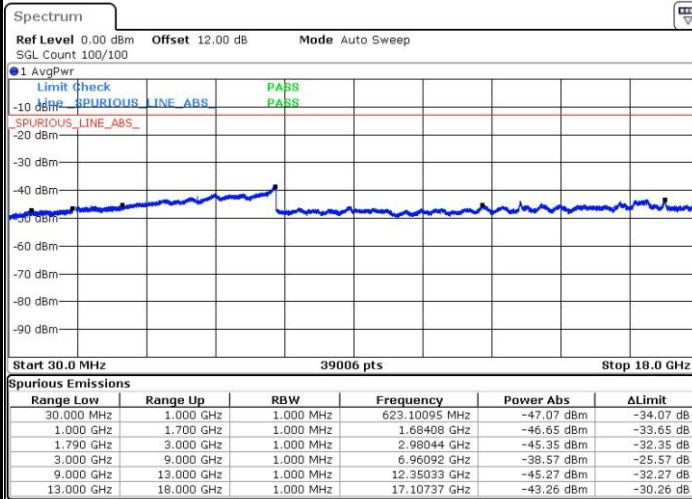




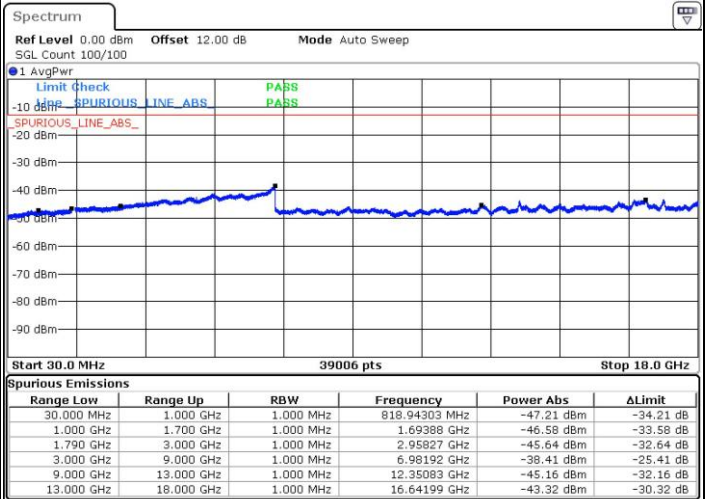
LTE Band 66 / 20MHz

Middle Channel / QPSK



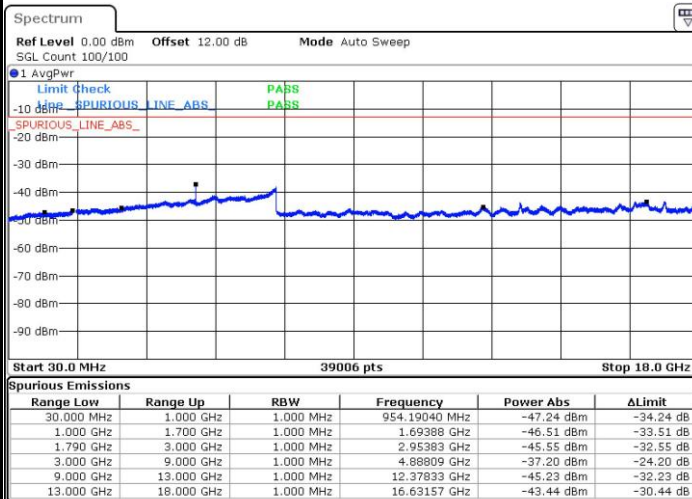
Date: 24.JUN.2019 01:14:00

Middle Channel / 16QAM



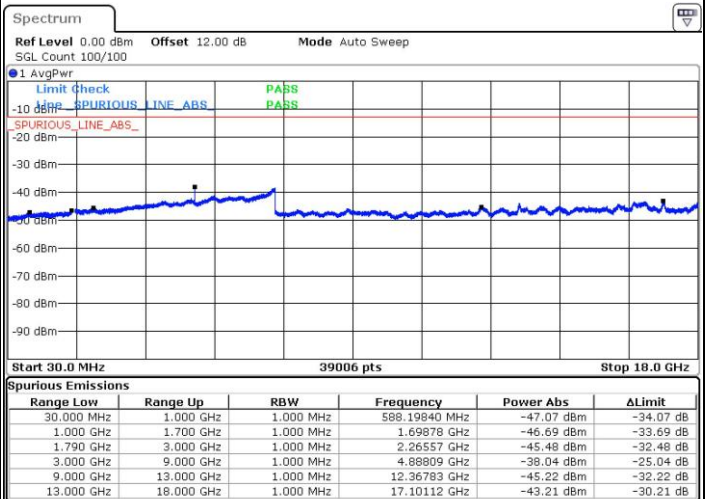
Date: 24.JUN.2019 01:15:02

Highest Channel / QPSK



Date: 24.JUN.2019 01:20:23

Highest Channel / 16QAM



Date: 24.JUN.2019 01:21:25

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	0.0034	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0055	
0	Normal Voltage	0.0050	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0053	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.8 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



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

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	22.40	0.1738	22.70	0.1862
Middle		3	1	22.67	0.1849	22.97	0.1982
Highest		3	1	22.47	0.1766	22.77	0.1892
Lowest	16QAM	1	3	21.75	0.1496	22.05	0.1603
Middle		1	3	21.84	0.1528	22.14	0.1637
Highest		1	3	21.24	0.1330	21.54	0.1426
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.43	0.1750	22.73	0.1875
Middle		1	0	22.67	0.1849	22.97	0.1982
Highest		1	0	22.18	0.1652	22.48	0.1770
Lowest	16QAM	1	0	21.68	0.1472	21.98	0.1578
Middle		1	0	21.87	0.1538	22.17	0.1648
Highest		1	0	21.38	0.1374	21.68	0.1472
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.18	0.1652	22.48	0.1770
Middle		1	0	22.68	0.1854	22.98	0.1986
Highest		1	0	22.15	0.1641	22.45	0.1758
Lowest	16QAM	1	0	21.52	0.1419	21.82	0.1521
Middle		1	0	21.95	0.1567	22.25	0.1679
Highest		1	0	21.45	0.1396	21.75	0.1496
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.39	0.1734	22.69	0.1858
Middle		1	49	22.61	0.1824	22.91	0.1954
Highest		1	49	22.40	0.1738	22.70	0.1862
Lowest	16QAM	1	49	21.70	0.1479	22.00	0.1585
Middle		1	49	21.96	0.1570	22.26	0.1683
Highest		1	49	21.22	0.1324	21.52	0.1419
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	22.42	0.1746	22.72	0.1871
Middle		1	74	22.64	0.1837	22.94	0.1968
Highest		1	74	22.04	0.1600	22.34	0.1714
Lowest	16QAM	1	74	21.72	0.1486	22.02	0.1592
Middle		1	74	21.96	0.1570	22.26	0.1683
Highest		1	74	21.37	0.1371	21.67	0.1469
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 0.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.37	0.1726	22.67	0.1849
Middle		1	0	22.71	0.1866	23.01	0.2000
Highest		1	0	22.57	0.1807	22.87	0.1936
Lowest	16QAM	1	99	21.66	0.1466	21.96	0.1570
Middle		1	99	21.95	0.1567	22.25	0.1679
Highest		1	99	21.33	0.1358	21.63	0.1455
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.93	0.1963	23.93	0.2472
Middle		1	3	22.87	0.1936	23.87	0.2438
Highest		1	3	22.36	0.1722	23.36	0.2168
Lowest	16QAM	1	3	22.19	0.1656	23.19	0.2084
Middle		1	3	22.14	0.1637	23.14	0.2061
Highest		1	3	21.92	0.1556	22.92	0.1959
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 3MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.90	0.1950	23.90	0.2455
Middle		1	0	22.95	0.1972	23.95	0.2483
Highest		1	0	22.16	0.1644	23.16	0.2070
Lowest	16QAM	1	0	22.18	0.1652	23.18	0.2080
Middle		1	0	22.25	0.1679	23.25	0.2113
Highest		1	0	21.22	0.1324	22.22	0.1667
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 5MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	22.84	0.1923	23.84	0.2421
Middle		1	24	22.86	0.1932	23.86	0.2432
Highest		1	24	23.11	0.2046	24.11	0.2576
Lowest	16QAM	1	0	22.26	0.1683	23.26	0.2118
Middle		1	0	22.26	0.1683	23.26	0.2118
Highest		1	0	22.49	0.1774	23.49	0.2234
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 10MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.95	0.1972	23.95	0.2483
Middle		1	0	22.93	0.1963	23.93	0.2472
Highest		1	0	23.23	0.2104	24.23	0.2649
Lowest	16QAM	1	0	22.27	0.1687	23.27	0.2123
Middle		1	0	22.28	0.1690	23.28	0.2128
Highest		1	0	22.49	0.1774	23.49	0.2234
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 15MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.07	0.2028	24.07	0.2553
Middle		1	0	22.94	0.1968	23.94	0.2477
Highest		1	0	23.21	0.2094	24.21	0.2636
Lowest	16QAM	1	0	22.34	0.1714	23.34	0.2158
Middle		1	0	22.27	0.1687	23.27	0.2123
Highest		1	0	22.46	0.1762	23.46	0.2218
Limit	EIRP < 2W			Result		PASS	

LTE Band 25 / 20MHz (Average) (GT - LC = 1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.32	0.2148	24.32	0.2704
Middle		1	0	22.46	0.1762	23.46	0.2218
Highest		1	0	22.10	0.1622	23.10	0.2042
Lowest	16QAM	1	0	22.50	0.1778	23.50	0.2239
Middle		1	0	21.38	0.1374	22.38	0.1730
Highest		1	0	21.28	0.1343	22.28	0.1690
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.13	0.2056	24.53	0.2838
Middle		3	1	23.02	0.2004	24.42	0.2767
Highest		3	1	22.86	0.1932	24.26	0.2667
Lowest	16QAM	1	3	22.47	0.1766	23.87	0.2438
Middle		1	3	22.34	0.1714	23.74	0.2366
Highest		1	3	22.10	0.1622	23.50	0.2239
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.11	0.2046	24.51	0.2825
Middle		1	0	23.05	0.2018	24.45	0.2786
Highest		1	0	22.84	0.1923	24.24	0.2655
Lowest	16QAM	1	8	22.39	0.1734	23.79	0.2393
Middle		1	8	22.29	0.1694	23.69	0.2339
Highest		1	8	22.07	0.1611	23.47	0.2223
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.02	0.2004	24.42	0.2767
Middle		1	0	23.12	0.2051	24.52	0.2831
Highest		1	0	22.92	0.1959	24.32	0.2704
Lowest	16QAM	1	0	22.43	0.1750	23.83	0.2415
Middle		1	0	22.38	0.1730	23.78	0.2388
Highest		1	0	22.21	0.1663	23.61	0.2296
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.00	0.1585	23.40	0.2188
Middle		1	0	23.00	0.1995	24.40	0.2754
Highest		1	0	23.06	0.2023	24.46	0.2793
Lowest	16QAM	1	0	22.50	0.1778	23.90	0.2455
Middle		1	0	22.46	0.1762	23.86	0.2432
Highest		1	0	22.37	0.1726	23.77	0.2382
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.88	0.1941	24.28	0.2679
Middle		1	37	22.73	0.1875	24.13	0.2588
Highest		1	37	22.76	0.1888	24.16	0.2606
Lowest	16QAM	1	37	21.99	0.1581	23.39	0.2183
Middle		1	37	22.00	0.1585	23.40	0.2188
Highest		1	37	21.87	0.1538	23.27	0.2123
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 1.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.81	0.1910	24.21	0.2636
Middle		1	49	22.80	0.1905	24.20	0.2630
Highest		1	49	22.65	0.1841	24.05	0.2541
Lowest	16QAM	1	49	22.08	0.1614	23.48	0.2228
Middle		1	49	22.01	0.1589	23.41	0.2193
Highest		1	49	21.94	0.1563	23.34	0.2158
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	22.88	0.1941	21.23	0.1327
Middle		3	1	22.84	0.1923	21.19	0.1315
Highest		3	1	22.98	0.1986	21.33	0.1358
Lowest	16QAM	1	3	22.13	0.1633	20.48	0.1117
Middle		1	3	22.31	0.1702	20.66	0.1164
Highest		1	3	22.12	0.1629	20.47	0.1114
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.84	0.1923	21.19	0.1315
Middle		1	0	22.84	0.1923	21.19	0.1315
Highest		1	0	22.90	0.1950	21.25	0.1334
Lowest	16QAM	1	0	22.25	0.1679	20.60	0.1148
Middle		1	0	22.15	0.1641	20.50	0.1122
Highest		1	0	22.18	0.1652	20.53	0.1130
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.82	0.1914	21.17	0.1309
Middle		1	0	22.86	0.1932	21.21	0.1321
Highest		1	0	22.92	0.1959	21.27	0.1340
Lowest	16QAM	1	0	22.22	0.1667	20.57	0.1140
Middle		1	0	22.18	0.1652	20.53	0.1130
Highest		1	0	22.34	0.1714	20.69	0.1172
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	22.68	0.1854	21.03	0.1268
Middle		1	25	22.77	0.1892	21.12	0.1294
Highest		1	25	22.79	0.1901	21.14	0.1300
Lowest	16QAM	1	0	22.11	0.1626	20.46	0.1112
Middle		1	0	22.26	0.1683	20.61	0.1151
Highest		1	0	22.28	0.1690	20.63	0.1156
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.29	0.1694	23.59	0.2286
Middle		1.00	0.00	22.38	0.1730	23.68	0.2333
Highest		1.00	0.00	22.57	0.1807	23.87	0.2438
Lowest	16QAM	1.00	0.00	21.57	0.1435	22.87	0.1936
Middle		1.00	0.00	21.64	0.1459	22.94	0.1968
Highest		1.00	0.00	21.84	0.1528	23.14	0.2061
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.58	0.1811	23.88	0.2443
Middle		1.00	0.00	22.64	0.1837	23.94	0.2477
Highest		1.00	0.00	22.90	0.1950	24.20	0.2630
Lowest	16QAM	1.00	0.00	21.93	0.1560	23.23	0.2104
Middle		1.00	0.00	21.90	0.1549	23.20	0.2089
Highest		1.00	0.00	22.00	0.1585	23.30	0.2138
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.34	0.1714	23.64	0.2312
Middle		1.00	0.00	22.37	0.1726	23.67	0.2328
Highest		1.00	0.00	22.64	0.1837	23.94	0.2477
Lowest	16QAM	1.00	74.00	21.69	0.1476	22.99	0.1991
Middle		1.00	74.00	21.93	0.1560	23.23	0.2104
Highest		1.00	74.00	21.86	0.1535	23.16	0.2070
Limit	EIRP < 2W			Result		PASS	



FCC RADIO TEST REPORT

Report No. : FG960640B

LTE Band 7 / 20MHz (Average) (GT - LC = 1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	99.00	22.41	0.1742	23.71	0.2350
Middle		1.00	99.00	22.76	0.1888	24.06	0.2547
Highest		1.00	99.00	22.73	0.1875	24.03	0.2529
Lowest	16QAM	1.00	99.00	21.77	0.1503	23.07	0.2028
Middle		1.00	99.00	22.00	0.1585	23.30	0.2138
Highest		1.00	99.00	21.96	0.1570	23.26	0.2118
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -0.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	22.75	0.1884	19.80	0.0955
Middle		1	5	22.88	0.1941	19.93	0.0984
Highest		1	5	22.69	0.1858	19.74	0.0942
Lowest	16QAM	1	5	22.09	0.1618	19.14	0.0820
Middle		1	5	22.25	0.1679	19.30	0.0851
Highest		1	5	21.97	0.1574	19.02	0.0798
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -0.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	22.84	0.1923	19.89	0.0975
Middle		1	8	22.76	0.1888	19.81	0.0957
Highest		1	8	22.80	0.1905	19.85	0.0966
Lowest	16QAM	1	8	22.14	0.1637	19.19	0.0830
Middle		1	8	22.23	0.1671	19.28	0.0847
Highest		1	8	22.17	0.1648	19.22	0.0836
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -0.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.83	0.1919	19.88	0.0973
Middle		1	0	22.79	0.1901	19.84	0.0964
Highest		1	0	22.80	0.1905	19.85	0.0966
Lowest	16QAM	1	12	22.10	0.1622	19.15	0.0822
Middle		1	12	22.32	0.1706	19.37	0.0865
Highest		1	12	22.11	0.1626	19.16	0.0824
Limit	ERP < 3W			Result		PASS	



FCC RADIO TEST REPORT

Report No. : FG960640B

LTE Band 12 / 10MHz (Average) (GT - LC = -0.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.80	0.1905	19.85	0.0966
Middle		1	0	22.89	0.1945	19.94	0.0986
Highest		1	0	22.68	0.1854	19.73	0.0940
Lowest	16QAM	1	49	22.25	0.1679	19.30	0.0851
Middle		1	49	22.15	0.1641	19.20	0.0832
Highest		1	49	22.29	0.1694	19.34	0.0859
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.29	0.2133	21.94	0.1563
Middle		1	0	22.46	0.1762	21.11	0.1291
Highest		1	0	23.25	0.2113	21.90	0.1549
Lowest	16QAM	1	0	21.49	0.1409	20.14	0.1033
Middle		1	0	21.40	0.1380	20.05	0.1012
Highest		1	0	21.50	0.1413	20.15	0.1035
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	23.20	0.2089	21.85	0.1531
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	22.99	0.1991	21.64	0.1459
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	22.65	0.1841	20.00	0.1000
Middle		1	12	22.71	0.1866	20.06	0.1014
Highest		1	12	22.83	0.1919	20.18	0.1042
Lowest	16QAM	1	24	22.19	0.1656	19.54	0.0899
Middle		1	24	22.15	0.1641	19.50	0.0891
Highest		1	24	22.23	0.1671	19.58	0.0908
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.78	0.1897	20.13	0.1030
Middle		1	0	22.85	0.1928	20.20	0.1047
Highest		1	0	22.74	0.1879	20.09	0.1021
Lowest	16QAM	1	25	22.18	0.1652	19.53	0.0897
Middle		1	25	22.13	0.1633	19.48	0.0887
Highest		1	25	22.11	0.1626	19.46	0.0883
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = 1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.36	0.1722	23.46	0.2218
Middle		1.00	0.00	22.69	0.1858	23.79	0.2393
Highest		1.00	0.00	23.00	0.1995	24.10	0.2570
Lowest	16QAM	1.00	0.00	21.55	0.1429	22.65	0.1841
Middle		1.00	0.00	21.77	0.1503	22.87	0.1936
Highest		1.00	0.00	21.99	0.1581	23.09	0.2037
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = 1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	49	22.16	0.1644	23.26	0.2118
Middle		1.00	49	22.68	0.1854	23.78	0.2388
Highest		1.00	49	22.98	0.1986	24.08	0.2559
Lowest	16QAM	1.00	0.00	21.55	0.1429	22.65	0.1841
Middle		1.00	0.00	21.87	0.1538	22.97	0.1982
Highest		1.00	0.00	22.00	0.1585	23.10	0.2042
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = 1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	74.00	22.29	0.1694	23.39	0.2183
Middle		1.00	74.00	22.64	0.1837	23.74	0.2366
Highest		1.00	74.00	23.00	0.1995	24.10	0.2570
Lowest	16QAM	1.00	0.00	21.29	0.1346	22.39	0.1734
Middle		1.00	0.00	21.61	0.1449	22.71	0.1866
Highest		1.00	0.00	22.23	0.1671	23.33	0.2153
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = 1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	99.00	22.17	0.1648	23.27	0.2123
Middle		1.00	99.00	22.69	0.1858	23.79	0.2393
Highest		1.00	99.00	23.06	0.2023	24.16	0.2606
Lowest	16QAM	1.00	49.00	21.37	0.1371	22.47	0.1766
Middle		1.00	49.00	21.64	0.1459	22.74	0.1879
Highest		1.00	49.00	22.00	0.1585	23.10	0.2042
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	22.56	0.1803	20.91	0.1233
Middle		3	3	22.38	0.1730	20.73	0.1183
Highest		3	3	22.24	0.1675	20.59	0.1146
Lowest	16QAM	1	0	22.09	0.1618	20.44	0.1107
Middle		1	0	21.91	0.1552	20.26	0.1062
Highest		1	0	21.79	0.1510	20.14	0.1033
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	22.91	0.1954	21.26	0.1337
Middle		1	8	22.01	0.1589	20.36	0.1086
Highest		1	8	22.90	0.1950	21.25	0.1334
Lowest	16QAM	1	0	21.80	0.1514	20.15	0.1035
Middle		1	0	21.56	0.1432	19.91	0.0979
Highest		1	0	21.52	0.1419	19.87	0.0971
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.34	0.1714	20.69	0.1172
Middle		1	24	22.12	0.1629	20.47	0.1114
Highest		1	24	22.39	0.1734	20.74	0.1186
Lowest	16QAM	1	0	21.80	0.1514	20.15	0.1035
Middle		1	0	21.69	0.1476	20.04	0.1009
Highest		1	0	21.58	0.1439	19.93	0.0984
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	22.58	0.1811	20.93	0.1239
Middle		1	25	22.33	0.1710	20.68	0.1169
Highest		1	25	22.21	0.1663	20.56	0.1138
Lowest	16QAM	1	25	21.80	0.1514	20.15	0.1035
Middle		1	25	21.65	0.1462	20.00	0.1000
Highest		1	25	21.56	0.1432	19.91	0.0979
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = 0.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.72	0.1871	21.07	0.1279
Middle		1	0	22.93	0.1963	21.28	0.1343
Highest		1	0	22.52	0.1786	20.87	0.1222
Lowest	16QAM	1	0	21.38	0.1374	19.73	0.0940
Middle		1	0	21.22	0.1324	19.57	0.0906
Highest		1	0	21.22	0.1324	19.57	0.0906
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = 1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.55	0.1799	23.65	0.2317
Middle		1.00	0.00	22.38	0.1730	23.48	0.2228
Highest		1.00	0.00	22.57	0.1807	23.67	0.2328
Lowest	16QAM	1.00	0.00	21.79	0.1510	22.89	0.1945
Middle		1.00	0.00	21.56	0.1432	22.66	0.1845
Highest		1.00	0.00	21.70	0.1479	22.80	0.1905
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = 1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.63	0.1832	23.73	0.2360
Middle		1.00	0.00	22.38	0.1730	23.48	0.2228
Highest		1.00	0.00	22.54	0.1795	23.64	0.2312
Lowest	16QAM	1.00	0.00	21.90	0.1549	23.00	0.1995
Middle		1.00	0.00	21.71	0.1483	22.81	0.1910
Highest		1.00	0.00	21.80	0.1514	22.90	0.1950
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = 1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.89	0.1945	23.99	0.2506
Middle		1.00	0.00	22.86	0.1932	23.96	0.2489
Highest		1.00	0.00	22.69	0.1858	23.79	0.2393
Lowest	16QAM	1.00	0.00	21.98	0.1578	23.08	0.2032
Middle		1.00	0.00	21.99	0.1581	23.09	0.2037
Highest		1.00	0.00	21.92	0.1556	23.02	0.2004
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = 1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1.00	0.00	22.98	0.1986	24.08	0.2559
Middle		1.00	0.00	23.00	0.1995	24.10	0.2570
Highest		1.00	0.00	22.81	0.1910	23.91	0.2460
Lowest	16QAM	1.00	0.00	21.97	0.1574	23.07	0.2028
Middle		1.00	0.00	21.99	0.1581	23.09	0.2037
Highest		1.00	0.00	21.93	0.1560	23.03	0.2009
Limit	EIRP < 2W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.80	0.1905	24.00	0.2512
Middle		1	3	22.72	0.1871	23.92	0.2466
Highest		1	3	22.47	0.1766	23.67	0.2328
Lowest	16QAM	1	3	22.07	0.1611	23.27	0.2123
Middle		1	3	22.02	0.1592	23.22	0.2099
Highest		1	3	21.83	0.1524	23.03	0.2009
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.85	0.1928	24.05	0.2541
Middle		1	0	22.73	0.1875	23.93	0.2472
Highest		1	0	22.62	0.1828	23.82	0.2410
Lowest	16QAM	1	0	22.08	0.1614	23.28	0.2128
Middle		1	0	21.98	0.1578	23.18	0.2080
Highest		1	0	21.89	0.1545	23.09	0.2037
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.97	0.1982	24.17	0.2612
Middle		1	0	22.84	0.1923	24.04	0.2535
Highest		1	0	22.64	0.1837	23.84	0.2421
Lowest	16QAM	1	0	22.21	0.1663	23.41	0.2193
Middle		1	0	22.10	0.1622	23.30	0.2138
Highest		1	0	21.91	0.1552	23.11	0.2046
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.04	0.2014	24.24	0.2655
Middle		1	25	23.03	0.2009	24.23	0.2649
Highest		1	25	23.04	0.2014	24.24	0.2655
Lowest	16QAM	1	0	22.30	0.1698	23.50	0.2239
Middle		1	0	22.18	0.1652	23.38	0.2178
Highest		1	0	22.01	0.1589	23.21	0.2094
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.81	0.1910	24.01	0.2518
Middle		1	37	22.93	0.1963	24.13	0.2588
Highest		1	37	22.93	0.1963	24.13	0.2588
Lowest	16QAM	1	37	22.26	0.1683	23.46	0.2218
Middle		1	37	22.07	0.1611	23.27	0.2123
Highest		1	37	22.00	0.1585	23.20	0.2089
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = 1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.97	0.1982	24.17	0.2612
Middle		1	49	22.85	0.1928	24.05	0.2541
Highest		1	49	22.70	0.1862	23.90	0.2455
Lowest	16QAM	1	49	22.34	0.1714	23.54	0.2259
Middle		1	49	22.17	0.1648	23.37	0.2173
Highest		1	49	22.16	0.1644	23.36	0.2168
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	3702	-54.81	-13	-41.81	-75.56	-65.84	1.43	12.46	H
	5553	-51.13	-13	-38.13	-75.18	-62.41	2.01	13.29	H
	7404	-46.98	-13	-33.98	-75.69	-56.17	2.21	11.40	H
									H
	3702	-55.10	-13	-42.10	-75.59	-66.13	1.43	12.46	V
	5553	-49.93	-13	-36.93	-74.11	-61.21	2.01	13.29	V
	7404	-48.37	-13	-35.37	-75.7	-57.56	2.21	11.40	V
									V
Middle	3742	-55.47	-13	-42.47	-75.84	-66.50	1.46	12.49	H
	5613	-51.19	-13	-38.19	-75.55	-62.47	2.00	13.28	H
	7484	-48.20	-13	-35.20	-76.5	-57.34	2.18	11.32	H
									H
	3742	-54.55	-13	-41.55	-76.06	-65.58	1.46	12.49	V
	5613	-49.93	-13	-36.93	-74.44	-61.21	2.00	13.28	V
	7484	-46.73	-13	-33.73	-74.98	-55.87	2.18	11.32	V
									V
Highest	3782	-54.42	-13	-41.42	-76.02	-65.45	1.50	12.53	H
	5673	-52.51	-13	-39.51	-77.05	-63.78	2.00	13.27	H
	7564	-48.94	-13	-35.94	-76.33	-58.01	2.21	11.29	H
									H
	3782	-55.63	-13	-42.63	-75.76	-66.66	1.50	12.53	V
	5673	-52.47	-13	-39.47	-77.25	-63.74	2.00	13.27	V
	7564	-45.71	-13	-32.71	-73.72	-54.78	2.21	11.29	V
									V

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

**LTE Band 4**

LTE Band 4 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-57.59	-13	-44.59	-76.2	-68.48	1.23	12.12	H
	5130	-53.62	-13	-40.62	-77.31	-64.51	1.97	12.86	H
	6840	-51.28	-13	-38.28	-76.57	-60.23	2.34	11.29	H
									H
	3420	-57.61	-13	-44.61	-76.2	-68.50	1.23	12.12	V
	5130	-53.23	-13	-40.23	-77.24	-64.12	1.97	12.86	V
	6840	-51.46	-13	-38.46	-76.37	-60.41	2.34	11.29	V
									V
Middle	3464	-57.12	-13	-44.12	-76.29	-68.10	1.24	12.22	H
	5197	-53.40	-13	-40.40	-77.36	-64.36	1.97	12.94	H
	6930	-49.28	-13	-36.28	-75.19	-58.50	2.36	11.58	H
									H
	3464	-57.54	-13	-44.54	-76.45	-68.52	1.24	12.22	V
	5197	-53.91	-13	-40.91	-77.44	-64.87	1.97	12.94	V
	6930	-49.47	-13	-36.47	-75.46	-58.69	2.36	11.58	V
									V
Highest	3508	-56.76	-13	-43.76	-76.41	-67.81	1.26	12.31	H
	5262	-53.10	-13	-40.10	-77.17	-64.13	1.98	13.01	H
	7016	-48.45	-13	-35.45	-75.31	-57.87	2.36	11.78	H
									H
	3508	-56.97	-13	-43.97	-76.45	-68.02	1.26	12.31	V
	5262	-52.82	-13	-39.82	-77.03	-63.85	1.98	13.01	V
	7016	-48.39	-13	-35.39	-75.35	-57.81	2.36	11.78	V
									V

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

LTE Band 5

LTE Band 5 / 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	1648	-63.04	-13	-50.04	-74.02	-68.89	0.69	8.69	H
	2472	-59.03	-13	-46.03	-74.87	-66.69	0.95	10.76	H
	3296	-57.72	-13	-44.72	-75.74	-66.22	1.20	11.85	H
									H
	1648	-63.39	-13	-50.39	-74.25	-69.24	0.69	8.69	V
	2472	-59.47	-13	-46.47	-75.31	-67.13	0.95	10.76	V
	3296	-57.76	-13	-44.76	-75.62	-66.26	1.20	11.85	V
									V
Middle	1672	-63.07	-13	-50.07	-74.17	-69.00	0.71	8.79	H
	2510	-56.80	-13	-43.80	-72.64	-64.50	0.95	10.81	H
	3344	-57.79	-13	-44.79	-75.66	-66.38	1.21	11.96	H
									H
	1672	-63.10	-13	-50.10	-74.11	-69.03	0.71	8.79	V
	2510	-59.06	-13	-46.06	-74.93	-66.76	0.95	10.81	V
	3344	-58.07	-13	-45.07	-75.64	-66.66	1.21	11.96	V
									V
Highest	1696	-62.79	-13	-49.79	-74.02	-68.80	0.72	8.88	H
	2544	-55.15	-13	-42.15	-71.05	-62.87	0.97	10.84	H
	3392	-58.50	-13	-45.50	-76.24	-67.19	1.22	12.06	H
									H
	1696	-63.13	-13	-50.13	-74.29	-69.14	0.72	8.88	V
	2544	-58.75	-13	-45.75	-74.97	-66.47	0.97	10.84	V
	3392	-59.15	-13	-46.15	-76.45	-67.84	1.22	12.06	V
									V

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



LTE Band 7

LTE Band 7 / 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	5001	-54.15	-25	-29.15	-77.31	-64.90	1.95	12.70	H
	7501	-47.72	-25	-22.72	-75.69	-56.85	2.17	11.30	H
	10002	-44.23	-25	-19.23	-76.4	-53.00	2.43	11.20	H
									H
	5001	-52.94	-25	-27.94	-77.15	-63.69	1.95	12.70	V
	7501	-45.80	-25	-20.80	-73.95	-54.93	2.17	11.30	V
	10002	-44.47	-25	-19.47	-75.87	-53.24	2.43	11.20	V
									V
Middle	5061	-54.13	-25	-29.13	-77.48	-64.95	1.96	12.77	H
	7591	-48.17	-25	-23.17	-75.37	-57.22	2.23	11.28	H
	10122	-43.97	-25	-18.97	-76.08	-52.64	2.48	11.15	H
									H
	5061	-53.43	-25	-28.43	-77.19	-64.25	1.96	12.77	V
	7591	-45.33	-25	-20.33	-73.1	-54.38	2.23	11.28	V
	10122	-44.22	-25	-19.22	-75.87	-52.89	2.48	11.15	V
									V
Highest	5121	-53.35	-25	-28.35	-77.26	-64.23	1.96	12.85	H
	7681	-47.77	-25	-22.77	-75.13	-56.74	2.30	11.26	H
	10242	-44.68	-25	-19.68	-76.5	-53.25	2.53	11.10	H
									H
	5121	-53.36	-25	-28.36	-77.1	-64.24	1.96	12.85	V
	7681	-45.49	-25	-20.49	-72.74	-54.46	2.30	11.26	V
	10242	-44.41	-25	-19.41	-76.03	-52.98	2.53	11.10	V
									V

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

LTE Band 12

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-62.11	-13	-49.11	-74.29	-67.06	0.58	7.68	H
	2096	-59.74	-13	-46.74	-74.94	-66.92	0.90	10.23	H
	2800	-58.26	-13	-45.26	-75.06	-66.09	1.06	11.04	H
									H
	1400	-61.90	-13	-48.90	-74.04	-66.85	0.58	7.68	V
	2096	-59.59	-13	-46.59	-74.79	-66.77	0.90	10.23	V
	2800	-57.99	-13	-44.99	-75.38	-65.82	1.06	11.04	V
									V
Middle	1408	-61.78	-13	-48.78	-73.83	-66.76	0.58	7.71	H
	2107	-59.67	-13	-46.67	-75.06	-66.87	0.90	10.25	H
	2810	-58.56	-13	-45.56	-75.43	-66.40	1.06	11.05	H
									H
	1408	-61.57	-13	-48.57	-73.64	-66.55	0.58	7.71	V
	2107	-59.71	-13	-46.71	-75.08	-66.91	0.90	10.25	V
	2810	-57.92	-13	-44.92	-75.33	-65.76	1.06	11.05	V
									V
Highest	1416	-61.69	-13	-48.69	-73.69	-66.70	0.59	7.75	H
	2120	-59.47	-13	-46.47	-75.10	-66.68	0.90	10.27	H
	2826	-58.29	-13	-45.29	-75.23	-66.13	1.07	11.06	H
									H
	1416	-61.91	-13	-48.91	-73.89	-66.92	0.59	7.75	V
	2120	-59.46	-13	-46.46	-75.07	-66.67	0.90	10.27	V
	2826	-57.76	-13	-44.76	-75.15	-65.60	1.07	11.06	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	-63.31	-13	-50.31	-74.42	-68.83	0.64	8.31	H
	2328	-58.54	-13	-45.54	-74.83	-66.02	0.93	10.56	H
	3104	-57.00	-13	-44.00	-75.04	-65.12	1.15	11.43	H
									H
	1552	-63.55	-13	-50.55	-74.36	-69.07	0.64	8.31	V
	2328	-53.69	-13	-40.69	-70.07	-61.17	0.93	10.56	V
	3104	-57.05	-13	-44.05	-74.96	-65.17	1.15	11.43	V
									V
Middle	1560	-63.64	-42.15	-21.49	-74.67	-69.19	0.64	8.34	H
	2336	-59.00	-13	-46.00	-75.23	-66.49	0.93	10.57	H
	3120	-57.29	-13	-44.29	-75.36	-65.45	1.16	11.46	H
									H
	1560	-63.89	-42.15	-21.74	-74.64	-69.44	0.64	8.34	V
	2336	-53.07	-13	-40.07	-69.40	-60.56	0.93	10.57	V
	3120	-57.32	-13	-44.32	-75.30	-65.48	1.16	11.46	V
									V
Highest	1564	-63.58	-42.15	-21.43	-74.61	-69.14	0.65	8.36	H
	2344	-58.51	-13	-45.51	-74.69	-66.01	0.93	10.58	H
	3130	-57.63	-13	-44.63	-75.73	-65.80	1.16	11.49	H
									H
	1564	-63.85	-42.15	-21.70	-74.58	-69.41	0.65	8.36	V
	2344	-54.46	-13	-41.46	-70.75	-61.96	0.93	10.58	V
	3130	-57.32	-13	-44.32	-75.35	-65.49	1.16	11.49	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	1552	-62.93	-13	-49.93	-74.04	-68.45	0.64	8.31	H
	2328	-57.82	-13	-44.82	-74.11	-65.30	0.93	10.56	H
	3104	-56.82	-13	-43.82	-74.84	-64.94	1.15	11.43	H
									H
	1552	-63.39	-13	-50.39	-74.2	-68.91	0.64	8.31	V
	2328	-55.20	-13	-42.20	-71.58	-62.68	0.93	10.56	V
	3104	-56.82	-13	-43.82	-74.7	-64.94	1.15	11.43	V
									V

**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	-61.67	-13	-48.67	-73.72	-66.65	0.58	7.71	H
	2113	-59.68	-13	-46.68	-75.18	-66.88	0.90	10.26	H
	2818	-58.21	-13	-45.21	-75.11	-66.05	1.06	11.05	H
									H
	1408	-62.04	-13	-49.04	-74.09	-67.02	0.58	7.71	V
	2113	-59.33	-13	-46.33	-74.81	-66.53	0.90	10.26	V
	2818	-57.85	-13	-44.85	-75.25	-65.69	1.06	11.05	V
									V
Middle	1411	-61.73	-13	-48.73	-73.76	-66.72	0.59	7.73	H
	2116	-59.69	-13	-46.69	-75.24	-66.90	0.90	10.26	H
	2822	-58.39	-13	-45.39	-75.31	-66.23	1.07	11.06	H
									H
	1411	-61.86	-13	-48.86	-73.89	-66.85	0.59	7.73	V
	2116	-59.72	-13	-46.72	-75.24	-66.93	0.90	10.26	V
	2822	-58.12	-13	-45.12	-75.51	-65.96	1.07	11.06	V
									V
Highest	1413	-61.87	-13	-48.87	-73.89	-66.87	0.59	7.73	H
	2119	-59.27	-13	-46.27	-74.88	-66.48	0.90	10.27	H
	2826	-58.15	-13	-45.15	-75.09	-65.99	1.07	11.06	H
									H
	1413	-61.84	-13	-48.84	-73.86	-66.84	0.59	7.73	V
	2119	-59.75	-13	-46.75	-75.33	-66.96	0.90	10.27	V
	2826	-58.00	-13	-45.00	-75.39	-65.84	1.07	11.06	V
									V

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

LTE Band 25

LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-55.09	-13	-42.09	-75.75	-66.12	1.43	12.46	H
	5553	-52.29	-13	-39.29	-76.47	-63.57	2.01	13.29	H
	7404	-48.09	-13	-35.09	-76	-57.28	2.21	11.40	H
									H
	3702	-55.15	-13	-42.15	-75.81	-66.18	1.43	12.46	V
	5553	-50.53	-13	-37.53	-74.19	-61.81	2.01	13.29	V
	7404	-48.39	-13	-35.39	-75.68	-57.58	2.21	11.40	V
									V
Middle	3742	-55.31	-13	-42.31	-76.06	-66.34	1.46	12.49	H
	5613	-53.23	-13	-40.23	-76.96	-64.51	2.00	13.28	H
	7484	-48.98	-13	-35.98	-76.46	-58.12	2.18	11.32	H
									H
	3742	-55.44	-13	-42.44	-75.96	-66.47	1.46	12.49	V
	5613	-52.24	-13	-39.24	-76.44	-63.52	2.00	13.28	V
	7484	-48.73	-13	-35.73	-76.3	-57.87	2.18	11.32	V
									V
Highest	3791	-55.75	-13	-42.75	-76.33	-66.78	1.51	12.53	H
	5688	-53.24	-13	-40.24	-77.22	-64.51	1.99	13.26	H
	7584	-48.59	-13	-35.59	-75.7	-57.64	2.23	11.28	H
									H
	3791	-55.78	-13	-42.78	-76.25	-66.81	1.51	12.53	V
	5688	-53.05	-13	-40.05	-77.13	-64.32	1.99	13.26	V
	7584	-47.07	-13	-34.07	-74.45	-56.12	2.23	11.28	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	5142	-53.85	-25	-28.85	-77.55	-64.75	1.97	12.87	H
	7713	-48.24	-25	-23.24	-75.41	-57.18	2.32	11.26	H
	10284	-43.39	-25	-18.39	-75.59	-51.93	2.55	11.09	H
									H
	5142	-54.07	-25	-29.07	-77.49	-64.97	1.97	12.87	V
	7713	-46.80	-25	-21.80	-74.12	-55.74	2.32	11.26	V
	10284	-43.73	-25	-18.73	-75.54	-52.27	2.55	11.09	V
									V
Middle	5172	-53.28	-25	-28.28	-77.08	-64.22	1.97	12.91	H
	7758	-47.03	-25	-22.03	-74.19	-55.93	2.35	11.25	H
	10344	-42.86	-25	-17.86	-75.15	-51.35	2.57	11.06	H
									H
	5172	-53.64	-25	-28.64	-77.07	-64.58	1.97	12.91	V
	7758	-45.99	-25	-20.99	-73.25	-54.89	2.35	11.25	V
	10344	-43.34	-25	-18.34	-75.29	-51.83	2.57	11.06	V
									V
Highest	5202	-53.61	-25	-28.61	-77.49	-64.58	1.97	12.94	H
	7803	-46.89	-25	-21.89	-74.06	-55.75	2.38	11.24	H
	10404	-42.89	-25	-17.89	-75.24	-51.33	2.60	11.04	H
									H
	5202	-53.91	-25	-28.91	-77.35	-64.88	1.97	12.94	V
	7803	-45.92	-25	-20.92	-73.16	-54.78	2.38	11.24	V
	10404	-43.27	-25	-18.27	-75.35	-51.71	2.60	11.04	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	5030	-53.75	-25	-28.75	-77.09	-64.53	1.95	12.74	H
	7545	-47.78	-25	-22.78	-75.3	-56.87	2.20	11.29	H
	10060	-44.15	-25	-19.15	-76.27	-52.87	2.46	11.18	H
									H
	5030	-53.90	-25	-28.90	-77.3	-64.68	1.95	12.74	V
	7545	-48.16	-25	-23.16	-75.86	-57.25	2.20	11.29	V
	10060	-44.59	-25	-19.59	-76.09	-53.31	2.46	11.18	V
									V
Middle	5204	-53.59	-25	-28.59	-77.49	-64.56	1.97	12.94	H
	7806	-47.41	-25	-22.41	-74.59	-56.27	2.38	11.24	H
	10408	-43.09	-25	-18.09	-75.42	-51.52	2.60	11.04	H
									H
	5204	-53.91	-25	-28.91	-77.37	-64.88	1.97	12.94	V
	7806	-46.16	-25	-21.16	-73.4	-55.02	2.38	11.24	V
	10408	-43.28	-25	-18.28	-75.34	-51.71	2.60	11.04	V
									V
Highest	5378	-53.13	-25	-28.13	-76.93	-64.29	2.00	13.15	H
	8067	-46.38	-25	-21.38	-75	-55.05	2.51	11.17	H
	10756	-43.01	-25	-18.01	-75.35	-51.34	2.62	10.95	H
									H
	5378	-53.28	-25	-28.28	-77.11	-64.44	2.00	13.15	V
	8067	-46.28	-25	-21.28	-74.56	-54.95	2.51	11.17	V
	10756	-42.66	-25	-17.66	-75.28	-50.99	2.62	10.95	V
									V

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

**LTE Band 66**

LTE Band 66 / 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	3441	-57.32	-13	-44.32	-76.18	-68.25	1.24	12.17	H
	5158	-52.94	-13	-39.94	-76.68	-63.86	1.97	12.89	H
	6878	-50.12	-13	-37.12	-75.31	-59.18	2.35	11.41	H
									H
	3441	-57.89	-13	-44.89	-76.41	-68.82	1.24	12.17	V
	5158	-53.06	-13	-40.06	-76.48	-63.98	1.97	12.89	V
	6878	-50.75	-13	-37.75	-75.9	-59.81	2.35	11.41	V
									V
Middle	3497	-56.65	-13	-43.65	-76.15	-67.69	1.25	12.29	H
	5248	-52.74	-13	-39.74	-76.6	-63.76	1.98	13.00	H
	6998	-48.04	-13	-35.04	-74.34	-57.46	2.37	11.79	H
									H
	3497	-56.88	-13	-43.88	-76.22	-67.92	1.25	12.29	V
	5248	-52.84	-13	-39.84	-76.38	-63.86	1.98	13.00	V
	6998	-48.61	-13	-35.61	-75.22	-58.03	2.37	11.79	V
									V
Highest	3560	-55.96	-13	-42.96	-75.89	-67.01	1.30	12.35	H
	5338	-51.79	-13	-38.79	-75.61	-62.91	1.99	13.11	H
	7118	-46.63	-13	-33.63	-73.7	-55.99	2.32	11.68	H
									H
	3560	-56.10	-13	-43.10	-75.72	-67.15	1.30	12.35	V
	5338	-52.33	-13	-39.33	-76.08	-63.45	1.99	13.11	V
	7118	-47.94	-13	-34.94	-75.08	-57.30	2.32	11.68	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	1648	-63.32	-13	-50.32	-74.3	-69.17	0.69	8.69	H
	2474	-58.77	-13	-45.77	-74.61	-66.44	0.95	10.76	H
	3300	-57.76	-13	-44.76	-75.77	-66.27	1.20	11.86	H
									H
	1648	-63.33	-13	-50.33	-74.19	-69.18	0.69	8.69	V
	2474	-59.54	-13	-46.54	-75.38	-67.21	0.95	10.76	V
	3300	-57.61	-13	-44.61	-75.45	-66.12	1.20	11.86	V
									V
Middle	1656	-62.90	-13	-49.90	-73.92	-68.78	0.70	8.72	H
	2490	-58.41	-13	-45.41	-74.25	-66.10	0.95	10.79	H
	3320	-57.73	-13	-44.73	-75.67	-66.28	1.21	11.90	H
									H
	1656	-63.18	-13	-50.18	-74.09	-69.06	0.70	8.72	V
	2490	-59.11	-13	-46.11	-74.91	-66.80	0.95	10.79	V
	3320	-58.13	-13	-45.13	-75.85	-66.68	1.21	11.90	V
									V
Highest	1672	-63.07	-13	-50.07	-74.17	-69.00	0.71	8.79	H
	2504	-57.79	-13	-44.79	-73.62	-65.49	0.95	10.80	H
	3340	-57.62	-13	-44.62	-75.5	-66.21	1.21	11.95	H
									H
	1672	-63.01	-13	-50.01	-74.02	-68.94	0.71	8.79	V
	2504	-58.99	-13	-45.99	-74.8	-66.69	0.95	10.80	V
	3340	-58.02	-13	-45.02	-75.62	-66.61	1.21	11.95	V
									V

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