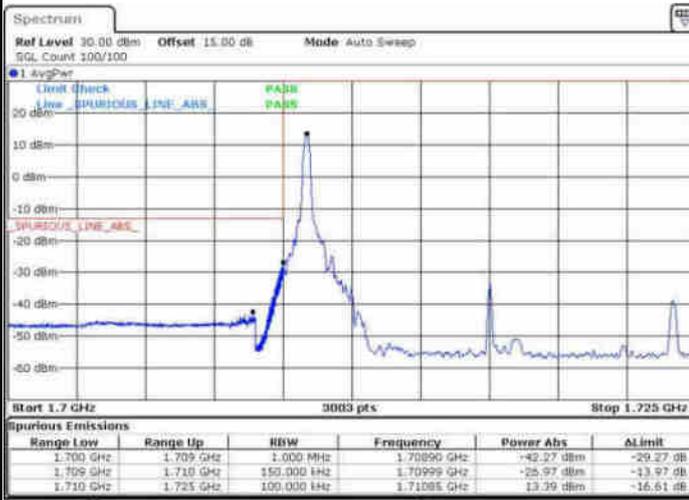




LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



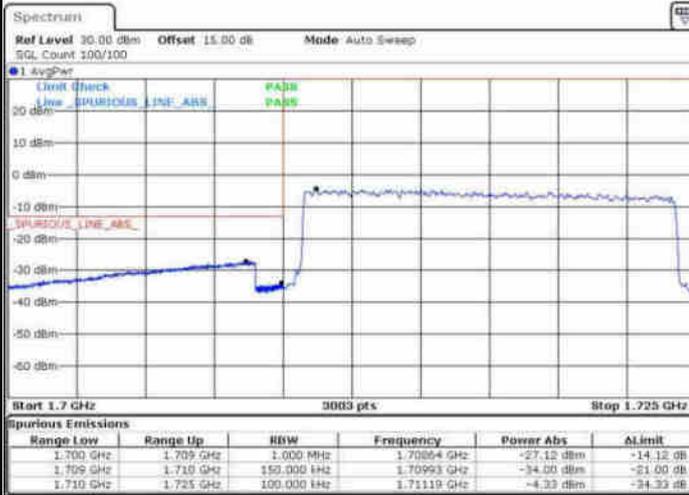
Date: 6. JAN. 2016 14:51:49

Highest Band Edge / 1 RB



Date: 6. JAN. 2016 14:51:43

Lowest Band Edge / Full RB



Date: 6. JAN. 2016 14:52:10

Highest Band Edge / Full RB

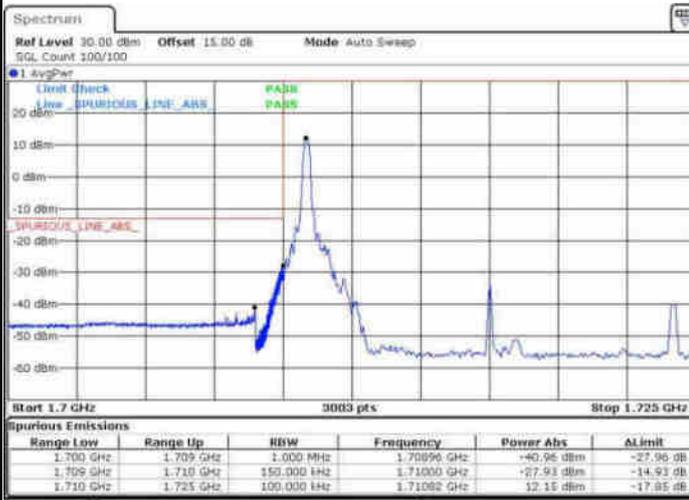


Date: 6. JAN. 2016 14:52:04



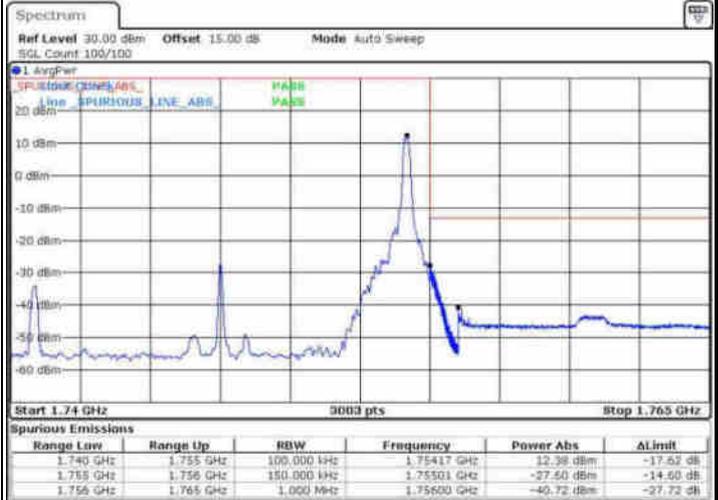
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



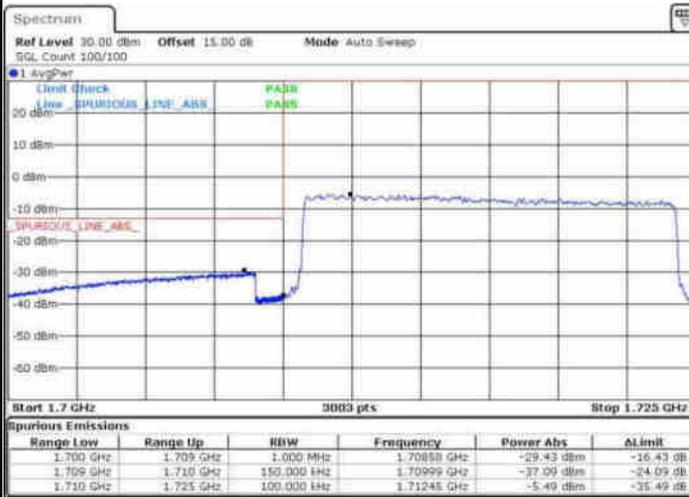
Date: 6. JAN. 2016 14:53:08

Highest Band Edge / 1 RB



Date: 6. JAN. 2016 14:42:53

Lowest Band Edge / Full RB



Date: 6. JAN. 2016 14:55:20

Highest Band Edge / Full RB

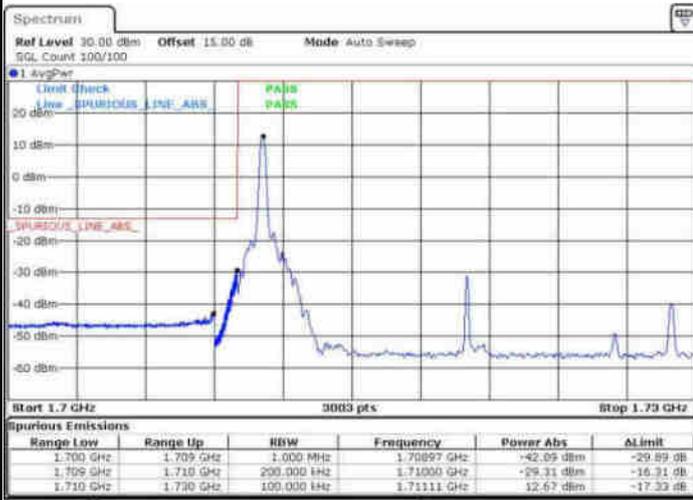


Date: 6. JAN. 2016 14:45:16



LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



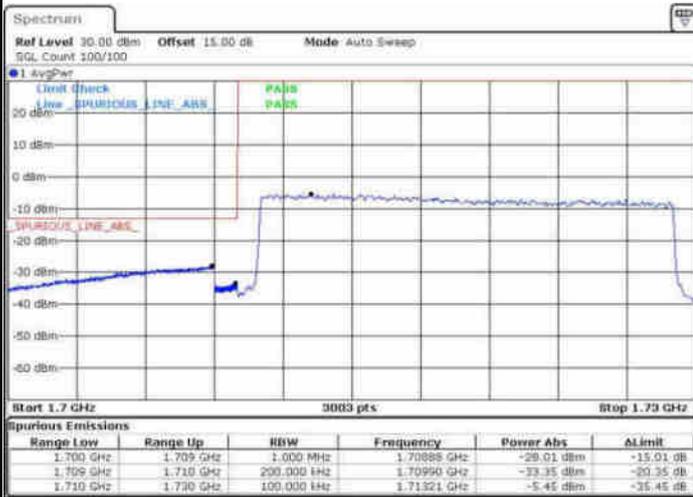
Date: 6 JAN 2016 14:49:15

Highest Band Edge / 1 RB



Date: 6 JAN 2016 14:50:53

Lowest Band Edge / Full RB



Date: 6 JAN 2016 14:51:20

Highest Band Edge / Full RB

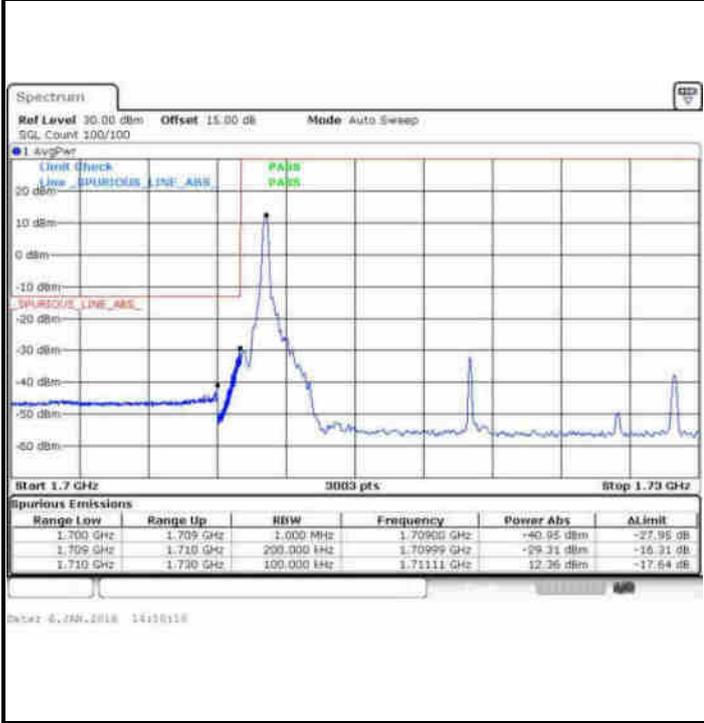


Date: 6 JAN 2016 15:01:13

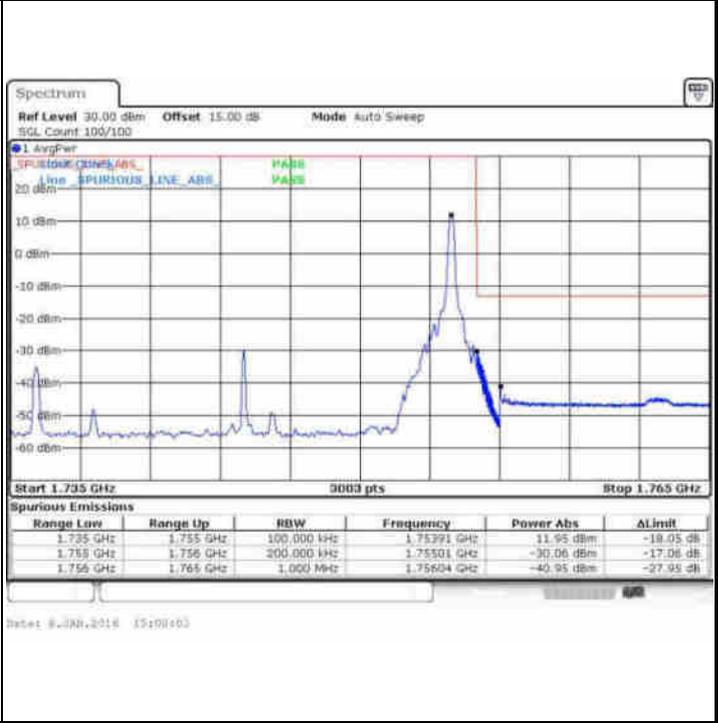


LTE Band 4 / 20MHz / 16QAM

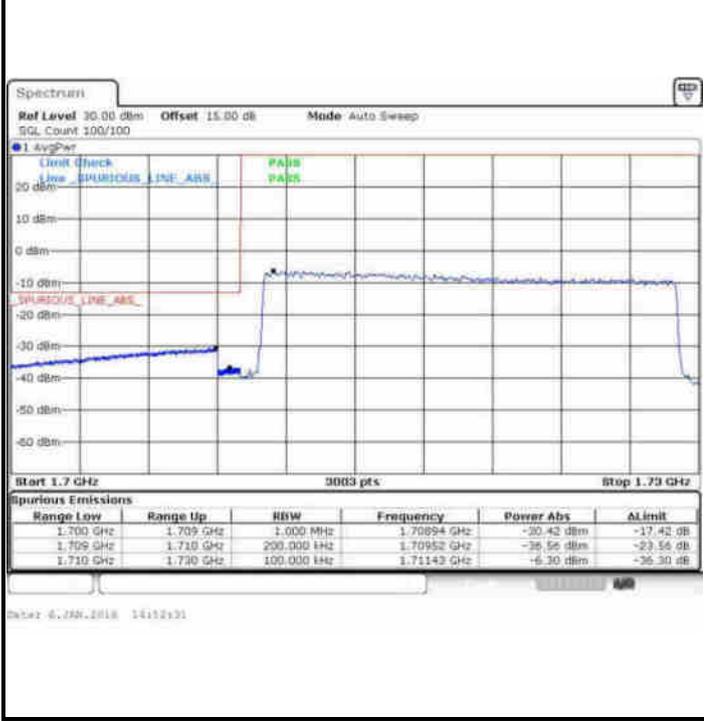
Lowest Band Edge / 1 RB



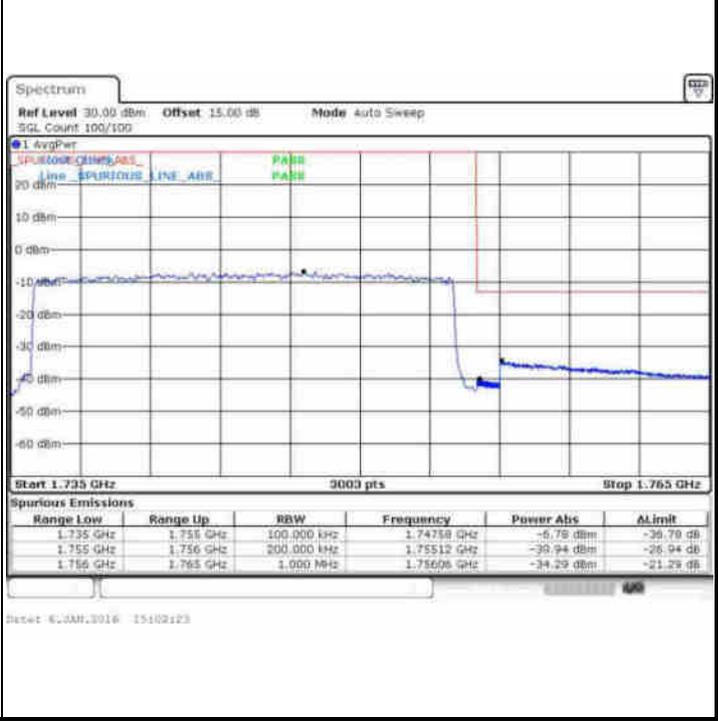
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



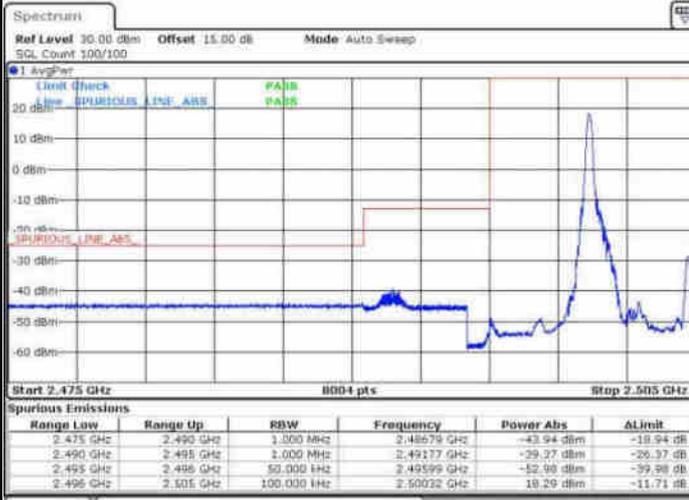
Highest Band Edge / Full RB



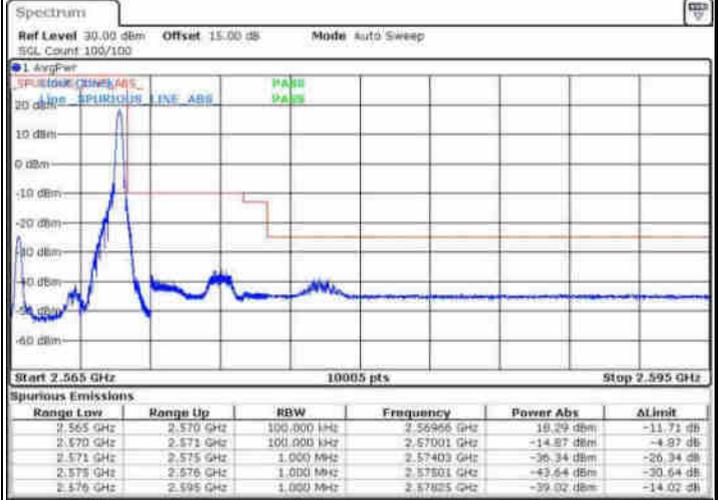


LTE Band 7 / 5MHz / QPSK

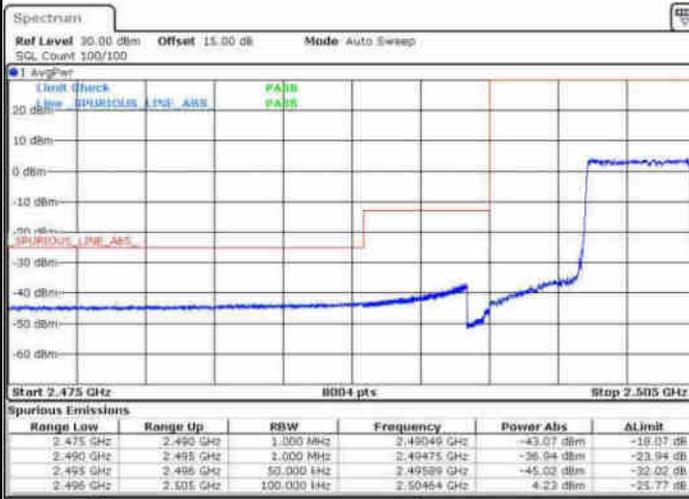
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



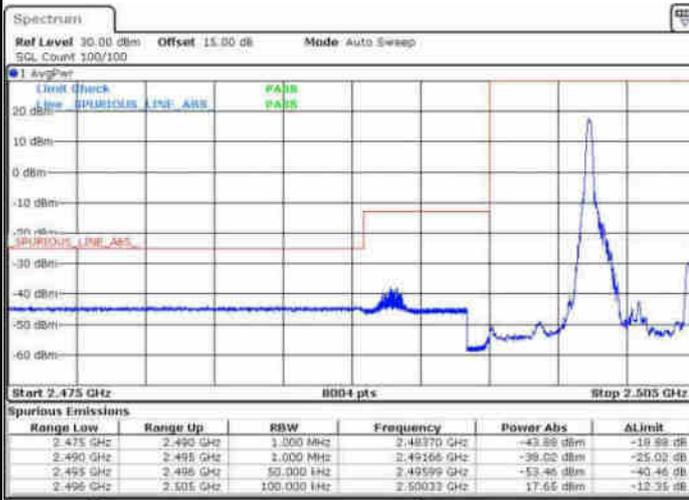
Highest Band Edge / Full RB



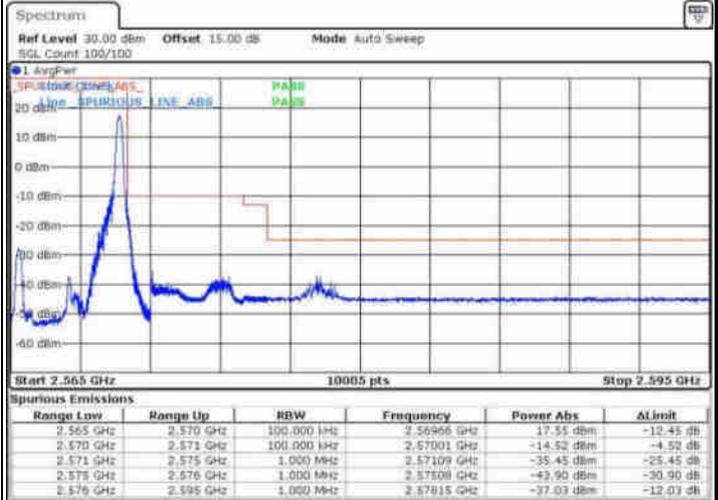


LTE Band 7 / 5MHz / 16QAM

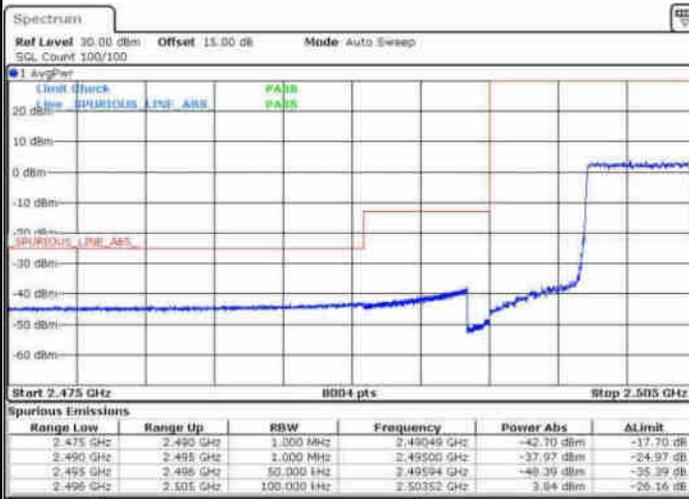
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



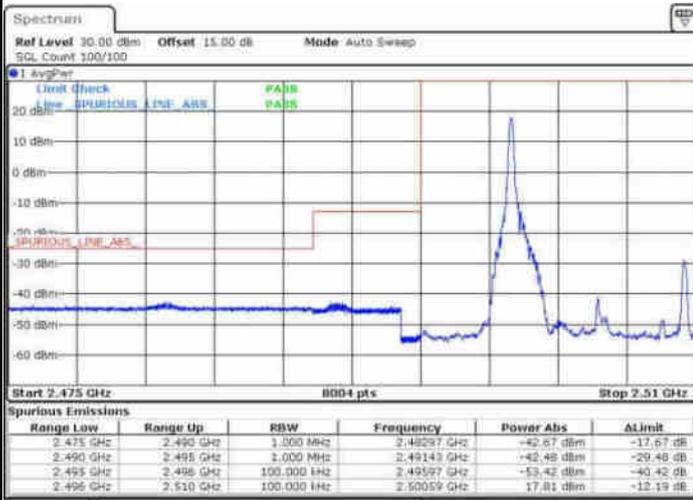
Highest Band Edge / Full RB



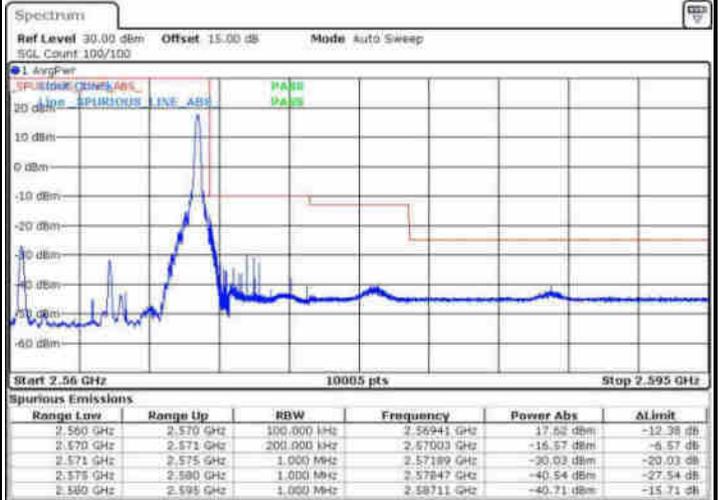


LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



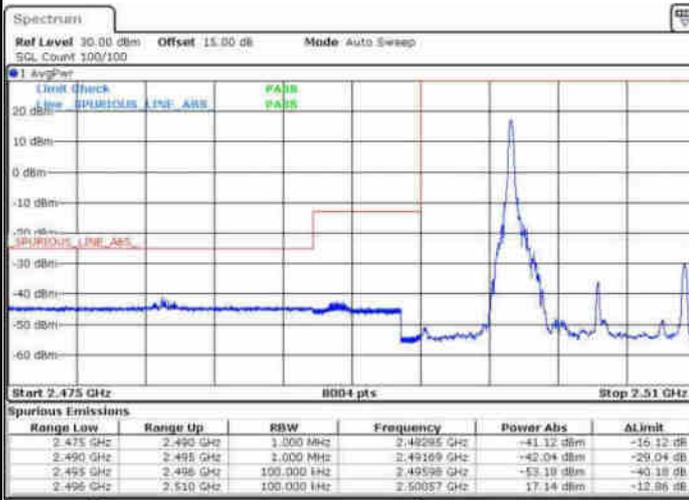
Highest Band Edge / Full RB





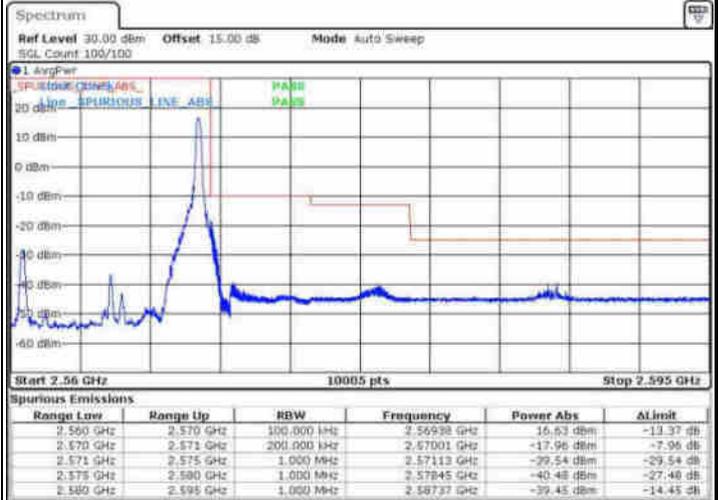
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



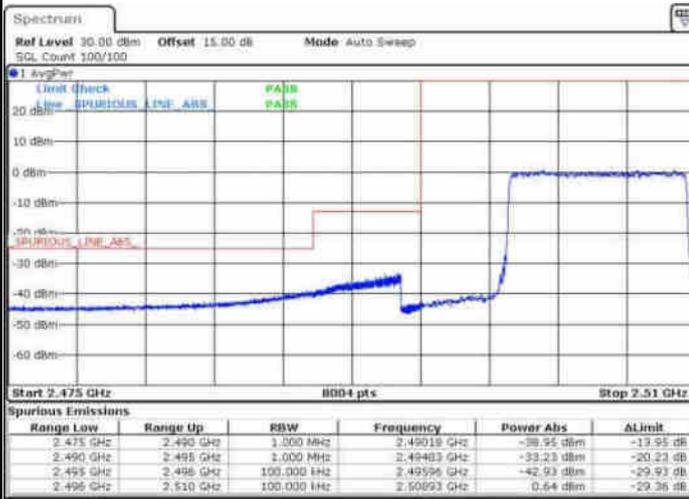
Date: 5.22N.2016 14:48:10

Highest Band Edge / 1 RB



Date: 5.22N.2016 14:47:44

Lowest Band Edge / Full RB



Date: 5.22N.2016 14:18:12

Highest Band Edge / Full RB

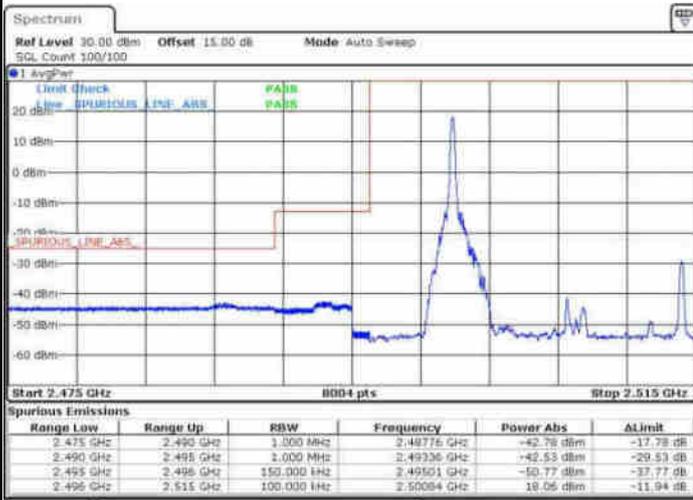


Date: 5.22N.2016 15:10:05

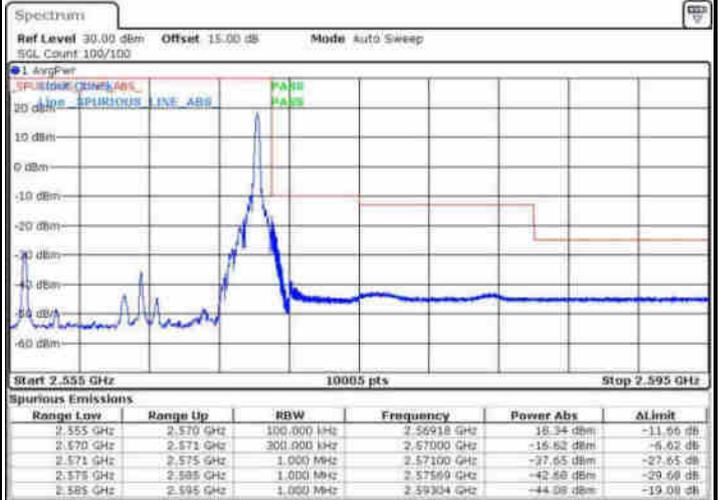


LTE Band 7 / 15MHz / QPSK

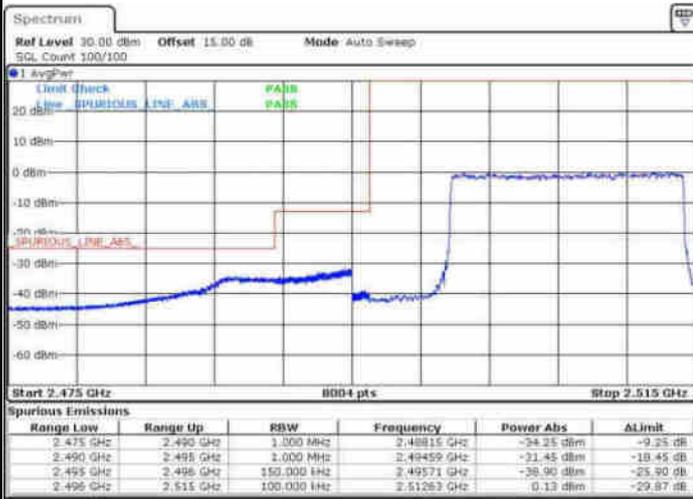
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



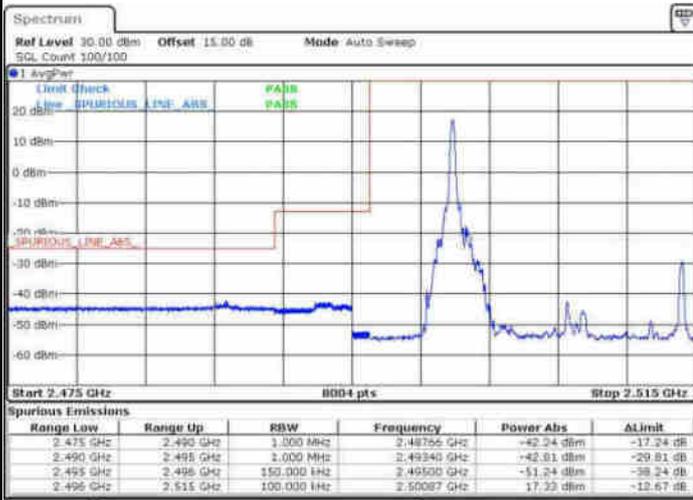
Highest Band Edge / Full RB



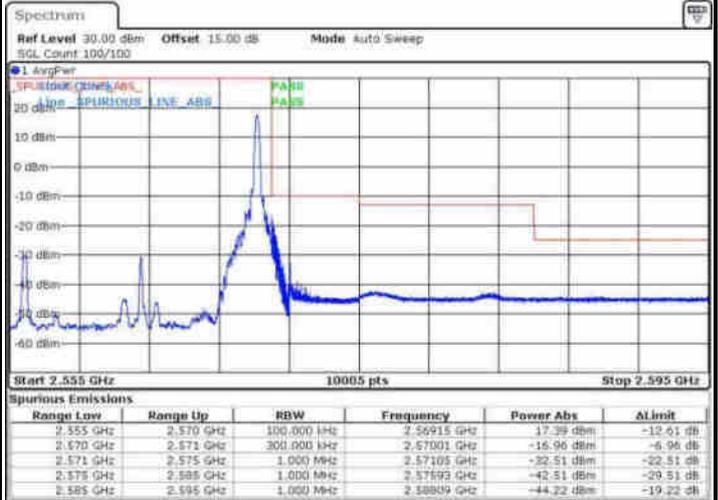


LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



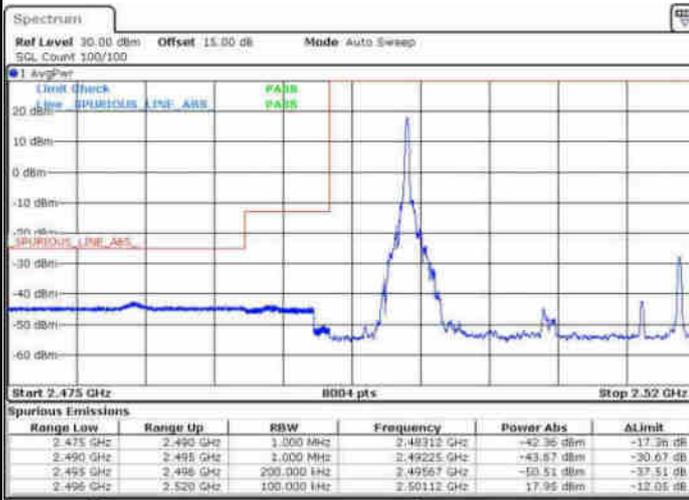
Highest Band Edge / Full RB



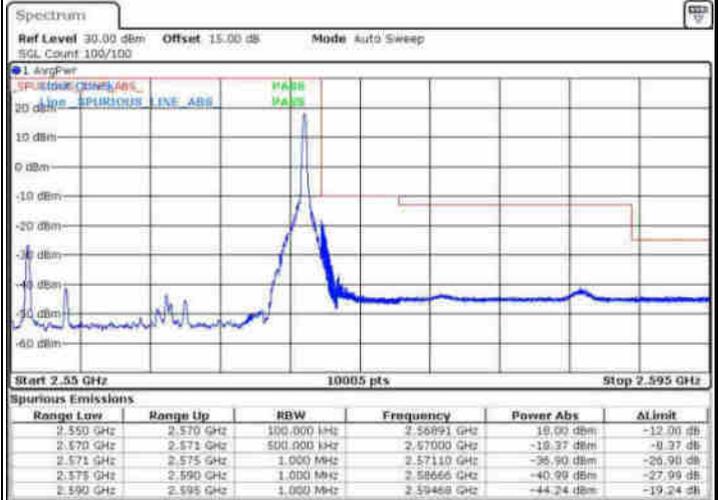


LTE Band 7 / 20MHz / QPSK

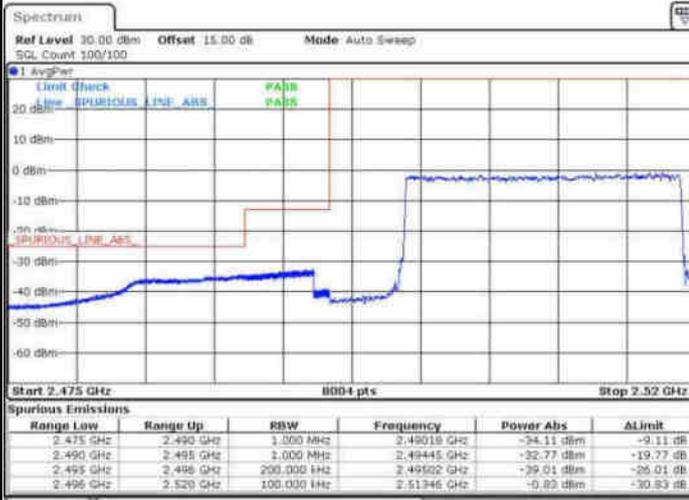
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



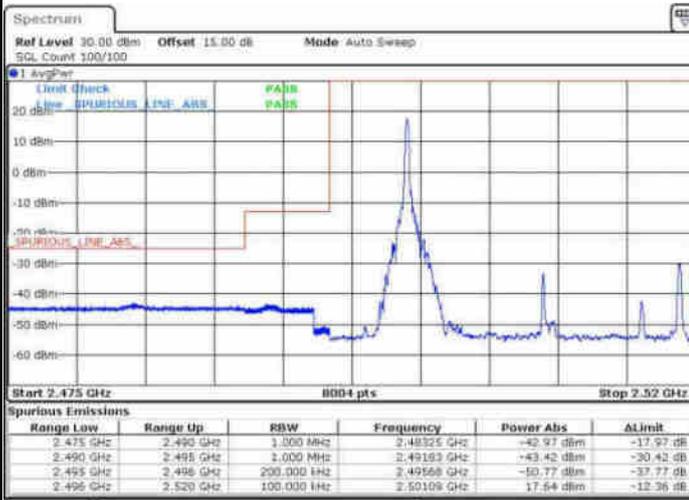
Highest Band Edge / Full RB



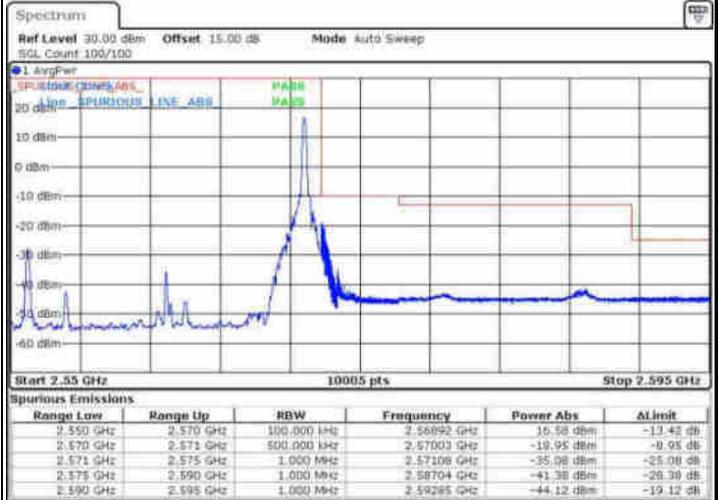


LTE Band 7 / 20MHz / 16QAM

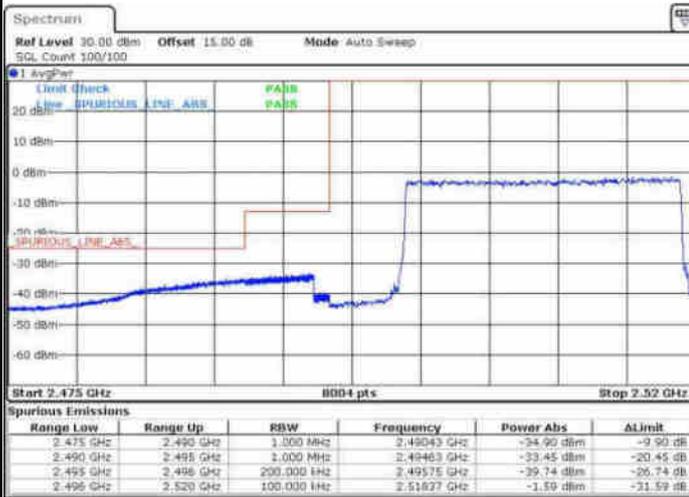
Lowest Band Edge / 1 RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





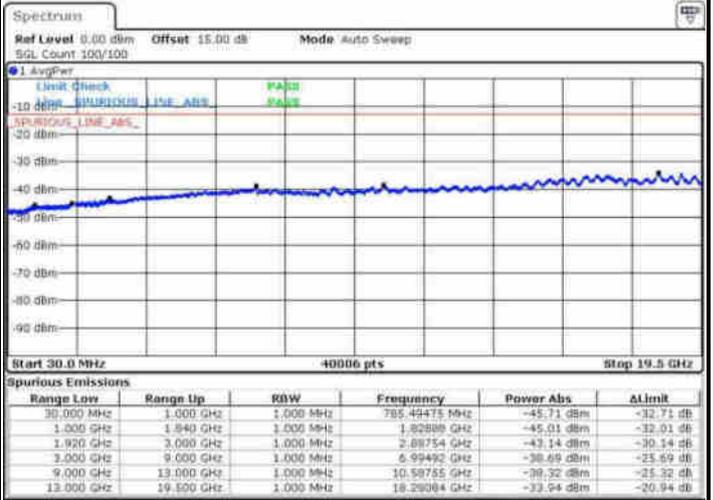
Conducted Spurious Emission

LTE Band 2 / 1.4MHz

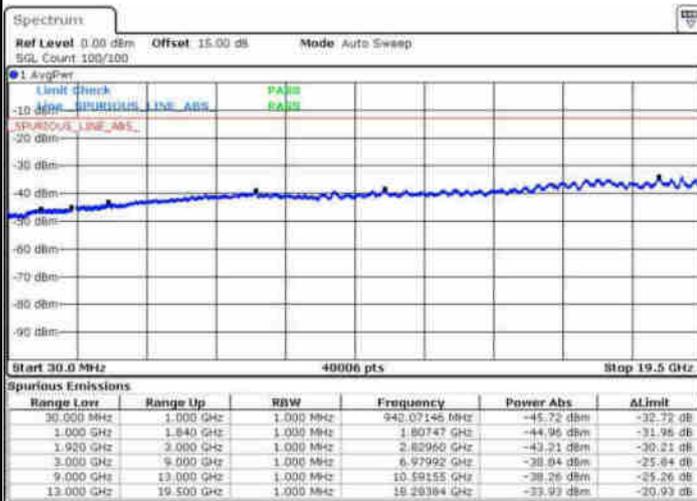
Lowest Channel / QPSK



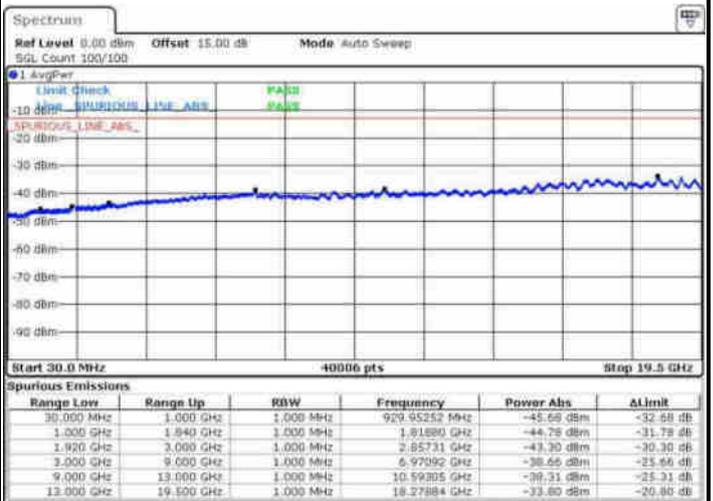
Lowest Channel / 16QAM



Middle Channel / QPSK



Middle Channel / 16QAM





LTE Band 2 / 1.4MHz

Highest Channel / QPSK

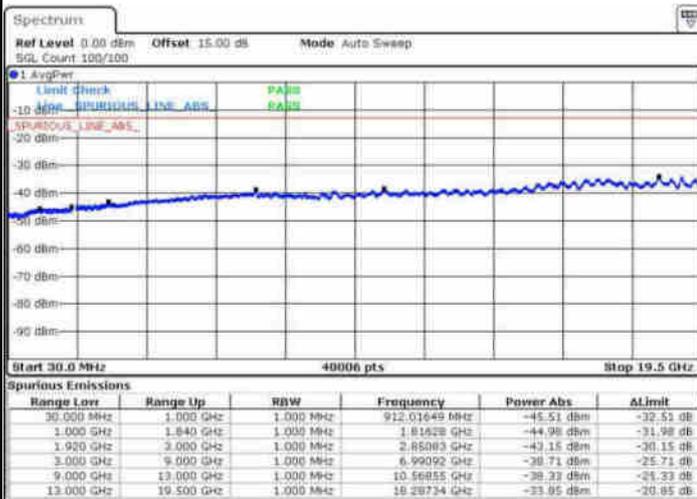


Highest Channel / 16QAM

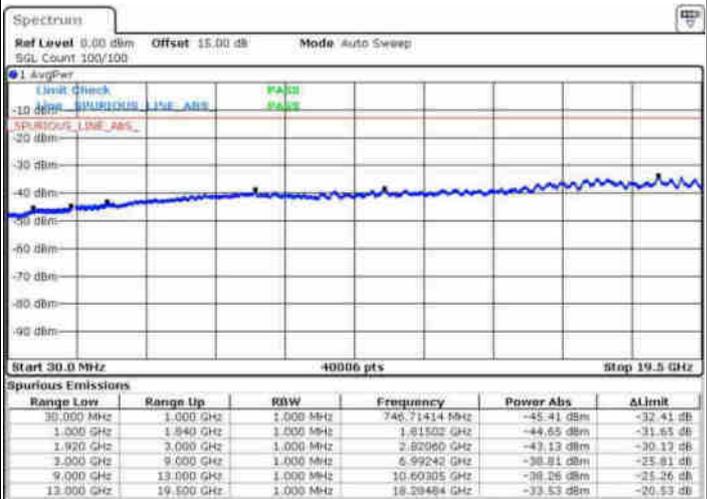


LTE Band 2 / 3MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

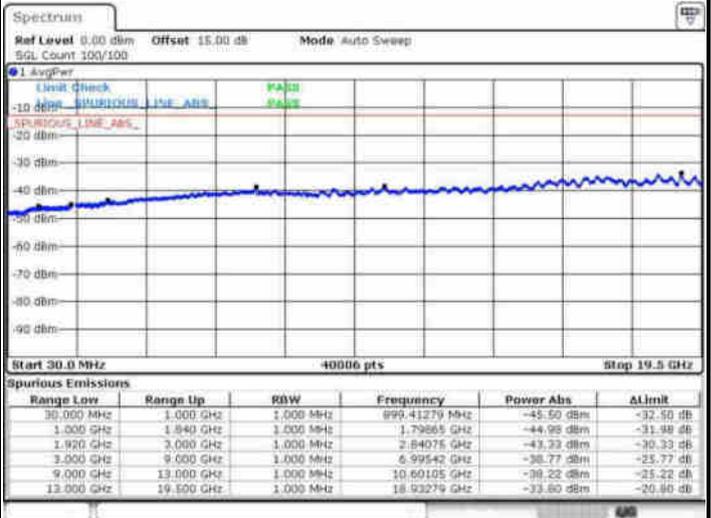
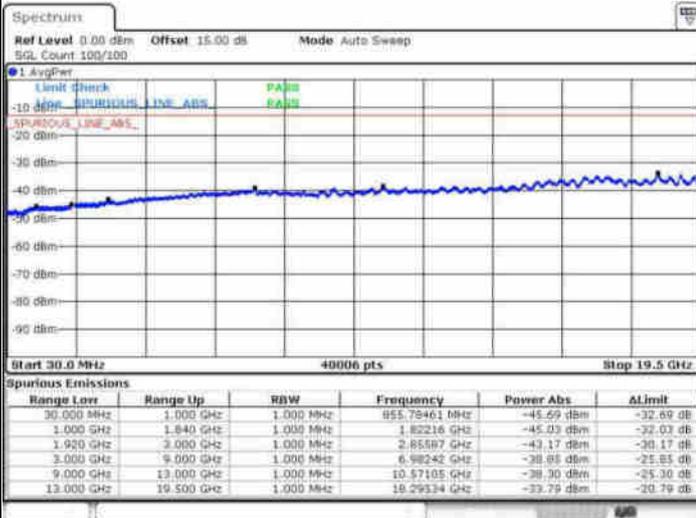




LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

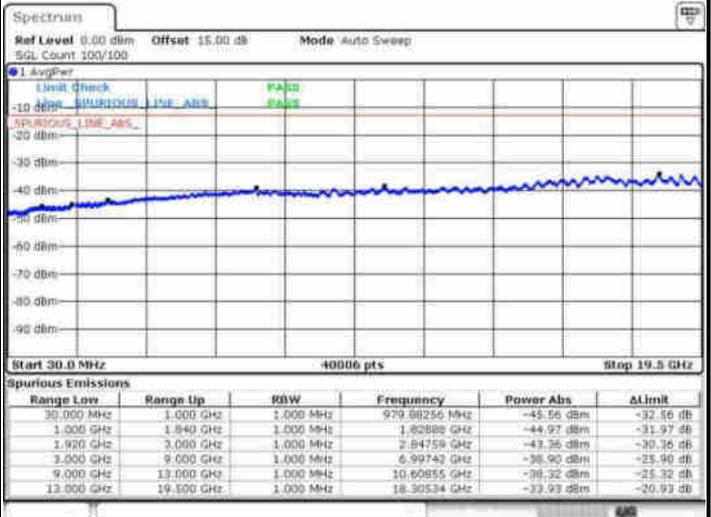
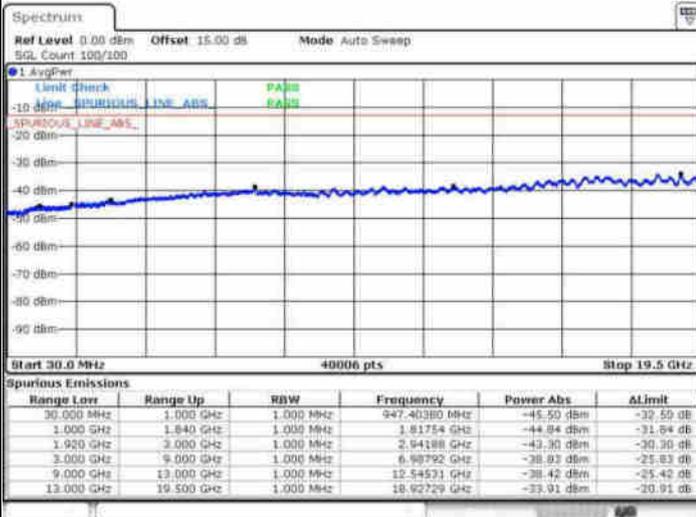


Date: 4-Jul-2016 20:18:58

Date: 4-Jul-2016 20:19:56

Highest Channel / QPSK

Highest Channel / 16QAM



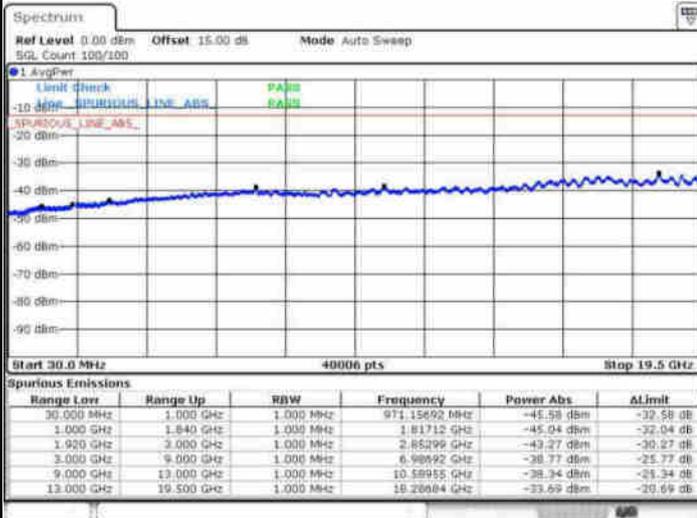
Date: 4-Jul-2016 20:18:15

Date: 4-Jul-2016 20:17:11



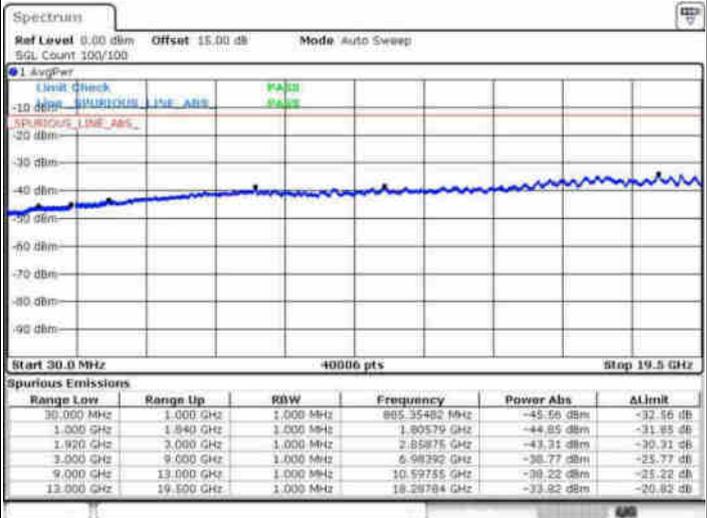
LTE Band 2 / 5MHz

Lowest Channel / QPSK



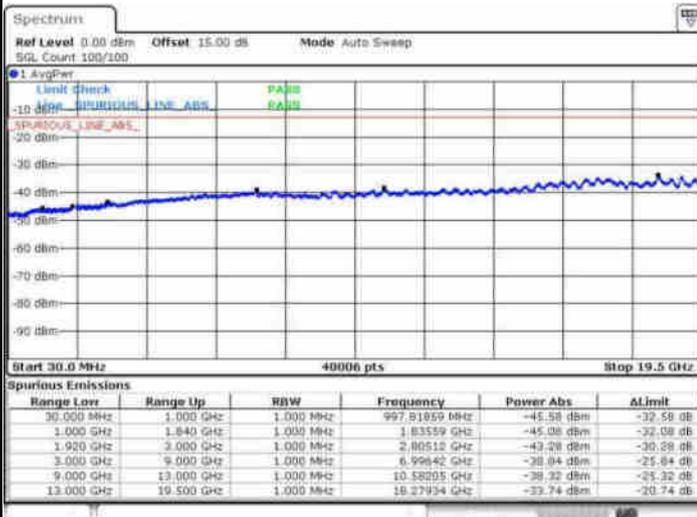
Date: 4-Jul-2016 20:13:27

Lowest Channel / 16QAM



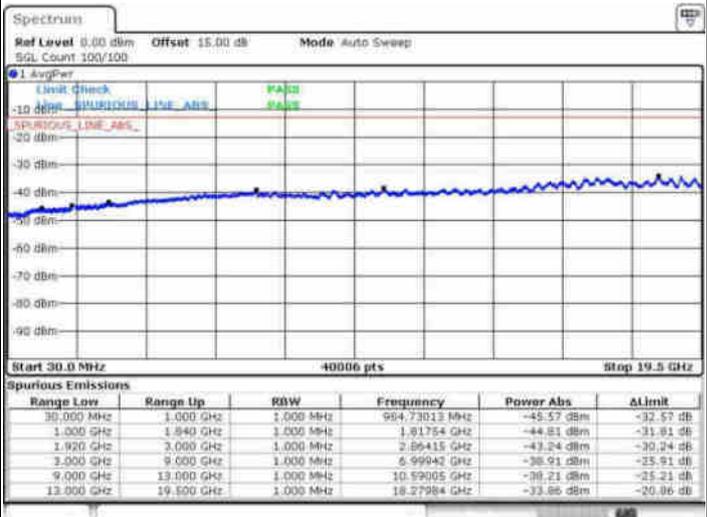
Date: 4-Jul-2016 20:14:16

Middle Channel / QPSK



Date: 4-Jul-2016 20:13:05

Middle Channel / 16QAM

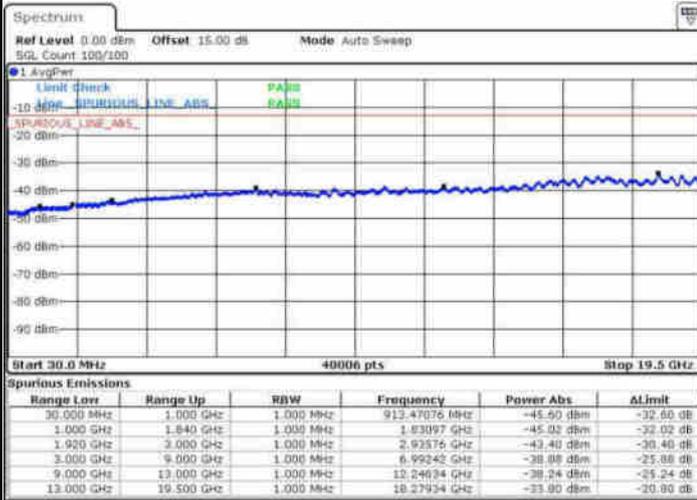


Date: 4-Jul-2016 20:13:02

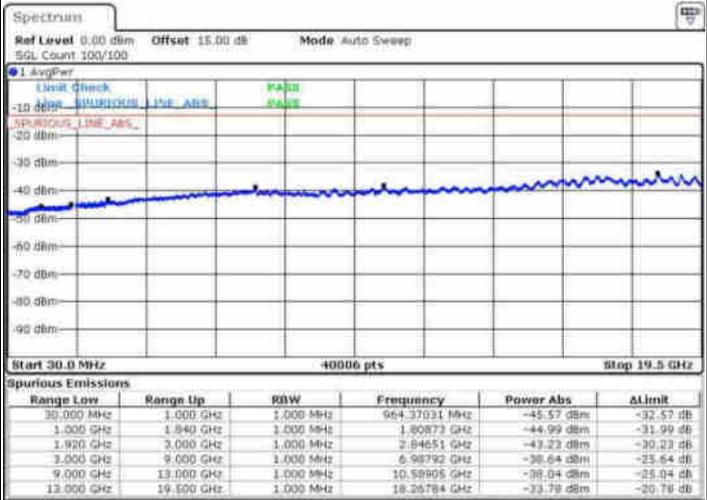


LTE Band 2 / 5MHz

Highest Channel / QPSK



Highest Channel / 16QAM

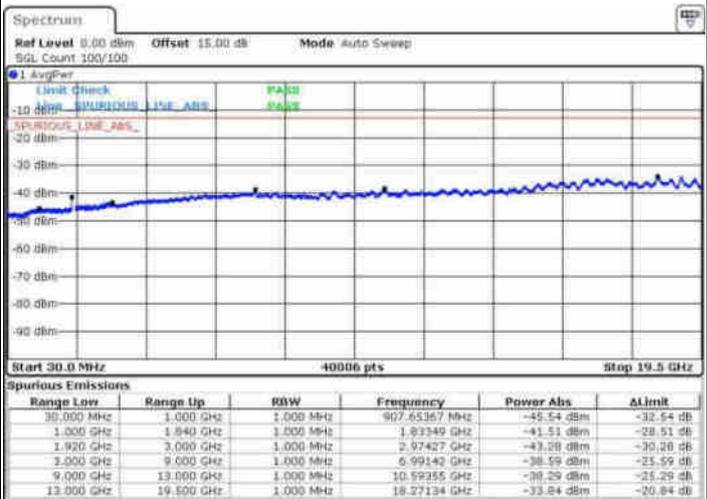


LTE Band 2 / 10MHz

Lowest Channel / QPSK



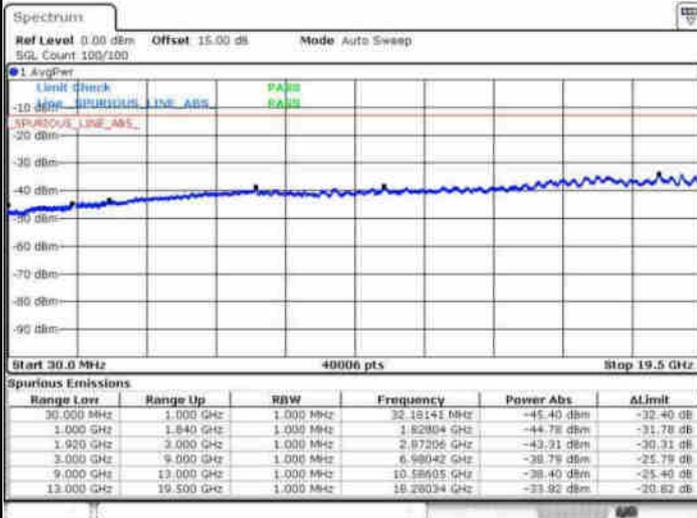
Lowest Channel / 16QAM





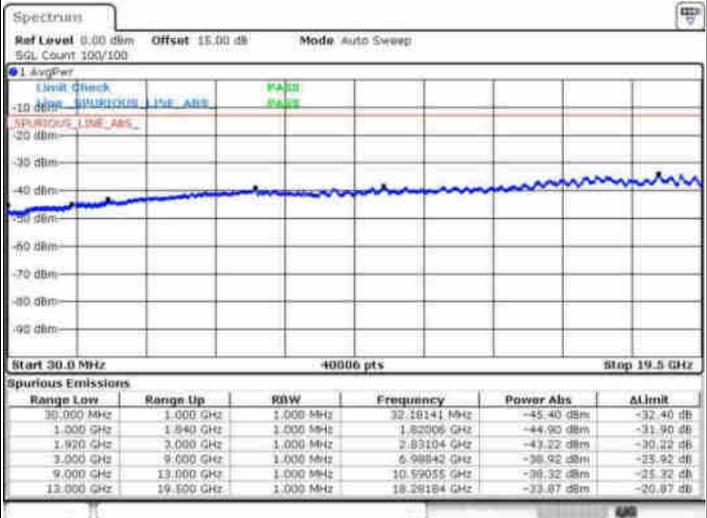
LTE Band 2 / 10MHz

Middle Channel / QPSK



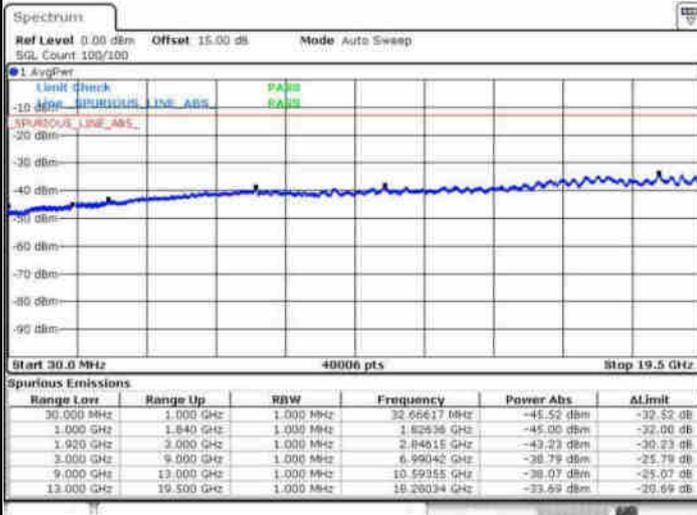
Date: 4.7.NI.2016 20153112

Middle Channel / 16QAM



Date: 4.7.NI.2016 20154109

Highest Channel / QPSK



Date: 4.7.NI.2016 21100120

Highest Channel / 16QAM

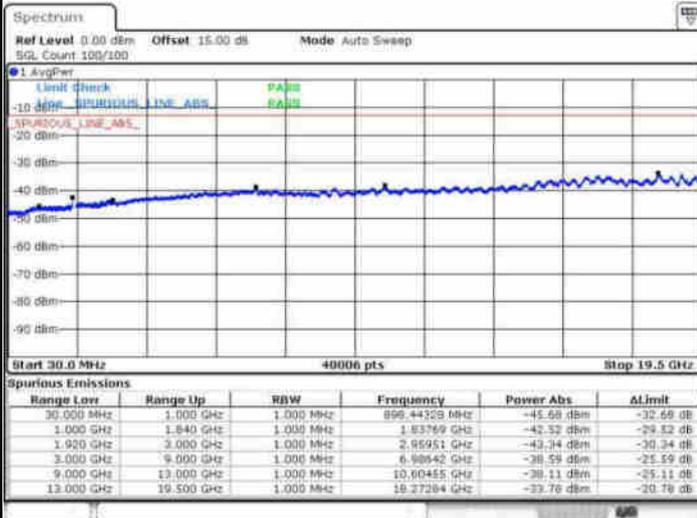


Date: 4.7.NI.2016 21101122



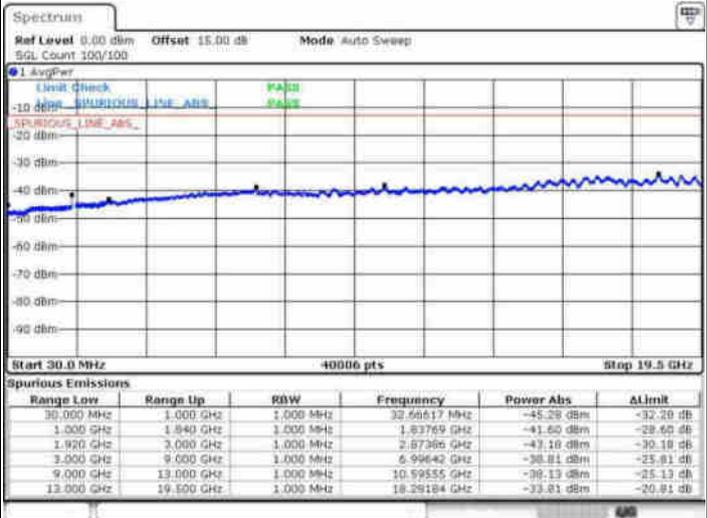
LTE Band 2 / 15MHz

Lowest Channel / QPSK



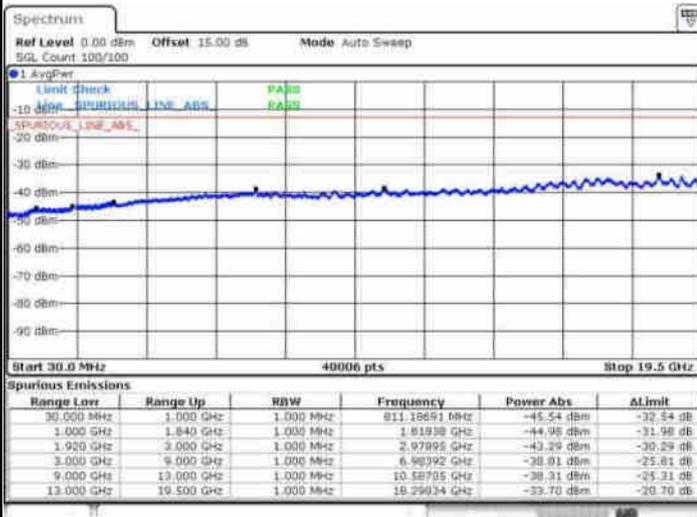
Date: 4-Jul-2016 21:07:10

Lowest Channel / 16QAM



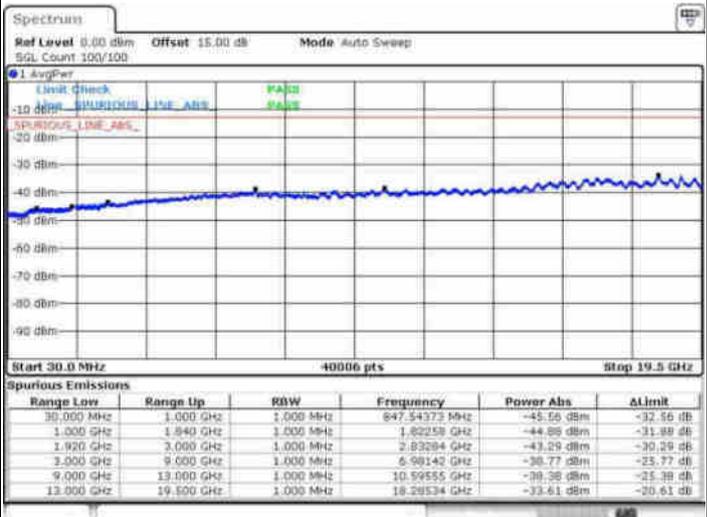
Date: 4-Jul-2016 21:08:16

Middle Channel / QPSK



Date: 4-Jul-2016 21:10:11

Middle Channel / 16QAM



Date: 4-Jul-2016 21:11:11



LTE Band 2 / 15MHz

Highest Channel / QPSK



Highest Channel / 16QAM

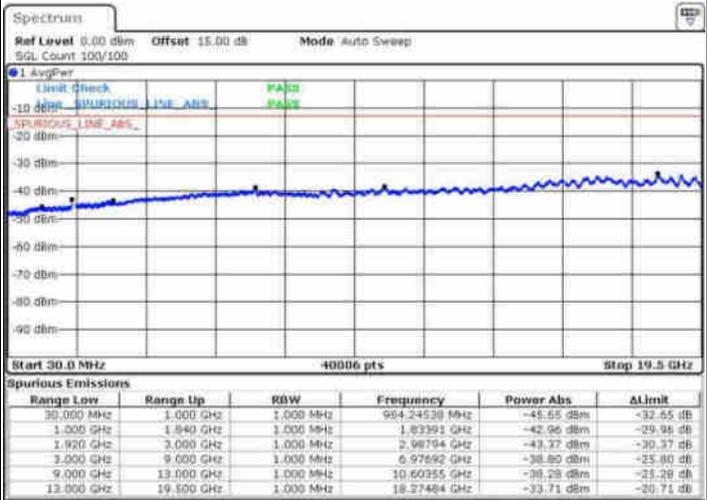


LTE Band 2 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

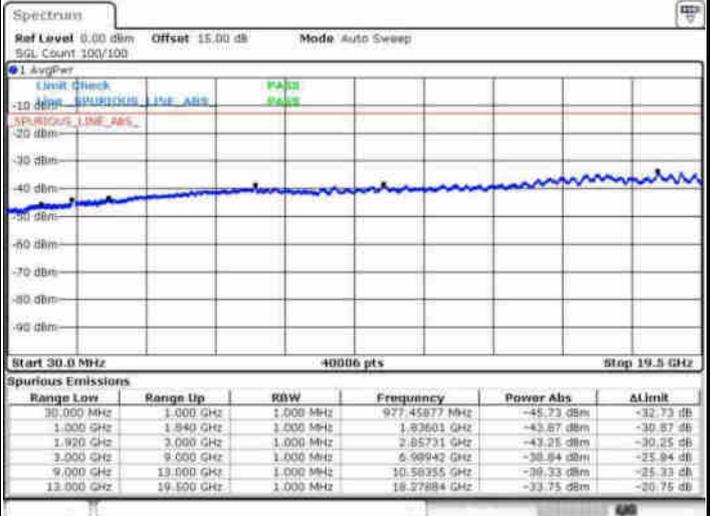
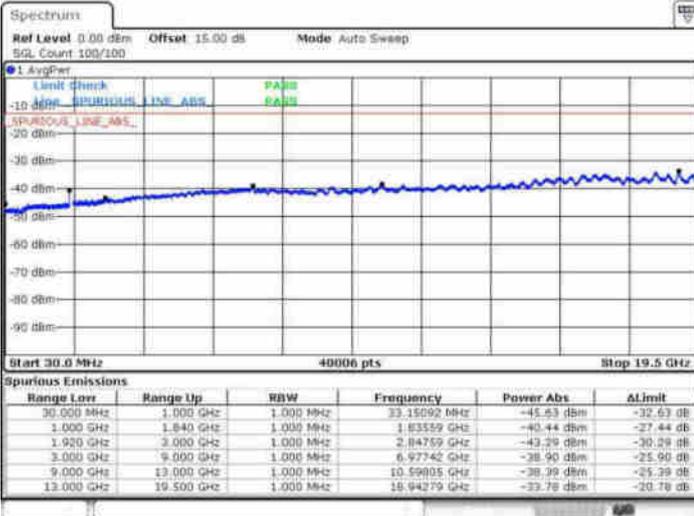




LTE Band 2 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

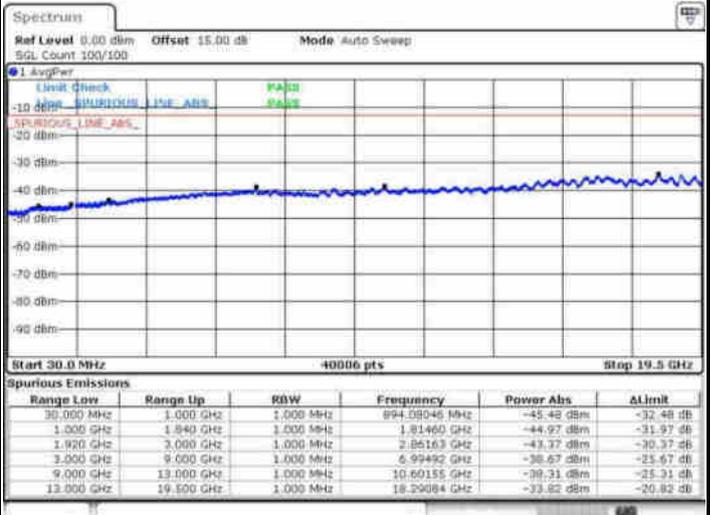
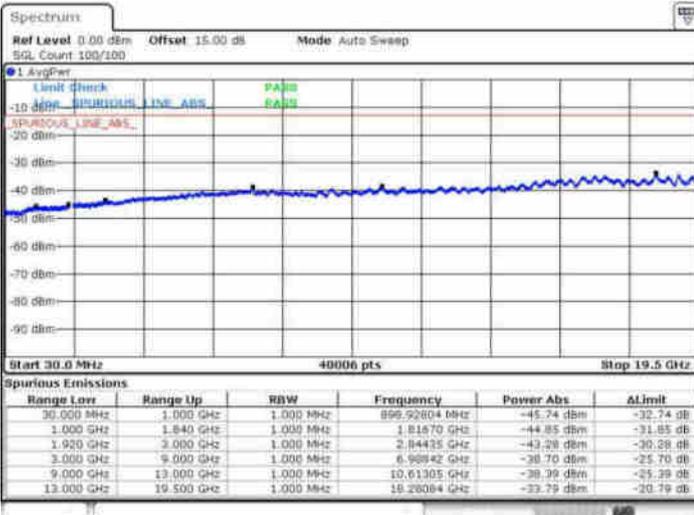


Date: 4-Jul-2016 21:27:16

Date: 4-Jul-2016 21:28:12

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4-Jul-2016 21:34:29

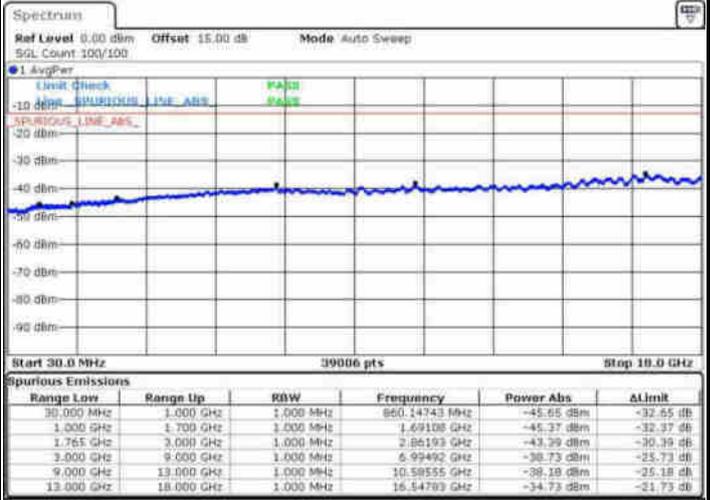
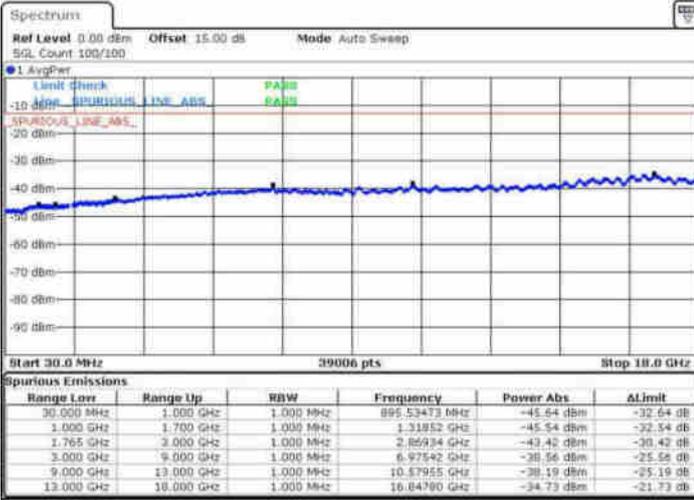
Date: 4-Jul-2016 21:35:25



LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

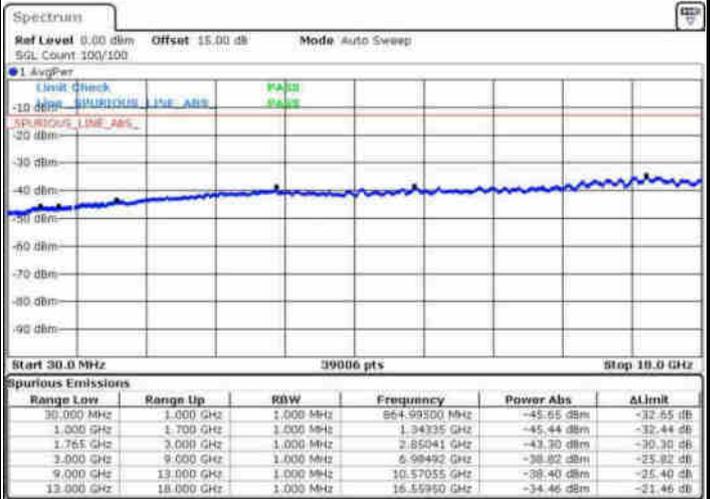


Date: 6-JAN-2016 18:27:19

Date: 6-JAN-2016 18:28:38

Middle Channel / QPSK

Middle Channel / 16QAM



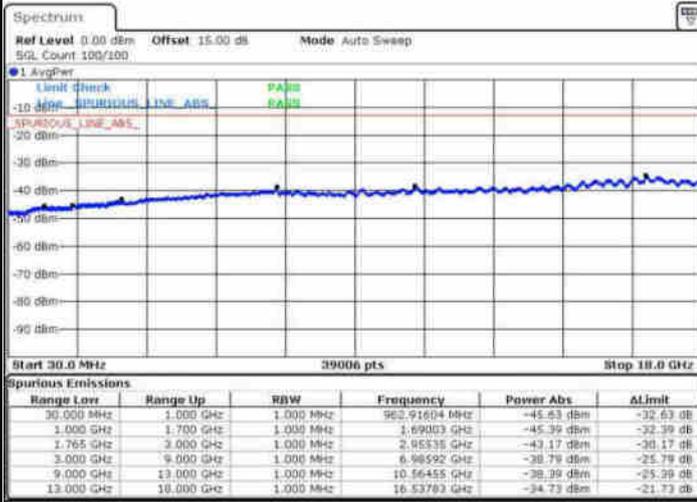
Date: 6-JAN-2016 18:30:08

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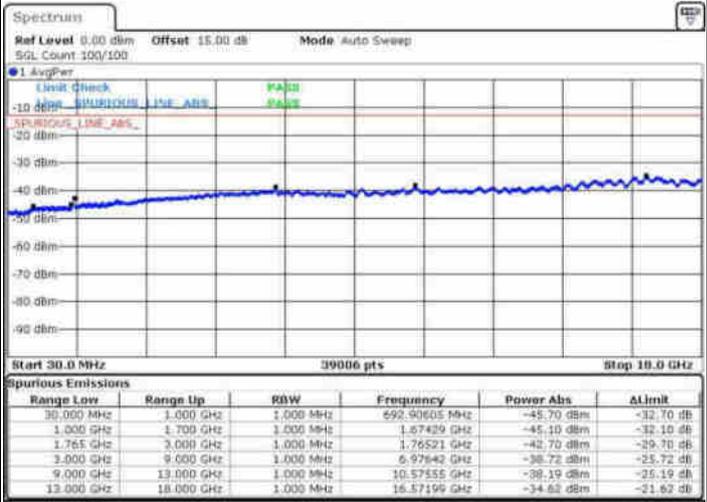


LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Highest Channel / 16QAM

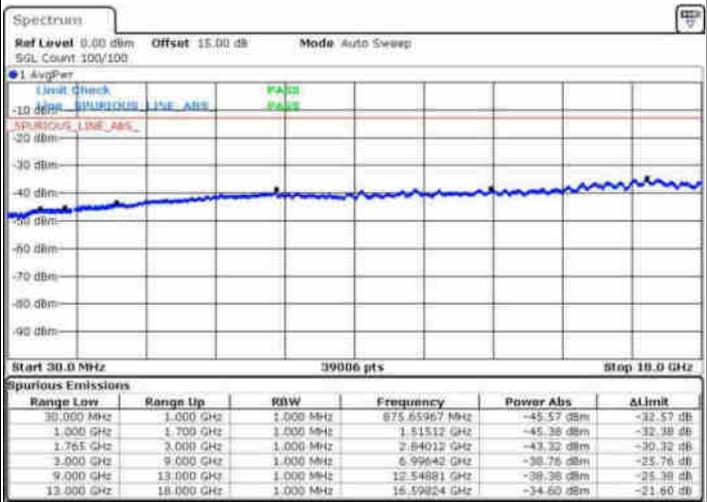


LTE Band 4 / 3MHz

Lowest Channel / QPSK



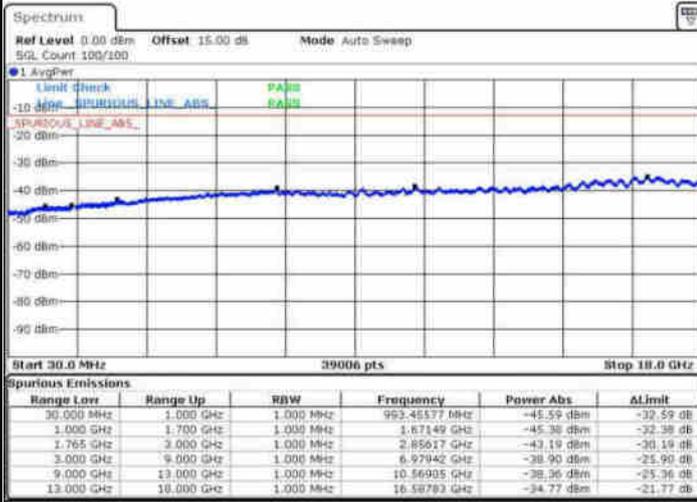
Lowest Channel / 16QAM





LTE Band 4 / 3MHz

Middle Channel / QPSK



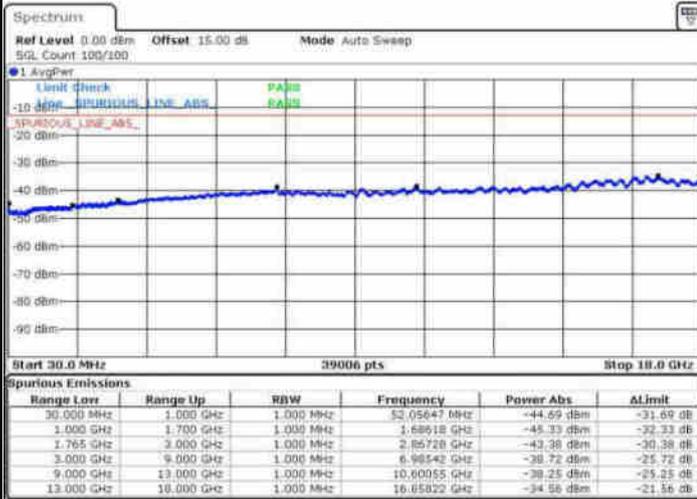
Date: 6-JAN-2016 10:47:20

Middle Channel / 16QAM



Date: 6-JAN-2016 11:48:17

Highest Channel / QPSK



Date: 6-JAN-2016 10:54:19

Highest Channel / 16QAM



Date: 6-JAN-2016 11:55:16



LTE Band 4 / 5MHz

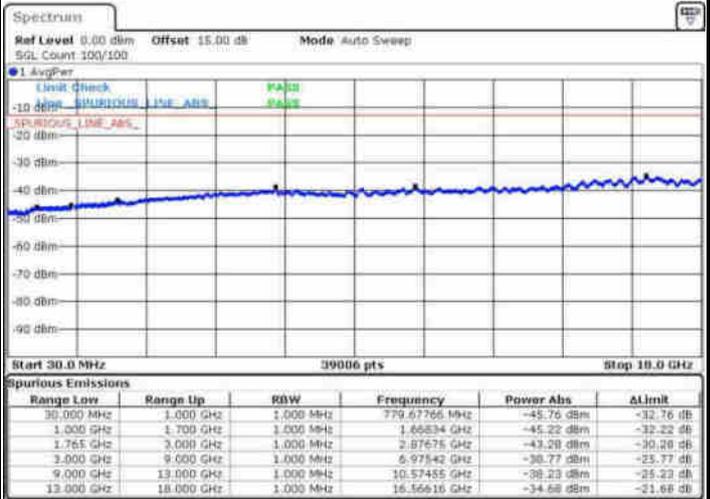
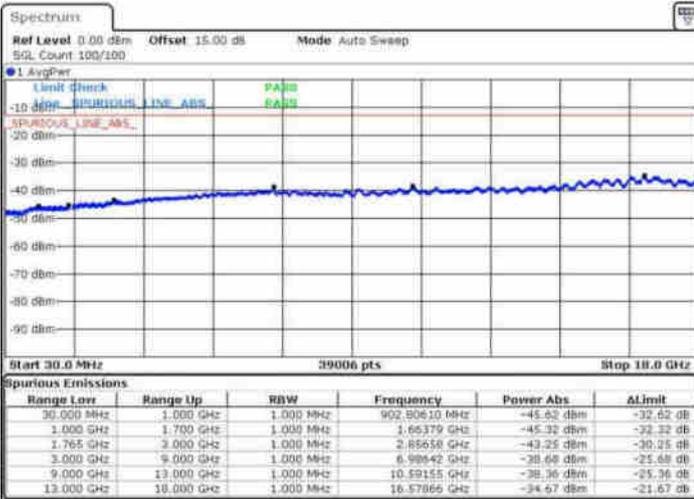
Lowest Channel / QPSK

Lowest Channel / 16QAM



Middle Channel / QPSK

Middle Channel / 16QAM



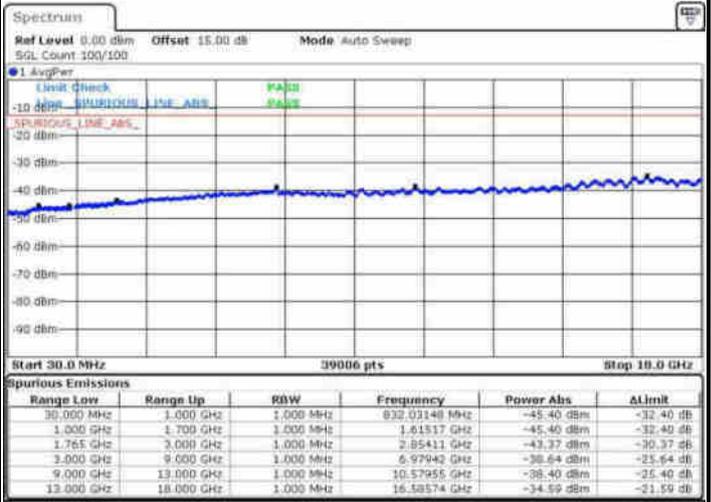


LTE Band 4 / 5MHz

Highest Channel / QPSK

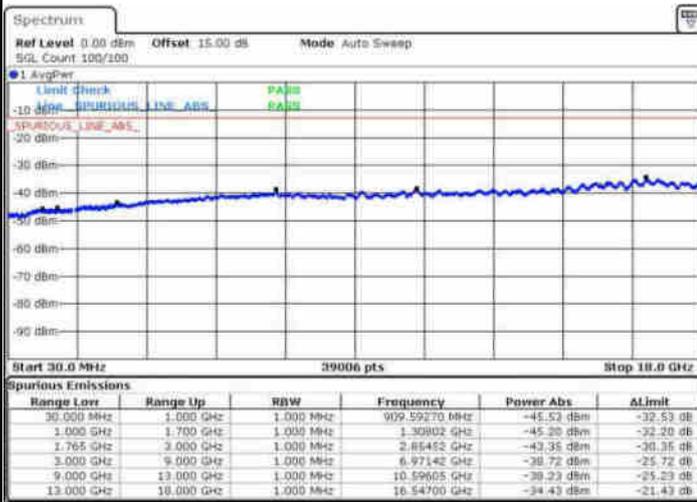


Highest Channel / 16QAM

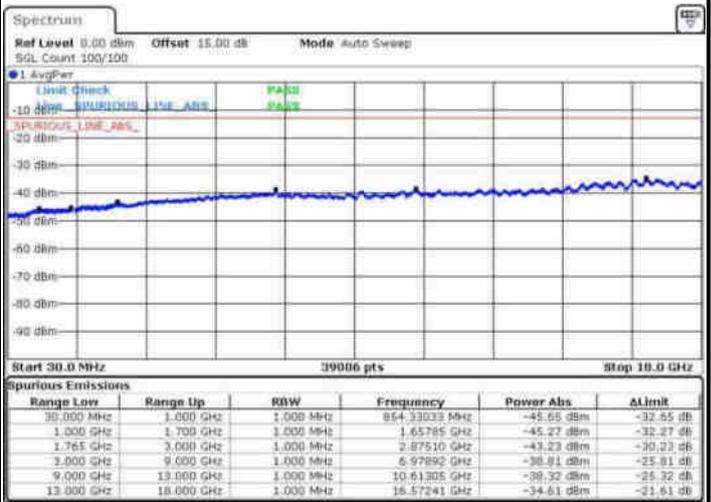


LTE Band 4 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM





LTE Band 4 / 10MHz

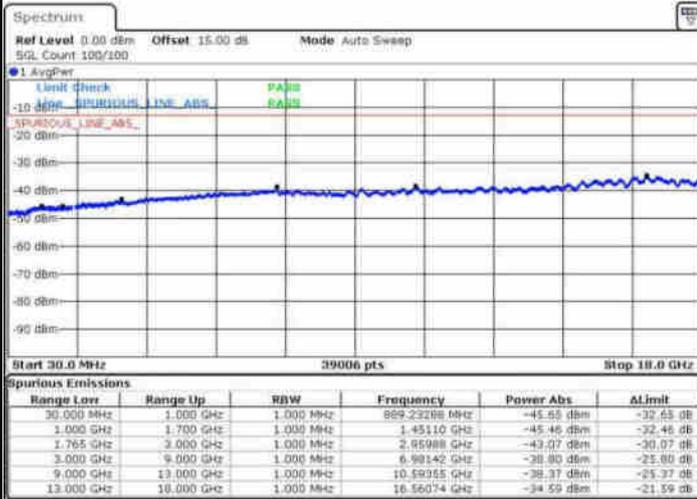
Middle Channel / QPSK



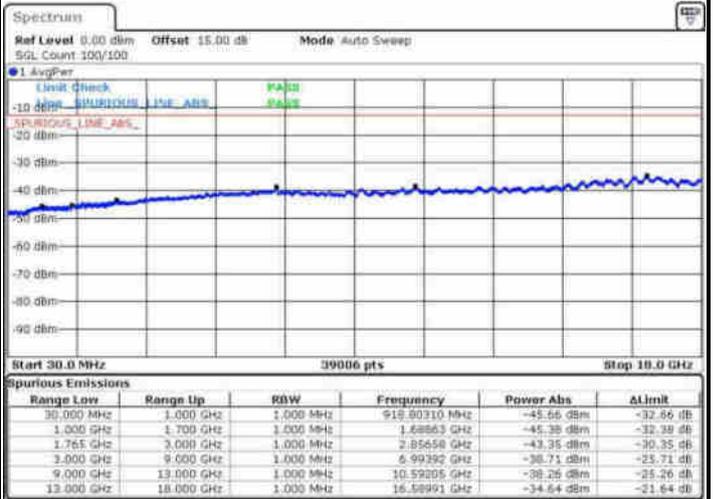
Middle Channel / 16QAM



Highest Channel / QPSK



Highest Channel / 16QAM



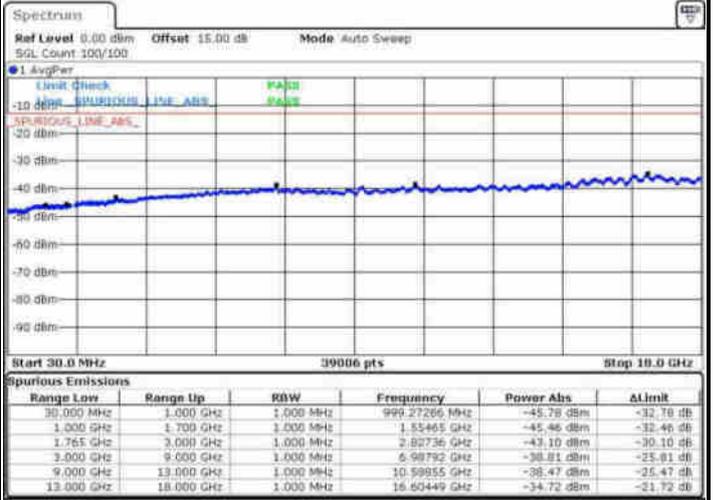


LTE Band 4 / 15MHz

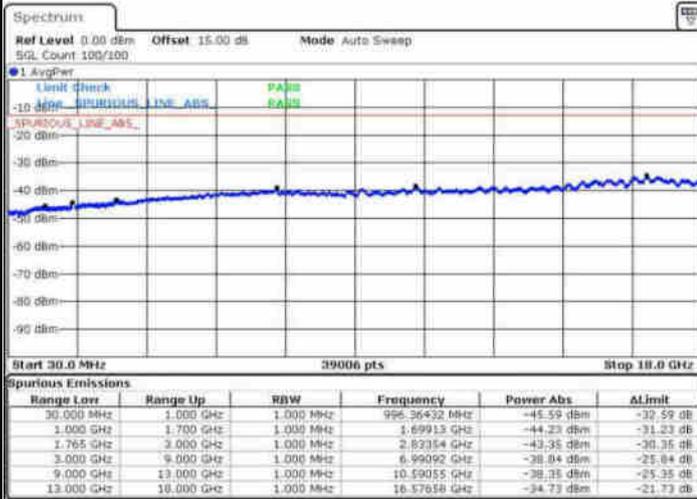
Lowest Channel / QPSK



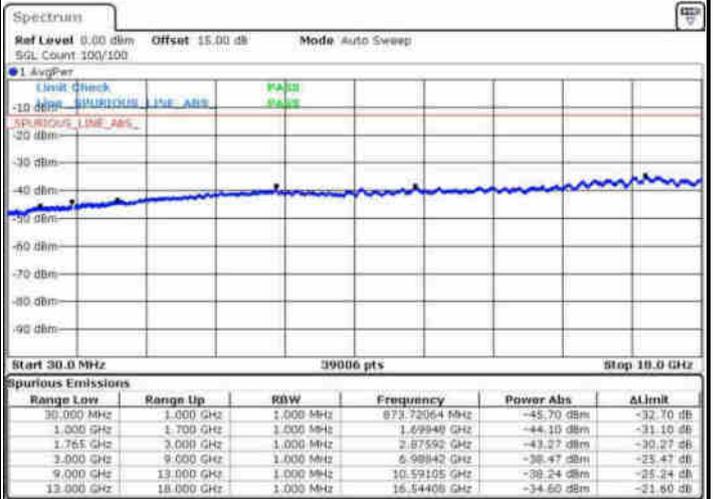
Lowest Channel / 16QAM



Middle Channel / QPSK



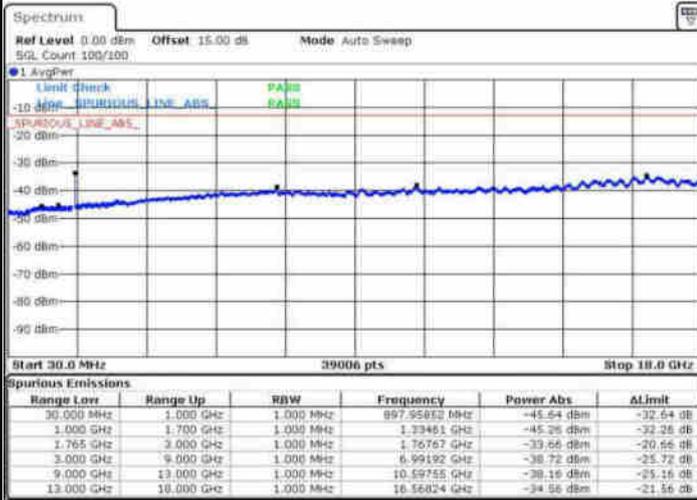
Middle Channel / 16QAM



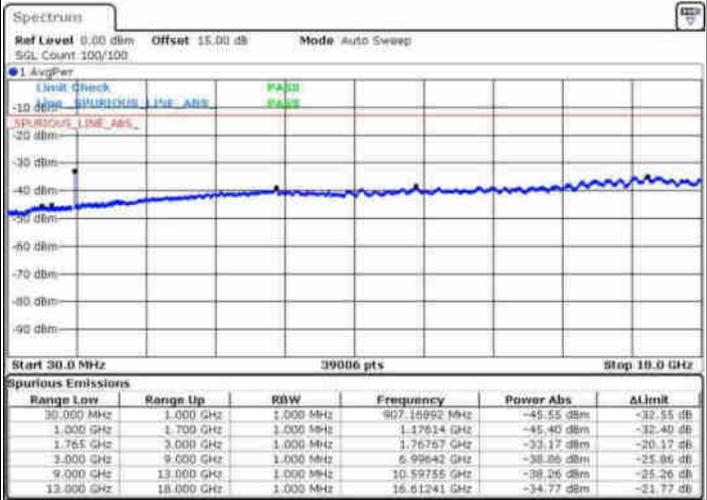


LTE Band 4 / 15MHz

Highest Channel / QPSK

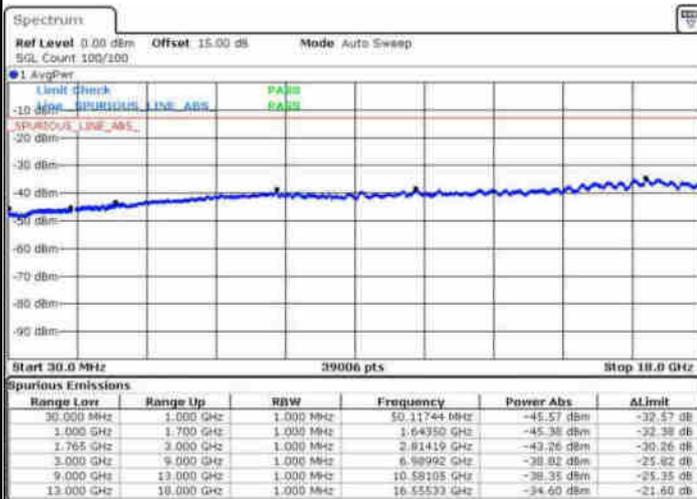


Highest Channel / 16QAM

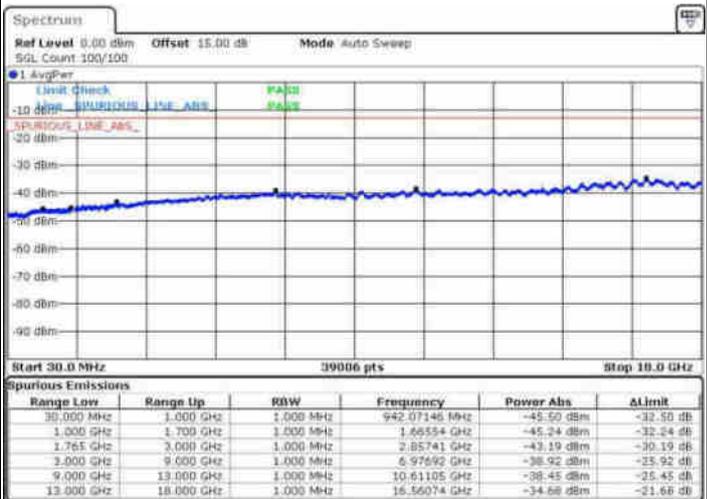


LTE Band 4 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

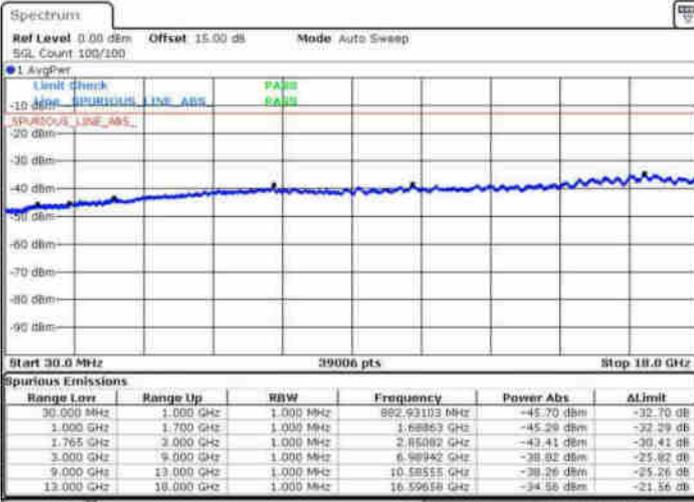




LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

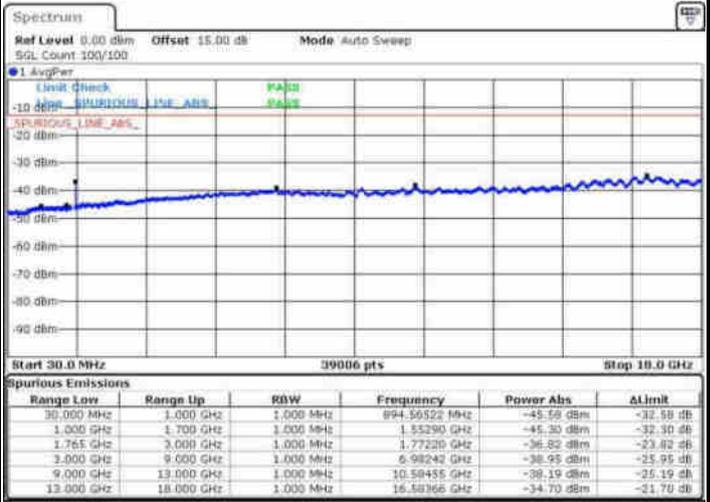
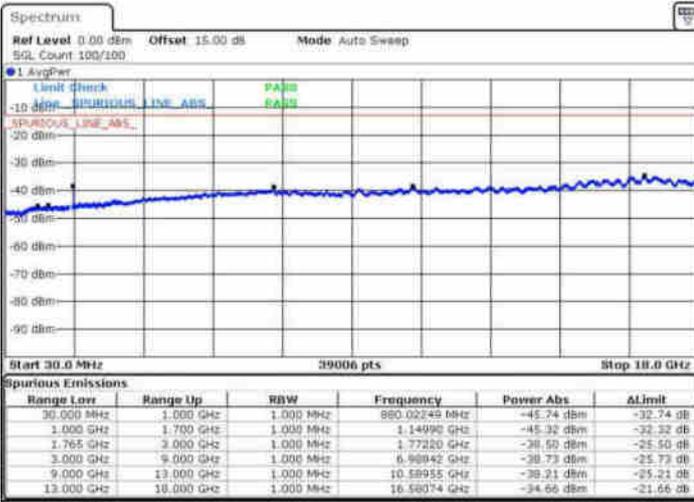


Date: 8-JAN-2016 14:15:04

Date: 8-JAN-2016 14:15:01

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8-JAN-2016 13:01:20

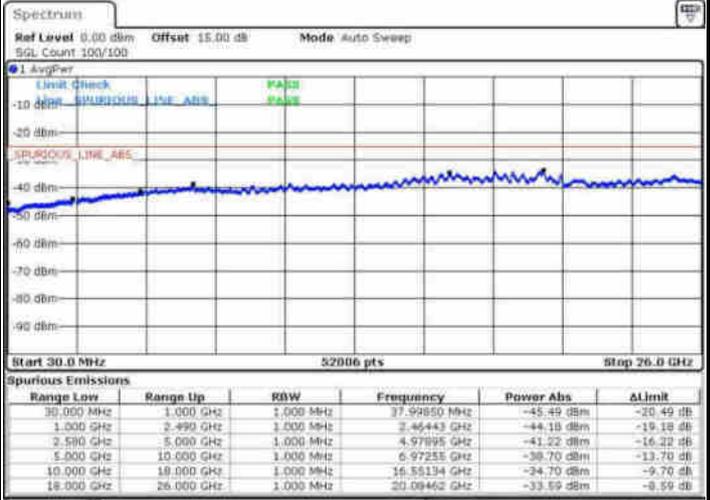
Date: 8-JAN-2016 13:01:17



LTE Band 7 / 5MHz

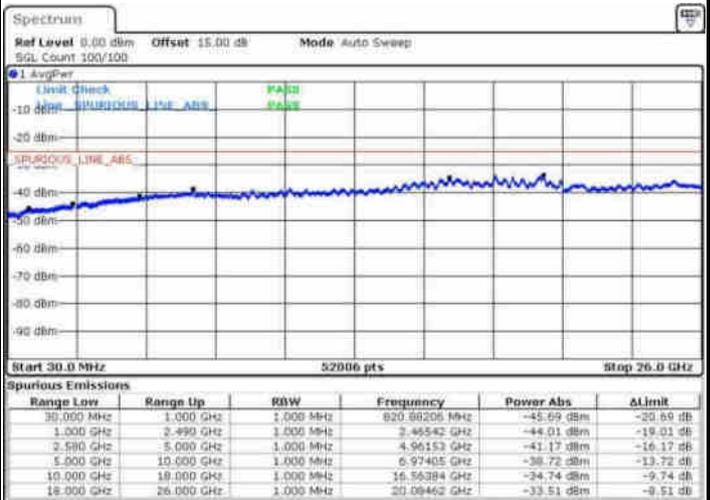
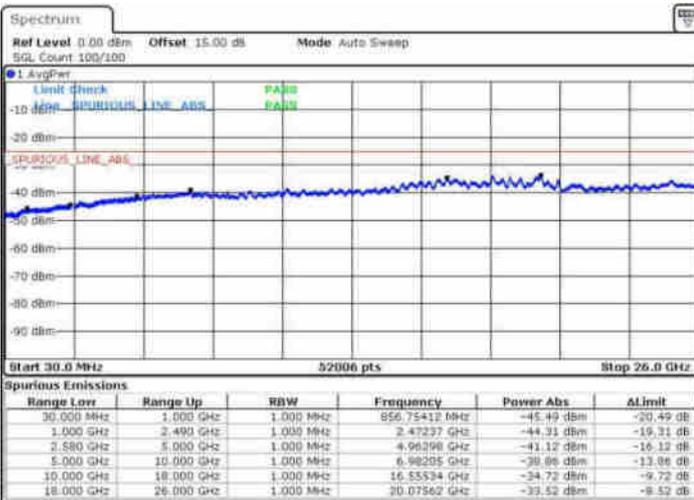
Lowest Channel / QPSK

Lowest Channel / 16QAM



Middle Channel / QPSK

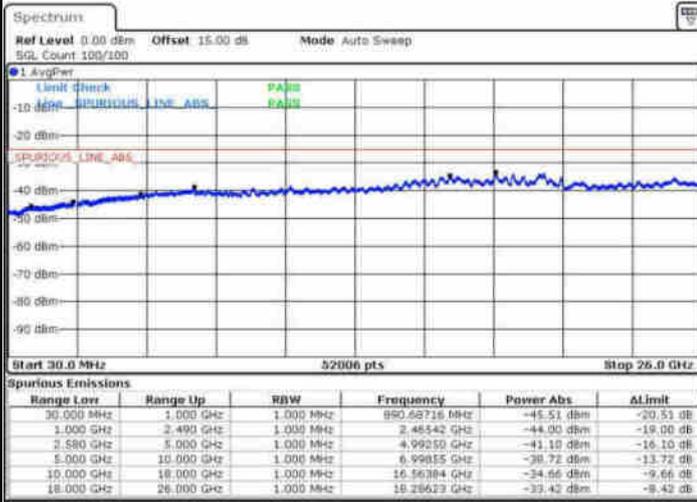
Middle Channel / 16QAM



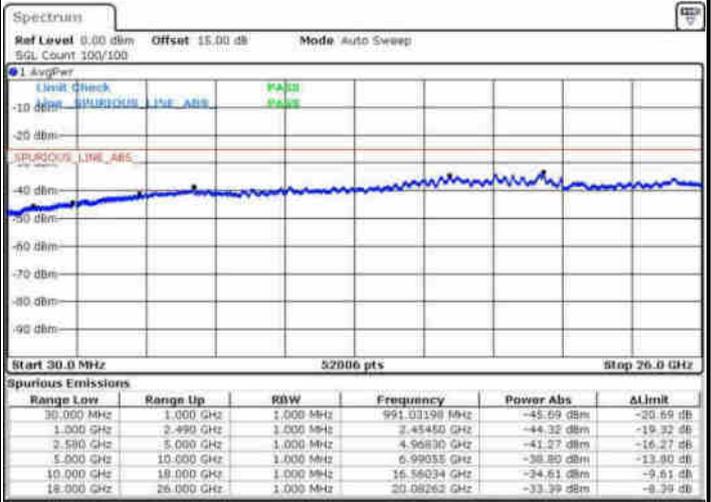


LTE Band 7 / 5MHz

Highest Channel / QPSK

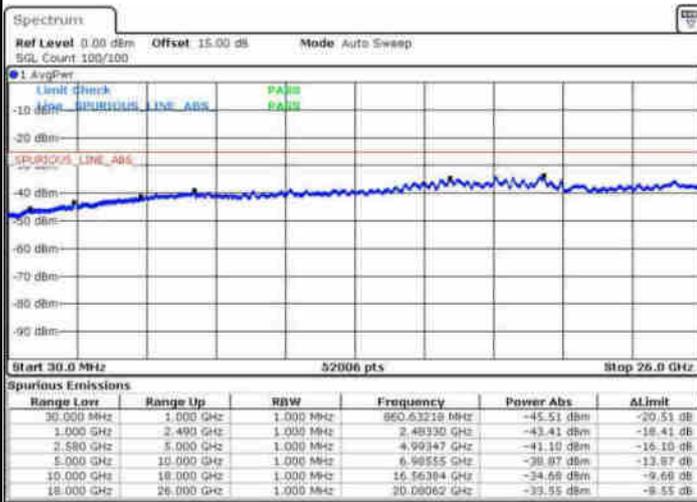


Highest Channel / 16QAM

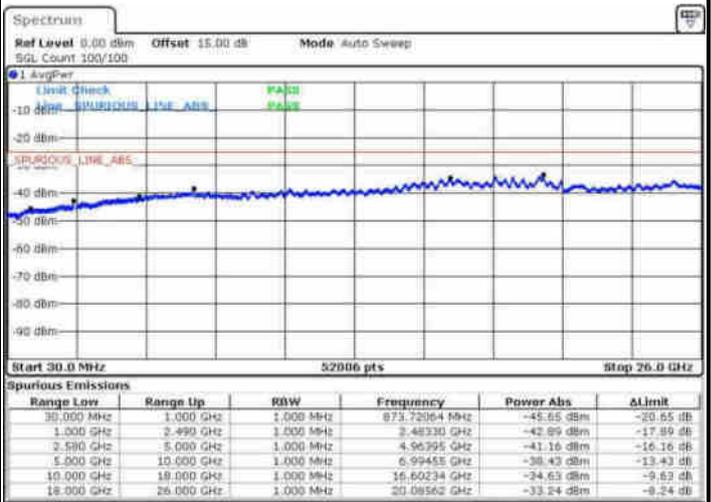


LTE Band 7 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

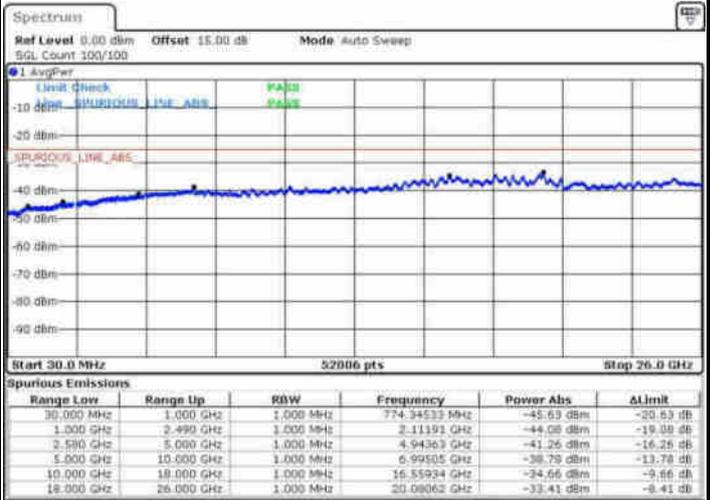
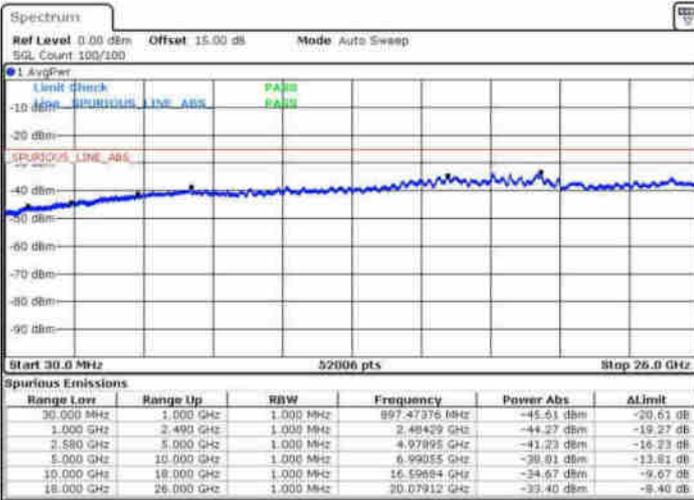




LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

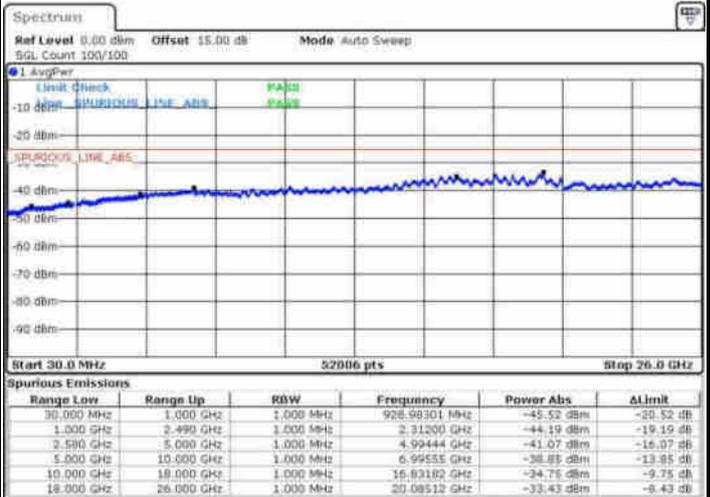


Date: 5/29/2016 14:55:147

Date: 5/29/2016 14:55:145

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5/29/2016 15:02:00

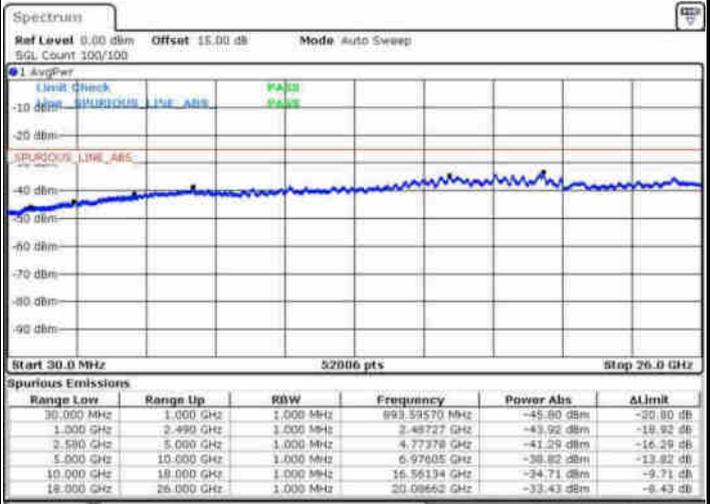
Date: 5/29/2016 15:02:00



LTE Band 7 / 15MHz

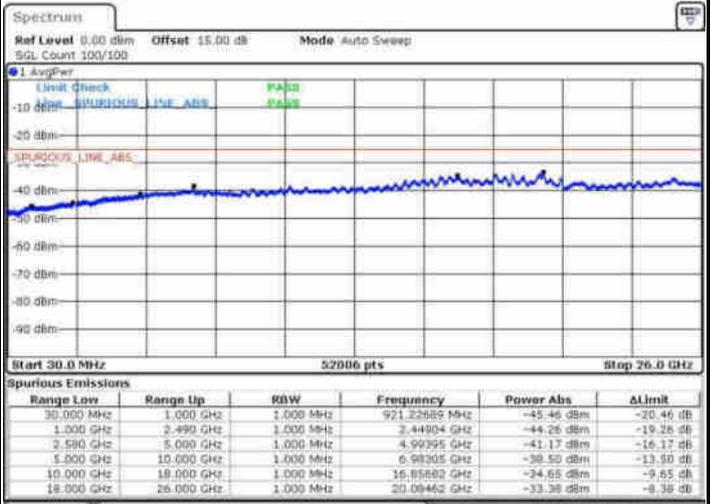
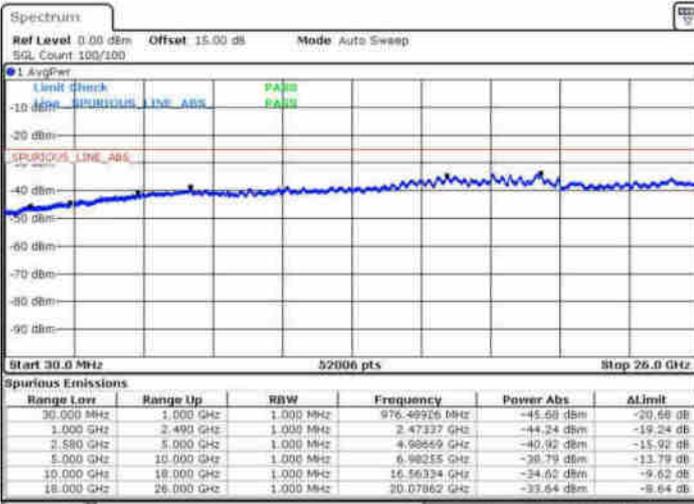
Lowest Channel / QPSK

Lowest Channel / 16QAM



Middle Channel / QPSK

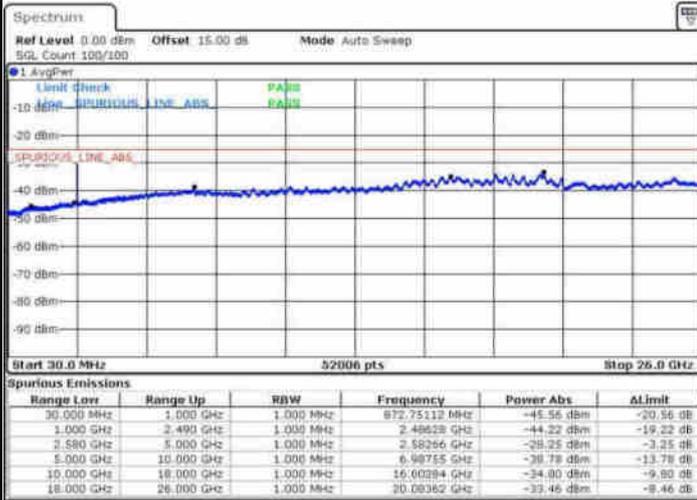
Middle Channel / 16QAM



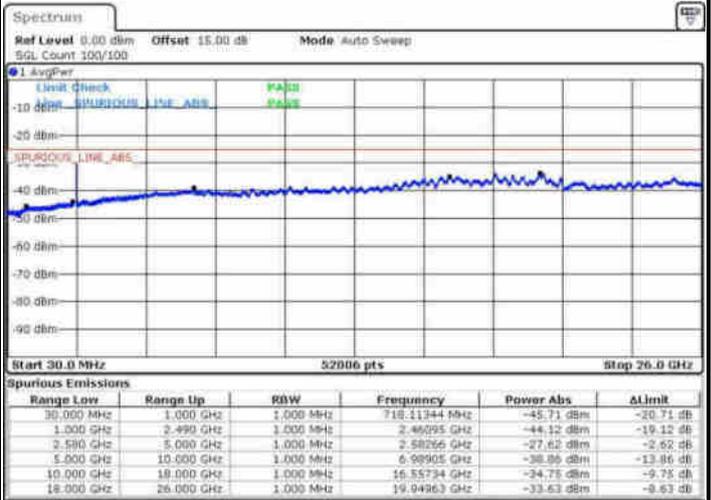


LTE Band 7 / 15MHz

Highest Channel / QPSK

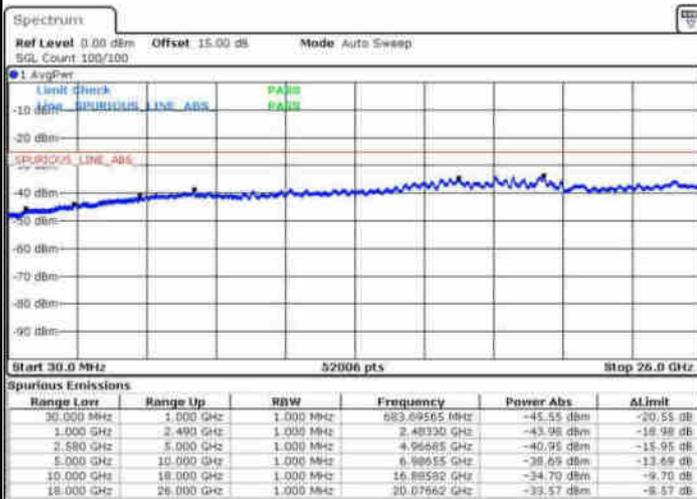


Highest Channel / 16QAM

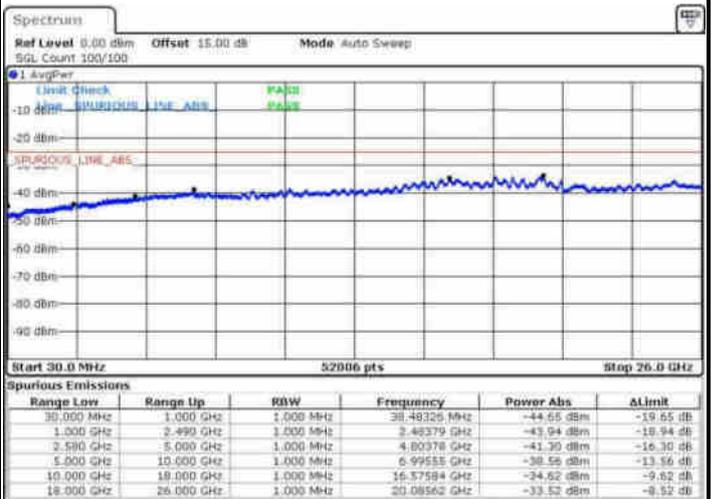


LTE Band 7 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

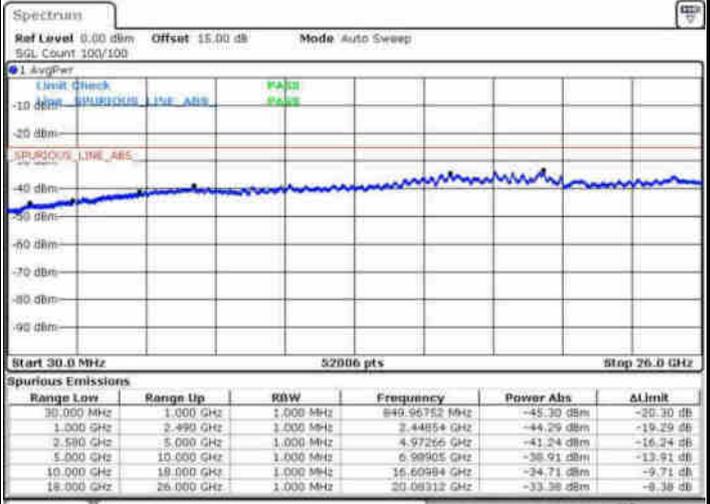




LTE Band 7 / 20MHz

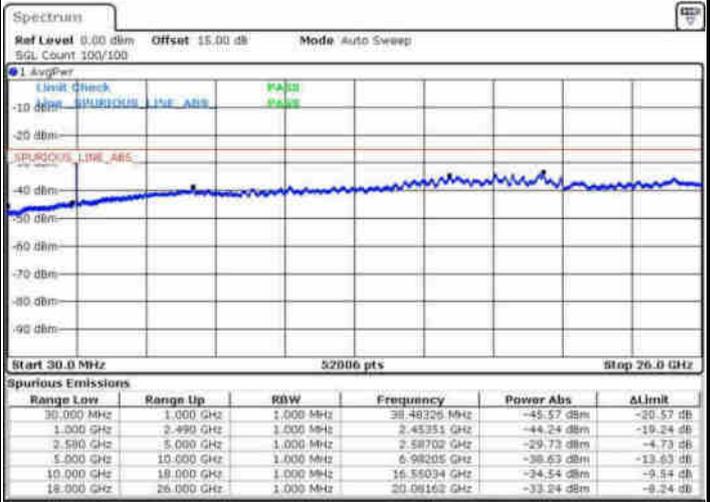
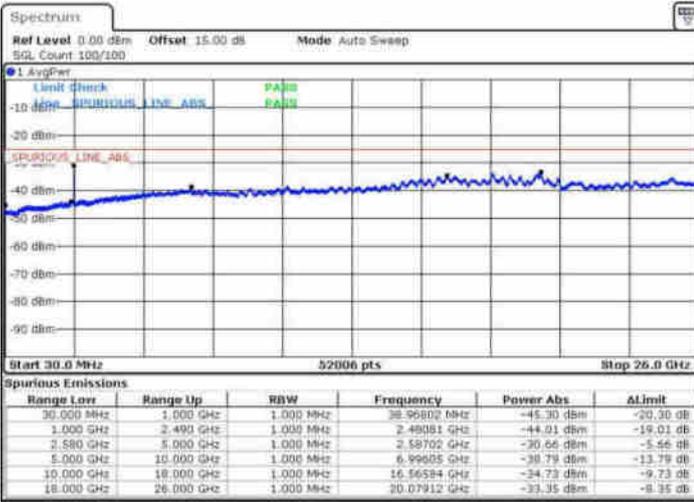
Middle Channel / QPSK

Middle Channel / 16QAM



Highest Channel / QPSK

Highest Channel / 16QAM





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	0.0021	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0090	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0096	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0112	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0000	

Note:

1. Normal Voltage = 3.8V.; Battery End Point (BEP) = 3.5 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	0.0179	PASS
40	Normal Voltage	0.0128	
30	Normal Voltage	0.0074	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0051	
0	Normal Voltage	0.0127	
-10	Normal Voltage	0.0053	
-20	Normal Voltage	0.0113	
-30	Normal Voltage	0.0221	
20	Maximum Voltage	0.0137	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0047	

Note:

1. Normal Voltage = 3.8V.; Battery End Point (BEP) = 3.5 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 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0130	PASS
40	Normal Voltage	0.0079	
30	Normal Voltage	0.0063	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0087	
0	Normal Voltage	0.0134	
-10	Normal Voltage	0.0146	
-20	Normal Voltage	0.0158	
-30	Normal Voltage	0.0170	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0047	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 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

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	22.01	0.1590	22.26	0.1684
Middle		3	3	21.56	0.1432	21.75	0.1495
Highest		1	5	21.03	0.1268	21.08	0.1281
Lowest	16QAM	1	3	20.99	0.1256	21.22	0.1325
Middle		1	3	20.51	0.1125	20.69	0.1173
Highest		1	3	20.14	0.1034	20.18	0.1042
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	8	21.81	0.1518	22.08	0.1613
Middle		1	8	21.38	0.1375	21.56	0.1431
Highest		1	8	21.14	0.1300	21.34	0.1362
Lowest	16QAM	1	8	20.94	0.1242	21.22	0.1323
Middle		1	8	20.55	0.1136	20.69	0.1172
Highest		1	8	20.18	0.1041	20.26	0.1061
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	21.80	0.1514	22.07	0.1611
Middle		1	12	21.40	0.1381	21.56	0.1432
Highest		1	0	21.04	0.1271	21.21	0.1323
Lowest	16QAM	1	12	20.86	0.1219	21.10	0.1287
Middle		1	12	20.43	0.1105	20.63	0.1156
Highest		1	12	19.93	0.0983	20.25	0.1060
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	21.76	0.1499	21.86	0.1533
Middle		1	25	21.30	0.1348	21.40	0.1379
Highest		1	25	20.75	0.1188	21.00	0.1258
Lowest	16QAM	1	25	20.86	0.1218	21.08	0.1282
Middle		1	25	20.39	0.1095	20.62	0.1152
Highest		1	25	19.86	0.0969	20.19	0.1044
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	21.87	0.1537	21.94	0.1564
Middle		1	0	21.37	0.1371	21.42	0.1386
Highest		1	37	20.86	0.1220	21.15	0.1304
Lowest	16QAM	1	37	20.81	0.1206	21.03	0.1268
Middle		1	37	20.43	0.1103	20.60	0.1148
Highest		1	37	19.95	0.0989	20.26	0.1061
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	21.67	0.1468	21.77	0.1504
Middle		1	49	21.37	0.1370	21.48	0.1404
Highest		1	49	20.96	0.1247	21.17	0.1308
Lowest	16QAM	1	49	20.65	0.1163	20.86	0.1219
Middle		1	49	20.41	0.1100	20.58	0.1144
Highest		1	49	20.03	0.1008	20.27	0.1065
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	1	3	22.03	0.1596	22.18	0.1653
Middle		3	3	22.59	0.1817	22.74	0.1880
Highest		3	3	22.55	0.1801	22.67	0.1847
Lowest	16QAM	1	5	21.06	0.1275	21.22	0.1323
Middle		1	3	21.43	0.1391	21.60	0.1446
Highest		1	3	21.40	0.1379	21.52	0.1421
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	8	22.01	0.1589	22.08	0.1616
Middle		1	8	22.39	0.1734	22.47	0.1767
Highest		1	8	22.38	0.1729	22.40	0.1737
Lowest	16QAM	1	8	21.10	0.1288	21.22	0.1325
Middle		1	8	21.44	0.1392	21.58	0.1439
Highest		1	8	21.38	0.1375	21.50	0.1411
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	12	22.11	0.1627	22.17	0.1647
Middle		1	12	22.41	0.1742	22.51	0.1783
Highest		1	12	21.75	0.1496	21.55	0.1428
Lowest	16QAM	1	12	21.10	0.1287	21.22	0.1325
Middle		1	12	21.36	0.1369	21.55	0.1430
Highest		1	12	21.33	0.1357	21.42	0.1388
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	22.07	0.1610	22.16	0.1646
Middle		1	0	22.38	0.1730	22.45	0.1759
Highest		1	0	22.37	0.1727	22.42	0.1746
Lowest	16QAM	1	0	21.14	0.1299	21.23	0.1328
Middle		1	25	21.42	0.1387	21.52	0.1420
Highest		1	0	21.49	0.1410	21.54	0.1426
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	37	22.33	0.1711	22.32	0.1707
Middle		1	37	22.41	0.1743	22.52	0.1786
Highest		1	0	22.42	0.1745	22.51	0.1782
Lowest	16QAM	1	37	21.22	0.1325	21.30	0.1350
Middle		1	37	21.50	0.1411	21.61	0.1449
Highest		1	0	21.49	0.1408	21.59	0.1441
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.36	0.1721	22.35	0.1716
Middle		1	49	22.39	0.1735	22.49	0.1775
Highest		1	49	22.36	0.1723	22.43	0.1748
Lowest	16QAM	1	0	21.14	0.1300	21.26	0.1337
Middle		1	49	21.43	0.1389	21.53	0.1423
Highest		1	49	21.41	0.1385	21.49	0.1410
Limit	EIRP < 1W			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	20.12	0.1027	20.38	0.1090
Middle		1	24	20.23	0.1055	20.27	0.1064
Highest		1	12	19.26	0.0844	19.75	0.0944
Lowest	16QAM	1	12	19.30	0.0852	19.48	0.0886
Middle		1	12	19.25	0.0841	19.02	0.0799
Highest		1	12	18.77	0.0753	18.92	0.0779
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	20.31	0.1073	20.54	0.1134
Middle		1	49	19.34	0.0858	19.29	0.0849
Highest		1	25	19.56	0.0903	19.91	0.0979
Lowest	16QAM	1	49	19.87	0.0971	19.88	0.0973
Middle		1	49	19.28	0.0848	18.99	0.0793
Highest		1	25	19.45	0.0881	19.53	0.0897
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	74	21.02	0.1265	21.21	0.1322
Middle		1	74	19.60	0.0913	19.62	0.0916
Highest		1	37	20.44	0.1106	20.76	0.1191
Lowest	16QAM	1	74	20.03	0.1007	20.03	0.1008
Middle		1	37	18.87	0.0771	18.75	0.0750
Highest		1	37	19.81	0.0958	20.02	0.1004
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	99	20.92	0.1236	20.81	0.1205
Middle		1	99	20.32	0.1076	20.25	0.1060
Highest		1	99	19.77	0.0948	19.81	0.0957
Lowest	16QAM	1	99	20.03	0.1007	19.92	0.0981
Middle		1	99	19.35	0.0860	19.26	0.0844
Highest		1	49	19.81	0.0956	19.99	0.0997
Limit	EIRP < 2W			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	-50.42	-13	-37.42	-61.67	-62.15	0.87	12.60	H
	5550.48	-44.84	-13	-31.84	-60.72	-56.87	1.07	13.10	H
	7400.64	-50.16	-13	-37.16	-68.48	-59.77	1.69	11.30	H
	9250.8	-41.73	-13	-28.73	-65.16	-51.80	1.83	11.90	H
	3700.32	-49.96	-13	-36.96	-62.43	-61.69	0.87	12.60	H
	5550.48	-43.85	-13	-30.85	-60.17	-55.88	1.07	13.10	H
	7400.64	-50.49	-13	-37.49	-68.71	-60.10	1.69	11.30	V
	9250.8	-45.07	-13	-32.07	-67.88	-55.14	1.83	11.90	V
Middle	3758.92	-52.11	-13	-39.11	-63.36	-63.84	0.87	12.60	H
	5638.38	-45.34	-13	-32.34	-61.22	-57.37	1.07	13.10	H
	7517.84	-49.66	-13	-36.66	-67.98	-59.27	1.69	11.30	H
	9397.3	-43.38	-13	-30.38	-66.81	-53.45	1.83	11.90	H
	3758.92	-53.38	-13	-40.38	-65.85	-65.11	0.87	12.60	V
	5638.38	-45.42	-13	-32.42	-61.74	-57.45	1.07	13.10	V
	7517.84	-49.69	-13	-36.69	-67.91	-59.30	1.69	11.30	V
	9397.3	-46.35	-13	-33.35	-69.16	-56.42	1.83	11.90	V
Highest	3817.52	-51.68	-13	-38.68	-62.93	-63.41	0.87	12.60	H
	5726.28	-46.25	-13	-33.25	-62.13	-58.28	1.07	13.10	H
	7635.04	-50.31	-13	-37.31	-68.63	-59.92	1.69	11.30	H
	9543.8	-42.54	-13	-29.54	-65.97	-52.61	1.83	11.90	H
	3817.52	-52.60	-13	-39.60	-65.07	-64.33	0.87	12.60	V
	5726.28	-46.64	-13	-33.64	-62.96	-58.67	1.07	13.10	V
	7635.04	-49.62	-13	-36.62	-67.84	-59.23	1.69	11.30	V
	9543.8	-42.97	-13	-29.97	-65.78	-53.04	1.83	11.90	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	-50.38	-13	-37.38	-61.63	-62.11	0.87	12.60	H
	5550.72	-44.94	-13	-31.94	-60.82	-56.97	1.07	13.10	H
	7400.96	-49.12	-13	-36.12	-67.44	-58.73	1.69	11.30	H
	9251.2	-41.15	-13	-28.15	-64.58	-51.22	1.83	11.90	H
	3700.48	-50.11	-13	-37.11	-62.58	-61.84	0.87	12.60	V
	5550.72	-45.56	-13	-32.56	-61.88	-57.59	1.07	13.10	V
	7400.96	-50.11	-13	-37.11	-68.33	-59.72	1.69	11.30	V
	9251.2	-44.97	-13	-31.97	-67.78	-55.04	1.83	11.90	V
Middle	3758.92	-53.16	-13	-40.16	-64.41	-64.89	0.87	12.60	H
	5638.38	-45.99	-13	-32.99	-61.87	-58.02	1.07	13.10	H
	7517.84	-49.94	-13	-36.94	-68.26	-59.55	1.69	11.30	H
	9397.3	-44.48	-13	-31.48	-67.91	-54.55	1.83	11.90	H
	3758.92	-53.38	-13	-40.38	-65.85	-65.11	0.87	12.60	V
	5638.38	-45.62	-13	-32.62	-61.94	-57.65	1.07	13.10	V
	7517.84	-50.24	-13	-37.24	-68.46	-59.85	1.69	11.30	V
	9397.3	-47.20	-13	-34.20	-70.01	-57.27	1.83	11.90	V
Highest	3814.48	-52.99	-13	-39.99	-64.24	-64.72	0.87	12.60	H
	5721.72	-45.27	-13	-32.27	-61.15	-57.30	1.07	13.10	H
	7628.96	-50.25	-13	-37.25	-68.57	-59.86	1.69	11.30	H
	9536.2	-42.38	-13	-29.38	-65.81	-52.45	1.83	11.90	H
	3814.48	-52.72	-13	-39.72	-65.19	-64.45	0.87	12.60	V
	5721.72	-47.83	-13	-34.83	-64.15	-59.86	1.07	13.10	V
	7628.96	-50.14	-13	-37.14	-68.36	-59.75	1.69	11.30	V
	9536.2	-44.44	-13	-31.44	-67.25	-54.51	1.83	11.90	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	-51.29	-13	-38.29	-62.54	-63.02	0.87	12.60	H
	5551.02	-45.86	-13	-32.86	-61.74	-57.89	1.07	13.10	H
	7401.36	-50.47	-13	-37.47	-68.79	-60.08	1.69	11.30	H
	9251.7	-42.20	-13	-29.20	-65.63	-52.27	1.83	11.90	H
	3700.68	-51.99	-13	-38.99	-64.46	-63.72	0.87	12.60	V
	5551.02	-45.47	-13	-32.47	-61.79	-57.50	1.07	13.10	V
	7401.36	-50.06	-13	-37.06	-68.28	-59.67	1.69	11.30	V
	9251.7	-45.51	-13	-32.51	-68.32	-55.58	1.83	11.90	V
Middle	3755.68	-52.49	-13	-39.49	-63.74	-64.22	0.87	12.60	H
	5633.52	-44.20	-13	-31.20	-60.08	-56.23	1.07	13.10	H
	7511.36	-50.18	-13	-37.18	-68.50	-59.79	1.69	11.30	H
	9389.2	-44.02	-13	-31.02	-67.45	-54.09	1.83	11.90	H
	3755.68	-53.02	-13	-40.02	-65.49	-64.75	0.87	12.60	V
	5633.52	-47.12	-13	-34.12	-63.44	-59.15	1.07	13.10	V
	7511.36	-48.05	-13	-35.05	-66.27	-57.66	1.69	11.30	V
	9389.2	-47.17	-13	-34.17	-69.98	-57.24	1.83	11.90	V
Highest	3814.48	-51.38	-13	-38.38	-62.63	-63.11	0.87	12.60	H
	5721.72	-46.69	-13	-33.69	-62.57	-58.72	1.07	13.10	H
	7628.96	-50.09	-13	-37.09	-68.41	-59.70	1.69	11.30	H
	3814.48	-53.11	-13	-40.11	-65.58	-64.84	0.87	12.60	V
	5721.72	-47.53	-13	-34.53	-63.85	-59.56	1.07	13.10	V
	7628.96	-49.37	-13	-36.37	-67.59	-58.98	1.69	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)
Lowest	3701.18	-50.02	-13	-37.02	-61.27	-61.75	0.87	12.60	H
	5551.77	-46.23	-13	-33.23	-62.11	-58.26	1.07	13.10	H
	7402.36	-49.45	-13	-36.45	-67.77	-59.06	1.69	11.30	H
	9252.95	-42.17	-13	-29.17	-65.60	-52.24	1.83	11.90	H
	3701.18	-50.99	-13	-37.99	-63.46	-62.72	0.87	12.60	V
	5551.77	-45.29	-13	-32.29	-61.61	-57.32	1.07	13.10	V
	7402.36	-50.77	-13	-37.77	-68.99	-60.38	1.69	11.30	V
	9252.95	-47.40	-13	-34.40	-70.21	-57.47	1.83	11.90	V
Middle	3751.18	-51.73	-13	-38.73	-62.98	-63.46	0.87	12.60	H
	5626.77	-46.49	-13	-33.49	-62.37	-58.52	1.07	13.10	H
	7502.36	-49.57	-13	-36.57	-67.89	-59.18	1.69	11.30	H
	3751.18	-53.88	-13	-40.88	-66.35	-65.61	0.87	12.60	V
	5626.77	-45.39	-13	-32.39	-61.71	-57.42	1.07	13.10	V
	7502.36	-49.31	-13	-36.31	-67.53	-58.92	1.69	11.30	V
Highest	3801.18	-48.95	-13	-35.95	-60.20	-60.68	0.87	12.60	H
	5701.77	-46.81	-13	-33.81	-62.69	-58.84	1.07	13.10	H
	7602.36	-50.49	-13	-37.49	-68.81	-60.10	1.69	11.30	H
	9502.95	-43.46	-13	-30.46	-66.89	-53.53	1.83	11.90	H
	3801.18	-52.06	-13	-39.06	-64.53	-63.79	0.87	12.60	V
	5701.77	-48.79	-13	-35.79	-65.11	-60.82	1.07	13.10	V
	7602.36	-50.03	-13	-37.03	-68.25	-59.64	1.69	11.30	V
	9502.95	-43.94	-13	-30.94	-66.75	-54.01	1.83	11.90	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	-55.77	-13	-42.77	-67.02	-67.50	0.87	12.60	H
	5552.52	-53.10	-13	-40.10	-68.98	-65.13	1.07	13.10	H
	7403.36	-50.69	-13	-37.69	-69.01	-60.30	1.69	11.30	H
	3701.68	-54.98	-13	-41.98	-67.45	-66.71	0.87	12.60	V
	5552.52	-51.87	-13	-38.87	-68.19	-63.90	1.07	13.10	V
	7403.36	-49.42	-13	-36.42	-67.64	-59.03	1.69	11.30	V
Middle	3746.68	-49.31	-13	-36.31	-60.56	-61.04	0.87	12.60	H
	5620.02	-44.68	-13	-31.68	-60.56	-56.71	1.07	13.10	H
	7493.36	-49.37	-13	-36.37	-67.69	-58.98	1.69	11.30	H
	3746.68	-52.13	-13	-39.13	-64.6	-63.86	0.87	12.60	V
	5620.02	-48.45	-13	-35.45	-64.77	-60.48	1.07	13.10	V
	7493.36	-49.62	-13	-36.62	-67.84	-59.23	1.69	11.30	V
Highest	3791.68	-49.32	-13	-36.32	-60.57	-61.05	0.87	12.60	H
	5687.52	-47.00	-13	-34.00	-62.88	-59.03	1.07	13.10	H
	7583.36	-50.07	-13	-37.07	-68.39	-59.68	1.69	11.30	H
	3791.68	-52.69	-13	-39.69	-65.16	-64.42	0.87	12.60	V
	5687.52	-48.12	-13	-35.12	-64.44	-60.15	1.07	13.10	V
	7583.36	-50.06	-13	-37.06	-68.28	-59.67	1.69	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)
Lowest	3702.18	-50.98	-13	-37.98	-62.23	-62.71	0.87	12.60	H
	5553.27	-45.53	-13	-32.53	-61.41	-57.56	1.07	13.10	H
	7404.36	-50.30	-13	-37.30	-68.62	-59.91	1.69	11.30	H
	3702.18	-53.05	-13	-40.05	-65.52	-64.78	0.87	12.60	V
	5553.27	-46.27	-13	-33.27	-62.59	-58.30	1.07	13.10	V
	7404.36	-49.58	-13	-36.58	-67.8	-59.19	1.69	11.30	V
Middle	3742.18	-50.82	-13	-37.82	-62.07	-62.55	0.87	12.60	H
	5613.27	-46.77	-13	-33.77	-62.65	-58.80	1.07	13.10	H
	7484.36	-49.78	-13	-36.78	-68.10	-59.39	1.69	11.30	H
	3742.18	-52.62	-13	-39.62	-65.09	-64.35	0.87	12.60	V
	5613.27	-47.98	-13	-34.98	-64.3	-60.01	1.07	13.10	V
	7484.36	-49.93	-13	-36.93	-68.15	-59.54	1.69	11.30	V
Highest	3782.18	-50.81	-13	-37.81	-62.06	-62.54	0.87	12.60	H
	5673.27	-45.75	-13	-32.75	-61.63	-57.78	1.07	13.10	H
	7564.36	-50.46	-13	-37.46	-68.78	-60.07	1.69	11.30	H
	3782.18	-51.57	-13	-38.57	-64.04	-63.30	0.87	12.60	V
	5673.27	-47.66	-13	-34.66	-63.98	-59.69	1.07	13.10	V
	7564.36	-50.10	-13	-37.10	-68.32	-59.71	1.69	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)
Lowest	3420.32	-48.97	-13	-35.97	-60.77	-60.72	0.85	12.60	H
	5130.48	-46.49	-13	-33.49	-62.36	-58.24	0.95	12.70	H
	6840.64	-51.42	-13	-38.42	-68.05	-61.94	1.18	11.70	H
	8550.8	-41.73	-13	-28.73	-63.26	-52.11	1.52	11.90	H
	3420.32	-53.15	-13	-40.15	-63.38	-64.94	0.81	12.60	V
	5130.48	-49.58	-13	-36.58	-62.18	-61.33	0.95	12.70	V
	6840.64	-51.15	-13	-38.15	-68.33	-61.72	1.13	11.70	V
	8550.8	-46.90	-13	-33.90	-66.73	-57.28	1.52	11.90	V
Middle	3463.74	-47.05	-13	-34.05	-58.85	-58.80	0.85	12.60	H
	5195.61	-46.06	-13	-33.06	-61.93	-57.81	0.95	12.70	H
	6927.48	-52.16	-13	-39.16	-68.79	-62.68	1.18	11.70	H
	8659.35	-44.23	-13	-31.23	-65.76	-54.61	1.52	11.90	H
	3463.74	-53.47	-13	-40.47	-63.7	-65.26	0.81	12.60	V
	5195.61	-49.39	-13	-36.39	-61.99	-61.14	0.95	12.70	V
	6927.48	-51.43	-13	-38.43	-68.61	-62.00	1.13	11.70	V
	8659.35	-48.19	-13	-35.19	-68.02	-58.57	1.52	11.90	V
Highest	3507.52	-47.36	-13	-34.36	-59.16	-59.11	0.85	12.60	H
	5261.28	-46.29	-13	-33.29	-62.16	-58.04	0.95	12.70	H
	7015.04	-51.57	-13	-38.57	-68.20	-62.09	1.18	11.70	H
	8768.8	-47.07	-13	-34.07	-68.60	-57.45	1.52	11.90	H
	3465.2	-52.82	-13	-39.82	-63.05	-64.61	0.81	12.60	V
	5197.8	-49.06	-13	-36.06	-61.66	-60.81	0.95	12.70	V
	6930.4	-51.00	-13	-38.00	-68.18	-61.57	1.13	11.70	V
	8768.8	-47.25	-13	-34.25	-67.08	-57.63	1.52	11.90	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	-48.35	-13	-35.35	-60.15	-60.10	0.85	12.60	H
	5130.72	-45.69	-13	-32.69	-61.56	-57.44	0.95	12.70	H
	6840.96	-51.46	-13	-38.46	-68.09	-61.98	1.18	11.70	H
	8551.2	-40.61	-13	-27.61	-62.14	-50.99	1.52	11.90	H
	3420.48	-52.88	-13	-39.88	-63.11	-64.67	0.81	12.60	V
	5130.72	-50.55	-13	-37.55	-63.15	-62.30	0.95	12.70	V
	6840.96	-51.13	-13	-38.13	-68.31	-61.70	1.13	11.70	V
	8551.2	-46.89	-13	-33.89	-66.72	-57.27	1.52	11.90	V
Middle	3462.3	-46.92	-13	-33.92	-58.72	-58.67	0.85	12.60	H
	5193.45	-45.22	-13	-32.22	-61.09	-56.97	0.95	12.70	H
	6924.6	-51.20	-13	-38.20	-67.83	-61.72	1.18	11.70	H
	8655.75	-43.98	-13	-30.98	-65.51	-54.36	1.52	11.90	H
	3462.3	-53.35	-13	-40.35	-63.58	-65.14	0.81	12.60	V
	5193.45	-50.09	-13	-37.09	-62.69	-61.84	0.95	12.70	V
	6924.6	-51.19	-13	-38.19	-68.37	-61.76	1.13	11.70	V
	8655.75	-48.84	-13	-35.84	-68.67	-59.22	1.52	11.90	V
Highest	3504.48	-47.18	-13	-34.18	-58.98	-58.93	0.85	12.60	H
	5256.72	-45.76	-13	-32.76	-61.63	-57.51	0.95	12.70	H
	7008.96	-51.43	-13	-38.43	-68.06	-61.95	1.18	11.70	H
	3504.48	-52.87	-13	-39.87	-63.1	-64.66	0.81	12.60	V
	5256.72	-48.59	-13	-35.59	-61.19	-60.34	0.95	12.70	V
	7008.96	-50.97	-13	-37.97	-68.15	-61.54	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	-48.94	-13	-35.94	-60.74	-60.69	0.85	12.60	H
	5131.02	-47.31	-13	-34.31	-63.18	-59.06	0.95	12.70	H
	6841.36	-51.60	-13	-38.60	-68.23	-62.12	1.18	11.70	H
	8551.25	-41.57	-13	-28.57	-63.10	-51.95	1.52	11.90	H
	3420.68	-51.62	-13	-38.62	-61.85	-63.41	0.81	12.60	V
	5131.02	-47.55	-13	-34.55	-60.15	-59.30	0.95	12.70	V
	6841.36	-50.26	-13	-37.26	-67.44	-60.83	1.13	11.70	V
Middle	8551.25	-45.43	-13	-32.43	-65.26	-55.81	1.52	11.90	V
	3460.68	-48.68	-13	-35.68	-60.48	-60.43	0.85	12.60	H
	5191.02	-45.70	-13	-32.70	-61.57	-57.45	0.95	12.70	H
	6921.36	-49.60	-13	-36.60	-66.23	-60.12	1.18	11.70	H
	8651.25	-44.33	-13	-31.33	-65.86	-54.71	1.52	11.90	H
	3460.68	-53.76	-13	-40.76	-63.99	-65.55	0.81	12.60	V
	5191.02	-48.14	-13	-35.14	-60.74	-59.89	0.95	12.70	V
Highest	6921.36	-49.89	-13	-36.89	-67.07	-60.46	1.13	11.70	V
	8651.25	-48.37	-13	-35.37	-68.2	-58.75	1.52	11.90	V
	3500.68	-45.39	-13	-32.39	-57.19	-57.14	0.85	12.60	H
	5251.02	-46.59	-13	-33.59	-62.46	-58.34	0.95	12.70	H
	7001.36	-50.96	-13	-37.96	-67.59	-61.48	1.18	11.70	H
	3500.68	-49.90	-13	-36.90	-60.13	-61.69	0.81	12.60	V
	5251.02	-45.29	-13	-32.29	-58.86	-57.04	0.95	12.70	V
	7001.36	-51.47	-13	-38.47	-68.65	-62.04	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	-49.00	-13	-36.00	-60.80	-60.75	0.85	12.60	H
	5131.77	-46.21	-13	-33.21	-62.08	-57.96	0.95	12.70	H
	6842.36	-52.32	-13	-39.32	-68.95	-62.84	1.18	11.70	H
	8552.5	-42.31	-13	-29.31	-63.84	-52.69	1.52	11.90	H
	3421.18	-52.30	-13	-39.30	-62.53	-64.09	0.81	12.60	V
	5131.77	-48.21	-13	-35.21	-60.81	-59.96	0.95	12.70	V
	6842.36	-51.58	-13	-38.58	-68.76	-62.15	1.13	11.70	V
	8552.5	-46.01	-13	-33.01	-65.84	-56.39	1.52	11.90	V
Middle	3456.18	-48.48	-13	-35.48	-60.28	-60.23	0.85	12.60	H
	5184.27	-45.54	-13	-32.54	-61.41	-57.29	0.95	12.70	H
	6912.36	-48.61	-13	-35.61	-65.24	-59.13	1.18	11.70	H
	8640	-42.42	-13	-29.42	-63.95	-52.80	1.52	11.90	H
	3456.18	-54.02	-13	-41.02	-64.25	-65.81	0.81	12.60	V
	5184.27	-49.20	-13	-36.20	-61.8	-60.95	0.95	12.70	V
	6912.36	-50.95	-13	-37.95	-68.13	-61.52	1.13	11.70	V
	8640	-48.34	-13	-35.34	-68.17	-58.72	1.52	11.90	V
Highest	3491.18	-46.89	-13	-33.89	-58.69	-58.64	0.85	12.60	H
	5236.77	-45.04	-13	-32.04	-60.91	-56.79	0.95	12.70	H
	6982.36	-51.79	-13	-38.79	-68.42	-62.31	1.18	11.70	H
	8727.5	-44.66	-13	-31.66	-66.19	-55.04	1.52	11.90	H
	3491.18	-52.59	-13	-39.59	-62.82	-64.38	0.81	12.60	V
	5236.77	-47.27	-13	-34.27	-59.87	-59.02	0.95	12.70	V
	6982.36	-51.19	-13	-38.19	-68.37	-61.76	1.13	11.70	V
	8727.5	-47.27	-13	-34.27	-67.1	-57.65	1.52	11.90	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	-48.03	-13	-35.03	-59.83	-59.78	0.85	12.60	H
	5132.52	-45.03	-13	-32.03	-60.90	-56.78	0.95	12.70	H
	6843.36	-51.88	-13	-38.88	-68.51	-62.40	1.18	11.70	H
	8554.2	-41.04	-13	-28.04	-62.57	-51.42	1.52	11.90	H
	3421.68	-52.96	-13	-39.96	-63.19	-64.75	0.81	12.60	V
	5132.52	-50.29	-13	-37.29	-62.89	-62.04	0.95	12.70	V
	6843.36	-51.27	-13	-38.27	-68.45	-61.84	1.13	11.70	V
	8554.2	-46.32	-13	-33.32	-66.15	-56.70	1.52	11.90	V
Middle	3451.68	-47.81	-13	-34.81	-59.61	-59.56	0.85	12.60	H
	5177.52	-45.29	-13	-32.29	-61.16	-57.04	0.95	12.70	H
	6903.36	-52.23	-13	-39.23	-68.86	-62.75	1.18	11.70	H
	3451.68	-53.15	-13	-40.15	-63.38	-64.94	0.81	12.60	V
	5177.52	-49.81	-13	-36.81	-62.41	-61.56	0.95	12.70	V
	6903.36	-51.05	-13	-38.05	-68.23	-61.62	1.13	11.70	V
Highest	3481.68	-47.87	-13	-34.87	-59.67	-59.62	0.85	12.60	H
	5222.52	-45.15	-13	-32.15	-61.02	-56.90	0.95	12.70	H
	6963.36	-51.55	-13	-38.55	-68.18	-62.07	1.18	11.70	H
	8704.2	-45.35	-13	-32.35	-66.88	-55.73	1.52	11.90	H
	3481.68	-52.08	-13	-39.08	-62.31	-63.87	0.81	12.60	V
	5222.52	-48.99	-13	-35.99	-61.59	-60.74	0.95	12.70	V
	6963.36	-51.24	-13	-38.24	-68.42	-61.81	1.13	11.70	V
	8704.2	-49.25	-13	-36.25	-69.08	-59.63	1.52	11.90	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	-48.28	-13	-35.28	-60.08	-60.03	0.85	12.60	H
	5133.27	-45.85	-13	-32.85	-61.72	-57.60	0.95	12.70	H
	6844.36	-51.97	-13	-38.97	-68.60	-62.49	1.18	11.70	H
	8555.45	-43.44	-13	-30.44	-64.97	-53.82	1.52	11.90	H
	3422.18	-53.40	-13	-40.40	-63.63	-65.19	0.81	12.60	V
	5133.27	-49.76	-13	-36.76	-62.36	-61.51	0.95	12.70	V
	6844.36	-51.04	-13	-38.04	-68.22	-61.61	1.13	11.70	V
Middle	8555.45	-44.47	-13	-31.47	-64.3	-54.85	1.52	11.90	V
	3447.18	-47.47	-13	-34.47	-59.27	-59.22	0.85	12.60	H
	5170.77	-46.16	-13	-33.16	-62.03	-57.91	0.95	12.70	H
	6894.36	-52.18	-13	-39.18	-68.81	-62.70	1.18	11.70	H
	3447.18	-53.23	-13	-40.23	-63.46	-65.02	0.81	12.60	V
Highest	5170.77	-48.75	-13	-35.75	-61.35	-60.50	0.95	12.70	V
	6894.36	-51.69	-13	-38.69	-68.87	-62.26	1.13	11.70	V
	3472.18	-47.29	-13	-34.29	-59.09	-59.04	0.85	12.60	H
	5208.27	-45.23	-13	-32.23	-61.10	-56.98	0.95	12.70	H
	6944.36	-51.26	-13	-38.26	-67.89	-61.78	1.18	11.70	H
	3472.18	-52.34	-13	-39.34	-62.57	-64.13	0.81	12.60	V
	5208.27	-48.71	-13	-35.71	-61.31	-60.46	0.95	12.70	V
	6944.36	-51.23	-13	-38.23	-68.41	-61.80	1.13	11.70	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)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000.68	-48.57	-25	-23.57	-63.45	-60.32	0.95	12.70	H
	7501.02	-45.81	-25	-20.81	-66.90	-56.33	1.18	11.70	H
	10001.36	-40.93	-25	-15.93	-66.11	-51.58	1.45	12.10	H
	5000.68	-49.10	-25	-24.10	-64.23	-60.85	0.95	12.70	V
	7501.02	-40.24	-25	-15.24	-60.99	-50.76	1.18	11.70	V
	10001.36	-43.75	-25	-18.75	-66.61	-54.40	1.45	12.10	V
Middle	5065.68	-49.47	-25	-24.47	-64.35	-61.22	0.95	12.70	H
	7598.52	-45.19	-25	-20.19	-66.28	-55.71	1.18	11.70	H
	10131.36	-39.54	-25	-14.54	-64.72	-50.19	1.45	12.10	H
	5065.68	-49.05	-25	-24.05	-64.18	-60.80	0.95	12.70	V
	7598.52	-38.86	-25	-13.86	-59.61	-49.38	1.18	11.70	V
	10131.36	-44.66	-25	-19.66	-67.52	-55.31	1.45	12.10	V
Highest	5130.68	-50.85	-25	-25.85	-65.73	-62.60	0.95	12.70	H
	7696.02	-44.78	-25	-19.78	-65.87	-55.30	1.18	11.70	H
	10261.36	-41.64	-25	-16.64	-66.82	-52.29	1.45	12.10	H
	5130.68	-48.86	-25	-23.86	-63.99	-60.61	0.95	12.70	V
	7696.02	-38.46	-25	-13.46	-59.21	-48.98	1.18	11.70	V
	10261.36	-45.03	-25	-20.03	-67.89	-55.68	1.45	12.10	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.18	-48.02	-25	-23.02	-62.90	-59.77	0.95	12.70	H
	7501.77	-45.33	-25	-20.33	-66.42	-55.85	1.18	11.70	H
	10002.36	-41.52	-25	-16.52	-66.70	-52.17	1.45	12.10	H
	5001.18	-50.26	-25	-25.26	-65.39	-62.01	0.95	12.70	V
	7501.77	-40.07	-25	-15.07	-60.82	-50.59	1.18	11.70	V
	10002.36	-42.88	-25	-17.88	-65.74	-53.53	1.45	12.10	V
Middle	5061.18	-50.56	-25	-25.56	-65.44	-62.31	0.95	12.70	H
	7591.77	-44.43	-25	-19.43	-65.52	-54.95	1.18	11.70	H
	10122.36	-41.66	-25	-16.66	-66.84	-52.31	1.45	12.10	H
	5061.18	-49.01	-25	-24.01	-64.14	-60.7556	0.95	12.70	V
	7591.77	-40.08	-25	-15.08	-60.83	-50.5956	1.18	11.70	V
	10122.36	-41.87	-25	-16.87	-64.73	-52.5156	1.45	12.10	V
Highest	5121.18	-49.75	-25	-24.75	-64.63	-61.50	0.95	12.70	H
	7681.77	-43.12	-25	-18.12	-64.21	-53.64	1.18	11.70	H
	10242.36	-41.05	-25	-16.05	-66.23	-51.70	1.45	12.10	H
	5121.18	-49.80	-25	-24.80	-64.93	-61.55	0.95	12.70	V
	7681.77	-39.83	-25	-14.83	-60.58	-50.35	1.18	11.70	V
	10242.36	-43.00	-25	-18.00	-65.86	-53.65	1.45	12.10	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.68	-47.81	-25	-22.81	-62.69	-59.56	0.95	12.70	H
	7502.52	-46.43	-25	-21.43	-67.52	-56.95	1.18	11.70	H
	10003.36	-40.87	-25	-15.87	-66.05	-51.52	1.45	12.10	H
	5001.68	-50.95	-25	-25.95	-66.08	-62.70	0.95	12.70	V
	7502.52	-40.80	-25	-15.80	-61.55	-51.32	1.18	11.70	V
	10003.36	-43.25	-25	-18.25	-66.11	-53.90	1.45	12.10	V
Middle	5056.68	-47.94	-25	-22.94	-62.82	-59.69	0.95	12.70	H
	7585.02	-44.93	-25	-19.93	-66.02	-55.45	1.18	11.70	H
	10113.00	-37.94	-25	-12.94	-63.12	-48.59	1.45	12.10	H
	5056.68	-48.49	-25	-23.49	-63.62	-60.24	0.95	12.70	V
	7585.02	-41.83	-25	-16.83	-62.58	-52.35	1.18	11.70	V
	10113	-40.30	-25	-15.30	-63.16	-50.95	1.45	12.10	V
Highest	5111.68	-51.57	-25	-26.57	-66.45	-63.32	0.95	12.70	H
	7667.52	-45.28	-25	-20.28	-66.37	-55.80	1.18	11.70	H
	10223.36	-39.76	-25	-14.76	-64.94	-50.41	1.45	12.10	H
	5111.68	-49.17	-25	-24.17	-64.3	-60.92	0.95	12.70	V
	7667.52	-41.01	-25	-16.01	-61.76	-51.53	1.18	11.70	V
	10223.36	-42.76	-25	-17.76	-65.62	-53.41	1.45	12.10	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-48.78	-25	-23.78	-63.66	-60.53	0.95	12.70	H
	7503.27	-44.63	-25	-19.63	-65.72	-55.15	1.18	11.70	H
	10004.36	-40.82	-25	-15.82	-66.00	-51.47	1.45	12.10	H
	5002.18	-49.18	-25	-24.18	-64.31	-60.93	0.95	12.70	V
	7503.27	-39.59	-25	-14.59	-60.34	-50.11	1.18	11.70	V
	10004.36	-42.72	-25	-17.72	-65.58	-53.37	1.45	12.10	V
Middle	5052.18	-48.93	-25	-23.93	-63.81	-60.68	0.95	12.70	H
	7578.27	-44.91	-25	-19.91	-66.00	-55.43	1.18	11.70	H
	10104.36	-37.80	-25	-12.80	-62.98	-48.45	1.45	12.10	H
	5052.18	-50.22	-25	-25.22	-65.35	-61.97	0.95	12.70	V
	7578.27	-42.41	-25	-17.41	-63.16	-52.93	1.18	11.70	V
	10104.36	-40.03	-25	-15.03	-62.89	-50.68	1.45	12.10	V
Highest	5102.18	-49.99	-25	-24.99	-64.87	-61.74	0.95	12.70	H
	7653.27	-41.63	-25	-16.63	-62.72	-52.15	1.18	11.70	H
	10204.36	-40.13	-25	-15.13	-65.31	-50.78	1.45	12.10	H
	5102.18	-49.66	-25	-24.66	-64.79	-61.41	0.95	12.70	V
	7653.27	-39.45	-25	-14.45	-60.2	-49.97	1.18	11.70	V
	10204.36	-41.51	-25	-16.51	-64.37	-52.16	1.45	12.10	V

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