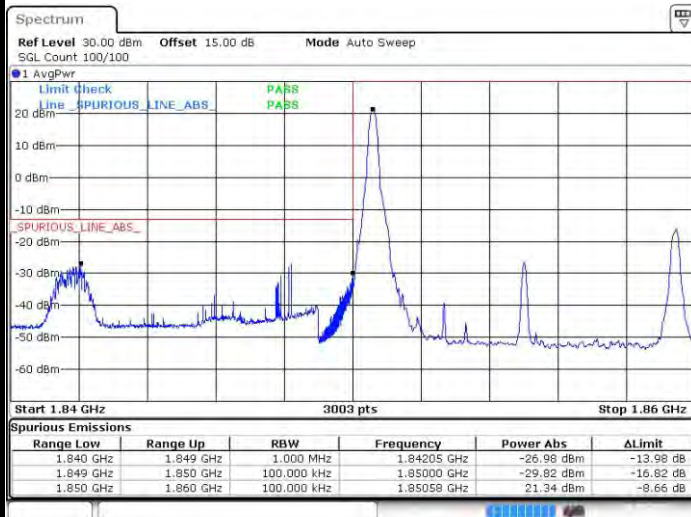


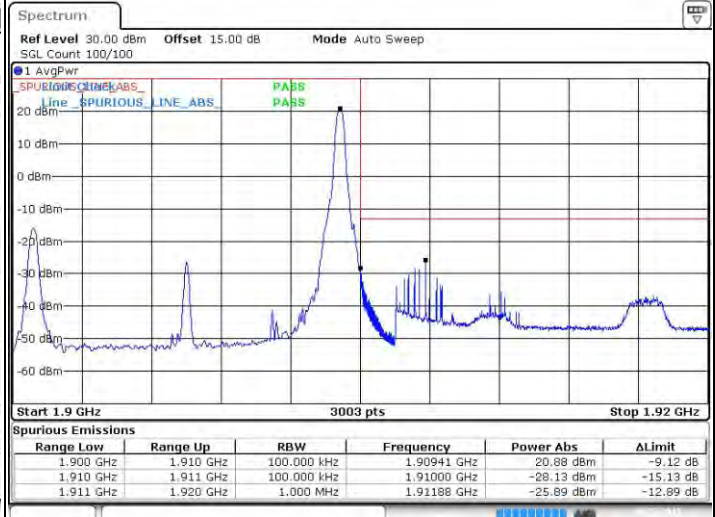


LTE Band 2 / 10MHz / 16QAM

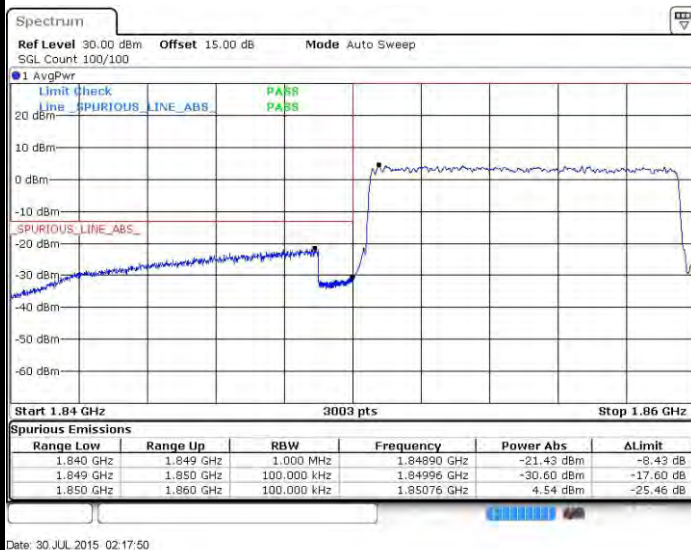
Lowest Band Edge / 1 RB



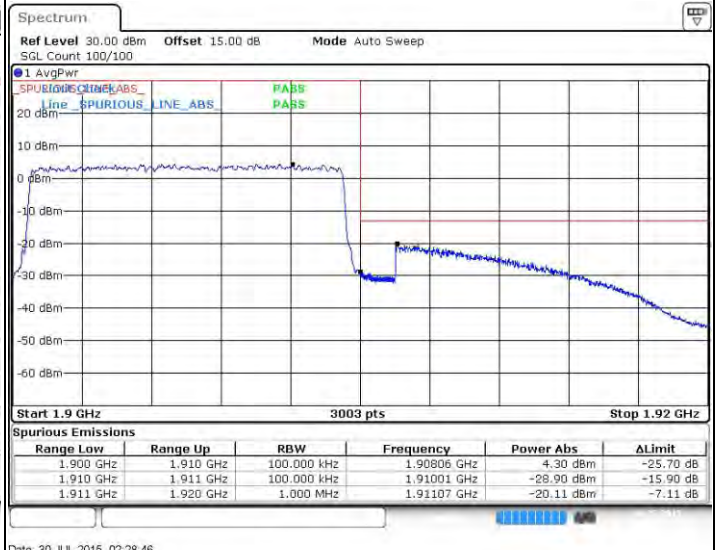
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



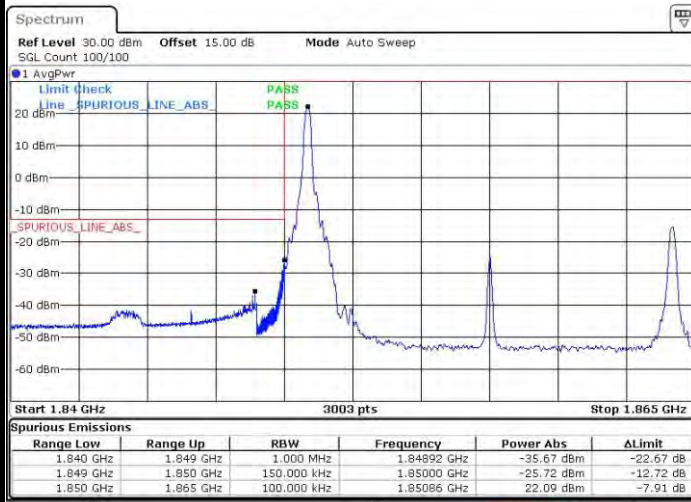
Highest Band Edge / Full RB



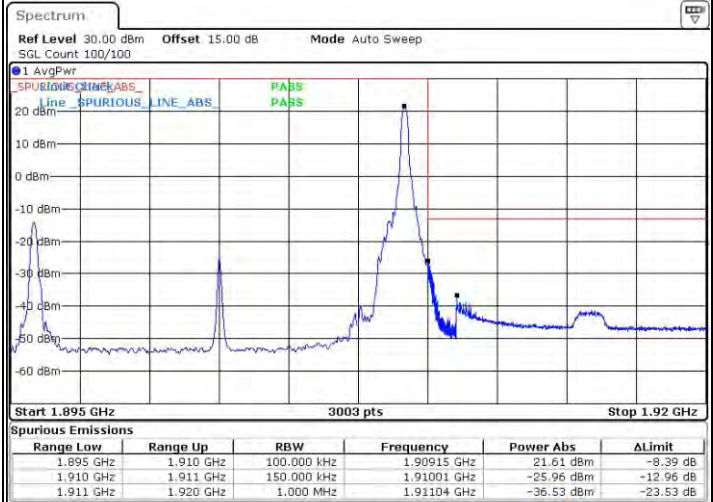


LTE Band 2 / 15MHz / QPSK

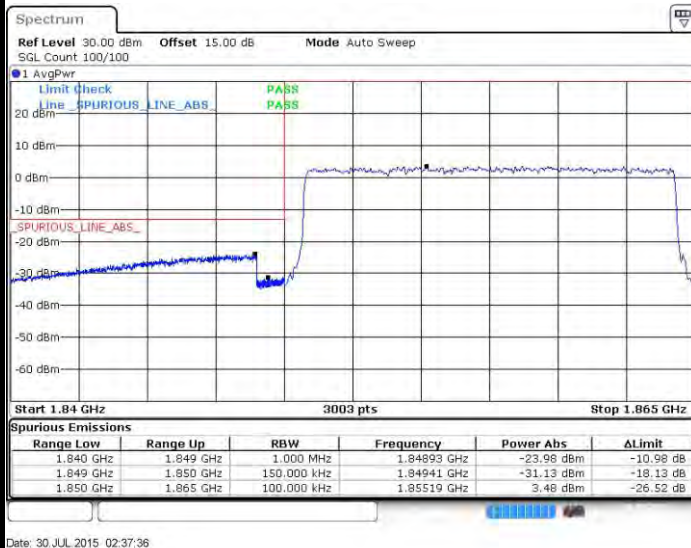
Lowest Band Edge / 1 RB



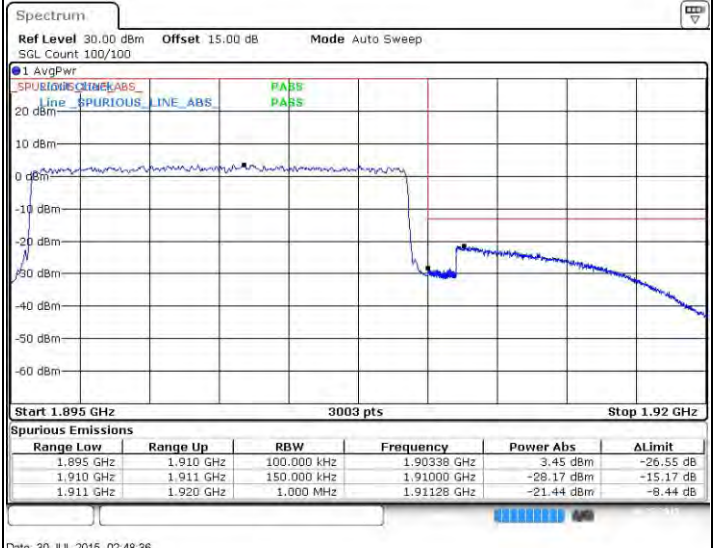
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



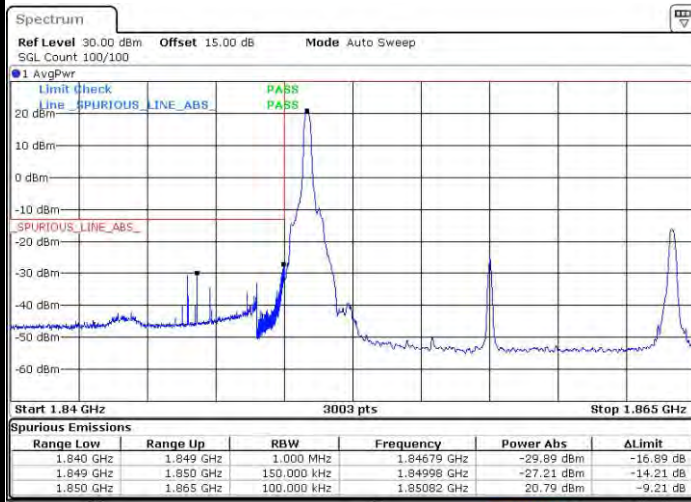
Highest Band Edge / Full RB



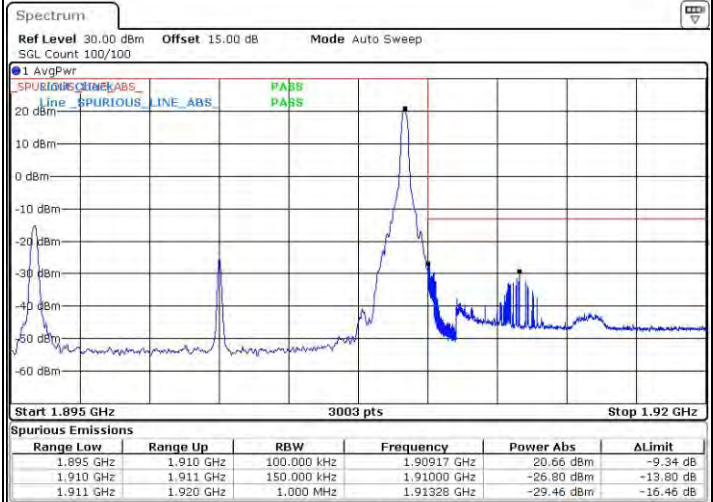


LTE Band 2 / 15MHz / 16QAM

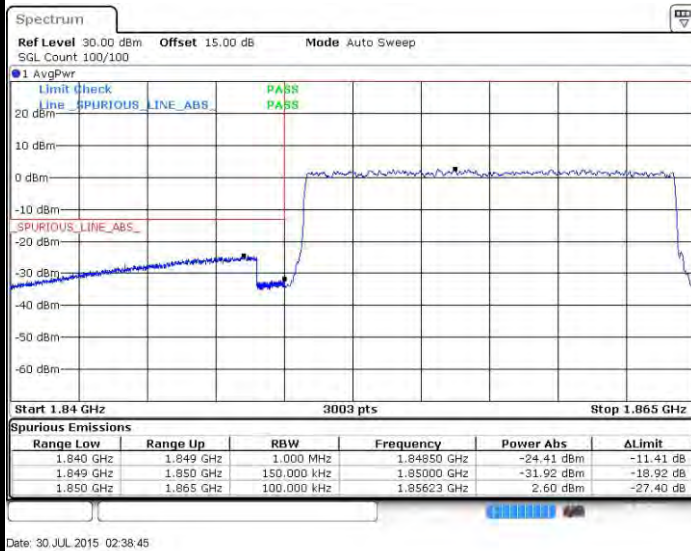
Lowest Band Edge / 1 RB



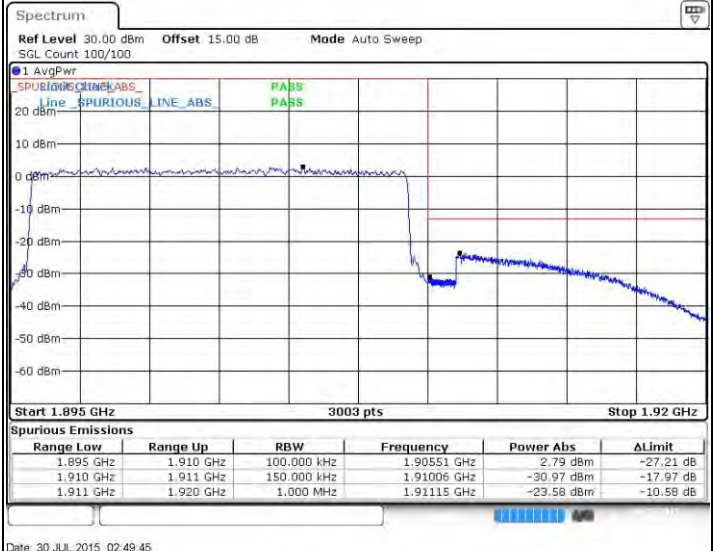
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



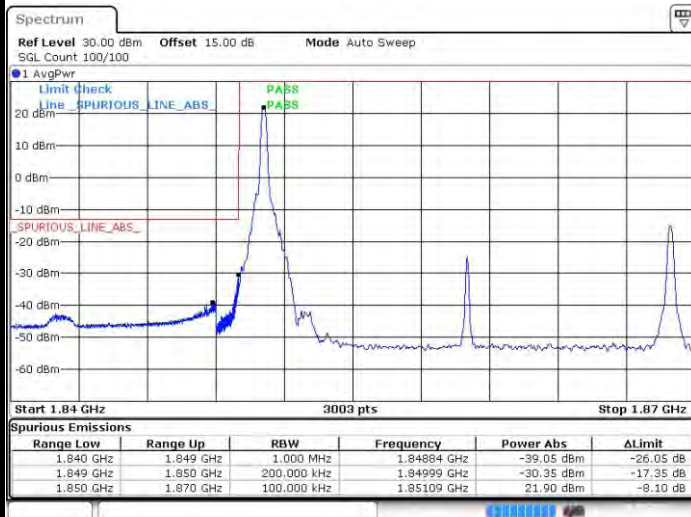
Highest Band Edge / Full RB



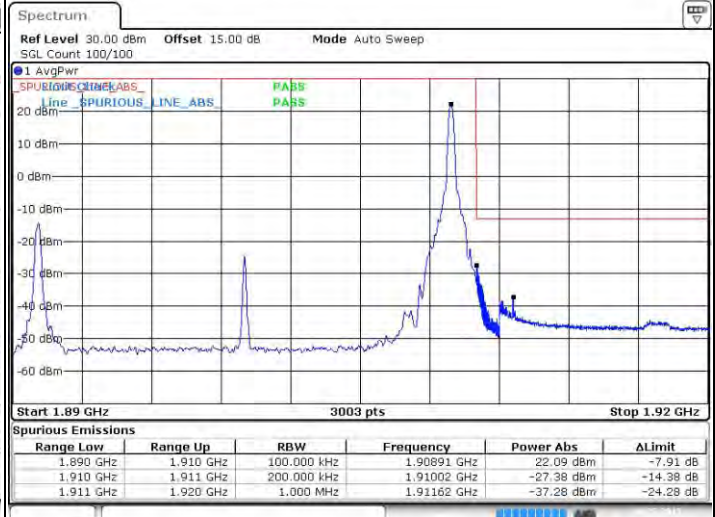


LTE Band 2 / 20MHz / QPSK

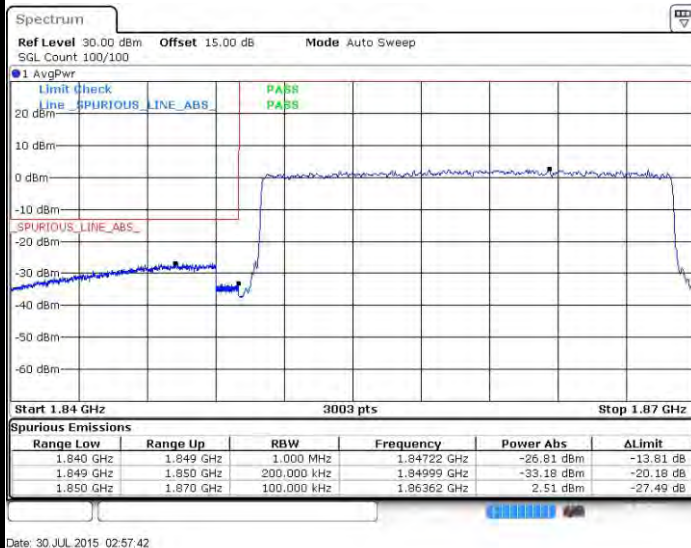
Lowest Band Edge / 1 RB



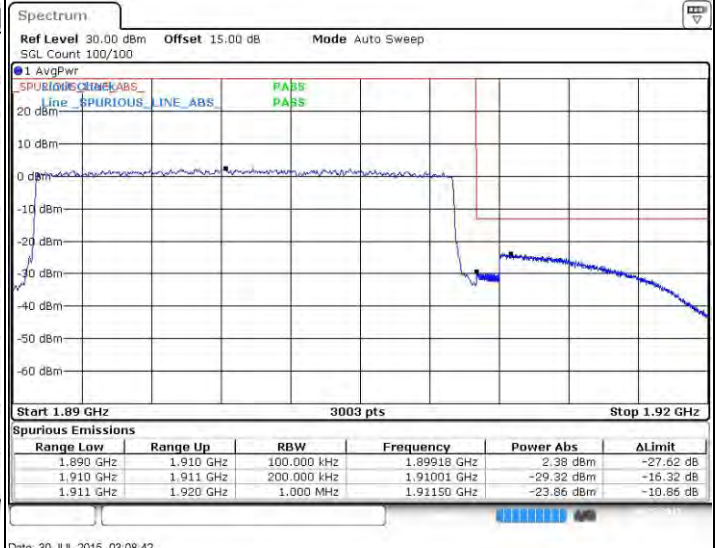
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



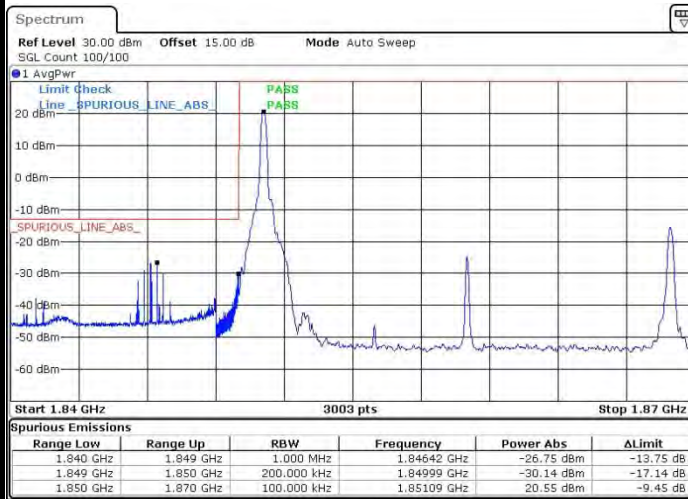
Highest Band Edge / Full RB



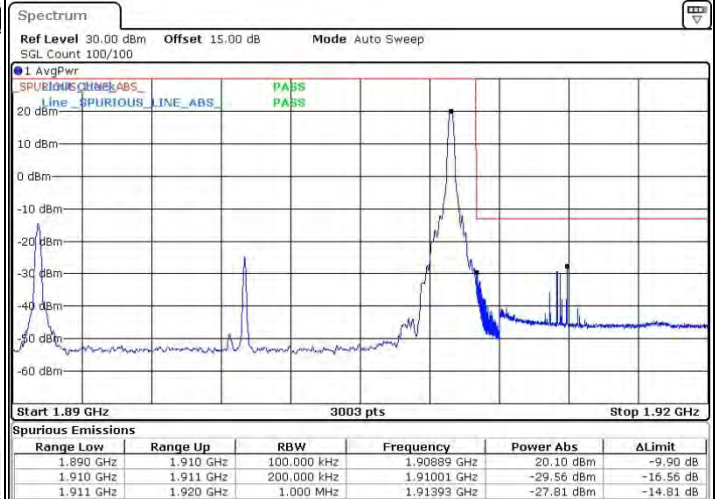


LTE Band 2 / 20MHz / 16QAM

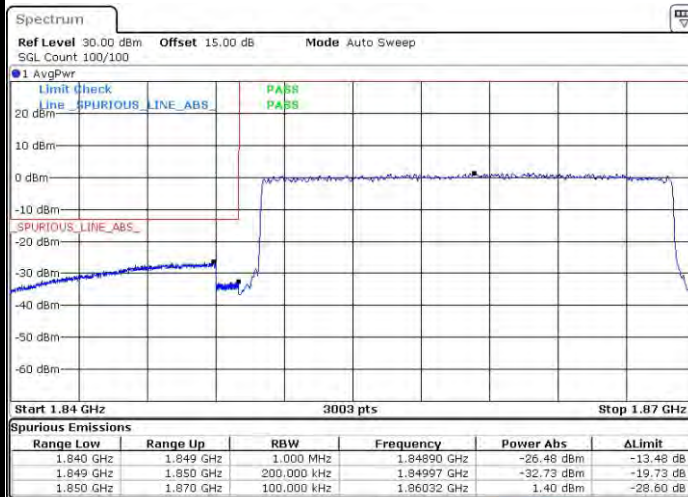
Lowest Band Edge / 1 RB



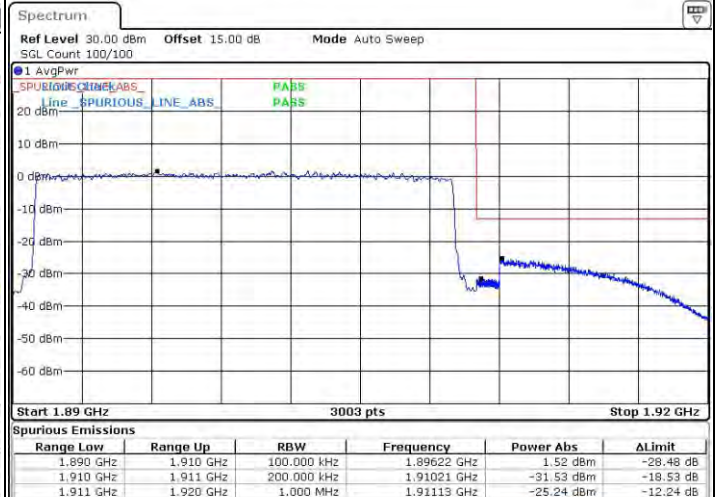
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



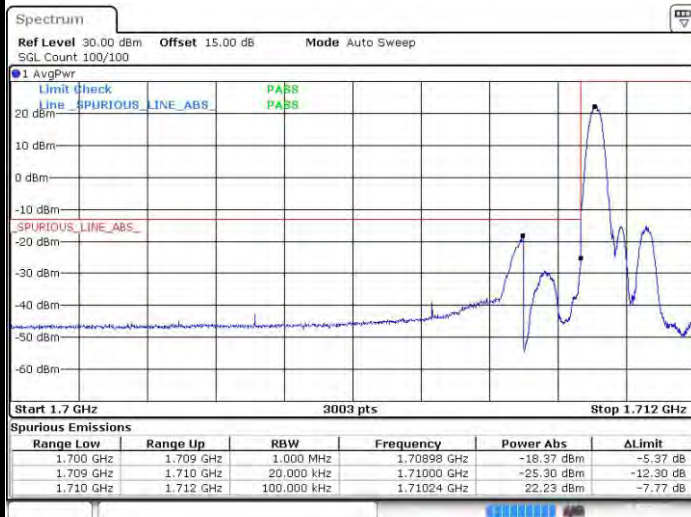
Highest Band Edge / Full RB



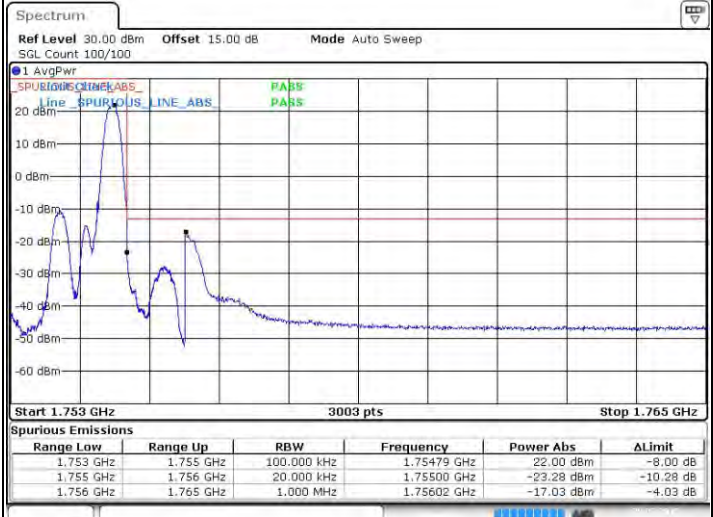


LTE Band 4 / 1.4MHz / QPSK

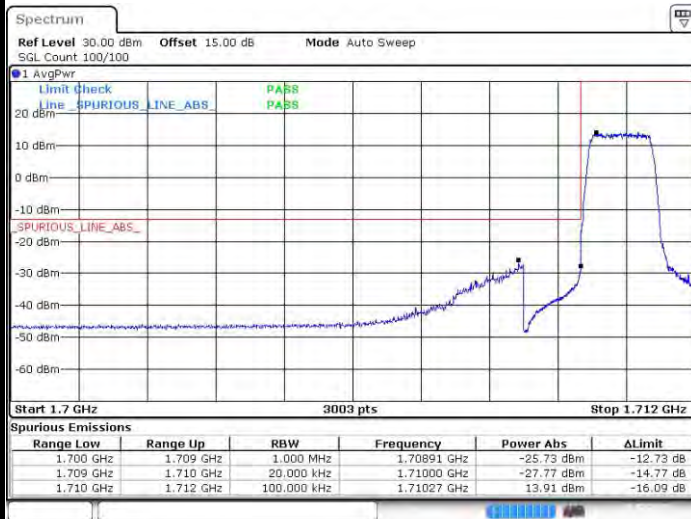
Lowest Band Edge / 1RB



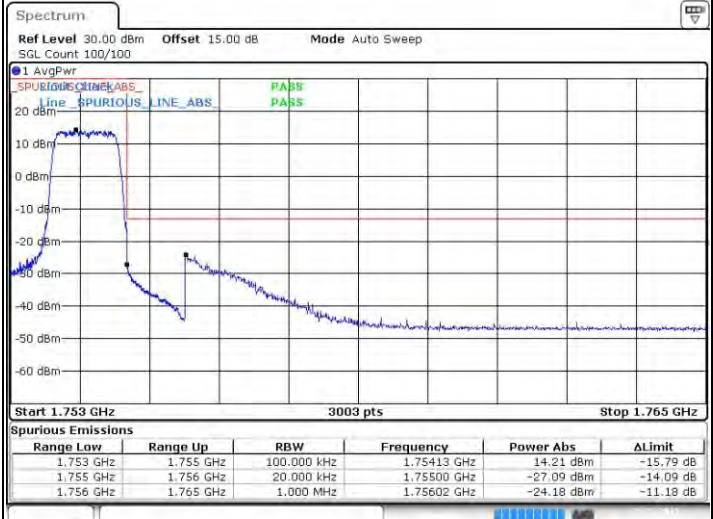
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



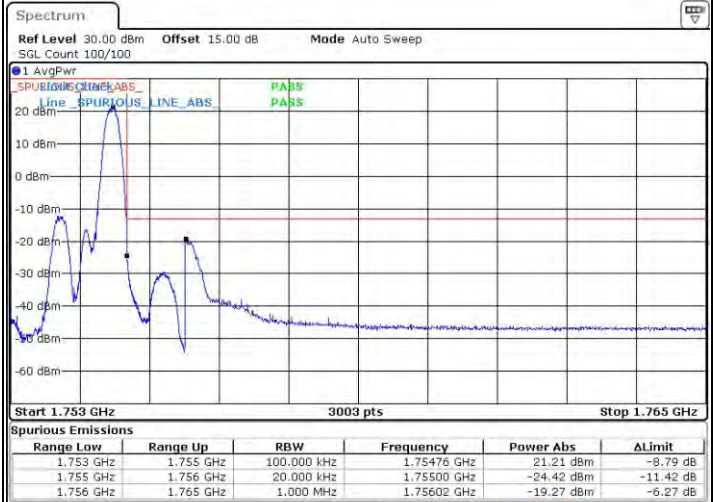


LTE Band 4 / 1.4MHz / 16QAM

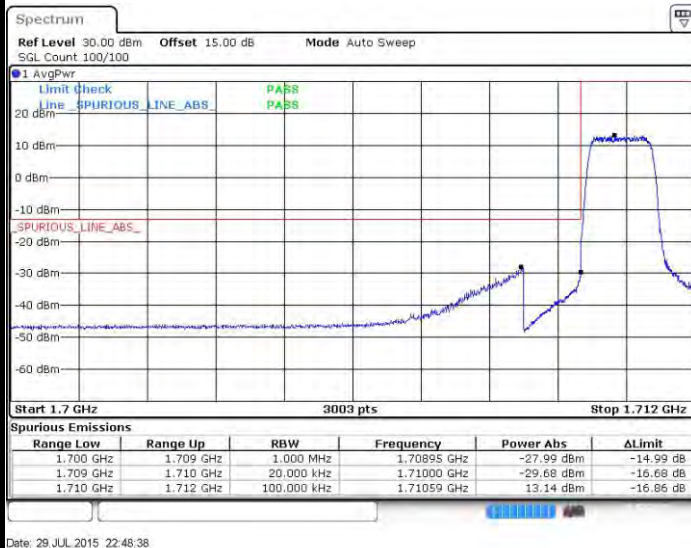
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



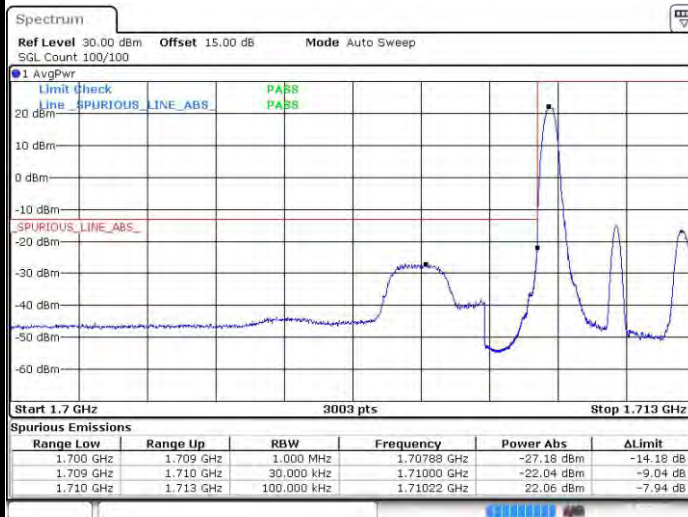
Highest Band Edge / Full RB



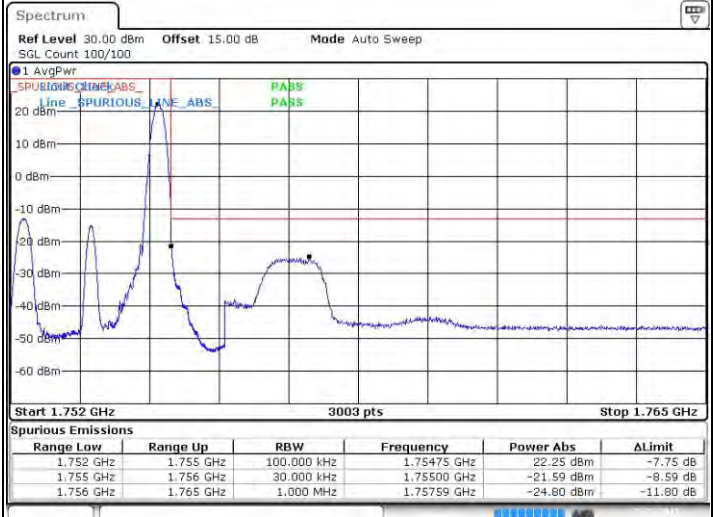


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



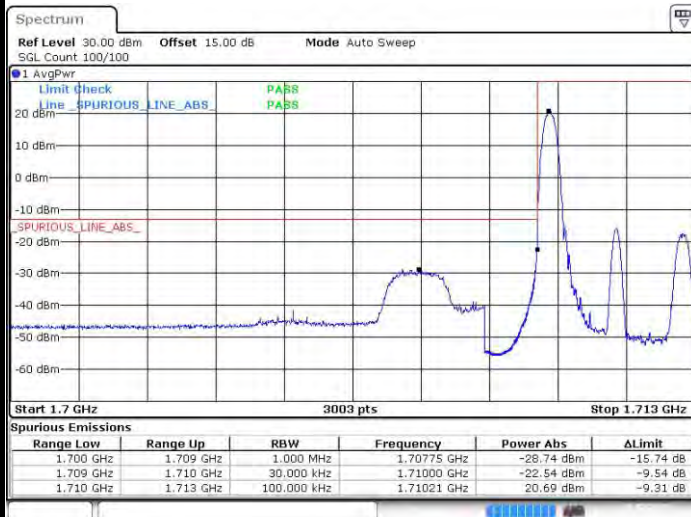
Highest Band Edge / Full RB



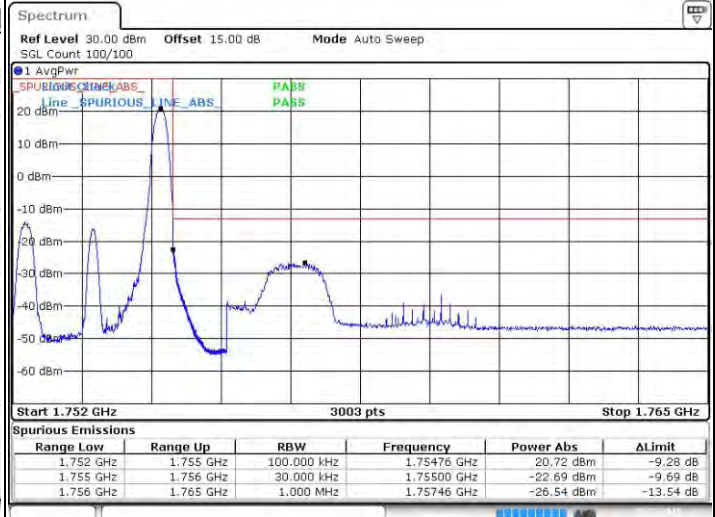


LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



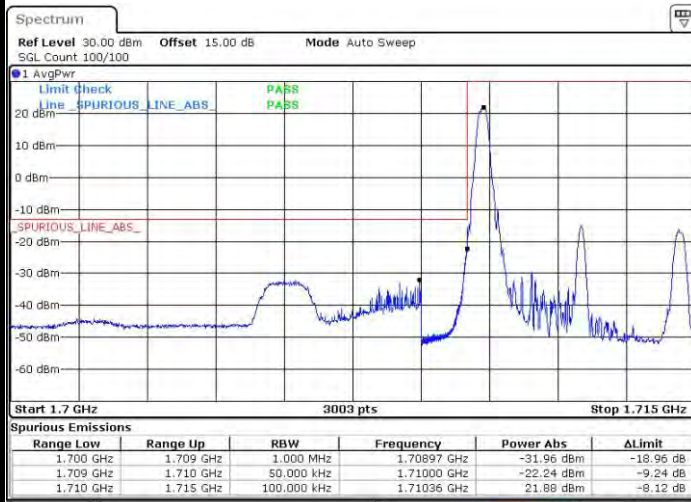
Highest Band Edge / Full RB



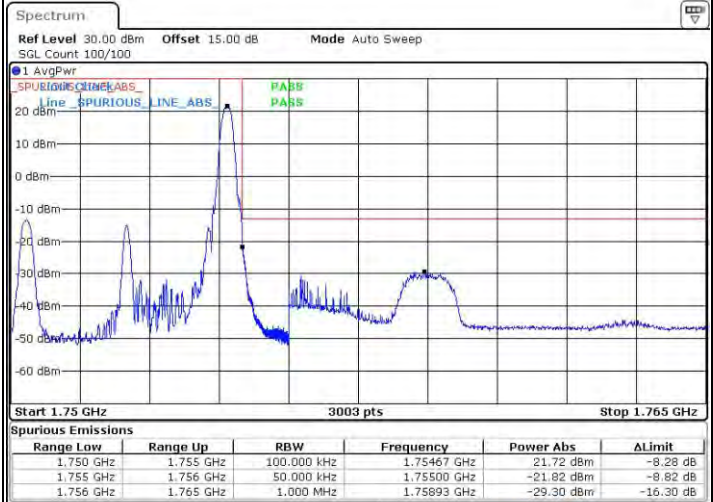


LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



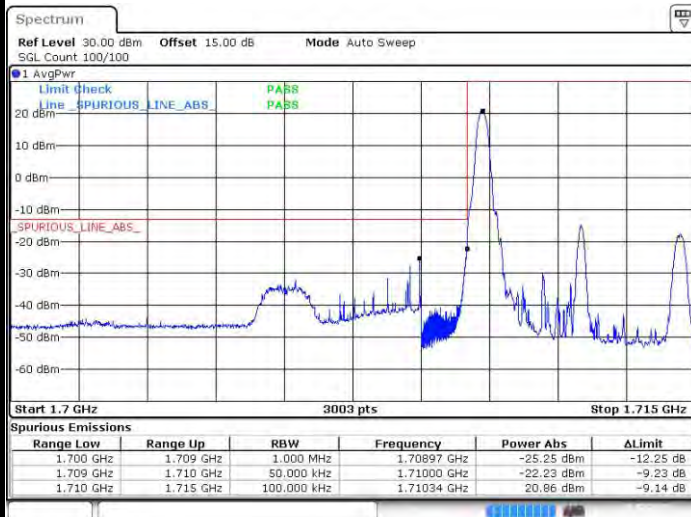
Highest Band Edge / Full RB



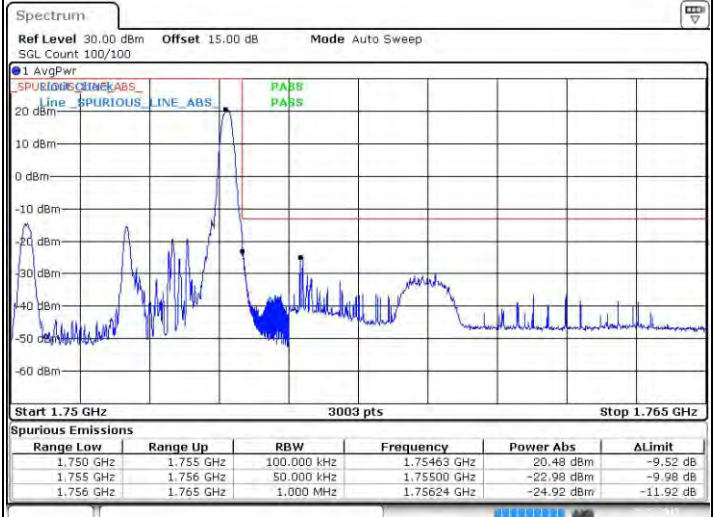


LTE Band 4 / 5MHz / 16QAM

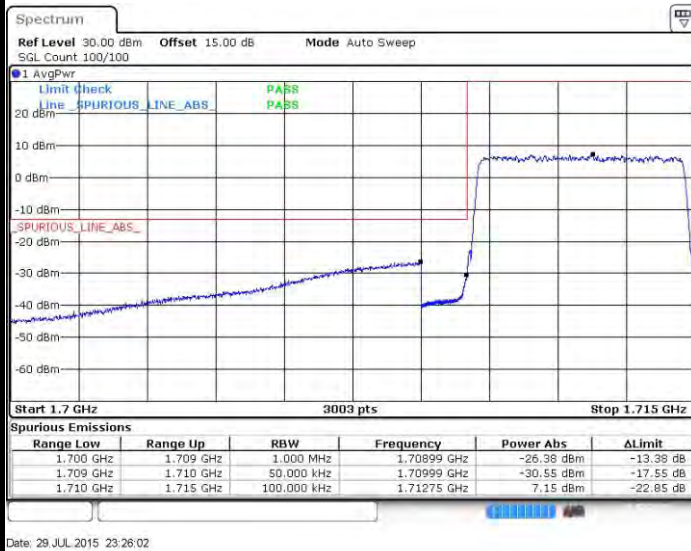
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



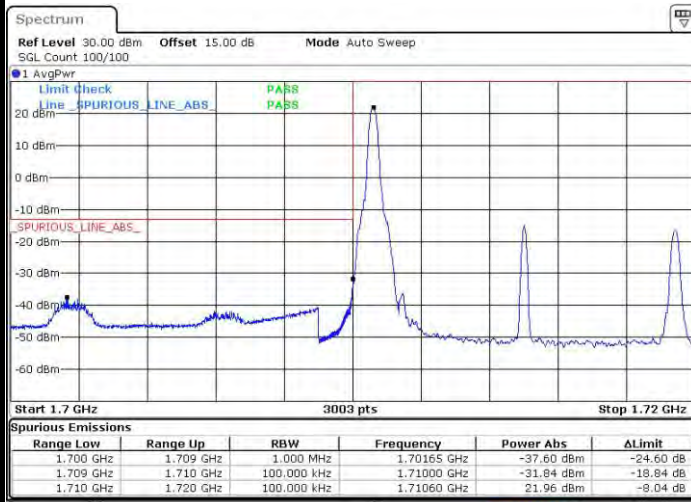
Highest Band Edge / Full RB



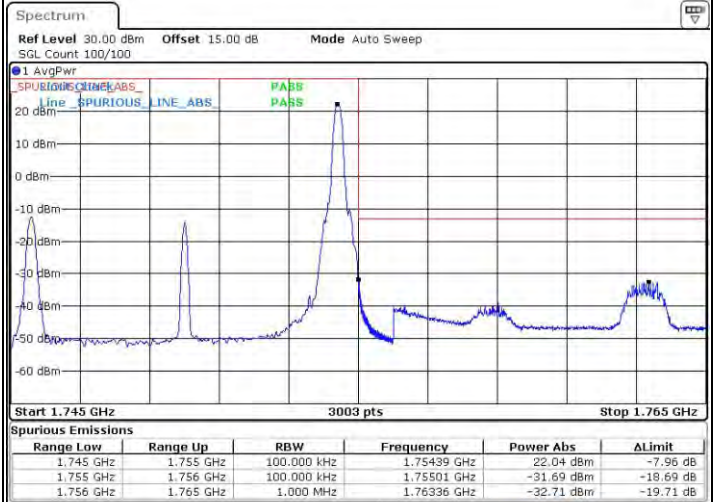


LTE Band 4 / 10MHz / QPSK

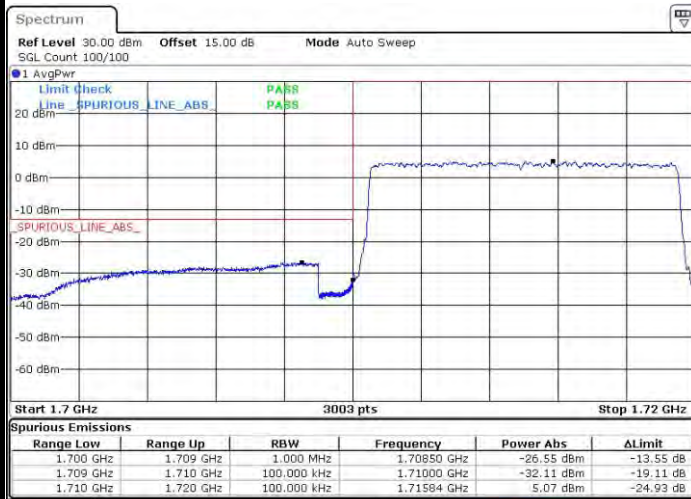
Lowest Band Edge / 1 RB



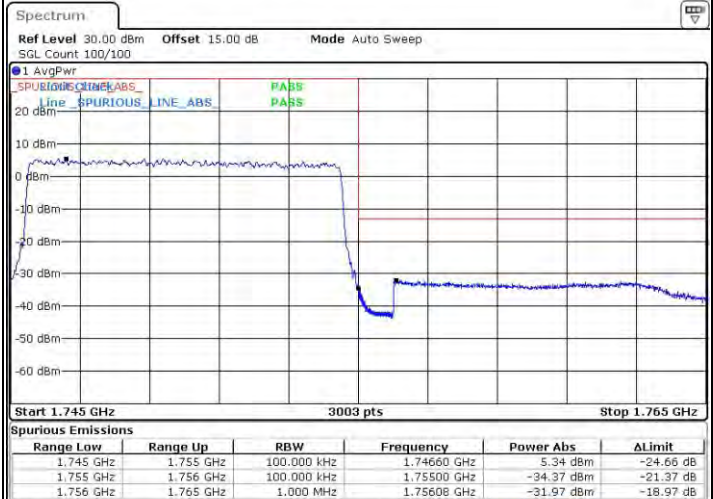
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



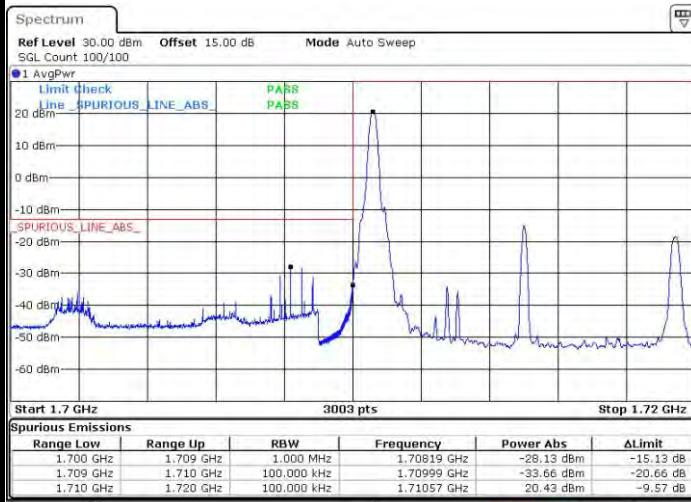
Highest Band Edge / Full RB



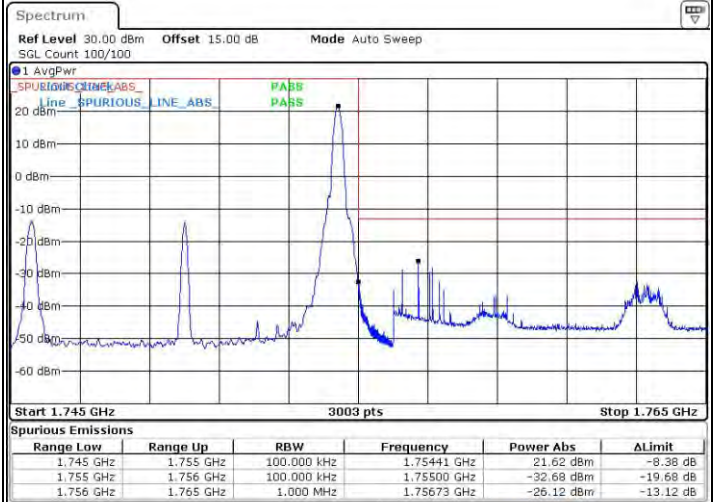


LTE Band 4 / 10MHz / 16QAM

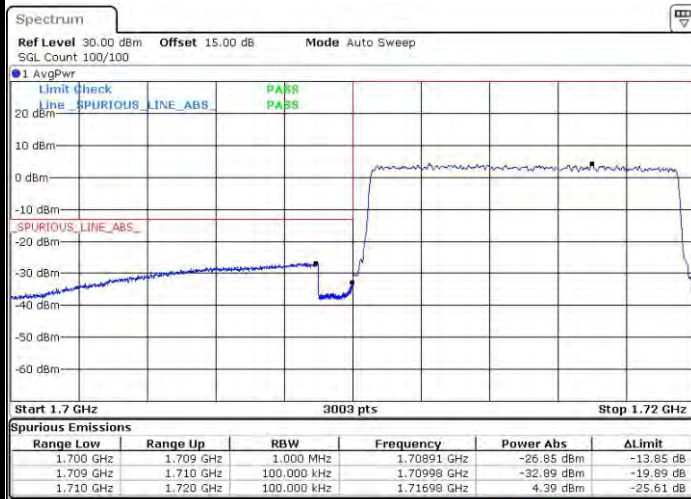
Lowest Band Edge / 1 RB



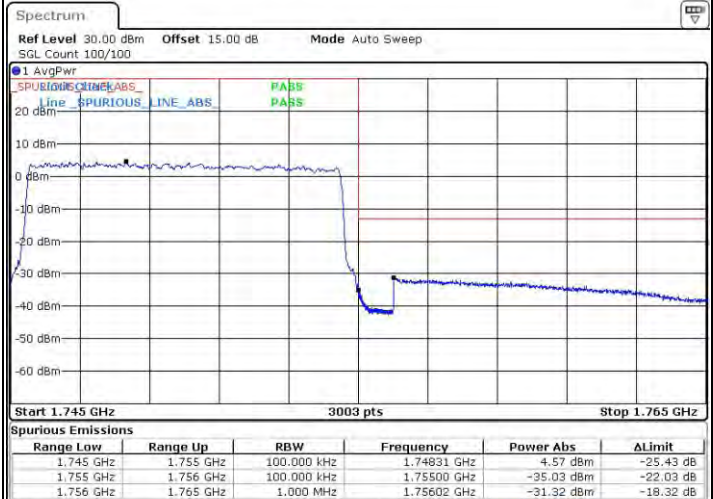
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



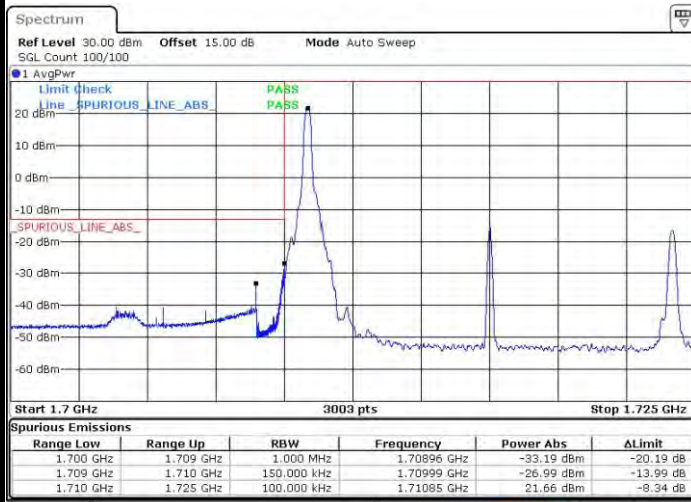
Highest Band Edge / Full RB



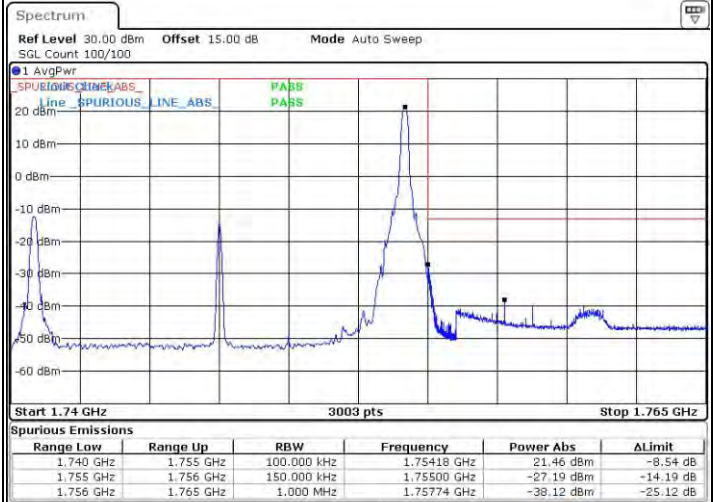


LTE Band 4 / 15MHz / QPSK

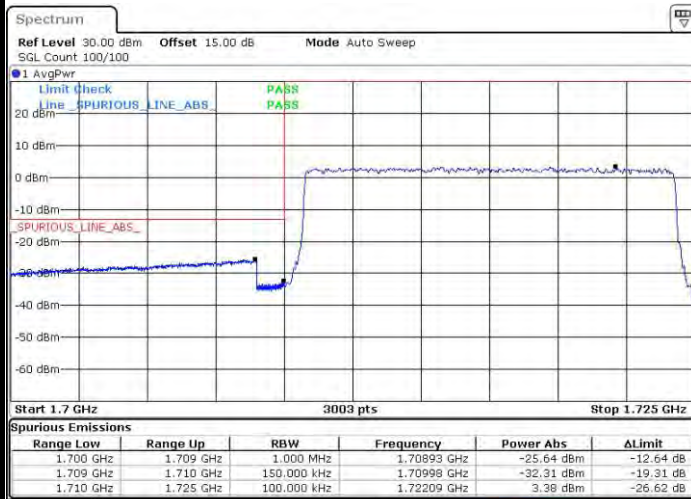
Lowest Band Edge / 1 RB



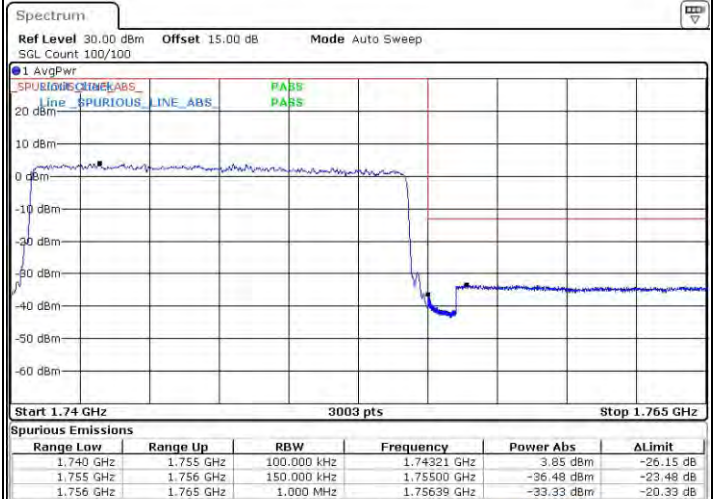
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



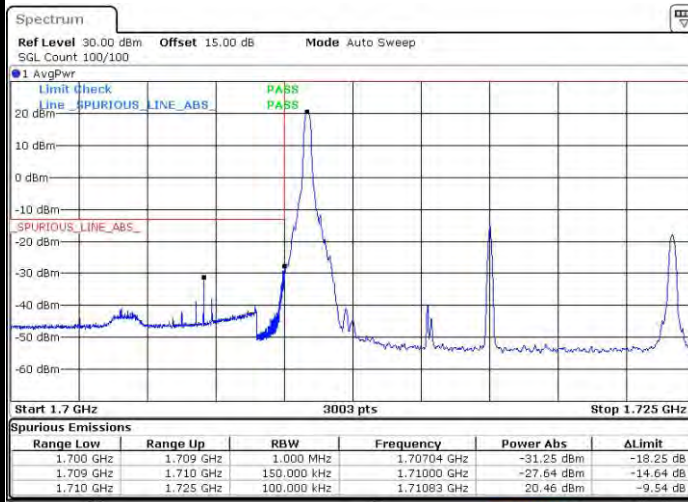
Highest Band Edge / Full RB



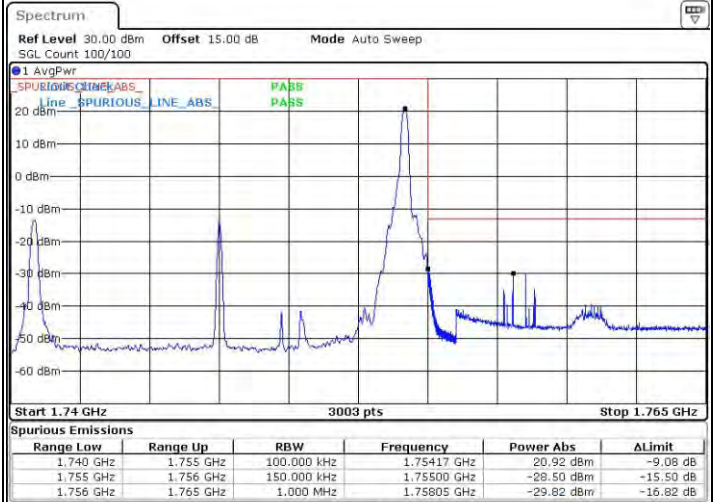


LTE Band 4 / 15MHz / 16QAM

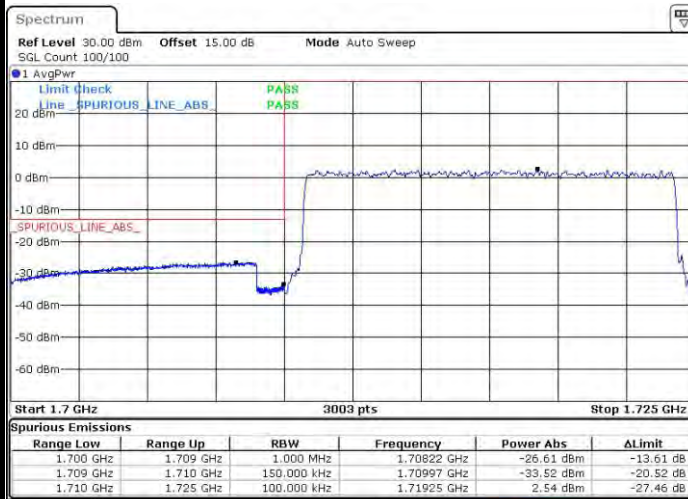
Lowest Band Edge / 1 RB



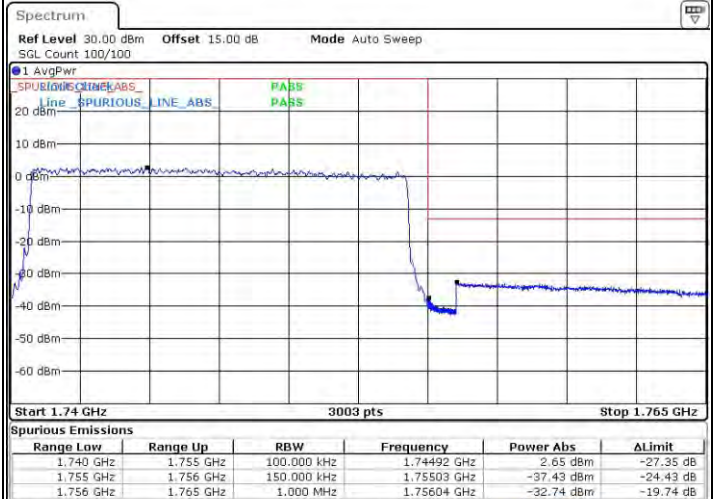
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



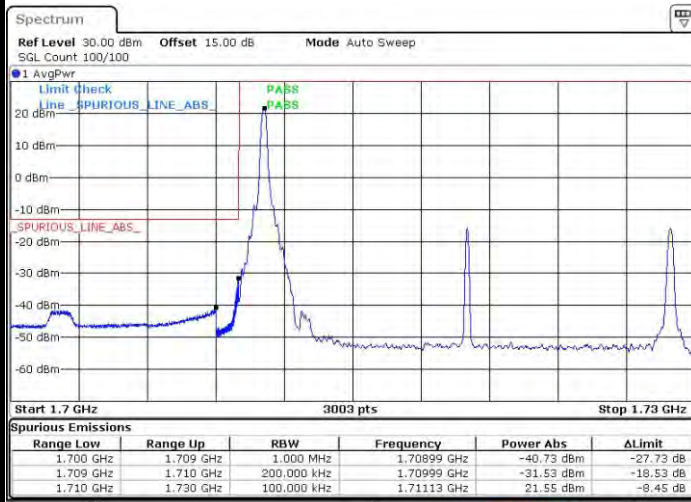
Highest Band Edge / Full RB



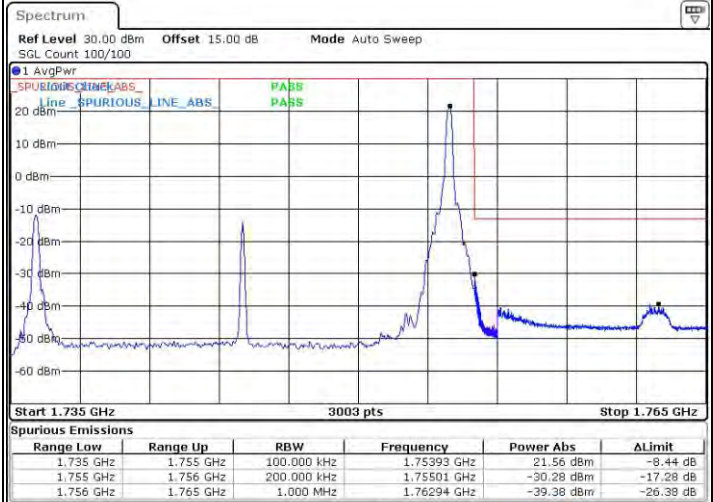


LTE Band 4 / 20MHz / QPSK

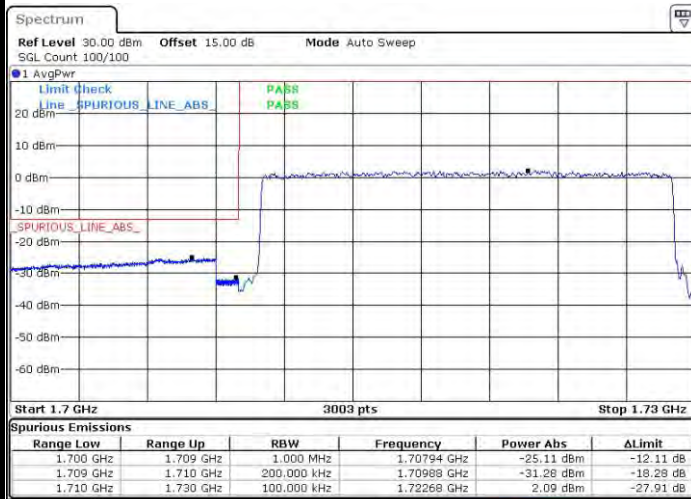
Lowest Band Edge / 1 RB



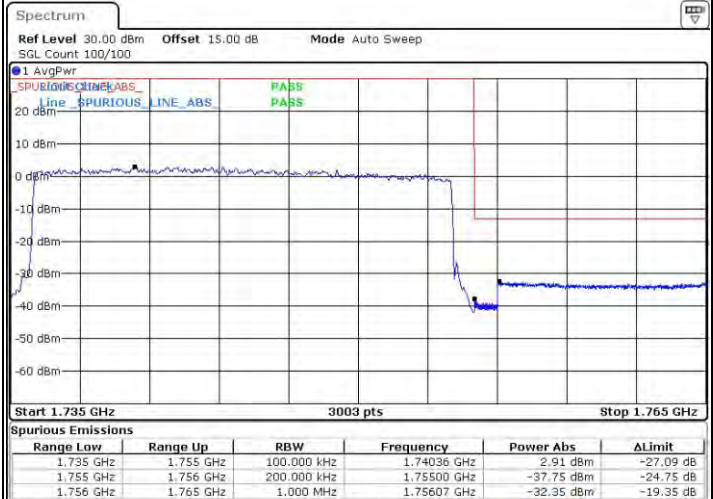
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



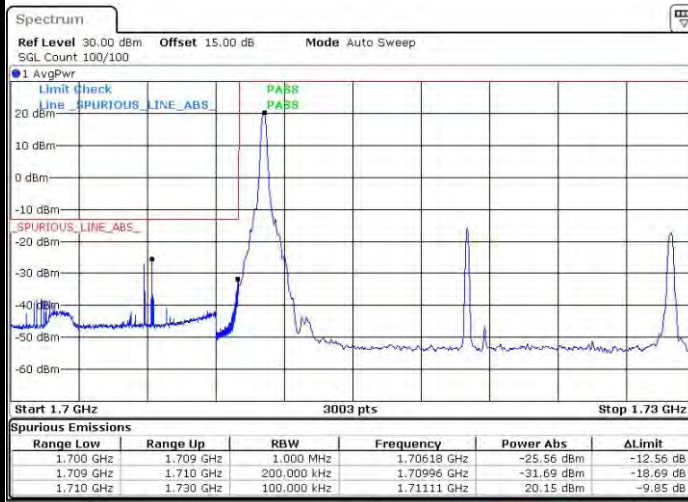
Highest Band Edge / Full RB



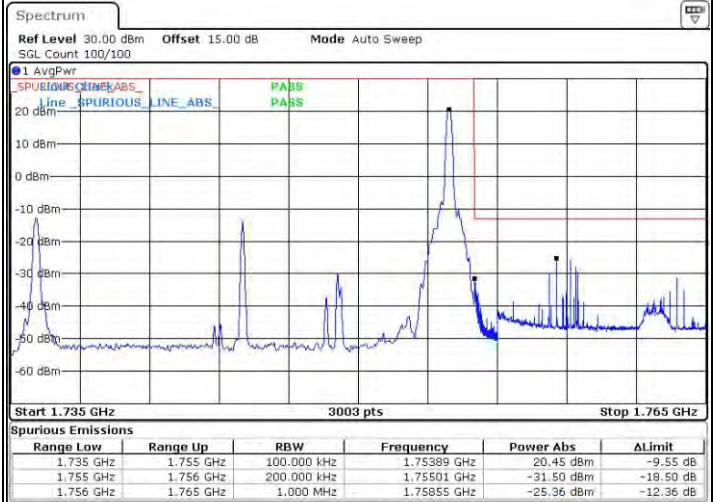


LTE Band 4 / 20MHz / 16QAM

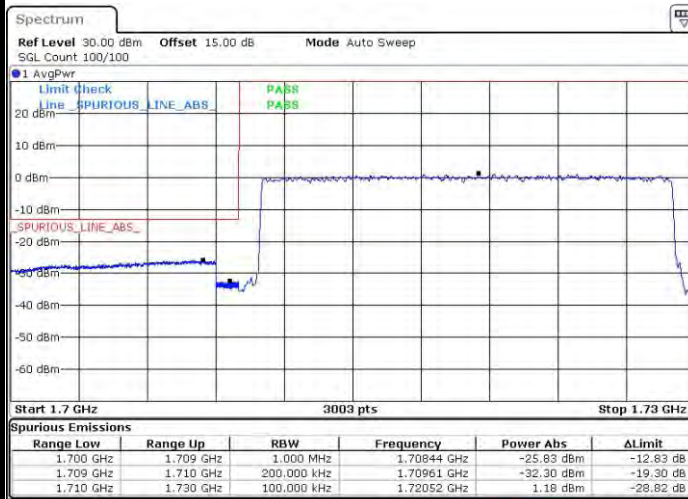
Lowest Band Edge / 1 RB



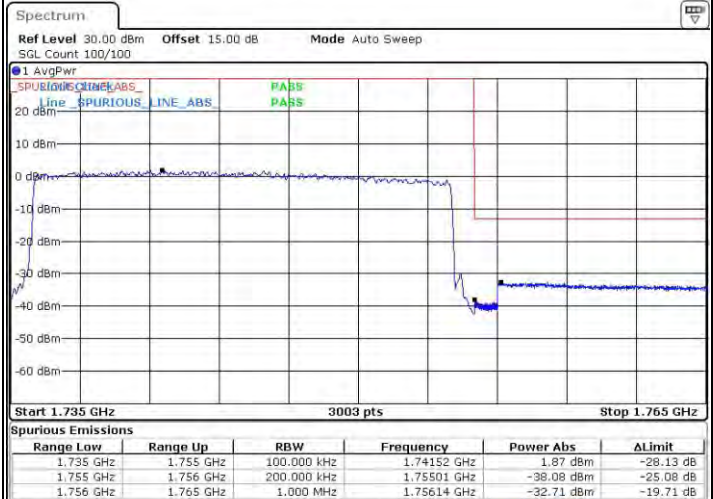
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



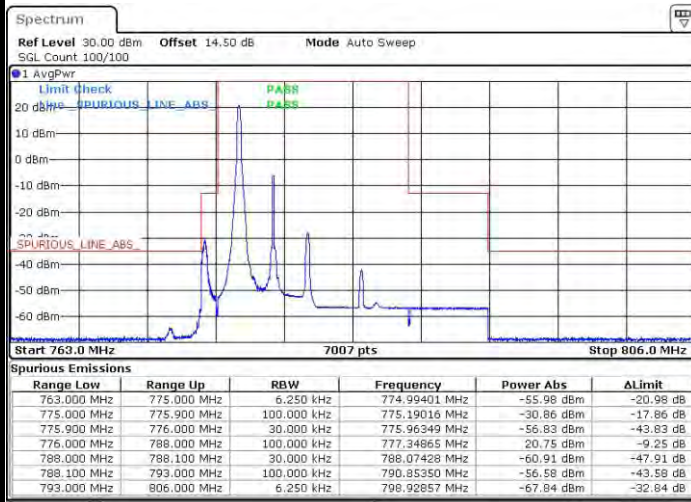
Highest Band Edge / Full RB



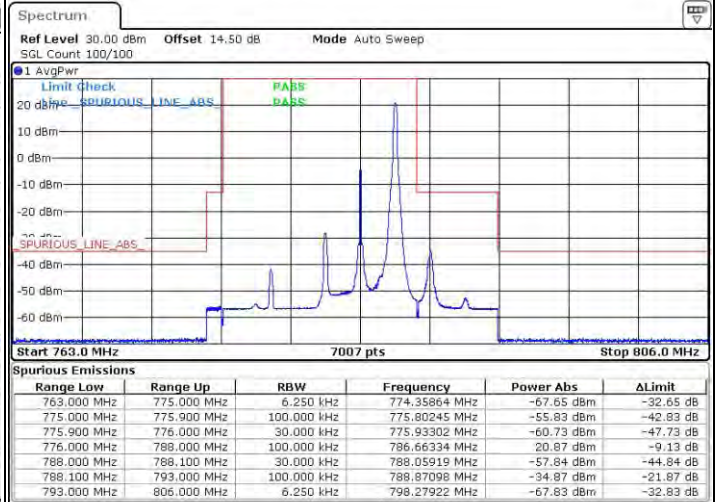


LTE Band 13 / 5MHz / QPSK

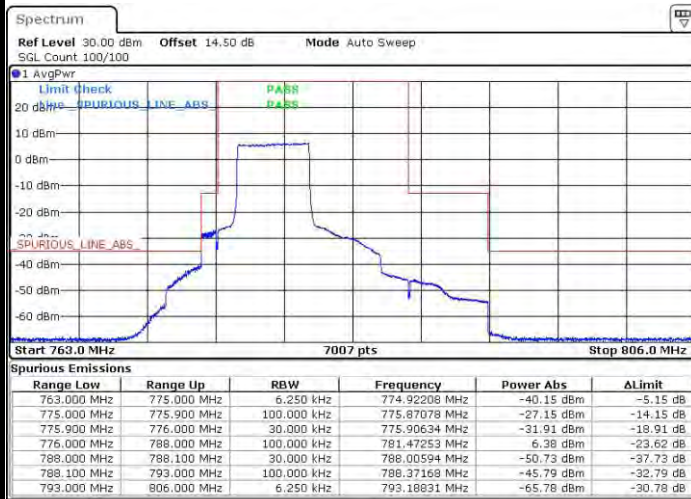
Lowest Band Edge / 1 RB



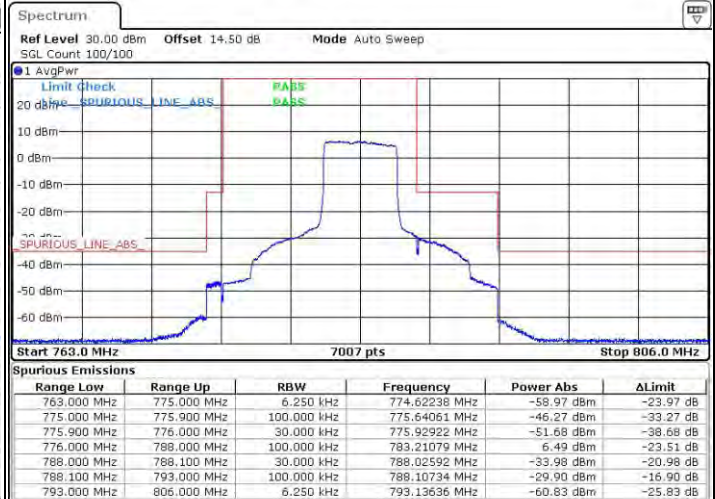
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



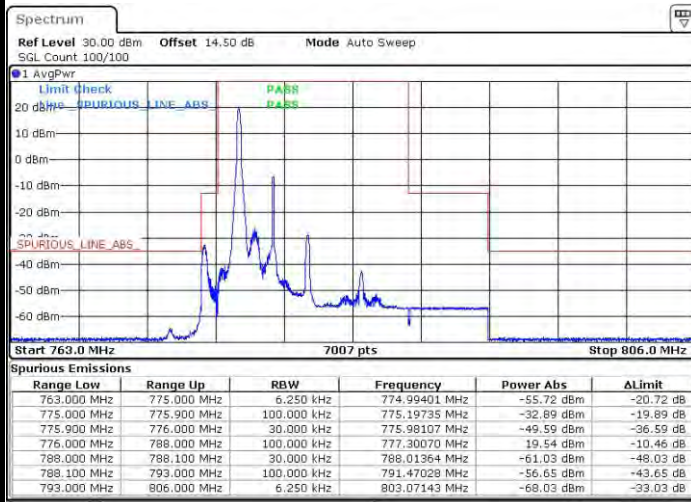
Highest Band Edge / Full RB





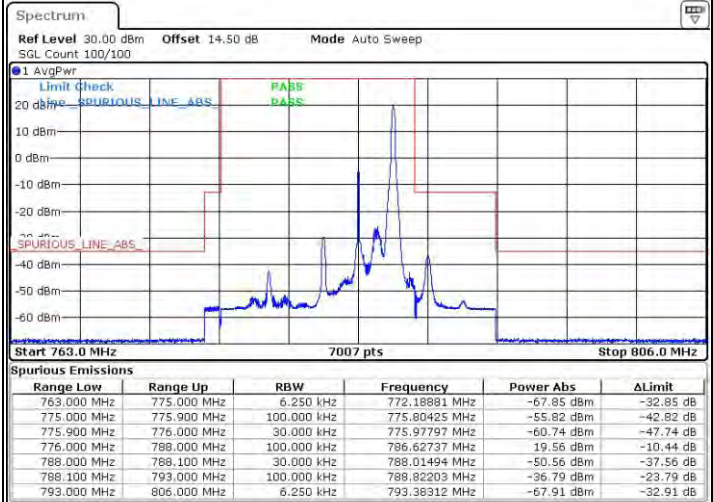
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



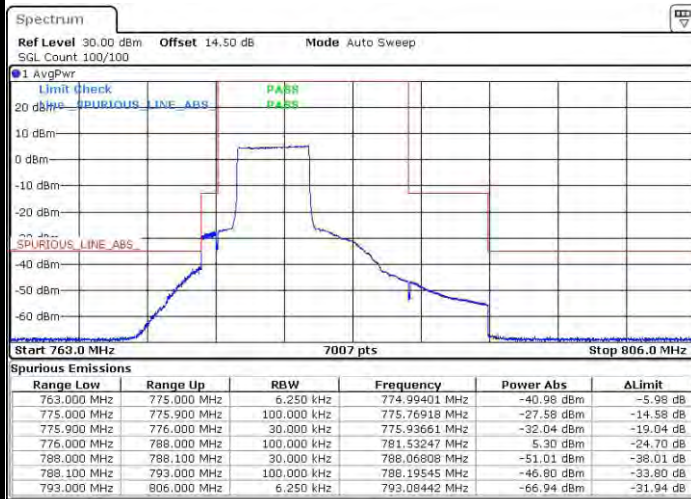
Date: 3.AUG.2015 14:19:17

Highest Band Edge / 1 RB



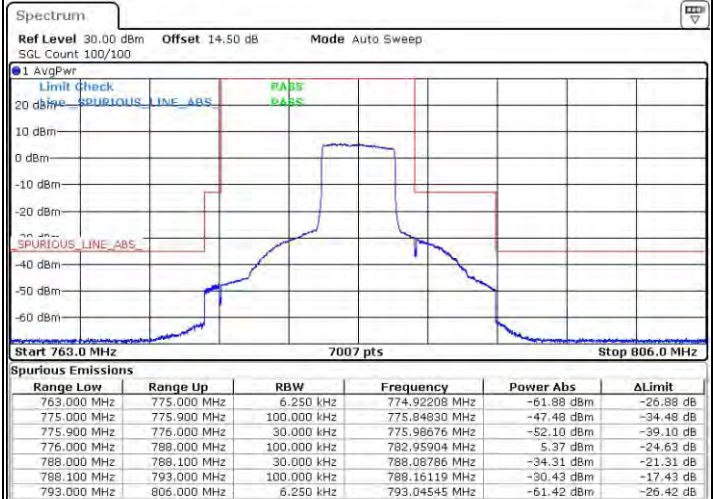
Date: 3.AUG.2015 14:30:22

Lowest Band Edge / Full RB



Date: 3.AUG.2015 14:21:40

Highest Band Edge / Full RB

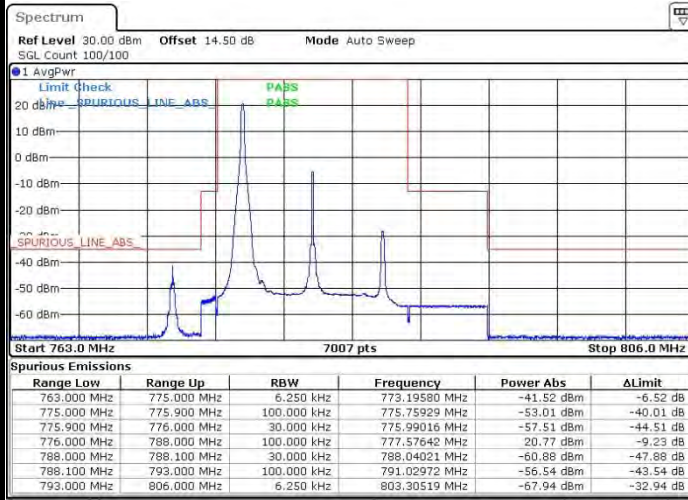


Date: 3.AUG.2015 14:32:44



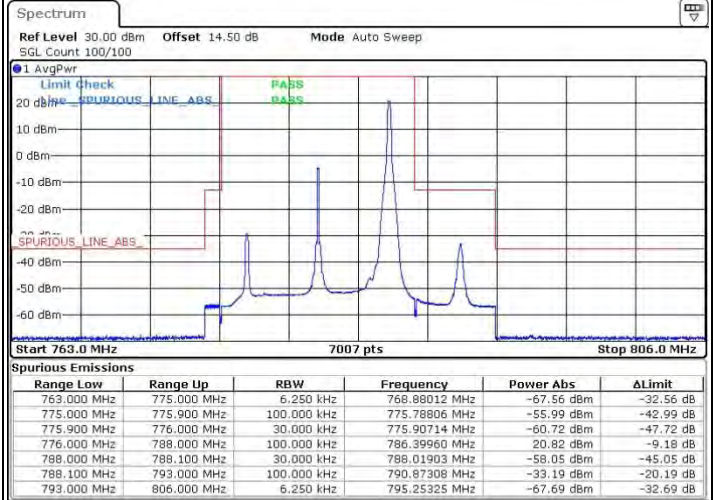
LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



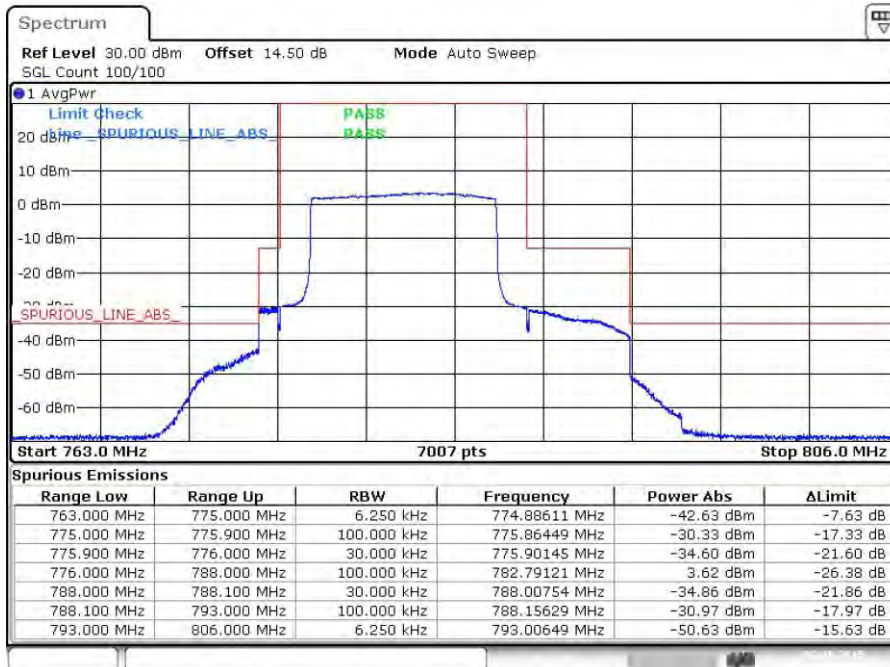
Date: 3.AUG.2015 14:37:05

Highest Band Edge / 1 RB



Date: 3.AUG.2015 14:41:46

Band Edge / Full RB

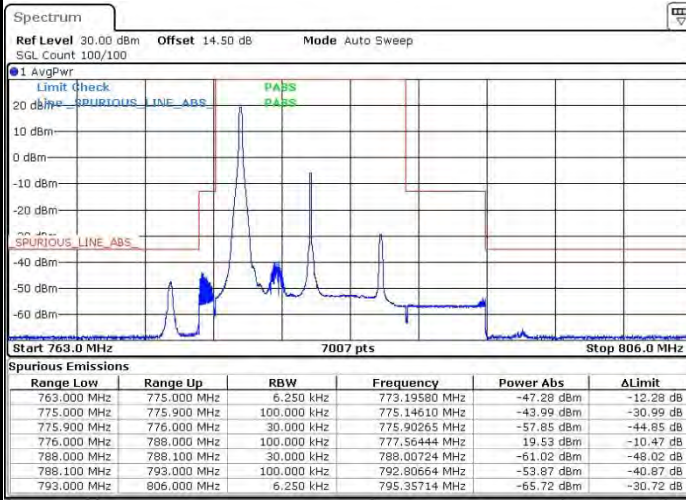


Date: 3.AUG.2015 14:39:26

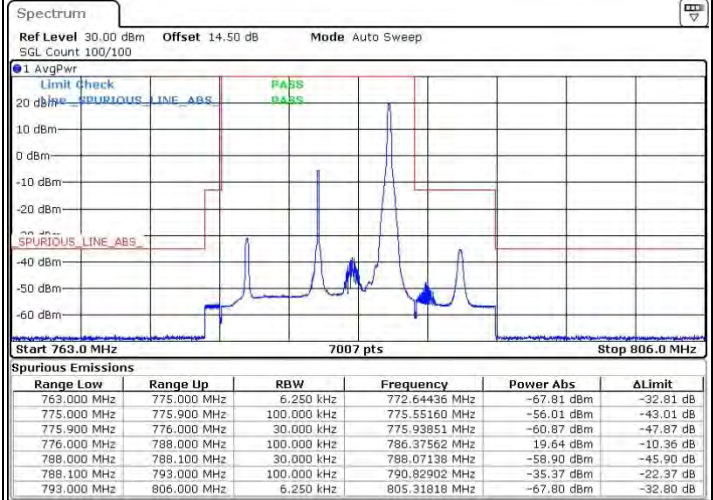


LTE Band 13 / 10MHz / 16QAM

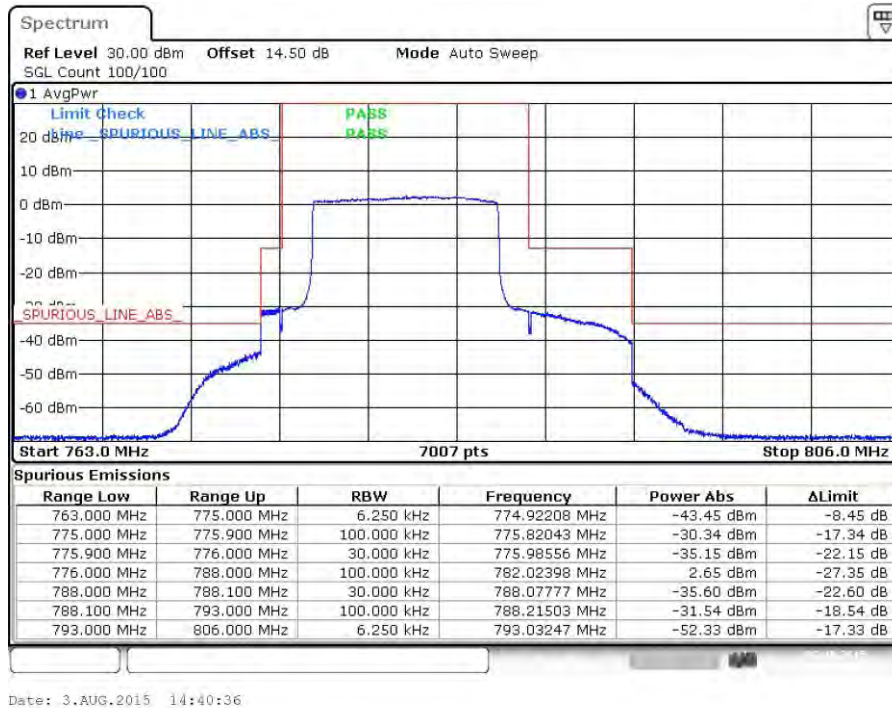
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Band Edge / Full RB

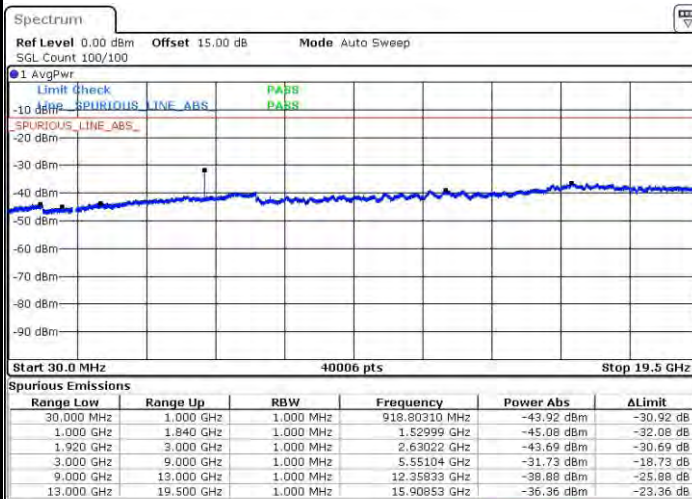




Conducted Spurious Emission

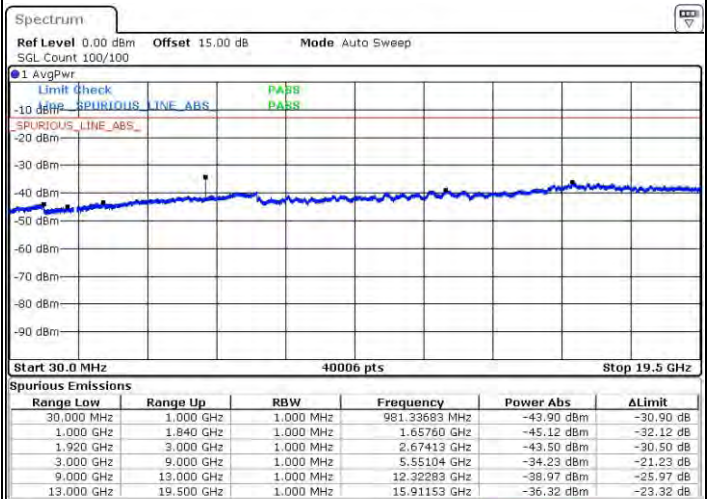
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



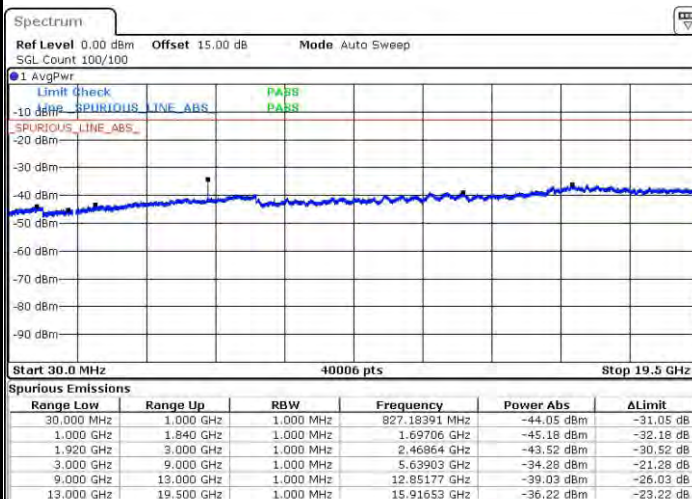
Date: 30 JUL 2015 01:07:09

Lowest Channel / 16QAM



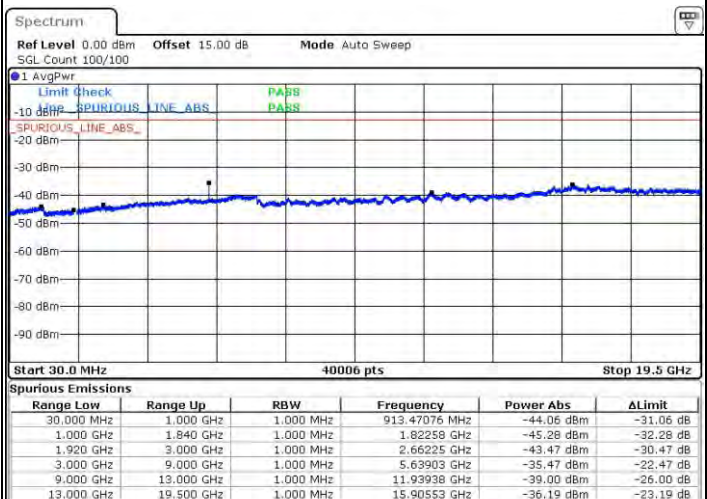
Date: 30 JUL 2015 01:08:20

Middle Channel / QPSK



Date: 30 JUL 2015 01:10:18

Middle Channel / 16QAM

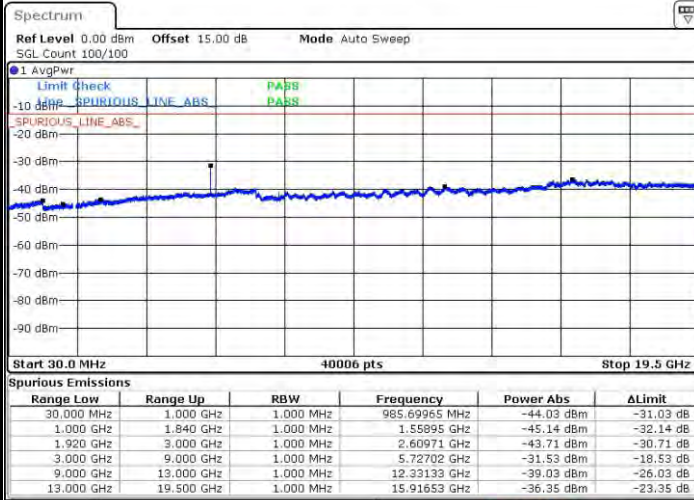


Date: 30 JUL 2015 01:11:30



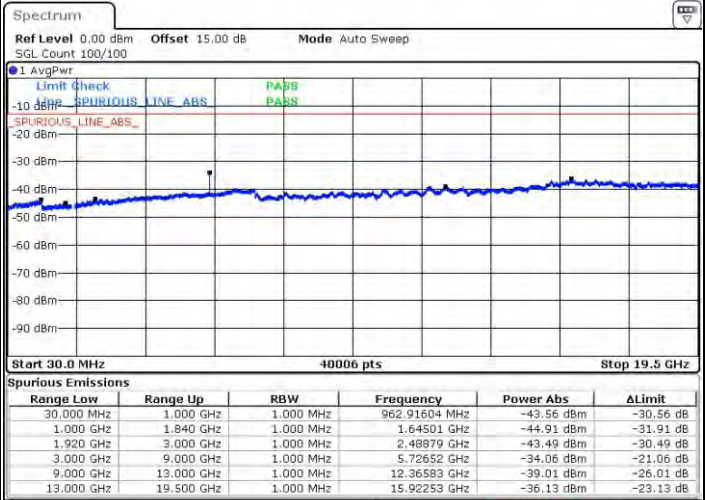
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 30 JUL 2015 01:18:11

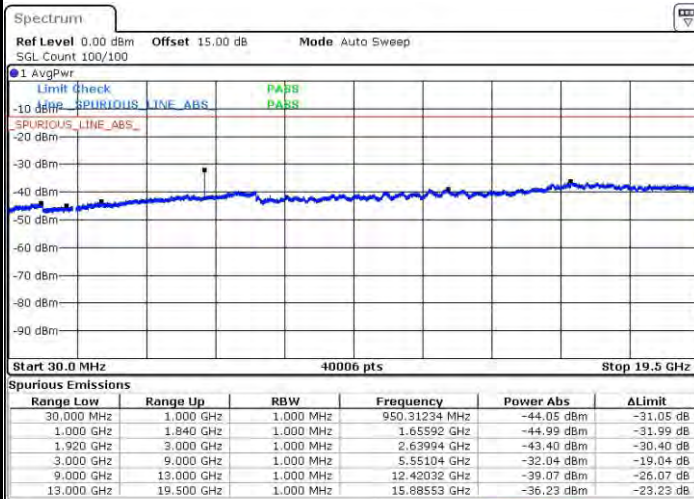
Highest Channel / 16QAM



Date: 30 JUL 2015 01:19:23

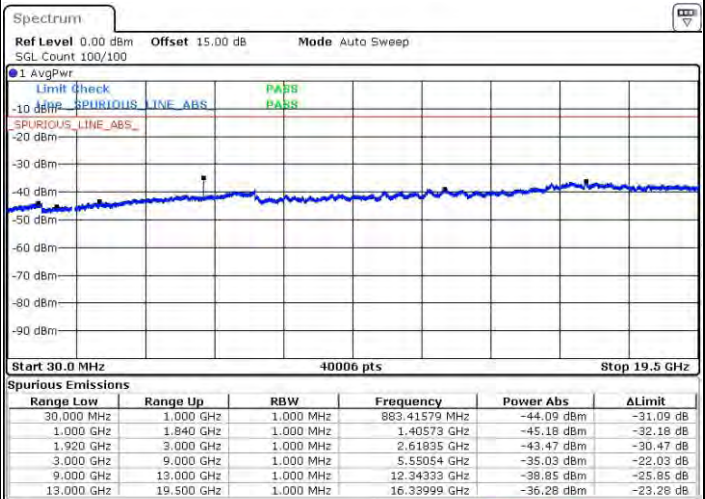
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 30 JUL 2015 01:26:13

Lowest Channel / 16QAM

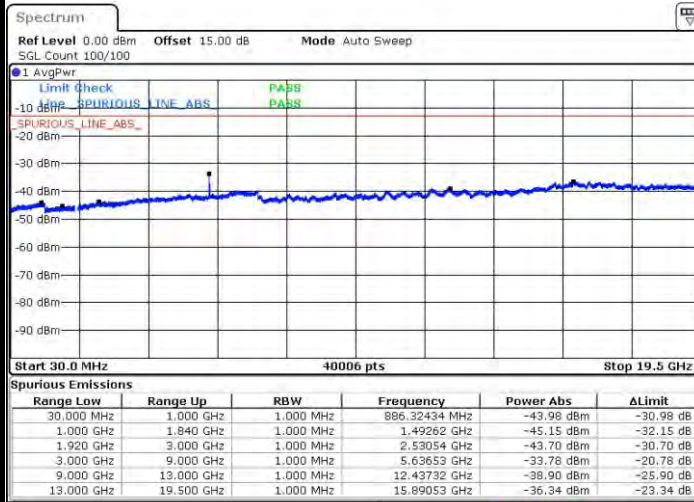


Date: 30 JUL 2015 01:27:26



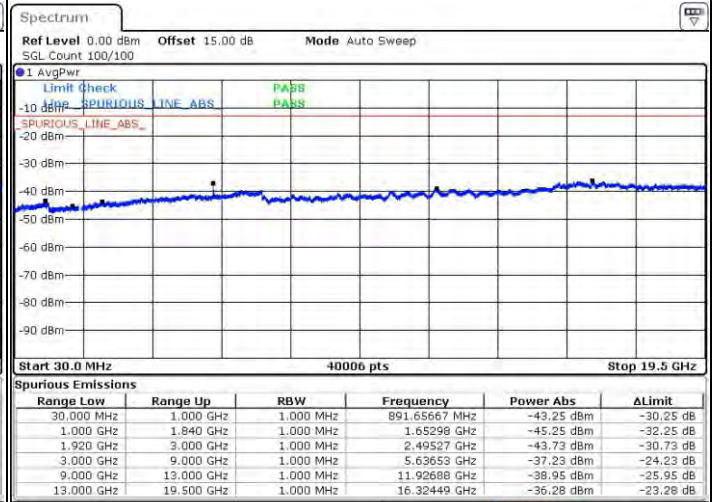
LTE Band 2 / 3MHz

Middle Channel / QPSK



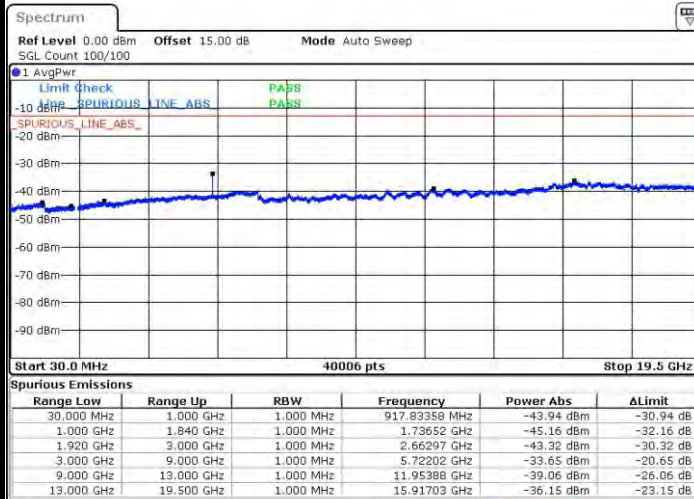
Date: 30 JUL 2015 01:29:42

Middle Channel / 16QAM



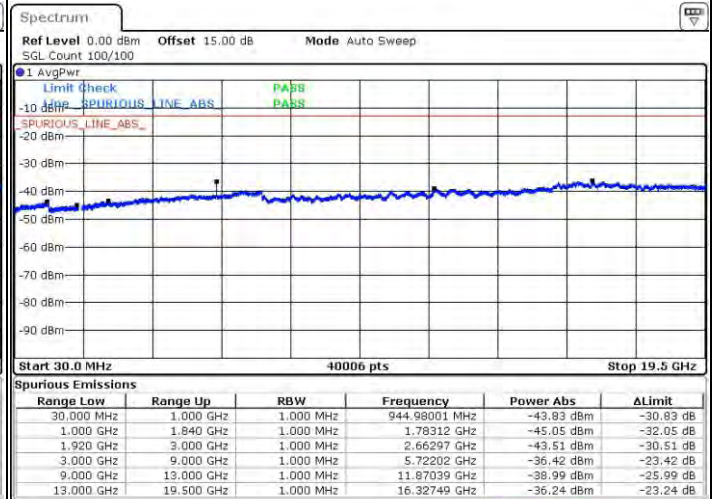
Date: 30 JUL 2015 01:30:57

Highest Channel / QPSK



Date: 30 JUL 2015 01:37:32

Highest Channel / 16QAM

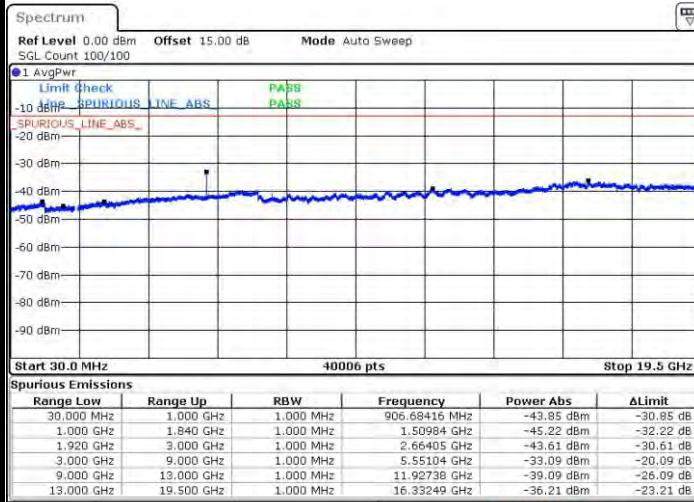


Date: 30 JUL 2015 01:38:43



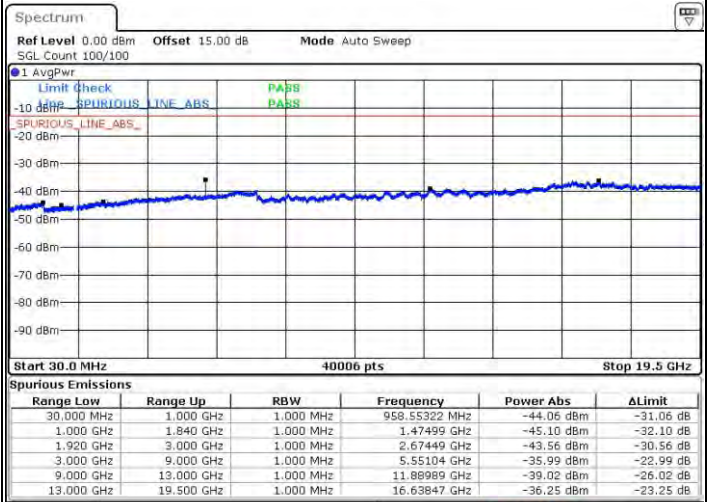
LTE Band 2 / 5MHz

Lowest Channel / QPSK



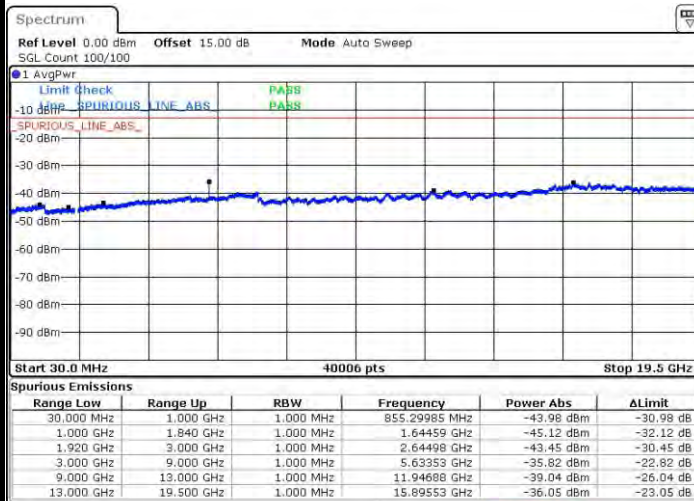
Date: 30 JUL 2015 01:45:17

Lowest Channel / 16QAM



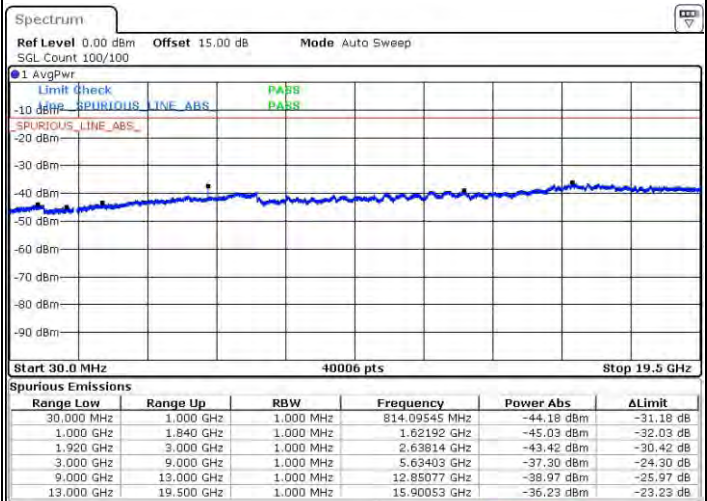
Date: 30 JUL 2015 01:46:28

Middle Channel / QPSK



Date: 30 JUL 2015 01:48:27

Middle Channel / 16QAM

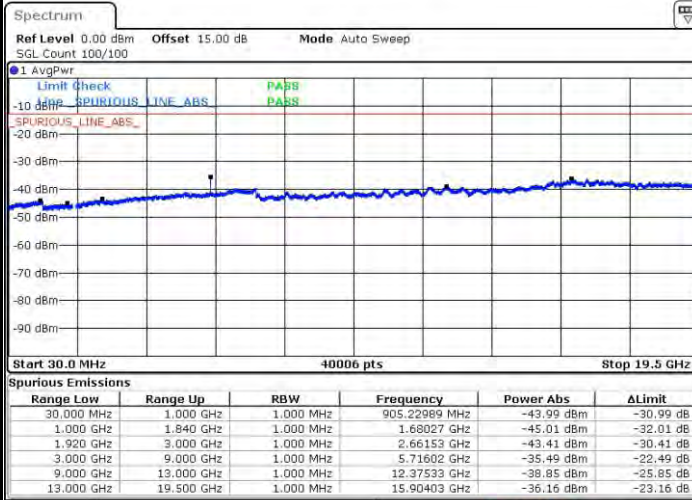


Date: 30 JUL 2015 01:49:39



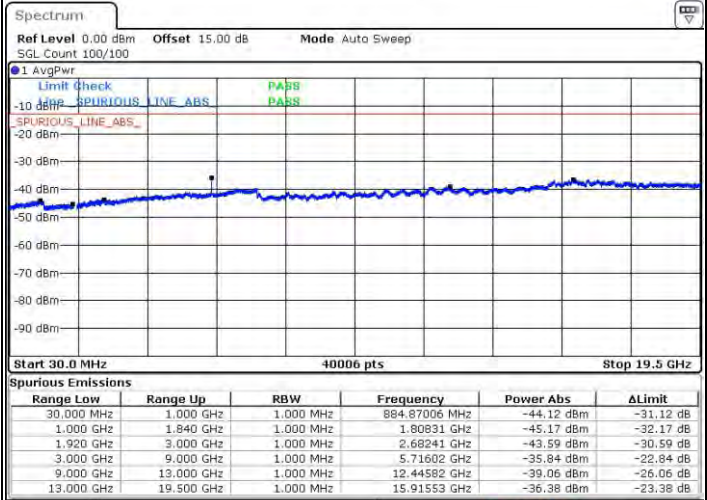
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 30 JUL 2015 01:56:12

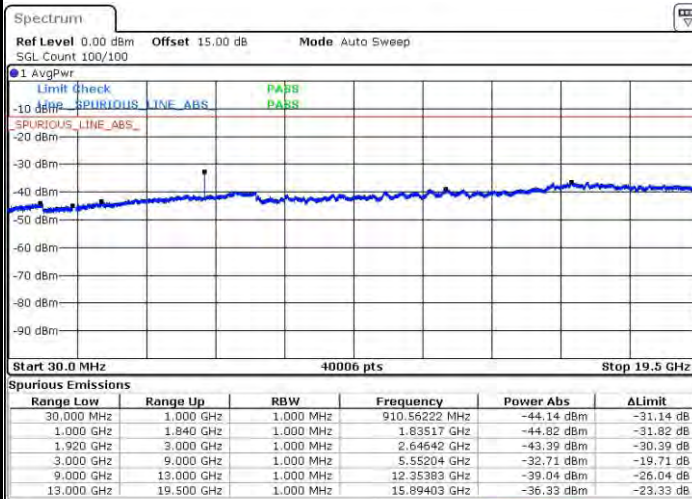
Highest Channel / 16QAM



Date: 30 JUL 2015 01:57:24

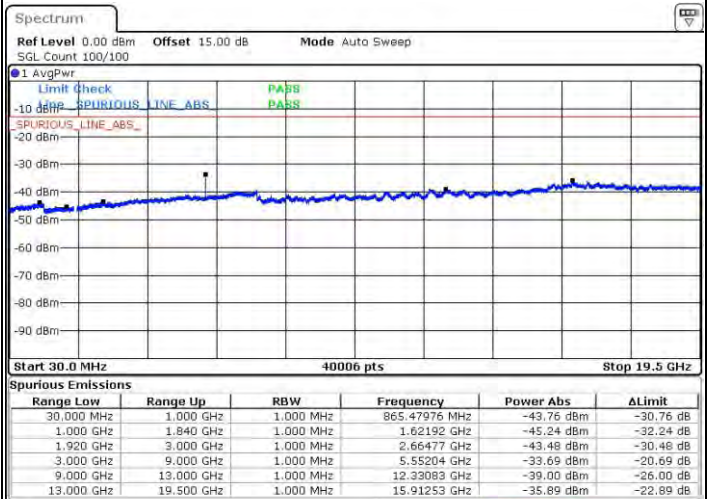
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 30 JUL 2015 02:19:00

Lowest Channel / 16QAM

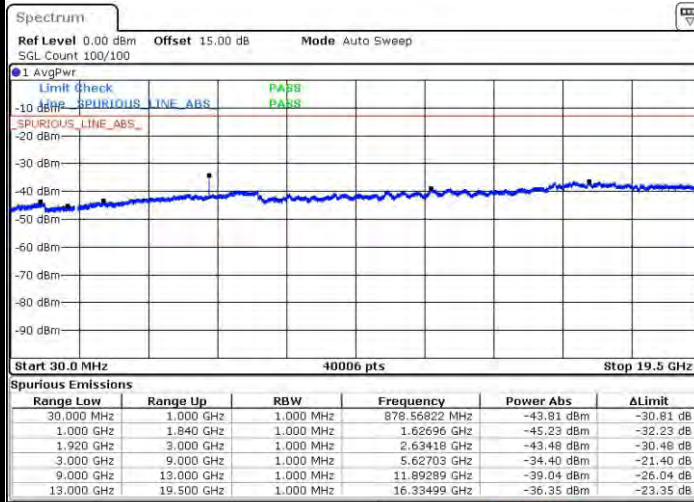


Date: 30 JUL 2015 02:20:12



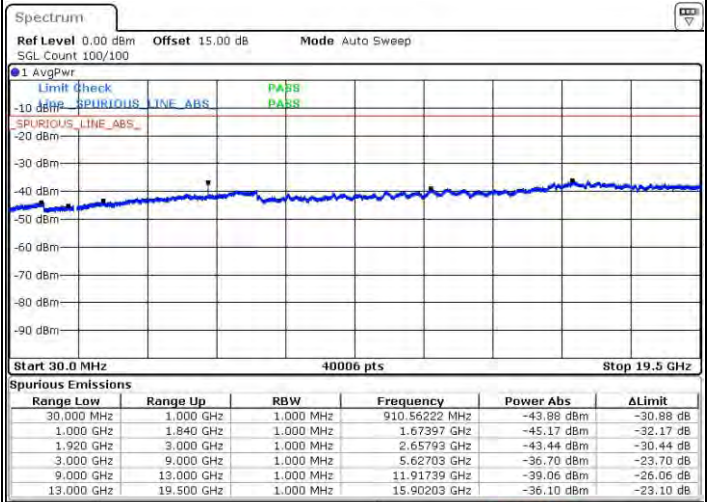
LTE Band 2 / 10MHz

Middle Channel / QPSK



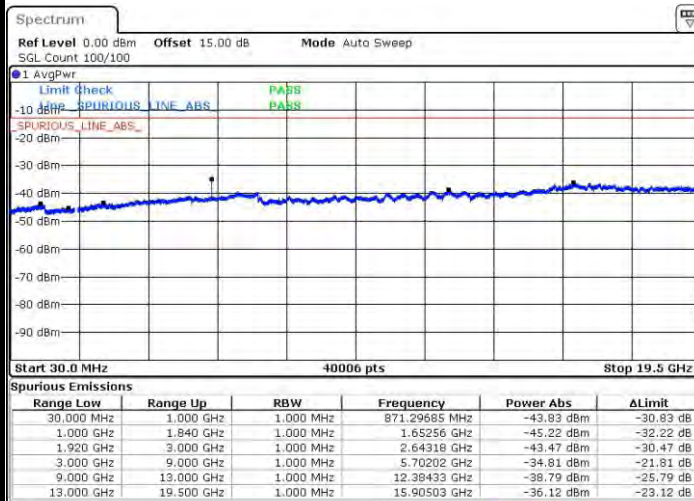
Date: 30 JUL 2015 02:22:11

Middle Channel / 16QAM



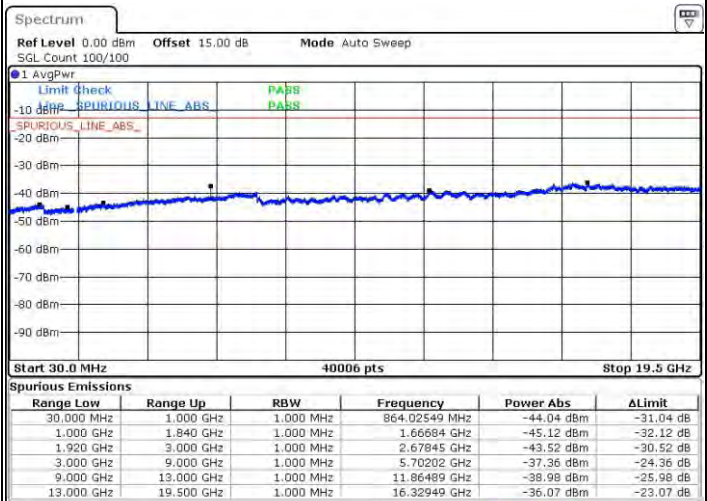
Date: 30 JUL 2015 02:23:22

Highest Channel / QPSK



Date: 30 JUL 2015 02:29:57

Highest Channel / 16QAM

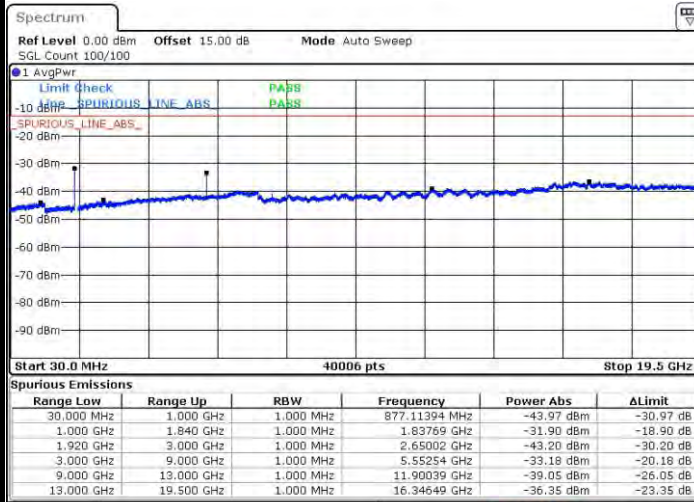


Date: 30 JUL 2015 02:31:09



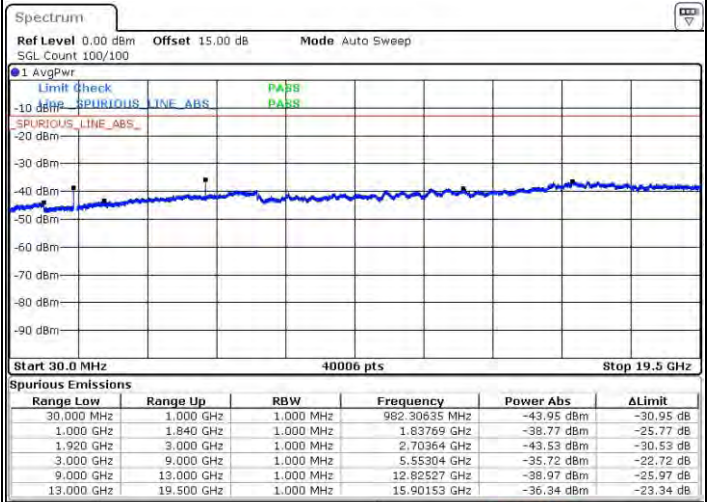
LTE Band 2 / 15MHz

Lowest Channel / QPSK



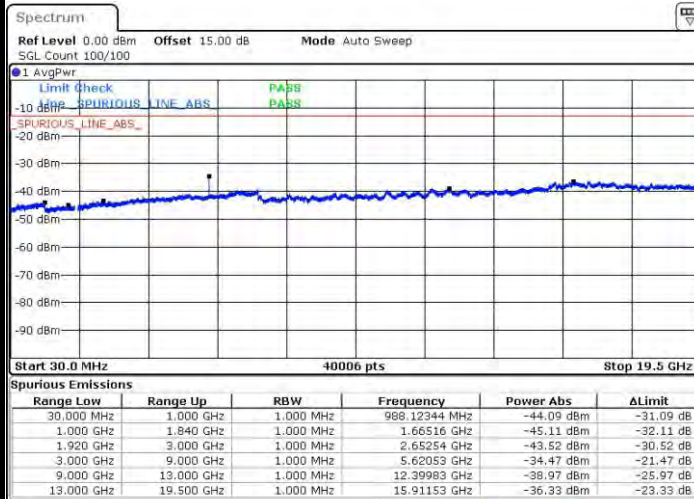
Date: 30 JUL 2015 02:39:56

Lowest Channel / 16QAM



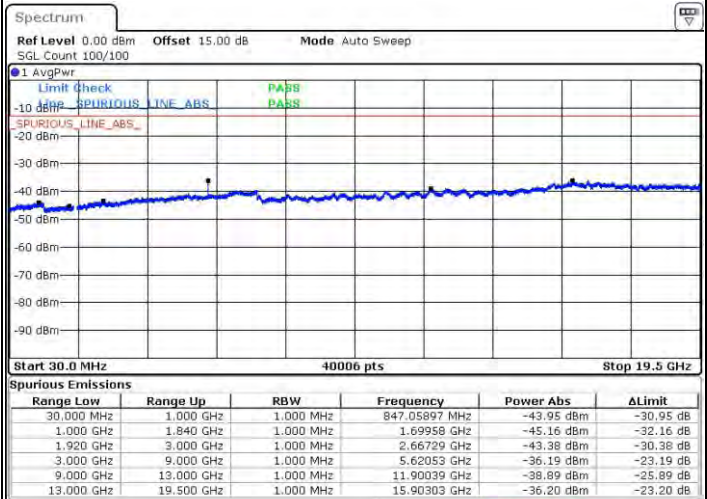
Date: 30 JUL 2015 02:41:08

Middle Channel / QPSK



Date: 30 JUL 2015 02:43:07

Middle Channel / 16QAM

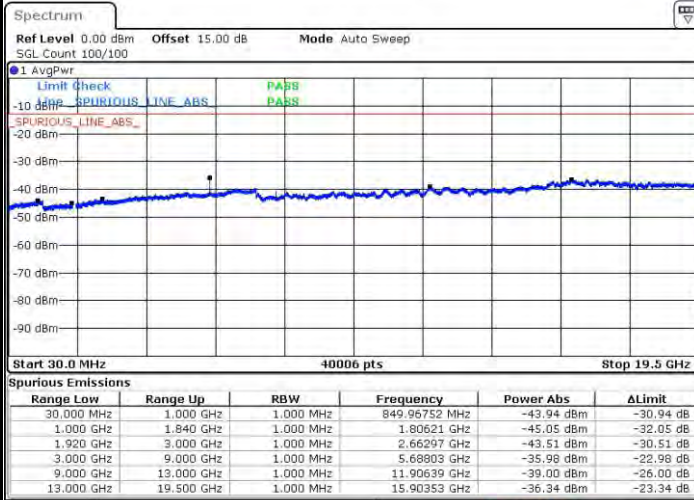


Date: 30 JUL 2015 02:44:20



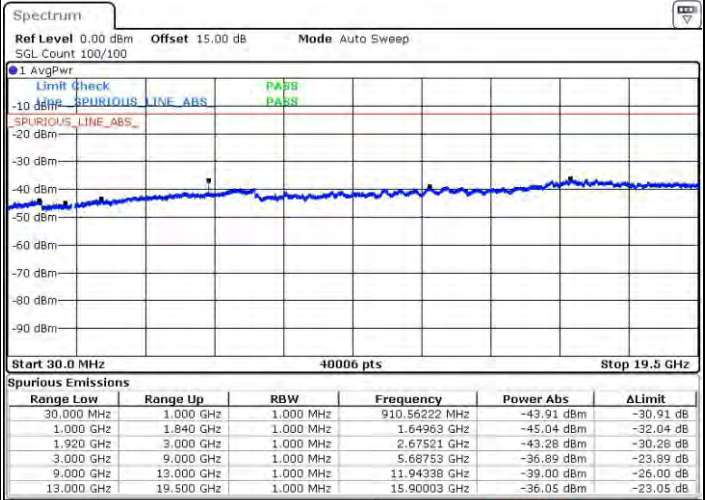
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 30 JUL 2015 02:50:56

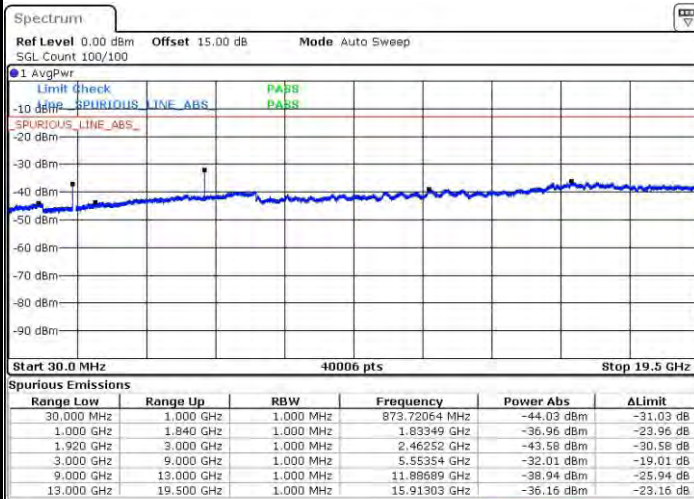
Highest Channel / 16QAM



Date: 30 JUL 2015 02:52:08

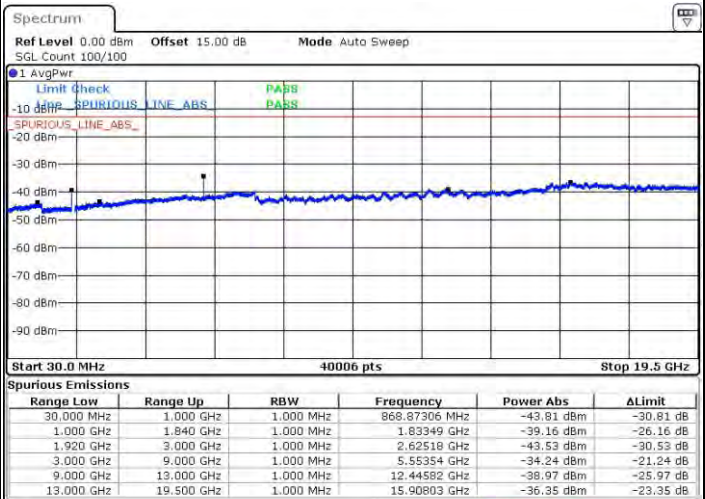
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 30 JUL 2015 03:00:02

Lowest Channel / 16QAM

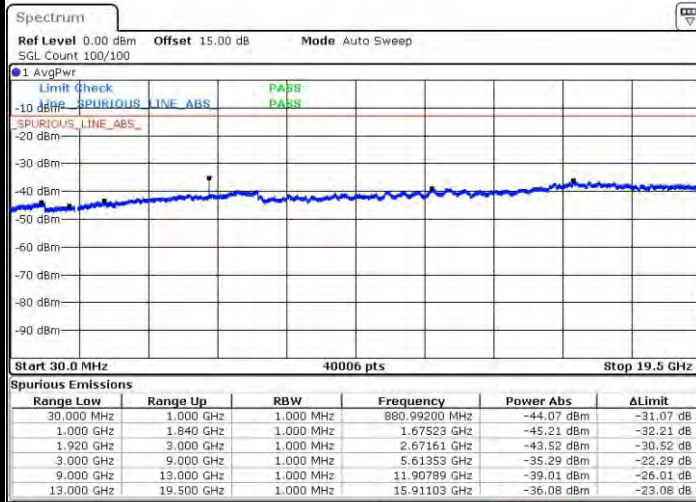


Date: 30 JUL 2015 03:01:15



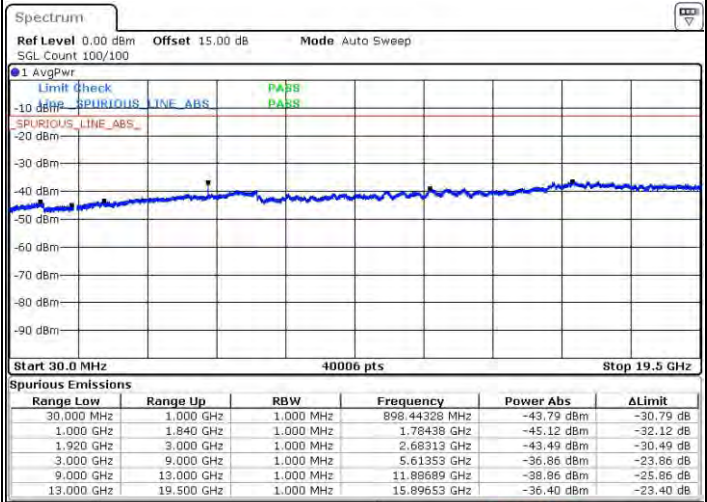
LTE Band 2 / 20MHz

Middle Channel / QPSK



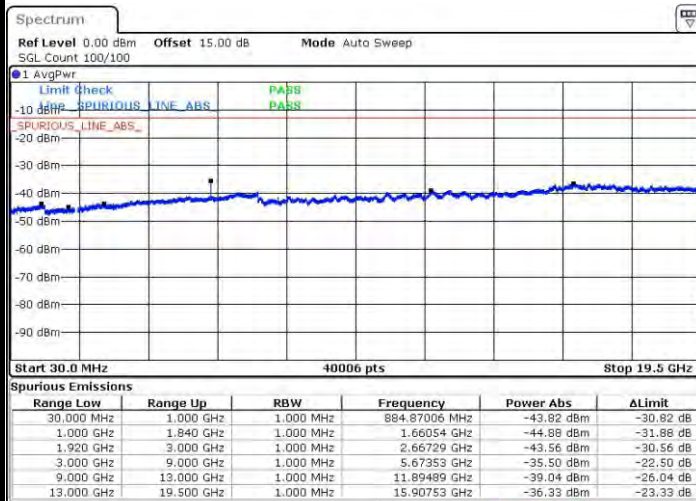
Date: 30 JUL 2015 03:03:14

Middle Channel / 16QAM



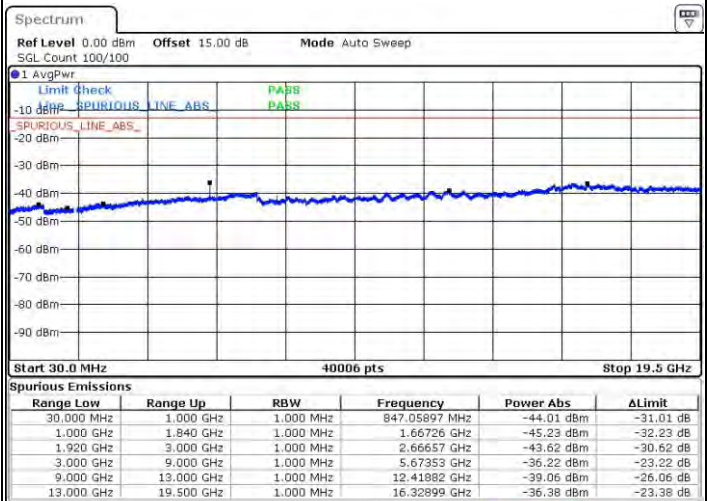
Date: 30 JUL 2015 03:04:26

Highest Channel / QPSK



Date: 30 JUL 2015 03:11:01

Highest Channel / 16QAM

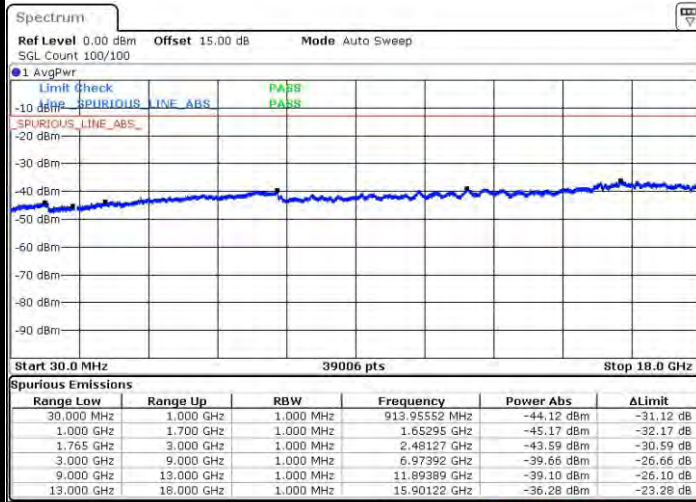


Date: 30 JUL 2015 03:12:13



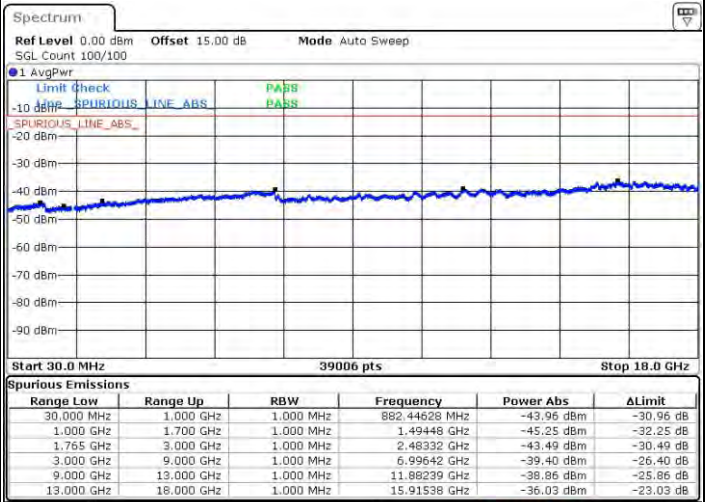
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



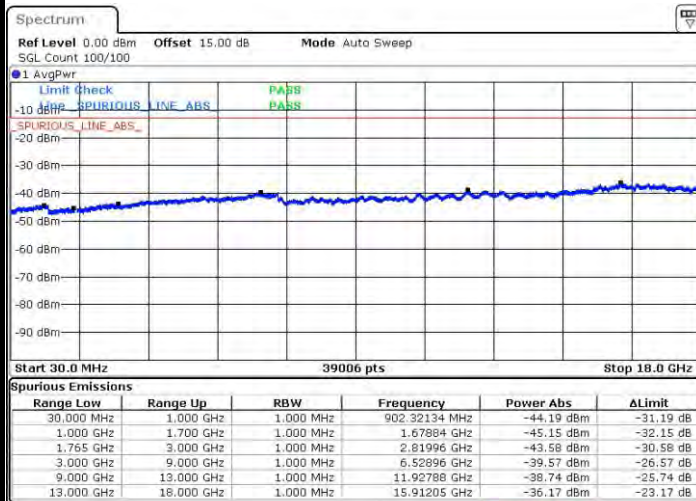
Date: 29 JUL 2015 22:49:48

Lowest Channel / 16QAM



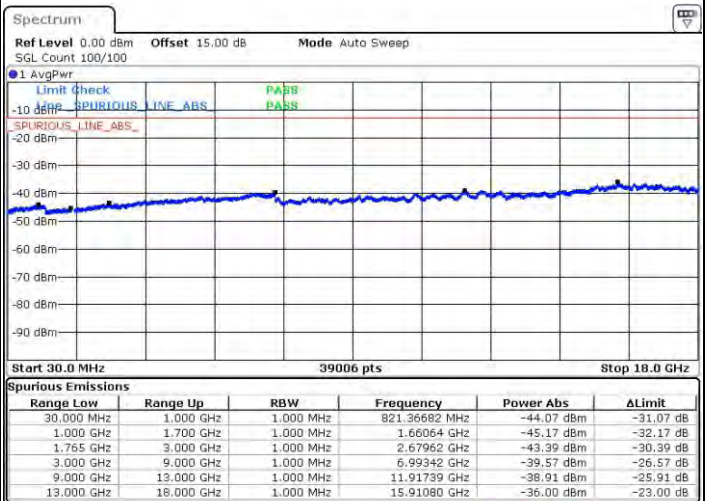
Date: 29 JUL 2015 22:50:59

Middle Channel / QPSK



Date: 29 JUL 2015 22:52:58

Middle Channel / 16QAM

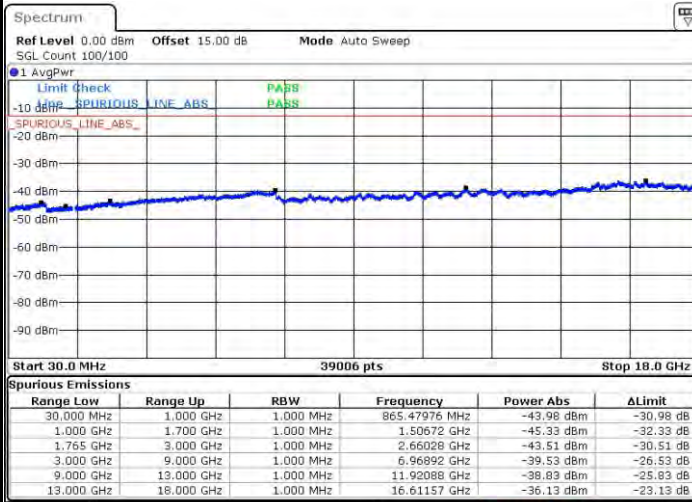


Date: 29 JUL 2015 22:54:09



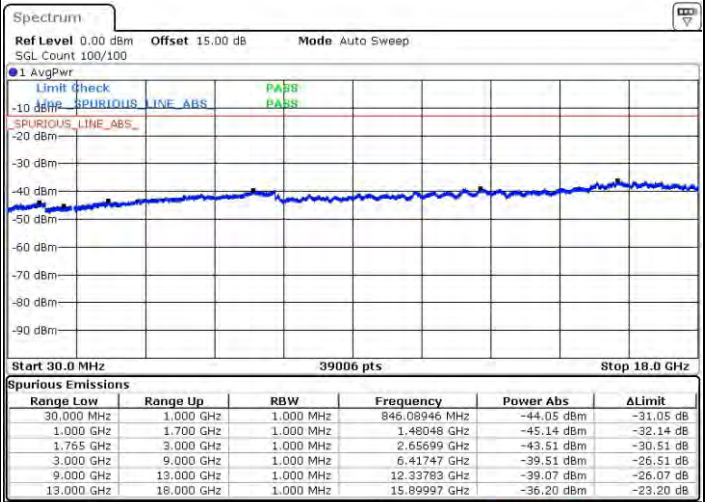
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 29 JUL 2015 23:00:43

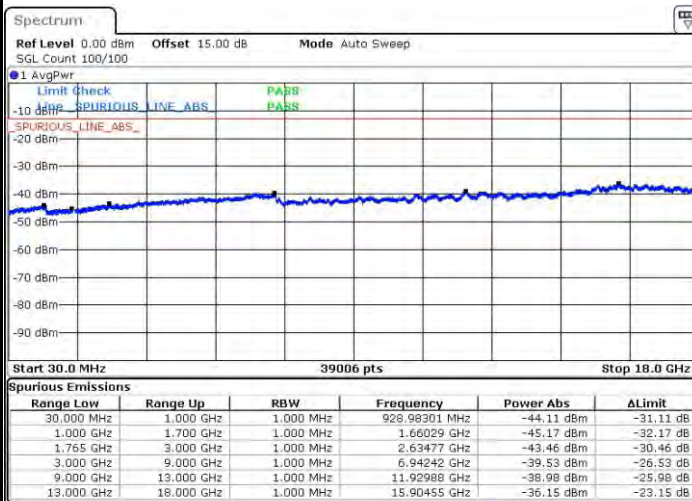
Highest Channel / 16QAM



Date: 29 JUL 2015 23:01:54

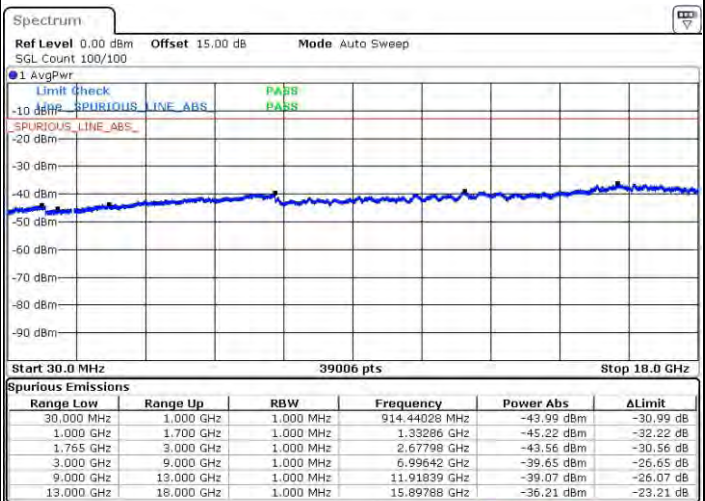
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 29 JUL 2015 23:08:29

Lowest Channel / 16QAM

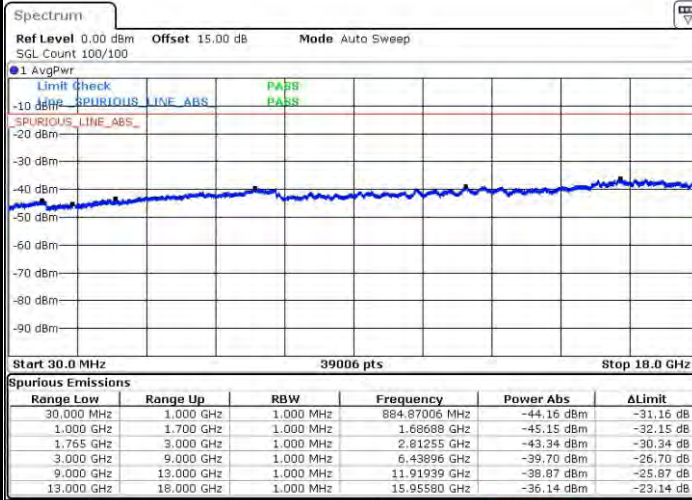


Date: 29 JUL 2015 23:09:40



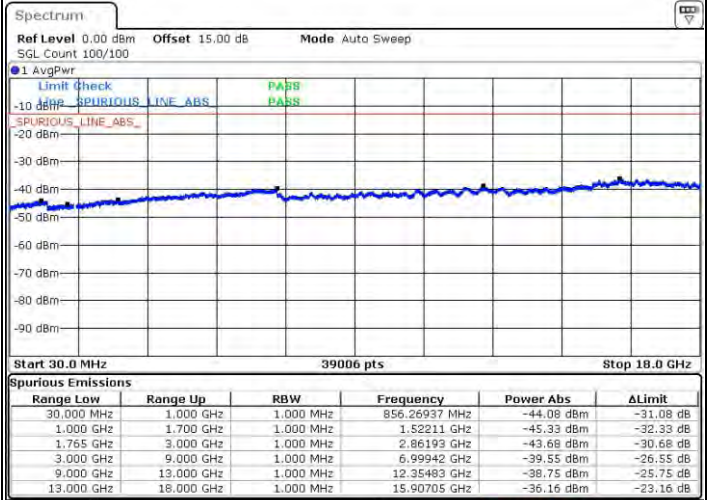
LTE Band 4 / 3MHz

Middle Channel / QPSK



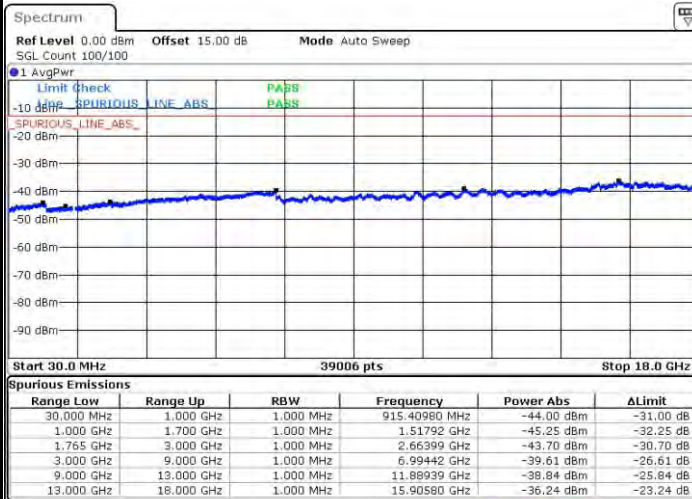
Date: 29 JUL 2015 23:11:39

Middle Channel / 16QAM



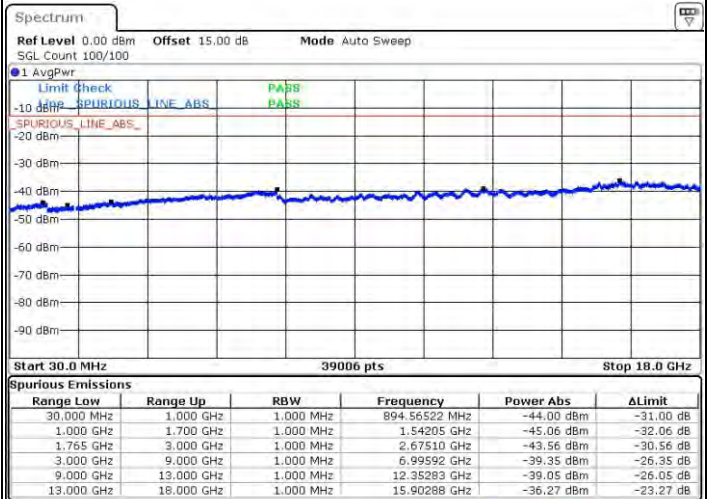
Date: 29 JUL 2015 23:12:50

Highest Channel / QPSK



Date: 29 JUL 2015 23:19:26

Highest Channel / 16QAM

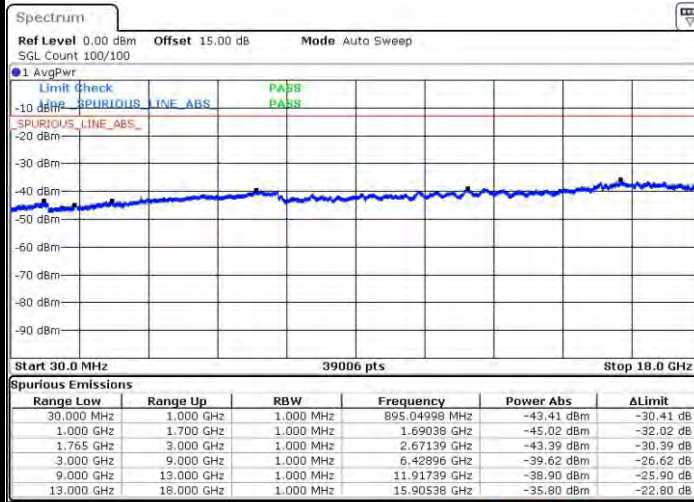


Date: 29 JUL 2015 23:20:38



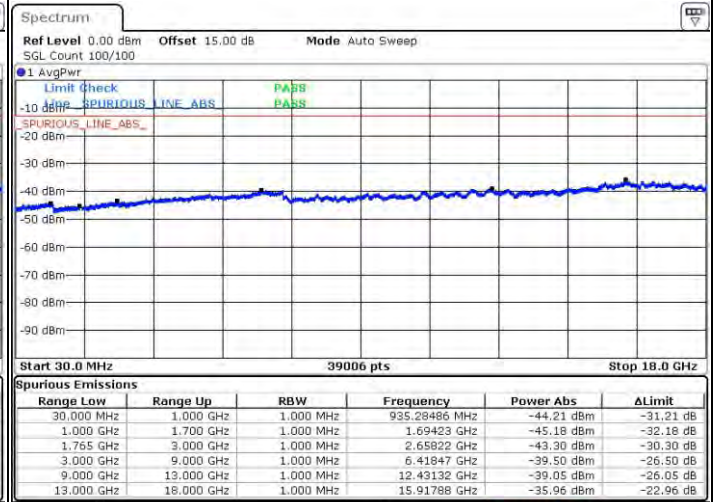
LTE Band 4 / 5MHz

Lowest Channel / QPSK



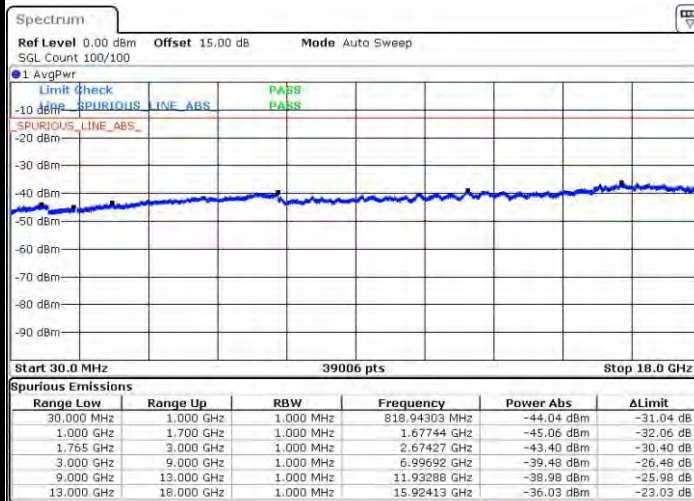
Date: 29 JUL 2015 23:27:12

Lowest Channel / 16QAM



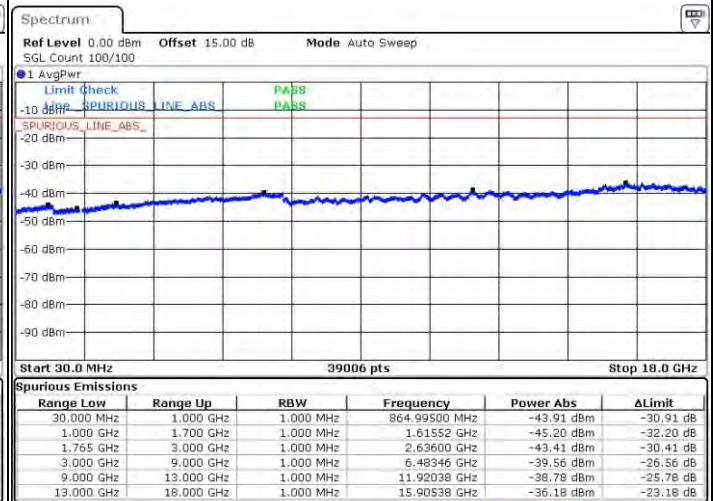
Date: 29 JUL 2015 23:28:24

Middle Channel / QPSK



Date: 29 JUL 2015 23:30:22

Middle Channel / 16QAM

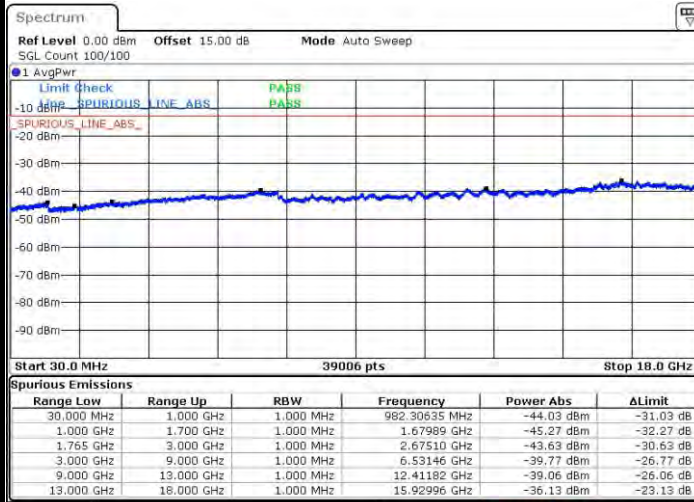


Date: 29 JUL 2015 23:31:34



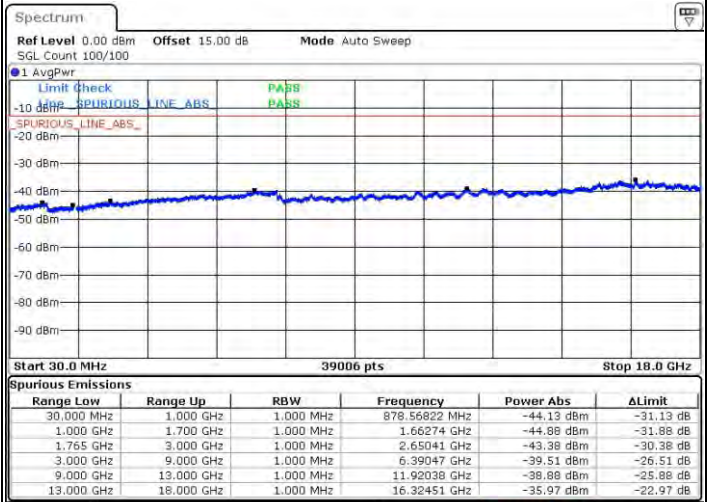
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 29 JUL 2015 23:38:08

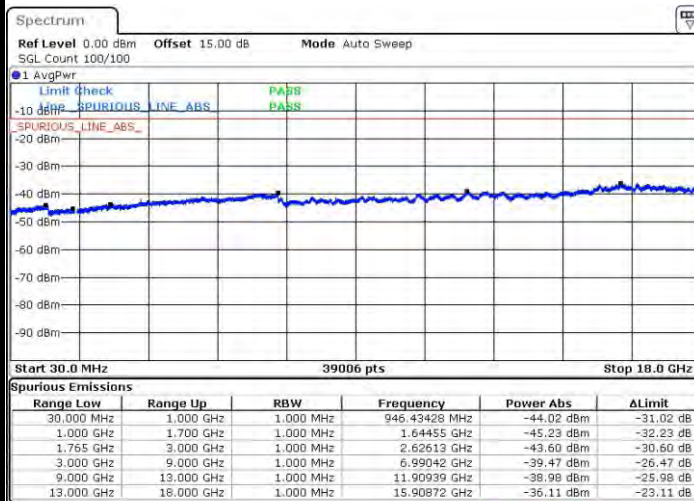
Highest Channel / 16QAM



Date: 29 JUL 2015 23:39:20

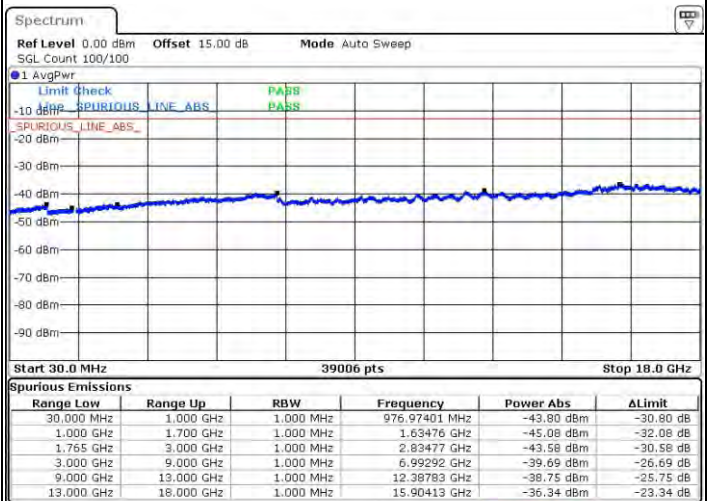
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 29 JUL 2015 23:45:53

Lowest Channel / 16QAM

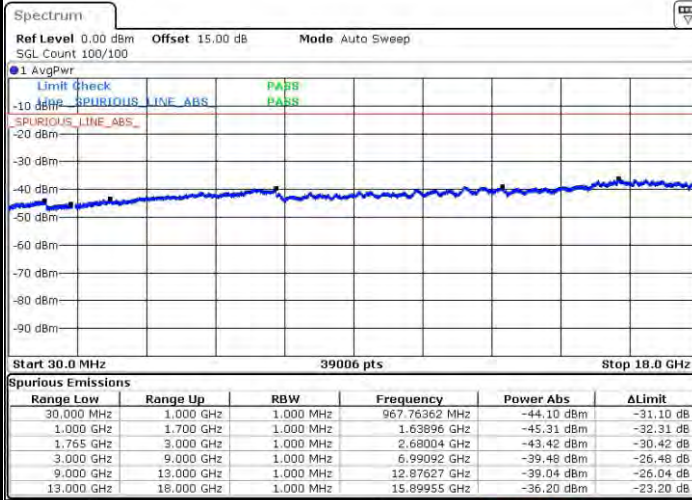


Date: 29 JUL 2015 23:47:04



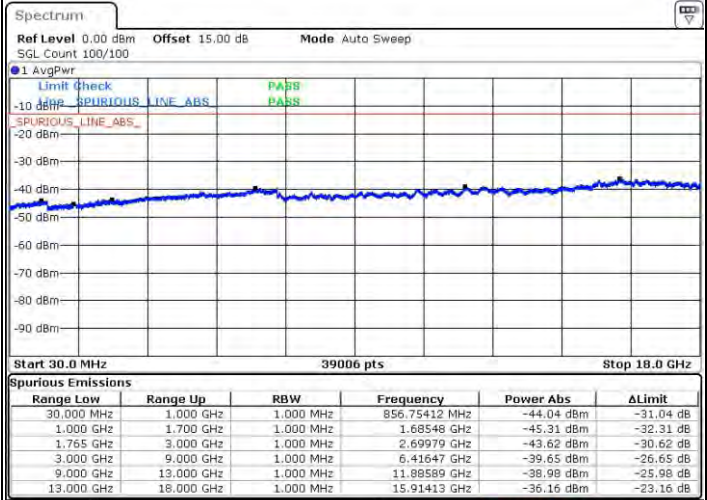
LTE Band 4 / 10MHz

Middle Channel / QPSK



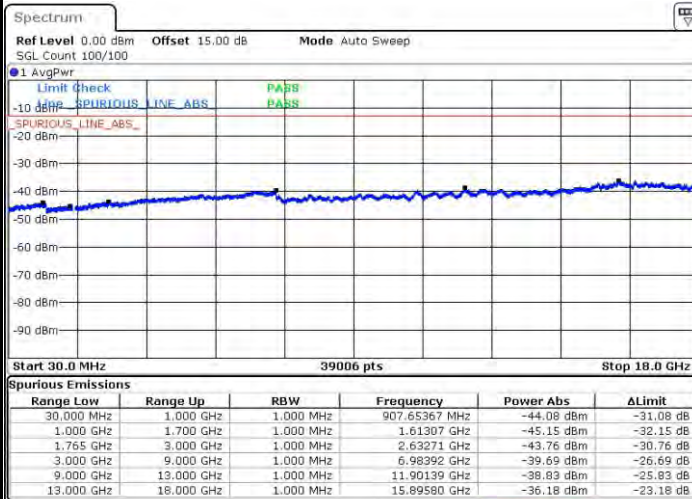
Date: 29 JUL 2015 23:49:03

Middle Channel / 16QAM



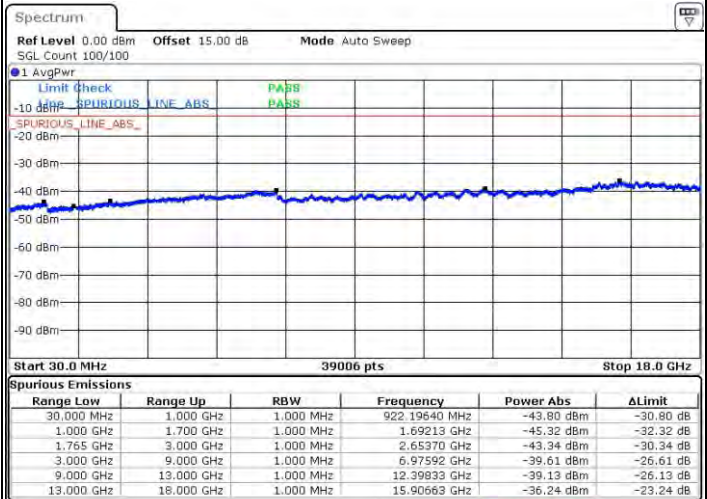
Date: 29 JUL 2015 23:50:15

Highest Channel / QPSK



Date: 29 JUL 2015 23:56:49

Highest Channel / 16QAM

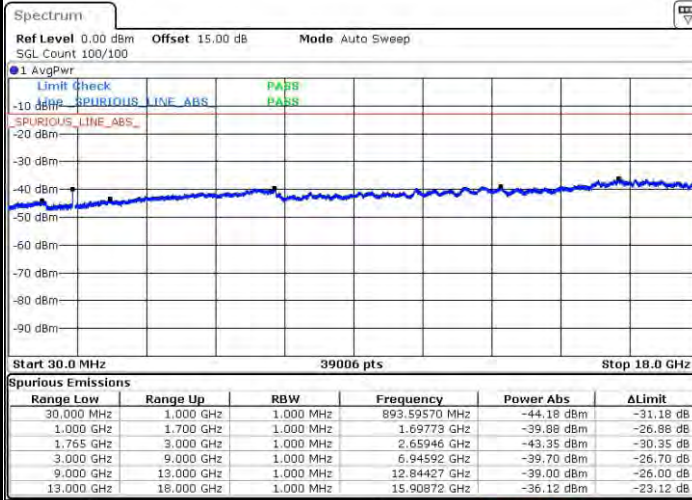


Date: 29 JUL 2015 23:58:00



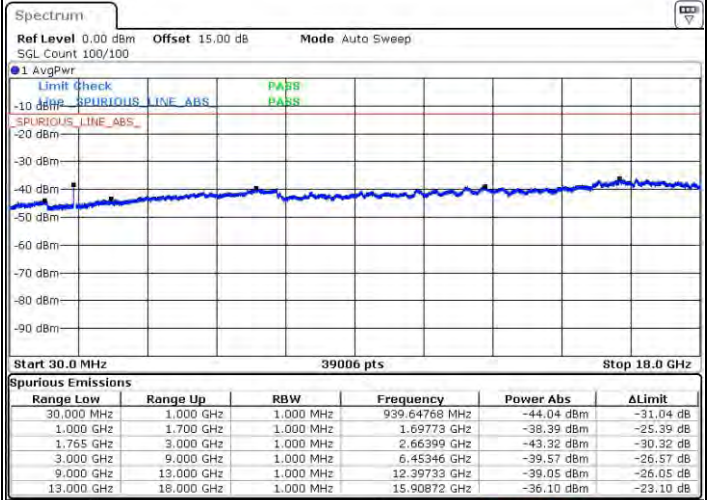
LTE Band 4 / 15MHz

Lowest Channel / QPSK



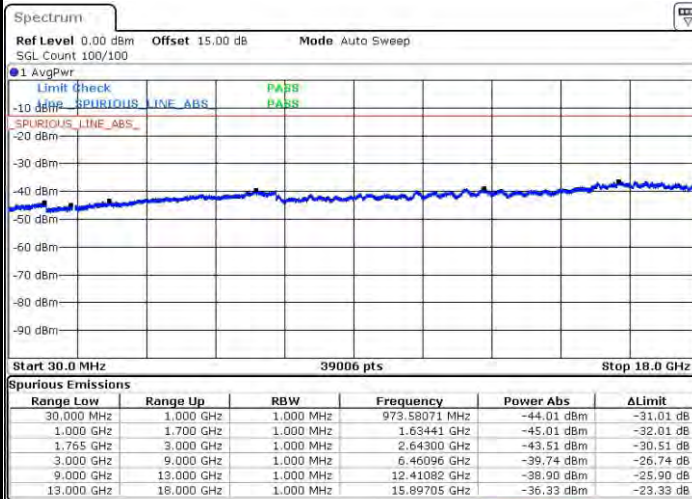
Date: 30 JUL 2015 00:04:35

Lowest Channel / 16QAM



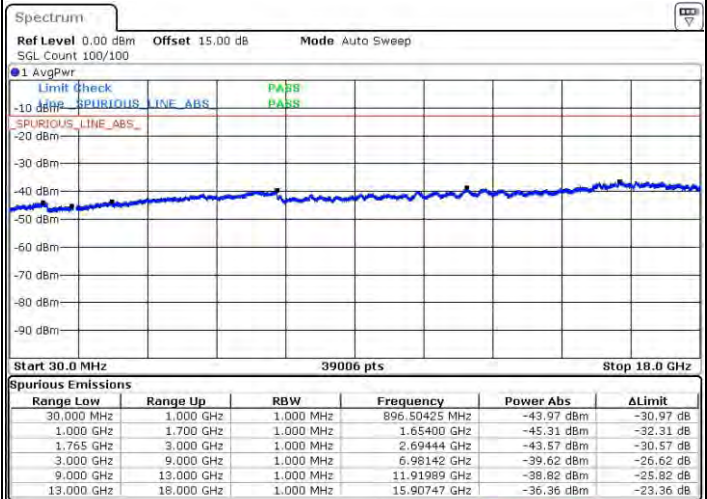
Date: 30 JUL 2015 00:05:48

Middle Channel / QPSK



Date: 30 JUL 2015 00:07:44

Middle Channel / 16QAM

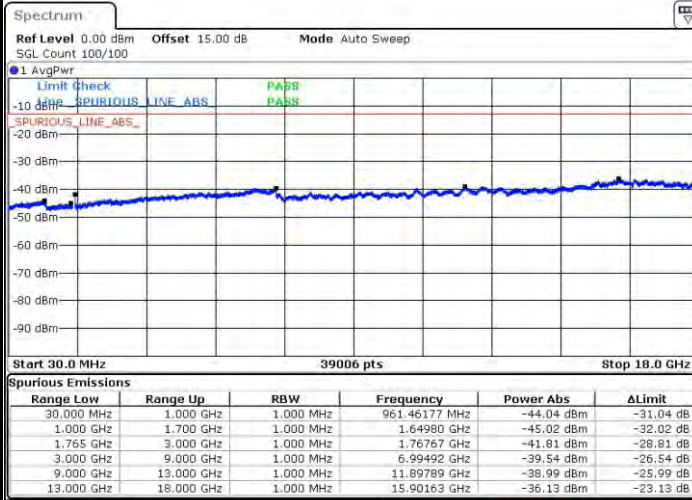


Date: 30 JUL 2015 00:08:56



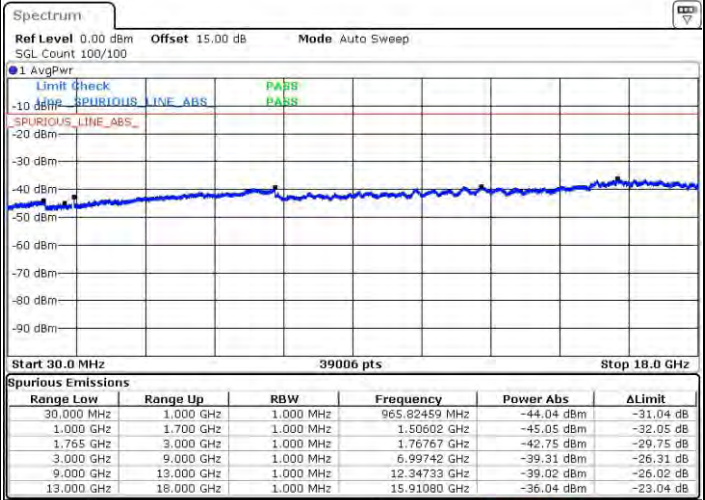
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 30 JUL 2015 00:15:30

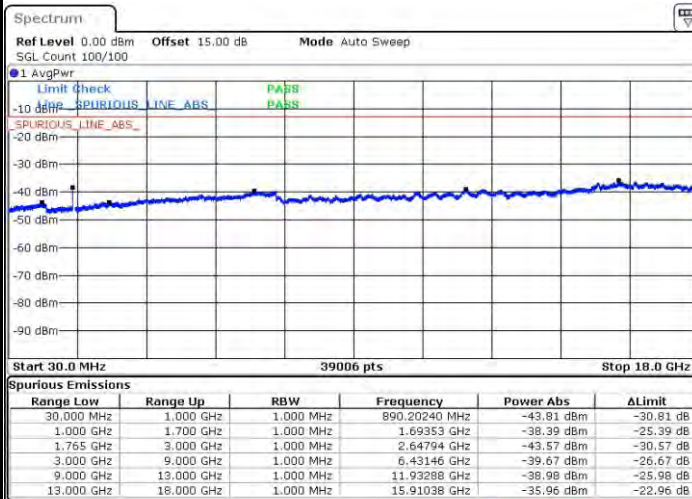
Highest Channel / 16QAM



Date: 30 JUL 2015 00:16:41

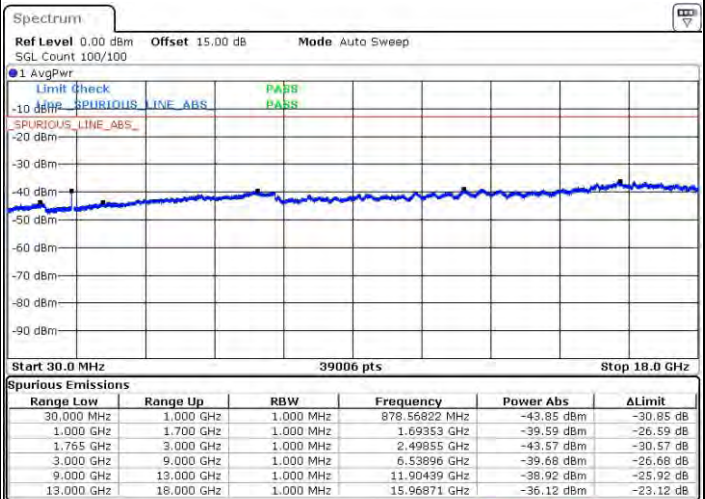
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 30 JUL 2015 00:23:15

Lowest Channel / 16QAM

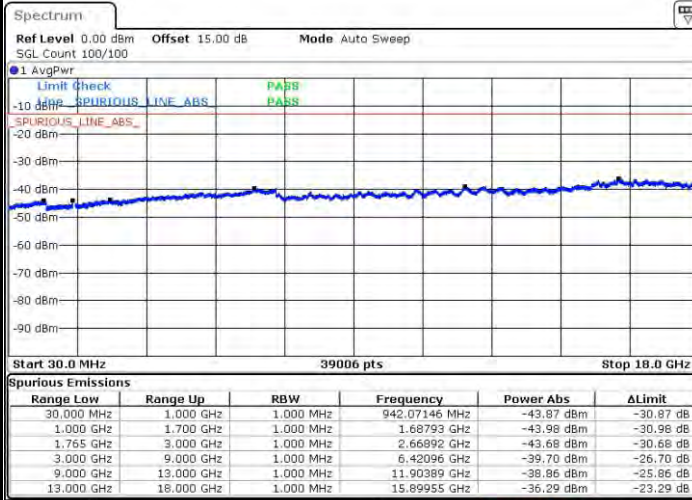


Date: 30 JUL 2015 00:24:26



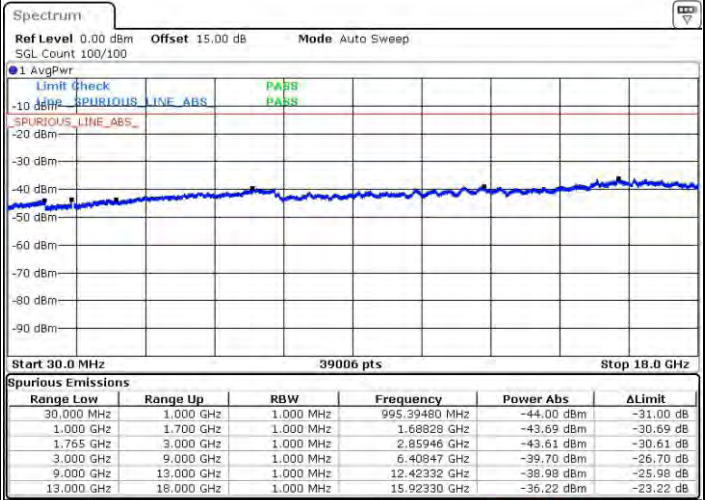
LTE Band 4 / 20MHz

Middle Channel / QPSK



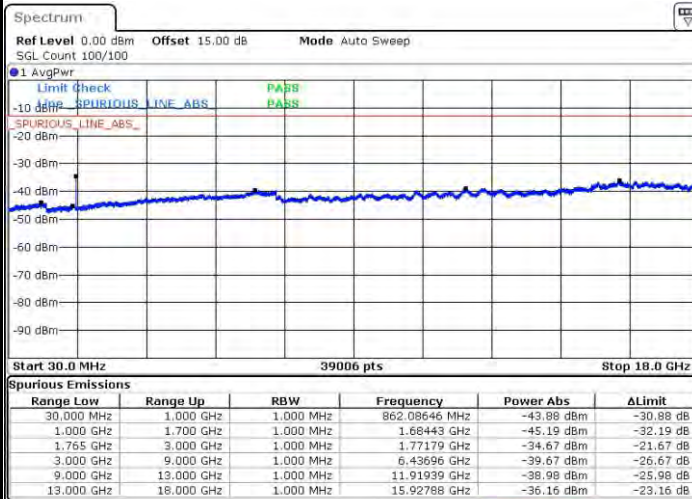
Date: 30 JUL 2015 00:26:25

Middle Channel / 16QAM



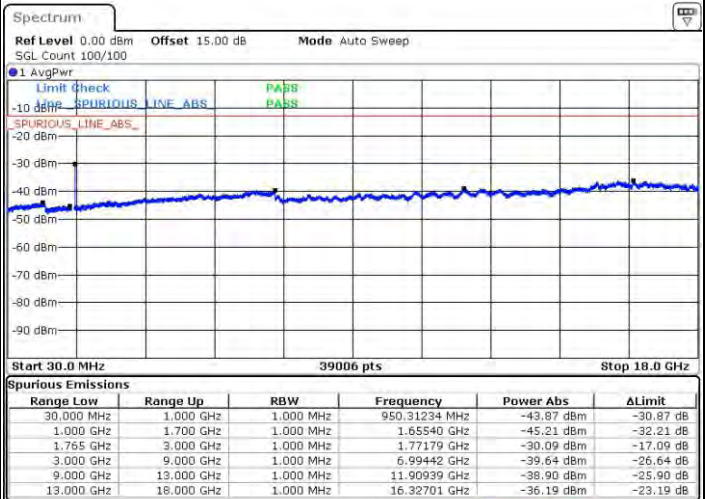
Date: 30 JUL 2015 00:27:36

Highest Channel / QPSK



Date: 30 JUL 2015 00:34:11

Highest Channel / 16QAM

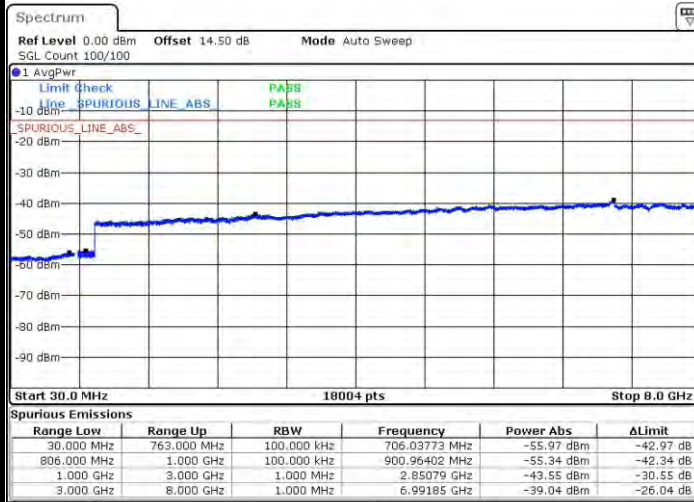


Date: 30 JUL 2015 00:35:22



LTE Band 13 / 5MHz

Lowest Channel / QPSK



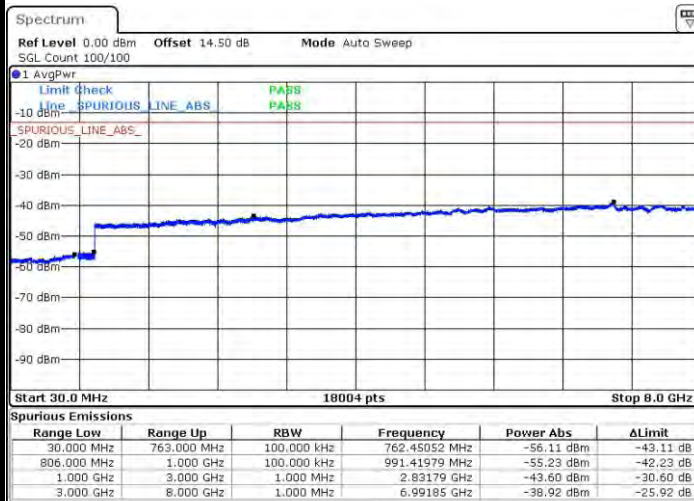
Date: 3.AUG.2015 14:22:52

Lowest Channel / 16QAM



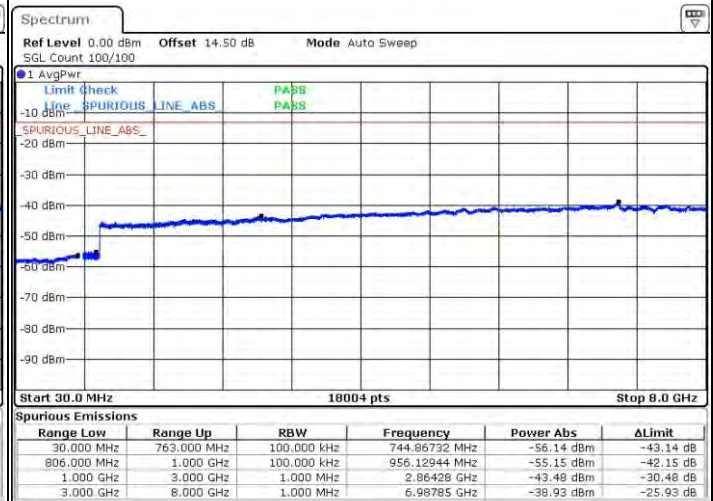
Date: 3.AUG.2015 14:24:04

Middle Channel / QPSK



Date: 3.AUG.2015 14:26:02

Middle Channel / 16QAM

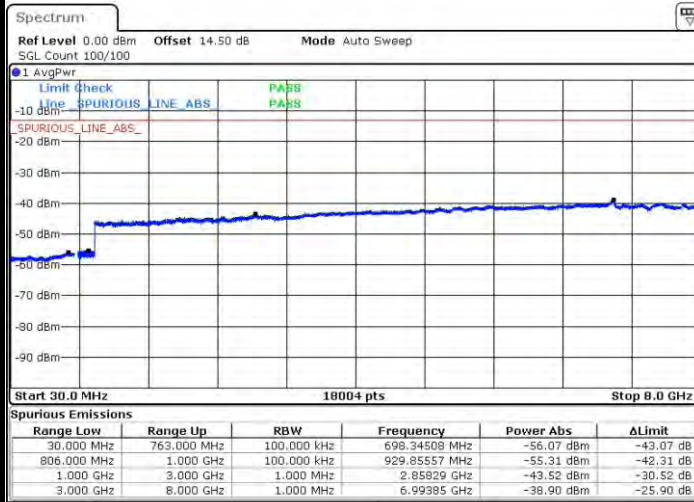


Date: 3.AUG.2015 14:27:14



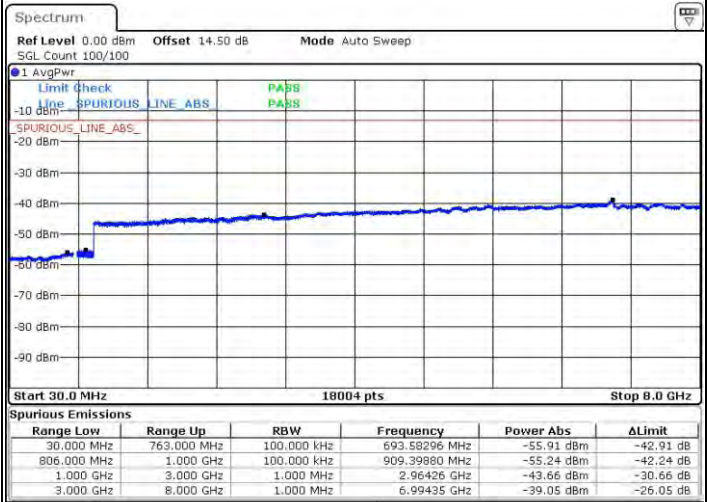
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 3.AUG.2015 14:33:57

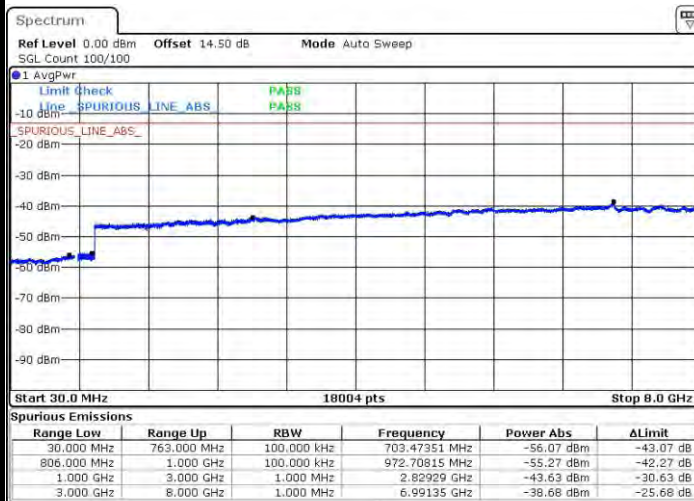
Highest Channel / 16QAM



Date: 3.AUG.2015 14:35:08

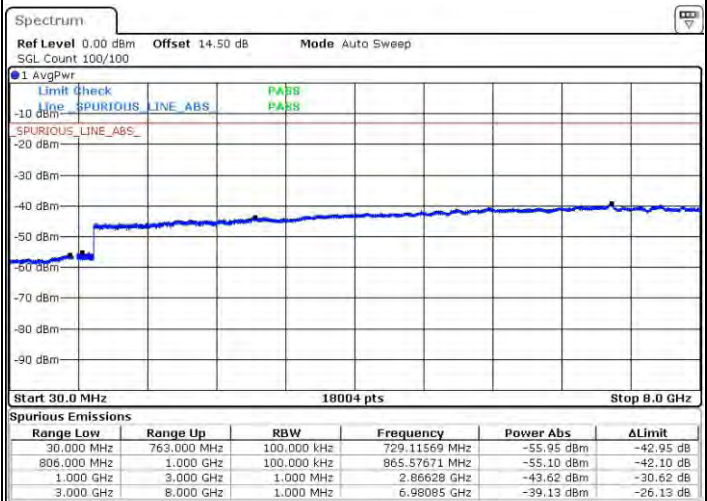
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 3.AUG.2015 14:44:09

Middle Channel / 16QAM



Date: 3.AUG.2015 14:45:21

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	0.0084	PASS
40	Normal Voltage	0.0060	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0263	
-10	Normal Voltage	0.0299	
-20	Normal Voltage	0.0323	
-30	Normal Voltage	0.0335	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 V
2. 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	0.0084	PASS
40	Normal Voltage	0.0060	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0215	
-10	Normal Voltage	0.0239	
-20	Normal Voltage	0.0263	
-30	Normal Voltage	0.0275	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0000	

Note:

1. Normal Voltage = 3.8 V. ; 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

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	0	23.40	0.2188	23.49	0.2234
Middle		3	0	23.38	0.2178	23.46	0.2218
Highest		3	0	23.05	0.2018	23.04	0.2014
Lowest	16QAM	3	2	22.30	0.1698	22.49	0.1774
Middle		3	0	22.41	0.1742	22.46	0.1762
Highest		3	1	21.96	0.1570	21.85	0.1531
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.19	0.2084	23.39	0.2183
Middle		1	0	23.48	0.2228	23.52	0.2249
Highest		1	7	22.87	0.1936	22.67	0.1849
Lowest	16QAM	1	0	22.19	0.1656	22.38	0.1730
Middle		1	7	22.03	0.1596	22.17	0.1648
Highest		1	7	21.69	0.1476	21.59	0.1442
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.32	0.2148	23.53	0.2254
Middle		1	0	23.71	0.2350	23.76	0.2377
Highest		1	0	23.36	0.2168	23.15	0.2065
Lowest	16QAM	1	24	21.76	0.1500	22.06	0.1607
Middle		1	12	22.08	0.1614	22.11	0.1626
Highest		1	0	21.79	0.1510	21.66	0.1466
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.32	0.2148	23.51	0.2244
Middle		1	0	23.72	0.2355	23.87	0.2438
Highest		1	0	23.65	0.2317	23.62	0.2301
Lowest	16QAM	1	49	22.27	0.1687	22.40	0.1738
Middle		1	0	22.29	0.1694	22.41	0.1742
Highest		1	0	22.28	0.1690	22.26	0.1683
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	23.26	0.2118	23.46	0.2218
Middle		1	74	23.26	0.2118	23.32	0.2148
Highest		1	74	23.06	0.2023	22.91	0.1954
Lowest	16QAM	1	37	22.09	0.1618	22.24	0.1675
Middle		1	74	21.77	0.1503	21.86	0.1535
Highest		1	37	21.95	0.1567	21.90	0.1549
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	0	23.27	0.2123	23.49	0.2234
Middle		1	0	24.01	0.2518	24.17	0.2612
Highest		1	0	23.41	0.2193	23.53	0.2254
Lowest	16QAM	1	0	21.87	0.1538	22.01	0.1589
Middle		1	99	21.90	0.1549	22.02	0.1592
Highest		1	99	21.57	0.1435	21.48	0.1406
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	2	23.36	0.2168	23.44	0.2208
Middle		1	0	23.92	0.2466	23.89	0.2449
Highest		1	5	24.67	0.2931	24.50	0.2818
Lowest	16QAM	1	5	22.27	0.1687	22.24	0.1675
Middle		3	1	22.94	0.1968	22.86	0.1932
Highest		3	0	23.71	0.2350	23.49	0.2234
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	23.34	0.2158	23.31	0.2143
Middle		1	0	23.56	0.2270	23.59	0.2286
Highest		1	0	24.29	0.2685	24.15	0.2600
Lowest	16QAM	1	7	22.25	0.1679	22.23	0.1671
Middle		1	0	22.69	0.1858	22.60	0.1820
Highest		1	14	23.48	0.2228	23.30	0.2138
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	23.21	0.2094	23.20	0.2089
Middle		1	0	23.55	0.2265	23.61	0.2296
Highest		1	0	24.29	0.2685	24.15	0.2600
Lowest	16QAM	1	0	22.13	0.1633	22.07	0.1611
Middle		1	0	22.43	0.1750	22.41	0.1742
Highest		1	24	23.36	0.2168	23.17	0.2075
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	24	23.26	0.2118	23.09	0.2037
Middle		1	0	23.43	0.2203	23.39	0.2183
Highest		1	0	24.21	0.2636	24.18	0.2618
Lowest	16QAM	1	49	22.07	0.1611	21.97	0.1574
Middle		1	0	22.43	0.1750	22.29	0.1694
Highest		1	0	23.14	0.2061	22.99	0.1991
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	23.21	0.2094	23.19	0.2084
Middle		1	0	23.51	0.2244	23.39	0.2183
Highest		1	37	24.32	0.2704	24.25	0.2661
Lowest	16QAM	1	0	22.10	0.1622	22.06	0.1607
Middle		1	0	22.33	0.1710	22.17	0.1648
Highest		1	0	22.94	0.1968	22.92	0.1959
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	23.23	0.2104	23.18	0.2080
Middle		1	49	23.69	0.2339	23.74	0.2366
Highest		1	49	24.21	0.2636	24.19	0.2624
Lowest	16QAM	1	99	22.37	0.1726	22.34	0.1714
Middle		1	0	22.17	0.1648	22.08	0.1614
Highest		1	0	22.72	0.1871	22.67	0.1849
Limit	EIRP < 1W			Result		PASS	



LTE Band 13 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	18.81	0.0760	10.17	0.0104
Middle		1	0	18.83	0.0764	10.28	0.0107
Highest		1	12	18.40	0.0692	10.10	0.0102
Lowest	16QAM	1	12	17.73	0.0593	9.85	0.0097
Middle		1	12	17.51	0.0564	9.85	0.0097
Highest		1	24	17.16	0.0520	9.65	0.0092
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	24	18.67	0.0736	10.21	0.0105
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	24	17.49	0.0561	9.76	0.0095
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	

**Radiated Spurious Emission**

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3758.92	-53.36	-13	-40.36	-66.13	-60.55	0.81	8.00	H
	5638.38	-29.43	-13	-16.43	-51.03	-39.42	1.01	11.00	H
	7517.84	-46.34	-13	-33.34	-68.51	-58.58	1.46	13.70	H
	3758.92	-53.13	-13	-40.13	-66.2	-60.32	0.81	8.00	V
	5638.38	-33.46	-13	-20.46	-54.25	-43.45	1.01	11.00	V
	7517.84	-45.95	-13	-32.95	-68.44	-58.19	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)
Middle	3758.92	-52.57	-13	-39.57	-65.34	-59.76	0.81	8.00	H
	5638.38	-30.62	-13	-17.62	-52.07	-40.61	1.01	11.00	H
	7517.84	-45.80	-13	-32.80	-67.97	-58.04	1.46	13.70	H
	3758.92	-53.08	-13	-40.08	-66.15	-60.27	0.81	8.00	V
	5638.38	-31.73	-13	-18.73	-52.97	-41.72	1.01	11.00	V
	7517.84	-46.46	-13	-33.46	-68.95	-58.70	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)
Middle	3755.68	-52.49	-13	-39.49	-65.26	-59.68	0.81	8.00	H
	5633.52	-31.12	-13	-18.12	-52.53	-41.11	1.01	11.00	H
	7511.36	-46.21	-13	-33.21	-68.38	-58.45	1.46	13.70	H
	3755.68	-52.52	-13	-39.52	-65.59	-59.71	0.81	8.00	V
	5633.52	-33.09	-13	-20.09	-53.88	-43.08	1.01	11.00	V
	7511.36	-45.88	-13	-32.88	-68.37	-58.12	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)
Middle	3751.18	-53.10	-13	-40.10	-65.87	-60.29	0.81	8.00	H
	5626.77	-32.96	-13	-19.96	-53.85	-42.95	1.01	11.00	H
	7502.36	-45.66	-13	-32.66	-67.83	-57.90	1.46	13.70	H
	3751.18	-52.85	-13	-39.85	-65.92	-60.04	0.81	8.00	V
	5626.77	-33.22	-13	-20.22	-54.01	-43.21	1.01	11.00	V
	7502.36	-45.42	-13	-32.42	-67.91	-57.66	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)
Middle	3746.68	-53.51	-13	-40.51	-66.28	-60.70	0.81	8.00	H
	5620.02	-32.25	-13	-19.25	-53.28	-42.24	1.01	11.00	H
	7493.36	-46.18	-13	-33.18	-68.35	-58.42	1.46	13.70	H
	3746.68	-50.98	-13	-37.98	-64.05	-58.17	0.81	8.00	V
	5620.02	-34.07	-13	-21.07	-54.82	-44.06	1.01	11.00	V
	7493.36	-45.42	-13	-32.42	-67.91	-57.66	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)
Middle	3742.18	-53.01	-13	-40.01	-65.78	-60.20	0.81	8.00	H
	5613.27	-33.24	-13	-20.24	-54.06	-43.23	1.01	11.00	H
	7484.36	-45.52	-13	-32.52	-67.69	-57.76	1.46	13.70	H
	3742.18	-51.53	-13	-38.53	-64.6	-58.72	0.81	8.00	V
	5613.27	-35.57	-13	-22.57	-55.91	-45.56	1.01	11.00	V
	7484.36	-45.65	-13	-32.65	-68.14	-57.89	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)
Middle	3463.92	-48.05	-13	-35.05	-60.88	-55.24	0.81	8.00	H
	5195.88	-49.49	-13	-36.49	-68.02	-58.54	0.95	10.00	H
	6927.84	-47.71	-13	-34.71	-69.05	-59.98	1.13	13.40	H
	3463.92	-48.46	-13	-35.46	-61.8	-60.25	0.81	12.60	V
	5195.88	-49.33	-13	-36.33	-67.96	-61.08	0.95	12.70	V
	6927.84	-48.45	-13	-35.45	-69.44	-59.02	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)
Middle	3462.48	-50.22	-13	-37.22	-63.05	-57.41	0.81	8.00	H
	5193.72	-46.84	-13	-33.84	-65.37	-55.89	0.95	10.00	H
	6924.96	-44.03	-13	-31.03	-65.37	-56.30	1.13	13.40	H
	3462.48	-50.41	-13	-37.41	-63.75	-62.20	0.81	12.60	V
	5193.72	-46.46	-13	-33.46	-65.09	-58.21	0.95	12.70	V
	6924.96	-47.59	-13	-34.59	-68.58	-58.16	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)
Middle	3460.68	-52.16	-13	-39.16	-64.99	-59.35	0.81	8.00	H
	5191.02	-48.67	-13	-35.67	-67.20	-57.72	0.95	10.00	H
	6921.36	-47.00	-13	-34.00	-68.34	-59.27	1.13	13.40	H
	3460.68	-51.99	-13	-38.99	-65.33	-63.78	0.81	12.60	V
	5191.02	-49.20	-13	-36.20	-67.83	-60.95	0.95	12.70	V
	6921.36	-47.24	-13	-34.24	-68.23	-57.81	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)
Middle	3456.18	-50.91	-13	-37.91	-63.74	-58.10	0.81	8.00	H
	5184.27	-49.33	-13	-36.33	-67.86	-58.38	0.95	10.00	H
	6912.36	-47.41	-13	-34.41	-68.75	-59.68	1.13	13.40	H
	3456.18	-48.53	-13	-35.53	-61.87	-60.32	0.81	12.60	V
	5184.27	-48.91	-13	-35.91	-67.54	-60.66	0.95	12.70	V
	6912.36	-47.53	-13	-34.53	-68.52	-58.10	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)
Middle	3451.68	-52.98	-13	-39.98	-65.81	-60.17	0.81	8.00	H
	5177.52	-49.52	-13	-36.52	-68.05	-58.57	0.95	10.00	H
	6903.36	-47.50	-13	-34.50	-68.84	-59.77	1.13	13.40	H
	3451.68	-52.54	-13	-39.54	-65.88	-64.33	0.81	12.60	V
	5177.52	-48.52	-13	-35.52	-67.15	-60.27	0.95	12.70	V
	6903.36	-48.05	-13	-35.05	-69.04	-58.62	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)
Middle	3447.18	-52.42	-13	-39.42	-65.25	-59.61	0.81	8.00	H
	5170.77	-49.23	-13	-36.23	-67.76	-58.28	0.95	10.00	H
	6894.36	-47.55	-13	-34.55	-68.89	-59.82	1.13	13.40	H
	3447.18	-52.19	-13	-39.19	-65.53	-63.98	0.81	12.60	V
	5170.77	-48.20	-13	-35.20	-66.83	-59.95	0.95	12.70	V
	6894.36	-47.72	-13	-34.72	-68.71	-58.29	1.13	11.70	V

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



LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.86	-56.04	-40	-16.04	-68.96	-59.01	0.88	6.00	H
	2339.79	-49.89	-13	-36.89	-71.44	-52.50	1.08	5.84	H
	3119.72	-60.35	-13	-47.35	-70.95	-64.72	1.14	7.66	H
	1559.86	-58.67	-40	-18.67	-69.30	-61.64	0.88	6.00	V
	2339.79	-51.27	-13	-38.27	-70.55	-53.88	1.08	5.84	V
	3119.72	-59.38	-13	-46.38	-71.21	-63.75	1.14	7.66	V

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

LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555.18	-56.26	-13	-43.26	-69.18	-59.23	0.88	6.00	H
	2332.77	-50.12	-13	-37.12	-71.59	-52.73	1.08	5.84	H
	3110.36	-60.46	-13	-47.46	-71.06	-64.83	1.14	7.66	H
	1555.18	-58.96	-13	-45.96	-69.59	-61.93	0.88	6.00	V
	2332.77	-51.55	-13	-38.55	-70.65	-54.16	1.08	5.84	V
	3110.36	-59.54	-13	-46.54	-71.37	-63.91	1.14	7.66	V

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