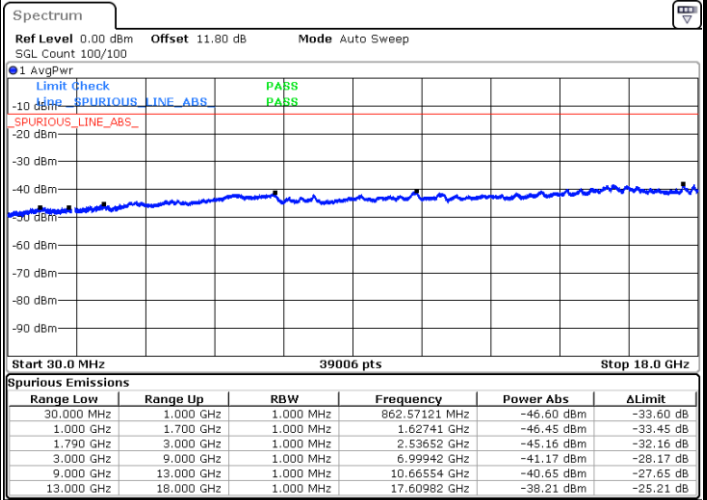
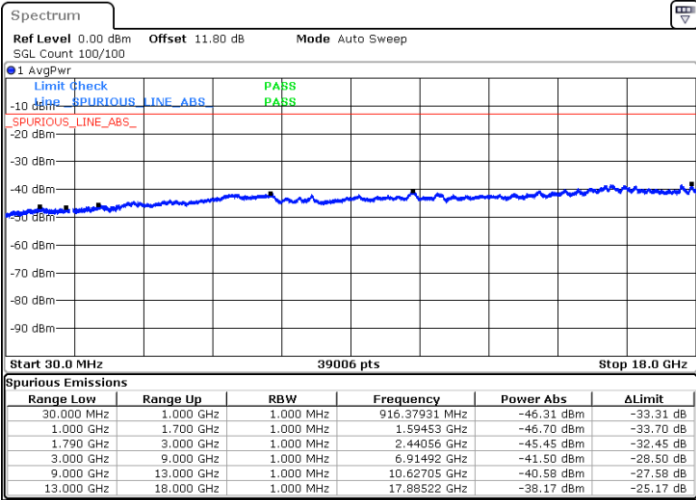




LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

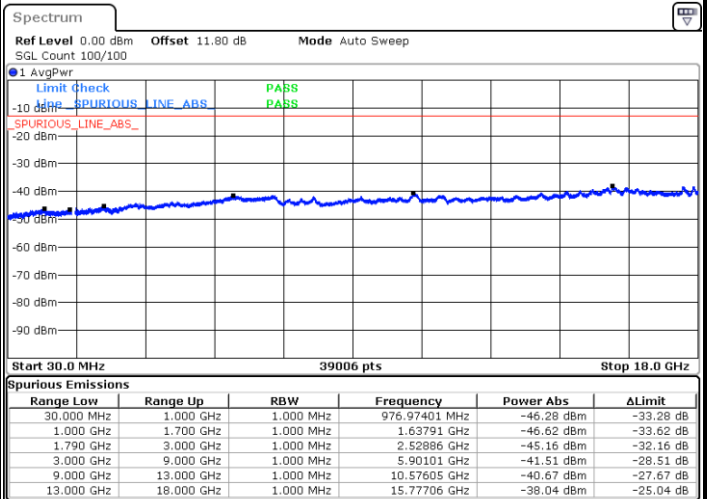
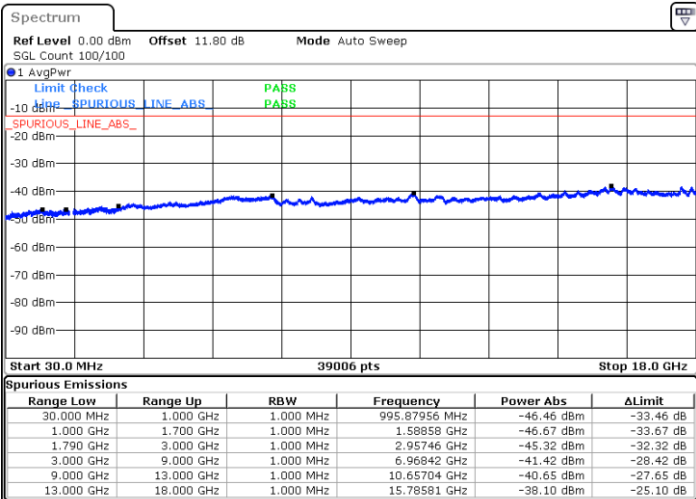


Date: 8.AUG.2020 05:01:31

Date: 8.AUG.2020 05:02:12

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.AUG.2020 05:07:41

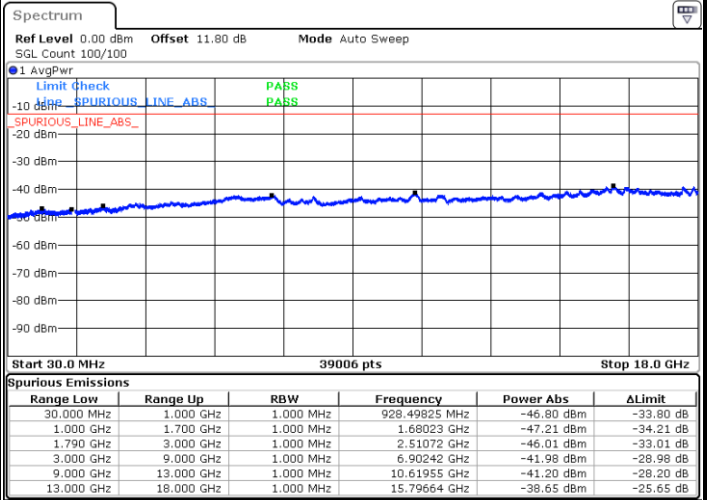
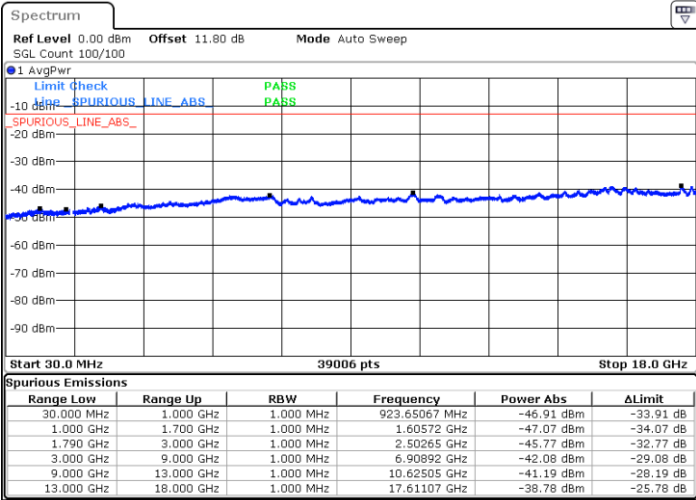
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LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

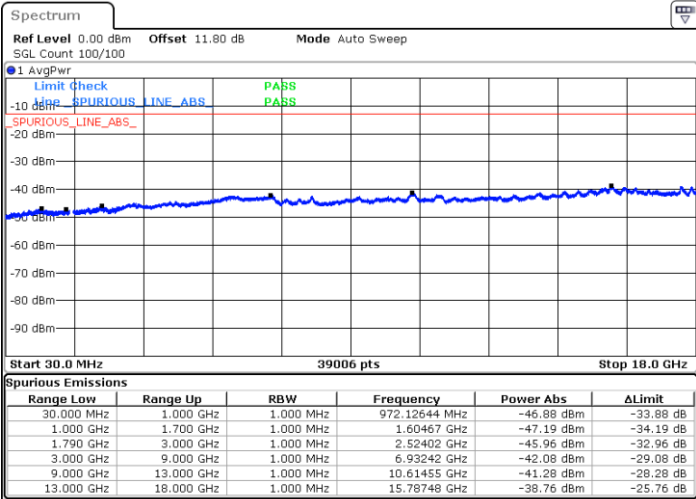
Middle Channel / 64QAM



Date: 4.SEP.2020 02:34:09

Date: 4.SEP.2020 02:35:14

Highest Channel / 64QAM



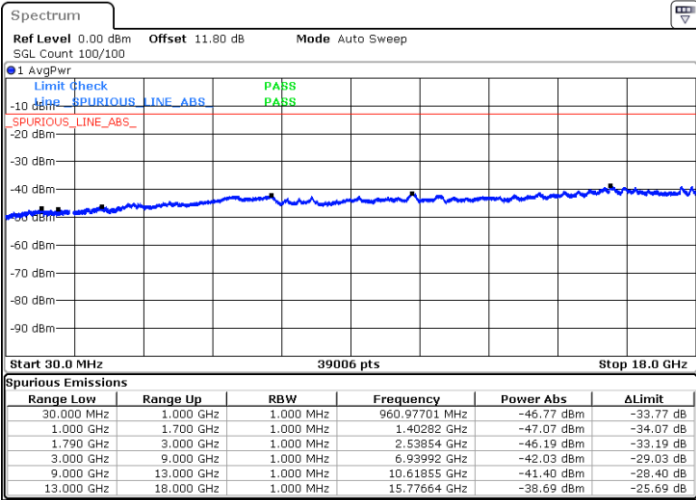
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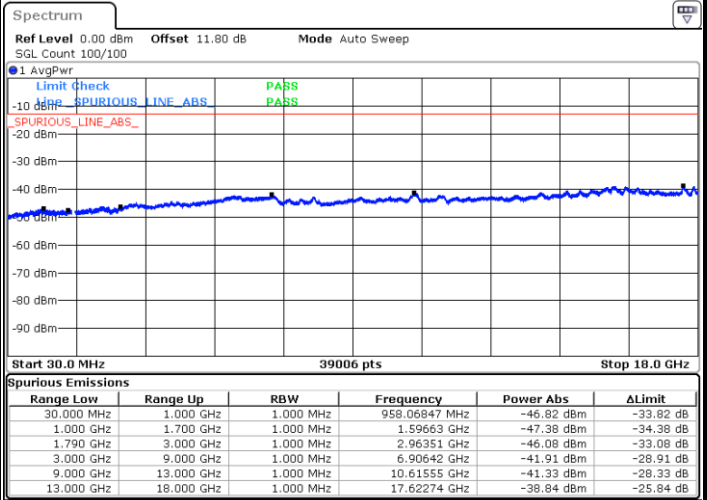
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

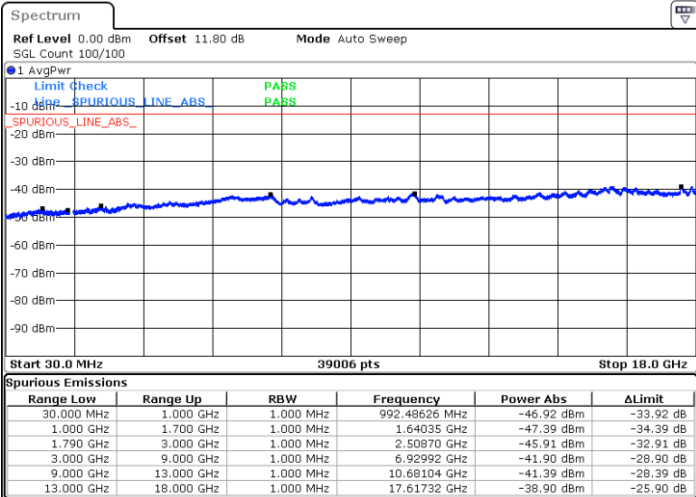


Date: 4.SEP.2020 02:42:30



Date: 4.SEP.2020 02:43:34

Highest Channel / 64QAM

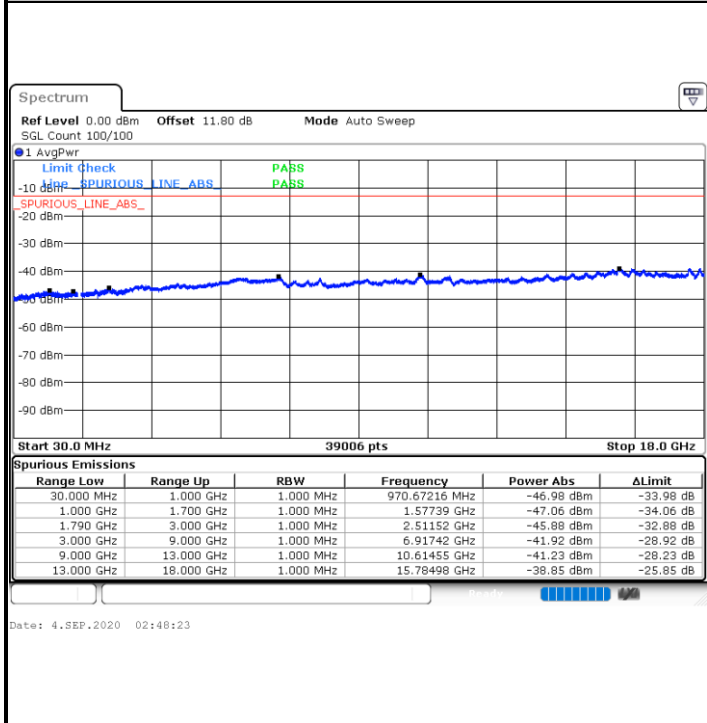


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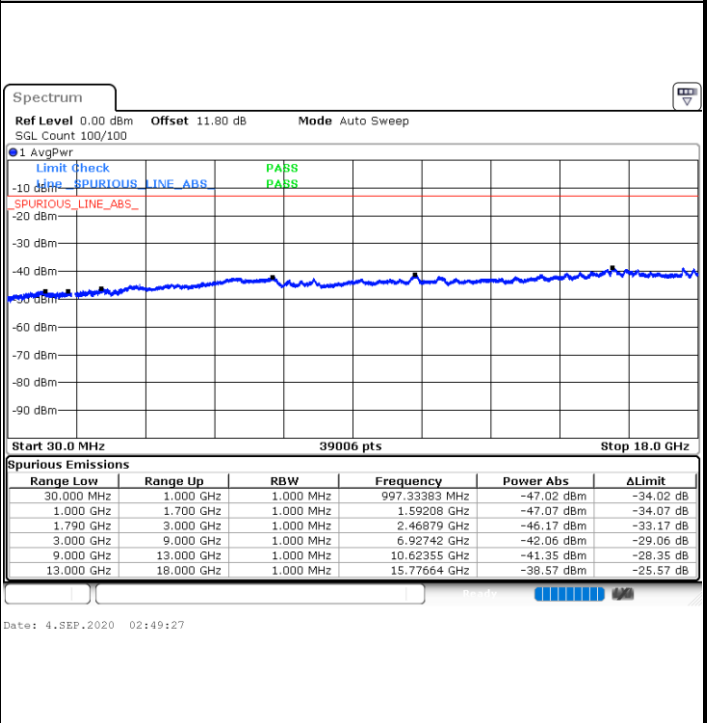


LTE Band 66 / 5MHz

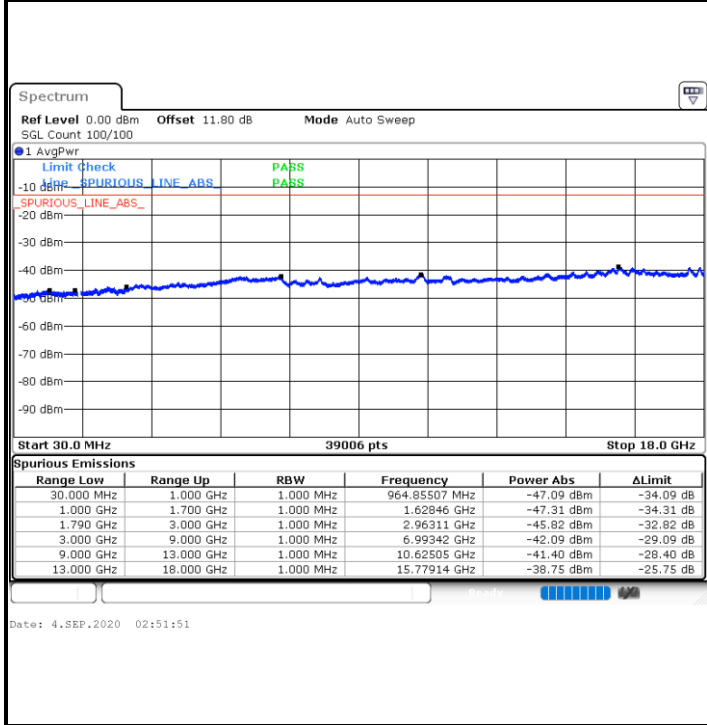
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

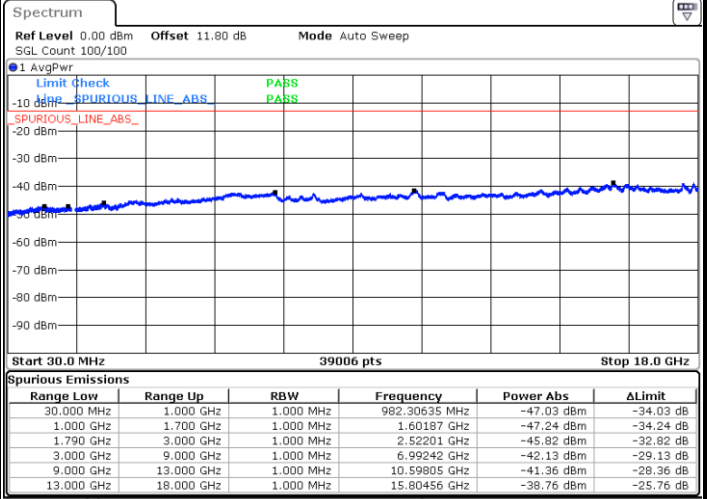
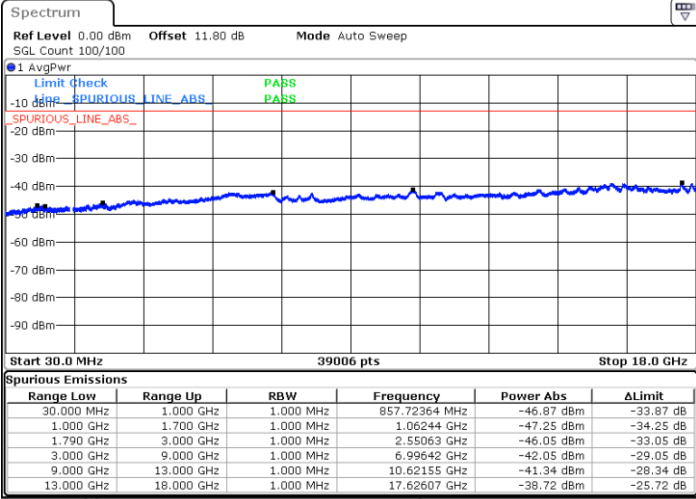




LTE Band 66 / 10MHz

Lowest Channel / 64QAM

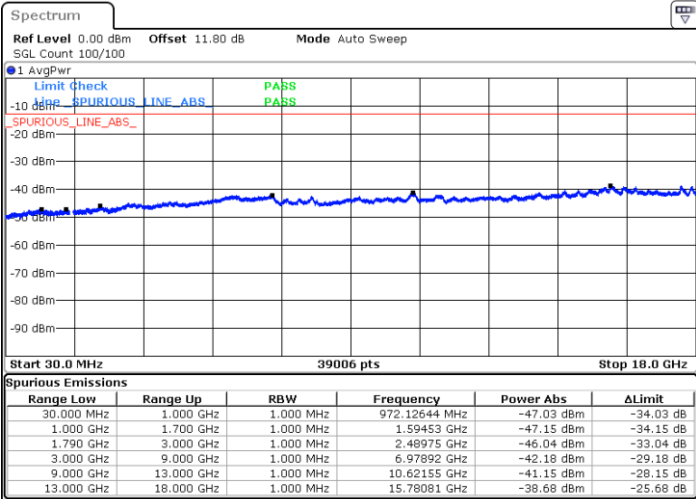
Middle Channel / 64QAM



Date: 4.SEP.2020 02:54:15

Date: 4.SEP.2020 02:55:19

Highest Channel / 64QAM



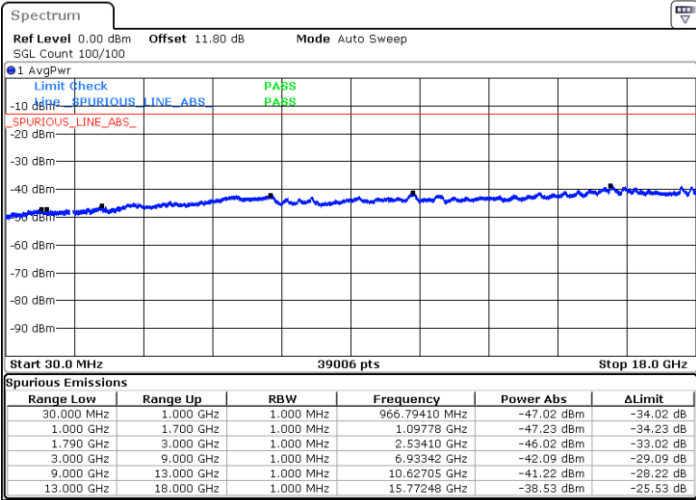
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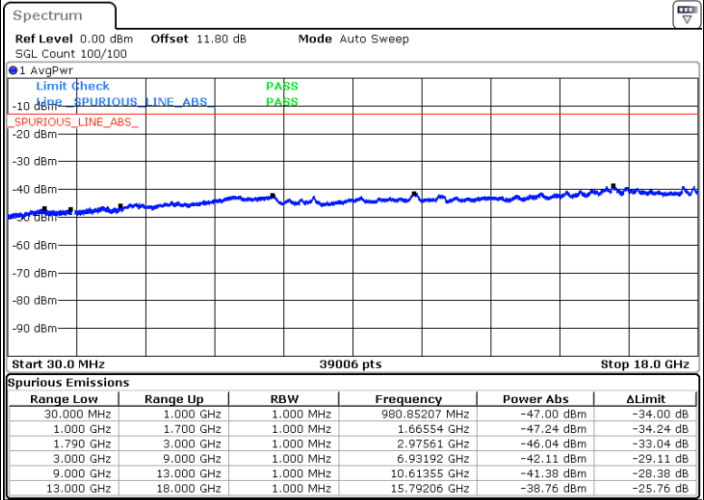
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

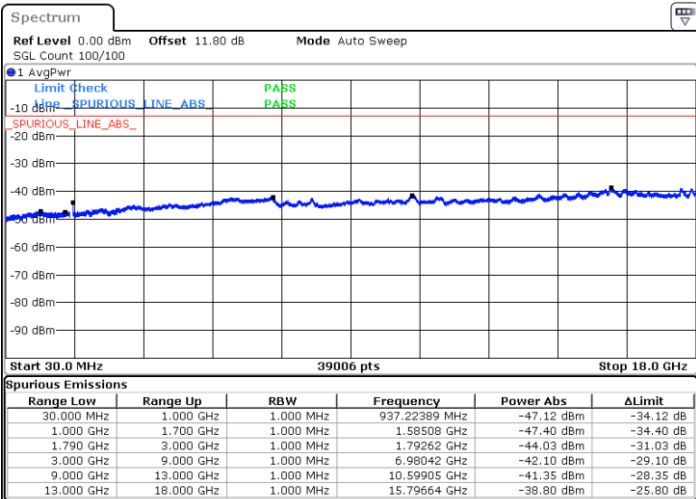


Date: 4.SEP.2020 03:00:08



Date: 4.SEP.2020 03:01:12

Highest Channel / 64QAM



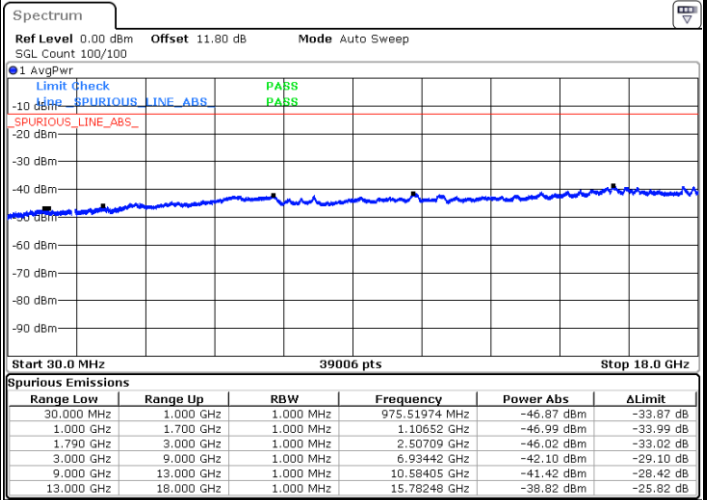
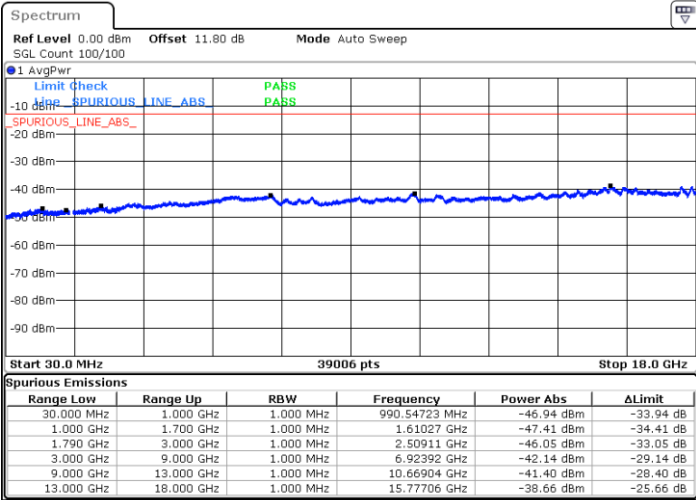
Date: 4.SEP.2020 03:03:36



LTE Band 66 / 20MHz

Lowest Channel / 64QAM

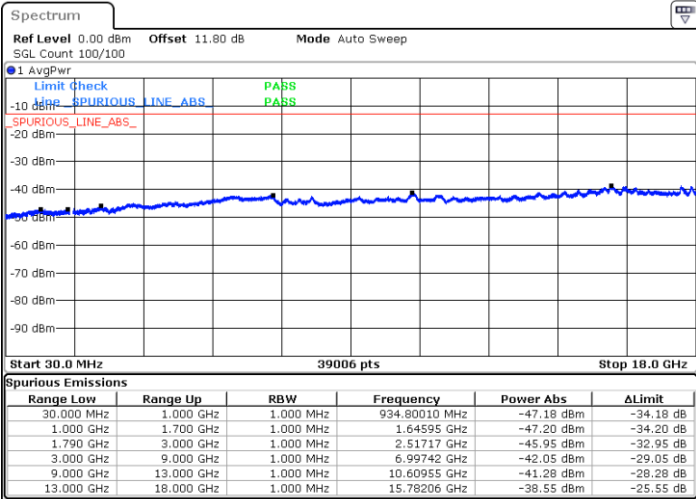
Middle Channel / 64QAM



Date: 4.SEP.2020 03:06:01

Date: 4.SEP.2020 03:07:05

Highest Channel / 64QAM



Date: 4.SEP.2020 03:09:29



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	0.0044	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0052	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0033	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 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 = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	24.38	0.2742	24.96	0.3133
Middle		1	5	24.18	0.2618	24.76	0.2992
Highest		1	5	24.03	0.2529	24.61	0.2891
Lowest	16QAM	1	3	23.74	0.2366	24.32	0.2704
Middle		1	3	23.68	0.2333	24.26	0.2667
Highest		1	3	23.57	0.2275	24.15	0.2600
Lowest	64QAM	1	3	22.66	0.1845	23.24	0.2109
Middle		1	3	22.52	0.1786	23.10	0.2042
Highest		1	3	22.58	0.1811	23.16	0.2070
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.43	0.2773	25.01	0.3170
Middle		1	0	24.42	0.2767	25.00	0.3162
Highest		1	0	24.34	0.2716	24.92	0.3105
Lowest	16QAM	1	8	23.72	0.2355	24.30	0.2692
Middle		1	8	23.70	0.2344	24.28	0.2679
Highest		1	8	23.70	0.2344	24.28	0.2679
Lowest	64QAM	1	8	22.76	0.1888	23.34	0.2158
Middle		1	8	22.64	0.1837	23.22	0.2099
Highest		1	8	22.65	0.1841	23.23	0.2104
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.40	0.2754	24.98	0.3148
Middle		1	12	24.52	0.2831	25.10	0.3236
Highest		1	12	24.33	0.2710	24.91	0.3097
Lowest	16QAM	1	0	23.78	0.2388	24.36	0.2729
Middle		1	0	23.73	0.2360	24.31	0.2698
Highest		1	0	23.71	0.2350	24.29	0.2685
Lowest	64QAM	1	0	22.62	0.1828	23.20	0.2089
Middle		1	0	22.73	0.1875	23.31	0.2143
Highest		1	0	22.60	0.1820	23.18	0.2080
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.47	0.2799	25.05	0.3199
Middle		1	0	24.57	0.2864	25.15	0.3273
Highest		1	0	24.31	0.2698	24.89	0.3083
Lowest	16QAM	1	25	23.91	0.2460	24.49	0.2812
Middle		1	25	23.72	0.2355	24.30	0.2692
Highest		1	25	23.76	0.2377	24.34	0.2716
Lowest	64QAM	1	25	22.82	0.1914	23.40	0.2188
Middle		1	25	22.75	0.1884	23.33	0.2153
Highest		1	25	22.73	0.1875	23.31	0.2143
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.52	0.2831	25.10	0.3236
Middle		1	0	24.59	0.2877	25.17	0.3289
Highest		1	0	24.42	0.2767	25.00	0.3162
Lowest	16QAM	1	37	23.89	0.2449	24.47	0.2799
Middle		1	37	23.78	0.2388	24.36	0.2729
Highest		1	37	23.73	0.2360	24.31	0.2698
Lowest	64QAM	1	74	22.78	0.1897	23.36	0.2168
Middle		1	74	22.63	0.1832	23.21	0.2094
Highest		1	74	22.50	0.1778	23.08	0.2032
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.54	0.2844	25.12	0.3251
Middle		1	0	24.62	0.2897	25.20	0.3311
Highest		1	0	24.43	0.2773	25.01	0.3170
Lowest	16QAM	1	49	23.93	0.2472	24.51	0.2825
Middle		1	49	23.88	0.2443	24.46	0.2793
Highest		1	49	23.80	0.2399	24.38	0.2742
Lowest	64QAM	1	49	22.87	0.1936	23.45	0.2213
Middle		1	49	22.82	0.1914	23.40	0.2188
Highest		1	49	22.77	0.1892	23.35	0.2163
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.27	0.2673	24.85	0.3055
Middle		1	0	24.45	0.2786	25.03	0.3184
Highest		1	0	24.21	0.2636	24.79	0.3013
Lowest	16QAM	1	0	23.62	0.2301	24.20	0.2630
Middle		1	0	23.71	0.2350	24.29	0.2685
Highest		1	0	23.39	0.2183	23.97	0.2495
Lowest	64QAM	1	3	22.61	0.1824	23.19	0.2084
Middle		1	3	22.67	0.1849	23.25	0.2113
Highest		1	3	22.24	0.1675	22.82	0.1914
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.37	0.2735	24.95	0.3126
Middle		1	0	24.52	0.2831	25.10	0.3236
Highest		1	0	24.23	0.2649	24.81	0.3027
Lowest	16QAM	1	8	23.73	0.2360	24.31	0.2698
Middle		1	8	23.74	0.2366	24.32	0.2704
Highest		1	8	23.38	0.2178	23.96	0.2489
Lowest	64QAM	1	0	22.59	0.1816	23.17	0.2075
Middle		1	0	22.69	0.1858	23.27	0.2123
Highest		1	0	22.44	0.1754	23.02	0.2004
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.44	0.2780	25.02	0.3177
Middle		1	0	24.55	0.2851	25.13	0.3258
Highest		1	0	24.24	0.2655	24.82	0.3034
Lowest	16QAM	1	12	23.75	0.2371	24.33	0.2710
Middle		1	12	23.83	0.2415	24.41	0.2761
Highest		1	12	23.42	0.2198	24.00	0.2512
Lowest	64QAM	1	12	22.74	0.1879	23.32	0.2148
Middle		1	12	22.75	0.1884	23.33	0.2153
Highest		1	12	22.35	0.1718	22.93	0.1963
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.47	0.2799	25.05	0.3199
Middle		1	0	24.60	0.2884	25.18	0.3296
Highest		1	0	24.28	0.2679	24.86	0.3062
Lowest	16QAM	1	0	23.81	0.2404	24.39	0.2748
Middle		1	0	23.88	0.2443	24.46	0.2793
Highest		1	0	23.54	0.2259	24.12	0.2582
Lowest	64QAM	1	25	22.81	0.1910	23.39	0.2183
Middle		1	25	22.77	0.1892	23.35	0.2163
Highest		1	25	22.37	0.1726	22.95	0.1972
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.49	0.2812	25.07	0.3214
Middle		1	0	24.61	0.2891	25.19	0.3304
Highest		1	0	24.29	0.2685	24.87	0.3069
Lowest	16QAM	1	0	23.89	0.2449	24.47	0.2799
Middle		1	0	23.88	0.2443	24.46	0.2793
Highest		1	0	23.61	0.2296	24.19	0.2624
Lowest	64QAM	1	37	22.84	0.1923	23.42	0.2198
Middle		1	37	22.87	0.1936	23.45	0.2213
Highest		1	37	22.46	0.1762	23.04	0.2014
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = 0.58 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.55	0.2851	25.13	0.3258
Middle		1	0	24.71	0.2958	25.29	0.3381
Highest		1	0	24.35	0.2723	24.93	0.3112
Lowest	16QAM	1	49	23.92	0.2466	24.50	0.2818
Middle		1	49	23.96	0.2489	24.54	0.2844
Highest		1	49	23.58	0.2280	24.16	0.2606
Lowest	64QAM	1	49	22.87	0.1936	23.45	0.2213
Middle		1	49	22.91	0.1954	23.49	0.2234
Highest		1	49	22.54	0.1795	23.12	0.2051
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 2.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.40	0.1380	23.65	0.2317
Middle		1	0	21.54	0.1426	23.79	0.2393
Highest		1	0	21.26	0.1337	23.51	0.2244
Lowest	16QAM	1	3	20.82	0.1208	23.07	0.2028
Middle		1	3	20.64	0.1159	22.89	0.1945
Highest		1	3	20.46	0.1112	22.71	0.1866
Lowest	64QAM	1	0	19.78	0.0951	22.03	0.1596
Middle		1	0	19.73	0.0940	21.98	0.1578
Highest		1	0	19.54	0.0899	21.79	0.1510
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 2.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.54	0.1426	23.79	0.2393
Middle		1	0	21.56	0.1432	23.81	0.2404
Highest		1	0	21.22	0.1324	23.47	0.2223
Lowest	16QAM	1	8	20.80	0.1202	23.05	0.2018
Middle		1	8	20.58	0.1143	22.83	0.1919
Highest		1	8	20.53	0.1130	22.78	0.1897
Lowest	64QAM	1	0	19.85	0.0966	22.10	0.1622
Middle		1	0	19.65	0.0923	21.90	0.1549
Highest		1	0	19.54	0.0899	21.79	0.1510
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 2.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.44	0.1393	23.69	0.2339
Middle		1	0	21.70	0.1479	23.95	0.2483
Highest		1	0	21.34	0.1361	23.59	0.2286
Lowest	16QAM	1	0	20.92	0.1236	23.17	0.2075
Middle		1	0	20.64	0.1159	22.89	0.1945
Highest		1	0	20.55	0.1135	22.80	0.1905
Lowest	64QAM	1	0	19.93	0.0984	22.18	0.1652
Middle		1	0	19.58	0.0908	21.83	0.1524
Highest		1	0	19.49	0.0889	21.74	0.1493
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 2.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.56	0.1432	23.81	0.2404
Middle		1	0	21.64	0.1459	23.89	0.2449
Highest		1	0	21.31	0.1352	23.56	0.2270
Lowest	16QAM	1	0	20.89	0.1227	23.14	0.2061
Middle		1	0	20.76	0.1191	23.01	0.2000
Highest		1	0	20.71	0.1178	22.96	0.1977
Lowest	64QAM	1	0	19.86	0.0968	22.11	0.1626
Middle		1	0	19.73	0.0940	21.98	0.1578
Highest		1	0	19.56	0.0904	21.81	0.1517
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 2.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.65	0.1462	23.90	0.2455
Middle		1	0	21.72	0.1486	23.97	0.2495
Highest		1	0	21.36	0.1368	23.61	0.2296
Lowest	16QAM	1	0	21.00	0.1259	23.25	0.2113
Middle		1	0	20.86	0.1219	23.11	0.2046
Highest		1	0	20.72	0.1180	22.97	0.1982
Lowest	64QAM	1	0	20.01	0.1002	22.26	0.1683
Middle		1	0	19.79	0.0953	22.04	0.1600
Highest		1	0	19.72	0.0938	21.97	0.1574
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 2.25 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.66	0.1466	23.91	0.2460
Middle		1	0	21.76	0.1500	24.01	0.2518
Highest		1	0	21.43	0.1390	23.68	0.2333
Lowest	16QAM	1	0	21.04	0.1271	23.29	0.2133
Middle		1	0	20.87	0.1222	23.12	0.2051
Highest		1	0	20.80	0.1202	23.05	0.2018
Lowest	64QAM	1	0	20.02	0.1005	22.27	0.1687
Middle		1	0	19.83	0.0962	22.08	0.1614
Highest		1	0	19.72	0.0938	21.97	0.1574
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.62	0.2897	22.85	0.1928
Middle		1	0	24.59	0.2877	22.82	0.1914
Highest		1	0	24.19	0.2624	22.42	0.1746
Lowest	16QAM	1	0	23.95	0.2483	22.18	0.1652
Middle		1	0	23.85	0.2427	22.08	0.1614
Highest		1	0	23.56	0.2270	21.79	0.1510
Lowest	64QAM	1	3	22.89	0.1945	21.12	0.1294
Middle		1	3	22.69	0.1858	20.92	0.1236
Highest		1	3	22.35	0.1718	20.58	0.1143
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.57	0.2864	22.80	0.1905
Middle		1	0	24.58	0.2871	22.81	0.1910
Highest		1	0	24.25	0.2661	22.48	0.1770
Lowest	16QAM	1	0	23.97	0.2495	22.20	0.1660
Middle		1	0	23.84	0.2421	22.07	0.1611
Highest		1	0	23.61	0.2296	21.84	0.1528
Lowest	64QAM	1	0	22.95	0.1972	21.18	0.1312
Middle		1	0	22.82	0.1914	21.05	0.1274
Highest		1	0	22.49	0.1774	20.72	0.1180
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.62	0.2897	22.85	0.1928
Middle		1	0	24.64	0.2911	22.87	0.1936
Highest		1	0	24.26	0.2667	22.49	0.1774
Lowest	16QAM	1	0	24.04	0.2535	22.27	0.1687
Middle		1	0	23.83	0.2415	22.06	0.1607
Highest		1	0	23.61	0.2296	21.84	0.1528
Lowest	64QAM	1	0	23.01	0.2000	21.24	0.1330
Middle		1	0	22.84	0.1923	21.07	0.1279
Highest		1	0	22.54	0.1795	20.77	0.1194
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.67	0.2931	22.90	0.1950
Middle		1	0	24.74	0.2979	22.97	0.1982
Highest		1	0	24.34	0.2716	22.57	0.1807
Lowest	16QAM	1	0	24.06	0.2547	22.29	0.1694
Middle		1	0	23.91	0.2460	22.14	0.1637
Highest		1	0	23.69	0.2339	21.92	0.1556
Lowest	64QAM	1	0	23.03	0.2009	21.26	0.1337
Middle		1	0	22.88	0.1941	21.11	0.1291
Highest		1	0	22.64	0.1837	20.87	0.1222
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 1.47 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	22.75	0.1884	24.22	0.2642
Middle		1	24	22.89	0.1945	24.36	0.2729
Highest		1	24	23.22	0.2099	24.69	0.2944
Lowest	16QAM	1	12	21.80	0.1514	23.27	0.2123
Middle		1	12	22.23	0.1671	23.70	0.2344
Highest		1	12	22.38	0.1730	23.85	0.2427
Lowest	64QAM	1	12	20.69	0.1172	22.16	0.1644
Middle		1	12	21.15	0.1303	22.62	0.1828
Highest		1	12	21.32	0.1355	22.79	0.1901
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 1.47 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.41	0.1742	23.88	0.2443
Middle		1	0	23.33	0.2153	24.80	0.3020
Highest		1	0	23.00	0.1995	24.47	0.2799
Lowest	16QAM	1	49	22.20	0.1660	23.67	0.2328
Middle		1	49	22.32	0.1706	23.79	0.2393
Highest		1	49	22.36	0.1722	23.83	0.2415
Lowest	64QAM	1	25	20.70	0.1175	22.17	0.1648
Middle		1	25	21.15	0.1303	22.62	0.1828
Highest		1	25	21.37	0.1371	22.84	0.1923
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 1.47 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.40	0.1738	23.87	0.2438
Middle		1	0	23.41	0.2193	24.88	0.3076
Highest		1	0	23.01	0.2000	24.48	0.2805
Lowest	16QAM	1	37	21.88	0.1542	23.35	0.2163
Middle		1	37	22.25	0.1679	23.72	0.2355
Highest		1	37	22.46	0.1762	23.93	0.2472
Lowest	64QAM	1	37	20.80	0.1202	22.27	0.1687
Middle		1	37	21.18	0.1312	22.65	0.1841
Highest		1	37	21.46	0.1400	22.93	0.1963
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = 1.47 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.49	0.1774	23.96	0.2489
Middle		1	0	23.41	0.2193	24.88	0.3076
Highest		1	0	23.11	0.2046	24.58	0.2871
Lowest	16QAM	1	99	22.23	0.1671	23.70	0.2344
Middle		1	99	22.41	0.1742	23.88	0.2443
Highest		1	99	22.49	0.1774	23.96	0.2489
Lowest	64QAM	1	49	20.84	0.1213	22.31	0.1702
Middle		1	49	21.19	0.1315	22.66	0.1845
Highest		1	49	21.46	0.1400	22.93	0.1963
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = 1.54 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.55	0.2265	22.94	0.1968
Middle		1	0	23.74	0.2366	23.13	0.2056
Highest		1	0	23.65	0.2317	23.04	0.2014
Lowest	16QAM	1	3	23.59	0.2286	22.98	0.1986
Middle		1	3	23.51	0.2244	22.90	0.1950
Highest		1	3	23.48	0.2228	22.87	0.1936
Lowest	64QAM	1	3	22.43	0.1750	21.82	0.1521
Middle		1	3	22.46	0.1762	21.85	0.1531
Highest		1	3	22.32	0.1706	21.71	0.1483
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = 1.54 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	23.74	0.2366	23.13	0.2056
Middle		1	8	23.76	0.2377	23.15	0.2065
Highest		1	8	23.78	0.2388	23.17	0.2075
Lowest	16QAM	1	8	23.02	0.2004	22.41	0.1742
Middle		1	8	23.13	0.2056	22.52	0.1786
Highest		1	8	23.25	0.2113	22.64	0.1837
Lowest	64QAM	1	8	22.18	0.1652	21.57	0.1435
Middle		1	8	22.00	0.1585	21.39	0.1377
Highest		1	8	22.03	0.1596	21.42	0.1387
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = 1.54 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.81	0.2404	23.20	0.2089
Middle		1	12	23.77	0.2382	23.16	0.2070
Highest		1	12	23.68	0.2333	23.07	0.2028
Lowest	16QAM	1	12	23.08	0.2032	22.47	0.1766
Middle		1	12	23.13	0.2056	22.52	0.1786
Highest		1	12	23.16	0.2070	22.55	0.1799
Lowest	64QAM	1	12	22.11	0.1626	21.50	0.1413
Middle		1	12	22.03	0.1596	21.42	0.1387
Highest		1	12	22.03	0.1596	21.42	0.1387
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = 1.54 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.63	0.2307	23.02	0.2004
Middle		1	0	23.77	0.2382	23.16	0.2070
Highest		1	0	23.67	0.2328	23.06	0.2023
Lowest	16QAM	1	25	23.17	0.2075	22.56	0.1803
Middle		1	25	23.11	0.2046	22.50	0.1778
Highest		1	25	23.06	0.2023	22.45	0.1758
Lowest	64QAM	1	25	22.10	0.1622	21.49	0.1409
Middle		1	25	22.05	0.1603	21.44	0.1393
Highest		1	25	21.97	0.1574	21.36	0.1368
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = 0.42 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.39	0.2183	21.66	0.1466
Middle		1	0	23.66	0.2323	21.93	0.1560
Highest		1	0	23.50	0.2239	21.77	0.1503
Lowest	16QAM	1	12	22.71	0.1866	20.98	0.1253
Middle		1	12	22.78	0.1897	21.05	0.1274
Highest		1	12	22.98	0.1986	21.25	0.1334
Lowest	64QAM	1	12	21.70	0.1479	19.97	0.0993
Middle		1	12	21.75	0.1496	20.02	0.1005
Highest		1	12	21.92	0.1556	20.19	0.1045
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = 0.42 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	23.62	0.2301	21.89	0.1545
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	22.86	0.1932	21.13	0.1297
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	21.83	0.1524	20.10	0.1023
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = 1.54 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.71	0.2350	23.10	0.2042
Middle		1	0	23.72	0.2355	23.11	0.2046
Highest		1	0	23.64	0.2312	23.03	0.2009
Lowest	16QAM	1	0	23.12	0.2051	22.51	0.1782
Middle		1	0	23.06	0.2023	22.45	0.1758
Highest		1	0	23.06	0.2023	22.45	0.1758
Lowest	64QAM	1	0	22.10	0.1622	21.49	0.1409
Middle		1	0	21.97	0.1574	21.36	0.1368
Highest		1	0	21.93	0.1560	21.32	0.1355
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = 1.54 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.74	0.2366	23.13	0.2056
Middle		1	0	23.77	0.2382	23.16	0.2070
Highest		1	0	23.69	0.2339	23.08	0.2032
Lowest	16QAM	1	0	23.16	0.2070	22.55	0.1799
Middle		1	0	23.14	0.2061	22.53	0.1791
Highest		1	0	23.13	0.2056	22.52	0.1786
Lowest	64QAM	1	0	22.06	0.1607	21.45	0.1396
Middle		1	0	22.11	0.1626	21.50	0.1413
Highest		1	0	22.09	0.1618	21.48	0.1406
Limit	ERP < 3W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.66	0.2924	22.89	0.1945
Middle		1	0	24.87	0.3069	23.10	0.2042
Highest		1	0	24.38	0.2742	22.61	0.1824
Lowest	16QAM	1	0	23.98	0.2500	22.21	0.1663
Middle		1	0	24.03	0.2529	22.26	0.1683
Highest		1	0	23.72	0.2355	21.95	0.1567
Lowest	64QAM	1	0	22.92	0.1959	21.15	0.1303
Middle		1	0	22.93	0.1963	21.16	0.1306
Highest		1	0	22.66	0.1845	20.89	0.1227
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.75	0.2985	22.98	0.1986
Middle		1	0	24.77	0.2999	23.00	0.1995
Highest		1	0	24.51	0.2825	22.74	0.1879
Lowest	16QAM	1	0	23.96	0.2489	22.19	0.1656
Middle		1	0	24.14	0.2594	22.37	0.1726
Highest		1	0	23.87	0.2438	22.10	0.1622
Lowest	64QAM	1	0	22.96	0.1977	21.19	0.1315
Middle		1	0	23.04	0.2014	21.27	0.1340
Highest		1	0	22.75	0.1884	20.98	0.1253
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.81	0.3027	23.04	0.2014
Middle		1	0	24.75	0.2985	22.98	0.1986
Highest		1	0	24.49	0.2812	22.72	0.1871
Lowest	16QAM	1	0	24.07	0.2553	22.30	0.1698
Middle		1	0	24.10	0.2570	22.33	0.1710
Highest		1	0	23.92	0.2466	22.15	0.1641
Lowest	64QAM	1	0	23.01	0.2000	21.24	0.1330
Middle		1	0	23.08	0.2032	21.31	0.1352
Highest		1	0	22.83	0.1919	21.06	0.1276
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.81	0.3027	23.04	0.2014
Middle		1	0	24.83	0.3041	23.06	0.2023
Highest		1	0	24.62	0.2897	22.85	0.1928
Lowest	16QAM	1	0	24.05	0.2541	22.28	0.1690
Middle		1	0	24.17	0.2612	22.40	0.1738
Highest		1	0	23.90	0.2455	22.13	0.1633
Lowest	64QAM	1	0	23.04	0.2014	21.27	0.1340
Middle		1	0	23.12	0.2051	21.35	0.1365
Highest		1	0	22.91	0.1954	21.14	0.1300
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = 0.38 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.87	0.3069	23.10	0.2042
Middle		1	0	24.90	0.3090	23.13	0.2056
Highest		1	0	24.64	0.2911	22.87	0.1936
Lowest	16QAM	1	0	24.15	0.2600	22.38	0.1730
Middle		1	0	24.23	0.2649	22.46	0.1762
Highest		1	0	23.97	0.2495	22.20	0.1660
Lowest	64QAM	1	0	23.12	0.2051	21.35	0.1365
Middle		1	0	23.18	0.2080	21.41	0.1384
Highest		1	0	22.91	0.1954	21.14	0.1300
Limit	ERP < 7W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	21.52	0.1419	23.88	0.2443
Middle		1	3	21.41	0.1384	23.77	0.2382
Highest		1	3	21.42	0.1387	23.78	0.2388
Lowest	16QAM	1	0	20.75	0.1189	23.11	0.2046
Middle		1	0	20.88	0.1225	23.24	0.2109
Highest		1	0	20.62	0.1153	22.98	0.1986
Lowest	64QAM	1	3	19.79	0.0953	22.15	0.1641
Middle		1	3	19.62	0.0916	21.98	0.1578
Highest		1	3	19.63	0.0918	21.99	0.1581
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	21.56	0.1432	23.92	0.2466
Middle		1	8	21.59	0.1442	23.95	0.2483
Highest		1	8	21.34	0.1361	23.70	0.2344
Lowest	16QAM	1	0	20.70	0.1175	23.06	0.2023
Middle		1	0	20.94	0.1242	23.30	0.2138
Highest		1	0	20.68	0.1169	23.04	0.2014
Lowest	64QAM	1	0	19.69	0.0931	22.05	0.1603
Middle		1	0	19.84	0.0964	22.20	0.1660
Highest		1	0	19.66	0.0925	22.02	0.1592
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.52	0.1419	23.88	0.2443
Middle		1	0	21.59	0.1442	23.95	0.2483
Highest		1	0	21.49	0.1409	23.85	0.2427
Lowest	16QAM	1	12	20.99	0.1256	23.35	0.2163
Middle		1	12	20.82	0.1208	23.18	0.2080
Highest		1	12	20.77	0.1194	23.13	0.2056
Lowest	64QAM	1	12	19.94	0.0986	22.30	0.1698
Middle		1	12	19.82	0.0959	22.18	0.1652
Highest		1	12	19.65	0.0923	22.01	0.1589
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	21.67	0.1469	24.03	0.2529
Middle		1	25	21.56	0.1432	23.92	0.2466
Highest		1	25	21.59	0.1442	23.95	0.2483
Lowest	16QAM	1	25	21.06	0.1276	23.42	0.2198
Middle		1	25	20.94	0.1242	23.30	0.2138
Highest		1	25	20.90	0.1230	23.26	0.2118
Lowest	64QAM	1	0	19.84	0.0964	22.20	0.1660
Middle		1	0	19.95	0.0989	22.31	0.1702
Highest		1	0	19.68	0.0929	22.04	0.1600
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.53	0.1422	23.89	0.2449
Middle		1	0	21.72	0.1486	24.08	0.2559
Highest		1	0	21.53	0.1422	23.89	0.2449
Lowest	16QAM	1	37	21.05	0.1274	23.41	0.2193
Middle		1	37	20.96	0.1247	23.32	0.2148
Highest		1	37	20.86	0.1219	23.22	0.2099
Lowest	64QAM	1	37	19.99	0.0998	22.35	0.1718
Middle		1	37	19.87	0.0971	22.23	0.1671
Highest		1	37	19.88	0.0973	22.24	0.1675
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = 2.36 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.63	0.1455	23.99	0.2506
Middle		1	0	21.76	0.1500	24.12	0.2582
Highest		1	0	21.58	0.1439	23.94	0.2477
Lowest	16QAM	1	49	21.08	0.1282	23.44	0.2208
Middle		1	49	21.02	0.1265	23.38	0.2178
Highest		1	49	20.94	0.1242	23.30	0.2138
Lowest	64QAM	1	0	19.92	0.0982	22.28	0.1690
Middle		1	0	20.01	0.1002	22.37	0.1726
Highest		1	0	19.83	0.0962	22.19	0.1656
Limit	EIRP < 1W			Result		PASS	



Radiated Spurious Emission

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	1649	-54.02	-13	-41.02	-66.96	-59.41	1.23	8.77	H
	2473	-57.27	-13	-44.27	-73.97	-64.16	1.44	10.48	H
	3298	-57.43	-13	-44.43	-75.98	-65.37	1.70	11.79	H
									H
									H
									H
									H
	1649	-59.23	-13	-46.23	-72.04	-64.62	1.23	8.77	V
	2473	-58.77	-13	-45.77	-75.76	-65.66	1.44	10.48	V
	3298	-56.62	-13	-43.62	-75.57	-64.56	1.70	11.79	V
									V
									V
									V
									V
Middle	1664	-56.06	-13	-43.06	-69.05	-61.50	1.23	8.82	H
	2496	-55.72	-13	-42.72	-72.36	-62.63	1.44	10.50	H
	3328	-57.10	-13	-44.10	-75.44	-65.11	1.73	11.88	H
									H
									H
									H
									H
	1664	-59.88	-13	-46.88	-72.75	-65.32	1.23	8.82	V
	2496	-55.20	-13	-42.20	-72.05	-62.11	1.44	10.50	V
	3328	-56.58	-13	-43.58	-75.4	-64.59	1.73	11.88	V
									V



Highest	1679	-56.83	-13	-43.83	-69.86	-62.32	1.24	8.88	H
	2518	-58.94	-13	-45.94	-75.6	-65.86	1.44	10.51	H
	3358	-57.80	-13	-44.80	-75.95	-65.87	1.75	11.97	H
									H
									H
									H
									H
	1679	-60.73	-13	-47.73	-73.65	-66.22	1.24	8.88	V
	2518	-58.48	-13	-45.48	-75.34	-65.40	1.44	10.51	V
	3358	-56.83	-13	-43.83	-75.55	-64.90	1.75	11.97	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	1649	-59.09	-13	-46.09	-72.05	-64.48	1.23	8.77	H
	2474	-58.99	-13	-45.99	-75.77	-65.88	1.44	10.48	H
	3299	-56.78	-13	-43.78	-75.67	-64.72	1.71	11.80	H
									H
									H
									H
									H
	1649	-59.64	-13	-46.64	-72.45	-65.03	1.23	8.77	V
	2474	-58.48	-13	-45.48	-75.65	-65.37	1.44	10.48	V
	3299	-56.54	-13	-43.54	-75.72	-64.48	1.71	11.80	V
									V
									V
									V
									V
Middle	1659	-56.54	-13	-43.54	-69.51	-61.96	1.23	8.80	H
	2489	-58.81	-13	-45.81	-75.52	-65.71	1.44	10.49	H
	3319	-57.34	-13	-44.34	-75.93	-65.33	1.72	11.86	H
									H
									H
									H
									H
	1659	-61.18	-13	-48.18	-74.02	-66.60	1.23	8.80	V
	2489	-58.51	-13	-45.51	-75.5	-65.41	1.44	10.49	V
	3319	-56.83	-13	-43.83	-75.82	-64.82	1.72	11.86	V
									V
									V
									V
									V



Highest	1669	-58.63	-13	-45.63	-71.63	-64.09	1.23	8.84	H
	2504	-58.76	-13	-45.76	-75.39	-65.67	1.44	10.50	H
	3339	-57.24	-13	-44.24	-75.51	-65.27	1.74	11.92	H
									H
									H
									H
									H
	1669	-60.63	-13	-47.63	-73.52	-66.09	1.23	8.84	V
	2504	-59.01	-13	-46.01	-75.83	-65.92	1.44	10.50	V
	3339	-56.92	-13	-43.92	-75.71	-64.95	1.74	11.92	V
									V
									V
									V
									V

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



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	-54.92	-13	-41.92	-75.52	-65.23	1.97	12.28	H	
	5555	-53.44	-13	-40.44	-77	-63.57	2.14	12.28	H	
	7410	-48.07	-13	-35.07	-76.28	-56.06	2.17	10.16	H	
										H
										H
										H
										H
	3700	-54.80	-13	-41.80	-75.92	-65.11	1.97	12.28	V	
	5555	-52.60	-13	-39.60	-76.78	-62.73	2.14	12.28	V	
	7410	-47.51	-13	-34.51	-75.68	-55.50	2.17	10.16	V	
										V
										V
										V
										V
Middle	3742	-55.34	-13	-42.34	-76.03	-65.60	2.00	12.25	H	
	5611	-53.49	-13	-40.49	-77	-63.72	2.13	12.36	H	
	7480	-48.01	-13	-35.01	-76.05	-55.92	2.13	10.04	H	
										H
										H
										H
										H
	3742	-54.29	-13	-41.29	-75.49	-64.55	2.00	12.25	V	
	5611	-52.69	-13	-39.69	-76.85	-62.92	2.13	12.36	V	
	7480	-48.28	-13	-35.28	-76.2	-56.19	2.13	10.04	V	
										V
										V
										V
										V



Highest	3784	-54.55	-13	-41.55	-75.35	-64.76	2.02	12.23	H
	5674	-52.72	-13	-39.72	-76.55	-63.05	2.11	12.44	H
	7571	-48.47	-13	-35.47	-75.94	-56.61	2.11	10.26	H
									H
									H
									H
									H
	3784	-53.16	-13	-40.16	-74.45	-63.37	2.02	12.23	V
	5674	-52.18	-13	-39.18	-76.6	-62.51	2.11	12.44	V
	7571	-48.45	-13	-35.45	-75.91	-56.59	2.11	10.26	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	3700	-46.99	-13	-33.99	-67.59	-57.30	1.97	12.28	H
	5555	-47.07	-13	-34.07	-70.63	-57.20	2.14	12.28	H
	7400	-46.54	-13	-33.54	-74.78	-54.54	2.18	10.18	H
									H
									H
									H
									H
	3700	-53.36	-13	-40.36	-74.48	-63.67	1.97	12.28	V
	5555	-49.48	-13	-36.48	-73.66	-59.61	2.14	12.28	V
	7400	-47.52	-13	-34.52	-75.73	-55.52	2.18	10.18	V
									V
									V
									V
									V
Middle	3742	-53.37	-13	-40.37	-74.06	-63.63	2.00	12.25	H
	5611	-52.98	-13	-39.98	-76.49	-63.21	2.13	12.36	H
	7487	-47.55	-13	-34.55	-75.58	-55.45	2.12	10.02	H
									H
									H
									H
									H
	3742	-54.94	-13	-41.94	-76.14	-65.20	2.00	12.25	V
	5611	-52.38	-13	-39.38	-76.54	-62.61	2.13	12.36	V
	7487	-48.13	-13	-35.13	-76.03	-56.03	2.12	10.02	V
									V
									V
									V
									V



Highest	3791	-48.48	-13	-35.48	-69.3	-58.68	2.02	12.23	H
	5688	-50.31	-13	-37.31	-74.23	-60.66	2.11	12.46	H
	7582	-48.20	-13	-35.20	-75.59	-56.38	2.11	10.30	H
									H
									H
									H
									H
	3791	-50.76	-13	-37.76	-72.07	-60.96	2.02	12.23	V
	5688	-46.69	-13	-33.69	-71.17	-57.04	2.11	12.46	V
	7582	-48.21	-13	-35.21	-75.6	-56.39	2.11	10.30	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	-56.70	-13	-43.70	-75.66	-67.06	1.80	12.16	H
	5135	-52.86	-13	-39.86	-76.35	-62.68	2.30	12.13	H
	6843	-50.28	-13	-37.28	-76.57	-58.97	2.37	11.06	H
									H
									H
									H
									H
	3420	-56.27	-13	-43.27	-75.86	-66.63	1.80	12.16	V
	5135	-52.71	-13	-39.71	-76.77	-62.53	2.30	12.13	V
	6843	-49.62	-13	-36.62	-76.46	-58.31	2.37	11.06	V
									V
									V
									V
									V
Middle	3448	-56.62	-13	-43.62	-75.85	-67.04	1.83	12.24	H
	5172	-53.31	-13	-40.31	-76.84	-63.15	2.29	12.13	H
	6896	-50.07	-13	-37.07	-76.5	-58.69	2.38	11.00	H
									H
									H
									H
									H
	3448	-56.39	-13	-43.39	-76.19	-66.81	1.83	12.24	V
	5172	-52.90	-13	-39.90	-76.99	-62.74	2.29	12.13	V
	6896	-49.50	-13	-36.50	-76.52	-58.12	2.38	11.00	V
									V
									V
									V
									V



Highest	3469	-56.90	-13	-43.90	-76.43	-67.36	1.84	12.31	H
	5204	-53.43	-13	-40.43	-76.99	-63.29	2.28	12.14	H
	6941	-50.00	-13	-37.00	-76.56	-58.56	2.40	10.96	H
									H
									H
									H
									H
	3469	-55.95	-13	-42.95	-75.91	-66.41	1.84	12.31	V
	5204	-53.28	-13	-40.28	-77.39	-63.14	2.28	12.14	V
	6941	-49.52	-13	-36.52	-76.7	-58.08	2.40	10.96	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	5002	-60.97	-25	-35.97	-53.98	-70.71	2.36	12.10	H
	7503	-39.08	-25	-14.08	-37.48	-46.98	2.11	10.01	H
	10004	-38.42	-25	-13.42	-40.72	-48.42	1.81	11.80	H
	12505	-55.15	-25	-30.15	-60.33	-65.89	2.55	13.29	H
									H
									H
									H
	5002	-60.78	-25	-35.78	-54.4	-70.52	2.36	12.10	V
	7503	-39.21	-25	-14.21	-37.49	-47.11	2.11	10.01	V
	10004	-43.90	-25	-18.90	-45.3	-53.90	1.81	11.80	V
	12505	-55.62	-25	-30.62	-59.66	-66.36	2.55	13.29	V
									V
									V
									V
Middle	5052	-61.33	-25	-36.33	-54.5	-71.10	2.34	12.11	H
	7578	-35.23	-25	-10.23	-33.19	-43.40	2.11	10.28	H
	10104	-42.22	-25	-17.22	-44.69	-52.10	1.96	11.84	H
	12630	-54.35	-25	-29.35	-59.13	-64.95	2.54	13.14	H
									H
									H
									H
	5052	-62.71	-25	-37.71	-56.51	-72.48	2.34	12.11	V
	7578	-41.79	-25	-16.79	-39.78	-49.96	2.11	10.28	V
	10104	-44.88	-25	-19.88	-46.64	-54.76	1.96	11.84	V
	12630	-58.22	-25	-33.22	-62.01	-68.82	2.54	13.14	V
									V
									V
									V



Highest	5102	-59.55	-25	-34.55	-52.91	-69.35	2.32	12.12	H
	7653	-36.23	-25	-11.23	-34.37	-44.67	2.11	10.55	H
	10204	-47.22	-25	-22.22	-49.86	-56.98	2.12	11.88	H
	12755	-54.47	-25	-29.47	-59.15	-64.93	2.53	12.99	H
									H
									H
									H
	5102	-61.45	-25	-36.45	-55.39	-71.25	2.32	12.12	V
	7653	-36.79	-25	-11.79	-34.98	-45.23	2.11	10.55	V
	10204	-47.19	-25	-22.19	-49.37	-56.95	2.12	11.88	V
	12755	-54.35	-25	-29.35	-58.15	-64.81	2.53	12.99	V
									V
									V
									V

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



LTE Band 12

LTE Band 12 / 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	1400	-57.44	-13.00	-44.44	-71.87	-61.88	1.15	7.74	H	
	2100	-58.76	-13.00	-45.76	-75.47	-65.41	1.38	10.18	H	
	2800	-58.34	-13.00	-45.34	-75.99	-65.48	1.45	10.74	H	
										H
										H
										H
										H
	1400	-55.22	-13.00	-42.22	-69.18	-59.66	1.15	7.74	V	
	2100	-58.70	-13.00	-45.70	-75.66	-65.35	1.38	10.18	V	
	2800	-57.60	-13.00	-44.60	-75.66	-64.74	1.45	10.74	V	
										V
										V
										V
										V
Middle	1416	-58.27	-13.00	-45.27	-72.62	-62.78	1.15	7.81	H	
	2124	-58.26	-13.00	-45.26	-75.38	-64.93	1.38	10.20	H	
	2832	-58.10	-13.00	-45.10	-75.83	-65.26	1.45	10.77	H	
										H
										H
										H
										H
	1416	-58.21	-13.00	-45.21	-72.03	-62.72	1.15	7.81	V	
	2124	-58.23	-13.00	-45.23	-75.66	-64.90	1.38	10.20	V	
	2832	-57.63	-13.00	-44.63	-75.78	-64.79	1.45	10.77	V	
										V
										V
										V
										V



Highest	1424	-57.51	-13.00	-44.51	-71.82	-62.06	1.15	7.85	H
	2136	-58.57	-13.00	-45.57	-75.89	-65.25	1.38	10.21	H
	2848	-57.84	-13.00	-44.84	-75.62	-65.01	1.45	10.78	H
									H
									H
									H
									H
	1424	-55.38	-13.00	-42.38	-69.19	-59.93	1.15	7.85	V
	2136	-58.20	-13.00	-45.20	-75.86	-64.88	1.38	10.21	V
	2848	-57.44	-13.00	-44.44	-75.65	-64.61	1.45	10.78	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	1552	-53.41	-13	-40.41	-66.76	-58.47	1.19	8.40	H	
	2336	-47.75	-13	-34.75	-65.12	-54.56	1.41	10.37	H	
	3888	-50.99	-13	-37.99	-71.40	-58.94	2.07	12.17	H	
										H
										H
										H
										H
	1552	-56.13	-13.00	-43.13	-69.26	-61.19	1.19	8.40	V	
	2336	-54.21	-13	-41.21	-72.12	-61.02	1.41	10.37	V	
	3888	-54.84	-13	-41.84	-75.71	-62.79	2.07	12.17	V	
										V
										V
										V
										V
Middle	1560	-54.74	-42.15	-12.59	-68.01	-59.83	1.19	8.43	H	
	2336	-55.06	-13	-42.06	-72.43	-61.87	1.41	10.37	H	
	3896	-52.74	-13	-39.74	-73.16	-60.68	2.08	12.16	H	
										H
										H
										H
										H
	1560	-57.34	-42.15	-15.19	-70.39	-62.43	1.19	8.43	V	
	2336	-47.03	-13	-34.03	-64.94	-53.84	1.41	10.37	V	
	3896	-55.15	-13	-42.15	-76.02	-63.09	2.08	12.16	V	
										V
										V
										V
										V



Highest	1568	-55.25	-42.15	-13.10	-68.42	-60.36	1.20	8.46	H
	2344	-57.37	-13	-44.37	-74.69	-64.18	1.42	10.38	H
	3912	-52.82	-13	-39.82	-73.27	-60.74	2.08	12.15	H
									H
									H
									H
									H
	1568	-57.68	-42.15	-15.53	-70.64	-62.79	1.20	8.46	V
	2344	-56.57	-13	-43.57	-74.42	-63.38	1.42	10.38	V
	3912	-55.33	-13	-42.33	-76.22	-63.25	2.08	12.15	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	1555	-54.61	-13	-41.61	-67.94	-59.68	1.19	8.41	H
	2332	-55.85	-13	-42.85	-73.25	-62.65	1.41	10.37	H
	3110	-56.57	-13	-43.57	-75.3	-64.10	1.55	11.23	H
	3887	-51.21	-13	-38.21	-71.62	-59.16	2.07	12.17	H
									H
									H
									H
	1555	-57.54	-13	-44.54	-70.65	-62.61	1.19	8.41	V
	2332	-57.82	-13	-44.82	-75.75	-64.62	1.41	10.37	V
	3110	-57.06	-13	-44.06	-76.08	-64.59	1.55	11.23	V
	3887	-54.70	-13	-41.70	-75.64	-62.65	2.07	12.17	V
									V
									V
									V

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



LTE Band 17

LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-56.35	-13	-43.35	-70.77	-60.83	1.15	7.78	H
	2112	-58.07	-13	-45.07	-74.98	-64.73	1.38	10.19	H
	2816	-58.38	-13	-45.38	-76.06	-65.53	1.45	10.75	H
									H
									H
									H
									H
	1408	-54.53	-13	-41.53	-68.38	-59.01	1.15	7.78	V
	2112	-56.53	-13	-43.53	-73.72	-63.19	1.38	10.19	V
	2816	-56.73	-13	-43.73	-74.83	-63.88	1.45	10.75	V
									V
									V
									V
									V
Middle	1408	-56.76	-13	-43.76	-71.15	-61.24	1.15	7.78	H
	2112	-58.94	-13	-45.94	-75.85	-65.60	1.38	10.19	H
	3528	-57.01	-13	-44.01	-76.19	-65.36	1.88	12.38	H
									H
									H
									H
									H
	1408	-54.68	-13	-41.68	-68.53	-59.16	1.15	7.78	V
	2112	-58.56	-13	-45.56	-75.75	-65.22	1.38	10.19	V
	3528	-54.81	-13	-41.81	-74.47	-63.16	1.88	12.38	V
									V
									V
									V
									V



Highest	1416	-57.01	-13	-44.01	-71.36	-61.52	1.15	7.81	H
	2120	-55.84	-13	-42.84	-72.89	-62.51	1.38	10.20	H
	2840	-58.23	-13	-45.23	-75.98	-65.40	1.45	10.77	H
									H
									H
									H
									H
	1416	-55.75	-13	-42.75	-69.57	-60.26	1.15	7.81	V
	2120	-56.53	-13	-43.53	-73.89	-63.20	1.38	10.20	V
	2840	-57.12	-13	-44.12	-75.29	-64.29	1.45	10.77	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	-57.28	-13	-44.28	-76.27	-67.64	1.81	12.17	H
	5133	-52.81	-13	-39.81	-76.3	-62.63	2.31	12.13	H
	6844	-50.09	-13	-37.09	-76.38	-58.78	2.37	11.06	H
									H
									H
									H
									H
	3422	-56.67	-13	-43.67	-76.29	-67.03	1.81	12.17	V
	5133	-52.28	-13	-39.28	-76.34	-62.10	2.31	12.13	V
	6844	-49.61	-13	-36.61	-76.45	-58.30	2.37	11.06	V
									V
									V
									V
									V
Middle	3472	-56.52	-13	-43.52	-75.99	-66.99	1.85	12.32	H
	5208	-53.79	-13	-40.79	-77.36	-63.66	2.27	12.14	H
	6944	-49.83	-13	-36.83	-76.4	-58.39	2.40	10.96	H
									H
									H
									H
									H
	3472	-43.26	-13	-30.26	-76.25	-53.73	1.85	12.32	V
	5208	-52.56	-13	-39.56	-76.68	-62.43	2.27	12.14	V
	6944	-49.20	-13	-36.20	-76.39	-57.76	2.40	10.96	V
									V
									V
									V
									V



Highest	3522	-56.32	-13	-43.32	-76.2	-66.83	1.88	12.39	H
	5283	-53.44	-13	-40.44	-77.03	-63.35	2.24	12.16	H
	7044	-49.01	-13	-36.01	-75.94	-57.44	2.39	10.82	H
									H
									H
									H
									H
	3522	-55.90	-13	-42.90	-76.25	-66.41	1.88	12.39	V
	5283	-53.01	-13	-40.01	-77.13	-62.92	2.24	12.16	V
	7044	-48.42	-13	-35.42	-75.96	-56.85	2.39	10.82	V
									V
									V
									V
									V

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