



LTE Band 26 / 1.4MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.61	0.2296	21.56	0.1432
Middle		3	1	23.55	0.2265	21.50	0.1413
Highest		3	1	23.66	0.2323	21.61	0.1449
Lowest	16QAM	1	3	22.95	0.1972	20.90	0.1230
Middle		1	3	22.92	0.1959	20.87	0.1222
Highest		1	3	22.99	0.1991	20.94	0.1242
Lowest	64QAM	1	3	21.88	0.1542	19.83	0.0962
Middle		1	3	21.85	0.1531	19.80	0.0955
Highest		1	3	21.89	0.1545	19.84	0.0964
Lowest	256QAM	1	3	18.68	0.0738	16.63	0.0460
Middle		1	3	18.77	0.0753	16.72	0.0470
Highest		1	3	18.98	0.0791	16.93	0.0493
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	23.49	0.2234	21.44	0.1393
Middle		1	8	23.61	0.2296	21.56	0.1432
Highest		1	8	23.80	0.2399	21.75	0.1496
Lowest	16QAM	1	0	22.93	0.1963	20.88	0.1225
Middle		1	0	22.91	0.1954	20.86	0.1219
Highest		1	0	22.93	0.1963	20.88	0.1225
Lowest	64QAM	1	8	21.82	0.1521	19.77	0.0948
Middle		1	8	21.89	0.1545	19.84	0.0964
Highest		1	8	21.98	0.1578	19.93	0.0984
Lowest	256QAM	1	8	18.67	0.0736	16.62	0.0459
Middle		1	8	18.77	0.0753	16.72	0.0470
Highest		1	8	18.96	0.0787	16.91	0.0491
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 5MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.56	0.2270	21.51	0.1416
Middle		1	12	23.59	0.2286	21.54	0.1426
Highest		1	12	23.72	0.2355	21.67	0.1469
Lowest	16QAM	1	0	23.00	0.1995	20.95	0.1245
Middle		1	0	22.87	0.1936	20.82	0.1208
Highest		1	0	22.95	0.1972	20.90	0.1230
Lowest	64QAM	1	12	21.82	0.1521	19.77	0.0948
Middle		1	12	21.92	0.1556	19.87	0.0971
Highest		1	12	21.95	0.1567	19.90	0.0977
Lowest	256QAM	1	12	18.71	0.0743	16.66	0.0463
Middle		1	12	18.79	0.0757	16.74	0.0472
Highest		1	12	18.95	0.0785	16.90	0.0490
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 10MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	23.62	0.2301	21.57	0.1435
Middle		1	25	23.62	0.2301	21.57	0.1435
Highest		1	25	23.79	0.2393	21.74	0.1493
Lowest	16QAM	1	0	22.95	0.1972	20.90	0.1230
Middle		1	0	22.83	0.1919	20.78	0.1197
Highest		1	0	23.00	0.1995	20.95	0.1245
Lowest	64QAM	1	49	21.97	0.1574	19.92	0.0982
Middle		1	49	22.00	0.1585	19.95	0.0989
Highest		1	49	21.89	0.1545	19.84	0.0964
Lowest	256QAM	1	25	18.69	0.0740	16.64	0.0461
Middle		1	25	18.71	0.0743	16.66	0.0463
Highest		1	25	18.94	0.0783	16.89	0.0489
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = 0.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.68	0.2333	21.63	0.1455
Middle		1	0	23.62	0.2301	21.57	0.1435
Highest		1	0	23.81	0.2404	21.76	0.1500
Lowest	16QAM	1	0	23.00	0.1995	20.95	0.1245
Middle		1	0	22.96	0.1977	20.91	0.1233
Highest		1	0	22.99	0.1991	20.94	0.1242
Lowest	64QAM	1	37	21.85	0.1531	19.80	0.0955
Middle		1	37	21.94	0.1563	19.89	0.0975
Highest		1	37	21.99	0.1581	19.94	0.0986
Lowest	256QAM	1	37	18.71	0.0743	16.66	0.0463
Middle		1	37	18.80	0.0759	16.75	0.0473
Highest		1	37	18.98	0.0791	16.93	0.0493
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = 2.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.72	0.2355	26.02	0.3999
Middle		1	12	23.67	0.2328	25.97	0.3954
Highest		1	12	23.73	0.2360	26.03	0.4009
Lowest	16QAM	1	24	22.76	0.1888	25.06	0.3206
Middle		1	24	22.81	0.1910	25.11	0.3243
Highest		1	24	22.83	0.1919	25.13	0.3258
Lowest	64QAM	1	24	21.47	0.1403	23.77	0.2382
Middle		1	24	21.60	0.1445	23.90	0.2455
Highest		1	24	21.56	0.1432	23.86	0.2432
Lowest	256QAM	1	12	19.30	0.0851	21.60	0.1445
Middle		1	12	18.78	0.0755	21.08	0.1282
Highest		1	12	18.82	0.0762	21.12	0.1294
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = 2.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.71	0.2350	26.01	0.3990
Middle		1	25	23.65	0.2317	25.95	0.3936
Highest		1	25	23.74	0.2366	26.04	0.4018
Lowest	16QAM	1	49	22.77	0.1892	25.07	0.3214
Middle		1	49	22.84	0.1923	25.14	0.3266
Highest		1	49	22.85	0.1928	25.15	0.3273
Lowest	64QAM	1	49	21.54	0.1426	23.84	0.2421
Middle		1	49	21.53	0.1422	23.83	0.2415
Highest		1	49	21.59	0.1442	23.89	0.2449
Lowest	256QAM	1	25	19.30	0.0851	21.60	0.1445
Middle		1	25	18.74	0.0748	21.04	0.1271
Highest		1	25	18.82	0.0762	21.12	0.1294
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 15MHz (Peak) (GT - LC = 2.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	23.63	0.2307	25.93	0.3917
Middle		1	74	23.74	0.2366	26.04	0.4018
Highest		1	74	23.74	0.2366	26.04	0.4018
Lowest	16QAM	1	0	22.84	0.1923	25.14	0.3266
Middle		1	0	22.75	0.1884	25.05	0.3199
Highest		1	0	22.74	0.1879	25.04	0.3192
Lowest	64QAM	1	74	21.52	0.1419	23.82	0.2410
Middle		1	74	21.57	0.1435	23.87	0.2438
Highest		1	74	21.66	0.1466	23.96	0.2489
Lowest	256QAM	1	37	19.35	0.0861	21.65	0.1462
Middle		1	37	18.70	0.0741	21.00	0.1259
Highest		1	37	18.81	0.0760	21.11	0.1291
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 20MHz (Peak) (GT - LC = 2.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.76	0.2377	26.06	0.4036
Middle		1	0	23.66	0.2323	25.96	0.3945
Highest		1	0	23.64	0.2312	25.94	0.3926
Lowest	16QAM	1	99	22.81	0.1910	25.11	0.3243
Middle		1	99	22.85	0.1928	25.15	0.3273
Highest		1	99	22.87	0.1936	25.17	0.3289
Lowest	64QAM	1	99	21.56	0.1432	23.86	0.2432
Middle		1	99	21.63	0.1455	23.93	0.2472
Highest		1	99	21.66	0.1466	23.96	0.2489
Lowest	256QAM	1	49	19.36	0.0863	21.66	0.1466
Middle		1	49	18.78	0.0755	21.08	0.1282
Highest		1	49	18.85	0.0767	21.15	0.1303
Limit	EIRP < 2W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.83	0.2415	27.13	0.5164
Middle		1	0	23.58	0.2280	26.88	0.4875
Highest		1	0	23.45	0.2213	26.75	0.4732
Lowest	16QAM	3	0	22.96	0.1977	26.26	0.4227
Middle		3	0	22.68	0.1854	25.98	0.3963
Highest		3	0	22.60	0.1820	25.90	0.3890
Lowest	64QAM	3	0	21.84	0.1528	25.14	0.3266
Middle		3	0	21.62	0.1452	24.92	0.3105
Highest		3	0	21.51	0.1416	24.81	0.3027
Lowest	256QAM	3	3	18.91	0.0778	22.21	0.1663
Middle		3	3	18.24	0.0667	21.54	0.1426
Highest		3	3	18.42	0.0695	21.72	0.1486
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.85	0.2427	27.15	0.5188
Middle		1	0	23.54	0.2259	26.84	0.4831
Highest		1	0	23.44	0.2208	26.74	0.4721
Lowest	16QAM	1	0	22.89	0.1945	26.19	0.4159
Middle		1	0	22.62	0.1828	25.92	0.3908
Highest		1	0	22.59	0.1816	25.89	0.3882
Lowest	64QAM	1	0	21.90	0.1549	25.20	0.3311
Middle		1	0	21.61	0.1449	24.91	0.3097
Highest		1	0	21.52	0.1419	24.82	0.3034
Lowest	256QAM	1	0	18.87	0.0771	22.17	0.1648
Middle		1	0	18.65	0.0733	21.95	0.1567
Highest		1	0	18.74	0.0748	22.04	0.1600
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 5MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.85	0.2427	27.15	0.5188
Middle		1	0	23.58	0.2280	26.88	0.4875
Highest		1	0	23.49	0.2234	26.79	0.4775
Lowest	16QAM	1	0	22.94	0.1968	26.24	0.4207
Middle		1	0	22.66	0.1845	25.96	0.3945
Highest		1	0	22.66	0.1845	25.96	0.3945
Lowest	64QAM	1	0	21.87	0.1538	25.17	0.3289
Middle		1	0	21.55	0.1429	24.85	0.3055
Highest		1	0	21.49	0.1409	24.79	0.3013
Lowest	256QAM	1	0	18.90	0.0776	22.20	0.1660
Middle		1	0	18.68	0.0738	21.98	0.1578
Highest		1	0	18.70	0.0741	22.00	0.1585
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 10MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.81	0.2404	27.11	0.5140
Middle		1	0	23.54	0.2259	26.84	0.4831
Highest		1	0	23.43	0.2203	26.73	0.4710
Lowest	16QAM	1	0	22.97	0.1982	26.27	0.4236
Middle		1	0	22.68	0.1854	25.98	0.3963
Highest		1	0	22.61	0.1824	25.91	0.3899
Lowest	64QAM	1	0	21.90	0.1549	25.20	0.3311
Middle		1	0	21.54	0.1426	24.84	0.3048
Highest		1	0	21.53	0.1422	24.83	0.3041
Lowest	256QAM	1	0	18.88	0.0773	22.18	0.1652
Middle		1	0	18.68	0.0738	21.98	0.1578
Highest		1	0	18.71	0.0743	22.01	0.1589
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 15MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.81	0.2404	27.11	0.5140
Middle		1	0	23.55	0.2265	26.85	0.4842
Highest		1	0	23.50	0.2239	26.80	0.4786
Lowest	16QAM	1	0	22.97	0.1982	26.27	0.4236
Middle		1	0	22.69	0.1858	25.99	0.3972
Highest		1	0	22.63	0.1832	25.93	0.3917
Lowest	64QAM	1	0	21.84	0.1528	25.14	0.3266
Middle		1	0	21.57	0.1435	24.87	0.3069
Highest		1	0	21.48	0.1406	24.78	0.3006
Lowest	256QAM	1	0	18.91	0.0778	22.21	0.1663
Middle		1	0	18.72	0.0745	22.02	0.1592
Highest		1	0	18.67	0.0736	21.97	0.1574
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.86	0.2432	27.16	0.5200
Middle		1	0	23.58	0.2280	26.88	0.4875
Highest		1	0	23.53	0.2254	26.83	0.4819
Lowest	16QAM	1	0	22.99	0.1991	26.29	0.4256
Middle		1	0	22.71	0.1866	26.01	0.3990
Highest		1	0	22.68	0.1854	25.98	0.3963
Lowest	64QAM	1	0	21.94	0.1563	25.24	0.3342
Middle		1	0	21.63	0.1455	24.93	0.3112
Highest		1	0	21.57	0.1435	24.87	0.3069
Lowest	256QAM	1	0	18.95	0.0785	22.25	0.1679
Middle		1	0	18.75	0.0750	22.05	0.1603
Highest		1	0	18.74	0.0748	22.04	0.1600
Limit	EIRP < 1W			Result		PASS	



LTE Band 71 / 5MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	23.77	0.2382	21.62	0.1452
Middle		1	24	23.88	0.2443	21.73	0.1489
Highest		1	24	23.78	0.2388	21.63	0.1455
Lowest	16QAM	1	12	22.79	0.1901	20.64	0.1159
Middle		1	12	22.79	0.1901	20.64	0.1159
Highest		1	12	22.88	0.1941	20.73	0.1183
Lowest	64QAM	1	24	21.77	0.1503	19.62	0.0916
Middle		1	24	21.78	0.1507	19.63	0.0918
Highest		1	24	21.67	0.1469	19.52	0.0895
Lowest	256QAM	25	0	20.64	0.1159	18.49	0.0706
Middle		25	0	21.51	0.1416	19.36	0.0863
Highest		25	0	21.57	0.1435	19.42	0.0875
Limit	ERP < 3W			Result		PASS	

LTE Band 71 / 10MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.88	0.2443	21.73	0.1489
Middle		1	0	23.74	0.2366	21.59	0.1442
Highest		1	0	23.67	0.2328	21.52	0.1419
Lowest	16QAM	1	25	22.83	0.1919	20.68	0.1169
Middle		1	25	22.78	0.1897	20.63	0.1156
Highest		1	25	22.91	0.1954	20.76	0.1191
Lowest	64QAM	1	49	21.75	0.1496	19.60	0.0912
Middle		1	49	21.84	0.1528	19.69	0.0931
Highest		1	49	21.74	0.1493	19.59	0.0910
Lowest	256QAM	1	0	19.16	0.0824	17.01	0.0502
Middle		1	0	18.95	0.0785	16.80	0.0479
Highest		1	0	18.98	0.0791	16.83	0.0482
Limit	ERP < 3W			Result		PASS	



LTE Band 71 / 15MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.87	0.2438	21.72	0.1486
Middle		1	0	23.71	0.2350	21.56	0.1432
Highest		1	0	23.75	0.2371	21.60	0.1445
Lowest	16QAM	1	0	22.91	0.1954	20.76	0.1191
Middle		1	0	22.75	0.1884	20.60	0.1148
Highest		1	0	22.73	0.1875	20.58	0.1143
Lowest	64QAM	1	74	21.76	0.1500	19.61	0.0914
Middle		1	74	21.85	0.1531	19.70	0.0933
Highest		1	74	21.66	0.1466	19.51	0.0893
Lowest	256QAM	1	0	19.11	0.0815	16.96	0.0497
Middle		1	0	18.86	0.0769	16.71	0.0469
Highest		1	0	19.00	0.0794	16.85	0.0484
Limit	ERP < 3W			Result		PASS	

LTE Band 71 / 20MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	EIRP(dBm)	EIRP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.92	0.2466	21.77	0.1503
Middle		1	0	23.74	0.2366	21.59	0.1442
Highest		1	0	23.76	0.2377	21.61	0.1449
Lowest	16QAM	1	0	22.93	0.1963	20.78	0.1197
Middle		1	0	22.83	0.1919	20.68	0.1169
Highest		1	0	22.78	0.1897	20.63	0.1156
Lowest	64QAM	1	99	21.78	0.1507	19.63	0.0918
Middle		1	99	21.85	0.1531	19.70	0.0933
Highest		1	99	21.74	0.1493	19.59	0.0910
Lowest	256QAM	1	0	19.19	0.0830	17.04	0.0506
Middle		1	0	18.95	0.0785	16.80	0.0479
Highest		1	0	19.00	0.0794	16.85	0.0484
Limit	ERP < 3W			Result		PASS	



Radiated Spurious Emission

LTE Band 26

LTE Band 26 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1651	-62.39	-13	-49.39	-70.81	-67.99	0.92	8.67	H
	2477	-59.04	-13	-46.04	-72.52	-66.41	1.14	10.67	H
	3302	-57.71	-13	-44.71	-73.02	-66.26	1.32	12.02	H
	1651	-62.01	-13	-49.01	-69.89	-67.61	0.92	8.67	V
	2477	-58.90	-13	-45.90	-72.54	-66.27	1.14	10.67	V
	3302	-56.68	-13	-43.68	-72.46	-65.23	1.32	12.02	V
Middle	1673	-61.78	-13	-48.78	-70.27	-67.46	0.93	8.76	H
	2510	-59.21	-13	-46.21	-72.72	-66.62	1.15	10.71	H
	3346	-57.14	-13	-44.14	-72.35	-65.79	1.33	12.13	H
	1673	-61.61	-13	-48.61	-69.47	-67.29	0.93	8.76	V
	2510	-58.97	-13	-45.97	-72.68	-66.38	1.15	10.71	V
	3346	-56.91	-13	-43.91	-72.57	-65.56	1.33	12.13	V
Highest	1695	-62.46	-13	-49.46	-71.02	-68.21	0.94	8.84	H
	2543	-59.53	-13	-46.53	-73.04	-66.97	1.16	10.75	H
	3390	-58.04	-13	-45.04	-73.16	-66.79	1.34	12.24	H
	1695	-62.77	-13	-49.77	-70.62	-68.52	0.94	8.84	V
	2543	-59.17	-13	-46.17	-72.79	-66.61	1.16	10.75	V
	3390	-57.37	-13	-44.37	-72.93	-66.12	1.34	12.24	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1656	-63.03	-13	-50.03	-71.48	-68.65	0.92	8.69	H
	2480	-59.18	-13	-46.18	-72.67	-66.56	1.15	10.67	H
	3312	-57.68	-13	-44.68	-72.98	-66.25	1.33	12.05	H
	1656	-63.81	-13	-50.81	-71.69	-69.43	0.92	8.69	V
	2480	-58.85	-13	-45.85	-72.51	-66.23	1.15	10.67	V
	3312	-57.28	-13	-44.28	-73.04	-65.85	1.33	12.05	V
Middle	1664	-63.04	-13	-50.04	-71.5	-68.69	0.93	8.72	H
	2496	-58.88	-13	-45.88	-72.39	-66.28	1.15	10.69	H
	3328	-57.59	-13	-44.59	-72.84	-66.20	1.33	12.09	H
	1664	-63.49	-13	-50.49	-71.36	-69.14	0.93	8.72	V
	2496	-58.78	-13	-45.78	-72.5	-66.18	1.15	10.69	V
	3328	-57.13	-13	-44.13	-72.84	-65.74	1.33	12.09	V
Highest	1672	-62.38	-13	-49.38	-70.87	-68.06	0.93	8.75	H
	2512	-59.12	-13	-46.12	-72.63	-66.53	1.15	10.71	H
	3352	-57.40	-13	-44.40	-72.6	-66.06	1.33	12.14	H
	1672	-61.92	-13	-48.92	-69.78	-67.60	0.93	8.75	V
	2512	-59.03	-13	-46.03	-72.73	-66.44	1.15	10.71	V
	3352	-57.12	-13	-44.12	-72.77	-65.78	1.33	12.14	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 25

LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-49.82	-13	-36.82	-67.78	-61.03	1.41	12.62	H
	5555	-51.03	-13	-38.03	-74.26	-62.59	1.74	13.30	H
	7403	-47.79	-13	-34.79	-74.67	-57.11	1.94	11.26	H
	3700	-47.71	-13	-34.71	-65.81	-58.92	1.41	12.62	V
	5555	-51.52	-13	-38.52	-74.28	-63.08	1.74	13.30	V
	7403	-47.81	-13	-34.81	-74.53	-57.13	1.94	11.26	V
Middle	3742	-49.44	-13	-36.44	-67.56	-60.66	1.42	12.65	H
	5611	-50.32	-13	-37.32	-73.46	-61.88	1.74	13.30	H
	7487	-48.91	-13	-35.91	-75.39	-58.05	1.98	11.12	H
	3742	-51.88	-13	-38.88	-70.2	-63.10	1.42	12.65	V
	5611	-51.20	-13	-38.20	-74.01	-62.76	1.74	13.30	V
	7487	-48.44	-13	-35.44	-74.87	-57.58	1.98	11.12	V
Highest	3791	-45.89	-13	-32.89	-64.19	-57.13	1.44	12.67	H
	5688	-50.10	-13	-37.10	-73.58	-61.67	1.73	13.30	H
	7585	-48.90	-13	-35.90	-74.85	-58.02	2.00	11.12	H
	3791	-45.42	-13	-32.42	-63.98	-56.66	1.44	12.67	V
	5688	-50.79	-13	-37.79	-73.74	-62.36	1.73	13.30	V
	7585	-49.02	-13	-36.02	-74.92	-58.14	2.00	11.12	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-58.10	-13.00	-45.10	-67.55	-62.74	0.84	7.64	H
	2098	-59.37	-13.00	-46.37	-72.01	-66.30	1.06	10.14	H
	2798	-57.65	-13.00	-44.65	-71.94	-65.34	1.22	11.06	H
	1399	-55.20	-13.00	-42.20	-63.43	-59.84	0.84	7.64	V
	2098	-60.60	-13.00	-47.60	-72.13	-67.53	1.06	10.14	V
	2798	-57.83	-13.00	-44.83	-72.06	-65.52	1.22	11.06	V
Middle	1408	-56.33	-13.00	-43.33	-65.75	-61.01	0.85	7.68	H
	2109	-58.99	-13.00	-45.99	-71.83	-65.93	1.06	10.15	H
	2812	-57.80	-13.00	-44.80	-72.15	-65.50	1.22	11.07	H
	3515	-56.79	-13.00	-43.79	-72.96	-65.79	1.36	12.51	H
	4218	-52.32	-13.00	-39.32	-71.16	-61.47	1.46	12.76	H
	1408	-54.78	-13.00	-41.78	-62.98	-59.46	0.85	7.68	V
	2109	-60.37	-13.00	-47.37	-72.10	-67.31	1.06	10.15	V
	2812	-57.69	-13.00	-44.69	-71.99	-65.39	1.22	11.07	V
	3515	-56.68	-13.00	-43.68	-73.19	-65.68	1.36	12.51	V
	4218	-52.41	-13.00	-39.41	-71.36	-61.56	1.46	12.76	V
Highest	1413	-58.51	-13.00	-45.51	-67.92	-63.21	0.85	7.70	H
	2119	-59.32	-13.00	-46.32	-72.34	-66.27	1.07	10.17	H
	2826	-57.85	-13.00	-44.85	-72.26	-65.56	1.23	11.09	H
	3532	-56.80	-13.00	-43.80	-73.13	-65.80	1.37	12.52	H
	4239	-51.61	-13.00	-38.61	-70.56	-60.76	1.45	12.75	H
	1413	-55.04	-13.00	-42.04	-63.23	-59.74	0.85	7.70	V
	2119	-60.40	-13.00	-47.40	-72.29	-67.35	1.07	10.17	V
	2826	-57.95	-13.00	-44.95	-72.33	-65.66	1.23	11.09	V
	3532	-56.91	-13.00	-43.91	-73.49	-65.91	1.37	12.52	V
	4239	-51.55	-13.00	-38.55	-70.58	-60.70	1.45	12.75	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1563	-61.23	-42.15	-19.08	-69.80	-66.53	0.89	8.34	H
	2344	-58.27	-13	-45.27	-71.94	-65.49	1.12	10.48	H
	3126	-57.77	-13	-44.77	-73.18	-65.93	1.29	11.60	H
	1563	-62.04	-42.15	-19.89	-69.98	-67.34	0.89	8.34	V
	2344	-57.77	-13	-44.77	-71.07	-64.99	1.12	10.48	V
	3126	-57.27	-13	-44.27	-73.05	-65.43	1.29	11.60	V
Middle	1568	-58.25	-42.15	-16.10	-66.78	-63.57	0.89	8.36	H
	2352	-58.55	-13	-45.55	-72.19	-65.78	1.12	10.49	H
	3136	-57.62	-13	-44.62	-73.05	-65.80	1.29	11.63	H
	1568	-60.09	-42.15	-17.94	-68.03	-65.41	0.89	8.36	V
	2352	-57.50	-13	-44.50	-70.81	-64.73	1.12	10.49	V
	3136	-57.35	-13	-44.35	-73.17	-65.53	1.29	11.63	V
Highest	1573	-61.70	-42.15	-19.55	-70.19	-67.03	0.89	8.38	H
	2359	-58.87	-13	-45.87	-72.47	-66.10	1.12	10.50	H
	3146	-57.34	-13	-44.34	-72.79	-65.54	1.30	11.65	H
	1573	-61.06	-42.15	-18.91	-69.00	-66.39	0.89	8.38	V
	2359	-58.74	-13	-45.74	-72.05	-65.97	1.12	10.50	V
	3146	-57.10	-13	-44.10	-72.96	-65.30	1.30	11.65	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-58.75	-13	-45.75	-67.37	-64.02	0.89	8.31	H
	2332	-58.05	-13	-45.05	-71.8	-65.25	1.11	10.46	H
	3110	-57.50	-13	-44.50	-72.87	-65.62	1.29	11.56	H
	1555	-60.33	-13	-47.33	-68.27	-65.60	0.89	8.31	V
	2332	-58.86	-13	-45.86	-72.16	-66.06	1.11	10.46	V
	3110	-56.91	-13	-43.91	-72.63	-65.03	1.29	11.56	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 66

LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-49.85	-13	-36.85	-65.85	-60.81	1.35	12.31	H
	5135	-52.48	-13	-39.48	-74.39	-63.62	1.65	12.79	H
	6843	-48.41	-13	-35.41	-73.78	-58.79	1.74	12.12	H
	3420	-50.63	-13	-37.63	-67.05	-61.59	1.35	12.31	V
	5135	-52.95	-13	-39.95	-74.61	-64.09	1.65	12.79	V
	6843	-48.69	-13	-35.69	-73.66	-59.07	1.74	12.12	V
Middle	3469	-52.96	-13	-39.96	-69.45	-64.03	1.35	12.43	H
	5205	-52.43	-13	-39.43	-74.41	-63.65	1.66	12.89	H
	6941	-47.45	-13	-34.45	-73.29	-57.70	1.73	11.98	H
	3469	-52.79	-13	-39.79	-69.66	-63.86	1.35	12.43	V
	5205	-52.63	-13	-39.63	-74.44	-63.85	1.66	12.89	V
	6941	-48.15	-13	-35.15	-73.53	-58.40	1.73	11.98	V
Highest	3525	-52.03	-13	-39.03	-69.02	-63.18	1.37	12.52	H
	5282	-51.88	-13	-38.88	-74.14	-63.19	1.68	12.99	H
	7046	-47.75	-13	-34.75	-74.03	-57.83	1.74	11.83	H
	3525	-50.34	-13	-37.34	-67.61	-61.49	1.37	12.52	V
	5282	-52.15	-13	-39.15	-74.15	-63.46	1.68	12.99	V
	7046	-48.10	-13	-35.10	-73.93	-58.18	1.74	11.83	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7

LTE Band 7 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-49.42	-25	-24.42	-71.26	-60.41	1.61	12.61	H
	7500	-48.89	-25	-23.89	-75.3	-58.00	1.99	11.10	H
	10008	-45.99	-25	-20.99	-75.58	-54.88	2.40	11.29	H
	5004	-51.91	-25	-26.91	-73.31	-62.90	1.61	12.61	V
	7500	-48.65	-25	-23.65	-75.03	-57.76	1.99	11.10	V
	10008	-45.19	-25	-20.19	-75.56	-54.08	2.40	11.29	V
Middle	5052	-49.56	-25	-24.56	-71.44	-60.61	1.62	12.67	H
	7578	-48.99	-25	-23.99	-74.98	-58.10	2.00	11.12	H
	10107	-44.96	-25	-19.96	-74.79	-53.78	2.40	11.21	H
	5052	-52.07	-25	-27.07	-73.58	-63.12	1.62	12.67	V
	7578	-49.06	-25	-24.06	-75.01	-58.17	2.00	11.12	V
	10107	-44.32	-25	-19.32	-74.72	-53.14	2.40	11.21	V
Highest	5100	-48.70	-25	-23.70	-70.6	-59.80	1.64	12.74	H
	7656	-49.12	-25	-24.12	-75	-58.24	2.01	11.13	H
	10206	-44.79	-25	-19.79	-74.87	-53.53	2.40	11.14	H
	5100	-49.49	-25	-24.49	-71.09	-60.59	1.64	12.74	V
	7656	-48.66	-25	-23.66	-74.42	-57.78	2.01	11.13	V
	10206	-44.43	-25	-19.43	-74.86	-53.17	2.40	11.14	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 38

LTE Band 38 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5142	-52.52	-25	-27.52	-74.44	-63.67	1.65	12.80	H
	7716	-48.71	-25	-23.71	-74.6	-57.83	2.02	11.14	H
	10287	-44.43	-25	-19.43	-74.71	-53.11	2.39	11.07	H
	5142	-52.77	-25	-27.77	-74.44	-63.92	1.65	12.80	V
	7716	-48.63	-25	-23.63	-74.33	-57.75	2.02	11.14	V
	10287	-44.31	-25	-19.31	-74.76	-52.99	2.39	11.07	V
Middle	5172	-52.37	-25	-27.37	-74.32	-63.56	1.65	12.84	H
	7758	-48.86	-25	-23.86	-74.75	-57.99	2.03	11.15	H
	10341	-44.21	-25	-19.21	-74.64	-52.84	2.39	11.03	H
	5172	-52.46	-25	-27.46	-74.21	-63.65	1.65	12.84	V
	7758	-49.36	-25	-24.36	-75	-58.49	2.03	11.15	V
	10341	-44.02	-25	-19.02	-74.5	-52.65	2.39	11.03	V
Highest	5202	-50.44	-25	-25.44	-72.41	-61.66	1.66	12.88	H
	7806	-48.60	-25	-23.60	-74.54	-57.73	2.03	11.16	H
	10404	-44.24	-25	-19.24	-74.83	-52.82	2.39	10.98	H
	5202	-51.79	-25	-26.79	-73.59	-63.01	1.66	12.88	V
	7806	-49.08	-25	-24.08	-74.72	-58.21	2.03	11.16	V
	10404	-44.22	-25	-19.22	-74.73	-52.80	2.39	10.98	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 41 (HPUE)

LTE Band 41(HPUE) / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-50.18	-25	-25.18	-72.02	-61.45	0.94	12.21	H
	7506	-48.95	-25	-23.95	-75.33	-58.19	1.18	10.42	H
	10008	-45.72	-25	-20.72	-75.31	-56.44	1.37	12.08	H
	5004	-48.85	-25	-23.85	-70.25	-60.12	0.94	12.21	V
	7506	-48.81	-25	-23.81	-75.16	-58.05	1.18	10.42	V
	10008	-44.85	-25	-19.85	-75.22	-55.57	1.37	12.08	V
Middle	5166	-50.86	-25	-25.86	-72.81	-62.04	1.65	12.83	H
	7752	-48.85	-25	-23.85	-74.74	-57.98	2.03	11.15	H
	10332	-43.81	-25	-18.81	-74.2	-52.45	2.39	11.03	H
	5166	-50.62	-25	-25.62	-72.36	-61.80	1.65	12.83	V
	7752	-48.86	-25	-23.86	-74.51	-57.99	2.03	11.15	V
	10332	-44.03	-25	-19.03	-74.5	-52.67	2.39	11.03	V
Highest	5340	-47.96	-25	-22.96	-70.44	-59.34	1.70	13.08	H
	8016	-46.62	-25	-21.62	-73.9	-55.79	2.06	11.23	H
	10683	-44.31	-25	-19.31	-75.15	-52.72	2.49	10.90	H
	5340	-48.15	-25	-23.15	-70.29	-59.53	1.70	13.08	V
	8016	-46.85	-25	-21.85	-74.02	-56.02	2.06	11.23	V
	10683	-44.65	-25	-19.65	-75.25	-53.06	2.49	10.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 71

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-61.12	-13	-48.12	-70.18	-67.60	0.83	7.31	H
	1992	-60.55	-13	-47.55	-71.36	-69.48	1.04	9.97	H
	2656	-58.44	-13	-45.44	-72.16	-68.14	1.19	10.89	H
	1328	-61.21	-13	-48.21	-69.43	-67.69	0.83	7.31	V
	1992	-61.81	-13	-48.81	-71.65	-70.74	1.04	9.97	V
	2656	-59.00	-13	-46.00	-72.69	-68.70	1.19	10.89	V
Middle	1352	-59.98	-13	-46.98	-69.17	-66.57	0.83	7.42	H
	2024	-60.58	-13	-47.58	-71.89	-69.57	1.05	10.03	H
	2696	-58.44	-13	-45.44	-72.33	-68.18	1.20	10.94	H
	1352	-60.00	-13	-47.00	-68.23	-66.59	0.83	7.42	V
	2024	-61.18	-13	-48.18	-71.49	-70.17	1.05	10.03	V
	2696	-58.89	-13	-45.89	-72.73	-68.63	1.20	10.94	V
Highest	1360	-59.56	-13	-46.56	-68.79	-66.18	0.83	7.46	H
	2040	-60.12	-13	-47.12	-71.72	-69.12	1.05	10.06	H
	2716	-58.26	-13	-45.26	-72.21	-68.02	1.20	10.96	H
	1360	-58.19	-13	-45.19	-66.41	-64.81	0.83	7.46	V
	2040	-61.46	-13	-48.46	-72.03	-70.47	1.05	10.06	V
	2716	-58.56	-13	-45.56	-72.46	-68.32	1.20	10.96	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.