0.51	0.35	0.37
		Right side	0.404		0.236	0.069	0.394	0.236	0.065	0.71	0.86	0.71
		Top side	0.021	0.027	0.350	0.246	0.419	0.095	0.072	0.47	0.54	0.39
		Bottom side								0.00	0.00	0.00
LTE Ant 4	FR1 Ant 4	Front	0.155	0.106	0.200	0.100	0.180	0.123	0.055	0.52	0.50	0.48
		Back	0.208	0.149	0.381	0.303	0.256	0.179	0.102	0.84	0.72	0.84
		Left side			0.152	0.046			0.026	0.18	0.03	0.05
		Right side	0.404	0.236	0.236	0.069	0.394	0.236	0.065	0.94	1.10	0.95
		Top side	0.021	0.023	0.350	0.246	0.419	0.095	0.072	0.47	0.54	0.39
		Bottom side								0.00	0.00	0.00
LTE Ant 4	FR1 Ant 5	Front	0.155	0.086	0.200	0.100	0.180	0.123	0.055	0.50	0.48	0.46
		Back	0.208	0.107	0.381	0.303	0.256	0.179	0.102	0.80	0.67	0.80
		Left side			0.152	0.046			0.026	0.18	0.03	0.05
		Right side	0.404	0.054	0.236	0.069	0.394	0.236	0.065	0.76	0.92	0.76
		Top side	0.021	0.257	0.350	0.246	0.419	0.095	0.072	0.70	0.77	0.62
		Bottom side								0.00	0.00	0.00
LTE Ant 4	FR1 Ant 6	Front	0.155	0.102	0.200	0.100	0.180	0.123	0.055	0.51	0.49	0.48
		Back	0.208	0.093	0.381	0.303	0.256	0.179	0.102	0.78	0.66	0.78
		Left side			0.152	0.046			0.026	0.18	0.03	0.05
		Right side	0.404	0.199	0.236	0.069	0.394	0.236	0.065	0.90	1.06	0.91
		Top side	0.021	0.030	0.350	0.246	0.419	0.095	0.072	0.47	0.54	0.39
		Bottom side								0.00	0.00	0.00
LTE Ant 4	FR1 Ant 7	Front	0.155	0.085	0.200	0.100	0.180	0.123	0.055	0.50	0.48	0.46
		Back	0.208	0.551	0.381	0.303	0.256	0.179	0.102	1.24	1.12	1.24
		Left side		0.156	0.152	0.046			0.026	0.33	0.18	0.20
		Right side	0.404		0.236	0.069	0.394	0.236	0.065	0.71	0.86	0.71
		Top side	0.021	0.045	0.350	0.246	0.419	0.095	0.072	0.49	0.56	0.41
		Bottom side								0.00	0.00	0.00



WWAN Band	FR1 Band	Exposure Position	1	2	3	4	10	11	17	1+2+3+17	1+2+10+17	1+2+4+11
			WWAN	FR1	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
			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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 0	FR1 Ant 1	Front	0.609	0.090	0.200	0.100	0.180	0.123	0.055	0.95	0.93	0.92
		Back	0.472	0.215	0.381	0.303	0.256	0.179	0.102	1.17	1.05	1.17
		Left side		0.092	0.152	0.046			0.026	0.27	0.12	0.14
		Right side	0.203		0.236	0.069	0.394	0.236	0.065	0.50	0.66	0.51
		Top side		0.285	0.350	0.246	0.419	0.095	0.072	0.71	0.78	0.63
		Bottom side	0.267							0.27	0.27	0.27
LTE Ant 0	FR1 Ant 2	Front	0.609	0.245	0.200	0.100	0.180	0.123	0.055	1.11	1.09	1.08
		Back	0.472	0.283	0.381	0.303	0.256	0.179	0.102	1.24	1.11	1.24
		Left side		0.077	0.152	0.046			0.026	0.26	0.10	0.12
		Right side	0.203		0.236	0.069	0.394	0.236	0.065	0.50	0.66	0.51
		Top side			0.350	0.246	0.419	0.095	0.072	0.42	0.49	0.34
		Bottom side	0.267	0.345						0.61	0.61	0.61
LTE Ant 0	FR1 Ant 3	Front	0.609	0.189	0.200	0.100	0.180	0.123	0.055	1.05	1.03	1.02
		Back	0.472	0.141	0.381	0.303	0.256	0.179	0.102	1.10	0.97	1.10
		Left side		0.327	0.152	0.046			0.026	0.51	0.35	0.37
		Right side	0.203		0.236	0.069	0.394	0.236	0.065	0.50	0.66	0.51
		Top side		0.027	0.350	0.246	0.419	0.095	0.072	0.45	0.52	0.37
		Bottom side	0.267							0.27	0.27	0.27
LTE Ant 0	FR1 Ant 4	Front	0.609	0.106	0.200	0.100	0.180	0.123	0.055	0.97	0.95	0.94
		Back	0.472	0.149	0.381	0.303	0.256	0.179	0.102	1.10	0.98	1.10
		Left side			0.152	0.046			0.026	0.18	0.03	0.05
		Right side	0.203	0.236	0.236	0.069	0.394	0.236	0.065	0.74	0.90	0.74
		Top side		0.023	0.350	0.246	0.419	0.095	0.072	0.45	0.51	0.36
		Bottom side	0.267							0.27	0.27	0.27
LTE Ant 0	FR1 Ant 5	Front	0.609	0.086	0.200	0.100	0.180	0.123	0.055	0.95	0.93	0.92
		Back	0.472	0.107	0.381	0.303	0.256	0.179	0.102	1.06	0.94	1.06
		Left side			0.152	0.046			0.026	0.18	0.03	0.05
		Right side	0.203	0.054	0.236	0.069	0.394	0.236	0.065	0.56	0.72	0.56
		Top side		0.257	0.350	0.246	0.419	0.095	0.072	0.68	0.75	0.60
		Bottom side	0.267							0.27	0.27	0.27
LTE Ant 0	FR1 Ant 6	Front	0.609	0.102	0.200	0.100	0.180	0.123	0.055	0.97	0.95	0.93
		Back	0.472	0.093	0.381	0.303	0.256	0.179	0.102	1.05	0.92	1.05
		Left side			0.152	0.046			0.026	0.18	0.03	0.05
		Right side	0.203	0.199	0.236	0.069	0.394	0.236	0.065	0.70	0.86	0.71
		Top side		0.030	0.350	0.246	0.419	0.095	0.072	0.45	0.52	0.37
		Bottom side	0.267							0.27	0.27	0.27
LTE Ant 0	FR1 Ant 7	Front	0.609	0.085	0.200	0.100	0.180	0.123	0.055	0.95	0.93	0.92
		Back	0.472	0.551	0.381	0.303	0.256	0.179	0.102	1.51	1.38	1.51
		Left side		0.156	0.152	0.046			0.026	0.33	0.18	0.20
		Right side	0.203		0.236	0.069	0.394	0.236	0.065	0.50	0.66	0.51
		Top side		0.045	0.350	0.246	0.419	0.095	0.072	0.47	0.54	0.39
		Bottom side	0.267							0.27	0.27	0.27
LTE Ant 1	FR1 Ant 0	Front	0.121	0.558	0.200	0.100	0.180	0.123	0.055	0.93	0.91	0.90
		Back	0.179	0.442	0.381	0.303	0.256	0.179	0.102	1.10	0.98	1.10
		Left side	0.193		0.152	0.046			0.026	0.37	0.22	0.24
		Right side		0.166	0.236	0.069	0.394	0.236	0.065	0.47	0.63	0.47
		Top side	0.177		0.350	0.246	0.419	0.095	0.072	0.60	0.67	0.52
		Bottom side		0.251						0.25	0.25	0.25
LTE Ant 1	FR1 Ant 1	Front	0.121	0.090	0.200	0.100	0.180	0.123	0.055	0.47	0.45	0.43
		Back	0.179	0.215	0.381	0.303	0.256	0.179	0.102	0.88	0.75	0.88



FCC SAR Test Report

Report No. : FA350505

		Left side	0.193	0.092	0.152	0.046			0.026	0.46	0.31	0.33
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.177	0.285	0.350	0.246	0.419	0.095	0.072	0.88	0.95	0.80
		Bottom side								0.00	0.00	0.00
LTE Ant 1	FR1 Ant 2	Front	0.121	0.245	0.200	0.100	0.180	0.123	0.055	0.62	0.60	0.59
		Back	0.179	0.283	0.381	0.303	0.256	0.179	0.102	0.95	0.82	0.94
		Left side	0.193	0.077	0.152	0.046			0.026	0.45	0.30	0.32
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.177		0.350	0.246	0.419	0.095	0.072	0.60	0.67	0.52
		Bottom side		0.345						0.35	0.35	0.35
LTE Ant 1	FR1 Ant 3	Front	0.121	0.189	0.200	0.100	0.180	0.123	0.055	0.57	0.55	0.53
		Back	0.179	0.141	0.381	0.303	0.256	0.179	0.102	0.80	0.68	0.80
		Left side	0.193	0.327	0.152	0.046			0.026	0.70	0.55	0.57
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.177	0.027	0.350	0.246	0.419	0.095	0.072	0.63	0.70	0.55
		Bottom side								0.00	0.00	0.00
LTE Ant 1	FR1 Ant 4	Front	0.121	0.106	0.200	0.100	0.180	0.123	0.055	0.48	0.46	0.45
		Back	0.179	0.149	0.381	0.303	0.256	0.179	0.102	0.81	0.69	0.81
		Left side	0.193		0.152	0.046			0.026	0.37	0.22	0.24
		Right side		0.236	0.236	0.069	0.394	0.236	0.065	0.54	0.70	0.54
		Top side	0.177	0.023	0.350	0.246	0.419	0.095	0.072	0.62	0.69	0.54
		Bottom side								0.00	0.00	0.00
LTE Ant 1	FR1 Ant 5	Front	0.121	0.086	0.200	0.100	0.180	0.123	0.055	0.46	0.44	0.43
		Back	0.179	0.107	0.381	0.303	0.256	0.179	0.102	0.77	0.64	0.77
		Left side	0.193		0.152	0.046			0.026	0.37	0.22	0.24
		Right side		0.054	0.236	0.069	0.394	0.236	0.065	0.36	0.51	0.36
		Top side	0.177	0.257	0.350	0.246	0.419	0.095	0.072	0.86	0.93	0.78
		Bottom side								0.00	0.00	0.00
LTE Ant 1	FR1 Ant 6	Front	0.121	0.102	0.200	0.100	0.180	0.123	0.055	0.48	0.46	0.45
		Back	0.179	0.093	0.381	0.303	0.256	0.179	0.102	0.76	0.63	0.75
		Left side	0.193		0.152	0.046			0.026	0.37	0.22	0.24
		Right side		0.199	0.236	0.069	0.394	0.236	0.065	0.50	0.66	0.50
		Top side	0.177	0.030	0.350	0.246	0.419	0.095	0.072	0.63	0.70	0.55
		Bottom side								0.00	0.00	0.00
LTE Ant 1	FR1 Ant 7	Front	0.121	0.085	0.200	0.100	0.180	0.123	0.055	0.46	0.44	0.43
		Back	0.179	0.551	0.381	0.303	0.256	0.179	0.102	1.21	1.09	1.21
		Left side	0.193	0.156	0.152	0.046			0.026	0.53	0.38	0.40
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.177	0.045	0.350	0.246	0.419	0.095	0.072	0.64	0.71	0.56
		Bottom side								0.00	0.00	0.00
LTE Ant 2	FR1 Ant 0	Front	0.292	0.558	0.200	0.100	0.180	0.123	0.055	1.11	1.09	1.07
		Back	0.449	0.442	0.381	0.303	0.256	0.179	0.102	1.37	1.25	1.37
		Left side	0.082		0.152	0.046			0.026	0.26	0.11	0.13
		Right side		0.166	0.236	0.069	0.394	0.236	0.065	0.47	0.63	0.47
		Top side			0.350	0.246	0.419	0.095	0.072	0.42	0.49	0.34
		Bottom side	0.555	0.251						0.81	0.81	0.81
LTE Ant 2	FR1 Ant 1	Front	0.292	0.090	0.200	0.100	0.180	0.123	0.055	0.64	0.62	0.61
		Back	0.449	0.215	0.381	0.303	0.256	0.179	0.102	1.15	1.02	1.15
		Left side	0.082	0.092	0.152	0.046			0.026	0.35	0.20	0.22
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side		0.285	0.350	0.246	0.419	0.095	0.072	0.71	0.78	0.63
		Bottom side	0.555							0.56	0.56	0.56
LTE Ant 2	FR1 Ant 2	Front	0.292	0.245	0.200	0.100	0.180	0.123	0.055	0.79	0.77	0.76
		Back	0.449	0.283	0.381	0.303	0.256	0.179	0.102	1.22	1.09	1.21
		Left side	0.082	0.077	0.152	0.046			0.026	0.34	0.19	0.21
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31



		Top side			0.350	0.246	0.419	0.095	0.072	0.42	0.49	0.34
		Bottom side	0.555	0.345						0.90	0.90	0.90
LTE Ant 2	FR1 Ant 3	Front	0.292	0.189	0.200	0.100	0.180	0.123	0.055	0.74	0.72	0.70
		Back	0.449	0.141	0.381	0.303	0.256	0.179	0.102	1.07	0.95	1.07
		Left side	0.082	0.327	0.152	0.046			0.026	0.59	0.44	0.46
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side		0.027	0.350	0.246	0.419	0.095	0.072	0.45	0.52	0.37
		Bottom side	0.555							0.56	0.56	0.56
LTE Ant 2	FR1 Ant 4	Front	0.292	0.106	0.200	0.100	0.180	0.123	0.055	0.65	0.63	0.62
		Back	0.449	0.149	0.381	0.303	0.256	0.179	0.102	1.08	0.96	1.08
		Left side	0.082		0.152	0.046			0.026	0.26	0.11	0.13
		Right side		0.236	0.236	0.069	0.394	0.236	0.065	0.54	0.70	0.54
		Top side		0.023	0.350	0.246	0.419	0.095	0.072	0.45	0.51	0.36
		Bottom side	0.555							0.56	0.56	0.56
LTE Ant 2	FR1 Ant 5	Front	0.292	0.086	0.200	0.100	0.180	0.123	0.055	0.63	0.61	0.60
		Back	0.449	0.107	0.381	0.303	0.256	0.179	0.102	1.04	0.91	1.04
		Left side	0.082		0.152	0.046			0.026	0.26	0.11	0.13
		Right side		0.054	0.236	0.069	0.394	0.236	0.065	0.36	0.51	0.36
		Top side		0.257	0.350	0.246	0.419	0.095	0.072	0.68	0.75	0.60
		Bottom side	0.555							0.56	0.56	0.56
LTE Ant 2	FR1 Ant 6	Front	0.292	0.102	0.200	0.100	0.180	0.123	0.055	0.65	0.63	0.62
		Back	0.449	0.093	0.381	0.303	0.256	0.179	0.102	1.03	0.90	1.02
		Left side	0.082		0.152	0.046			0.026	0.26	0.11	0.13
		Right side		0.199	0.236	0.069	0.394	0.236	0.065	0.50	0.66	0.50
		Top side		0.030	0.350	0.246	0.419	0.095	0.072	0.45	0.52	0.37
		Bottom side	0.555							0.56	0.56	0.56
LTE Ant 2	FR1 Ant 7	Front	0.292	0.085	0.200	0.100	0.180	0.123	0.055	0.63	0.61	0.60
		Back	0.449	0.551	0.381	0.303	0.256	0.179	0.102	1.48	1.36	1.48
		Left side	0.082	0.156	0.152	0.046			0.026	0.42	0.26	0.28
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side		0.045	0.350	0.246	0.419	0.095	0.072	0.47	0.54	0.39
		Bottom side	0.555							0.56	0.56	0.56
LTE Ant 3	FR1 Ant 0	Front	0.181	0.558	0.200	0.100	0.180	0.123	0.055	0.99	0.97	0.96
		Back	0.152	0.442	0.381	0.303	0.256	0.179	0.102	1.08	0.95	1.08
		Left side	0.364		0.152	0.046			0.026	0.54	0.39	0.41
		Right side		0.166	0.236	0.069	0.394	0.236	0.065	0.47	0.63	0.47
		Top side	0.033		0.350	0.246	0.419	0.095	0.072	0.46	0.52	0.37
		Bottom side		0.251						0.25	0.25	0.25
LTE Ant 3	FR1 Ant 1	Front	0.181	0.090	0.200	0.100	0.180	0.123	0.055	0.53	0.51	0.49
		Back	0.152	0.215	0.381	0.303	0.256	0.179	0.102	0.85	0.73	0.85
		Left side	0.364	0.092	0.152	0.046			0.026	0.63	0.48	0.50
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.033	0.285	0.350	0.246	0.419	0.095	0.072	0.74	0.81	0.66
		Bottom side								0.00	0.00	0.00
LTE Ant 3	FR1 Ant 2	Front	0.181	0.245	0.200	0.100	0.180	0.123	0.055	0.68	0.66	0.65
		Back	0.152	0.283	0.381	0.303	0.256	0.179	0.102	0.92	0.79	0.92
		Left side	0.364	0.077	0.152	0.046			0.026	0.62	0.47	0.49
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.033		0.350	0.246	0.419	0.095	0.072	0.46	0.52	0.37
		Bottom side		0.345						0.35	0.35	0.35
LTE Ant 3	FR1 Ant 3	Front	0.181	0.189	0.200	0.100	0.180	0.123	0.055	0.63	0.61	0.59
		Back	0.152	0.141	0.381	0.303	0.256	0.179	0.102	0.78	0.65	0.78
		Left side	0.364	0.327	0.152	0.046			0.026	0.87	0.72	0.74
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.033	0.027	0.350	0.246	0.419	0.095	0.072	0.48	0.55	0.40
		Bottom side								0.00	0.00	0.00



LTE Ant 3	FR1 Ant 4	Front	0.181	0.106	0.200	0.100	0.180	0.123	0.055	0.54	0.52	0.51
		Back	0.152	0.149	0.381	0.303	0.256	0.179	0.102	0.78	0.66	0.78
		Left side	0.364		0.152	0.046			0.026	0.54	0.39	0.41
		Right side		0.236	0.236	0.069	0.394	0.236	0.065	0.54	0.70	0.54
		Top side	0.033	0.023	0.350	0.246	0.419	0.095	0.072	0.48	0.55	0.40
		Bottom side								0.00	0.00	0.00
LTE Ant 3	FR1 Ant 5	Front	0.181	0.086	0.200	0.100	0.180	0.123	0.055	0.52	0.50	0.49
		Back	0.152	0.107	0.381	0.303	0.256	0.179	0.102	0.74	0.62	0.74
		Left side	0.364		0.152	0.046			0.026	0.54	0.39	0.41
		Right side		0.054	0.236	0.069	0.394	0.236	0.065	0.36	0.51	0.36
		Top side	0.033	0.257	0.350	0.246	0.419	0.095	0.072	0.71	0.78	0.63
		Bottom side								0.00	0.00	0.00
LTE Ant 3	FR1 Ant 6	Front	0.181	0.102	0.200	0.100	0.180	0.123	0.055	0.54	0.52	0.51
		Back	0.152	0.093	0.381	0.303	0.256	0.179	0.102	0.73	0.60	0.73
		Left side	0.364		0.152	0.046			0.026	0.54	0.39	0.41
		Right side		0.199	0.236	0.069	0.394	0.236	0.065	0.50	0.66	0.50
		Top side	0.033	0.030	0.350	0.246	0.419	0.095	0.072	0.49	0.55	0.40
		Bottom side								0.00	0.00	0.00
LTE Ant 3	FR1 Ant 7	Front	0.181	0.085	0.200	0.100	0.180	0.123	0.055	0.52	0.50	0.49
		Back	0.152	0.551	0.381	0.303	0.256	0.179	0.102	1.19	1.06	1.19
		Left side	0.364	0.156	0.152	0.046			0.026	0.70	0.55	0.57
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.033	0.045	0.350	0.246	0.419	0.095	0.072	0.50	0.57	0.42
		Bottom side								0.00	0.00	0.00

<Inter CA >

WWAN Band	WWAN Band	Exposure Position	1	2	3	4	10	11	17	1+2+3+17	1+2+10+17	1+2+4+11
			WWAN 1g SAR (W/kg)	WWAN 1g SAR (W/kg)	WLAN2.4GHz Ant 6+17 1g SAR (W/kg)	WLAN2.4GHz Ant 17 1g SAR (W/kg)	WLAN5GHz Ant 5+18 1g SAR (W/kg)	WLAN5GHz Ant 18 1g SAR (W/kg)	Bluetooth Ant 17 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
LTE Band 2_Main PA Ant 2	LTE Band 4_Other PA Ant 1	Front	0.241	0.089	0.200	0.100	0.180	0.123	0.055	0.59	0.57	0.55
		Back	0.300	0.115	0.381	0.303	0.256	0.179	0.102	0.90	0.77	0.90
		Left side	0.061	0.081	0.152	0.046			0.026	0.32	0.17	0.19
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side		0.177	0.350	0.246	0.419	0.095	0.072	0.60	0.67	0.52
		Bottom side	0.532							0.53	0.53	0.53
LTE Band 2_Main PA Ant 2	LTE Band 4_Other PA Ant 3	Front	0.241	0.181	0.200	0.100	0.180	0.123	0.055	0.68	0.66	0.65
		Back	0.300	0.151	0.381	0.303	0.256	0.179	0.102	0.93	0.81	0.93
		Left side	0.061	0.340	0.152	0.046			0.026	0.58	0.43	0.45
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side		0.030	0.350	0.246	0.419	0.095	0.072	0.45	0.52	0.37
		Bottom side	0.532							0.53	0.53	0.53
LTE Band 2_Main PA Ant 4	LTE Band 4_Other PA Ant 1	Front	0.155	0.089	0.200	0.100	0.180	0.123	0.055	0.50	0.48	0.47
		Back	0.208	0.115	0.381	0.303	0.256	0.179	0.102	0.81	0.68	0.81
		Left side		0.081	0.152	0.046			0.026	0.26	0.11	0.13
		Right side	0.396		0.236	0.069	0.394	0.236	0.065	0.70	0.86	0.70
		Top side	0.013	0.177	0.350	0.246	0.419	0.095	0.072	0.61	0.68	0.53
		Bottom side								0.00	0.00	0.00
LTE Band 2_Main PA Ant 4	LTE Band 4_Other PA Ant 3	Front	0.155	0.181	0.200	0.100	0.180	0.123	0.055	0.59	0.57	0.56
		Back	0.208	0.151	0.381	0.303	0.256	0.179	0.102	0.84	0.72	0.84
		Left side		0.340	0.152	0.046			0.026	0.52	0.37	0.39
		Right side	0.396		0.236	0.069	0.394	0.236	0.065	0.70	0.86	0.70
		Top side	0.013	0.030	0.350	0.246	0.419	0.095	0.072	0.47	0.53	0.38
		Bottom side								0.00	0.00	0.00
LTE	LTE	Front	0.089	0.074	0.200	0.100	0.180	0.123	0.055	0.42	0.40	0.39



FCC SAR Test Report

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Band 4_Other PA Ant 1	Band 7_Main PA Ant 1	Back	0.115	0.112	0.381	0.303	0.256	0.179	0.102	0.71	0.59	0.71	
		Left side	0.081	0.072	0.152	0.046				0.026	0.33	0.18	0.20
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31	
		Top side	0.177	0.119	0.350	0.246	0.419	0.095	0.072	0.72	0.79	0.64	
		Bottom side									0.00	0.00	0.00
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 2	Front	0.089	0.173	0.200	0.100	0.180	0.123	0.055	0.52	0.50	0.49	
		Back	0.115	0.268	0.381	0.303	0.256	0.179	0.102	0.87	0.74	0.87	
		Left side	0.081	0.082	0.152	0.046				0.026	0.34	0.19	0.21
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31	
		Top side	0.177		0.350	0.246	0.419	0.095	0.072	0.60	0.67	0.52	
	Bottom side		0.452						0.45	0.45	0.45		
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 3	Front	0.089	0.164	0.200	0.100	0.180	0.123	0.055	0.51	0.49	0.48	
		Back	0.115	0.152	0.381	0.303	0.256	0.179	0.102	0.75	0.63	0.75	
		Left side	0.081	0.321	0.152	0.046				0.026	0.58	0.43	0.45
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31	
		Top side	0.177	0.025	0.350	0.246	0.419	0.095	0.072	0.62	0.69	0.54	
	Bottom side								0.00	0.00	0.00		
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 4	Front	0.089	0.145	0.200	0.100	0.180	0.123	0.055	0.49	0.47	0.46	
		Back	0.115	0.187	0.381	0.303	0.256	0.179	0.102	0.79	0.66	0.78	
		Left side	0.081		0.152	0.046				0.026	0.26	0.11	0.13
		Right side		0.380	0.236	0.069	0.394	0.236	0.065	0.68	0.84	0.69	
		Top side	0.177	0.016	0.350	0.246	0.419	0.095	0.072	0.62	0.68	0.53	
	Bottom side								0.00	0.00	0.00		
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 1	Front	0.159	0.074	0.200	0.100	0.180	0.123	0.055	0.49	0.47	0.46	
		Back	0.320	0.112	0.381	0.303	0.256	0.179	0.102	0.92	0.79	0.91	
		Left side	0.019	0.072	0.152	0.046				0.026	0.27	0.12	0.14
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31	
		Top side		0.119	0.350	0.246	0.419	0.095	0.072	0.54	0.61	0.46	
	Bottom side	0.441							0.44	0.44	0.44		
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 2	Front	0.159	0.173	0.200	0.100	0.180	0.123	0.055	0.59	0.57	0.56	
		Back	0.320	0.268	0.381	0.303	0.256	0.179	0.102	1.07	0.95	1.07	
		Left side	0.019	0.082	0.152	0.046				0.026	0.28	0.13	0.15
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31	
		Top side			0.350	0.246	0.419	0.095	0.072	0.42	0.49	0.34	
	Bottom side	0.441	0.452						0.89	0.89	0.89		
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 3	Front	0.159	0.164	0.200	0.100	0.180	0.123	0.055	0.58	0.56	0.55	
		Back	0.320	0.152	0.381	0.303	0.256	0.179	0.102	0.96	0.83	0.95	
		Left side	0.019	0.321	0.152	0.046				0.026	0.52	0.37	0.39
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31	
		Top side		0.025	0.350	0.246	0.419	0.095	0.072	0.45	0.52	0.37	
	Bottom side	0.441							0.44	0.44	0.44		
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 4	Front	0.159	0.145	0.200	0.100	0.180	0.123	0.055	0.56	0.54	0.53	
		Back	0.320	0.187	0.381	0.303	0.256	0.179	0.102	0.99	0.87	0.99	
		Left side	0.019		0.152	0.046				0.026	0.20	0.05	0.07
		Right side		0.380	0.236	0.069	0.394	0.236	0.065	0.68	0.84	0.69	
		Top side		0.016	0.350	0.246	0.419	0.095	0.072	0.44	0.51	0.36	
	Bottom side	0.441							0.44	0.44	0.44		
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 1	Front	0.181	0.074	0.200	0.100	0.180	0.123	0.055	0.51	0.49	0.48	
		Back	0.151	0.112	0.381	0.303	0.256	0.179	0.102	0.75	0.62	0.75	
		Left side	0.340	0.072	0.152	0.046				0.026	0.59	0.44	0.46
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31	
		Top side	0.030	0.119	0.350	0.246	0.419	0.095	0.072	0.57	0.64	0.49	
	Bottom side								0.00	0.00	0.00		
LTE Band 4_Other PA Ant	LTE Band 7_Main PA Ant	Front	0.181	0.173	0.200	0.100	0.180	0.123	0.055	0.61	0.59	0.58	
		Back	0.151	0.268	0.381	0.303	0.256	0.179	0.102	0.90	0.78	0.90	
		Left side	0.340	0.082	0.152	0.046				0.026	0.60	0.45	0.47



3	2	Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.030		0.350	0.246	0.419	0.095	0.072	0.45	0.52	0.37
		Bottom side		0.452						0.45	0.45	0.45
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 3	Front	0.181	0.164	0.200	0.100	0.180	0.123	0.055	0.60	0.58	0.57
		Back	0.151	0.152	0.381	0.303	0.256	0.179	0.102	0.79	0.66	0.79
		Left side	0.340	0.321	0.152	0.046			0.026	0.84	0.69	0.71
		Right side			0.236	0.069	0.394	0.236	0.065	0.30	0.46	0.31
		Top side	0.030	0.025	0.350	0.246	0.419	0.095	0.072	0.48	0.55	0.40
		Bottom side								0.00	0.00	0.00
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 4	Front	0.181	0.145	0.200	0.100	0.180	0.123	0.055	0.58	0.56	0.55
		Back	0.151	0.187	0.381	0.303	0.256	0.179	0.102	0.82	0.70	0.82
		Left side	0.340		0.152	0.046			0.026	0.52	0.37	0.39
		Right side		0.380	0.236	0.069	0.394	0.236	0.065	0.68	0.84	0.69
		Top side	0.030	0.016	0.350	0.246	0.419	0.095	0.072	0.47	0.54	0.39
		Bottom side								0.00	0.00	0.00
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 1	Front	0.023	0.074	0.200	0.100	0.180	0.123	0.055	0.35	0.33	0.32
		Back	0.029	0.112	0.381	0.303	0.256	0.179	0.102	0.62	0.50	0.62
		Left side		0.072	0.152	0.046			0.026	0.25	0.10	0.12
		Right side	0.054		0.236	0.069	0.394	0.236	0.065	0.36	0.51	0.36
		Top side	0.013	0.119	0.350	0.246	0.419	0.095	0.072	0.55	0.62	0.47
		Bottom side								0.00	0.00	0.00
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 2	Front	0.023	0.173	0.200	0.100	0.180	0.123	0.055	0.45	0.43	0.42
		Back	0.029	0.268	0.381	0.303	0.256	0.179	0.102	0.78	0.66	0.78
		Left side		0.082	0.152	0.046			0.026	0.26	0.11	0.13
		Right side	0.054		0.236	0.069	0.394	0.236	0.065	0.36	0.51	0.36
		Top side	0.013		0.350	0.246	0.419	0.095	0.072	0.44	0.50	0.35
		Bottom side		0.452						0.45	0.45	0.45
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 3	Front	0.023	0.164	0.200	0.100	0.180	0.123	0.055	0.44	0.42	0.41
		Back	0.029	0.152	0.381	0.303	0.256	0.179	0.102	0.66	0.54	0.66
		Left side		0.321	0.152	0.046			0.026	0.50	0.35	0.37
		Right side	0.054		0.236	0.069	0.394	0.236	0.065	0.36	0.51	0.36
		Top side	0.013	0.025	0.350	0.246	0.419	0.095	0.072	0.46	0.53	0.38
		Bottom side								0.00	0.00	0.00
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 4	Front	0.023	0.145	0.200	0.100	0.180	0.123	0.055	0.42	0.40	0.39
		Back	0.029	0.187	0.381	0.303	0.256	0.179	0.102	0.70	0.57	0.70
		Left side			0.152	0.046			0.026	0.18	0.03	0.05
		Right side	0.054	0.380	0.236	0.069	0.394	0.236	0.065	0.74	0.89	0.74
		Top side	0.013	0.016	0.350	0.246	0.419	0.095	0.072	0.45	0.52	0.37
		Bottom side								0.00	0.00	0.00



16.3 Body-Worn Accessory Exposure Conditions

WWAN Band	Exposure Position	1	3	4	10	11	17	1+3+17	1+10+17	1+4+11
		WWAN	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
		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)	1g SAR (W/kg)	1g SAR (W/kg)
Ant 0	Front	0.360	0.102	0.056	0.257	0.208	0.017	0.48	0.63	0.62
	Back	0.313	0.214	0.178	0.431	0.282	0.069	0.60	0.81	0.77
Ant 1	Front	0.504	0.102	0.056	0.257	0.208	0.017	0.62	0.78	0.77
	Back	0.844	0.214	0.178	0.431	0.282	0.069	1.13	1.34	1.30
Ant 2	Front	0.605	0.102	0.056	0.257	0.208	0.017	0.72	0.88	0.87
	Back	1.085	0.214	0.178	0.431	0.282	0.069	1.37	1.59	1.55
Ant 3	Front	0.660	0.102	0.056	0.257	0.208	0.017	0.78	0.93	0.92
	Back	0.351	0.214	0.178	0.431	0.282	0.069	0.63	0.85	0.81
Ant 4	Front	0.240	0.102	0.056	0.257	0.208	0.017	0.36	0.51	0.50
	Back	0.527	0.214	0.178	0.431	0.282	0.069	0.81	1.03	0.99
Ant 5	Front	0.136	0.102	0.056	0.257	0.208	0.017	0.26	0.41	0.40
	Back	0.179	0.214	0.178	0.431	0.282	0.069	0.46	0.68	0.64
Ant 6	Front	0.285	0.102	0.056	0.257	0.208	0.017	0.40	0.56	0.55
	Back	0.222	0.214	0.178	0.431	0.282	0.069	0.51	0.72	0.68
Ant 7	Front	0.041	0.102	0.056	0.257	0.208	0.017	0.16	0.32	0.31
	Back	0.860	0.214	0.178	0.431	0.282	0.069	1.14	1.36	1.32

Exposure Position	4	11	4+11
	WLAN2.4GHz Ant 17	WLAN5GHz Ant 18	Summed
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Front	0.056	0.236	0.29
Back	0.178	0.346	0.52

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WWAN Band	FR1 Band	Exposure Position	1	2	3	4	10	11	17	1+2+3+17	1+2+10+17	1+2+4+11
			WWAN	FR1	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
			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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 0	FR1 Ant 1	Front	0.324	0.322	0.102	0.056	0.257	0.208	0.017	0.77	0.92	0.91
		Back	0.307	0.546	0.214	0.178	0.431	0.282	0.069	1.14	1.35	1.31
LTE Ant 0	FR1 Ant 2	Front	0.324	0.325	0.102	0.056	0.257	0.208	0.017	0.77	0.92	0.91
		Back	0.307	0.545	0.214	0.178	0.431	0.282	0.069	1.14	1.35	1.31
LTE Ant 0	FR1 Ant 3	Front	0.324	0.535	0.102	0.056	0.257	0.208	0.017	0.98	1.13	1.12
		Back	0.307	0.316	0.214	0.178	0.431	0.282	0.069	0.91	1.12	1.08
LTE Ant 0	FR1 Ant 4	Front	0.324	0.184	0.102	0.056	0.257	0.208	0.017	0.63	0.78	0.77
		Back	0.307	0.302	0.214	0.178	0.431	0.282	0.069	0.89	1.11	1.07
LTE Ant 0	FR1 Ant 5	Front	0.324	0.123	0.102	0.056	0.257	0.208	0.017	0.57	0.72	0.71
		Back	0.307	0.158	0.214	0.178	0.431	0.282	0.069	0.75	0.97	0.93
LTE Ant 0	FR1 Ant 6	Front	0.324	0.254	0.102	0.056	0.257	0.208	0.017	0.70	0.85	0.84
		Back	0.307	0.198	0.214	0.178	0.431	0.282	0.069	0.79	1.01	0.97
LTE Ant 0	FR1 Ant 7	Front	0.324	0.017	0.102	0.056	0.257	0.208	0.017	0.46	0.62	0.61
		Back	0.307	0.538	0.214	0.178	0.431	0.282	0.069	1.13	1.35	1.31
LTE Ant 1	FR1 Ant 0	Front	0.293	0.360	0.102	0.056	0.257	0.208	0.017	0.77	0.93	0.92
		Back	0.543	0.313	0.214	0.178	0.431	0.282	0.069	1.14	1.36	1.32
LTE Ant 1	FR1 Ant 1	Front	0.293	0.322	0.102	0.056	0.257	0.208	0.017	0.73	0.89	0.88
		Back	0.543	0.546	0.214	0.178	0.431	0.282	0.069	1.37	1.59	1.55
LTE Ant 1	FR1 Ant 2	Front	0.293	0.325	0.102	0.056	0.257	0.208	0.017	0.74	0.89	0.88
		Back	0.543	0.545	0.214	0.178	0.431	0.282	0.069	1.37	1.59	1.55
LTE	FR1	Front	0.293	0.535	0.102	0.056	0.257	0.208	0.017	0.95	1.10	1.09



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Ant 1	Ant 3	Back	0.543	0.316	0.214	0.178	0.431	0.282	0.069	1.14	1.36	1.32
LTE Ant 1	FR1 Ant 4	Front	0.293	0.184	0.102	0.056	0.257	0.208	0.017	0.60	0.75	0.74
		Back	0.543	0.302	0.214	0.178	0.431	0.282	0.069	1.13	1.35	1.31
LTE Ant 1	FR1 Ant 5	Front	0.293	0.123	0.102	0.056	0.257	0.208	0.017	0.54	0.69	0.68
		Back	0.543	0.158	0.214	0.178	0.431	0.282	0.069	0.98	1.20	1.16
LTE Ant 1	FR1 Ant 6	Front	0.293	0.254	0.102	0.056	0.257	0.208	0.017	0.67	0.82	0.81
		Back	0.543	0.198	0.214	0.178	0.431	0.282	0.069	1.02	1.24	1.20
LTE Ant 1	FR1 Ant 7	Front	0.293	0.017	0.102	0.056	0.257	0.208	0.017	0.43	0.58	0.57
		Back	0.543	0.538	0.214	0.178	0.431	0.282	0.069	1.36	1.58	1.54
LTE Ant 2	FR1 Ant 0	Front	0.331	0.360	0.102	0.056	0.257	0.208	0.017	0.81	0.97	0.96
		Back	0.545	0.313	0.214	0.178	0.431	0.282	0.069	1.14	1.36	1.32
LTE Ant 2	FR1 Ant 1	Front	0.331	0.322	0.102	0.056	0.257	0.208	0.017	0.77	0.93	0.92
		Back	0.545	0.546	0.214	0.178	0.431	0.282	0.069	1.37	1.59	1.55
LTE Ant 2	FR1 Ant 2	Front	0.331	0.325	0.102	0.056	0.257	0.208	0.017	0.78	0.93	0.92
		Back	0.545	0.545	0.214	0.178	0.431	0.282	0.069	1.37	1.59	1.55
LTE Ant 2	FR1 Ant 3	Front	0.331	0.535	0.102	0.056	0.257	0.208	0.017	0.99	1.14	1.13
		Back	0.545	0.316	0.214	0.178	0.431	0.282	0.069	1.14	1.36	1.32
LTE Ant 2	FR1 Ant 4	Front	0.331	0.184	0.102	0.056	0.257	0.208	0.017	0.63	0.79	0.78
		Back	0.545	0.302	0.214	0.178	0.431	0.282	0.069	1.13	1.35	1.31
LTE Ant 2	FR1 Ant 5	Front	0.331	0.123	0.102	0.056	0.257	0.208	0.017	0.57	0.73	0.72
		Back	0.545	0.158	0.214	0.178	0.431	0.282	0.069	0.99	1.20	1.16
LTE Ant 2	FR1 Ant 6	Front	0.331	0.254	0.102	0.056	0.257	0.208	0.017	0.70	0.86	0.85
		Back	0.545	0.198	0.214	0.178	0.431	0.282	0.069	1.03	1.24	1.20
LTE Ant 2	FR1 Ant 7	Front	0.331	0.017	0.102	0.056	0.257	0.208	0.017	0.47	0.62	0.61
		Back	0.545	0.538	0.214	0.178	0.431	0.282	0.069	1.37	1.58	1.54
LTE Ant 3	FR1 Ant 0	Front	0.510	0.360	0.102	0.056	0.257	0.208	0.017	0.99	1.14	1.13
		Back	0.294	0.313	0.214	0.178	0.431	0.282	0.069	0.89	1.11	1.07
LTE Ant 3	FR1 Ant 1	Front	0.510	0.322	0.102	0.056	0.257	0.208	0.017	0.95	1.11	1.10
		Back	0.294	0.546	0.214	0.178	0.431	0.282	0.069	1.12	1.34	1.30
LTE Ant 3	FR1 Ant 2	Front	0.510	0.325	0.102	0.056	0.257	0.208	0.017	0.95	1.11	1.10
		Back	0.294	0.545	0.214	0.178	0.431	0.282	0.069	1.12	1.34	1.30
LTE Ant 3	FR1 Ant 3	Front	0.510	0.535	0.102	0.056	0.257	0.208	0.017	1.16	1.32	1.31
		Back	0.294	0.316	0.214	0.178	0.431	0.282	0.069	0.89	1.11	1.07
LTE Ant 3	FR1 Ant 4	Front	0.510	0.184	0.102	0.056	0.257	0.208	0.017	0.81	0.97	0.96
		Back	0.294	0.302	0.214	0.178	0.431	0.282	0.069	0.88	1.10	1.06
LTE Ant 3	FR1 Ant 5	Front	0.510	0.123	0.102	0.056	0.257	0.208	0.017	0.75	0.91	0.90
		Back	0.294	0.158	0.214	0.178	0.431	0.282	0.069	0.74	0.95	0.91
LTE Ant 3	FR1 Ant 6	Front	0.510	0.254	0.102	0.056	0.257	0.208	0.017	0.88	1.04	1.03
		Back	0.294	0.198	0.214	0.178	0.431	0.282	0.069	0.78	0.99	0.95
LTE Ant 3	FR1 Ant 7	Front	0.510	0.017	0.102	0.056	0.257	0.208	0.017	0.65	0.80	0.79
		Back	0.294	0.538	0.214	0.178	0.431	0.282	0.069	1.12	1.33	1.29



WWAN Band	FR1 Band	Exposure Position	1	2	3	4	10	11	17	1+2+3+17	1+2+10+17	1+2+4+11
			WWAN	FR1	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
			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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Ant 4	FR1 Ant 0	Front	0.196	0.360	0.102	0.056	0.257	0.208	0.017	0.68	0.83	0.82
		Back	0.331	0.313	0.214	0.178	0.431	0.282	0.069	0.93	1.14	1.10
LTE Ant 4	FR1 Ant 1	Front	0.196	0.322	0.102	0.056	0.257	0.208	0.017	0.64	0.79	0.78
		Back	0.331	0.546	0.214	0.178	0.431	0.282	0.069	1.16	1.38	1.34
LTE Ant 4	FR1 Ant 2	Front	0.196	0.325	0.102	0.056	0.257	0.208	0.017	0.64	0.80	0.79
		Back	0.331	0.545	0.214	0.178	0.431	0.282	0.069	1.16	1.38	1.34
LTE Ant 4	FR1 Ant 3	Front	0.196	0.535	0.102	0.056	0.257	0.208	0.017	0.85	1.01	1.00
		Back	0.331	0.316	0.214	0.178	0.431	0.282	0.069	0.93	1.15	1.11
LTE Ant 4	FR1 Ant 4	Front	0.196	0.184	0.102	0.056	0.257	0.208	0.017	0.50	0.65	0.64
		Back	0.331	0.302	0.214	0.178	0.431	0.282	0.069	0.92	1.13	1.09
LTE Ant 4	FR1 Ant 5	Front	0.196	0.123	0.102	0.056	0.257	0.208	0.017	0.44	0.59	0.58
		Back	0.331	0.158	0.214	0.178	0.431	0.282	0.069	0.77	0.99	0.95
LTE Ant 4	FR1 Ant 6	Front	0.196	0.254	0.102	0.056	0.257	0.208	0.017	0.57	0.72	0.71
		Back	0.331	0.198	0.214	0.178	0.431	0.282	0.069	0.81	1.03	0.99
LTE Ant 4	FR1 Ant 7	Front	0.196	0.017	0.102	0.056	0.257	0.208	0.017	0.33	0.49	0.48
		Back	0.331	0.538	0.214	0.178	0.431	0.282	0.069	1.15	1.37	1.33

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WWAN Band	WWAN Band	Exposure Position	1	2	3	4	10	11	17	1+2+3+17	1+2+10+17	1+2+4+11
			WWAN	WWAN	WLAN2.4GHz Ant 6+17	WLAN2.4GHz Ant 17	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	Bluetooth Ant 17	Summed	Summed	Summed
			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)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 2_Main PA Ant 2	LTE Band 4_Other PA Ant 1	Front	0.319	0.265	0.102	0.056	0.257	0.208	0.017	0.70	0.86	0.85
		Back	0.529	0.543	0.214	0.178	0.431	0.282	0.069	1.36	1.57	1.53
LTE Band 2_Main PA Ant 2	LTE Band 4_Other PA Ant 3	Front	0.319	0.244	0.102	0.056	0.257	0.208	0.017	0.68	0.84	0.83
		Back	0.529	0.178	0.214	0.178	0.431	0.282	0.069	0.99	1.21	1.17
LTE Band 2_Main PA Ant 4	LTE Band 4_Other PA Ant 1	Front	0.193	0.265	0.102	0.056	0.257	0.208	0.017	0.58	0.73	0.72
		Back	0.331	0.543	0.214	0.178	0.431	0.282	0.069	1.16	1.37	1.33
LTE Band 2_Main PA Ant 4	LTE Band 4_Other PA Ant 3	Front	0.193	0.244	0.102	0.056	0.257	0.208	0.017	0.56	0.71	0.70
		Back	0.331	0.178	0.214	0.178	0.431	0.282	0.069	0.79	1.01	0.97
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 1	Front	0.265	0.240	0.102	0.056	0.257	0.208	0.017	0.62	0.78	0.77
		Back	0.543	0.485	0.214	0.178	0.431	0.282	0.069	1.31	1.53	1.49
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 2	Front	0.265	0.331	0.102	0.056	0.257	0.208	0.017	0.72	0.87	0.86
		Back	0.543	0.545	0.214	0.178	0.431	0.282	0.069	1.37	1.59	1.55
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 3	Front	0.265	0.510	0.102	0.056	0.257	0.208	0.017	0.89	1.05	1.04
		Back	0.543	0.294	0.214	0.178	0.431	0.282	0.069	1.12	1.34	1.30
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 4	Front	0.265	0.196	0.102	0.056	0.257	0.208	0.017	0.58	0.74	0.73
		Back	0.543	0.246	0.214	0.178	0.431	0.282	0.069	1.07	1.29	1.25
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 1	Front	0.320	0.240	0.102	0.056	0.257	0.208	0.017	0.68	0.83	0.82
		Back	0.539	0.485	0.214	0.178	0.431	0.282	0.069	1.31	1.52	1.48
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 2	Front	0.320	0.331	0.102	0.056	0.257	0.208	0.017	0.77	0.93	0.92
		Back	0.539	0.545	0.214	0.178	0.431	0.282	0.069	1.37	1.58	1.54
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 3	Front	0.320	0.510	0.102	0.056	0.257	0.208	0.017	0.95	1.10	1.09
		Back	0.539	0.294	0.214	0.178	0.431	0.282	0.069	1.12	1.33	1.29
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 4	Front	0.320	0.196	0.102	0.056	0.257	0.208	0.017	0.64	0.79	0.78
		Back	0.539	0.246	0.214	0.178	0.431	0.282	0.069	1.07	1.29	1.25
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 1	Front	0.244	0.240	0.102	0.056	0.257	0.208	0.017	0.60	0.76	0.75
		Back	0.178	0.485	0.214	0.178	0.431	0.282	0.069	0.95	1.16	1.12
LTE Band	LTE Band	Front	0.244	0.331	0.102	0.056	0.257	0.208	0.017	0.69	0.85	0.84



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4_Other PA Ant 3	7_Main PA Ant 2	Back	0.178	0.545	0.214	0.178	0.431	0.282	0.069	1.01	1.22	1.18
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 3	Front	0.244	0.510	0.102	0.056	0.257	0.208	0.017	0.87	1.03	1.02
		Back	0.178	0.294	0.214	0.178	0.431	0.282	0.069	0.76	0.97	0.93
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 4	Front	0.244	0.196	0.102	0.056	0.257	0.208	0.017	0.56	0.71	0.70
		Back	0.178	0.246	0.214	0.178	0.431	0.282	0.069	0.71	0.92	0.88
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 1	Front	0.011	0.240	0.102	0.056	0.257	0.208	0.017	0.37	0.53	0.52
		Back	0.017	0.485	0.214	0.178	0.431	0.282	0.069	0.79	1.00	0.96
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 2	Front	0.011	0.331	0.102	0.056	0.257	0.208	0.017	0.46	0.62	0.61
		Back	0.017	0.545	0.214	0.178	0.431	0.282	0.069	0.85	1.06	1.02
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 3	Front	0.011	0.510	0.102	0.056	0.257	0.208	0.017	0.64	0.80	0.79
		Back	0.017	0.294	0.214	0.178	0.431	0.282	0.069	0.59	0.81	0.77
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 4	Front	0.011	0.196	0.102	0.056	0.257	0.208	0.017	0.33	0.48	0.47
		Back	0.017	0.246	0.214	0.178	0.431	0.282	0.069	0.55	0.76	0.72



16.4 Product specific 10g SAR Exposure Conditions

Remark:

- For WLAN2.4GHz/ Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is <1.2W/kg.

WWAN Band	Exposure Position	1	10	11	18	1+18	1+10+18	1+11+18
		WWAN	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	NFC	Summed	Summed	Summed
		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)
Ant 0	Front		1.135	0.829	0.003	0.00	1.14	0.83
	Back		0.398	0.377	0.007	0.01	0.41	0.38
	Left side				0.001	0.00	0.00	0.00
	Right side		1.332	1.317	0.002	0.00	1.33	1.32
	Top side		1.349	0.172	0.001	0.00	1.35	0.17
	Bottom side				0.001	0.00	0.00	0.00
Ant 1	Front		1.135	0.829	0.003	0.00	1.14	0.83
	Back	1.938	0.398	0.377	0.007	1.95	2.34	2.32
	Left side	2.336			0.001	2.34	2.34	2.34
	Right side		1.332	1.317	0.002	0.00	1.33	1.32
	Top side	2.518	1.349	0.172	0.001	2.52	3.87	2.69
	Bottom side				0.001	0.00	0.00	0.00
Ant 2	Front	1.295	1.135	0.829	0.003	1.30	2.43	2.13
	Back	2.543	0.398	0.377	0.007	2.55	2.95	2.93
	Left side				0.001	0.00	0.00	0.00
	Right side		1.332	1.317	0.002	0.00	1.33	1.32
	Top side		1.349	0.172	0.001	0.00	1.35	0.17
	Bottom side	2.580			0.001	2.58	2.58	2.58
Ant 3	Front		1.135	0.829	0.003	0.00	1.14	0.83
	Back		0.398	0.377	0.007	0.01	0.41	0.38
	Left side	2.538			0.001	2.54	2.54	2.54
	Right side		1.332	1.317	0.002	0.00	1.33	1.32
	Top side		1.349	0.172	0.001	0.00	1.35	0.17
	Bottom side				0.001	0.00	0.00	0.00
Ant 4	Front		1.135	0.829	0.003	0.00	1.14	0.83
	Back		0.398	0.377	0.007	0.01	0.41	0.38
	Left side				0.001	0.00	0.00	0.00
	Right side	2.239	1.332	1.317	0.002	2.24	3.57	3.56
	Top side		1.349	0.172	0.001	0.00	1.35	0.17
	Bottom side				0.001	0.00	0.00	0.00
Ant 5	Front		1.135	0.829	0.003	0.00	1.14	0.83
	Back		0.398	0.377	0.007	0.01	0.41	0.38
	Left side				0.001	0.00	0.00	0.00
	Right side		1.332	1.317	0.002	0.00	1.33	1.32
	Top side		1.349	0.172	0.001	0.00	1.35	0.17
	Bottom side				0.001	0.00	0.00	0.00
Ant 6	Front		1.135	0.829	0.003	0.00	1.14	0.83
	Back		0.398	0.377	0.007	0.01	0.41	0.38
	Left side				0.001	0.00	0.00	0.00
	Right side		1.332	1.317	0.002	0.00	1.33	1.32
	Top side		1.349	0.172	0.001	0.00	1.35	0.17
	Bottom side				0.001	0.00	0.00	0.00
Ant 7	Front		1.135	0.829	0.003	0.00	1.14	0.83
	Back	1.658	0.398	0.377	0.007	1.67	2.06	2.04
	Left side				0.001	0.00	0.00	0.00
	Right side		1.332	1.317	0.002	0.00	1.33	1.32
	Top side		1.349	0.172	0.001	0.00	1.35	0.17
	Bottom side				0.001	0.00	0.00	0.00



Exposure Position	11	18	11+18
	WLAN5GHz Ant 18	NFC	Summed
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
Front	1.221	0.003	1.22
Back	0.588	0.007	0.60
Left side		0.001	0.00
Right side	2.111	0.002	2.11
Top side	0.225	0.001	0.23
Bottom side		0.001	0.00

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WWAN Band	FR1 Band	Exposure Position	1	2	10	11	18	1+2+18	1+2+10+18	1+2+11+18
			WWAN	FR1	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	NFC	Summed	Summed	Summed
			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)	10g SAR (W/kg)
LTE Ant 0	FR1 Ant 1	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side		1.324	1.349	0.172	0.001	1.33	2.67	1.50
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 0	FR1 Ant 2	Front		0.709	1.135	0.829	0.003	0.71	1.85	1.54
		Back		1.271	0.398	0.377	0.007	1.28	1.68	1.66
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side		1.311			0.001	1.31	1.31	1.31
LTE Ant 0	FR1 Ant 3	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side		1.917			0.001	1.92	1.92	1.92
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 0	FR1 Ant 4	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side		1.229	1.332	1.317	0.002	1.23	2.56	2.55
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 0	FR1 Ant 5	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 0	FR1 Ant 6	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 0	FR1 Ant 7	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back		1.293	0.398	0.377	0.007	1.30	1.70	1.68
		Left side					0.001	0.00	0.00	0.00



		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 1	FR1 Ant 0	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 1	FR1 Ant 1	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285	1.324	1.349	0.172	0.001	2.61	3.96	2.78
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 1	FR1 Ant 2	Front		0.709	1.135	0.829	0.003	0.71	1.85	1.54
		Back		1.271	0.398	0.377	0.007	1.28	1.68	1.66
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
		Bottom side		1.311			0.001	1.31	1.31	1.31
LTE Ant 1	FR1 Ant 3	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side		1.917			0.001	1.92	1.92	1.92
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 1	FR1 Ant 4	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side		1.229	1.332	1.317	0.002	1.23	2.56	2.55
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 1	FR1 Ant 5	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 1	FR1 Ant 6	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 1	FR1 Ant 7	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back		1.293	0.398	0.377	0.007	1.30	1.70	1.68
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 2	FR1 Ant 0	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.354		0.398	0.377	0.007	1.36	1.76	1.74
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17



		Bottom side	1.195				0.001	1.20	1.20	1.20
LTE Ant 2	FR1 Ant 1	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.354		0.398	0.377	0.007	1.36	1.76	1.74
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side		1.324	1.349	0.172	0.001	1.33	2.67	1.50
		Bottom side	1.195				0.001	1.20	1.20	1.20
LTE Ant 2	FR1 Ant 2	Front		0.709	1.135	0.829	0.003	0.71	1.85	1.54
		Back	1.354	1.271	0.398	0.377	0.007	2.63	3.03	3.01
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	1.195	1.311			0.001	2.51	2.51	2.51
LTE Ant 2	FR1 Ant 3	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.354		0.398	0.377	0.007	1.36	1.76	1.74
		Left side		1.917			0.001	1.92	1.92	1.92
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	1.195				0.001	1.20	1.20	1.20
LTE Ant 2	FR1 Ant 4	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.354		0.398	0.377	0.007	1.36	1.76	1.74
		Left side					0.001	0.00	0.00	0.00
		Right side		1.229	1.332	1.317	0.002	1.23	2.56	2.55
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	1.195				0.001	1.20	1.20	1.20
LTE Ant 2	FR1 Ant 5	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.354		0.398	0.377	0.007	1.36	1.76	1.74
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	1.195				0.001	1.20	1.20	1.20
LTE Ant 2	FR1 Ant 6	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.354		0.398	0.377	0.007	1.36	1.76	1.74
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	1.195				0.001	1.20	1.20	1.20
LTE Ant 2	FR1 Ant 7	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.354	1.293	0.398	0.377	0.007	2.65	3.05	3.03
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	1.195				0.001	1.20	1.20	1.20
LTE Ant 3	FR1 Ant 0	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side	1.339				0.001	1.34	1.34	1.34
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant 3	FR1 Ant 1	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side	1.339				0.001	1.34	1.34	1.34
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side		1.324	1.349	0.172	0.001	1.33	2.67	1.50
		Bottom side					0.001	0.00	0.00	0.00
LTE Ant	FR1 Ant	Front		0.709	1.135	0.829	0.003	0.71	1.85	1.54



3	2	Back		1.271	0.398	0.377	0.007	1.28	1.68	1.66
		Left side	1.339				0.001	1.34	1.34	1.34
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side		1.311			0.001	1.31	1.31	1.31
LTE Ant 3	FR1 Ant 3	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side	1.339	1.917			0.001	3.26	3.26	3.26
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
LTE Ant 3	FR1 Ant 4	Bottom side					0.001	0.00	0.00	0.00
		Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side	1.339				0.001	1.34	1.34	1.34
		Right side		1.229	1.332	1.317	0.002	1.23	2.56	2.55
LTE Ant 3	FR1 Ant 5	Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
		Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side	1.339				0.001	1.34	1.34	1.34
LTE Ant 3	FR1 Ant 6	Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
		Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
LTE Ant 3	FR1 Ant 7	Left side	1.339				0.001	1.34	1.34	1.34
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
		Front			1.135	0.829	0.003	0.00	1.14	0.83
LTE Ant 3	FR1 Ant 7	Back		1.293	0.398	0.377	0.007	1.30	1.70	1.68
		Left side	1.339				0.001	1.34	1.34	1.34
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00

WWAN Band	FR1 Band	Exposure Position	1	2	10	11	18	1+2+18	1+2+10+18	1+2+11+18
			WWAN	FR1	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	NFC	Summed	Summed	Summed
			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)	10g SAR (W/kg)
LTE Ant 4	FR1 Ant 0	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side	1.297		1.332	1.317	0.002	1.30	2.63	2.62
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
LTE Ant 4	FR1 Ant 1	Bottom side					0.001	0.00	0.00	0.00
		Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side	1.297		1.332	1.317	0.002	1.30	2.63	2.62
LTE Ant 4	FR1 Ant 2	Top side		1.324	1.349	0.172	0.001	1.33	2.67	1.50
		Bottom side					0.001	0.00	0.00	0.00
		Front		0.709	1.135	0.829	0.003	0.71	1.85	1.54
		Back		1.271	0.398	0.377	0.007	1.28	1.68	1.66
LTE Ant 4	FR1 Ant 2	Left side					0.001	0.00	0.00	0.00
		Right side	1.297		1.332	1.317	0.002	1.30	2.63	2.62



		Top side			1.349	0.172	0.001	0.00	1.35	0.17	
		Bottom side		1.311				0.001	1.31	1.31	1.31
LTE Ant 4	FR1 Ant 3	Front			1.135	0.829	0.003	0.00	1.14	0.83	
		Back			0.398	0.377	0.007	0.01	0.41	0.38	
		Left side		1.917				0.001	1.92	1.92	1.92
		Right side	1.297		1.332	1.317	0.002	1.30	2.63	2.62	
		Top side			1.349	0.172	0.001	0.00	1.35	0.17	
		Bottom side					0.001	0.00	0.00	0.00	
LTE Ant 4	FR1 Ant 4	Front			1.135	0.829	0.003	0.00	1.14	0.83	
		Back			0.398	0.377	0.007	0.01	0.41	0.38	
		Left side					0.001	0.00	0.00	0.00	
		Right side	1.297	1.229	1.332	1.317	0.002	2.53	3.86	3.85	
		Top side			1.349	0.172	0.001	0.00	1.35	0.17	
		Bottom side					0.001	0.00	0.00	0.00	
LTE Ant 4	FR1 Ant 5	Front			1.135	0.829	0.003	0.00	1.14	0.83	
		Back			0.398	0.377	0.007	0.01	0.41	0.38	
		Left side					0.001	0.00	0.00	0.00	
		Right side	1.297		1.332	1.317	0.002	1.30	2.63	2.62	
		Top side			1.349	0.172	0.001	0.00	1.35	0.17	
		Bottom side					0.001	0.00	0.00	0.00	
LTE Ant 4	FR1 Ant 6	Front			1.135	0.829	0.003	0.00	1.14	0.83	
		Back			0.398	0.377	0.007	0.01	0.41	0.38	
		Left side					0.001	0.00	0.00	0.00	
		Right side	1.297		1.332	1.317	0.002	1.30	2.63	2.62	
		Top side			1.349	0.172	0.001	0.00	1.35	0.17	
		Bottom side					0.001	0.00	0.00	0.00	
LTE Ant 4	FR1 Ant 7	Front			1.135	0.829	0.003	0.00	1.14	0.83	
		Back		1.293	0.398	0.377	0.007	1.30	1.70	1.68	
		Left side					0.001	0.00	0.00	0.00	
		Right side	1.297		1.332	1.317	0.002	1.30	2.63	2.62	
		Top side			1.349	0.172	0.001	0.00	1.35	0.17	
		Bottom side					0.001	0.00	0.00	0.00	

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WWAN Band	WWAN Band	Exposure Position	1	2	10	11	18	1+2+18	1+2+10+18	1+2+11+18
			WWAN	WWAN	WLAN5GHz Ant 5+18	WLAN5GHz Ant 18	NFC	Summed	Summed	Summed
			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)	10g SAR (W/kg)
LTE Band 2_Main PA Ant 2	LTE Band 4_Other PA Ant 1	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.354		0.398	0.377	0.007	1.36	1.76	1.74
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side		1.285	1.349	0.172	0.001	1.29	2.64	1.46
		Bottom side	1.195				0.001	1.20	1.20	1.20
LTE Band 2_Main PA Ant 2	LTE Band 4_Other PA Ant 3	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.354		0.398	0.377	0.007	1.36	1.76	1.74
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	1.195				0.001	1.20	1.20	1.20
LTE Band 2_Main PA Ant 4	LTE Band 4_Other PA Ant 1	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side		1.285	1.349	0.172	0.001	1.29	2.64	1.46
		Bottom side					0.001	0.00	0.00	0.00
LTE Band	LTE Band	Front			1.135	0.829	0.003	0.00	1.14	0.83



2_Main PA Ant 4	4_Other PA Ant 3	Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 1	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 2	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back		1.342	0.398	0.377	0.007	1.35	1.75	1.73
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 3	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side		1.339			0.001	1.34	1.34	1.34
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
LTE Band 4_Other PA Ant 1	LTE Band 7_Main PA Ant 4	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side	1.285		1.349	0.172	0.001	1.29	2.64	1.46
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 1	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.278		0.398	0.377	0.007	1.29	1.68	1.66
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 2	Bottom side	0.779				0.001	0.78	0.78	0.78
		Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.278	1.342	0.398	0.377	0.007	2.63	3.03	3.00
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 3	Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	0.779	1.172			0.001	1.95	1.95	1.95
		Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.278		0.398	0.377	0.007	1.29	1.68	1.66
		Left side		1.339			0.001	1.34	1.34	1.34
LTE Band 4_Other PA Ant 2	LTE Band 7_Main PA Ant 4	Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	0.779	1.172			0.001	1.95	1.95	1.95
		Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back	1.278		0.398	0.377	0.007	1.29	1.68	1.66
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 1	Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side	0.779	1.172			0.001	0.78	0.78	0.78
		Front			1.135	0.829	0.003	0.00	1.14	0.83
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 1	Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00



		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 2	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back		1.342	0.398	0.377	0.007	1.35	1.75	1.73
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side		1.172			0.001	1.17	1.17	1.17
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 3	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side		1.339			0.001	1.34	1.34	1.34
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Band 4_Other PA Ant 3	LTE Band 7_Main PA Ant 4	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 1	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 2	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back		1.342	0.398	0.377	0.007	1.35	1.75	1.73
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side		1.172			0.001	1.17	1.17	1.17
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 3	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side		1.339			0.001	1.34	1.34	1.34
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00
LTE Band 4_Other PA Ant 4	LTE Band 7_Main PA Ant 4	Front			1.135	0.829	0.003	0.00	1.14	0.83
		Back			0.398	0.377	0.007	0.01	0.41	0.38
		Left side					0.001	0.00	0.00	0.00
		Right side			1.332	1.317	0.002	0.00	1.33	1.32
		Top side			1.349	0.172	0.001	0.00	1.35	0.17
		Bottom side					0.001	0.00	0.00	0.00

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17. Uncertainty Assessment

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

18. References

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- [5] FCC KDB 865664 D01 v01r04, “SAR Measurement Requirements for 100 MHz to 6 GHz”, Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015.
- [7] FCC KDB 648474 D04 v01r03, “SAR Evaluation Considerations for Wireless Handsets”, Oct 2015.
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- [10] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015
- [11] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015
- [12] FCC KDB 941225 D05A v01r02, “Rel. 10 LTE SAR Test Guidance and KDB Inquiries”, Oct 2015
- [13] FCC KDB 941225 D06 v02r01, “SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities”, Oct 2015.
- [14] FCC KDB 447498 D01 v06, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Oct 2015

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