



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0319	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0255	
0	Normal Voltage	0.0207	
-10	Normal Voltage	0.0144	
-20	Normal Voltage	0.0165	
-30	Normal Voltage	0.0069	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0197	
20	Battery End Point	0.0181	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0277	PASS
40	Normal Voltage	0.0254	
30	Normal Voltage	0.0087	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0098	
0	Normal Voltage	0.0185	
-10	Normal Voltage	0.0104	
-20	Normal Voltage	0.0121	
-30	Normal Voltage	0.0173	
20	Maximum Voltage	0.0190	
20	Normal Voltage	0.0046	
20	Battery End Point	0.0231	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0060	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0155	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0167	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0143	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0179	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0096	
20	Battery End Point	0.0132	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0037	PASS
40	Normal Voltage	0.0057	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0055	
20	Maximum Voltage	0.0073	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0077	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0260	PASS
40	Normal Voltage	0.0218	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0161	
0	Normal Voltage	0.0204	
-10	Normal Voltage	0.0246	
-20	Normal Voltage	0.0054	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0147	
20	Normal Voltage	0.0117	
20	Battery End Point	0.0093	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0229	PASS
40	Normal Voltage	0.0178	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0139	
0	Normal Voltage	0.0127	
-10	Normal Voltage	0.0165	
-20	Normal Voltage	0.0069	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0178	
20	Normal Voltage	0.0050	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0268	PASS
40	Normal Voltage	0.0211	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0155	
0	Normal Voltage	0.0197	
-10	Normal Voltage	0.0180	
-20	Normal Voltage	0.0207	
-30	Normal Voltage	0.0065	
20	Maximum Voltage	0.0211	
20	Normal Voltage	0.0099	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	2	23.38	0.2178	20.51	0.1125
Middle		1	5	23.34	0.2158	20.50	0.1122
Highest		3	2	23.27	0.2123	19.50	0.0891
Lowest	16QAM	1	0	22.76	0.1888	19.79	0.0953
Middle		1	5	22.61	0.1824	19.67	0.0927
Highest		1	2	22.59	0.1816	18.91	0.0778
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.99	0.2506	20.95	0.1245
Middle		1	14	23.46	0.2218	20.92	0.1236
Highest		1	7	23.97	0.2495	20.52	0.1127
Lowest	16QAM	1	7	22.85	0.1928	20.07	0.1016
Middle		1	7	22.73	0.1875	19.99	0.0998
Highest		1	14	22.54	0.1795	19.36	0.0863
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	24.02	0.2523	21.16	0.1306
Middle		1	0	23.82	0.2410	21.16	0.1306
Highest		1	12	23.95	0.2483	20.55	0.1135
Lowest	16QAM	1	24	23.02	0.2004	20.34	0.1081
Middle		1	0	22.80	0.1905	20.04	0.1009
Highest		1	24	22.89	0.1945	19.32	0.0855
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	24.35	0.2723	21.11	0.1291
Middle		1	0	24.02	0.2523	21.09	0.1285
Highest		1	49	24.20	0.2630	20.49	0.1119
Lowest	16QAM	1	49	23.13	0.2056	20.42	0.1102
Middle		1	0	22.90	0.1950	20.41	0.1099
Highest		1	49	23.05	0.2018	19.59	0.0910
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	24.03	0.2529	21.14	0.1300
Middle		1	0	24.03	0.2529	20.99	0.1256
Highest		1	74	24.09	0.2564	21.10	0.1288
Lowest	16QAM	1	37	23.16	0.2070	20.26	0.1062
Middle		1	0	22.93	0.1963	20.24	0.1057
Highest		1	74	23.02	0.2004	19.74	0.0942
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.92	0.2466	21.07	0.1279
Middle		1	0	24.08	0.2559	21.20	0.1318
Highest		1	0	23.82	0.2410	20.97	0.1250
Lowest	16QAM	1	49	23.11	0.2046	20.23	0.1054
Middle		1	99	22.89	0.1945	19.99	0.0998
Highest		1	99	23.09	0.2037	19.96	0.0991
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	2	21.90	0.1549	20.28	0.1067
Middle		3	1	23.03	0.2009	21.35	0.1365
Highest		3	0	23.32	0.2148	21.07	0.1279
Lowest	16QAM	1	2	21.58	0.1439	20.12	0.1028
Middle		1	2	22.79	0.1901	20.94	0.1242
Highest		1	2	22.98	0.1986	20.66	0.1164
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	22.53	0.1791	21.06	0.1276
Middle		1	0	23.12	0.2051	21.45	0.1396
Highest		1	14	23.58	0.2280	21.30	0.1349
Lowest	16QAM	1	14	21.79	0.1510	20.12	0.1028
Middle		1	7	23.10	0.2042	21.05	0.1274
Highest		1	0	22.90	0.1950	20.88	0.1225
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	22.33	0.1710	20.76	0.1191
Middle		1	0	22.99	0.1991	21.33	0.1358
Highest		1	12	23.50	0.2239	21.31	0.1352
Lowest	16QAM	1	24	21.50	0.1413	20.13	0.1030
Middle		1	0	22.56	0.1803	20.74	0.1186
Highest		1	0	22.99	0.1991	20.85	0.1216
Limit	EIRP < 1W			Result		PASS	



LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.76	0.1888	21.33	0.1358
Middle		1	0	23.12	0.2051	21.44	0.1393
Highest		1	24	23.52	0.2249	21.31	0.1352
Lowest	16QAM	1	49	22.31	0.1702	20.90	0.1230
Middle		1	0	22.59	0.1816	21.09	0.1285
Highest		1	24	23.07	0.2028	20.79	0.1199
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	22.85	0.1928	21.33	0.1358
Middle		1	0	23.08	0.2032	21.51	0.1416
Highest		1	37	23.61	0.2296	21.26	0.1337
Lowest	16QAM	1	74	22.46	0.1762	21.19	0.1315
Middle		1	37	22.70	0.1862	21.24	0.1330
Highest		1	37	23.18	0.2080	20.82	0.1208
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.63	0.1832	21.02	0.1265
Middle		1	49	23.10	0.2042	21.47	0.1403
Highest		1	49	24.07	0.2553	22.11	0.1626
Lowest	16QAM	1	49	22.18	0.1652	20.64	0.1159
Middle		1	49	22.44	0.1754	21.04	0.1271
Highest		1	49	23.55	0.2265	21.71	0.1483
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	2	17.98	0.0628	2.30	0.0017
Middle		3	2	18.17	0.0656	2.23	0.0017
Highest		3	0	17.98	0.0628	2.06	0.0016
Lowest	16QAM	3	2	17.70	0.0589	1.93	0.0016
Middle		1	0	17.33	0.0541	1.61	0.0014
Highest		1	2	16.92	0.0492	1.04	0.0013
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	8	7	18.11	0.0647	2.15	0.0016
Middle		8	0	17.97	0.0627	1.85	0.0015
Highest		8	7	17.51	0.0564	1.36	0.0014
Lowest	16QAM	1	14	17.90	0.0617	2.06	0.0016
Middle		1	0	17.61	0.0577	1.78	0.0015
Highest		1	0	18.24	0.0667	2.02	0.0016
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	18.15	0.0653	2.23	0.0017
Middle		12	6	17.90	0.0617	1.95	0.0016
Highest		12	11	18.01	0.0632	2.10	0.0016
Lowest	16QAM	1	0	17.93	0.0621	1.94	0.0016
Middle		1	0	17.67	0.0585	1.74	0.0015
Highest		1	0	17.22	0.0527	1.14	0.0013
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	18.83	0.0764	2.87	0.0019
Middle		1	0	18.69	0.0740	2.82	0.0019
Highest		1	0	18.60	0.0724	2.62	0.0018
Lowest	16QAM	1	0	18.04	0.0637	2.07	0.0016
Middle		1	0	17.82	0.0605	1.83	0.0015
Highest		1	0	17.44	0.0555	1.66	0.0015
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	20.68	0.1169	21.55	0.1429
Middle		1	24	20.58	0.1143	20.14	0.1033
Highest		1	0	20.00	0.1000	19.33	0.0857
Lowest	16QAM	1	12	19.81	0.0957	20.48	0.1117
Middle		1	24	19.60	0.0912	19.14	0.0820
Highest		1	0	19.05	0.0804	18.43	0.0697
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	20.72	0.1180	21.53	0.1422
Middle		1	49	20.64	0.1159	20.03	0.1007
Highest		1	0	19.81	0.0957	19.36	0.0863
Lowest	16QAM	1	0	19.79	0.0953	20.65	0.1161
Middle		1	49	19.56	0.0904	19.24	0.0839
Highest		1	0	19.88	0.0973	18.96	0.0787
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	20.55	0.1135	21.63	0.1455
Middle		1	74	20.47	0.1114	19.76	0.0946
Highest		1	0	20.15	0.1035	19.56	0.0904
Lowest	16QAM	1	37	19.54	0.0899	20.71	0.1178
Middle		1	74	19.43	0.0877	18.94	0.0783
Highest		1	0	19.25	0.0841	18.58	0.0721
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.54	0.1132	20.48	0.1117
Middle		1	0	20.32	0.1076	20.44	0.1107
Highest		1	0	20.55	0.1135	19.76	0.0946
Lowest	16QAM	1	49	19.69	0.0931	20.74	0.1186
Middle		1	99	19.32	0.0855	18.67	0.0736
Highest		1	0	20.01	0.1002	18.91	0.0778
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.18	0.0415	-3.35	0.0005
Middle		6	0	16.54	0.0451	-1.87	0.0007
Highest		6	0	16.76	0.0474	-0.33	0.0009
Lowest	16QAM	3	0	15.24	0.0334	-4.22	0.0004
Middle		3	0	16.00	0.0398	-2.35	0.0006
Highest		3	1	16.34	0.0431	-0.85	0.0008
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	8	7	16.30	0.0427	-2.92	0.0005
Middle		8	0	16.43	0.0440	-1.83	0.0007
Highest		8	7	16.90	0.0490	-0.31	0.0009
Lowest	16QAM	1	0	15.72	0.0373	-3.56	0.0004
Middle		1	14	16.76	0.0474	-1.95	0.0006
Highest		1	14	16.67	0.0465	-0.37	0.0009
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.29	0.0426	-3.25	0.0005
Middle		12	11	16.69	0.0467	-1.92	0.0006
Highest		12	11	17.02	0.0504	-0.45	0.0009
Lowest	16QAM	1	0	15.77	0.0378	-3.78	0.0004
Middle		1	12	16.50	0.0447	-1.96	0.0006
Highest		1	24	16.70	0.0468	-0.33	0.0009
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.44	0.0441	-3.31	0.0005
Middle		1	0	17.29	0.0536	-1.24	0.0008
Highest		1	0	17.22	0.0527	-1.21	0.0008
Lowest	16QAM	1	49	16.88	0.0488	-2.13	0.0006
Middle		1	49	16.77	0.0475	-1.38	0.0007
Highest		1	49	16.66	0.0463	-0.58	0.0009
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.94	0.0494	1.25	0.0013
Middle		1	12	18.36	0.0685	3.77	0.0024
Highest		1	0	18.50	0.0708	3.85	0.0024
Lowest	16QAM	1	0	17.33	0.0541	3.03	0.0020
Middle		1	12	17.27	0.0533	2.66	0.0018
Highest		1	0	17.32	0.0540	2.63	0.0018
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	18.10	0.0646	2.25	0.0017
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	0	17.09	0.0512	1.30	0.0013
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	16.55	0.0452	-0.12	0.0010
Middle		1	24	17.13	0.0516	0.26	0.0011
Highest		1	24	17.02	0.0504	0.60	0.0011
Lowest	16QAM	1	12	16.62	0.0459	-0.75	0.0008
Middle		1	24	16.84	0.0483	-0.16	0.0010
Highest		1	0	16.09	0.0406	0.26	0.0011
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	17.12	0.0515	-1.23	0.0008
Middle		1	49	16.79	0.0478	-1.11	0.0008
Highest		1	49	16.74	0.0472	-1.66	0.0007
Lowest	16QAM	1	0	16.51	0.0448	-1.75	0.0007
Middle		1	49	16.41	0.0438	-1.60	0.0007
Highest		1	49	16.21	0.0418	-1.38	0.0007
Limit	ERP < 3W			Result		PASS	



Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	3700.32	-42.67	-13	-29.67	-71.31	-54.40	0.87	12.60	H
	5550.48	-42.94	-13	-29.94	-73.26	-54.97	1.07	13.10	H
	7400.64	-43.40	-13	-30.40	-75.06	-52.83	1.87	11.30	H
	3700.32	-43.50	-13	-30.50	-71.95	-55.23	0.87	12.6	V
	5550.48	-41.94	-13	-28.94	-73.07	-53.97	1.07	13.1	V
	7400.64	-43.07	-13	-30.07	-74.96	-52.50	1.87	11.3	V
Middle	3758.92	-44.02	-13	-31.02	-72.66	-55.75	0.87	12.60	H
	5638.38	-43.00	-13	-30.00	-73.32	-55.03	1.07	13.10	H
	7517.84	-43.97	-13	-30.97	-75.63	-53.40	1.87	11.30	H
	3758.92	-44.54	-13	-31.54	-72.99	-56.27	0.87	12.6	V
	5638.38	-42.26	-13	-29.26	-73.39	-54.29	1.07	13.1	V
	7517.84	-43.47	-13	-30.47	-75.36	-52.90	1.87	11.3	V
Highest	3817.52	-43.86	-13	-30.86	-72.50	-55.59	0.87	12.60	H
	5726.28	-43.42	-13	-30.42	-73.74	-55.45	1.07	13.10	H
	7635.04	-43.74	-13	-30.74	-75.40	-53.17	1.87	11.30	H
	3817.52	-44.53	-13	-31.53	-72.98	-56.26	0.87	12.6	V
	5726.28	-41.36	-13	-28.36	-72.49	-53.39	1.07	13.1	V
	7635.04	-43.32	-13	-30.32	-75.21	-52.75	1.87	11.3	V

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



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
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	3700.48	-42.51	-13	-29.51	-71.15	-54.24	0.87	12.60	H
	5550.72	-42.85	-13	-29.85	-73.17	-54.88	1.07	13.10	H
	7400.96	-43.08	-13	-30.08	-74.74	-52.51	1.87	11.30	H
	3700.48	-44.34	-13	-31.34	-72.79	-56.07	0.87	12.6	V
	5550.72	-42.23	-13	-29.23	-73.36	-54.26	1.07	13.1	V
	7400.96	-42.93	-13	-29.93	-74.82	-52.36	1.87	11.3	V
Middle	3757.48	-44.52	-13	-31.52	-73.16	-56.25	0.87	12.60	H
	5636.22	-43.07	-13	-30.07	-73.39	-55.10	1.07	13.10	H
	7514.96	-43.34	-13	-30.34	-75.00	-52.77	1.87	11.30	H
	3757.48	-44.36	-13	-31.36	-72.81	-56.09	0.87	12.6	V
	5636.22	-42.24	-13	-29.24	-73.37	-54.27	1.07	13.1	V
	7514.96	-43.47	-13	-30.47	-75.36	-52.90	1.87	11.3	V
Highest	3814.48	-43.85	-13	-30.85	-72.49	-55.58	0.87	12.60	H
	5721.72	-43.12	-13	-30.12	-73.44	-55.15	1.07	13.10	H
	7628.96	-44.12	-13	-31.12	-75.78	-53.55	1.87	11.30	H
	3814.48	-45.10	-13	-32.10	-73.55	-56.83	0.87	12.6	V
	5721.72	-41.68	-13	-28.68	-72.81	-53.71	1.07	13.1	V
	7628.96	-43.73	-13	-30.73	-75.62	-53.16	1.87	11.3	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
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	3700.68	-42.99	-13	-29.99	-71.63	-54.72	0.87	12.60	H
	5551.02	-43.52	-13	-30.52	-73.84	-55.55	1.07	13.10	H
	7401.36	-43.72	-13	-30.72	-75.38	-53.15	1.87	11.30	H
	3700.68	-43.59	-13	-30.59	-72.04	-55.32	0.87	12.6	V
	5551.02	-42.11	-13	-29.11	-73.24	-54.14	1.07	13.1	V
	7401.36	-42.86	-13	-29.86	-74.75	-52.29	1.87	11.3	V
Middle	3755.68	-44.81	-13	-31.81	-73.45	-56.54	0.87	12.60	H
	5633.52	-42.87	-13	-29.87	-73.19	-54.90	1.07	13.10	H
	7511.36	-44.02	-13	-31.02	-75.68	-53.45	1.87	11.30	H
	3755.68	-44.66	-13	-31.66	-73.11	-56.39	0.87	12.6	V
	5633.52	-42.53	-13	-29.53	-73.66	-54.56	1.07	13.1	V
	7511.36	-42.74	-13	-29.74	-74.63	-52.17	1.87	11.3	V
Highest	3814.48	-44.15	-13	-31.15	-72.79	-55.88	0.87	12.60	H
	5721.72	-42.76	-13	-29.76	-73.08	-54.79	1.07	13.10	H
	7628.96	-44.09	-13	-31.09	-75.75	-53.52	1.87	11.30	H
	3814.48	-44.69	-13	-31.69	-73.14	-56.42	0.87	12.6	V
	5721.72	-41.04	-13	-28.04	-72.17	-53.07	1.07	13.1	V
	7628.96	-43.39	-13	-30.39	-75.28	-52.82	1.87	11.3	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
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	3701.18	-43.26	-13	-30.26	-71.90	-54.99	0.87	12.60	H
	5551.77	-42.95	-13	-29.95	-73.27	-54.98	1.07	13.10	H
	7402.36	-42.59	-13	-29.59	-74.25	-52.02	1.87	11.30	H
	3701.18	-44.30	-13	-31.30	-72.75	-56.03	0.87	12.6	V
	5551.77	-42.68	-13	-29.68	-73.81	-54.71	1.07	13.1	V
	7402.36	-43.51	-13	-30.51	-75.4	-52.94	1.87	11.3	V
Middle	3751.18	-43.39	-13	-30.39	-72.03	-55.12	0.87	12.60	H
	5626.77	-42.91	-13	-29.91	-73.23	-54.94	1.07	13.10	H
	7502.36	-44.34	-13	-31.34	-76.00	-53.77	1.87	11.30	H
	3751.18	-44.14	-13	-31.14	-72.59	-55.87	0.87	12.6	V
	5626.77	-42.22	-13	-29.22	-73.35	-54.25	1.07	13.1	V
	7502.36	-44.20	-13	-31.20	-76.09	-53.63	1.87	11.3	V
Highest	3801.18	-44.56	-13	-31.56	-73.20	-56.29	0.87	12.60	H
	5701.77	-42.64	-13	-29.64	-72.96	-54.67	1.07	13.10	H
	7602.36	-43.98	-13	-30.98	-75.64	-53.41	1.87	11.30	H
	3801.18	-44.53	-13	-31.53	-72.98	-56.26	0.87	12.6	V
	5701.77	-42.11	-13	-29.11	-73.24	-54.14	1.07	13.1	V
	7602.36	-43.48	-13	-30.48	-75.37	-52.91	1.87	11.3	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
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	3701.68	-43.66	-13	-30.66	-72.30	-55.39	0.87	12.60	H
	5552.52	-42.69	-13	-29.69	-73.01	-54.72	1.07	13.10	H
	7403.36	-42.45	-13	-29.45	-74.11	-51.88	1.87	11.30	H
	3701.68	-43.97	-13	-30.97	-72.42	-55.70	0.87	12.6	V
	5552.52	-42.29	-13	-29.29	-73.42	-54.32	1.07	13.1	V
	7403.36	-43.66	-13	-30.66	-75.55	-53.09	1.87	11.3	V
Middle	3746.68	-44.20	-13	-31.20	-72.84	-55.93	0.87	12.60	H
	5620.02	-42.19	-13	-29.19	-72.51	-54.22	1.07	13.10	H
	7493.36	-44.28	-13	-31.28	-75.94	-53.71	1.87	11.30	H
	3746.68	-44.54	-13	-31.54	-72.99	-56.27	0.87	12.6	V
	5620.02	-41.80	-13	-28.80	-72.93	-53.83	1.07	13.1	V
	7493.36	-42.99	-13	-29.99	-74.88	-52.42	1.87	11.3	V
Highest	3791.68	-43.94	-13	-30.94	-72.58	-55.67	0.87	12.60	H
	5687.52	-43.20	-13	-30.20	-73.52	-55.23	1.07	13.10	H
	7583.36	-43.77	-13	-30.77	-75.43	-53.20	1.87	11.30	H
	3791.68	-44.58	-13	-31.58	-73.03	-56.31	0.87	12.6	V
	5687.52	-41.90	-13	-28.90	-73.03	-53.93	1.07	13.1	V
	7583.36	-43.32	-13	-30.32	-75.21	-52.75	1.87	11.3	V

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



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
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	3702.18	-44.10	-13	-31.10	-72.74	-55.83	0.87	12.60	H
	5553.27	-42.91	-13	-29.91	-73.23	-54.94	1.07	13.10	H
	7404.36	-43.82	-13	-30.82	-75.48	-53.25	1.87	11.30	H
	3702.18	-44.22	-13	-31.22	-72.67	-55.95	0.87	12.6	V
	5553.27	-42.82	-13	-29.82	-73.95	-54.85	1.07	13.1	V
	7404.36	-43.55	-13	-30.55	-75.44	-52.98	1.87	11.3	V
Middle	3742.18	-44.04	-13	-31.04	-72.68	-55.77	0.87	12.60	H
	5613.27	-42.86	-13	-29.86	-73.18	-54.89	1.07	13.10	H
	7484.36	-43.78	-13	-30.78	-75.44	-53.21	1.87	11.30	H
	3742.18	-44.35	-13	-31.35	-72.8	-56.08	0.87	12.6	V
	5613.27	-42.25	-13	-29.25	-73.38	-54.28	1.07	13.1	V
	7484.36	-43.61	-13	-30.61	-75.5	-53.04	1.87	11.3	V
Highest	3782.18	-44.25	-13	-31.25	-72.89	-55.98	0.87	12.60	H
	5673.27	-42.78	-13	-29.78	-73.10	-54.81	1.07	13.10	H
	7564.36	-43.52	-13	-30.52	-75.18	-52.95	1.87	11.30	H
	3782.18	-43.29	-13	-30.29	-71.74	-55.02	0.87	12.6	V
	5673.27	-42.28	-13	-29.28	-73.41	-54.31	1.07	13.1	V
	7564.36	-44.00	-13	-31.00	-75.89	-53.43	1.87	11.3	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	3420.32	-44.43	-13	-31.43	-71.06	-56.22	0.81	12.60	H
	5130.48	-42.28	-13	-29.28	-71.80	-54.03	0.95	12.70	H
	6840.64	-44.49	-13	-31.49	-74.89	-55.06	1.13	11.70	H
	3420.32	-49.04	-13	-36.04	-71.32	-60.83	0.81	12.6	V
	5130.48	-47.68	-13	-34.68	-72.21	-59.43	0.95	12.7	V
	6840.64	-42.93	-13	-29.93	-74.74	-53.50	1.13	11.7	V
Middle	3463.74	-44.38	-13	-31.38	-71.01	-56.17	0.81	12.60	H
	5195.61	-43.57	-13	-30.57	-73.09	-55.32	0.95	12.70	H
	6927.48	-45.00	-13	-32.00	-75.40	-55.57	1.13	11.70	H
	3463.74	-49.10	-13	-36.10	-71.38	-60.89	0.81	12.6	V
	5195.61	-48.34	-13	-35.34	-72.87	-60.09	0.95	12.7	V
	6927.48	-43.14	-13	-30.14	-74.95	-53.71	1.13	11.7	V
Highest	3507.52	-44.07	-13	-31.07	-70.70	-55.86	0.81	12.60	H
	5261.28	-43.45	-13	-30.45	-72.97	-55.20	0.95	12.70	H
	7015.04	-44.63	-13	-31.63	-75.03	-55.20	1.13	11.70	H
	3507.52	-48.89	-13	-35.89	-71.17	-60.68	0.81	12.6	V
	5261.28	-47.93	-13	-34.93	-72.46	-59.68	0.95	12.7	V
	7015.04	-43.84	-13	-30.84	-75.65	-54.41	1.13	11.7	V

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



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
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	3420.48	-44.14	-13	-31.14	-70.77	-55.93	0.81	12.60	H
	5130.72	-72.61	-13	-59.61	-72.61	-84.36	0.95	12.70	H
	6840.96	-44.53	-13	-31.53	-74.93	-55.10	1.13	11.70	H
	3420.48	-47.91	-13	-34.91	-70.19	-59.70	0.81	12.6	V
	5130.72	-48.10	-13	-35.10	-72.63	-59.85	0.95	12.7	V
	6840.96	-42.77	-13	-29.77	-74.58	-53.34	1.13	11.7	V
Middle	3462.48	-45.17	-13	-32.17	-71.80	-56.96	0.81	12.60	H
	5193.72	-43.92	-13	-30.92	-73.44	-55.67	0.95	12.70	H
	6924.96	-44.52	-13	-31.52	-74.92	-55.09	1.13	11.70	H
	3462.48	-49.33	-13	-36.33	-71.61	-61.12	0.81	12.6	V
	5193.72	-48.71	-13	-35.71	-73.24	-60.46	0.95	12.7	V
	6924.96	-42.81	-13	-29.81	-74.62	-53.38	1.13	11.7	V
Highest	3504.48	-44.35	-13	-31.35	-70.98	-56.14	0.81	12.60	H
	5256.72	-43.73	-13	-30.73	-73.25	-55.48	0.95	12.70	H
	7008.96	-44.59	-13	-31.59	-74.99	-55.16	1.13	11.70	H
	3504.48	-49.05	-13	-36.05	-71.33	-60.84	0.81	12.6	V
	5256.72	-48.67	-13	-35.67	-73.2	-60.42	0.95	12.7	V
	7008.96	-43.36	-13	-30.36	-75.17	-53.93	1.13	11.7	V

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



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
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	3420.68	-44.77	-13	-31.77	-71.40	-56.56	0.81	12.60	H
	5131.02	-43.77	-13	-30.77	-73.29	-55.52	0.95	12.70	H
	6841.36	-44.40	-13	-31.40	-74.80	-54.97	1.13	11.70	H
	3420.68	-49.32	-13	-36.32	-71.6	-61.11	0.81	12.6	V
	5131.02	-48.03	-13	-35.03	-72.56	-59.78	0.95	12.7	V
	6841.36	-42.62	-13	-29.62	-74.43	-53.19	1.13	11.7	V
Middle	3460.68	-45.21	-13	-32.21	-71.84	-57.00	0.81	12.60	H
	5191.02	-43.02	-13	-30.02	-72.54	-54.77	0.95	12.70	H
	6921.36	-44.27	-13	-31.27	-74.67	-54.84	1.13	11.70	H
	3460.68	-48.58	-13	-35.58	-70.86	-60.37	0.81	12.6	V
	5191.02	-48.75	-13	-35.75	-73.28	-60.50	0.95	12.7	V
	6921.36	-42.87	-13	-29.87	-74.68	-53.44	1.13	11.7	V
Highest	3500.68	-44.66	-13	-31.66	-71.29	-56.45	0.81	12.60	H
	5251.02	-44.05	-13	-31.05	-73.57	-55.80	0.95	12.70	H
	7001.36	-44.85	-13	-31.85	-75.25	-55.42	1.13	11.70	H
	3500.68	-48.99	-13	-35.99	-71.27	-60.78	0.81	12.6	V
	5251.02	-48.92	-13	-35.92	-73.45	-60.67	0.95	12.7	V
	7001.36	-43.48	-13	-30.48	-75.29	-54.05	1.13	11.7	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
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	3421.18	-44.02	-13	-31.02	-70.65	-55.81	0.81	12.60	H
	5131.77	-42.87	-13	-29.87	-72.39	-54.62	0.95	12.70	H
	6842.36	-44.11	-13	-31.11	-74.51	-54.68	1.13	11.70	H
	3421.18	-48.97	-13	-35.97	-71.25	-60.76	0.81	12.6	V
	5131.77	-48.87	-13	-35.87	-73.4	-60.62	0.95	12.7	V
	6842.36	-42.87	-13	-29.87	-74.68	-53.44	1.13	11.7	V
Middle	3456.18	-44.70	-13	-31.70	-71.33	-56.49	0.81	12.60	H
	5184.27	-43.60	-13	-30.60	-73.12	-55.35	0.95	12.70	H
	6912.36	-44.17	-13	-31.17	-74.57	-54.74	1.13	11.70	H
	3456.18	-49.20	-13	-36.20	-71.48	-60.99	0.81	12.6	V
	5184.27	-48.49	-13	-35.49	-73.02	-60.24	0.95	12.7	V
	6912.36	-43.03	-13	-30.03	-74.84	-53.60	1.13	11.7	V
Highest	3491.18	-43.97	-13	-30.97	-70.60	-55.76	0.81	12.60	H
	5236.77	-43.79	-13	-30.79	-73.31	-55.54	0.95	12.70	H
	6982.36	-44.57	-13	-31.57	-74.97	-55.14	1.13	11.70	H
	3491.18	-49.14	-13	-36.14	-71.42	-60.93	0.81	12.6	V
	5236.77	-48.67	-13	-35.67	-73.2	-60.42	0.95	12.7	V
	6982.36	-42.88	-13	-29.88	-74.69	-53.45	1.13	11.7	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
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	3421.68	-43.14	-13	-30.14	-69.77	-54.93	0.81	12.60	H
	5132.52	-42.97	-13	-29.97	-72.49	-54.72	0.95	12.70	H
	6843.36	-44.11	-13	-31.11	-74.51	-54.68	1.13	11.70	H
	3421.68	-47.28	-13	-34.28	-69.56	-59.07	0.81	12.6	V
	5132.52	-47.97	-13	-34.97	-72.5	-59.72	0.95	12.7	V
	6843.36	-42.26	-13	-29.26	-74.07	-52.83	1.13	11.7	V
Middle	3451.68	-44.70	-13	-31.70	-71.33	-56.49	0.81	12.60	H
	5177.52	-43.48	-13	-30.48	-73.00	-55.23	0.95	12.70	H
	6903.36	-44.67	-13	-31.67	-75.07	-55.24	1.13	11.70	H
	3451.68	-49.29	-13	-36.29	-71.57	-61.08	0.81	12.6	V
	5177.52	-47.82	-13	-34.82	-72.35	-59.57	0.95	12.7	V
	6903.36	-43.38	-13	-30.38	-75.19	-53.95	1.13	11.7	V
Highest	3481.68	-43.77	-13	-30.77	-70.40	-55.56	0.81	12.60	H
	5222.52	-43.52	-13	-30.52	-73.04	-55.27	0.95	12.70	H
	6963.36	-44.78	-13	-31.78	-75.18	-55.35	1.13	11.70	H
	3481.68	-49.35	-13	-36.35	-71.63	-61.14	0.81	12.6	V
	5222.52	-47.85	-13	-34.85	-72.38	-59.60	0.95	12.7	V
	6963.36	-43.65	-13	-30.65	-75.46	-54.22	1.13	11.7	V

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



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
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	3422.18	-42.30	-13	-29.30	-68.93	-54.09	0.81	12.60	H
	5133.27	-43.14	-13	-30.14	-72.66	-54.89	0.95	12.70	H
	6844.36	-44.61	-13	-31.61	-75.01	-55.18	1.13	11.70	H
	3422.18	-46.73	-13	-33.73	-69.12	-58.52	0.81	12.6	V
	5133.27	-47.89	-13	-34.89	-72.42	-59.64	0.95	12.7	V
	6844.36	-43.01	-13	-30.01	-74.82	-53.58	1.13	11.7	V
Middle	3447.18	-44.23	-13	-31.23	-70.86	-56.02	0.81	12.60	H
	5170.77	-43.13	-13	-30.13	-72.65	-54.88	0.95	12.70	H
	6894.36	-44.45	-13	-31.45	-74.85	-55.02	1.13	11.70	H
	3447.18	-48.75	-13	-35.75	-71.03	-60.54	0.81	12.6	V
	5170.77	-47.04	-13	-34.04	-71.57	-58.79	0.95	12.7	V
	6894.36	-43.04	-13	-30.04	-74.85	-53.61	1.13	11.7	V
Highest	3472.18	-44.51	-13	-31.51	-71.14	-56.30	0.81	12.60	H
	5208.27	-43.43	-13	-30.43	-72.95	-55.18	0.95	12.70	H
	6944.36	-44.83	-13	-31.83	-75.23	-55.40	1.13	11.70	H
	3472.18	-49.49	-13	-36.49	-71.77	-61.28	0.81	12.6	V
	5208.27	-48.23	-13	-35.23	-72.76	-59.98	0.95	12.7	V
	6944.36	-42.69	-13	-29.69	-74.5	-53.26	1.13	11.7	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	1649.92	-55.38	-13	-42.38	-68.30	-58.35	0.88	6.00	H
	2474.88	-49.18	-13	-36.18	-70.63	-51.79	1.08	5.84	H
	3299.84	-61.48	-13	-48.48	-72.08	-65.85	1.14	7.66	H
	1649.92	-58.30	-13	-45.30	-68.93	-61.27	0.88	6.00	V
	2474.88	-50.00	-13	-37.00	-69.90	-52.61	1.08	5.84	V
	3299.84	-60.42	-13	-47.42	-72.25	-64.79	1.14	7.66	V
Middle	1671.92	-55.92	-13	-42.92	-68.84	-58.89	0.88	6.00	H
	2507.88	-48.56	-13	-35.56	-70.28	-51.17	1.08	5.84	H
	3343.84	-60.67	-13	-47.67	-71.27	-65.04	1.14	7.66	H
	1671.92	-58.56	-13	-45.56	-69.19	-61.53	0.88	6.00	V
	2507.88	-49.74	-13	-36.74	-69.74	-52.35	1.08	5.84	V
	3343.84	-60.46	-13	-47.46	-72.29	-64.83	1.14	7.66	V
Highest	1695.52	-55.72	-13	-42.72	-68.64	-58.69	0.88	6.00	H
	2543.28	-49.46	-13	-36.46	-70.95	-52.07	1.08	5.84	H
	3391.04	-61.42	-13	-48.42	-72.02	-65.79	1.14	7.66	H
	1695.52	-59.30	-13	-46.30	-69.93	-62.27	0.88	6.00	V
	2543.28	-51.83	-13	-38.83	-70.75	-54.44	1.08	5.84	V
	3391.04	-59.83	-13	-46.83	-71.66	-64.20	1.14	7.66	V

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



LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
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	1648.48	-56.54	-13	-43.54	-69.46	-59.51	0.88	6.00	H
	2472.72	-46.58	-13	-33.58	-69.26	-49.19	1.08	5.84	H
	3296.96	-61.88	-13	-48.88	-72.48	-66.25	1.14	7.66	H
	1648.48	-58.94	-13	-45.94	-69.57	-61.91	0.88	6.00	V
	2472.72	-49.94	-13	-36.94	-70.07	-52.55	1.08	5.84	V
	3296.96	-59.59	-13	-46.59	-71.42	-63.96	1.14	7.66	V
Middle	1670.48	-53.64	-13	-40.64	-66.79	-56.61	0.88	6.00	H
	2505.72	-48.68	-13	-35.68	-70.32	-51.29	1.08	5.84	H
	3340.96	-61.19	-13	-48.19	-71.79	-65.56	1.14	7.66	H
	1670.48	-57.02	-13	-44.02	-67.65	-59.99	0.88	6.00	V
	2505.72	-51.38	-13	-38.38	-70.59	-53.99	1.08	5.84	V
	3340.96	-60.54	-13	-47.54	-72.37	-64.91	1.14	7.66	V
Highest	1692.48	-57.19	-13	-44.19	-70.11	-60.16	0.88	6.00	H
	2538.72	-48.81	-13	-35.81	-70.36	-51.42	1.08	5.84	H
	3384.96	-61.21	-13	-48.21	-71.81	-65.58	1.14	7.66	H
	1692.48	-59.03	-13	-46.03	-69.66	-62.00	0.88	6.00	V
	2538.72	-52.31	-13	-39.31	-71.14	-54.92	1.08	5.84	V
	3384.96	-60.16	-13	-47.16	-71.99	-64.53	1.14	7.66	V

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



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1648.68	-56.04	-13	-43.04	-68.96	-59.01	0.88	6.00	H
	2473.02	-48.65	-13	-35.65	-70.31	-51.26	1.08	5.84	H
	3297.36	-60.96	-13	-47.96	-71.56	-65.33	1.14	7.66	H
	1648.68	-58.71	-13	-45.71	-69.34	-61.68	0.88	6.00	V
	2473.02	-50.85	-13	-37.85	-70.37	-53.46	1.08	5.84	V
	3297.36	-59.81	-13	-46.81	-71.64	-64.18	1.14	7.66	V
Middle	1668.68	-56.02	-13	-43.02	-68.94	-58.99	0.88	6.00	H
	2503.02	-48.40	-13	-35.40	-70.23	-51.01	1.08	5.84	H
	3337.36	-60.63	-13	-47.63	-71.23	-65.00	1.14	7.66	H
	1668.68	-58.40	-13	-45.40	-69.03	-61.37	0.88	6.00	V
	2503.02	-51.22	-13	-38.22	-70.53	-53.83	1.08	5.84	V
	3337.36	-60.13	-13	-47.13	-71.96	-64.50	1.14	7.66	V
Highest	1688.68	-56.63	-13	-43.63	-69.55	-59.60	0.88	6.00	H
	2533.02	-49.21	-13	-36.21	-70.67	-51.82	1.08	5.84	H
	3377.36	-61.24	-13	-48.24	-71.84	-65.61	1.14	7.66	H
	1688.68	-58.85	-13	-45.85	-69.48	-61.82	0.88	6.00	V
	2533.02	-50.70	-13	-37.70	-70.29	-53.31	1.08	5.84	V
	3377.36	-60.26	-13	-47.26	-72.09	-64.63	1.14	7.66	V

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



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1649.18	-55.65	-13	-42.65	-68.57	-58.62	0.88	6.00	H
	2473.77	-48.56	-13	-35.56	-70.28	-51.17	1.08	5.84	H
	3298.36	-61.09	-13	-48.09	-71.69	-65.46	1.14	7.66	H
	1649.18	-53.67	-13	-40.67	-65.12	-56.64	0.88	6.00	V
	2473.77	-50.72	-13	-37.72	-70.30	-53.33	1.08	5.84	V
	3298.36	-60.01	-13	-47.01	-71.84	-64.38	1.14	7.66	V
Middle	1664.18	-54.71	-13	-41.71	-67.63	-57.68	0.88	6.00	H
	2496.27	-47.86	-13	-34.86	-70.03	-50.47	1.08	5.84	H
	3328.36	-60.78	-13	-47.78	-71.38	-65.15	1.14	7.66	H
	1664.18	-56.29	-13	-43.29	-66.92	-59.26	0.88	6.00	V
	2496.27	-50.43	-13	-37.43	-70.14	-53.04	1.08	5.84	V
	3328.36	-60.21	-13	-47.21	-72.04	-64.58	1.14	7.66	V
Highest	1679.18	-55.40	-13	-42.40	-68.32	-58.37	0.88	6.00	H
	2518.77	-47.80	-13	-34.80	-70.00	-50.41	1.08	5.84	H
	3358.36	-61.03	-13	-48.03	-71.63	-65.40	1.14	7.66	H
	1679.18	-52.94	-13	-39.94	-64.51	-55.91	0.88	6.00	V
	2518.77	-48.64	-13	-35.64	-69.00	-51.25	1.08	5.84	V
	3358.36	-60.00	-13	-47.00	-71.83	-64.37	1.14	7.66	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
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	5000.68	-41.18	-25	-16.18	-73.16	-52.93	0.95	12.70	H
	7501.02	-38.18	-25	-13.18	-75.07	-48.42	1.46	11.70	H
	10001.36	-38.34	-25	-13.34	-76.81	-49.13	1.31	12.10	H
	5000.68	-39.43	-25	-14.43	-72.08	-51.18	0.95	12.70	V
	7501.02	-37.99	-25	-12.99	-74.87	-48.23	1.46	11.70	V
	10001.36	-40.06	-25	-15.06	-76.96	-50.85	1.31	12.10	V
Middle	5065.68	-39.69	-25	-14.69	-72.21	-51.44	0.95	12.70	H
	7598.52	-39.18	-25	-14.18	-76.07	-49.42	1.46	11.70	H
	10131.36	-38.02	-25	-13.02	-76.49	-48.81	1.31	12.10	H
	5065.68	-39.03	-25	-14.03	-72.37	-50.7831	0.95	12.70	V
	7598.52	-38.80	-25	-13.80	-75.68	-49.0356	1.46	11.70	V
	10131.36	-39.55	-25	-14.55	-76.45	-50.3356	1.31	12.10	V
Highest	5130.68	-40.00	-25	-15.00	-72.53	-51.75	0.95	12.70	H
	7696.02	-39.12	-25	-14.12	-76.01	-49.36	1.46	11.70	H
	10261.36	-38.52	-25	-13.52	-76.99	-49.31	1.31	12.10	H
	5130.68	-39.78	-25	-14.78	-72.97	-51.5331	0.95	12.70	V
	7696.02	-38.43	-25	-13.43	-75.31	-48.6656	1.46	11.70	V
	10261.36	-40.14	-25	-15.14	-77.04	-50.9256	1.31	12.10	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
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	5001.18	-41.47	-25	-16.47	-73.45	-53.22	0.95	12.70	H
	7501.77	-38.36	-25	-13.36	-75.25	-48.60	1.46	11.70	H
	10002.36	-38.73	-25	-13.73	-77.20	-49.52	1.31	12.10	H
	5001.18	-39.05	-25	-14.05	-72.38	-50.7956	0.95	12.70	V
	7501.77	-37.49	-25	-12.49	-74.37	-47.7256	1.46	11.70	V
	10002.36	-39.91	-25	-14.91	-76.81	-50.6956	1.31	12.10	V
Middle	5061.18	-40.63	-25	-15.63	-72.73	-52.38	0.95	12.70	H
	7591.77	-38.91	-25	-13.91	-75.80	-49.15	1.46	11.70	H
	10122.36	-38.52	-25	-13.52	-76.99	-49.31	1.31	12.10	H
	5061.18	-39.16	-25	-14.16	-72.47	-50.9081	0.95	12.70	V
	7591.77	-38.33	-25	-13.33	-75.21	-48.5656	1.46	11.70	V
	10122.36	-39.96	-25	-14.96	-76.86	-50.7456	1.31	12.10	V
Highest	5121.18	-39.96	-25	-14.96	-71.99	-51.71	0.95	12.70	H
	7681.77	-38.70	-25	-13.70	-75.59	-48.94	1.46	11.70	H
	10242.36	-38.35	-25	-13.35	-76.82	-49.14	1.31	12.10	H
	5121.18	-39.53	-25	-14.53	-72.77	-51.2831	0.95	12.70	V
	7681.77	-38.45	-25	-13.45	-75.33	-48.6856	1.46	11.70	V
	10242.36	-39.06	-25	-14.06	-75.96	-49.8456	1.31	12.10	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
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	5001.68	-41.81	-25.00	-16.81	-73.79	-53.56	0.95	12.70	H
	7502.52	-38.79	-25.00	-13.79	-75.68	-49.03	1.46	11.70	H
	10003.36	-38.40	-25.00	-13.40	-76.87	-49.19	1.31	12.10	H
	5001.68	-39.90	-25.00	-14.90	-73.06	-51.65	0.95	12.70	V
	7502.52	-38.96	-25.00	-13.96	-75.84	-49.20	1.46	11.70	V
	10003.36	-39.99	-25.00	-14.99	-76.89	-50.78	1.31	12.10	V
Middle	5056.68	-41.04	-25.00	-16.04	-73.02	-52.79	0.95	12.70	H
	7585.02	-38.84	-25.00	-13.84	-75.73	-49.08	1.46	11.70	H
	10131.36	-38.45	-25.00	-13.45	-76.92	-49.24	1.31	12.10	H
	5056.68	-39.11	-25.00	-14.11	-72.43	-50.86	0.95	12.70	V
	7585.02	-38.41	-25.00	-13.41	-75.29	-48.65	1.46	11.70	V
	10131.36	-39.96	-25.00	-14.96	-76.86	-50.75	1.31	12.10	V
Highest	5111.68	-40.05	-25.00	-15.05	-72.34	-51.80	0.95	12.70	H
	7667.52	-38.76	-25.00	-13.76	-75.65	-49.00	1.46	11.70	H
	10223.36	-38.79	-25.00	-13.79	-77.26	-49.58	1.31	12.10	H
	5111.68	-38.73	-25.00	-13.73	-72.10	-50.48	0.95	12.70	V
	7667.52	-38.85	-25.00	-13.85	-75.73	-49.09	1.46	11.70	V
	10223.36	-40.56	-25.00	-15.56	-77.46	-51.35	1.31	12.10	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
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	5002.18	-41.58	-25	-16.58	-73.56	-53.33	0.95	12.70	H
	7503.27	-38.61	-25	-13.61	-75.50	-48.85	1.46	11.70	H
	10004.36	-37.65	-25	-12.65	-76.12	-48.44	1.31	12.10	H
	5002.18	-40.40	-25	-15.40	-72.9	-52.1456	0.95	12.70	V
	7503.27	-38.03	-25	-13.03	-74.91	-48.2656	1.46	11.70	V
	10004.36	-40.09	-25	-15.09	-76.99	-50.8756	1.31	12.10	V
Middle	5052.18	-40.66	-25	-15.66	-72.75	-52.41	0.95	12.70	H
	7578.27	-38.32	-25	-13.32	-75.21	-48.56	1.46	11.70	H
	10104.36	-37.90	-25	-12.90	-76.37	-48.69	1.31	12.10	H
	5052.18	-42.99	-25	-17.99	-73.55	-54.74	0.95	12.70	V
	7578.27	-38.55	-25	-13.55	-75.43	-48.79	1.46	11.70	V
	10104.36	-39.58	-25	-14.58	-76.48	-50.3656	1.31	12.10	V
Highest	5102.18	-40.00	-25	-15.00	-72.30	-51.75	0.95	12.70	H
	7653.27	-38.32	-25	-13.32	-75.21	-48.56	1.46	11.70	H
	10204.36	-38.50	-25	-13.50	-76.97	-49.29	1.31	12.10	H
	5102.18	-39.27	-25	-14.27	-72.45	-51.0206	0.95	12.70	V
	7653.27	-38.93	-25	-13.93	-75.81	-49.1656	1.46	11.70	V
	10204.36	-39.86	-25	-14.86	-76.76	-50.6456	1.31	12.10	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	1398.6	-55.22	-13	-42.22	-68.14	-58.19	0.88	6.00	H
	2097.9	-50.12	-13	-37.12	-71.59	-52.73	1.08	5.84	H
	2797.2	-62.11	-13	-49.11	-72.71	-66.48	1.14	7.66	H
	1398.6	-56.39	-13	-43.39	-67.02	-59.36	0.88	6.00	V
	2097.9	-53.19	-13	-40.19	-72.04	-55.80	1.08	5.84	V
	2797.2	-61.03	-13	-48.03	-72.86	-65.40	1.14	7.66	V
Middle	1414.12	-48.45	-13	-35.45	-63.43	-51.42	0.88	6.00	H
	2121.18	-45.82	-13	-32.82	-68.67	-48.43	1.08	5.84	H
	2828.24	-59.69	-13	-46.69	-70.29	-64.06	1.14	7.66	H
	1414.12	-48.90	-13	-35.90	-61.81	-51.87	0.88	6.00	V
	2121.18	-50.14	-13	-37.14	-69.98	-52.75	1.08	5.84	V
	2828.24	-58.27	-13	-45.27	-70.10	-62.64	1.14	7.66	V
Highest	1429.64	-44.59	-13	-31.59	-60.57	-47.56	0.88	6.00	H
	2144.46	-49.94	-13	-36.94	-71.50	-52.55	1.08	5.84	H
	2859.28	-61.96	-13	-48.96	-72.56	-66.33	1.14	7.66	H
	1429.64	-46.71	-13	-33.71	-59.70	-49.68	0.88	6.00	V
	2144.46	-52.93	-13	-39.93	-71.78	-55.54	1.08	5.84	V
	2859.28	-61.03	-13	-48.03	-72.86	-65.40	1.14	7.66	V

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



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
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	-54.00	-13	-41.00	-66.92	-56.97	0.88	6.00	H
	2100	-52.56	-13	-39.56	-72.17	-55.17	1.08	5.84	H
	2800	-60.22	-13	-47.22	-70.82	-64.59	1.14	7.66	H
	1400	-56.89	-13	-43.89	-67.52	-59.86	0.88	6.00	V
	2100	-50.14	-13	-37.14	-69.98	-52.75	1.08	5.84	V
	2800	-58.33	-13	-45.33	-70.16	-62.70	1.14	7.66	V
Middle	1412.18	-48.90	-13	-35.90	-63.73	-51.87	0.88	6.00	H
	2118.27	-43.79	-13	-30.79	-67.26	-46.40	1.08	5.84	H
	2824.36	-57.56	-13	-44.56	-68.16	-61.93	1.14	7.66	H
	1412.18	-49.33	-13	-36.33	-62.07	-52.30	0.88	6.00	V
	2118.27	-48.54	-13	-35.54	-68.92	-51.15	1.08	5.84	V
	2824.36	-54.71	-13	-41.71	-66.54	-59.08	1.14	7.66	V
Highest	1425.76	-45.11	-13	-32.11	-61.03	-48.08	0.88	6.00	H
	2138.64	-43.52	-13	-30.52	-67.04	-46.13	1.08	5.84	H
	2851.52	-57.97	-13	-44.97	-68.57	-62.34	1.14	7.66	H
	1425.76	-47.28	-13	-34.28	-60.15	-50.25	0.88	6.00	V
	2138.64	-46.80	-13	-33.80	-67.70	-49.41	1.08	5.84	V
	2851.52	-54.90	-13	-41.90	-66.73	-59.27	1.14	7.66	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1402	-56.80	-13	-43.80	-69.72	-59.77	0.88	6.00	H
	2102	-45.70	-13	-32.70	-68.57	-48.31	1.08	5.84	H
	2802	-55.75	-13	-42.75	-66.35	-60.12	1.14	7.66	H
	1402	-58.83	-13	-45.83	-69.46	-61.80	0.88	6.00	V
	2102	-52.66	-13	-39.66	-71.50	-55.27	1.08	5.84	V
	2802	-58.80	-13	-45.80	-70.63	-63.17	1.14	7.66	V
Middle	1410.24	-49.18	-13	-36.18	-63.96	-52.15	0.88	6.00	H
	2115.36	-43.65	-13	-30.65	-67.15	-46.26	1.08	5.84	H
	2820.48	-59.47	-13	-46.47	-70.07	-63.84	1.14	7.66	H
	1410.24	-48.03	-13	-35.03	-60.86	-51.00	0.88	6.00	V
	2115.36	-45.55	-13	-32.55	-66.71	-48.16	1.08	5.84	V
	2820.48	-58.98	-13	-45.98	-70.81	-63.35	1.14	7.66	V
Highest	1421.88	-44.88	-13	-31.88	-60.83	-47.85	0.88	6.00	H
	2132.82	-44.46	-13	-31.46	-67.69	-47.07	1.08	5.84	H
	2843.76	-56.11	-13	-43.11	-66.71	-60.48	1.14	7.66	H
	1421.88	-49.81	-13	-36.81	-62.30	-52.78	0.88	6.00	V
	2132.82	-43.00	-13	-30.00	-66.46	-45.61	1.08	5.84	V
	2843.76	-54.57	-13	-41.57	-66.40	-58.94	1.14	7.66	V

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



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1399	-34.89	-13	-21.89	-51.72	-37.86	0.88	6.00	H
	2098.5	-43.43	-13	-30.43	-66.97	-46.04	1.08	5.84	H
	2798	-56.73	-13	-43.73	-67.33	-61.10	1.14	7.66	H
	1399	-39.57	-13	-26.57	-53.11	-42.54	0.88	6.00	V
	2098.5	-39.19	-13	-26.19	-61.53	-41.80	1.08	5.84	V
	2798	-56.91	-13	-43.91	-68.74	-61.28	1.14	7.66	V
Middle	1406.36	-34.87	-13	-21.87	-51.70	-37.84	0.88	6.00	H
	2109.54	-43.56	-13	-30.56	-67.07	-46.17	1.08	5.84	H
	2812.72	-56.92	-13	-43.92	-67.52	-61.29	1.14	7.66	H
	1406.36	-38.37	-13	-25.37	-52.14	-41.34	0.88	6.00	V
	2109.54	-44.38	-13	-31.38	-65.78	-46.99	1.08	5.84	V
	2812.72	-54.89	-13	-41.89	-66.72	-59.26	1.14	7.66	V
Highest	1414	-35.40	-13	-22.40	-52.24	-38.37	0.88	6.00	H
	2121	-47.92	-13	-34.92	-67.53	-50.53	1.08	5.84	H
	2828	-56.00	-13	-43.00	-66.60	-60.37	1.14	7.66	H
	1414	-38.17	-13	-25.17	-52.00	-41.14	0.88	6.00	V
	2121	-39.17	-13	-26.17	-61.51	-41.78	1.08	5.84	V
	2828	-54.25	-13	-41.25	-66.08	-58.62	1.14	7.66	V

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



LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1555	-49.25	-13	-36.25	-64.02	-52.22	0.88	6.00	H
	2332.5	-52.06	-13	-39.06	-71.67	-54.67	1.08	5.84	H
	3110	-61.17	-13	-48.17	-71.77	-65.54	1.14	7.66	H
	1555	-55.25	-13	-42.25	-65.88	-58.22	0.88	6.00	V
	2332.5	-52.59	-13	-39.59	-71.43	-55.20	1.08	5.84	V
	3110	-59.37	-13	-46.37	-71.20	-63.74	1.14	7.66	V
Middle	1561	-49.93	-40	-9.93	-64.63	-52.90	0.88	6.00	H
	2341.5	-50.83	-13	-37.83	-71.76	-53.44	1.08	5.84	H
	3122	-60.95	-13	-47.95	-71.55	-65.32	1.14	7.66	H
	1561	-53.91	-40	-13.91	-65.33	-56.88	0.88	6.00	V
	2341.5	-53.05	-13	-40.05	-71.90	-55.66	1.08	5.84	V
	3122	-59.57	-13	-46.57	-71.40	-63.94	1.14	7.66	V
Highest	1564	-50.37	-40	-10.37	-64.99	-53.34	0.88	6.00	H
	2347	-49.71	-13	-36.71	-71.23	-52.32	1.08	5.84	H
	3128	-60.26	-13	-47.26	-70.86	-64.63	1.14	7.66	H
	1564	-56.57	-40	-16.57	-67.20	-59.54	0.88	6.00	V
	2347	-53.17	-13	-40.17	-72.02	-55.78	1.08	5.84	V
	3128	-59.27	-13	-46.27	-71.10	-63.64	1.14	7.66	V

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



LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1555.75	-49.04	-13	-36.04	-63.83	-52.01	0.88	6.00	H
	2333.61	-49.91	-13	-36.91	-71.46	-52.52	1.08	5.84	H
	3111.48	-60.42	-13	-47.42	-71.02	-64.79	1.14	7.66	H
	1555.75	-55.04	-13	-42.04	-65.67	-58.01	0.88	6.00	V
	2333.61	-53.00	-13	-40.00	-71.85	-55.61	1.08	5.84	V
	3111.48	-58.81	-13	-45.81	-70.64	-63.18	1.14	7.66	V

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



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1408.3	-49.78	-13	-36.78	-64.50	-52.75	0.88	6.00	H
	2112.45	-46.50	-13	-33.50	-69.20	-49.11	1.08	5.84	H
	2816.6	-57.81	-13	-44.81	-68.41	-62.18	1.14	7.66	H
	1408.3	-52.74	-13	-39.74	-64.39	-55.71	0.88	6.00	V
	2112.45	-50.63	-13	-37.63	-70.25	-53.24	1.08	5.84	V
	2816.6	-56.35	-13	-43.35	-68.18	-60.72	1.14	7.66	V
Middle	1416.06	-50.38	-13	-37.38	-65.00	-53.35	0.88	6.00	H
	2124.09	-44.62	-13	-31.62	-67.78	-47.23	1.08	5.84	H
	2832.12	-57.15	-13	-44.15	-67.75	-61.52	1.14	7.66	H
	1416.06	-50.17	-13	-37.17	-62.54	-53.14	0.88	6.00	V
	2124.09	-44.82	-13	-31.82	-66.21	-47.43	1.08	5.84	V
	2832.12	-55.41	-13	-42.41	-67.24	-59.78	1.14	7.66	V
Highest	1421.88	-47.82	-13	-34.82	-63.05	-50.79	0.88	6.00	H
	2132.82	-45.92	-13	-32.92	-68.75	-48.53	1.08	5.84	H
	2843.76	-62.02	-13	-49.02	-72.62	-66.39	1.14	7.66	H
	1421.88	-47.58	-13	-34.58	-60.43	-50.55	0.88	6.00	V
	2132.82	-47.69	-13	-34.69	-68.32	-50.30	1.08	5.84	V
	2843.76	-55.23	-13	-42.23	-67.06	-59.60	1.14	7.66	V

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



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1409.18	-52.53	-13	-39.53	-64.27	-55.50	0.88	6.00	H
	2113.77	-49.68	-13	-36.68	-71.20	-52.29	1.08	5.84	H
	2818.36	-61.13	-13	-48.13	-71.73	-65.50	1.14	7.66	H
	1409.18	-52.56	-13	-39.56	-64.29	-55.53	0.88	6.00	V
	2113.77	-52.84	-13	-39.84	-71.69	-55.45	1.08	5.84	V
	2818.36	-56.91	-13	-43.91	-71.04	-61.28	1.14	7.66	V
Middle	1406.36	-34.87	-13	-21.87	-51.70	-37.84	0.88	6.00	H
	2109.54	-43.56	-13	-30.56	-67.07	-46.17	1.08	5.84	H
	2812.72	-56.92	-13	-43.92	-67.52	-61.29	1.14	7.66	H
	1406.36	-38.37	-13	-25.37	-52.14	-41.34	0.88	6.00	V
	2109.54	-44.38	-13	-31.38	-65.78	-46.99	1.08	5.84	V
	2812.72	-54.89	-13	-41.89	-66.72	-59.26	1.14	7.66	V
Highest	1414.12	-49.73	-13	-36.73	-64.45	-52.70	0.88	6.00	H
	2121.18	-43.63	-13	-30.63	-67.13	-46.24	1.08	5.84	H
	2828.24	-57.44	-13	-44.44	-68.04	-61.81	1.14	7.66	H
	1414.12	-48.92	-13	-35.92	-61.83	-51.89	0.88	6.00	V
	2121.18	-44.54	-13	-31.54	-65.93	-47.15	1.08	5.84	V
	2828.24	-54.76	-13	-41.76	-66.59	-59.13	1.14	7.66	V

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