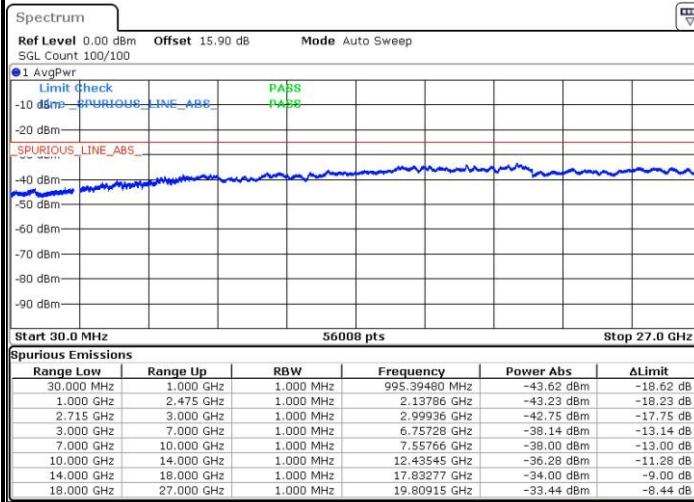




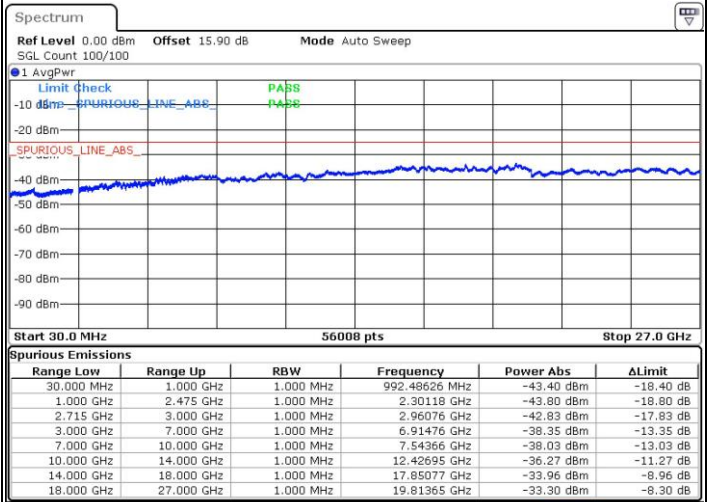
LTE Band 41 / 20MHz

Middle Channel / QPSK



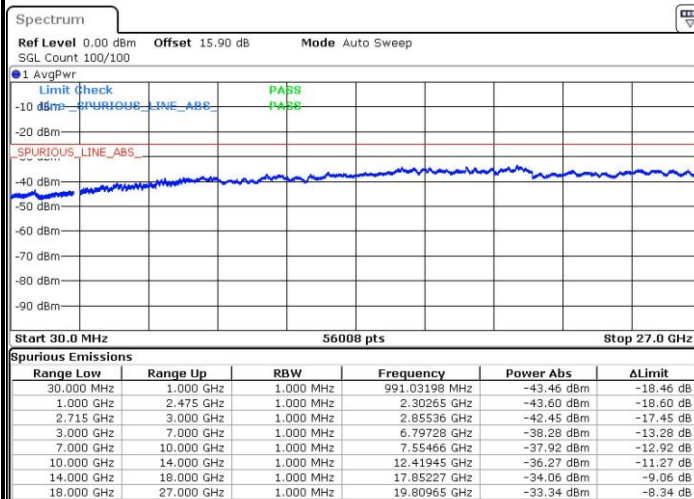
Date: 7 JUL 2018 06:56:15

Middle Channel / 16QAM



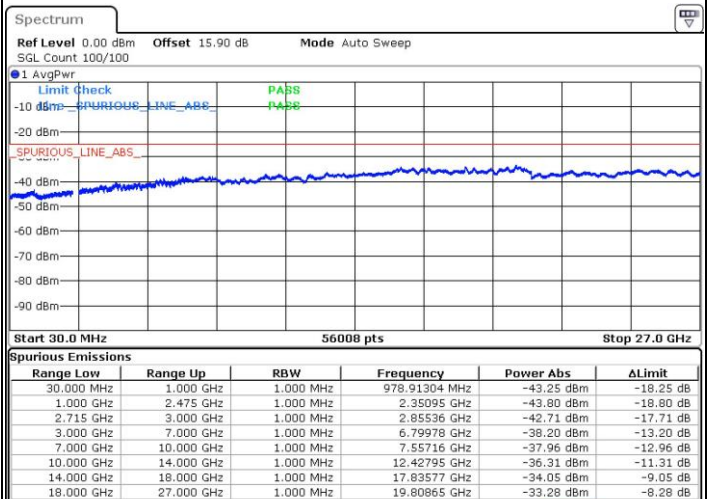
Date: 7 JUL 2018 06:57:10

Highest Channel / QPSK



Date: 7 JUL 2018 06:58:06

Highest Channel / 16QAM

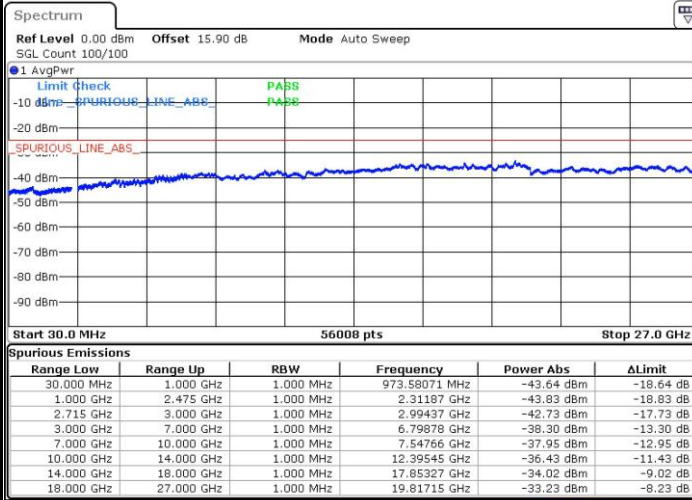


Date: 7 JUL 2018 06:59:01



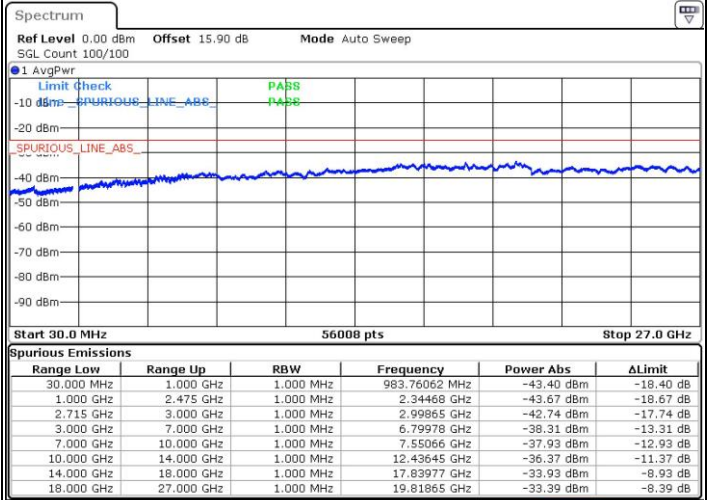
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



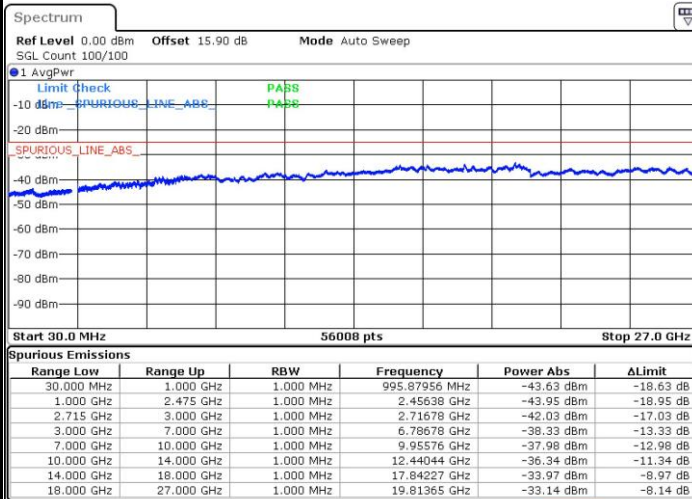
Date: 7 JUL 2018 06:26:37

Middle Channel / 64QAM



Date: 7 JUL 2018 06:27:33

Highest Channel / 64QAM

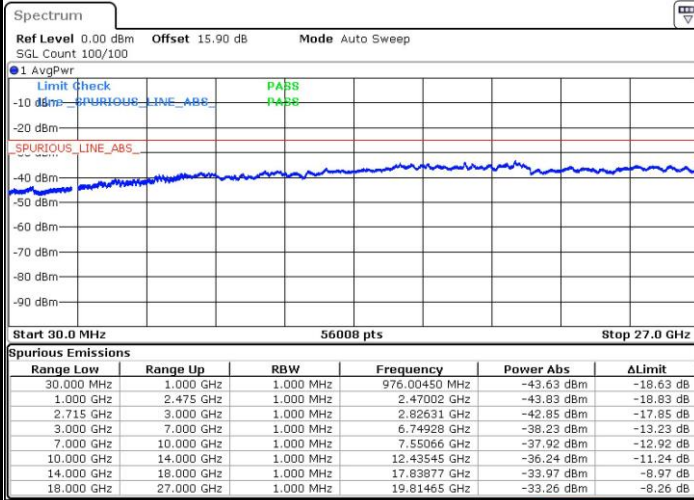


Date: 7 JUL 2018 06:28:28



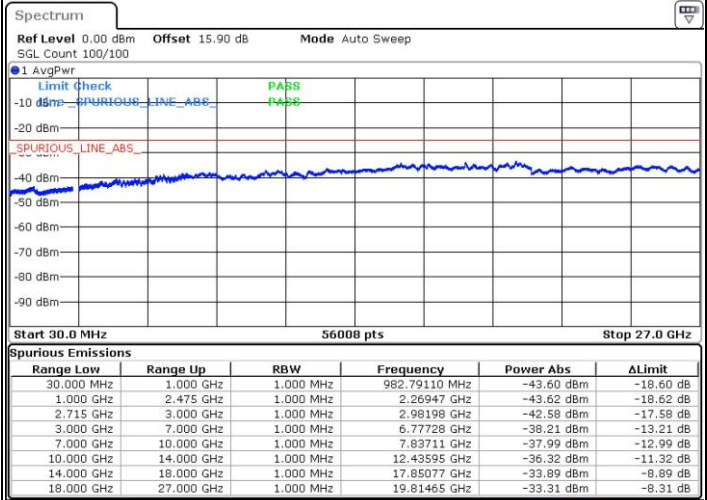
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



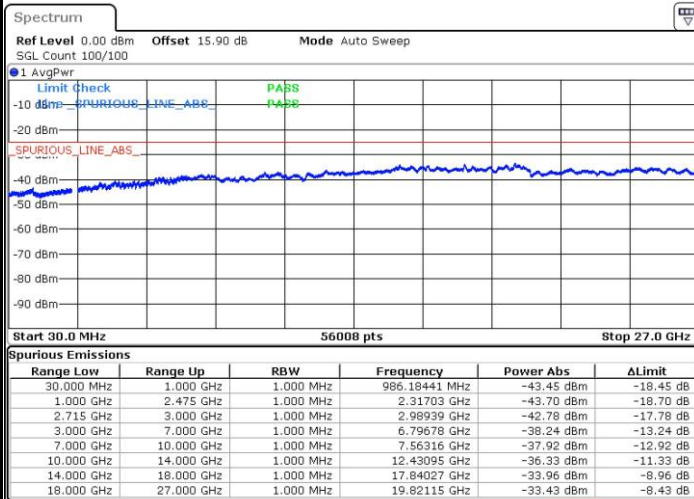
Date: 7 JUL 2018 06:29:24

Middle Channel / 64QAM



Date: 7 JUL 2018 06:30:19

Highest Channel / 64QAM

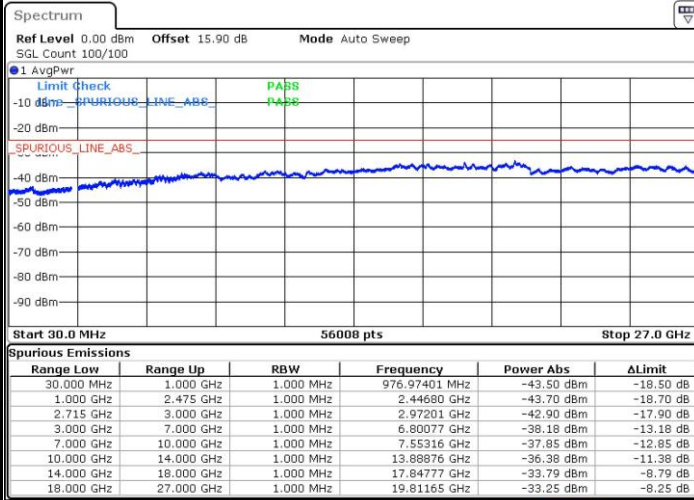


Date: 7 JUL 2018 06:31:15



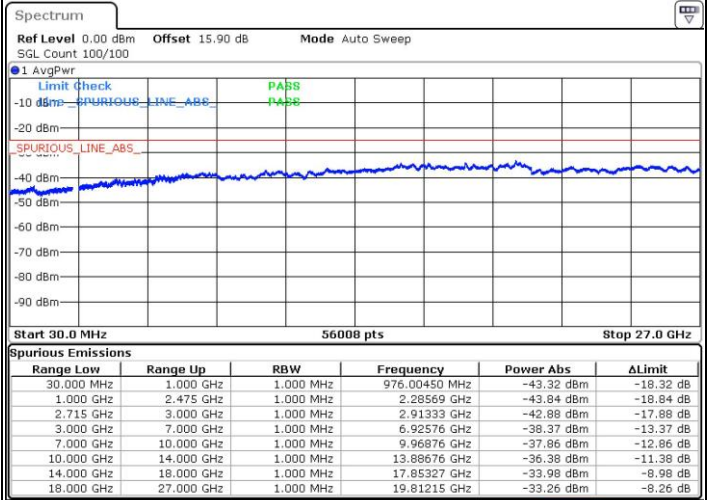
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



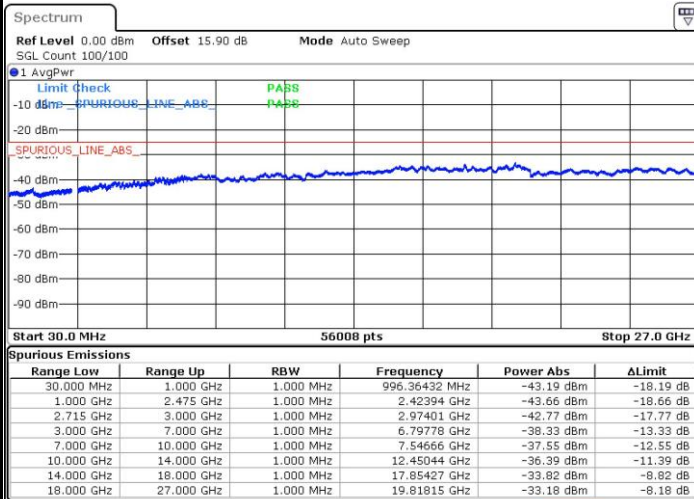
Date: 7 JUL 2018 06:32:10

Middle Channel / 64QAM



Date: 7 JUL 2018 06:33:06

Highest Channel / 64QAM

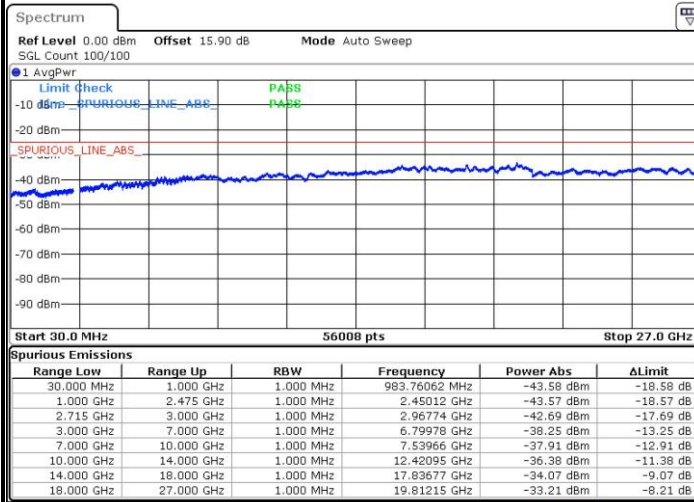


Date: 7 JUL 2018 06:34:02



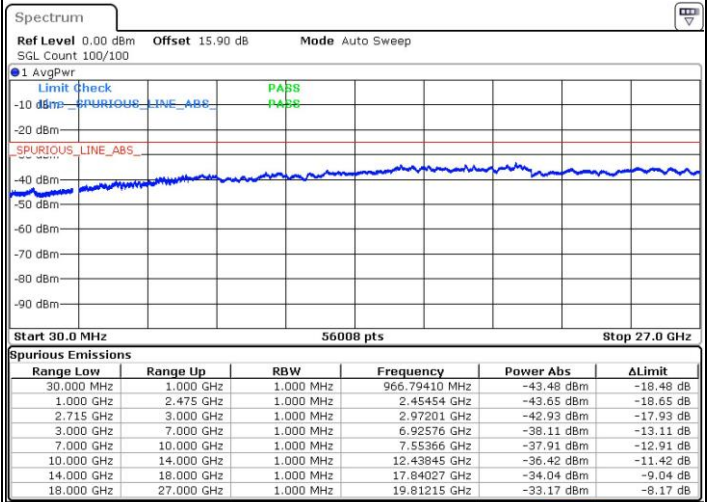
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



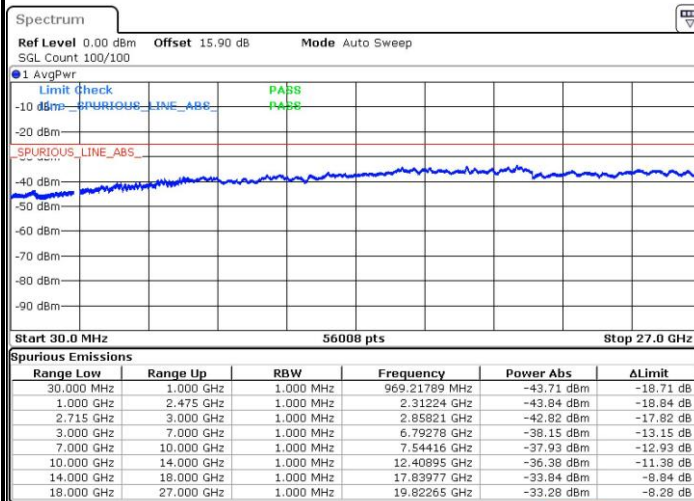
Date: 7 JUL 2018 06:34:57

Middle Channel / 64QAM



Date: 7 JUL 2018 06:35:53

Highest Channel / 64QAM



Date: 7 JUL 2018 06:36:48

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0054	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

<For LAT Antenna>

LTE Band 2 / 1.4MHz (Average) (GT - LC = -0.347 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.75	0.2371	23.40	0.2189
Middle		3	1	23.73	0.2360	23.38	0.2179
Highest		3	1	23.82	0.2410	23.47	0.2225
Lowest	16QAM	1	3	23.06	0.2023	22.71	0.1868
Middle		1	3	23.05	0.2018	22.70	0.1863
Highest		1	3	23.06	0.2023	22.71	0.1868
Lowest	64QAM	1	3	22.39	0.1734	22.04	0.1601
Middle		1	3	22.37	0.1726	22.02	0.1593
Highest		1	3	22.49	0.1774	22.14	0.1638
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -0.347 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.85	0.2427	23.50	0.2240
Middle		1	0	23.74	0.2366	23.39	0.2184
Highest		1	0	23.88	0.2443	23.53	0.2256
Lowest	16QAM	1	8	23.12	0.2051	22.77	0.1894
Middle		1	8	22.97	0.1982	22.62	0.1829
Highest		1	8	23.07	0.2028	22.72	0.1872
Lowest	64QAM	1	8	22.03	0.1596	21.68	0.1473
Middle		1	8	21.92	0.1556	21.57	0.1436
Highest		1	8	22.04	0.1600	21.69	0.1477
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -0.347 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.83	0.2415	23.48	0.2230
Middle		1	0	23.75	0.2371	23.40	0.2189
Highest		1	0	23.95	0.2483	23.60	0.2292
Lowest	16QAM	1	0	23.15	0.2065	22.80	0.1907
Middle		1	0	23.09	0.2037	22.74	0.1881
Highest		1	0	23.11	0.2046	22.76	0.1889
Lowest	64QAM	1	0	22.04	0.1600	21.69	0.1477
Middle		1	0	21.92	0.1556	21.57	0.1436
Highest		1	0	22.02	0.1592	21.67	0.1470
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -0.347 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.87	0.2438	23.52	0.2251
Middle		1	0	23.75	0.2371	23.40	0.2189
Highest		1	0	24.09	0.2564	23.74	0.2368
Lowest	16QAM	1	0	23.19	0.2084	22.84	0.1924
Middle		1	0	23.07	0.2028	22.72	0.1872
Highest		1	0	23.31	0.2143	22.96	0.1978
Lowest	64QAM	1	0	22.06	0.1607	21.71	0.1484
Middle		1	0	21.95	0.1567	21.60	0.1446
Highest		1	0	22.14	0.1637	21.79	0.1511
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -0.347 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.89	0.2449	23.54	0.2261
Middle		1	0	23.82	0.2410	23.47	0.2225
Highest		1	0	24.19	0.2624	23.84	0.2423
Lowest	16QAM	1	0	23.15	0.2065	22.80	0.1907
Middle		1	0	23.14	0.2061	22.79	0.1902
Highest		1	0	23.46	0.2218	23.11	0.2048
Lowest	64QAM	1	0	22.17	0.1648	21.82	0.1522
Middle		1	0	22.02	0.1592	21.67	0.1470
Highest		1	0	22.34	0.1714	21.99	0.1582
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -0.347 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.80	0.2399	23.45	0.2215
Middle		1	0	23.71	0.2350	23.36	0.2169
Highest		1	0	24.20	0.2630	23.85	0.2428
Lowest	16QAM	1	0	23.11	0.2046	22.76	0.1889
Middle		1	0	22.99	0.1991	22.64	0.1838
Highest		1	0	23.49	0.2234	23.14	0.2062
Lowest	64QAM	1	0	22.04	0.1600	21.69	0.1477
Middle		1	0	21.87	0.1538	21.52	0.1420
Highest		1	0	22.32	0.1706	21.97	0.1575
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.46	0.2218	22.46	0.1762
Middle		3	1	23.72	0.2355	22.72	0.1871
Highest		3	1	23.69	0.2339	22.69	0.1858
Lowest	16QAM	1	3	22.79	0.1901	21.79	0.1510
Middle		1	3	23.04	0.2014	22.04	0.1600
Highest		1	3	23.04	0.2014	22.04	0.1600
Lowest	64QAM	1	3	22.17	0.1648	21.17	0.1309
Middle		1	3	22.41	0.1742	21.41	0.1384
Highest		1	3	22.40	0.1738	21.40	0.1380
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.48	0.2228	22.48	0.1770
Middle		1	0	23.80	0.2399	22.80	0.1905
Highest		1	0	23.70	0.2344	22.70	0.1862
Lowest	16QAM	1	8	22.75	0.1884	21.75	0.1496
Middle		1	8	23.07	0.2028	22.07	0.1611
Highest		1	8	23.05	0.2018	22.05	0.1603
Lowest	64QAM	1	0	21.71	0.1483	20.71	0.1178
Middle		1	0	21.99	0.1581	20.99	0.1256
Highest		1	0	21.97	0.1574	20.97	0.1250
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.50	0.2239	22.50	0.1778
Middle		1	0	23.80	0.2399	22.80	0.1905
Highest		1	0	23.74	0.2366	22.74	0.1879
Lowest	16QAM	1	0	22.81	0.1910	21.81	0.1517
Middle		1	0	23.10	0.2042	22.10	0.1622
Highest		1	0	23.13	0.2056	22.13	0.1633
Lowest	64QAM	1	0	21.74	0.1493	20.74	0.1186
Middle		1	0	22.03	0.1596	21.03	0.1268
Highest		1	0	21.94	0.1563	20.94	0.1242
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.49	0.2234	22.49	0.1774
Middle		1	0	23.74	0.2366	22.74	0.1879
Highest		1	0	23.79	0.2393	22.79	0.1901
Lowest	16QAM	1	0	22.83	0.1919	21.83	0.1524
Middle		1	0	23.13	0.2056	22.13	0.1633
Highest		1	0	23.10	0.2042	22.10	0.1622
Lowest	64QAM	1	0	21.72	0.1486	20.72	0.1180
Middle		1	0	21.95	0.1567	20.95	0.1245
Highest		1	0	22.00	0.1585	21.00	0.1259
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.58	0.2280	22.58	0.1811
Middle		1	0	23.79	0.2393	22.79	0.1901
Highest		1	0	23.86	0.2432	22.86	0.1932
Lowest	16QAM	1	0	22.90	0.1950	21.90	0.1549
Middle		1	0	23.12	0.2051	22.12	0.1629
Highest		1	0	23.14	0.2061	22.14	0.1637
Lowest	64QAM	1	0	21.86	0.1535	20.86	0.1219
Middle		1	0	22.04	0.1600	21.04	0.1271
Highest		1	0	22.08	0.1614	21.08	0.1282
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.60	0.2291	22.60	0.1820
Middle		1	0	23.85	0.2427	22.85	0.1928
Highest		1	0	23.90	0.2455	22.90	0.1950
Lowest	16QAM	1	0	22.94	0.1968	21.94	0.1563
Middle		1	0	23.19	0.2084	22.19	0.1656
Highest		1	0	23.21	0.2094	22.21	0.1663
Lowest	64QAM	1	0	21.81	0.1517	20.81	0.1205
Middle		1	0	22.04	0.1600	21.04	0.1271
Highest		1	0	22.10	0.1622	21.10	0.1288
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.567 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.05	0.2541	19.33	0.0858
Middle		1	3	24.17	0.2612	19.45	0.0882
Highest		1	3	23.88	0.2443	19.16	0.0825
Lowest	16QAM	1	3	23.39	0.2183	18.67	0.0737
Middle		1	3	23.47	0.2223	18.75	0.0750
Highest		1	3	23.19	0.2084	18.47	0.0704
Lowest	64QAM	1	0	22.33	0.1710	17.61	0.0577
Middle		1	0	22.50	0.1778	17.78	0.0600
Highest		1	0	22.21	0.1663	17.49	0.0561
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.567 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.34	0.2716	19.62	0.0917
Middle		1	0	24.48	0.2805	19.76	0.0947
Highest		1	0	24.20	0.2630	19.48	0.0888
Lowest	16QAM	1	8	23.36	0.2168	18.64	0.0732
Middle		1	8	23.47	0.2223	18.75	0.0750
Highest		1	8	23.31	0.2143	18.59	0.0723
Lowest	64QAM	1	8	22.29	0.1694	17.57	0.0572
Middle		1	8	22.41	0.1742	17.69	0.0588
Highest		1	8	22.39	0.1734	17.67	0.0585
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.567 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.37	0.2735	19.65	0.0923
Middle		1	0	24.49	0.2812	19.77	0.0949
Highest		1	0	24.32	0.2704	19.60	0.0913
Lowest	16QAM	1	24	23.46	0.2218	18.74	0.0749
Middle		1	24	23.40	0.2188	18.68	0.0738
Highest		1	24	23.49	0.2234	18.77	0.0754
Lowest	64QAM	1	0	22.35	0.1718	17.63	0.0580
Middle		1	0	22.45	0.1758	17.73	0.0593
Highest		1	0	22.31	0.1702	17.59	0.0575
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2.567 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.36	0.2729	19.64	0.0921
Middle		1	0	24.42	0.2767	19.70	0.0934
Highest		1	0	24.49	0.2812	19.77	0.0949
Lowest	16QAM	1	0	23.46	0.2218	18.74	0.0749
Middle		1	0	23.42	0.2198	18.70	0.0742
Highest		1	0	23.48	0.2228	18.76	0.0752
Lowest	64QAM	1	0	22.40	0.1738	17.68	0.0587
Middle		1	0	22.43	0.1750	17.71	0.0591
Highest		1	0	22.40	0.1738	17.68	0.0587
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	24.00	20.63	0.1156	21.03	0.1269
Middle		1.00	24.00	20.10	0.1023	20.50	0.1123
Highest		1.00	24.00	20.17	0.1040	20.57	0.1141
Lowest	16QAM	1.00	12.00	19.98	0.0995	20.38	0.1092
Middle		1.00	12.00	19.42	0.0875	19.82	0.0960
Highest		1.00	12.00	19.48	0.0887	19.88	0.0973
Lowest	64QAM	1.00	12.00	18.97	0.0789	19.37	0.0866
Middle		1.00	12.00	18.33	0.0681	18.73	0.0747
Highest		1.00	12.00	18.42	0.0695	18.82	0.0763
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	25	20.64	0.1159	21.04	0.1271
Middle		1.00	25	20.11	0.1026	20.51	0.1125
Highest		1.00	25	20.22	0.1052	20.62	0.1154
Lowest	16QAM	1.00	25	19.97	0.0993	20.37	0.1090
Middle		1.00	25	19.44	0.0879	19.84	0.0964
Highest		1.00	25	19.52	0.0895	19.92	0.0982
Lowest	64QAM	1.00	0.00	18.95	0.0785	19.35	0.0862
Middle		1.00	0.00	18.52	0.0711	18.92	0.0780
Highest		1.00	0.00	18.50	0.0708	18.90	0.0777
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	20.65	0.1161	21.05	0.1274
Middle		1.00	0.00	20.32	0.1076	20.72	0.1181
Highest		1.00	0.00	20.26	0.1062	20.66	0.1165
Lowest	16QAM	1.00	37.00	19.95	0.0989	20.35	0.1085
Middle		1.00	37.00	19.42	0.0875	19.82	0.0960
Highest		1.00	37.00	19.58	0.0908	19.98	0.0996
Lowest	64QAM	1.00	37.00	18.96	0.0787	19.36	0.0864
Middle		1.00	37.00	18.34	0.0682	18.74	0.0749
Highest		1.00	37.00	18.53	0.0713	18.93	0.0782
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	20.69	0.1172	21.09	0.1286
Middle		1.00	0.00	20.36	0.1086	20.76	0.1192
Highest		1.00	0.00	20.29	0.1069	20.69	0.1173
Lowest	16QAM	1.00	0.00	19.94	0.0986	20.34	0.1082
Middle		1.00	0.00	19.69	0.0931	20.09	0.1022
Highest		1.00	0.00	19.70	0.0933	20.10	0.1024
Lowest	64QAM	1.00	49.00	18.94	0.0783	19.34	0.0860
Middle		1.00	49.00	18.40	0.0692	18.80	0.0759
Highest		1.00	49.00	18.51	0.0710	18.91	0.0779
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -2.746 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	22.62	0.1828	17.72	0.0592
Middle		3	1	22.68	0.1854	17.78	0.0600
Highest		3	1	22.97	0.1982	18.07	0.0642
Lowest	16QAM	1	3	21.70	0.1479	16.80	0.0479
Middle		1	3	22.00	0.1585	17.10	0.0513
Highest		1	3	22.34	0.1714	17.44	0.0555
Lowest	64QAM	1	3	21.55	0.1429	16.65	0.0463
Middle		1	3	21.92	0.1556	17.02	0.0504
Highest		1	3	22.14	0.1637	17.24	0.0530
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -2.746 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.79	0.1901	17.89	0.0616
Middle		1	0	22.93	0.1963	18.03	0.0636
Highest		1	0	23.23	0.2104	18.33	0.0681
Lowest	16QAM	1	8	22.09	0.1618	17.19	0.0524
Middle		1	8	22.34	0.1714	17.44	0.0555
Highest		1	8	22.58	0.1811	17.68	0.0587
Lowest	64QAM	1	14	21.06	0.1276	16.16	0.0413
Middle		1	14	21.23	0.1327	16.33	0.0430
Highest		1	14	21.57	0.1435	16.67	0.0465
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -2.746 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.84	0.1923	17.94	0.0623
Middle		1	24	23.14	0.2061	18.24	0.0667
Highest		1	24	23.22	0.2099	18.32	0.0680
Lowest	16QAM	1	24	22.13	0.1633	17.23	0.0529
Middle		1	24	22.44	0.1754	17.54	0.0568
Highest		1	24	22.56	0.1803	17.66	0.0584
Lowest	64QAM	1	12	21.10	0.1288	16.20	0.0417
Middle		1	12	21.26	0.1337	16.36	0.0433
Highest		1	12	21.50	0.1413	16.60	0.0458
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -2.746 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.81	0.1910	17.91	0.0619
Middle		1	0	23.03	0.2009	18.13	0.0651
Highest		1	0	23.24	0.2109	18.34	0.0683
Lowest	16QAM	1	49	22.18	0.1652	17.28	0.0535
Middle		1	49	22.42	0.1746	17.52	0.0565
Highest		1	49	22.57	0.1807	17.67	0.0585
Lowest	64QAM	1	49	21.21	0.1321	16.31	0.0428
Middle		1	49	21.26	0.1337	16.36	0.0433
Highest		1	49	21.51	0.1416	16.61	0.0459
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -1.584 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.98	0.2500	20.25	0.1058
Middle		1	0	24.20	0.2630	20.47	0.1113
Highest		1	0	24.22	0.2642	20.49	0.1118
Lowest	16QAM	1	0	23.11	0.2046	19.38	0.0866
Middle		1	0	23.37	0.2173	19.64	0.0920
Highest		1	0	23.50	0.2239	19.77	0.0948
Lowest	64QAM	1	0	22.09	0.1618	18.36	0.0685
Middle		1	0	22.35	0.1718	18.62	0.0727
Highest		1	0	22.49	0.1774	18.76	0.0751
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -1.584 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.23	0.2649	20.50	0.1121
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	23.48	0.2228	19.75	0.0943
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	22.43	0.1750	18.70	0.0741
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -2.746 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.99	0.1991	18.09	0.0645
Middle		1	24	23.15	0.2065	18.25	0.0669
Highest		1	24	23.24	0.2109	18.34	0.0683
Lowest	16QAM	1	12	22.11	0.1626	17.21	0.0527
Middle		1	12	22.37	0.1726	17.47	0.0559
Highest		1	12	22.61	0.1824	17.71	0.0591
Lowest	64QAM	1	24	21.21	0.1321	16.31	0.0428
Middle		1	24	21.39	0.1377	16.49	0.0446
Highest		1	24	21.55	0.1429	16.65	0.0463
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -2.746 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.06	0.2023	18.16	0.0655
Middle		1	0	23.12	0.2051	18.22	0.0664
Highest		1	0	23.25	0.2113	18.35	0.0685
Lowest	16QAM	1	49	22.55	0.1799	17.65	0.0583
Middle		1	49	22.51	0.1782	17.61	0.0577
Highest		1	49	22.59	0.1816	17.69	0.0588
Lowest	64QAM	1	49	21.38	0.1374	16.48	0.0445
Middle		1	49	21.40	0.1380	16.50	0.0447
Highest		1	49	21.54	0.1426	16.64	0.0462
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	12.00	23.41	0.2193	23.81	0.2406
Middle		1.00	12.00	23.83	0.2415	24.23	0.2650
Highest		1.00	12.00	24.11	0.2576	24.51	0.2827
Lowest	16QAM	1.00	0.00	22.56	0.1803	22.96	0.1978
Middle		1.00	0.00	22.98	0.1986	23.38	0.2179
Highest		1.00	0.00	23.14	0.2061	23.54	0.2261
Lowest	64QAM	1.00	0.00	21.16	0.1306	21.56	0.1433
Middle		1.00	0.00	21.62	0.1452	22.02	0.1593
Highest		1.00	0.00	21.83	0.1524	22.23	0.1672
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.49	0.2234	23.89	0.2451
Middle		1.00	0.00	23.94	0.2477	24.34	0.2718
Highest		1.00	0.00	24.29	0.2685	24.69	0.2946
Lowest	16QAM	1.00	0.00	22.62	0.1828	23.02	0.2006
Middle		1.00	0.00	23.10	0.2042	23.50	0.2240
Highest		1.00	0.00	23.39	0.2183	23.79	0.2395
Lowest	64QAM	1.00	0.00	22.33	0.1710	22.73	0.1876
Middle		1.00	0.00	21.69	0.1476	22.09	0.1619
Highest		1.00	0.00	22.05	0.1603	22.45	0.1759
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.61	0.2296	24.01	0.2519
Middle		1.00	0.00	24.01	0.2518	24.41	0.2762
Highest		1.00	0.00	24.29	0.2685	24.69	0.2946
Lowest	16QAM	1.00	0.00	22.72	0.1871	23.12	0.2053
Middle		1.00	0.00	23.22	0.2099	23.62	0.2303
Highest		1.00	0.00	23.42	0.2198	23.82	0.2412
Lowest	64QAM	1.00	0.00	21.31	0.1352	21.71	0.1484
Middle		1.00	0.00	21.80	0.1514	22.20	0.1661
Highest		1.00	0.00	22.14	0.1637	22.54	0.1796
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.72	0.2355	24.12	0.2584
Middle		1.00	0.00	24.26	0.2667	24.66	0.2926
Highest		1.00	0.00	24.33	0.2710	24.73	0.2974
Lowest	16QAM	1.00	49.00	22.56	0.1803	22.96	0.1978
Middle		1.00	49.00	22.90	0.1950	23.30	0.2139
Highest		1.00	49.00	23.33	0.2153	23.73	0.2362
Lowest	64QAM	1.00	0.00	21.30	0.1349	21.70	0.1480
Middle		1.00	0.00	21.83	0.1524	22.23	0.1672
Highest		1.00	0.00	21.99	0.1581	22.39	0.1735
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -2.549 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.22	0.2642	19.52	0.0896
Middle		3	1	23.95	0.2483	19.25	0.0842
Highest		3	1	23.83	0.2415	19.13	0.0819
Lowest	16QAM	1	3	23.48	0.2228	18.78	0.0755
Middle		1	3	23.28	0.2128	18.58	0.0721
Highest		1	3	23.23	0.2104	18.53	0.0713
Lowest	64QAM	1	3	22.42	0.1746	17.72	0.0592
Middle		1	3	22.22	0.1667	17.52	0.0565
Highest		1	3	22.07	0.1611	17.37	0.0546
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -2.549 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.46	0.2793	19.76	0.0946
Middle		1	0	24.31	0.2698	19.61	0.0914
Highest		1	0	24.17	0.2612	19.47	0.0885
Lowest	16QAM	1	0	23.48	0.2228	18.78	0.0755
Middle		1	0	23.38	0.2178	18.68	0.0738
Highest		1	0	23.42	0.2198	18.72	0.0745
Lowest	64QAM	1	8	22.42	0.1746	17.72	0.0592
Middle		1	8	22.32	0.1706	17.62	0.0578
Highest		1	8	22.38	0.1730	17.68	0.0586
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -2.549 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	24.45	0.2786	19.75	0.0944
Middle		1	24	24.24	0.2655	19.54	0.0900
Highest		1	24	24.15	0.2600	19.45	0.0881
Lowest	16QAM	1	12	23.38	0.2178	18.68	0.0738
Middle		1	12	23.39	0.2183	18.69	0.0740
Highest		1	12	23.50	0.2239	18.80	0.0759
Lowest	64QAM	1	0	22.47	0.1766	17.77	0.0599
Middle		1	0	22.37	0.1726	17.67	0.0585
Highest		1	0	22.49	0.1774	17.79	0.0601
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -2.549 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.44	0.2780	19.74	0.0942
Middle		1	0	24.43	0.2773	19.73	0.0940
Highest		1	0	24.24	0.2655	19.54	0.0900
Lowest	16QAM	1	25	23.37	0.2173	18.67	0.0736
Middle		1	25	23.38	0.2178	18.68	0.0738
Highest		1	25	23.43	0.2203	18.73	0.0747
Lowest	64QAM	1	0	22.37	0.1726	17.67	0.0585
Middle		1	0	22.34	0.1714	17.64	0.0581
Highest		1	0	22.50	0.1778	17.80	0.0603
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -2.549 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.35	0.2723	19.65	0.0923
Middle		1	0	24.50	0.2818	19.80	0.0955
Highest		1	0	24.33	0.2710	19.63	0.0919
Lowest	16QAM	1	74	23.35	0.2163	18.65	0.0733
Middle		1	74	23.50	0.2239	18.80	0.0759
Highest		1	74	23.38	0.2178	18.68	0.0738
Lowest	64QAM	1	0	22.46	0.1762	17.76	0.0597
Middle		1	0	22.38	0.1730	17.68	0.0586
Highest		1	0	22.35	0.1718	17.65	0.0582
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.83	0.2415	24.23	0.2650
Middle		1.00	0.00	23.68	0.2333	24.08	0.2560
Highest		1.00	0.00	23.73	0.2360	24.13	0.2590
Lowest	16QAM	1.00	0.00	22.97	0.1982	23.37	0.2174
Middle		1.00	0.00	22.80	0.1905	23.20	0.2091
Highest		1.00	0.00	22.85	0.1928	23.25	0.2115
Lowest	64QAM	1.00	0.00	21.58	0.1439	21.98	0.1579
Middle		1.00	0.00	21.42	0.1387	21.82	0.1522
Highest		1.00	0.00	21.44	0.1393	21.84	0.1529
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.92	0.2466	24.32	0.2706
Middle		1.00	0.00	23.73	0.2360	24.13	0.2590
Highest		1.00	0.00	23.79	0.2393	24.19	0.2626
Lowest	16QAM	1.00	0.00	23.02	0.2004	23.42	0.2199
Middle		1.00	0.00	22.87	0.1936	23.27	0.2125
Highest		1.00	0.00	22.94	0.1968	23.34	0.2159
Lowest	64QAM	1.00	49	22.03	0.1596	22.43	0.1751
Middle		1.00	49	22.36	0.1722	22.76	0.1889
Highest		1.00	49	22.48	0.1770	22.88	0.1942
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	24.03	0.2529	24.43	0.2775
Middle		1.00	0.00	23.88	0.2443	24.28	0.2681
Highest		1.00	0.00	23.81	0.2404	24.21	0.2638
Lowest	16QAM	1.00	0.00	23.13	0.2056	23.53	0.2256
Middle		1.00	0.00	22.98	0.1986	23.38	0.2179
Highest		1.00	0.00	22.93	0.1963	23.33	0.2154
Lowest	64QAM	1.00	0.00	21.73	0.1489	22.13	0.1634
Middle		1.00	0.00	21.58	0.1439	21.98	0.1579
Highest		1.00	0.00	21.51	0.1416	21.91	0.1553
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = 0.403 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	24.04	0.2535	24.44	0.2782
Middle		1.00	0.00	23.89	0.2449	24.29	0.2687
Highest		1.00	0.00	23.82	0.2410	24.22	0.2644
Lowest	16QAM	1.00	0.00	23.15	0.2065	23.55	0.2266
Middle		1.00	0.00	23.05	0.2018	23.45	0.2215
Highest		1.00	0.00	22.97	0.1982	23.37	0.2174
Lowest	64QAM	1.00	99.00	22.40	0.1738	22.80	0.1907
Middle		1.00	99.00	21.18	0.1312	21.58	0.1440
Highest		1.00	99.00	21.29	0.1346	21.69	0.1477
Limit	EIRP < 2W			Result		PASS	



LTE Band 5_CA / 10 + 10 MHz (GT - LC = -2.567 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	0	0	24.49	0.2812	21.92	0.1557
Middle		1	0	0	0	24.30	0.2692	21.73	0.1490
Highest		1	0	0	0	24.41	0.2761	21.84	0.1529
Lowest	16QAM	1	0	0	0	23.59	0.2286	21.02	0.1266
Middle		1	0	0	0	23.48	0.2228	20.91	0.1234
Highest		1	0	0	0	23.40	0.2188	20.83	0.1211
Lowest	64QAM	1	0	0	0	22.46	0.1762	19.89	0.0976
Middle		1	0	0	0	22.34	0.1714	19.77	0.0949
Highest		1	0	0	0	22.40	0.1738	19.83	0.0962
Limit	EIRP < 7W					Result		PASS	

LTE Band 5_CA / 10 + 5 MHz (GT - LC = -2.567 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	23.20	0.2089	20.63	0.1157
Middle		1	49	1	0	23.10	0.2042	20.53	0.1131
Highest		1	49	1	0	23.00	0.1995	20.43	0.1105
Lowest	16QAM	1	49	1	0	22.40	0.1738	19.83	0.0962
Middle		1	49	1	0	23.00	0.1995	20.43	0.1105
Highest		1	49	1	0	22.80	0.1905	20.23	0.1055
Lowest	64QAM	1	49	1	0	20.40	0.1096	17.83	0.0607
Middle		1	49	1	0	21.00	0.1259	18.43	0.0697
Highest		1	49	1	0	20.90	0.1230	18.33	0.0681
Limit	EIRP < 7W					Result		PASS	

LTE Band 5_CA / 5 + 10 MHz (GT - LC = -2.567 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	1	0	23.40	0.2188	20.83	0.1211
Middle		1	24	1	0	23.20	0.2089	20.63	0.1157
Highest		1	24	1	0	23.30	0.2138	20.73	0.1184
Lowest	16QAM	1	24	1	0	23.10	0.2042	20.53	0.1131
Middle		1	24	1	0	23.00	0.1995	20.43	0.1105
Highest		1	24	1	0	23.00	0.1995	20.43	0.1105
Lowest	64QAM	1	24	1	0	21.00	0.1259	18.43	0.0697
Middle		1	24	1	0	20.80	0.1202	18.23	0.0666
Highest		1	24	1	0	20.80	0.1202	18.23	0.0666
Limit	EIRP < 7W					Result		PASS	



LTE Band 7_CA / 20 + 20 MHz (GT - LC = 0.403 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	20.80	0.1202	21.20	0.1319
Middle		1	99	1	0	20.79	0.1199	21.19	0.1316
Highest		1	99	1	0	19.68	0.0929	20.08	0.1019
Lowest	16QAM	0	0	1	99	19.73	0.0940	20.13	0.1031
Middle		0	0	1	99	19.56	0.0904	19.96	0.0992
Highest		0	0	1	99	19.18	0.0828	19.58	0.0908
Lowest	64QAM	0	0	1	99	18.68	0.0738	19.08	0.0810
Middle		0	0	1	99	18.58	0.0721	18.98	0.0791
Highest		0	0	1	99	18.11	0.0647	18.51	0.0710
Limit	EIRP < 2W					Result		PASS	

LTE Band 7_CA / 20 + 15 MHz (GT - LC = 0.403 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	20.70	0.1175	21.10	0.1289
Middle		1	99	1	0	20.80	0.1202	21.20	0.1319
Highest		1	99	1	0	20.60	0.1148	21.00	0.1260
Lowest	16QAM	1	99	1	0	20.30	0.1072	20.70	0.1176
Middle		1	99	1	0	20.40	0.1096	20.80	0.1203
Highest		1	99	1	0	20.30	0.1072	20.70	0.1176
Lowest	64QAM	1	99	1	0	18.60	0.0724	19.00	0.0795
Middle		1	99	1	0	18.40	0.0692	18.80	0.0759
Highest		1	99	1	0	18.30	0.0676	18.70	0.0742
Limit	EIRP < 2W					Result		PASS	

LTE Band 7_CA / 15 + 20 MHz (GT - LC = 0.403 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	19.90	0.0977	20.30	0.1072
Middle		1	74	1	0	20.50	0.1122	20.90	0.1231
Highest		1	74	1	0	20.60	0.1148	21.00	0.1260
Lowest	16QAM	1	74	1	0	19.70	0.0933	20.10	0.1024
Middle		1	74	1	0	20.00	0.1000	20.40	0.1097
Highest		1	74	1	0	20.30	0.1072	20.70	0.1176
Lowest	64QAM	1	74	1	0	17.60	0.0575	18.00	0.0631
Middle		1	74	1	0	18.00	0.0631	18.40	0.0692
Highest		1	74	1	0	17.80	0.0603	18.20	0.0661
Limit	EIRP < 2W					Result		PASS	



LTE Band 7_CA / 20 + 10 MHz (GT - LC = 0.403 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	20.50	0.1122	20.90	0.1231
Middle		1	99	1	0	20.70	0.1175	21.10	0.1289
Highest		1	99	1	0	20.50	0.1122	20.90	0.1231
Lowest	16QAM	1	99	1	0	18.80	0.0759	19.20	0.0832
Middle		1	99	1	0	19.10	0.0813	19.50	0.0892
Highest		1	99	1	0	18.50	0.0708	18.90	0.0777
Lowest	64QAM	1	99	1	0	18.10	0.0646	18.50	0.0708
Middle		1	99	1	0	18.40	0.0692	18.80	0.0759
Highest		1	99	1	0	18.10	0.0646	18.50	0.0708
Limit	EIRP < 2W					Result		PASS	

LTE Band 7_CA / 10 + 20 MHz (GT - LC = 0.403 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	18.20	0.0661	18.60	0.0725
Middle		1	74	1	0	19.80	0.0955	20.20	0.1048
Highest		1	74	1	0	18.40	0.0692	18.80	0.0759
Lowest	16QAM	1	74	1	0	19.70	0.0933	20.10	0.1024
Middle		1	74	1	0	20.10	0.1023	20.50	0.1123
Highest		1	74	1	0	19.80	0.0955	20.20	0.1048
Lowest	64QAM	1	74	1	0	16.00	0.0398	16.40	0.0437
Middle		1	74	1	0	17.70	0.0589	18.10	0.0646
Highest		1	74	1	0	16.20	0.0417	16.60	0.0457
Limit	EIRP < 2W					Result		PASS	

LTE Band 7_CA / 15 + 15 MHz (GT - LC = 0.403 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	20.00	0.1000	20.40	0.1097
Middle		1	74	1	0	20.30	0.1072	20.70	0.1176
Highest		1	74	1	0	20.10	0.1023	20.50	0.1123
Lowest	16QAM	1	74	1	0	19.70	0.0933	20.10	0.1024
Middle		1	74	1	0	20.00	0.1000	20.40	0.1097
Highest		1	74	1	0	19.80	0.0955	20.20	0.1048
Lowest	64QAM	1	74	1	0	17.60	0.0575	18.00	0.0631
Middle		1	74	1	0	18.00	0.0631	18.40	0.0692
Highest		1	74	1	0	17.80	0.0603	18.20	0.0661
Limit	EIRP < 2W					Result		PASS	



LTE Band 7_CA / 15 + 10 MHz (GT - LC = 0.403 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	20.20	0.1047	20.60	0.1149
Middle		1	74	1	0	20.40	0.1096	20.80	0.1203
Highest		1	74	1	0	20.10	0.1023	20.50	0.1123
Lowest	16QAM	1	74	1	0	19.60	0.0912	20.00	0.1001
Middle		1	74	1	0	20.00	0.1000	20.40	0.1097
Highest		1	74	1	0	18.20	0.0661	18.60	0.0725
Lowest	64QAM	1	74	1	0	17.50	0.0562	17.90	0.0617
Middle		1	74	1	0	18.00	0.0631	18.40	0.0692
Highest		1	74	1	0	17.70	0.0589	18.10	0.0646
Limit	EIRP < 2W					Result		PASS	



<For UAT Antenna>

LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.75 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.05	0.2541	19.15	0.0822
Middle		1	3	24.17	0.2612	19.27	0.0845
Highest		1	3	23.88	0.2443	18.98	0.0791
Lowest	16QAM	1	3	23.39	0.2183	18.49	0.0706
Middle		1	3	23.47	0.2223	18.57	0.0719
Highest		1	3	23.19	0.2084	18.29	0.0675
Lowest	64QAM	1	0	22.33	0.1710	17.43	0.0553
Middle		1	0	22.50	0.1778	17.60	0.0575
Highest		1	0	22.21	0.1663	17.31	0.0538
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.75 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.34	0.2716	19.44	0.0879
Middle		1	0	24.48	0.2805	19.58	0.0908
Highest		1	0	24.20	0.2630	19.30	0.0851
Lowest	16QAM	1	8	23.36	0.2168	18.46	0.0701
Middle		1	8	23.47	0.2223	18.57	0.0719
Highest		1	8	23.31	0.2143	18.41	0.0693
Lowest	64QAM	1	8	22.29	0.1694	17.39	0.0548
Middle		1	8	22.41	0.1742	17.51	0.0564
Highest		1	8	22.39	0.1734	17.49	0.0561
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.75 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.37	0.2735	19.47	0.0885
Middle		1	0	24.49	0.2812	19.59	0.0910
Highest		1	0	24.32	0.2704	19.42	0.0875
Lowest	16QAM	1	24	23.46	0.2218	18.56	0.0718
Middle		1	24	23.40	0.2188	18.50	0.0708
Highest		1	24	23.49	0.2234	18.59	0.0723
Lowest	64QAM	1	0	22.35	0.1718	17.45	0.0556
Middle		1	0	22.45	0.1758	17.55	0.0569
Highest		1	0	22.31	0.1702	17.41	0.0551
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2.75 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.36	0.2729	19.46	0.0883
Middle		1	0	24.42	0.2767	19.52	0.0895
Highest		1	0	24.49	0.2812	19.59	0.0910
Lowest	16QAM	1	0	23.46	0.2218	18.56	0.0718
Middle		1	0	23.42	0.2198	18.52	0.0711
Highest		1	0	23.48	0.2228	18.58	0.0721
Lowest	64QAM	1	0	22.40	0.1738	17.50	0.0562
Middle		1	0	22.43	0.1750	17.53	0.0566
Highest		1	0	22.40	0.1738	17.50	0.0562
Limit	ERP < 7W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -8.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	22.62	0.1828	11.77	0.0150
Middle		3	1	22.68	0.1854	11.83	0.0152
Highest		3	1	22.97	0.1982	12.12	0.0163
Lowest	16QAM	1	3	21.70	0.1479	10.85	0.0122
Middle		1	3	22.00	0.1585	11.15	0.0130
Highest		1	3	22.34	0.1714	11.49	0.0141
Lowest	64QAM	1	3	21.55	0.1429	10.70	0.0117
Middle		1	3	21.92	0.1556	11.07	0.0128
Highest		1	3	22.14	0.1637	11.29	0.0135
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -8.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.79	0.1901	11.94	0.0156
Middle		1	0	22.93	0.1963	12.08	0.0161
Highest		1	0	23.23	0.2104	12.38	0.0173
Lowest	16QAM	1	8	22.09	0.1618	11.24	0.0133
Middle		1	8	22.34	0.1714	11.49	0.0141
Highest		1	8	22.58	0.1811	11.73	0.0149
Lowest	64QAM	1	14	21.06	0.1276	10.21	0.0105
Middle		1	14	21.23	0.1327	10.38	0.0109
Highest		1	14	21.57	0.1435	10.72	0.0118
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -8.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.84	0.1923	11.99	0.0158
Middle		1	24	23.14	0.2061	12.29	0.0169
Highest		1	24	23.22	0.2099	12.37	0.0173
Lowest	16QAM	1	24	22.13	0.1633	11.28	0.0134
Middle		1	24	22.44	0.1754	11.59	0.0144
Highest		1	24	22.56	0.1803	11.71	0.0148
Lowest	64QAM	1	12	21.10	0.1288	10.25	0.0106
Middle		1	12	21.26	0.1337	10.41	0.0110
Highest		1	12	21.50	0.1413	10.65	0.0116
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -8.7 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.81	0.1910	11.96	0.0157
Middle		1	0	23.03	0.2009	12.18	0.0165
Highest		1	0	23.24	0.2109	12.39	0.0173
Lowest	16QAM	1	49	22.18	0.1652	11.33	0.0136
Middle		1	49	22.42	0.1746	11.57	0.0144
Highest		1	49	22.57	0.1807	11.72	0.0149
Lowest	64QAM	1	49	21.21	0.1321	10.36	0.0109
Middle		1	49	21.26	0.1337	10.41	0.0110
Highest		1	49	21.51	0.1416	10.66	0.0116
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -6.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.98	0.2500	15.43	0.0349
Middle		1	0	24.20	0.2630	15.65	0.0367
Highest		1	0	24.22	0.2642	15.67	0.0369
Lowest	16QAM	1	0	23.11	0.2046	14.56	0.0286
Middle		1	0	23.37	0.2173	14.82	0.0303
Highest		1	0	23.50	0.2239	14.95	0.0313
Lowest	64QAM	1	0	22.09	0.1618	13.54	0.0226
Middle		1	0	22.35	0.1718	13.80	0.0240
Highest		1	0	22.49	0.1774	13.94	0.0248
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -6.4 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.23	0.2649	15.68	0.0370
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	23.48	0.2228	14.93	0.0311
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	22.43	0.1750	13.88	0.0244
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -9.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.99	0.1991	11.74	0.0149
Middle		1	24	23.15	0.2065	11.90	0.0155
Highest		1	24	23.24	0.2109	11.99	0.0158
Lowest	16QAM	1	12	22.11	0.1626	10.86	0.0122
Middle		1	12	22.37	0.1726	11.12	0.0129
Highest		1	12	22.61	0.1824	11.36	0.0137
Lowest	64QAM	1	24	21.21	0.1321	9.96	0.0099
Middle		1	24	21.39	0.1377	10.14	0.0103
Highest		1	24	21.55	0.1429	10.30	0.0107
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -9.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.06	0.2023	11.81	0.0152
Middle		1	0	23.12	0.2051	11.87	0.0154
Highest		1	0	23.25	0.2113	12.00	0.0158
Lowest	16QAM	1	49	22.55	0.1799	11.30	0.0135
Middle		1	49	22.51	0.1782	11.26	0.0134
Highest		1	49	22.59	0.1816	11.34	0.0136
Lowest	64QAM	1	49	21.38	0.1374	10.13	0.0103
Middle		1	49	21.40	0.1380	10.15	0.0104
Highest		1	49	21.54	0.1426	10.29	0.0107
Limit	ERP < 3W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -2.75 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.22	0.2642	19.32	0.0855
Middle		3	1	23.95	0.2483	19.05	0.0804
Highest		3	1	23.83	0.2415	18.93	0.0782
Lowest	16QAM	1	3	23.48	0.2228	18.58	0.0721
Middle		1	3	23.28	0.2128	18.38	0.0689
Highest		1	3	23.23	0.2104	18.33	0.0681
Lowest	64QAM	1	3	22.42	0.1746	17.52	0.0565
Middle		1	3	22.22	0.1667	17.32	0.0540
Highest		1	3	22.07	0.1611	17.17	0.0521
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -2.75 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.46	0.2793	19.56	0.0904
Middle		1	0	24.31	0.2698	19.41	0.0873
Highest		1	0	24.17	0.2612	19.27	0.0845
Lowest	16QAM	1	0	23.48	0.2228	18.58	0.0721
Middle		1	0	23.38	0.2178	18.48	0.0705
Highest		1	0	23.42	0.2198	18.52	0.0711
Lowest	64QAM	1	8	22.42	0.1746	17.52	0.0565
Middle		1	8	22.32	0.1706	17.42	0.0552
Highest		1	8	22.38	0.1730	17.48	0.0560
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -2.75 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	24.45	0.2786	19.55	0.0902
Middle		1	24	24.24	0.2655	19.34	0.0859
Highest		1	24	24.15	0.2600	19.25	0.0841
Lowest	16QAM	1	12	23.38	0.2178	18.48	0.0705
Middle		1	12	23.39	0.2183	18.49	0.0706
Highest		1	12	23.50	0.2239	18.60	0.0724
Lowest	64QAM	1	0	22.47	0.1766	17.57	0.0571
Middle		1	0	22.37	0.1726	17.47	0.0558
Highest		1	0	22.49	0.1774	17.59	0.0574
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -2.75 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.44	0.2780	19.54	0.0899
Middle		1	0	24.43	0.2773	19.53	0.0897
Highest		1	0	24.24	0.2655	19.34	0.0859
Lowest	16QAM	1	25	23.37	0.2173	18.47	0.0703
Middle		1	25	23.38	0.2178	18.48	0.0705
Highest		1	25	23.43	0.2203	18.53	0.0713
Lowest	64QAM	1	0	22.37	0.1726	17.47	0.0558
Middle		1	0	22.34	0.1714	17.44	0.0555
Highest		1	0	22.50	0.1778	17.60	0.0575
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -2.75 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.35	0.2723	19.45	0.0881
Middle		1	0	24.50	0.2818	19.60	0.0912
Highest		1	0	24.33	0.2710	19.43	0.0877
Lowest	16QAM	1	74	23.35	0.2163	18.45	0.0700
Middle		1	74	23.50	0.2239	18.60	0.0724
Highest		1	74	23.38	0.2178	18.48	0.0705
Lowest	64QAM	1	0	22.46	0.1762	17.56	0.0570
Middle		1	0	22.38	0.1730	17.48	0.0560
Highest		1	0	22.35	0.1718	17.45	0.0556
Limit	ERP < 7W			Result		PASS	

**Radiated Spurious Emission**

<For LAT Antenna>

Part24E LTE Band 2

LTE Band 2/ 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	-42.12	-13	-29.12	-59.98	-52.43	1.97	12.28	H
	5555	-36.02	-13	-23.02	-57.3	-46.15	2.14	12.28	H
	9258	-44.69	-13	-31.69	-75.36	-54.57	2.21	12.09	H
	11111.5	-42.18	-13	-29.18	-75.54	-50.84	2.58	11.23	H
									H
									H
									H
	3700	-51.41	-13	-38.41	-68.67	-61.72	1.97	12.28	V
	5555	-38.40	-13	-25.40	-59.92	-48.53	2.14	12.28	V
	9258	-47.79	-13	-34.79	-77.4	-57.67	2.21	12.09	V
	11111.5	-44.53	-13	-31.53	-74.47	-53.19	2.58	11.23	V
									V
									V
									V



Middle	3742	-40.26	-13	-27.26	-57.97	-50.52	2.00	12.25	H
	5611	-50.18	-13	-37.18	-71.35	-60.41	2.13	12.36	H
	7487	-51.41	-13	-38.41	-76.83	-59.31	2.12	10.02	H
	11225.5	-43.52	-13	-30.52	-74.03	-52.20	2.49	11.17	H
									H
									H
									H
	3742	-48.21	-13	-35.21	-65.4	-58.47	2.00	12.25	V
	5611	-50.14	-13	-37.14	-71.5	-60.37	2.13	12.36	V
	7487	-52.59	-13	-39.59	-77.15	-60.49	2.12	10.02	V
	11225.5	-45.87	-13	-32.87	-76.06	-54.55	2.49	11.17	V
									V
									V
									V
Highest	3784	-39.50	-13	-26.50	-57.1	-49.71	2.02	12.23	H
	5674	-47.07	-13	-34.07	-68.27	-57.40	2.11	12.44	H
	11349	-43.47	-13	-30.47	-74.16	-52.17	2.39	11.09	H
									H
									H
									H
									H
	3784	-46.70	-13	-33.70	-63.84	-56.91	2.02	12.23	V
	5674	-50.83	-13	-37.83	-72.19	-61.16	2.11	12.44	V
	11349	-45.18	-13	-32.18	-75.67	-53.88	2.39	11.09	V
									V
									V
									V
									V

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

**Part22H LTE Band 5**

LTE Band 5 / 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	1648	-62.14	-13	-49.14	-74.66	-67.53	1.23	8.76	H
	2472	-59.51	-13	-46.51	-74.84	-66.40	1.44	10.48	H
	3296	-59.66	-13	-46.66	-76.73	-67.60	1.70	11.79	H
									H
									H
									H
									H
	1648	-64.89	-13	-51.89	-75.12	-70.28	1.23	8.76	V
	2472	-53.83	-13	-40.83	-68.55	-60.72	1.44	10.48	V
	3296	-60.16	-13	-47.16	-76.78	-68.10	1.70	11.79	V
									V
									V
									V
									V
Middle	1664	-55.70	-13	-42.70	-68.46	-61.14	1.23	8.82	H
	2496	-58.36	-13	-45.36	-73.57	-65.27	1.44	10.50	H
	3328	-59.10	-13	-46.10	-76.04	-67.11	1.73	11.88	H
									H
									H
									H
									H
	1664	-64.33	-13	-51.33	-74.67	-69.77	1.23	8.82	V
	2496	-59.99	-13	-46.99	-74.69	-66.90	1.44	10.50	V
	3328	-59.46	-13	-46.46	-75.94	-67.47	1.73	11.88	V
									V
									V
									V
									V



Highest	1680	-62.62	-13	-49.62	-75.61	-68.12	1.24	8.88	H
	2520	-54.03	-13	-41.03	-69.12	-60.96	1.44	10.52	H
	3360	-59.83	-13	-46.83	-76.7	-67.90	1.76	11.98	H
									H
									H
									H
									H
	1680	-65.28	-13	-52.28	-75.73	-70.78	1.24	8.88	V
	2520	-60.47	-13	-47.47	-75.16	-67.40	1.44	10.52	V
	3360	-60.29	-13	-47.29	-76.7	-68.36	1.76	11.98	V
									V
									V
									V
									V

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

**Part27M 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	-65.03	-25	-40.03	-56.59	-74.77	2.36	12.10	H
	7500	-53.58	-25	-28.58	-51.28	-61.46	2.12	10.00	H
	10008	-50.19	-25	-25.19	-51.71	-60.18	1.81	11.80	H
	12504	-53.28	-25	-28.28	-52.56	-64.03	2.55	13.30	H
	15011.5	-58.76	-25	-33.76	-61.12	-69.25	2.66	13.16	H
									H
									H
	5004	-60.88	-25	-35.88	-52.46	-70.62	2.36	12.10	V
	7500	-49.97	-25	-24.97	-46.83	-57.85	2.12	10.00	V
	10008	-44.38	-25	-19.38	-44.79	-54.37	1.81	11.80	V
	12504	-49.17	-25	-24.17	-47.82	-59.92	2.55	13.30	V
	15011.5	-54.26	-25	-29.26	-58.2	-64.75	2.66	13.16	V
									V
									V
Middle	5052	-60.56	-25	-35.56	-52.11	-70.33	2.34	12.11	H
	7584	-58.26	-25	-33.26	-55.69	-66.45	2.11	10.30	H
	10104	-52.42	-25	-27.42	-53.66	-62.30	1.96	11.84	H
	12636	-53.89	-25	-28.89	-53.46	-64.49	2.54	13.14	H
	15161	-59.45	-25	-34.45	-62.28	-70.78	2.58	13.91	H
									H
									H
	5052	-58.57	-25	-33.57	-50.11	-68.34	2.34	12.11	V
	7584	-53.16	-25	-28.16	-50.09	-61.35	2.11	10.30	V
	10104	-45.81	-25	-20.81	-46.09	-55.69	1.96	11.84	V
	12636	-51.03	-25	-26.03	-49.85	-61.63	2.54	13.14	V
	15161	-56.58	-25	-31.58	-60.35	-67.91	2.58	13.91	V
									V
									V



Highest	5100	-64.05	-25	-39.05	-55.57	-73.85	2.32	12.12	H
	7656	-52.71	-25	-27.71	-49.93	-61.16	2.11	10.56	H
	10200	-51.91	-25	-26.91	-52.92	-61.67	2.12	11.88	H
	12756	-54.40	-25	-29.40	-54.2	-64.86	2.53	12.99	H
	15310.5	-59.56	-25	-34.56	-62.85	-71.71	2.50	14.65	H
									H
									H
	5100	-64.63	-25	-39.63	-56.11	-74.43	2.32	12.12	V
	7656	-46.69	-25	-21.69	-43.49	-55.14	2.11	10.56	V
	10200	-46.27	-25	-21.27	-46.44	-56.03	2.12	11.88	V
	12756	-50.97	-25	-25.97	-49.94	-61.43	2.53	12.99	V
	15310.5	-55.89	-25	-30.89	-59.48	-68.04	2.50	14.65	V
									V
									V

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

**Part27H 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	1400	-63.14	-13.00	-50.14	-74.36	-67.58	1.15	7.74	H
	2096	-61.29	-13.00	-48.29	-76.33	-67.94	1.38	10.18	H
	2800	-60.52	-13.00	-47.52	-76.45	-67.66	1.45	10.74	H
									H
									H
									H
									H
	1400	-64.33	-13.00	-51.33	-74.77	-68.77	1.15	7.74	V
	2096	-62.09	-13.00	-49.09	-76.39	-68.74	1.38	10.18	V
	2800	-61.35	-13.00	-48.35	-76.91	-68.49	1.45	10.74	V
									V
									V
									V
									V
Middle	1406	-63.56	-13.00	-50.56	-74.79	-68.03	1.15	7.77	H
	2110	-61.18	-13.00	-48.18	-76.53	-67.84	1.38	10.19	H
	2812	-60.54	-13.00	-47.54	-76.55	-67.69	1.45	10.75	H
									H
									H
									H
									H
	1406	-64.44	-13.00	-51.44	-74.88	-68.91	1.15	7.77	V
	2110	-61.65	-13.00	-48.65	-76.27	-68.31	1.38	10.19	V
	2812	-61.01	-13.00	-48.01	-76.58	-68.16	1.45	10.75	V
									V
									V
									V
									V



Highest	1416	-63.50	-13.00	-50.50	-74.73	-68.01	1.15	7.81	H
	2120	-60.91	-13.00	-47.91	-76.26	-67.58	1.38	10.20	H
	2824	-60.73	-13.00	-47.73	-76.74	-67.89	1.45	10.76	H
									H
									H
									H
									H
	1416	-64.58	-13.00	-51.58	-75.02	-69.09	1.15	7.81	V
	2120	-61.78	-13.00	-48.78	-76.40	-68.45	1.38	10.20	V
	2824	-61.29	-13.00	-48.29	-76.86	-68.45	1.45	10.76	V
									V
									V
									V
									V
									V
									V

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

**Part27F 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	1560	-63.75	-42.15	-21.60	-75.55	-68.84	1.19	8.43	H
	2338	-60.27	-13	-47.27	-76.50	-67.08	1.41	10.37	H
	3118	-59.53	-13	-46.53	-76.76	-67.08	1.56	11.25	H
									H
									H
									H
									H
	1560	-64.97	-42.15	-22.82	-75.28	-70.06	1.19	8.43	V
	2338	-61.21	-13	-48.21	-76.54	-68.02	1.41	10.37	V
	3118	-60.39	-13	-47.39	-76.94	-67.94	1.56	11.25	V
									V
									V
									V
									V
Middle	1564	-63.53	-42.15	-21.38	-75.33	-68.63	1.19	8.44	H
	2346	-60.62	-13	-47.62	-76.75	-67.43	1.42	10.38	H
	3128	-59.67	-13	-46.67	-76.90	-67.24	1.56	11.28	H
									H
									H
									H
									H
	1564	-65.36	-42.15	-23.21	-75.67	-70.46	1.19	8.44	V
	2346	-61.45	-13	-48.45	-76.64	-68.26	1.42	10.38	V
	3128	-60.32	-13	-47.32	-76.87	-67.89	1.56	11.28	V
									V
									V
									V
									V



Highest	1569	-63.85	-42.15	-21.70	-75.66	-68.97	1.20	8.46	H
	2353	-60.62	-13	-47.62	-76.75	-67.44	1.42	10.38	H
	3138	-59.94	-13	-46.94	-77.24	-67.53	1.57	11.31	H
									H
									H
									H
									H
	1569	-65.37	-42.15	-23.22	-75.48	-70.49	1.20	8.46	V
	2353	-61.43	-13	-48.43	-76.62	-68.25	1.42	10.38	V
	3138	-60.47	-13	-47.47	-77.15	-68.06	1.57	11.31	V
									V
									V
									V
									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	1564	-63.87	-42.15	-21.72	-75.67	-68.97	1.19	8.44	H
	2346	-60.08	-13	-47.08	-76.21	-66.89	1.42	10.38	H
	3128	-59.50	-13	-46.50	-76.73	-67.07	1.56	11.28	H
									H
									H
									H
									H
	1564	-65.22	-42.15	-23.07	-75.53	-70.32	1.19	8.44	V
	2346	-61.52	-13	-48.52	-76.71	-68.33	1.42	10.38	V
	3128	-60.44	-13	-47.44	-76.99	-68.01	1.56	11.28	V
									V
									V
									V
									V

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

**Part27H LTE Band 17**

LTE Band 17 / 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	1408	-63.61	-13	-50.61	-74.84	-68.09	1.15	7.78	H
	2112	-61.13	-13	-48.13	-76.48	-67.79	1.38	10.19	H
	2816	-60.68	-13	-47.68	-76.69	-67.83	1.45	10.75	H
									H
									H
									H
									H
	1408	-64.46	-13	-51.46	-74.90	-68.94	1.15	7.78	V
	2112	-61.71	-13	-48.71	-76.33	-68.37	1.38	10.19	V
	2816	-61.26	-13	-48.26	-76.83	-68.41	1.45	10.75	V
									V
									V
									V
									V
Middle	1412	-63.67	-13	-50.67	-74.90	-68.16	1.15	7.80	H
	2118	-60.78	-13	-47.78	-76.13	-67.45	1.38	10.19	H
	2824	-60.93	-13	-47.93	-76.94	-68.09	1.45	10.76	H
									H
									H
									H
									H
	1412	-64.47	-13	-51.47	-74.91	-68.96	1.15	7.80	V
	2118	-61.63	-13	-48.63	-76.25	-68.30	1.38	10.19	V
	2824	-61.33	-13	-48.33	-76.90	-68.49	1.45	10.76	V
									V
									V
									V
									V



Highest	1416	-63.45	-13	-50.45	-74.68	-67.96	1.15	7.81	H
	2124	-60.90	-13	-47.90	-76.56	-67.57	1.38	10.20	H
	2832	-60.79	-13	-47.79	-76.88	-67.95	1.45	10.77	H
									H
									H
									H
									H
	1416	-64.73	-13	-51.73	-75.17	-69.24	1.15	7.81	V
	2124	-61.36	-13	-48.36	-76.30	-68.03	1.38	10.20	V
	2832	-61.18	-13	-48.18	-76.76	-68.34	1.45	10.77	V
									V
									V
									V
									V
									V
									V

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

**Part22H LTE Band 26**

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	1650	-63.17	-13	-50.17	-75.69	-68.56	1.23	8.77	H
	2475	-60.53	-13	-47.53	-75.86	-67.42	1.44	10.48	H
	3299	-59.59	-13	-46.59	-76.66	-67.53	1.71	11.80	H
									H
									H
									H
									H
	1650	-65.19	-13	-52.19	-75.42	-70.58	1.23	8.77	V
	2475	-61.81	-13	-48.81	-76.53	-68.70	1.44	10.48	V
	3299	-60.58	-13	-47.58	-77.2	-68.52	1.71	11.80	V
									V
									V
									V
									V
Middle	1660	-63.30	-13	-50.30	-76.06	-68.73	1.23	8.81	H
	2488	-58.42	-13	-45.42	-73.62	-65.32	1.44	10.49	H
	3319	-59.75	-13	-46.75	-76.76	-67.74	1.72	11.86	H
									H
									H
									H
									H
	1660	-65.96	-13	-52.96	-76.3	-71.39	1.23	8.81	V
	2488	-61.19	-13	-48.19	-75.88	-68.09	1.44	10.49	V
	3319	-60.40	-13	-47.40	-76.96	-68.39	1.72	11.86	V
									V
									V
									V
									V



Highest	1672	-62.93	-13	-49.93	-75.69	-68.40	1.24	8.85	H
	2504	-61.41	-13	-48.41	-76.56	-68.32	1.44	10.50	H
	3339	-59.57	-13	-46.57	-76.51	-67.60	1.74	11.92	H
									H
									H
									H
									H
	1672	-65.59	-13	-52.59	-75.93	-71.06	1.24	8.85	V
	2504	-62.03	-13	-49.03	-76.73	-68.94	1.44	10.50	V
	3339	-60.50	-13	-47.50	-76.98	-68.53	1.74	11.92	V
									V
									V
									V
									V
									V
									V

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

**Part27M_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	5148	-65.41	-25	-40.41	-56.91	-75.24	2.30	12.13	H
	7716	-44.51	-25	-19.51	-41.57	-53.17	2.11	10.78	H
	10284	-33.06	-25	-8.06	-33.84	-42.72	2.25	11.91	H
	12852	-54.60	-25	-29.60	-54.61	-64.96	2.52	12.88	H
									H
									H
									H
	5148	-67.26	-25	-42.26	-58.69	-77.09	2.30	12.13	V
	7716	-48.83	-25	-23.83	-45.47	-57.49	2.11	10.78	V
	10284	-42.09	-25	-17.09	-42.16	-51.75	2.25	11.91	V
	12852	-57.67	-25	-32.67	-56.75	-68.03	2.52	12.88	V
									V
									V
									V
Middle	5172	-63.96	-25	-38.96	-55.45	-73.80	2.29	12.13	H
	7764	-47.37	-25	-22.37	-44.32	-56.21	2.11	10.95	H
	10344	-40.81	-25	-15.81	-41.42	-50.40	2.34	11.94	H
	12936	-55.04	-25	-30.04	-55.22	-65.30	2.52	12.78	H
									H
									H
									H
	5172	-65.85	-25	-40.85	-57.26	-75.69	2.29	12.13	V
	7764	-49.93	-25	-24.93	-46.47	-58.77	2.11	10.95	V
	10344	-49.05	-25	-24.05	-49.02	-58.64	2.34	11.94	V
	12936	-57.50	-25	-32.50	-56.69	-67.76	2.52	12.78	V
									V
									V
									V
									V



Highest	5208	-63.46	-25	-38.46	-54.92	-73.33	2.27	12.14	H
	7800	-42.08	-25	-17.08	-38.94	-51.05	2.11	11.08	H
	10404	-42.77	-25	-17.77	-43.24	-52.29	2.44	11.96	H
	13008	-54.78	-25	-29.78	-55.1	-64.97	2.51	12.70	H
									H
									H
									H
	5208	-67.73	-25	-42.73	-59.08	-77.60	2.27	12.14	V
	7800	-44.72	-25	-19.72	-41.17	-53.69	2.11	11.08	V
	10404	-52.25	-25	-27.25	-52.16	-61.77	2.44	11.96	V
	13008	-59.04	-25	-34.04	-58.31	-69.23	2.51	12.70	V
									V
									V
									V
									V
									V

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

**Part27M_LTE Band 41**

LTE Band 41 / 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	4992	-64.54	-25	-39.54	-56.24	-74.29	2.35	12.10	H
	7488	-41.99	-25	-16.99	-39.55	-49.89	2.12	10.02	H
	9984	-30.26	-25	-5.26	-31.75	-40.25	1.81	11.80	H
	12492	-54.53	-25	-29.53	-53.8	-65.26	2.55	13.28	H
									H
									H
									H
	4992	-65.69	-25	-40.69	-57.35	-75.44	2.35	12.10	V
	7488	-48.60	-25	-23.60	-45.3	-56.50	2.12	10.02	V
	9984	-37.78	-25	-12.78	-38.19	-47.77	1.81	11.80	V
	12492	-56.14	-25	-31.14	-54.78	-66.87	2.55	13.28	V
									V
									V
									V
Middle	5172	-63.66	-25	-38.66	-55.15	-73.50	2.29	12.13	H
	7752	-45.83	-25	-20.83	-42.8	-54.62	2.11	10.91	H
	10332	-38.74	-25	-13.74	-39.39	-48.35	2.32	11.93	H
	12924	-54.22	-25	-29.22	-55.38	-64.50	2.52	12.79	H
									H
									H
									H
	5172	-65.22	-25	-40.22	-56.63	-75.06	2.29	12.13	V
	7752	-48.49	-25	-23.49	-45.5	-57.28	2.11	10.91	V
	10332	-46.46	-25	-21.46	-46.45	-56.07	2.32	11.93	V
	12924	-57.84	-25	-32.84	-57.01	-68.12	2.52	12.79	V
									V
									V
									V
									V



Highest	5340	-59.81	-25	-34.81	-51.33	-69.76	2.22	12.17	H
	8016	-36.60	-25	-11.60	-35.75	-46.31	2.11	11.83	H
	10680	-30.07	-25	-5.07	-30.11	-39.20	2.62	11.75	H
	13356	-48.91	-25	-23.91	-49.96	-59.08	2.53	12.70	H
	16024	-53.31	-25	-28.31	-57.9	-68.02	2.56	17.28	H
									H
									H
	5340	-65.25	-25	-40.25	-56.92	-75.20	2.22	12.17	V
	8016	-40.50	-25	-15.50	-39.13	-50.21	2.11	11.83	V
	10680	-40.54	-25	-15.54	-40.12	-49.67	2.62	11.75	V
	13356	-52.11	-25	-27.11	-52.41	-62.28	2.53	12.70	V
	16024	-57.40	-25	-32.40	-60.81	-72.11	2.56	17.28	V
									V
									V

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

**Part27L LTE Band 4**

LTE Band 4 / 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	-57.46	-13	-44.46	-74.3	-67.82	1.80	12.16	H
	5135	-55.23	-13	-42.23	-75.85	-65.05	2.30	12.13	H
	8558	-48.38	-13	-35.38	-76.79	-58.79	2.16	12.58	H
									H
									H
									H
									H
	3420	-51.24	-13	-38.24	-67.61	-61.60	1.80	12.16	V
	5135	-53.34	-13	-40.34	-73.9	-63.16	2.30	12.13	V
	8558	-47.89	-13	-34.89	-75.68	-58.30	2.16	12.58	V
									V
									V
									V
									V
Middle	3448	-59.41	-13	-46.41	-76.42	-69.83	1.83	12.24	H
	5170	-55.59	-13	-42.59	-76.23	-65.43	2.29	12.13	H
	8621	-48.18	-13	-35.18	-77.01	-58.55	2.18	12.55	H
									H
									H
									H
									H
	3448	-56.39	-13	-43.39	-72.93	-66.81	1.83	12.24	V
	5170	-51.85	-13	-38.85	-72.41	-61.69	2.29	12.13	V
	8621	-47.68	-13	-34.68	-75.76	-58.05	2.18	12.55	V
									V
									V
									V
									V



Highest	3469	-55.98	-13	-42.98	-73.34	-66.44	1.84	12.31	H
	5205	-54.12	-13	-41.12	-74.78	-63.99	2.28	12.14	H
	6941	-55.07	-13	-42.07	-76.98	-63.63	2.40	10.96	H
									H
									H
									H
									H
	3469	-48.09	-13	-35.09	-64.99	-58.55	1.84	12.31	V
	5205	-48.90	-13	-35.90	-69.45	-58.77	2.28	12.14	V
	6941	-54.37	-13	-41.37	-77.32	-62.93	2.40	10.96	V
									V
									V
									V
									V
									V
									V

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

**Part22H_LTE Band CA-5B**

LTE Band CA_5B / 10MHz + 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	1648	-62.74	-13	-49.74	-75.26	-68.13	1.23	8.76	H
	2472	-51.00	-13	-38.00	-66.33	-57.89	1.44	10.48	H
	3296	-59.30	-13	-46.30	-76.37	-67.24	1.70	11.79	H
									H
									H
									H
									H
	1648	-65.06	-13	-52.06	-75.29	-70.45	1.23	8.76	V
	2472	-51.19	-13	-38.19	-65.91	-58.08	1.44	10.48	V
	3296	-59.87	-13	-46.87	-76.49	-67.81	1.70	11.79	V
									V
									V
									V
									V
Middle	1672	-62.12	-13	-49.12	-74.88	-67.59	1.24	8.85	H
	2512	-58.19	-13	-45.19	-73.34	-65.11	1.44	10.51	H
	3344	-59.57	-13	-46.57	-76.51	-67.61	1.74	11.93	H
									H
									H
									H
									H
	1672	-64.72	-13	-51.72	-75.06	-70.19	1.24	8.85	V
	2512	-55.86	-13	-42.86	-70.56	-62.78	1.44	10.51	V
	3344	-60.08	-13	-47.08	-76.56	-68.12	1.74	11.93	V
									V
									V
									V
									V



Highest	1680	-62.48	-13	-49.48	-75.47	-67.98	1.24	8.88	H
	2520	-53.65	-13	-40.65	-68.74	-60.58	1.44	10.52	H
	3360	-59.53	-13	-46.53	-76.4	-67.60	1.76	11.98	H
									H
									H
									H
									H
	1680	-64.88	-13	-51.88	-75.33	-70.38	1.24	8.88	V
	2520	-53.21	-13	-40.21	-67.9	-60.14	1.44	10.52	V
	3360	-60.08	-13	-47.08	-76.49	-68.15	1.76	11.98	V
									V
									V
									V
									V

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

**Part27M LTE Band CA-7C**

LTE Band CA_7C / 20MHz + 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	-57.29	-25	-32.29	-48.85	-67.03	2.36	12.10	H
	7500	-50.73	-25	-25.73	-48.42	-58.61	2.12	10.00	H
	10008	-49.49	-25	-24.49	-51.01	-59.48	1.81	11.80	H
	12504	-49.68	-25	-24.68	-48.96	-60.43	2.55	13.30	H
	15012	-55.60	-25	-30.60	-57.96	-66.10	2.66	13.16	H
	17507	-53.86	-25	-28.86	-64.42	-64.17	2.33	12.64	H
									H
	5004	-50.18	-25	-25.18	-41.76	-59.92	2.36	12.10	V
	7500	-49.79	-25	-24.79	-46.65	-57.67	2.12	10.00	V
	10008	-46.13	-25	-21.13	-46.54	-56.12	1.81	11.80	V
	12504	-46.35	-25	-21.35	-45	-57.10	2.55	13.30	V
	15012	-52.27	-25	-27.27	-56.21	-62.77	2.66	13.16	V
	17507	-49.02	-25	-24.02	-60.86	-59.33	2.33	12.64	V
									V
Middle	5052	-59.93	-25	-34.93	-51.48	-69.70	2.34	12.11	H
	7572	-58.66	-25	-33.66	-56.09	-66.80	2.11	10.26	H
	10104	-54.26	-25	-29.26	-55.5	-64.14	1.96	11.84	H
	12624	-58.86	-25	-33.86	-58.4	-69.47	2.54	13.15	H
									H
									H
									H
	5052	-53.25	-25	-28.25	44.79	-63.02	2.34	12.11	V
	7572	-55.58	-25	-30.58	-52.51	-63.72	2.11	10.26	V
	10104	-49.84	-25	-24.84	-50.12	-59.72	1.96	11.84	V
	12624	-58.14	-25	-33.14	-56.95	-68.75	2.54	13.15	V
									V
									V
									V



Highest	5100	-60.81	-25	-35.81	-52.33	-70.61	2.32	12.12	H
	7656	-53.32	-25	-28.32	-50.54	-61.77	2.11	10.56	H
	10200	-56.26	-25	-31.26	-57.27	-66.02	2.12	11.88	H
	12750	-60.00	-25	-35.00	-59.79	-70.47	2.53	13.00	H
									H
									H
									H
	5100	-54.82	-25	-29.82	-46.3	-64.62	2.32	12.12	V
	7656	-51.07	-25	-26.07	-47.87	-59.52	2.11	10.56	V
	10200	-53.12	-25	-28.12	-53.29	-62.88	2.12	11.88	V
	12750	-59.30	-25	-34.30	-58.27	-69.77	2.53	13.00	V
									V
									V
									V
									V
									V

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

**Part24E Part22H LTE Band CA-2A-5A**

LTE Band CA_2A-5A / 20MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	ERP/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)
Highest	1680	-61.48	-13	-48.48	-74.47	-66.98	1.24	8.88	H
	2517	-60.09	-13	-47.09	-75.24	-67.01	1.44	10.51	H
	3356	-59.54	-13	-46.54	-76.4	-67.61	1.75	11.97	H
	3784	-40.08	-13	-27.08	-57.68	-50.29	2.02	12.23	H
	5674	-45.18	-13	-32.18	-66.38	-55.51	2.11	12.44	H
	7560	-51.37	-13	-38.37	-76.76	-59.47	2.11	10.22	H
									H
	1680	-64.35	-13	-51.35	-74.8	-69.85	1.24	8.88	V
	2517	-60.79	-13	-47.79	-75.49	-67.71	1.44	10.51	V
	3356	-59.87	-13	-46.87	-76.27	-67.94	1.75	11.97	V
	3784	-50.53	-13	-37.53	-67.67	-60.74	2.02	12.23	V
	5674	-47.54	-13	-34.54	-68.9	-57.87	2.11	12.44	V
	7560	-51.69	-13	-38.69	-76.5	-59.79	2.11	10.22	V
									V

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

**Part24E Part27H LTE Band CA-2A-12A**

LTE Band CA_2A_12A / 20MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	ERP/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)
Highest	1416	-62.82	-13.00	-49.82	-74.05	-67.33	1.15	7.81	H
	2120	-60.04	-13.00	-47.04	-75.39	-66.71	1.38	10.20	H
	2824	-59.63	-13.00	-46.63	-75.64	-66.79	1.45	10.76	H
	3784	-47.27	-13	-34.27	-64.84	-57.48	2.02	12.23	H
	5674	-30.10	-13	-17.10	-51.3	-40.43	2.11	12.44	H
	7560	-51.26	-13	-38.26	-76.65	-59.36	2.11	10.22	H
									H
	1416	-63.34	-13.00	-50.34	-73.78	-67.85	1.15	7.81	V
	2120	-61.02	-13.00	-48.02	-75.64	-67.69	1.38	10.20	V
	2824	-59.91	-13.00	-46.91	-75.48	-67.07	1.45	10.76	V
	3784	-42.70	-13	-29.70	-59.84	-52.91	2.02	12.23	V
	5674	-33.08	-13	-20.08	-54.44	-43.41	2.11	12.44	V
	7560	-52.01	-13	-39.01	-76.82	-60.11	2.11	10.22	V
									V

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

**Part27L Part22H LTE Band CA-4A-5A**

LTE Band CA_4A-5A / 20MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	ERP/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)
Highest	1680	-61.83	-13	-48.83	-74.82	-67.33	1.24	8.88	H
	2517	-60.65	-13	-47.65	-75.8	-67.57	1.44	10.51	H
	3352	-59.15	-13	-46.15	-76.01	-67.21	1.75	11.96	H
	3476	-48.77	-13	-35.77	-66.13	-59.25	1.85	12.33	H
	5212	-50.51	-13	-37.51	-71.17	-60.38	2.27	12.14	H
	6941	-52.84	-13	-39.84	-76.75	-61.40	2.40	10.96	H
									H
	1680	-64.37	-13	-51.37	-74.82	-69.87	1.24	8.88	V
	2517	-61.20	-13	-48.20	-75.9	-68.12	1.44	10.51	V
	3352	-59.62	-13	-46.62	-76.02	-67.68	1.75	11.96	V
	3476	-56.24	-13	-43.24	-73.14	-66.72	1.85	12.33	V
	5212	-56.49	-13	-43.49	-77.04	-66.36	2.27	12.14	V
	6941	-53.49	-13	-40.49	-76.44	-62.05	2.40	10.96	V
									V

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

**Part27L Part27H LTE Band CA-4A-12A**

LTE Band CA_4A-12A / 20MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	ERP/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)
Highest	1416	-62.75	-13.00	-49.75	-73.98	-67.26	1.15	7.81	H
	2120	-59.68	-13.00	-46.68	-75.03	-66.35	1.38	10.20	H
	2824	-59.74	-13.00	-46.74	-75.75	-66.90	1.45	10.76	H
	3476	-55.56	-13	-42.56	-72.92	-66.04	1.85	12.33	H
	5212	-49.23	-13	-36.23	-69.89	-59.10	2.27	12.14	H
	6952	-52.67	-13	-39.67	-76.58	-61.21	2.40	10.95	H
									H
	1416	-63.83	-13.00	-50.83	-74.27	-68.34	1.15	7.81	V
	2120	-60.74	-13.00	-47.74	-75.36	-67.41	1.38	10.20	V
	2824	-60.59	-13.00	-47.59	-76.16	-67.75	1.45	10.76	V
	3476	-59.62	-13	-46.62	-76.52	-70.10	1.85	12.33	V
	5212	-52.31	-13	-39.31	-72.86	-62.18	2.27	12.14	V
	6952	-53.54	-13	-40.54	-76.49	-62.08	2.40	10.95	V
									V

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



<For UAT Antenna>

Part22H LTE Band 5

LTE Band 5 / 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	1648	-62.19	-13	-49.19	-74.71	-67.58	1.23	8.76	H
	2472	-58.93	-13	-45.93	-74.26	-65.82	1.44	10.48	H
	3296	-59.43	-13	-46.43	-76.5	-67.37	1.70	11.79	H
									H
									H
									H
									H
	1648	-63.90	-13	-50.90	-74.13	-69.29	1.23	8.76	V
	2472	-60.74	-13	-47.74	-75.46	-67.63	1.44	10.48	V
	3296	-59.95	-13	-46.95	-76.57	-67.89	1.70	11.79	V
									V
									V
									V
									V



Middle	1664	-61.30	-13	-48.30	-74.06	-66.74	1.23	8.82	H
	2496	-59.94	-13	-46.94	-75.15	-66.85	1.44	10.50	H
	3328	-59.60	-13	-46.60	-76.54	-67.61	1.73	11.88	H
									H
									H
									H
									H
	1664	-63.83	-13	-50.83	-74.17	-69.27	1.23	8.82	V
	2496	-60.37	-13	-47.37	-75.07	-67.28	1.44	10.50	V
	3328	-59.65	-13	-46.65	-76.13	-67.66	1.73	11.88	V
									V
									V
									V
									V
Highest	1680	-60.91	-13	-47.91	-73.9	-66.41	1.24	8.88	H
	2520	-59.62	-13	-46.62	-74.71	-66.55	1.44	10.52	H
	3360	-59.47	-13	-46.47	-76.34	-67.54	1.76	11.98	H
									H
									H
									H
									H
	1680	-64.09	-13	-51.09	-74.54	-69.59	1.24	8.88	V
	2520	-60.80	-13	-47.80	-75.49	-67.73	1.44	10.52	V
	3360	-60.17	-13	-47.17	-76.58	-68.24	1.76	11.98	V
									V
									V
									V
									V

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

**Part27H 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	1400	-63.87	-13.00	-50.87	-75.09	-68.31	1.15	7.74	H
	2096	-61.53	-13.00	-48.53	-76.57	-68.18	1.38	10.18	H
	2800	-61.03	-13.00	-48.03	-76.96	-68.17	1.45	10.74	H
									H
									H
									H
									H
	1400	-64.54	-13.00	-51.54	-74.98	-68.98	1.15	7.74	V
	2096	-62.29	-13.00	-49.29	-76.59	-68.94	1.38	10.18	V
	2800	-61.30	-13.00	-48.30	-76.86	-68.44	1.45	10.74	V
									V
									V
									V
									V
Middle	1406	-63.69	-13.00	-50.69	-74.92	-68.16	1.15	7.77	H
	2110	-61.14	-13.00	-48.14	-76.49	-67.80	1.38	10.19	H
	2812	-60.76	-13.00	-47.76	-76.77	-67.91	1.45	10.75	H
									H
									H
									H
									H
	1406	-64.67	-13.00	-51.67	-75.11	-69.14	1.15	7.77	V
	2110	-62.00	-13.00	-49.00	-76.62	-68.66	1.38	10.19	V
	2812	-61.26	-13.00	-48.26	-76.83	-68.41	1.45	10.75	V
									V
									V
									V
									V



Highest	1416	-63.59	-13.00	-50.59	-74.82	-68.10	1.15	7.81	H
	2120	-60.77	-13.00	-47.77	-76.12	-67.44	1.38	10.20	H
	2824	-60.90	-13.00	-47.90	-76.91	-68.06	1.45	10.76	H
									H
									H
									H
									H
	1416	-64.48	-13.00	-51.48	-74.92	-68.99	1.15	7.81	V
	2120	-61.61	-13.00	-48.61	-76.23	-68.28	1.38	10.20	V
	2824	-61.38	-13.00	-48.38	-76.95	-68.54	1.45	10.76	V
									V
									V
									V
									V
									V

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

**Part27F 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	1560	-63.33	-42.15	-21.18	-75.13	-68.42	1.19	8.43	H
	2336	-60.26	-13	-47.26	-76.49	-67.07	1.41	10.37	H
	3113	-59.13	-13	-46.13	-76.36	-66.67	1.55	11.24	H
									H
									H
									H
									H
	1560	-65.04	-42.15	-22.89	-75.35	-70.13	1.19	8.43	V
	2336	-61.19	-13	-48.19	-76.52	-68.00	1.41	10.37	V
	3113	-60.50	-13	-47.50	-77.05	-68.04	1.55	11.24	V
									V
									V
									V
									V
Middle	1560	-62.96	-42.15	-20.81	-74.76	-68.05	1.19	8.43	H
	2344	-60.02	-13	-47.02	-76.15	-66.83	1.42	10.38	H
	3120	-59.24	-13	-46.24	-76.47	-66.79	1.56	11.26	H
									H
									H
									H
									H
	1560	-64.79	-42.15	-22.64	-75.10	-69.88	1.19	8.43	V
	2344	-61.12	-13	-48.12	-76.31	-67.93	1.42	10.38	V
	3120	-60.15	-13	-47.15	-76.70	-67.70	1.56	11.26	V
									V
									V
									V
									V



Highest	1566	-63.73	-42.15	-21.58	-75.53	-68.84	1.20	8.45	H
	2352	-60.20	-13	-47.20	-76.33	-67.02	1.42	10.38	H
	3133	-59.65	-13	-46.65	-76.95	-67.23	1.57	11.30	H
									H
									H
									H
									H
	1566	-63.98	-42.15	-21.83	-74.29	-69.09	1.20	8.45	V
	2352	-48.22	-13	-35.22	-63.41	-55.04	1.42	10.38	V
	3133	-60.38	-13	-47.38	-77.06	-67.96	1.57	11.30	V
									V
									V
									V
									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	1560	-63.50	-42.15	-21.35	-75.3	-68.59	1.19	8.43	H
	2339	-60.27	-13	-47.27	-76.5	-67.08	1.41	10.37	H
	3119	-59.24	-13	-46.24	-76.47	-66.79	1.56	11.26	H
									H
									H
									H
									H
	1560	-64.66	-42.15	-22.51	-74.97	-69.75	1.19	8.43	V
	2339	-60.97	-13	-47.97	-76.3	-67.78	1.41	10.37	V
	3119	-60.23	-13	-47.23	-76.78	-67.78	1.56	11.26	V
									V
									V
									V
									V

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

**Part27H LTE Band 17**

LTE Band 17 / 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	1408	-63.92	-13	-50.92	-75.15	-68.40	1.15	7.78	H
	2112	-61.12	-13	-48.12	-76.47	-67.78	1.38	10.19	H
	2816	-60.87	-13	-47.87	-76.88	-68.02	1.45	10.75	H
									H
									H
									H
									H
	1408	-64.58	-13	-51.58	-75.02	-69.06	1.15	7.78	V
	2112	-58.24	-13	-45.24	-72.86	-64.90	1.38	10.19	V
	2816	-61.08	-13	-48.08	-76.65	-68.23	1.45	10.75	V
									V
									V
									V
									V
Middle	1412	-63.90	-13	-50.90	-75.13	-68.39	1.15	7.80	H
	2118	-60.81	-13	-47.81	-76.16	-67.48	1.38	10.19	H
	2824	-60.93	-13	-47.93	-76.94	-68.09	1.45	10.76	H
									H
									H
									H
									H
	1412	-64.75	-13	-51.75	-75.19	-69.24	1.15	7.80	V
	2118	-51.14	-13	-38.14	-65.76	-57.81	1.38	10.19	V
	2824	-61.39	-13	-48.39	-76.96	-68.55	1.45	10.76	V
									V
									V
									V
									V



Highest	1416	-63.79	-13	-50.79	-75.02	-68.30	1.15	7.81	H
	2124	-61.00	-13	-48.00	-76.66	-67.67	1.38	10.20	H
	2832	-60.81	-13	-47.81	-76.90	-67.97	1.45	10.77	H
									H
									H
									H
									H
	1416	-64.49	-13	-51.49	-74.93	-69.00	1.15	7.81	V
	2124	-61.71	-13	-48.71	-76.65	-68.38	1.38	10.20	V
	2832	-61.33	-13	-48.33	-76.91	-68.49	1.45	10.77	V
									V
									V
									V
									V
									V
									V

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

**Part22H LTE Band 26**

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	1650	-63.40	-13	-50.40	-75.92	-68.79	1.23	8.77	H
	2475	-60.87	-13	-47.87	-76.2	-67.76	1.44	10.48	H
	3299	-59.77	-13	-46.77	-76.84	-67.71	1.71	11.80	H
									H
									H
									H
									H
	1650	-65.77	-13	-52.77	-76	-71.16	1.23	8.77	V
	2475	-61.57	-13	-48.57	-76.29	-68.46	1.44	10.48	V
	3299	-60.10	-13	-47.10	-76.72	-68.04	1.71	11.80	V
									V
									V
									V
									V
Middle	1660	-62.03	-13	-49.03	-74.79	-67.46	1.23	8.81	H
	2490	-61.26	-13	-48.26	-76.46	-68.16	1.44	10.49	H
	3319	-59.99	-13	-46.99	-77	-67.98	1.72	11.86	H
									H
									H
									H
									H
	1660	-65.82	-13	-52.82	-76.13	-71.25	1.23	8.81	V
	2490	-61.73	-13	-48.73	-76.42	-68.63	1.44	10.49	V
	3319	-60.41	-13	-47.41	-76.97	-68.40	1.72	11.86	V
									V
									V
									V
									V



Highest	1672	-58.22	-13	-45.22	-70.98	-63.69	1.24	8.85	H
	2504	-55.13	-13	-42.13	-70.28	-62.04	1.44	10.50	H
	3339	-59.99	-13	-46.99	-76.93	-68.02	1.74	11.92	H
									H
									H
									H
									H
	1672	-62.45	-13	-49.45	-72.79	-67.92	1.24	8.85	V
	2504	-53.76	-13	-40.76	-68.46	-60.67	1.44	10.50	V
	3339	-60.40	-13	-47.40	-76.88	-68.43	1.74	11.92	V
									V
									V
									V
									V
									V
									V

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

**Part22H_LTE Band CA-5B**

LTE Band CA_5B / 10MHz + 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	1648	-59.96	-13	-46.96	-72.48	-65.35	1.23	8.76	H
	2472	-51.51	-13	-38.51	-66.84	-58.40	1.44	10.48	H
	3296	-59.45	-13	-46.45	-76.52	-67.39	1.70	11.79	H
									H
									H
									H
									H
	1648	-64.02	-13	-51.02	-74.25	-69.41	1.23	8.76	V
	2472	-50.31	-13	-37.31	-65.03	-57.20	1.44	10.48	V
	3296	-60.06	-13	-47.06	-76.68	-68.00	1.70	11.79	V
									V
									V
									V
									V
Middle	1672	-59.69	-13	-46.69	-72.45	-65.16	1.24	8.85	H
	2512	-55.70	-13	-42.70	-70.85	-62.62	1.44	10.51	H
	3344	-59.69	-13	-46.69	-76.63	-67.73	1.74	11.93	H
									H
									H
									H
									H
	1672	-62.50	-13	-49.50	-72.84	-67.97	1.24	8.85	V
	2512	-46.34	-13	-33.34	-61.04	-53.26	1.44	10.51	V
	3344	-59.81	-13	-46.81	-76.29	-67.85	1.74	11.93	V
									V
									V
									V
									V



Highest	1680	-60.64	-13	-47.64	-73.63	-66.14	1.24	8.88	H
	2520	-54.58	-13	-41.58	-69.67	-61.51	1.44	10.52	H
	3360	-59.34	-13	-46.34	-76.21	-67.41	1.76	11.98	H
									H
									H
									H
									H
	1680	-64.28	-13	-51.28	-74.73	-69.78	1.24	8.88	V
	2520	-46.01	-13	-33.01	-60.7	-52.94	1.44	10.52	V
	3360	-59.89	-13	-46.89	-76.3	-67.96	1.76	11.98	V
									V
									V
									V
									V

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