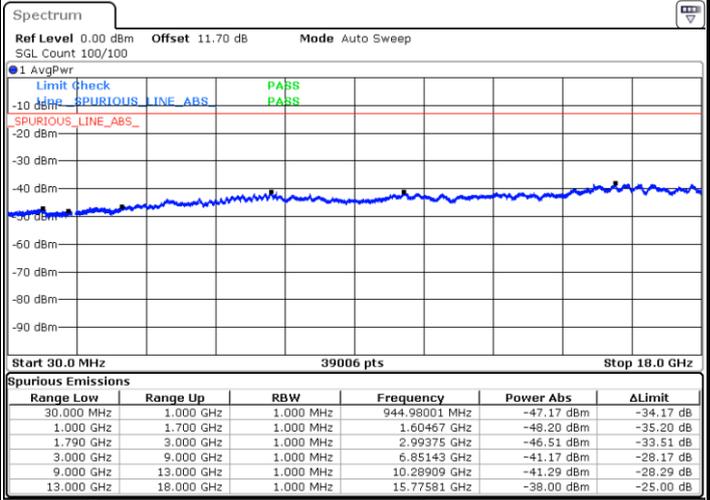
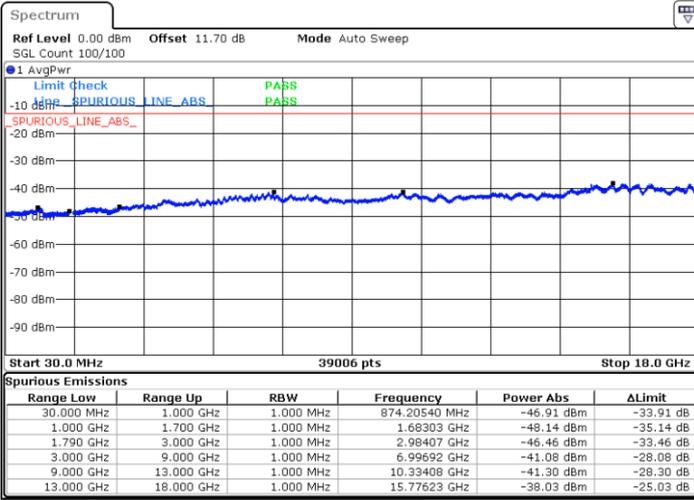




LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

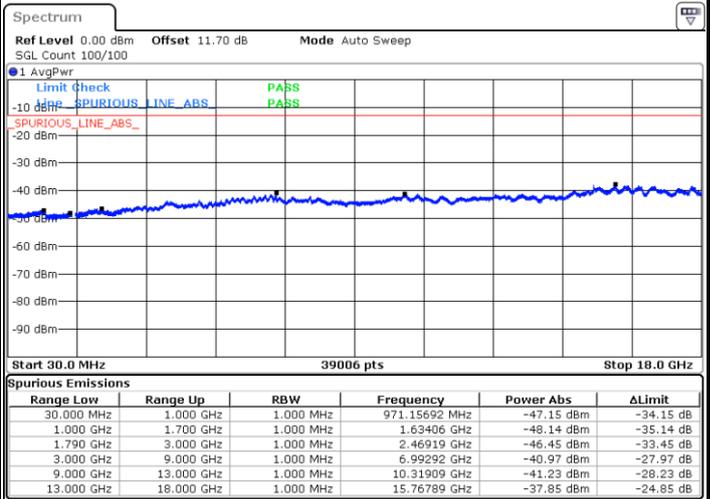
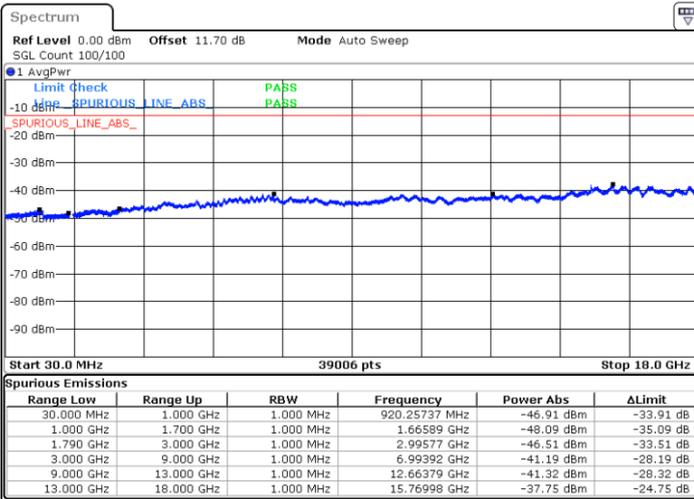


Date: 7.SEP.2017 00:22:03

Date: 7.SEP.2017 00:22:58

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 7.SEP.2017 00:29:07

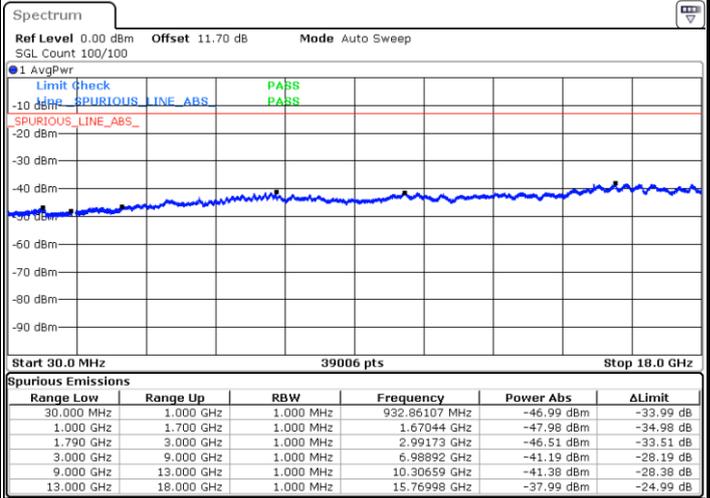
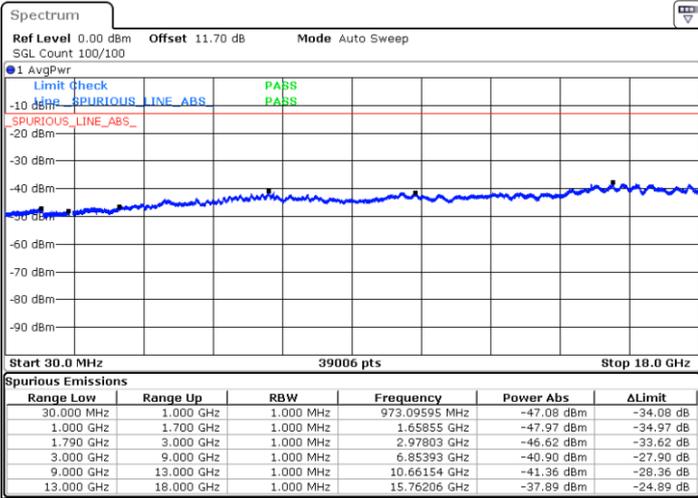
Date: 7.SEP.2017 00:30:01



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

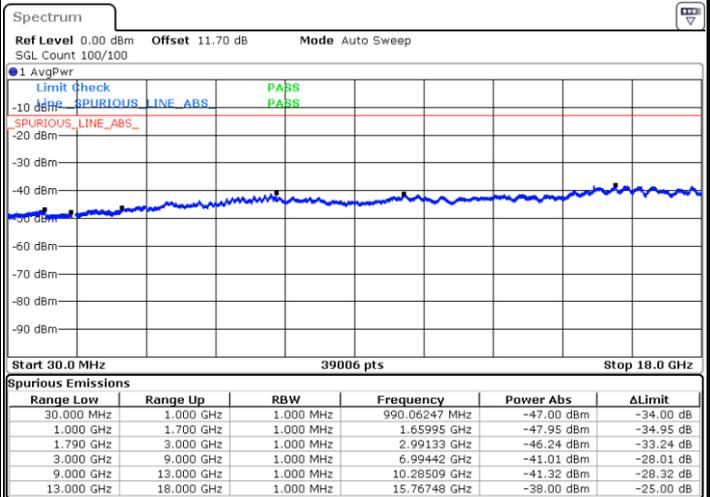
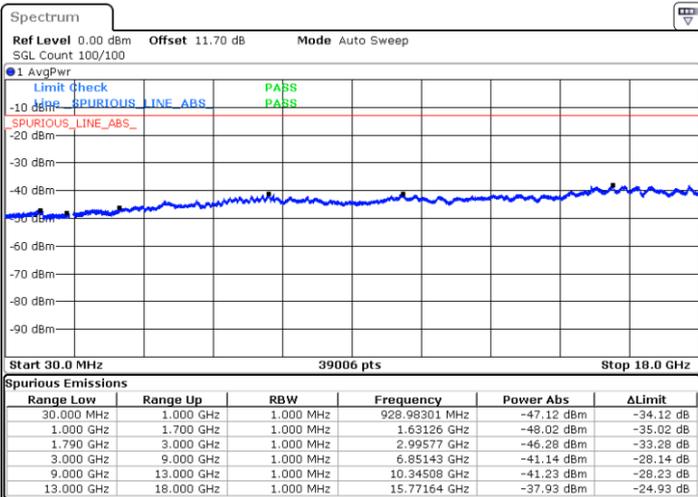


Date: 7.SEP.2017 00:36:11

Date: 7.SEP.2017 00:37:06

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 7.SEP.2017 00:38:40

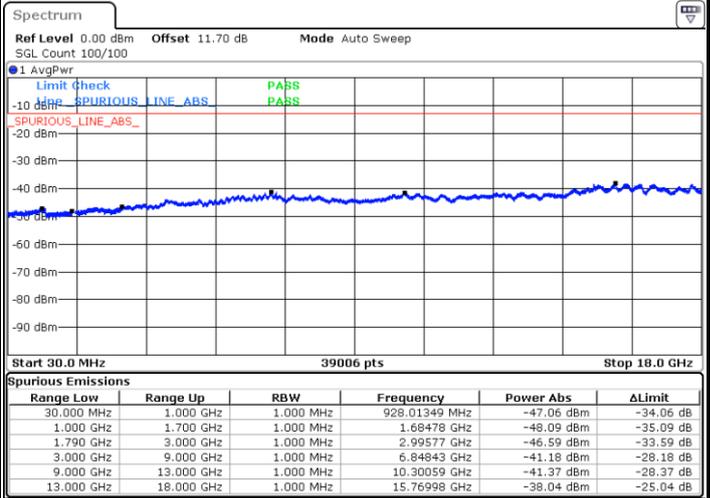
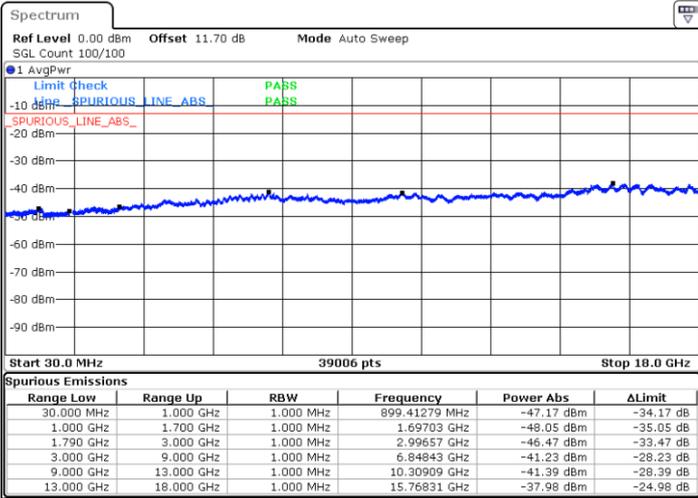
Date: 7.SEP.2017 00:39:35



LTE Band 66 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



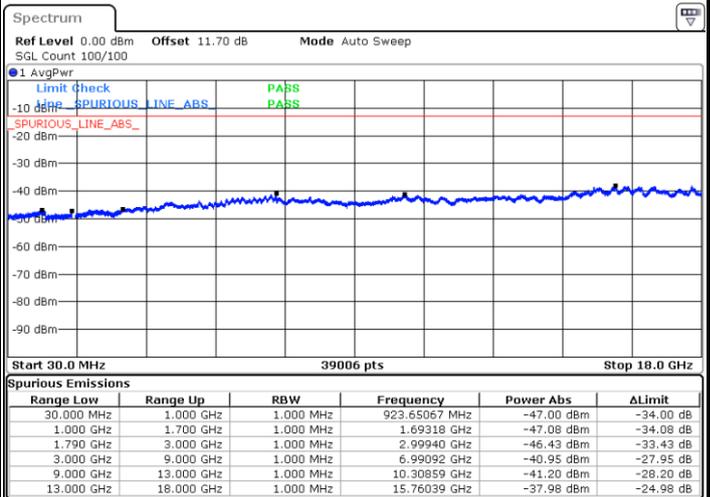
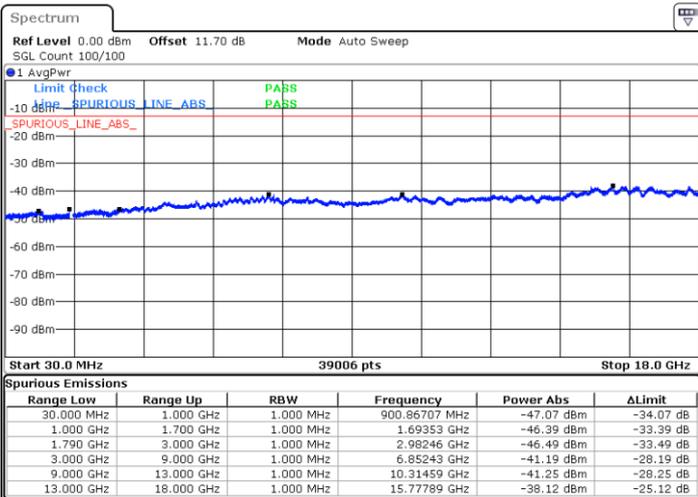
Date: 7.SEP.2017 00:45:44

Date: 7.SEP.2017 00:46:39

LTE Band 66 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 7.SEP.2017 00:52:48

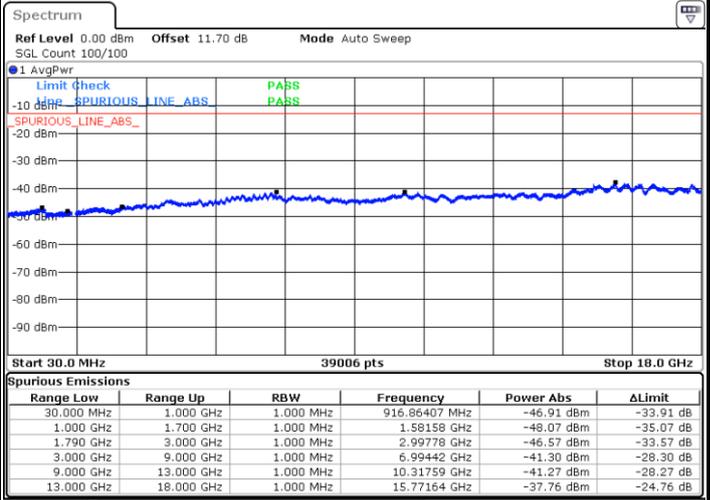
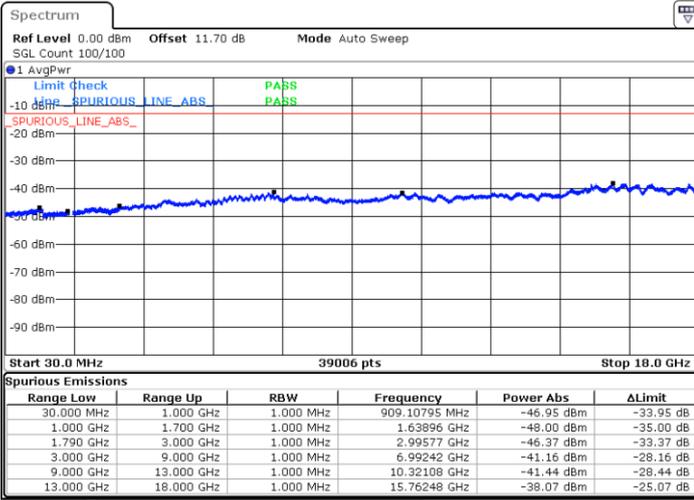
Date: 7.SEP.2017 00:53:43



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

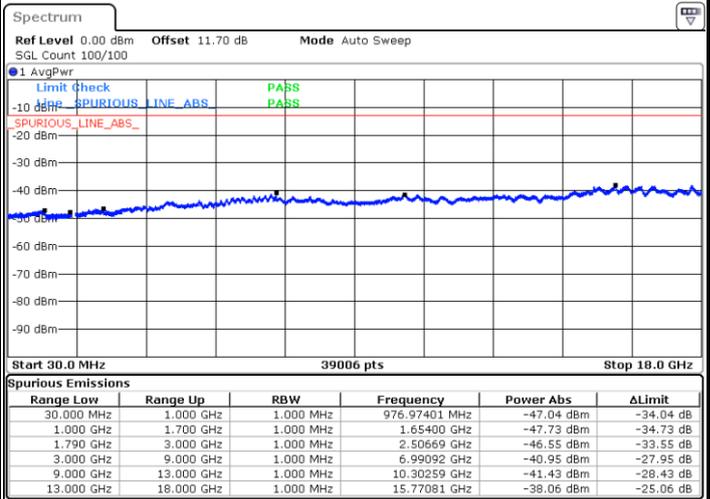
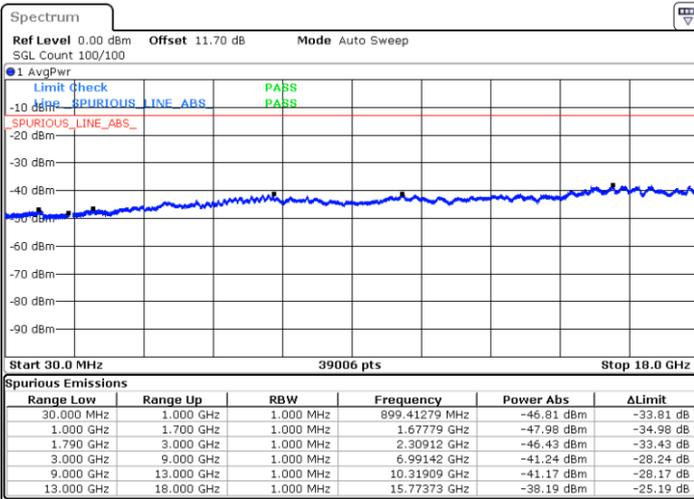


Date: 7.SEP.2017 00:55:17

Date: 7.SEP.2017 00:56:12

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 7.SEP.2017 01:02:21

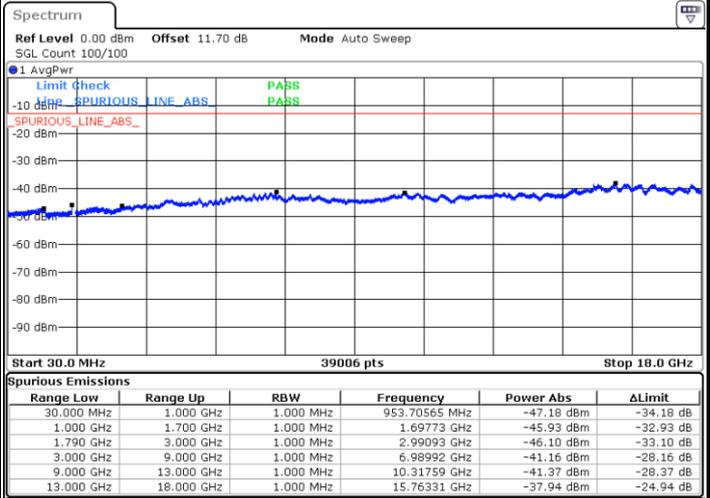
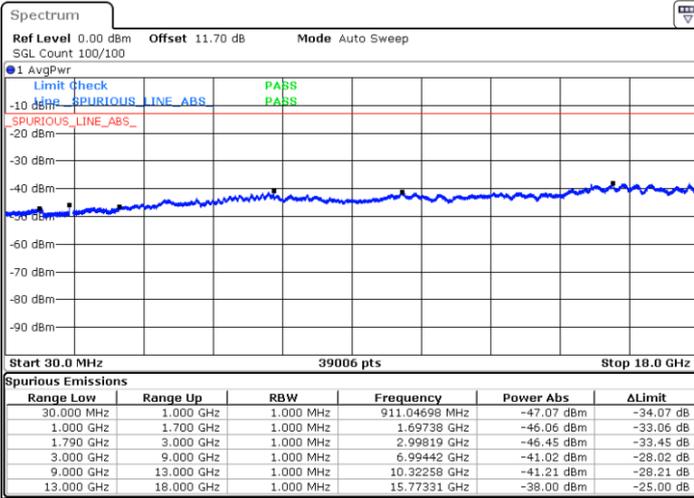
Date: 7.SEP.2017 01:03:16



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

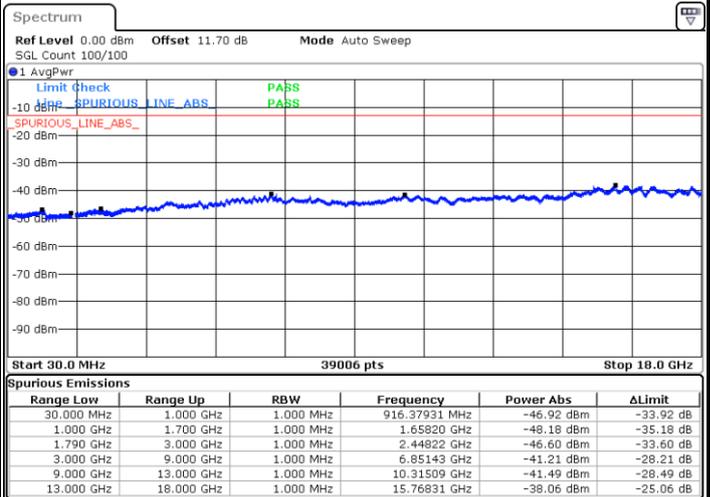
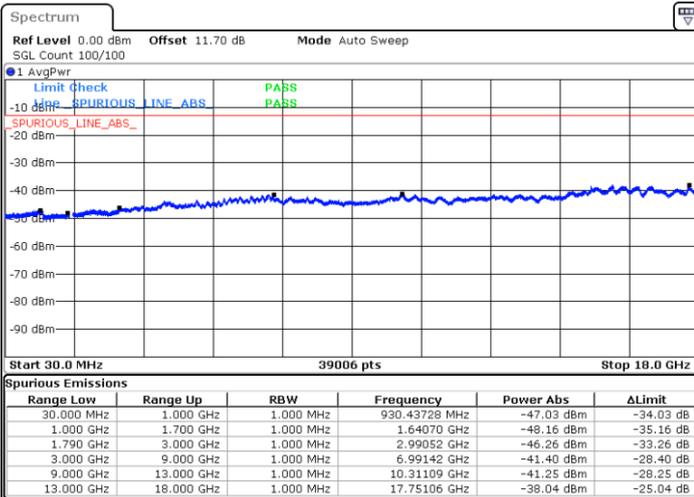


Date: 7.SEP.2017 01:09:25

Date: 7.SEP.2017 01:10:19

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 7.SEP.2017 09:11:13

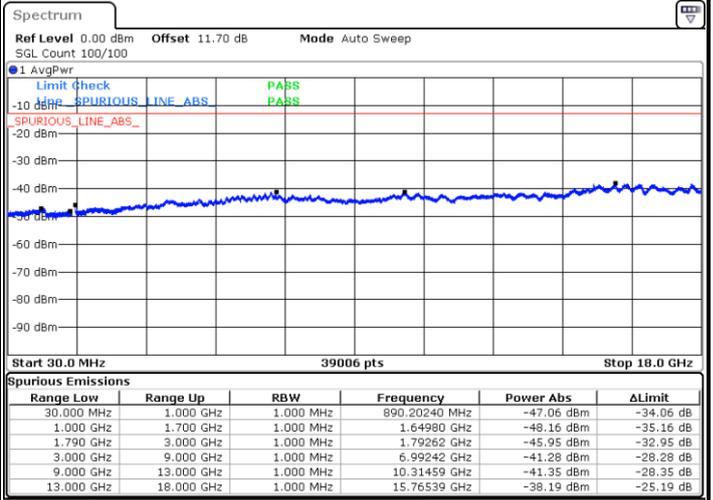
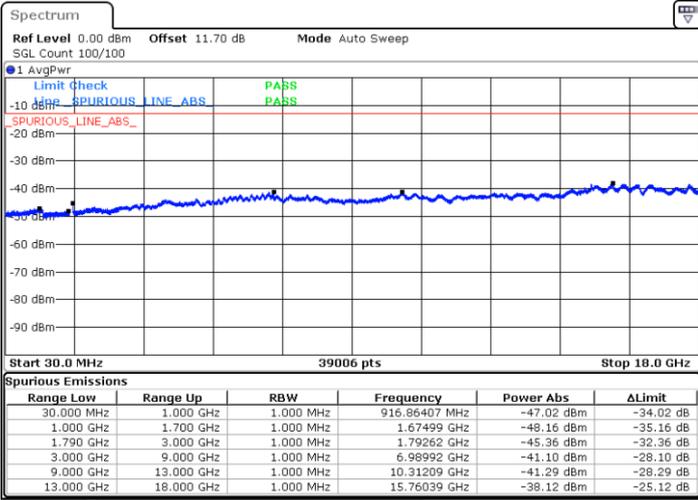
Date: 7.SEP.2017 09:12:08



LTE Band 66 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



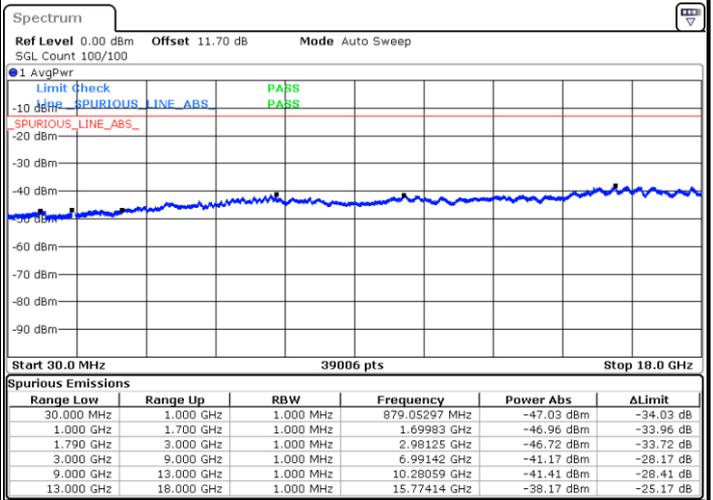
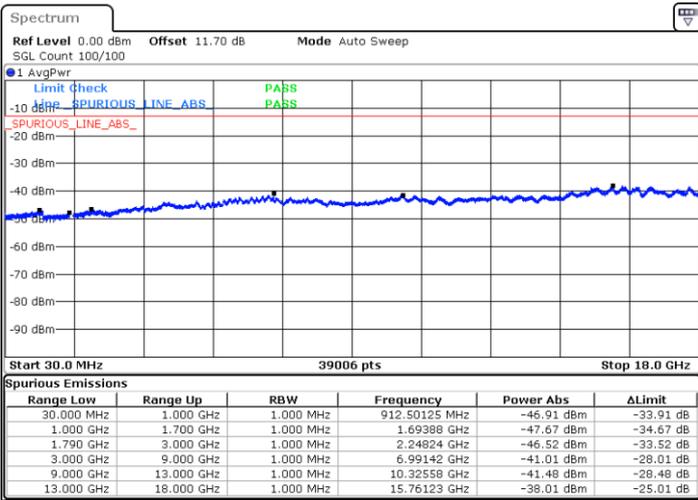
Date: 7.SEP.2017 09:13:02

Date: 7.SEP.2017 09:13:57

LTE Band 66 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 7.SEP.2017 09:20:06

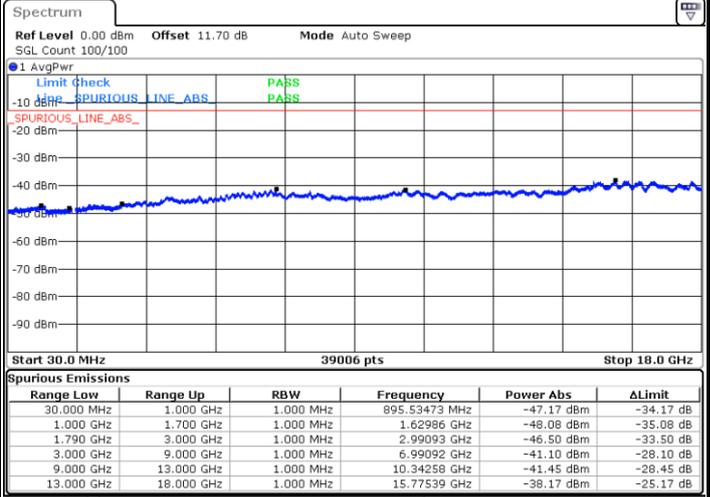
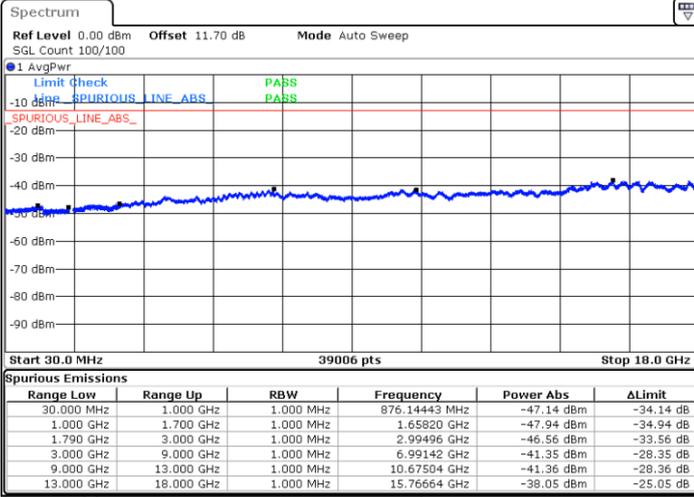
Date: 7.SEP.2017 09:21:01



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

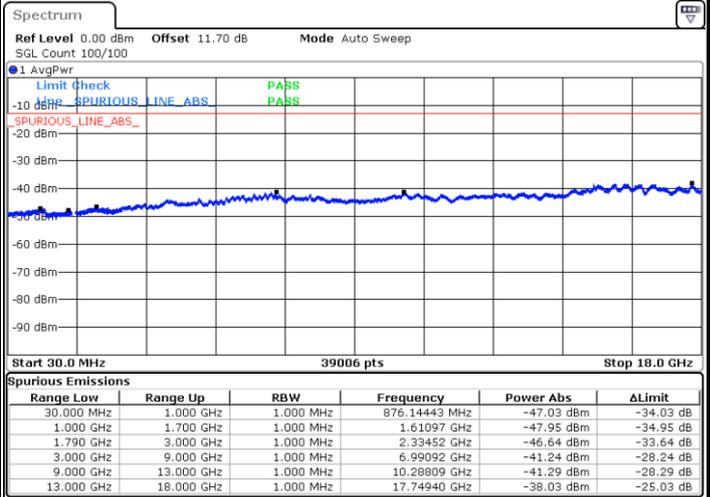
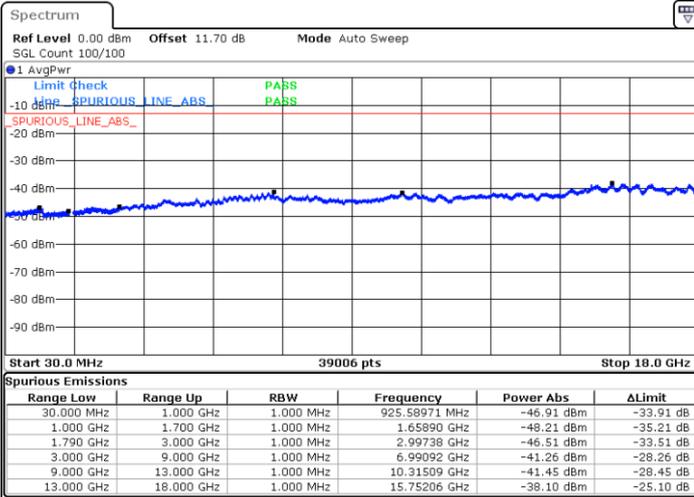


Date: 7.SEP.2017 09:22:36

Date: 7.SEP.2017 09:23:31

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 7.SEP.2017 09:29:40

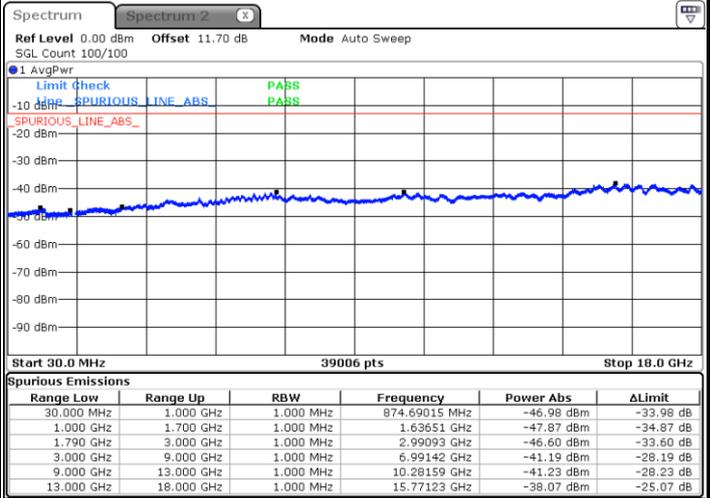
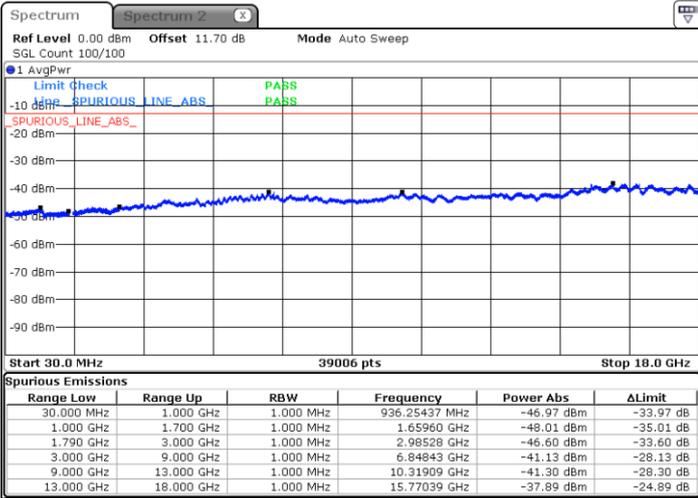
Date: 7.SEP.2017 09:30:34



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

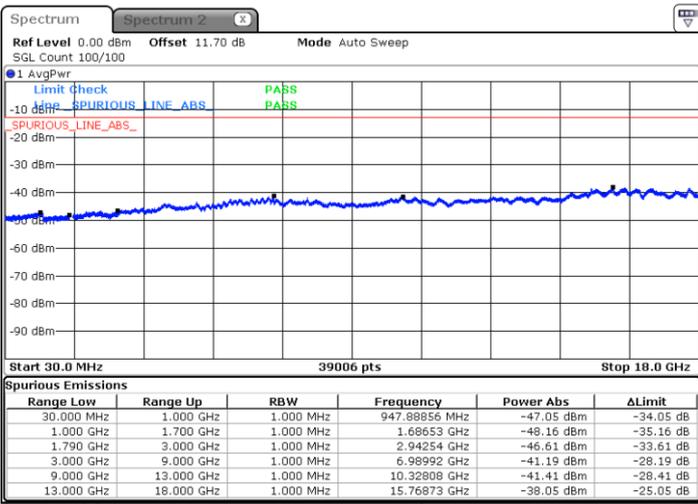
Middle Channel / 64QAM



Date: 27.OCT.2017 18:40:26

Date: 27.OCT.2017 18:41:41

Highest Channel / 64QAM

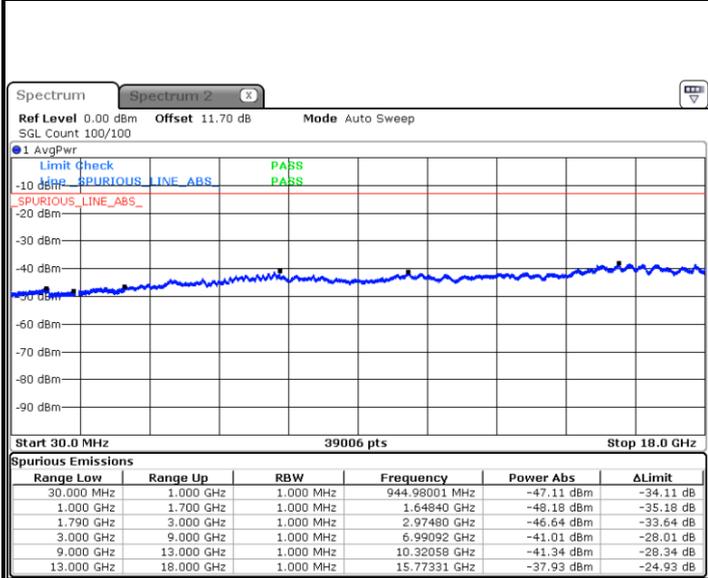


Date: 27.OCT.2017 18:45:13



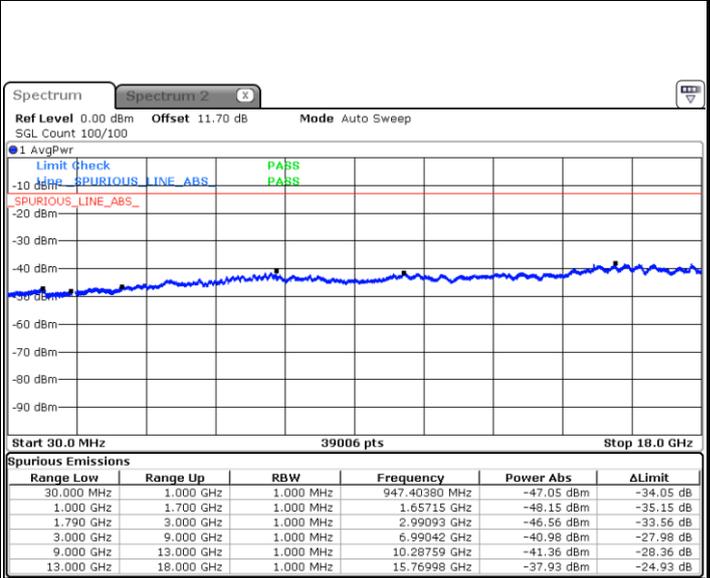
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



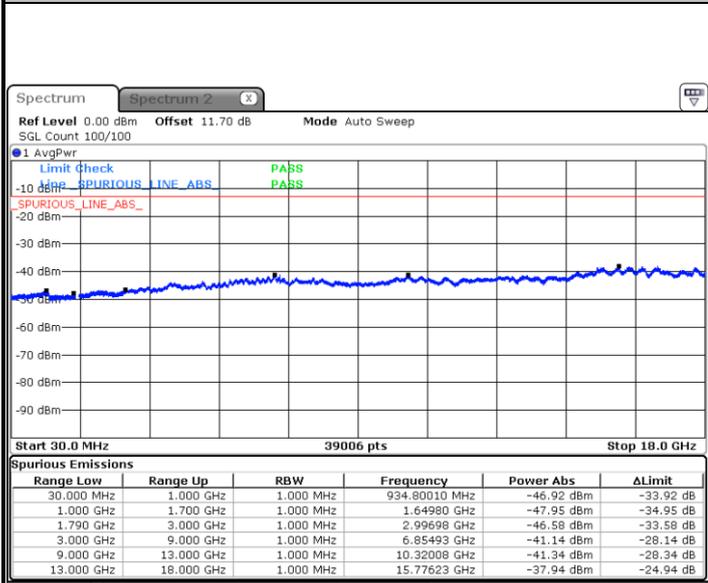
Date: 27.OCT.2017 17:46:52

Middle Channel / 64QAM



Date: 27.OCT.2017 17:48:07

Highest Channel / 64QAM



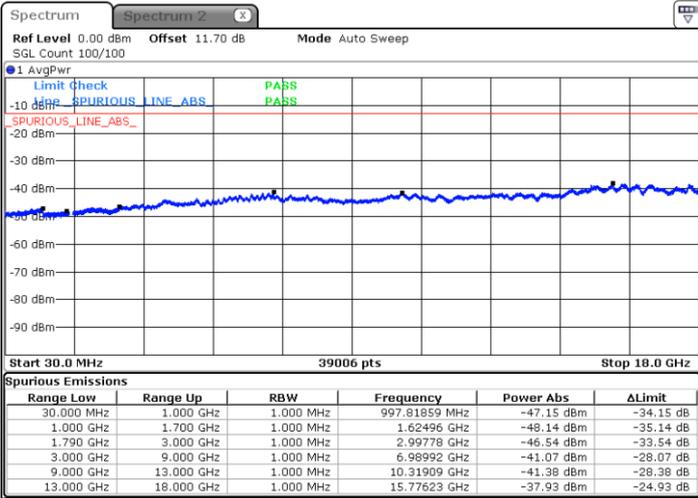
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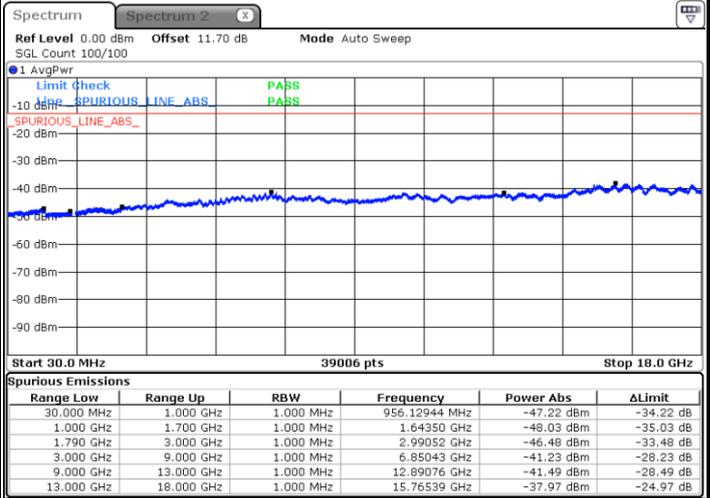
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

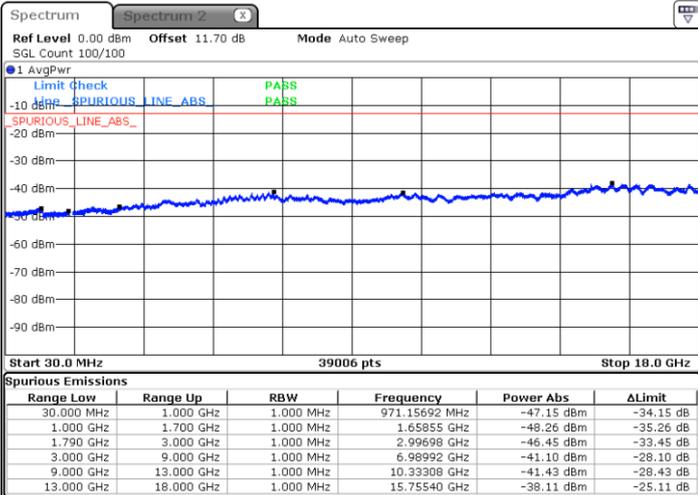


Date: 27.OCT.2017 17:55:10



Date: 27.OCT.2017 17:56:25

Highest Channel / 64QAM



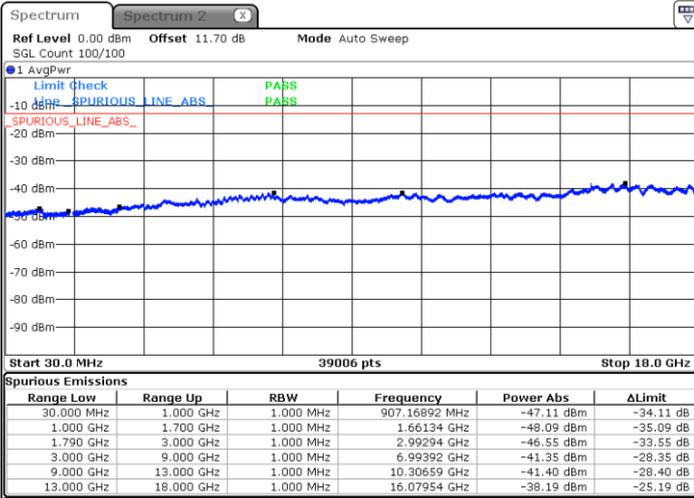
Date: 27.OCT.2017 17:59:57



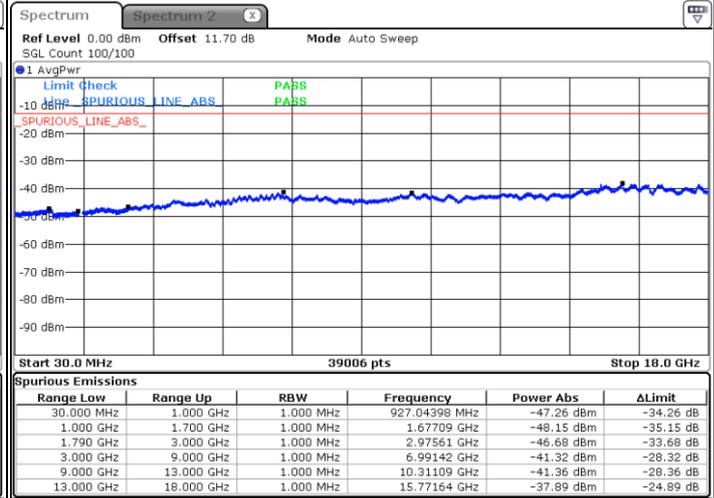
LTE Band 66 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

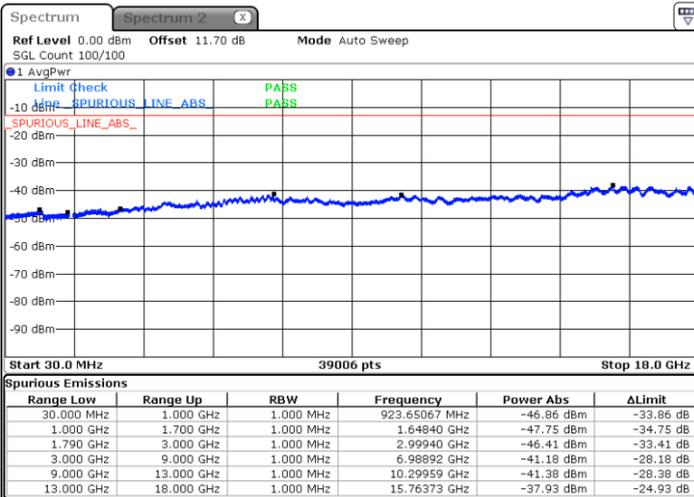


Date: 27.OCT.2017 18:03:29



Date: 27.OCT.2017 18:04:44

Highest Channel / 64QAM



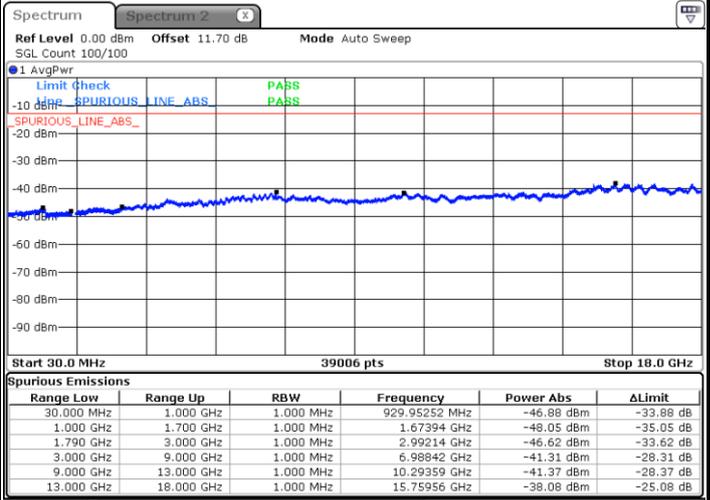
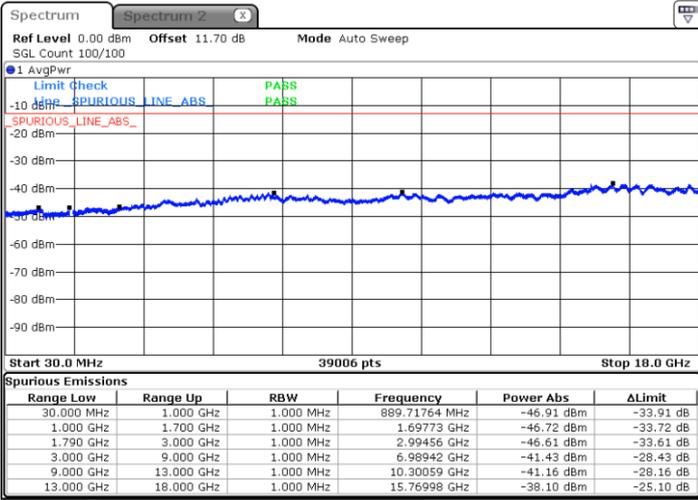
Date: 27.OCT.2017 18:08:16



LTE Band 66 / 15MHz

Lowest Channel / 64QAM

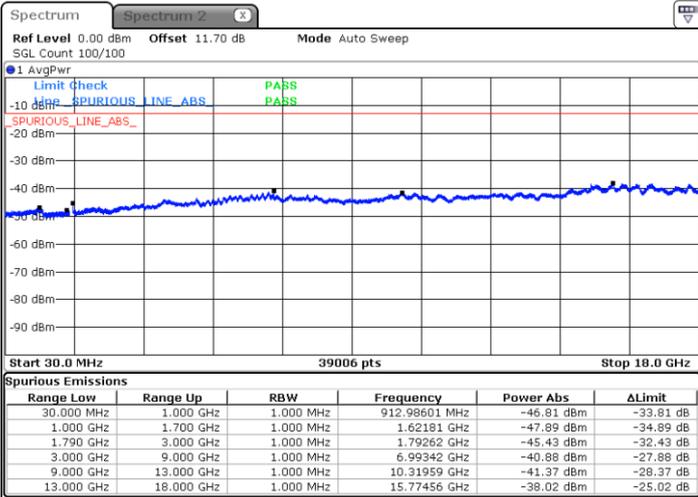
Middle Channel / 64QAM



Date: 27.OCT.2017 18:11:48

Date: 27.OCT.2017 18:13:02

Highest Channel / 64QAM



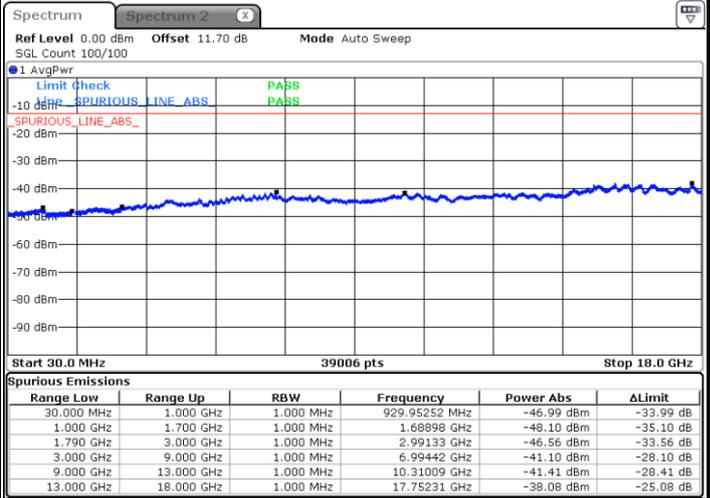
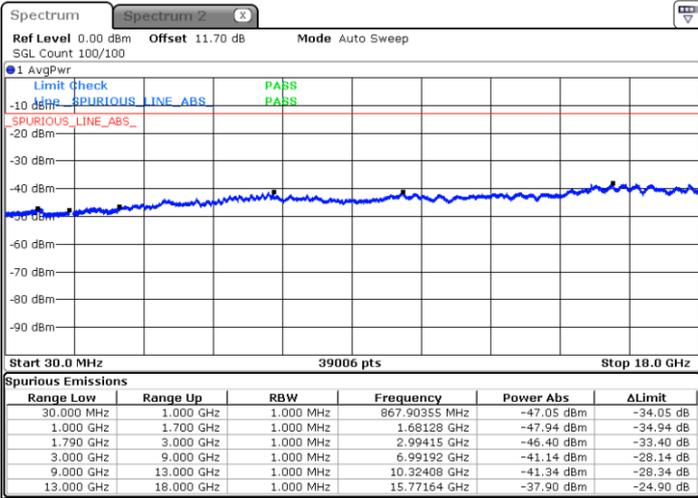
Date: 27.OCT.2017 18:16:34



LTE Band 66 / 20MHz

Lowest Channel / 64QAM

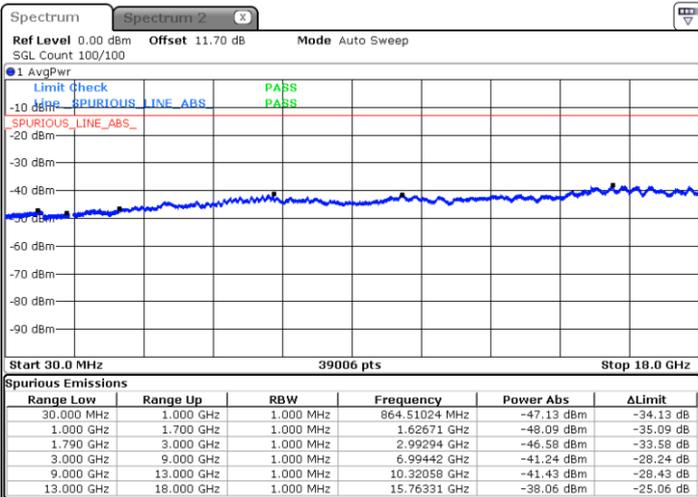
Middle Channel / 64QAM



Date: 27.OCT.2017 18:20:06

Date: 27.OCT.2017 18:21:21

Highest Channel / 64QAM



Date: 27.OCT.2017 18:24:53



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0091	PASS
40	Normal Voltage	0.0085	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0093	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0084	
-30	Normal Voltage	0.0090	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0092	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 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 = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.91	0.2460	22.81	0.1910
Middle		1	0	23.98	0.2500	22.88	0.1941
Highest		1	0	23.83	0.2415	22.73	0.1875
Lowest	16QAM	1	3	22.97	0.1982	21.87	0.1538
Middle		1	3	23.00	0.1995	21.90	0.1549
Highest		1	3	22.83	0.1919	21.73	0.1489
Lowest	64QAM	1	0	21.81	0.1517	20.71	0.1178
Middle		1	0	21.93	0.1560	20.83	0.1211
Highest		1	0	22.00	0.1585	20.90	0.1230
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.83	0.2415	22.73	0.1875
Middle		1	14	23.90	0.2455	22.80	0.1905
Highest		1	14	23.84	0.2421	22.74	0.1879
Lowest	16QAM	1	0	22.98	0.1986	21.88	0.1542
Middle		1	0	23.00	0.1995	21.90	0.1549
Highest		1	0	22.98	0.1986	21.88	0.1542
Lowest	64QAM	1	0	21.98	0.1578	20.88	0.1225
Middle		1	0	21.99	0.1581	20.89	0.1227
Highest		1	0	22.00	0.1585	20.90	0.1230
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.90	0.2455	22.80	0.1905
Middle		1	12	23.94	0.2477	22.84	0.1923
Highest		1	12	23.89	0.2449	22.79	0.1901
Lowest	16QAM	1	0	22.88	0.1941	21.78	0.1507
Middle		1	0	23.00	0.1995	21.90	0.1549
Highest		1	0	22.96	0.1977	21.86	0.1535
Lowest	64QAM	1	0	21.87	0.1538	20.77	0.1194
Middle		1	0	22.00	0.1585	20.90	0.1230
Highest		1	0	21.91	0.1552	20.81	0.1205
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	23.71	0.2350	22.61	0.1824
Middle		1	25	23.96	0.2489	22.86	0.1932
Highest		1	25	23.94	0.2477	22.84	0.1923
Lowest	16QAM	1	25	22.91	0.1954	21.81	0.1517
Middle		1	25	23.00	0.1995	21.90	0.1549
Highest		1	25	23.00	0.1995	21.90	0.1549
Lowest	64QAM	1	49	21.93	0.1560	20.83	0.1211
Middle		1	49	22.00	0.1585	20.90	0.1230
Highest		1	49	22.00	0.1585	20.90	0.1230
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.84	0.2421	22.74	0.1879
Middle		1	0	23.95	0.2483	22.85	0.1928
Highest		1	0	23.82	0.2410	22.72	0.1871
Lowest	16QAM	1	0	23.00	0.1995	21.90	0.1549
Middle		1	0	22.90	0.1950	21.80	0.1514
Highest		1	0	23.00	0.1995	21.90	0.1549
Lowest	64QAM	1	74	21.91	0.1552	20.81	0.1205
Middle		1	74	22.00	0.1585	20.90	0.1230
Highest		1	74	21.99	0.1581	20.89	0.1227
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.92	0.2466	22.82	0.1914
Middle		1	0	24.00	0.2512	22.90	0.1950
Highest		1	0	23.87	0.2438	22.77	0.1892
Lowest	16QAM	1	0	22.93	0.1963	21.83	0.1524
Middle		1	0	22.98	0.1986	21.88	0.1542
Highest		1	0	23.00	0.1995	21.90	0.1549
Lowest	64QAM	1	49	22.07	0.1611	20.97	0.1250
Middle		1	49	22.10	0.1622	21.00	0.1259
Highest		1	49	22.20	0.1660	21.10	0.1288
Limit	EIRP < 2W			Result		PASS	



LTE Band 25 / 1.4MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	22.10	0.1622	21.00	0.1259
Middle		3	3	22.28	0.1690	21.18	0.1312
Highest		3	3	22.36	0.1722	21.26	0.1337
Lowest	16QAM	3	1	21.39	0.1377	20.29	0.1069
Middle		3	1	21.47	0.1403	20.37	0.1089
Highest		3	1	21.44	0.1393	20.34	0.1081
Lowest	64QAM	1	0	20.34	0.1081	19.24	0.0839
Middle		1	0	20.20	0.1047	19.10	0.0813
Highest		1	0	20.50	0.1122	19.40	0.0871
Limit	EIRP < 2W		Result		PASS		

LTE Band 25 / 3MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	22.18	0.1652	21.08	0.1282
Middle		1	8	22.28	0.1690	21.18	0.1312
Highest		1	8	22.41	0.1742	21.31	0.1352
Lowest	16QAM	1	14	21.45	0.1396	20.35	0.1084
Middle		1	14	21.50	0.1413	20.40	0.1096
Highest		1	14	21.39	0.1377	20.29	0.1069
Lowest	64QAM	1	8	20.50	0.1122	19.40	0.0871
Middle		1	8	20.30	0.1072	19.20	0.0832
Highest		1	8	20.50	0.1122	19.40	0.0871
Limit	EIRP < 2W		Result		PASS		

LTE Band 25 / 5MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.21	0.1663	21.11	0.1291
Middle		1	0	22.33	0.1710	21.23	0.1327
Highest		1	0	22.48	0.1770	21.38	0.1374
Lowest	16QAM	1	0	21.49	0.1409	20.39	0.1094
Middle		1	0	21.50	0.1413	20.40	0.1096
Highest		1	0	21.08	0.1282	19.98	0.0995
Lowest	64QAM	1	0	20.30	0.1072	19.20	0.0832
Middle		1	0	20.35	0.1084	19.25	0.0841
Highest		1	0	20.50	0.1122	19.40	0.0871
Limit	EIRP < 2W		Result		PASS		



LTE Band 25 / 10MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.23	0.1671	21.13	0.1297
Middle		1	25	22.46	0.1762	21.36	0.1368
Highest		1	25	22.48	0.1770	21.38	0.1374
Lowest	16QAM	1	49	21.18	0.1312	20.08	0.1019
Middle		1	49	21.29	0.1346	20.19	0.1045
Highest		1	49	21.50	0.1413	20.40	0.1096
Lowest	64QAM	1	25	20.41	0.1099	19.31	0.0853
Middle		1	25	20.31	0.1074	19.21	0.0834
Highest		1	25	20.50	0.1122	19.40	0.0871
Limit	EIRP < 2W		Result		PASS		

LTE Band 25 / 15MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.23	0.1671	21.13	0.1297
Middle		1	0	22.47	0.1766	21.37	0.1371
Highest		1	0	22.27	0.1687	21.17	0.1309
Lowest	16QAM	1	0	21.45	0.1396	20.35	0.1084
Middle		1	0	21.35	0.1365	20.25	0.1059
Highest		1	0	21.50	0.1413	20.40	0.1096
Lowest	64QAM	1	37	20.45	0.1109	19.35	0.0861
Middle		1	37	20.23	0.1054	19.13	0.0818
Highest		1	37	20.50	0.1122	19.40	0.0871
Limit	EIRP < 2W		Result		PASS		

LTE Band 25 / 20MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.38	0.1730	21.28	0.1343
Middle		1	0	22.48	0.1770	21.38	0.1374
Highest		1	0	22.49	0.1774	21.39	0.1377
Lowest	16QAM	1	49	21.28	0.1343	20.18	0.1042
Middle		1	49	21.35	0.1365	20.25	0.1059
Highest		1	49	21.50	0.1413	20.40	0.1096
Lowest	64QAM	1	99	20.31	0.1074	19.21	0.0834
Middle		1	99	20.50	0.1122	19.40	0.0871
Highest		1	99	20.36	0.1086	19.26	0.0843
Limit	EIRP < 2W		Result		PASS		



LTE Band 4 / 1.4MHz (Average) (GT - LC = -1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	24.08	0.2559	22.78	0.1897
Middle		1	3	24.21	0.2636	22.91	0.1954
Highest		1	3	24.42	0.2767	23.12	0.2051
Lowest	16QAM	1	3	23.20	0.2089	21.90	0.1549
Middle		1	3	23.49	0.2234	22.19	0.1656
Highest		1	3	23.39	0.2183	22.09	0.1618
Lowest	64QAM	1	3	22.21	0.1663	20.91	0.1233
Middle		1	3	22.42	0.1746	21.12	0.1294
Highest		1	3	22.46	0.1762	21.16	0.1306
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.17	0.2612	22.87	0.1936
Middle		1	0	24.29	0.2685	22.99	0.1991
Highest		1	0	24.48	0.2805	23.18	0.2080
Lowest	16QAM	1	8	23.33	0.2153	22.03	0.1596
Middle		1	8	23.50	0.2239	22.20	0.1660
Highest		1	8	23.36	0.2168	22.06	0.1607
Lowest	64QAM	1	0	22.22	0.1667	20.92	0.1236
Middle		1	0	22.47	0.1766	21.17	0.1309
Highest		1	0	22.46	0.1762	21.16	0.1306
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	24.08	0.2559	22.78	0.1897
Middle		1	12	24.32	0.2704	23.02	0.2004
Highest		1	12	24.48	0.2805	23.18	0.2080
Lowest	16QAM	1	12	23.26	0.2118	21.96	0.1570
Middle		1	12	23.50	0.2239	22.20	0.1660
Highest		1	12	23.42	0.2198	22.12	0.1629
Lowest	64QAM	1	12	22.26	0.1683	20.96	0.1247
Middle		1	12	22.46	0.1762	21.16	0.1306
Highest		1	12	22.46	0.1762	21.16	0.1306
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.11	0.2576	22.81	0.1910
Middle		1	0	24.39	0.2748	23.09	0.2037
Highest		1	0	24.46	0.2793	23.16	0.2070
Lowest	16QAM	1	0	23.30	0.2138	22.00	0.1585
Middle		1	0	23.49	0.2234	22.19	0.1656
Highest		1	0	23.35	0.2163	22.05	0.1603
Lowest	64QAM	1	0	22.28	0.1690	20.98	0.1253
Middle		1	0	22.49	0.1774	21.19	0.1315
Highest		1	0	22.43	0.1750	21.13	0.1297
Limit	EIRP < 1W		Result		PASS		

LTE Band 4 / 15MHz (Average) (GT - LC = -1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.96	0.2489	22.66	0.1845
Middle		1	0	24.15	0.2600	22.85	0.1928
Highest		1	0	24.29	0.2685	22.99	0.1991
Lowest	16QAM	1	74	23.29	0.2133	21.99	0.1581
Middle		1	74	23.47	0.2223	22.17	0.1648
Highest		1	74	23.33	0.2153	22.03	0.1596
Lowest	64QAM	1	37	22.32	0.1706	21.02	0.1265
Middle		1	37	22.47	0.1766	21.17	0.1309
Highest		1	37	22.40	0.1738	21.10	0.1288
Limit	EIRP < 1W		Result		PASS		

LTE Band 4 / 20MHz (Average) (GT - LC = -1.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.47	0.2799	23.17	0.2075
Middle		1	0	24.16	0.2606	22.86	0.1932
Highest		1	0	24.50	0.2818	23.20	0.2089
Lowest	16QAM	1	0	23.42	0.2198	22.12	0.1629
Middle		1	0	23.50	0.2239	22.20	0.1660
Highest		1	0	23.32	0.2148	22.02	0.1592
Lowest	64QAM	1	0	22.43	0.1750	21.13	0.1297
Middle		1	0	22.48	0.1770	21.18	0.1312
Highest		1	0	22.50	0.1778	21.20	0.1318
Limit	EIRP < 1W		Result		PASS		



LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.39	0.2748	20.14	0.1033
Middle		3	1	24.10	0.2570	19.85	0.0966
Highest		3	1	24.18	0.2618	19.93	0.0984
Lowest	16QAM	1	3	23.50	0.2239	19.25	0.0841
Middle		1	3	23.26	0.2118	19.01	0.0796
Highest		1	3	23.21	0.2094	18.96	0.0787
Lowest	64QAM	1	3	22.50	0.1778	18.25	0.0668
Middle		1	3	22.19	0.1656	17.94	0.0622
Highest		1	3	22.30	0.1698	18.05	0.0638
Limit	ERP < 7W		Result		PASS		

LTE Band 5 / 3MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.31	0.2698	20.06	0.1014
Middle		1	0	24.06	0.2547	19.81	0.0957
Highest		1	0	23.99	0.2506	19.74	0.0942
Lowest	16QAM	1	0	23.23	0.2104	18.98	0.0791
Middle		1	0	23.43	0.2203	19.18	0.0828
Highest		1	0	23.50	0.2239	19.25	0.0841
Lowest	64QAM	1	14	22.43	0.1750	18.18	0.0658
Middle		1	14	21.95	0.1567	17.70	0.0589
Highest		1	14	22.02	0.1592	17.77	0.0598
Limit	ERP < 7W		Result		PASS		

LTE Band 5 / 5MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.11	0.2576	19.86	0.0968
Middle		1	0	23.84	0.2421	19.59	0.0910
Highest		1	0	23.97	0.2495	19.72	0.0938
Lowest	16QAM	1	12	23.50	0.2239	19.25	0.0841
Middle		1	12	23.25	0.2113	19.00	0.0794
Highest		1	12	23.14	0.2061	18.89	0.0774
Lowest	64QAM	1	24	22.19	0.1656	17.94	0.0622
Middle		1	24	22.15	0.1641	17.90	0.0617
Highest		1	24	22.50	0.1778	18.25	0.0668
Limit	ERP < 7W		Result		PASS		



LTE Band 5 / 10MHz (Average) (GT - LC = -2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.40	0.2754	20.15	0.1035
Middle		1	0	24.21	0.2636	19.96	0.0991
Highest		1	0	24.01	0.2518	19.76	0.0946
Lowest	16QAM	1	0	23.46	0.2218	19.21	0.0834
Middle		1	0	23.48	0.2228	19.23	0.0838
Highest		1	0	23.26	0.2118	19.01	0.0796
Lowest	64QAM	1	0	22.45	0.1758	18.20	0.0661
Middle		1	0	22.41	0.1742	18.16	0.0655
Highest		1	0	22.19	0.1656	17.94	0.0622
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 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	24.23	0.2649	25.43	0.3491
Middle		1	0	24.29	0.2685	25.49	0.3540
Highest		1	0	24.37	0.2735	25.57	0.3606
Lowest	16QAM	1	12	23.50	0.2239	24.70	0.2951
Middle		1	12	23.50	0.2239	24.70	0.2951
Highest		1	12	23.39	0.2183	24.59	0.2877
Lowest	64QAM	1	12	22.35	0.1718	23.55	0.2265
Middle		1	12	22.46	0.1762	23.66	0.2323
Highest		1	12	22.50	0.1778	23.70	0.2344
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 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	49	24.26	0.2667	25.46	0.3516
Middle		1	49	24.35	0.2723	25.55	0.3589
Highest		1	49	24.46	0.2793	25.66	0.3681
Lowest	16QAM	1	49	23.35	0.2163	24.55	0.2851
Middle		1	49	23.44	0.2208	24.64	0.2911
Highest		1	49	23.50	0.2239	24.70	0.2951
Lowest	64QAM	1	49	22.39	0.1734	23.59	0.2286
Middle		1	49	22.44	0.1754	23.64	0.2312
Highest		1	49	22.50	0.1778	23.70	0.2344
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 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	74	24.25	0.2661	25.45	0.3508
Middle		1	74	24.37	0.2735	25.57	0.3606
Highest		1	74	24.43	0.2773	25.63	0.3656
Lowest	16QAM	1	37	23.50	0.2239	24.70	0.2951
Middle		1	37	23.40	0.2188	24.60	0.2884
Highest		1	37	23.45	0.2213	24.65	0.2917
Lowest	64QAM	1	74	22.42	0.1746	23.62	0.2301
Middle		1	74	22.49	0.1774	23.69	0.2339
Highest		1	74	22.50	0.1778	23.70	0.2344
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 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	24.26	0.2667	25.46	0.3516
Middle		1	0	24.39	0.2748	25.59	0.3622
Highest		1	0	24.50	0.2818	25.70	0.3715
Lowest	16QAM	1	49	23.49	0.2234	24.69	0.2944
Middle		1	49	23.37	0.2173	24.57	0.2864
Highest		1	49	23.49	0.2234	24.69	0.2944
Lowest	64QAM	1	99	22.43	0.1750	23.63	0.2307
Middle		1	99	22.45	0.1758	23.65	0.2317
Highest		1	99	22.50	0.1778	23.70	0.2344
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.33	0.2710	20.68	0.1169
Middle		3	1	24.29	0.2685	20.64	0.1159
Highest		3	1	24.31	0.2698	20.66	0.1164
Lowest	16QAM	1	3	23.49	0.2234	19.84	0.0964
Middle		1	3	23.43	0.2203	19.78	0.0951
Highest		1	3	23.42	0.2198	19.77	0.0948
Lowest	64QAM	1	3	22.47	0.1766	18.82	0.0762
Middle		1	3	22.45	0.1758	18.80	0.0759
Highest		1	3	22.50	0.1778	18.85	0.0767
Limit	ERP < 3W		Result		PASS		

LTE Band 12 / 3MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.32	0.2704	20.67	0.1167
Middle		1	0	24.21	0.2636	20.56	0.1138
Highest		1	0	24.26	0.2667	20.61	0.1151
Lowest	16QAM	1	0	23.48	0.2228	19.83	0.0962
Middle		1	0	23.41	0.2193	19.76	0.0946
Highest		1	0	23.49	0.2234	19.84	0.0964
Lowest	64QAM	1	0	22.48	0.1770	18.83	0.0764
Middle		1	0	22.41	0.1742	18.76	0.0752
Highest		1	0	22.47	0.1766	18.82	0.0762
Limit	ERP < 3W		Result		PASS		

LTE Band 12 / 5MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	24.37	0.2735	20.72	0.1180
Middle		1	24	24.28	0.2679	20.63	0.1156
Highest		1	24	24.30	0.2692	20.65	0.1161
Lowest	16QAM	1	0	23.47	0.2223	19.82	0.0959
Middle		1	0	23.41	0.2193	19.76	0.0946
Highest		1	0	23.50	0.2239	19.85	0.0966
Lowest	64QAM	1	24	22.50	0.1778	18.85	0.0767
Middle		1	24	22.40	0.1738	18.75	0.0750
Highest		1	24	22.41	0.1742	18.76	0.0752
Limit	ERP < 3W		Result		PASS		



LTE Band 12 / 10MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.36	0.2729	20.71	0.1178
Middle		1	0	24.33	0.2710	20.68	0.1169
Highest		1	0	24.39	0.2748	20.74	0.1186
Lowest	16QAM	1	49	23.48	0.2228	19.83	0.0962
Middle		1	49	23.46	0.2218	19.81	0.0957
Highest		1	49	23.39	0.2183	19.74	0.0942
Lowest	64QAM	1	25	22.46	0.1762	18.81	0.0760
Middle		1	25	22.41	0.1742	18.76	0.0752
Highest		1	25	22.41	0.1742	18.76	0.0752
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -0.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.20	0.2630	21.15	0.1303
Middle		1	0	24.30	0.2692	21.25	0.1334
Highest		1	0	24.23	0.2649	21.18	0.1312
Lowest	16QAM	1	0	23.27	0.2123	20.22	0.1052
Middle		1	0	23.50	0.2239	20.45	0.1109
Highest		1	0	23.46	0.2218	20.41	0.1099
Lowest	64QAM	1	0	22.50	0.1778	19.45	0.0881
Middle		1	0	22.48	0.1770	19.43	0.0877
Highest		1	0	22.17	0.1648	19.12	0.0817
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -0.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	0	24.33	0.2710	21.28	0.1343
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	25	23.50	0.2239	20.45	0.1109
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	0	22.50	0.1778	19.45	0.0881
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.49	0.2812	20.54	0.1132
Middle		1	0	24.24	0.2655	20.29	0.1069
Highest		1	0	24.48	0.2805	20.53	0.1130
Lowest	16QAM	1	12	23.32	0.2148	19.37	0.0865
Middle		1	12	23.30	0.2138	19.35	0.0861
Highest		1	12	23.25	0.2113	19.30	0.0851
Lowest	64QAM	1	0	22.28	0.1690	18.33	0.0681
Middle		1	0	22.48	0.1770	18.53	0.0713
Highest		1	0	22.33	0.1710	18.38	0.0689
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.22	0.2642	20.27	0.1064
Middle		1	0	24.50	0.2818	20.55	0.1135
Highest		1	0	24.21	0.2636	20.26	0.1062
Lowest	16QAM	1	0	23.36	0.2168	19.41	0.0873
Middle		1	0	23.45	0.2213	19.50	0.0891
Highest		1	0	23.50	0.2239	19.55	0.0902
Lowest	64QAM	1	0	22.50	0.1778	18.55	0.0716
Middle		1	0	22.50	0.1778	18.55	0.0716
Highest		1	0	22.48	0.1770	18.53	0.0713
Limit	ERP < 3W			Result		PASS	



LTE Band 66 / 1.4MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	23.79	0.2393	23.19	0.2084
Middle		3	0	23.90	0.2455	23.30	0.2138
Highest		3	0	23.96	0.2489	23.36	0.2168
Lowest	16QAM	1	0	22.75	0.1884	22.15	0.1641
Middle		1	0	23.00	0.1995	22.40	0.1738
Highest		1	0	22.93	0.1963	22.33	0.1710
Lowest	64QAM	1	3	21.75	0.1496	21.15	0.1303
Middle		1	3	21.93	0.1560	21.33	0.1358
Highest		1	3	22.00	0.1585	21.40	0.1380
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.59	0.2286	22.99	0.1991
Middle		1	14	23.98	0.2500	23.38	0.2178
Highest		1	14	23.73	0.2360	23.13	0.2056
Lowest	16QAM	1	0	22.90	0.1950	22.30	0.1698
Middle		1	0	23.00	0.1995	22.40	0.1738
Highest		1	0	22.83	0.1919	22.23	0.1671
Lowest	64QAM	1	8	21.85	0.1531	21.25	0.1334
Middle		1	8	22.00	0.1585	21.40	0.1380
Highest		1	8	21.99	0.1581	21.39	0.1377
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.63	0.2307	23.03	0.2009
Middle		1	12	23.93	0.2472	23.33	0.2153
Highest		1	12	23.95	0.2483	23.35	0.2163
Lowest	16QAM	1	0	22.61	0.1824	22.01	0.1589
Middle		1	0	22.94	0.1968	22.34	0.1714
Highest		1	0	22.57	0.1807	21.97	0.1574
Lowest	64QAM	1	0	21.78	0.1507	21.18	0.1312
Middle		1	0	21.86	0.1535	21.26	0.1337
Highest		1	0	21.99	0.1581	21.39	0.1377
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.85	0.2427	23.25	0.2113
Middle		1	0	23.97	0.2495	23.37	0.2173
Highest		1	0	23.98	0.2500	23.38	0.2178
Lowest	16QAM	1	0	22.89	0.1945	22.29	0.1694
Middle		1	0	23.00	0.1995	22.40	0.1738
Highest		1	0	22.99	0.1991	22.39	0.1734
Lowest	64QAM	1	0	21.76	0.1500	21.16	0.1306
Middle		1	0	21.84	0.1528	21.24	0.1330
Highest		1	0	21.97	0.1574	21.37	0.1371
Limit	EIRP < 1W		Result		PASS		

LTE Band 66 / 15MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.64	0.2312	23.04	0.2014
Middle		1	0	23.88	0.2443	23.28	0.2128
Highest		1	0	23.99	0.2506	23.39	0.2183
Lowest	16QAM	1	0	22.86	0.1932	22.26	0.1683
Middle		1	0	22.84	0.1923	22.24	0.1675
Highest		1	0	23.00	0.1995	22.40	0.1738
Lowest	64QAM	1	0	21.79	0.1510	21.19	0.1315
Middle		1	0	21.87	0.1538	21.27	0.1340
Highest		1	0	22.00	0.1585	21.40	0.1380
Limit	EIRP < 1W		Result		PASS		

LTE Band 66 / 20MHz (Average) (GT - LC = -0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.73	0.2360	23.13	0.2056
Middle		1	0	23.95	0.2483	23.35	0.2163
Highest		1	0	24.00	0.2512	23.40	0.2188
Lowest	16QAM	1	0	22.92	0.1959	22.32	0.1706
Middle		1	0	22.93	0.1963	22.33	0.1710
Highest		1	0	23.00	0.1995	22.40	0.1738
Lowest	64QAM	1	0	21.85	0.1531	21.25	0.1334
Middle		1	0	21.86	0.1535	21.26	0.1337
Highest		1	0	22.00	0.1585	21.40	0.1380
Limit	EIRP < 1W		Result		PASS		



Radiated Spurious Emission

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	5548	-46.99	-13	-33.99	-73.97	-54.06	2.65	9.72	H
	7403	-42.24	-13	-29.24	-75.79	-51.39	2.46	11.61	H
	9251	-38.41	-13	-25.41	-76.18	-48.47	2.54	12.60	H
	11102	-36.32	-13	-23.32	-78.63	-46.09	2.69	12.46	H
									H
									H
	5548	-48.99	-13	-35.99	-75.97	-56.06	2.65	9.72	V
	7403	-42.04	-13	-29.04	-75.59	-51.19	2.46	11.61	V
	9251	-43.05	-13	-30.05	-80.82	-53.11	2.54	12.60	V
	11102	-37.27	-13	-24.27	-79.58	-47.04	2.69	12.46	V
									V
									V
Middle	5639	-46.63	-13	-33.63	-73.85	-53.68	2.71	9.76	H
	7522	-39.86	-13	-26.86	-73.61	-49.25	2.42	11.81	H
	9398	-39.56	-13	-26.56	-78.18	-49.53	2.57	12.54	H
									H
									H
									H
	5639	-49.01	-13	-36.01	-76.23	-56.06	2.71	9.76	V
	7522	-44.14	-13	-31.14	-77.89	-53.53	2.42	11.81	V
	9398	-42.72	-13	-29.72	-81.34	-52.69	2.57	12.54	V
									V
									V
									V



Highest	5730	-40.28	-13	-27.28	-67.77	-47.31	2.76	9.79	H
	7634	-40.14	-13	-27.14	-74.05	-49.63	2.39	11.88	H
	9545	-39.62	-13	-26.62	-78.9	-49.49	2.60	12.47	H
	13363	-34.51	-13	-21.51	-79.39	-45	3.02	13.51	H
									H
									H
									H
	5730	-41.60	-13	-28.60	-69.09	-48.63	2.76	9.79	V
	7634	-44.73	-13	-31.73	-78.64	-54.22	2.39	11.88	V
	9545	-41.93	-13	-28.93	-81.21	-51.8	2.60	12.47	V
	13363	-36.05	-13	-23.05	-80.93	-46.54	3.02	13.51	V
									V
									V
									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	5548	-47.10	-13	-34.10	-74.08	-54.17	2.65	9.72	H
	7403	-40.40	-13	-27.40	-73.95	-49.55	2.46	11.61	H
	9251	-37.98	-13	-24.98	-75.75	-48.04	2.54	12.60	H
	11102	-36.10	-13	-23.10	-78.41	-45.87	2.69	12.46	H
									H
									H
									H
	5548	-48.78	-13	-35.78	-75.76	-55.85	2.65	9.72	V
	7403	-43.70	-13	-30.70	-77.25	-52.85	2.46	11.61	V
	9251	-43.27	-13	-30.27	-81.04	-53.33	2.54	12.60	V
	11102	-37.19	-13	-24.19	-79.5	-46.96	2.69	12.46	V
									V
									V
									V
Middle	5639	-47.33	-13	-34.33	-74.55	-54.38	2.71	9.76	H
	7515	-41.43	-13	-28.43	-75.15	-50.81	2.42	11.81	H
	9391	-38.56	-13	-25.56	-77.18	-48.54	2.57	12.54	H
	13154	-36.14	-13	-23.14	-80.68	-46.39	2.97	13.22	H
									H
									H
									H
	5639	-48.34	-13	-35.34	-75.56	-55.39	2.71	9.76	V
	7515	-43.47	-13	-30.47	-77.49	-52.85	2.42	11.81	V
	9391	-42.45	-13	-29.45	-81.07	-52.43	2.57	12.54	V
	13154	-36.67	-13	-23.67	-81.21	-46.92	2.97	13.22	V
									V
									V
									V



Highest	5723	-42.13	-13	-29.13	-69.62	-49.17	2.75	9.79	H
	7627	-39.17	-13	-26.17	-73.08	-48.66	2.39	11.88	H
	9538	-39.80	-13	-26.80	-79.04	-49.68	2.60	12.48	H
	13354	-35.64	-13	-22.64	-80.52	-46.12	3.02	13.50	H
									H
									H
									H
	5723	-43.76	-13	-30.76	-71.25	-50.8	2.75	9.79	V
	7627	-43.00	-13	-30.00	-76.91	-52.49	2.39	11.88	V
	9538	-41.93	-13	-28.93	-81.17	-51.81	2.60	12.48	V
	13354	-36.43	-13	-23.43	-81.31	-46.91	3.02	13.50	V
									V
									V
									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	5548	-47.52	-13	-34.52	-74.5	-54.59	2.65	9.72	H
	7403	-42.33	-13	-29.33	-75.88	-51.48	2.46	11.61	H
	9251	-37.42	-13	-24.42	-75.19	-47.48	2.54	12.60	H
	11102	-36.76	-13	-23.76	-79.07	-46.53	2.69	12.46	H
									H
									H
									H
	5548	-49.15	-13	-36.15	-76.13	-56.22	2.65	9.72	V
	7403	-43.32	-13	-30.32	-76.87	-52.47	2.46	11.61	V
	9251	-43.03	-13	-30.03	-80.8	-53.09	2.54	12.60	V
	11102	-36.79	-13	-23.79	-79.1	-46.56	2.69	12.46	V
									V
									V
									V
Middle	5632	-46.40	-13	-33.40	-73.57	-53.45	2.70	9.75	H
	7515	-42.51	-13	-29.51	-76.23	-51.89	2.42	11.81	H
	9391	-40.05	-13	-27.05	-78.67	-50.03	2.57	12.54	H
	13145	-36.04	-13	-23.04	-80.55	-46.28	2.97	13.20	H
									H
									H
									H
	5632	-48.13	-13	-35.13	-75.3	-55.18	2.70	9.75	V
	7515	-44.41	-13	-31.41	-78.14	-53.79	2.42	11.81	V
	9391	-42.63	-13	-29.63	-81.25	-52.61	2.57	12.54	V
	13145	-36.90	-13	-23.90	-81.41	-47.14	2.97	13.20	V
									V
									V
									V



Highest	5716	-43.04	-13	-30.04	-70.47	-50.08	2.75	9.79	H
	7620	-39.12	-13	-26.12	-72.99	-48.6	2.39	11.87	H
	9524	-39.21	-13	-26.21	-78.42	-49.1	2.59	12.49	H
	13335	-35.71	-13	-22.71	-80.56	-46.16	3.01	13.47	H
									H
									H
									H
	5716	-45.71	-13	-32.71	-73.14	-52.75	2.75	9.79	V
	7620	-43.19	-13	-30.19	-77.06	-52.67	2.39	11.87	V
	9524	-41.53	-13	-28.53	-80.74	-51.42	2.59	12.49	V
	13335	-36.19	-13	-23.19	-81.04	-46.64	3.01	13.47	V
									V
									V
									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	5555	-47.20	-13	-34.20	-74.18	-54.27	2.66	9.72	H
	7403	-41.63	-13	-28.63	-75.18	-50.78	2.46	11.61	H
	9251	-37.84	-13	-24.84	-75.61	-47.9	2.54	12.60	H
	11102	-37.14	-13	-24.14	-79.45	-46.91	2.69	12.46	H
									H
									H
									H
	5555	-48.76	-13	-35.76	-75.74	-55.83	2.66	9.72	V
	7403	-42.83	-13	-29.83	-76.38	-51.98	2.46	11.61	V
	9251	-43.18	-13	-30.18	-80.95	-53.24	2.54	12.60	V
	11102	-37.55	-13	-24.55	-79.86	-47.32	2.69	12.46	V
									V
									V
									V
Middle	5625	-46.11	-13	-33.11	-73.28	-53.16	2.70	9.75	H
	7501	-42.52	-13	-29.52	-76.22	-51.89	2.43	11.80	H
	9377	-40.23	-13	-27.23	-78.75	-50.22	2.56	12.55	H
	11254	-38.41	-13	-25.41	-80.73	-48.12	2.69	12.40	H
	13125	-35.66	-13	-22.66	-80.13	-45.87	2.96	13.18	H
									H
									H
	5625	-47.48	-13	-34.48	-74.65	-54.53	2.70	9.75	V
	7501	-46.07	-13	-33.07	-79.77	-55.44	2.43	11.80	V
	9377	-42.97	-13	-29.97	-81.49	-52.96	2.56	12.55	V
	11254	-38.10	-13	-25.10	-80.42	-47.81	2.69	12.40	V
	13125	-36.67	-13	-23.67	-81.14	-46.88	2.96	13.18	V
									V
									V



Highest	5702	-43.32	-13	-30.32	-70.76	-50.36	2.74	9.78	H
	7606	-45.09	-13	-32.09	-78.97	-54.56	2.40	11.86	H
	9503	-39.12	-13	-26.12	-78.3	-49.03	2.59	12.50	H
	13306	-34.39	-13	-21.39	-79.19	-44.81	3.01	13.43	H
									H
									H
									H
	5702	-45.16	-13	-32.16	-72.6	-52.2	2.74	9.78	V
	7606	-46.40	-13	-33.40	-80.28	-55.87	2.40	11.86	V
	9503	-41.76	-13	-28.76	-80.94	-51.67	2.59	12.50	V
	13306	-35.62	-13	-22.62	-80.42	-46.04	3.01	13.43	V
									V
									V
									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	5555	-47.34	-13	-34.34	-74.32	-54.41	2.66	9.72	H
	7403	-41.34	-13	-28.34	-74.89	-50.49	2.46	11.61	H
	9258	-38.73	-13	-25.73	-76.58	-48.79	2.54	12.60	H
	11102	-36.91	-13	-23.91	-79.22	-46.68	2.69	12.46	H
									H
									H
									H
	5555	-48.81	-13	-35.81	-75.79	-55.88	2.66	9.72	V
	7403	-43.37	-13	-30.37	-76.92	-52.52	2.46	11.61	V
	9258	-43.59	-13	-30.59	-81.44	-53.65	2.54	12.60	V
	11102	-37.18	-13	-24.18	-79.49	-46.95	2.69	12.46	V
									V
									V
									V
Middle	5618	-44.93	-13	-31.93	-72.1	-51.98	2.69	9.75	H
	7490	-45.81	-13	-32.81	-79.51	-55.16	2.43	11.78	H
	9363	-41.06	-13	-28.06	-79.49	-51.05	2.56	12.55	H
	11245	-38.01	-13	-25.01	-80.33	-47.73	2.69	12.40	H
	13116	-34.20	-13	-21.20	-78.67	-44.4	2.96	13.16	H
									H
									H
	5618	-47.39	-13	-34.39	-74.56	-54.44	2.69	9.75	V
	7490	-46.31	-13	-33.31	-80.01	-55.66	2.43	11.78	V
	9363	-42.89	-13	-29.89	-81.32	-52.88	2.56	12.55	V
	11245	-37.53	-13	-24.53	-79.85	-47.25	2.69	12.40	V
	13116	-35.96	-13	-22.96	-80.43	-46.16	2.96	13.16	V
									V
									V



Highest	5688	-41.19	-13	-28.19	-68.57	-48.23	2.73	9.78	H
	7585	-41.62	-13	-28.62	-75.45	-51.07	2.40	11.85	H
	9482	-40.73	-13	-27.73	-79.81	-50.65	2.59	12.51	H
	13268	-33.95	-13	-20.95	-78.69	-44.33	3.00	13.38	H
									H
									H
									H
	5688	-43.11	-13	-30.11	-70.49	-50.15	2.73	9.78	V
	7585	-44.36	-13	-31.36	-78.19	-53.81	2.40	11.85	V
	9482	-42.27	-13	-29.27	-81.35	-52.19	2.59	12.51	V
	13268	-35.64	-13	-22.64	-80.38	-46.02	3.00	13.38	V
									V
									V
									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	5555	-47.24	-13	-34.24	-74.22	-54.31	2.66	9.72	H	
	7403	-40.99	-13	-27.99	-74.54	-50.14	2.46	11.61	H	
	9258	-39.83	-13	-26.83	-77.68	-49.89	2.54	12.60	H	
	11102	-36.78	-13	-23.78	-79.09	-46.55	2.69	12.46	H	
	12955	-35.75	-13	-22.75	-79.66	-45.78	2.92	12.95	H	
										H
										H
	5555	-48.82	-13	-35.82	-75.8	-55.89	2.66	9.72	V	
	7403	-42.00	-13	-29.00	-75.55	-51.15	2.46	11.61	V	
	9258	-43.84	-13	-30.84	-81.69	-53.9	2.54	12.60	V	
	11102	-37.07	-13	-24.07	-79.38	-46.84	2.69	12.46	V	
	12955	-37.86	-13	-24.86	-81.77	-47.89	2.92	12.95	V	
										V
										V
Middle	5611	-43.64	-13	-30.64	-70.76	-50.7	2.69	9.74	H	
	7487	-45.21	-13	-32.21	-78.93	-54.55	2.43	11.77	H	
	9356	-41.36	-13	-28.36	-79.78	-51.36	2.56	12.56	H	
	11225	-36.51	-13	-23.51	-78.83	-46.23	2.69	12.41	H	
	13097	-34.74	-13	-21.74	-79.18	-44.92	2.95	13.14	H	
										H
										H
	5611	-46.00	-13	-33.00	-73.12	-53.06	2.69	9.74	V	
	7487	-45.35	-13	-32.35	-79.07	-54.69	2.43	11.77	V	
	9356	-43.07	-13	-30.07	-81.49	-53.07	2.56	12.56	V	
	11225	-37.12	-13	-24.12	-79.44	-46.84	2.69	12.41	V	
	13097	-36.16	-13	-23.16	-80.6	-46.34	2.95	13.14	V	
										V
										V



Highest	5674	-41.37	-13	-28.37	-68.7	-48.41	2.73	9.77	H
	7564	-40.24	-13	-27.24	-74.04	-49.67	2.41	11.84	H
	9447	-42.48	-13	-29.48	-81.37	-52.42	2.58	12.52	H
	11349	-37.88	-13	-24.88	-80.2	-47.56	2.68	12.36	H
	13239	-34.19	-13	-21.19	-78.87	-44.53	2.99	13.33	H
									H
									H
	5674	-42.90	-13	-29.90	-70.23	-49.94	2.73	9.77	V
	7564	-43.06	-13	-30.06	-76.86	-52.49	2.41	11.84	V
	9447	-42.69	-13	-29.69	-81.58	-52.63	2.58	12.52	V
	11349	-38.37	-13	-25.37	-80.69	-48.05	2.68	12.36	V
	13239	-35.67	-13	-22.67	-80.35	-46.01	2.99	13.33	V
									V
									V

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



LTE Band 25

LTE Band 25 / 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	3826	-55.91	-13	-42.91	-76.89	-62.59	1.71	8.39	H
	5744	-37.46	-13	-24.46	-64.98	-44.49	2.77	9.80	H
	7655	-44.43	-13	-31.43	-78.35	-53.94	2.38	11.89	H
									H
									H
									H
									H
	3826	-56.90	-13	-43.90	-77.88	-63.58	1.71	8.39	V
	5744	-40.56	-13	-27.56	-68.08	-47.59	2.77	9.80	V
	7655	-46.10	-13	-33.10	-80.02	-55.61	2.38	11.89	V
									V
									V
									V
									V
Middle	3761	-57.68	-13	-44.68	-78.56	-64.31	1.69	8.31	H
	5639	-48.16	-13	-35.16	-75.37	-55.21	2.71	9.76	H
	7522	-44.28	-13	-31.28	-78.02	-53.67	2.42	11.81	H
									H
									H
									H
									H
	3761	-57.86	-13	-44.86	-78.74	-64.49	1.69	8.31	V
	5639	-49.85	-13	-36.85	-77.06	-56.9	2.71	9.76	V
	7522	-46.40	-13	-33.40	-80.14	-55.79	2.42	11.81	V
									V
									V
									V
									V
								V	



Highest	3826	-55.91	-13	-42.91	-76.89	-62.59	1.71	8.39	H
	5744	-37.46	-13	-24.46	-64.98	-44.49	2.77	9.80	H
	7655	-44.43	-13	-31.43	-78.35	-53.94	2.38	11.89	H
									H
									H
									H
									H
	3826	-56.90	-13	-43.90	-77.88	-63.58	1.71	8.39	V
	5744	-40.56	-13	-27.56	-68.08	-47.59	2.77	9.80	V
	7655	-46.10	-13	-33.10	-80.02	-55.61	2.38	11.89	V
									V
									V
									V
									V

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



LTE Band 25 / 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	3826	-57.34	-13	-44.34	-78.3	-64.02	1.71	8.39	H
	5737	-41.77	-13	-28.77	-69.31	-48.8	2.76	9.79	H
	7648	-41.25	-13	-28.25	-75.17	-50.76	2.38	11.89	H
									H
									H
									H
									H
	3826	-57.41	-13	-44.41	-78.39	-64.09	1.71	8.39	V
	5737	-43.25	-13	-30.25	-70.79	-50.28	2.76	9.79	V
	7648	-45.48	-13	-32.48	-79.4	-54.99	2.38	11.89	V
									V
									V
									V
									V
Middle	3759	-57.78	-13	-44.78	-78.66	-64.41	1.69	8.31	H
	5639	-48.20	-13	-35.20	-75.41	-55.25	2.71	9.76	H
	7515	-45.27	-13	-32.27	-78.98	-54.65	2.42	11.81	H
									H
									H
									H
									H
	3759	-58.16	-13	-45.16	-79.04	-64.79	1.69	8.31	V
	5639	-49.40	-13	-36.40	-76.61	-56.45	2.71	9.76	V
	7515	-46.65	-13	-33.65	-80.36	-56.03	2.42	11.81	V
									V
									V
									V
									V



Highest	3826	-57.34	-13	-44.34	-78.3	-64.02	1.71	8.39	H
	5737	-41.77	-13	-28.77	-69.31	-48.8	2.76	9.79	H
	7648	-41.25	-13	-28.25	-75.17	-50.76	2.38	11.89	H
									H
									H
									H
									H
	3826	-57.41	-13	-44.41	-78.39	-64.09	1.71	8.39	V
	5737	-43.25	-13	-30.25	-70.79	-50.28	2.76	9.79	V
	7648	-45.48	-13	-32.48	-79.4	-54.99	2.38	11.89	V
									V
									V
									V
									V

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



LTE Band 25 / 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	3820	-58.99	-13	-45.99	-78.97	-65.67	1.70	8.38	H
	5730	-41.24	-13	-28.24	-68.72	-48.27	2.76	9.79	H
	7641	-41.49	-13	-28.49	-75.41	-50.99	2.38	11.88	H
									H
									H
									H
									H
	3820	-59.12	-13	-46.12	-79.1	-65.8	1.70	8.38	V
	5730	-42.80	-13	-29.80	-70.28	-49.83	2.76	9.79	V
	7641	-44.06	-13	-31.06	-77.98	-53.56	2.38	11.88	V
									V
									V
									V
									V
Middle	3754	-57.93	-13	-44.93	-78.81	-64.55	1.68	8.30	H
	5632	-47.41	-13	-34.41	-74.57	-54.46	2.70	9.75	H
	7508	-45.26	-13	-32.26	-78.98	-54.64	2.43	11.80	H
									H
									H
									H
									H
	3754	-57.85	-13	-44.85	-78.73	-64.47	1.68	8.30	V
	5632	-49.39	-13	-36.39	-76.55	-56.44	2.70	9.75	V
	7508	-46.73	-13	-33.73	-80.45	-56.11	2.43	11.80	V
									V
									V
									V
									V



Highest	3820	-58.99	-13	-45.99	-78.97	-65.67	1.70	8.38	H
	5730	-41.24	-13	-28.24	-68.72	-48.27	2.76	9.79	H
	7641	-41.49	-13	-28.49	-75.41	-50.99	2.38	11.88	H
									H
									H
									H
									H
	3820	-59.12	-13	-46.12	-79.1	-65.8	1.70	8.38	V
	5730	-42.80	-13	-29.80	-70.28	-49.83	2.76	9.79	V
	7641	-44.06	-13	-31.06	-77.98	-53.56	2.38	11.88	V
									V
									V
									V
									V

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



LTE Band 25 / 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	3810	-58.21	-13	-45.21	-79.16	-64.88	1.70	8.37	H
	5716	-45.47	-13	-32.47	-72.89	-52.51	2.75	9.79	H
	7620	-42.34	-13	-29.34	-75.2	-51.82	2.39	11.87	H
									H
									H
									H
									H
	3810	-58.13	-13	-45.13	-79.08	-64.8	1.70	8.37	V
	5716	-47.57	-13	-34.57	-74.99	-54.61	2.75	9.79	V
	7620	-45.69	-13	-32.69	-79.55	-55.17	2.39	11.87	V
									V
									V
									V
									V
Middle	3750	-57.35	-13	-44.35	-78.23	-63.97	1.68	8.30	H
	5625	-43.25	-13	-30.25	-70.41	-50.3	2.70	9.75	H
	7500	-45.92	-13	-32.92	-79.62	-55.29	2.43	11.80	H
									H
									H
									H
									H
	3750	-57.85	-13	-44.85	-78.7	-64.47	1.68	8.30	V
	5625	-48.05	-13	-35.05	-75.21	-55.1	2.70	9.75	V
	7500	-46.76	-13	-33.76	-80.45	-56.13	2.43	11.80	V
									V
									V
									V
									V



Highest	3810	-58.21	-13	-45.21	-79.16	-64.88	1.70	8.37	H
	5716	-45.47	-13	-32.47	-72.89	-52.51	2.75	9.79	H
	7620	-42.34	-13	-29.34	-75.2	-51.82	2.39	11.87	H
									H
									H
									H
									H
	3810	-58.13	-13	-45.13	-79.08	-64.8	1.70	8.37	V
	5716	-47.57	-13	-34.57	-74.99	-54.61	2.75	9.79	V
	7620	-45.69	-13	-32.69	-79.55	-55.17	2.39	11.87	V
									V
									V
									V
									V

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



LTE Band 25 / 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	3801	-57.96	-13	-44.96	-78.91	-64.62	1.70	8.36	H
	5702	-45.61	-13	-32.61	-73.04	-52.65	2.74	9.78	H
	7606	-45.97	-13	-32.97	-79.84	-55.44	2.40	11.86	H
									H
									H
									H
									H
	3801	-58.36	-13	-45.36	-79.31	-65.02	1.70	8.36	V
	5702	-46.56	-13	-33.56	-73.99	-53.6	2.74	9.78	V
	7606	-46.37	-13	-33.37	-80.24	-55.84	2.40	11.86	V
									V
									V
									V
									V
Middle	3745	-58.22	-13	-45.22	-79.08	-64.83	1.68	8.29	H
	5618	-46.31	-13	-33.31	-73.47	-53.36	2.69	9.75	H
	7490	-47.24	-13	-34.24	-80.93	-56.59	2.43	11.78	H
									H
									H
									H
									H
	3745	-58.27	-13	-45.27	-79.13	-64.88	1.68	8.29	V
	5618	-48.34	-13	-35.34	-75.5	-55.39	2.69	9.75	V
	7490	-47.47	-13	-34.47	-81.16	-56.82	2.43	11.78	V
									V
									V
									V
									V



Highest	3801	-57.96	-13	-44.96	-78.91	-64.62	1.70	8.36	H
	5702	-45.61	-13	-32.61	-73.04	-52.65	2.74	9.78	H
	7606	-45.97	-13	-32.97	-79.84	-55.44	2.40	11.86	H
									H
									H
									H
									H
	3801	-58.36	-13	-45.36	-79.31	-65.02	1.70	8.36	V
	5702	-46.56	-13	-33.56	-73.99	-53.6	2.74	9.78	V
	7606	-46.37	-13	-33.37	-80.24	-55.84	2.40	11.86	V
									V
									V
									V
									V

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



LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3792	-57.93	-13	-44.93	-78.86	-64.58	1.70	8.35	H
	5688	-43.08	-13	-30.08	-70.45	-50.12	2.73	9.78	H
	7585	-42.38	-13	-29.38	-76.2	-51.83	2.40	11.85	H
									H
									H
									H
									H
	3792	-57.77	-13	-44.77	-78.7	-64.42	1.70	8.35	V
	5688	-44.37	-13	-31.37	-71.74	-51.41	2.73	9.78	V
	7585	-45.09	-13	-32.09	-78.91	-54.54	2.40	11.85	V
									V
									V
									V
									V
Middle	3740	-58.32	-13	-45.32	-79.18	-64.93	1.68	8.29	H
	5611	-44.81	-13	-31.81	-71.92	-51.87	2.69	9.74	H
	7487	-45.07	-13	-32.07	-78.78	-54.41	2.43	11.77	H
									H
									H
									H
									H
	3740	-58.22	-13	-45.22	-79.08	-64.83	1.68	8.29	V
	5611	-46.80	-13	-33.80	-73.91	-53.86	2.69	9.74	V
	7487	-46.33	-13	-33.33	-80.04	-55.67	2.43	11.77	V
									V
									V
									V
									V



Highest	3792	-57.93	-13	-44.93	-78.86	-64.58	1.70	8.35	H
	5688	-43.08	-13	-30.08	-70.45	-50.12	2.73	9.78	H
	7585	-42.38	-13	-29.38	-76.2	-51.83	2.40	11.85	H
									H
									H
									H
									H
	3792	-57.77	-13	-44.77	-78.7	-64.42	1.70	8.35	V
	5688	-44.37	-13	-31.37	-71.74	-51.41	2.73	9.78	V
	7585	-45.09	-13	-32.09	-78.91	-54.54	2.40	11.85	V
									V
									V
									V
									V

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



LTE Band 4

LTE Band 4 / 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	5128	-49.62	-13	-36.62	-75.51	-56.91	2.41	9.70	H	
	6843	-41.18	-13	-28.18	-73.5	-49.15	2.64	10.61	H	
	8551	-43.28	-13	-30.28	-78.35	-53.41	2.39	12.52	H	
										H
										H
										H
										H
	5128	-51.18	-13	-38.18	-77.07	-58.47	2.41	9.70	V	
	6843	-47.10	-13	-34.10	-79.42	-55.07	2.64	10.61	V	
	8551	-44.76	-13	-31.76	-79.83	-54.89	2.39	12.52	V	
										V
										V
										V
										V
Middle	5198	-48.14	-13	-35.14	-74.2	-55.39	2.45	9.70	H	
	6927	-41.76	-13	-28.76	-74.34	-49.86	2.61	10.71	H	
	8659	-45.46	-13	-32.46	-80.88	-55.61	2.41	12.56	H	
										H
										H
										H
										H
	5198	-50.09	-13	-37.09	-76.15	-57.34	2.45	9.70	V	
	6927	-46.43	-13	-33.43	-79.01	-54.53	2.61	10.71	V	
	8659	-45.52	-13	-32.52	-80.94	-55.67	2.41	12.56	V	
										V
										V
										V
										V



Highest	5261	-48.80	-13	-35.80	-75.02	-56.01	2.49	9.70	H
	7018	-41.25	-13	-28.25	-74.06	-49.5	2.58	10.84	H
	8768	-44.82	-13	-31.82	-80.56	-54.99	2.43	12.61	H
									H
									H
									H
									H
	5261	-48.59	-13	-35.59	-74.81	-55.8	2.49	9.70	V
	7018	-45.18	-13	-32.18	-77.99	-53.43	2.58	10.84	V
	8768	-44.71	-13	-31.71	-80.45	-54.88	2.43	12.61	V
									V
									V
									V
									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	5130	-48.99	-13	-35.99	-74.88	-56.28	2.41	9.70	H
	6840	-42.08	-13	-29.08	-74.4	-50.05	2.64	10.61	H
	8550	-42.37	-13	-29.37	-77.44	-52.5	2.39	12.52	H
	13680	-34.03	-13	-21.03	-79.5	-44.81	3.10	13.88	H
									H
									H
									H
	5130	-50.33	-13	-37.33	-76.22	-57.62	2.41	9.70	V
	6840	-47.48	-13	-34.48	-79.8	-55.45	2.64	10.61	V
	8550	-44.72	-13	-31.72	-79.79	-54.85	2.39	12.52	V
	13680	-34.70	-13	-21.70	-80.17	-45.48	3.10	13.88	V
									V
									V
									V
Middle	5191	-48.57	-13	-35.57	-74.63	-55.82	2.45	9.70	H
	6927	-42.45	-13	-29.45	-75.03	-50.55	2.61	10.71	H
	8656	-44.60	-13	-31.60	-79.98	-54.75	2.41	12.56	H
									H
									H
									H
									H
	5191	-49.73	-13	-36.73	-75.79	-56.98	2.45	9.70	V
	6927	-46.63	-13	-33.63	-79.21	-54.73	2.61	10.71	V
	8656	-45.51	-13	-32.51	-80.89	-55.66	2.41	12.56	V
									V
									V
									V
									V



Highest	5254	-48.70	-13	-35.70	-74.88	-55.92	2.48	9.70	H
	7011	-42.04	-13	-29.04	-74.87	-50.28	2.59	10.82	H
	8761	-45.04	-13	-32.04	-80.76	-55.21	2.43	12.60	H
									H
									H
									H
									H
	5254	-48.80	-13	-35.80	-74.98	-56.02	2.48	9.70	V
	7011	-45.67	-13	-32.67	-78.5	-53.91	2.59	10.82	V
	8761	-45.48	-13	-32.48	-81.2	-55.65	2.43	12.60	V
									V
									V
									V
									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	5128	-49.32	-13	-36.32	-75.21	-56.61	2.41	9.70	H
	6843	-40.72	-13	-27.72	-73.04	-48.69	2.64	10.61	H
	8551	-41.69	-13	-28.69	-76.76	-51.82	2.39	12.52	H
	13680	-34.16	-13	-21.16	-79.63	-44.94	3.10	13.88	H
									H
									H
									H
	5128	-50.92	-13	-37.92	-76.81	-58.21	2.41	9.70	V
	6843	-47.43	-13	-34.43	-79.75	-55.4	2.64	10.61	V
	8551	-44.81	-13	-31.81	-79.88	-54.94	2.39	12.52	V
	13680	-34.19	-13	-21.19	-79.66	-44.97	3.10	13.88	V
									V
									V
									V
Middle	5191	-48.46	-13	-35.46	-74.52	-55.71	2.45	9.70	H
	6920	-41.53	-13	-28.53	-74.05	-49.62	2.62	10.70	H
	8664	-43.02	-13	-30.02	-79.33	-53.18	2.41	12.57	H
									H
									H
									H
									H
	5191	-49.51	-13	-36.51	-75.57	-56.76	2.45	9.70	V
	6920	-46.58	-13	-33.58	-79.1	-54.67	2.62	10.70	V
	8664	-44.14	-13	-31.14	-80.45	-54.3	2.41	12.57	V
									V
									V
									V
									V



Highest	5254	-49.22	-13	-36.22	-75.4	-56.44	2.48	9.70	H
	7004	-41.82	-13	-28.82	-74.61	-50.04	2.59	10.81	H
	8754	-44.76	-13	-31.76	-80.44	-54.93	2.43	12.60	H
	10504	-38.21	-13	-25.21	-79.9	-47.92	2.69	12.40	H
									H
									H
									H
	5254	-49.51	-13	-36.51	-75.69	-56.73	2.48	9.70	V
	7004	-45.48	-13	-32.48	-78.27	-53.7	2.59	10.81	V
	8754	-45.63	-13	-32.63	-81.31	-55.8	2.43	12.60	V
	10504	-39.08	-13	-26.08	-80.77	-48.79	2.69	12.40	V
									V
									V
									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	5130	-49.23	-13	-36.23	-75.12	-56.52	2.41	9.70	H
	6840	-40.45	-13	-27.45	-72.77	-48.42	2.64	10.61	H
	8551	-42.59	-13	-29.59	-77.66	-52.72	2.39	12.52	H
	13688	-35.11	-13	-22.11	-80.58	-45.89	3.10	13.89	H
									H
									H
									H
	5130	-50.67	-13	-37.67	-76.56	-57.96	2.41	9.70	V
	6840	-46.44	-13	-33.44	-78.76	-54.41	2.64	10.61	V
	8551	-44.61	-13	-31.61	-79.68	-54.74	2.39	12.52	V
	13688	-34.14	-13	-21.14	-79.61	-44.92	3.10	13.89	V
									V
									V
									V
Middle	3455	-58.34	-13	-45.34	-78.74	-64.55	1.59	7.80	H
	5184	-49.00	-13	-36.00	-75.02	-56.26	2.44	9.70	H
	6913	-40.95	-13	-27.95	-73.47	-49.03	2.62	10.70	H
									H
									H
									H
									H
	3455	-58.80	-13	-45.80	-79.2	-65.01	1.59	7.80	V
	5184	-49.27	-13	-36.27	-75.29	-56.53	2.44	9.70	V
	6913	-46.70	-13	-33.70	-79.22	-54.78	2.62	10.70	V
									V
									V
									V
									V



Highest	3490	-58.56	-13	-45.56	-79.06	-64.91	1.60	7.96	H
	5240	-48.98	-13	-35.98	-75.12	-56.2	2.48	9.70	H
	6983	-41.18	-13	-28.18	-73.93	-49.36	2.60	10.78	H
	10472	-37.43	-13	-24.43	-79.01	-47.13	2.69	12.39	H
	12256	-39.36	-13	-26.36	-80.19	-48.97	2.74	12.35	H
									H
									H
	3490	-58.95	-13	-45.95	-79.45	-65.3	1.60	7.96	V
	5240	-48.51	-13	-35.51	-74.65	-55.73	2.48	9.70	V
	6983	-46.10	-13	-33.10	-78.85	-54.28	2.60	10.78	V
	10472	-38.92	-13	-25.92	-80.5	-48.62	2.69	12.39	V
	12256	-40.33	-13	-27.33	-81.16	-49.94	2.74	12.35	V
									V
									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	5135	-49.05	-13	-36.05	-74.94	-56.34	2.41	9.70	H
	6843	-40.42	-13	-27.42	-72.74	-48.39	2.64	10.61	H
	8558	-43.03	-13	-30.03	-78.14	-53.17	2.39	12.52	H
									H
									H
									H
									H
	5135	-51.26	-13	-38.26	-77.15	-58.55	2.41	9.70	V
	6843	-47.15	-13	-34.15	-79.47	-55.12	2.64	10.61	V
	8558	-44.91	-13	-31.91	-80.02	-55.05	2.39	12.52	V
									V
									V
									V
									V
Middle	5177	-49.36	-13	-36.36	-75.38	-56.62	2.44	9.70	H
	6906	-40.90	-13	-27.90	-73.38	-48.97	2.62	10.69	H
	8628	-44.54	-13	-31.54	-79.85	-54.69	2.40	12.55	H
									H
									H
									H
									H
	5177	-50.18	-13	-37.18	-76.2	-57.44	2.44	9.70	V
	6906	-45.58	-13	-32.58	-78.06	-53.65	2.62	10.69	V
	8628	-45.03	-13	-32.03	-80.34	-55.18	2.40	12.55	V
									V
									V
									V
									V



Highest	5226	-48.63	-13	-35.63	-74.78	-55.86	2.47	9.70	H
	6696	-41.31	-13	-28.31	-74	-49.06	2.69	10.44	H
	8698	-45.34	-13	-32.34	-80.87	-55.5	2.42	12.58	H
									H
									H
									H
									H
	5226	-50.16	-13	-37.16	-76.31	-57.39	2.47	9.70	V
	6696	-49.08	-13	-36.08	-80.92	-56.83	2.69	10.44	V
	8698	-45.47	-13	-32.47	-81	-55.63	2.42	12.58	V
									V
									V
									V
									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	5135	-49.23	-13	-36.23	-75.12	-56.52	2.41	9.70	H
	6843	-40.50	-13	-27.50	-72.82	-48.47	2.64	10.61	H
	8558	-43.28	-13	-30.28	-78.39	-53.42	2.39	12.52	H
									H
									H
									H
									H
	5135	-51.15	-13	-38.15	-77.04	-58.44	2.41	9.70	V
	6843	-47.06	-13	-34.06	-79.38	-55.03	2.64	10.61	V
	8558	-43.96	-13	-30.96	-79.07	-54.1	2.39	12.52	V
									V
									V
									V
									V
Middle	5170	-49.34	-13	-36.34	-75.32	-56.61	2.43	9.70	H
	6892	-41.92	-13	-28.92	-74.4	-49.97	2.63	10.67	H
	8614	-45.34	-13	-32.34	-80.62	-55.49	2.40	12.55	H
									H
									H
									H
									H
	5170	-50.37	-13	-37.37	-76.35	-57.64	2.43	9.70	V
	6892	-46.71	-13	-33.71	-79.19	-54.76	2.63	10.67	V
	8614	-45.19	-13	-32.19	-80.47	-55.34	2.40	12.55	V
									V
									V
									V
									V



Highest	5212	-49.48	-13	-36.48	-75.58	-56.72	2.46	9.70	H
	6948	-42.32	-13	-29.32	-74.95	-50.45	2.61	10.74	H
	8677	-45.63	-13	-32.63	-81.1	-55.79	2.41	12.57	H
									H
									H
									H
									H
	5212	-50.09	-13	-37.09	-76.19	-57.33	2.46	9.70	V
	6948	-46.79	-13	-33.79	-79.41	-54.92	2.61	10.74	V
	8677	-45.55	-13	-32.55	-81.02	-55.71	2.41	12.57	V
									V
									V
									V
									V

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



LTE Band 5

LTE Band 5 / 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	1648	-57.58	-13	-44.58	-71.09	-59.34	0.98	4.89	H
	2472	-44.47	-13	-31.47	-61.11	-46.35	1.28	5.32	H
	8240	-45.73	-13	-32.73	-80.42	-53.55	2.32	12.29	H
									H
									H
									H
									H
	1648	-60.42	-13	-47.42	-73.93	-62.18	0.98	4.89	V
	2472	-47.29	-13	-34.29	-63.93	-49.17	1.28	5.32	V
	8240	-41.94	-13	-28.94	-76.63	-49.76	2.32	12.29	V
									V
									V
									V
									V
Middle	1672	-55.89	-13	-42.89	-69.47	-57.57	0.99	4.82	H
	2512	-41.03	-13	-28.03	-57.84	-43	1.29	5.41	H
	3344	-58.76	-13	-45.76	-78.88	-62.37	1.56	7.31	H
									H
									H
									H
									H
	1672	-58.76	-13	-45.76	-72.34	-60.44	0.99	4.82	V
	2512	-43.67	-13	-30.67	-60.48	-45.64	1.29	5.41	V
	3344	-59.01	-13	-46.01	-79.13	-62.62	1.56	7.31	V
									V
									V
									V
									V



Highest	1696	-59.74	-13	-46.74	-73.38	-61.34	1.00	4.75	H
	2544	-40.73	-13	-27.73	-57.71	-42.71	1.30	5.44	H
	8472	-45.31	-13	-32.31	-80.21	-53.27	2.37	12.48	H
									H
									H
									H
									H
	1696	-59.36	-13	-46.36	-73	-60.96	1.00	4.75	V
	2544	-40.99	-13	-27.99	-57.97	-42.97	1.30	5.44	V
	8472	-45.39	-13	-32.39	-80.29	-53.35	2.37	12.48	V
									V
									V
									V
									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	-57.60	-13	-44.60	-71.11	-59.36	0.98	4.89	H
	2472	-43.65	-13	-30.65	-60.29	-45.53	1.28	5.32	H
	8240	-45.44	-13	-32.44	-80.13	-53.26	2.32	12.29	H
									H
									H
									H
									H
	1648	-60.44	-13	-47.44	-73.95	-62.2	0.98	4.89	V
	2472	-46.22	-13	-33.22	-62.86	-48.1	1.28	5.32	V
	8240	-42.78	-13	-29.78	-77.47	-50.6	2.32	12.29	V
									V
									V
									V
									V
Middle	1672	-54.85	-13	-41.85	-68.43	-56.53	0.99	4.82	H
	2504	-40.36	-13	-27.36	-57.09	-42.32	1.29	5.40	H
	3336	-58.69	-13	-45.69	-78.76	-62.27	1.55	7.28	H
									H
									H
									H
									H
	1672	-59.20	-13	-46.20	-72.78	-60.88	0.99	4.82	V
	2504	-43.53	-13	-30.53	-60.26	-45.49	1.29	5.40	V
	3336	-58.62	-13	-45.62	-78.69	-62.2	1.55	7.28	V
									V
									V
									V
									V



Highest	1696	-59.21	-13	-46.21	-72.85	-60.81	1.00	4.75	H
	2536	-39.77	-13	-26.77	-56.66	-41.75	1.30	5.43	H
	8456	-45.32	-13	-32.32	-80.2	-53.27	2.37	12.46	H
									H
									H
									H
									H
	1696	-60.02	-13	-47.02	-73.66	-61.62	1.00	4.75	V
	2536	-40.64	-13	-27.64	-57.53	-42.62	1.30	5.43	V
	8456	-45.44	-13	-32.44	-80.32	-53.39	2.37	12.46	V
									V
									V
									V
									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	-61.84	-13	-48.84	-75.34	-63.6	0.98	4.89	H
	2472	-52.21	-13	-39.21	-68.84	-54.09	1.28	5.32	H
	8240	-45.15	-13	-32.15	-79.83	-52.97	2.32	12.29	H
									H
									H
									H
									H
	1648	-63.36	-13	-50.36	-76.86	-65.12	0.98	4.89	V
	2472	-53.51	-13	-40.51	-70.14	-55.39	1.28	5.32	V
	8240	-42.09	-13	-29.09	-76.77	-49.91	2.32	12.29	V
									V
									V
									V
									V
Middle	1672	-56.19	-13	-43.19	-69.77	-57.87	0.99	4.82	H
	2504	-41.28	-13	-28.28	-58.01	-43.24	1.29	5.40	H
	3336	-58.50	-13	-45.50	-78.57	-62.08	1.55	7.28	H
									H
									H
									H
									H
	1672	-59.48	-13	-46.48	-73.06	-61.16	0.99	4.82	V
	2504	-42.38	-13	-29.38	-59.11	-44.34	1.29	5.40	V
	3336	-58.79	-13	-45.79	-78.86	-62.37	1.55	7.28	V
									V
									V
									V
									V



Highest	1688	-57.83	-13	-44.83	-71.44	-59.46	1.00	4.77	H
	2536	-38.77	-13	-25.77	-55.66	-40.75	1.30	5.43	H
	8440	-44.47	-13	-31.47	-79.34	-52.41	2.36	12.45	H
									H
									H
									H
									H
	1688	-59.98	-13	-46.98	-73.59	-61.61	1.00	4.77	V
	2536	-39.31	-13	-26.31	-56.2	-41.29	1.30	5.43	V
	8440	-42.84	-13	-29.84	-77.71	-50.78	2.36	12.45	V
									V
									V
									V
									V
								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	1648	-60.87	-13	-47.87	-74.37	-62.63	0.98	4.89	H
	2472	-52.77	-13	-39.77	-69.4	-54.65	1.28	5.32	H
	8248	-45.28	-13	-32.28	-79.96	-53.11	2.32	12.30	H
									H
									H
									H
									H
	1648	-63.02	-13	-50.02	-76.52	-64.78	0.98	4.89	V
	2472	-54.00	-13	-41.00	-70.63	-55.88	1.28	5.32	V
	8248	-41.92	-13	-28.92	-76.6	-49.75	2.32	12.30	V
									V
									V
									V
									V
Middle	1664	-58.36	-13	-45.36	-71.92	-60.07	0.98	4.84	H
	2496	-41.14	-13	-28.14	-57.87	-43.09	1.29	5.39	H
	3328	-58.95	-13	-45.95	-79.02	-62.49	1.55	7.24	H
									H
									H
									H
									H
	1664	-59.60	-13	-46.60	-73.16	-61.31	0.98	4.84	V
	2496	-41.95	-13	-28.95	-58.68	-43.9	1.29	5.39	V
	3328	-58.59	-13	-45.59	-78.66	-62.13	1.55	7.24	V
									V
									V
									V
									V



Highest	1680	-58.36	-13	-45.36	-71.94	-60.01	0.99	4.80	H
	2520	-41.19	-13	-28.19	-58	-43.16	1.30	5.42	H
	8392	-44.88	-13	-31.88	-79.7	-52.79	2.35	12.41	H
									H
									H
									H
									H
	1680	-59.11	-13	-46.11	-72.69	-60.76	0.99	4.80	V
	2520	-42.23	-13	-29.23	-59.04	-44.2	1.30	5.42	V
	8392	-42.91	-13	-29.91	-77.73	-50.82	2.35	12.41	V
									V
									V
									V
									V

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



LTE Band 7

LTE Band 7 / 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	5004	-51.47	-25	-26.47	-77.05	-58.83	2.34	9.70	H
	7500	-38.43	-25	-13.43	-72.12	-47.8	2.43	11.80	H
	10008	-33.09	-25	-8.09	-73.22	-42.6	2.70	12.20	H
									H
									H
									H
									H
	5004	-51.67	-25	-26.67	-77.25	-59.03	2.34	9.70	V
	7500	-42.52	-25	-17.52	-76.21	-51.89	2.43	11.80	V
	10008	-36.39	-25	-11.39	-76.52	-45.9	2.70	12.20	V
									V
									V
									V
									V
Middle	5064	-51.00	-25	-26.00	-76.71	-58.33	2.37	9.70	H
	7596	-39.05	-25	-14.05	-72.89	-48.51	2.40	11.86	H
	10128	-32.35	-25	-7.35	-72.85	-41.91	2.70	12.25	H
									H
									H
									H
									H
	5064	-52.32	-25	-27.32	-78.03	-59.65	2.37	9.70	V
	7596	-43.10	-25	-18.10	-76.94	-52.56	2.40	11.86	V
	10128	-37.16	-25	-12.16	-77.66	-46.72	2.70	12.25	V
									V
									V
									V
									V



Highest	5136	-53.43	-25	-28.43	-79.31	-60.71	2.42	9.70	H
	7692	-45.29	-25	-20.29	-79.29	-54.84	2.37	11.92	H
	10260	-38.48	-25	-13.48	-79.42	-48.09	2.69	12.30	H
									H
									H
									H
									H
	5136	-51.04	-25	-26.04	-76.92	-58.32	2.42	9.70	V
	7692	-38.88	-25	-13.88	-72.88	-48.43	2.37	11.92	V
	10260	-36.46	-25	-11.46	-77.4	-46.07	2.69	12.30	V
									V
									V
									V
									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	5004	-51.57	-25	-26.57	-77.15	-58.93	2.34	9.70	H
	7500	-37.49	-25	-12.49	-71.18	-46.86	2.43	11.80	H
	10008	-30.67	-25	-5.67	-70.8	-40.18	2.70	12.20	H
									H
									H
									H
									H
	5004	-51.73	-25	-26.73	-77.31	-59.09	2.34	9.70	V
	7500	-42.39	-25	-17.39	-76.08	-51.76	2.43	11.80	V
	10008	-38.23	-25	-13.23	-78.36	-47.74	2.70	12.20	V
									V
									V
									V
									V
Middle	5064	-51.41	-25	-26.41	-77.12	-58.74	2.37	9.70	H
	7596	-39.64	-25	-14.64	-73.48	-49.1	2.40	11.86	H
	10128	-30.81	-25	-5.81	-71.31	-40.37	2.70	12.25	H
									H
									H
									H
									H
	5064	-52.41	-25	-27.41	-78.12	-59.74	2.37	9.70	V
	7596	-42.33	-25	-17.33	-76.17	-51.79	2.40	11.86	V
	10128	-37.37	-25	-12.37	-77.87	-46.93	2.70	12.25	V
									V
									V
									V
									V
								V	



Highest	5124	-50.33	-25	-25.33	-76.21	-57.62	2.41	9.70	H
	7680	-36.20	-25	-11.20	-70.17	-45.74	2.37	11.91	H
	10248	-31.69	-25	-6.69	-72.57	-41.29	2.69	12.30	H
									H
									H
									H
									H
	5124	-51.31	-25	-26.31	-77.19	-58.6	2.41	9.70	V
	7680	-37.47	-25	-12.47	-71.44	-47.01	2.37	11.91	V
	10248	-35.55	-25	-10.55	-76.43	-45.15	2.69	12.30	V
									V
									V
									V
									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	5004	-51.02	-25	-26.02	-76.6	-58.38	2.34	9.70	H
	7500	-38.17	-25	-13.17	-71.86	-47.54	2.43	11.80	H
	10008	-30.89	-25	-5.89	-71.02	-40.4	2.70	12.20	H
									H
									H
									H
									H
	5004	-52.21	-25	-27.21	-77.79	-59.57	2.34	9.70	V
	7500	-42.16	-25	-17.16	-75.85	-51.53	2.43	11.80	V
	10008	-38.23	-25	-13.23	-78.36	-47.74	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-51.58	-25	-26.58	-77.24	-58.91	2.37	9.70	H
	7584	-39.46	-25	-14.46	-73.28	-48.91	2.40	11.85	H
	10116	-31.57	-25	-6.57	-72.01	-41.12	2.70	12.25	H
									H
									H
									H
									H
	5052	-52.17	-25	-27.17	-77.83	-59.5	2.37	9.70	V
	7584	-41.84	-25	-16.84	-75.66	-51.29	2.40	11.85	V
	10116	-37.68	-25	-12.68	-78.12	-47.23	2.70	12.25	V
									V
									V
									V
									V



Highest	5112	-50.96	-25	-25.96	-76.8	-58.26	2.40	9.70	H
	7668	-37.47	-25	-12.47	-71.41	-47	2.38	11.90	H
	10224	-33.25	-25	-8.25	-74.08	-42.84	2.69	12.29	H
									H
									H
									H
									H
	5112	-50.51	-25	-25.51	-76.35	-57.81	2.40	9.70	V
	7668	-40.79	-25	-15.79	-74.73	-50.32	2.38	11.90	V
	10224	-36.29	-25	-11.29	-77.12	-45.88	2.69	12.29	V
									V
									V
									V
									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	5004	-51.30	-25	-26.30	-76.88	-58.66	2.34	9.70	H
	7500	-38.30	-25	-13.30	-71.99	-47.67	2.43	11.80	H
	10008	-32.01	-25	-7.01	-72.14	-41.52	2.70	12.20	H
									H
									H
									H
									H
	5004	-51.67	-25	-26.67	-77.25	-59.03	2.34	9.70	V
	7500	-42.62	-25	-17.62	-76.31	-51.99	2.43	11.80	V
	10008	-38.22	-25	-13.22	-78.35	-47.73	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-50.69	-25	-25.69	-76.35	-58.02	2.37	9.70	H
	7584	-39.50	-25	-14.50	-73.32	-48.95	2.40	11.85	H
	10104	-32.38	-25	-7.38	-72.84	-41.93	2.70	12.24	H
									H
									H
									H
									H
	5052	-52.15	-25	-27.15	-77.81	-59.48	2.37	9.70	V
	7584	-41.03	-25	-16.03	-74.85	-50.48	2.40	11.85	V
	10104	-38.42	-25	-13.42	-78.88	-47.97	2.70	12.24	V
									V
									V
									V
									V



Highest	5100	-49.36	-25	-24.36	-75.16	-56.67	2.39	9.70	H
	7656	-37.80	-25	-12.80	-71.75	-47.31	2.38	11.89	H
	10200	-33.12	-25	-8.12	-73.83	-42.7	2.70	12.28	H
									H
									H
									H
									H
	5100	-49.89	-25	-24.89	-75.69	-57.2	2.39	9.70	V
	7656	-40.23	-25	-15.23	-74.18	-49.74	2.38	11.89	V
	10200	-37.10	-25	-12.10	-77.81	-46.68	2.70	12.28	V
									V
									V
									V
									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	1400	-56.13	-13	-43.13	-68.38	-57.79	0.87	4.68	H
	2096	-57.90	-13	-44.90	-72.67	-58.77	1.16	4.19	H
	2795	-60.88	-13	-47.88	-79.08	-62.98	1.38	5.64	H
									H
									H
									H
									H
	1400	-53.21	-13	-40.21	-65.46	-54.87	0.87	4.68	V
	2096	-59.20	-13	-46.20	-73.97	-60.07	1.16	4.19	V
	2795	-60.99	-13	-47.99	-79.19	-63.09	1.38	5.64	V
									V
									V
									V
									V
Middle	1416	-60.34	-13	-47.34	-72.70	-62.09	0.87	4.78	H
	2120	-58.48	-13	-45.48	-73.40	-59.42	1.17	4.26	H
	2832	-60.58	-13	-47.58	-78.94	-62.70	1.39	5.67	H
									H
									H
									H
									H
	1416	-59.85	-13	-46.85	-72.21	-61.60	0.87	4.78	V
	2120	-58.45	-13	-45.45	-73.37	-59.39	1.17	4.26	V
	2832	-60.34	-13	-47.34	-78.70	-62.46	1.39	5.67	V
									V
									V
									V
									V



Highest	1429	-62.69	-13	-49.69	-75.15	-64.52	0.88	4.86	H
	2144	-60.51	-13	-47.51	-75.52	-61.51	1.18	4.33	H
	2858	-60.45	-13	-47.45	-78.90	-62.58	1.40	5.69	H
									H
									H
									H
									H
	1429	-62.81	-13	-49.81	-75.27	-64.64	0.88	4.86	V
	2144	-60.01	-13	-47.01	-75.02	-61.01	1.18	4.33	V
	2858	-60.20	-13	-47.20	-78.65	-62.33	1.40	5.69	V
									V
									V
									V
									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	1400	-56.03	-13	-43.03	-68.28	-57.69	0.87	4.68	H
	2096	-59.30	-13	-46.30	-73.07	-60.17	1.16	4.19	H
	2795	-60.88	-13	-47.88	-79.08	-62.98	1.38	5.64	H
									H
									H
									H
									H
	1400	-53.16	-13	-40.16	-65.41	-54.82	0.87	4.68	V
	2096	-59.49	-13	-46.49	-73.26	-60.36	1.16	4.19	V
	2795	-60.86	-13	-47.86	-79.06	-62.96	1.38	5.64	V
									V
									V
									V
									V
Middle	1416	-59.05	-13	-46.05	-71.41	-60.80	0.87	4.78	H
	2120	-58.57	-13	-45.57	-73.49	-59.51	1.17	4.26	H
	2832	-60.27	-13	-47.27	-78.63	-62.39	1.39	5.67	H
									H
									H
									H
									H
	1416	-59.44	-13	-46.44	-71.80	-61.19	0.87	4.78	V
	2120	-58.87	-13	-45.87	-73.79	-59.81	1.17	4.26	V
	2832	-60.71	-13	-47.71	-79.07	-62.83	1.39	5.67	V
									V
									V
									V
									V



Highest	1424	-60.39	-13	-47.39	-72.85	-62.19	0.88	4.83	H
	2136	-57.88	-13	-44.88	-72.88	-58.86	1.18	4.31	H
	2848	-60.33	-13	-47.33	-78.78	-62.46	1.40	5.68	H
									H
									H
									H
									H
	1424	-60.62	-13	-47.62	-73.08	-62.42	0.88	4.83	V
	2136	-58.87	-13	-45.87	-73.87	-59.85	1.18	4.31	V
	2848	-59.81	-13	-46.81	-78.26	-61.94	1.40	5.68	V
									V
									V
									V
									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	1400	-54.70	-13	-41.70	-66.95	-56.36	0.87	4.68	H
	2096	-58.87	-13	-45.87	-72.64	-59.74	1.16	4.19	H
	2795	-60.64	-13	-47.64	-78.84	-62.74	1.38	5.64	H
									H
									H
									H
									H
	1400	-53.54	-13	-40.54	-65.79	-55.20	0.87	4.68	V
	2096	-58.66	-13	-45.66	-73.43	-59.53	1.16	4.19	V
	2795	-60.71	-13	-47.71	-78.91	-62.81	1.38	5.64	V
									V
									V
									V
									V
Middle	1408	-57.65	-13	-44.65	-69.90	-59.36	0.87	4.73	H
	2120	-59.22	-13	-46.22	-74.14	-60.16	1.17	4.26	H
	2826	-60.02	-13	-47.02	-78.30	-62.14	1.39	5.66	H
									H
									H
									H
									H
	1408	-58.14	-13	-45.14	-70.39	-59.85	0.87	4.73	V
	2120	-58.96	-13	-45.96	-73.88	-59.90	1.17	4.26	V
	2826	-60.44	-13	-47.44	-78.72	-62.56	1.39	5.66	V
									V
									V
									V
									V



Highest	1424	-57.85	-13	-44.85	-70.28	-59.65	0.88	4.83	H
	2136	-59.63	-13	-46.63	-73.63	-60.61	1.18	4.31	H
	2848	-60.38	-13	-47.38	-78.83	-62.51	1.40	5.68	H
									H
									H
									H
									H
	1424	-58.30	-13	-45.30	-70.76	-60.10	0.88	4.83	V
	2136	-56.20	-13	-43.20	-71.20	-57.18	1.18	4.31	V
	2848	-60.46	-13	-47.46	-78.92	-62.59	1.40	5.68	V
									V
									V
									V
									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	1400	-55.07	-13	-42.07	-67.32	-56.73	0.87	4.68	H
	2096	-57.88	-13	-44.88	-72.65	-58.75	1.16	4.19	H
	2795	-60.96	-13	-47.96	-79.16	-63.06	1.38	5.64	H
									H
									H
									H
									H
	1400	-54.35	-13	-41.35	-66.59	-56.01	0.87	4.68	V
	2096	-57.84	-13	-44.84	-72.62	-58.71	1.16	4.19	V
	2795	-60.75	-13	-47.75	-78.95	-62.85	1.38	5.64	V
									V
									V
									V
									V
Middle	1408	-57.16	-13	-44.16	-69.41	-58.87	0.87	4.73	H
	2112	-50.40	-13	-37.40	-65.24	-51.32	1.17	4.24	H
	2816	-50.10	-13	-37.10	-78.38	-52.21	1.39	5.65	H
									H
									H
									H
									H
	1408	-57.89	-13	-44.89	-70.14	-59.60	0.87	4.73	V
	2112	-52.30	-13	-39.30	-67.14	-53.22	1.17	4.24	V
	2816	-60.36	-13	-47.36	-78.64	-62.47	1.39	5.65	V
									V
									V
									V
									V



Highest	1416	-60.00	-13	-47.00	-72.36	-61.75	0.87	4.78	H
	2120	-59.31	-13	-46.31	-74.23	-60.25	1.17	4.26	H
	2832	-60.66	-13	-47.66	-79.02	-62.78	1.39	5.67	H
									H
									H
									H
									H
	1416	-59.56	-13	-46.56	-71.92	-61.31	0.87	4.78	V
	2120	-58.88	-13	-45.88	-73.80	-59.82	1.17	4.26	V
	2832	-60.71	-13	-47.71	-79.07	-62.83	1.39	5.67	V
									V
									V
									V
									V

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



LTE Band 13

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1560	-63.20	-42.15	-21.05	-76.49	-65.24	0.94	5.13	H
	2344	-59.00	-13	-46.00	-74.98	-60.54	1.24	4.93	H
	3120	-59.02	-13	-46.02	-78.52	-61.71	1.49	6.33	H
									H
									H
									H
									H
	1560	-63.26	-42.15	-21.11	-76.55	-65.30	0.94	5.13	V
	2344	-59.54	-13	-46.54	-75.52	-61.08	1.24	4.93	V
	3120	-59.56	-13	-46.56	-79.06	-62.25	1.49	6.33	V
									V
									V
									V
									V
Middle	1560	-63.47	-42.15	-21.32	-76.76	-65.51	0.94	5.13	H
	2344	-58.56	-13	-45.56	-74.54	-60.10	1.24	4.93	H
	3128	-59.47	-13	-46.47	-78.97	-62.20	1.49	6.36	H
									H
									H
									H
									H
	1560	-62.70	-42.15	-20.55	-75.99	-64.74	0.94	5.13	V
	2344	-59.91	-13	-46.91	-75.89	-61.45	1.24	4.93	V
	3128	-59.56	-13	-46.56	-79.06	-62.29	1.49	6.36	V
									V
									V
									V
									V



Highest	1568	-63.25	-42.15	-21.10	-76.57	-65.27	0.94	5.11	H
	2352	-60.65	-13	-47.65	-76.71	-62.21	1.24	4.96	H
	3136	-59.55	-13	-46.55	-79.10	-62.31	1.49	6.40	H
									H
									H
									H
									H
	1568	-63.18	-42.15	-21.03	-76.50	-65.20	0.94	5.11	V
	2352	-60.38	-13	-47.38	-76.44	-61.94	1.24	4.96	V
	3136	-59.38	-13	-46.38	-78.93	-62.14	1.49	6.40	V
									V
									V
									V
									V

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



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-63.41	-42.15	-21.26	-76.7	-65.45	0.94	5.13	H
	2344	-58.69	-13	-45.69	-74.67	-60.23	1.24	4.93	H
	3128	-59.60	-13	-46.60	-79.1	-62.33	1.49	6.36	H
									H
									H
									H
									H
	1560	-62.61	-42.15	-20.46	-75.9	-64.65	0.94	5.13	V
	2344	-59.17	-13	-46.17	-75.15	-60.71	1.24	4.93	V
	3128	-59.69	-13	-46.69	-79.19	-62.42	1.49	6.36	V
									V
									V
									V
									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	-57.94	-13	-44.94	-70.19	-59.65	0.87	4.73	H	
	2112	-60.61	-13	-47.61	-75.45	-61.53	1.17	4.24	H	
	8456	-44.41	-13	-31.41	-79.28	-52.36	2.37	12.46	H	
										H
										H
										H
										H
	1408	-55.79	-13	-42.79	-68.04	-57.50	0.87	4.73	V	
	2112	-59.83	-13	-46.83	-74.67	-60.75	1.17	4.24	V	
	8456	-44.61	-13	-31.61	-79.48	-52.56	2.37	12.46	V	
										V
										V
										V
										V
Middle	1416	-60.98	-13	-47.98	-73.34	-62.73	0.87	4.78	H	
	2120	-60.15	-13	-47.15	-75.07	-61.09	1.17	4.26	H	
	8496	-43.82	-13	-30.82	-78.73	-51.79	2.37	12.50	H	
										H
										H
										H
										H
	1416	-59.31	-13	-46.31	-71.67	-61.06	0.87	4.78	V	
	2120	-59.04	-13	-46.04	-73.96	-59.98	1.17	4.26	V	
	8496	-43.71	-13	-30.71	-78.62	-51.68	2.37	12.50	V	
										V
										V
										V
										V



Highest	1424	-60.02	-13	-47.02	-72.48	-61.82	0.88	4.83	H
	2136	-59.39	-13	-46.39	-74.39	-60.37	1.18	4.31	H
	8536	-44.54	-13	-31.54	-79.54	-52.52	2.38	12.51	H
									H
									H
									H
									H
	1424	-59.73	-13	-46.73	-72.19	-61.53	0.88	4.83	V
	2136	-58.45	-13	-45.45	-73.45	-59.43	1.18	4.31	V
	8536	-43.40	-13	-30.40	-78.40	-51.38	2.38	12.51	V
									V
									V
									V
									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	1408	-58.43	-13	-45.43	-70.68	-60.14	0.87	4.73	H
	2112	-60.04	-13	-47.04	-74.88	-60.96	1.17	4.24	H
	8456	-43.08	-13	-30.08	-77.95	-51.03	2.37	12.46	H
									H
									H
									H
									H
	1408	-56.70	-13	-43.70	-68.95	-58.41	0.87	4.73	V
	2112	-59.09	-13	-46.09	-73.93	-60.01	1.17	4.24	V
	8456	-43.82	-13	-30.82	-78.69	-51.77	2.37	12.46	V
									V
									V
									V
									V
Middle	1408	-58.26	-13	-45.26	-70.51	-59.97	0.87	4.73	H
	2120	-59.93	-13	-46.93	-74.85	-60.87	1.17	4.26	H
	8464	-44.18	-13	-31.18	-79.06	-52.13	2.37	12.47	H
									H
									H
									H
									H
	1408	-58.37	-13	-45.37	-70.62	-60.08	0.87	4.73	V
	2120	-59.71	-13	-46.71	-74.63	-60.65	1.17	4.26	V
	8464	-44.14	-13	-31.14	-79.02	-52.09	2.37	12.47	V
									V
									V
									V
									V



Highest	1416	-61.34	-13	-48.34	-73.70	-63.09	0.87	4.78	H
	2120	-59.70	-13	-46.70	-74.62	-60.64	1.17	4.26	H
	8480	-42.31	-13	-29.31	-77.20	-50.27	2.37	12.48	H
									H
									H
									H
									H
	1416	-57.80	-13	-44.80	-70.16	-59.55	0.87	4.78	V
	2120	-59.84	-13	-46.84	-74.76	-60.78	1.17	4.26	V
	8480	-43.37	-13	-30.37	-78.26	-51.33	2.37	12.48	V
									V
									V
									V
									V

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



LTE Band 66

LTE Band 66 / 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	-56.63	-13	-43.63	-76.93	-62.7	1.58	7.65	H	
	5128	-41.53	-13	-28.53	-67.41	-48.82	2.41	9.70	H	
	6843	-39.11	-13	-26.11	-71.42	-47.08	2.64	10.61	H	
	8551	-43.20	-13	-30.20	-78.26	-53.33	2.39	12.52	H	
	10264	-34.29	-13	-21.29	-75.21	-43.9	2.69	12.31	H	
										H
										H
	3420	-56.06	-13	-43.06	-76.36	-62.13	1.58	7.65	V	
	5128	-43.77	-13	-30.77	-69.65	-51.06	2.41	9.70	V	
	6843	-44.81	-13	-31.81	-77.12	-52.78	2.64	10.61	V	
	8551	-44.95	-13	-31.95	-80.38	-55.08	2.39	12.52	V	
	10264	-38.55	-13	-25.55	-79.47	-48.16	2.69	12.31	V	
										V
										V
Middle	3490	-54.91	-13	-41.91	-75.4	-61.26	1.60	7.96	H	
	5233	-41.12	-13	-28.12	-67.26	-48.35	2.47	9.70	H	
	6976	-43.31	-13	-30.31	-76.05	-51.48	2.60	10.77	H	
	8726	-37.32	-13	-24.32	-72.9	-47.49	2.42	12.59	H	
	10464	-33.92	-13	-20.92	-75.49	-43.61	2.69	12.39	H	
										H
	3490	-54.52	-13	-41.52	-75.01	-60.87	1.60	7.96	V	
	5233	-45.42	-13	-32.42	-71.56	-52.65	2.47	9.70	V	
	6976	-47.25	-13	-34.25	-79.99	-55.42	2.60	10.77	V	
	8726	-43.85	-13	-30.85	-79.43	-54.02	2.42	12.59	V	
	10464	-34.85	-13	-21.85	-76.42	-44.54	2.69	12.39	V	
										V



Highest	3560	-53.84	-13	-40.84	-74.46	-60.29	1.62	8.07	H
	5338	-40.77	-13	-27.77	-67.15	-47.94	2.53	9.70	H
	7116	-45.11	-13	-32.11	-78.11	-53.59	2.55	11.03	H
	8894	-43.04	-13	-30.04	-79.13	-53.24	2.46	12.66	H
	10672	-32.18	-13	-19.18	-74.07	-41.92	2.69	12.43	H
									H
									H
	3560	-54.43	-13	-41.43	-75.05	-60.88	1.62	8.07	V
	5338	-41.99	-13	-28.99	-68.37	-49.16	2.53	9.70	V
	7116	-46.63	-13	-33.63	-79.63	-55.11	2.55	11.03	V
	8894	-45.36	-13	-32.36	-81.45	-55.56	2.46	12.66	V
	10672	-34.57	-13	-21.57	-76.46	-44.31	2.69	12.43	V
									V
									V

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



LTE Band 66 / 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	-57.11	-13	-44.11	-77.41	-63.18	1.58	7.65	H
	5128	-41.29	-13	-28.29	-67.17	-48.58	2.41	9.70	H
	6843	-39.83	-13	-26.83	-72.14	-47.8	2.64	10.61	H
	8551	-43.05	-13	-30.05	-78.11	-53.18	2.39	12.52	H
	10264	-34.11	-13	-21.11	-75.03	-43.72	2.69	12.31	H
	13680	-33.85	-13	-20.85	-79.31	-44.63	3.10	13.88	H
									H
	3420	-55.06	-13	-42.06	-75.36	-61.13	1.58	7.65	V
	5128	-45.10	-13	-32.10	-70.98	-52.39	2.41	9.70	V
	6843	-44.88	-13	-31.88	-77.19	-52.85	2.64	10.61	V
	8551	-45.65	-13	-32.65	-80.71	-55.78	2.39	12.52	V
	10264	-38.02	-13	-25.02	-78.94	-47.63	2.69	12.31	V
	13680	-35.40	-13	-22.40	-80.86	-46.18	3.10	13.88	V
									V
Middle	3490	-55.11	-13	-42.11	-75.6	-61.46	1.60	7.96	H
	5233	-40.16	-13	-27.16	-66.3	-47.39	2.47	9.70	H
	6976	-42.58	-13	-29.58	-75.32	-50.75	2.60	10.77	H
	8719	-39.17	-13	-26.17	-74.75	-49.34	2.42	12.59	H
	10464	-34.13	-13	-21.13	-75.7	-43.82	2.69	12.39	H
									H
									H
	3490	-55.32	-13	-42.32	-75.81	-61.67	1.60	7.96	V
	5233	-45.22	-13	-32.22	-71.36	-52.45	2.47	9.70	V
	6976	-47.02	-13	-34.02	-79.76	-55.19	2.60	10.77	V
	8719	-44.74	-13	-31.74	-80.32	-54.91	2.42	12.59	V
	10464	-35.87	-13	-22.87	-77.44	-45.56	2.69	12.39	V
									V
									V



Highest	3553	-54.18	-13	-41.18	-74.78	-60.62	1.62	8.06	H
	5331	-40.95	-13	-27.95	-67.33	-48.12	2.53	9.70	H
	7109	-45.15	-13	-32.15	-78.12	-53.61	2.56	11.02	H
	8887	-43.21	-13	-30.21	-79.28	-53.41	2.46	12.65	H
	10664	-33.42	-13	-20.42	-75.27	-43.16	2.69	12.43	H
									H
									H
	3553	-53.68	-13	-40.68	-74.28	-60.12	1.62	8.06	V
	5331	-41.49	-13	-28.49	-67.87	-48.66	2.53	9.70	V
	7109	-47.30	-13	-34.30	-80.27	-55.76	2.56	11.02	V
	8887	-45.06	-13	-32.06	-81.13	-55.26	2.46	12.65	V
	10664	-35.77	-13	-22.77	-77.62	-45.51	2.69	12.43	V
									V
									V

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



LTE Band 66 / 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	-57.26	-13	-44.26	-77.56	-63.33	1.58	7.65	H
	5128	-43.54	-13	-30.54	-69.42	-50.83	2.41	9.70	H
	6843	-42.73	-13	-29.73	-75.04	-50.7	2.64	10.61	H
	8551	-44.39	-13	-31.39	-79.45	-54.52	2.39	12.52	H
	10264	-35.49	-13	-22.49	-76.41	-45.1	2.69	12.31	H
									H
									H
	3420	-58.64	-13	-45.64	-78.94	-64.71	1.58	7.65	V
	5128	-49.53	-13	-36.53	-75.41	-56.82	2.41	9.70	V
	6843	-45.15	-13	-32.15	-77.46	-53.12	2.64	10.61	V
	8551	-46.22	-13	-33.22	-81.28	-56.35	2.39	12.52	V
	10264	-39.98	-13	-26.98	-80.9	-49.59	2.69	12.31	V
									V
									V
Middle	3483	-56.63	-13	-43.63	-77.11	-62.96	1.60	7.93	H
	5226	-44.69	-13	-31.69	-70.83	-51.92	2.47	9.70	H
	6969	-45.06	-13	-32.06	-77.73	-53.22	2.60	10.76	H
	8712	-42.94	-13	-29.94	-78.5	-53.1	2.42	12.58	H
	10456	-33.39	-13	-20.39	-74.91	-43.08	2.69	12.38	H
									H
									H
	3483	-57.56	-13	-44.56	-78.04	-63.89	1.60	7.93	V
	5226	-48.65	-13	-35.65	-74.79	-55.88	2.47	9.70	V
	6969	-46.86	-13	-33.86	-79.53	-55.02	2.60	10.76	V
	8712	-45.64	-13	-32.64	-81.2	-55.8	2.42	12.58	V
	10456	-34.02	-13	-21.02	-75.54	-43.71	2.69	12.38	V
									V
									V



Highest	3553	-56.72	-13	-43.72	-77.32	-63.16	1.62	8.06	H
	5324	-46.33	-13	-33.33	-72.67	-53.51	2.52	9.70	H
	7102	-44.76	-13	-31.76	-77.73	-53.21	2.56	11.00	H
	8880	-40.24	-13	-27.24	-76.31	-50.44	2.46	12.65	H
	10656	-29.91	-13	-16.91	-71.78	-39.65	2.69	12.43	H
									H
									H
	3553	-58.39	-13	-45.39	-78.99	-64.83	1.62	8.06	V
	5324	-49.20	-13	-36.20	-75.54	-56.38	2.52	9.70	V
	7102	-46.93	-13	-33.93	-79.9	-55.38	2.56	11.00	V
	8880	-44.52	-13	-31.52	-80.59	-54.72	2.46	12.65	V
	10656	-33.01	-13	-20.01	-74.88	-42.75	2.69	12.43	V
									V
									V

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



LTE Band 66 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-54.15	-13	-41.15	-74.65	-60.22	1.58	7.65	H
	5135	-43.37	-13	-30.37	-69.25	-50.66	2.41	9.70	H
	6843	-39.58	-13	-26.58	-71.89	-47.55	2.64	10.61	H
	8551	-42.44	-13	-29.44	-77.5	-52.57	2.39	12.52	H
	10264	-34.77	-13	-21.77	-75.69	-44.38	2.69	12.31	H
	13688	-33.83	-13	-20.83	-79.29	-44.61	3.10	13.89	H
									H
	3420	-55.08	-13	-42.08	-75.38	-61.15	1.58	7.65	V
	5135	-46.80	-13	-33.80	-72.68	-54.09	2.41	9.70	V
	6843	-44.35	-13	-31.35	-76.66	-52.32	2.64	10.61	V
	8551	-45.94	-13	-32.94	-81	-56.07	2.39	12.52	V
	10264	-38.16	-13	-25.16	-79.08	-47.77	2.69	12.31	V
	13688	-35.05	-13	-22.05	-80.51	-45.83	3.10	13.89	V
									V
Middle	3483	-50.80	-13	-37.80	-71.28	-57.13	1.60	7.93	H
	5219	-42.29	-13	-29.29	-68.38	-49.53	2.46	9.70	H
	6962	-42.40	-13	-29.40	-75.08	-50.55	2.60	10.75	H
	8705	-39.17	-13	-26.17	-74.69	-49.33	2.42	12.58	H
	10448	-33.95	-13	-20.95	-75.47	-43.64	2.69	12.38	H
									H
									H
	3483	-52.38	-13	-39.38	-72.86	-58.71	1.60	7.93	V
	5219	-44.96	-13	-31.96	-71.05	-52.2	2.46	9.70	V
	6962	-45.79	-13	-32.79	-78.47	-53.94	2.60	10.75	V
	8705	-44.84	-13	-31.84	-80.36	-55	2.42	12.58	V
	10440	-35.61	-13	-22.61	-77.05	-45.29	2.69	12.38	V
									V
									V



Highest	3539	-54.34	-13	-41.34	-74.92	-60.77	1.62	8.05	H
	5310	-45.08	-13	-32.08	-71.43	-52.26	2.52	9.70	H
	7081	-45.30	-13	-32.30	-78.25	-53.7	2.56	10.96	H
	8852	-41.69	-13	-28.69	-77.66	-51.88	2.45	12.64	H
	10624	-34.30	-13	-21.30	-76.13	-44.03	2.69	12.42	H
									H
									H
	3539	-54.83	-13	-41.83	-75.41	-61.26	1.62	8.05	V
	5310	-45.53	-13	-32.53	-71.88	-52.71	2.52	9.70	V
	7081	-47.48	-13	-34.48	-80.43	-55.88	2.56	10.96	V
	8852	-45.43	-13	-32.43	-81.4	-55.62	2.45	12.64	V
	10624	-36.27	-13	-23.27	-78.1	-46	2.69	12.42	V
									V
									V

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



LTE Band 66 / 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	3420	-55.27	-13	-42.27	-75.57	-61.34	1.58	7.65	H
	5135	-44.85	-13	-31.85	-70.73	-52.14	2.41	9.70	H
	6843	-40.22	-13	-27.22	-72.53	-48.19	2.64	10.61	H
	8551	-44.09	-13	-31.09	-79.15	-54.22	2.39	12.52	H
	10264	-35.03	-13	-22.03	-75.95	-44.64	2.69	12.31	H
									H
									H
	3420	-56.07	-13	-43.07	-76.37	-62.14	1.58	7.65	V
	5135	-47.55	-13	-34.55	-73.43	-54.84	2.41	9.70	V
	6843	-45.11	-13	-32.11	-77.42	-53.08	2.64	10.61	V
	8551	-46.24	-13	-33.24	-81.3	-56.37	2.39	12.52	V
	10264	-39.23	-13	-26.23	-80.15	-48.84	2.69	12.31	V
									V
									V
Middle	3476	-53.91	-13	-40.91	-74.39	-60.21	1.60	7.89	H
	5212	-43.35	-13	-30.35	-69.44	-50.59	2.46	9.70	H
	6955	-42.83	-13	-29.83	-75.45	-50.97	2.61	10.75	H
	8691	-41.23	-13	-28.23	-76.71	-51.39	2.42	12.58	H
	10432	-34.98	-13	-21.98	-76.45	-44.66	2.69	12.37	H
									H
									H
	3476	-54.65	-13	-41.65	-75.13	-60.95	1.60	7.89	V
	5212	-47.43	-13	-34.43	-73.52	-54.67	2.46	9.70	V
	6955	-46.33	-13	-33.33	-78.95	-54.47	2.61	10.75	V
	8691	-45.56	-13	-32.56	-81.04	-55.72	2.42	12.58	V
	10432	-34.82	-13	-21.82	-76.29	-44.5	2.69	12.37	V
									V
									V



Highest	3532	-53.29	-13	-40.29	-73.86	-59.71	1.61	8.04	H
	5296	-44.89	-13	-31.89	-71.19	-52.08	2.51	9.70	H
	7060	-45.39	-13	-32.39	-78.27	-53.74	2.57	10.92	H
	8831	-43.14	-13	-30.14	-79.05	-53.33	2.45	12.63	H
	10592	-33.41	-13	-20.41	-75.19	-43.14	2.69	12.42	H
									H
									H
	3532	-53.86	-13	-40.86	-74.43	-60.28	1.61	8.04	V
	5296	-47.08	-13	-34.08	-73.38	-54.27	2.51	9.70	V
	7060	-47.74	-13	-34.74	-80.62	-56.09	2.57	10.92	V
	8831	-45.36	-13	-32.36	-81.27	-55.55	2.45	12.63	V
	10592	-35.11	-13	-22.11	-76.89	-44.84	2.69	12.42	V
									V
									V

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



LTE Band 66 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-55.08	-13	-42.08	-75.38	-61.15	1.58	7.65	H
	5135	-45.21	-13	-32.21	-71.09	-52.5	2.41	9.70	H
	6843	-40.78	-13	-27.78	-73.09	-48.75	2.64	10.61	H
	8558	-42.24	-13	-29.24	-77.37	-52.38	2.39	12.52	H
	10264	-35.52	-13	-22.52	-76.44	-45.13	2.69	12.31	H
									H
									H
	3420	-57.97	-13	-44.97	-78.27	-64.04	1.58	7.65	V
	5135	-48.85	-13	-35.85	-74.73	-56.14	2.41	9.70	V
	6843	-46.06	-13	-33.06	-78.37	-54.03	2.64	10.61	V
	8558	-45.96	-13	-32.96	-81.06	-56.1	2.39	12.52	V
	10264	-39.23	-13	-26.23	-80.15	-48.84	2.69	12.31	V
									V
									V
Middle	3476	-53.73	-13	-40.73	-74.21	-60.03	1.60	7.89	H
	5212	-43.73	-13	-30.73	-69.82	-50.97	2.46	9.70	H
	6948	-41.94	-13	-28.94	-74.56	-50.07	2.61	10.74	H
	8684	-44.01	-13	-31.01	-79.47	-54.17	2.41	12.57	H
	10416	-34.69	-13	-21.69	-76.1	-44.36	2.69	12.37	H
									H
									H
	3476	-55.93	-13	-42.93	-76.41	-62.23	1.60	7.89	V
	5212	-47.10	-13	-34.10	-73.19	-54.34	2.46	9.70	V
	6948	-45.25	-13	-32.25	-77.87	-53.38	2.61	10.74	V
	8684	-45.74	-13	-32.74	-81.2	-55.9	2.41	12.57	V
	10416	-35.34	-13	-22.34	-76.75	-45.01	2.69	12.37	V
									V
									V



Highest	3525	-57.68	-13	-44.68	-78.25	-64.1	1.61	8.03	H
	5282	-44.85	-13	-31.85	-71.11	-52.05	2.50	9.70	H
	7046	-43.77	-13	-30.77	-76.65	-52.09	2.58	10.89	H
	8803	-43.72	-13	-30.72	-79.54	-53.9	2.44	12.62	H
	10568	-33.74	-13	-20.74	-75.5	-43.46	2.69	12.41	H
									H
									H
	3525	-58.28	-13	-45.28	-78.85	-64.7	1.61	8.03	V
	5282	-49.71	-13	-36.71	-75.97	-56.91	2.50	9.70	V
	7046	-47.41	-13	-34.41	-80.29	-55.73	2.58	10.89	V
	8803	-44.90	-13	-31.90	-80.72	-55.08	2.44	12.62	V
	10568	-34.76	-13	-21.76	-76.52	-44.48	2.69	12.41	V
									V
									V

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