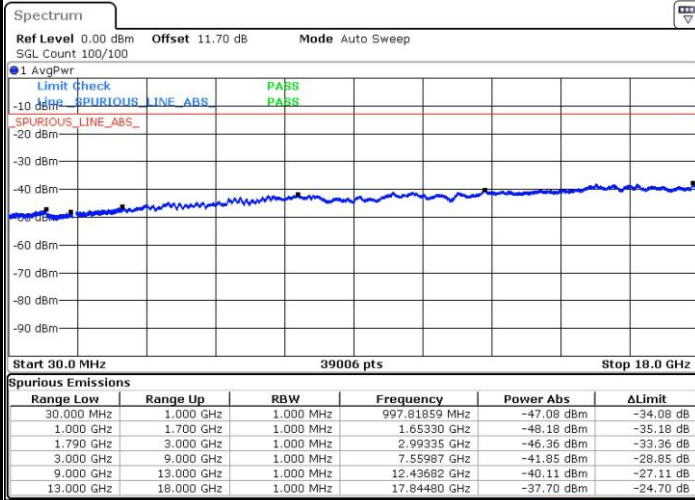




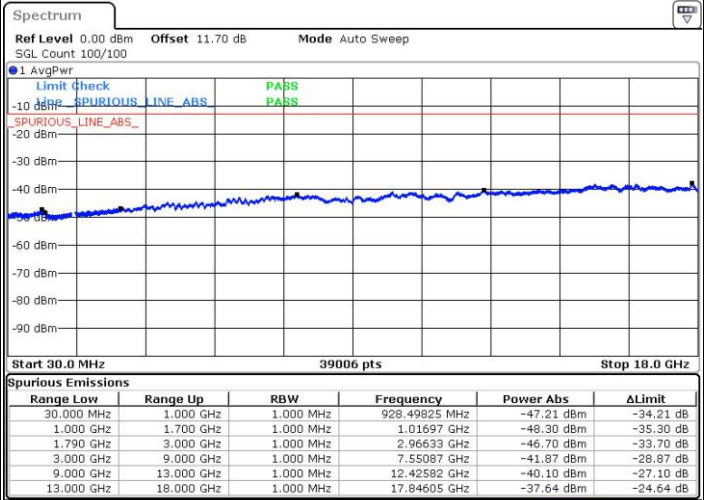
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 20 AUG.2018 00:23:10

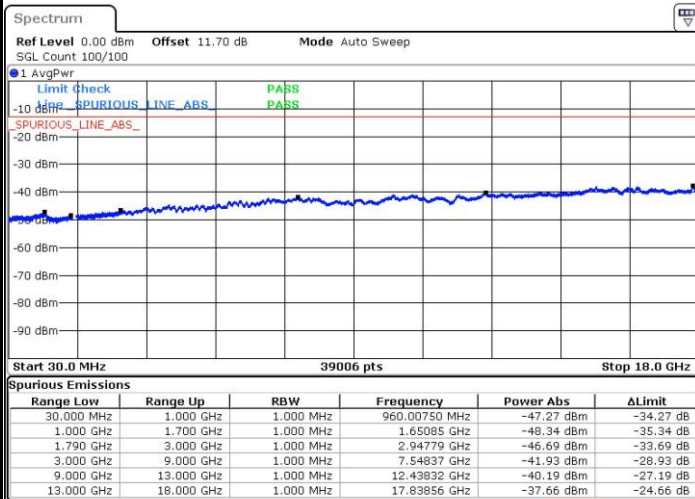
Highest Channel / 16QAM



Date: 20 AUG.2018 00:24:11

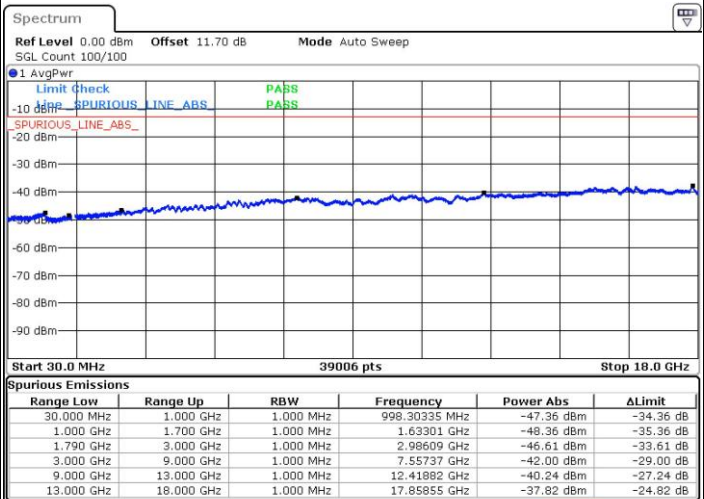
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 20 AUG.2018 00:30:38

Lowest Channel / 16QAM



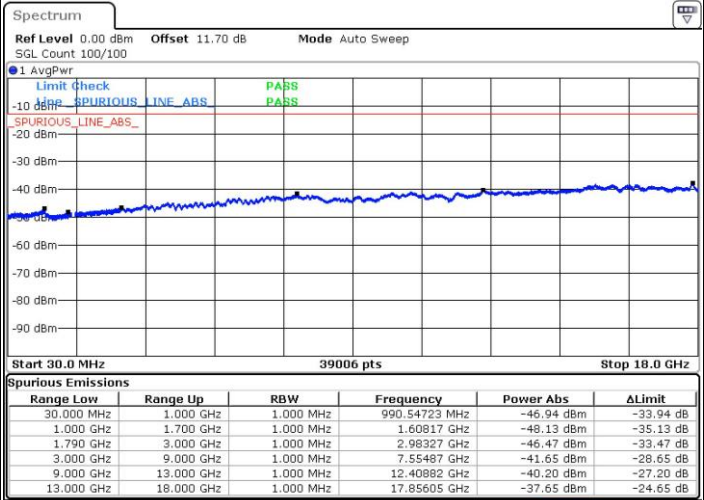
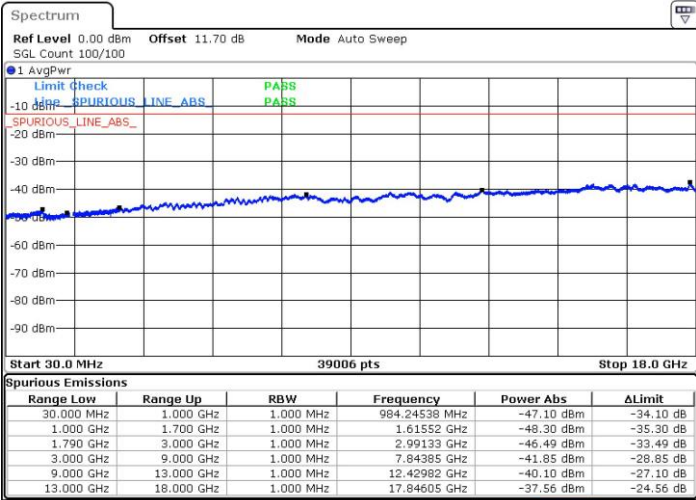
Date: 20 AUG.2018 00:31:39



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

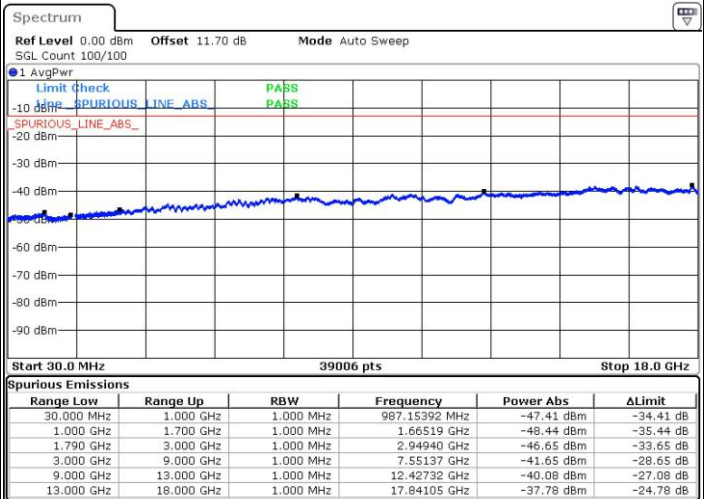
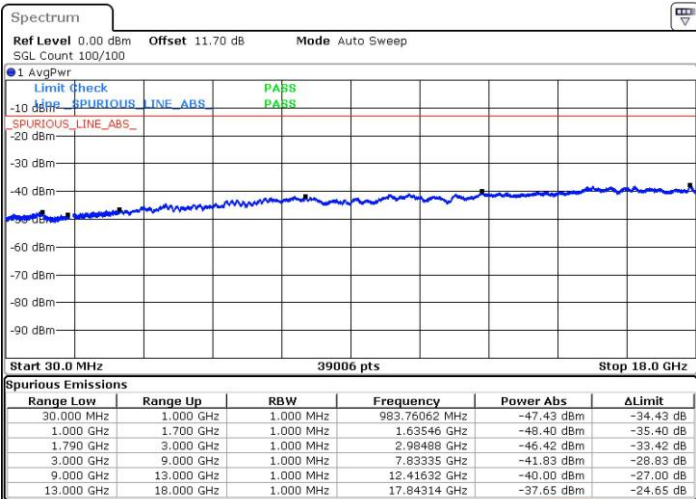


Date: 20 AUG.2018 00:33:26

Date: 20 AUG.2018 00:34:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20 AUG.2018 00:40:54

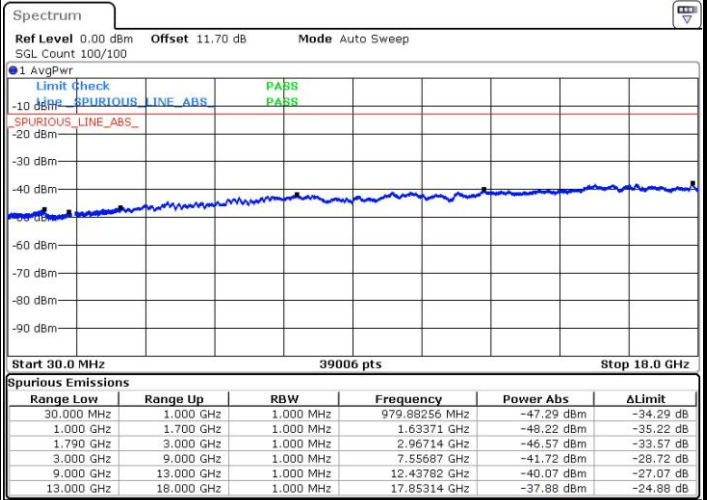
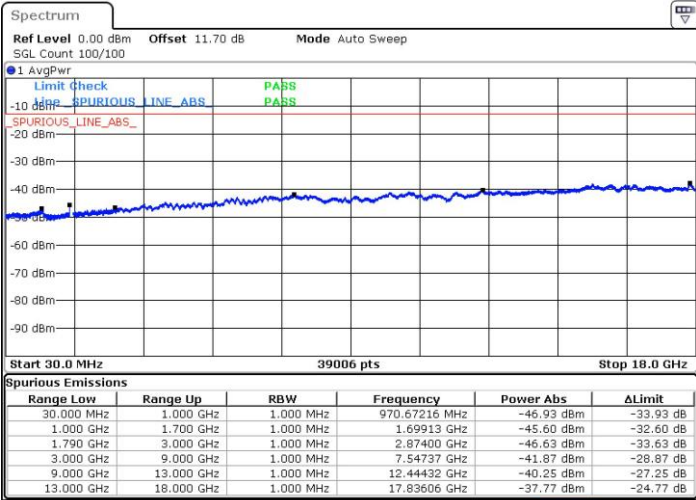
Date: 20 AUG.2018 00:50:10



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

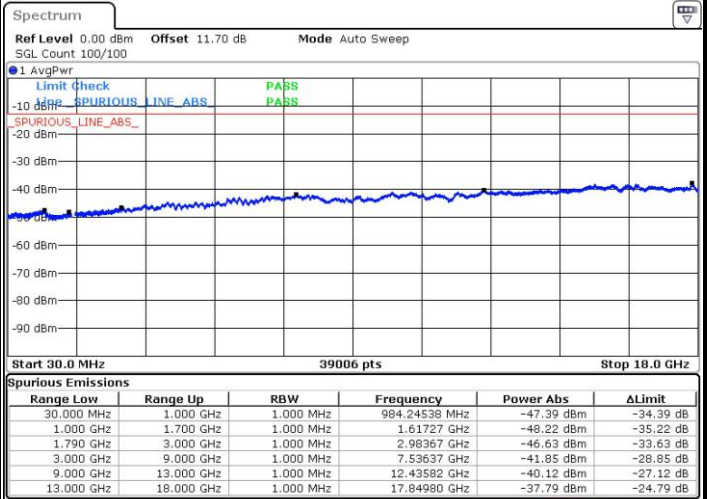
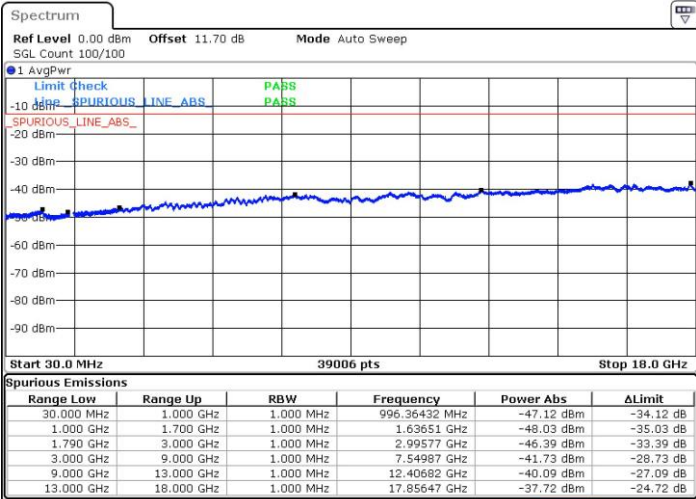


Date: 20 AUG.2018 00:56:37

Date: 20 AUG.2018 00:57:38

Middle Channel / QPSK

Middle Channel / 16QAM



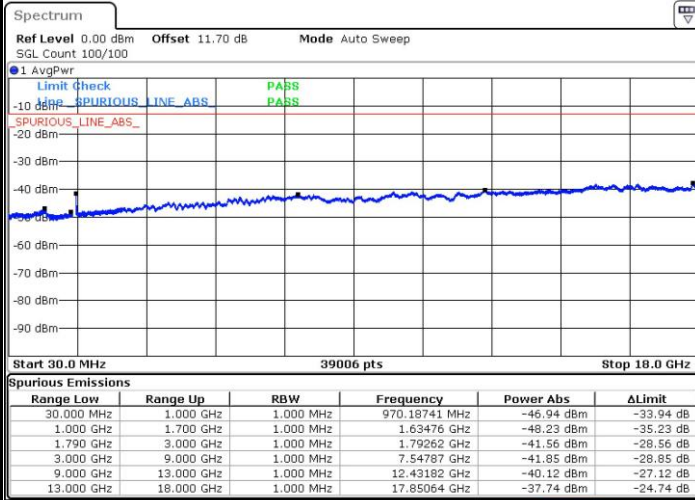
Date: 20 AUG.2018 00:59:25

Date: 20 AUG.2018 01:00:26



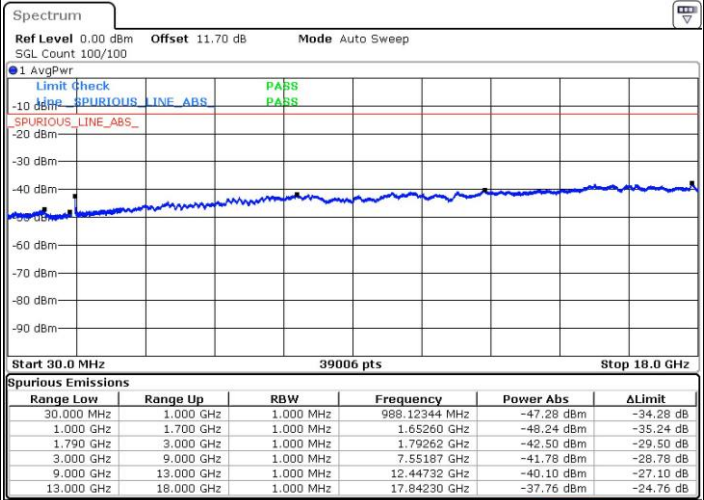
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 20 AUG.2018 01:06:54

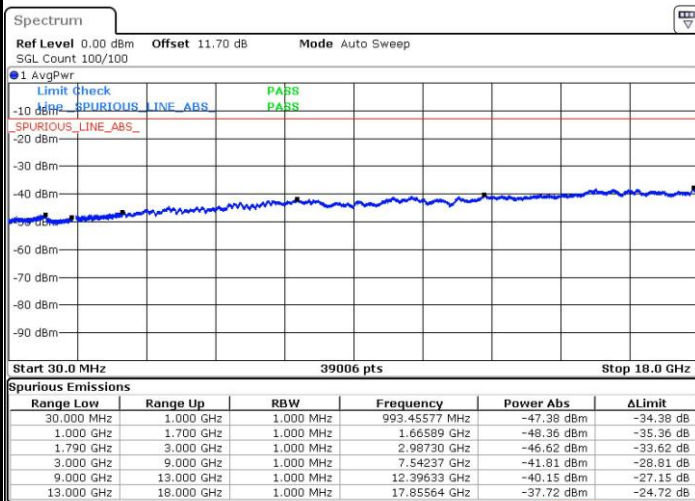
Highest Channel / 16QAM



Date: 20 AUG.2018 01:07:55

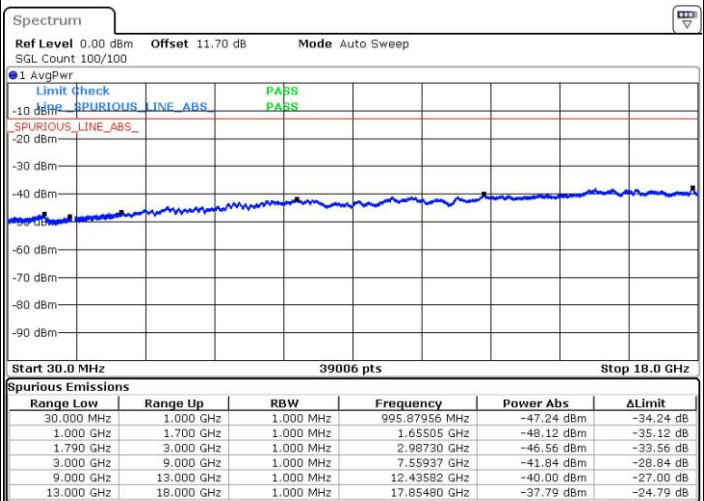
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 20 AUG.2018 01:14:22

Lowest Channel / 16QAM



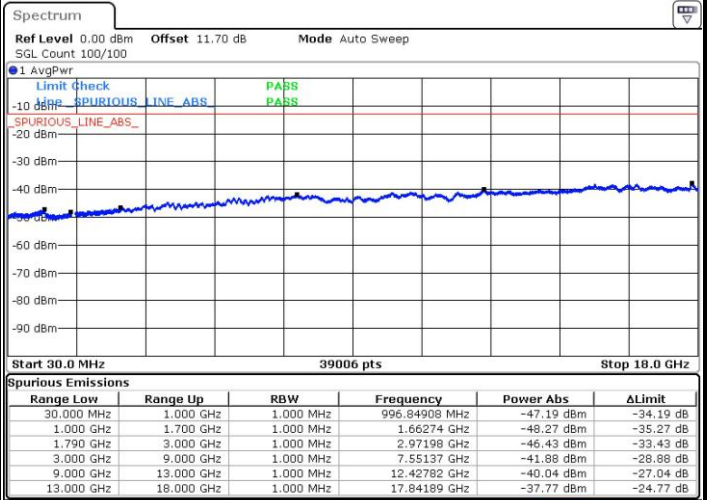
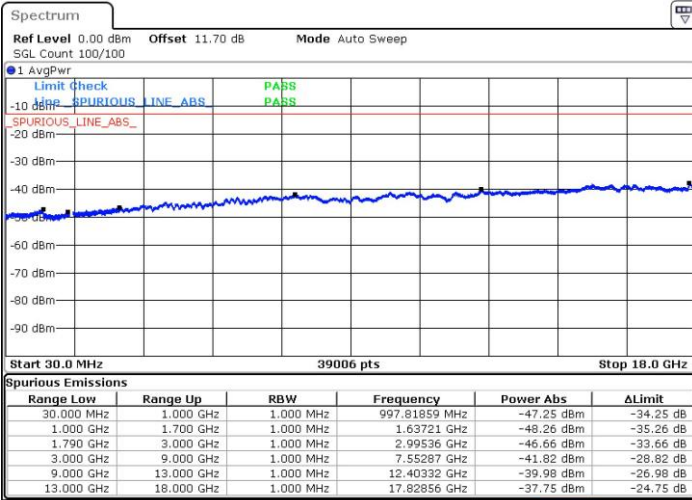
Date: 20 AUG.2018 01:15:23



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

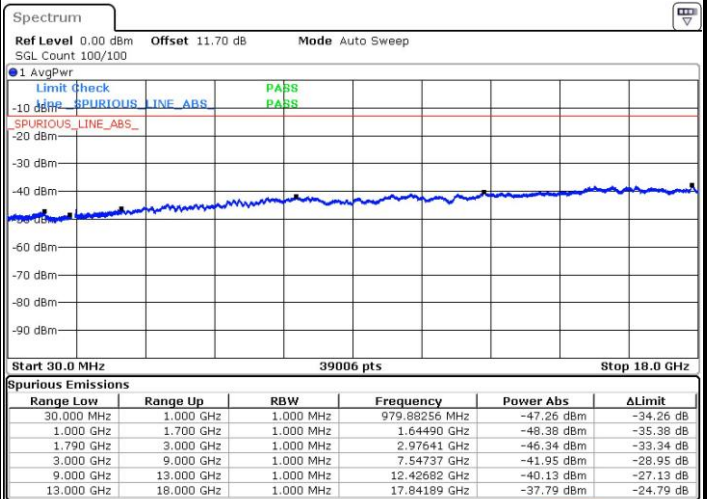
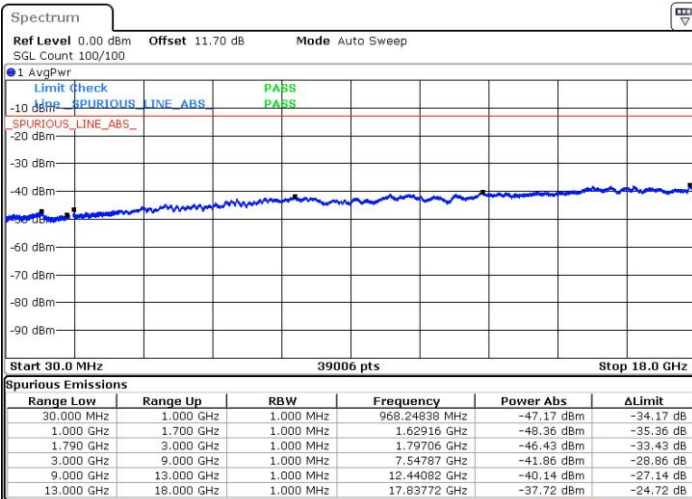


Date: 20 AUG.2018 01:17:10

Date: 20 AUG.2018 01:18:11

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20 AUG.2018 01:24:39

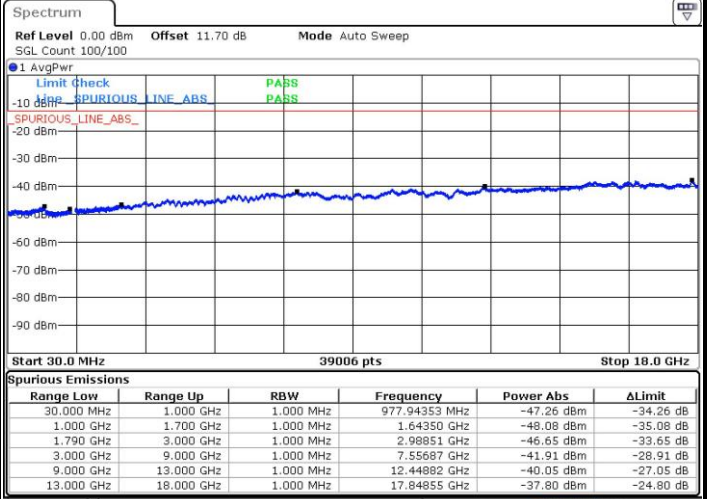
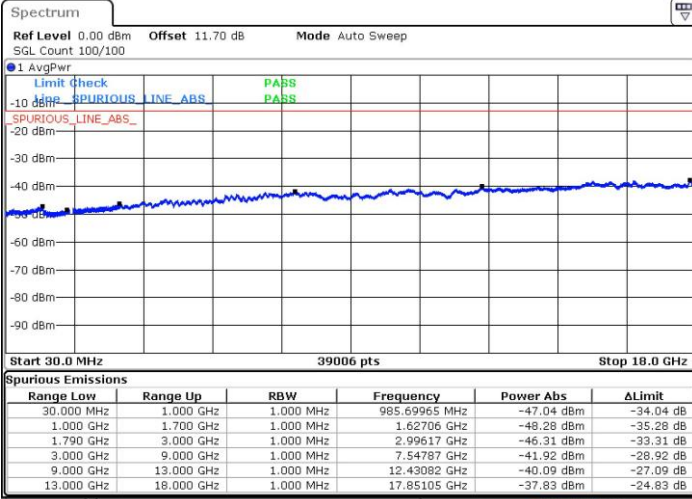
Date: 20 AUG.2018 01:25:40



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

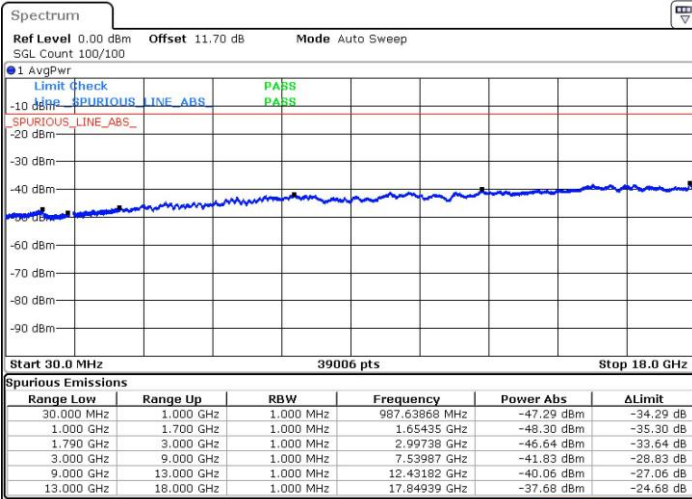
Middle Channel / 64QAM



Date: 19.AUG.2018 23:42:53

Date: 19.AUG.2018 23:44:17

Highest Channel / 64QAM



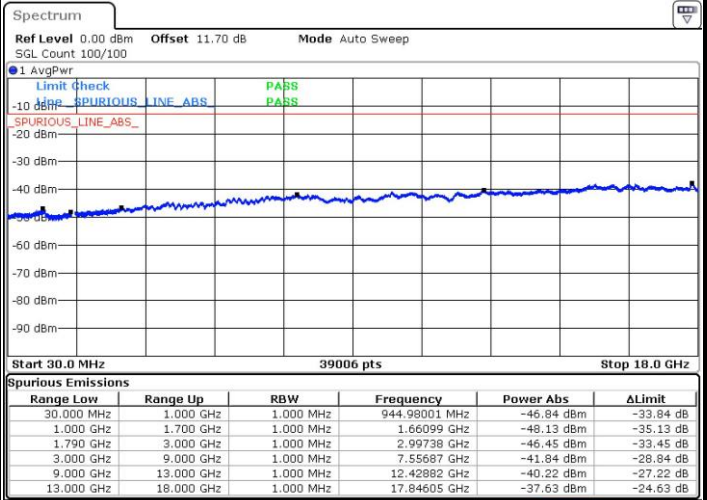
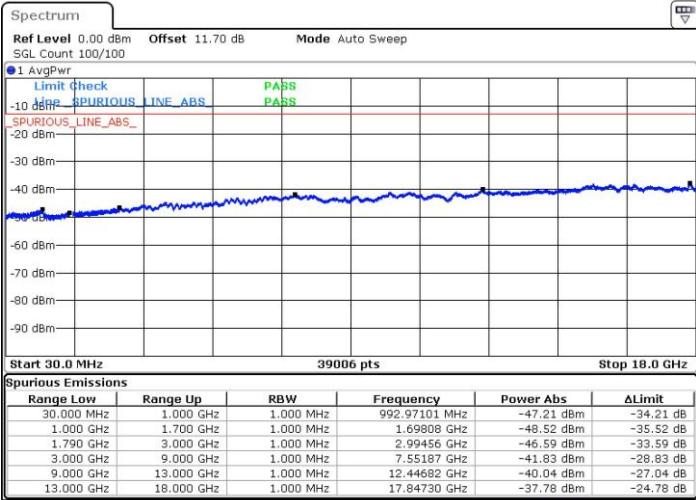
Date: 19.AUG.2018 23:48:01



LTE Band 66 / 3MHz

Lowest Channel / 64QAM

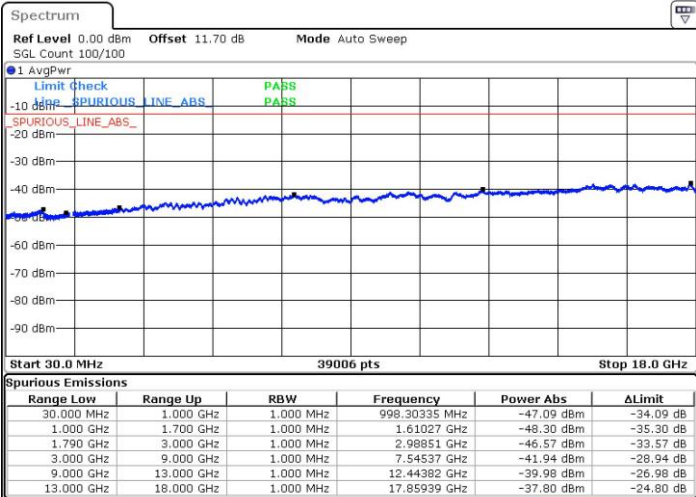
Middle Channel / 64QAM



Date: 20 AUG.2018 01:29:24

Date: 20.AUG.2018 01:30:48

Highest Channel / 64QAM



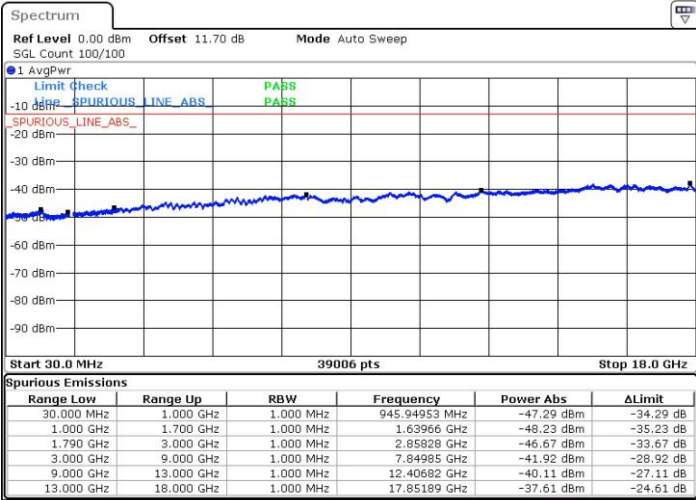
Date: 20 AUG.2018 01:34:32



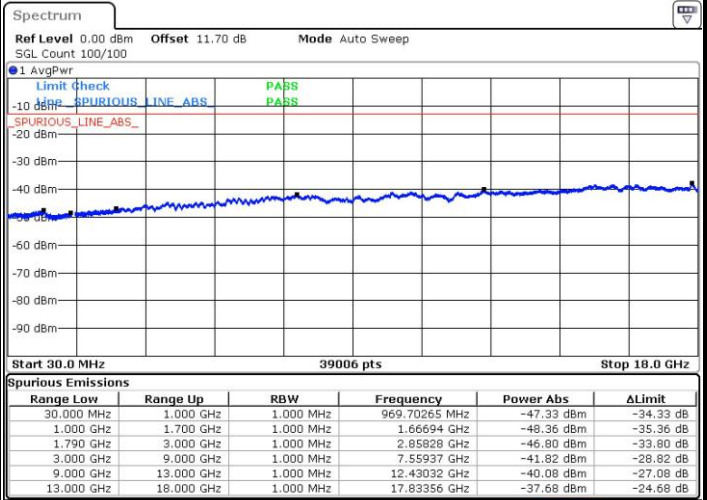
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

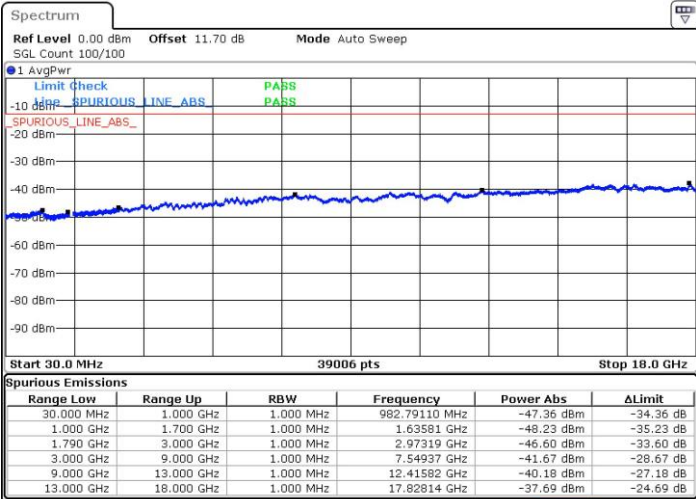


Date: 20 AUG.2018 01:38:16



Date: 20 AUG.2018 01:39:41

Highest Channel / 64QAM

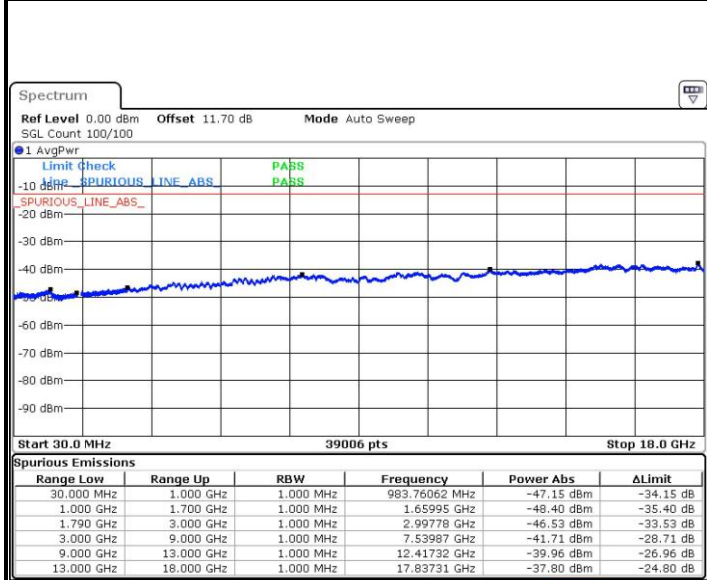


Date: 20 AUG.2018 01:43:25



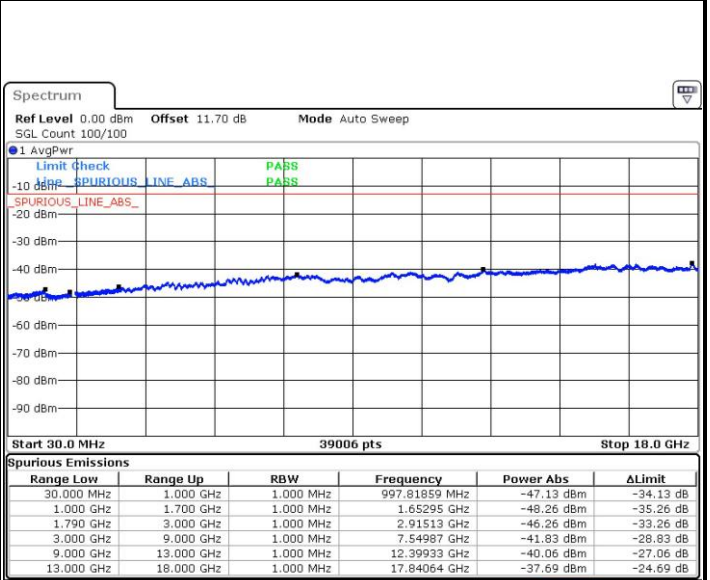
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



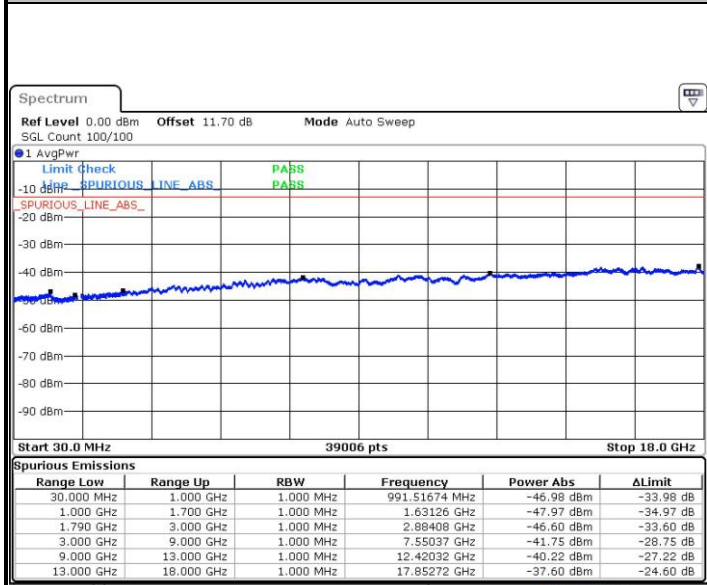
Date: 20 AUG.2018 01:47:09

Middle Channel / 64QAM



Date: 20 AUG.2018 01:48:33

Highest Channel / 64QAM



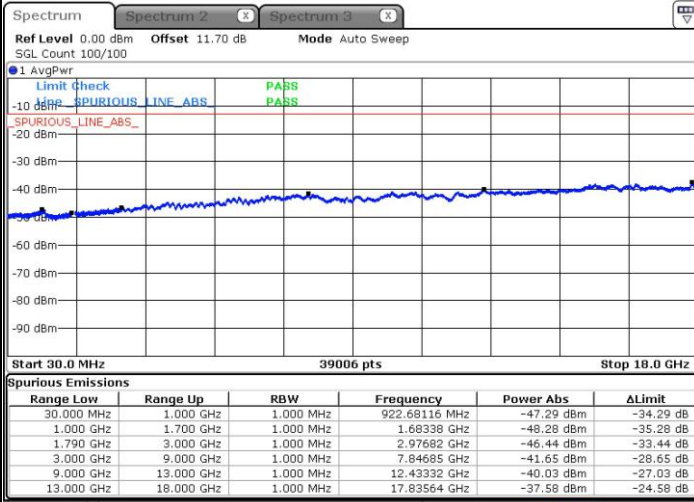
Date: 20 AUG.2018 01:52:17



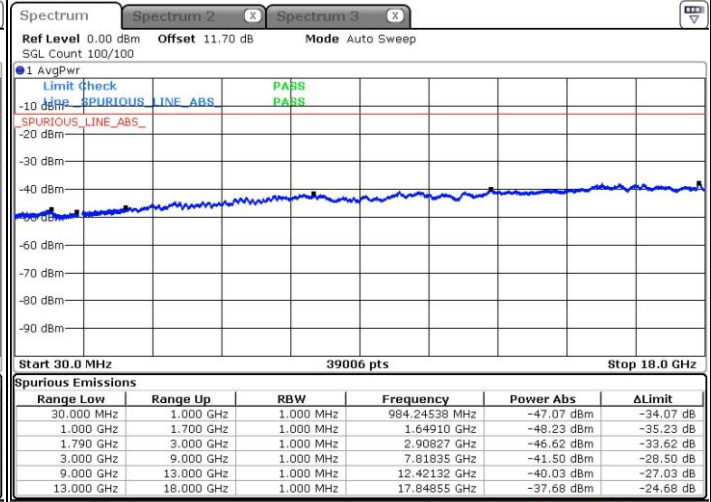
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

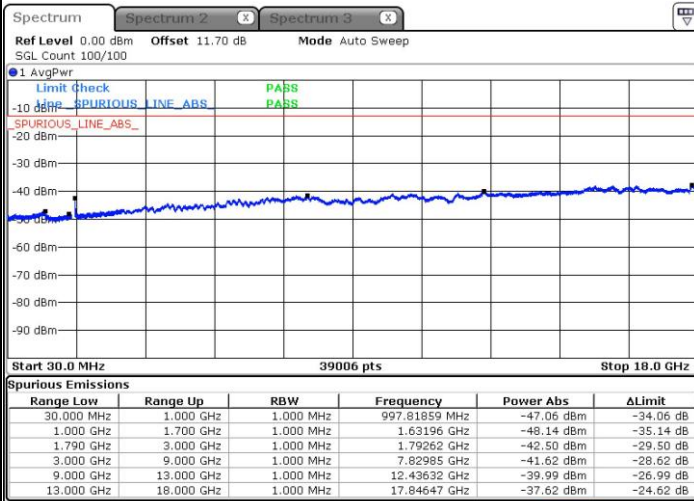


Date: 21 AUG.2018 22:17:50



Date: 21 AUG.2018 22:19:14

Highest Channel / 64QAM



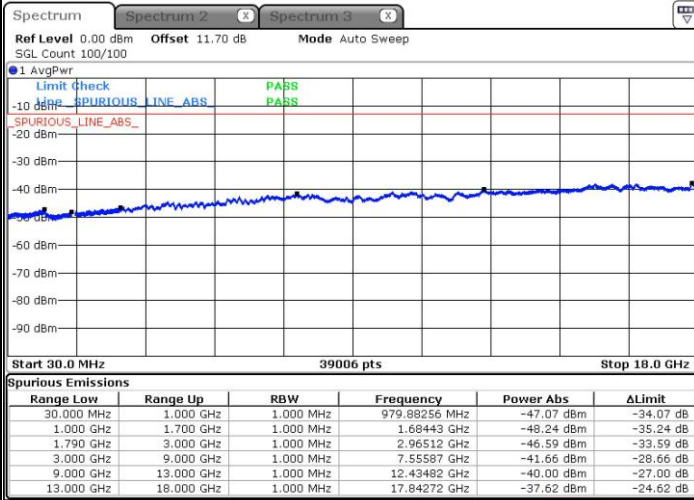
Date: 21 AUG.2018 22:22:58



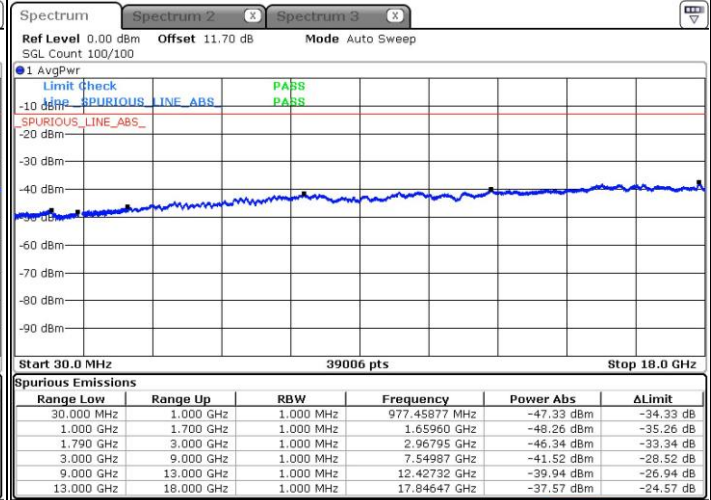
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

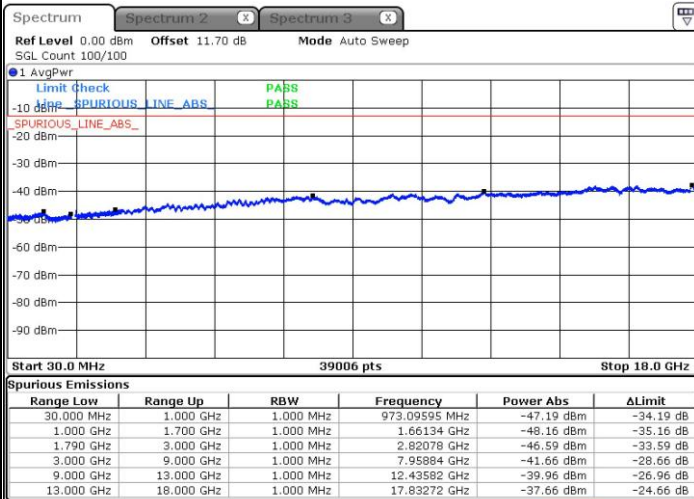


Date: 21.AUG.2018 22:26:43



Date: 21.AUG.2018 22:28:07

Highest Channel / 64QAM



Date: 21.AUG.2018 22:31:51



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	0.0001	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0134	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0121	
0	Normal Voltage	0.0119	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0129	
20	Maximum Voltage	0.0127	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0133	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 0.94 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.18	0.2618	25.12	0.3251
Middle		1	0	24.22	0.2642	25.16	0.3281
Highest		1	0	24.23	0.2649	25.17	0.3289
Lowest	16QAM	3	1	23.50	0.2239	24.44	0.2780
Middle		3	1	23.61	0.2296	24.55	0.2851
Highest		3	1	23.28	0.2128	24.22	0.2642
Lowest	64QAM	1	3	22.32	0.1706	23.26	0.2118
Middle		1	3	22.50	0.1778	23.44	0.2208
Highest		1	3	22.27	0.1687	23.21	0.2094
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 0.94 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.15	0.2600	25.09	0.3228
Middle		1	0	24.24	0.2655	25.18	0.3296
Highest		1	0	24.17	0.2612	25.11	0.3243
Lowest	16QAM	1	8	23.50	0.2239	24.44	0.2780
Middle		1	8	23.57	0.2275	24.51	0.2825
Highest		1	8	23.29	0.2133	24.23	0.2649
Lowest	64QAM	1	0	22.32	0.1706	23.26	0.2118
Middle		1	0	22.46	0.1762	23.40	0.2188
Highest		1	0	22.35	0.1718	23.29	0.2133
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 0.94 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.26	0.2667	25.20	0.3311
Middle		1	0	24.29	0.2685	25.23	0.3334
Highest		1	0	24.21	0.2636	25.15	0.3273
Lowest	16QAM	1	24	23.40	0.2188	24.34	0.2716
Middle		1	24	23.52	0.2249	24.46	0.2793
Highest		1	24	23.34	0.2158	24.28	0.2679
Lowest	64QAM	1	12	22.36	0.1722	23.30	0.2138
Middle		1	12	22.57	0.1807	23.51	0.2244
Highest		1	12	22.34	0.1714	23.28	0.2128
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 0.94 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.27	0.2673	25.21	0.3319
Middle		1	0	24.30	0.2692	25.24	0.3342
Highest		1	0	24.26	0.2667	25.20	0.3311
Lowest	16QAM	1	49	23.45	0.2213	24.39	0.2748
Middle		1	49	23.53	0.2254	24.47	0.2799
Highest		1	49	23.39	0.2183	24.33	0.2710
Lowest	64QAM	1	25	22.37	0.1726	23.31	0.2143
Middle		1	25	22.54	0.1795	23.48	0.2228
Highest		1	25	22.27	0.1687	23.21	0.2094
Limit	EIRP < 2W		Result		PASS		

LTE Band 2 / 15MHz (Average) (GT - LC = 0.94 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	24.11	0.2576	25.05	0.3199
Middle		1	37	24.24	0.2655	25.18	0.3296
Highest		1	37	24.02	0.2523	24.96	0.3133
Lowest	16QAM	1	0	23.47	0.2223	24.41	0.2761
Middle		1	0	23.60	0.2291	24.54	0.2844
Highest		1	0	23.28	0.2128	24.22	0.2642
Lowest	64QAM	1	74	22.53	0.1791	23.47	0.2223
Middle		1	74	22.43	0.1750	23.37	0.2173
Highest		1	74	22.24	0.1675	23.18	0.2080
Limit	EIRP < 2W		Result		PASS		

LTE Band 2 / 20MHz (Average) (GT - LC = 0.94 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.30	0.2692	25.24	0.3342
Middle		1	0	24.43	0.2773	25.37	0.3443
Highest		1	0	24.26	0.2667	25.20	0.3311
Lowest	16QAM	1	0	23.51	0.2244	24.45	0.2786
Middle		1	0	23.62	0.2301	24.56	0.2858
Highest		1	0	23.45	0.2213	24.39	0.2748
Lowest	64QAM	1	49	22.50	0.1778	23.44	0.2208
Middle		1	49	22.58	0.1811	23.52	0.2249
Highest		1	49	22.46	0.1762	23.40	0.2188
Limit	EIRP < 2W		Result		PASS		



LTE Band 25 / 1.4MHz (Average) (GT - LC = 0.91 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	24.55	0.2851	25.46	0.3516
Middle		3	0	24.39	0.2748	25.30	0.3388
Highest		3	0	24.22	0.2642	25.13	0.3258
Lowest	16QAM	3	3	23.76	0.2377	24.67	0.2931
Middle		3	3	23.91	0.2460	24.82	0.3034
Highest		3	3	23.58	0.2280	24.49	0.2812
Lowest	64QAM	3	0	22.71	0.1866	23.62	0.2301
Middle		3	0	22.82	0.1914	23.73	0.2360
Highest		3	0	22.65	0.1841	23.56	0.2270
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = 0.91 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.54	0.2844	25.45	0.3508
Middle		1	0	24.50	0.2818	25.41	0.3475
Highest		1	0	24.37	0.2735	25.28	0.3373
Lowest	16QAM	1	0	23.63	0.2307	24.54	0.2844
Middle		1	0	23.93	0.2472	24.84	0.3048
Highest		1	0	23.61	0.2296	24.52	0.2831
Lowest	64QAM	1	8	22.76	0.1888	23.67	0.2328
Middle		1	8	22.78	0.1897	23.69	0.2339
Highest		1	8	22.50	0.1778	23.41	0.2193
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = 0.91 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.41	0.2761	25.32	0.3404
Middle		1	0	24.58	0.2871	25.49	0.3540
Highest		1	0	24.36	0.2729	25.27	0.3365
Lowest	16QAM	1	12	23.62	0.2301	24.53	0.2838
Middle		1	12	23.92	0.2466	24.83	0.3041
Highest		1	12	23.64	0.2312	24.55	0.2851
Lowest	64QAM	1	12	22.73	0.1875	23.64	0.2312
Middle		1	12	22.84	0.1923	23.75	0.2371
Highest		1	12	22.69	0.1858	23.60	0.2291
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = 0.91 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	24.37	0.2735	25.28	0.3373
Middle		1	25	24.49	0.2812	25.40	0.3467
Highest		1	25	24.27	0.2673	25.18	0.3296
Lowest	16QAM	1	0	23.69	0.2339	24.60	0.2884
Middle		1	0	23.91	0.2460	24.82	0.3034
Highest		1	0	23.72	0.2355	24.63	0.2904
Lowest	64QAM	1	0	22.74	0.1879	23.65	0.2317
Middle		1	0	22.81	0.1910	23.72	0.2355
Highest		1	0	22.57	0.1807	23.48	0.2228
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = 0.91 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	24.49	0.2812	25.40	0.3467
Middle		1	74	24.35	0.2723	25.26	0.3357
Highest		1	74	24.27	0.2673	25.18	0.3296
Lowest	16QAM	1	37	23.72	0.2355	24.63	0.2904
Middle		1	37	23.85	0.2427	24.76	0.2992
Highest		1	37	23.58	0.2280	24.49	0.2812
Lowest	64QAM	1	37	22.87	0.1936	23.78	0.2388
Middle		1	37	22.69	0.1858	23.60	0.2291
Highest		1	37	22.56	0.1803	23.47	0.2223
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = 0.91 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.56	0.2858	25.47	0.3524
Middle		1	0	24.59	0.2877	25.50	0.3548
Highest		1	0	24.46	0.2793	25.37	0.3443
Lowest	16QAM	1	49	23.80	0.2399	24.71	0.2958
Middle		1	49	23.95	0.2483	24.86	0.3062
Highest		1	49	23.78	0.2388	24.69	0.2944
Lowest	64QAM	1	0	22.79	0.1901	23.70	0.2344
Middle		1	0	22.87	0.1936	23.78	0.2388
Highest		1	0	22.65	0.1841	23.56	0.2270
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	24.27	0.2673	23.77	0.2382
Middle		3	0	24.35	0.2723	23.85	0.2427
Highest		3	0	24.57	0.2864	24.07	0.2553
Lowest	16QAM	3	1	23.44	0.2208	22.94	0.1968
Middle		3	1	23.65	0.2317	23.15	0.2065
Highest		3	1	23.56	0.2270	23.06	0.2023
Lowest	64QAM	3	1	22.40	0.1738	21.90	0.1549
Middle		3	1	22.64	0.1837	22.14	0.1637
Highest		3	1	22.56	0.1803	22.06	0.1607
Limit	EIRP < 1W		Result		PASS		

LTE Band 4 / 3MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.40	0.2754	23.90	0.2455
Middle		1	0	24.33	0.2710	23.83	0.2415
Highest		1	0	24.55	0.2851	24.05	0.2541
Lowest	16QAM	1	14	23.37	0.2173	22.87	0.1936
Middle		1	14	23.64	0.2312	23.14	0.2061
Highest		1	14	23.60	0.2291	23.10	0.2042
Lowest	64QAM	1	14	22.56	0.1803	22.06	0.1607
Middle		1	14	22.62	0.1828	22.12	0.1629
Highest		1	14	22.50	0.1778	22.00	0.1585
Limit	EIRP < 1W		Result		PASS		

LTE Band 4 / 5MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.28	0.2679	23.78	0.2388
Middle		1	0	24.38	0.2742	23.88	0.2443
Highest		1	0	24.51	0.2825	24.01	0.2518
Lowest	16QAM	1	0	23.48	0.2228	22.98	0.1986
Middle		1	0	23.51	0.2244	23.01	0.2000
Highest		1	0	23.71	0.2350	23.21	0.2094
Lowest	64QAM	1	12	22.29	0.1694	21.79	0.1510
Middle		1	12	22.48	0.1770	21.98	0.1578
Highest		1	12	22.55	0.1799	22.05	0.1603
Limit	EIRP < 1W		Result		PASS		



LTE Band 4 / 10MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.41	0.2761	23.91	0.2460
Middle		1	0	24.31	0.2698	23.81	0.2404
Highest		1	0	24.37	0.2735	23.87	0.2438
Lowest	16QAM	1	49	23.48	0.2228	22.98	0.1986
Middle		1	49	23.58	0.2280	23.08	0.2032
Highest		1	49	23.44	0.2208	22.94	0.1968
Lowest	64QAM	1	0	22.26	0.1683	21.76	0.1500
Middle		1	0	22.54	0.1795	22.04	0.1600
Highest		1	0	22.61	0.1824	22.11	0.1626
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.41	0.2761	23.91	0.2460
Middle		1	0	24.47	0.2799	23.97	0.2495
Highest		1	0	24.53	0.2838	24.03	0.2529
Lowest	16QAM	1	0	23.43	0.2203	22.93	0.1963
Middle		1	0	23.56	0.2270	23.06	0.2023
Highest		1	0	23.61	0.2296	23.11	0.2046
Lowest	64QAM	1	0	22.32	0.1706	21.82	0.1521
Middle		1	0	22.43	0.1750	21.93	0.1560
Highest		1	0	22.63	0.1832	22.13	0.1633
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.45	0.2786	23.95	0.2483
Middle		1	0	24.51	0.2825	24.01	0.2518
Highest		1	0	24.57	0.2864	24.07	0.2553
Lowest	16QAM	1	0	23.63	0.2307	23.13	0.2056
Middle		1	0	23.65	0.2317	23.15	0.2065
Highest		1	0	23.71	0.2350	23.21	0.2094
Lowest	64QAM	1	0	22.45	0.1758	21.95	0.1567
Middle		1	0	22.60	0.1820	22.10	0.1622
Highest		1	0	22.66	0.1845	22.16	0.1644
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = 1.53 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	23.43	0.2203	22.81	0.1910
Middle		3	0	23.60	0.2291	22.98	0.1986
Highest		3	0	23.60	0.2291	22.98	0.1986
Lowest	16QAM	1	5	22.86	0.1932	22.24	0.1675
Middle		1	5	22.75	0.1884	22.13	0.1633
Highest		1	5	22.70	0.1862	22.08	0.1614
Lowest	64QAM	1	3	21.70	0.1479	21.08	0.1282
Middle		1	3	21.82	0.1521	21.20	0.1318
Highest		1	3	21.79	0.1510	21.17	0.1309
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 1.53 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.52	0.2249	22.90	0.1950
Middle		1	0	23.53	0.2254	22.91	0.1954
Highest		1	0	23.58	0.2280	22.96	0.1977
Lowest	16QAM	1	8	22.68	0.1854	22.06	0.1607
Middle		1	8	22.88	0.1941	22.26	0.1683
Highest		1	8	22.64	0.1837	22.02	0.1592
Lowest	64QAM	1	14	21.85	0.1531	21.23	0.1327
Middle		1	14	20.76	0.1191	20.14	0.1033
Highest		1	14	21.67	0.1469	21.05	0.1274
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 1.53 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.56	0.2270	22.94	0.1968
Middle		1	0	23.49	0.2234	22.87	0.1936
Highest		1	0	23.42	0.2198	22.80	0.1905
Lowest	16QAM	1	24	22.82	0.1914	22.20	0.1660
Middle		1	24	22.74	0.1879	22.12	0.1629
Highest		1	24	22.63	0.1832	22.01	0.1589
Lowest	64QAM	1	12	21.61	0.1449	20.99	0.1256
Middle		1	12	21.80	0.1514	21.18	0.1312
Highest		1	12	21.74	0.1493	21.12	0.1294
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = 1.53 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.61	0.2296	22.99	0.1991
Middle		1	0	23.63	0.2307	23.01	0.2000
Highest		1	0	23.62	0.2301	23.00	0.1995
Lowest	16QAM	1	49	22.93	0.1963	22.31	0.1702
Middle		1	49	22.80	0.1905	22.18	0.1652
Highest		1	49	22.80	0.1905	22.18	0.1652
Lowest	64QAM	1	49	21.88	0.1542	21.26	0.1337
Middle		1	49	20.91	0.1233	20.29	0.1069
Highest		1	49	21.69	0.1476	21.07	0.1279
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.46	0.2218	24.12	0.2582
Middle		1.00	0.00	23.60	0.2291	24.26	0.2667
Highest		1.00	0.00	23.29	0.2133	23.95	0.2483
Lowest	16QAM	1.00	0.00	22.67	0.1849	23.33	0.2153
Middle		1.00	0.00	22.88	0.1941	23.54	0.2259
Highest		1.00	0.00	22.60	0.1820	23.26	0.2118
Lowest	64QAM	1.00	0.00	21.64	0.1459	22.30	0.1698
Middle		1.00	0.00	21.84	0.1528	22.50	0.1778
Highest		1.00	0.00	21.57	0.1435	22.23	0.1671
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	49	23.54	0.2259	24.20	0.2630
Middle		1.00	49	23.61	0.2296	24.27	0.2673
Highest		1.00	49	23.51	0.2244	24.17	0.2612
Lowest	16QAM	1.00	49	22.95	0.1972	23.61	0.2296
Middle		1.00	49	22.85	0.1928	23.51	0.2244
Highest		1.00	49	22.79	0.1901	23.45	0.2213
Lowest	64QAM	1.00	49	21.92	0.1556	22.58	0.1811
Middle		1.00	49	21.78	0.1507	22.44	0.1754
Highest		1.00	49	21.68	0.1472	22.34	0.1714
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	74.00	23.58	0.2280	24.24	0.2655
Middle		1.00	74.00	23.62	0.2301	24.28	0.2679
Highest		1.00	74.00	23.60	0.2291	24.26	0.2667
Lowest	16QAM	1.00	74.00	23.15	0.2065	23.81	0.2404
Middle		1.00	74.00	22.94	0.1968	23.60	0.2291
Highest		1.00	74.00	22.89	0.1945	23.55	0.2265
Lowest	64QAM	1.00	74.00	22.00	0.1585	22.66	0.1845
Middle		1.00	74.00	21.85	0.1531	22.51	0.1782
Highest		1.00	74.00	21.78	0.1507	22.44	0.1754
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.63	0.2307	24.29	0.2685
Middle		1.00	0.00	23.61	0.2296	24.27	0.2673
Highest		1.00	0.00	23.48	0.2228	24.14	0.2594
Lowest	16QAM	1.00	99.00	23.18	0.2080	23.84	0.2421
Middle		1.00	99.00	22.77	0.1892	23.43	0.2203
Highest		1.00	99.00	22.82	0.1914	23.48	0.2228
Lowest	64QAM	1.00	99.00	22.10	0.1622	22.76	0.1888
Middle		1.00	99.00	21.76	0.1500	22.42	0.1746
Highest		1.00	99.00	21.81	0.1517	22.47	0.1766
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = 0.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	24.44	0.2780	22.86	0.1932
Middle		3	0	24.27	0.2673	22.69	0.1858
Highest		3	0	24.53	0.2838	22.95	0.1972
Lowest	16QAM	1	3	23.61	0.2296	22.03	0.1596
Middle		1	3	23.53	0.2254	21.95	0.1567
Highest		1	3	23.50	0.2239	21.92	0.1556
Lowest	64QAM	3	3	22.43	0.1750	20.85	0.1216
Middle		3	3	22.31	0.1702	20.73	0.1183
Highest		3	3	22.55	0.1799	20.97	0.1250
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = 0.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.51	0.2825	22.93	0.1963
Middle		1	0	24.36	0.2729	22.78	0.1897
Highest		1	0	24.39	0.2748	22.81	0.1910
Lowest	16QAM	1	8	23.60	0.2291	22.02	0.1592
Middle		1	8	23.39	0.2183	21.81	0.1517
Highest		1	8	23.57	0.2275	21.99	0.1581
Lowest	64QAM	1	8	22.51	0.1782	20.93	0.1239
Middle		1	8	22.52	0.1786	20.94	0.1242
Highest		1	8	22.40	0.1738	20.82	0.1208
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = 0.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.40	0.2754	22.82	0.1914
Middle		1	0	24.35	0.2723	22.77	0.1892
Highest		1	0	24.53	0.2838	22.95	0.1972
Lowest	16QAM	1	12	23.57	0.2275	21.99	0.1581
Middle		1	12	23.41	0.2193	21.83	0.1524
Highest		1	12	23.57	0.2275	21.99	0.1581
Lowest	64QAM	1	24	22.45	0.1758	20.87	0.1222
Middle		1	24	22.33	0.1710	20.75	0.1189
Highest		1	24	22.57	0.1807	20.99	0.1256
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = 0.57 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.51	0.2825	22.93	0.1963
Middle		1	0	24.47	0.2799	22.89	0.1945
Highest		1	0	24.54	0.2844	22.96	0.1977
Lowest	16QAM	1	25	23.72	0.2355	22.14	0.1637
Middle		1	25	23.58	0.2280	22.00	0.1585
Highest		1	25	23.57	0.2275	21.99	0.1581
Lowest	64QAM	1	25	22.68	0.1854	21.10	0.1288
Middle		1	25	22.54	0.1795	20.96	0.1247
Highest		1	25	22.50	0.1778	20.92	0.1236
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.87	0.2438	22.38	0.1730
Middle		1	0	23.87	0.2438	22.38	0.1730
Highest		1	0	23.99	0.2506	22.50	0.1778
Lowest	16QAM	1	0	22.96	0.1977	21.47	0.1403
Middle		1	0	23.09	0.2037	21.60	0.1445
Highest		1	0	23.09	0.2037	21.60	0.1445
Lowest	64QAM	1	0	21.91	0.1552	20.42	0.1102
Middle		1	0	22.04	0.1600	20.55	0.1135
Highest		1	0	22.01	0.1589	20.52	0.1127
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.05	0.2541	22.56	0.1803
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	23.10	0.2042	21.61	0.1449
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	22.08	0.1614	20.59	0.1146
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = 0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	12.00	23.55	0.2265	23.82	0.2410
Middle		1.00	12.00	23.48	0.2228	23.75	0.2371
Highest		1.00	12.00	23.43	0.2203	23.70	0.2344
Lowest	16QAM	1.00	24.00	22.58	0.1811	22.85	0.1928
Middle		1.00	24.00	22.64	0.1837	22.91	0.1954
Highest		1.00	24.00	22.62	0.1828	22.89	0.1945
Lowest	64QAM	1.00	24.00	21.37	0.1371	21.64	0.1459
Middle		1.00	24.00	21.39	0.1377	21.66	0.1466
Highest		1.00	24.00	21.35	0.1365	21.62	0.1452
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = 0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.56	0.2270	23.83	0.2415
Middle		1.00	0.00	23.55	0.2265	23.82	0.2410
Highest		1.00	0.00	24.04	0.2535	24.31	0.2698
Lowest	16QAM	1.00	0.00	22.58	0.1811	22.85	0.1928
Middle		1.00	0.00	22.63	0.1832	22.90	0.1950
Highest		1.00	0.00	23.23	0.2104	23.50	0.2239
Lowest	64QAM	1.00	0.00	21.36	0.1368	21.63	0.1455
Middle		1.00	0.00	21.40	0.1380	21.67	0.1469
Highest		1.00	0.00	21.96	0.1570	22.23	0.1671
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = 0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	74.00	23.62	0.2301	23.89	0.2449
Middle		1.00	74.00	23.59	0.2286	23.86	0.2432
Highest		1.00	74.00	23.48	0.2228	23.75	0.2371
Lowest	16QAM	1.00	74.00	22.68	0.1854	22.95	0.1972
Middle		1.00	74.00	22.76	0.1888	23.03	0.2009
Highest		1.00	74.00	22.62	0.1828	22.89	0.1945
Lowest	64QAM	1.00	74.00	21.47	0.1403	21.74	0.1493
Middle		1.00	74.00	21.47	0.1403	21.74	0.1493
Highest		1.00	74.00	21.43	0.1390	21.70	0.1479
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = 0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.56	0.2270	23.83	0.2415
Middle		1.00	0.00	23.56	0.2270	23.83	0.2415
Highest		1.00	0.00	24.99	0.3155	25.26	0.3357
Lowest	16QAM	1.00	0.00	22.62	0.1828	22.89	0.1945
Middle		1.00	0.00	22.70	0.1862	22.97	0.1982
Highest		1.00	0.00	23.97	0.2495	24.24	0.2655
Lowest	64QAM	1.00	0.00	21.40	0.1380	21.67	0.1469
Middle		1.00	0.00	21.41	0.1384	21.68	0.1472
Highest		1.00	0.00	22.93	0.1963	23.20	0.2089
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = 1.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.49	0.2234	23.21	0.2094
Middle		1	0	23.67	0.2328	23.39	0.2183
Highest		1	0	23.47	0.2223	23.19	0.2084
Lowest	16QAM	3	1	22.71	0.1866	22.43	0.1750
Middle		3	1	22.89	0.1945	22.61	0.1824
Highest		3	1	22.80	0.1905	22.52	0.1786
Lowest	64QAM	1	5	21.77	0.1503	21.49	0.1409
Middle		1	5	21.87	0.1538	21.59	0.1442
Highest		1	5	21.88	0.1542	21.60	0.1445
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = 1.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	23.43	0.2203	23.15	0.2065
Middle		1	14	23.59	0.2286	23.31	0.2143
Highest		1	14	23.39	0.2183	23.11	0.2046
Lowest	16QAM	1	14	22.88	0.1941	22.60	0.1820
Middle		1	14	22.92	0.1959	22.64	0.1837
Highest		1	14	22.96	0.1977	22.68	0.1854
Lowest	64QAM	1	14	21.72	0.1486	21.44	0.1393
Middle		1	14	21.78	0.1507	21.50	0.1413
Highest		1	14	21.86	0.1535	21.58	0.1439
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = 1.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.53	0.2254	23.25	0.2113
Middle		1	0	23.64	0.2312	23.36	0.2168
Highest		1	0	23.59	0.2286	23.31	0.2143
Lowest	16QAM	1	24	22.71	0.1866	22.43	0.1750
Middle		1	24	22.89	0.1945	22.61	0.1824
Highest		1	24	22.87	0.1936	22.59	0.1816
Lowest	64QAM	1	24	21.78	0.1507	21.50	0.1413
Middle		1	24	21.84	0.1528	21.56	0.1432
Highest		1	24	21.77	0.1503	21.49	0.1409
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = 1.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.53	0.2254	23.25	0.2113
Middle		1	0	23.64	0.2312	23.36	0.2168
Highest		1	0	23.57	0.2275	23.29	0.2133
Lowest	16QAM	1	0	22.70	0.1862	22.42	0.1746
Middle		1	0	22.88	0.1941	22.60	0.1820
Highest		1	0	22.66	0.1845	22.38	0.1730
Lowest	64QAM	1	0	21.64	0.1459	21.36	0.1368
Middle		1	0	21.59	0.1442	21.31	0.1352
Highest		1	0	21.86	0.1535	21.58	0.1439
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = 1.87 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.58	0.2280	23.30	0.2138
Middle		1	0	23.70	0.2344	23.42	0.2198
Highest		1	0	23.65	0.2317	23.37	0.2173
Lowest	16QAM	1	74	22.88	0.1941	22.60	0.1820
Middle		1	74	22.95	0.1972	22.67	0.1849
Highest		1	74	22.96	0.1977	22.68	0.1854
Lowest	64QAM	1	74	21.81	0.1517	21.53	0.1422
Middle		1	74	21.90	0.1549	21.62	0.1452
Highest		1	74	21.89	0.1545	21.61	0.1449
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	12.00	23.69	0.2339	24.35	0.2723
Middle		1.00	12.00	23.78	0.2388	24.44	0.2780
Highest		1.00	12.00	23.85	0.2427	24.51	0.2825
Lowest	16QAM	1.00	0.00	22.73	0.1875	23.39	0.2183
Middle		1.00	0.00	22.96	0.1977	23.62	0.2301
Highest		1.00	0.00	22.98	0.1986	23.64	0.2312
Lowest	64QAM	1.00	12.00	21.47	0.1403	22.13	0.1633
Middle		1.00	12.00	21.55	0.1429	22.21	0.1663
Highest		1.00	12.00	21.71	0.1483	22.37	0.1726
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	49	23.74	0.2366	24.40	0.2754
Middle		1.00	49	23.89	0.2449	24.55	0.2851
Highest		1.00	49	23.86	0.2432	24.52	0.2831
Lowest	16QAM	1.00	49	22.84	0.1923	23.50	0.2239
Middle		1.00	49	22.95	0.1972	23.61	0.2296
Highest		1.00	49	23.02	0.2004	23.68	0.2333
Lowest	64QAM	1.00	0.00	21.53	0.1422	22.19	0.1656
Middle		1.00	0.00	21.72	0.1486	22.38	0.1730
Highest		1.00	0.00	21.77	0.1503	22.43	0.1750
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	74.00	23.86	0.2432	24.52	0.2831
Middle		1.00	74.00	23.92	0.2466	24.58	0.2871
Highest		1.00	74.00	23.87	0.2438	24.53	0.2838
Lowest	16QAM	1.00	74.00	23.05	0.2018	23.71	0.2350
Middle		1.00	74.00	23.09	0.2037	23.75	0.2371
Highest		1.00	74.00	23.10	0.2042	23.76	0.2377
Lowest	64QAM	1.00	74.00	21.80	0.1514	22.46	0.1762
Middle		1.00	74.00	21.83	0.1524	22.49	0.1774
Highest		1.00	74.00	21.81	0.1517	22.47	0.1766
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = 0.66 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	23.85	0.2427	24.51	0.2825
Middle		1.00	0.00	23.93	0.2472	24.59	0.2877
Highest		1.00	0.00	23.90	0.2455	24.56	0.2858
Lowest	16QAM	1.00	99.00	22.99	0.1991	23.65	0.2317
Middle		1.00	99.00	23.01	0.2000	23.67	0.2328
Highest		1.00	99.00	23.04	0.2014	23.70	0.2344
Lowest	64QAM	1.00	99.00	21.69	0.1476	22.35	0.1718
Middle		1.00	99.00	21.78	0.1507	22.44	0.1754
Highest		1.00	99.00	21.80	0.1514	22.46	0.1762
Limit	EIRP < 2W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = -0.95 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.12	0.2582	23.17	0.2075
Middle		1	0	24.30	0.2692	23.35	0.2163
Highest		1	0	24.31	0.2698	23.36	0.2168
Lowest	16QAM	1	3	23.34	0.2158	22.39	0.1734
Middle		1	3	23.69	0.2339	22.74	0.1879
Highest		1	3	23.51	0.2244	22.56	0.1803
Lowest	64QAM	3	1	22.29	0.1694	21.34	0.1361
Middle		3	1	22.58	0.1811	21.63	0.1455
Highest		3	1	22.58	0.1811	21.63	0.1455
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -0.95 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.01	0.2518	23.06	0.2023
Middle		1	0	24.22	0.2642	23.27	0.2123
Highest		1	0	24.29	0.2685	23.34	0.2158
Lowest	16QAM	1	8	23.39	0.2183	22.44	0.1754
Middle		1	8	23.64	0.2312	22.69	0.1858
Highest		1	8	23.47	0.2223	22.52	0.1786
Lowest	64QAM	1	8	22.42	0.1746	21.47	0.1403
Middle		1	8	22.56	0.1803	21.61	0.1449
Highest		1	8	22.61	0.1824	21.66	0.1466
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -0.95 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.06	0.2547	23.11	0.2046
Middle		1	0	24.16	0.2606	23.21	0.2094
Highest		1	0	24.30	0.2692	23.35	0.2163
Lowest	16QAM	1	0	23.23	0.2104	22.28	0.1690
Middle		1	0	23.57	0.2275	22.62	0.1828
Highest		1	0	23.56	0.2270	22.61	0.1824
Lowest	64QAM	1	12	22.28	0.1690	21.33	0.1358
Middle		1	12	22.63	0.1832	21.68	0.1472
Highest		1	12	22.55	0.1799	21.60	0.1445
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -0.95 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	24.06	0.2547	23.11	0.2046
Middle		1	25	24.19	0.2624	23.24	0.2109
Highest		1	25	24.12	0.2582	23.17	0.2075
Lowest	16QAM	1	0	23.18	0.2080	22.23	0.1671
Middle		1	0	23.48	0.2228	22.53	0.1791
Highest		1	0	23.50	0.2239	22.55	0.1799
Lowest	64QAM	1	25	22.31	0.1702	21.36	0.1368
Middle		1	25	22.65	0.1841	21.70	0.1479
Highest		1	25	22.54	0.1795	21.59	0.1442
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = -0.95 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	24.01	0.2518	23.06	0.2023
Middle		1	37	24.09	0.2564	23.14	0.2061
Highest		1	37	24.21	0.2636	23.26	0.2118
Lowest	16QAM	1	37	23.45	0.2213	22.50	0.1778
Middle		1	37	23.53	0.2254	22.58	0.1811
Highest		1	37	23.61	0.2296	22.66	0.1845
Lowest	64QAM	1	37	22.27	0.1687	21.32	0.1355
Middle		1	37	22.65	0.1841	21.70	0.1479
Highest		1	37	22.45	0.1758	21.50	0.1413
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = -0.95 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.21	0.2636	23.26	0.2118
Middle		1	0	24.35	0.2723	23.40	0.2188
Highest		1	0	24.34	0.2716	23.39	0.2183
Lowest	16QAM	1	49	23.51	0.2244	22.56	0.1803
Middle		1	49	23.69	0.2339	22.74	0.1879
Highest		1	49	23.61	0.2296	22.66	0.1845
Lowest	64QAM	1	49	22.46	0.1762	21.51	0.1416
Middle		1	49	22.65	0.1841	21.70	0.1479
Highest		1	49	22.61	0.1824	21.66	0.1466
Limit	EIRP < 1W			Result		PASS	



Radiated Spurious Emission

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	-50.09	-13	-37.09	-65.77	-61.32	1.23	12.46	H
	5555	-53.38	-13	-40.38	-73.07	-64.87	1.80	13.29	H
	7400	-51.95	-13	-38.95	-76.28	-60.76	2.43	11.24	H
									H
									H
									H
									H
	3700	-52.16	-13	-39.16	-68.36	-63.39	1.23	12.46	V
	5555	-54.22	-13	-41.22	-74.69	-65.71	1.80	13.29	V
	7400	-52.21	-13	-39.21	-76.27	-61.02	2.43	11.24	V
									V
									V
									V
									V



Middle	3742	-51.04	-13	-38.04	-66.77	-62.27	1.26	12.49	H
	5613	-54.91	-13	-41.91	-74.7	-66.35	1.84	13.28	H
	7484	-50.81	-13	-37.81	-75.64	-59.46	2.47	11.12	H
									H
									H
									H
									H
	3742	-55.79	-13	-42.79	-72.1	-67.02	1.26	12.49	V
	5613	-55.21	-13	-42.21	-75.66	-66.65	1.84	13.28	V
	7484	-51.09	-13	-38.09	-75.67	-59.74	2.47	11.12	V
									V
									V
									V
									V
Highest	3784	-53.00	-13	-40.00	-68.79	-64.24	1.29	12.53	H
	5676	-55.63	-13	-42.63	-75.55	-67.02	1.87	13.26	H
	7568	-51.20	-13	-38.20	-75.5	-59.81	2.53	11.14	H
									H
									H
									H
									H
	3784	-54.67	-13	-41.67	-72.1	-65.91	1.29	12.53	V
	5676	-54.94	-13	-41.94	-75.52	-66.33	1.87	13.26	V
	7568	-51.46	-13	-38.46	-75.73	-60.07	2.53	11.14	V
									V
									V
									V
									V
								V	

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



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	-50.28	-13	-37.28	-66.59	-61.30	1.10	12.12	H
	5130	-55.58	-13	-42.58	-76.52	-66.92	1.52	12.86	H
	6840	-51.48	-13	-38.48	-76.4	-61.27	2.17	11.96	H
									H
									H
									H
									H
	3420	-53.40	-13	-40.40	-70.24	-64.42	1.10	12.12	V
	5130	-54.05	-13	-41.05	-76.39	-65.39	1.52	12.86	V
	6840	-50.98	-13	-37.98	-76.33	-60.77	2.17	11.96	V
									V
									V
									V
									V
Middle	3448	-47.52	-13	-34.52	-63.93	-58.60	1.10	12.19	H
	5170	-54.06	-13	-41.06	-75.19	-65.42	1.55	12.90	H
	6894	-50.37	-13	-37.37	-75.96	-60.08	2.20	11.91	H
									H
									H
									H
									H
	3448	-52.76	-13	-39.76	-69.41	-63.84	1.10	12.19	V
	5170	-54.26	-13	-41.26	-75.97	-65.62	1.55	12.90	V
	6894	-50.35	-13	-37.35	-76.06	-60.06	2.20	11.91	V
									V
									V
									V
									V



Highest	3476	-53.43	-13	-40.43	-70.51	-64.58	1.10	12.25	H
	5212	-53.50	-13	-40.50	-74.21	-64.88	1.57	12.95	H
	6950	-50.67	-13	-37.67	-76.11	-60.30	2.22	11.85	H
									H
									H
									H
									H
	3476	-56.22	-13	-43.22	-73.35	-67.37	1.10	12.25	V
	5212	-54.38	-13	-41.38	-75.91	-65.76	1.57	12.95	V
	6950	-50.57	-13	-37.57	-76.07	-60.20	2.22	11.85	V
									V
									V
									V
									V

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



LTE Band 5

LTE Band 5 / 10MHz / 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	1648	-45.54	-13	-32.54	-54.19	-51.27	0.81	8.69	H
	2472	-57.91	-13	-44.91	-71.43	-65.48	1.04	10.76	H
	3296	-48.26	-13	-35.26	-64.63	-56.86	1.10	11.85	H
	4120	-46.19	-13	-33.19	-64.96	-55.34	1.38	12.68	H
									H
									H
									H
	1648	-50.57	-13	-37.57	-59.59	-56.30	0.81	8.69	V
	2472	-59.33	-13	-46.33	-72.93	-66.90	1.04	10.76	V
	3296	-53.78	-13	-40.78	-69.4	-62.38	1.10	11.85	V
	4120	-50.46	-13	-37.46	-68.89	-59.61	1.38	12.68	V
									V
									V
									V
Middle	1664	-45.41	-13	-32.41	-54.62	-51.20	0.82	8.76	H
	2496	-58.79	-13	-45.79	-72.28	-66.38	1.05	10.79	H
	3328	-47.20	-13	-34.20	-62.61	-55.87	1.10	11.92	H
	4160	-49.45	-13	-36.45	-67.52	-58.61	1.36	12.67	H
									H
									H
									H
	1664	-52.62	-13	-39.62	-61.34	-58.41	0.82	8.76	V
	2496	-57.59	-13	-44.59	-72.68	-65.18	1.05	10.79	V
	3328	-54.61	-13	-41.61	-70.26	-63.28	1.10	11.92	V
	4160	-51.52	-13	-38.52	-70.84	-60.68	1.36	12.67	V
									V
									V
									V



Highest	1680	-44.25	-13	-31.25	-53.45	-50.10	0.82	8.82	H
	2520	-57.55	-13	-44.55	-71.51	-65.17	1.05	10.82	H
	3360	-47.68	-13	-34.68	-62.78	-56.42	1.10	11.99	H
	4200	-50.21	-13	-37.21	-68.9	-59.38	1.34	12.66	H
									H
									H
									H
	1680	-52.36	-13	-39.36	-60.91	-58.21	0.82	8.82	V
	2520	-58.78	-13	-45.78	-72.76	-66.40	1.05	10.82	V
	3360	-54.44	-13	-41.44	-70.17	-63.18	1.10	11.99	V
	4200	-51.30	-13	-38.30	-70.9	-60.47	1.34	12.66	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	-41.49	-25	-16.49	-60.3	-52.76	1.43	12.70	H
	7500	-37.31	-25	-12.31	-62.22	-45.93	2.48	11.10	H
	10008	-39.43	-25	-14.43	-68.34	-47.59	3.03	11.20	H
	12504	-41.15	-25	-16.15	-71.5	-50.98	3.77	13.60	H
									H
									H
									H
	5004	-39.61	-25	-14.61	-58.92	-50.88	1.43	12.70	V
	7500	-36.56	-25	-11.56	-61.22	-45.18	2.48	11.10	V
	10008	-37.24	-25	-12.24	-65.82	-45.40	3.03	11.20	V
	12504	-43.89	-25	-18.89	-73.79	-53.72	3.77	13.60	V
									V
									V
									V
Middle	5052	-41.22	-25	-16.22	-60.12	-52.52	1.47	12.76	H
	7584	-39.85	-25	-14.85	-64.02	-48.46	2.54	11.15	H
	10104	-40.04	-25	-15.04	-69.06	-48.12	3.08	11.16	H
	12636	-41.84	-25	-16.84	-72.37	-51.56	3.82	13.55	H
									H
									H
									H
	5052	-38.93	-25	-13.93	-58.39	-50.23	1.47	12.76	V
	7584	-36.70	-25	-11.70	-60.89	-45.31	2.54	11.15	V
	10104	-37.40	-25	-12.40	-66.11	-45.48	3.08	11.16	V
	12636	-43.72	-25	-18.72	-74.06	-53.44	3.82	13.55	V
									V
									V
									V



Highest	5100	-41.25	-25	-16.25	-60.22	-52.57	1.50	12.82	H
	7656	-41.89	-25	-16.89	-66	-50.49	2.60	11.19	H
	10200	-38.04	-25	-13.04	-67.17	-46.03	3.13	11.12	H
	12756	-40.86	-25	-15.86	-71.55	-50.49	3.87	13.50	H
									H
									H
									H
									V
	5100	-39.74	-25	-14.74	-59.32	-51.06	1.50	12.82	V
	7656	-39.04	-25	-14.04	-63.22	-47.64	2.60	11.19	V
	10200	-36.83	-25	-11.83	-65.68	-44.82	3.13	11.12	V
	12756	-43.87	-25	-18.87	-74.6	-53.50	3.87	13.50	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	-35.49	-13.00	-22.49	-45.31	-40.28	0.74	7.68	H	
	2096	-60.11	-13.00	-47.11	-73.02	-67.25	0.94	10.23	H	
	2800	-55.65	-13.00	-42.65	-70.96	-63.45	1.09	11.04	H	
	3496	-57.39	-13.00	-44.39	-73.97	-66.43	1.10	12.29	H	
	4200	-53.01	-13.00	-40.01	-71.78	-62.18	1.34	12.66	H	
										H
										H
	1400	-39.36	-13.00	-26.36	-49.32	-44.15	0.74	7.68	V	
	2096	-59.24	-13.00	-46.24	-71.65	-66.38	0.94	10.23	V	
	2800	-53.48	-13.00	-40.48	-69.38	-61.28	1.09	11.04	V	
	3496	-54.13	-13.00	-41.13	-71.09	-63.17	1.10	12.29	V	
	4200	-49.90	-13.00	-36.90	-68.89	-59.07	1.34	12.66	V	
										V
										V
Middle	1408	-34.65	-13.00	-21.65	-44.88	-39.47	0.74	7.71	H	
	2112	-61.40	-13.00	-48.40	-73.63	-68.56	0.95	10.26	H	
	2816	-57.24	-13.00	-44.24	-72.12	-65.05	1.09	11.05	H	
	3512	-57.34	-13.00	-44.34	-74.81	-66.39	1.11	12.31	H	
	4216	-55.10	-13.00	-42.10	-73.34	-64.28	1.33	12.66	H	
										H
										H
	1408	-39.44	-13.00	-26.44	-49.26	-44.26	0.74	7.71	V	
	2112	-59.33	-13.00	-46.33	-72.19	-66.49	0.95	10.26	V	
	2816	-54.49	-13.00	-41.49	-70.06	-62.30	1.09	11.05	V	
	3512	-55.23	-13.00	-42.23	-72.17	-64.28	1.11	12.31	V	
	4216	-50.43	-13.00	-37.43	-69.88	-59.61	1.33	12.66	V	
										V
										V



Highest	1416	-38.34	-13.00	-25.34	-47.71	-43.20	0.74	7.75	H
	2120	-60.19	-13.00	-47.19	-72.71	-67.36	0.95	10.27	H
	2824	-55.65	-13.00	-42.65	-70.96	-63.47	1.09	11.06	H
	3536	-55.22	-13.00	-42.22	-72.09	-64.28	1.12	12.33	H
	4240	-54.28	-13.00	-41.28	-73.02	-63.46	1.32	12.65	H
									H
									H
	1416	-41.72	-13.00	-28.72	-51.19	-46.58	0.74	7.75	V
	2120	-58.60	-13.00	-45.60	-71.36	-65.77	0.95	10.27	V
	2824	-53.62	-13.00	-40.62	-68.88	-61.44	1.09	11.06	V
	3536	-49.58	-13.00	-36.58	-66.82	-58.64	1.12	12.33	V
	4240	-50.13	-13.00	-37.13	-69.16	-59.31	1.32	12.65	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	1552	-50.52	-13	-37.52	-59.28	-55.89	0.79	8.31	H	
	2336	-57.82	-13	-44.82	-71.32	-65.23	1.01	10.57	H	
	3112	-50.24	-13	-37.24	-66.12	-58.43	1.11	11.45	H	
	3888	-37.64	-13	-24.64	-55.26	-46.74	1.36	12.61	H	
										H
										H
										H
	1552	-55.73	-13.00	-42.73	-64.54	-61.10	0.79	8.31	V	
	2336	-59.84	-13	-46.84	-73.65	-67.25	1.01	10.57	V	
	3112	-51.59	-13	-38.59	-67.74	-59.78	1.11	11.45	V	
	3888	-49.35	-13	-36.35	-67.66	-58.45	1.36	12.61	V	
										V
										V
										V
Middle	1560	-52.54	-42.15	-10.39	-61.25	-57.94	0.79	8.34	H	
	2344	-59.39	-13	-46.39	-72.90	-66.81	1.01	10.58	H	
	3120	-53.38	-13	-40.38	-69.29	-61.58	1.11	11.46	H	
	3896	-42.75	-13	-29.75	-60.40	-51.86	1.36	12.62	H	
										H
										H
										H
	1560	-54.28	-42.15	-12.13	-63.02	-59.68	0.79	8.34	V	
	2344	-59.43	-13	-46.43	-73.25	-66.85	1.01	10.58	V	
	3120	-55.74	-13	-42.74	-71.90	-63.94	1.11	11.46	V	
	3896	-52.67	-13	-39.67	-71.01	-61.78	1.36	12.62	V	
										V
										V
										V



Highest	1568	-50.75	-42.15	-8.60	-59.44	-56.18	0.79	8.37	H
	2344	-57.05	-13	-44.05	-70.56	-64.47	1.01	10.58	H
	3128	-51.04	-13	-38.04	-66.97	-59.26	1.11	11.48	H
	3912	-39.01	-13	-26.01	-56.68	-48.12	1.37	12.63	H
									H
									H
									H
	1568	-55.39	-42.15	-13.24	-64.07	-60.82	0.79	8.37	V
	2344	-59.32	-13	-46.32	-73.14	-66.74	1.01	10.58	V
	3128	-52.81	-13	-39.81	-68.99	-61.03	1.11	11.48	V
	3912	-49.82	-13	-36.82	-68.19	-58.93	1.37	12.63	V
									V
									V
									V

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



LTE Band 13

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)
Highest	1552	-48.50	-13	-35.50	-57.26	-53.87	0.79	8.31	H
	2336	-57.99	-13	-44.99	-71.49	-65.40	1.01	10.57	H
	3112	-51.74	-13	-38.74	-67.62	-59.93	1.11	11.45	H
	3888	-38.55	-13	-25.55	-56.17	-47.65	1.36	12.61	H
									H
									H
									H
	1552	-52.79	-13	-39.79	-61.6	-58.16	0.79	8.31	V
	2336	-59.74	-13	-46.74	-73.55	-67.15	1.01	10.57	V
	3112	-52.84	-13	-39.84	-68.99	-61.03	1.11	11.45	V
	3888	-50.23	-13	-37.23	-68.54	-59.33	1.36	12.61	V
									V
									V
									V



LTE Band 25

LTE Band 25 / 20MHz / QPSK										
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	
Lowest	3700	-49.25	-13	-36.25	-67.09	-60.48	1.23	12.46	H	
	5555	-46.72	-13	-33.72	-68.63	-58.21	1.80	13.29	H	
	7403	-50.50	-13	-37.50	-76.64	-59.30	2.43	11.24	H	
										H
										H
										H
										H
	3700	-51.35	-13	-38.35	-69.56	-62.58	1.23	12.46	V	
	5555	-50.39	-13	-37.39	-73.07	-61.88	1.80	13.29	V	
	7403	-50.84	-13	-37.84	-76.63	-59.64	2.43	11.24	V	
										V
										V
										V
										V
Middle	3742	-51.35	-13	-38.35	-69.01	-62.58	1.26	12.49	H	
	5611	-44.34	-13	-31.34	-66.09	-55.78	1.83	13.28	H	
	7487	-48.99	-13	-35.99	-75.85	-57.63	2.47	11.12	H	
										H
										H
										H
										H
	3742	-55.02	-13	-42.02	-73.47	-66.25	1.26	12.49	V	
	5611	-47.29	-13	-34.29	-70.01	-58.73	1.83	13.28	V	
	7487	-49.36	-13	-36.36	-76.03	-58.00	2.47	11.12	V	
										V
										V
										V
										V



Highest	3791	-56.34	-13	-43.34	-74.17	-67.58	1.29	12.53	H
	5688	-51.51	-13	-38.51	-73.61	-62.89	1.88	13.26	H
	7585	-49.79	-13	-36.79	-76.09	-58.40	2.54	11.15	H
									H
									H
									H
									H
	3791	-56.34	-13	-43.34	-74.62	-67.58	1.29	12.53	V
	5688	-49.90	-13	-36.90	-73.15	-61.28	1.88	13.26	V
	7585	-49.72	-13	-36.72	-76.12	-58.33	2.54	11.15	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)	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	1632	-48.59	-13	-35.59	-56.43	-54.26	0.81	8.63	H
	2448	-57.77	-13	-44.77	-71.17	-65.31	1.04	10.73	H
	3256	-53.34	-13	-40.34	-69.67	-61.85	1.10	11.76	H
	4072	-45.92	-13	-32.92	-64.03	-55.06	1.40	12.69	H
									H
									H
									H
	1632	-52.59	-13	-39.59	-60.99	-58.26	0.81	8.63	V
	2448	-58.80	-13	-45.80	-72.61	-66.34	1.04	10.73	V
	3256	-55.61	-13	-42.61	-71.92	-64.12	1.10	11.76	V
	4072	-51.32	-13	-38.32	-70.47	-60.46	1.40	12.69	V
									V
									V
									V
Middle	1648	-47.35	-13	-34.35	-55.93	-53.08	0.81	8.69	H
	2472	-55.94	-13	-42.94	-69.62	-63.51	1.04	10.76	H
	3296	-54.82	-13	-41.82	-70.48	-63.42	1.10	11.85	H
	4128	-47.34	-13	-34.34	-65.56	-56.49	1.37	12.67	H
									H
									H
									H
	1648	-54.68	-13	-41.68	-62.84	-60.41	0.81	8.69	V
	2472	-58.72	-13	-45.72	-72.51	-66.29	1.04	10.76	V
	3296	-56.43	-13	-43.43	-72.24	-65.03	1.10	11.85	V
	4128	-52.95	-13	-39.95	-71.44	-62.10	1.37	12.67	V
									V
									V
									V



Highest	1672	-49.45	-13	-36.45	-57.88	-55.27	0.82	8.79	H
	2504	-58.26	-13	-45.26	-72.26	-65.86	1.05	10.80	H
	3336	-55.69	-13	-42.69	-71.38	-64.38	1.10	11.94	H
	4176	-50.56	-13	-37.56	-69.08	-59.72	1.35	12.66	H
									H
									H
									H
	1672	-54.46	-13	-41.46	-62.9	-60.28	0.82	8.79	V
	2504	-59.66	-13	-46.66	-73.49	-67.26	1.05	10.80	V
	3336	-57.58	-13	-44.58	-73.75	-66.27	1.10	11.94	V
	4176	-53.32	-13	-40.32	-72.61	-62.48	1.35	12.66	V
									V
									V
									V

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



LTE Band 38

LTE Band 38 / 20MHz / QPSK										
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	
Lowest	5148	-39.90	-25	-14.90	-58.97	-51.25	1.53	12.88	H	
	7716	-46.91	-25	-21.91	-71.1	-55.50	2.64	11.23	H	
	10284	-40.09	-25	-15.09	-69.33	-48.00	3.17	11.09	H	
										H
										H
										H
										H
	5148	-42.88	-25	-17.88	-62.6	-54.23	1.53	12.88	V	
	7716	-48.88	-25	-23.88	-73.15	-57.47	2.64	11.23	V	
	10284	-43.05	-25	-18.05	-72.04	-50.96	3.17	11.09	V	
										V
										V
										V
										V
Middle	5172	-39.92	-25	-14.92	-59.04	-51.28	1.55	12.91	H	
	7764	-45.81	-25	-20.81	-70.06	-54.39	2.68	11.26	H	
	10344	-41.98	-25	-16.98	-71.3	-49.84	3.20	11.06	H	
										H
										H
										H
										H
	5172	-43.04	-25	-18.04	-62.84	-54.40	1.55	12.91	V	
	7764	-47.96	-25	-22.96	-72.29	-56.54	2.68	11.26	V	
	10344	-45.26	-25	-20.26	-74.34	-53.12	3.20	11.06	V	
										V
										V
										V
										V



Highest	5208	-36.38	-25	-11.38	-55.56	-47.76	1.57	12.95	H
	7800	-44.06	-25	-19.06	-68.36	-52.63	2.71	11.28	H
	10404	-39.71	-25	-14.71	-69.09	-47.52	3.23	11.04	H
									H
									H
									H
									H
	5208	-40.05	-25	-15.05	-59.94	-51.43	1.57	12.95	V
	7800	-45.98	-25	-20.98	-70.36	-54.55	2.71	11.28	V
	10404	-44.32	-25	-19.32	-73.48	-52.13	3.23	11.04	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	4992	-40.26	-25	-15.26	-61.05	-51.53	1.43	12.70	H
	7488	-38.58	-25	-13.58	-65.44	-47.22	2.47	11.12	H
	9984	-35.80	-25	-10.80	-66.72	-43.98	3.03	11.20	H
									H
									H
									H
									H
	4992	-43.62	-25	-18.62	-64.92	-54.89	1.43	12.70	V
	7488	-44.55	-25	-19.55	-71.16	-53.19	2.47	11.12	V
	9984	-39.70	-25	-14.70	-70.27	-47.88	3.03	11.20	V
									V
									V
									V
									V
Middle	5172	-41.92	-25	-16.92	-63.04	-53.28	1.55	12.91	H
	7752	-43.99	-25	-18.99	-70.23	-52.57	2.67	11.25	H
	10332	-41.32	-25	-16.32	-72.61	-49.19	3.20	11.07	H
									H
									H
									H
									H
	5172	-46.04	-25	-21.04	-67.84	-57.40	1.55	12.91	V
	7752	-46.60	-25	-21.60	-72.91	-55.18	2.67	11.25	V
	10332	-44.34	-25	-19.34	-75.39	-52.21	3.20	11.07	V
									V
									V
									V
									V



Highest	5340	-36.07	-25	-11.07	-57.44	-47.52	1.66	13.11	H
	8016	-41.30	-25	-16.30	-69.2	-49.86	2.86	11.42	H
	10680	-35.57	-25	-10.57	-67.11	-43.38	3.15	10.96	H
									H
									H
									H
									H
	5340	-38.88	-25	-13.88	-60.94	-50.33	1.66	13.11	V
	8016	-43.82	-25	-18.82	-71.5	-52.38	2.86	11.42	V
	10680	-41.31	-25	-16.31	-72.75	-49.12	3.15	10.96	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	3420	-53.21	-13	-40.21	-69.3	-64.23	1.10	12.12	H
	5130	-54.35	-13	-41.35	-75.7	-65.69	1.52	12.86	H
	6140	-51.43	-13	-38.43	-74.06	-62.33	2.05	12.95	H
									H
									H
									H
									H
	3420	-45.77	-13	-32.77	-61.81	-56.79	1.10	12.12	V
	5130	-54.34	-13	-41.34	-75.92	-65.68	1.52	12.86	V
	6140	-51.02	-13	-38.02	-76.2	-61.92	2.05	12.95	V
									V
									V
									V
									V
Middle	3476	-56.43	-13	-43.43	-73.82	-67.58	1.10	12.25	H
	5214	-54.48	-13	-41.48	-75.93	-65.86	1.58	12.96	H
	6952	-50.17	-13	-37.17	-76.03	-59.80	2.22	11.85	H
									H
									H
									H
									H
	3476	-52.09	-13	-39.09	-70.09	-63.24	1.10	12.25	V
	5214	-53.42	-13	-40.42	-75.76	-64.80	1.58	12.96	V
	6952	-50.49	-13	-37.49	-76.04	-60.12	2.22	11.85	V
									V
									V
									V
									V



Highest	3525	-53.38	-13	-40.38	-70.5	-64.58	1.12	12.32	H
	5282	-54.75	-13	-41.75	-76.13	-66.17	1.62	13.04	H
	7050	-50.19	-13	-37.19	-75.72	-59.66	2.26	11.73	H
									H
									H
									H
									H
	3525	-48.40	-13	-35.40	-65.88	-59.60	1.12	12.32	V
	5282	-52.43	-13	-39.43	-74.78	-63.85	1.62	13.04	V
	7050	-49.49	-13	-36.49	-75.78	-58.96	2.26	11.73	V
									V
									V
									V
									V

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