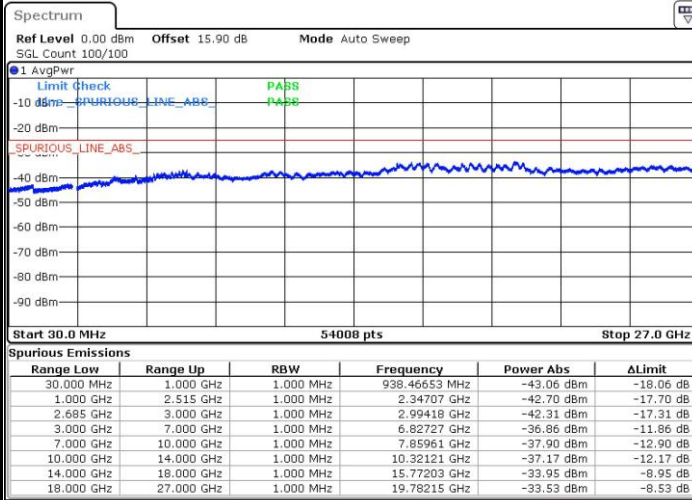




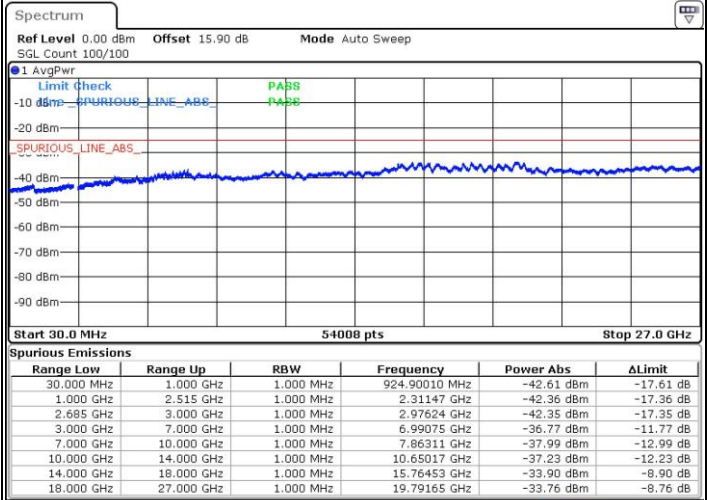
LTE Band 41 / 10MHz

Middle Channel / QPSK



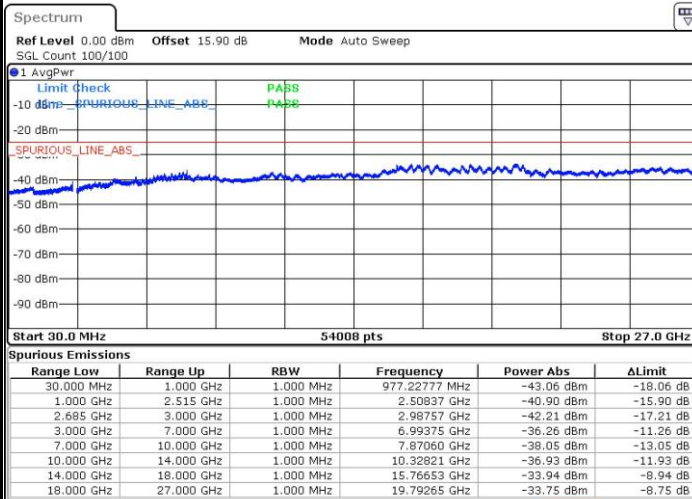
Date: 14 JUN 2017 17:04:36

Middle Channel / 16QAM



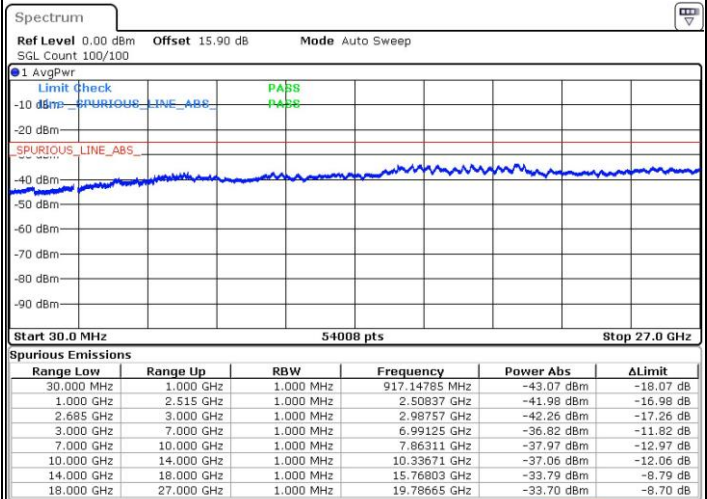
Date: 14 JUN 2017 17:05:31

Highest Channel / QPSK



Date: 14 JUN 2017 17:11:03

Highest Channel / 16QAM

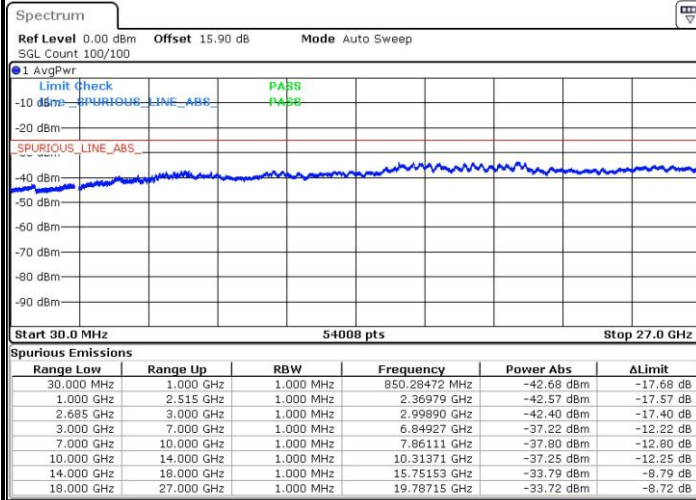


Date: 14 JUN 2017 17:11:59



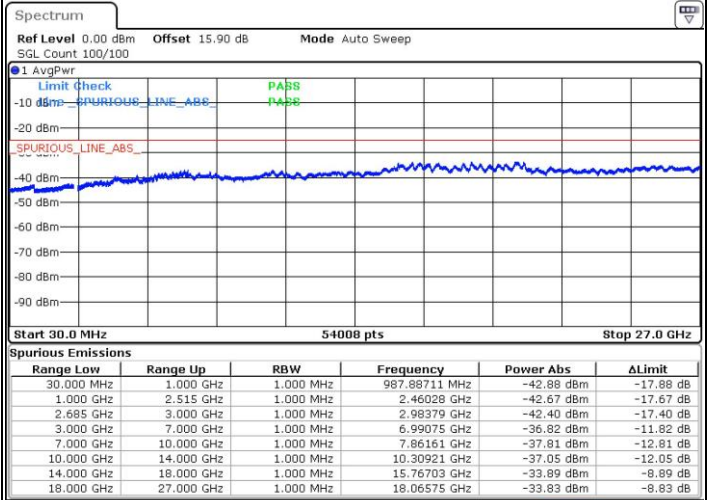
LTE Band 41 / 15MHz

Lowest Channel / QPSK



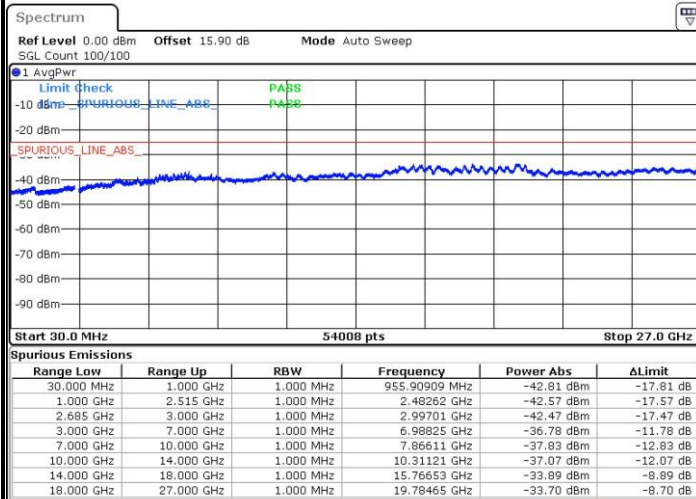
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Lowest Channel / 16QAM



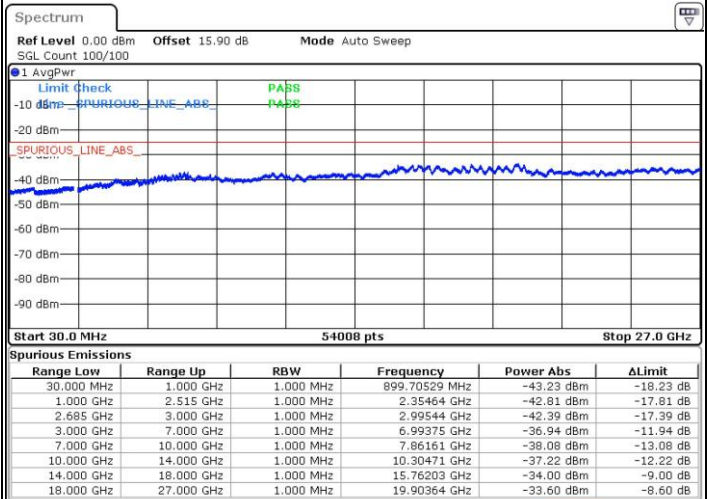
Date: 14 JUN 2017 17:18:30

Middle Channel / QPSK



Date: 14 JUN 2017 17:19:25

Middle Channel / 16QAM

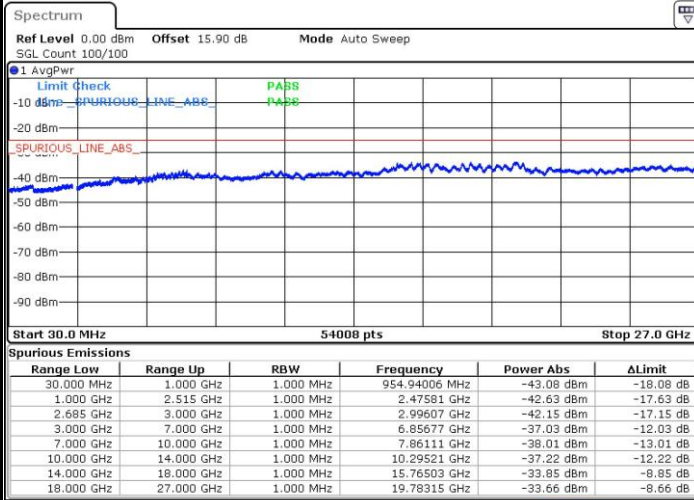


Date: 14 JUN 2017 17:20:20



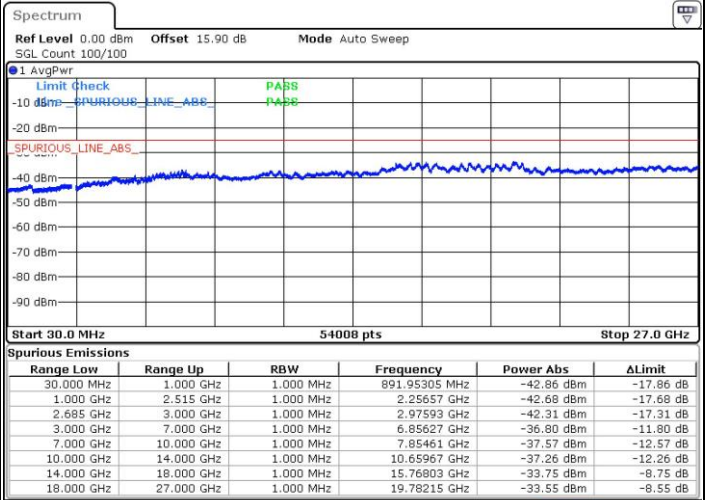
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 14 JUN 2017 17:25:53

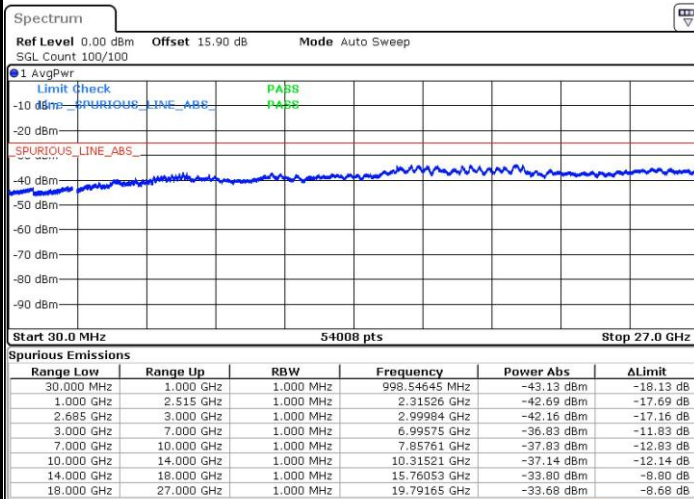
Highest Channel / 16QAM



Date: 14 JUN 2017 17:26:48

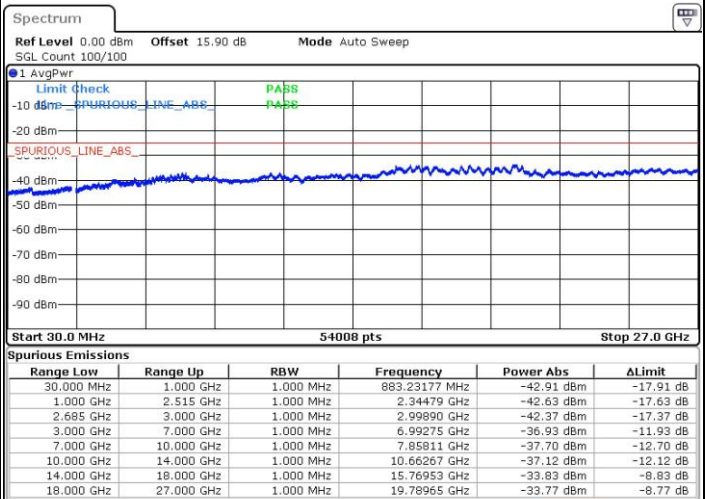
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 14 JUN 2017 17:32:23

Lowest Channel / 16QAM

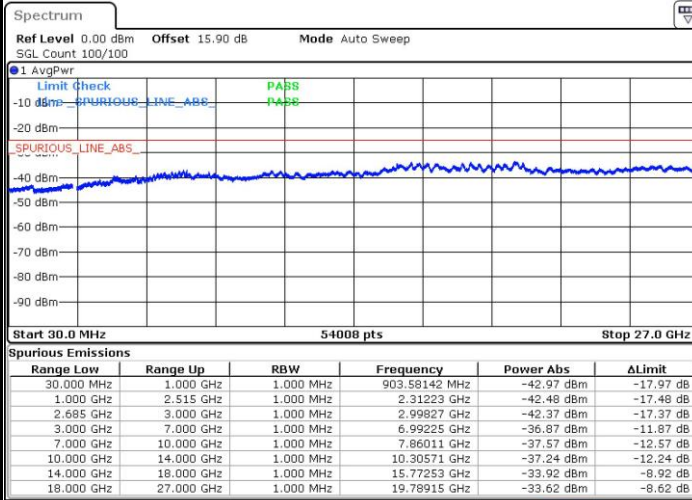


Date: 14 JUN 2017 17:33:19



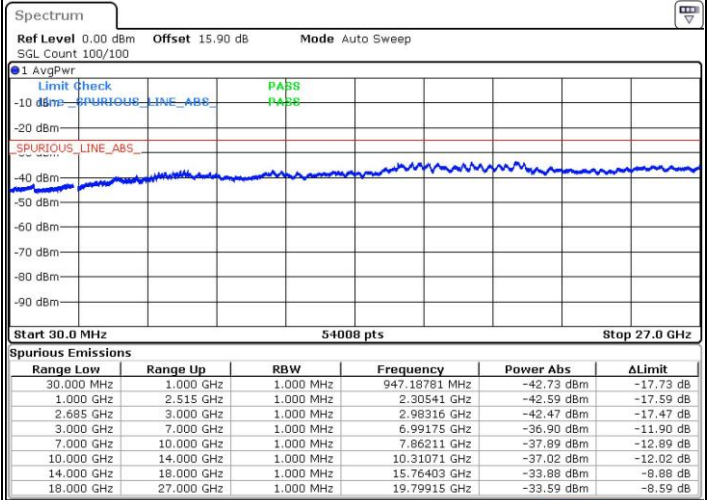
LTE Band 41 / 20MHz

Middle Channel / QPSK



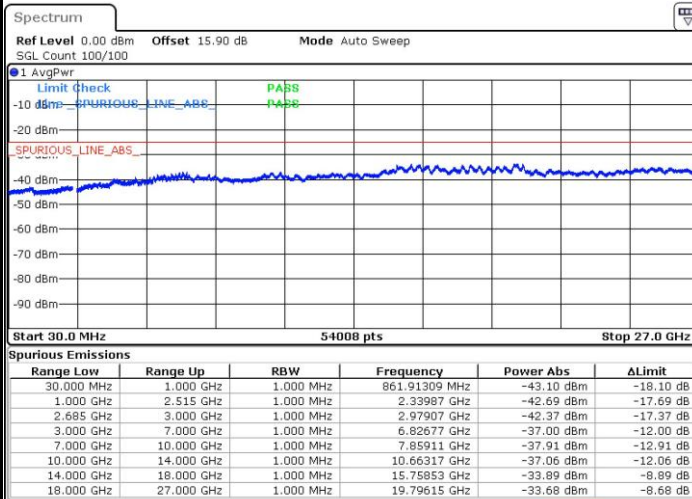
Date: 14 JUN 2017 17:34:14

Middle Channel / 16QAM



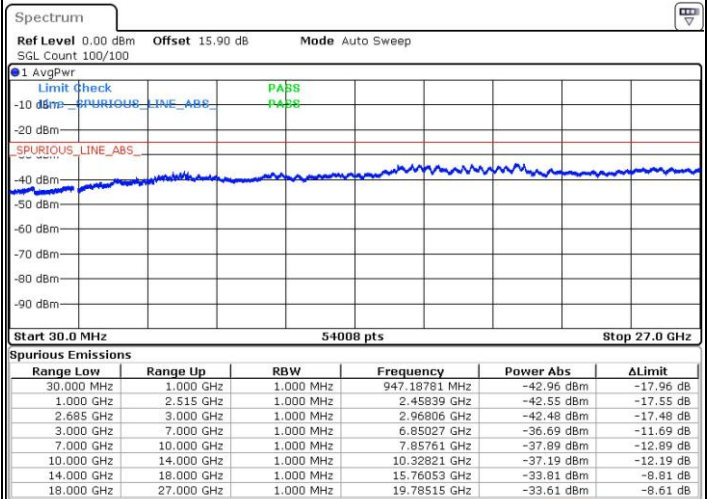
Date: 14 JUN 2017 17:35:09

Highest Channel / QPSK



Date: 14 JUN 2017 17:40:42

Highest Channel / 16QAM

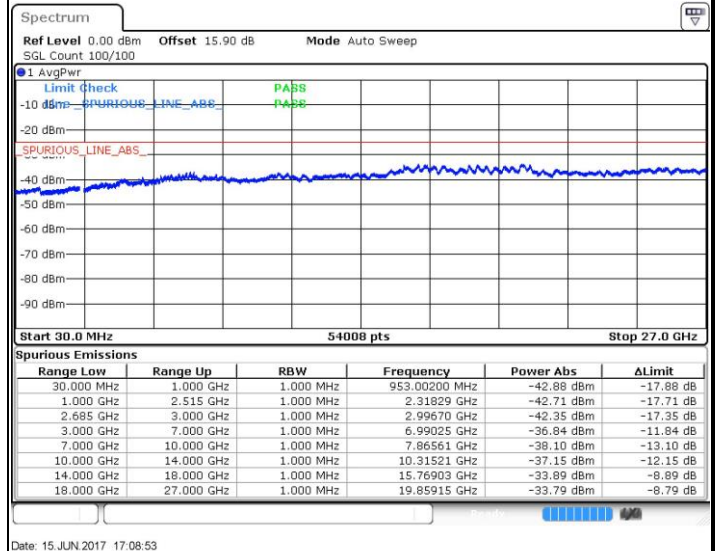


Date: 14 JUN 2017 17:41:37

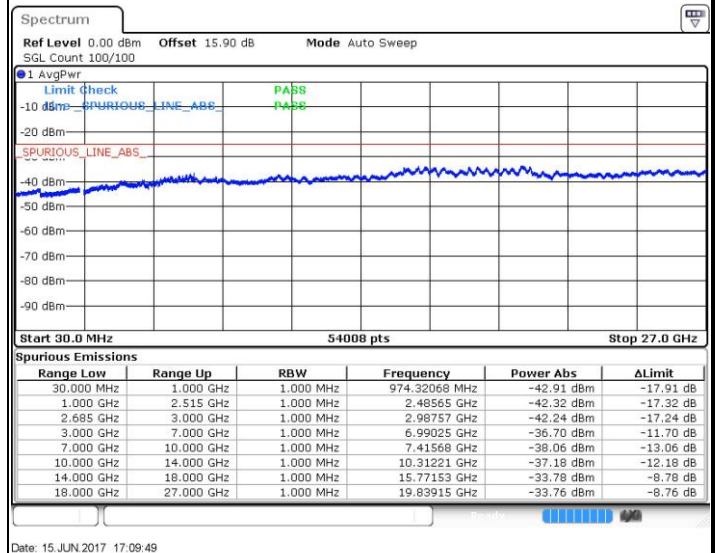


LTE Band 41 / 5MHz

Lowest Channel / 64QAM



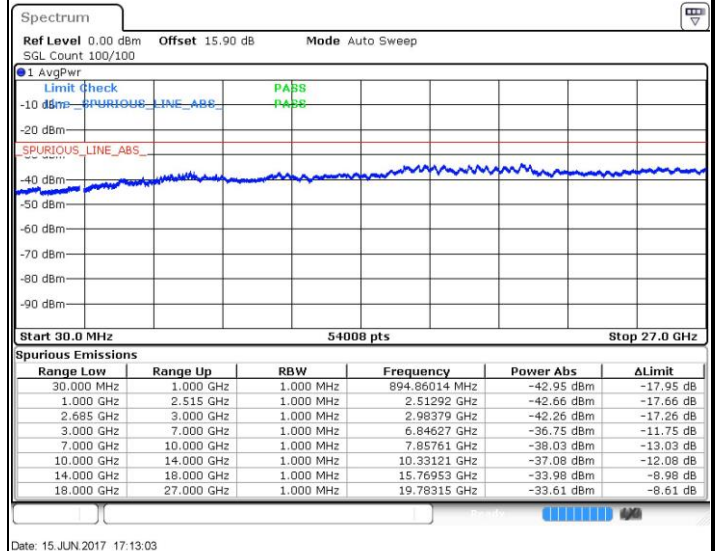
Middle Channel / 64QAM





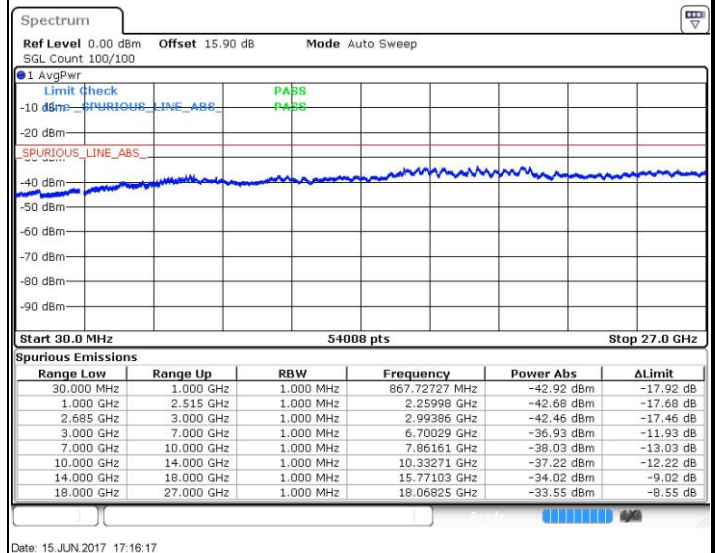
LTE Band 41 / 5MHz

Highest Channel / 64QAM



LTE Band 41 / 10MHz

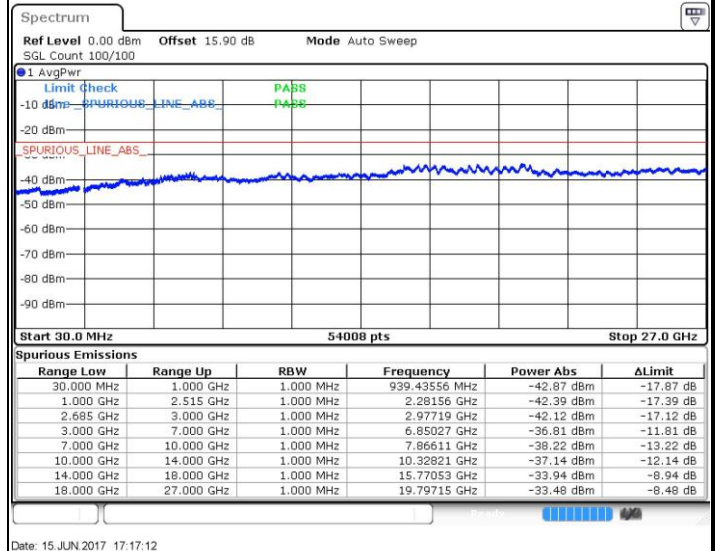
Lowest Channel / 64QAM



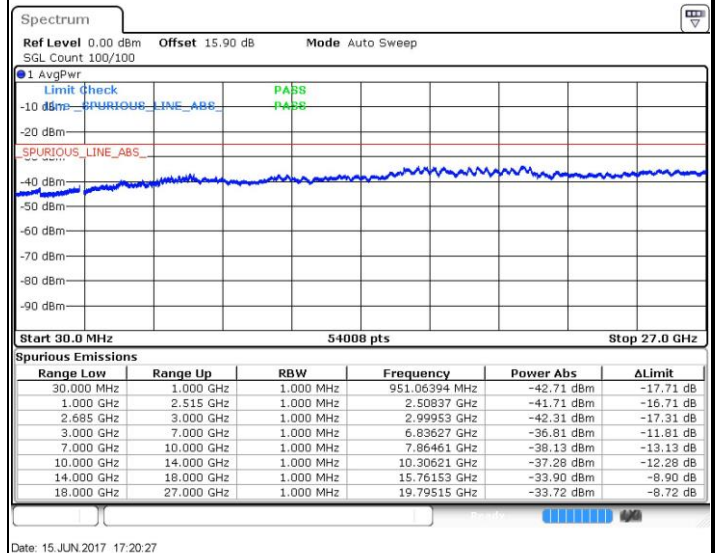


LTE Band 41 / 10MHz

Middle Channel / 64QAM



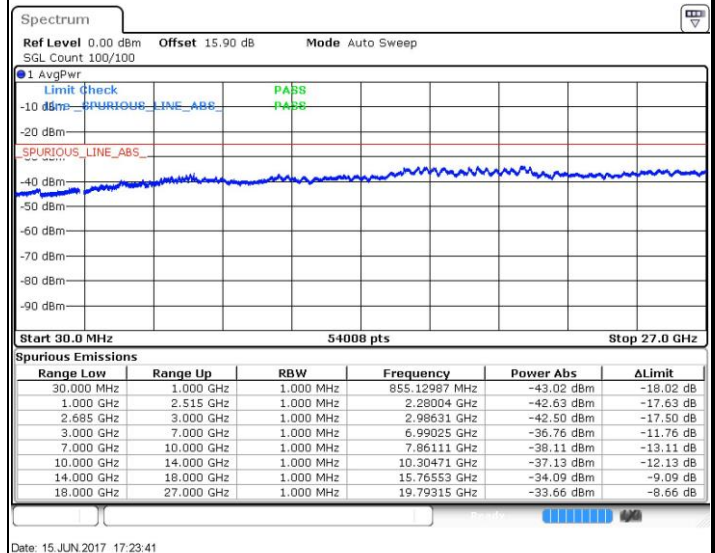
Highest Channel / 64QAM



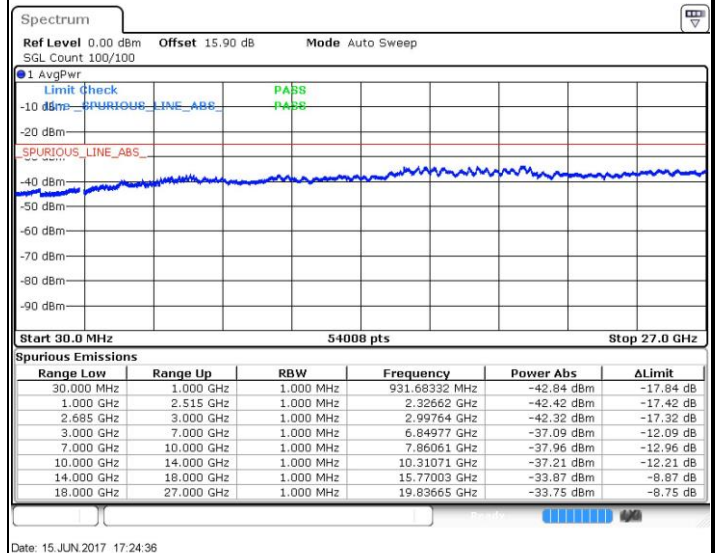


LTE Band 41 / 15MHz

Lowest Channel / 64QAM



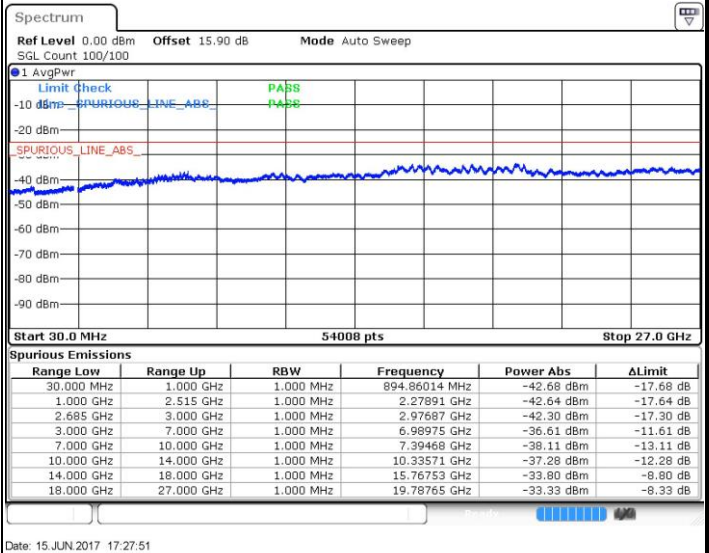
Middle Channel / 64QAM





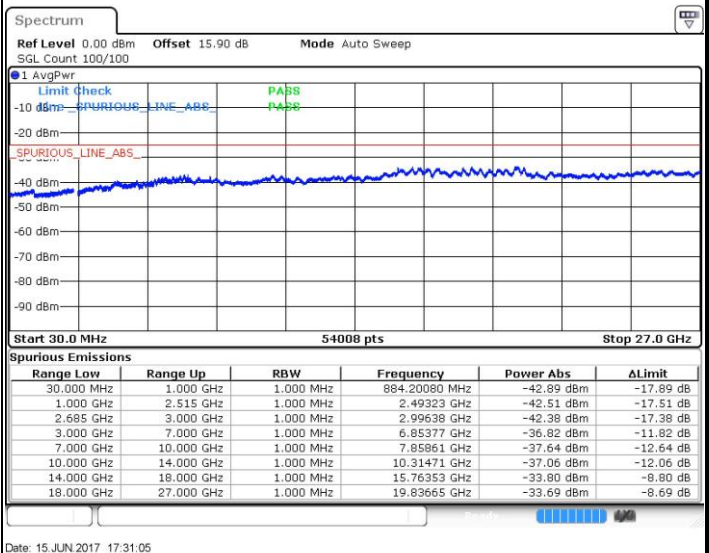
LTE Band 41 / 15MHz

Highest Channel / 64QAM



LTE Band 41 / 20MHz

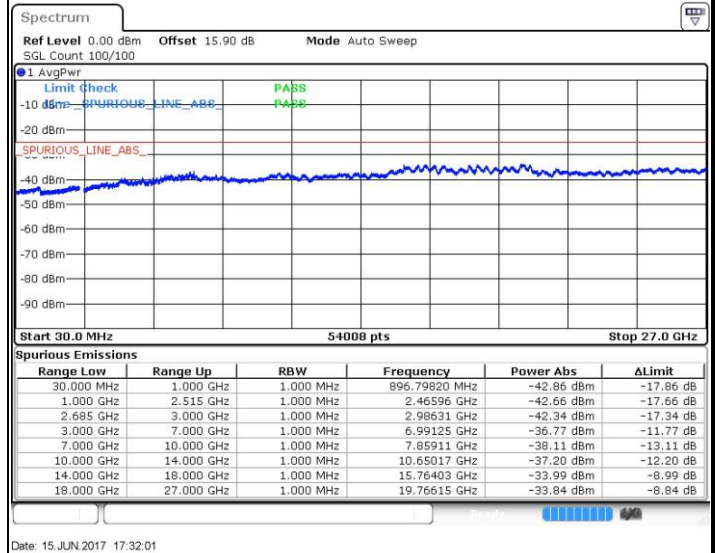
Lowest Channel / 64QAM



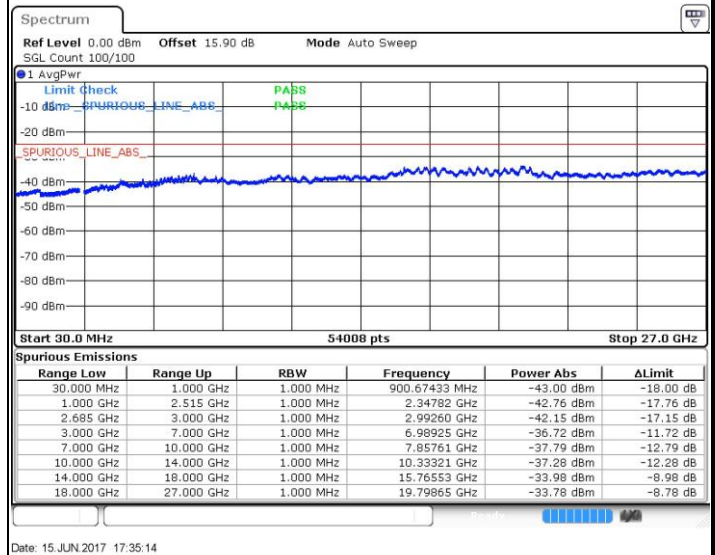


LTE Band 41 / 20MHz

Middle Channel / 64QAM



Highest Channel / 64QAM



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 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 = -1.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	21.12	0.1294	19.92	0.0982
Middle		3	1	21.02	0.1265	19.82	0.0959
Highest		3	1	21.19	0.1315	19.99	0.0998
Lowest	16QAM	1	3	20.41	0.1099	19.21	0.0834
Middle		1	3	20.37	0.1089	19.17	0.0826
Highest		1	3	20.47	0.1114	19.27	0.0845
Lowest	64QAM	1	3	19.27	0.0845	18.07	0.0641
Middle		1	3	19.18	0.0828	17.98	0.0628
Highest		1	3	19.34	0.0859	18.14	0.0652
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 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	8	21.09	0.1285	19.89	0.0975
Middle		1	8	20.96	0.1247	19.76	0.0946
Highest		1	8	21.15	0.1303	19.95	0.0989
Lowest	16QAM	1	0	20.43	0.1104	19.23	0.0838
Middle		1	0	20.38	0.1091	19.18	0.0828
Highest		1	0	20.53	0.1130	19.33	0.0857
Lowest	64QAM	1	0	19.27	0.0845	18.07	0.0641
Middle		1	0	19.23	0.0838	18.03	0.0635
Highest		1	0	19.38	0.0867	18.18	0.0658
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 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	21.18	0.1312	19.98	0.0995
Middle		1	0	21.07	0.1279	19.87	0.0971
Highest		1	0	21.23	0.1327	20.03	0.1007
Lowest	16QAM	1	0	20.48	0.1117	19.28	0.0847
Middle		1	0	20.48	0.1117	19.28	0.0847
Highest		1	0	20.61	0.1151	19.41	0.0873
Lowest	64QAM	1	0	19.37	0.0865	18.17	0.0656
Middle		1	0	19.29	0.0849	18.09	0.0644
Highest		1	0	19.45	0.0881	18.25	0.0668
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 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	0	21.43	0.1390	20.23	0.1054
Middle		1	0	21.32	0.1355	20.12	0.1028
Highest		1	0	21.30	0.1349	20.10	0.1023
Lowest	16QAM	1	0	20.75	0.1189	19.55	0.0902
Middle		1	0	20.71	0.1178	19.51	0.0893
Highest		1	0	20.67	0.1167	19.47	0.0885
Lowest	64QAM	1	0	19.65	0.0923	18.45	0.0700
Middle		1	0	19.58	0.0908	18.38	0.0689
Highest		1	0	19.54	0.0899	18.34	0.0682
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 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	0	21.33	0.1358	20.13	0.1030
Middle		1	0	21.26	0.1337	20.06	0.1014
Highest		1	0	21.44	0.1393	20.24	0.1057
Lowest	16QAM	1	0	20.65	0.1161	19.45	0.0881
Middle		1	0	20.59	0.1146	19.39	0.0869
Highest		1	0	20.77	0.1194	19.57	0.0906
Lowest	64QAM	1	0	19.28	0.0847	18.08	0.0643
Middle		1	0	19.19	0.0830	17.99	0.0630
Highest		1	0	19.40	0.0871	18.20	0.0661
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 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	0	21.53	0.1422	20.33	0.1079
Middle		1	0	21.45	0.1396	20.25	0.1059
Highest		1	0	21.41	0.1384	20.21	0.1050
Lowest	16QAM	1	0	20.83	0.1211	19.63	0.0918
Middle		1	0	20.80	0.1202	19.60	0.0912
Highest		1	0	20.70	0.1175	19.50	0.0891
Lowest	64QAM	1	49	19.31	0.0853	18.11	0.0647
Middle		1	49	19.23	0.0838	18.03	0.0635
Highest		1	49	19.46	0.0883	18.26	0.0670
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.34	0.1714	18.74	0.0748
Middle		1	3	22.19	0.1656	18.59	0.0723
Highest		1	3	22.05	0.1603	18.45	0.0700
Lowest	16QAM	1	3	21.41	0.1384	17.81	0.0604
Middle		1	3	21.42	0.1387	17.82	0.0605
Highest		1	3	21.28	0.1343	17.68	0.0586
Lowest	64QAM	1	3	20.55	0.1135	16.95	0.0495
Middle		1	3	20.37	0.1089	16.77	0.0475
Highest		1	3	20.24	0.1057	16.64	0.0461
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.42	0.1746	18.82	0.0762
Middle		1	0	22.26	0.1683	18.66	0.0735
Highest		1	0	22.08	0.1614	18.48	0.0705
Lowest	16QAM	1	8	21.54	0.1426	17.94	0.0622
Middle		1	8	21.42	0.1387	17.82	0.0605
Highest		1	8	21.33	0.1358	17.73	0.0593
Lowest	64QAM	1	0	20.57	0.1140	16.97	0.0498
Middle		1	0	20.42	0.1102	16.82	0.0481
Highest		1	0	20.29	0.1069	16.69	0.0467
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.37	0.1726	18.77	0.0753
Middle		1	0	22.29	0.1694	18.69	0.0740
Highest		1	0	22.14	0.1637	18.54	0.0714
Lowest	16QAM	1	12	21.52	0.1419	17.92	0.0619
Middle		1	12	21.46	0.1400	17.86	0.0611
Highest		1	12	21.35	0.1365	17.75	0.0596
Lowest	64QAM	1	0	20.54	0.1132	16.94	0.0494
Middle		1	0	20.46	0.1112	16.86	0.0485
Highest		1	0	20.32	0.1076	16.72	0.0470
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.40	0.1738	18.80	0.0759
Middle		1	0	22.32	0.1706	18.72	0.0745
Highest		1	0	22.22	0.1667	18.62	0.0728
Lowest	16QAM	1	0	21.57	0.1435	17.97	0.0627
Middle		1	0	21.44	0.1393	17.84	0.0608
Highest		1	0	21.47	0.1403	17.87	0.0612
Lowest	64QAM	1	0	20.56	0.1138	16.96	0.0497
Middle		1	0	20.52	0.1127	16.92	0.0492
Highest		1	0	20.42	0.1102	16.82	0.0481
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.53	0.1791	18.93	0.0782
Middle		1	0	22.39	0.1734	18.79	0.0757
Highest		1	0	22.35	0.1718	18.75	0.0750
Lowest	16QAM	1	0	21.62	0.1452	18.02	0.0634
Middle		1	0	21.65	0.1462	18.05	0.0638
Highest		1	0	21.66	0.1466	18.06	0.0640
Lowest	64QAM	1	0	20.75	0.1189	17.15	0.0519
Middle		1	0	20.62	0.1153	17.02	0.0504
Highest		1	0	20.59	0.1146	16.99	0.0500
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.55	0.1799	18.95	0.0785
Middle		1	0	22.50	0.1778	18.90	0.0776
Highest		1	0	22.43	0.1750	18.83	0.0764
Lowest	16QAM	1	0	21.77	0.1503	18.17	0.0656
Middle		1	0	21.67	0.1469	18.07	0.0641
Highest		1	0	21.65	0.1462	18.05	0.0638
Lowest	64QAM	1	0	20.80	0.1202	17.20	0.0525
Middle		1	0	20.65	0.1161	17.05	0.0507
Highest		1	0	20.65	0.1161	17.05	0.0507
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	23.26	0.2118	18.51	0.0710
Middle		3	1	22.75	0.1884	18.00	0.0631
Highest		3	1	23.24	0.2109	18.49	0.0706
Lowest	16QAM	1	3	22.54	0.1795	17.79	0.0601
Middle		1	3	21.96	0.1570	17.21	0.0526
Highest		1	3	22.35	0.1718	17.60	0.0575
Lowest	64QAM	1	3	21.42	0.1387	16.67	0.0465
Middle		1	3	20.90	0.1230	16.15	0.0412
Highest		1	3	21.41	0.1384	16.66	0.0463
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.22	0.2099	18.47	0.0703
Middle		1	0	22.65	0.1841	17.90	0.0617
Highest		1	0	23.17	0.2075	18.42	0.0695
Lowest	16QAM	1	0	22.57	0.1807	17.82	0.0605
Middle		1	0	21.88	0.1542	17.13	0.0516
Highest		1	0	22.37	0.1726	17.62	0.0578
Lowest	64QAM	1	0	21.42	0.1387	16.67	0.0465
Middle		1	0	20.84	0.1213	16.09	0.0406
Highest		1	0	21.38	0.1374	16.63	0.0460
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.26	0.2118	18.51	0.0710
Middle		1	0	22.66	0.1845	17.91	0.0618
Highest		1	0	23.12	0.2051	18.37	0.0687
Lowest	16QAM	1	0	22.59	0.1816	17.84	0.0608
Middle		1	0	21.92	0.1556	17.17	0.0521
Highest		1	0	22.47	0.1766	17.72	0.0592
Lowest	64QAM	1	0	21.47	0.1403	16.72	0.0470
Middle		1	0	20.86	0.1219	16.11	0.0408
Highest		1	0	21.33	0.1358	16.58	0.0455
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.28	0.2128	18.53	0.0713
Middle		1	0	22.95	0.1972	18.20	0.0661
Highest		1	0	23.20	0.2089	18.45	0.0700
Lowest	16QAM	1	0	22.60	0.1820	17.85	0.0610
Middle		1	0	22.15	0.1641	17.40	0.0550
Highest		1	0	22.24	0.1675	17.49	0.0561
Lowest	64QAM	1	0	21.49	0.1409	16.74	0.0472
Middle		1	0	21.05	0.1274	16.30	0.0427
Highest		1	0	21.13	0.1297	16.38	0.0435
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -1.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.76	0.1888	20.86	0.1219
Middle		1	12	22.44	0.1754	20.54	0.1132
Highest		1	12	22.74	0.1879	20.84	0.1213
Lowest	16QAM	1	12	22.01	0.1589	20.11	0.1026
Middle		1	12	21.72	0.1486	19.82	0.0959
Highest		1	12	22.00	0.1585	20.10	0.1023
Lowest	64QAM	1	12	20.96	0.1247	19.06	0.0805
Middle		1	12	20.64	0.1159	18.74	0.0748
Highest		1	12	20.95	0.1245	19.05	0.0804
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -1.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.77	0.1892	20.87	0.1222
Middle		1	0	22.57	0.1807	20.67	0.1167
Highest		1	0	22.74	0.1879	20.84	0.1213
Lowest	16QAM	1	0	22.00	0.1585	20.10	0.1023
Middle		1	0	21.83	0.1524	19.93	0.0984
Highest		1	0	21.96	0.1570	20.06	0.1014
Lowest	64QAM	1	0	20.95	0.1245	19.05	0.0804
Middle		1	0	20.75	0.1189	18.85	0.0767
Highest		1	0	20.89	0.1227	18.99	0.0793
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -1.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.80	0.1905	20.90	0.1230
Middle		1	0	22.59	0.1816	20.69	0.1172
Highest		1	0	22.71	0.1866	20.81	0.1205
Lowest	16QAM	1	0	22.06	0.1607	20.16	0.1038
Middle		1	0	21.88	0.1542	19.98	0.0995
Highest		1	0	21.98	0.1578	20.08	0.1019
Lowest	64QAM	1	0	21.01	0.1262	19.11	0.0815
Middle		1	0	20.83	0.1211	18.93	0.0782
Highest		1	0	20.96	0.1247	19.06	0.0805
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -1.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.82	0.1914	20.92	0.1236
Middle		1	0	22.59	0.1816	20.69	0.1172
Highest		1	0	22.75	0.1884	20.85	0.1216
Lowest	16QAM	1	0	22.03	0.1596	20.13	0.1030
Middle		1	0	21.84	0.1528	19.94	0.0986
Highest		1	0	21.97	0.1574	20.07	0.1016
Lowest	64QAM	1	0	21.03	0.1268	19.13	0.0818
Middle		1	0	20.83	0.1211	18.93	0.0782
Highest		1	0	20.92	0.1236	19.02	0.0798
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	23.04	0.2014	15.79	0.0379
Middle		3	3	22.82	0.1914	15.57	0.0361
Highest		3	3	23.43	0.2203	16.18	0.0415
Lowest	16QAM	1	3	22.26	0.1683	15.01	0.0317
Middle		1	3	22.11	0.1626	14.86	0.0306
Highest		1	3	22.51	0.1782	15.26	0.0336
Lowest	64QAM	1	3	21.22	0.1324	13.97	0.0249
Middle		1	3	21.02	0.1265	13.77	0.0238
Highest		1	3	21.61	0.1449	14.36	0.0273
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	23.04	0.2014	15.79	0.0379
Middle		1	14	22.92	0.1959	15.67	0.0369
Highest		1	14	23.43	0.2203	16.18	0.0415
Lowest	16QAM	1	14	22.14	0.1637	14.89	0.0308
Middle		1	14	22.19	0.1656	14.94	0.0312
Highest		1	14	22.54	0.1795	15.29	0.0338
Lowest	64QAM	1	14	21.17	0.1309	13.92	0.0247
Middle		1	14	21.15	0.1303	13.90	0.0245
Highest		1	14	21.61	0.1449	14.36	0.0273
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.94	0.1968	15.69	0.0371
Middle		1	24	22.94	0.1968	15.69	0.0371
Highest		1	24	23.46	0.2218	16.21	0.0418
Lowest	16QAM	1	24	22.06	0.1607	14.81	0.0303
Middle		1	24	22.22	0.1667	14.97	0.0314
Highest		1	24	22.55	0.1799	15.30	0.0339
Lowest	64QAM	1	24	21.06	0.1276	13.81	0.0240
Middle		1	24	21.16	0.1306	13.91	0.0246
Highest		1	24	21.56	0.1432	14.31	0.0270
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	23.06	0.2023	15.81	0.0381
Middle		1	49	23.10	0.2042	15.85	0.0385
Highest		1	49	23.47	0.2223	16.22	0.0419
Lowest	16QAM	1	49	22.14	0.1637	14.89	0.0308
Middle		1	49	22.32	0.1706	15.07	0.0321
Highest		1	49	22.53	0.1791	15.28	0.0337
Lowest	64QAM	1	49	21.06	0.1276	13.81	0.0240
Middle		1	49	21.30	0.1349	14.05	0.0254
Highest		1	49	21.59	0.1442	14.34	0.0272
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	22.89	0.1945	15.64	0.0366
Middle		1	24	23.13	0.2056	15.88	0.0387
Highest		1	24	23.33	0.2153	16.08	0.0406
Lowest	16QAM	1	24	22.16	0.1644	14.91	0.0310
Middle		1	24	22.30	0.1698	15.05	0.0320
Highest		1	24	22.44	0.1754	15.19	0.0330
Lowest	64QAM	1	24	21.11	0.1291	13.86	0.0243
Middle		1	24	21.31	0.1352	14.06	0.0255
Highest		1	24	21.50	0.1413	14.25	0.0266
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -5.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	23.25	0.2113	16.00	0.0398
Middle		1	49	23.35	0.2163	16.10	0.0407
Highest		1	49	23.33	0.2153	16.08	0.0406
Lowest	16QAM	1	49	22.36	0.1722	15.11	0.0324
Middle		1	49	22.41	0.1742	15.16	0.0328
Highest		1	49	22.45	0.1758	15.20	0.0331
Lowest	64QAM	1	49	21.41	0.1384	14.16	0.0261
Middle		1	49	21.48	0.1406	14.23	0.0265
Highest		1	49	21.45	0.1396	14.20	0.0263
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.01	0.2000	20.31	0.1074
Middle		1	0	22.80	0.1905	20.10	0.1023
Highest		1	0	22.97	0.1982	20.27	0.1064
Lowest	16QAM	1	24	22.30	0.1698	19.60	0.0912
Middle		1	24	22.33	0.1710	19.63	0.0918
Highest		1	24	22.33	0.1710	19.63	0.0918
Lowest	64QAM	1	12	21.16	0.1306	18.46	0.0701
Middle		1	12	21.14	0.1300	18.44	0.0698
Highest		1	12	21.26	0.1337	18.56	0.0718
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.04	0.2014	20.34	0.1081
Middle		1	25	22.97	0.1982	20.27	0.1064
Highest		1	25	23.00	0.1995	20.30	0.1072
Lowest	16QAM	1	0	22.28	0.1690	19.58	0.0908
Middle		1	0	22.34	0.1714	19.64	0.0920
Highest		1	0	22.36	0.1722	19.66	0.0925
Lowest	64QAM	1	0	21.19	0.1315	18.49	0.0706
Middle		1	0	21.13	0.1297	18.43	0.0697
Highest		1	0	21.27	0.1340	18.57	0.0719
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.11	0.2046	20.41	0.1099
Middle		1	0	23.04	0.2014	20.34	0.1081
Highest		1	0	23.10	0.2042	20.40	0.1096
Lowest	16QAM	1	0	22.35	0.1718	19.65	0.0923
Middle		1	0	22.38	0.1730	19.68	0.0929
Highest		1	0	22.37	0.1726	19.67	0.0927
Lowest	64QAM	1	0	21.24	0.1330	18.54	0.0714
Middle		1	0	21.17	0.1309	18.47	0.0703
Highest		1	0	21.35	0.1365	18.65	0.0733
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.08	0.2032	20.38	0.1091
Middle		1	0	22.90	0.1950	20.20	0.1047
Highest		1	0	23.14	0.2061	20.44	0.1107
Lowest	16QAM	1	0	22.33	0.1710	19.63	0.0918
Middle		1	0	22.29	0.1694	19.59	0.0910
Highest		1	0	22.36	0.1722	19.66	0.0925
Lowest	64QAM	1	0	21.30	0.1349	18.60	0.0724
Middle		1	0	21.08	0.1282	18.38	0.0689
Highest		1	0	21.25	0.1334	18.55	0.0716
Limit	EIRP < 2W			Result		PASS	



LTE Band 26 / 1.4MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	22.86	0.1932	18.11	0.0647
Middle		3	0	22.49	0.1774	17.74	0.0594
Highest		3	0	23.03	0.2009	18.28	0.0673
Lowest	16QAM	1	3	22.13	0.1633	17.38	0.0547
Middle		1	3	21.82	0.1521	17.07	0.0509
Highest		1	3	22.18	0.1652	17.43	0.0553
Lowest	64QAM	1	3	21.04	0.1271	16.29	0.0426
Middle		1	3	20.70	0.1175	15.95	0.0394
Highest		1	3	21.24	0.1330	16.49	0.0446
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 3MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.87	0.1936	18.12	0.0649
Middle		1	0	22.52	0.1786	17.77	0.0598
Highest		1	0	23.05	0.2018	18.30	0.0676
Lowest	16QAM	1	0	22.14	0.1637	17.39	0.0548
Middle		1	0	21.87	0.1538	17.12	0.0515
Highest		1	0	22.30	0.1698	17.55	0.0569
Lowest	64QAM	1	0	21.07	0.1279	16.32	0.0429
Middle		1	0	20.73	0.1183	15.98	0.0396
Highest		1	0	21.28	0.1343	16.53	0.0450
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 5MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.88	0.1941	18.13	0.0650
Middle		1	0	22.55	0.1799	17.80	0.0603
Highest		1	0	23.05	0.2018	18.30	0.0676
Lowest	16QAM	1	0	22.18	0.1652	17.43	0.0553
Middle		1	0	21.91	0.1552	17.16	0.0520
Highest		1	0	22.42	0.1746	17.67	0.0585
Lowest	64QAM	1	12	21.05	0.1274	16.30	0.0427
Middle		1	12	20.70	0.1175	15.95	0.0394
Highest		1	12	21.27	0.1340	16.52	0.0449
Limit	ERP < 7W			Result		PASS	



LTE Band 26 / 10MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	22.82	0.1914	18.07	0.0641
Middle		1	25	22.51	0.1782	17.76	0.0597
Highest		1	25	23.02	0.2004	18.27	0.0671
Lowest	16QAM	1	25	22.08	0.1614	17.33	0.0541
Middle		1	25	21.83	0.1524	17.08	0.0511
Highest		1	25	22.37	0.1726	17.62	0.0578
Lowest	64QAM	1	25	21.01	0.1262	16.26	0.0423
Middle		1	25	20.74	0.1186	15.99	0.0397
Highest		1	25	21.28	0.1343	16.53	0.0450
Limit	ERP < 7W			Result		PASS	

LTE Band 26 / 15MHz (Average) (GT - LC = -2.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.06	0.2023	18.31	0.0678
Middle		1	0	22.91	0.1954	18.16	0.0655
Highest		1	0	22.94	0.1968	18.19	0.0659
Lowest	16QAM	1	37	22.14	0.1637	17.39	0.0548
Middle		1	37	21.90	0.1549	17.15	0.0519
Highest		1	37	22.38	0.1730	17.63	0.0579
Lowest	64QAM	1	37	21.04	0.1271	16.29	0.0426
Middle		1	37	20.81	0.1205	16.06	0.0404
Highest		1	37	21.28	0.1343	16.53	0.0450
Limit	ERP < 7W			Result		PASS	



LTE Band 38 / 5MHz (Peak) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.59	0.1816	19.89	0.0975
Middle		1	0	23.14	0.2061	20.44	0.1107
Highest		1	0	23.57	0.2275	20.87	0.1222
Lowest	16QAM	1	24	21.72	0.1486	19.02	0.0798
Middle		1	24	22.20	0.1660	19.50	0.0891
Highest		1	24	22.64	0.1837	19.94	0.0986
Lowest	64QAM	1	24	20.41	0.1099	17.71	0.0590
Middle		1	24	20.86	0.1219	18.16	0.0655
Highest		1	24	21.41	0.1384	18.71	0.0743
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz (Peak) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.71	0.1866	20.01	0.1002
Middle		1	0	23.20	0.2089	20.50	0.1122
Highest		1	0	23.59	0.2286	20.89	0.1227
Lowest	16QAM	1	49	21.95	0.1567	19.25	0.0841
Middle		1	49	22.36	0.1722	19.66	0.0925
Highest		1	49	22.68	0.1854	19.98	0.0995
Lowest	64QAM	1	49	20.61	0.1151	17.91	0.0618
Middle		1	49	21.03	0.1268	18.33	0.0681
Highest		1	49	21.45	0.1396	18.75	0.0750
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 15MHz (Peak) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	22.84	0.1923	20.14	0.1033
Middle		1	74	23.28	0.2128	20.58	0.1143
Highest		1	74	23.60	0.2291	20.90	0.1230
Lowest	16QAM	1	74	21.94	0.1563	19.24	0.0839
Middle		1	74	22.36	0.1722	19.66	0.0925
Highest		1	74	22.68	0.1854	19.98	0.0995
Lowest	64QAM	1	74	20.69	0.1172	17.99	0.0630
Middle		1	74	21.09	0.1285	18.39	0.0690
Highest		1	74	21.46	0.1400	18.76	0.0752
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 20MHz (Peak) (GT - LC = -2.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.98	0.1986	20.28	0.1067
Middle		1	0	23.28	0.2128	20.58	0.1143
Highest		1	0	23.64	0.2312	20.94	0.1242
Lowest	16QAM	1	99	22.09	0.1618	19.39	0.0869
Middle		1	99	22.37	0.1726	19.67	0.0927
Highest		1	99	22.68	0.1854	19.98	0.0995
Lowest	64QAM	1	99	20.74	0.1186	18.04	0.0637
Middle		1	99	21.10	0.1288	18.40	0.0692
Highest		1	99	21.40	0.1380	18.70	0.0741
Limit	EIRP < 2W			Result		PASS	

**Radiated Spurious Emission**

<For Bottom Ant.>

LTE Band 2

LTE Band 2 / 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	3700.32	-59.74	-13	-46.74	-73.36	-67.32	5.02	12.60	H
	5550.48	-61.30	-13	-48.30	-77.90	-67.10	7.3	13.10	H
	7400.64	-58.49	-13	-45.49	-78.47	-62.06	7.73	11.30	H
	3700.32	-59.78	-13	-46.78	-74.11	-67.36	5.02	12.6	V
	5550.48	-61.76	-13	-48.76	-78.29	-67.56	7.3	13.1	V
	7400.64	-58.49	-13	-45.49	-78.13	-62.06	7.73	11.3	V
Middle	3758.92	-62.58	-13	-49.58	-76.20	-70.16	5.02	12.60	H
	5638.38	-61.84	-13	-48.84	-78.44	-67.64	7.3	13.10	H
	7517.84	-59.24	-13	-46.24	-79.22	-62.81	7.73	11.30	H
	3758.92	-60.78	-13	-47.78	-75.11	-68.36	5.02	12.6	V
	5638.38	-62.28	-13	-49.28	-78.81	-68.08	7.3	13.1	V
	7517.84	-59.44	-13	-46.44	-79.08	-63.01	7.73	11.3	V
Highest	3817.52	-59.36	-13	-46.36	-72.98	-66.94	5.02	12.60	H
	5726.28	-61.67	-13	-48.67	-78.27	-67.47	7.3	13.10	H
	7635.04	-58.11	-13	-45.11	-78.09	-61.68	7.73	11.30	H
	3817.52	-60.27	-13	-47.27	-74.6	-67.85	5.02	12.6	V
	5726.28	-62.09	-13	-49.09	-78.62	-67.89	7.3	13.1	V
	7635.04	-58.37	-13	-45.37	-78.01	-61.94	7.73	11.3	V

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



LTE Band 2 / 3MHz / 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	3700.48	-60.23	-13	-47.23	-73.85	-67.81	5.02	12.60	H
	5550.72	-52.43	-13	-39.43	-69.03	-58.23	7.3	13.10	H
	7400.96	-58.67	-13	-45.67	-78.65	-62.24	7.73	11.30	H
	3700.48	-60.45	-13	-47.45	-74.78	-68.03	5.02	12.6	V
	5550.72	-54.45	-13	-41.45	-70.98	-60.25	7.3	13.1	V
	7400.96	-59.02	-13	-46.02	-78.66	-62.59	7.73	11.3	V
Middle	3757.48	-62.38	-13	-49.38	-76.00	-69.96	5.02	12.60	H
	5636.22	-62.14	-13	-49.14	-78.74	-67.94	7.3	13.10	H
	7514.96	-59.22	-13	-46.22	-79.20	-62.79	7.73	11.30	H
	3757.48	-60.56	-13	-47.56	-74.89	-68.14	5.02	12.6	V
	5636.22	-58.65	-13	-45.65	-75.18	-64.45	7.3	13.1	V
	7514.96	-59.56	-13	-46.56	-79.2	-63.13	7.73	11.3	V
Highest	3814.48	-61.00	-13	-48.00	-74.62	-68.58	5.02	12.60	H
	5721.72	-61.99	-13	-48.99	-78.59	-67.79	7.3	13.10	H
	7628.96	-58.19	-13	-45.19	-78.17	-61.76	7.73	11.30	H
	3814.48	-61.20	-13	-48.20	-75.53	-68.78	5.02	12.6	V
	5721.72	-62.19	-13	-49.19	-78.72	-67.99	7.3	13.1	V
	7628.96	-58.68	-13	-45.68	-78.32	-62.25	7.73	11.3	V

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



LTE Band 2 / 5MHz / 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	3700.68	-60.50	-13	-47.50	-74.12	-68.08	5.02	12.60	H
	5551.02	-61.44	-13	-48.44	-78.04	-67.24	7.3	13.10	H
	7401.36	-58.38	-13	-45.38	-78.36	-61.95	7.73	11.30	H
	3700.68	-60.34	-13	-47.34	-74.67	-67.92	5.02	12.6	V
	5551.02	-61.48	-13	-48.48	-78.01	-67.28	7.3	13.1	V
	7401.36	-59.03	-13	-46.03	-78.67	-62.60	7.73	11.3	V
Middle	3755.68	-61.75	-13	-48.75	-75.37	-69.33	5.02	12.60	H
	5633.52	-61.58	-13	-48.58	-78.18	-67.38	7.3	13.10	H
	7511.36	-59.18	-13	-46.18	-79.16	-62.75	7.73	11.30	H
	3755.68	-60.41	-13	-47.41	-74.74	-67.99	5.02	12.6	V
	5633.52	-61.00	-13	-48.00	-77.53	-66.80	7.3	13.1	V
	7511.36	-59.59	-13	-46.59	-79.23	-63.16	7.73	11.3	V
Highest	3814.48	-60.91	-13	-47.91	-74.53	-68.49	5.02	12.60	H
	5721.72	-61.91	-13	-48.91	-78.51	-67.71	7.3	13.10	H
	7628.96	-58.13	-13	-45.13	-78.11	-61.70	7.73	11.30	H
	3814.48	-60.99	-13	-47.99	-75.32	-68.57	5.02	12.6	V
	5721.72	-62.02	-13	-49.02	-78.55	-67.82	7.3	13.1	V
	7628.96	-58.77	-13	-45.77	-78.41	-62.34	7.73	11.3	V

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



LTE Band 2 / 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	3701.18	-59.78	-13	-46.78	-73.40	-67.36	5.02	12.60	H
	5551.77	-58.40	-13	-45.40	-75.00	-64.20	7.3	13.10	H
	7402.36	-58.60	-13	-45.60	-78.58	-62.17	7.73	11.30	H
	3701.18	-59.10	-13	-46.10	-73.43	-66.68	5.02	12.6	V
	5551.77	-60.80	-13	-47.80	-77.33	-66.60	7.3	13.1	V
	7402.36	-58.83	-13	-45.83	-78.47	-62.40	7.73	11.3	V
Middle	3751.18	-61.74	-13	-48.74	-75.36	-69.32	5.02	12.60	H
	5626.77	-61.90	-13	-48.90	-78.50	-67.70	7.3	13.10	H
	7502	-59.18	-13	-46.18	-79.16	-62.75	7.73	11.30	H
	3751.18	-61.20	-13	-48.20	-75.53	-68.78	5.02	12.6	V
	5626.77	-60.66	-13	-47.66	-77.19	-66.46	7.3	13.1	V
	7502	-59.43	-13	-46.43	-79.07	-63.00	7.73	11.3	V
Highest	3801.18	-61.06	-13	-48.06	-74.68	-68.64	5.02	12.60	H
	5701.77	-56.28	-13	-43.28	-72.88	-62.08	7.3	13.10	H
	7602.36	-58.26	-13	-45.26	-78.24	-61.83	7.73	11.30	H
	3801.18	-61.58	-13	-48.58	-75.91	-69.16	5.02	12.6	V
	5701.77	-61.50	-13	-48.50	-78.03	-67.30	7.3	13.1	V
	7602.36	-58.74	-13	-45.74	-78.38	-62.31	7.73	11.3	V

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



LTE Band 2 / 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	3701.68	-59.50	-13	-46.50	-73.12	-67.08	5.02	12.60	H
	5552.52	-60.48	-13	-47.48	-77.08	-66.28	7.3	13.10	H
	7403.36	-58.50	-13	-45.50	-78.48	-62.07	7.73	11.30	H
	3701.68	-60.07	-13	-47.07	-74.4	-67.65	5.02	12.6	V
	5552.52	-61.85	-13	-48.85	-78.38	-67.65	7.3	13.1	V
	7403.36	-59.02	-13	-46.02	-78.66	-62.59	7.73	11.3	V
Middle	3746.68	-61.35	-13	-48.35	-74.97	-68.93	5.02	12.60	H
	5620.02	-62.21	-13	-49.21	-78.81	-68.01	7.3	13.10	H
	7493.36	-59.31	-13	-46.31	-79.29	-62.88	7.73	11.30	H
	3746.68	-59.81	-13	-46.81	-74.14	-67.39	5.02	12.6	V
	5620.02	-58.59	-13	-45.59	-75.12	-64.39	7.3	13.1	V
	7493.36	-59.51	-13	-46.51	-79.15	-63.08	7.73	11.3	V
Highest	3791.68	-59.47	-13	-46.47	-73.09	-67.05	5.02	12.60	H
	5687.52	-60.34	-13	-47.34	-76.94	-66.14	7.3	13.10	H
	7583.36	-58.22	-13	-45.22	-78.20	-61.79	7.73	11.30	H
	3791.68	-59.03	-13	-46.03	-73.36	-66.61	5.02	12.6	V
	5687.52	-61.40	-13	-48.40	-77.93	-67.20	7.3	13.1	V
	7583.36	-58.69	-13	-45.69	-78.33	-62.26	7.73	11.3	V

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



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	3702.18	-59.34	-13	-46.34	-72.96	-66.92	5.02	12.60	H
	5553.27	-59.75	-13	-46.75	-76.35	-65.55	7.3	13.10	H
	7404.36	-58.63	-13	-45.63	-78.61	-62.20	7.73	11.30	H
	3702.18	-60.59	-13	-47.59	-74.92	-68.17	5.02	12.6	V
	5553.27	-61.74	-13	-48.74	-78.27	-67.54	7.3	13.1	V
	7404.36	-58.98	-13	-45.98	-78.62	-62.55	7.73	11.3	V
Middle	3742.18	-61.65	-13	-48.65	-75.27	-69.23	5.02	12.60	H
	5613.27	-61.05	-13	-48.05	-77.65	-66.85	7.3	13.10	H
	7484.36	-59.11	-13	-46.11	-79.09	-62.68	7.73	11.30	H
	3742.18	-60.87	-13	-47.87	-75.2	-68.45	5.02	12.6	V
	5613.27	-60.69	-13	-47.69	-77.22	-66.49	7.3	13.1	V
	7484.36	-59.46	-13	-46.46	-79.1	-63.03	7.73	11.3	V
Highest	3782.18	-59.99	-13	-46.99	-73.61	-67.57	5.02	12.60	H
	5673.27	-61.19	-13	-48.19	-77.79	-66.99	7.3	13.10	H
	7564.36	-58.24	-13	-45.24	-78.22	-61.81	7.73	11.30	H
	3782.18	-59.41	-13	-46.41	-73.74	-66.99	5.02	12.6	V
	5673.27	-61.79	-13	-48.79	-78.32	-67.59	7.3	13.1	V
	7564.36	-58.75	-13	-45.75	-78.39	-62.32	7.73	11.3	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	3420.14	-60.57	-13	-47.57	-74.27	-68.54	4.63	12.60	H
	5130.21	-60.63	-13	-47.63	-78.56	-67.08	6.25	12.70	H
	6840.28	-59.57	-13	-46.57	-79.19	-64.34	8.23	13.00	H
	3420.14	-60.72	-13	-47.72	-72.13	-68.69	4.63	12.6	V
	5130.21	-65.11	-13	-52.11	-78.72	-71.56	6.25	12.7	V
	6840.28	-60.61	-13	-47.61	-79.73	-65.38	8.23	13	V
Middle	3463.74	-62.32	-13	-49.32	-76.02	-70.29	4.63	12.60	H
	5195.61	-60.89	-13	-47.89	-78.82	-67.34	6.25	12.70	H
	6927.48	-59.54	-13	-46.54	-79.16	-64.31	8.23	13.00	H
	3463.74	-64.15	-13	-51.15	-75.56	-72.12	4.63	12.6	V
	5195.61	-65.17	-13	-52.17	-78.78	-71.62	6.25	12.7	V
	6927.48	-59.93	-13	-46.93	-79.05	-64.70	8.23	13	V
Highest	3507.34	-59.86	-13	-46.86	-73.56	-67.83	4.63	12.60	H
	5261.01	-58.74	-13	-45.74	-76.67	-65.19	6.25	12.70	H
	7014.68	-59.43	-13	-46.43	-79.05	-64.20	8.23	13.00	H
	3507.34	-60.09	-13	-47.09	-71.5	-68.06	4.63	12.6	V
	5261.01	-65.34	-13	-52.34	-78.95	-71.79	6.25	12.7	V
	7014.68	-59.84	-13	-46.84	-78.96	-64.61	8.23	13	V

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



LTE Band 4 / 3MHz / 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	3420.48	-59.60	-13	-46.60	-73.30	-67.57	4.63	12.60	H
	5130.72	-56.26	-13	-43.26	-74.19	-62.71	6.25	12.70	H
	6840.96	-59.48	-13	-46.48	-79.10	-64.25	8.23	13.00	H
	3420.48	-59.70	-13	-46.70	-71.11	-67.67	4.63	12.6	V
	5130.72	-65.01	-13	-52.01	-78.62	-71.46	6.25	12.7	V
	6840.96	-59.89	-13	-46.89	-79.01	-64.66	8.23	13	V
Middle	3462.48	-58.81	-13	-45.81	-72.51	-66.78	4.63	12.60	H
	5193.72	-61.00	-13	-48.00	-78.93	-67.45	6.25	12.70	H
	6924.96	-59.50	-13	-46.50	-79.12	-64.27	8.23	13.00	H
	3462.48	-59.93	-13	-46.93	-71.34	-67.90	4.63	12.6	V
	5193.72	-65.16	-13	-52.16	-78.77	-71.61	6.25	12.7	V
	6924.96	-60.26	-13	-47.26	-79.38	-65.03	8.23	13	V
Highest	3504.3	-55.19	-13	-42.19	-73.12	-63.16	4.63	12.60	H
	5256.45	-64.53	-13	-51.53	-78.23	-70.98	6.25	12.70	H
	7008.6	-59.56	-13	-46.56	-79.18	-64.33	8.23	13.00	H
	3504.3	-58.16	-13	-45.16	-71.77	-66.13	4.63	12.6	V
	5256.45	-67.74	-13	-54.74	-79.15	-74.19	6.25	12.7	V
	7008.6	-59.78	-13	-46.78	-78.9	-64.55	8.23	13	V

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



LTE Band 4 / 5MHz / 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	3420.68	-59.26	-13	-46.26	-72.96	-67.23	4.63	12.60	H
	5131.02	-59.99	-13	-46.99	-77.92	-66.44	6.25	12.70	H
	6841.36	-59.27	-13	-46.27	-78.89	-64.04	8.23	13.00	H
	3420.68	-60.69	-13	-47.69	-72.1	-68.66	4.63	12.6	V
	5131.02	-65.14	-13	-52.14	-78.75	-71.59	6.25	12.7	V
	6841.36	-60.20	-13	-47.20	-79.32	-64.97	8.23	13	V
Middle	3460.68	-63.22	-13	-50.22	-76.92	-71.19	4.63	12.60	H
	5191.02	-61.10	-13	-48.10	-79.03	-67.55	6.25	12.70	H
	6921.36	-59.28	-13	-46.28	-78.90	-64.05	8.23	13.00	H
	3460.68	-65.53	-13	-52.53	-76.94	-73.50	4.63	12.6	V
	5191.02	-65.77	-13	-52.77	-79.38	-72.22	6.25	12.7	V
	6921.36	-59.84	-13	-46.84	-78.96	-64.61	8.23	13	V
Highest	3500.5	-60.60	-13	-47.60	-74.30	-68.57	4.63	12.60	H
	5250.75	-60.71	-13	-47.71	-78.64	-67.16	6.25	12.70	H
	7001	-59.60	-13	-46.60	-79.22	-64.37	8.23	13.00	H
	3500.5	-61.27	-13	-48.27	-72.68	-69.24	4.63	12.6	V
	5250.75	-65.60	-13	-52.60	-79.21	-72.05	6.25	12.7	V
	7001	-60.20	-13	-47.20	-79.32	-64.97	8.23	13	V

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



LTE Band 4 / 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	3421.18	-60.59	-13	-47.59	-74.29	-68.56	4.63	12.60	H
	5131.77	-56.99	-13	-43.99	-74.92	-63.44	6.25	12.70	H
	6842.36	-59.29	-13	-46.29	-78.91	-64.06	8.23	13.00	H
	3421.18	-61.00	-13	-48.00	-72.41	-68.97	4.63	12.6	V
	5131.77	-65.30	-13	-52.30	-78.91	-71.75	6.25	12.7	V
	6842.36	-60.12	-13	-47.12	-79.24	-64.89	8.23	13	V
Middle	3456.18	-61.10	-13	-48.10	-74.80	-69.07	4.63	12.60	H
	5184.27	-61.09	-13	-48.09	-79.02	-67.54	6.25	12.70	H
	6912.36	-59.72	-13	-46.72	-79.34	-64.49	8.23	13.00	H
	3456.18	-62.77	-13	-49.77	-74.18	-70.74	4.63	12.6	V
	5184.27	-65.63	-13	-52.63	-79.24	-72.08	6.25	12.7	V
	6912.36	-60.28	-13	-47.28	-79.4	-65.05	8.23	13	V
Highest	3491.18	-62.40	-13	-49.40	-76.10	-70.37	4.63	12.60	H
	5236.77	-61.12	-13	-48.12	-79.05	-67.57	6.25	12.70	H
	6982.36	-59.46	-13	-46.46	-79.08	-64.23	8.23	13.00	H
	3491.18	-62.02	-13	-49.02	-73.43	-69.99	4.63	12.6	V
	5236.77	-60.51	-13	-47.51	-74.12	-66.96	6.25	12.7	V
	6982.36	-59.72	-13	-46.72	-78.84	-64.49	8.23	13	V

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



LTE Band 4 / 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	3421.68	-60.59	-13	-47.59	-74.29	-68.56	4.63	12.60	H
	5132.52	-57.87	-13	-44.87	-75.80	-64.32	6.25	12.70	H
	6843.36	-59.64	-13	-46.64	-79.26	-64.41	8.23	13.00	H
	3421.68	-61.01	-13	-48.01	-72.42	-68.98	4.63	12.6	V
	5132.52	-64.95	-13	-51.95	-78.56	-71.40	6.25	12.7	V
	6843.36	-60.30	-13	-47.30	-79.42	-65.07	8.23	13	V
Middle	3451.68	-60.04	-13	-47.04	-73.74	-68.01	4.63	12.60	H
	5177.52	-60.81	-13	-47.81	-78.74	-67.26	6.25	12.70	H
	6903.36	-59.76	-13	-46.76	-79.38	-64.53	8.23	13.00	H
	3451.68	-60.44	-13	-47.44	-71.85	-68.41	4.63	12.6	V
	5177.52	-65.20	-13	-52.20	-78.81	-71.65	6.25	12.7	V
	6903.36	-60.26	-13	-47.26	-79.38	-65.03	8.23	13	V
Highest	3481.68	-61.83	-13	-48.83	-75.53	-69.80	4.63	12.60	H
	5222.52	-61.37	-13	-48.37	-79.30	-67.82	6.25	12.70	H
	6963.36	-59.56	-13	-46.56	-79.18	-64.33	8.23	13.00	H
	3481.68	-61.78	-13	-48.78	-73.19	-69.75	4.63	12.6	V
	5222.52	-65.62	-13	-52.62	-79.23	-72.07	6.25	12.7	V
	6963.36	-60.08	-13	-47.08	-79.2	-64.85	8.23	13	V

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



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	3447.18	-60.61	-13	-47.61	-74.31	-68.58	4.63	12.60	H
	5170.77	-61.25	-13	-48.25	-79.18	-67.70	6.25	12.70	H
	6894.36	-59.67	-13	-46.67	-79.29	-64.44	8.23	13.00	H
	3447.18	-60.80	-13	-47.80	-72.21	-68.77	4.63	12.6	V
	5170.77	-65.37	-13	-52.37	-78.98	-71.82	6.25	12.7	V
	6894.36	-60.36	-13	-47.36	-79.48	-65.13	8.23	13	V
Middle	3447.18	-60.61	-13	-47.61	-74.31	-68.58	4.63	12.60	H
	5170.77	-61.25	-13	-48.25	-79.18	-67.70	6.25	12.70	H
	6894.36	-59.67	-13	-46.67	-79.29	-64.44	8.23	13.00	H
	3447.18	-60.80	-13	-47.80	-72.21	-68.77	4.63	12.6	V
	5170.77	-65.37	-13	-52.37	-78.98	-71.82	6.25	12.7	V
	6894.36	-60.36	-13	-47.36	-79.48	-65.13	8.23	13	V
Highest	3472.18	-57.76	-13	-44.76	-71.46	-65.73	4.63	12.60	H
	5208.27	-60.72	-13	-47.72	-78.65	-67.17	6.25	12.70	H
	6944.36	-59.92	-13	-46.92	-79.54	-64.69	8.23	13.00	H
	3472.18	-61.17	-13	-48.17	-72.58	-69.14	4.63	12.6	V
	5208.27	-65.42	-13	-52.42	-79.03	-71.87	6.25	12.7	V
	6944.36	-60.10	-13	-47.10	-79.22	-64.87	8.23	13	V

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



LTE Band 5

LTE Band 5 / 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	1649.92	-70.28	-13	-57.28	-71.99	-74.65	2.88	9.40	H
	2474.88	-69.75	-13	-56.75	-75.81	-75.70	2.5	10.60	H
	3299.84	-67.92	-13	-54.92	-75.92	-73.74	4.63	12.60	H
	1649.92	-67.40	-13	-54.40	-69.24	-71.77	2.88	9.40	V
	2474.88	-69.09	-13	-56.09	-75.04	-75.04	2.50	10.60	V
	3299.84	-68.48	-13	-55.48	-76.51	-74.30	4.63	12.60	V
Middle	1671.92	-71.68	-13	-58.68	-73.39	-76.05	2.88	9.40	H
	2507.88	-69.73	-13	-56.73	-75.79	-75.68	2.5	10.60	H
	3343.84	-68.19	-13	-55.19	-76.19	-74.01	4.63	12.60	H
	1671.92	-73.95	-13	-60.95	-73.73	-78.32	2.88	9.40	V
	2507.88	-69.86	-13	-56.86	-75.81	-75.81	2.50	10.60	V
	3343.84	-68.13	-13	-55.13	-76.16	-73.95	4.63	12.60	V
Highest	1695.52	-70.74	-13	-57.74	-72.45	-75.11	2.88	9.40	H
	2543.28	-69.54	-13	-56.54	-75.60	-75.49	2.5	10.60	H
	3391.04	-67.60	-13	-54.60	-75.60	-73.42	4.63	12.60	H
	1695.52	-71.30	-13	-58.30	-73.14	-75.67	2.88	9.40	V
	2543.28	-69.94	-13	-56.94	-75.89	-75.89	2.50	10.60	V
	3391.04	-68.41	-13	-55.41	-76.44	-74.23	4.63	12.60	V

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



LTE Band 5 / 3MHz / 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	1648.48	-69.22	-13	-56.22	-70.93	-73.59	2.88	9.40	H
	2472.72	-68.36	-13	-55.36	-74.42	-74.31	2.5	10.60	H
	3296.96	-67.15	-13	-54.15	-75.15	-72.97	4.63	12.60	H
	1648.48	-66.53	-13	-53.53	-68.37	-70.90	2.88	9.40	V
	2472.72	-68.36	-13	-55.36	-74.31	-74.31	2.50	10.60	V
	3296.96	-67.84	-13	-54.84	-75.87	-73.66	4.63	12.60	V
Middle	1670.48	-70.67	-13	-57.67	-72.38	-75.04	2.88	9.40	H
	2505.72	-69.83	-13	-56.83	-75.89	-75.78	2.5	10.60	H
	3340.96	-68.41	-13	-55.41	-76.41	-74.23	4.63	12.60	H
	1670.48	-72.03	-13	-59.03	-73.87	-76.40	2.88	9.40	V
	2505.72	-70.07	-13	-57.07	-76.02	-76.02	2.50	10.60	V
	3340.96	-68.17	-13	-55.17	-76.20	-73.99	4.63	12.60	V
Highest	1692.48	-70.55	-13	-57.55	-72.26	-74.92	2.88	9.40	H
	2538.72	-69.70	-13	-56.70	-75.76	-75.65	2.5	10.60	H
	3384.96	-68.02	-13	-55.02	-76.02	-73.84	4.63	12.60	H
	1692.48	-70.67	-13	-57.67	-72.51	-75.04	2.88	9.40	V
	2538.72	-69.54	-13	-56.54	-75.49	-75.49	2.50	10.60	V
	3384.96	-68.29	-13	-55.29	-76.32	-74.11	4.63	12.60	V

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



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	1648.68	-68.21	-13	-55.21	-69.92	-72.58	2.88	9.40	H
	2473.02	-69.70	-13	-56.70	-75.76	-75.65	2.5	10.60	H
	3297.36	-67.58	-13	-54.58	-75.58	-73.40	4.63	12.60	H
	1648.68	-68.77	-13	-55.77	-70.61	-73.14	2.88	9.40	V
	2473.02	-69.83	-13	-56.83	-75.78	-75.78	2.50	10.60	V
	3297.36	-68.52	-13	-55.52	-76.55	-74.34	4.63	12.60	V
Middle	1668.68	-70.75	-13	-57.75	-72.46	-75.12	2.88	9.40	H
	2503.02	-69.88	-13	-56.88	-75.94	-75.83	2.5	10.60	H
	3337.36	-68.28	-13	-55.28	-76.28	-74.10	4.63	12.60	H
	1668.68	-72.07	-13	-59.07	-73.91	-76.44	2.88	9.40	V
	2503.02	-69.95	-13	-56.95	-75.90	-75.90	2.50	10.60	V
	3337.36	-68.58	-13	-55.58	-76.61	-74.40	4.63	12.60	V
Highest	1688.68	-70.43	-13	-57.43	-72.14	-74.80	2.88	9.40	H
	2533.02	-69.78	-13	-56.78	-75.84	-75.73	2.5	10.60	H
	3377.36	-68.18	-13	-55.18	-76.18	-74.00	4.63	12.60	H
	1688.68	-68.49	-13	-55.49	-70.33	-72.86	2.88	9.40	V
	2533.02	-69.65	-13	-56.65	-75.60	-75.60	2.50	10.60	V
	3377.36	-68.46	-13	-55.46	-76.49	-74.28	4.63	12.60	V

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

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	1649.18	-69.82	-13	-56.82	-71.53	-74.19	2.88	9.40	H
	2473.77	-69.41	-13	-56.41	-75.47	-75.36	2.5	10.60	H
	3298.36	-68.30	-13	-55.30	-76.30	-74.12	4.63	12.60	H
	1649.18	-68.49	-13	-55.49	-70.33	-72.86	2.88	9.40	V
	2473.77	-68.64	-13	-55.64	-74.59	-74.59	2.50	10.60	V
	3298.36	-68.49	-13	-55.49	-76.52	-74.31	4.63	12.60	V
Middle	1664.18	-69.07	-13	-56.07	-70.78	-73.44	2.88	9.40	H
	2496.27	-69.48	-13	-56.48	-75.54	-75.43	2.5	10.60	H
	3328.36	-68.52	-13	-55.52	-76.52	-74.34	4.63	12.60	H
	1664.18	-68.93	-13	-55.93	-70.77	-73.30	2.88	9.40	V
	2496.27	-70.14	-13	-57.14	-76.09	-76.09	2.50	10.60	V
	3328.36	-68.41	-13	-55.41	-76.44	-74.23	4.63	12.60	V
Highest	1679.18	-71.10	-13	-58.10	-72.81	-75.47	2.88	9.40	H
	2518.77	-67.76	-13	-54.76	-73.82	-73.71	2.5	10.60	H
	3358.36	-67.68	-13	-54.68	-75.68	-73.50	4.63	12.60	H
	1679.18	-71.13	-13	-58.13	-72.97	-75.50	2.88	9.40	V
	2518.77	-68.76	-13	-55.76	-74.71	-74.71	2.50	10.60	V
	3358.36	-68.24	-13	-55.24	-76.27	-74.06	4.63	12.60	V

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



LTE Band 7

LTE Band 7 / 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	5000.68	-57.01	-25	-32.01	-74.08	-63.86	6.25	13.10	H
	7501.02	-40.53	-25	-15.53	-61.40	-44.10	7.73	11.30	H
	10001.36	-52.49	-25	-27.49	-78.59	-56.15	8.44	12.10	H
	5000.68	-60.56	-25	-35.56	-77.3	-67.4056	6.25	13.10	V
	7501.02	-47.42	-25	-22.42	-67.96	-50.9856	7.73	11.30	V
	10001.36	-55.69	-25	-30.69	-79.98	-59.3456	8.44	12.10	V
Middle	5065.68	-57.27	-25	-32.27	-74.34	-64.12	6.25	13.10	H
	7598.52	-44.10	-25	-19.10	-64.97	-47.67	7.73	11.30	H
	10131.36	-52.08	-25	-27.08	-78.18	-55.74	8.44	12.10	H
	5065.68	-61.41	-25	-36.41	-78.15	-68.2556	6.25	13.10	V
	7598.52	-53.24	-25	-28.24	-73.78	-56.8056	7.73	11.30	V
	10131.36	-55.53	-25	-30.53	-79.82	-59.1856	8.44	12.10	V
Highest	5130.68	-59.23	-25	-34.23	-76.30	-66.08	6.25	13.10	H
	7696.02	-48.36	-25	-23.36	-69.23	-51.93	7.73	11.30	H
	10261.36	-52.76	-25	-27.76	-78.86	-56.42	8.44	12.10	H
	5130.68	-60.80	-25	-35.80	-77.54	-67.6456	6.25	13.10	V
	7696.02	-54.40	-25	-29.40	-74.94	-57.9656	7.73	11.30	V
	10261.36	-55.48	-25	-30.48	-79.77	-59.1356	8.44	12.10	V

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



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	5001.18	-57.18	-25	-32.18	-74.25	-64.03	6.25	13.10	H
	7501.77	-39.74	-25	-14.74	-60.61	-43.31	7.73	11.30	H
	10002.36	-50.50	-25	-25.50	-76.60	-54.16	8.44	12.10	H
	5001.18	-61.07	-25	-36.07	-77.81	-67.9156	6.25	13.10	V
	7501.77	-49.26	-25	-24.26	-69.8	-52.8256	7.73	11.30	V
	10002.36	-55.50	-25	-30.50	-79.79	-59.1556	8.44	12.10	V
Middle	5061.18	-58.85	-25	-33.85	-75.92	-65.70	6.25	13.10	H
	7591.77	-44.63	-25	-19.63	-65.50	-48.20	7.73	11.30	H
	10122.36	-51.48	-25	-26.48	-77.58	-55.14	8.44	12.10	H
	5061.18	-60.84	-25	-35.84	-77.58	-67.69	6.25	13.10	V
	7591.77	-58.27	-25	-33.27	-78.81	-61.84	7.73	11.30	V
	10122.36	-55.50	-25	-30.50	-79.79	-59.16	8.44	12.10	V
Highest	5121.18	-59.19	-25	-34.19	-76.26	-66.04	6.25	13.10	H
	7681.77	-48.22	-25	-23.22	-69.09	-51.79	7.73	11.30	H
	10242.36	-51.69	-25	-26.69	-77.79	-55.35	8.44	12.10	H
	5121.18	-60.50	-25	-35.50	-77.24	-67.35	6.25	13.10	V
	7681.77	-54.75	-25	-29.75	-75.29	-58.32	7.73	11.30	V
	10242.36	-55.46	-25	-30.46	-79.75	-59.12	8.44	12.10	V

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



LTE Band 7 / 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	5001.68	-55.85	-25	-30.85	-72.92	-62.70	6.25	13.10	H
	7502.52	-38.98	-25	-13.98	-59.85	-42.55	7.73	11.30	H
	10003.36	-52.41	-25	-27.41	-78.51	-56.07	8.44	12.10	H
	5001.68	-60.62	-25	-35.62	-77.36	-67.4656	6.25	13.10	V
	7502.52	-47.80	-25	-22.80	-68.34	-51.3656	7.73	11.30	V
	10003.36	-54.99	-25	-29.99	-79.28	-58.6456	8.44	12.10	V
Middle	5056.68	-58.91	-25	-33.91	-75.98	-65.76	6.25	13.10	H
	7585.02	-46.74	-25	-21.74	-67.61	-50.31	7.73	11.30	H
	10113.36	-54.19	-25	-29.19	-80.29	-57.85	8.44	12.10	H
	5056.68	-60.30	-25	-35.30	-77.04	-67.15	6.25	13.10	V
	7585.02	-54.31	-25	-29.31	-74.85	-57.88	7.73	11.30	V
	10113.36	-55.51	-25	-30.51	-79.8	-59.17	8.44	12.10	V
Highest	5111.68	-56.32	-25	-31.32	-73.39	-63.17	6.25	13.10	H
	7667.52	-46.05	-25	-21.05	-66.92	-49.62	7.73	11.30	H
	10223.36	-51.91	-25	-26.91	-78.01	-55.57	8.44	12.10	H
	5111.68	-59.63	-25	-34.63	-76.37	-66.48	6.25	13.10	V
	7667.52	-52.64	-25	-27.64	-73.18	-56.21	7.73	11.30	V
	10223.36	-54.53	-25	-29.53	-78.82	-58.19	8.44	12.10	V

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



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	5002.18	-56.61	-25	-31.61	-73.68	-63.46	6.25	13.10	H
	7503.27	-39.89	-25	-14.89	-60.76	-43.46	7.73	11.30	H
	10004.36	-53.08	-25	-28.08	-79.18	-56.74	8.44	12.10	H
	5002.18	-60.70	-25	-35.70	-77.44	-67.55	6.25	13.10	V
	7503.27	-48.24	-25	-23.24	-68.78	-51.81	7.73	11.30	V
	10004.36	-55.83	-25	-30.83	-80.12	-59.49	8.44	12.10	V
Middle	5052.18	-60.29	-25	-35.29	-77.36	-67.14	6.25	13.10	H
	7578.27	-45.92	-25	-20.92	-66.79	-49.49	7.73	11.30	H
	10104.36	-52.12	-25	-27.12	-78.22	-55.78	8.44	12.10	H
	5052.18	-61.28	-25	-36.28	-78.02	-68.13	6.25	13.10	V
	7578.27	-53.22	-25	-28.22	-73.76	-56.79	7.73	11.30	V
	10104.36	-55.30	-25	-30.30	-79.59	-58.96	8.44	12.10	V
Highest	5102.18	-59.11	-25	-34.11	-76.18	-65.96	6.25	13.10	H
	7653.27	-45.87	-25	-20.87	-66.74	-49.44	7.73	11.30	H
	10204.36	-52.54	-25	-27.54	-78.64	-56.20	8.44	12.10	H
	5102.18	-60.59	-25	-35.59	-77.33	-67.44	6.25	13.10	V
	7653.27	-53.73	-25	-28.73	-74.27	-57.30	7.73	11.30	V
	10204.36	-55.36	-25	-30.36	-79.65	-59.02	8.44	12.10	V

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

**LTE Band 12**

LTE Band 12 / 1.4MHz / 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	1398.14	-62.14	-13	-49.14	-65.54	-65.11	2.88	8.00	H
	2097.21	-68.99	-13	-55.99	-75.19	-73.99	3.25	10.40	H
	2796.28	-67.63	-13	-54.63	-76.12	-73.11	3.87	11.50	H
	1398.14	-61.57	-13	-48.57	-65.01	-64.54	2.88	8.00	V
	2097.21	-70.11	-13	-57.11	-74.50	-75.11	3.25	10.40	V
	2796.28	-68.87	-13	-55.87	-76.24	-74.35	3.87	11.50	V
Middle	1413.74	-56.32	-13	-43.32	-59.72	-59.29	2.88	8.00	H
	2120.61	-65.85	-13	-52.85	-72.05	-70.85	3.25	10.40	H
	2827.48	-67.47	-13	-54.47	-75.96	-72.95	3.87	11.50	H
	1413.74	-55.67	-13	-42.67	-59.11	-58.64	2.88	8.00	V
	2120.61	-67.27	-13	-54.27	-71.66	-72.27	3.25	10.40	V
	2827.48	-68.58	-13	-55.58	-75.95	-74.06	3.87	11.50	V
Highest	1429.34	-57.97	-13	-44.97	-61.37	-60.94	2.88	8.00	H
	2144.01	-66.74	-13	-53.74	-72.94	-71.74	3.25	10.40	H
	2858.68	-67.66	-13	-54.66	-76.15	-73.14	3.87	11.50	H
	1429.34	-54.82	-13	-41.82	-58.26	-57.79	2.88	8.00	V
	2144.01	-65.25	-13	-52.25	-69.64	-70.25	3.25	10.40	V
	2858.68	-68.64	-13	-55.64	-76.01	-74.12	3.87	11.50	V

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



LTE Band 12 / 3MHz / 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	1398.3	-64.15	-13	-51.15	-67.55	-67.12	2.88	8.00	H
	2097.45	-68.87	-13	-55.87	-75.07	-73.87	3.25	10.40	H
	2796.6	-67.77	-13	-54.77	-76.26	-73.25	3.87	11.50	H
	1398.3	-61.11	-13	-48.11	-64.55	-64.08	2.88	8.00	V
	2097.45	-70.44	-13	-57.44	-74.83	-75.44	3.25	10.40	V
	2796.6	-68.95	-13	-55.95	-76.32	-74.43	3.87	11.50	V
Middle	1412.3	-61.48	-13	-48.48	-64.88	-64.45	2.88	8.00	H
	2118.45	-67.52	-13	-54.52	-73.72	-72.52	3.25	10.40	H
	2824.6	-67.66	-13	-54.66	-76.15	-73.14	3.87	11.50	H
	1412.3	-56.68	-13	-43.68	-60.12	-59.65	2.88	8.00	V
	2118.45	-66.99	-13	-53.99	-71.38	-71.99	3.25	10.40	V
	2824.6	-68.84	-13	-55.84	-76.21	-74.32	3.87	11.50	V
Highest	1427	-58.05	-13	-45.05	-61.45	-61.02	2.88	8.00	H
	2140.5	-67.40	-13	-54.40	-73.60	-72.40	3.25	10.40	H
	2854	-67.90	-13	-54.90	-76.39	-73.38	3.87	11.50	H
	1427	-56.46	-13	-43.46	-59.90	-59.43	2.88	8.00	V
	2140.5	-67.25	-13	-54.25	-71.64	-72.25	3.25	10.40	V
	2854	-69.13	-13	-56.13	-76.50	-74.61	3.87	11.50	V

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



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	1398.5	-68.36	-13	-55.36	-71.76	-71.33	2.88	8.00	H
	2097.75	-69.70	-13	-56.70	-75.90	-74.70	3.25	10.40	H
	2797	-68.41	-13	-55.41	-76.90	-73.89	3.87	11.50	H
	1398.5	-70.37	-13	-57.37	-73.81	-73.34	2.88	8.00	V
	2097.75	-71.58	-13	-58.58	-75.97	-76.58	3.25	10.40	V
	2797	-69.32	-13	-56.32	-76.69	-74.80	3.87	11.50	V
Middle	1410.5	-58.93	-13	-45.93	-62.33	-61.90	2.88	8.00	H
	2115.75	-68.74	-13	-55.74	-74.94	-73.74	3.25	10.40	H
	2821	-67.20	-13	-54.20	-75.69	-72.68	3.87	11.50	H
	1410.5	-58.24	-13	-45.24	-61.68	-61.21	2.88	8.00	V
	2115.75	-68.88	-13	-55.88	-73.27	-73.88	3.25	10.40	V
	2821	-68.36	-13	-55.36	-75.73	-73.84	3.87	11.50	V
Highest	1422.5	-69.77	-13	-56.77	-73.17	-72.74	2.88	8.00	H
	2133.75	-70.01	-13	-57.01	-76.21	-75.01	3.25	10.40	H
	2845	-68.61	-13	-55.61	-77.10	-74.09	3.87	11.50	H
	1422.5	-69.34	-13	-56.34	-72.78	-72.31	2.88	8.00	V
	2133.75	-71.56	-13	-58.56	-75.95	-76.56	3.25	10.40	V
	2845	-69.45	-13	-56.45	-76.82	-74.93	3.87	11.50	V

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



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	1399	-68.96	-13	-55.96	-72.36	-71.93	2.88	8.00	H
	2098.5	-69.92	-13	-56.92	-76.12	-74.92	3.25	10.40	H
	2798	-68.45	-13	-55.45	-76.94	-73.93	3.87	11.50	H
	1399	-70.59	-13	-57.59	-74.03	-73.56	2.88	8.00	V
	2098.5	-71.60	-13	-58.60	-75.99	-76.60	3.25	10.40	V
	2798	-69.58	-13	-56.58	-76.95	-75.06	3.87	11.50	V
Middle	1406	-54.81	-13	-41.81	-58.21	-57.78	2.88	8.00	H
	2109	-68.44	-13	-55.44	-74.64	-73.44	3.25	10.40	H
	2812	-67.23	-13	-54.23	-75.72	-72.71	3.87	11.50	H
	1406	-55.59	-13	-42.59	-59.03	-58.56	2.88	8.00	V
	2109	-68.22	-13	-55.22	-72.61	-73.22	3.25	10.40	V
	2812	-68.13	-13	-55.13	-75.50	-73.61	3.87	11.50	V
Highest	1413	-69.67	-13	-56.67	-73.07	-72.64	2.88	8.00	H
	2119.5	-69.71	-13	-56.71	-75.91	-74.71	3.25	10.40	H
	2826	-68.43	-13	-55.43	-76.92	-73.91	3.87	11.50	H
	1413	-70.87	-13	-57.87	-74.31	-73.84	2.88	8.00	V
	2119.5	-71.72	-13	-58.72	-76.11	-76.72	3.25	10.40	V
	2826	-69.55	-13	-56.55	-76.92	-75.03	3.87	11.50	V

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

**LTE Band 17**

LTE Band 17 / 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	1408.68	-64.86	-13	-51.86	-68.26	-67.83	2.88	8.00	H
	2113.02	-69.54	-13	-56.54	-75.74	-74.54	3.25	10.40	H
	2817.36	-68.41	-13	-55.41	-76.90	-73.89	3.87	11.50	H
	1408.68	-63.91	-13	-50.91	-67.35	-66.88	2.88	8.00	V
	2113.02	-70.80	-13	-57.80	-75.19	-75.80	3.25	10.40	V
	2817.36	-69.61	-13	-56.61	-76.98	-75.09	3.87	11.50	V
Middle	1415.68	-61.16	-13	-48.16	-64.56	-64.13	2.88	8.00	H
	2123.58	-69.96	-13	-56.96	-76.16	-74.96	3.25	10.40	H
	2831.36	-68.50	-13	-55.50	-76.99	-73.98	3.87	11.50	H
	1415.68	-57.68	-13	-44.68	-61.12	-60.65	2.88	8.00	V
	2123.58	-70.15	-13	-57.15	-74.54	-75.15	3.25	10.40	V
	2831.36	-69.59	-13	-56.59	-76.96	-75.07	3.87	11.50	V
Highest	1422.68	-62.92	-13	-49.92	-66.32	-65.89	2.88	8.00	H
	2134.02	-70.07	-13	-57.07	-76.27	-75.07	3.25	10.40	H
	2845.36	-68.58	-13	-55.58	-77.07	-74.06	3.87	11.50	H
	1422.68	-61.30	-13	-48.30	-64.74	-64.27	2.88	8.00	V
	2134.02	-71.79	-13	-58.79	-76.18	-76.79	3.25	10.40	V
	2845.36	-69.72	-13	-56.72	-77.09	-75.20	3.87	11.50	V

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



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	1409.18	-58.88	-13	-45.88	-62.28	-61.85	2.88	8.00	H
	2113.77	-69.36	-13	-56.36	-75.56	-74.36	3.25	10.40	H
	2818.36	-68.39	-13	-55.39	-76.88	-73.87	3.87	11.50	H
	1409.18	-57.95	-13	-44.95	-61.39	-60.92	2.88	8.00	V
	2113.77	-69.24	-13	-56.24	-73.63	-74.24	3.25	10.40	V
	2818.36	-69.46	-13	-56.46	-76.83	-74.94	3.87	11.50	V
Middle	1411.18	-64.81	-13	-51.81	-68.21	-67.78	2.88	8.00	H
	2116.77	-70.04	-13	-57.04	-76.24	-75.04	3.25	10.40	H
	2822.36	-68.37	-13	-55.37	-76.86	-73.85	3.87	11.50	H
	1411.18	-63.22	-13	-50.22	-66.66	-66.19	2.88	8.00	V
	2116.77	-71.27	-13	-58.27	-75.66	-76.27	3.25	10.40	V
	2822.36	-69.46	-13	-56.46	-76.83	-74.94	3.87	11.50	V
Highest	1413.18	-57.53	-13	-44.53	-60.93	-60.50	2.88	8.00	H
	2119.77	-68.19	-13	-55.19	-74.39	-73.19	3.25	10.40	H
	2826.36	-68.37	-13	-55.37	-76.86	-73.85	3.87	11.50	H
	1413.18	-56.49	-13	-43.49	-59.93	-59.46	2.88	8.00	V
	2119.77	-67.41	-13	-54.41	-71.80	-72.41	3.25	10.40	V
	2826.36	-69.31	-13	-56.31	-76.68	-74.79	3.87	11.50	V

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

LTE Band 38

LTE Band 38 / 5MHz / 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	5140.50	-58.53	-25	-33.53	-75.60	-65.38	6.25	13.10	H
	7710.75	-53.08	-25	-28.08	-73.95	-56.65	7.73	11.30	H
	10281.00	-53.66	-25	-28.66	-79.76	-57.32	8.44	12.10	H
	5140.5	-59.77	-25	-34.77	-76.51	-66.62	6.25	13.10	V
	7710.75	-49.86	-25	-24.86	-70.4	-53.43	7.73	11.30	V
	10281	-54.03	-25	-29.03	-78.32	-57.69	8.44	12.10	V
Middle	5185.50	-58.06	-25	-33.06	-75.13	-64.91	6.25	13.10	H
	7778.25	-53.89	-25	-28.89	-74.76	-57.46	7.73	11.30	H
	10371.00	-53.41	-25	-28.41	-79.51	-57.07	8.44	12.10	H
	5185.5	-59.99	-25	-34.99	-76.73	-66.8356	6.25	13.10	V
	7778.25	-50.57	-25	-25.57	-71.11	-54.1356	7.73	11.30	V
	10371	-54.71	-25	-29.71	-79	-58.3656	8.44	12.10	V
Highest	5230.50	-58.66	-25	-33.66	-75.73	-65.51	6.25	13.10	H
	7845.75	-55.10	-25	-30.10	-75.97	-58.67	7.73	11.30	H
	10461.00	-53.32	-25	-28.32	-79.42	-56.98	8.44	12.10	H
	5230.5	-61.41	-25	-36.41	-78.15	-68.26	6.25	13.10	V
	7845.75	-53.22	-25	-28.22	-73.76	-56.79	7.73	11.30	V
	10461	-54.48	-25	-29.48	-78.77	-58.14	8.44	12.10	V

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



LTE Band 38 / 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	5141.00	-60.17	-25	-35.17	-77.24	-67.02	6.25	13.10	H
	7711.50	-53.03	-25	-28.03	-73.90	-56.60	7.73	11.30	H
	10282.00	-53.50	-25	-28.50	-79.60	-57.16	8.44	12.10	H
	5141	-61.76	-25	-36.76	-78.5	-68.61	6.25	13.10	V
	7711.5	-49.77	-25	-24.77	-70.31	-53.34	7.73	11.30	V
	10282	-55.11	-25	-30.11	-79.4	-58.77	8.44	12.10	V
Middle	5181.00	-57.63	-25	-32.63	-74.70	-64.48	6.25	13.10	H
	7771.50	-53.80	-25	-28.80	-74.67	-57.37	7.73	11.30	H
	10362.00	-52.55	-25	-27.55	-78.65	-56.21	8.44	12.10	H
	5181	-59.52	-25	-34.52	-76.26	-66.37	6.25	13.10	V
	7771.5	-48.99	-25	-23.99	-69.53	-52.56	7.73	11.30	V
	10362	-53.88	-25	-28.88	-78.17	-57.54	8.44	12.10	V
Highest	5221.00	-58.27	-25	-33.27	-75.34	-65.12	6.25	13.10	H
	7831.50	-55.34	-25	-30.34	-76.21	-58.91	7.73	11.30	H
	10442.00	-53.66	-25	-28.66	-79.76	-57.32	8.44	12.10	H
	5221	-60.65	-25	-35.65	-77.39	-67.50	6.25	13.10	V
	7831.5	-52.03	-25	-27.03	-72.57	-55.60	7.73	11.30	V
	10442	-54.28	-25	-29.28	-78.57	-57.94	8.44	12.10	V

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



LTE Band 38 / 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	5141.50	-58.92	-25	-33.92	-75.99	-65.77	6.25	13.10	H
	7712.25	-52.40	-25	-27.40	-73.27	-55.97	7.73	11.30	H
	10283.00	-53.67	-25	-28.67	-79.77	-57.33	8.44	12.10	H
	5141.5	-60.70	-25	-35.70	-77.44	-67.55	6.25	13.10	V
	7712.25	-49.55	-25	-24.55	-70.09	-53.12	7.73	11.30	V
	10283	-54.09	-25	-29.09	-78.38	-57.75	8.44	12.10	V
Middle	5176.50	-56.91	-25	-31.91	-73.98	-63.76	6.25	13.10	H
	7764.75	-52.33	-25	-27.33	-73.20	-55.90	7.73	11.30	H
	10353.00	-53.11	-25	-28.11	-79.21	-56.77	8.44	12.10	H
	5176.5	-60.53	-25	-35.53	-77.27	-67.38	6.25	13.10	V
	7764.75	-50.56	-25	-25.56	-71.1	-54.13	7.73	11.30	V
	10353	-54.69	-25	-29.69	-78.98	-58.35	8.44	12.10	V
Highest	5211.50	-58.35	-25	-33.35	-75.42	-65.20	6.25	13.10	H
	7817.25	-54.71	-25	-29.71	-75.58	-58.28	7.73	11.30	H
	10423.00	-53.33	-25	-28.33	-79.43	-56.99	8.44	12.10	H
	5211.5	-59.69	-25	-34.69	-76.43	-66.54	6.25	13.10	V
	7817.25	-52.83	-25	-27.83	-73.37	-56.40	7.73	11.30	V
	10423	-53.77	-25	-28.77	-78.06	-57.43	8.44	12.10	V

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



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	5142.00	-58.04	-25	-33.04	-75.11	-64.89	6.25	13.10	H
	7713.00	-52.45	-25	-27.45	-73.32	-56.02	7.73	11.30	H
	10284.00	-53.51	-25	-28.51	-79.61	-57.17	8.44	12.10	H
	5142	-60.00	-25	-35.00	-76.74	-66.85	6.25	13.10	V
	7713	-49.68	-25	-24.68	-70.22	-53.25	7.73	11.30	V
	10284	-54.52	-25	-29.52	-78.81	-58.18	8.44	12.10	V
Middle	5172.00	-58.28	-25	-33.28	-75.35	-65.13	6.25	13.10	H
	7758.00	-53.23	-25	-28.23	-74.10	-56.80	7.73	11.30	H
	10344.00	-53.49	-25	-28.49	-79.59	-57.15	8.44	12.10	H
	5172	-59.87	-25	-34.87	-76.61	-66.72	6.25	13.10	V
	7758	-52.24	-25	-27.24	-72.78	-55.81	7.73	11.30	V
	10344	-54.30	-25	-29.30	-78.59	-57.96	8.44	12.10	V
Highest	5202.00	-58.59	-25	-33.59	-75.66	-65.44	6.25	13.10	H
	7803.00	-53.99	-25	-28.99	-74.86	-57.56	7.73	11.30	H
	10404.00	-52.99	-25	-27.99	-79.09	-56.65	8.44	12.10	H
	5202	-61.01	-25	-36.01	-77.75	-67.86	6.25	13.10	V
	7803	-51.83	-25	-26.83	-72.37	-55.40	7.73	11.30	V
	10404	-54.26	-25	-29.26	-78.55	-57.92	8.44	12.10	V

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

**LTE Band 41**

LTE Band 41 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992.50	-61.04	-25	-36.04	-78.11	-67.89	6.25	13.10	H
	7488.75	-55.19	-25	-30.19	-76.06	-58.76	7.73	11.30	H
	9985.00	-53.85	-25	-28.85	-79.95	-57.51	8.44	12.10	H
	4992.5	-61.43	-25	-36.43	-78.17	-68.28	6.25	13.10	V
	7488.75	-45.96	-25	-20.96	-66.5	-49.53	7.73	11.30	V
	9985	-55.56	-25	-30.56	-79.85	-59.22	8.44	12.10	V
Middle	5181.68	-60.66	-25	-35.66	-77.73	-67.51	6.25	13.10	H
	7772.52	-57.05	-25	-32.05	-77.92	-60.62	7.73	11.30	H
	10363.36	-53.50	-25	-28.50	-79.60	-57.16	8.44	12.10	H
	5181.68	-60.19	-25	-35.19	-76.93	-67.04	6.25	13.10	V
	7772.52	-51.48	-25	-26.48	-72.02	-55.05	7.73	11.30	V
	10363.36	-54.14	-25	-29.14	-78.43	-57.80	8.44	12.10	V
Highest	5370.50	-61.29	-25	-36.29	-78.36	-68.14	6.25	13.10	H
	8055.75	-57.41	-25	-32.41	-78.28	-60.98	7.73	11.30	H
	10741.00	-53.47	-25	-28.47	-79.57	-57.13	8.44	12.10	H
	5370.5	-59.84	-25	-34.84	-76.58	-66.69	6.25	13.10	V
	8055.75	-58.04	-25	-33.04	-78.58	-61.61	7.73	11.30	V
	10741	-55.34	-25	-30.34	-79.63	-59.00	8.44	12.10	V

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



LTE Band 41 / 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	4993.00	-60.48	-25	-35.48	-77.55	-67.33	6.25	13.10	H
	7489.50	-52.78	-25	-27.78	-73.65	-56.35	7.73	11.30	H
	9986.00	-53.06	-25	-28.06	-79.16	-56.72	8.44	12.10	H
	4993	-57.82	-25	-32.82	-74.56	-64.67	6.25	13.10	V
	7489.5	-45.03	-25	-20.03	-65.57	-48.60	7.73	11.30	V
	9986	-54.24	-25	-29.24	-78.53	-57.90	8.44	12.10	V
Middle	5177.18	-60.05	-25	-35.05	-77.12	-66.90	6.25	13.10	H
	7765.77	-55.63	-25	-30.63	-76.50	-59.20	7.73	11.30	H
	10354.36	-53.16	-25	-28.16	-79.26	-56.82	8.44	12.10	H
	5177.18	-61.11	-25	-36.11	-77.85	-67.96	6.25	13.10	V
	7765.77	-50.68	-25	-25.68	-71.22	-54.25	7.73	11.30	V
	10354.36	-54.12	-25	-29.12	-78.41	-57.78	8.44	12.10	V
Highest	5361.18	-61.28	-25	-36.28	-78.35	-68.13	6.25	13.10	H
	8041.77	-56.82	-25	-31.82	-77.69	-60.39	7.73	11.30	H
	10722.36	-52.63	-25	-27.63	-78.73	-56.29	8.44	12.10	H
	5361.18	-60.72	-25	-35.72	-77.46	-67.57	6.25	13.10	V
	8041.77	-52.14	-25	-27.14	-72.68	-55.71	7.73	11.30	V
	10722.36	-54.45	-25	-29.45	-78.74	-58.11	8.44	12.10	V

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



LTE Band 41 / 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	4993.68	-60.88	-25	-35.88	-77.95	-67.73	6.25	13.10	H
	7490.52	-55.26	-25	-30.26	-76.13	-58.83	7.73	11.30	H
	9987.36	-53.95	-25	-28.95	-80.05	-57.61	8.44	12.10	H
	4993.68	-60.59	-25	-35.59	-77.33	-67.44	6.25	13.10	V
	7490.52	-46.41	-25	-21.41	-66.95	-49.98	7.73	11.30	V
	9987.36	-55.00	-25	-30.00	-79.29	-58.66	8.44	12.10	V
Middle	5172.68	-61.54	-25	-36.54	-78.61	-68.39	6.25	13.10	H
	7759.02	-56.93	-25	-31.93	-77.80	-60.50	7.73	11.30	H
	10345.36	-53.47	-25	-28.47	-79.57	-57.13	8.44	12.10	H
	5172.68	-61.23	-25	-36.23	-77.97	-68.08	6.25	13.10	V
	7759.02	-49.90	-25	-24.90	-70.44	-53.47	7.73	11.30	V
	10345.36	-55.18	-25	-30.18	-79.47	-58.84	8.44	12.10	V
Highest	5351.68	-61.02	-25	-36.02	-78.09	-67.87	6.25	13.10	H
	8027.52	-56.19	-25	-31.19	-77.06	-59.76	7.73	11.30	H
	10703.36	-53.26	-25	-28.26	-79.36	-56.92	8.44	12.10	H
	5351.68	-61.33	-25	-36.33	-78.07	-68.18	6.25	13.10	V
	8027.52	-54.18	-25	-29.18	-74.72	-57.75	7.73	11.30	V
	10703.36	-55.14	-25	-30.14	-79.43	-58.80	8.44	12.10	V

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



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	4994.18	-60.84	-25	-35.84	-77.91	-67.69	6.25	13.10	H
	7491.27	-53.24	-25	-28.24	-74.11	-56.81	7.73	11.30	H
	9988.36	-53.55	-25	-28.55	-79.65	-57.21	8.44	12.10	H
	4994.18	-61.12	-25	-36.12	-77.86	-67.97	6.25	13.10	V
	7491.27	-45.99	-25	-20.99	-66.53	-49.56	7.73	11.30	V
	9988.36	-54.66	-25	-29.66	-78.95	-58.32	8.44	12.10	V
Middle	5168.18	-61.40	-25	-36.40	-78.47	-68.25	6.25	13.10	H
	7752.27	-56.63	-25	-31.63	-77.50	-60.20	7.73	11.30	H
	10336.36	-53.61	-25	-28.61	-79.71	-57.27	8.44	12.10	H
	5168.18	-77.39	-25	-52.39	-77.39	-84.24	6.25	13.10	V
	7752.27	-51.23	-25	-26.23	-71.77	-54.80	7.73	11.30	V
	10336.36	-54.79	-25	-29.79	-79.08	-58.45	8.44	12.10	V
Highest	5342.18	-61.16	-25	-36.16	-78.23	-68.01	6.25	13.10	H
	8013.27	-56.31	-25	-31.31	-77.18	-59.88	7.73	11.30	H
	10684.36	-53.20	-25	-28.20	-79.30	-56.86	8.44	12.10	H
	5342.18	-60.69	-25	-35.69	-77.43	-67.54	6.25	13.10	V
	8013.27	-55.87	-25	-30.87	-76.41	-59.44	7.73	11.30	V
	10684.36	-54.99	-25	-29.99	-79.28	-58.65	8.44	12.10	V

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



<For TOP Ant.>

LTE Band 12

LTE Band 12 / 1.4MHz / 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	1398.14	-69.49	-13	-56.49	-72.89	-72.46	2.88	8.00	H
	2097.21	-63.95	-13	-50.95	-70.15	-68.95	3.25	10.40	H
	2796.28	-67.55	-13	-54.55	-76.04	-73.03	3.87	11.50	H
	1398.14	-69.13	-13	-56.13	-72.57	-72.10	2.88	8.00	V
	2097.21	-69.76	-13	-56.76	-74.15	-74.76	3.25	10.40	V
	2796.28	-68.60	-13	-55.60	-75.97	-74.08	3.87	11.50	V
Middle	1413.74	-68.66	-13	-55.66	-72.06	-71.63	2.88	8.00	H
	2120.61	-63.10	-13	-50.10	-69.30	-68.10	3.25	10.40	H
	2827.48	-67.00	-13	-54.00	-75.49	-72.48	3.87	11.50	H
	1413.74	-69.47	-13	-56.47	-72.91	-72.44	2.88	8.00	V
	2120.61	-69.75	-13	-56.75	-74.14	-74.75	3.25	10.40	V
	2827.48	-68.31	-13	-55.31	-75.68	-73.79	3.87	11.50	V
Highest	1429.34	-69.87	-13	-56.87	-73.27	-72.84	2.88	8.00	H
	2144.01	-67.69	-13	-54.69	-73.89	-72.69	3.25	10.40	H
	2858.68	-67.39	-13	-54.39	-75.88	-72.87	3.87	11.50	H
	1429.34	-70.26	-13	-57.26	-73.70	-73.23	2.88	8.00	V
	2144.01	-64.59	-13	-51.59	-68.98	-69.59	3.25	10.40	V
	2858.68	-68.66	-13	-55.66	-76.03	-74.14	3.87	11.50	V

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



LTE Band 12 / 3MHz / 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	1398.3	-69.69	-13	-56.69	-73.09	-72.66	2.88	8.00	H
	2097.45	-65.31	-13	-52.31	-71.51	-70.31	3.25	10.40	H
	2796.6	-67.71	-13	-54.71	-76.20	-73.19	3.87	11.50	H
	1398.3	-69.96	-13	-56.96	-73.40	-72.93	2.88	8.00	V
	2097.45	-69.29	-13	-56.29	-73.68	-74.29	3.25	10.40	V
	2796.6	-68.82	-13	-55.82	-76.19	-74.30	3.87	11.50	V
Middle	1412.3	-68.94	-13	-55.94	-72.34	-71.91	2.88	8.00	H
	2118.45	-63.37	-13	-50.37	-69.57	-68.37	3.25	10.40	H
	2824.6	-67.69	-13	-54.69	-76.18	-73.17	3.87	11.50	H
	1412.3	-70.24	-13	-57.24	-73.68	-73.21	2.88	8.00	V
	2118.45	-69.27	-13	-56.27	-73.66	-74.27	3.25	10.40	V
	2824.6	-68.79	-13	-55.79	-76.16	-74.27	3.87	11.50	V
Highest	1427	-67.05	-13	-54.05	-70.45	-70.02	2.88	8.00	H
	2140.5	-64.71	-13	-51.71	-70.91	-69.71	3.25	10.40	H
	2854	-67.88	-13	-54.88	-76.37	-73.36	3.87	11.50	H
	1427	-69.15	-13	-56.15	-72.59	-72.12	2.88	8.00	V
	2140.5	-69.82	-13	-56.82	-74.21	-74.82	3.25	10.40	V
	2854	-69.13	-13	-56.13	-76.50	-74.61	3.87	11.50	V

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



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	1398.5	-69.92	-13	-56.92	-73.32	-72.89	2.88	8.00	H
	2097.75	-65.20	-13	-52.20	-71.40	-70.20	3.25	10.40	H
	2797	-68.02	-13	-55.02	-76.51	-73.50	3.87	11.50	H
	1398.5	-70.22	-13	-57.22	-73.66	-73.19	2.88	8.00	V
	2097.75	-70.70	-13	-57.70	-75.09	-75.70	3.25	10.40	V
	2797	-69.06	-13	-56.06	-76.43	-74.54	3.87	11.50	V
Middle	1410.5	-69.26	-13	-56.26	-72.66	-72.23	2.88	8.00	H
	2115.75	-65.39	-13	-52.39	-71.59	-70.39	3.25	10.40	H
	2821	-67.95	-13	-54.95	-76.44	-73.43	3.87	11.50	H
	1410.5	-70.06	-13	-57.06	-73.50	-73.03	2.88	8.00	V
	2115.75	-71.03	-13	-58.03	-75.42	-76.03	3.25	10.40	V
	2821	-69.11	-13	-56.11	-76.48	-74.59	3.87	11.50	V
Highest	1422.5	-67.31	-13	-54.31	-70.71	-70.28	2.88	8.00	H
	2133.75	-64.00	-13	-51.00	-70.20	-69.00	3.25	10.40	H
	2845	-68.11	-13	-55.11	-76.60	-73.59	3.87	11.50	H
	1422.5	-70.08	-13	-57.08	-73.52	-73.05	2.88	8.00	V
	2133.75	-71.29	-13	-58.29	-75.68	-76.29	3.25	10.40	V
	2845	-69.30	-13	-56.30	-76.67	-74.78	3.87	11.50	V

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



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	1399	-70.27	-13	-57.27	-73.67	-73.24	2.88	8.00	H
	2098.5	-64.47	-13	-51.47	-70.67	-69.47	3.25	10.40	H
	2798	-68.00	-13	-55.00	-76.49	-73.48	3.87	11.50	H
	1399	-70.23	-13	-57.23	-73.67	-73.20	2.88	8.00	V
	2098.5	-70.68	-13	-57.68	-75.07	-75.68	3.25	10.40	V
	2798	-69.11	-13	-56.11	-76.48	-74.59	3.87	11.50	V
Middle	1406	-69.88	-13	-56.88	-73.28	-72.85	2.88	8.00	H
	2109	-63.98	-13	-50.98	-70.18	-68.98	3.25	10.40	H
	2812	-68.01	-13	-55.01	-76.50	-73.49	3.87	11.50	H
	1406	-70.06	-13	-57.06	-73.50	-73.03	2.88	8.00	V
	2109	-70.37	-13	-57.37	-74.76	-75.37	3.25	10.40	V
	2812	-69.16	-13	-56.16	-76.53	-74.64	3.87	11.50	V
Highest	1413	-70.05	-13	-57.05	-73.45	-73.02	2.88	8.00	H
	2119.5	-64.37	-13	-51.37	-70.57	-69.37	3.25	10.40	H
	2826	-68.03	-13	-55.03	-76.52	-73.51	3.87	11.50	H
	1413	-70.44	-13	-57.44	-73.88	-73.41	2.88	8.00	V
	2119.5	-70.95	-13	-57.95	-75.34	-75.95	3.25	10.40	V
	2826	-69.16	-13	-56.16	-76.53	-74.64	3.87	11.50	V

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

**LTE Band 17**

LTE Band 17 / 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	1408.68	-69.99	-13	-56.99	-73.39	-72.96	2.88	8.00	H
	2113.02	-62.04	-13	-49.04	-68.24	-67.04	3.25	10.40	H
	2817.36	-68.00	-13	-55.00	-76.49	-73.48	3.87	11.50	H
	1408.68	-70.59	-13	-57.59	-74.03	-73.56	2.88	8.00	V
	2113.02	-67.17	-13	-54.17	-71.56	-72.17	3.25	10.40	V
	2817.36	-69.19	-13	-56.19	-76.56	-74.67	3.87	11.50	V
Middle	1415.68	-70.68	-13	-57.68	-74.08	-73.65	2.88	8.00	H
	2123.58	-61.34	-13	-48.34	-67.54	-66.34	3.25	10.40	H
	2831.36	-68.15	-13	-55.15	-76.64	-73.63	3.87	11.50	H
	1415.68	-70.51	-13	-57.51	-73.95	-73.48	2.88	8.00	V
	2123.58	-68.23	-13	-55.23	-72.62	-73.23	3.25	10.40	V
	2831.36	-69.31	-13	-56.31	-76.68	-74.79	3.87	11.50	V
Highest	1422.68	-70.89	-13	-57.89	-74.29	-73.86	2.88	8.00	H
	2134.02	-61.14	-13	-48.14	-67.34	-66.14	3.25	10.40	H
	2845.36	-68.24	-13	-55.24	-76.73	-73.72	3.87	11.50	H
	1422.68	-70.62	-13	-57.62	-74.06	-73.59	2.88	8.00	V
	2134.02	-66.43	-13	-53.43	-70.82	-71.43	3.25	10.40	V
	2845.36	-69.26	-13	-56.26	-76.63	-74.74	3.87	11.50	V

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



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	1409.18	-69.95	-13	-56.95	-73.35	-72.92	2.88	8.00	H
	2113.77	-59.99	-13	-46.99	-66.19	-64.99	3.25	10.40	H
	2818.36	-67.99	-13	-54.99	-76.48	-73.47	3.87	11.50	H
	1409.18	-70.40	-13	-57.40	-73.84	-73.37	2.88	8.00	V
	2113.77	-65.66	-13	-52.66	-70.05	-70.66	3.25	10.40	V
	2818.36	-69.16	-13	-56.16	-76.53	-74.64	3.87	11.50	V
Middle	1411.18	-69.99	-13	-56.99	-73.39	-72.96	2.88	8.00	H
	2116.77	-60.93	-13	-47.93	-67.13	-65.93	3.25	10.40	H
	2822.36	-68.09	-13	-55.09	-76.58	-73.57	3.87	11.50	H
	1411.18	-70.46	-13	-57.46	-73.90	-73.43	2.88	8.00	V
	2116.77	-67.57	-13	-54.57	-71.96	-72.57	3.25	10.40	V
	2822.36	-69.23	-13	-56.23	-76.60	-74.71	3.87	11.50	V
Highest	1413.18	-70.52	-13	-57.52	-73.92	-73.49	2.88	8.00	H
	2119.77	-58.04	-13	-45.04	-64.24	-63.04	3.25	10.40	H
	2826.36	-68.10	-13	-55.10	-76.59	-73.58	3.87	11.50	H
	1413.18	-70.71	-13	-57.71	-74.15	-73.68	2.88	8.00	V
	2119.77	-65.42	-13	-52.42	-69.81	-70.42	3.25	10.40	V
	2826.36	-69.23	-13	-56.23	-76.60	-74.71	3.87	11.50	V

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