



Band	BW	Modulation	RB Size	RB Offset	Test Position	Gsm (mm)	Antenna	Power State	SUT Pop State	Ch.	Freq. (MHz)	Power Setting	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Auto-tune is turned on		Auto-tune turned off		Auto-tune turned off		Auto-tune is turned back 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)
LTE Band 7	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	DSI 2		21100	2535		0.088	0.106			91	0.159	90	0.115	92	0.122	91	0.158
LTE Band 7	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	DSI 2		21100	2535		0.142	0.185			97	0.339	98	0.118	98	0.119	97	0.330
LTE Band 12	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	DSI 2		23095	707.5		0.133	0.166			26	0.090	25	0.087	27	0.073	26	0.088
LTE Band 13	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	DSI 2		23230	782		0.124	0.147			39	0.083	38	0.053	40	0.054	39	0.082
LTE Band 14	10M	QPSK	1	0	Right Cheek	0mm	Ant 0	DSI 2		23330	793		0.125	0.147			51	0.095	50	0.084	52	0.087	51	0.091
LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	DSI 2		26340	1880		0.072	0.094			17	0.073	16	0.001	18	0.055	17	0.072
LTE Band 25	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	DSI 2		26340	1880		0.005	0.006			115	0.003	114	0.001	116	0.001	115	0.001
LTE Band 26	15M	QPSK	1	0	Right Cheek	0mm	Ant 0	DSI 2		28805	831.5		0.152	0.194			45	0.131	44	0.001	46	0.083	45	0.125
LTE Band 26	15M	QPSK	1	0	Right Cheek	0mm	Ant 0	DSI 2		28915	838.5		0.153	0.195			71	0.123	70	0.001	72	0.079	71	0.121
LTE Band 66	20M	QPSK	1	0	Right Cheek	0mm	Ant 2	DSI 2		132322	1745		0.087	0.085			16	0.070	15	0.045	17	0.001	16	0.069
LTE Band 66	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	DSI 2		132322	1745		0.000	0.011			87	0.007	86	0.004	88	0.001	87	0.001
LTE Band 71	20M	QPSK	1	0	Right Cheek	0mm	Ant 0	DSI 2		132307	680.5		0.118	0.139			10	0.080	9	0.001	11	0.054	10	0.075
LTE Band 41_HPLUE	20M	QPSK	1	0	Left Cheek	0mm	Ant 2	DSI 2		40620	2593		0.083	0.101			138	0.174	137	0.150	139	0.167	138	0.148
FR1 r7	50M	BPSK	135	68	Right Cheek	0mm	Ant 2	DSI 2		807000	2535	230	0.068	0.085			30	0.125	29	0.123	31	0.117	30	0.106
FR1 r7	50M	BPSK	135	68	Right Cheek	0mm	Ant 0	DSI 2		807000	2535	230	0.108	0.148			85	0.274	84	0.097	86	0.103	85	0.262
FR1 r12	15M	BPSK	1	1	Right Cheek	0mm	Ant 0	DSI 2		141500	707.5	230	0.101	0.118			23	0.072	22	0.043	24	0.049	23	0.071
FR1 r13	10M	BPSK	1	1	Right Cheek	0mm	Ant 0	DSI 2		156400	782	230	0.094	0.105			36	0.069	35	0.058	37	0.059	36	0.065
FR1 r14	10M	BPSK	1	1	Right Cheek	0mm	Ant 0	DSI 2		158600	783	230	0.102	0.115			36	0.077	35	0.081	37	0.083	36	0.074
FR1 r20	40M	BPSK	1	1	Right Cheek	0mm	Ant 2	DSI 2		378000	1882.5	230	0.040	0.06			17	0.019	16	0.001	18	0.001	17	0.001
FR1 r26	20M	BPSK	50	28	Right Cheek	0mm	Ant 0	DSI 2		160300	831.5	230	0.118	0.139			45	0.106	44	0.001	46	0.066	45	0.103
FR1 r26	20M	BPSK	1	1	Right Cheek	0mm	Ant 0	DSI 2		167300	836.5	230	0.104	0.12			77	0.095	76	0.001	78	0.071	77	0.093
FR1 r26	40M	BPSK	1	1	Left Cheek	0mm	Ant 2	DSI 2		349000	1745	230	0.050	0.063			16	0.091	15	0.075	17	0.001	16	0.085
FR1 r71	35M	BPSK	90	45	Right Cheek	0mm	Ant 0	DSI 2		156105	690.5	230	0.096	0.11			8	0.058	7	0.001	9	0.033	8	0.049
FR1 r41_HPLUE	100M	BPSK	1	1	Left Cheek	0mm	Ant 2	DSI 2		518898	2592.99	260	0.086	0.1			30	0.153	29	0.076	31	0.078	30	0.148
FR1 r38r41_JPLUE	100M	BPSK	1	1	Right Cheek	0mm	Ant 0	DSI 2		518898	2592.99	260	0.158	0.21			85	0.183	84	0.185	86	0.142	85	0.181



	BW	Modulation	RB Size	RB Offset	Test Position	Gap (ms)	Antenna	Power State	SUT Pop State	Ch.	Freq. (MHz)	Power (mW)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Auto-tune is turned on		Auto-tune turned off		Auto-tune turned off		Auto-tune is turned back 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)
LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 2	DSI 7	Close	21100	2535	0.996	1.162				115	1.190	11	1.180	116	1.080	115	1.080
LTE Band 7	20M	QPSK	1	0	Right Side	5mm	Ant 0	DSI 7	Close	21360	2560	0.970	1.336				98	0.658	97	0.120	99	0.118	98	0.651
LTE Band 12	10M	QPSK	1	0	Right Side	5mm	Ant 0	DSI 7	Close	23265	707.5	0.934	1.165				26	0.671	25	0.611	27	0.586	26	0.621
LTE Band 13	10M	QPSK	25	0	Right Side	5mm	Ant 0	DSI 7	Close	23230	782	0.750	0.887				16	0.680	15	0.000	17	0.456	16	0.610
LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 0	DSI 7	Close	23330	793	0.877	1.033				35	0.688	34	0.572	36	0.565	35	0.611
LTE Band 25	20M	QPSK	1	0	Bottom Side	5mm	Ant 2	DSI 7	Close	26140	1880	1.080	1.417				17	0.956	16	0.653	18	0.909	17	0.953
LTE Band 25	20M	QPSK	1	0	Right Side	5mm	Ant 0	DSI 7	Close	26140	1880	1.000	1.363				133	0.987	132	1.080	134	0.468	133	0.927
LTE Band 26	15M	QPSK	1	0	Back	5mm	Ant 0	DSI 7	Close	26865	831.5	0.973	1.244				58	0.861	57	0.559	59	0.355	58	0.799
LTE Band 26	15M	QPSK	1	0	Back	5mm	Ant 0	DSI 7	Close	26915	836.5	0.974	1.241				45	0.812	44	0.083	46	0.650	58	0.782
LTE Band 66	20M	QPSK	1	0	Bottom Side	5mm	Ant 2	DSI 7	Close	132322	1745	1.040	1.361				108	0.928	105	0.122	107	0.074	125	0.886
LTE Band 66	20M	QPSK	1	0	Right Side	5mm	Ant 0	DSI 7	Close	132072	1720	1.010	1.266				83	0.834	82	0.652	84	0.767	83	0.771
LTE Band 71	20M	QPSK	1	0	Right Side	5mm	Ant 0	DSI 7	Close	133297	680.5	0.909	1.068				1	0.784	0	0.451	2	0.549	1	0.761
LTE Band 41	20M	QPSK	1	0	Bottom Side	5mm	Ant 2	DSI 7	Close	40185	2549.5	1.080	1.292				138	1.010	137	1.000	139	0.988	138	0.865
LTE Band 41, HPLTE	20M	QPSK	1	0	Right Side	5mm	Ant 0	DSI 7	Close	40185	2549.5	1.090	1.387				85	0.619	84	0.138	86	0.146	85	0.528
FR1 n7	50M	BPSK	1	1	Back	5mm	Ant 2	DSI 7	Close	507000	2535	190	1.050	1.325			30	0.736	29	0.701	31	0.731	30	0.735
FR1 n7	50M	BPSK	135	68	Right Side	5mm	Ant 0	DSI 7	Close	507000	2535	215	1.030	1.406			85	1.020	84	0.142	86	0.165	85	1.010
FR1 n12	15M	BPSK	36	22	Right Side	5mm	Ant 0	DSI 7	Close	141500	707.5	230	0.755	0.895			23	0.639	22	0.584	24	0.583	23	0.634
FR1 n13	10M	BPSK	25	14	Right Side	5mm	Ant 0	DSI 7	Close	156400	782	230	0.411	0.463			36	0.591	35	0.560	37	0.517	36	0.532
FR1 n14	10M	BPSK	25	14	Back	5mm	Ant 0	DSI 7	Close	158600	793	230	0.677	0.768			36	0.544	35	0.495	37	0.483	36	0.543
FR1 n25	40M	BPSK	1	1	Bottom Side	5mm	Ant 2	DSI 7	Close	376500	1882.5	190	1.000	1.324			17	0.886	16	0.597	18	0.809	17	0.874
FR1 n26	20M	BPSK	1	1	Back	5mm	Ant 0	DSI 7	Close	160300	831.5	230	0.759	0.887			45	0.598	44	0.086	46	0.536	45	0.573
FR1 n26	20M	BPSK	1	1	Back	5mm	Ant 0	DSI 7	Close	167300	836.5	230	0.768	0.884			45	0.571	44	0.074	46	0.503	45	0.564
FR1 n66	45M	BPSK	1	1	Bottom Side	5mm	Ant 2	DSI 7	Close	349000	1745	190	0.973	1.24			16	0.866	15	0.776	17	0.391	16	0.820
FR1 n71	35M	BPSK	90	45	Right Side	5mm	Ant 0	DSI 7	Close	136100	680.5	230	0.682	0.762			8	0.688	7	0.434	9	0.437	8	0.632
FR1 n81	100M	BPSK	1	1	Back	5mm	Ant 2	DSI 7	Close	518998	2592.99	185	0.960	1.143			30	1.170	29	1.120	31	1.110	30	0.833
FR1 n81	100M	BPSK	1	1	Bottom Side	5mm	Ant 0	DSI 7	Close	518998	2592.99	215	0.931	1.213			85	0.905	84	0.470	86	0.520	85	0.775
LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 2	DSI 3	Close	21100	2535	0.996	1.162				115	1.270	114	1.110	116	1.140	115	1.190
LTE Band 7	20M	QPSK	1	0	Back	5mm	Ant 0	DSI 3	Close	21100	2535	0.914	1.191				95	0.714	94	0.652	96	0.663	95	0.653
LTE Band 12	10M	QPSK	1	0	Back	5mm	Ant 0	DSI 3	Close	23265	707.5	0.759	0.946				27	0.734	26	0.699	28	0.660	27	0.597
LTE Band 13	10M	QPSK	25	0	Back	5mm	Ant 0	DSI 3	Close	23230	782	0.681	0.806				37	0.608	36	0.115	38	0.536	37	0.566
LTE Band 14	10M	QPSK	1	0	Back	5mm	Ant 0	DSI 3	Close	23330	793	0.877	1.033				35	0.654	34	0.650	36	0.643	35	0.606
LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 2	DSI 3	Close	26140	1880	1.020	1.329				17	1.000	16	0.970	18	0.973	17	0.962
LTE Band 25	20M	QPSK	1	0	Back	5mm	Ant 0	DSI 3	Close	26140	1880	1.080	1.376				112	0.927	111	0.917	113	0.906	112	0.886
LTE Band 26	15M	QPSK	1	0	Back	5mm	Ant 0	DSI 3	Close	26865	831.5	0.973	1.244				45	0.936	44	0.114	46	0.744	45	0.757
LTE Band 26	15M	QPSK	1	0	Back	5mm	Ant 0	DSI 3	Close	26915	836.5	0.974	1.241				45	0.862	44	0.098	46	0.733	45	0.816
LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 2	DSI 3	Close	132322	1745	0.996	1.276				16	0.921	15	0.918	17	0.913	16	0.918
LTE Band 66	20M	QPSK	1	0	Back	5mm	Ant 0	DSI 3	Close	132072	1720	1.070	1.367				87	0.795	86	0.756	88	0.757	87	0.731
LTE Band 71	20M	QPSK	1	0	Back	5mm	Ant 0	DSI 3	Close	133297	680.5	0.632	0.743				10	0.594	9	0.092	11	0.566	10	0.547
LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 2	DSI 3	Close	40620	2593	0.989	1.153				138	0.967	137	0.952	139	0.942	138	0.934
LTE Band 41	20M	QPSK	1	0	Back	5mm	Ant 0	DSI 3	Close	40620	2593	0.989	1.153				77	0.684	76	0.536	78	0.487	77	0.676
FR1 n7	50M	BPSK	1	1	Back	5mm	Ant 2	DSI 3	Close	507000	2535	190	1.050	1.325			30	0.936	29	0.901	31	0.831	30	0.935
FR1 n7	50M	BPSK	1	1	Back	5mm	Ant 0	DSI 3	Close	507000	2535	230	0.877	1.202			85	0.843	84	0.609	86	0.669	85	0.757
FR1 n12	15M	BPSK	36	22	Back	5mm	Ant 0	DSI 3	Close	141500	707.5	230	0.507	0.601			23	0.458	22	0.379	24	0.404	23	0.452
FR1 n13	10M	BPSK	1	1	Back	5mm	Ant 0	DSI 3	Close	156400	782	230	0.629	0.703			36	0.551	35	0.514	37	0.492	36	0.488
FR1 n14	10M	BPSK	25	14	Back	5mm	Ant 0	DSI 3	Close	158600	793	230	0.677	0.768			36	0.544	35	0.495	37	0.483	36	0.543
FR1 n25	40M	BPSK	1	1	Back	5mm	Ant 2	DSI 3	Close	376500	1882.5	190	0.917	1.214			17	0.739	16	0.577	18	0.719	17	0.730
FR1 n26	20M	BPSK	1	1	Back	5mm	Ant 0	DSI 3	Close	160300	831.5	230	0.759	0.887			45	0.598	44	0.088	46	0.536	45	0.573
FR1 n26	20M	BPSK	1	1	Back	5mm	Ant 0	DSI 3	Close	167300	836.5	230	0.768	0.884			45	0.571	44	0.074	46	0.503	45	0.564
FR1 n66	45M	BPSK	1	1	Back	5mm	Ant 2	DSI 3	Close	349000	1745	190	0.928	1.171			16	0.870	15	0.786	17	0.384	16	0.802
FR1 n71	35M	BPSK	90	45	Back	5mm	Ant 0	DSI 3	Close	136100	680.5	230	0.460	0.527			8	0.437	7	0.408	9	0.432	8	0.369
FR1 n81	100M	BPSK	1	1	Back	5mm	Ant 2	DSI 3	Close	518998	2592.99													



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																	State	Single point 10g SAR (W/kg)	State	Single point 10g SAR (W/kg)	State	Single point 10g SAR (W/kg)	State	Single point 10g SAR (W/kg)
LTE Band 7	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	21100	2535				2.395	2.796	115	2.050	114	1.900	116	1.200	115	1.900
LTE Band 7	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	21100	2535				2.220	2.893	97	1.620	96	1.130	98	1.100	97	1.590
LTE Band 25	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	28140	1860				2.590	3.3	17	2.250	16	1.330	18	1.700	17	2.220
LTE Band 25	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	28340	1890				2.990	3.263	115	1.780	114	1.220	116	1.180	115	1.590
LTE Band 66	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	152072	1720				2.550	3.3	16	2.050	15	1.520	17	0.704	16	2.000
LTE Band 66	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	152072	1770				2.215	2.894	77	1.550	76	0.952	78	1.160	77	1.390
LTE Band 41	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	40185	2540.5				2.590	3.197	114	2.200	113	1.690	115	1.760	114	2.240
LTE Band 41	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	40185	2540.5				2.590	3.197	85	0.936	84	0.853	86	0.927	85	0.885
FR1 n7	50M	BPSK	136	68	Back	0mm	Ant 2	DSI 6	Close	507000	2535	210			2.425	3.025	30	2.360	29	2.270	31	2.140	30	2.320
FR1 n7	50M	BPSK	1	1	Back	0mm	Ant 0	DSI 6	Close	507000	2535	230			1.980	2.715	85	1.570	84	1.420	86	1.530	85	1.520
FR1 n25	40M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	376500	1882.5	215			2.330	3.092	17	1.910	16	1.130	18	1.490	17	1.870
FR1 n66	40M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	349000	1745	220			2.400	3.062	16	2.240	15	1.620	17	0.846	16	2.190
FR1 n41	100M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	518598	2692.59	205			2.410	2.931	30	2.210	29	1.800	31	1.740	30	2.160