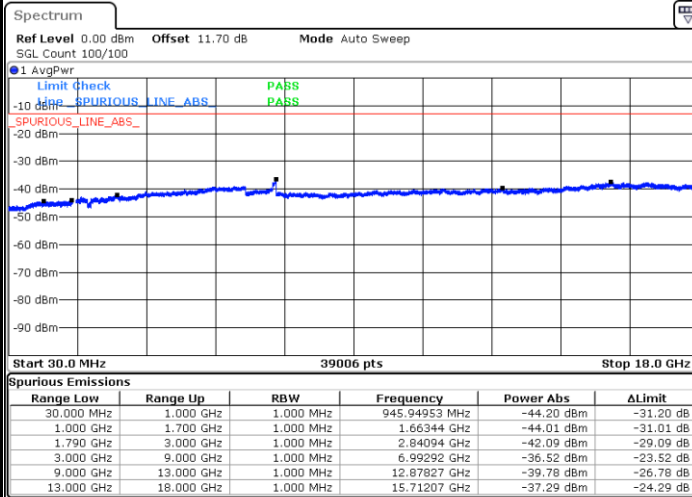




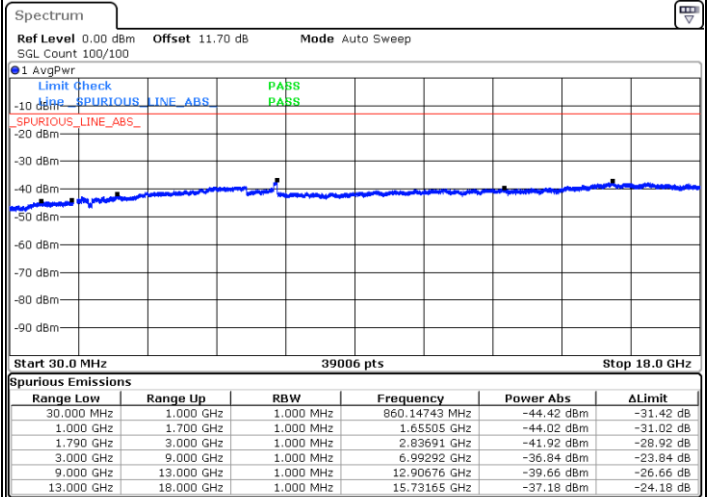
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



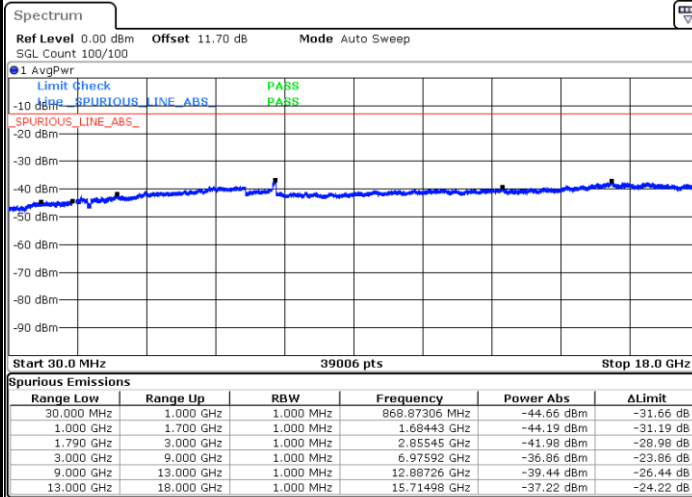
Date: 29.JAN.2020 14:58:06

Middle Channel / 64QAM



Date: 29.JAN.2020 14:59:38

Highest Channel / 64QAM

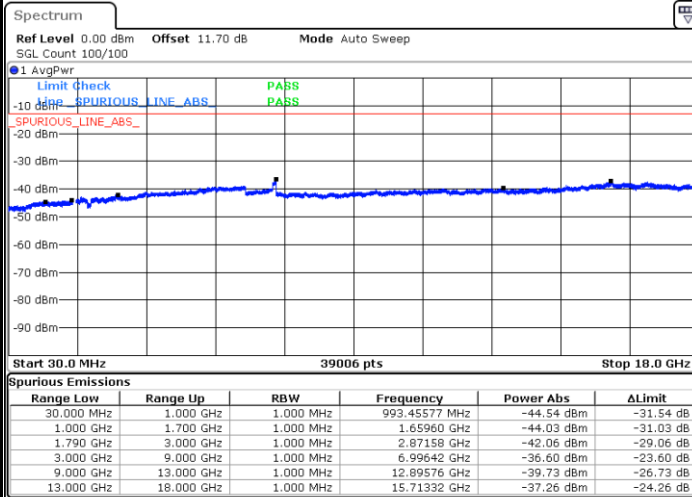


Date: 29.JAN.2020 15:03:18



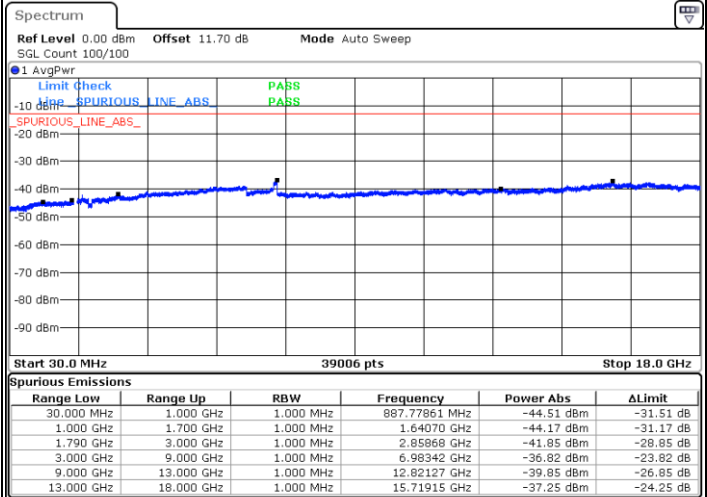
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



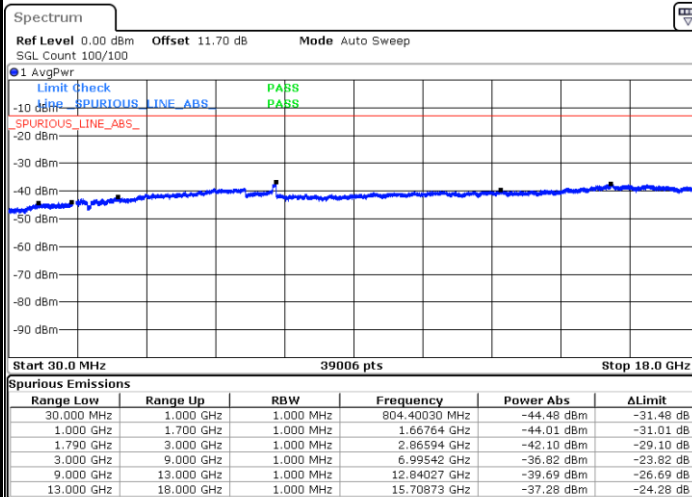
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Middle Channel / 64QAM



Date: 29.JAN.2020 15:27:46

Highest Channel / 64QAM

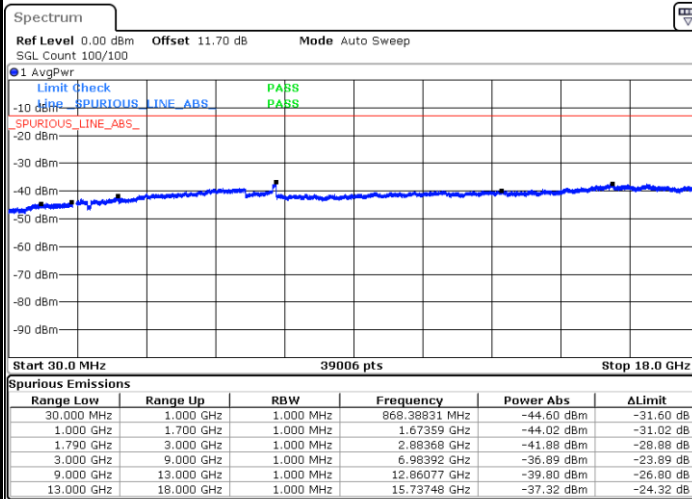


Date: 29.JAN.2020 15:31:20



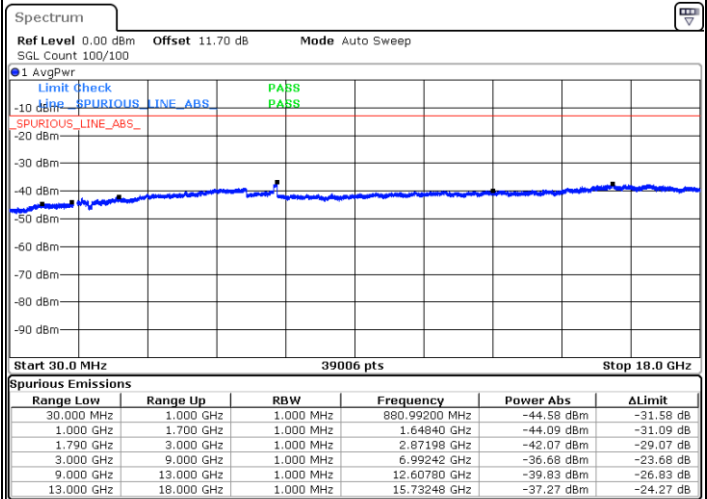
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



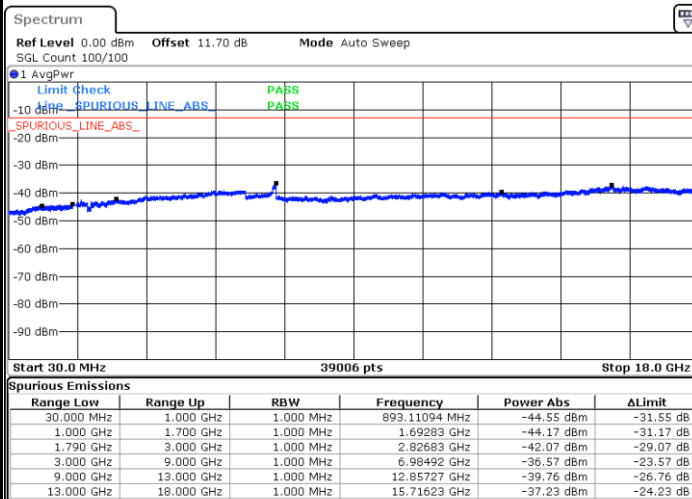
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Middle Channel / 64QAM



Date: 29.JAN.2020 15:36:29

Highest Channel / 64QAM

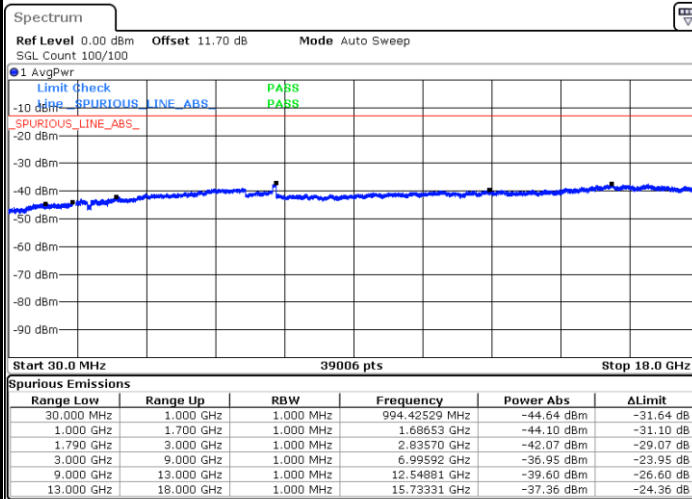


Date: 29.JAN.2020 15:40:03



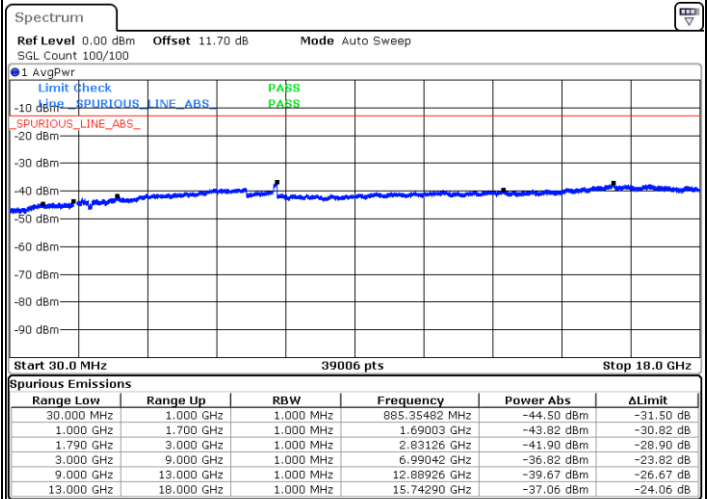
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



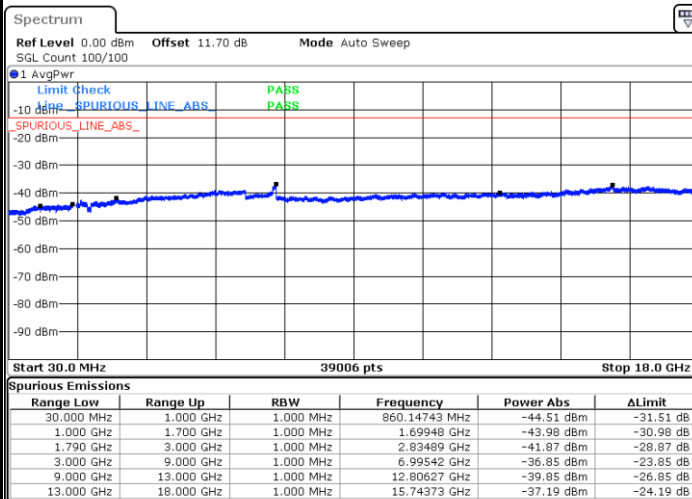
Date: 29.JAN.2020 16:18:22

Middle Channel / 64QAM



Date: 29.JAN.2020 16:19:55

Highest Channel / 64QAM

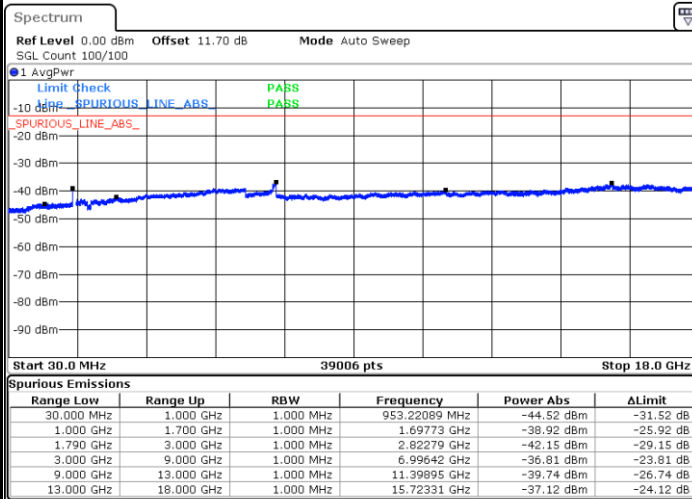


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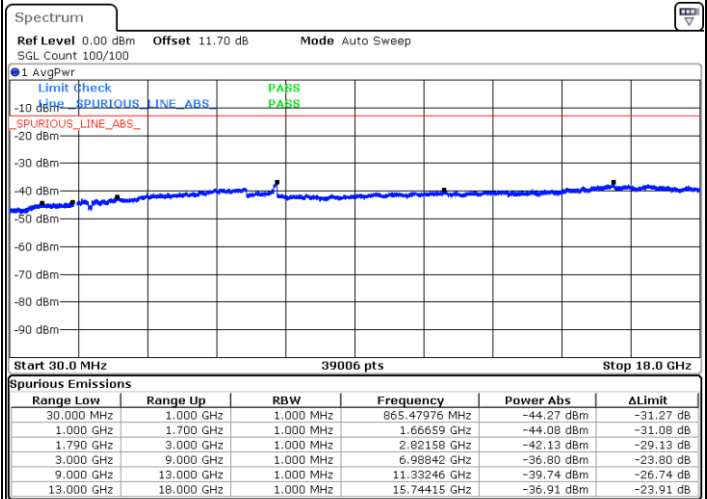
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



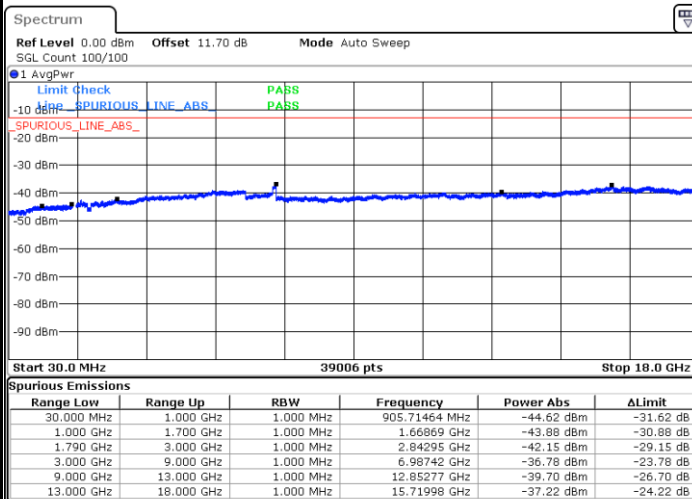
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Middle Channel / 64QAM



Date: 29.JAN.2020 16:28:37

Highest Channel / 64QAM

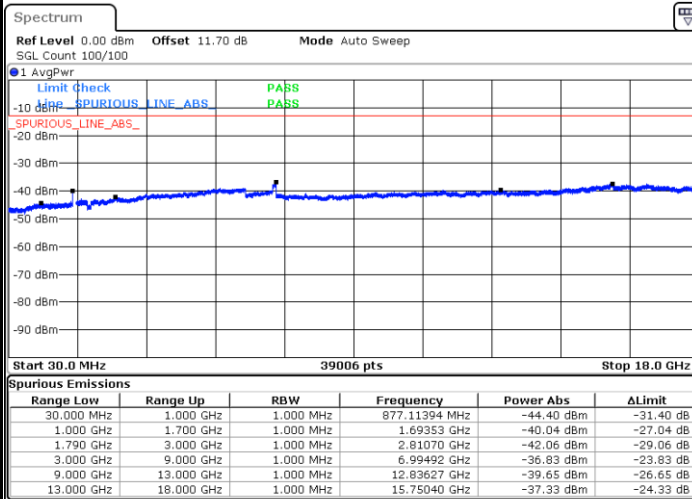


Date: 29.JAN.2020 16:32:10



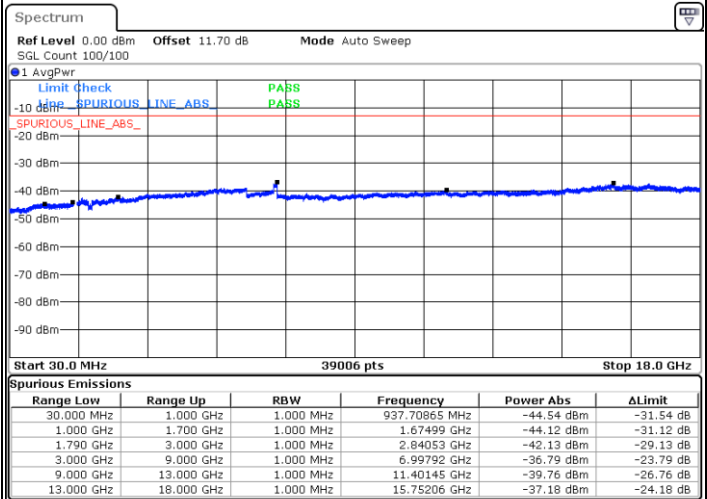
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



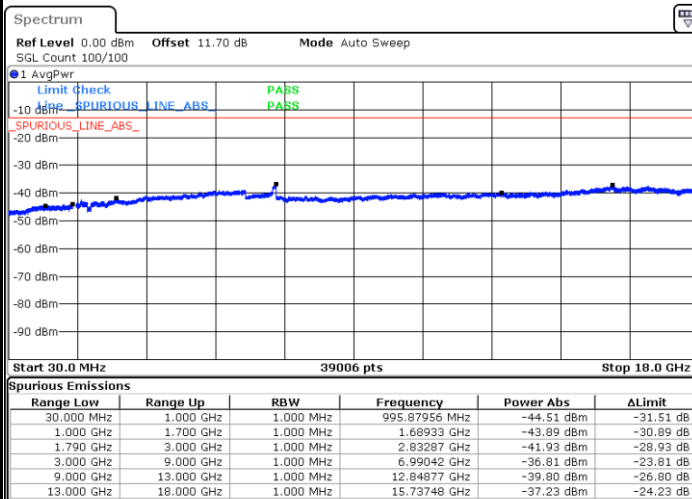
Date: 29.JAN.2020 17:10:31

Middle Channel / 64QAM



Date: 29.JAN.2020 17:12:03

Highest Channel / 64QAM



Date: 29.JAN.2020 17:15:37

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0054	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0060	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0030	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.25 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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

ERP/EIRP**<Main Antenna>**

LTE Band 2 / 1.4MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	23.89	0.2449	21.10	0.1288
Middle		1	3	24.03	0.2529	21.24	0.1330
Highest		1	3	24.17	0.2612	21.38	0.1374
Lowest	16QAM	1	3	22.76	0.1888	19.97	0.0993
Middle		1	3	22.82	0.1914	20.03	0.1007
Highest		1	3	22.98	0.1986	20.19	0.1045
Lowest	64QAM	1	3	21.70	0.1479	18.91	0.0778
Middle		1	3	21.78	0.1507	18.99	0.0793
Highest		1	3	21.93	0.1560	19.14	0.0820
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.98	0.2500	21.19	0.1315
Middle		1	8	24.04	0.2535	21.25	0.1334
Highest		1	8	24.24	0.2655	21.45	0.1396
Lowest	16QAM	1	14	22.75	0.1884	19.96	0.0991
Middle		1	14	22.88	0.1941	20.09	0.1021
Highest		1	14	23.03	0.2009	20.24	0.1057
Lowest	64QAM	1	8	21.76	0.1500	18.97	0.0789
Middle		1	8	21.82	0.1521	19.03	0.0800
Highest		1	8	21.98	0.1578	19.19	0.0830
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.94	0.2477	21.15	0.1303
Middle		1	12	24.01	0.2518	21.22	0.1324
Highest		1	12	24.18	0.2618	21.39	0.1377
Lowest	16QAM	1	24	22.78	0.1897	19.99	0.0998
Middle		1	24	22.89	0.1945	20.10	0.1023
Highest		1	24	23.02	0.2004	20.23	0.1054
Lowest	64QAM	1	24	21.70	0.1479	18.91	0.0778
Middle		1	24	21.82	0.1521	19.03	0.0800
Highest		1	24	21.90	0.1549	19.11	0.0815
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.88	0.2443	21.09	0.1285
Middle		1	49	23.97	0.2495	21.18	0.1312
Highest		1	49	24.11	0.2576	21.32	0.1355
Lowest	16QAM	1	25	22.76	0.1888	19.97	0.0993
Middle		1	25	22.88	0.1941	20.09	0.1021
Highest		1	25	22.97	0.1982	20.18	0.1042
Lowest	64QAM	1	25	21.68	0.1472	18.89	0.0774
Middle		1	25	21.79	0.1510	19.00	0.0794
Highest		1	25	21.91	0.1552	19.12	0.0817
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	24.13	0.2588	21.34	0.1361
Middle		1	37	24.20	0.2630	21.41	0.1384
Highest		1	37	24.31	0.2698	21.52	0.1419
Lowest	16QAM	1	0	23.02	0.2004	20.23	0.1054
Middle		1	0	23.10	0.2042	20.31	0.1074
Highest		1	0	23.22	0.2099	20.43	0.1104
Lowest	64QAM	1	74	22.05	0.1603	19.26	0.0843
Middle		1	74	22.03	0.1596	19.24	0.0839
Highest		1	74	21.93	0.1560	19.14	0.0820
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.16	0.2606	21.37	0.1371
Middle		1	0	24.23	0.2649	21.44	0.1393
Highest		1	0	24.32	0.2704	21.53	0.1422
Lowest	16QAM	1	0	23.07	0.2028	20.28	0.1067
Middle		1	0	23.06	0.2023	20.27	0.1064
Highest		1	0	23.13	0.2056	20.34	0.1081
Lowest	64QAM	1	99	21.86	0.1535	19.07	0.0807
Middle		1	99	22.06	0.1607	19.27	0.0845
Highest		1	99	22.02	0.1592	19.23	0.0838
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	24.00	0.2512	21.21	0.1321
Middle		1	3	24.05	0.2541	21.26	0.1337
Highest		1	3	22.81	0.1910	20.02	0.1005
Lowest	16QAM	1	3	22.83	0.1919	20.04	0.1009
Middle		1	3	22.85	0.1928	20.06	0.1014
Highest		1	3	22.20	0.1660	19.41	0.0873
Lowest	64QAM	1	3	21.78	0.1507	18.99	0.0793
Middle		1	3	21.83	0.1524	19.04	0.0802
Highest		1	3	20.51	0.1125	17.72	0.0592
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.96	0.2489	21.17	0.1309
Middle		1	0	23.92	0.2466	21.13	0.1297
Highest		1	0	24.15	0.2600	21.36	0.1368
Lowest	16QAM	1	0	22.79	0.1901	20.00	0.1000
Middle		1	0	22.77	0.1892	19.98	0.0995
Highest		1	0	22.99	0.1991	20.20	0.1047
Lowest	64QAM	1	8	21.88	0.1542	19.09	0.0811
Middle		1	8	21.90	0.1549	19.11	0.0815
Highest		1	8	21.14	0.1300	18.35	0.0684
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.98	0.2500	21.19	0.1315
Middle		1	0	23.93	0.2472	21.14	0.1300
Highest		1	0	24.17	0.2612	21.38	0.1374
Lowest	16QAM	1	0	22.88	0.1941	20.09	0.1021
Middle		1	0	22.78	0.1897	19.99	0.0998
Highest		1	0	23.06	0.2023	20.27	0.1064
Lowest	64QAM	1	0	21.79	0.1510	19.00	0.0794
Middle		1	0	21.72	0.1486	18.93	0.0782
Highest		1	0	21.96	0.1570	19.17	0.0826
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.95	0.2483	21.16	0.1306
Middle		1	25	23.98	0.2500	21.19	0.1315
Highest		1	25	24.18	0.2618	21.39	0.1377
Lowest	16QAM	1	25	22.85	0.1928	20.06	0.1014
Middle		1	25	22.88	0.1941	20.09	0.1021
Highest		1	25	23.04	0.2014	20.25	0.1059
Lowest	64QAM	1	25	21.77	0.1503	18.98	0.0791
Middle		1	25	21.81	0.1517	19.02	0.0798
Highest		1	25	21.97	0.1574	19.18	0.0828
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.26	0.2667	21.47	0.1403
Middle		1	0	24.25	0.2661	21.46	0.1400
Highest		1	0	24.35	0.2723	21.56	0.1432
Lowest	16QAM	1	0	23.07	0.2028	20.28	0.1067
Middle		1	0	23.12	0.2051	20.33	0.1079
Highest		1	0	23.26	0.2118	20.47	0.1114
Lowest	64QAM	1	37	22.12	0.1629	19.33	0.0857
Middle		1	37	22.10	0.1622	19.31	0.0853
Highest		1	37	22.02	0.1592	19.23	0.0838
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = -2.79 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.27	0.2673	21.48	0.1406
Middle		1	0	24.24	0.2655	21.45	0.1396
Highest		1	0	24.41	0.2761	21.62	0.1452
Lowest	16QAM	1	0	23.11	0.2046	20.32	0.1076
Middle		1	0	23.12	0.2051	20.33	0.1079
Highest		1	0	23.16	0.2070	20.37	0.1089
Lowest	64QAM	1	0	22.05	0.1603	19.26	0.0843
Middle		1	0	21.98	0.1578	19.19	0.0830
Highest		1	0	22.09	0.1618	19.30	0.0851
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	24.21	0.2636	21.61	0.1449
Middle		1	3	24.23	0.2649	21.63	0.1455
Highest		1	3	24.23	0.2649	21.63	0.1455
Lowest	16QAM	1	3	23.07	0.2028	20.47	0.1114
Middle		1	3	23.07	0.2028	20.47	0.1114
Highest		1	3	23.04	0.2014	20.44	0.1107
Lowest	64QAM	1	3	22.02	0.1592	19.42	0.0875
Middle		1	3	21.98	0.1578	19.38	0.0867
Highest		1	3	21.98	0.1578	19.38	0.0867
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	24.34	0.2716	21.74	0.1493
Middle		1	8	24.28	0.2679	21.68	0.1472
Highest		1	8	24.31	0.2698	21.71	0.1483
Lowest	16QAM	1	8	23.18	0.2080	20.58	0.1143
Middle		1	8	23.12	0.2051	20.52	0.1127
Highest		1	8	23.13	0.2056	20.53	0.1130
Lowest	64QAM	1	8	22.08	0.1614	19.48	0.0887
Middle		1	8	22.04	0.1600	19.44	0.0879
Highest		1	8	22.04	0.1600	19.44	0.0879
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.29	0.2685	21.69	0.1476
Middle		1	12	24.30	0.2692	21.70	0.1479
Highest		1	12	24.30	0.2692	21.70	0.1479
Lowest	16QAM	1	0	23.08	0.2032	20.48	0.1117
Middle		1	0	22.99	0.1991	20.39	0.1094
Highest		1	0	23.11	0.2046	20.51	0.1125
Lowest	64QAM	1	0	21.85	0.1531	19.25	0.0841
Middle		1	0	21.90	0.1549	19.30	0.0851
Highest		1	0	22.03	0.1596	19.43	0.0877
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.23	0.2649	21.63	0.1455
Middle		1	0	24.23	0.2649	21.63	0.1455
Highest		1	0	24.29	0.2685	21.69	0.1476
Lowest	16QAM	1	0	23.11	0.2046	20.51	0.1125
Middle		1	0	23.10	0.2042	20.50	0.1122
Highest		1	0	23.15	0.2065	20.55	0.1135
Lowest	64QAM	1	25	22.02	0.1592	19.42	0.0875
Middle		1	25	22.01	0.1589	19.41	0.0873
Highest		1	25	22.05	0.1603	19.45	0.0881
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.55	0.2851	21.95	0.1567
Middle		1	0	24.54	0.2844	21.94	0.1563
Highest		1	0	24.54	0.2844	21.94	0.1563
Lowest	16QAM	1	0	23.38	0.2178	20.78	0.1197
Middle		1	0	23.40	0.2188	20.80	0.1202
Highest		1	0	23.39	0.2183	20.79	0.1199
Lowest	64QAM	1	0	21.99	0.1581	19.39	0.0869
Middle		1	0	22.28	0.1690	19.68	0.0929
Highest		1	0	22.30	0.1698	19.70	0.0933
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.56	0.2858	21.96	0.1570
Middle		1	0	24.53	0.2838	21.93	0.1560
Highest		1	0	24.52	0.2831	21.92	0.1556
Lowest	16QAM	1	0	23.42	0.2198	20.82	0.1208
Middle		1	0	23.39	0.2183	20.79	0.1199
Highest		1	0	23.34	0.2158	20.74	0.1186
Lowest	64QAM	1	0	21.79	0.1510	19.19	0.0830
Middle		1	0	22.28	0.1690	19.68	0.0929
Highest		1	0	22.21	0.1663	19.61	0.0914
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -6.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.28	0.2679	15.82	0.0382
Middle		1	3	24.50	0.2818	16.04	0.0402
Highest		1	3	23.87	0.2438	15.41	0.0348
Lowest	16QAM	1	3	23.09	0.2037	14.63	0.0290
Middle		1	3	23.33	0.2153	14.87	0.0307
Highest		1	3	23.07	0.2028	14.61	0.0289
Lowest	64QAM	1	3	22.01	0.1589	13.55	0.0226
Middle		1	3	22.28	0.1690	13.82	0.0241
Highest		1	3	21.49	0.1409	13.03	0.0201
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -6.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.35	0.2723	15.89	0.0388
Middle		1	0	24.51	0.2825	16.05	0.0403
Highest		1	0	23.86	0.2432	15.40	0.0347
Lowest	16QAM	1	8	23.13	0.2056	14.67	0.0293
Middle		1	8	23.44	0.2208	14.98	0.0315
Highest		1	8	23.13	0.2056	14.67	0.0293
Lowest	64QAM	1	8	22.09	0.1618	13.63	0.0231
Middle		1	8	22.36	0.1722	13.90	0.0245
Highest		1	8	21.53	0.1422	13.07	0.0203
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -6.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.36	0.2729	15.90	0.0389
Middle		1	0	24.52	0.2831	16.06	0.0404
Highest		1	0	23.89	0.2449	15.43	0.0349
Lowest	16QAM	1	0	23.14	0.2061	14.68	0.0294
Middle		1	0	23.35	0.2163	14.89	0.0308
Highest		1	0	23.02	0.2004	14.56	0.0286
Lowest	64QAM	1	12	21.96	0.1570	13.50	0.0224
Middle		1	12	22.28	0.1690	13.82	0.0241
Highest		1	12	21.33	0.1358	12.87	0.0194
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -6.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.27	0.2673	15.81	0.0381
Middle		1	0	24.41	0.2761	15.95	0.0394
Highest		1	0	24.41	0.2761	15.95	0.0394
Lowest	16QAM	1	0	23.16	0.2070	14.70	0.0295
Middle		1	0	23.39	0.2183	14.93	0.0311
Highest		1	0	23.38	0.2178	14.92	0.0310
Lowest	64QAM	1	25	21.97	0.1574	13.51	0.0224
Middle		1	25	22.30	0.1698	13.84	0.0242
Highest		1	25	21.44	0.1393	12.98	0.0199
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.23	0.2649	21.83	0.1524
Middle		1	12	24.37	0.2735	21.97	0.1574
Highest		1	12	23.91	0.2460	21.51	0.1416
Lowest	16QAM	1	12	23.00	0.1995	20.60	0.1148
Middle		1	12	23.21	0.2094	20.81	0.1205
Highest		1	12	22.92	0.1959	20.52	0.1127
Lowest	64QAM	1	12	21.83	0.1524	19.43	0.0877
Middle		1	12	22.12	0.1629	19.72	0.0938
Highest		1	12	21.36	0.1368	18.96	0.0787
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	24.18	0.2618	21.78	0.1507
Middle		1	49	24.36	0.2729	21.96	0.1570
Highest		1	49	24.11	0.2576	21.71	0.1483
Lowest	16QAM	1	49	23.04	0.2014	20.64	0.1159
Middle		1	49	23.22	0.2099	20.82	0.1208
Highest		1	49	23.00	0.1995	20.60	0.1148
Lowest	64QAM	1	25	21.91	0.1552	19.51	0.0893
Middle		1	25	22.12	0.1629	19.72	0.0938
Highest		1	25	21.07	0.1279	18.67	0.0736
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	24.46	0.2793	22.06	0.1607
Middle		1	37	24.58	0.2871	22.18	0.1652
Highest		1	37	23.45	0.2213	21.05	0.1274
Lowest	16QAM	1	37	23.29	0.2133	20.89	0.1227
Middle		1	37	23.47	0.2223	21.07	0.1279
Highest		1	37	22.81	0.1910	20.41	0.1099
Lowest	64QAM	1	37	22.23	0.1671	19.83	0.0962
Middle		1	37	22.39	0.1734	19.99	0.0998
Highest		1	37	21.01	0.1262	18.61	0.0726
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -2.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.52	0.2831	22.12	0.1629
Middle		1	0	24.63	0.2904	22.23	0.1671
Highest		1	0	24.45	0.2786	22.05	0.1603
Lowest	16QAM	1	49	23.28	0.2128	20.88	0.1225
Middle		1	49	23.44	0.2208	21.04	0.1271
Highest		1	49	22.94	0.1968	20.54	0.1132
Lowest	64QAM	1	99	22.30	0.1698	19.90	0.0977
Middle		1	99	22.33	0.1710	19.93	0.0984
Highest		1	99	21.26	0.1337	18.86	0.0769
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -6.42 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.18	0.2618	15.61	0.0364
Middle		1	3	24.60	0.2884	16.03	0.0401
Highest		1	3	23.68	0.2333	15.11	0.0324
Lowest	16QAM	1	3	23.48	0.2228	14.91	0.0310
Middle		1	3	23.45	0.2213	14.88	0.0308
Highest		1	3	23.12	0.2051	14.55	0.0285
Lowest	64QAM	1	3	21.53	0.1422	12.96	0.0198
Middle		1	3	22.38	0.1730	13.81	0.0240
Highest		1	3	21.21	0.1321	12.64	0.0184
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -6.42 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	24.53	0.2838	15.96	0.0394
Middle		1	14	24.60	0.2884	16.03	0.0401
Highest		1	14	23.71	0.2350	15.14	0.0327
Lowest	16QAM	1	8	23.45	0.2213	14.88	0.0308
Middle		1	8	23.53	0.2254	14.96	0.0313
Highest		1	8	23.15	0.2065	14.58	0.0287
Lowest	64QAM	1	8	21.92	0.1556	13.35	0.0216
Middle		1	8	22.47	0.1766	13.90	0.0245
Highest		1	8	21.24	0.1330	12.67	0.0185
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -6.42 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	24.57	0.2864	16.00	0.0398
Middle		1	24	24.60	0.2884	16.03	0.0401
Highest		1	24	23.80	0.2399	15.23	0.0333
Lowest	16QAM	1	0	23.28	0.2128	14.71	0.0296
Middle		1	0	23.46	0.2218	14.89	0.0308
Highest		1	0	23.36	0.2168	14.79	0.0301
Lowest	64QAM	1	12	21.83	0.1524	13.26	0.0212
Middle		1	12	22.36	0.1722	13.79	0.0239
Highest		1	12	21.26	0.1337	12.69	0.0186
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -6.42 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.10	0.2570	15.53	0.0357
Middle		1	0	24.59	0.2877	16.02	0.0400
Highest		1	0	24.60	0.2884	16.03	0.0401
Lowest	16QAM	1	0	23.43	0.2203	14.86	0.0306
Middle		1	0	23.48	0.2228	14.91	0.0310
Highest		1	0	23.48	0.2228	14.91	0.0310
Lowest	64QAM	1	25	22.17	0.1648	13.60	0.0229
Middle		1	25	22.41	0.1742	13.84	0.0242
Highest		1	25	21.88	0.1542	13.31	0.0214
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -5.77 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	23.85	0.2427	15.93	0.0392
Middle		1	24	24.38	0.2742	16.46	0.0443
Highest		1	24	24.24	0.2655	16.32	0.0429
Lowest	16QAM	1	24	22.91	0.1954	14.99	0.0316
Middle		1	24	23.29	0.2133	15.37	0.0344
Highest		1	24	23.04	0.2014	15.12	0.0325
Lowest	64QAM	1	24	21.21	0.1321	13.29	0.0213
Middle		1	24	22.09	0.1618	14.17	0.0261
Highest		1	24	21.96	0.1570	14.04	0.0254
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -5.77 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	25	24.41	0.2761	16.49	0.0446
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	23.28	0.2128	15.36	0.0344
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	49	22.13	0.1633	14.21	0.0264
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -6.42 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.42	0.2767	15.85	0.0385
Middle		1	12	24.40	0.2754	15.83	0.0383
Highest		1	12	24.36	0.2729	15.79	0.0379
Lowest	16QAM	1	24	23.33	0.2153	14.76	0.0299
Middle		1	24	23.15	0.2065	14.58	0.0287
Highest		1	24	23.16	0.2070	14.59	0.0288
Lowest	64QAM	1	0	22.27	0.1687	13.70	0.0234
Middle		1	0	22.14	0.1637	13.57	0.0228
Highest		1	0	22.11	0.1626	13.54	0.0226
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -6.42 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.44	0.2780	15.87	0.0386
Middle		1	0	24.39	0.2748	15.82	0.0382
Highest		1	0	24.39	0.2748	15.82	0.0382
Lowest	16QAM	1	0	23.31	0.2143	14.74	0.0298
Middle		1	0	23.26	0.2118	14.69	0.0294
Highest		1	0	23.24	0.2109	14.67	0.0293
Lowest	64QAM	1	0	22.20	0.1660	13.63	0.0231
Middle		1	0	22.18	0.1652	13.61	0.0230
Highest		1	0	22.16	0.1644	13.59	0.0229
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -2.87 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.97	0.2495	21.10	0.1288
Middle		1	0	24.16	0.2606	21.29	0.1346
Highest		1	0	24.50	0.2818	21.63	0.1455
Lowest	16QAM	1	12	22.62	0.1828	19.75	0.0944
Middle		1	12	22.94	0.1968	20.07	0.1016
Highest		1	12	23.20	0.2089	20.33	0.1079
Lowest	64QAM	1	12	21.39	0.1377	18.52	0.0711
Middle		1	12	21.66	0.1466	18.79	0.0757
Highest		1	12	21.87	0.1538	19.00	0.0794
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -2.87 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.94	0.2477	21.07	0.1279
Middle		1	49	24.20	0.2630	21.33	0.1358
Highest		1	49	24.46	0.2793	21.59	0.1442
Lowest	16QAM	1	25	22.75	0.1884	19.88	0.0973
Middle		1	25	23.03	0.2009	20.16	0.1038
Highest		1	25	23.29	0.2133	20.42	0.1102
Lowest	64QAM	1	25	21.73	0.1489	18.86	0.0769
Middle		1	25	21.94	0.1563	19.07	0.0807
Highest		1	25	22.18	0.1652	19.31	0.0853
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -2.87 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	24.12	0.2582	21.25	0.1334
Middle		1	74	24.45	0.2786	21.58	0.1439
Highest		1	74	24.73	0.2972	21.86	0.1535
Lowest	16QAM	1	74	22.77	0.1892	19.90	0.0977
Middle		1	74	23.11	0.2046	20.24	0.1057
Highest		1	74	23.38	0.2178	20.51	0.1125
Lowest	64QAM	1	74	21.42	0.1387	18.55	0.0716
Middle		1	74	21.82	0.1521	18.95	0.0785
Highest		1	74	22.09	0.1618	19.22	0.0836
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -2.87 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	24.07	0.2553	21.20	0.1318
Middle		1	99	24.43	0.2773	21.56	0.1432
Highest		1	99	24.74	0.2979	21.87	0.1538
Lowest	16QAM	1	99	22.82	0.1914	19.95	0.0989
Middle		1	99	23.06	0.2023	20.19	0.1045
Highest		1	99	23.31	0.2143	20.44	0.1107
Lowest	64QAM	1	99	21.33	0.1358	18.46	0.0701
Middle		1	99	21.79	0.1510	18.92	0.0780
Highest		1	99	22.03	0.1596	19.16	0.0824
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -6.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.14	0.2594	15.68	0.0370
Middle		3	1	24.23	0.2649	15.77	0.0378
Highest		3	1	24.29	0.2685	15.83	0.0383
Lowest	16QAM	1	3	22.99	0.1991	14.53	0.0284
Middle		1	3	23.05	0.2018	14.59	0.0288
Highest		1	3	23.11	0.2046	14.65	0.0292
Lowest	64QAM	1	3	21.90	0.1549	13.44	0.0221
Middle		1	3	22.01	0.1589	13.55	0.0226
Highest		1	3	21.86	0.1535	13.40	0.0219
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -6.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	24.20	0.2630	15.74	0.0375
Middle		1	8	24.29	0.2685	15.83	0.0383
Highest		1	8	24.38	0.2742	15.92	0.0391
Lowest	16QAM	1	8	22.99	0.1991	14.53	0.0284
Middle		1	8	23.15	0.2065	14.69	0.0294
Highest		1	8	23.19	0.2084	14.73	0.0297
Lowest	64QAM	1	8	21.92	0.1556	13.46	0.0222
Middle		1	8	22.08	0.1614	13.62	0.0230
Highest		1	8	21.93	0.1560	13.47	0.0222
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -6.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.18	0.2618	15.72	0.0373
Middle		1	0	24.22	0.2642	15.76	0.0377
Highest		1	0	24.38	0.2742	15.92	0.0391
Lowest	16QAM	1	0	23.02	0.2004	14.56	0.0286
Middle		1	0	23.08	0.2032	14.62	0.0290
Highest		1	0	23.25	0.2113	14.79	0.0301
Lowest	64QAM	1	12	21.82	0.1521	13.36	0.0217
Middle		1	12	22.03	0.1596	13.57	0.0228
Highest		1	12	21.91	0.1552	13.45	0.0221
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -6.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.24	0.2655	15.78	0.0378
Middle		1	0	24.24	0.2655	15.78	0.0378
Highest		1	0	24.41	0.2761	15.95	0.0394
Lowest	16QAM	1	0	23.10	0.2042	14.64	0.0291
Middle		1	0	23.10	0.2042	14.64	0.0291
Highest		1	0	23.24	0.2109	14.78	0.0301
Lowest	64QAM	1	0	22.02	0.1592	13.56	0.0227
Middle		1	0	22.02	0.1592	13.56	0.0227
Highest		1	0	22.17	0.1648	13.71	0.0235
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -6.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.33	0.2710	15.87	0.0386
Middle		1	0	24.35	0.2723	15.89	0.0388
Highest		1	0	24.42	0.2767	15.96	0.0394
Lowest	16QAM	1	0	23.19	0.2084	14.73	0.0297
Middle		1	0	23.17	0.2075	14.71	0.0296
Highest		1	0	23.28	0.2128	14.82	0.0303
Lowest	64QAM	1	0	22.03	0.1596	13.57	0.0228
Middle		1	0	22.07	0.1611	13.61	0.0230
Highest		1	0	22.18	0.1652	13.72	0.0236
Limit	ERP < 7W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	24.20	0.2630	21.60	0.1445
Middle		3	1	24.22	0.2642	21.62	0.1452
Highest		3	1	24.03	0.2529	21.43	0.1390
Lowest	16QAM	1	3	23.00	0.1995	20.40	0.1096
Middle		1	3	23.03	0.2009	20.43	0.1104
Highest		1	3	22.85	0.1928	20.25	0.1059
Lowest	64QAM	1	3	21.71	0.1483	19.11	0.0815
Middle		1	3	22.03	0.1596	19.43	0.0877
Highest		1	3	21.77	0.1503	19.17	0.0826
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	24.28	0.2679	21.68	0.1472
Middle		1	8	24.30	0.2692	21.70	0.1479
Highest		1	8	24.10	0.2570	21.50	0.1413
Lowest	16QAM	1	8	23.10	0.2042	20.50	0.1122
Middle		1	8	23.09	0.2037	20.49	0.1119
Highest		1	8	22.93	0.1963	20.33	0.1079
Lowest	64QAM	1	8	22.00	0.1585	19.40	0.0871
Middle		1	8	22.05	0.1603	19.45	0.0881
Highest		1	8	21.88	0.1542	19.28	0.0847
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.23	0.2649	21.63	0.1455
Middle		1	12	24.24	0.2655	21.64	0.1459
Highest		1	12	24.08	0.2559	21.48	0.1406
Lowest	16QAM	1	12	23.04	0.2014	20.44	0.1107
Middle		1	12	23.06	0.2023	20.46	0.1112
Highest		1	12	22.89	0.1945	20.29	0.1069
Lowest	64QAM	1	12	21.94	0.1563	19.34	0.0859
Middle		1	12	21.95	0.1567	19.35	0.0861
Highest		1	12	21.76	0.1500	19.16	0.0824
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.09	0.2564	21.49	0.1409
Middle		1	0	24.26	0.2667	21.66	0.1466
Highest		1	0	24.13	0.2588	21.53	0.1422
Lowest	16QAM	1	0	23.09	0.2037	20.49	0.1119
Middle		1	0	23.11	0.2046	20.51	0.1125
Highest		1	0	22.99	0.1991	20.39	0.1094
Lowest	64QAM	1	25	21.95	0.1567	19.35	0.0861
Middle		1	25	22.02	0.1592	19.42	0.0875
Highest		1	25	21.87	0.1538	19.27	0.0845
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.40	0.2754	21.80	0.1514
Middle		1	0	24.49	0.2812	21.89	0.1545
Highest		1	0	24.41	0.2761	21.81	0.1517
Lowest	16QAM	1	0	23.24	0.2109	20.64	0.1159
Middle		1	0	23.29	0.2133	20.69	0.1172
Highest		1	0	23.20	0.2089	20.60	0.1148
Lowest	64QAM	1	0	21.72	0.1486	19.12	0.0817
Middle		1	0	22.18	0.1652	19.58	0.0908
Highest		1	0	22.12	0.1629	19.52	0.0895
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.38	0.2742	21.78	0.1507
Middle		1	0	24.57	0.2864	21.97	0.1574
Highest		1	0	24.41	0.2761	21.81	0.1517
Lowest	16QAM	1	0	23.31	0.2143	20.71	0.1178
Middle		1	0	23.33	0.2153	20.73	0.1183
Highest		1	0	23.28	0.2128	20.68	0.1169
Lowest	64QAM	1	0	22.05	0.1603	19.45	0.0881
Middle		1	0	22.10	0.1622	19.50	0.0891
Highest		1	0	22.14	0.1637	19.54	0.0899
Limit	EIRP < 1W			Result		PASS	



<Sub Antenna>

LTE Band 5 / 1.4MHz (Average) (GT - LC = -4.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.28	0.2679	17.82	0.0605
Middle		1	3	24.50	0.2818	18.04	0.0637
Highest		1	3	23.87	0.2438	17.41	0.0551
Lowest	16QAM	1	3	23.09	0.2037	16.63	0.0460
Middle		1	3	23.33	0.2153	16.87	0.0486
Highest		1	3	23.07	0.2028	16.61	0.0458
Lowest	64QAM	1	3	22.01	0.1589	15.55	0.0359
Middle		1	3	22.28	0.1690	15.82	0.0382
Highest		1	3	21.49	0.1409	15.03	0.0318
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -4.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.35	0.2723	17.89	0.0615
Middle		1	0	24.51	0.2825	18.05	0.0638
Highest		1	0	23.86	0.2432	17.40	0.0550
Lowest	16QAM	1	8	23.13	0.2056	16.67	0.0465
Middle		1	8	23.44	0.2208	16.98	0.0499
Highest		1	8	23.13	0.2056	16.67	0.0465
Lowest	64QAM	1	8	22.09	0.1618	15.63	0.0366
Middle		1	8	22.36	0.1722	15.90	0.0389
Highest		1	8	21.53	0.1422	15.07	0.0321
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -4.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	12	7	23.71	0.2350	17.25	0.0531
Middle		12	7	23.57	0.2275	17.11	0.0514
Highest		12	7	23.08	0.2032	16.62	0.0459
Lowest	16QAM	1	12	22.51	0.1782	16.05	0.0403
Middle		1	12	22.43	0.1750	15.97	0.0395
Highest		1	12	22.23	0.1671	15.77	0.0378
Lowest	64QAM	1	0	21.45	0.1396	14.99	0.0316
Middle		1	0	21.23	0.1327	14.77	0.0300
Highest		1	0	20.64	0.1159	14.18	0.0262
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -4.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.70	0.2344	17.24	0.0530
Middle		1	0	23.62	0.2301	17.16	0.0520
Highest		1	0	23.40	0.2188	16.94	0.0494
Lowest	16QAM	1	25	22.60	0.1820	16.14	0.0411
Middle		1	25	22.49	0.1774	16.03	0.0401
Highest		1	25	22.32	0.1706	15.86	0.0385
Lowest	64QAM	1	25	21.56	0.1432	15.10	0.0324
Middle		1	25	21.37	0.1371	14.91	0.0310
Highest		1	25	20.79	0.1199	14.33	0.0271
Limit	ERP < 7W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -5.86 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	23.26	0.2118	15.25	0.0335
Middle		1	24	23.41	0.2193	15.40	0.0347
Highest		1	24	23.95	0.2483	15.94	0.0393
Lowest	16QAM	1	24	22.75	0.1884	14.74	0.0298
Middle		1	24	22.73	0.1875	14.72	0.0296
Highest		1	24	23.27	0.2123	15.26	0.0336
Lowest	64QAM	1	24	20.85	0.1216	12.84	0.0192
Middle		1	24	20.74	0.1186	12.73	0.0187
Highest		1	24	21.33	0.1358	13.32	0.0215
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -5.86 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	49	24.02	0.2523	16.01	0.0399
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	49	23.22	0.2099	15.21	0.0332
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	49	21.38	0.1374	13.37	0.0217
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -4.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.80	0.2399	17.34	0.0542
Middle		3	1	23.66	0.2323	17.20	0.0525
Highest		3	1	22.85	0.1928	16.39	0.0436
Lowest	16QAM	1	3	22.59	0.1816	16.13	0.0410
Middle		1	3	22.45	0.1758	15.99	0.0397
Highest		1	3	21.93	0.1560	15.47	0.0352
Lowest	64QAM	1	3	21.37	0.1371	14.91	0.0310
Middle		1	3	21.40	0.1380	14.94	0.0312
Highest		1	3	20.52	0.1127	14.06	0.0255
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -4.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.82	0.2410	17.36	0.0545
Middle		1	0	23.63	0.2307	17.17	0.0521
Highest		1	0	23.43	0.2203	16.97	0.0498
Lowest	16QAM	1	0	22.71	0.1866	16.25	0.0422
Middle		1	0	22.44	0.1754	15.98	0.0396
Highest		1	0	22.30	0.1698	15.84	0.0384
Lowest	64QAM	1	8	21.50	0.1413	15.04	0.0319
Middle		1	8	21.50	0.1413	15.04	0.0319
Highest		1	8	20.86	0.1219	14.40	0.0275
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -4.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.85	0.2427	17.39	0.0548
Middle		1	0	23.62	0.2301	17.16	0.0520
Highest		1	0	23.53	0.2254	17.07	0.0509
Lowest	16QAM	1	0	22.66	0.1845	16.20	0.0417
Middle		1	0	22.46	0.1762	16.00	0.0398
Highest		1	0	22.37	0.1726	15.91	0.0390
Lowest	64QAM	1	12	21.48	0.1406	15.02	0.0318
Middle		1	12	21.48	0.1406	15.02	0.0318
Highest		1	12	20.94	0.1242	14.48	0.0281
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -4.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.79	0.2393	17.33	0.0541
Middle		1	0	23.72	0.2355	17.26	0.0532
Highest		1	0	23.54	0.2259	17.08	0.0511
Lowest	16QAM	1	0	22.67	0.1849	16.21	0.0418
Middle		1	0	22.55	0.1799	16.09	0.0406
Highest		1	0	22.46	0.1762	16.00	0.0398
Lowest	64QAM	1	25	21.49	0.1409	15.03	0.0318
Middle		1	25	21.44	0.1393	14.98	0.0315
Highest		1	25	21.30	0.1349	14.84	0.0305
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -4.31 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.92	0.2466	17.46	0.0557
Middle		1	0	23.81	0.2404	17.35	0.0543
Highest		1	0	23.80	0.2399	17.34	0.0542
Lowest	16QAM	1	0	22.80	0.1905	16.34	0.0431
Middle		1	0	22.67	0.1849	16.21	0.0418
Highest		1	0	22.66	0.1845	16.20	0.0417
Lowest	64QAM	1	37	21.67	0.1469	15.21	0.0332
Middle		1	37	21.59	0.1442	15.13	0.0326
Highest		1	37	21.48	0.1406	15.02	0.0318
Limit	ERP < 7W			Result		PASS	

**Radiated Spurious Emission**

<Main Antenna>

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	1649	-65.57	-13	-52.57	-79.05	-71.17	0.92	8.67	H
	2474	-58.84	-13	-45.84	-77.15	-66.21	1.14	10.66	H
	3299	-55.26	-13	-42.26	-75.41	-63.80	1.32	12.02	H
									H
									H
									H
	1649	-65.70	-13	-52.70	-78.65	-71.30	0.92	8.67	V
	2474	-58.74	-13	-45.74	-77.2	-66.11	1.14	10.66	V
	3299	-55.21	-13	-42.21	-75.83	-63.75	1.32	12.02	V
									V
									V
									V
Middle	1659	-64.92	-13	-51.92	-78.43	-70.55	0.92	8.70	H
	2489	-58.58	-13	-45.58	-76.92	-65.97	1.15	10.68	H
	3319	-55.72	-13	-42.72	-75.82	-64.31	1.33	12.07	H
									H
									H
									H
	1659	-65.58	-13	-52.58	-78.51	-71.21	0.92	8.70	V
	2489	-58.62	-13	-45.62	-77.15	-66.01	1.15	10.68	V
	3319	-55.65	-13	-42.65	-76.21	-64.24	1.33	12.07	V
									V
									V
									V



Highest	1669	-63.98	-13	-50.98	-77.53	-69.64	0.93	8.74	H
	2504	-58.13	-13	-45.13	-76.48	-65.53	1.15	10.70	H
	3339	-56.13	-13	-43.13	-76.18	-64.76	1.33	12.11	H
									H
									H
									H
									H
	1669	-64.78	-13	-51.78	-77.72	-70.44	0.93	8.74	V
	2504	-57.78	-13	-44.78	-76.34	-65.18	1.15	10.70	V
	3339	-55.69	-13	-42.69	-76.2	-64.32	1.33	12.11	V
									V
									V
									V
									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	-49.97	-25	-24.97	-76.38	-60.96	1.61	12.61	H
	7506	-44.07	-25	-19.07	-74.47	-53.18	1.99	11.10	H
	10008	-40.59	-25	-15.59	-73.91	-49.48	2.40	11.29	H
									H
									H
									H
	5004	-50.32	-25	-25.32	-76.29	-61.31	1.61	12.61	V
	7506	-44.21	-25	-19.21	-74.58	-53.32	1.99	11.10	V
	10008	-39.70	-25	-14.70	-73.8	-48.59	2.40	11.29	V
									V
									V
									V
Middle	5052	-50.19	-25	-25.19	-76.63	-61.24	1.62	12.67	H
	7578	-44.08	-25	-19.08	-74.05	-53.19	2.00	11.12	H
	10107	-40.43	-25	-15.43	-73.97	-49.25	2.40	11.21	H
									H
									H
									H
	5052	-50.79	-25	-25.79	-76.86	-61.84	1.62	12.67	V
	7578	-44.21	-25	-19.21	-74.14	-53.32	2.00	11.12	V
	10107	-39.32	-25	-14.32	-73.43	-48.14	2.40	11.21	V
									V
									V
									V



Highest	5100	-50.13	-25	-25.13	-76.58	-61.23	1.64	12.74	H
	7653	-44.25	-25	-19.25	-74.09	-53.37	2.01	11.13	H
	10204	-39.98	-25	-14.98	-73.74	-48.72	2.40	11.14	H
									H
									H
									H
									H
	5100	-50.37	-25	-25.37	-76.52	-61.47	1.64	12.74	V
	7653	-44.33	-25	-19.33	-74.05	-53.45	2.01	11.13	V
	10204	-39.84	-25	-14.84	-73.95	-48.58	2.40	11.14	V
									V
									V
									V
									V

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

**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	5028	-47.78	-25	-22.78	-74.2	-58.80	1.62	12.64	H
	7542	-43.07	-25	-18.07	-73.26	-52.18	2.00	11.11	H
	10062	-39.86	-25	-14.86	-73.3	-48.71	2.40	11.25	H
									H
									H
									H
	5028	-49.10	-25	-24.10	-75.11	-60.12	1.62	12.64	V
	7542	-42.87	-25	-17.87	-73.02	-51.98	2.00	11.11	V
	10062	-39.32	-25	-14.32	-73.42	-48.17	2.40	11.25	V
									V
									V
									V
Middle	5202	-48.38	-25	-23.38	-74.89	-59.60	1.66	12.88	H
	7806	-43.97	-25	-18.97	-73.81	-53.10	2.03	11.16	H
	10404	-38.78	-25	-13.78	-73	-47.36	2.39	10.98	H
									H
									H
									H
	5202	-48.62	-25	-23.62	-74.96	-59.84	1.66	12.88	V
	7806	-43.99	-25	-18.99	-73.53	-53.12	2.03	11.16	V
	10404	-39.22	-25	-14.22	-73.36	-47.80	2.39	10.98	V
									V
									V
									V



Highest	5376	-47.77	-25	-22.77	-74.89	-59.19	1.71	13.13	H
	8064	-42.14	-25	-17.14	-73.07	-51.41	2.06	11.33	H
	10755	-39.00	-25	-14.00	-73.51	-47.38	2.52	10.90	H
									H
									H
									H
									H
	5376	-47.76	-25	-22.76	-74.49	-59.18	1.71	5376	V
	8064	-42.16	-25	-17.16	-73.09	-51.43	2.06	8064	V
	10755	-38.93	-25	-13.93	-73.21	-47.31	2.52	10755	V
									V
									V
									V
									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	1400	-62.67	-13	-49.67	-77.17	-67.32	0.84	7.64	H
	2098	-59.92	-13	-46.92	-77.53	-66.85	1.06	10.14	H
	2798	-56.08	-13	-43.08	-75.20	-63.77	1.22	11.06	H
									H
									H
									H
	1400	-63.97	-13	-50.97	-77.24	-68.62	0.84	7.64	V
	2098	-60.89	-13	-47.89	-77.39	-67.82	1.06	10.14	V
	2798	-56.08	-13	-43.08	-75.14	-63.77	1.22	11.06	V
									V
									V
									V
Middle	1406	-62.56	-13	-49.56	-77.03	-67.23	0.85	7.67	H
	2109	-59.25	-13	-46.25	-77.05	-66.19	1.06	10.15	H
	2812	-55.81	-13	-42.81	-74.99	-63.51	1.22	11.07	H
									H
									H
									H
	1406	-64.20	-13	-51.20	-77.45	-68.87	0.85	7.67	V
	2109	-60.63	-13	-47.63	-77.32	-67.57	1.06	10.15	V
	2812	-56.13	-13	-43.13	-75.26	-63.83	1.22	11.07	V
									V
									V
									V



Highest	1413	-62.91	-13	-49.91	-77.37	-67.61	0.85	7.70	H
	2119	-59.19	-13	-46.19	-77.17	-66.14	1.07	10.17	H
	2826	-56.21	-13	-43.21	-75.45	-63.92	1.23	11.09	H
									H
									H
									H
									H
	1413	-64.06	-13	-51.06	-77.30	-68.76	0.85	7.70	V
	2119	-60.35	-13	-47.35	-77.20	-67.30	1.07	10.17	V
	2826	-56.08	-13	-43.08	-75.29	-63.79	1.23	11.09	V
									V
									V
									V
									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	-65.01	-42.15	-22.86	-78.66	-70.31	0.89	8.34	H
	2344	-56.87	-13	-43.87	-75.43	-64.09	1.12	10.48	H
	3126	-56.81	-13	-43.81	-77.05	-64.97	1.29	11.60	H
									H
									H
									H
	1563	-66.13	-42.15	-23.98	-79.15	-71.43	0.89	8.34	V
	2344	-56.98	-13	-43.98	-75.17	-64.20	1.12	10.48	V
	3126	-56.27	-13	-43.27	-76.88	-64.43	1.29	11.60	V
									V
									V
									V
Middle	1568	-65.35	-42.15	-23.20	-78.96	-70.67	0.89	8.36	H
	2352	-56.90	-13	-43.90	-75.42	-64.13	1.12	10.49	H
	3136	-57.16	-13	-44.16	-77.42	-65.34	1.29	11.63	H
									H
									H
									H
	1568	-65.71	-42.15	-23.56	-78.73	-71.03	0.89	8.36	V
	2352	-57.21	-13	-44.21	-75.40	-64.44	1.12	10.49	V
	3136	-56.40	-13	-43.40	-77.05	-64.58	1.29	11.63	V
									V
									V
									V



Highest	1569	-65.30	-42.15	-23.15	-78.90	-70.62	0.89	8.36	H
	2353	-56.95	-13	-43.95	-75.47	-64.18	1.12	10.49	H
	3138	-57.17	-13	-44.17	-77.43	-65.36	1.29	11.63	H
									H
									H
									H
									H
	1569	-65.94	-42.15	-23.79	-78.96	-71.26	0.89	8.36	V
	2353	-57.33	-13	-44.33	-75.52	-64.56	1.12	10.49	V
	3138	-56.84	-13	-43.84	-77.50	-65.03	1.29	11.63	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	-65.36	-42.15	-23.21	-78.99	-70.66	0.89	8.34	H
	2346	-56.92	-13	-43.92	-75.47	-64.14	1.12	10.48	H
	3128	-56.60	-13	-43.60	-76.84	-64.76	1.29	11.61	H
									H
									H
									H
									H
	1564	-65.86	-42.15	-23.71	-78.87	-71.16	0.89	8.34	V
	2346	-57.18	-13	-44.18	-75.37	-64.40	1.12	10.48	V
	3128	-56.34	-13	-43.34	-76.96	-64.50	1.29	11.61	V
									V
									V
									V
									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	3702	-52.01	-13	-39.01	-74.77	-63.22	1.41	12.62	H
	5553	-47.03	-13	-34.03	-74.74	-58.59	1.74	13.30	H
	7404	-42.93	-13	-29.93	-73.85	-52.25	1.94	11.25	H
									H
									H
									H
	3702	-51.61	-13	-38.61	-74.52	-62.82	1.41	12.62	V
	5553	-47.71	-13	-34.71	-74.95	-59.27	1.74	13.30	V
	7404	-43.16	-13	-30.16	-73.93	-52.48	1.94	11.25	V
									V
									V
									V
Middle	3742	-51.23	-13	-38.23	-74.13	-62.45	1.42	12.65	H
	5613	-47.43	-13	-34.43	-75.04	-58.99	1.74	13.30	H
	7484	-42.71	-13	-29.71	-73.22	-51.85	1.98	11.13	H
									H
									H
									H
	3742	-51.29	-13	-38.29	-74.39	-62.51	1.42	12.65	V
	5613	-47.63	-13	-34.63	-74.9	-59.19	1.74	13.30	V
	7484	-42.93	-13	-29.93	-73.39	-52.07	1.98	11.13	V
									V
									V
									V



Highest	3792	-51.23	-13	-38.23	-74.31	-62.47	1.44	12.68	H
	5688	-47.03	-13	-34.03	-74.95	-58.60	1.73	13.30	H
	7584	-43.75	-13	-30.75	-73.69	-52.87	2.00	11.12	H
									H
									H
									H
									H
	3792	-51.32	-13	-38.32	-74.66	-62.56	1.44	12.68	V
	5688	-47.60	-13	-34.60	-74.99	-59.17	1.73	13.30	V
	7584	-43.68	-13	-30.68	-73.58	-52.80	2.00	11.12	V
									V
									V
									V
									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	3422	-53.21	-13	-40.21	-74.05	-64.18	1.35	12.31	H
	5133	-48.39	-13	-35.39	-74.85	-59.53	1.64	12.79	H
	6844	-44.45	-13	-31.45	-74.05	-54.83	1.74	12.12	H
									H
									H
									H
	3422	-53.08	-13	-40.08	-74.34	-64.05	1.35	12.31	V
	5133	-48.22	-13	-35.22	-74.43	-59.36	1.64	12.79	V
	6844	-44.47	-13	-31.47	-73.67	-54.85	1.74	12.12	V
									V
									V
									V
Middle	3472	-53.10	-13	-40.10	-74.43	-64.18	1.35	12.43	H
	5208	-48.43	-13	-35.43	-74.96	-59.66	1.66	12.89	H
	6944	-44.00	-13	-31.00	-74.05	-54.25	1.73	11.98	H
									H
									H
									H
	3472	-52.89	-13	-39.89	-74.6	-63.97	1.35	12.43	V
	5208	-48.44	-13	-35.44	-74.8	-59.67	1.66	12.89	V
	6944	-44.46	-13	-31.46	-74.05	-54.71	1.73	11.98	V
									V
									V
									V



Highest	3522	-52.14	-13	-39.14	-73.93	-63.29	1.37	12.51	H
	5283	-48.30	-13	-35.30	-75.09	-59.61	1.68	13.00	H
	7044	-42.77	-13	-29.77	-73.19	-52.86	1.74	11.83	H
									H
									H
									H
									H
	3522	-51.98	-13	-38.98	-74.05	-63.13	1.37	12.51	V
	5283	-48.39	-13	-35.39	-74.91	-59.70	1.68	13.00	V
	7044	-43.47	-13	-30.47	-73.44	-53.56	1.74	11.83	V
									V
									V
									V
									V

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

**<WPC Mode>**

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)
Middle	5202	-48.88	-25	-23.88	-75.39	-60.10	1.66	12.88	H
	7806	-44.55	-25	-19.55	-74.39	-53.68	2.03	11.16	H
	10404	-39.51	-25	-14.51	-73.73	-48.09	2.39	10.98	H
									H
									H
									H
									H
	5202	-49.10	-25	-24.10	-75.44	-60.32	1.66	12.88	V
	7806	-44.59	-25	-19.59	-74.13	-53.72	2.03	11.16	V
	10404	-39.40	-25	-14.40	-73.54	-47.98	2.39	10.98	V
									V
									V
									V
									V

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



<Sub Antenna>

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	-60.36	-13	-47.36	-73.84	-65.95	0.92	8.66	H
	2473	-55.97	-13	-42.97	-74.28	-63.34	1.14	10.66	H
	3296	-54.51	-13	-41.51	-74.67	-63.05	1.32	12.01	H
									H
									H
									H
	1648	-60.89	-13	-47.89	-73.84	-66.48	0.92	8.66	V
	2473	-56.11	-13	-43.11	-74.57	-63.48	1.14	10.66	V
	3296	-53.82	-13	-40.82	-74.45	-62.36	1.32	12.01	V
									V
									V
									V
Middle	1664	-60.05	-13	-47.05	-73.57	-65.70	0.93	8.72	H
	2496	-56.22	-13	-43.22	-74.56	-63.62	1.15	10.69	H
	3328	-54.63	-13	-41.63	-74.71	-63.24	1.33	12.09	H
									H
									H
									H
	1664	-60.78	-13	-47.78	-73.71	-66.43	0.93	8.72	V
	2496	-56.02	-13	-43.02	-74.57	-63.42	1.15	10.69	V
	3328	-54.26	-13	-41.26	-74.8	-62.87	1.33	12.09	V
									V
									V
									V



Highest	1679	-59.95	-13	-46.95	-73.52	-65.65	0.93	8.78	H
	2518	-55.97	-13	-42.97	-74.31	-63.39	1.15	10.72	H
	3360	-54.75	-13	-41.75	-74.76	-63.43	1.33	12.16	H
									H
									H
									H
									H
	1679	-61.12	-13	-48.12	-74.04	-66.82	0.93	8.78	V
	2518	-55.99	-13	-42.99	-74.5	-63.41	1.15	10.72	V
	3360	-54.27	-13	-41.27	-74.72	-62.95	1.33	12.16	V
									V
									V
									V
									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	-60.42	-42.15	-18.27	-74.07	-65.72	0.89	8.34	H
	2344	-55.91	-13	-42.91	-74.47	-63.13	1.12	10.48	H
	3126	-54.63	-13	-41.63	-74.87	-62.79	1.29	11.60	H
									H
									H
									H
	1563	-61.04	-42.15	-18.89	-74.06	-66.34	0.89	8.34	V
	2344	-56.41	-13	-43.41	-74.60	-63.63	1.12	10.48	V
	3126	-54.25	-13	-41.25	-74.86	-62.41	1.29	11.60	V
									V
									V
									V
Middle	1568	-60.52	-42.15	-18.37	-74.13	-65.84	0.89	8.36	H
	2352	-55.80	-13	-42.80	-74.32	-63.03	1.12	10.49	H
	3136	-54.75	-13	-41.75	-75.01	-62.93	1.29	11.63	H
									H
									H
									H
	1568	-60.93	-42.15	-18.78	-73.95	-66.25	0.89	8.36	V
	2352	-56.12	-13	-43.12	-74.31	-63.35	1.12	10.49	V
	3136	-54.37	-13	-41.37	-75.02	-62.55	1.29	11.63	V
									V
									V
									V



Highest	1573	-60.67	-42.15	-18.52	-74.23	-66.00	0.89	8.38	H
	2359	-55.92	-13	-42.92	-74.40	-63.15	1.12	10.50	H
	3146	-54.66	-13	-41.66	-74.93	-62.86	1.30	11.65	H
									H
									H
									H
									H
	1573	-60.64	-42.15	-18.49	-73.65	-65.97	0.89	8.38	V
	2359	-56.45	-13	-43.45	-74.64	-63.68	1.12	10.50	V
	3146	-54.40	-13	-41.40	-75.08	-62.60	1.30	11.65	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	1568	-60.33	-42.15	-18.18	-73.94	-65.65	0.89	8.36	H
	2352	-55.89	-13	-42.89	-74.41	-63.12	1.12	10.49	H
	3136	-54.67	-13	-41.67	-74.93	-62.85	1.29	11.63	H
									H
									H
									H
									H
	1568	-60.74	-42.15	-18.59	-73.76	-66.06	0.89	8.36	V
	2352	-56.39	-13	-43.39	-74.58	-63.62	1.12	10.49	V
	3136	-54.37	-13	-41.37	-75.02	-62.55	1.29	11.63	V
									V
									V
									V
									V

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

**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	1648	-60.17	-13	-47.17	-73.65	-65.76	0.92	8.66	H
	2472	-54.06	-13	-41.06	-72.37	-61.43	1.14	10.66	H
	3296	-54.66	-13	-41.66	-74.82	-63.20	1.32	12.01	H
									H
									H
									H
	1648	-60.90	-13	-47.90	-73.85	-66.49	0.92	8.66	V
	2472	-51.61	-13	-38.61	-70.07	-58.98	1.14	10.66	V
	3296	-53.84	-13	-40.84	-74.47	-62.38	1.32	12.01	V
									V
									V
									V
Middle	1656	-60.44	-13	-47.44	-73.95	-66.06	0.92	8.69	H
	2488	-52.61	-13	-39.61	-70.95	-60.00	1.15	10.68	H
	3320	-54.36	-13	-41.36	-74.46	-62.95	1.33	12.07	H
									H
									H
									H
	1656	-60.94	-13	-47.94	-73.88	-66.56	0.92	8.69	V
	2488	-49.06	-13	-36.06	-67.59	-56.45	1.15	10.68	V
	3320	-54.24	-13	-41.24	-74.8	-62.83	1.33	12.07	V
									V
									V
									V



Highest	1672	-60.39	-13	-47.39	-73.94	-66.07	0.93	8.75	H
	2504	-52.54	-13	-39.54	-70.89	-59.94	1.15	10.70	H
	3336	-54.56	-13	-41.56	-74.62	-63.19	1.33	12.11	H
									H
									H
									H
									H
	1672	-60.65	-13	-47.65	-73.57	-66.33	0.93	8.75	V
	2504	-49.19	-13	-36.19	-67.75	-56.59	1.15	10.70	V
	3336	-54.34	-13	-41.34	-74.86	-62.97	1.33	12.11	V
									V
									V
									V
									V

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