

Standard	Band	BW	Modulation	RB Size	RB Offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Auto-tune is turned on		Auto-tune turned off		Auto-tune turned off		Auto-tune is turned on	
																State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)
FCC/IC	WCDMA V					RMC 12.2Kbps	Left Cheek	0mm	Ant 1	DSI 2	4182	836.4	-0.04	0.286	0.387	69	0.256	68	0.158	70	0.165	69	0.252
FCC/IC	LTE Band 7	20M	QPSK	1	0		Left Tilted	0mm	Ant 3	DSI 2	21100	2535	-0.03	0.776	1.145	10	1.19	9	1.16	11	1.14	10	1.15
FCC/IC	LTE Band 7	20M	QPSK	1	0		Left Cheek	0mm	Ant 1	DSI 2	21350	2560	0.15	0.501	0.621	64	0.971	63	0.958	65	0.968	64	0.957
FCC/IC	LTE Band 12	10M	QPSK	1	0		Left Tilted	0mm	Ant 1	DSI 2	23095	707.5	0.08	0.387	0.449	104	0.379	103	0.262	105	0.360	104	0.346
FCC/IC	LTE Band 13	10M	QPSK	1	0		Left Tilted	0mm	Ant 1	DSI 2	23230	782	-0.01	0.227	0.248	57	0.262	56	0.001	58	0.179	57	0.259
FCC/IC	LTE Band 14	10M	QPSK	1	0		Left Tilted	0mm	Ant 1	DSI 2	23330	793	0.06	0.305	0.337	36	0.301	35	0.268	37	0.263	36	0.266
FCC/IC	LTE Band 25	20M	QPSK	1	0		Left Tilted	0mm	Ant 3	DSI 2	26590	1905	0.03	1.02	1.284	54	0.934	53	0.868	55	0.9	54	0.908
FCC/IC	LTE Band 25	20M	QPSK	1	0		Left Cheek	0mm	Ant 1	DSI 2	26590	1905	0.03	0.849	1.178	80	1.07	79	0.472	81	0.198	80	1.06
FCC	LTE Band 26	15M	QPSK	1	0		Left Cheek	0mm	Ant 1	DSI 2	26865	831.5	0.01	0.334	0.370	36	0.245	35	0.203	37	0.204	36	0.242
IC	LTE Band 26	15M	QPSK	1	0		Left Cheek	0mm	Ant 1	DSI 2	26915	836.5	-0.12	0.264	0.307	36	0.311	35	0.271	37	0.299	36	0.302
FCC/IC	LTE Band 30	10M	QPSK	25	0		Right Cheek	0mm	Ant 3	DSI 2	27710	2310	0.08	0.325	0.416	101	0.723	100	0.706	102	0.694	101	0.716
FCC/IC	LTE Band 30	10M	QPSK	1	0		Left Cheek	0mm	Ant 1	DSI 2	27710	2310	-0.02	1.140	1.140	36	0.974	35	0.948	37	0.946	36	0.972
FCC/IC	LTE Band 66	20M	QPSK	1	0		Left Tilted	0mm	Ant 3	DSI 2	132572	1770	-0.03	1.11	1.274	88	0.905	87	0.904	89	0.859	88	0.897
FCC/IC	LTE Band 66	20M	QPSK	1	0		Left Cheek	0mm	Ant 1	DSI 2	132322	1745	-0.01	0.820	1.099	60	0.753	59	0.001	61	0.433	60	0.749
FCC/IC	LTE Band 71	20M	QPSK	1	0		Left Cheek	0mm	Ant 1	DSI 2	133297	680.5	0.05	0.202	0.300	24	0.231	23	0.183	25	0.223	24	0.222
FCC	LTE Band 41_HPUE	20M	QPSK	1	0		Left Tilted	0mm	Ant 3	DSI 2	40620	2593	0	0.669	0.978	11	1.12	10	1.04	12	1.02	11	1.08
FCC	LTE Band 41	20M	QPSK	1	0		Left Cheek	0mm	Ant 1	DSI 2	41055	2636.5	0.01	0.865	0.919	63	0.936	62	0.929	64	0.903	63	0.917
FCC	LTE Band 42 (27Q)	20M	QPSK	1	0		Right Tilted	0mm	Ant 1	DSI 2	42590	3500	0.03	0.450	0.500	35	0.321	34	0.313	36	0.272	35	0.310
IC	LTE Band 42	20M	QPSK	1	0		Right Tilted	0mm	Ant 1	DSI 2	42190	3460	0.02	0.232	0.266	35	0.230	34	0.222	36	0.204	35	0.225
IC	LTE Band 43	20M	QPSK	1	0		Right Tilted	0mm	Ant 1	DSI 2	44590	3700	0.03	0.238	0.274	133	0.382	132	0.381	134	0.371	133	0.366
FCC/IC	LTE Band 48	20M	QPSK	1	0		Right Cheek	0mm	Ant 1	DSI 2	55830	3609	0.03	0.315	0.348	35	0.276	34	0.256	36	0.275	35	0.249
FCC/IC	FR1 n7	50M	BPSK	135	68		Left Tilted	0mm	Ant 3	DSI 2	507000	2535	-0.01	0.920	1.276	10	1.010	9	0.334	11	0.927	10	0.975
FCC/IC	FR1 n7	50M	BPSK	1	1		Left Cheek	0mm	Ant 1	DSI 2	507000	2535	0.01	0.722	1.090	127	0.841	126	0.725	128	0.780	127	0.830
FCC/IC	FR1 n12	15M	BPSK	1	1		Left Tilted	0mm	Ant 1	DSI 2	141500	707.5	-0.07	0.116	0.150	24	0.296	22	0.253	23	0.289	24	0.287
FCC/IC	FR1 n13	10M	BPSK	25	14		Left Tilted	0mm	Ant 1	DSI 2	156400	782	-0.02	0.183	0.274	115	0.174	114	0.152	116	0.001	115	0.172
FCC/IC	FR1 n14_HPUE	10M	BPSK	25	14		Left Tilted	0mm	Ant 1	DSI 2	158600	793	-0.02	0.424	0.587	35	0.190	34	0.154	36	0.175	35	0.189
FCC/IC	FR1 n25	40M	BPSK	216	0		Left Tilted	0mm	Ant 3	DSI 2	376500	1882.5	-0.02	0.905	1.267	33	0.948	32	0.689	34	0.593	33	0.947
FCC/IC	FR1 n25	40M	BPSK	108	54		Left Cheek	0mm	Ant 1	DSI 2	376500	1882.5	0.06	0.952	1.270	80	0.902	79	0.513	81	0.166	80	0.899
FCC	FR1 n26_HPUE	20M	BPSK	1	1		Left Cheek	0mm	Ant 1	DSI 2	166300	831.5	0.05	0.534	0.595	36	0.250	35	0.198	37	0.200	36	0.244
IC	FR1 n26_HPUE	20M	BPSK	1	1		Left Tilted	0mm	Ant 1	DSI 2	167300	836.5	0	0.532	0.594	36	0.242	35	0.197	37	0.220	36	0.241
FCC/IC	FR1 n30	10M	BPSK	25	14		Left Tilted	0mm	Ant 3	DSI 2	462000	2310	0.03	0.553	0.680	101	0.446	100	0.230	102	0.436	101	0.436
FCC/IC	FR1 n30	10M	BPSK	25	14		Left Cheek	0mm	Ant 1	DSI 2	462000	2310	-0.02	0.815	1.205	34	0.733	33	0.663	35	0.678	34	0.729
FCC/IC	FR1 n66	45M	BPSK	120	60		Left Tilted	0mm	Ant 3	DSI 2	349000	1745	0.08	0.954	1.121	88	0.755	87	0.712	89	0.244	88	0.746
FCC/IC	FR1 n66	45M	BPSK	120	60		Left Cheek	0mm	Ant 1	DSI 2	349000	1745	-0.02	0.417	0.538	141	0.428	140	0.310	142	0.065	141	0.427
FCC	FR1 n70	15M	BPSK	36	0		Left Tilted	0mm	Ant 3	DSI 2	340500	1702.5	-0.1	0.970	1.150	30	0.813	29	0.726	31	0.559	30	0.808
FCC	FR1 n70	15M	BPSK	1	1		Left Cheek	0mm	Ant 1	DSI 2	340500	1702.5	-0.01	0.620	0.797	123	0.636	122	0.110	124	0.260	123	0.635
FCC/IC	FR1 n71_HPUE	35M	BPSK	1	1		Left Cheek	0mm	Ant 1	DSI 2	136100	680.5	0.09	0.270	0.353	27	0.199	26	0.175	28	0.099	27	0.196
FCC	FR1 n41_HPUE	100M	BPSK	135	69		Left Tilted	0mm	Ant 3	DSI 2	518598	2592.99	0.03	1.120	1.268	10	0.950	9	0.324	11	0.837	10	0.943
FCC	FR1 n41	100M	BPSK	135	69		Left Cheek	0mm	Ant 1	DSI 2	518598	2592.99	0.14	1.000	1.285	55	0.903	54	0.841	56	0.786	55	0.888
FCC/IC	FR1 n48	40M	BPSK	1	1		Left Tilted	0mm	Ant 1	DSI 2	641668	3624.99	-0.14	0.349	0.440	35	0.705	34	0.313	36	0.332	35	0.701
FCC	FR1 n77 (27Q)	100M	BPSK	1	1		Right Tilted	0mm	Ant 1	DSI 2	633332	3499.98	0.05	0.270	0.309	51	0.303	50	0.294	52	0.222	51	0.296
FCC	FR1 n77 (27Q)	100M	BPSK	135	69		Left Tilted	0mm	Ant 1	DSI 2	661334	3920.01	-0.12	0.553	0.616	125	0.508	124	0.417	126	0.476	125	0.499
IC	FR1 n77 (192)	100M	BPSK	1	1		Left Tilted	0mm	Ant 1	DSI 2	645000	3675	0.03	0.436	0.491	128	0.661	127	0.607	129	0.558	128	0.642
IC	FR1 n77 (198)	80M	BPSK	108	55		Left Tilted	0mm	Ant 1	DSI 2	662666	3939.99	-0.14	0.654	0.761	125	0.620	124	0.471	126	0.525	125	0.608



Open

Band	BW	Modulation	RB Size	RB Offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Power Dnrt (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Auto-tune is turned on		Auto-tune turned off		Auto-tune turned off		Auto-tune is turned on	
															State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)	State	Single point 1g SAR (W/kg)
WCDMA V					RMC 12.2Kbps	Back	5mm	Ant 1	DSI 12	4132	826.4	0.01	0.717	0.992	91	0.941	90	0.838	92	0.794	91	0.871
LTE Band 7	20M	QPSK	1	0		Top Side	5mm	Ant 3	DSI 12	21100	2535	-0.02	0.992	1.217	10	1.040	9	0.370	11	0.805	10	0.958
LTE Band 7	20M	QPSK	1	0		Right Side	5mm	Ant 1	DSI 12	21350	2560	-0.04	0.952	1.232	63	0.947	62	0.662	64	0.843	63	0.919
LTE Band 12	10M	QPSK	1	0		Right Side	5mm	Ant 1	DSI 12	23095	707.5	0	0.433	0.503	28	0.727	27	0.565	29	0.451	28	0.623
LTE Band 13	10M	QPSK	1	0		Back	5mm	Ant 0	DSI 12	23230	782	-0.12	0.842	1.175	36	0.766	35	0.674	37	0.634	36	0.703
LTE Band 14	10M	QPSK	50	0		Right Side	5mm	Ant 1	DSI 12	23330	793	-0.11	0.833	1.037	36	0.833	35	0.768	37	0.69	36	0.833
LTE Band 25	20M	QPSK	1	0		Back	5mm	Ant 3	DSI 12	26140	1860	-0.08	0.863	1.256	33	0.921	32	0.527	34	0.682	33	0.916
LTE Band 25	20M	QPSK	1	0		Back	5mm	Ant 1	DSI 12	26140	1860	-0.1	0.936	1.234	18	1.110	17	0.709	19	0.738	18	1.070
LTE Band 26	15M	QPSK	1	0		Back	5mm	Ant 1	DSI 12	26865	831.5	-0.04	1.02	1.131	36	1.05	35	0.217	37	0.297	36	1.01
LTE Band 26	15M	QPSK	1	0		Back	5mm	Ant 1	DSI 12	26915	836.5	-0.07	1.11	1.245	36	0.992	35	0.211	37	0.298	36	0.987
LTE Band 30	10M	QPSK	1	0		Top Side	5mm	Ant 3	DSI 12	27710	2310	0.17	1.130	1.251	11	1.120	10	0.513	12	0.758	11	1.010
LTE Band 30	10M	QPSK	1	0		Right Side	5mm	Ant 1	DSI 12	27710	2310	0.16	1.18	1.241	115	1.04	114	0.988	116	0.439	115	1.03
LTE Band 66	20M	QPSK	1	0		Back	5mm	Ant 3	DSI 12	132572	1770	-0.11	0.825	1.240	77	0.924	76	0.686	78	0.245	77	0.870
LTE Band 66	20M	QPSK	1	0		Back	5mm	Ant 1	DSI 12	132072	1720	-0.17	1.050	1.277	123	1.180	122	0.338	124	0.531	123	1.180
LTE Band 71	20M	QPSK	1	0		Back	5mm	Ant 1	DSI 12	133297	680.5	-0.01	0.549	0.814	26	0.776	25	0.665	27	0.681	26	0.691
LTE Band 41	20M	QPSK	1	0		Top Side	5mm	Ant 3	DSI 12	40620	2593	0.01	0.929	1.209	10	1.680	9	0.478	11	1.100	10	1.500
LTE Band 41	20M	QPSK	1	0		Right Side	5mm	Ant 1	DSI 12	39790	2510	0.03	0.911	1.205	64	1.19	63	1.02	65	0.805	64	1.07
LTE Band 42 (27Q)	20M	QPSK	1	0		Right Side	5mm	Ant 1	DSI 12	42990	3540	-0.07	0.75	1.139	35	1.02	34	0.575	36	0.41	35	0.975
LTE Band 42	20M	QPSK	1	0		Right Side	5mm	Ant 1	DSI 12	43000	3541	-0.08	0.748	1.131	35	0.957	34	0.57	36	0.589	35	0.893
LTE Band 43	20M	QPSK	1	0		Right Side	5mm	Ant 1	DSI 12	43690	3610	-0.06	0.8	1.202	35	0.992	34	0.72	36	0.786	35	0.949
LTE Band 48	20M	QPSK	1	0		Right Side	5mm	Ant 1	DSI 12	55340	3560	-0.12	0.76	0.994	35	1.05	34	0.866	36	0.881	35	0.974
FR1 n7	50M	BPSK	135	68		Top Side	5mm	Ant 3	DSI 12	507000	2535	-0.01	1.04	1.282	10	0.803	9	0.268	11	0.599	10	0.683
FR1 n7	50M	BPSK	1	1		Right Side	5mm	Ant 1	DSI 12	507000	2535	-0.14	1.1	1.286	127	0.836	126	0.757	128	0.829	127	0.814
FR1 n12	15M	BPSK	1	1		Back	5mm	Ant 1	DSI 12	141500	707.5	-0.01	0.473	0.612	24	0.549	23	0.533	25	0.522	24	0.545
FR1 n13	10M	BPSK	25	14		Back	5mm	Ant 1	DSI 12	156400	782	-0.03	0.656	0.981	115	0.69	114	0.638	116	0.078	115	0.679
FR1 n14	10M	BPSK	1	1		Back	5mm	Ant 1	DSI 12	158600	793	0.01	0.704	0.967	35	0.8	34	0.72	36	0.778	35	0.765
FR1 n25	40M	BPSK	108	54		Back	5mm	Ant 3	DSI 12	376500	1882.5	0.09	1.01	1.272	33	0.832	32	0.67	34	0.525	33	0.83
FR1 n25	40M	BPSK	108	54		Back	5mm	Ant 1	DSI 12	376500	1882.5	-0.11	0.749	1.139	80	0.828	79	0.118	81	0.164	80	0.821
FR1 n26	20M	BPSK	50	28		Back	5mm	Ant 1	DSI 12	166300	831.5	0.02	0.775	0.834	36	0.873	35	0.681	37	0.757	36	0.868
FR1 n26	20M	BPSK	1	1		Back	5mm	Ant 1	DSI 12	167300	836.5	-0.07	0.779	0.850	36	0.811	35	0.636	37	0.734	36	0.795
FR1 n30	10M	BPSK	50	0		Top Side	5mm	Ant 3	DSI 12	462000	2310	0.01	0.656	0.841	11	0.975	10	0.64	12	0.881	11	0.94
FR1 n30	10M	BPSK	25	14		Right Side	5mm	Ant 1	DSI 12	462000	2310	0.01	0.976	1.289	34	0.834	33	0.793	35	0.724	34	0.783
FR1 n66	45M	BPSK	120	60		Back	5mm	Ant 3	DSI 12	349000	1745	0.09	1.08	1.286	88	0.998	87	0.561	89	0.162	88	0.946
FR1 n66	45M	BPSK	240	0		Back	5mm	Ant 1	DSI 12	349000	1745	-0.07	0.784	1.225	141	0.614	140	0.548	142	0.113	141	0.571
FR1 n70	15M	BPSK	36	22		Back	5mm	Ant 3	DSI 12	340500	1702.5	0.05	1.01	1.284	30	0.828	29	0.805	31	0.533	30	0.826
FR1 n70	15M	BPSK	1	1		Back	5mm	Ant 1	DSI 12	340500	1702.5	-0.04	0.798	1.172	123	0.784	122	0.168	124	0.404	123	0.77
FR1 n71 HPUE	35M	BPSK	90	45		Back	5mm	Ant 1	DSI 12	136100	680.5	-0.01	0.681	0.893	27	0.522	26	0.517	28	0.413	27	0.468
FR1 n41	100M	BPSK	270	0		Top Side	5mm	Ant 3	DSI 12	518598	2592.99	0.05	0.929	1.286	10	0.683	9	0.219	11	0.461	10	0.613
FR1 n41	100M	BPSK	1	1		Right Side	5mm	Ant 1	DSI 12	518598	2592.99	-0.15	0.84	1.181	55	0.878	54	0.781	26	0.672	55	0.775
FR1 n48	40M	BPSK	1	1		Right Side	5mm	Ant 1	DSI 12	638000	3570	-0.13	0.875	1.271	35	1.110	34	0.855	36	0.937	35	1.060
FR1 n77 (27Q)	100M	BPSK	1	1		Right Side	5mm	Ant 1	DSI 12	633332	3499.98	0.07	0.655	0.796	51	0.786	50	0.681	52	0.32	51	0.777
FR1 n77 (27Q)	100M	BPSK	270	0		Right Side	5mm	Ant 1	DSI 12	661334	3920.01	-0.07	0.671	0.827	125	0.752	124	0.611	126	0.654	125	0.741
FR1 n77 (192)	100M	BPSK	1	1		Right Side	5mm	Ant 1	DSI 12	645000	3675	0.17	0.485	0.587	125	0.535	124	0.513	126	0.531	125	0.505
FR1 n77 (198)	80M	BPSK	1	1		Back	5mm	Ant 1	DSI 12	662666	3939.99	0.05	0.295	0.358	125	0.759	124	0.750	126	0.753	125	0.740

LTE Band 41	20M	QPSK	1	0	Top Side	5mm	Ant 3	40620	1.680	0	1	2	3	4	0.01	0.717	0.992	14	15	16	17	18	19	20
										0.758	0.754	0.734	0.713	0.694	1.04	0.86	0.777	0.695	0.647	0.645	0.613	0.628	0.613	0.506
										21	22	23	24	25	-0.02	0.992	1.217	35	36	37	38	39	40	41
										0.503	0.314	0.251	0.278	0.259	0.367	0.437	0.471	0.517	0.514	0.573	0.572	0.599	0.602	0.63
										42	43	44	45	46	-0.04	0.952	1.232	56	57	58	59	60	61	62
										0.647	0.753	0.695	0.695	0.701	0.558	0.483	0.426	0.572	0.321	0.435	0.417	0.443	0.473	0.545
										63	64	65	66	67	0	0.433	0.503	77	78	79	80	81	82	83
										0.603	0.745	1.02	1.1	0.888	0.08	0.079	0.121	0.179	0.378	0.535	0.477	0.45	0.429	0.427
										84	85	86	87	88	-0.12	0.842	1.175	98	99	100	101	102	103	104
										0.454	0.432	0.411	0.392	0.364	0.646	0.596	0.333	0.307	0.252	0.194	0.911	0.653	0.482	0.415
										105	106	107	108	109	-0.11	0.833	1.037	119						
										0.372	0.346	0.344	0.331	0.315	0.061	0.14	0.197	0.581						



Close

															Antenna is turned on		Antenna is turned off		Antenna is turned off		Antenna is turned off	
Band	BW	Modulation	RB Size	RB Offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	date	Single point 1g SAR	date	Single point 1g SAR	date	Single point 1g SAR	date	Single point 1g SAR
WCDMA V					RMC 12.2Kbps	Back	5mm	Ant 1	DS1 7	4132	826.4	-0.01	0.908	1.257	36	0.910	35	0.632	37	0.749	36	0.854
LTE Band 7	20M	QPSK	1	0		Top Side	5mm	Ant 3	DS1 7	21350	2560	-0.08	1.170	1.262	10	0.945	9	0.373	11	0.721	10	0.902
LTE Band 7	20M	QPSK	1	0		Right Side	5mm	Ant 1	DS1 7	21350	2560	-0.04	0.952	1.260	77	0.867	76	0.799	78	0.757	77	0.774
LTE Band 12	10M	QPSK	1	0		Right Side	5mm	Ant 1	DS1 7	23095	707.5	0.04	0.773	0.897	107	0.627	106	0.538	108	0.569	107	0.597
LTE Band 13	10M	QPSK	25	0		Right Side	5mm	Ant 1	DS1 7	23230	782	-0.02	0.756	0.891	36	0.949	35	0.515	37	0.516	36	0.821
LTE Band 14	10M	QPSK	1	0		Top Side	5mm	Ant 1	DS1 7	23330	793	0.01	0.883	0.975	36	0.837	35	0.653	37	0.654	36	0.776
LTE Band 25	20M	QPSK	1	0		Back	5mm	Ant 3	DS1 7	26140	1860	-0.03	0.918	1.264	33	0.964	32	0.500	34	0.610	33	0.895
LTE Band 25	20M	QPSK	1	0		Back	5mm	Ant 1	DS1 7	26590	1905	-0.09	0.915	1.286	80	1.120	79	0.610	81	0.249	80	1.030
LTE Band 26	15M	QPSK	1	0		Back	5mm	Ant 1	DS1 7	26885	831.5	-0.04	1.150	1.275	90	1.090	89	0.767	91	0.718	90	1.050
LTE Band 26	15M	QPSK	1	0		Back	5mm	Ant 1	DS1 7	26915	836.5	-0.07	1.110	1.289	90	1.130	89	0.795	91	0.654	90	1.120
LTE Band 30	10M	QPSK	1	0		Top Side	5mm	Ant 3	DS1 7	27710	2310	-0.03	1.097	1.277	101	1.14	100	0.706	102	1.11	101	1.01
LTE Band 30	10M	QPSK	1	0		Right Side	5mm	Ant 1	DS1 7	27710	2310	-0.19	1.06	1.277	34	1.16	33	0.835	35	0.692	34	1.11
LTE Band 66	20M	QPSK	1	0		Top Side	5mm	Ant 3	DS1 7	132072	1720	0.01	0.798	1.130	30	1.15	29	0.915	31	0.941	30	1.07
LTE Band 66	20M	QPSK	1	0		Back	5mm	Ant 1	DS1 7	132072	1720	-0.06	0.764	1.148	123	1.03	122	0.284	124	0.464	123	0.935
LTE Band 71	20M	QPSK	1	0		Back	5mm	Ant 1	DS1 7	133297	680.5	0	0.612	0.908	24	0.637	23	0.195	25	0.321	24	0.602
LTE Band 41 HPUE	20M	QPSK	1	0		Top Side	5mm	Ant 3	DS1 7	40620	2593	0.01	1.13	1.263	10	1.11	9	0.376	11	0.732	10	1.07
LTE Band 41	20M	QPSK	1	0		Right Side	5mm	Ant 1	DS1 7	40620	2593	0.15	1.1	1.268	63	1.15	62	1.12	64	1.03	63	1.09
LTE Band 42 (27Q)	20M	QPSK	1	0		Right Side	5mm	Ant 1	DS1 7	42590	3500	0.03	0.62	0.771	35	0.82	34	0.756	36	0.646	35	0.797
LTE Band 42	20M	QPSK	1	0		Right Side	5mm	Ant 1	DS1 7	42190	3460	-0.02	0.529	0.659	35	0.992	34	0.763	36	0.695	35	0.956
LTE Band 43	20M	QPSK	1	0		Right Side	5mm	Ant 1	DS1 7	44590	3700	-0.18	1.07	1.265	133	0.955	132	0.797	134	0.793	133	0.91
LTE Band 48	20M	QPSK	1	0		Right Side	5mm	Ant 1	DS1 7	56640	3690	-0.18	1.11	1.273	133	0.991	132	0.811	134	0.809	133	0.814
FR1 n7	50M	BPSK	135	68		Top Side	5mm	Ant 3	DS1 7	507000	2535	0.05	0.853	1.265	10	0.886	9	0.350	11	0.789	10	0.805
FR1 n7	50M	BPSK	135	68		Right Side	5mm	Ant 1	DS1 7	507000	2535	-0.18	1.010	1.278	127	1.030	126	0.901	128	0.961	127	0.988
FR1 n12	15M	BPSK	36	22		Back	5mm	Ant 1	DS1 7	141500	707.5	0	0.405	0.527	24	0.474	23	0.381	25	0.424	24	0.451
FR1 n13	10M	BPSK	25	14		Back	5mm	Ant 1	DS1 7	158400	782	-0.02	0.608	0.910	115	0.657	114	0.559	116	0.077	115	0.61
FR1 n14 HPUE	10M	BPSK	1	1		Back	5mm	Ant 1	DS1 7	158600	793	0.05	0.847	1.164	35	0.77	34	0.536	36	0.688	35	0.737
FR1 n25	40M	BPSK	108	54		Top Side	5mm	Ant 3	DS1 7	376500	1862.5	0.14	0.918	1.267	33	0.975	32	0.770	34	0.716	33	0.913
FR1 n25	40M	BPSK	108	54		Back	5mm	Ant 1	DS1 7	376500	1862.5	-0.19	0.923	1.277	80	1.080	79	0.139	81	0.215	80	1.050
FR1 n26 HPUE	20M	BPSK	1	1		Back	5mm	Ant 1	DS1 7	166300	831.5	-0.01	0.800	0.900	36	0.760	35	0.543	37	0.616	36	0.724
FR1 n26 HPUE	20M	BPSK	1	1		Back	5mm	Ant 1	DS1 7	167300	836.5	-0.03	0.812	0.928	36	0.741	35	0.497	37	0.596	36	0.716
FR1 n30	10M	BPSK	25	14		Top Side	5mm	Ant 3	DS1 7	462000	2310	0.19	0.761	1.129	101	0.788	100	0.527	102	0.758	101	0.748
FR1 n30	10M	BPSK	25	14		Right Side	5mm	Ant 1	DS1 7	462000	2310	-0.19	0.622	0.901	34	1.070	33	0.715	35	0.596	34	1.030
FR1 n66	45M	BPSK	120	60		Top Side	5mm	Ant 3	DS1 7	349000	1745	0.13	0.994	1.266	88	1.200	87	1.100	89	0.511	88	1.120
FR1 n66	45M	BPSK	120	60		Back	5mm	Ant 1	DS1 7	349000	1745	-0.13	0.978	1.263	141	0.967	140	0.962	142	0.191	141	0.952
FR1 n70	15M	BPSK	36	22		Top Side	5mm	Ant 3	DS1 7	340500	1702.5	0.02	0.862	1.260	30	1.020	29	1.000	31	0.798	30	1.000
FR1 n70	15M	BPSK	36	22		Back	5mm	Ant 1	DS1 7	340500	1702.5	0.19	0.887	1.259	123	1.080	122	0.201	124	0.846	123	1.040
FR1 n71 HPUE	35M	BPSK	90	45		Right Side	5mm	Ant 1	DS1 7	136100	680.5	0.07	0.248	0.325	27	0.440	26	0.256	28	0.282	27	0.431
FR1 n41	100M	BPSK	135	69		Top Side	5mm	Ant 3	DS1 7	518598	2592.99	-0.02	0.947	1.206	10	0.948	9	0.358	11	0.793	10	0.991
FR1 n41	100M	BPSK	135	69		Right Side	5mm	Ant 1	DS1 7	518598	2592.99	-0.11	0.934	1.246	55	0.928	54	0.875	56	0.888	55	0.841
FR1 n48	40M	BPSK	1	1		Right Side	5mm	Ant 1	DS1 7	638000	3570	-0.02	1.040	1.279	35	1.050	34	1.010	36	1.030	35	1.040
FR1 n77 (27Q)	100M	BPSK	135	69		Right Side	5mm	Ant 1	DS1 7	633332	3499.98	-0.05	0.515	0.755	51	0.753	50	0.740	52	0.373	51	0.685
FR1 n77 (27Q) HPUE	100M	BPSK	270	0		Right Side	5mm	Ant 1	DS1 7	601334	3920.01	0.01	0.555	0.834	125	0.818	124	0.816	126	0.853	125	0.815
FR1 n77 (192) HPUE	100M	BPSK	135	69		Right Side	5mm	Ant 1	DS1 7	645000	3675	-0.11	0.279	0.409	51	1.040	50	0.766	52	0.878	51	1.020
FR1 n77 (198) HPUE	80M	BPSK	218	0		Back	5mm	Ant 1	DS1 7	662666	3939.99	-0.12	0.617	0.945	125	0.978	124	0.646	126	0.727	125	0.975
WCDMA V					RMC 12.2Kbps	Back	5mm	Ant 1	DS1 3	4132	826.4	-0.01	0.908	1.257	90	1.09	89	0.807	91	0.45	90	0.987
LTE Band 7	20M	QPSK	1	0		Back	5mm	Ant 3	DS1 3	21100	2535	-0.17	0.95	1.273	10	1.18	9	0.455	11	0.92	10	1.17
LTE Band 7	20M	QPSK	1	0		Back	5mm	Ant 1	DS1 3	21100	2535	0.08	0.495	0.724	64	1.1	63	0.846	65	0.908	64	1.04
LTE Band 12	10M	QPSK	1	0		Back	5mm	Ant 1	DS1 3	23095	707.5	-0.05	0.637	0.740	104	0.615	103	0.499	105	0.693	104	0.601
LTE Band 13	10M	QPSK	1	0		Back	5mm	Ant 1	DS1 3	23230	782	0.01	0.74	0.807	36	1.19	35	0.189	37	0.263	36	1.13
LTE Band 14	10M	QPSK	1	0		Back	5mm	Ant 1	DS1 3	23330	793	0.06	0.765	0.845	36	1.12	35	0.22	37	0.309	36	1.04
LTE Band 25	20M	QPSK	1	0		Back	5mm	Ant 3	DS1 3	26140	1860	-0.03	0.918	1.264	33	0.948	32	0.521	34	0.615	33	0.818
LTE Band 25	20M	QPSK	1	0		Back	5mm	Ant 1	DS1 3	26590	1905	-0.09	0.915	1.286	80	1.08	79	0.567	81	0.236	80	0.942
LTE Band 26	15M	QPSK	1	0		Back	5mm	Ant 1	DS1 3	26865	831.5											

Band	BW	Modulation	RB Size	RB Offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Power DnL (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Zone	Single point 10g SAR (W/kg)	Zone	Single point 10g SAR (W/kg)	Zone	Single point 10g SAR (W/kg)	Zone	Single point 10g SAR (W/kg)
LTE Band 7	20M	QPSK	1	0		Top Side	0mm	Ant 3	DSI 6	21350	2560	-0.04	2.420	3.182	10	2.360	9	1.020	11	2.240	10	2.330
LTE Band 7	20M	QPSK	1	0		Back Right	0mm	Ant 1	DSI 6	20850	2510	0.04	2.300	3.211	73	2.200	72	1.830	74	1.870	73	2.180
LTE Band 25	20M	QPSK	1	0		Back Top	0mm	Ant 3	DSI 6	20590	1905	-0.12	2.520	3.173	54	2.360	53	1.850	55	2.280	54	2.240
LTE Band 25	20M	QPSK	1	0		Right Side	0mm	Ant 1	DSI 6	20590	1905	0.14	2.490	3.177	19	2.580	18	2.100	20	2.180	19	2.480
LTE Band 26	15M	QPSK	1	0		Back Right	0mm	Ant 1	DSI 6	20865	831.5	-0.03	1.05	1.164	68	1.6	67	0.608	69	1.59	68	1.4
LTE Band 26	15M	QPSK	1	0		Back Right	0mm	Ant 1	DSI 6	20915	836.5	0.12	1.05	1.219	68	1.27	67	0.699	69	1.64	68	1.13
LTE Band 30	10M	QPSK	1	0		Back Top	0mm	Ant 3	DSI 6	27710	2310	-0.06	2.730	3.170	101	2.200	100	0.933	102	2.070	101	2.100
LTE Band 30	10M	QPSK	1	0		Back Right	0mm	Ant 1	DSI 6	27710	2310	-0.1	2.830	3.103	35	2.450	34	2.170	36	1.970	35	2.390
LTE Band 66	20M	QPSK	50	0		Back Top	0mm	Ant 3	DSI 6	132322	1745	0.08	2.200	2.411	88	2.530	87	1.700	89	2.200	88	2.520
LTE Band 66	20M	QPSK	1	0		Back Right	0mm	Ant 1	DSI 6	132572	1770	-0.05	1.9	2.403	17	2.42	16	1.92	18	1.94	17	2.36
LTE Band 41	20M	QPSK	1	0		Top Side	0mm	Ant 3	DSI 6	40185	2549.5	0.09	1.74	2.501	10	2.49	9	0.822	11	1.92	10	2.36
LTE Band 41	20M	QPSK	1	0		Back Right	0mm	Ant 1	DSI 6	40185	2549.5	-0.06	2.110	2.957	63	2.600	62	2.390	64	2.310	63	2.460
LTE Band 42 (27Q)	20M	QPSK	50	0		Right Side	0mm	Ant 1	DSI 6	42590	3500	-0.15	1.85	2.094	35	2.52	34	1.640	36	1.87	35	2.34
LTE Band 42	20M	QPSK	1	0		Right Side	0mm	Ant 1	DSI 6	43000	3541	-0.18	2.24	2.598	35	2.42	34	2.400	36	1.69	35	2.37
LTE Band 43	20M	QPSK	1	0		Back Right	0mm	Ant 1	DSI 6	43690	3610	0.03	1.67	1.942	91	1.86	90	1.89	92	1.6	91	1.84
LTE Band 48	20M	QPSK	1	0		Right Side	0mm	Ant 1	DSI 6	55340	3560	-0.03	2.21	2.837	91	2.75	90	2.41	92	2.32	91	2.48
FR1 n7	50M	BPSK	270	0		Top Side	0mm	Ant 3	DSI 6	507000	2535	-0.14	2.81	3.175	10	2.77	9	1.170	11	2.52	10	2.5
FR1 n7	50M	BPSK	135	68		Right Side	0mm	Ant 1	DSI 6	507000	2535	-0.07	2.5	3.113	127	2.64	126	2.58	128	1.38	127	2.6
FR1 n25	40M	BPSK	108	54		Back Top	0mm	Ant 3	DSI 6	376500	1882.5	-0.04	2.71	3.168	33	2.48	32	2.93	34	1.96	33	2.44
FR1 n25	40M	BPSK	108	54		Back	0mm	Ant 1	DSI 6	376500	1882.5	-0.02	2.570	3.169	80	2.730	79	0.288	81	1.200	80	2.680
FR1 n30	10M	BPSK	1	1		Back Top	0mm	Ant 3	DSI 6	462000	2310	-0.17	2.58	3.016	101	2.02	100	1.18	102	1.53	101	1.94
FR1 n30	10M	BPSK	1	1		Back Right	0mm	Ant 1	DSI 6	462000	2310	-0.18	2.18	3.024	34	2.45	33	2.37	35	2.13	34	2.23
FR1 n66	45M	BPSK	120	60		Top Side	0mm	Ant 3	DSI 6	349000	1745	-0.01	2.33	3.022	88	2.35	87	1.8	89	2.25	88	2.32
FR1 n66	45M	BPSK	120	60		Back Right	0mm	Ant 1	DSI 6	349000	1745	-0.07	1.99	2.569	141	2.08	140	1.57	142	0.764	141	2.02
FR1 n70	15M	BPSK	75	0		Top Side	0mm	Ant 3	DSI 6	340500	1702.5	-0.02	1.83	2.789	30	2.09	29	1.87	32	1.82	30	2
FR1 n70	15M	BPSK	1	1		Right Side	0mm	Ant 1	DSI 6	340500	1702.5	-0.05	2.13	3.044	123	2.32	122	1.25	124	1.66	123	2.19
FR1 n41	100M	BPSK	135	69		Top Side	0mm	Ant 3	DSI 6	518598	2592.99	0.01	2.84	3.130	10	2.4	9	1.290	11	2.31	10	2.39
FR1 n41	100M	BPSK	270	0		Back Right	0mm	Ant 1	DSI 6	518598	2592.99	0.14	2.21	2.840	55	2.18	54	1.93	56	1.78	55	1.88
FR1 n48	40M	BPSK	50	28		Back Right	0mm	Ant 1	DSI 6	638000	3570	-0.16	1.880	2.886	35	2.900	34	1.640	36	1.790	35	1.670
FR1 n77 (198) NPUE	100M	BPSK	1	1		Right Side	0mm	Ant 1	DSI 6	633332	3499.98	0.05	1.800	2.945	51	2.200	50	2	52	1.160	51	2.000
FR1 n77 (27Q)	100M	BPSK	1	1		Back Top	0mm	Ant 1	DSI 6	661334	3620.01	-0.11	2.420	3.040	125	2.700	124	2.450	126	2.550	125	2.400
FR1 n77 (192)	100M	BPSK	135	69		Right Side	0mm	Ant 1	DSI 6	645000	3675	-0.12	1.120	1.453	51	2.510	50	1.470	52	1.690	51	2.230
FR1 n77 (198)	80M	BPSK	1	1		Back Top	0mm	Ant 1	DSI 6	662666	3639.99	-0.19	2.430	3.188	125	2.870	124	2.310	126	2.840	125	2.740