



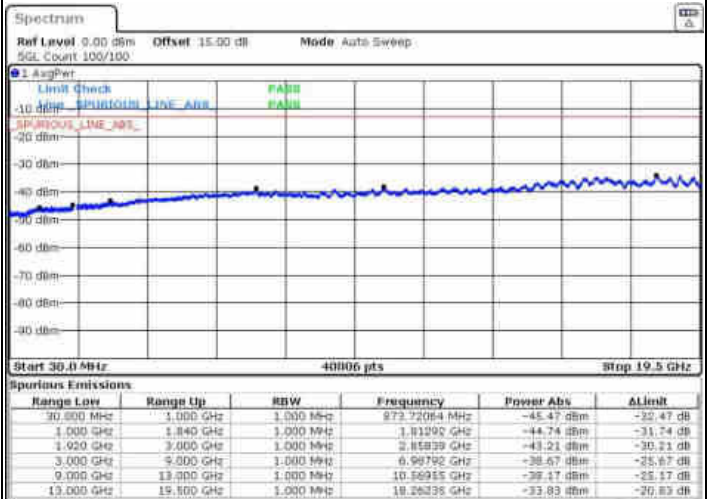
Conducted Spurious Emission

LTE Band 2 / 1.4MHz

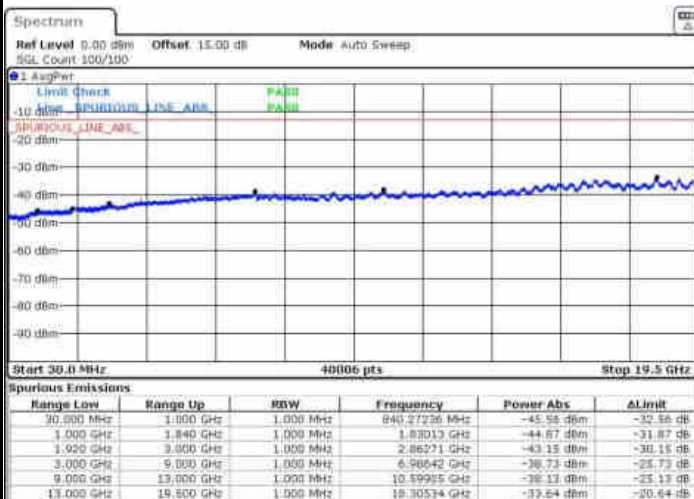
Lowest Channel / QPSK



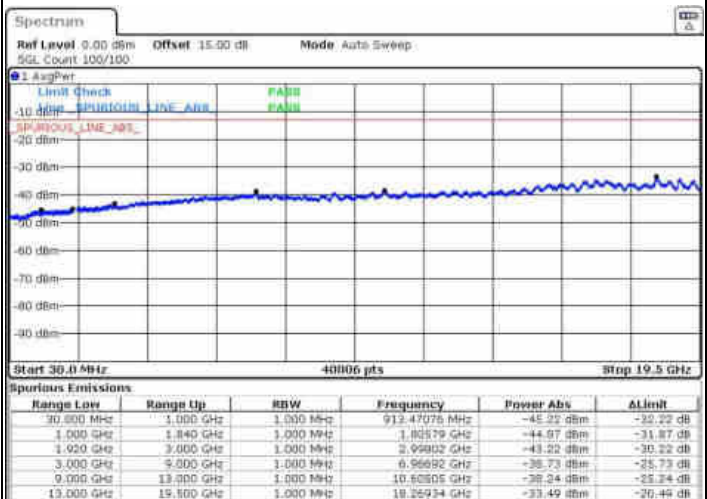
Lowest Channel / 16QAM



Middle Channel / QPSK



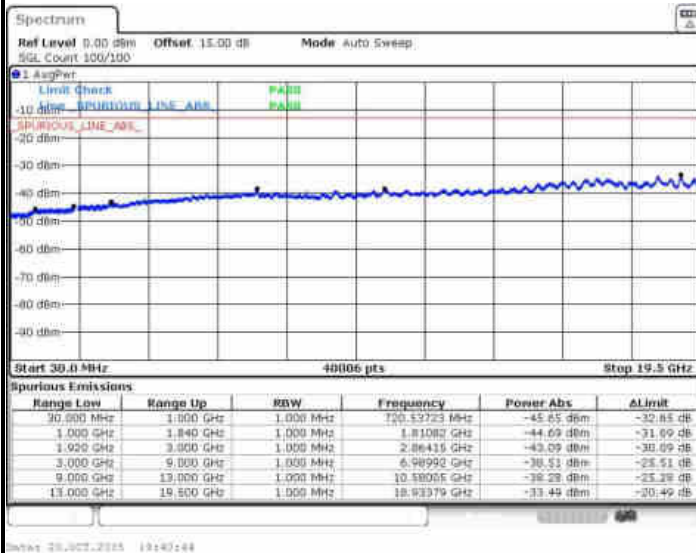
Middle Channel / 16QAM



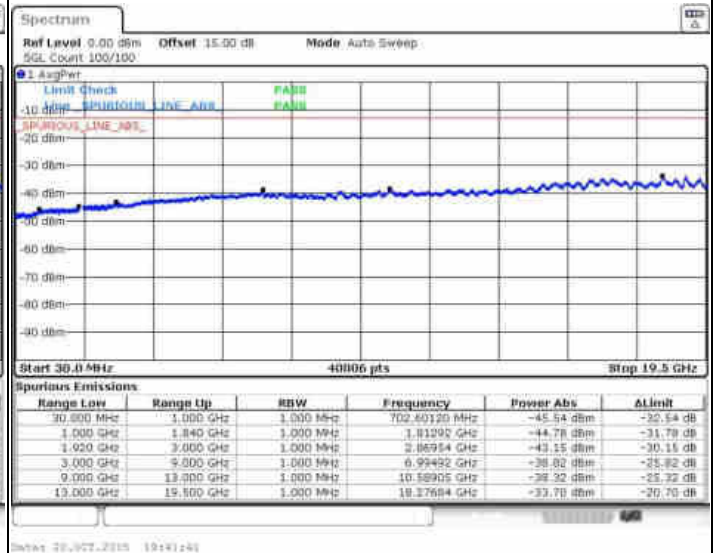


LTE Band 2 / 1.4MHz

Highest Channel / QPSK

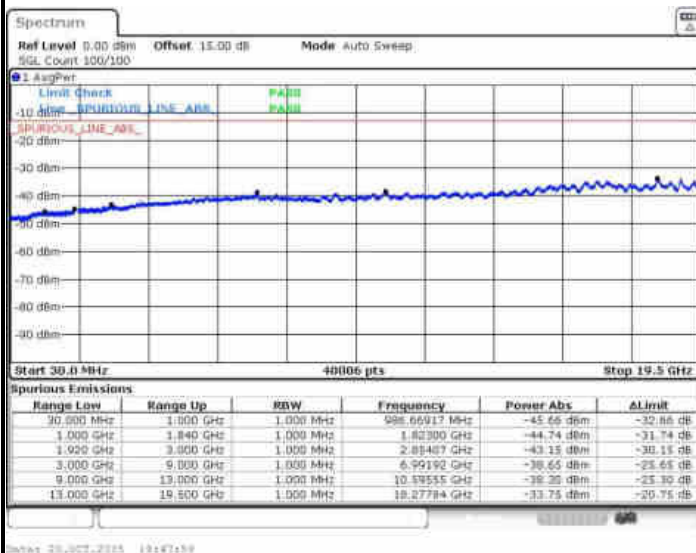


Highest Channel / 16QAM

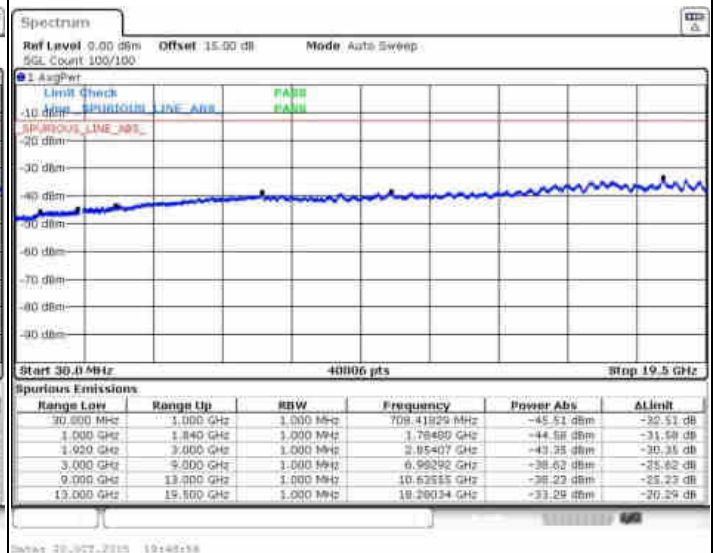


LTE Band 2 / 3MHz

Lowest Channel / QPSK



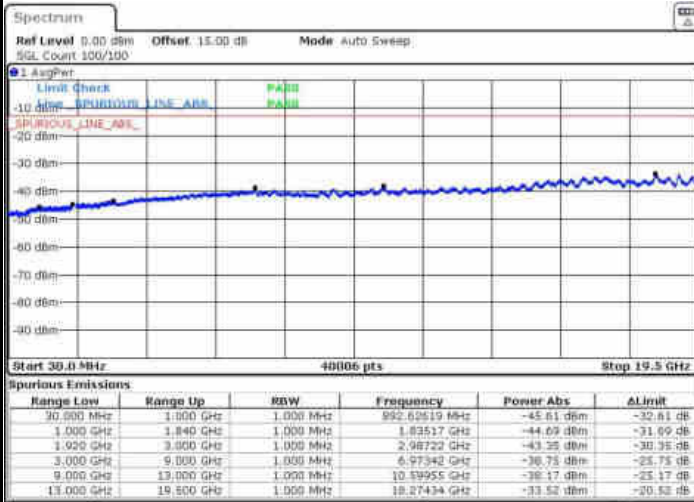
Lowest Channel / 16QAM





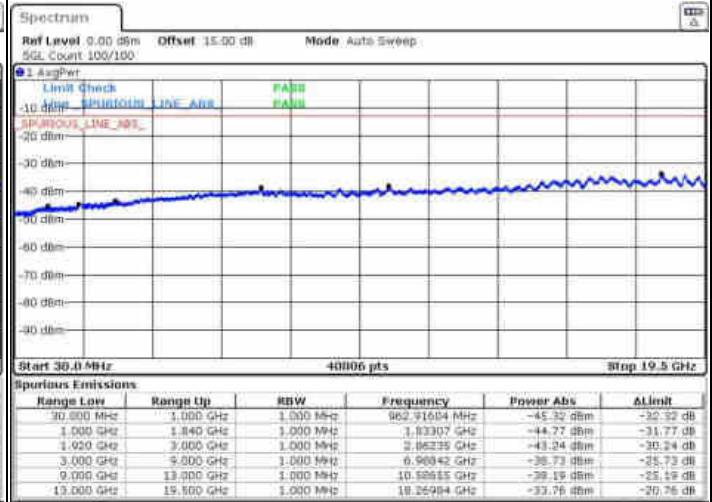
LTE Band 2 / 3MHz

Middle Channel / QPSK



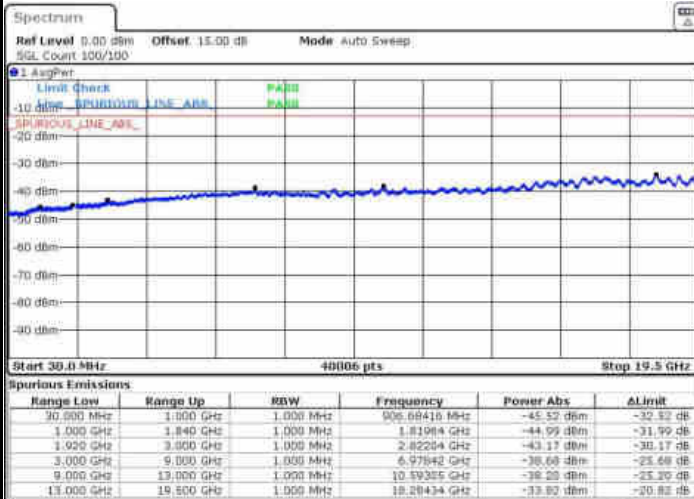
Date: 2015.10.30 10:52:28

Middle Channel / 16QAM



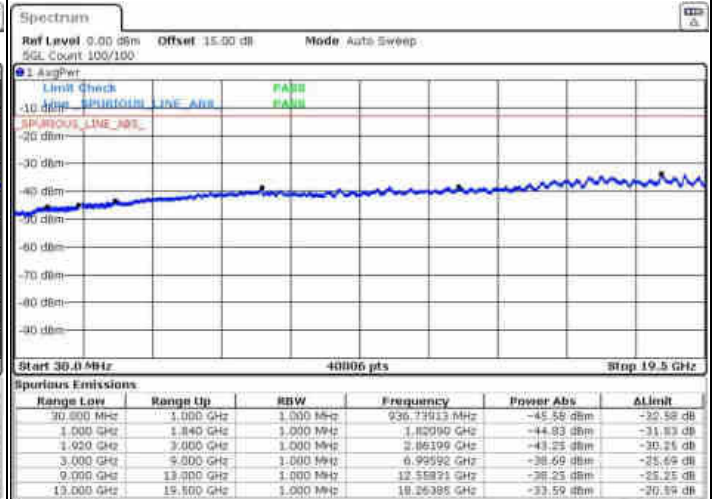
Date: 2015.10.30 10:51:21

Highest Channel / QPSK



Date: 2015.10.30 10:50:55

Highest Channel / 16QAM

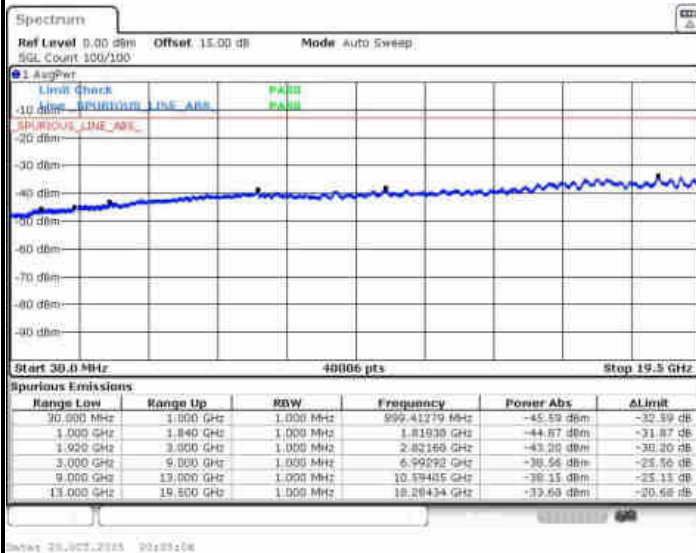


Date: 2015.10.30 10:50:41

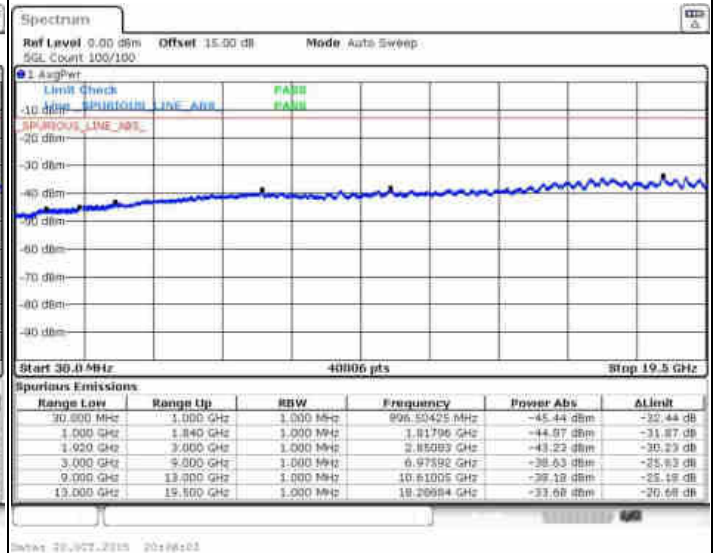


LTE Band 2 / 5MHz

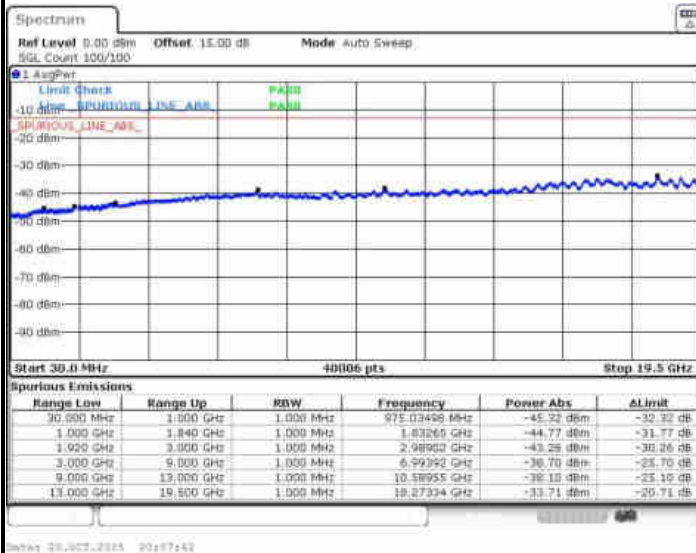
Lowest Channel / QPSK



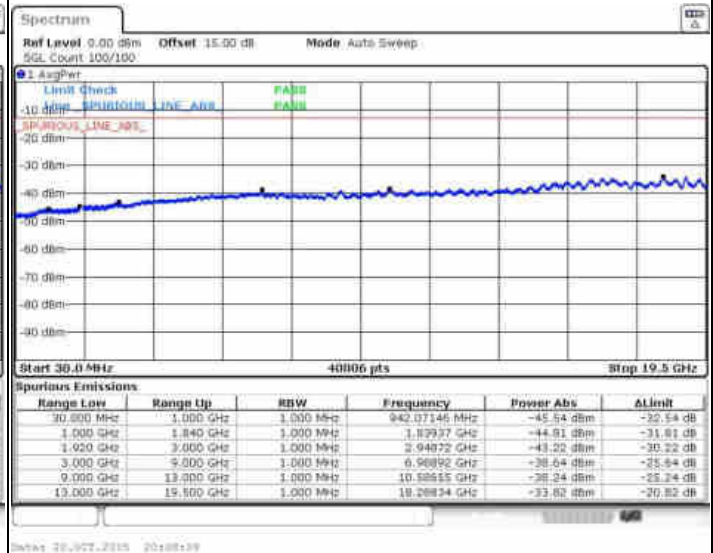
Lowest Channel / 16QAM



Middle Channel / QPSK



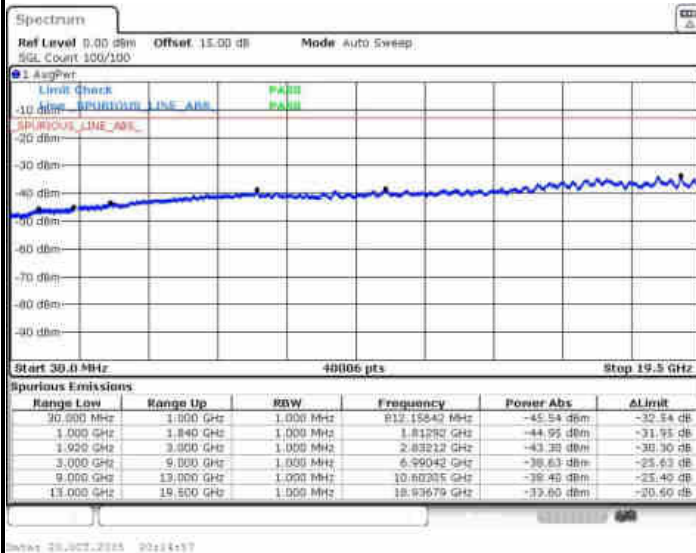
Middle Channel / 16QAM



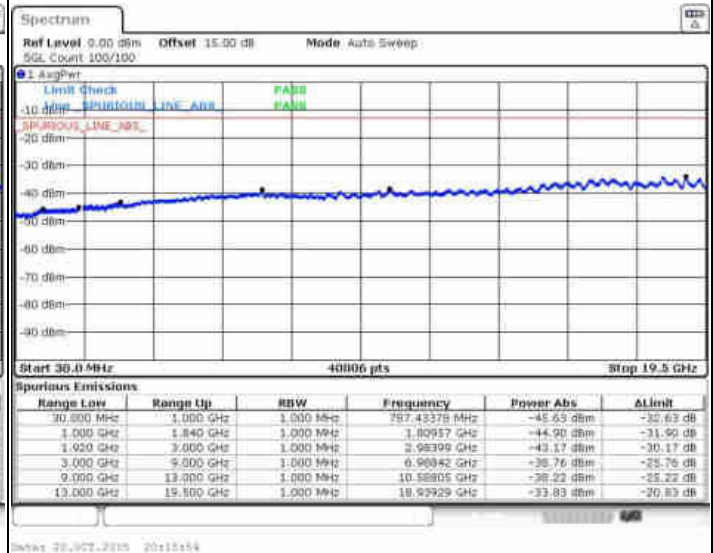


LTE Band 2 / 5MHz

Highest Channel / QPSK

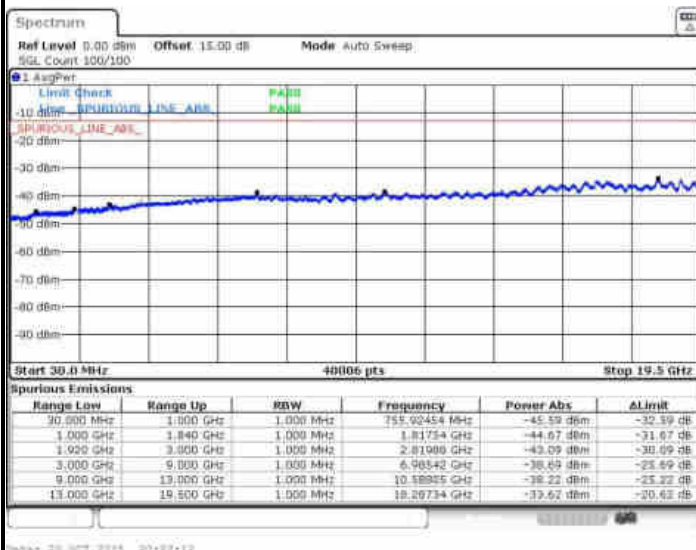


Highest Channel / 16QAM

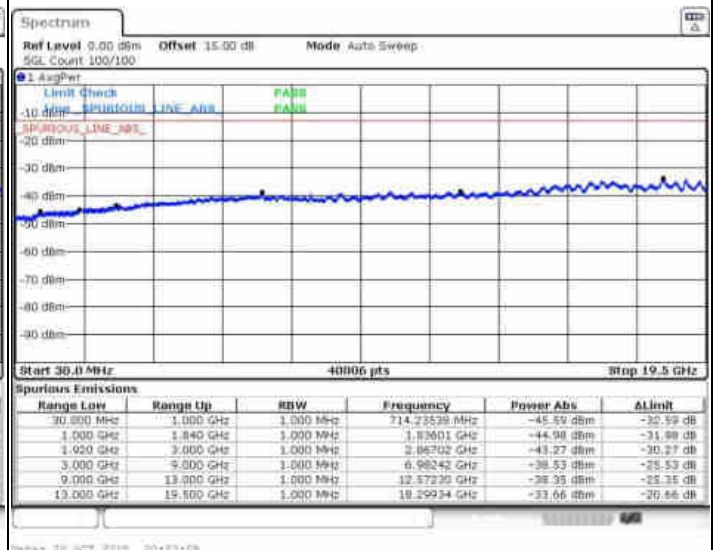


LTE Band 2 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM





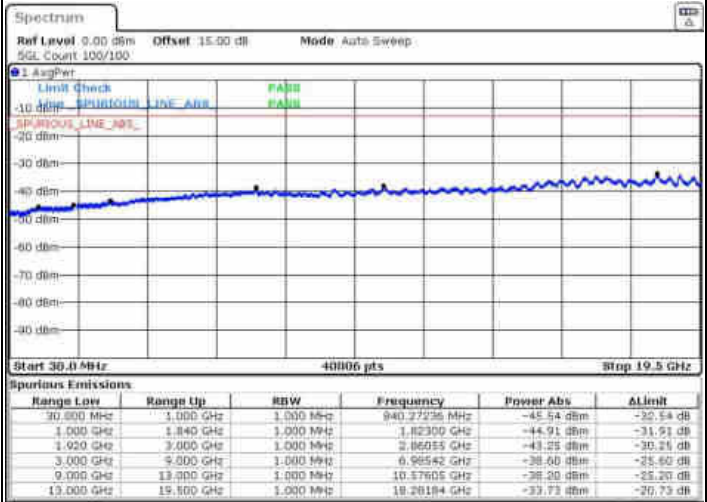
LTE Band 2 / 10MHz

Middle Channel / QPSK



Date: 2015.10.30 20:29:48

Middle Channel / 16QAM



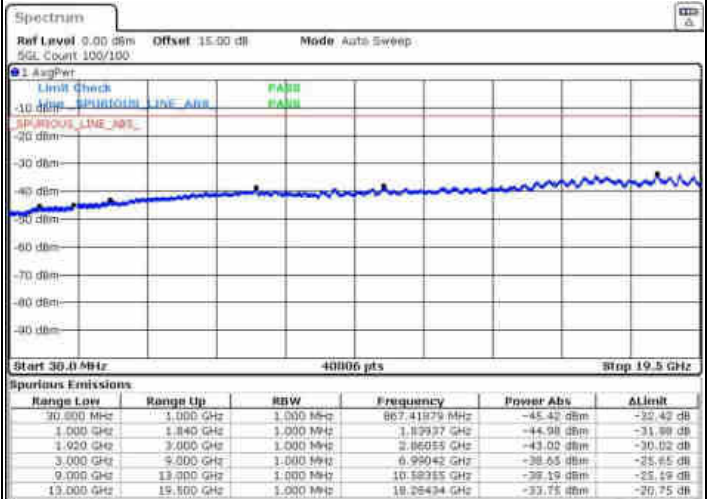
Date: 2015.10.30 20:29:44

Highest Channel / QPSK



Date: 2015.10.30 20:32:00

Highest Channel / 16QAM

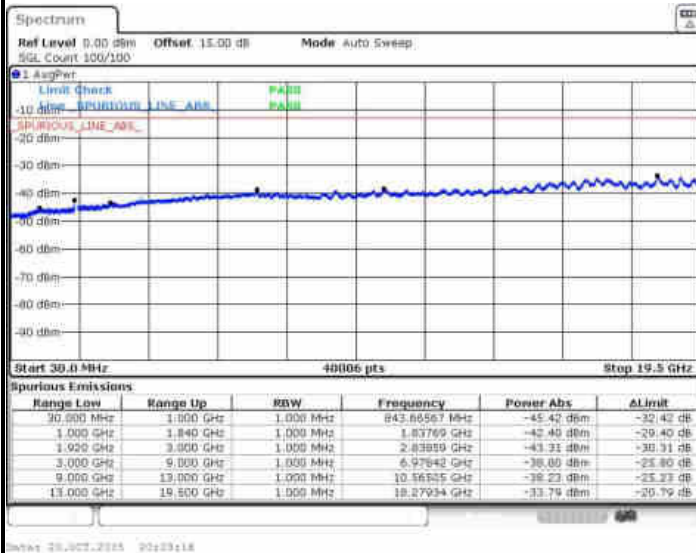


Date: 2015.10.30 20:32:08

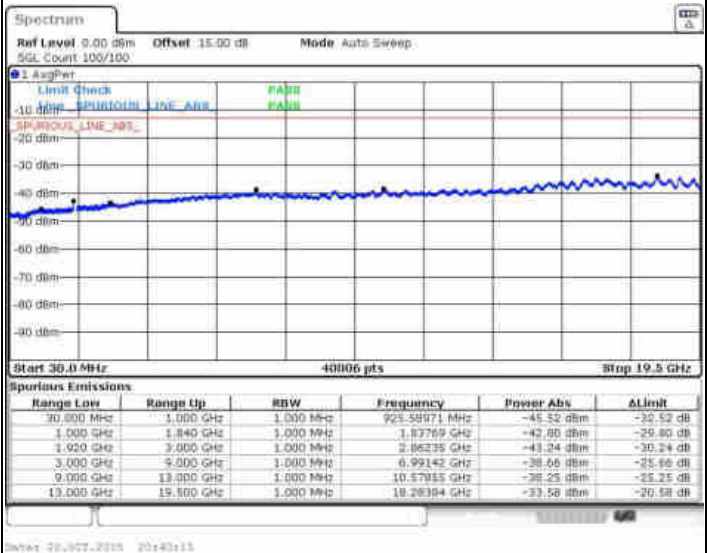


LTE Band 2 / 15MHz

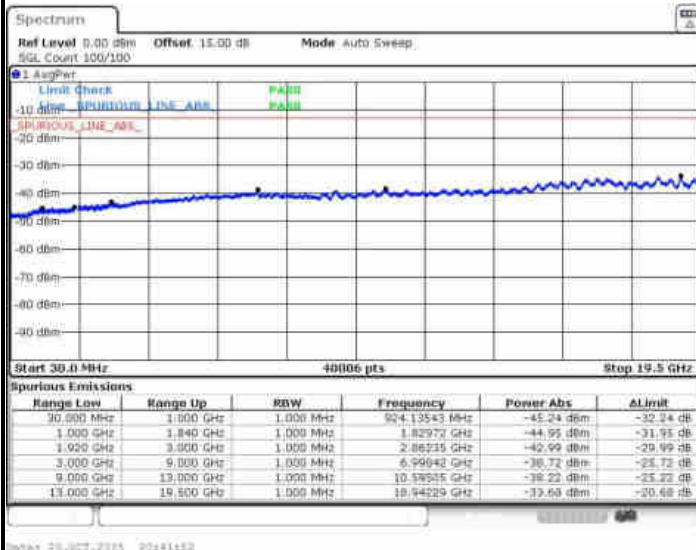
Lowest Channel / QPSK



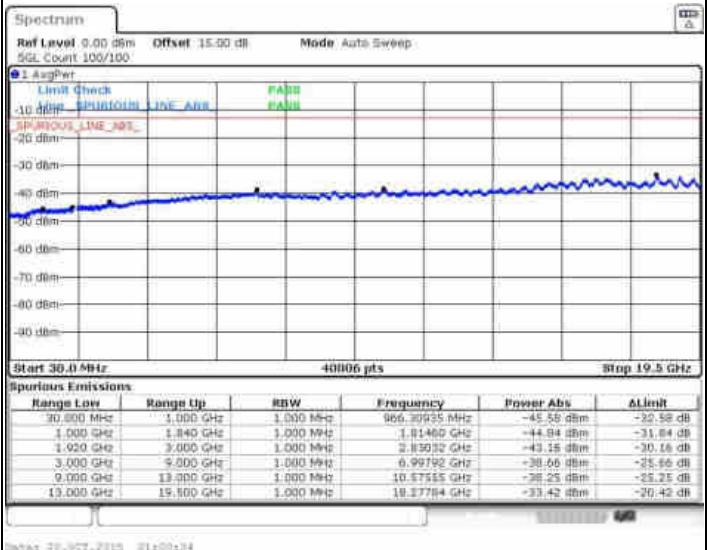
Lowest Channel / 16QAM



Middle Channel / QPSK



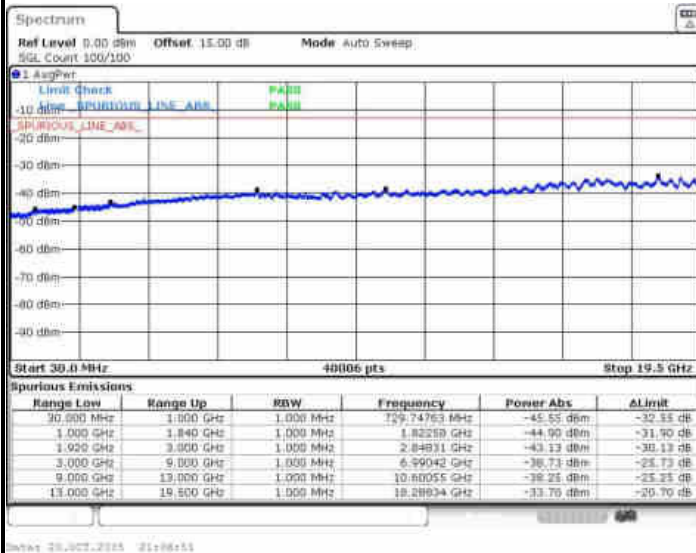
Middle Channel / 16QAM



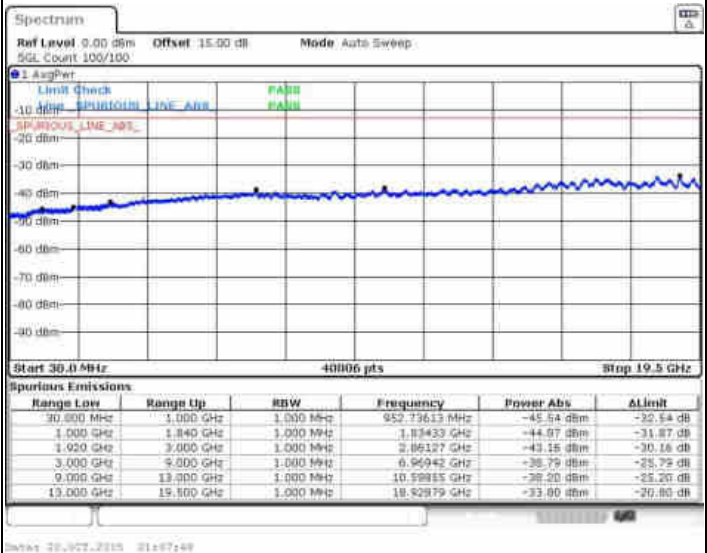


LTE Band 2 / 15MHz

Highest Channel / QPSK

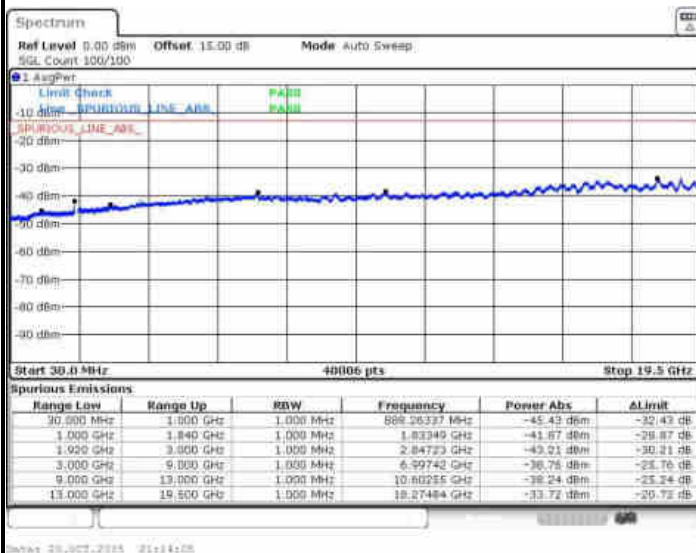


Highest Channel / 16QAM

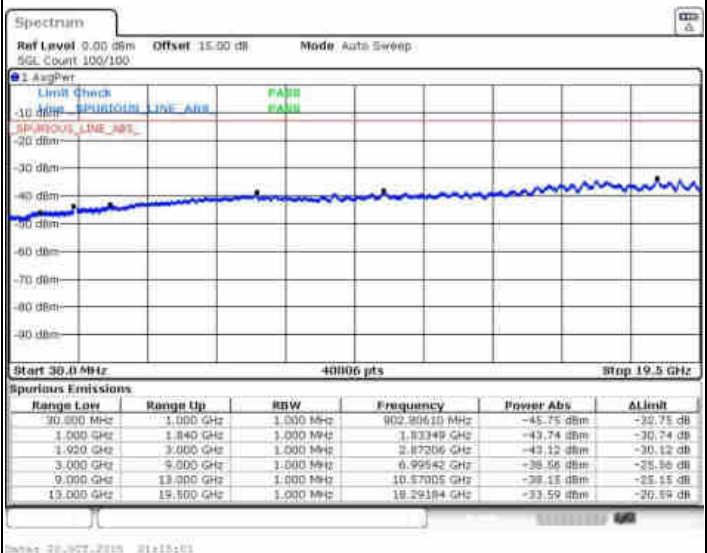


LTE Band 2 / 20MHz

Lowest Channel / QPSK



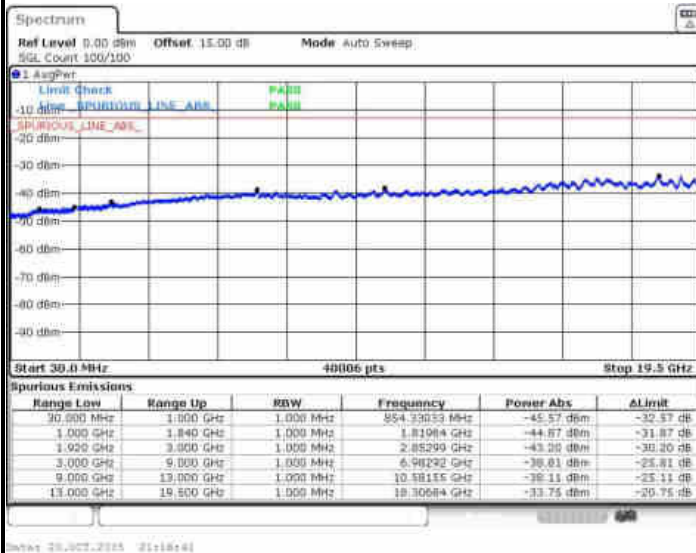
Lowest Channel / 16QAM



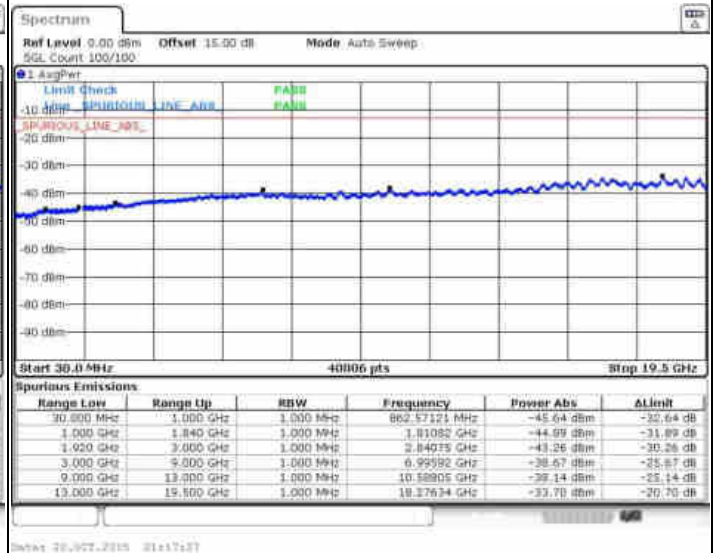


LTE Band 2 / 20MHz

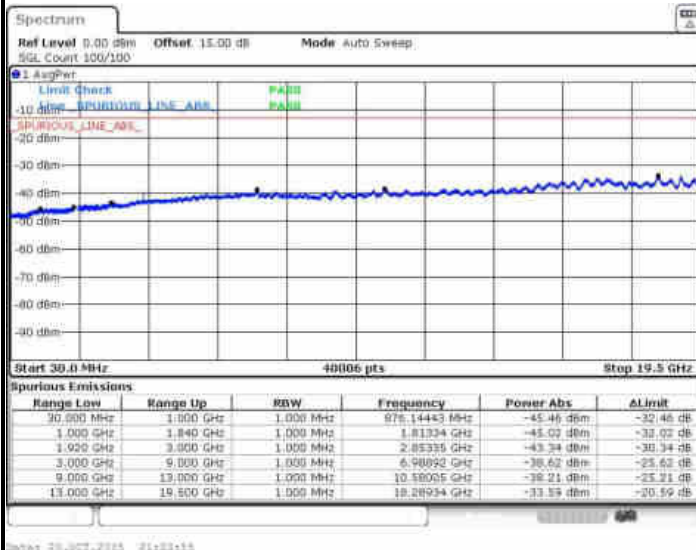
Middle Channel / QPSK



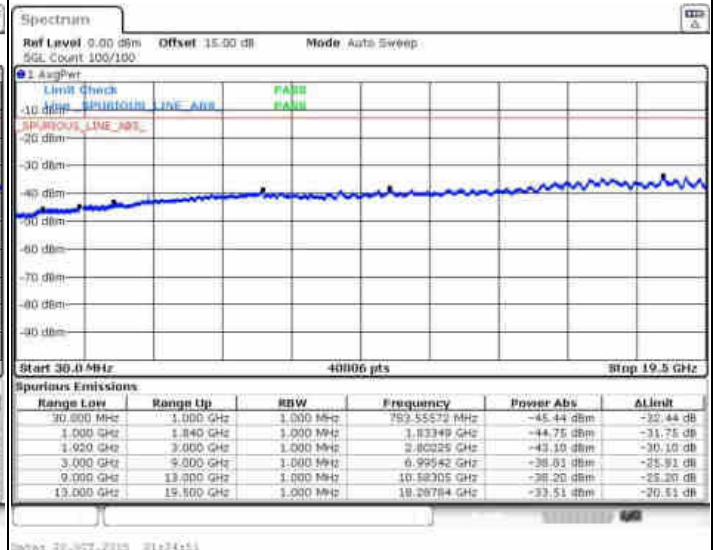
Middle Channel / 16QAM



Highest Channel / QPSK



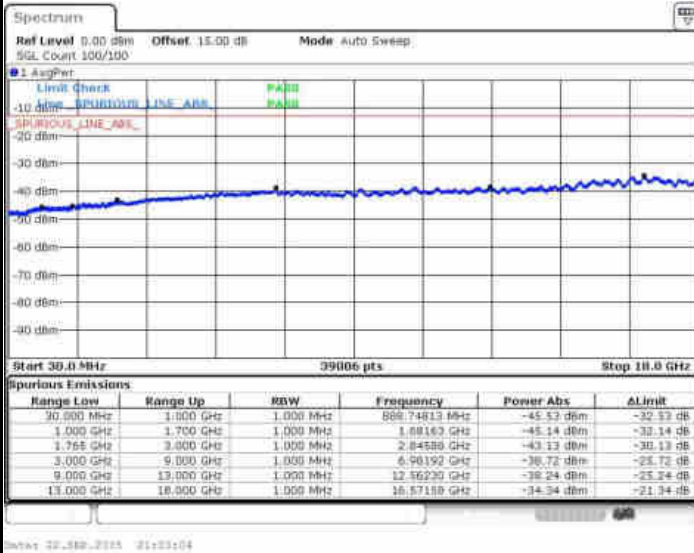
Highest Channel / 16QAM



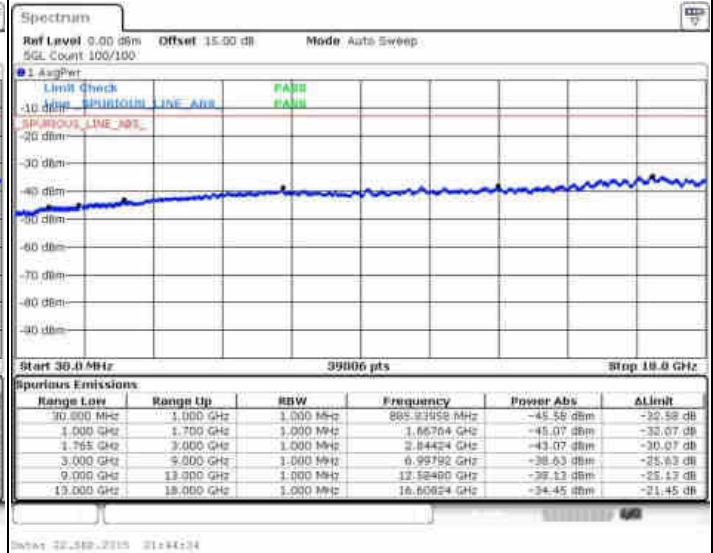


LTE Band 4 / 1.4MHz

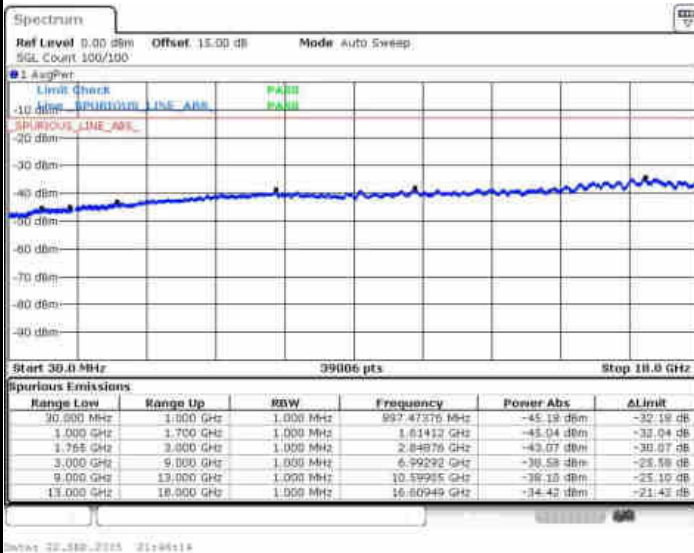
Lowest Channel / QPSK



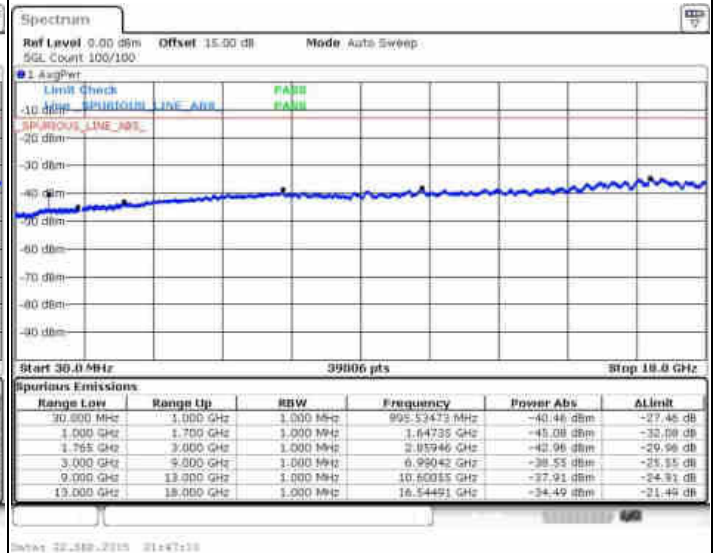
Lowest Channel / 16QAM



Middle Channel / QPSK



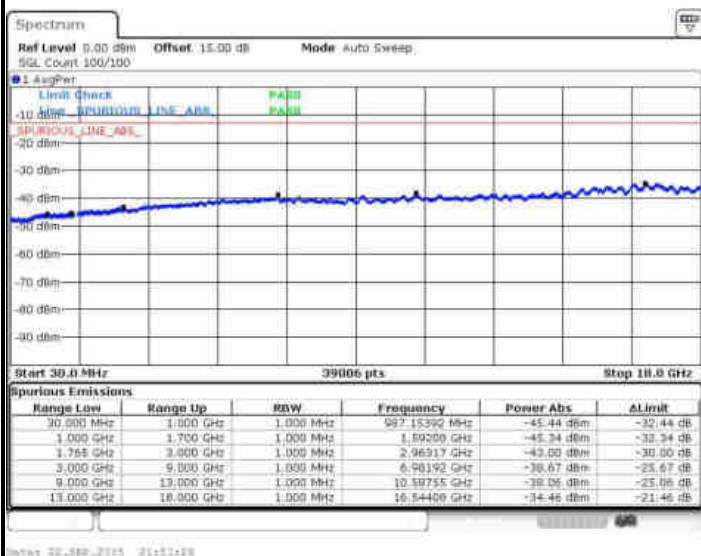
Middle Channel / 16QAM



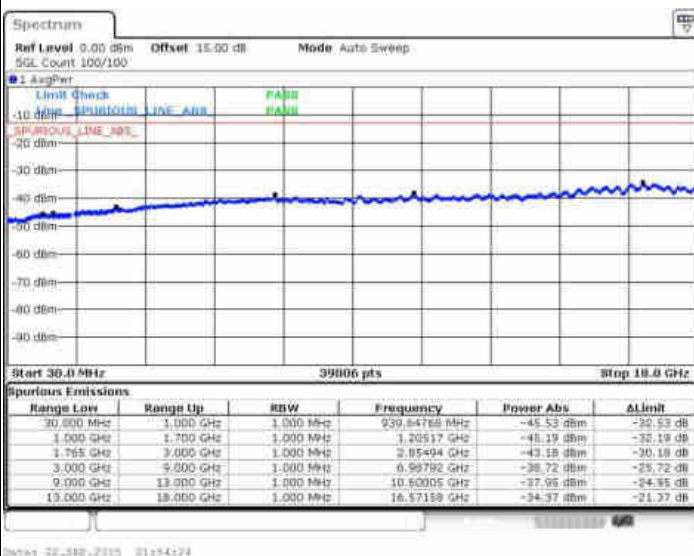


LTE Band 4 / 1.4MHz

Highest Channel / QPSK

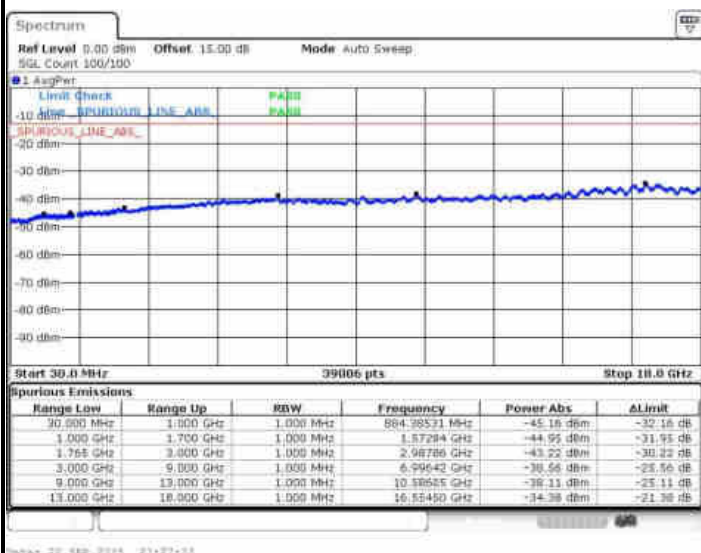


Highest Channel / 16QAM

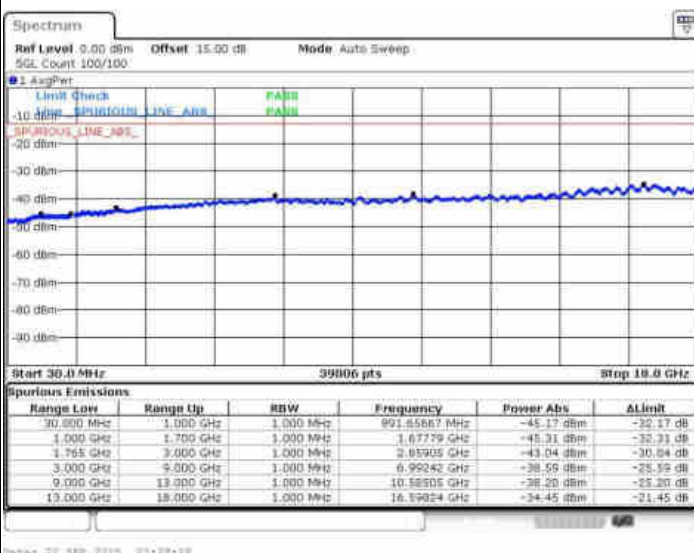


LTE Band 4 / 3MHz

Lowest Channel / QPSK



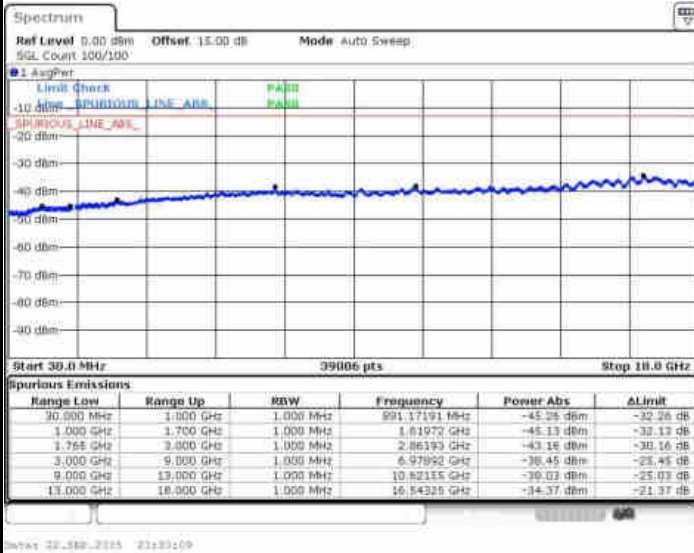
Lowest Channel / 16QAM



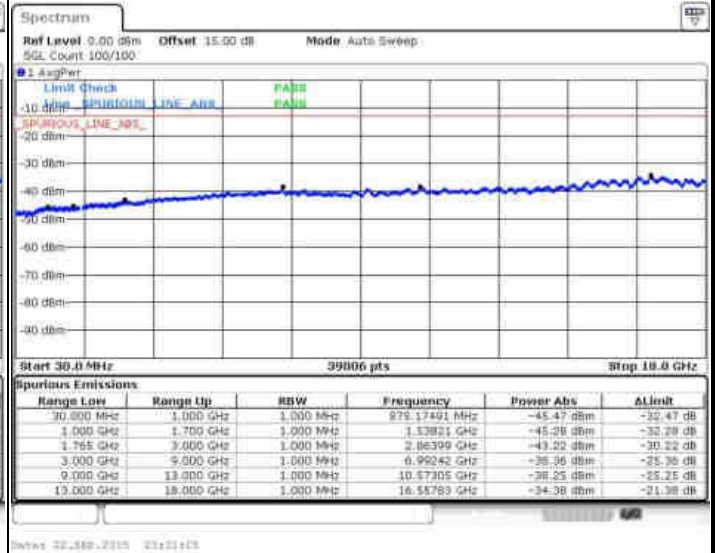


LTE Band 4 / 3MHz

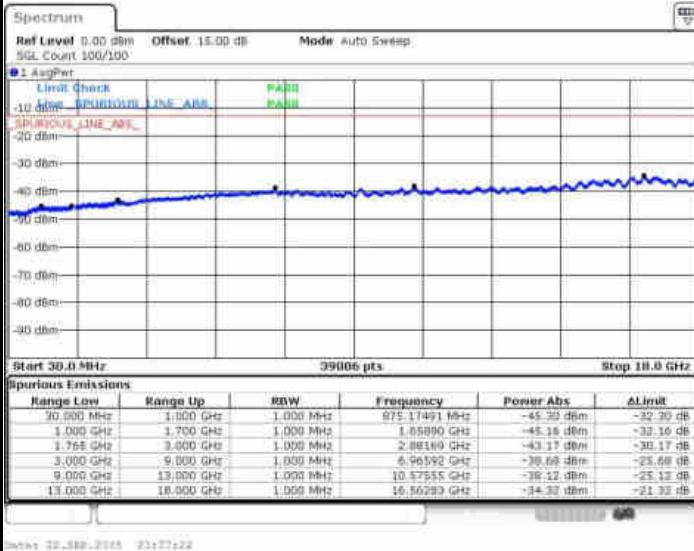
Middle Channel / QPSK



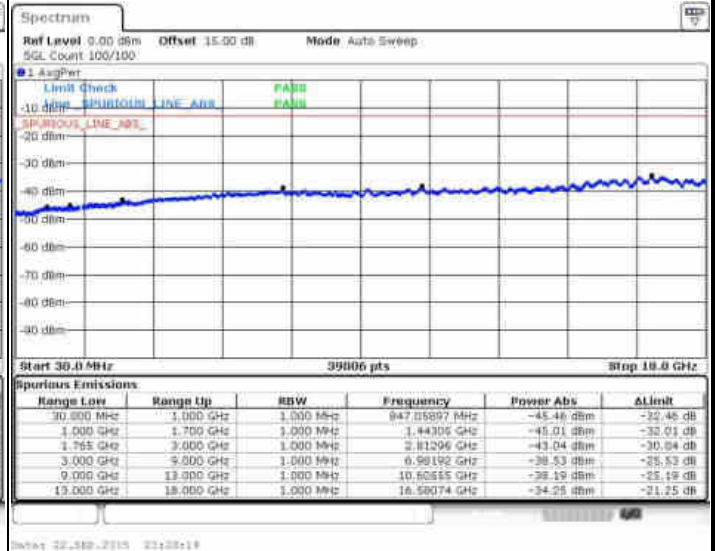
Middle Channel / 16QAM



Highest Channel / QPSK



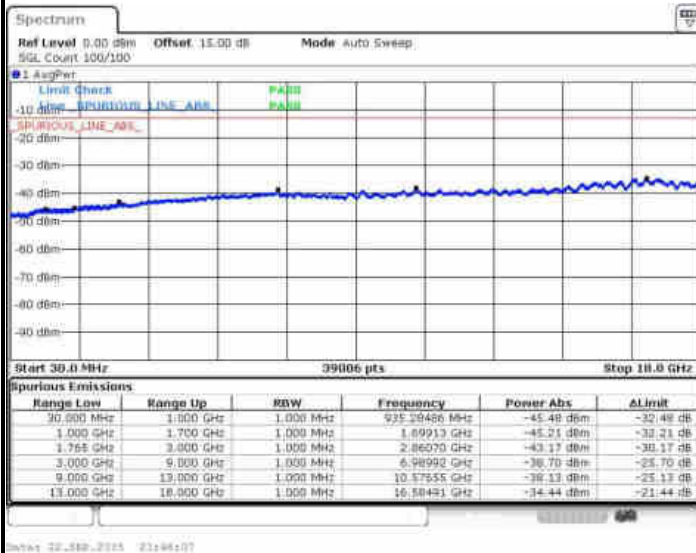
Highest Channel / 16QAM



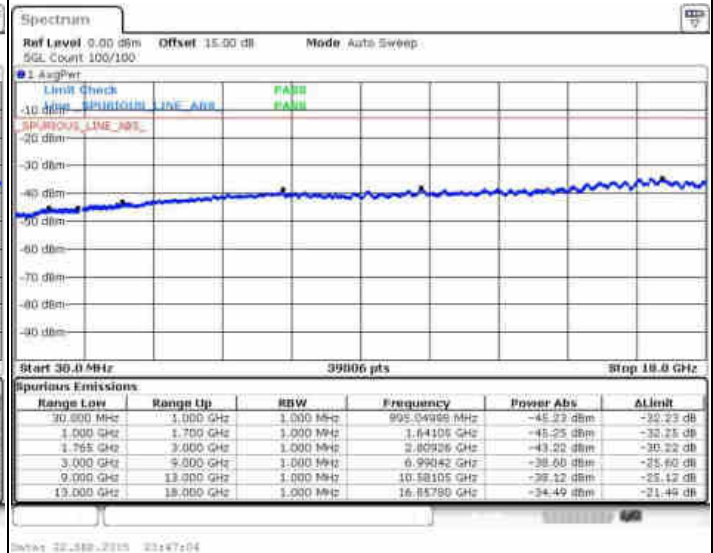


LTE Band 4 / 5MHz

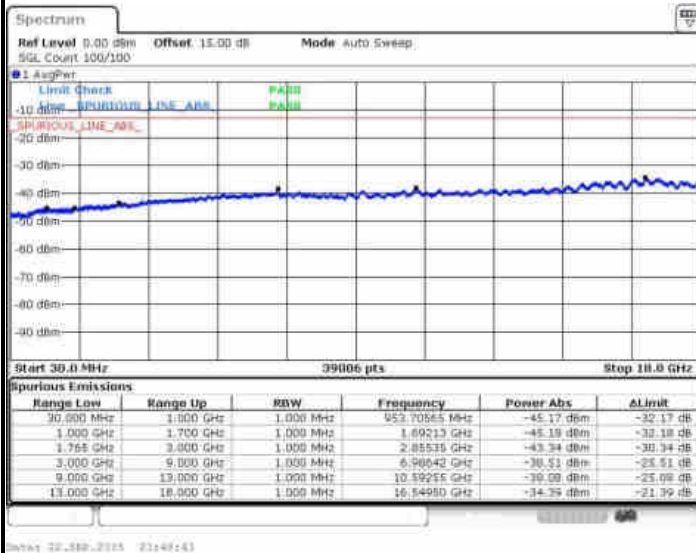
Lowest Channel / QPSK



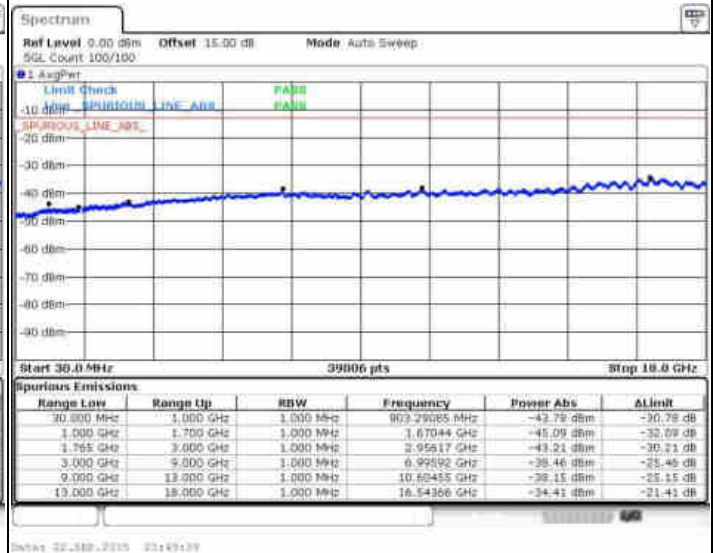
Lowest Channel / 16QAM



Middle Channel / QPSK



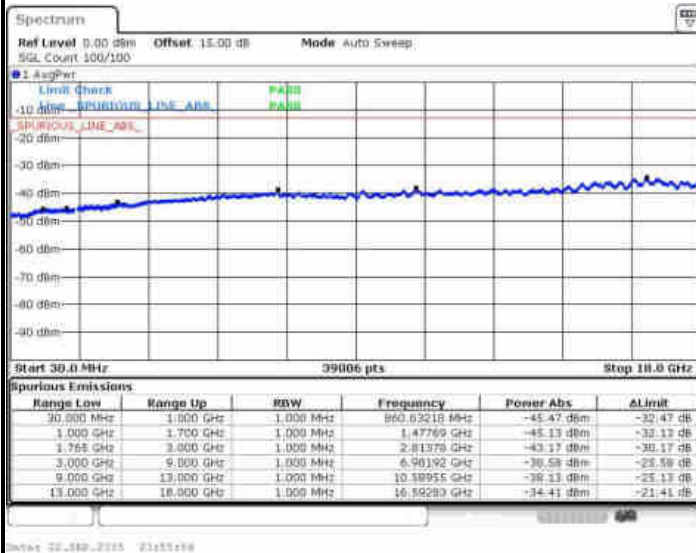
Middle Channel / 16QAM



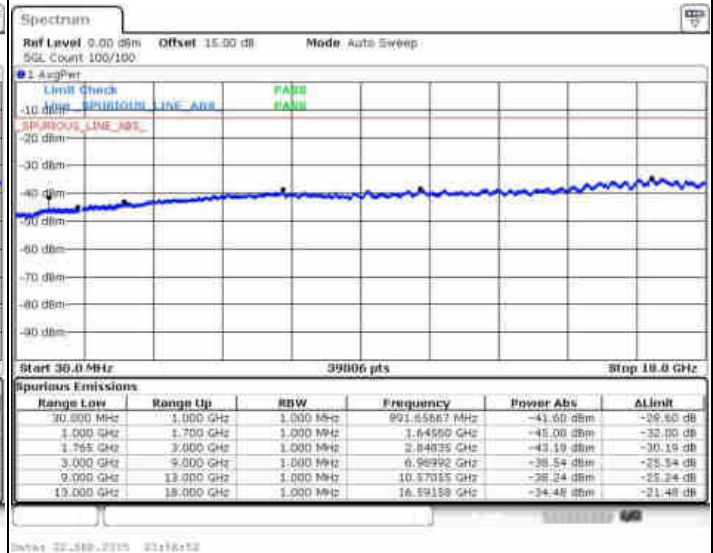


LTE Band 4 / 5MHz

Highest Channel / QPSK

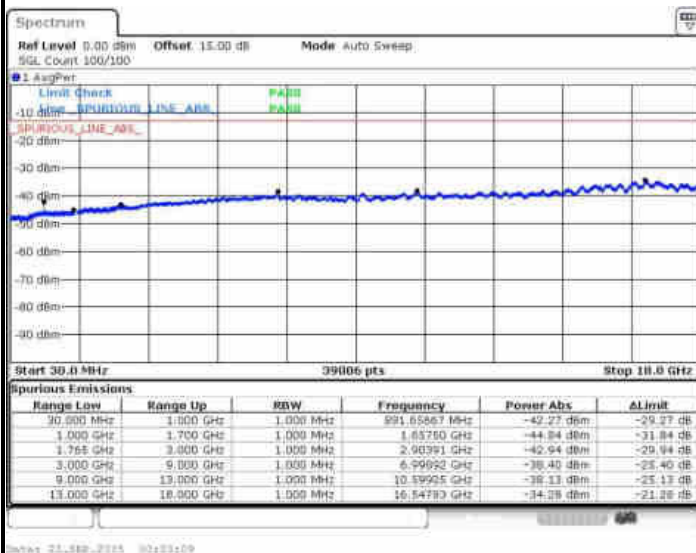


Highest Channel / 16QAM

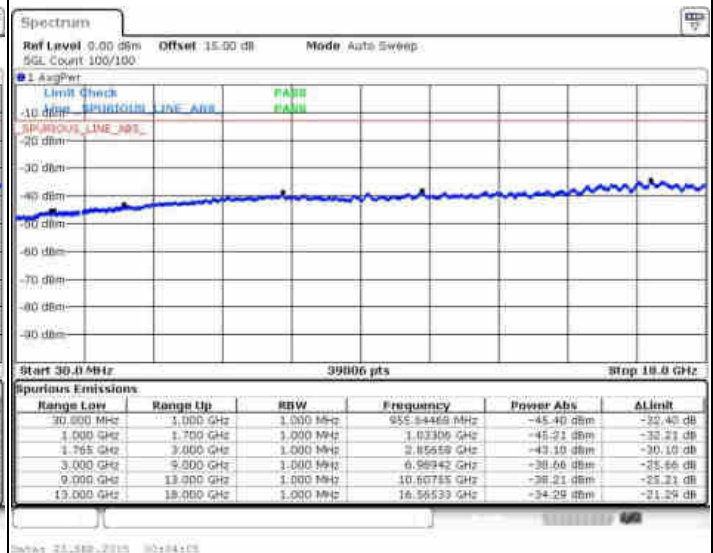


LTE Band 4 / 10MHz

Lowest Channel / QPSK



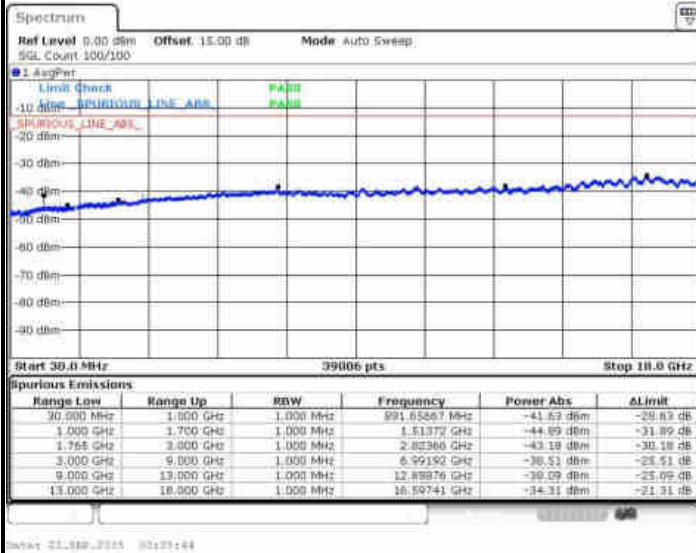
Lowest Channel / 16QAM



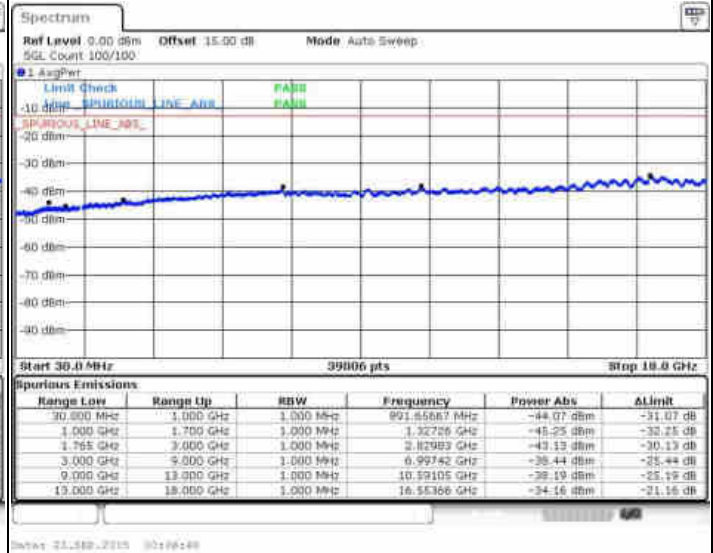


LTE Band 4 / 10MHz

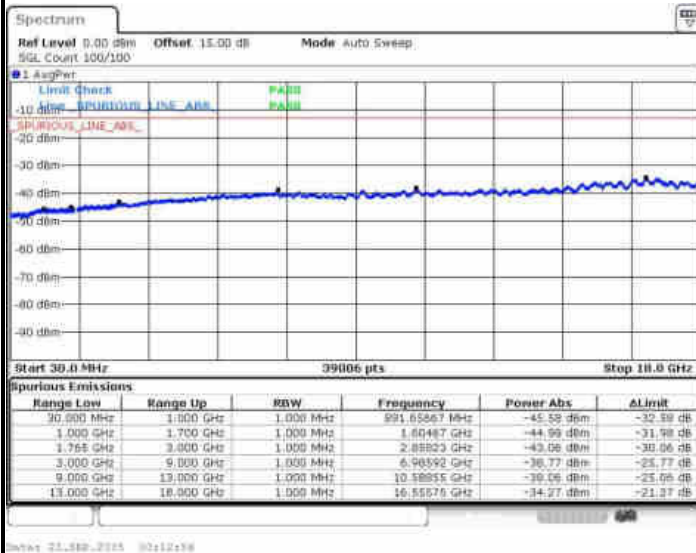
Middle Channel / QPSK



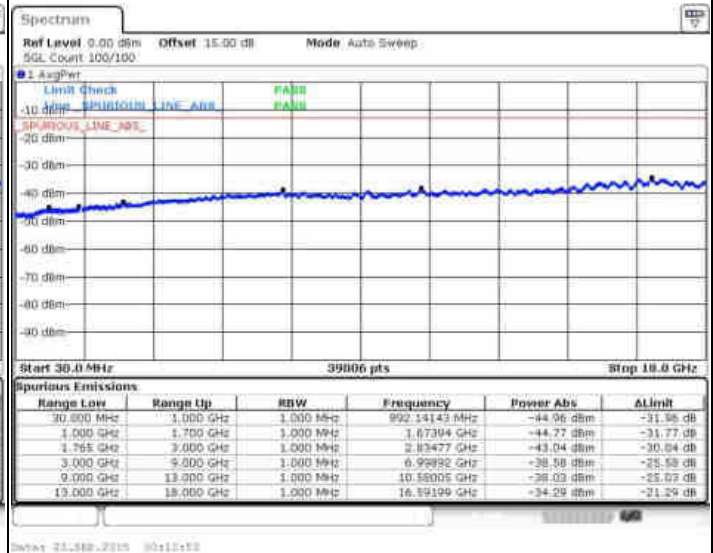
Middle Channel / 16QAM



Highest Channel / QPSK



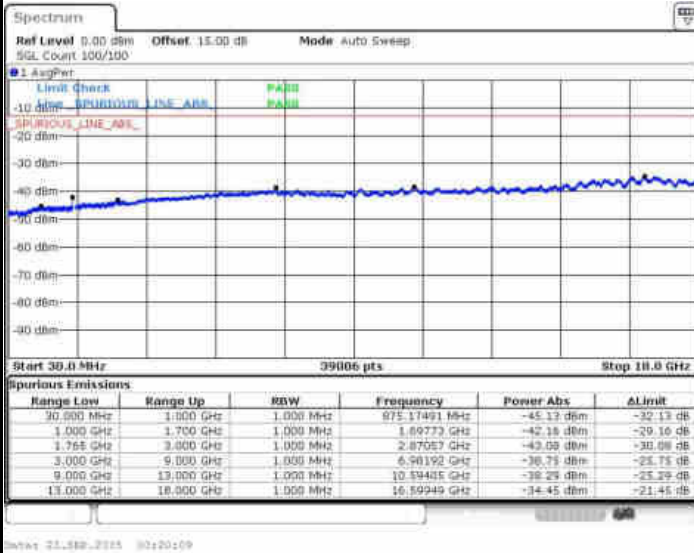
Highest Channel / 16QAM



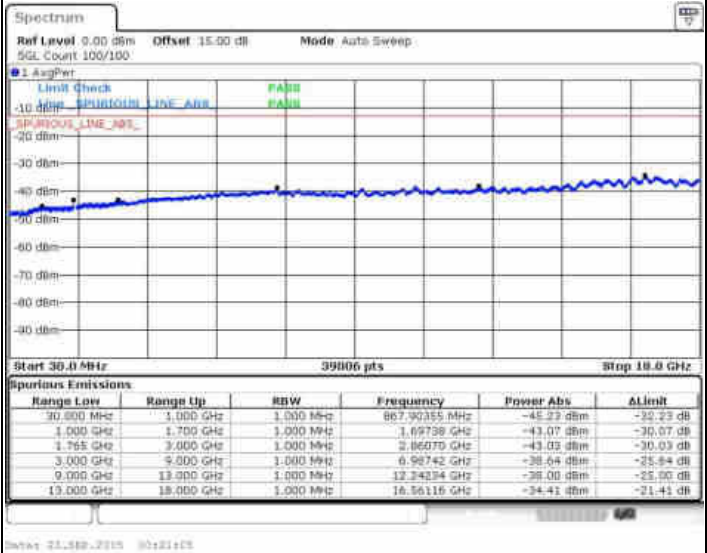


LTE Band 4 / 15MHz

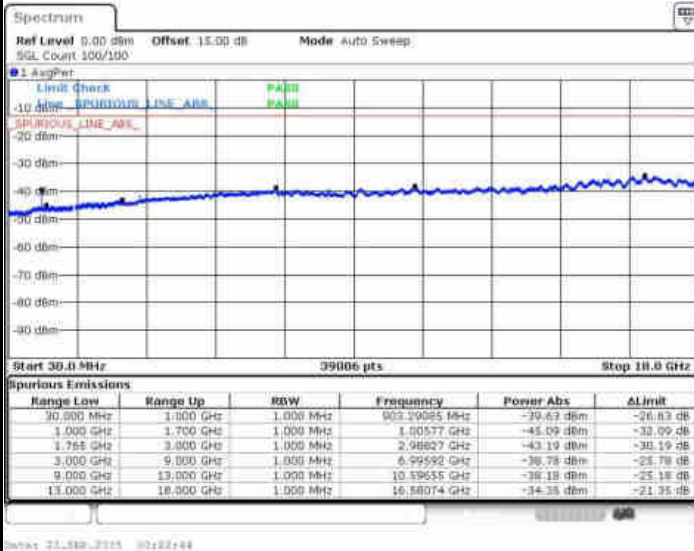
Lowest Channel / QPSK



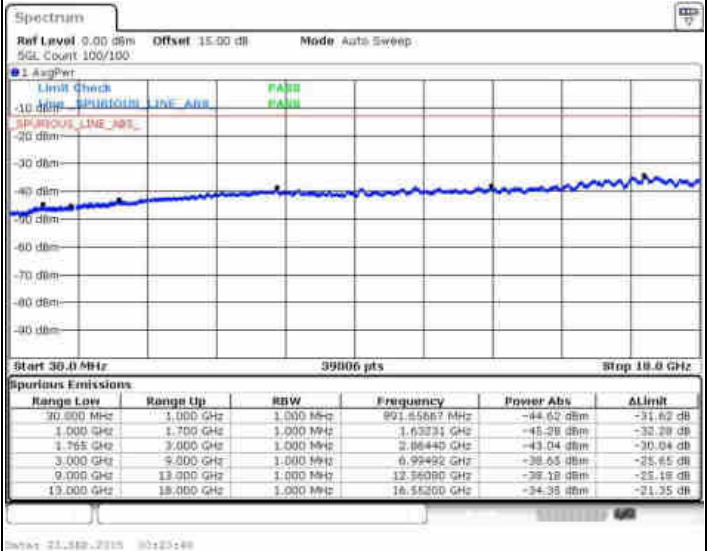
Lowest Channel / 16QAM



Middle Channel / QPSK



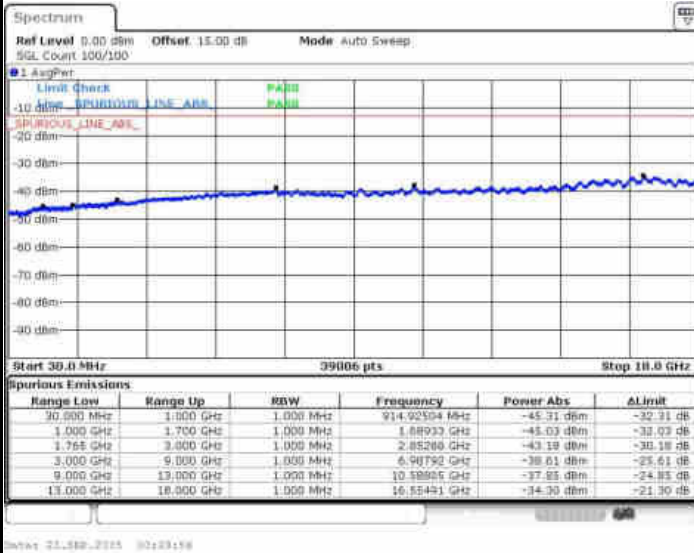
Middle Channel / 16QAM



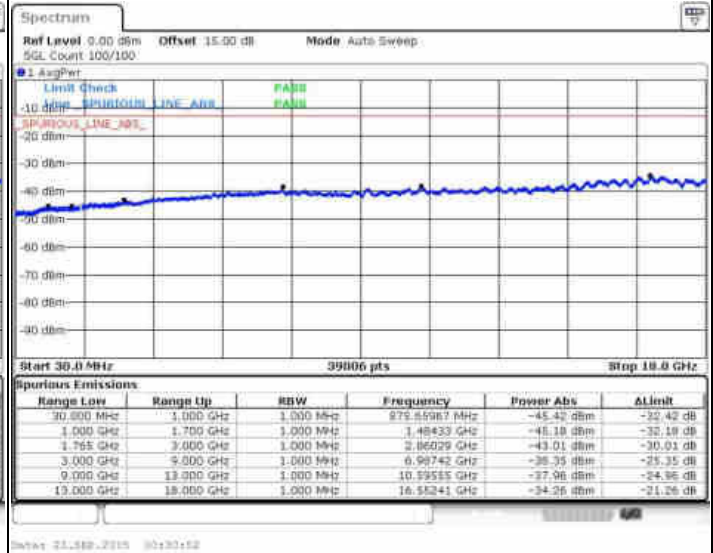


LTE Band 4 / 15MHz

Highest Channel / QPSK

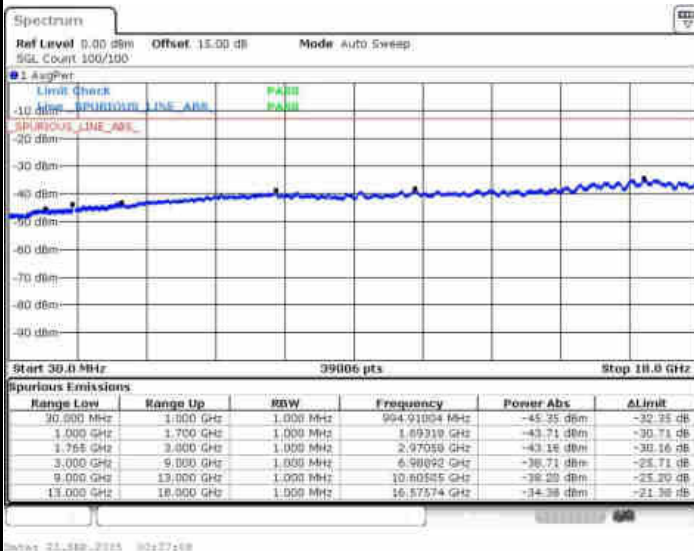


Highest Channel / 16QAM

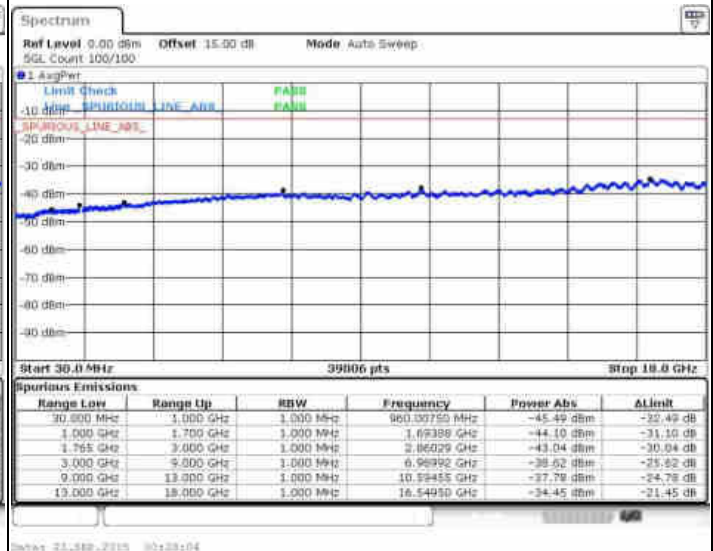


LTE Band 4 / 20MHz

Lowest Channel / QPSK



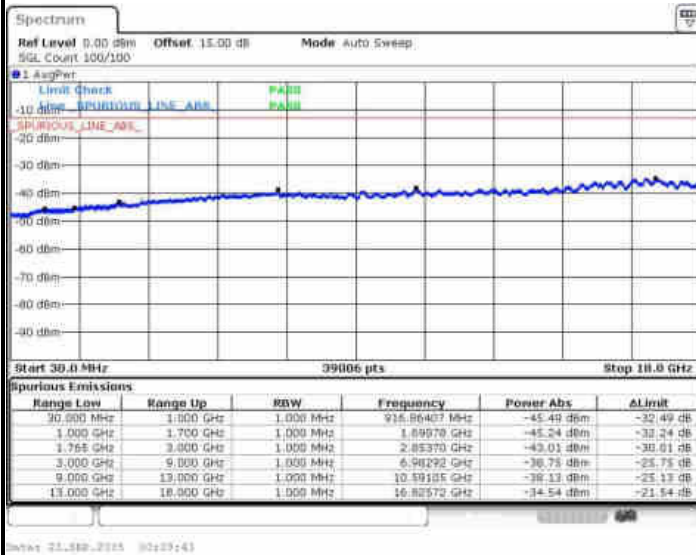
Lowest Channel / 16QAM



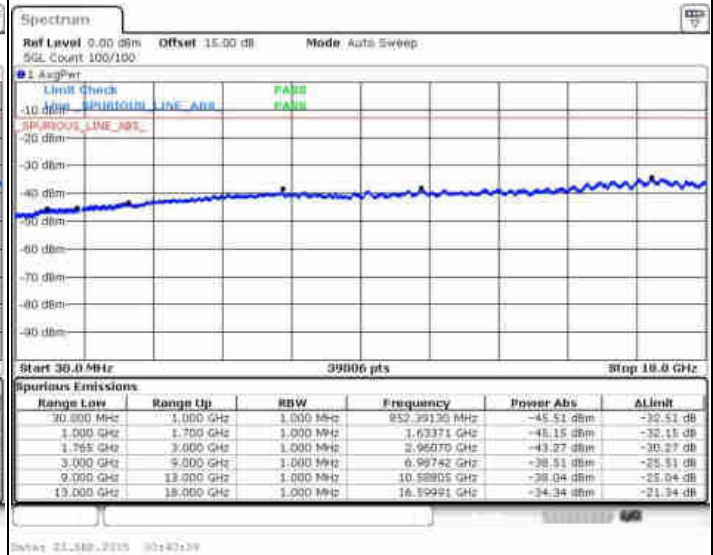


LTE Band 4 / 20MHz

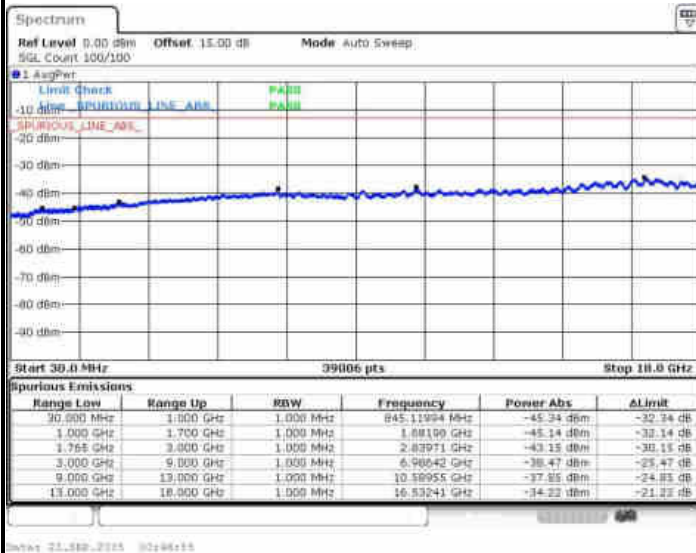
Middle Channel / QPSK



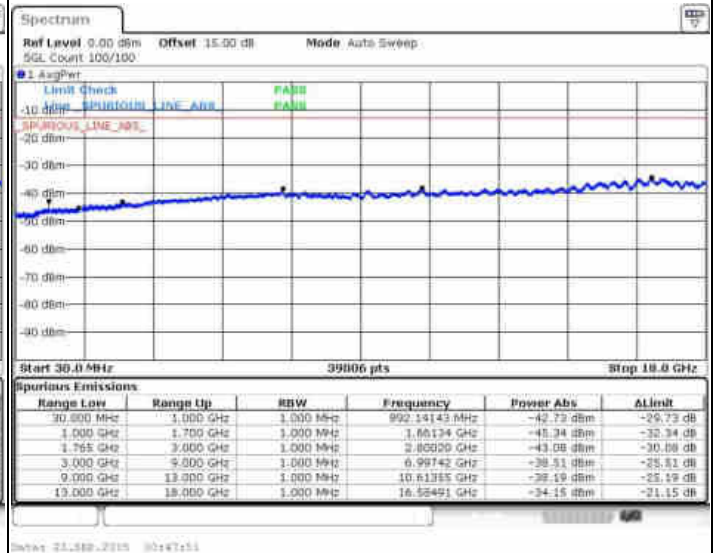
Middle Channel / 16QAM



Highest Channel / QPSK



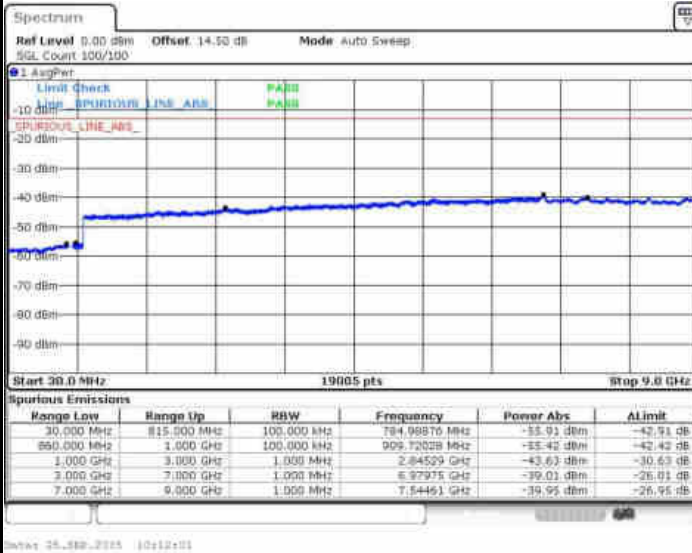
Highest Channel / 16QAM



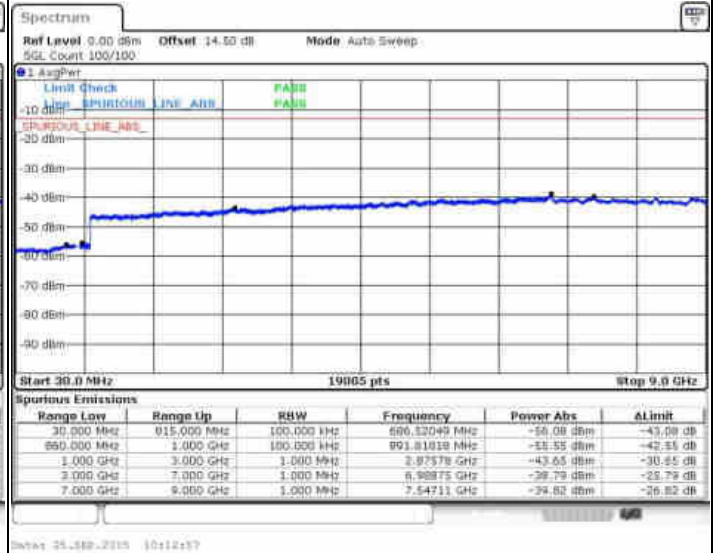


LTE Band 5 / 1.4MHz

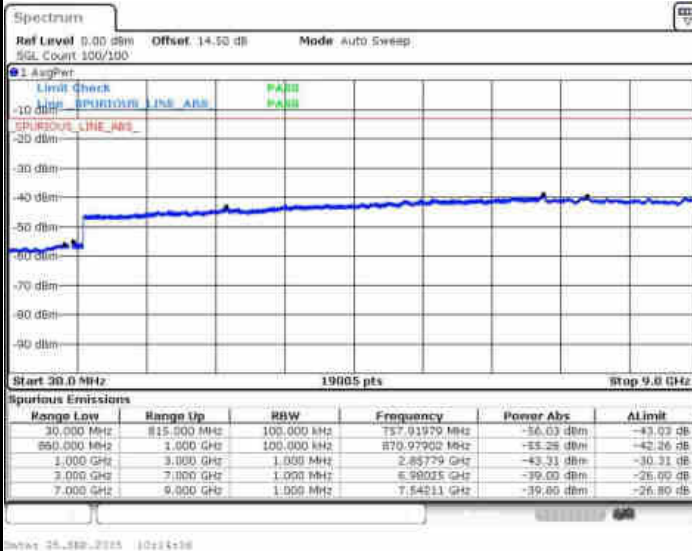
Lowest Channel / QPSK



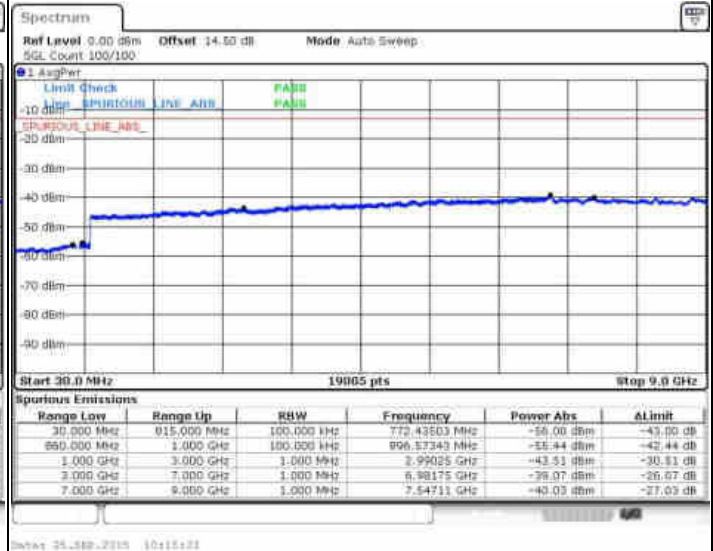
Lowest Channel / 16QAM



Middle Channel / QPSK



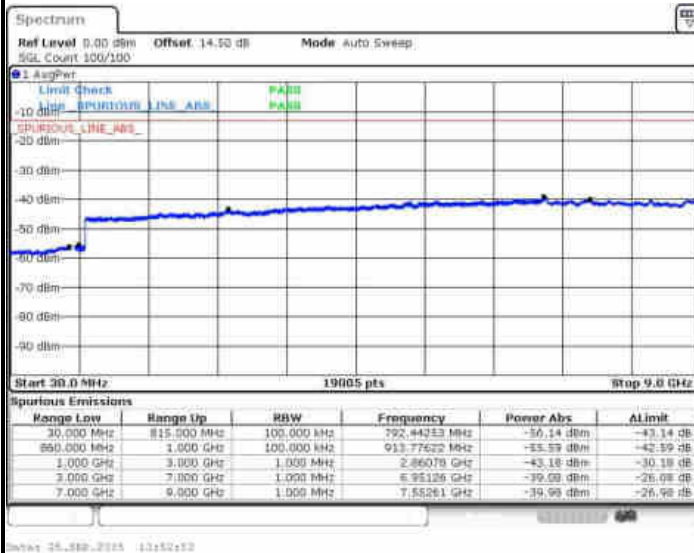
Middle Channel / 16QAM



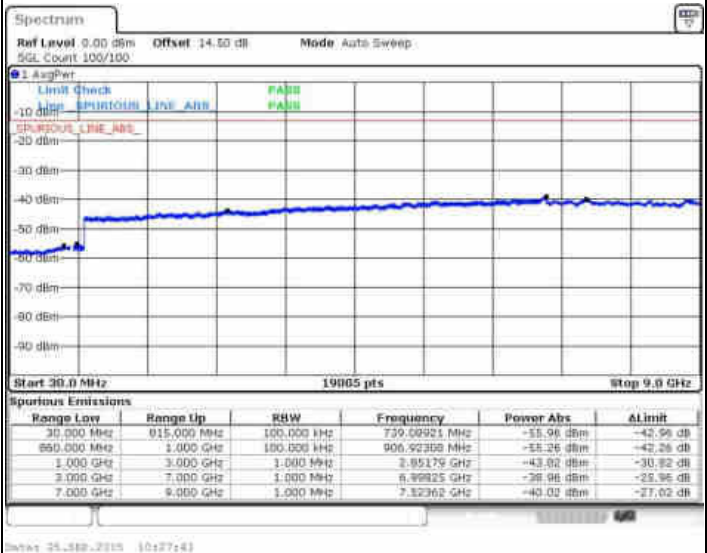


LTE Band 5 / 1.4MHz

Highest Channel / QPSK

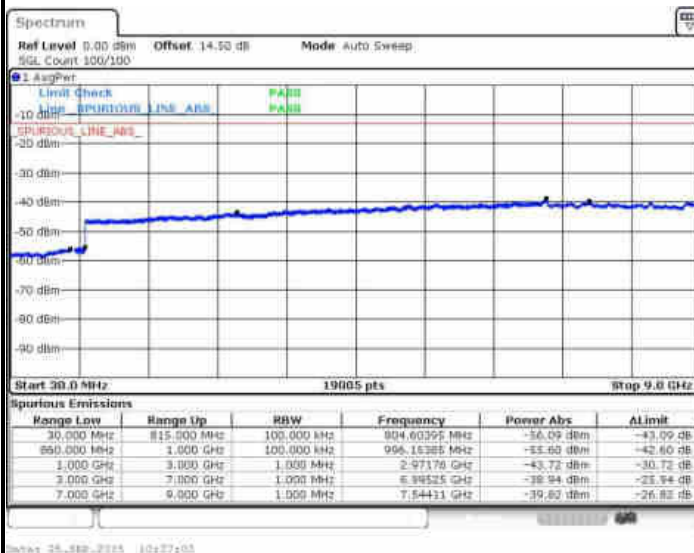


Highest Channel / 16QAM

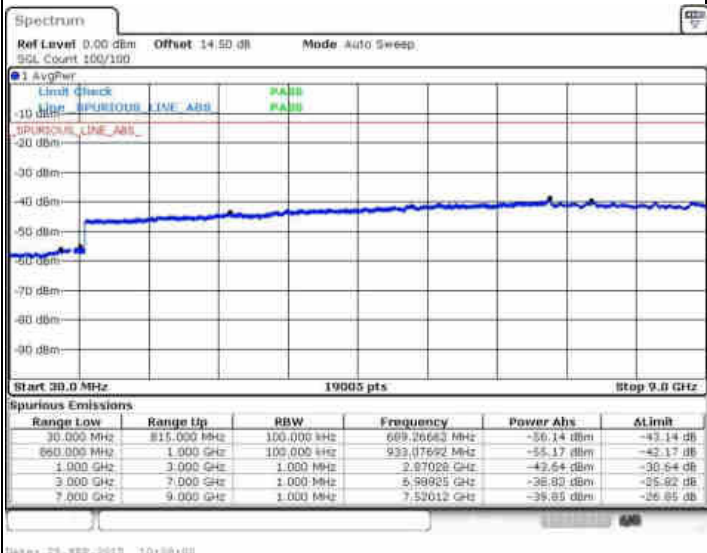


LTE Band 5 / 3MHz

Lowest Channel / QPSK



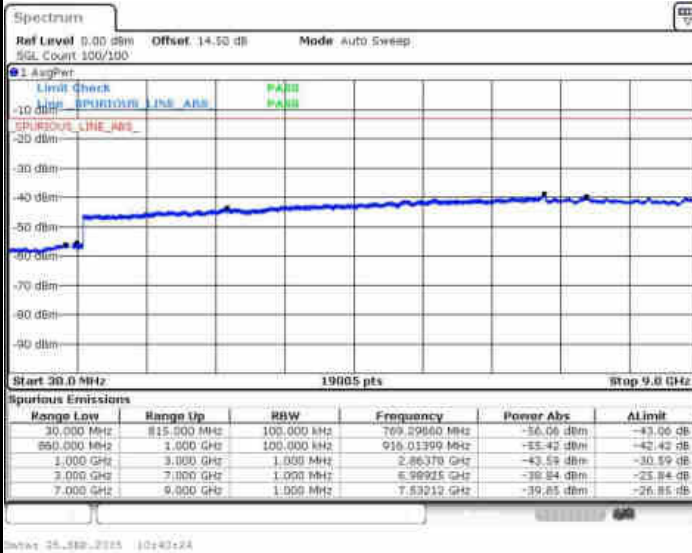
Lowest Channel / 16QAM



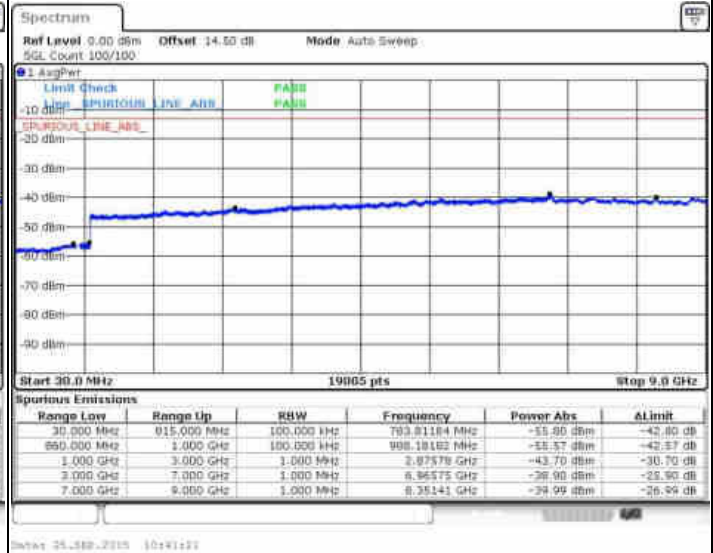


LTE Band 5 / 3MHz

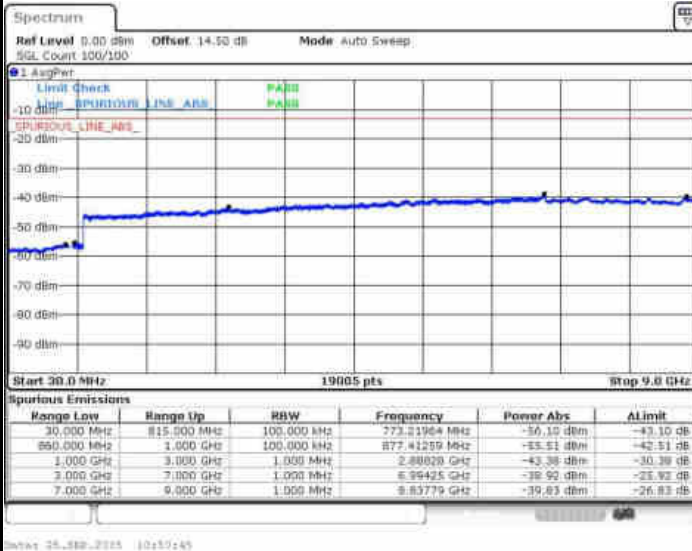
Middle Channel / QPSK



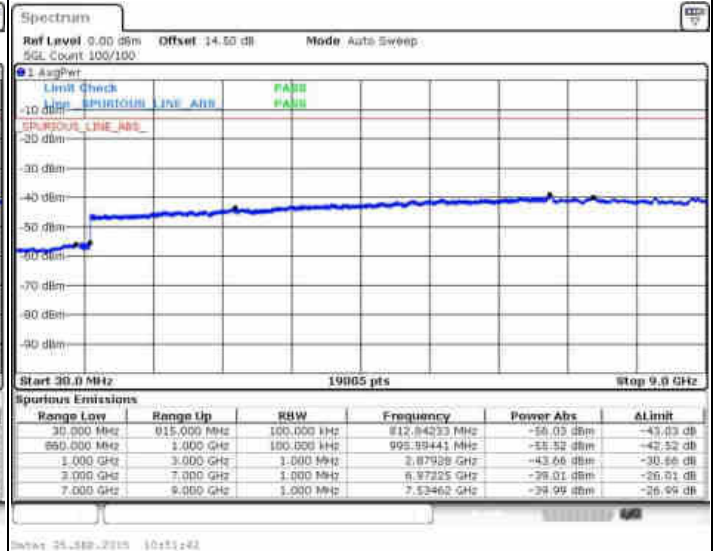
Middle Channel / 16QAM



Highest Channel / QPSK



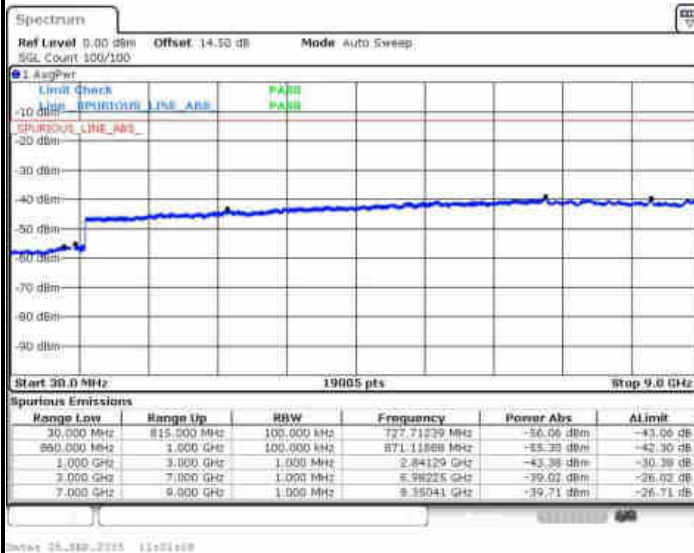
Highest Channel / 16QAM



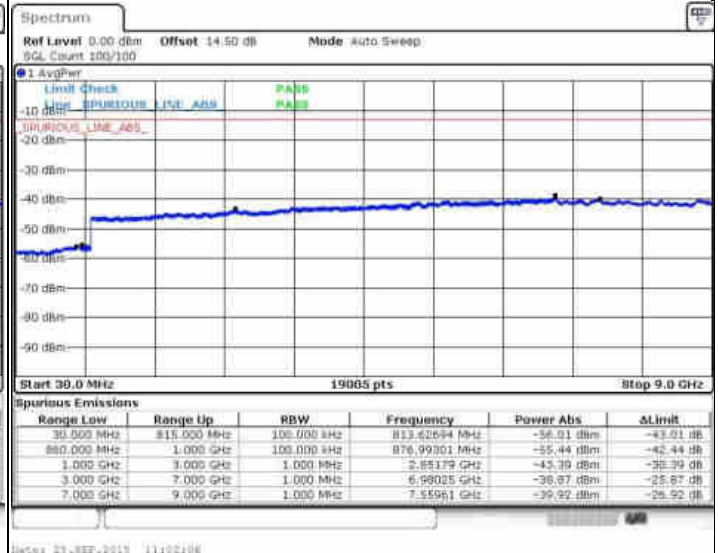


LTE Band 5 / 5MHz

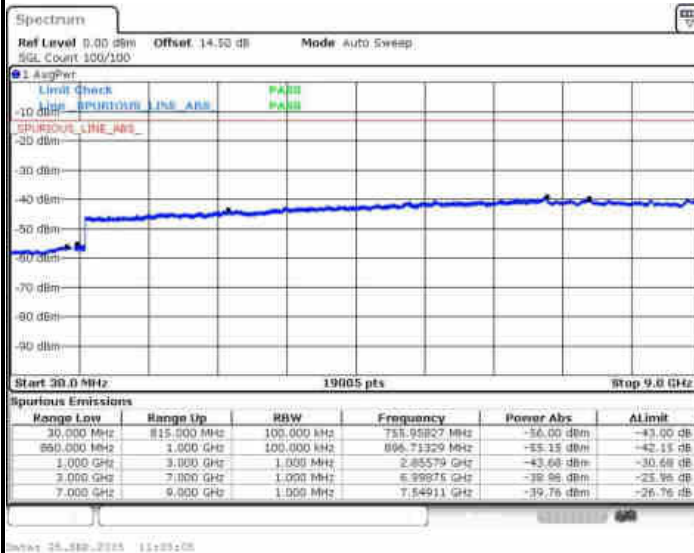
Lowest Channel / QPSK



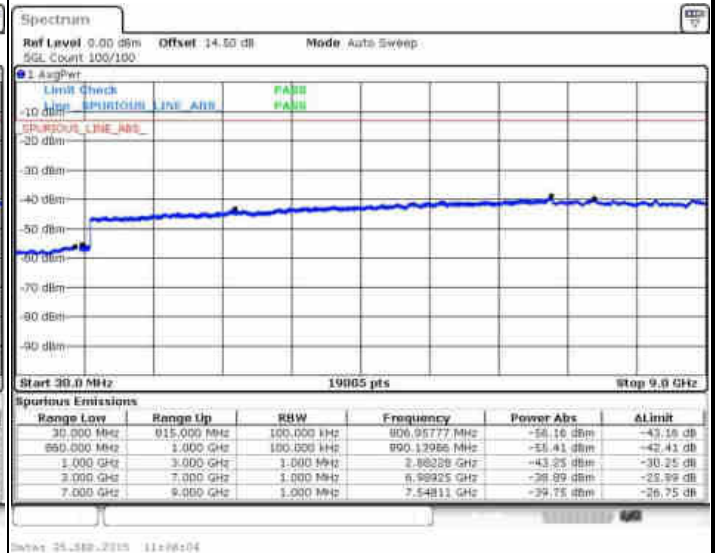
Lowest Channel / 16QAM



Middle Channel / QPSK



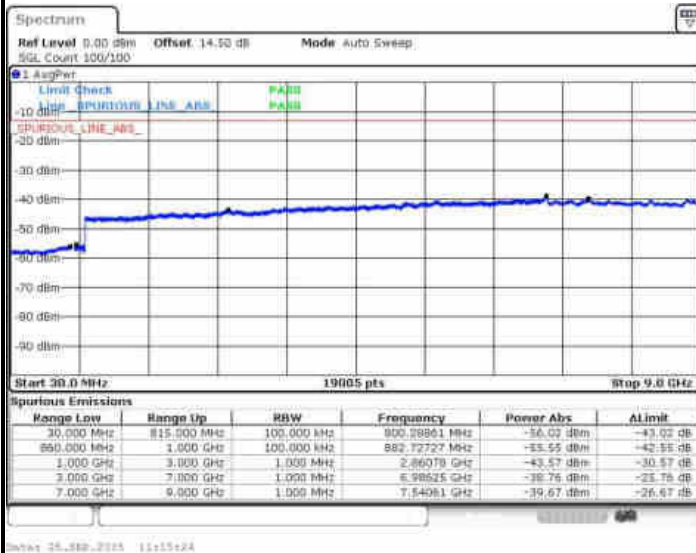
Middle Channel / 16QAM



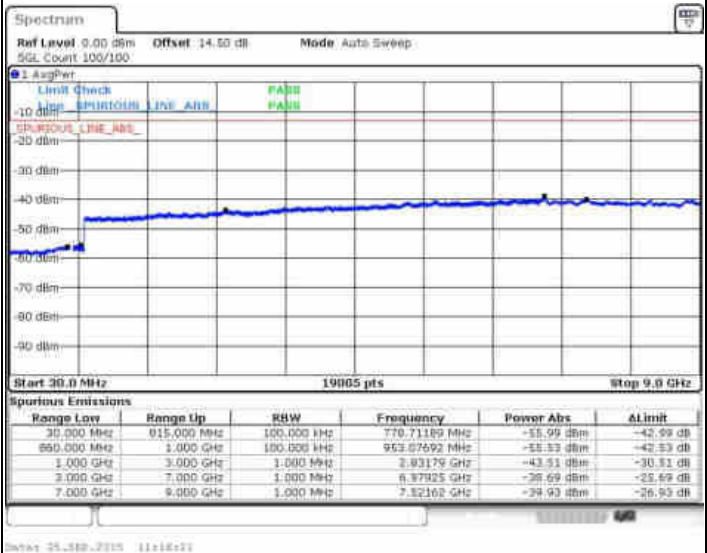


LTE Band 5 / 5MHz

Highest Channel / QPSK

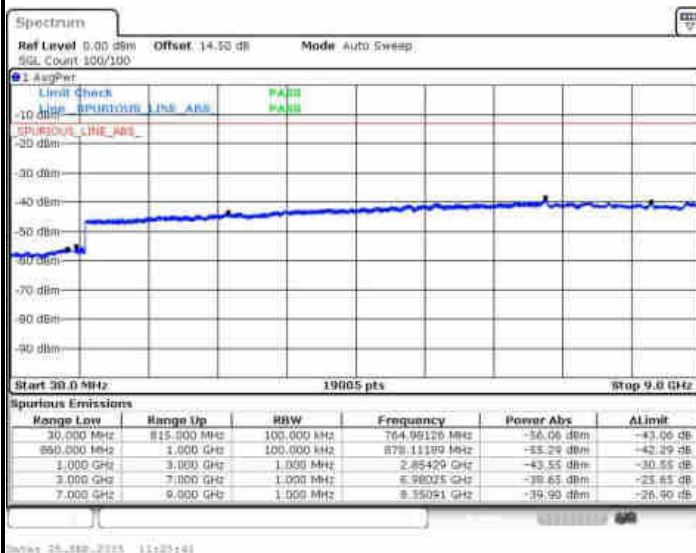


Highest Channel / 16QAM

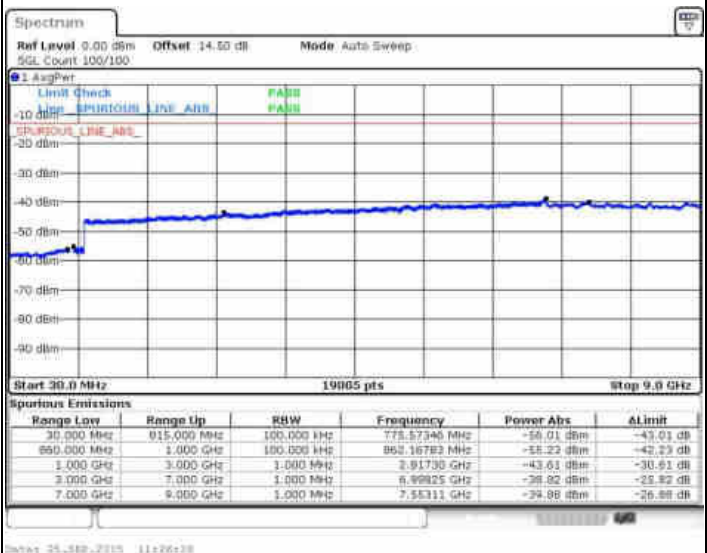


LTE Band 5 / 10MHz

Lowest Channel / QPSK



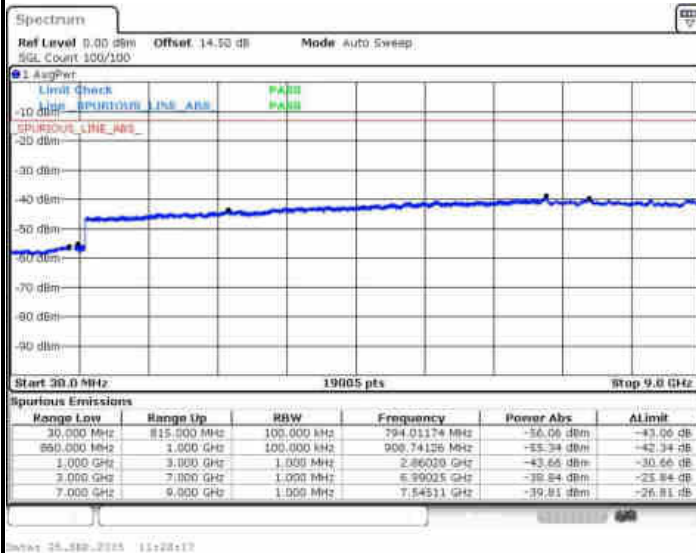
Lowest Channel / 16QAM



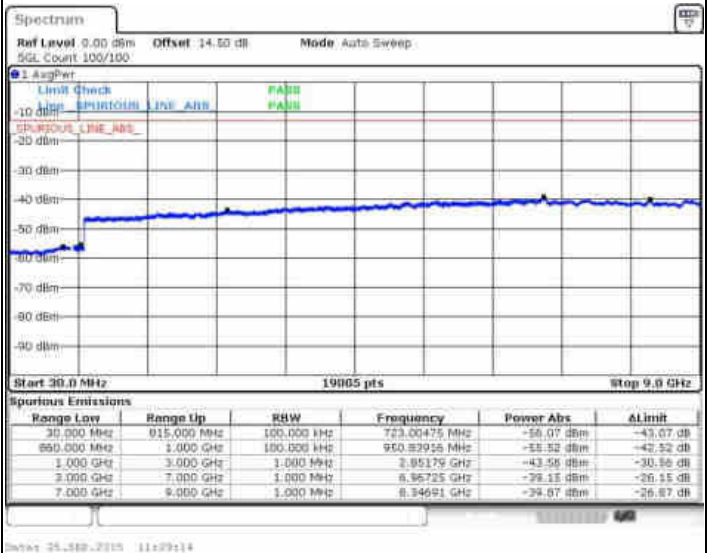


LTE Band 5 / 10MHz

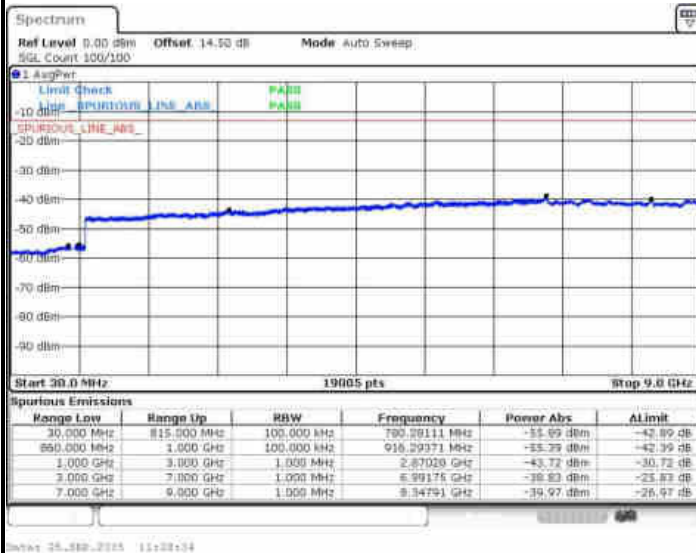
Middle Channel / QPSK



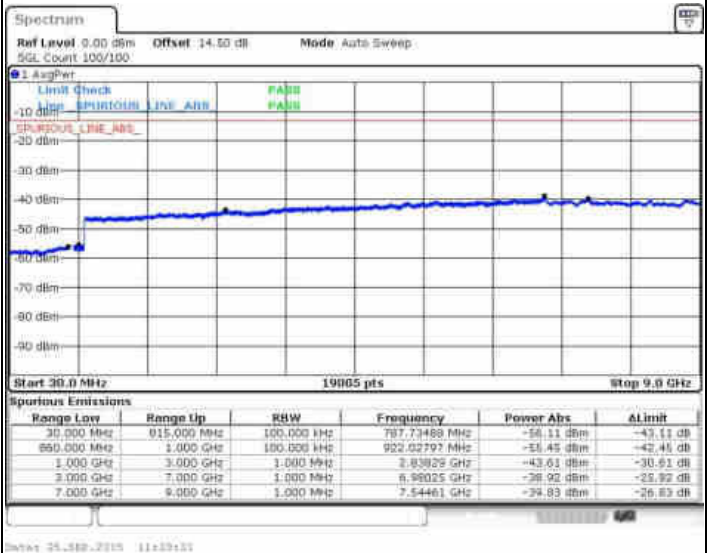
Middle Channel / 16QAM



Highest Channel / QPSK



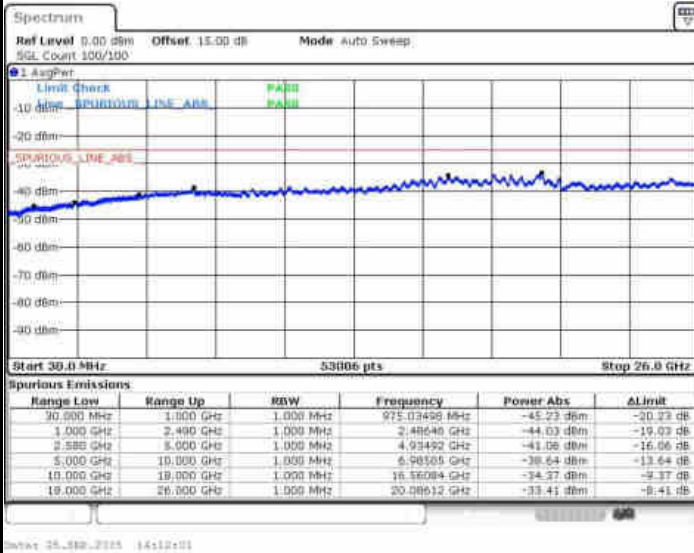
Highest Channel / 16QAM



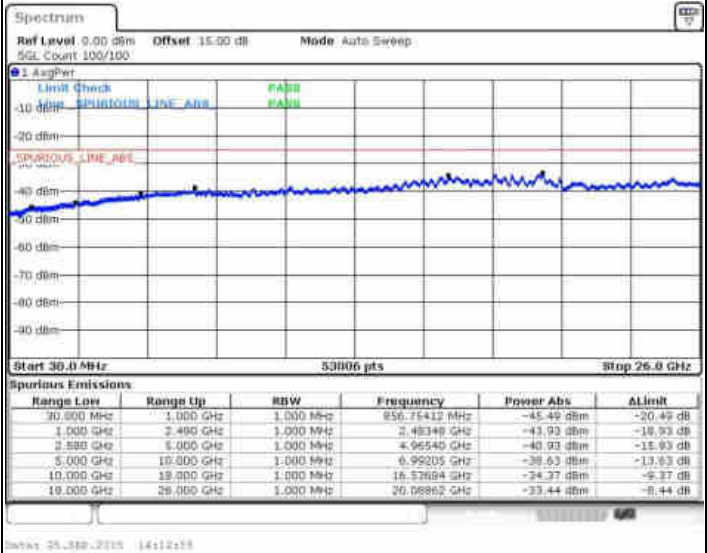


LTE Band 7 / 5MHz

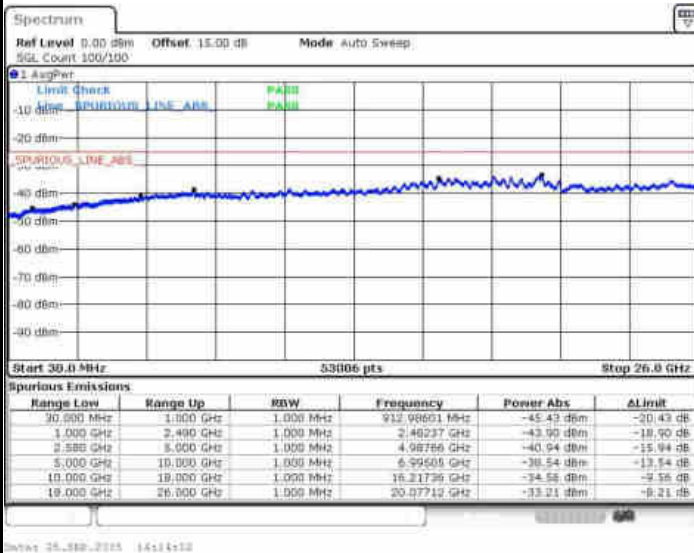
Lowest Channel / QPSK



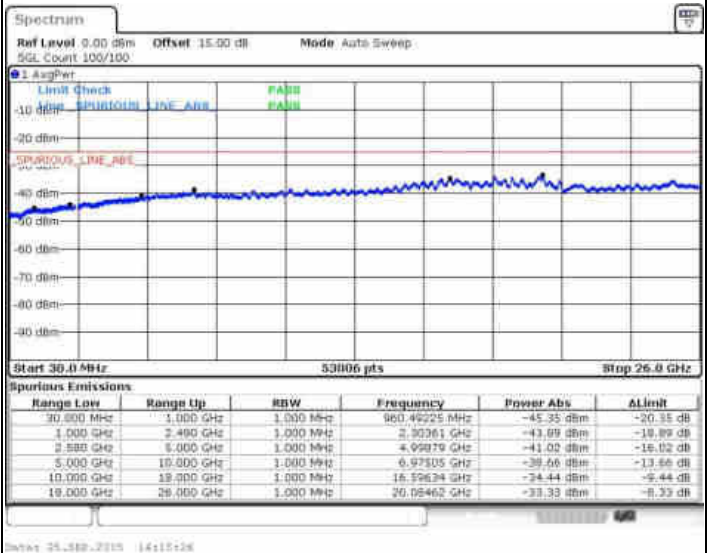
Lowest Channel / 16QAM



Middle Channel / QPSK



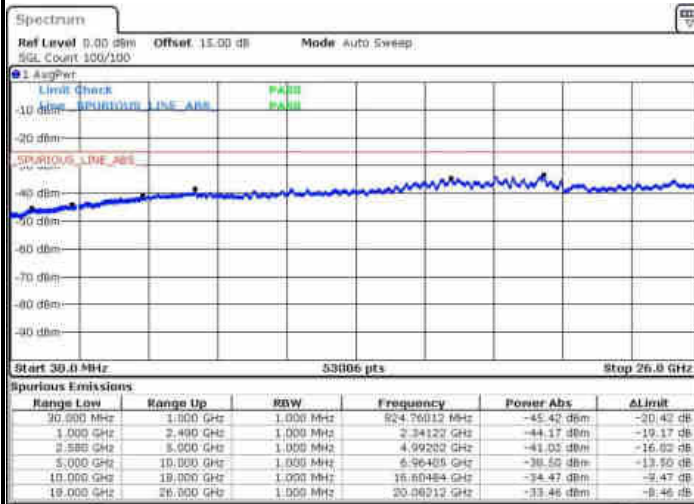
Middle Channel / 16QAM





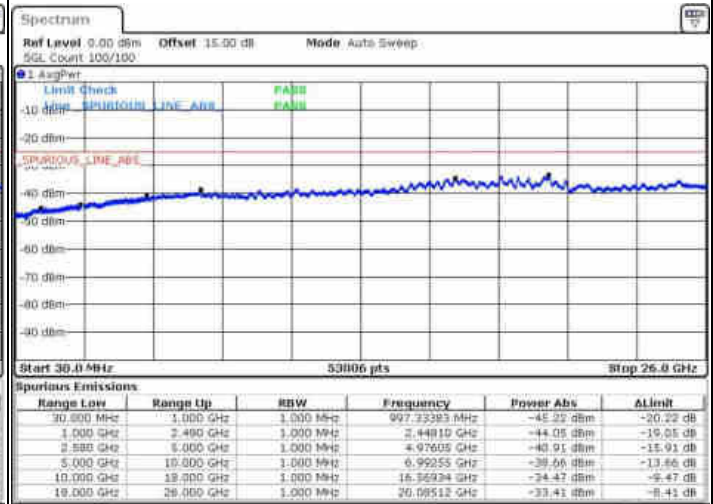
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 25-Sep-2015 14:21:45

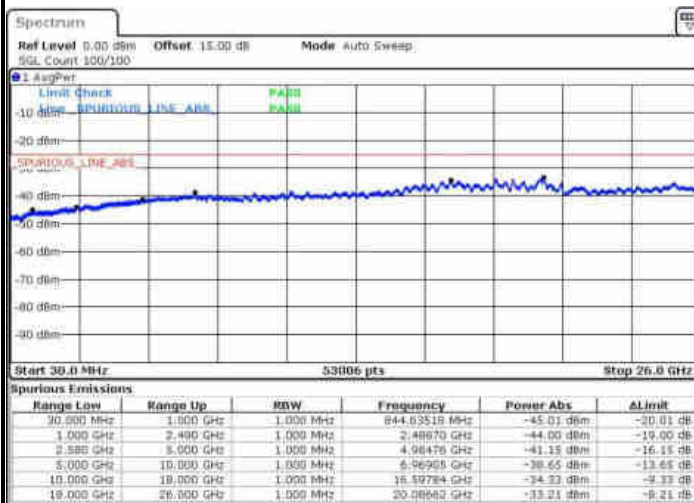
Highest Channel / 16QAM



Date: 25-Sep-2015 14:22:40

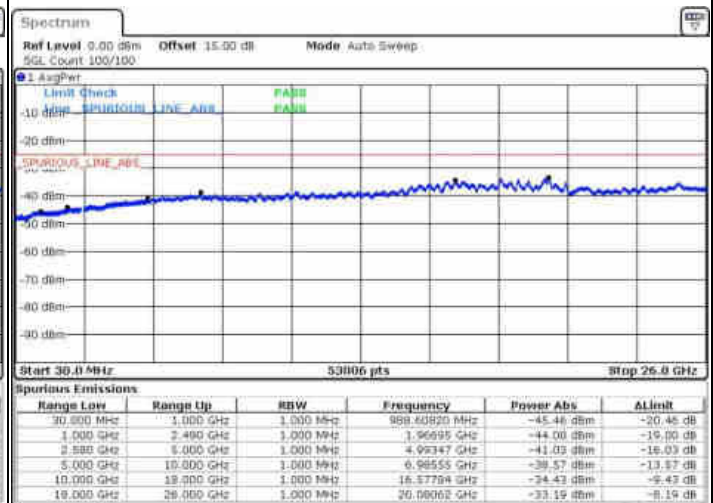
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 25-Sep-2015 14:29:57

Lowest Channel / 16QAM

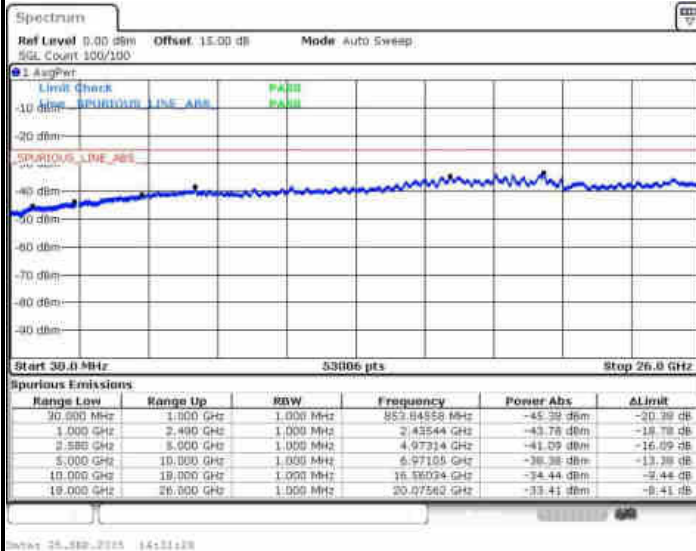


Date: 25-Sep-2015 14:29:51

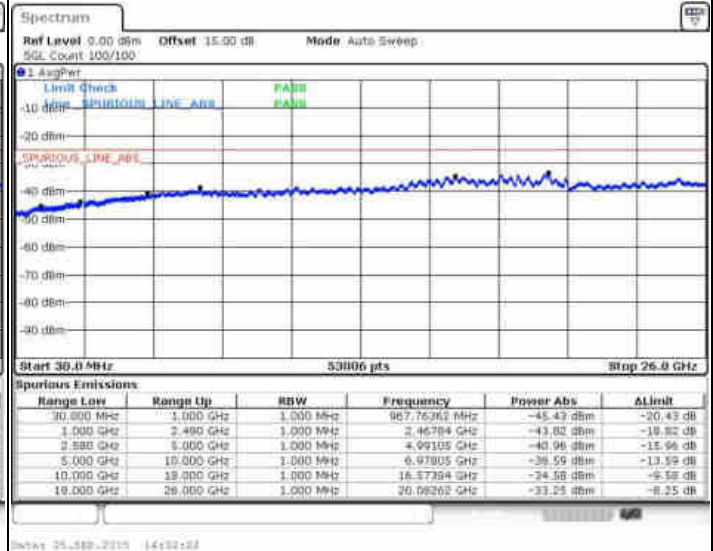


LTE Band 7 / 10MHz

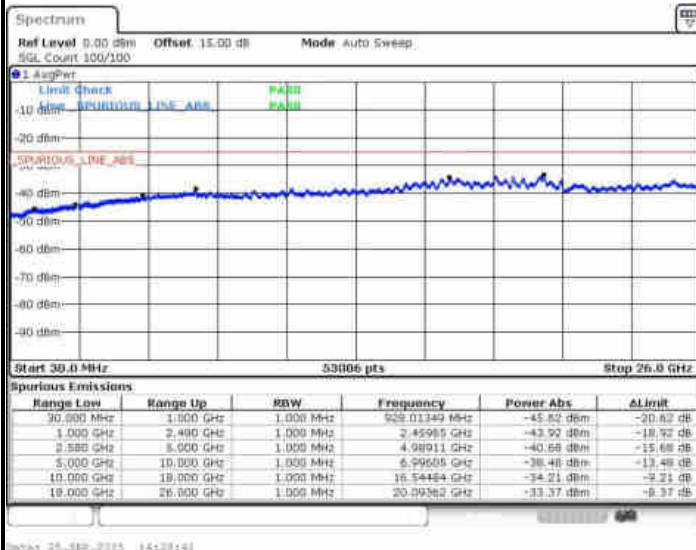
Middle Channel / QPSK



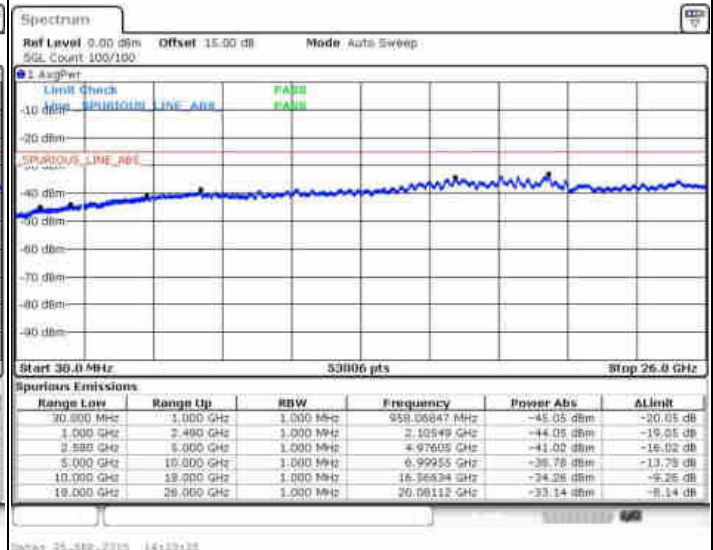
Middle Channel / 16QAM



Highest Channel / QPSK



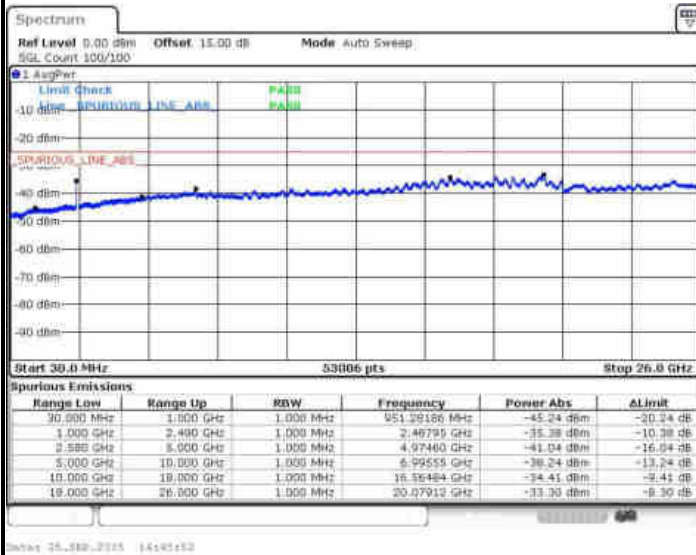
Highest Channel / 16QAM



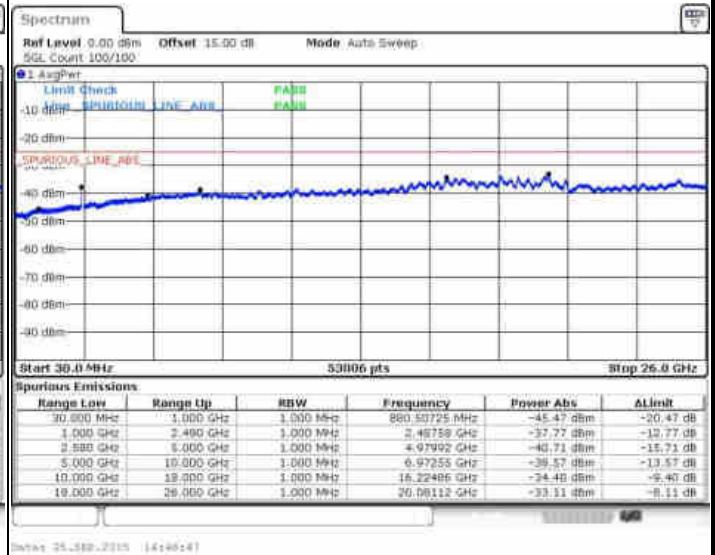


LTE Band 7 / 15MHz

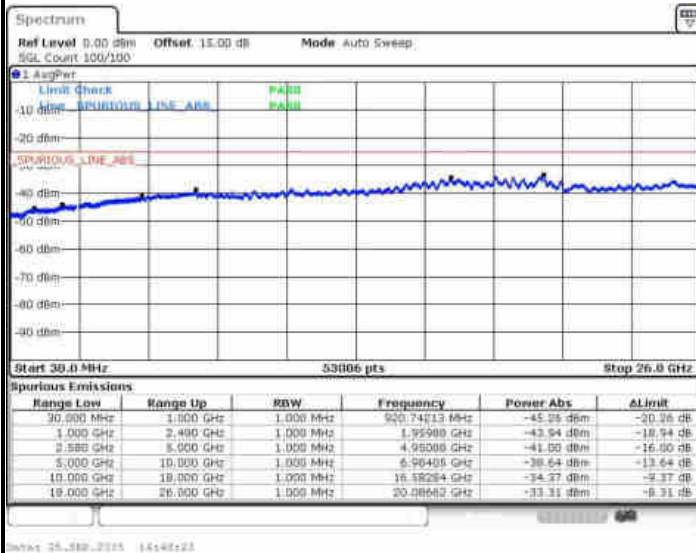
Lowest Channel / QPSK



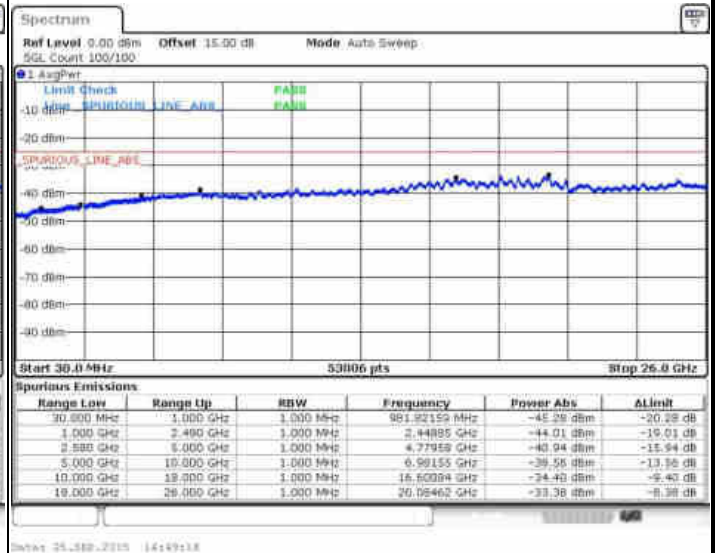
Lowest Channel / 16QAM



Middle Channel / QPSK



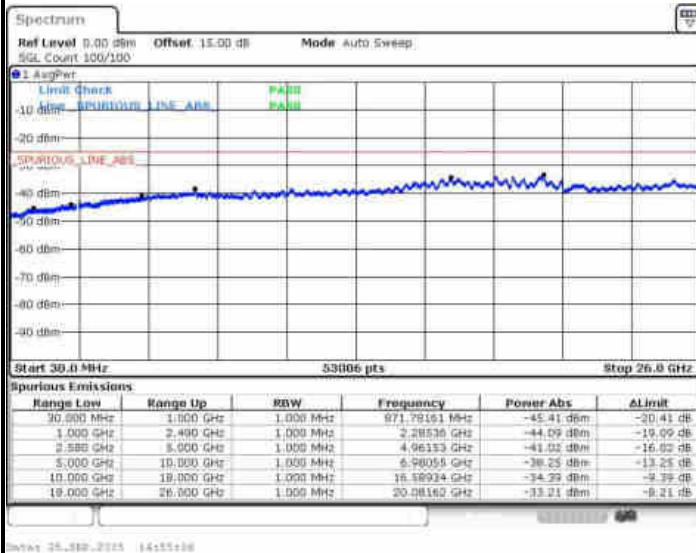
Middle Channel / 16QAM



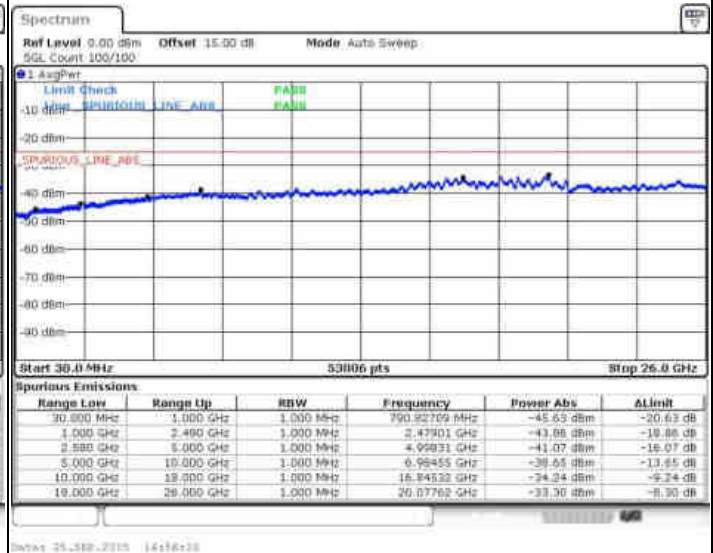


LTE Band7 / 15MHz

Highest Channel / QPSK

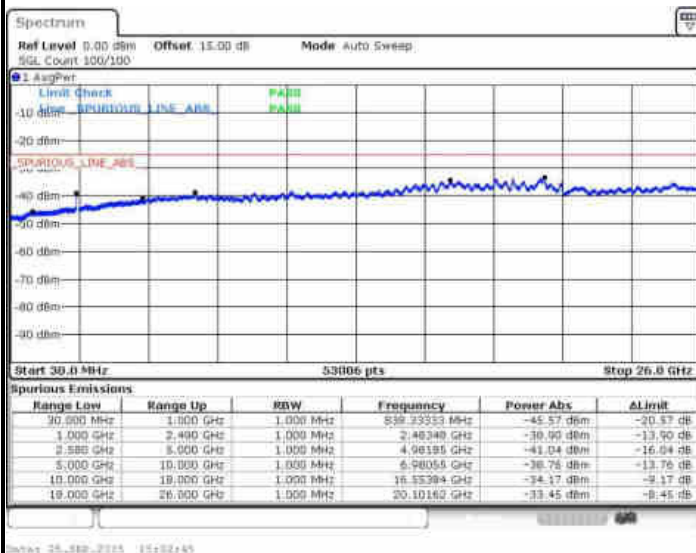


Highest Channel / 16QAM

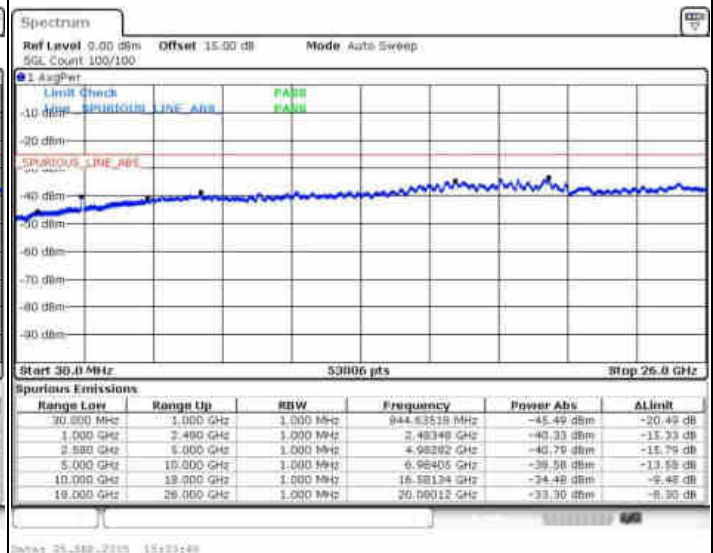


LTE Band 7 / 20MHz

Lowest Channel / QPSK



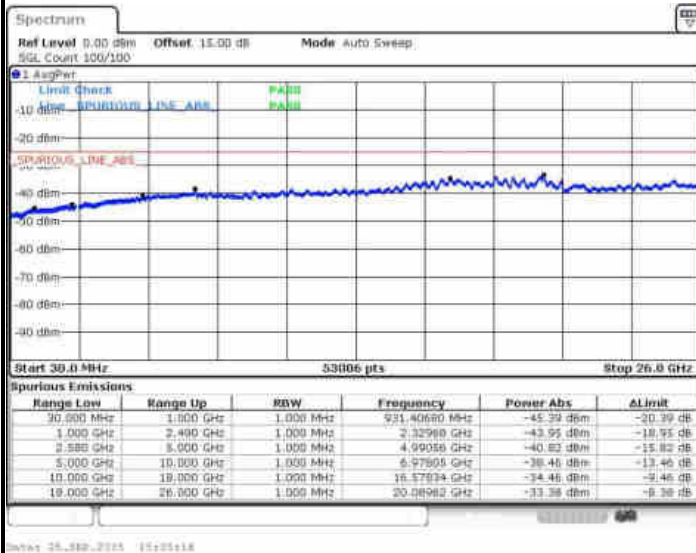
Lowest Channel / 16QAM



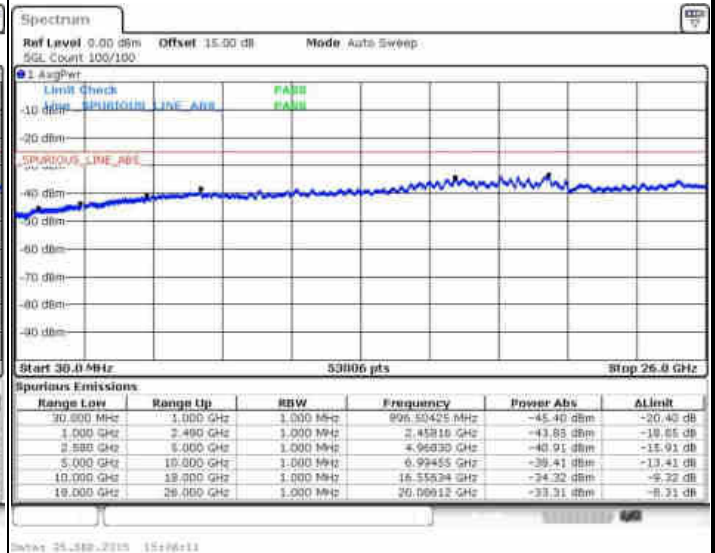


LTE Band 7 / 20MHz

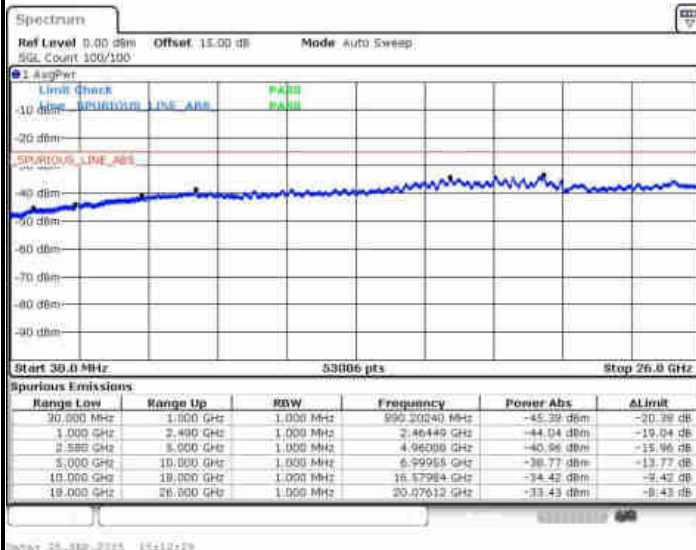
Middle Channel / QPSK



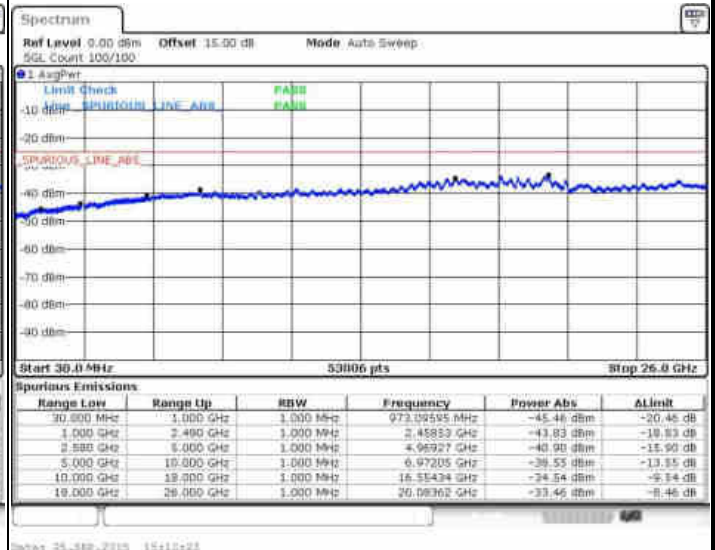
Middle Channel / 16QAM



Highest Channel / QPSK



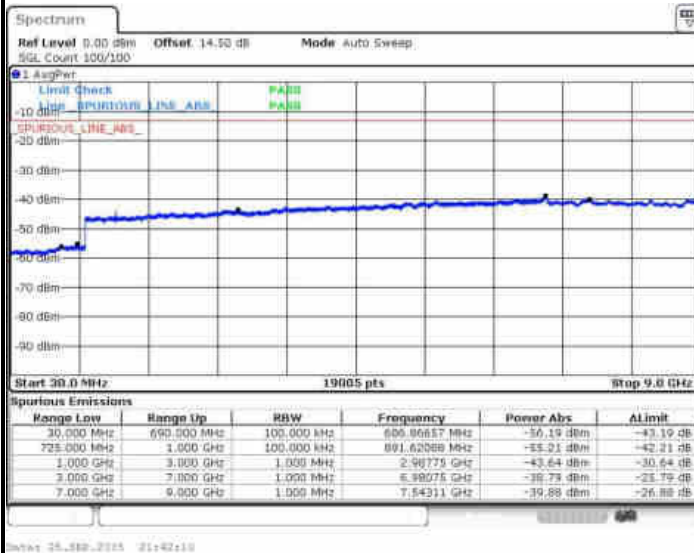
Highest Channel / 16QAM



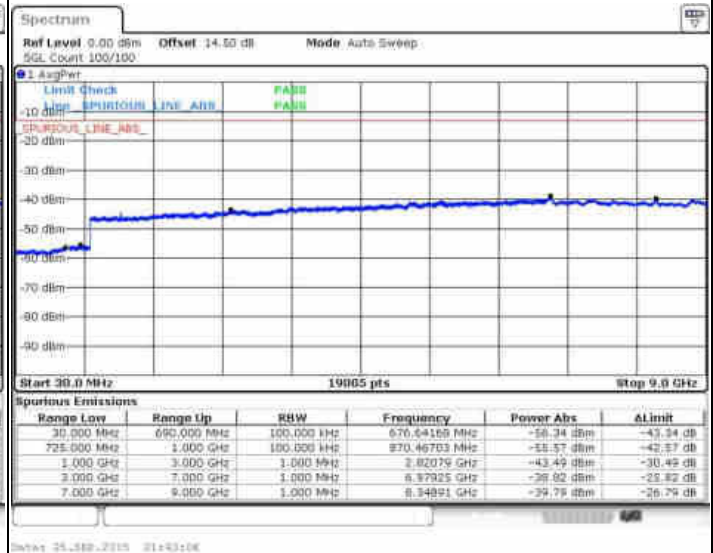


LTE Band 12 / 1.4MHz

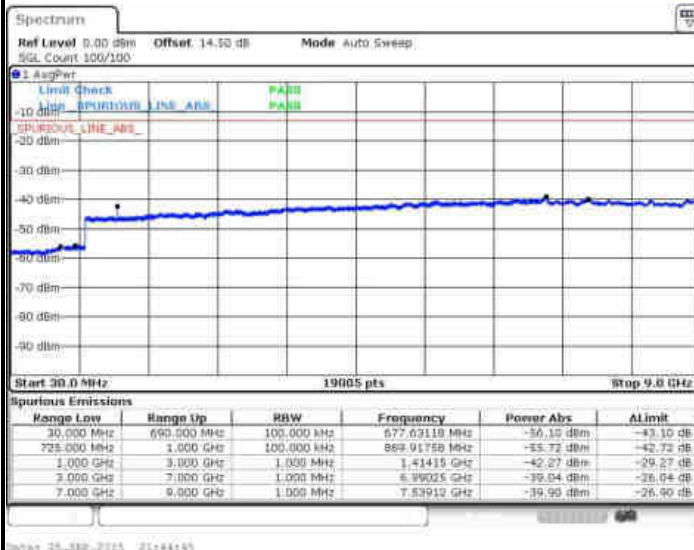
Lowest Channel / QPSK



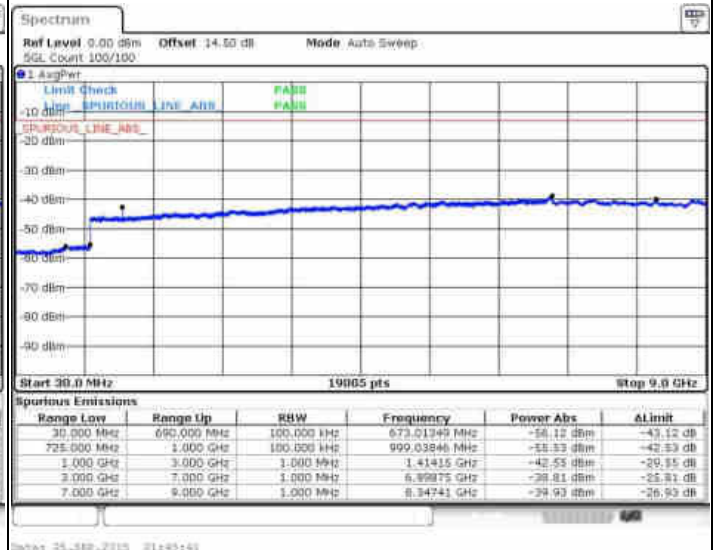
Lowest Channel / 16QAM



Middle Channel / QPSK



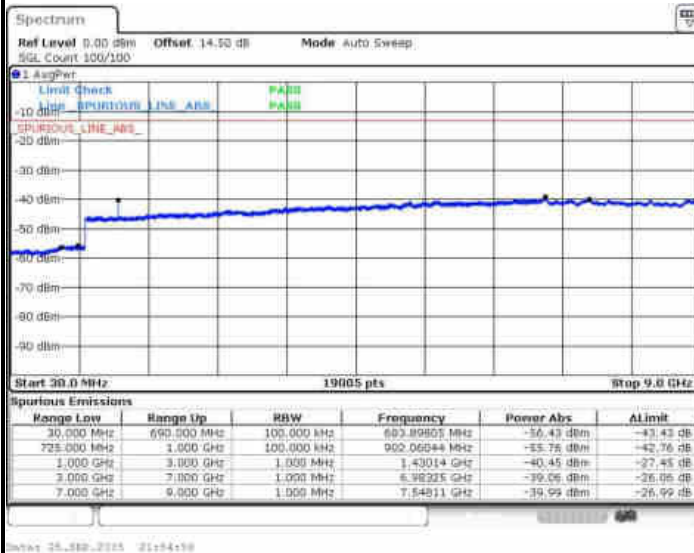
Middle Channel / 16QAM



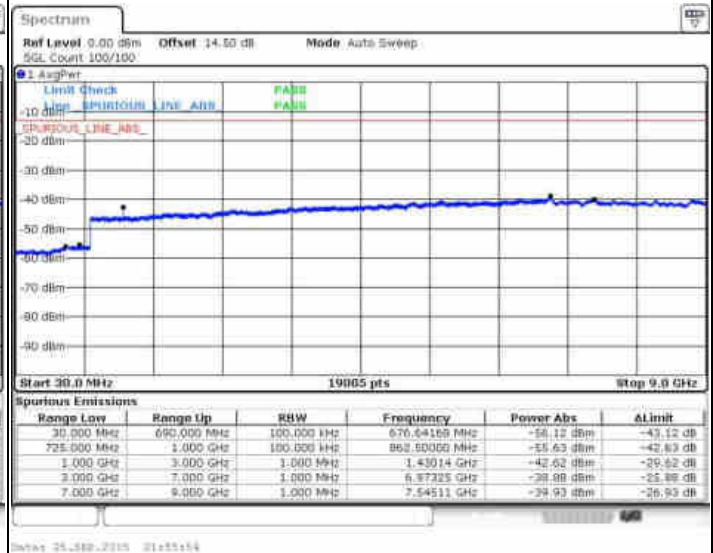


LTE Band 12 / 1.4MHz

Highest Channel / QPSK

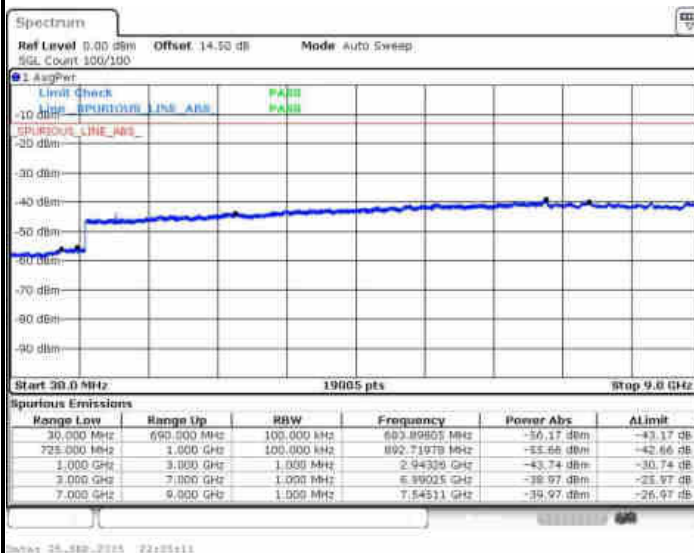


Highest Channel / 16QAM

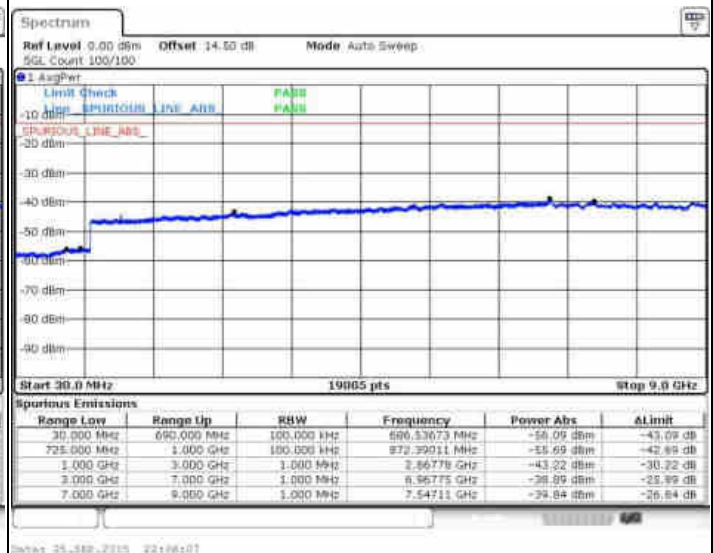


LTE Band 12 / 3MHz

Lowest Channel / QPSK



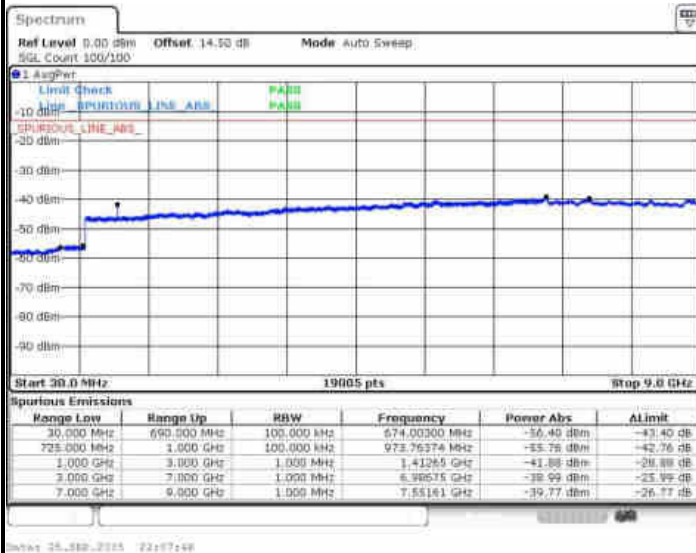
Lowest Channel / 16QAM



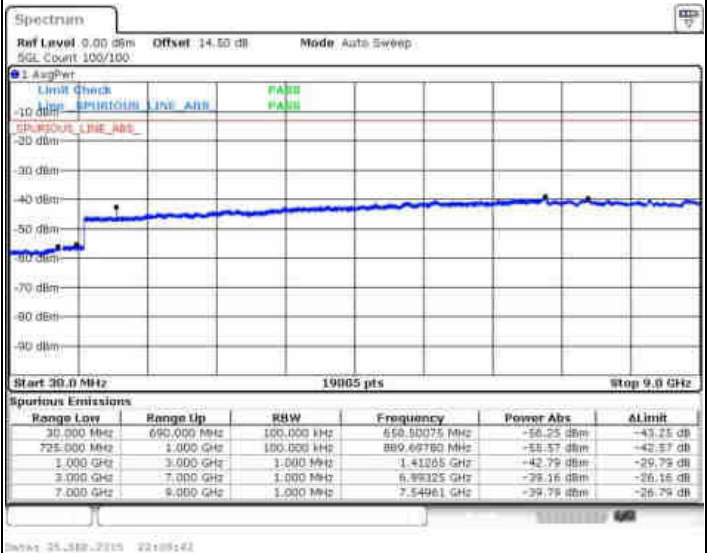


LTE Band 12 / 3MHz

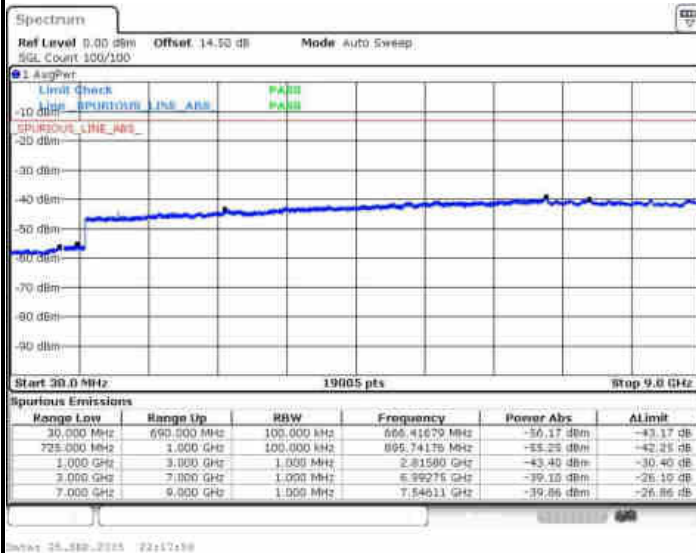
Middle Channel / QPSK



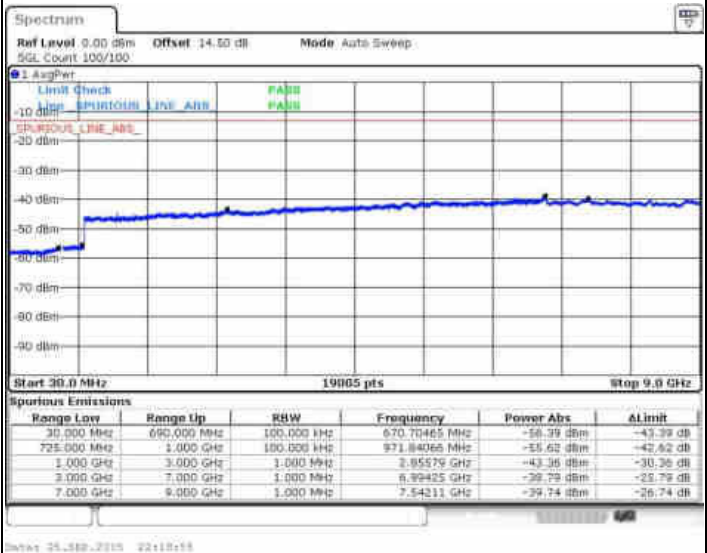
Middle Channel / 16QAM



Highest Channel / QPSK



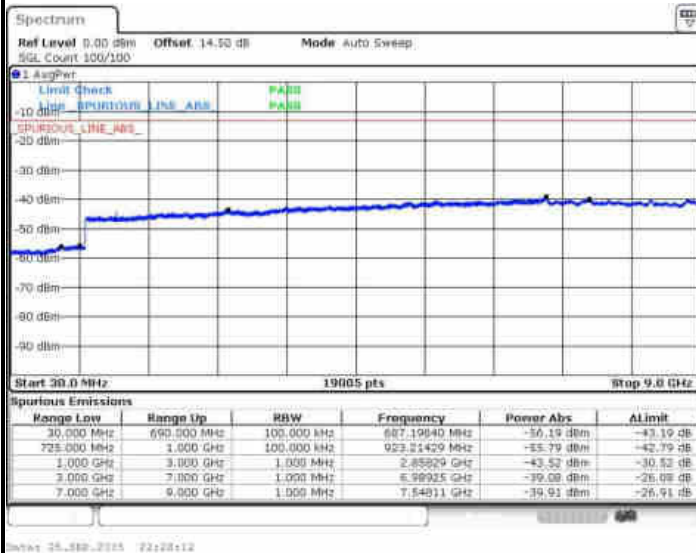
Highest Channel / 16QAM



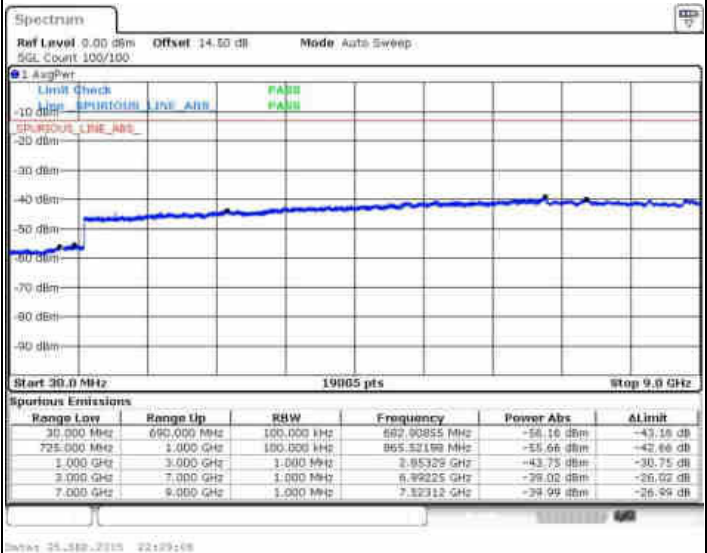


LTE Band 12 / 5MHz

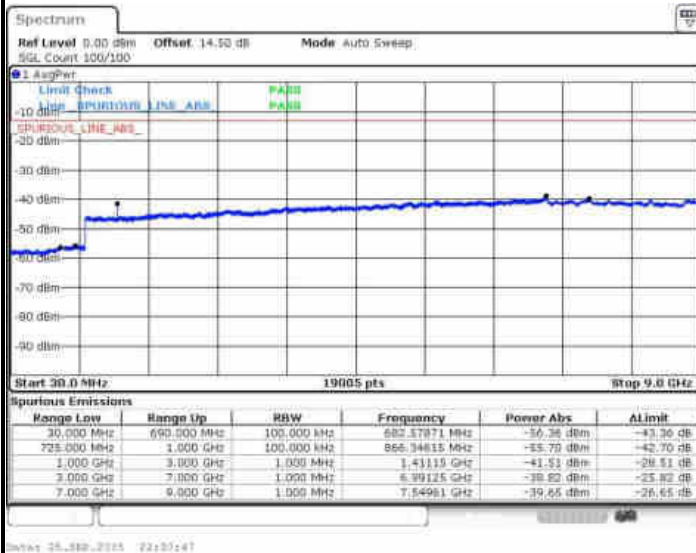
Lowest Channel / QPSK



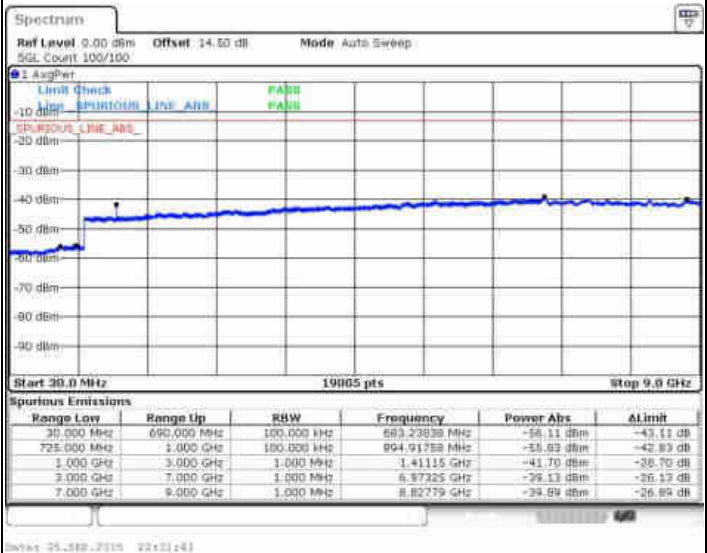
Lowest Channel / 16QAM



Middle Channel / QPSK



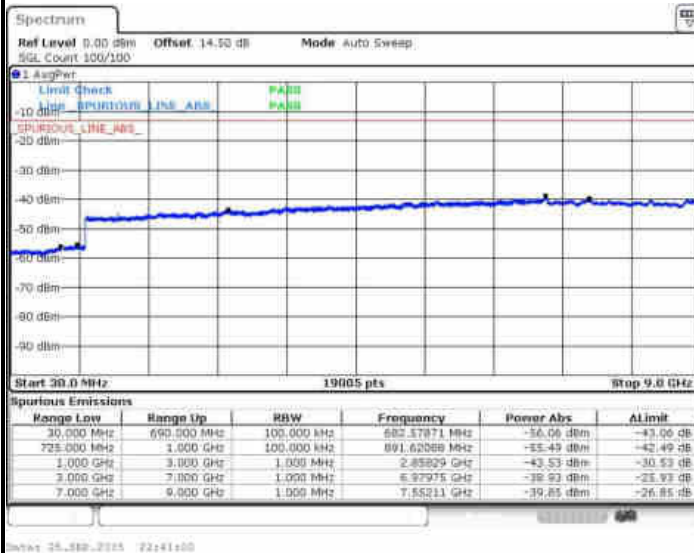
Middle Channel / 16QAM



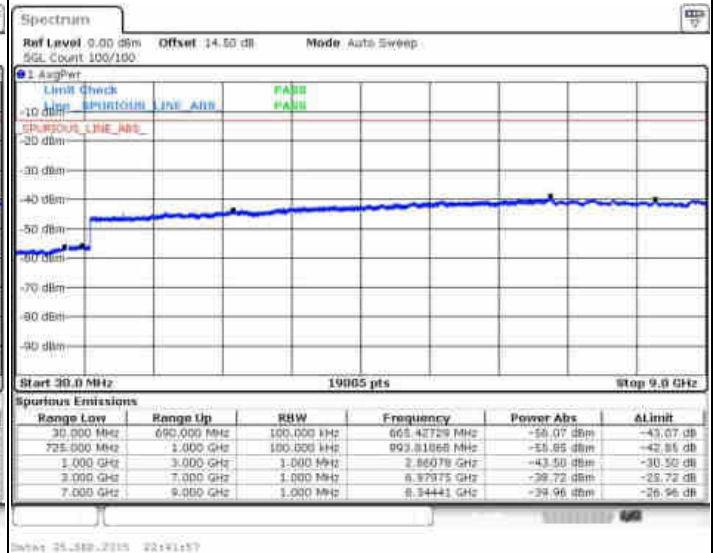


LTE Band 12 / 5MHz

Highest Channel / QPSK

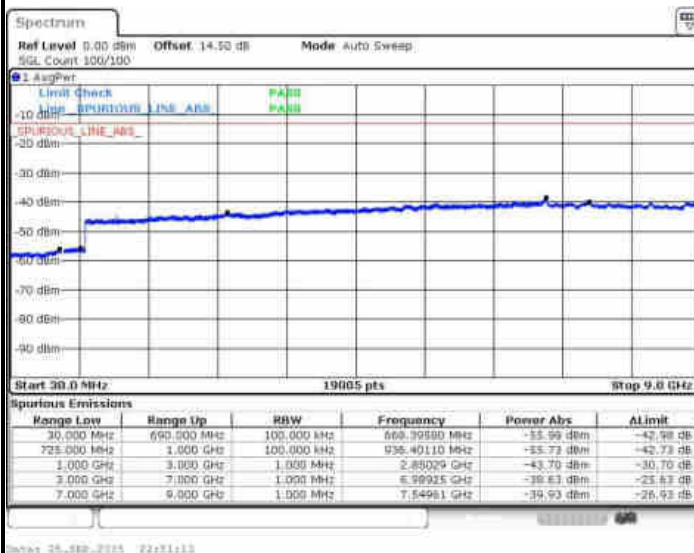


Highest Channel / 16QAM

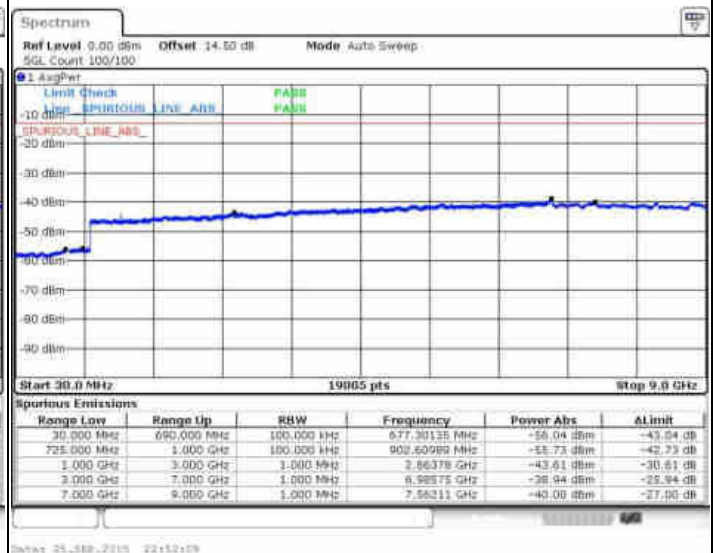


LTE Band 12 / 10MHz

Lowest Channel / QPSK



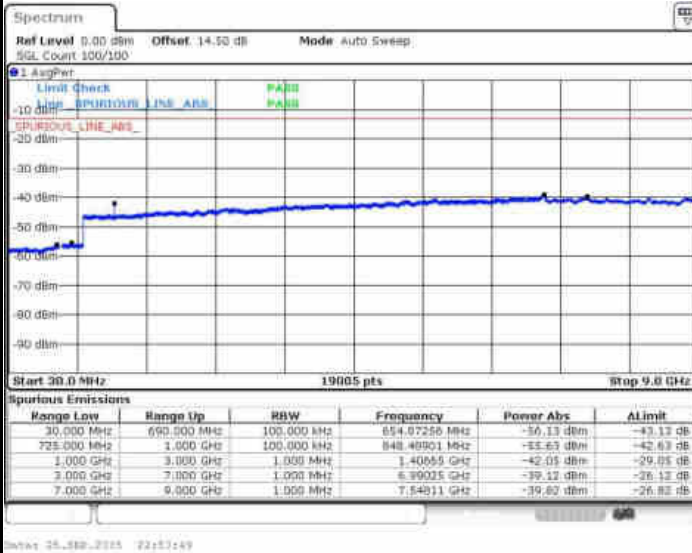
Lowest Channel / 16QAM



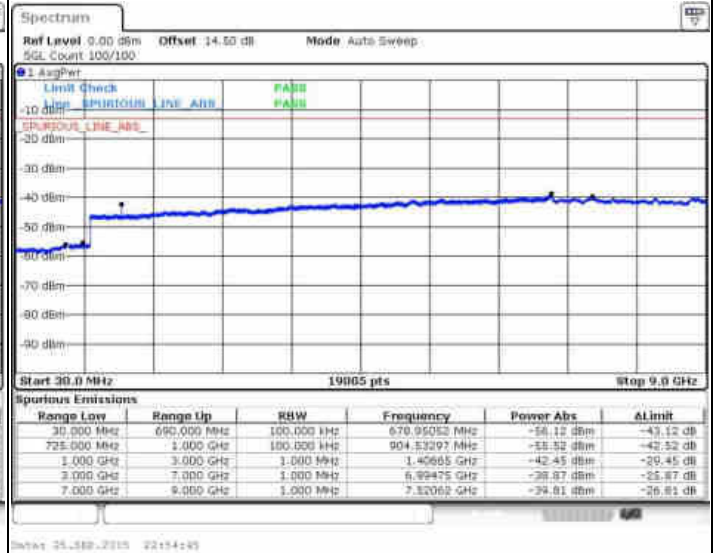


LTE Band 12 / 10MHz

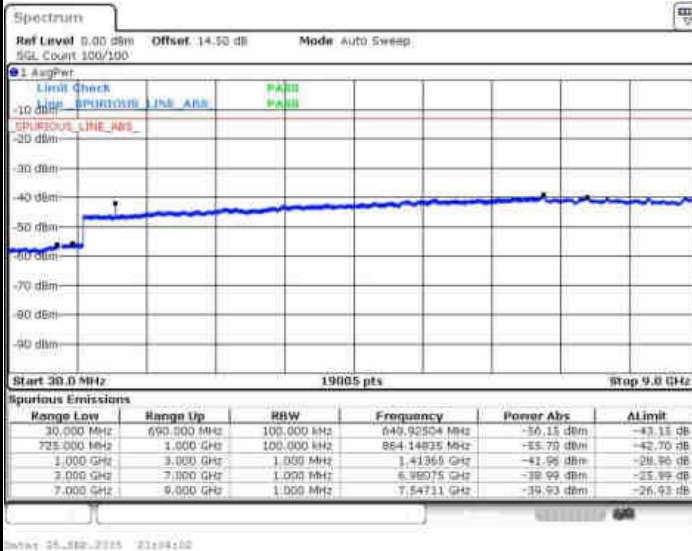
Middle Channel / QPSK



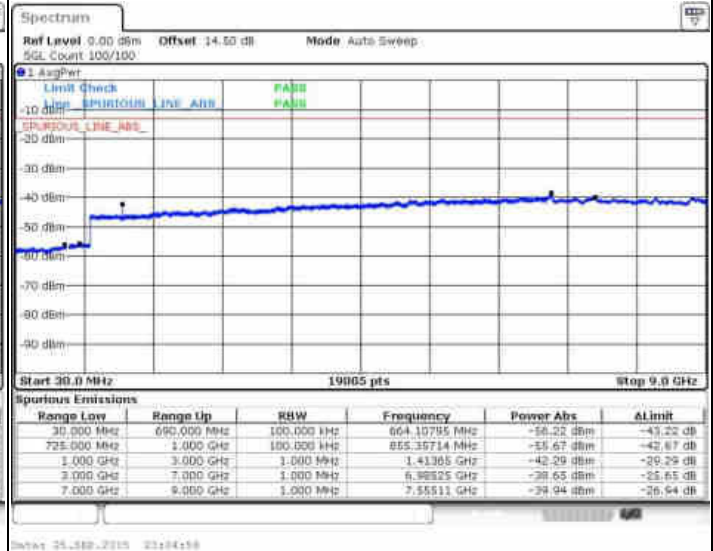
Middle Channel / 16QAM



Highest Channel / QPSK



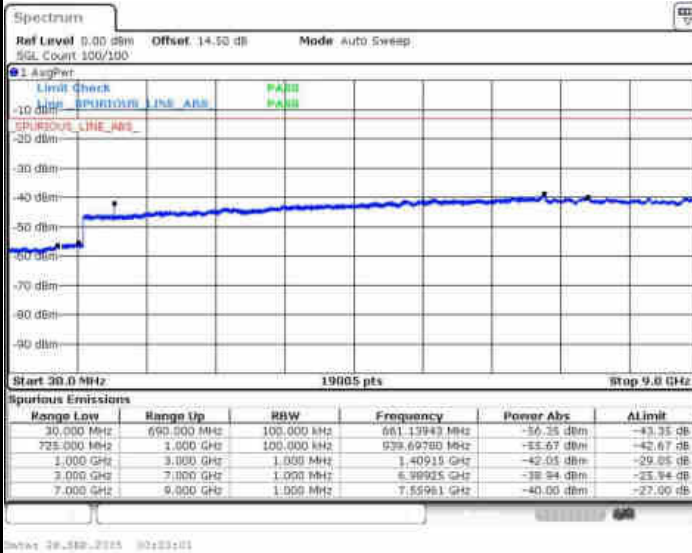
Highest Channel / 16QAM



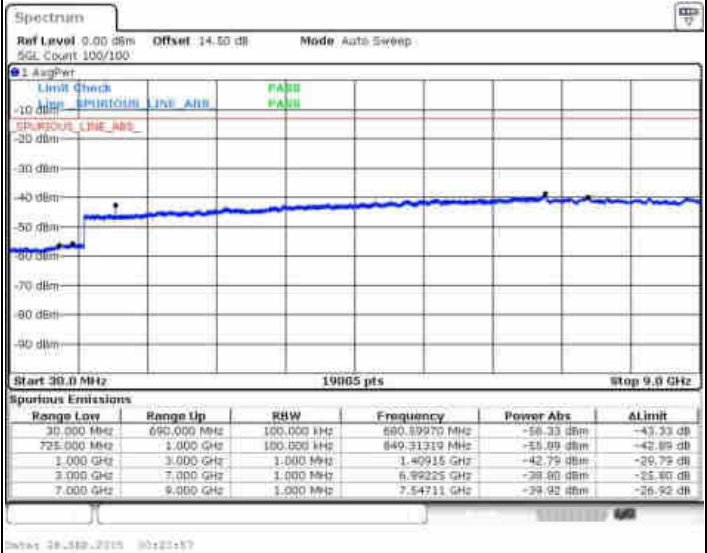


LTE Band 17 / 5MHz

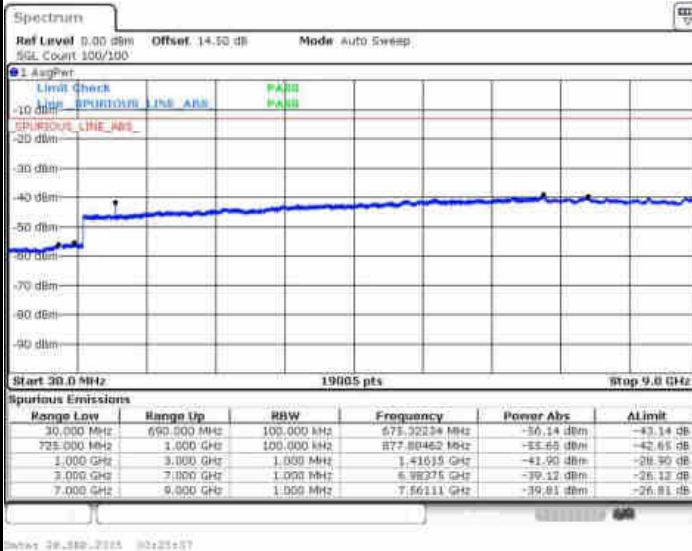
Lowest Channel / QPSK



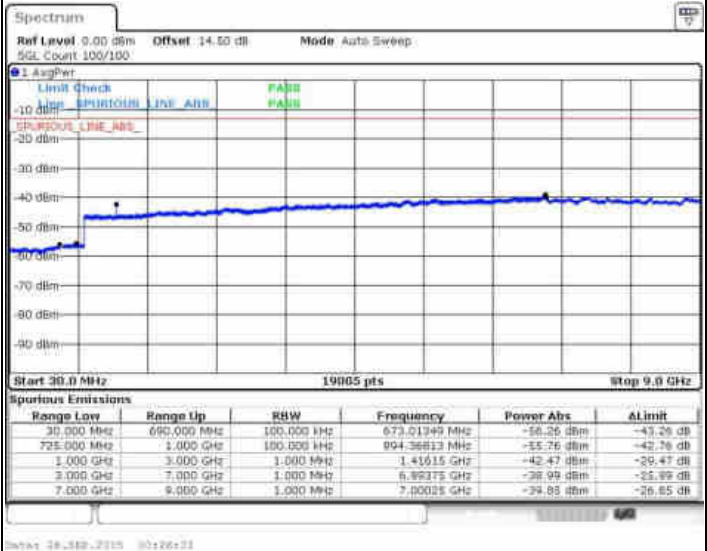
Lowest Channel / 16QAM



Middle Channel / QPSK



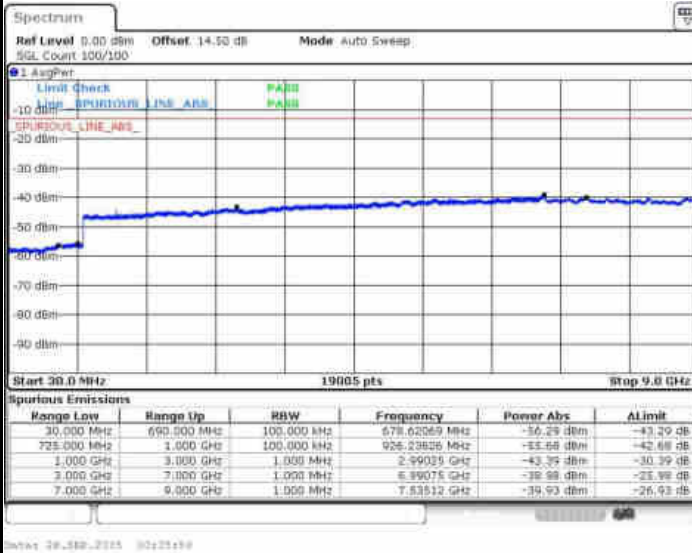
Middle Channel / 16QAM



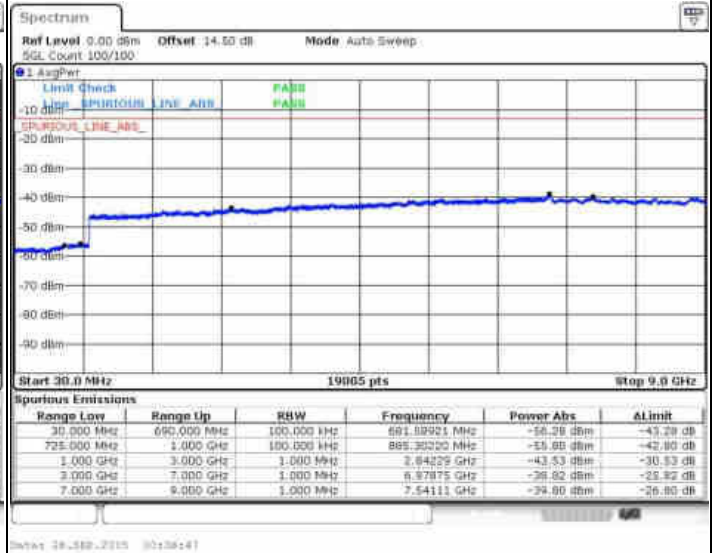


LTE Band 17 / 5MHz

Highest Channel / QPSK

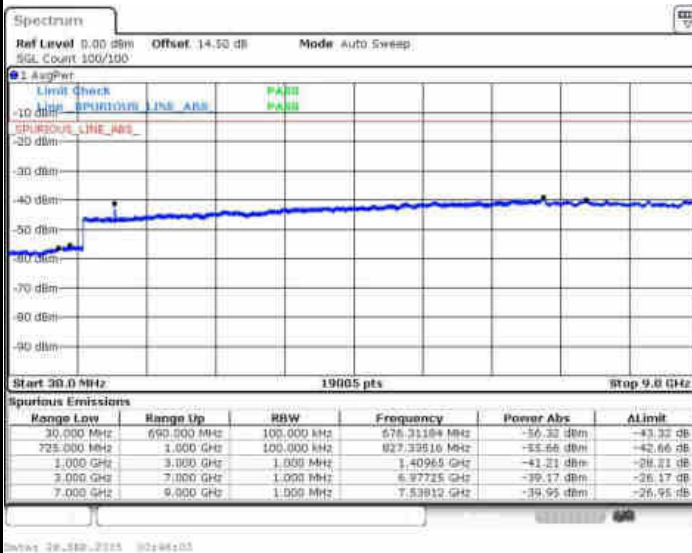


Highest Channel / 16QAM

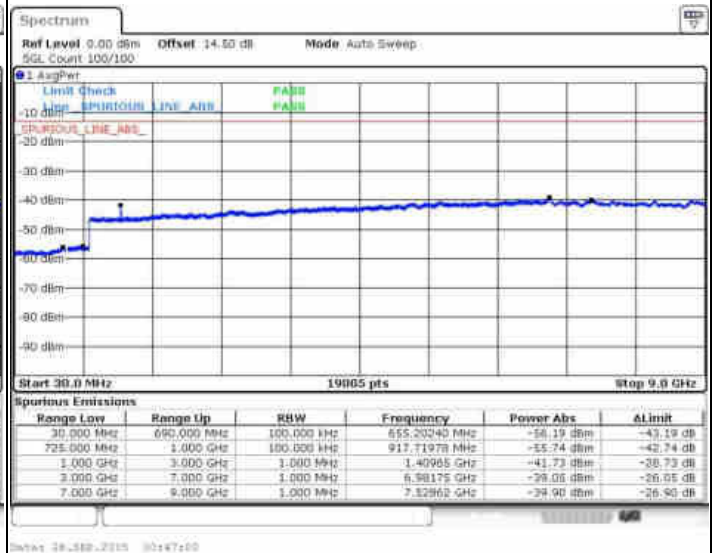


LTE Band 17 / 10MHz

Lowest Channel / QPSK



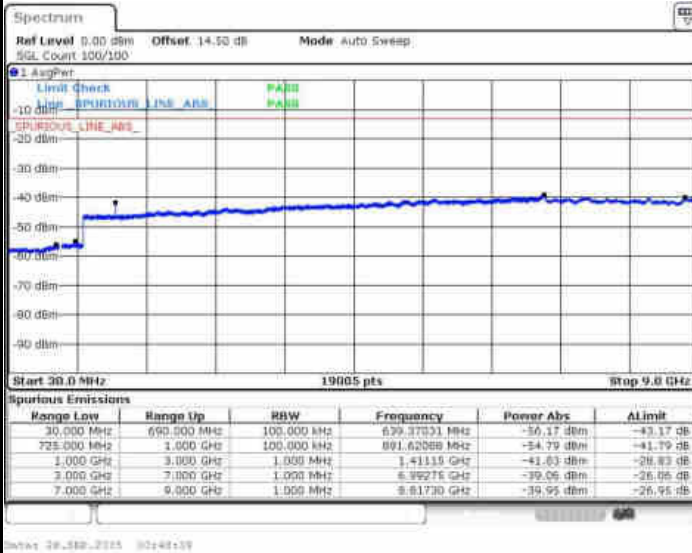
Lowest Channel / 16QAM



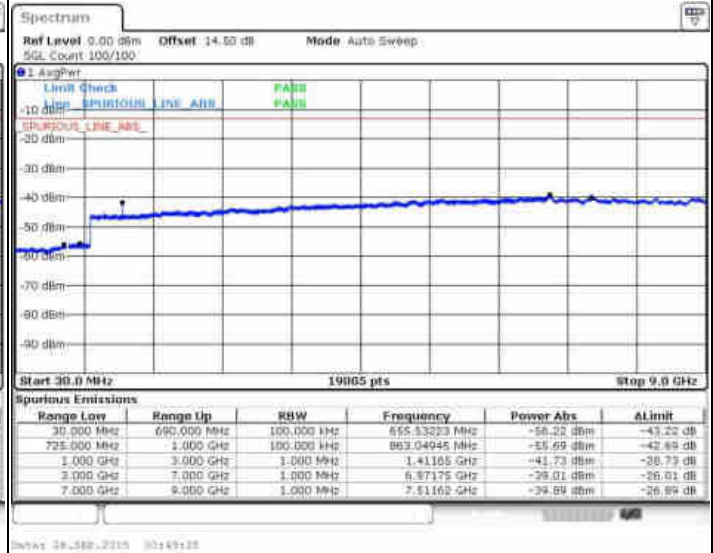


LTE Band 17 / 10MHz

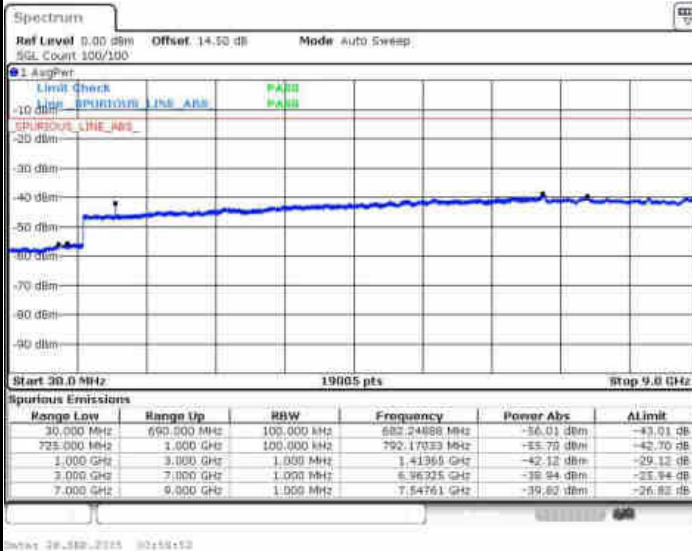
Middle Channel / QPSK



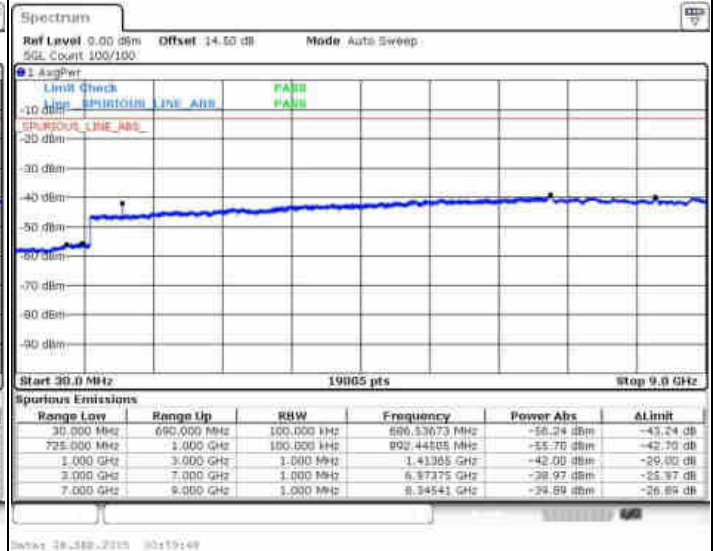
Middle Channel / 16QAM



Highest Channel / QPSK



Highest Channel / 16QAM



**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	0.0005	PASS
40	Normal Voltage	0.0096	
30	Normal Voltage	0.0090	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0085	
0	Normal Voltage	0.0096	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; Maximum Voltage =4.2V
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	0.0017	PASS
40	Normal Voltage	0.0081	
30	Normal Voltage	0.0069	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0069	
-10	Normal Voltage	0.0063	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0075	
20	Maximum Voltage	0.0069	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0075	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2V
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	0.0132	
30	Normal Voltage	0.0120	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0108	
-20	Normal Voltage	0.0143	
-30	Normal Voltage	0.0132	
20	Maximum Voltage	0.0120	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0108	

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



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0087	
30	Normal Voltage	0.0091	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0091	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0091	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; Maximum Voltage =4.2V
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	0.0141	PASS
40	Normal Voltage	0.0155	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0141	
-10	Normal Voltage	0.0057	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0127	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0141	

Note:

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



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0155	
30	Normal Voltage	0.0127	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0155	
-10	Normal Voltage	0.0127	
-20	Normal Voltage	0.0141	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; Maximum Voltage =4.2V
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	21.62	0.1454	21.51	0.1414
Middle		1	0	21.43	0.1392	21.47	0.1402
Highest		1	0	21.21	0.1321	21.30	0.1348
Lowest	16QAM	1	5	20.50	0.1122	20.59	0.1147
Middle		1	3	20.63	0.1156	20.62	0.1154
Highest		1	0	20.18	0.1043	20.23	0.1054
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	14	21.55	0.1427	21.61	0.1448
Middle		1	8	21.46	0.1399	21.56	0.1431
Highest		1	8	21.16	0.1308	21.26	0.1337
Lowest	16QAM	1	0	20.19	0.1044	20.18	0.1042
Middle		1	0	20.59	0.1145	20.68	0.1170
Highest		1	0	20.25	0.1059	20.33	0.1079
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	12	21.40	0.1382	21.48	0.1407
Middle		1	0	21.44	0.1392	21.34	0.1361
Highest		1	12	21.23	0.1328	21.38	0.1375
Lowest	16QAM	1	24	20.69	0.1171	20.71	0.1179
Middle		1	0	20.69	0.1171	20.59	0.1144
Highest		1	0	20.25	0.1059	20.30	0.1073
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	25	21.46	0.1400	21.51	0.1417
Middle		1	49	21.44	0.1392	21.45	0.1396
Highest		1	25	20.76	0.1192	21.20	0.1320
Lowest	16QAM	1	0	20.50	0.1121	20.50	0.1122
Middle		1	0	20.37	0.1090	20.38	0.1092
Highest		1	0	20.05	0.1011	20.05	0.1011
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	21.60	0.1447	21.66	0.1465
Middle		1	0	21.48	0.1407	21.45	0.1396
Highest		1	0	21.35	0.1365	21.43	0.1389
Lowest	16QAM	1	0	20.83	0.1210	20.85	0.1216
Middle		1	74	20.81	0.1206	20.90	0.1230
Highest		1	0	20.41	0.1100	20.49	0.1119
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	21.71	0.1481	21.66	0.1467
Middle		1	49	21.52	0.1418	21.55	0.1427
Highest		1	49	21.46	0.1400	21.54	0.1424
Lowest	16QAM	1	0	21.01	0.1261	21.02	0.1266
Middle		1	49	20.78	0.1197	20.78	0.1197
Highest		1	0	20.79	0.1200	20.95	0.1245
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	3	23.35	0.2162	23.49	0.2235
Middle		3	1	23.86	0.2432	23.81	0.2403
Highest		1	5	23.83	0.2415	23.67	0.2326
Lowest	16QAM	3	3	22.28	0.1692	22.35	0.1716
Middle		1	3	22.70	0.1862	22.75	0.1886
Highest		1	3	22.61	0.1826	22.50	0.1778
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.25	0.2114	23.11	0.2045
Middle		1	0	23.79	0.2393	23.74	0.2364
Highest		1	14	23.56	0.2267	23.49	0.2231
Lowest	16QAM	1	14	22.24	0.1673	22.21	0.1663
Middle		1	0	22.51	0.1781	22.46	0.1762
Highest		1	8	22.52	0.1785	22.35	0.1716
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	23.69	0.2341	23.68	0.2335
Middle		1	0	23.88	0.2442	23.92	0.2466
Highest		1	12	23.96	0.2489	23.92	0.2463
Lowest	16QAM	1	0	21.96	0.1570	21.96	0.1569
Middle		1	0	23.02	0.2003	22.98	0.1984
Highest		1	0	22.39	0.1736	22.25	0.1677
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	23.58	0.2279	23.45	0.2211
Middle		1	0	23.56	0.2271	23.57	0.2278
Highest		1	0	23.69	0.2340	23.64	0.2315
Lowest	16QAM	1	25	22.24	0.1674	22.19	0.1655
Middle		1	0	22.38	0.1731	22.31	0.1700
Highest		1	0	22.39	0.1733	22.20	0.1659
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	23.55	0.2265	23.57	0.2276
Middle		1	0	23.53	0.2253	23.46	0.2220
Highest		1	0	24.05	0.2543	23.80	0.2401
Lowest	16QAM	1	0	22.22	0.1669	22.26	0.1683
Middle		1	0	22.58	0.1813	22.49	0.1776
Highest		1	0	22.96	0.1976	22.87	0.1937
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	23.95	0.2483	23.85	0.2429
Middle		1	49	23.87	0.2436	23.87	0.2439
Highest		1	49	23.71	0.2348	23.72	0.2353
Lowest	16QAM	1	99	22.91	0.1953	22.84	0.1925
Middle		1	49	22.58	0.1810	22.53	0.1789
Highest		1	0	23.37	0.2171	23.27	0.2122
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	0	18.24	0.0667	14.44	0.0278
Middle		3	3	18.54	0.0715	14.64	0.0291
Highest		3	3	18.63	0.0730	15.19	0.0330
Lowest	16QAM	1	3	17.31	0.0538	13.32	0.0215
Middle		1	3	17.64	0.0581	13.80	0.0240
Highest		1	3	17.69	0.0587	14.24	0.0266
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	0	18.20	0.0661	14.17	0.0261
Middle		1	8	18.61	0.0726	14.81	0.0303
Highest		1	8	18.71	0.0744	15.22	0.0333
Lowest	16QAM	1	0	17.12	0.0515	13.12	0.0205
Middle		1	8	17.45	0.0556	13.73	0.0236
Highest		1	8	17.58	0.0573	14.01	0.0252
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	18.11	0.0647	14.25	0.0266
Middle		1	0	18.57	0.0720	14.72	0.0296
Highest		1	0	18.53	0.0713	14.94	0.0312
Lowest	16QAM	1	12	17.16	0.0520	13.23	0.0210
Middle		1	0	17.37	0.0545	13.59	0.0228
Highest		1	0	17.38	0.0547	13.79	0.0239
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	18.23	0.0666	14.35	0.0272
Middle		1	0	18.48	0.0705	14.69	0.0294
Highest		1	0	18.55	0.0716	14.81	0.0303
Lowest	16QAM	1	49	17.49	0.0561	13.61	0.0230
Middle		1	0	17.45	0.0557	13.65	0.0232
Highest		1	0	17.51	0.0564	13.81	0.0240
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	24	17.85	0.0610	18.11	0.0647
Middle		1	24	18.52	0.0712	18.38	0.0689
Highest		1	24	18.14	0.0651	18.07	0.0641
Lowest	16QAM	1	0	17.19	0.0524	17.35	0.0543
Middle		1	24	17.78	0.0599	17.59	0.0574
Highest		1	12	17.41	0.0551	17.51	0.0564
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	25	18.33	0.0681	18.09	0.0644
Middle		1	0	17.97	0.0627	17.72	0.0592
Highest		1	49	18.39	0.0690	18.48	0.0704
Lowest	16QAM	1	0	16.05	0.0403	21.09	0.1285
Middle		1	49	17.50	0.0562	20.40	0.1096
Highest		1	49	17.59	0.0574	18.91	0.0778
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	18.41	0.0694	18.58	0.0721
Middle		1	74	18.04	0.0637	17.90	0.0617
Highest		1	0	18.60	0.0725	18.54	0.0715
Lowest	16QAM	1	74	17.36	0.0544	17.56	0.0570
Middle		1	74	17.90	0.0617	17.71	0.0591
Highest		1	0	18.15	0.0653	18.18	0.0658
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	49	17.94	0.0623	18.00	0.0632
Middle		1	49	18.91	0.0778	18.78	0.0754
Highest		1	49	18.41	0.0693	18.41	0.0694
Lowest	16QAM	1	0	17.30	0.0537	17.51	0.0564
Middle		1	99	17.97	0.0626	17.83	0.0606
Highest		1	0	17.94	0.0623	17.81	0.0605
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	16.96	0.0496	7.44	0.0055
Middle		1	0	17.43	0.0553	8.42	0.0070
Highest		3	1	17.53	0.0567	8.96	0.0079
Lowest	16QAM	3	3	16.26	0.0423	6.71	0.0047
Middle		3	0	16.67	0.0464	7.77	0.0060
Highest		1	5	16.29	0.0425	7.81	0.0060
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	8	17.00	0.0501	7.48	0.0056
Middle		1	0	17.36	0.0544	8.39	0.0069
Highest		1	8	17.40	0.0550	8.76	0.0075
Lowest	16QAM	1	14	16.26	0.0423	6.80	0.0048
Middle		1	0	16.36	0.0432	7.31	0.0054
Highest		1	14	16.48	0.0445	7.85	0.0061
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	12	17.20	0.0525	7.75	0.0060
Middle		1	0	17.18	0.0522	8.29	0.0068
Highest		1	24	17.35	0.0543	8.85	0.0077
Lowest	16QAM	1	12	16.38	0.0435	6.93	0.0049
Middle		1	0	16.38	0.0434	7.20	0.0053
Highest		1	0	16.48	0.0444	7.45	0.0056
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	49	17.19	0.0524	8.26	0.0067
Middle		1	49	16.96	0.0496	8.22	0.0066
Highest		1	49	17.35	0.0543	8.80	0.0076
Lowest	16QAM	1	49	16.37	0.0433	7.43	0.0055
Middle		1	0	16.40	0.0437	7.01	0.0050
Highest		1	0	16.75	0.0473	7.68	0.0059
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	16.70	0.0468	8.31	0.0068
Middle		1	0	17.19	0.0524	8.27	0.0067
Highest		1	0	16.80	0.0479	8.14	0.0065
Lowest	16QAM	1	0	15.86	0.0385	7.07	0.0051
Middle		1	12	16.22	0.0419	7.65	0.0058
Highest		1	24	16.20	0.0417	7.78	0.0060
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.16	0.0520	8.32	0.0068
Middle		1	0	17.20	0.0525	8.40	0.0069
Highest		1	0	17.20	0.0525	8.48	0.0071
Lowest	16QAM	1	0	16.16	0.0413	7.38	0.0055
Middle		1	0	16.12	0.0409	7.38	0.0055
Highest		1	0	16.31	0.0427	7.50	0.0056
Limit	ERP < 3W			Result		PASS	



Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.32	-47.69	-13	-34.69	-60.46	-54.88	0.81	8.00	H
	5550.48	-41.33	-13	-28.33	-60.08	-51.32	1.01	11.00	H
	7400.64	-30.36	-13	-17.36	-56.83	-42.60	1.46	13.70	H
	3700.32	-46.53	-13	-33.53	-59.6	-53.72	0.81	8.00	V
	5550.48	-42.95	-13	-29.95	-62.01	-52.94	1.01	11.00	V
	7400.64	-35.97	-13	-22.97	-60.35	-48.21	1.46	13.70	V
Middle	3758.92	-46.58	-13	-33.58	-59.35	-53.77	0.81	8.00	H
	5638.38	-36.75	-13	-23.75	-56.64	-46.74	1.01	11.00	H
	7517.84	-42.10	-13	-29.10	-64.27	-54.34	1.46	13.70	H
	3758.92	-45.90	-13	-32.90	-58.97	-53.09	0.81	8.00	V
	5638.38	-44.69	-13	-31.69	-63.75	-54.68	1.01	11.00	V
	7517.84	-44.72	-13	-31.72	-67.21	-56.96	1.46	13.70	V
Highest	3817.52	-51.15	-13	-38.15	-63.92	-58.34	0.81	8.00	H
	5726.28	-34.15	-13	-21.15	-54.72	-44.14	1.01	11.00	H
	7635.04	-37.74	-13	-24.74	-61.70	-49.98	1.46	13.70	H
	3817.52	-51.96	-13	-38.96	-65.03	-59.15	0.81	8.00	V
	5726.28	-42.74	-13	-29.74	-61.8	-52.73	1.01	11.00	V
	7635.04	-41.80	-13	-28.80	-64.29	-54.04	1.46	13.70	V

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



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.48	-48.38	-13	-35.38	-61.15	-55.57	0.81	8.00	H
	5550.72	-41.31	-13	-28.31	-60.06	-51.30	1.01	11.00	H
	7400.96	-29.00	-13	-16.00	-55.93	-41.24	1.46	13.70	H
	3700.48	-46.76	-13	-33.76	-59.83	-53.95	0.81	8.00	V
	5550.72	-43.45	-13	-30.45	-62.51	-53.44	1.01	11.00	V
	7400.96	-37.32	-13	-24.32	-60.86	-49.56	1.46	13.70	V
Middle	3758.92	-47.23	-13	-34.23	-60.00	-54.42	0.81	8.00	H
	5638.38	-38.06	-13	-25.06	-57.64	-48.05	1.01	11.00	H
	7517.84	-44.25	-13	-31.25	-66.42	-56.49	1.46	13.70	H
	3758.92	-46.36	-13	-33.36	-59.43	-53.55	0.81	8.00	V
	5638.38	-43.82	-13	-30.82	-62.88	-53.81	1.01	11.00	V
	7517.84	-45.01	-13	-32.01	-67.5	-57.25	1.46	13.70	V
Highest	3814.48	-48.80	-13	-35.80	-61.57	-55.99	0.81	8.00	H
	5721.72	-34.66	-13	-21.66	-55.02	-44.65	1.01	11.00	H
	7628.96	-40.73	-13	-27.73	-62.90	-52.97	1.46	13.70	H
	3814.48	-50.77	-13	-37.77	-63.84	-57.96	0.81	8.00	V
	5721.72	-43.03	-13	-30.03	-62.09	-53.02	1.01	11.00	V
	7628.96	-42.70	-13	-29.70	-65.19	-54.94	1.46	13.70	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.68	-48.63	-13	-35.63	-61.40	-55.82	0.81	8.00	H
	5551.02	-40.96	-13	-27.96	-59.71	-50.95	1.01	11.00	H
	7401.36	-30.45	-13	-17.45	-56.97	-42.69	1.46	13.70	H
	3700.68	-46.81	-13	-33.81	-59.88	-54.00	0.81	8.00	V
	5551.02	-43.08	-13	-30.08	-62.14	-53.07	1.01	11.00	V
	7401.36	-36.94	-13	-23.94	-60.53	-49.18	1.46	13.70	V
Middle	3755.68	-47.60	-13	-34.60	-60.37	-54.79	0.81	8.00	H
	5633.52	-40.95	-13	-27.95	-59.70	-50.94	1.01	11.00	H
	7511.36	-45.29	-13	-32.29	-67.46	-57.53	1.46	13.70	H
	3755.68	-46.09	-13	-33.09	-59.16	-53.28	0.81	8.00	V
	5633.52	-45.29	-13	-32.29	-64.35	-55.28	1.01	11.00	V
	7511.36	-45.22	-13	-32.22	-67.71	-57.46	1.46	13.70	V
Highest	3808	-47.89	-13	-34.89	-60.66	-55.08	0.81	8.00	H
	5716	-33.73	-13	-20.73	-54.43	-43.72	1.01	11.00	H
	7620	-43.75	-13	-30.75	-65.92	-55.99	1.46	13.70	H
	3808	-48.75	-13	-35.75	-61.82	-55.94	0.81	8.00	V
	5716	-43.14	-13	-30.14	-62.2	-53.13	1.01	11.00	V
	7620	-44.35	-13	-31.35	-66.84	-56.59	1.46	13.70	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.18	-49.65	-13	-36.65	-62.42	-56.84	0.81	8.00	H
	5551.77	-41.53	-13	-28.53	-60.28	-51.52	1.01	11.00	H
	7402.36	-34.48	-13	-21.48	-59.89	-46.72	1.46	13.70	H
	3701.18	-48.16	-13	-35.16	-61.23	-55.35	0.81	8.00	V
	5551.77	-46.98	-13	-33.98	-66.04	-56.97	1.01	11.00	V
	7402.36	-37.77	-13	-24.77	-61.31	-50.01	1.46	13.70	V
Middle	3751.18	-46.91	-13	-33.91	-59.68	-54.10	0.81	8.00	H
	5626.77	-41.72	-13	-28.72	-60.47	-51.71	1.01	11.00	H
	7502.36	-47.73	-13	-34.73	-69.90	-59.97	1.46	13.70	H
	3751.18	-47.29	-13	-34.29	-60.36	-54.48	0.81	8.00	V
	5626.77	-47.71	-13	-34.71	-66.77	-57.70	1.01	11.00	V
	7502.36	-46.59	-13	-33.59	-69.08	-58.83	1.46	13.70	V
Highest	3801.18	-46.56	-13	-33.56	-59.33	-53.75	0.81	8.00	H
	5701.77	-43.28	-13	-30.28	-62.03	-53.27	1.01	11.00	H
	7602.36	-42.06	-13	-29.06	-64.23	-54.30	1.46	13.70	H
	3801.18	-47.83	-13	-34.83	-60.9	-55.02	0.81	8.00	V
	5701.77	-47.07	-13	-34.07	-66.13	-57.06	1.01	11.00	V
	7602.36	-45.52	-13	-32.52	-68.01	-57.76	1.46	13.70	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.68	-48.40	-13	-35.40	-61.17	-55.59	0.81	8.00	H
	5552.52	-40.37	-13	-27.37	-59.12	-50.36	1.01	11.00	H
	7403.36	-32.18	-13	-19.18	-58.28	-44.42	1.46	13.70	H
	3701.68	-46.92	-13	-33.92	-59.99	-54.11	0.81	8.00	V
	5552.52	-43.42	-13	-30.42	-62.48	-53.41	1.01	11.00	V
	7403.36	-38.45	-13	-25.45	-61.91	-50.69	1.46	13.70	V
Middle	3746.68	-45.77	-13	-32.77	-58.54	-52.96	0.81	8.00	H
	5620.02	-40.66	-13	-27.66	-59.41	-50.65	1.01	11.00	H
	7493.36	-44.63	-13	-31.63	-66.80	-56.87	1.46	13.70	H
	3746.68	-45.71	-13	-32.71	-58.78	-52.90	0.81	8.00	V
	5620.02	-45.93	-13	-32.93	-64.99	-55.92	1.01	11.00	V
	7493.36	-45.05	-13	-32.05	-67.54	-57.29	1.46	13.70	V
Highest	3791.68	-46.65	-13	-33.65	-59.42	-53.84	0.81	8.00	H
	5687.52	-43.08	-13	-30.08	-61.83	-53.07	1.01	11.00	H
	7583.36	-44.42	-13	-31.42	-66.59	-56.66	1.46	13.70	H
	3791.68	-47.26	-13	-34.26	-60.33	-54.45	0.81	8.00	V
	5687.52	-48.15	-13	-35.15	-67.21	-58.14	1.01	11.00	V
	7583.36	-45.38	-13	-32.38	-67.87	-57.62	1.46	13.70	V

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



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702.18	-48.40	-13	-35.40	-61.17	-55.59	0.81	8.00	H
	5553.27	-40.82	-13	-27.82	-59.57	-50.81	1.01	11.00	H
	7404.36	-31.20	-13	-18.20	-57.83	-43.44	1.46	13.70	H
	3702.18	-47.32	-13	-34.32	-60.39	-54.51	0.81	8.00	V
	5553.27	-42.79	-13	-29.79	-61.85	-52.78	1.01	11.00	V
	7404.36	-37.92	-13	-24.92	-61.46	-50.16	1.46	13.70	V
Middle	3742.18	-45.06	-13	-32.06	-57.83	-52.25	0.81	8.00	H
	5613.27	-42.15	-13	-29.15	-60.90	-52.14	1.01	11.00	H
	7484.36	-44.60	-13	-31.60	-66.77	-56.84	1.46	13.70	H
	3742.18	-45.97	-13	-32.97	-59.04	-53.16	0.81	8.00	V
	5613.27	-46.83	-13	-33.83	-65.89	-56.82	1.01	11.00	V
	7484.36	-44.07	-13	-31.07	-66.56	-56.31	1.46	13.70	V
Highest	3782.18	-48.89	-13	-35.89	-61.66	-56.08	0.81	8.00	H
	5673.27	-40.15	-13	-27.15	-58.90	-50.14	1.01	11.00	H
	7564.36	-43.52	-13	-30.52	-65.69	-55.76	1.46	13.70	H
	3782.18	-48.83	-13	-35.83	-61.9	-56.02	0.81	8.00	V
	5673.27	-47.25	-13	-34.25	-66.31	-57.24	1.01	11.00	V
	7564.36	-44.01	-13	-31.01	-66.5	-56.25	1.46	13.70	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.32	-39.41	-13	-26.41	-52.11	-46.60	0.81	8.00	H
	5130.48	-50.51	-13	-37.51	-69.04	-59.56	0.95	10.00	H
	6840.64	-47.72	-13	-34.72	-69.06	-59.99	1.13	13.40	H
	3420.32	-38.26	-13	-25.26	-51.64	-50.05	0.81	12.60	V
	5130.48	-50.46	-13	-37.46	-69.09	-62.21	0.95	12.70	V
	6840.64	-48.09	-13	-35.09	-69.08	-58.66	1.13	11.70	V
Middle	3463.92	-46.47	-13	-33.47	-59.30	-53.66	0.81	8.00	H
	5195.88	-47.96	-13	-34.96	-66.49	-57.01	0.95	10.00	H
	6927.84	-26.79	-13	-13.79	-52.91	-39.06	1.13	13.40	H
	3463.92	-44.69	-13	-31.69	-58.03	-56.48	0.81	12.60	V
	5195.88	-48.54	-13	-35.54	-67.17	-60.29	0.95	12.70	V
	6927.84	-40.77	-13	-27.77	-61.76	-51.34	1.13	11.70	V
Highest	3507.52	-49.10	-13	-36.10	-61.93	-56.29	0.81	8.00	H
	5261.28	-48.37	-13	-35.37	-66.90	-57.42	0.95	10.00	H
	7015.04	-23.75	-13	-10.75	-50.43	-36.02	1.13	13.40	H
	3507.52	-49.32	-13	-36.32	-62.66	-61.11	0.81	12.60	V
	5261.28	-50.14	-13	-37.14	-68.77	-61.89	0.95	12.70	V
	7015.04	-33.64	-13	-20.64	-57.84	-44.21	1.13	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)
Lowest	3420.48	-43.24	-13	-30.24	-56.07	-50.43	0.81	8.00	H
	5130.72	-50.42	-13	-37.42	-68.95	-59.47	0.95	10.00	H
	6840.96	-24.98	-13	-11.98	-51.42	-37.25	1.13	13.40	H
	3420.48	-40.74	-13	-27.74	-54.08	-52.53	0.81	12.60	V
	5130.72	-50.56	-13	-37.56	-69.19	-62.31	0.95	12.70	V
	6840.96	-29.91	-13	-16.91	-55.86	-40.48	1.13	11.70	V
Middle	3462.48	-49.15	-13	-36.15	-61.98	-56.34	0.81	8.00	H
	5193.72	-45.75	-13	-32.75	-64.28	-54.80	0.95	10.00	H
	6924.96	-30.65	-13	-17.65	-55.80	-42.92	1.13	13.40	H
	3462.48	-46.84	-13	-33.84	-60.18	-58.63	0.81	12.60	V
	5193.72	-46.82	-13	-33.82	-65.45	-58.57	0.95	12.70	V
	6924.96	-38.27	-13	-25.27	-60.16	-48.84	1.13	11.70	V
Highest	3504.48	-51.38	-13	-38.38	-64.21	-58.57	0.81	8.00	H
	5256.72	-46.27	-13	-33.27	-64.80	-55.32	0.95	10.00	H
	7008.96	-26.10	-13	-13.10	-52.20	-38.37	1.13	13.40	H
	3504.48	-47.76	-13	-34.76	-61.1	-59.55	0.81	12.60	V
	5256.72	-50.02	-13	-37.02	-68.65	-61.77	0.95	12.70	V
	7008.96	-33.55	-13	-20.55	-57.81	-44.12	1.13	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)
Lowest	3420.68	-42.64	-13	-29.64	-55.47	-49.83	0.81	8.00	H
	5131.02	-50.07	-13	-37.07	-68.60	-59.12	0.95	10.00	H
	6841.36	-23.37	-13	-10.37	-50.15	-35.64	1.13	13.40	H
	3420.68	-41.32	-13	-28.32	-54.66	-53.11	0.81	12.60	V
	5131.02	-50.08	-13	-37.08	-68.71	-61.83	0.95	12.70	V
	6841.36	-30.43	-13	-17.43	-56.16	-41.00	1.13	11.70	V
Middle	3460.68	-50.06	-13	-37.06	-62.89	-57.25	0.81	8.00	H
	5191.02	-47.71	-13	-34.71	-66.24	-56.76	0.95	10.00	H
	6921.36	-30.18	-13	-17.18	-55.33	-42.45	1.13	13.40	H
	3460.68	-48.25	-13	-35.25	-61.59	-60.04	0.81	12.60	V
	5191.02	-45.48	-13	-32.48	-64.11	-57.23	0.95	12.70	V
	6921.36	-38.90	-13	-25.90	-60.86	-49.47	1.13	11.70	V
Highest	3500.68	-49.71	-13	-36.71	-62.54	-56.90	0.81	8.00	H
	5252	-49.03	-13	-36.03	-67.56	-58.08	0.95	10.00	H
	7001.36	-24.97	-13	-11.97	-51.41	-37.24	1.13	13.40	H
	3500.68	-47.97	-13	-34.97	-61.31	-59.76	0.81	12.60	V
	5252	-49.66	-13	-36.66	-68.29	-61.41	0.95	12.70	V
	7001.36	-28.44	-13	-15.44	-54.66	-39.01	1.13	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)
Lowest	3421.18	-39.87	-13	-26.87	-52.68	-47.06	0.81	8.00	H
	5131.77	-50.69	-13	-37.69	-69.22	-59.74	0.95	10.00	H
	6842.36	-20.88	-13	-7.88	-47.88	-33.15	1.13	13.40	H
	3421.18	-38.12	-13	-25.12	-51.48	-49.91	0.81	12.60	V
	5131.77	-50.22	-13	-37.22	-68.85	-61.97	0.95	12.70	V
	6842.36	-34.39	-13	-21.39	-58.27	-44.96	1.13	11.70	V
Middle	3456.18	-47.22	-13	-34.22	-60.05	-54.41	0.81	8.00	H
	5184.27	-45.10	-13	-32.10	-63.63	-54.15	0.95	10.00	H
	6912.36	-24.57	-13	-11.57	-51.08	-36.84	1.13	13.40	H
	3456.18	-47.02	-13	-34.02	-60.36	-58.81	0.81	12.60	V
	5184.27	-48.26	-13	-35.26	-66.89	-60.01	0.95	12.70	V
	6912.36	-39.00	-13	-26.00	-60.97	-49.57	1.13	11.70	V
Highest	3491.18	-48.43	-13	-35.43	-61.26	-55.62	0.81	8.00	H
	5236.77	-49.65	-13	-36.65	-68.18	-58.70	0.95	10.00	H
	6982.36	-21.31	-13	-8.31	-48.25	-33.58	1.13	13.40	H
	3491.18	-44.82	-13	-31.82	-58.16	-56.61	0.81	12.60	V
	5236.77	-49.92	-13	-36.92	-68.55	-61.67	0.95	12.70	V
	6982.36	-32.08	-13	-19.08	-56.98	-42.65	1.13	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)
Lowest	3421.68	-40.93	-13	-27.93	-53.76	-48.12	0.81	8.00	H
	5132.52	-50.25	-13	-37.25	-68.78	-59.30	0.95	10.00	H
	6843.36	-22.19	-13	-9.19	-49.00	-34.46	1.13	13.40	H
	3421.68	-40.66	-13	-27.66	-54	-52.45	0.81	12.60	V
	5132.52	-49.49	-13	-36.49	-68.12	-61.24	0.95	12.70	V
	6843.36	-30.03	-13	-17.03	-55.96	-40.60	1.13	11.70	V
Middle	3451.68	-50.81	-13	-37.81	-63.64	-58.00	0.81	8.00	H
	5177.52	-47.91	-13	-34.91	-66.44	-56.96	0.95	10.00	H
	6903.36	-26.23	-13	-13.23	-52.33	-38.50	1.13	13.40	H
	3451.68	-49.86	-13	-36.86	-63.2	-61.65	0.81	12.60	V
	5177.52	-46.61	-13	-33.61	-65.24	-58.36	0.95	12.70	V
	6903.36	-36.30	-13	-23.30	-59.39	-46.87	1.13	11.70	V
Highest	3481.68	-44.84	-13	-31.84	-57.67	-52.03	0.81	8.00	H
	5222.52	-49.08	-13	-36.08	-67.61	-58.13	0.95	10.00	H
	6963.36	-24.76	-13	-11.76	-51.24	-37.03	1.13	13.40	H
	3481.68	-42.00	-13	-29.00	-55.34	-53.79	0.81	12.60	V
	5222.52	-49.48	-13	-36.48	-68.11	-61.23	0.95	12.70	V
	6963.36	-32.40	-13	-19.40	-57.2	-42.97	1.13	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)
Lowest	3422.18	-40.95	-13	-27.95	-53.78	-48.14	0.81	8.00	H
	5133.27	-50.51	-13	-37.51	-69.04	-59.56	0.95	10.00	H
	6844.36	-22.26	-13	-9.26	-49.08	-34.53	1.13	13.40	H
	3422.18	-40.92	-13	-27.92	-54.26	-52.71	0.81	12.60	V
	5133.27	-50.06	-13	-37.06	-68.69	-61.81	0.95	12.70	V
	6844.36	-29.65	-13	-16.65	-55.62	-40.22	1.13	11.70	V
Middle	3447.18	-48.31	-13	-35.31	-61.14	-55.50	0.81	8.00	H
	5170.77	-46.91	-13	-33.91	-65.44	-55.96	0.95	10.00	H
	6894.36	-24.92	-13	-11.92	-51.37	-37.19	1.13	13.40	H
	3447.18	-48.20	-13	-35.20	-61.54	-59.99	0.81	12.60	V
	5170.77	-47.63	-13	-34.63	-66.26	-59.38	0.95	12.70	V
	6894.36	-35.10	-13	-22.10	-58.81	-45.67	1.13	11.70	V
Highest	3472.18	-44.66	-13	-31.66	-57.49	-51.85	0.81	8.00	H
	5208.27	-48.91	-13	-35.91	-67.44	-57.96	0.95	10.00	H
	6944.36	-27.05	-13	-14.05	-53.16	-39.32	1.13	13.40	H
	3472.18	-43.00	-13	-30.00	-56.34	-54.79	0.81	12.60	V
	5208.27	-49.58	-13	-36.58	-68.21	-61.33	0.95	12.70	V
	6944.36	-35.32	-13	-22.32	-58.93	-45.89	1.13	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)
Lowest	1649.92	-53.84	-13	-40.84	-68.07	-60.52	0.57	9.40	H
	2474.88	-49.77	-13	-36.77	-70.69	-57.47	0.75	10.60	H
	3299.84	-44.99	-13	-31.99	-70.92	-54.57	0.87	12.60	H
	1649.92	-54.46	-13	-41.46	-69.12	-61.14	0.57	9.40	V
	2474.88	-47.58	-13	-34.58	-70.86	-55.28	0.75	10.60	V
	3299.84	-42.85	-13	-29.85	-71.80	-52.43	0.87	12.60	V
Middle	1671.92	-54.33	-13	-41.33	-68.54	-61.01	0.57	9.40	H
	2507.88	-49.68	-13	-36.68	-70.60	-57.38	0.75	10.60	H
	3343.84	-47.78	-13	-34.78	-72.26	-57.36	0.87	12.60	H
	1671.92	-54.48	-13	-41.48	-69.14	-61.16	0.57	9.40	V
	2507.88	-46.63	-13	-33.63	-70.11	-54.33	0.75	10.60	V
	3343.84	-43.05	-13	-30.05	-71.97	-52.63	0.87	12.60	V
Highest	1695.52	-55.42	-13	-42.42	-69.63	-62.10	0.57	9.40	H
	2543.28	-49.58	-13	-36.58	-70.50	-57.28	0.75	10.60	H
	3391.04	-48.20	-13	-35.20	-72.57	-57.78	0.87	12.60	H
	1695.52	-54.66	-13	-41.66	-69.37	-61.34	0.57	9.40	V
	2543.28	-47.26	-13	-34.26	-70.63	-54.96	0.75	10.60	V
	3391.04	-43.62	-13	-30.62	-72.46	-53.20	0.87	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)
Lowest	1648.48	-54.92	-13	-41.92	-69.13	-61.60	0.57	9.40	H
	2472.72	-49.65	-13	-36.65	-70.57	-57.35	0.75	10.60	H
	3296.96	-47.90	-13	-34.90	-72.32	-57.48	0.87	12.60	H
	1648.48	-54.01	-13	-41.01	-68.57	-60.69	0.57	9.40	V
	2472.72	-47.15	-13	-34.15	-70.55	-54.85	0.75	10.60	V
	3296.96	-43.11	-13	-30.11	-72.02	-52.69	0.87	12.60	V
Middle	1670.48	-54.47	-13	-41.47	-68.68	-61.15	0.57	9.40	H
	2505.72	-49.21	-13	-36.21	-70.13	-56.91	0.75	10.60	H
	3340.96	-47.33	-13	-34.33	-72.03	-56.91	0.87	12.60	H
	1670.48	-54.86	-13	-41.86	-69.61	-61.54	0.57	9.40	V
	2505.72	-47.02	-13	-34.02	-70.46	-54.72	0.75	10.60	V
	3340.96	-42.58	-13	-29.58	-71.59	-52.16	0.87	12.60	V
Highest	1692.48	-55.04	-13	-42.04	-69.25	-61.72	0.57	9.40	H
	2538.72	-50.14	-13	-37.14	-70.99	-57.84	0.75	10.60	H
	3384.96	-48.12	-13	-35.12	-72.49	-57.70	0.87	12.60	H
	1692.48	-54.61	-13	-41.61	-69.30	-61.29	0.57	9.40	V
	2538.72	-47.00	-13	-34.00	-70.81	-54.70	0.75	10.60	V
	3384.96	-41.71	-13	-28.71	-71.08	-51.29	0.87	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)
Lowest	1648.68	-54.83	-13	-41.83	-69.04	-61.51	0.57	9.40	H
	2473.02	-49.62	-13	-36.62	-70.54	-57.32	0.75	10.60	H
	3297.36	-48.05	-13	-35.05	-72.42	-57.63	0.87	12.60	H
	1648.68	-54.10	-13	-41.10	-68.68	-60.78	0.57	9.40	V
	2473.02	-46.75	-13	-33.75	-70.22	-54.45	0.75	10.60	V
	3297.36	-43.29	-13	-30.29	-72.17	-52.87	0.87	12.60	V
Middle	1668.68	-55.10	-13	-42.10	-69.31	-61.78	0.57	9.40	H
	2503.02	-49.79	-13	-36.79	-70.71	-57.49	0.75	10.60	H
	3337.36	-46.48	-13	-33.48	-71.56	-56.06	0.87	12.60	H
	1668.68	-52.03	-13	-39.03	-67.17	-58.71	0.57	9.40	V
	2503.02	-46.82	-13	-33.82	-70.28	-54.52	0.75	10.60	V
	3337.36	-43.05	-13	-30.05	-71.97	-52.63	0.87	12.60	V
Highest	1688.68	-54.87	-13	-41.87	-69.08	-61.55	0.57	9.40	H
	2533.02	-49.55	-13	-36.55	-70.47	-57.25	0.75	10.60	H
	3377.36	-47.76	-13	-34.76	-72.25	-57.34	0.87	12.60	H
	1688.68	-54.34	-13	-41.34	-68.97	-61.02	0.57	9.40	V
	2533.02	-47.47	-13	-34.47	-70.78	-55.17	0.75	10.60	V
	3377.36	-43.37	-13	-30.37	-72.24	-52.95	0.87	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)
Lowest	1649.18	-54.61	-13	-41.61	-68.82	-61.29	0.57	9.40	H
	2473.77	-49.23	-13	-36.23	-70.15	-56.93	0.75	10.60	H
	3298.36	-46.60	-13	-33.60	-71.63	-56.18	0.87	12.60	H
	1649.18	-53.68	-13	-40.68	-68.40	-60.36	0.57	9.40	V
	2473.77	-46.26	-13	-33.26	-69.77	-53.96	0.75	10.60	V
	3298.36	-43.37	-13	-30.37	-72.24	-52.95	0.87	12.60	V
Middle	1664.18	-55.09	-13	-42.09	-69.30	-61.77	0.57	9.40	H
	2496.27	-49.15	-13	-36.15	-70.07	-56.85	0.75	10.60	H
	3328.36	-47.47	-13	-34.47	-72.10	-57.05	0.87	12.60	H
	1664.18	-54.52	-13	-41.52	-69.20	-61.20	0.57	9.40	V
	2496.27	-46.91	-13	-33.91	-70.36	-54.61	0.75	10.60	V
	3328.36	-43.65	-13	-30.65	-72.48	-53.23	0.87	12.60	V
Highest	1679.18	-54.96	-13	-41.96	-69.17	-61.64	0.57	9.40	H
	2518.77	-48.12	-13	-35.12	-69.47	-55.82	0.75	10.60	H
	3358.36	-47.96	-13	-34.96	-72.35	-57.54	0.87	12.60	H
	1679.18	-54.97	-13	-41.97	-69.75	-61.65	0.57	9.40	V
	2518.77	-47.02	-13	-34.02	-70.46	-54.72	0.75	10.60	V
	3358.36	-43.05	-13	-30.05	-71.97	-52.63	0.87	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)
Lowest	5000.68	-43.68	-25	-18.68	-61.31	-52.73	0.95	10.00	H
	7501.02	-37.79	-25	-12.79	-63.41	-50.03	1.46	13.70	H
	10001.36	-43.21	-25	-18.21	-70.76	-55.10	1.31	13.20	H
	5000.68	-46.25	-25	-21.25	-64.15	-55.30	0.95	10.00	V
	7501.02	-40.80	-25	-15.80	-65.13	-53.04	1.46	13.70	V
	10001.36	-45.38	-25	-20.38	-71.86	-57.27	1.31	13.20	V
Middle	5065.68	-43.60	-25	-18.60	-61.23	-52.65	0.95	10.00	H
	7598.52	-37.52	-25	-12.52	-63.14	-49.76	1.46	13.70	H
	10131.36	-44.36	-25	-19.36	-71.91	-56.25	1.31	13.20	H
	5065.68	-47.56	-25	-22.56	-65.46	-56.61	0.95	10.00	V
	7598.52	-40.03	-25	-15.03	-64.36	-52.27	1.46	13.70	V
	10131.36	-45.76	-25	-20.76	-72.24	-57.65	1.31	13.20	V
Highest	5130.68	-43.75	-25	-18.75	-61.38	-52.80	0.95	10.00	H
	7696.02	-40.58	-25	-15.58	-66.20	-52.82	1.46	13.70	H
	10261.36	-43.87	-25	-18.87	-71.42	-55.76	1.31	13.20	H
	5130.68	-46.73	-25	-21.73	-64.63	-55.78	0.95	10.00	V
	7696.02	-42.60	-25	-17.60	-66.93	-54.84	1.46	13.70	V
	10261.36	-46.01	-25	-21.01	-72.49	-57.90	1.31	13.20	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.18	-44.32	-25	-19.32	-61.95	-53.37	0.95	10.00	H
	7501.77	-37.63	-25	-12.63	-63.25	-49.87	1.46	13.70	H
	10002.36	-43.35	-25	-18.35	-70.90	-55.24	1.31	13.20	H
	5001.18	-46.15	-25	-21.15	-64.05	-55.20	0.95	10.00	V
	7501.77	-40.06	-25	-15.06	-64.39	-52.30	1.46	13.70	V
	10002.36	-45.35	-25	-20.35	-71.83	-57.24	1.31	13.20	V
Middle	5061.18	-43.49	-25	-18.49	-61.12	-52.54	0.95	10.00	H
	7591.77	-38.76	-25	-13.76	-64.38	-51.00	1.46	13.70	H
	10122.36	-43.49	-25	-18.49	-71.04	-55.38	1.31	13.20	H
	5061.18	-47.30	-25	-22.30	-65.2	-56.35	0.95	10.00	V
	7591.77	-42.28	-25	-17.28	-66.61	-54.52	1.46	13.70	V
	10122.36	-45.63	-25	-20.63	-72.11	-57.52	1.31	13.20	V
Highest	5121.18	-43.84	-25	-18.84	-61.47	-52.89	0.95	10.00	H
	7681.77	-41.54	-25	-16.54	-67.16	-53.78	1.46	13.70	H
	10242.36	-44.22	-25	-19.22	-71.77	-56.11	1.31	13.20	H
	5121.18	-46.42	-25	-21.42	-64.32	-55.47	0.95	10.00	V
	7681.77	-44.91	-25	-19.91	-69.24	-57.15	1.46	13.70	V
	10242.36	-46.08	-25	-21.08	-72.56	-57.97	1.31	13.20	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.68	-44.13	-25	-19.13	-61.76	-53.18	0.95	10.00	H
	7502.52	-37.43	-25	-12.43	-63.05	-49.67	1.46	13.70	H
	10003.36	-42.90	-25	-17.90	-70.45	-54.79	1.31	13.20	H
	5001.68	-46.07	-25	-21.07	-63.97	-55.12	0.95	10.00	V
	7502.52	-40.85	-25	-15.85	-65.18	-53.09	1.46	13.70	V
	10003.36	-45.90	-25	-20.90	-72.38	-57.79	1.31	13.20	V
Middle	5056.68	-43.02	-25	-18.02	-60.65	-52.07	0.95	10.00	H
	7585.02	-42.01	-25	-17.01	-67.63	-54.25	1.46	13.70	H
	10131.36	-44.51	-25	-19.51	-72.06	-56.40	1.31	13.20	H
	5056.68	-46.49	-25	-21.49	-64.39	-55.54	0.95	10.00	V
	7585.02	-43.61	-25	-18.61	-67.94	-55.85	1.46	13.70	V
	10131.36	-45.99	-25	-20.99	-72.47	-57.88	1.31	13.20	V
Highest	5111.68	-43.88	-25	-18.88	-61.51	-52.93	0.95	10.00	H
	7667.52	-42.73	-25	-17.73	-68.35	-54.97	1.46	13.70	H
	10223.36	-44.19	-25	-19.19	-71.74	-56.08	1.31	13.20	H
	5111.68	-47.24	-25	-22.24	-65.14	-56.29	0.95	10.00	V
	7667.52	-45.13	-25	-20.13	-69.46	-57.37	1.46	13.70	V
	10223.36	-46.68	-25	-21.68	-73.16	-58.57	1.31	13.20	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-43.64	-25	-18.64	-61.27	-52.69	0.95	10.00	H
	7503.27	-36.85	-25	-11.85	-62.47	-49.09	1.46	13.70	H
	10004.36	-43.04	-25	-18.04	-70.59	-54.93	1.31	13.20	H
	5002.18	-45.98	-25	-20.98	-63.88	-55.03	0.95	10.00	V
	7503.27	-40.74	-25	-15.74	-65.07	-52.98	1.46	13.70	V
	10004.36	-45.19	-25	-20.19	-71.67	-57.08	1.31	13.20	V
Middle	5052.18	-43.19	-25	-18.19	-60.82	-52.24	0.95	10.00	H
	7578.27	-42.13	-25	-17.13	-67.75	-54.37	1.46	13.70	H
	10104.36	-44.61	-25	-19.61	-72.16	-56.50	1.31	13.20	H
	5052.18	-47.61	-25	-22.61	-65.51	-56.66	0.95	10.00	V
	7578.27	-45.08	-25	-20.08	-69.41	-57.32	1.46	13.70	V
	10104.36	-44.86	-25	-19.86	-71.34	-56.75	1.31	13.20	V
Highest	5102.18	-44.77	-25	-19.77	-62.40	-53.82	0.95	10.00	H
	7653.27	-39.85	-25	-14.85	-65.47	-52.09	1.46	13.70	H
	10204.36	-43.72	-25	-18.72	-71.27	-55.61	1.31	13.20	H
	5102.18	-48.09	-25	-23.09	-65.99	-57.14	0.95	10.00	V
	7653.27	-42.53	-25	-17.53	-66.86	-54.77	1.46	13.70	V
	10204.36	-45.89	-25	-20.89	-72.37	-57.78	1.31	13.20	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-43.05	-13	-30.05	-47.60	-46.87	0.53	6.50	H
	2097.21	-47.23	-13	-34.23	-53.48	-50.10	0.68	5.70	H
	2796.28	-55.33	-13	-42.33	-65.35	-60.37	0.81	8.00	H
	1399	-43.28	-13	-30.28	-48.88	-47.10	0.53	6.50	V
	2097.21	-47.25	-13	-34.25	-53.34	-50.12	0.68	5.70	V
	2796.28	-57.32	-13	-44.32	-66.33	-62.36	0.81	8.00	V
Middle	1414	-45.52	-13	-32.52	-49.73	-49.34	0.53	6.50	H
	2120.61	-52.18	-13	-39.18	-57.60	-55.05	0.68	5.70	H
	2827.48	-55.93	-13	-42.93	-65.95	-60.97	0.81	8.00	H
	1414	-46.27	-13	-33.27	-51.56	-50.09	0.53	6.50	V
	2120.61	-52.22	-13	-39.22	-56.79	-55.09	0.68	5.70	V
	2827.48	-57.49	-13	-44.49	-66.50	-62.53	0.81	8.00	V
Highest	1429	-47.83	-13	-34.83	-51.61	-51.65	0.53	6.50	H
	2144.01	-53.23	-13	-40.23	-58.65	-56.10	0.68	5.70	H
	2858.68	-56.19	-13	-43.19	-66.21	-61.23	0.81	8.00	H
	1429	-48.29	-13	-35.29	-52.97	-52.11	0.53	6.50	V
	2144.01	-54.33	-13	-41.33	-58.65	-57.20	0.68	5.70	V
	2858.68	-56.36	-13	-43.36	-65.37	-61.40	0.81	8.00	V

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



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-43.71	-13	-30.71	-47.95	-47.53	0.53	6.50	H
	2097.45	-46.68	-13	-33.68	-52.97	-49.55	0.68	5.70	H
	2796.6	-56.39	-13	-43.39	-66.41	-61.43	0.81	8.00	H
	1399	-43.47	-13	-30.47	-49.07	-47.29	0.53	6.50	V
	2097.45	-47.25	-13	-34.25	-53.34	-50.12	0.68	5.70	V
	2796.6	-57.04	-13	-44.04	-66.05	-62.08	0.81	8.00	V
Middle	1411	-47.47	-13	-34.47	-51.38	-51.29	0.53	6.50	H
	2118.45	-52.29	-13	-39.29	-57.71	-55.16	0.68	5.70	H
	2824.6	-55.93	-13	-42.93	-65.95	-60.97	0.81	8.00	H
	1411	-48.04	-13	-35.04	-52.75	-51.86	0.53	6.50	V
	2118.45	-51.46	-13	-38.46	-56.19	-54.33	0.68	5.70	V
	2824.6	-57.27	-13	-44.27	-66.28	-62.31	0.81	8.00	V
Highest	1426	-46.15	-13	-33.15	-50.32	-49.97	0.53	6.50	H
	2139.45	-51.98	-13	-38.98	-57.40	-54.85	0.68	5.70	H
	2852.6	-56.36	-13	-43.36	-66.38	-61.40	0.81	8.00	H
	1426	-46.23	-13	-33.23	-51.53	-50.05	0.53	6.50	V
	2139.45	-52.76	-13	-39.76	-57.16	-55.63	0.68	5.70	V
	2852.6	-57.48	-13	-44.48	-66.49	-62.52	0.81	8.00	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-43.28	-13	-30.28	-47.72	-47.10	0.53	6.50	H
	2097.75	-47.65	-13	-34.65	-53.88	-50.52	0.68	5.70	H
	2797	-54.31	-13	-41.31	-64.33	-59.35	0.81	8.00	H
	1399	-42.95	-13	-29.95	-48.56	-46.77	0.53	6.50	V
	2097.75	-47.22	-13	-34.22	-53.32	-50.09	0.68	5.70	V
	2797	-56.53	-13	-43.53	-65.54	-61.57	0.81	8.00	V
Middle	1411	-50.60	-13	-37.60	-53.78	-54.42	0.53	6.50	H
	2116	-50.22	-13	-37.22	-55.64	-53.09	0.68	5.70	H
	2821	-56.00	-13	-43.00	-66.02	-61.04	0.81	8.00	H
	1411	-50.88	-13	-37.88	-55.14	-54.70	0.53	6.50	V
	2116	-47.88	-13	-34.88	-53.79	-50.75	0.68	5.70	V
	2821	-56.27	-13	-43.27	-65.28	-61.31	0.81	8.00	V
Highest	1423	-42.68	-13	-29.68	-47.27	-46.50	0.53	6.50	H
	2133.75	-51.23	-13	-38.23	-56.57	-54.10	0.68	5.70	H
	2845	-55.65	-13	-42.65	-65.67	-60.69	0.81	8.00	H
	1423	-42.74	-13	-29.74	-48.42	-46.56	0.53	6.50	V
	2133.75	-49.98	-13	-36.98	-54.95	-52.85	0.68	5.70	V
	2845	-56.85	-13	-43.85	-65.86	-61.89	0.81	8.00	V

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LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-43.75	-13	-30.75	-47.97	-47.57	0.53	6.50	H
	2098.5	-47.79	-13	-34.79	-54.02	-50.66	0.68	5.70	H
	2798	-56.44	-13	-43.44	-66.46	-61.48	0.81	8.00	H
	1399	-42.84	-13	-29.84	-48.49	-46.66	0.53	6.50	V
	2098.5	-49.20	-13	-36.20	-54.57	-52.07	0.68	5.70	V
	2798	-49.20	-13	-36.20	-65.98	-54.24	0.81	8.00	V
Middle	1405	-47.92	-13	-34.92	-51.67	-51.74	0.53	6.50	H
	2110	-46.60	-13	-33.60	-52.90	-49.47	0.68	5.70	H
	2812	-56.40	-13	-43.40	-66.42	-61.44	0.81	8.00	H
	1405	-48.11	-13	-35.11	-52.81	-51.93	0.53	6.50	V
	2110	-47.54	-13	-34.54	-53.55	-50.41	0.68	5.70	V
	2812	-57.15	-13	-44.15	-66.16	-62.19	0.81	8.00	V
Highest	1413	-46.10	-13	-33.10	-50.27	-49.92	0.53	6.50	H
	2119.5	-50.12	-13	-37.12	-55.56	-52.99	0.68	5.70	H
	2826	-55.85	-13	-42.85	-65.87	-60.89	0.81	8.00	H
	1413	-49.45	-13	-36.45	-53.89	-53.27	0.53	6.50	V
	2119.5	-47.93	-13	-34.93	-53.82	-50.80	0.68	5.70	V
	2826	-57.37	-13	-44.37	-66.38	-62.41	0.81	8.00	V

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LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408.68	-50.95	-13	-37.95	-54.07	-54.77	0.53	6.50	H
	2113.02	-47.25	-13	-34.25	-53.50	-50.12	0.68	5.70	H
	2817.36	-55.17	-13	-42.17	-65.19	-60.21	0.81	8.00	H
	1408.68	-55.05	-13	-42.05	-57.96	-58.87	0.53	6.50	V
	2113.02	-48.71	-13	-35.71	-54.30	-51.58	0.68	5.70	V
	2817.36	-56.48	-13	-43.48	-65.49	-61.52	0.81	8.00	V
Middle	1415.68	-45.62	-13	-32.62	-49.83	-49.44	0.53	6.50	H
	2123.52	-45.60	-13	-32.60	-52.15	-48.47	0.68	5.70	H
	2831.36	-54.87	-13	-41.87	-64.89	-59.91	0.81	8.00	H
	1415.68	-50.26	-13	-37.26	-54.51	-54.08	0.53	6.50	V
	2123.52	-49.95	-13	-36.95	-54.94	-52.82	0.68	5.70	V
	2831.36	-55.99	-13	-42.99	-65.00	-61.03	0.81	8.00	V
Highest	1422.68	-44.19	-13	-31.19	-48.32	-48.01	0.53	6.50	H
	2134.02	-48.01	-13	-35.01	-54.23	-50.88	0.68	5.70	H
	2845.36	-55.03	-13	-42.03	-65.05	-60.07	0.81	8.00	H
	1422.68	-49.20	-13	-36.20	-53.73	-53.02	0.53	6.50	V
	2134.02	-52.05	-13	-39.05	-56.68	-54.92	0.68	5.70	V
	2845.36	-56.26	-13	-43.26	-65.27	-61.30	0.81	8.00	V

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LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1409.18	-51.46	-13	-38.46	-54.56	-55.28	0.53	6.50	H
	2113.77	-47.07	-13	-34.07	-53.32	-49.94	0.68	5.70	H
	2818.36	-55.55	-13	-42.55	-65.57	-60.59	0.81	8.00	H
	1409.18	-54.33	-13	-41.33	-57.50	-58.15	0.53	6.50	V
	2113.77	-49.04	-13	-36.04	-54.49	-51.91	0.68	5.70	V
	2818.36	-56.42	-13	-43.42	-65.43	-61.46	0.81	8.00	V
Middle	1411.18	-50.41	-13	-37.41	-53.62	-54.23	0.53	6.50	H
	2116.77	-47.54	-13	-34.54	-53.78	-50.41	0.68	5.70	H
	2822.36	-55.35	-13	-42.35	-65.37	-60.39	0.81	8.00	H
	1411.18	-53.46	-13	-40.46	-56.79	-57.28	0.53	6.50	V
	2116.77	-50.97	-13	-37.97	-55.78	-53.84	0.68	5.70	V
	2822.36	-56.25	-13	-43.25	-65.26	-61.29	0.81	8.00	V
Highest	1413.18	-47.03	-13	-34.03	-51.09	-50.85	0.53	6.50	H
	2119.77	-46.80	-13	-33.80	-53.08	-49.67	0.68	5.70	H
	2826.36	-54.87	-13	-41.87	-64.89	-59.91	0.81	8.00	H
	1413.18	-52.53	-13	-39.53	-56.00	-56.35	0.53	6.50	V
	2119.77	-49.89	-13	-36.89	-54.91	-52.76	0.68	5.70	V
	2826.36	-56.56	-13	-43.56	-65.57	-61.60	0.81	8.00	V

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