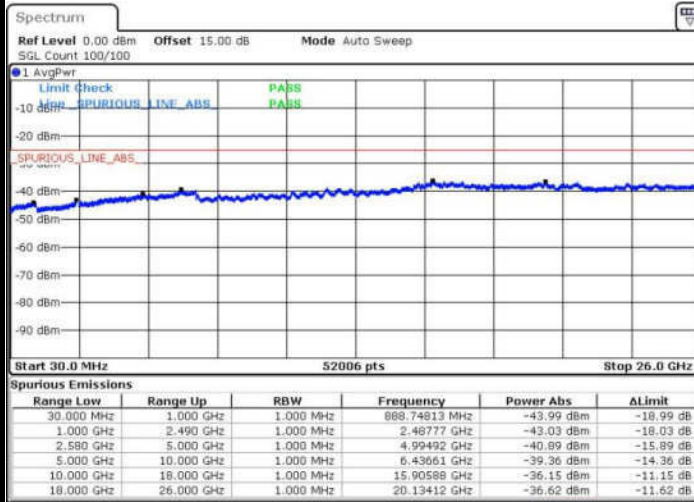




LTE Band 7 / 15MHz

Lowest Channel / QPSK



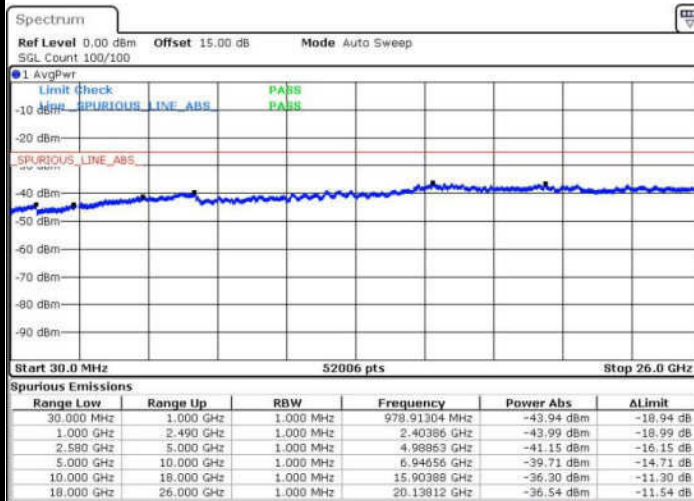
Date: 5 JUN 2016 10:20:29

Lowest Channel / 16QAM



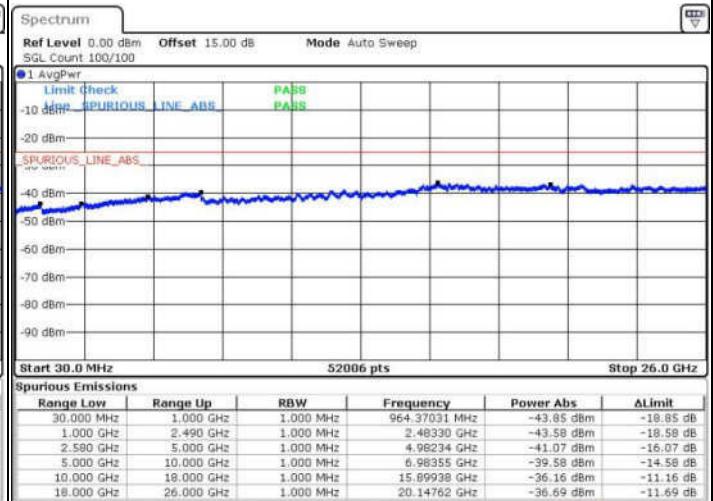
Date: 5 JUN 2016 10:21:23

Middle Channel / QPSK



Date: 5 JUN 2016 10:23:00

Middle Channel / 16QAM

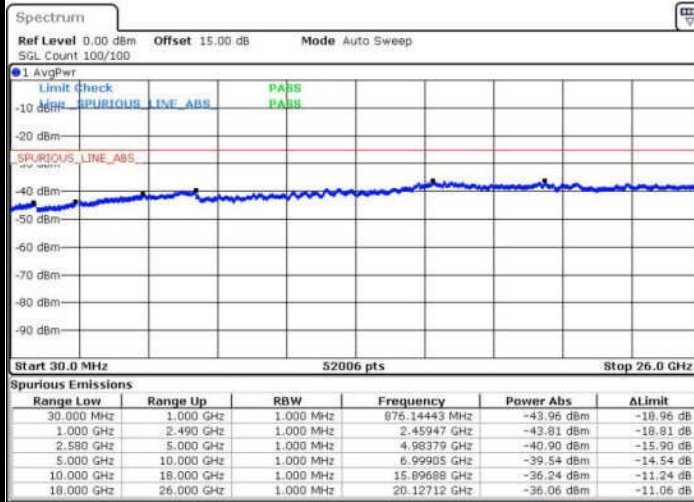


Date: 5 JUN 2016 10:23:54



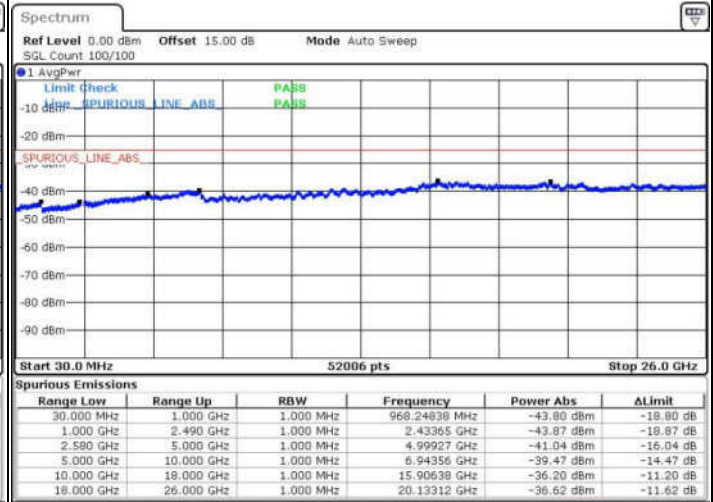
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 5 JUN 2016 10:30:06

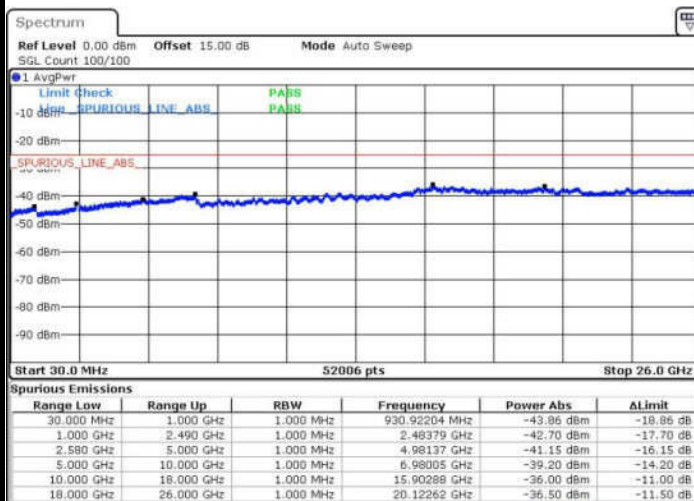
Highest Channel / 16QAM



Date: 5 JUN 2016 10:31:01

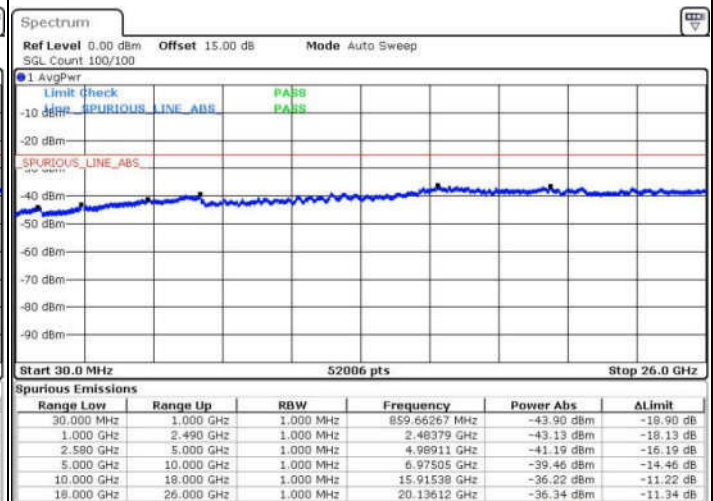
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 5 JUN 2016 10:37:13

Lowest Channel / 16QAM

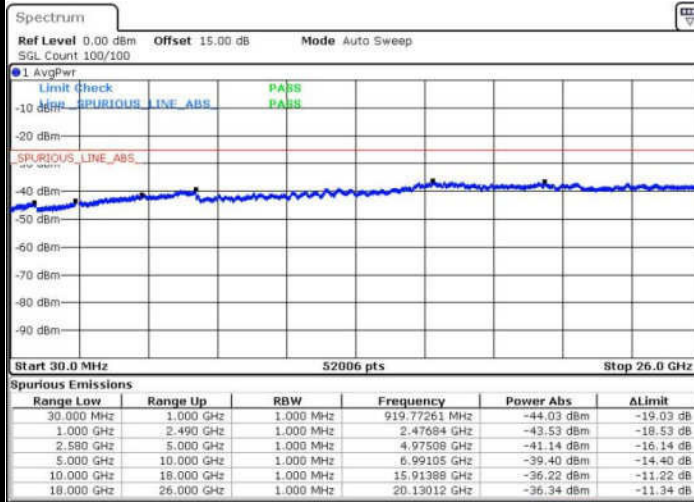


Date: 5 JUN 2016 10:38:07



LTE Band 7 / 20MHz

Middle Channel / QPSK



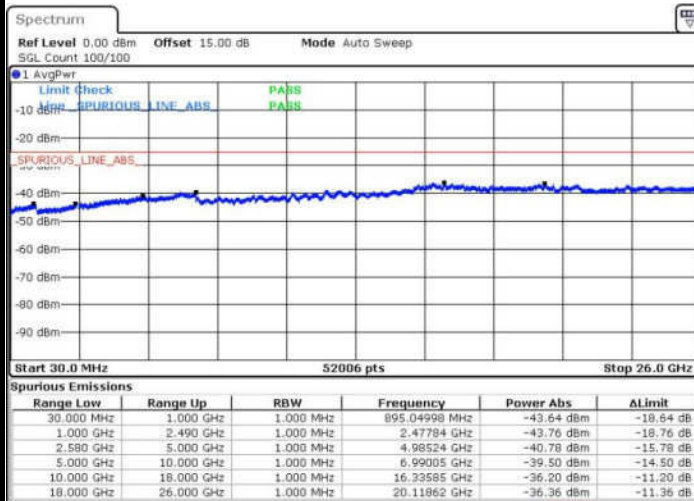
Date: 5 JUN 2016 10:39:44

Middle Channel / 16QAM



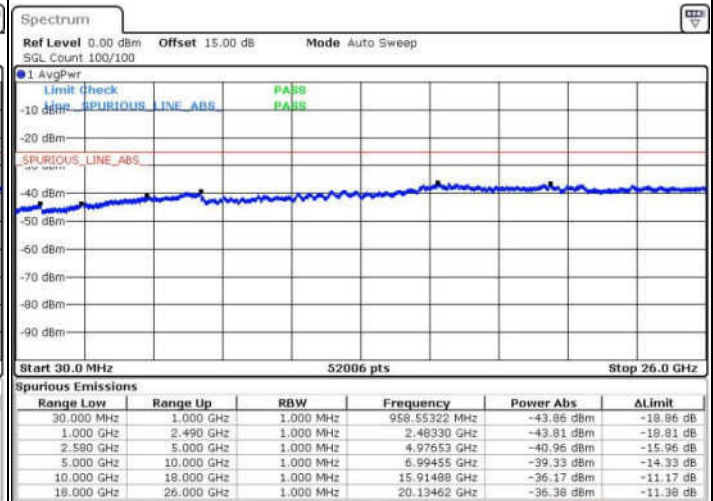
Date: 5 JUN 2016 10:40:39

Highest Channel / QPSK



Date: 5 JUN 2016 10:46:50

Highest Channel / 16QAM

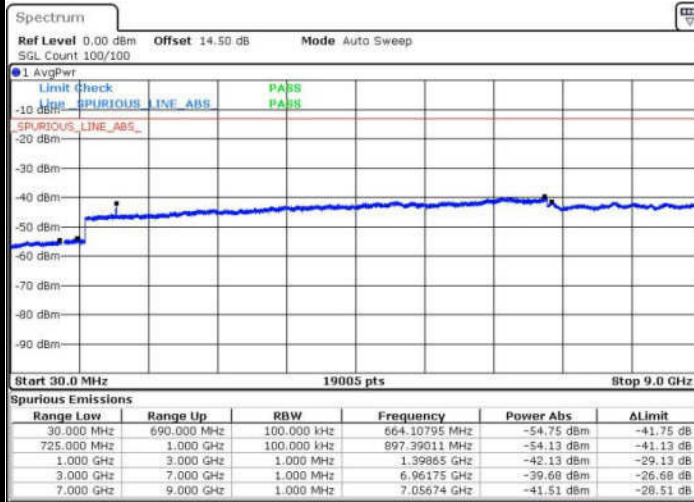


Date: 5 JUN 2016 10:47:45



LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



Date: 5 JUN 2016 11:13:49

Lowest Channel / 16QAM



Date: 5 JUN 2016 13:15:13

Middle Channel / QPSK



Date: 5 JUN 2016 11:20:23

Middle Channel / 16QAM

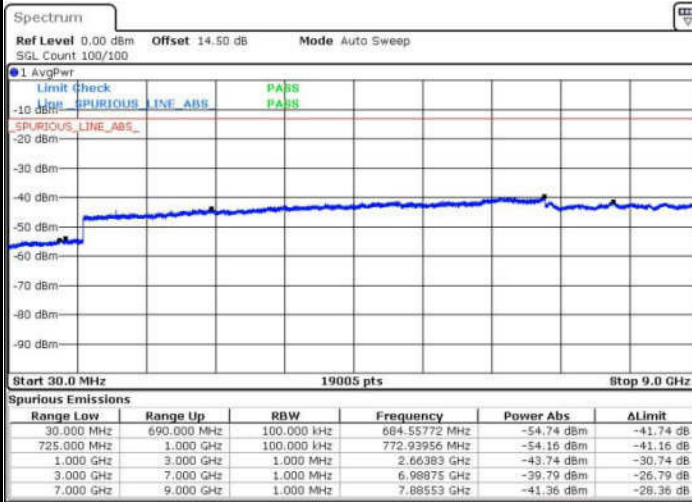


Date: 5 JUN 2016 11:21:18



LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 5 JUN 2016 11:31:01

Highest Channel / 16QAM



Date: 5 JUN 2016 11:31:56

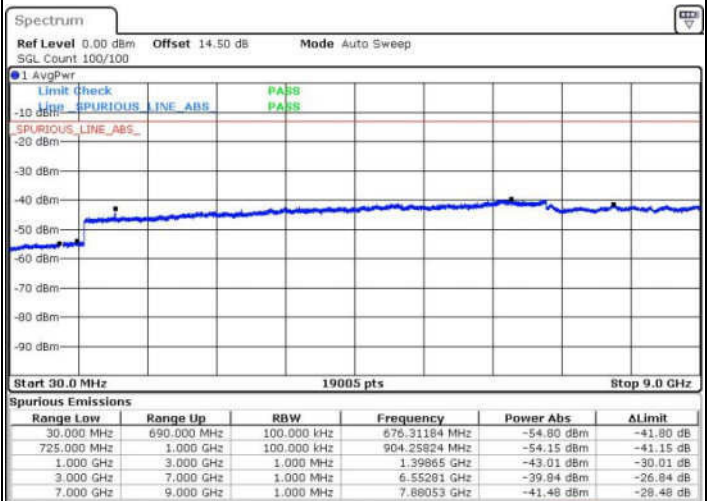
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 5 JUN 2016 11:41:38

Lowest Channel / 16QAM

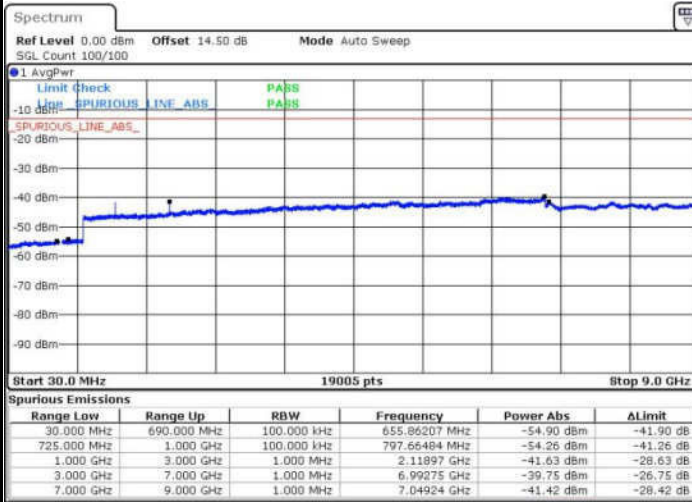


Date: 5 JUN 2016 11:42:33



LTE Band 12 / 3MHz

Middle Channel / QPSK



Date: 5 JUN 2016 11:44:11

Middle Channel / 16QAM



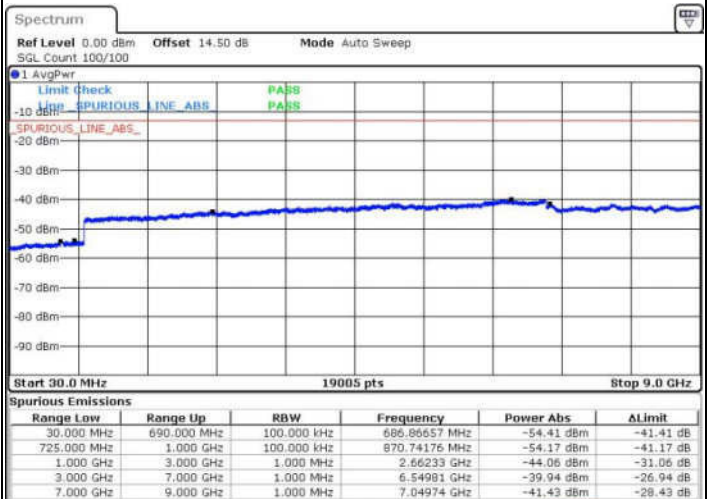
Date: 5 JUN 2016 11:45:06

Highest Channel / QPSK



Date: 5 JUN 2016 11:54:48

Highest Channel / 16QAM

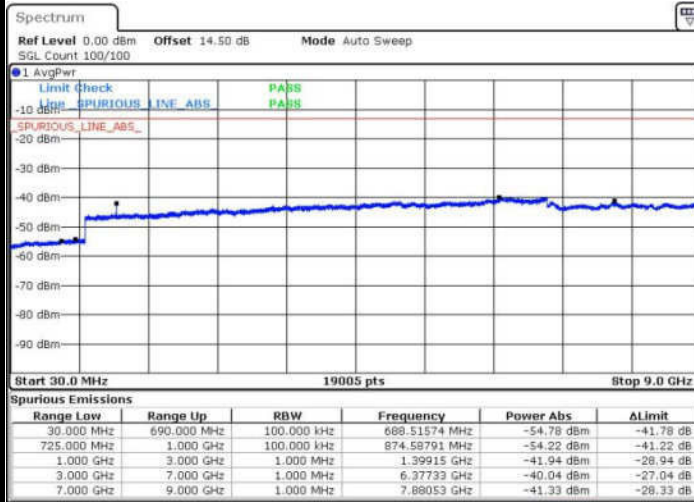


Date: 5 JUN 2016 11:55:43



LTE Band 12 / 5MHz

Lowest Channel / QPSK



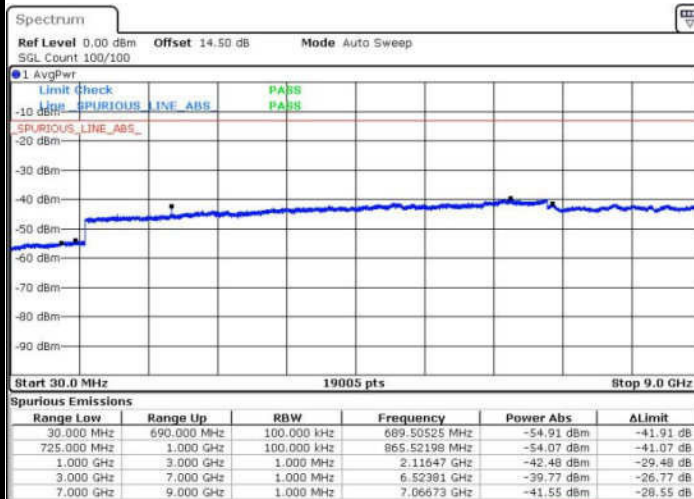
Date: 5 JUN 2016 12:05:26

Lowest Channel / 16QAM



Date: 5 JUN 2016 12:06:21

Middle Channel / QPSK



Date: 5 JUN 2016 12:07:59

Middle Channel / 16QAM

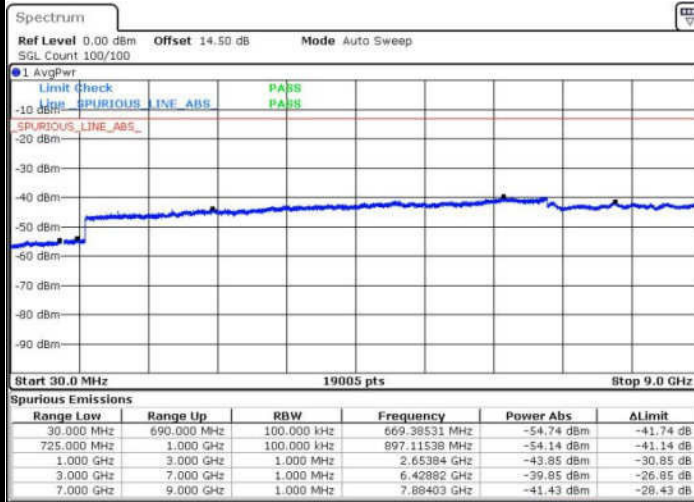


Date: 5 JUN 2016 12:08:54



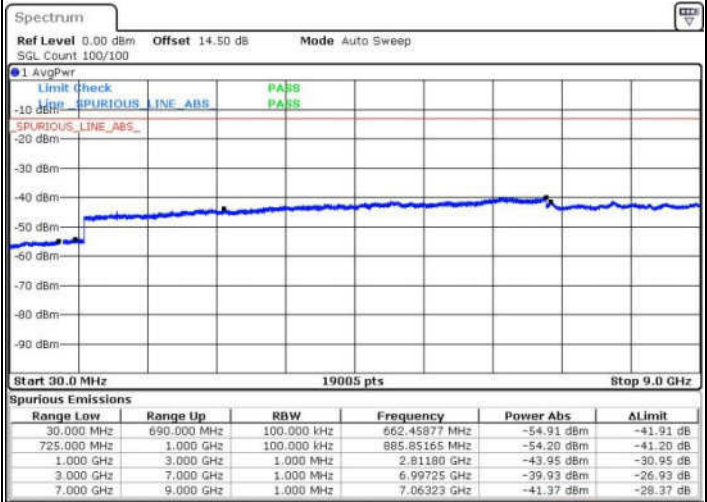
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 5 JUN 2016 12:18:37

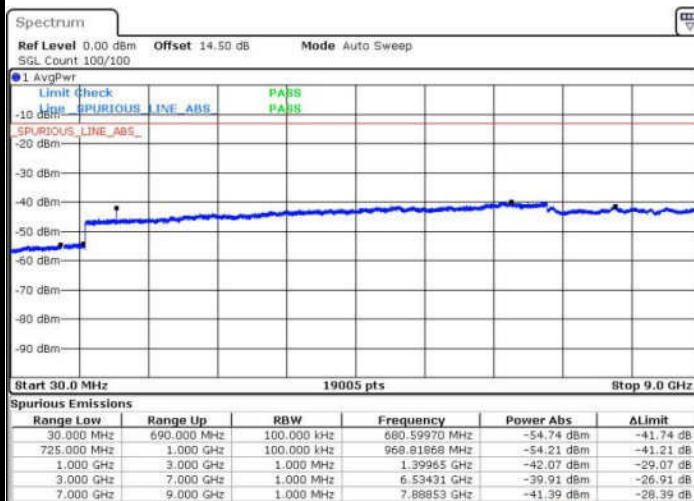
Highest Channel / 16QAM



Date: 5 JUN 2016 12:19:32

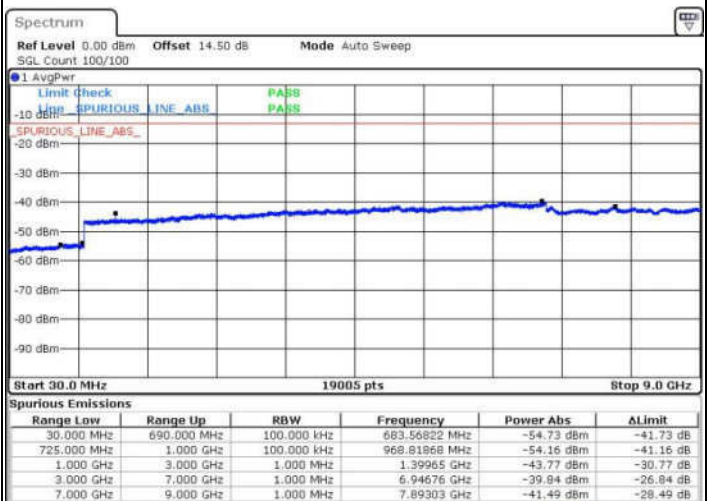
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 5 JUN 2016 12:29:14

Lowest Channel / 16QAM

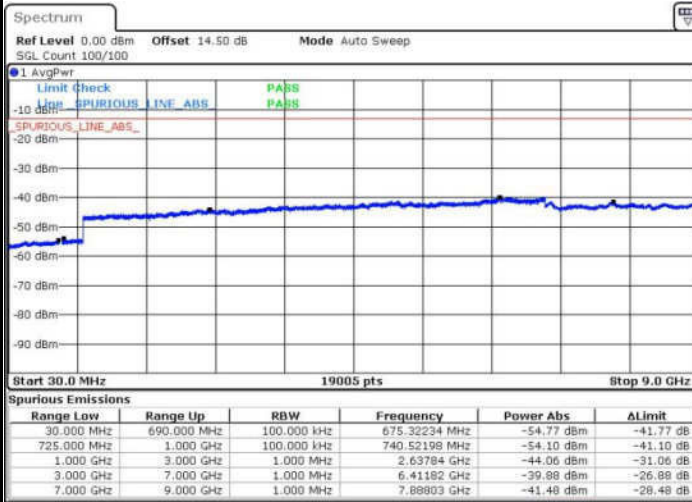


Date: 5 JUN 2016 12:30:09



LTE Band 12 / 10MHz

Middle Channel / QPSK



Date: 5 JUN 2016 12:31:47

Middle Channel / 16QAM



Date: 5 JUN 2016 12:32:42

Highest Channel / QPSK



Date: 5 JUN 2016 12:42:25

Highest Channel / 16QAM



Date: 5 JUN 2016 12:43:20

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0046	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0040	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0040	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0052	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0046	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0084	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.35 V



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0095	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0085	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	22.36	0.1722	22.90	0.1950
Middle		3	1	23.40	0.2186	23.66	0.2325
Highest		3	1	24.17	0.2612	24.30	0.2692
Lowest	16QAM	1	3	21.23	0.1327	21.88	0.1542
Middle		1	3	22.02	0.1591	22.66	0.1846
Highest		1	3	22.76	0.1888	23.15	0.2065
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.38	0.1730	22.70	0.1862
Middle		1	0	23.29	0.2135	23.56	0.2272
Highest		1	8	23.96	0.2489	24.11	0.2576
Lowest	16QAM	1	14	21.10	0.1288	21.70	0.1479
Middle		1	0	22.09	0.1618	22.61	0.1823
Highest		1	0	22.72	0.1871	23.06	0.2023
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.42	0.1746	22.97	0.1982
Middle		1	12	23.46	0.2219	23.69	0.2337
Highest		1	12	24.23	0.2649	24.12	0.2582
Lowest	16QAM	1	24	21.15	0.1303	21.81	0.1517
Middle		1	12	22.23	0.1671	22.83	0.1921
Highest		1	24	22.69	0.1858	22.95	0.1972
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.52	0.1786	22.89	0.1945
Middle		1	25	23.43	0.2205	23.78	0.2388
Highest		1	0	23.91	0.2460	24.26	0.2667
Lowest	16QAM	1	49	21.33	0.1358	22.02	0.1592
Middle		1	25	22.11	0.1624	22.70	0.1860
Highest		1	0	22.63	0.1832	22.97	0.1982
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.43	0.1750	22.83	0.1919
Middle		1	0	23.12	0.2050	23.49	0.2236
Highest		1	0	23.74	0.2366	23.94	0.2477
Lowest	16QAM	1	37	21.33	0.1358	21.91	0.1552
Middle		1	0	21.89	0.1545	22.54	0.1794
Highest		1	0	22.59	0.1816	23.01	0.2000
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.83	0.1919	23.30	0.2138
Middle		1	49	23.29	0.2135	23.53	0.2255
Highest		1	49	23.92	0.2466	24.08	0.2559
Lowest	16QAM	1	49	21.44	0.1393	21.61	0.1449
Middle		1	49	21.99	0.1580	22.21	0.1662
Highest		1	0	22.40	0.1738	22.78	0.1897
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	21.64	0.1459	21.29	0.1346
Middle		3	1	22.04	0.1599	21.93	0.1559
Highest		3	1	21.72	0.1486	21.96	0.1570
Lowest	16QAM	1	0	19.79	0.0953	19.13	0.0818
Middle		1	0	20.49	0.1118	20.30	0.1072
Highest		1	3	20.72	0.1180	20.41	0.1099
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.63	0.1455	20.99	0.1256
Middle		1	0	21.85	0.1530	21.74	0.1492
Highest		1	0	21.48	0.1406	21.55	0.1429
Lowest	16QAM	1	0	20.36	0.1086	20.12	0.1028
Middle		1	8	20.65	0.1161	20.89	0.1228
Highest		1	0	20.35	0.1084	20.63	0.1156
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.56	0.1432	20.90	0.1230
Middle		1	12	21.63	0.1457	21.65	0.1462
Highest		1	24	21.48	0.1406	21.66	0.1466
Lowest	16QAM	1	0	20.41	0.1099	19.75	0.0944
Middle		1	0	20.66	0.1164	20.36	0.1086
Highest		1	0	20.39	0.1094	20.50	0.1122
Limit	EIRP < 1W			Result		PASS	



LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.00	0.1585	21.26	0.1337
Middle		1	0	21.93	0.1559	21.70	0.1481
Highest		1	25	21.71	0.1483	21.57	0.1435
Lowest	16QAM	1	0	20.64	0.1159	19.74	0.0942
Middle		1	0	20.85	0.1215	20.46	0.1112
Highest		1	25	20.51	0.1125	20.05	0.1012
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.67	0.1469	21.32	0.1355
Middle		1	37	22.01	0.1589	21.65	0.1463
Highest		1	0	21.85	0.1531	21.60	0.1445
Lowest	16QAM	1	0	20.66	0.1164	19.84	0.0964
Middle		1	0	20.87	0.1221	20.40	0.1095
Highest		1	0	20.77	0.1194	20.16	0.1038
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	21.61	0.1449	21.17	0.1309
Middle		1	49	21.67	0.1469	21.56	0.1431
Highest		1	49	21.44	0.1393	21.50	0.1413
Lowest	16QAM	1	49	20.65	0.1161	20.05	0.1012
Middle		1	49	21.23	0.1326	20.84	0.1213
Highest		1	0	20.85	0.1216	20.29	0.1069
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	16.87	0.0486	11.06	0.0128
Middle		1	3	17.50	0.0562	11.26	0.0134
Highest		3	0	16.98	0.0499	10.38	0.0109
Lowest	16QAM	3	1	16.11	0.0408	10.29	0.0107
Middle		1	0	16.58	0.0455	10.51	0.0113
Highest		1	0	16.15	0.0412	9.57	0.0091
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	17.00	0.0501	11.12	0.0129
Middle		1	0	17.48	0.0560	11.11	0.0129
Highest		1	0	17.15	0.0519	10.43	0.0110
Lowest	16QAM	1	14	16.07	0.0405	10.26	0.0106
Middle		1	14	16.91	0.0491	10.53	0.0113
Highest		1	14	16.35	0.0432	9.86	0.0097
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	16.92	0.0492	11.05	0.0127
Middle		1	12	17.43	0.0553	11.27	0.0134
Highest		1	12	17.25	0.0531	10.76	0.0119
Lowest	16QAM	1	0	16.36	0.0433	9.49	0.0089
Middle		1	12	16.93	0.0493	10.40	0.0110
Highest		1	0	16.34	0.0431	10.44	0.0111
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	17.26	0.0532	11.39	0.0138
Middle		1	25	17.55	0.0569	11.71	0.0148
Highest		1	25	17.25	0.0531	11.41	0.0138
Lowest	16QAM	1	0	16.20	0.0417	10.37	0.0109
Middle		1	49	16.75	0.0473	10.60	0.0115
Highest		1	49	16.59	0.0456	10.37	0.0109
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	11.75	0.0150	11.42	0.0139
Middle		1	12	12.39	0.0174	11.83	0.0152
Highest		1	12	9.65	0.0092	9.36	0.0086
Lowest	16QAM	1	0	11.31	0.0135	11.34	0.0136
Middle		1	24	11.74	0.0149	11.31	0.0135
Highest		1	0	9.75	0.0094	9.34	0.0086
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	11.31	0.0135	11.11	0.0129
Middle		1	25	12.18	0.0165	11.67	0.0147
Highest		1	25	10.14	0.0103	9.76	0.0095
Lowest	16QAM	1	0	10.81	0.0121	10.65	0.0116
Middle		1	49	11.52	0.0142	11.04	0.0127
Highest		1	25	9.62	0.0092	9.22	0.0084
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	11.02	0.0126	10.89	0.0123
Middle		1	37	11.91	0.0155	11.41	0.0138
Highest		1	74	10.71	0.0118	10.20	0.0105
Lowest	16QAM	1	0	11.13	0.0130	10.89	0.0123
Middle		1	74	11.59	0.0144	11.05	0.0127
Highest		1	74	8.95	0.0079	8.55	0.0072
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	11.31	0.0135	11.29	0.0135
Middle		1	0	12.36	0.0172	11.86	0.0153
Highest		1	0	12.83	0.0192	12.25	0.0168
Lowest	16QAM	1	0	11.52	0.0142	10.06	0.0101
Middle		1	49	12.60	0.0182	11.96	0.0157
Highest		1	0	12.31	0.0170	10.20	0.0105
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	18.37	0.0687	8.89	0.0077
Middle		3	1	18.10	0.0646	8.97	0.0079
Highest		3	1	17.59	0.0574	8.73	0.0075
Lowest	16QAM	1	0	17.30	0.0537	7.57	0.0057
Middle		1	5	17.23	0.0528	8.21	0.0066
Highest		1	3	17.03	0.0505	8.10	0.0065
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	18.23	0.0665	8.69	0.0074
Middle		1	0	18.23	0.0665	8.88	0.0077
Highest		1	14	17.77	0.0598	8.72	0.0074
Lowest	16QAM	1	14	17.84	0.0608	8.17	0.0066
Middle		1	0	17.04	0.0505	7.68	0.0059
Highest		1	0	17.14	0.0518	8.27	0.0067
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	19.05	0.0804	9.35	0.0086
Middle		1	12	18.55	0.0716	9.24	0.0084
Highest		1	12	18.07	0.0641	9.05	0.0080
Lowest	16QAM	1	24	17.66	0.0583	7.90	0.0062
Middle		1	24	17.05	0.0507	7.69	0.0059
Highest		1	12	16.79	0.0478	7.72	0.0059
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	17.84	0.0608	8.71	0.0074
Middle		1	49	17.71	0.0591	8.76	0.0075
Highest		1	25	17.86	0.0611	8.70	0.0074
Lowest	16QAM	1	25	17.42	0.0552	7.85	0.0061
Middle		1	25	17.05	0.0507	7.64	0.0058
Highest		1	25	16.96	0.0497	7.71	0.0059
Limit	ERP < 3W			Result		PASS	

**Radiated Spurious Emission**

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3758.92	-52.57	-13	-39.57	-72.90	-64.30	0.87	12.60	H
	5638.38	-50.68	-13	-37.68	-73.55	-62.71	1.07	13.10	H
	7517.84	-50.19	-13	-37.19	-75.32	-59.80	1.69	11.30	H
	3758.92	-51.52	-13	-38.52	-73.08	-63.25	0.87	12.60	V
	5638.38	-50.02	-13	-37.02	-72.77	-62.05	1.07	13.10	V
	7517.84	-49.66	-13	-36.66	-74.57	-59.09	1.87	11.30	V

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

LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3757.48	-52.80	-13	-39.80	-73.13	-64.53	0.87	12.60	H
	5636.22	-50.79	-13	-37.79	-73.66	-62.82	1.07	13.10	H
	7514.96	-50.76	-13	-37.76	-75.89	-60.37	1.69	11.30	H
	3757.48	-51.08	-13	-38.08	-72.64	-62.81	0.87	12.60	V
	5636.22	-50.13	-13	-37.13	-72.88	-62.16	1.07	13.10	V
	7514.96	-50.88	-13	-37.88	-75.79	-60.31	1.87	11.30	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3755.68	-52.63	-13	-39.63	-72.96	-64.36	0.87	12.60	H
	5633.52	-50.15	-13	-37.15	-73.02	-62.18	1.07	13.10	H
	7511.36	-50.52	-13	-37.52	-75.65	-60.13	1.69	11.30	H
	3755.68	-51.66	-13	-38.66	-73.22	-63.39	0.87	12.60	V
	5633.52	-49.68	-13	-36.68	-72.43	-61.71	1.07	13.10	V
	7511.36	-51.04	-13	-38.04	-75.95	-60.47	1.87	11.30	V

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

LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3751.18	-52.61	-13	-39.61	-72.94	-64.34	0.87	12.60	H
	5626.77	-50.53	-13	-37.53	-73.40	-62.56	1.07	13.10	H
	7502.36	-50.53	-13	-37.53	-75.66	-60.14	1.69	11.30	H
	3751.18	-51.59	-13	-38.59	-73.15	-63.32	0.87	12.60	V
	5626.77	-50.49	-13	-37.49	-73.24	-62.52	1.07	13.10	V
	7502.36	-49.73	-13	-36.73	-74.64	-59.16	1.87	11.30	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3746.68	-52.50	-13	-39.50	-72.83	-64.23	0.87	12.60	H
	5620.02	-50.67	-13	-37.67	-73.54	-62.70	1.07	13.10	H
	7493.36	-50.18	-13	-37.18	-75.31	-59.79	1.69	11.30	H
	3746.68	-51.50	-13	-38.50	-73.06	-63.23	0.87	12.60	V
	5620.02	-51.16	-13	-38.16	-73.91	-63.19	1.07	13.10	V
	7493.36	-50.76	-13	-37.76	-75.67	-60.19	1.87	11.30	V

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

LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742.18	-52.98	-13	-39.98	-73.31	-64.71	0.87	12.60	H
	5613.27	-50.16	-13	-37.16	-73.03	-62.19	1.07	13.10	H
	7484.36	-50.44	-13	-37.44	-75.57	-60.05	1.69	11.30	H
	3742.18	-51.00	-13	-38.00	-72.56	-62.73	0.87	12.60	V
	5613.27	-50.55	-13	-37.55	-73.3	-62.58	1.07	13.10	V
	7484.36	-50.84	-13	-37.84	-75.75	-60.27	1.87	11.30	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3463.74	-52.44	-13	-39.44	-71.22	-64.19	0.85	12.60	H
	5195.61	-48.75	-13	-35.75	-72.04	-60.50	0.95	12.70	H
	6927.48	-50.33	-13	-37.33	-74.71	-60.85	1.18	11.70	H
	3463.74	-51.02	-13	-38.02	-72.11	-62.77	0.85	12.60	V
	5195.61	-53.82	-13	-40.82	-73.05	-65.57	0.95	12.70	V
	6927.48	-50.55	-13	-37.55	-74.86	-61.07	1.18	11.70	V

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

LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3462.48	-52.75	-13	-39.75	-71.53	-64.50	0.85	12.60	H
	5193.72	-50.48	-13	-37.48	-73.77	-62.23	0.95	12.70	H
	6924.96	-51.48	-13	-38.48	-75.86	-62.00	1.18	11.70	H
	3462.48	-50.92	-13	-37.92	-72.01	-62.67	0.85	12.60	V
	5193.72	-54.60	-13	-41.60	-73.83	-66.35	0.95	12.70	V
	6924.96	-51.32	-13	-38.32	-75.63	-61.84	1.18	11.70	V

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



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3460.68	-52.74	-13	-39.74	-71.52	-64.49	0.85	12.60	H
	5191.02	-50.45	-13	-37.45	-73.74	-62.20	0.95	12.70	H
	6921.36	-51.55	-13	-38.55	-75.93	-62.07	1.18	11.70	H
	3460.68	-51.12	-13	-38.12	-72.21	-62.87	0.85	12.60	V
	5191.02	-54.33	-13	-41.33	-73.56	-66.08	0.95	12.70	V
	6921.36	-51.24	-13	-38.24	-75.55	-61.76	1.18	11.70	V

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

LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3456.18	-52.80	-13	-39.80	-71.58	-64.55	0.85	12.60	H
	5184.27	-50.45	-13	-37.45	-73.74	-62.20	0.95	12.70	H
	6912.36	-50.94	-13	-37.94	-75.32	-61.46	1.18	11.70	H
	3456.18	-51.40	-13	-38.40	-72.49	-63.15	0.85	12.60	V
	5184.27	-54.08	-13	-41.08	-73.31	-65.83	0.95	12.70	V
	6912.36	-51.02	-13	-38.02	-75.33	-61.54	1.18	11.70	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3451.68	-53.76	-13	-40.76	-72.54	-65.51	0.85	12.60	H
	5177.52	-49.18	-13	-36.18	-72.47	-60.93	0.95	12.70	H
	6903.36	-51.13	-13	-38.13	-75.51	-61.65	1.18	11.70	H
	3451.68	-51.10	-13	-38.10	-72.19	-62.85	0.85	12.60	V
	5177.52	-54.91	-13	-41.91	-74.14	-66.66	0.95	12.70	V
	6903.36	-51.18	-13	-38.18	-75.49	-61.70	1.18	11.70	V

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

LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3477.18	-53.25	-13	-40.25	-72.03	-65.00	0.85	12.60	H
	5170.77	-49.83	-13	-36.83	-73.12	-61.58	0.95	12.70	H
	6894.36	-50.30	-13	-37.30	-74.68	-60.82	1.18	11.70	H
	3477.18	-51.13	-13	-38.13	-72.22	-62.88	0.85	12.60	V
	5170.77	-54.65	-13	-41.65	-73.88	-66.40	0.95	12.70	V
	6894.36	-51.00	-13	-38.00	-75.31	-61.52	1.18	11.70	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	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	1671.74	-46.57	-13	-33.57	-51.51	-53.26	0.56	9.40	H
	2507.61	-57.64	-13	-44.64	-63.38	-65.35	0.74	10.60	H
	3343.48	-57.89	-13	-44.89	-66.70	-67.49	0.85	12.60	H
	1671.74	-44.94	-13	-31.94	-49.68	-51.63	0.56	9.40	V
	2507.61	-59.29	-13	-46.29	-64.87	-67.00	0.74	10.60	V
	3343.48	-58.79	-13	-45.79	-66.93	-68.39	0.85	12.60	V

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

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670.3	-48.97	-13	-35.97	-53.45	-55.66	0.56	9.40	H
	2505.45	-56.44	-13	-43.44	-62.18	-64.15	0.74	10.60	H
	3340.6	-57.23	-13	-44.23	-66.04	-66.83	0.85	12.60	H
	1670.3	-47.14	-13	-34.14	-51.25	-53.83	0.56	9.40	V
	2505.45	-56.33	-13	-43.33	-61.91	-64.04	0.74	10.60	V
	3340.6	-58.42	-13	-45.42	-66.56	-68.02	0.85	12.60	V

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



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668.5	-51.52	-13	-38.52	-55.09	-58.21	0.56	9.40	H
	2502.75	-56.02	-13	-43.02	-61.76	-63.73	0.74	10.60	H
	3337	-57.87	-13	-44.87	-66.68	-67.47	0.85	12.60	H
	1668.5	-47.50	-13	-34.50	-51.55	-54.19	0.56	9.40	V
	2502.75	-55.01	-13	-42.01	-60.59	-62.72	0.74	10.60	V
	3337	-58.37	-13	-45.37	-66.51	-67.97	0.85	12.60	V

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

LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-54.10	-13	-41.10	-56.93	-60.79	0.56	9.40	H
	2496	-55.28	-13	-42.28	-61.02	-62.99	0.74	10.60	H
	3328	-57.15	-13	-44.15	-65.96	-66.75	0.85	12.60	H
	1664	-51.07	-13	-38.07	-54.37	-57.76	0.56	9.40	V
	2496	-53.37	-13	-40.37	-58.95	-61.08	0.74	10.60	V
	3328	-58.43	-13	-45.43	-66.57	-68.03	0.85	12.60	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5065.68	-47.41	-25	-22.41	-63.61	-59.17	0.94	12.70	H
	7598.52	-40.66	-25	-15.66	-62.03	-50.67	1.69	11.70	H
	10131.36	-41.93	-25	-16.93	-66.29	-52.59	1.44	12.10	H
	5065.68	-45.81	-25	-20.81	-61.56	-57.57	0.94	12.70	V
	7598.52	-45.28	-25	-20.28	-66.27	-55.29	1.69	11.70	V
	10131.36	-44.05	-25	-19.05	-66.95	-54.71	1.44	12.10	V

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

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5061.18	-49.39	-25	-24.39	-65.59	-61.15	0.94	12.70	H
	7591.77	-42.16	-25	-17.16	-63.53	-52.17	1.69	11.70	H
	10122.36	-43.68	-25	-18.68	-68.04	-54.34	1.44	12.10	H
	5061.18	-48.99	-25	-23.99	-64.74	-60.75	0.94	12.70	V
	7591.77	-45.64	-25	-20.64	-66.63	-55.65	1.69	11.70	V
	10122.36	-44.89	-25	-19.89	-67.79	-55.55	1.44	12.10	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5056.68	-48.90	-25	-23.90	-65.10	-60.66	0.94	12.70	H
	7585.02	-42.13	-25	-17.13	-63.50	-52.14	1.69	11.70	H
	10131.36	-43.61	-25	-18.61	-67.97	-54.27	1.44	12.10	H
	5056.68	-46.97	-25	-21.97	-62.72	-58.73	0.94	12.70	V
	7585.02	-44.87	-25	-19.87	-65.86	-54.88	1.69	11.70	V
	10131.36	-45.21	-25	-20.21	-68.11	-55.87	1.44	12.10	V

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

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-48.56	-25	-23.56	-64.76	-60.32	0.94	12.70	H
	7578.27	-41.93	-25	-16.93	-63.30	-51.94	1.69	11.70	H
	10104.36	-43.61	-25	-18.61	-67.97	-54.27	1.44	12.10	H
	5052.18	-46.14	-25	-21.14	-61.89	-57.90	0.94	12.70	V
	7578.27	-45.08	-25	-20.08	-66.07	-55.09	1.69	11.70	V
	10104.36	-45.10	-25	-20.10	-68	-55.76	1.44	12.10	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1413.92	-49.47	-13	-36.47	-56.14	-49.86	2.96	5.50	H
	2120.88	-52.20	-13	-39.20	-61.76	-52.20	3.65	5.80	H
	2827.84	-57.46	-13	-44.46	-69.22	-57.88	4.23	6.80	H
	1413.92	-55.16	-13	-42.16	-59.97	-55.55	2.96	5.50	V
	2120.88	-56.46	-13	-43.46	-66.11	-56.46	3.65	5.80	V
	2827.84	-57.58	-13	-44.58	-69.13	-58.00	4.23	6.80	V

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

LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1412.48	-53.30	-13	-40.30	-58.84	-53.69	2.96	5.50	H
	2118.72	-47.90	-13	-34.90	-59.15	-47.90	3.65	5.80	H
	2824.96	-56.62	-13	-43.62	-68.38	-57.04	4.23	6.80	H
	1412.48	-57.26	-13	-44.26	-62.07	-57.65	2.96	5.50	V
	2118.72	-51.89	-13	-38.89	-62.00	-51.89	3.65	5.80	V
	2824.96	-56.91	-13	-43.91	-68.46	-57.33	4.23	6.80	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1410.68	-48.56	-13	-35.56	-55.36	-48.95	2.96	5.50	H
	2116.02	-48.15	-13	-35.15	-59.29	-48.15	3.65	5.80	H
	2821.36	-57.66	-13	-44.66	-69.42	-58.08	4.23	6.80	H
	1410.68	-56.85	-13	-43.85	-61.66	-57.24	2.96	5.50	V
	2116.02	-56.48	-13	-43.48	-66.13	-56.48	3.65	5.80	V
	2821.36	-58.18	-13	-45.18	-69.73	-58.60	4.23	6.80	V

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

LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406.18	-48.09	-13	-35.09	-55.02	-48.48	2.96	5.50	H
	2109.27	-46.89	-13	-33.89	-58.36	-46.89	3.65	5.80	H
	2812.36	-57.62	-13	-44.62	-69.38	-58.04	4.23	6.80	H
	1406.18	-53.27	-13	-40.27	-59.17	-53.66	2.96	5.50	V
	2109.27	-55.14	-13	-42.14	-64.79	-55.14	3.65	5.80	V
	2812.36	-57.69	-13	-44.69	-69.24	-58.11	4.23	6.80	V

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