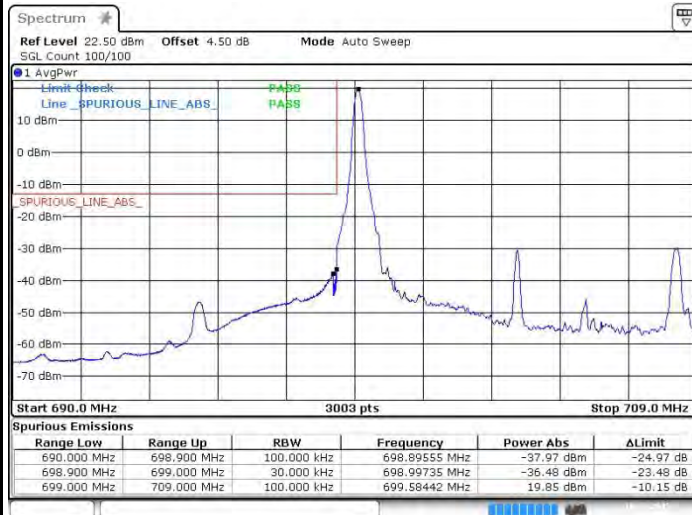


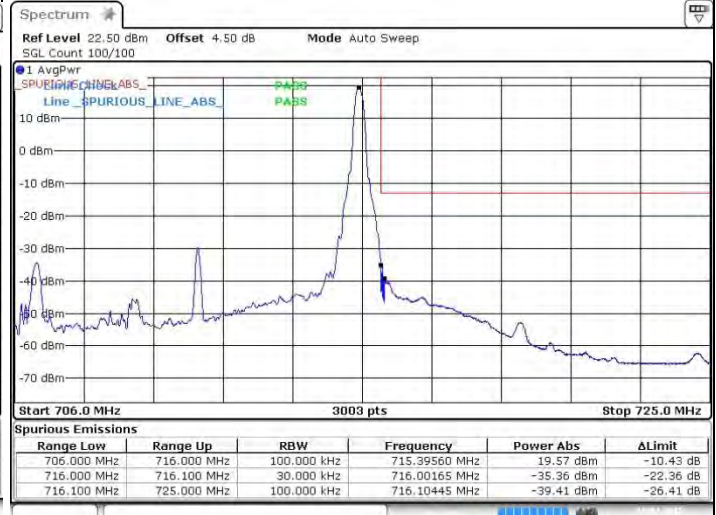


LTE Band 12 / 10MHz / 16QAM

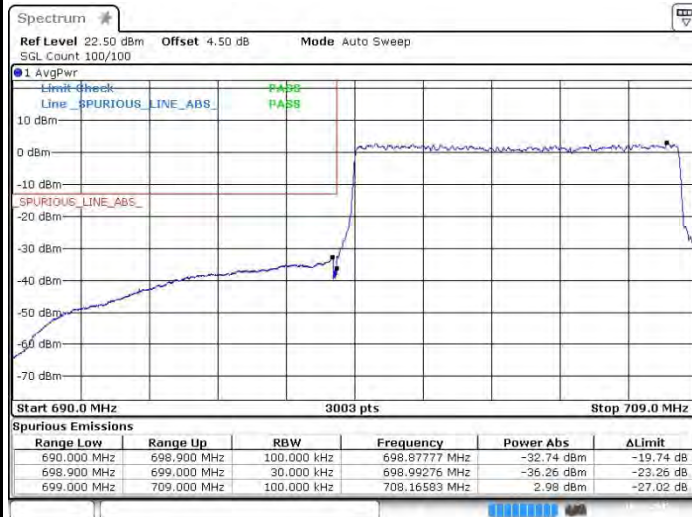
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



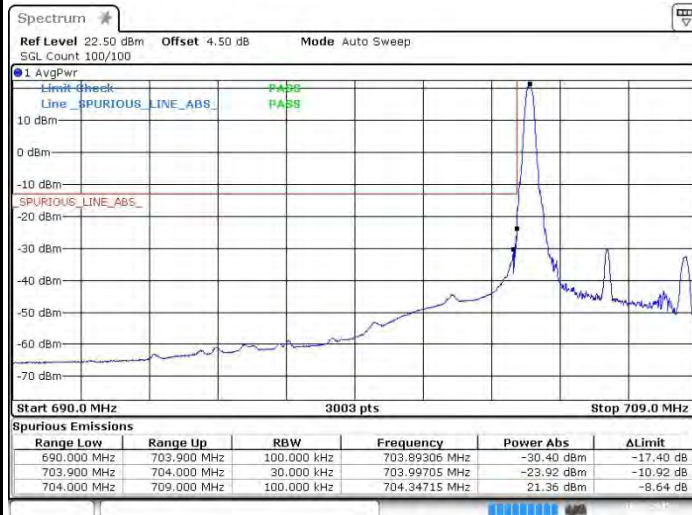
Highest Band Edge / Full RB



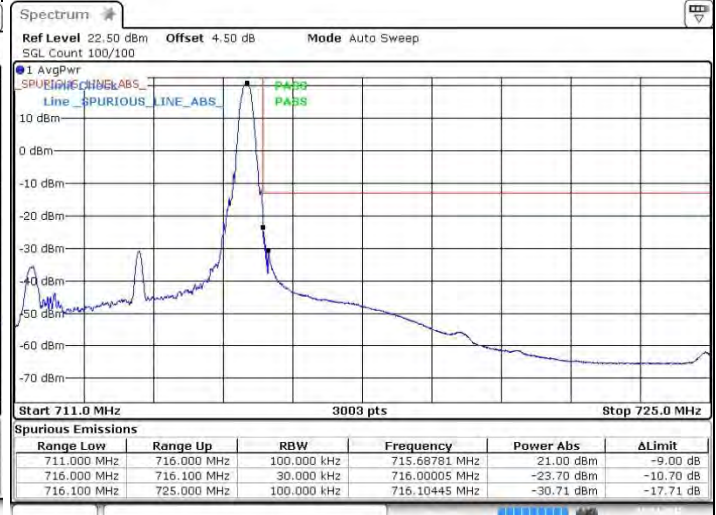


LTE Band 17 / 5MHz / QPSK

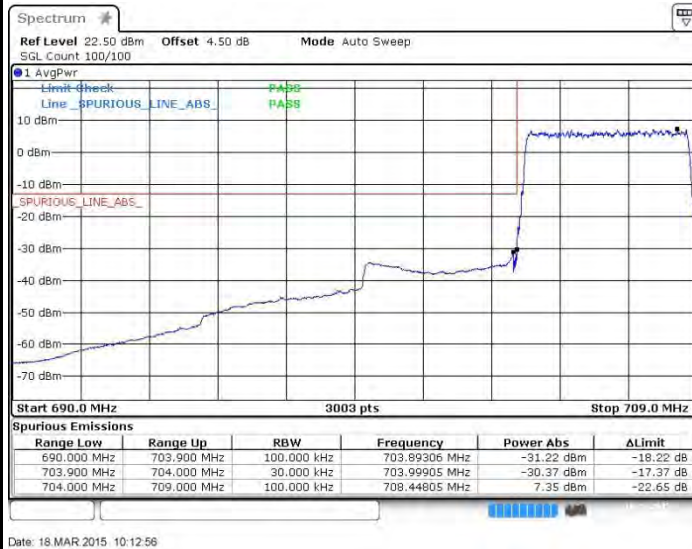
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 18.MAR.2015 10:10:08



Date: 18.MAR.2015 10:14:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.MAR.2015 10:11:35

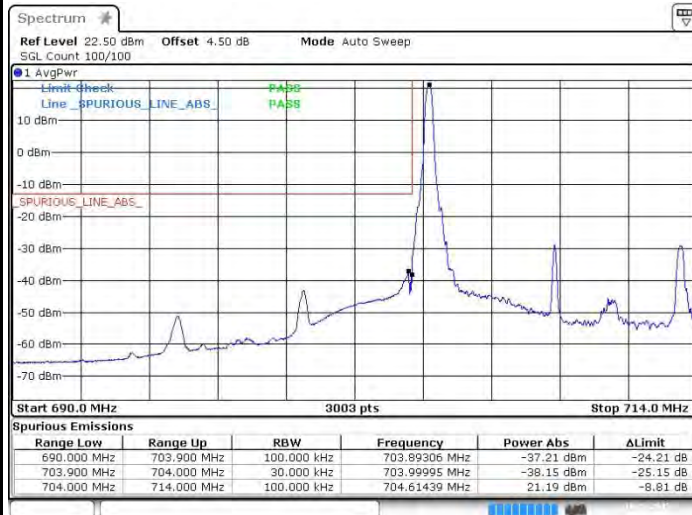


Date: 18.MAR.2015 10:16:58

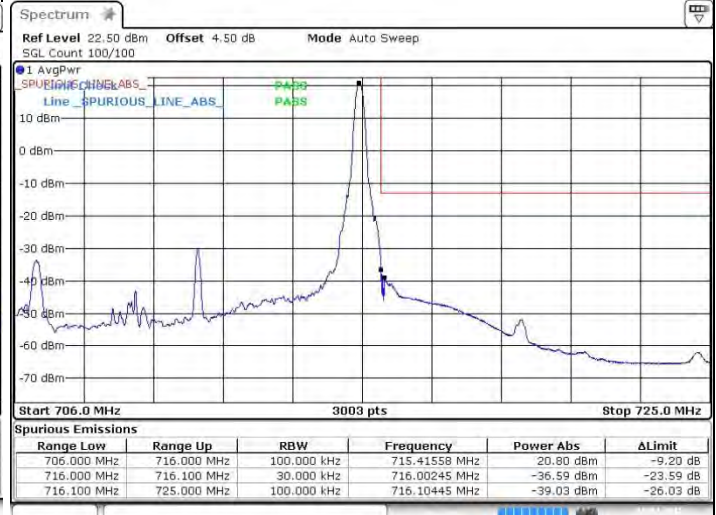


LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



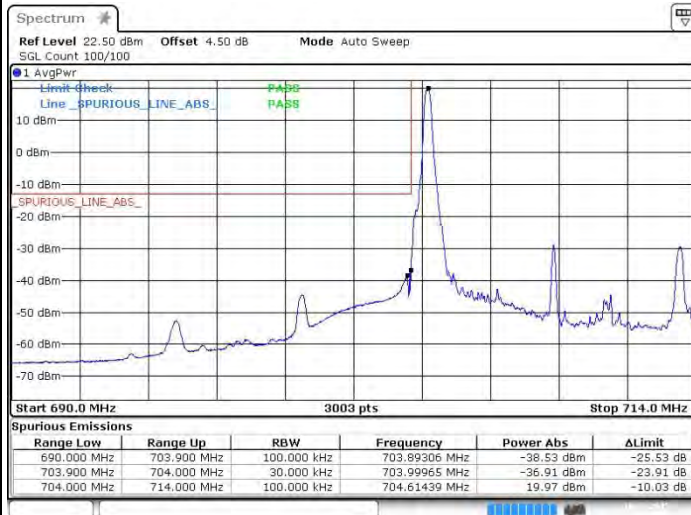
Highest Band Edge / Full RB



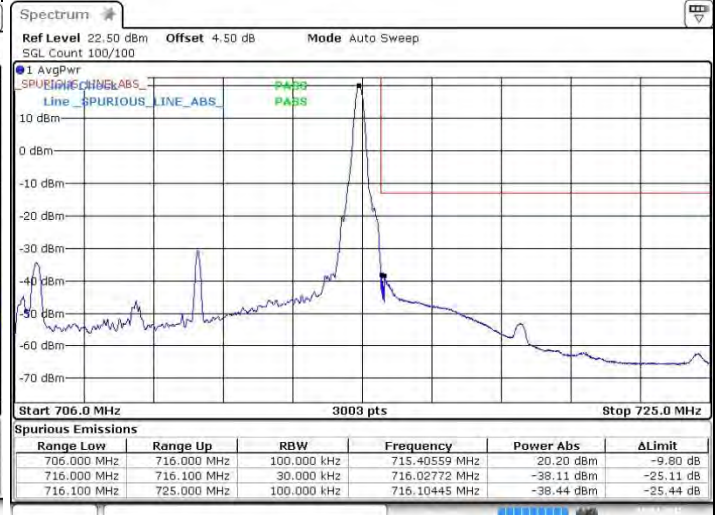


LTE Band 17 / 10MHz / 16QAM

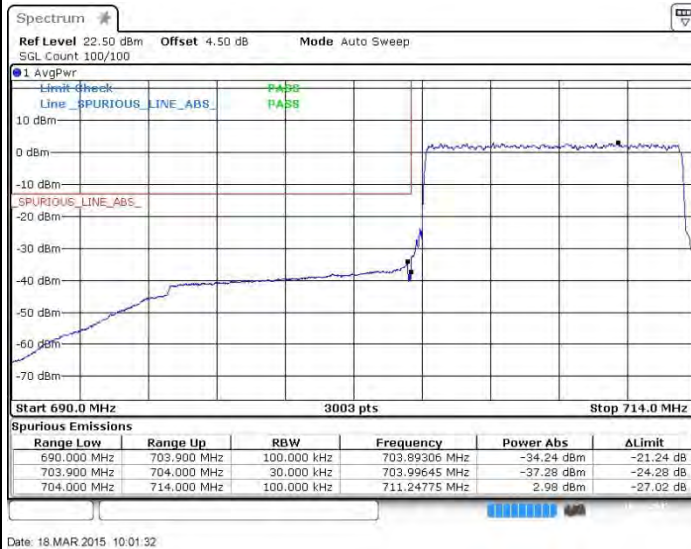
Lowest Band Edge / 1 RB



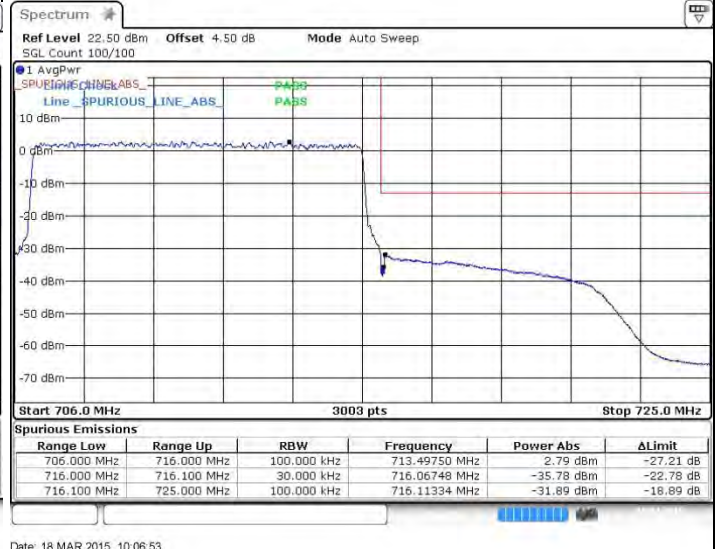
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



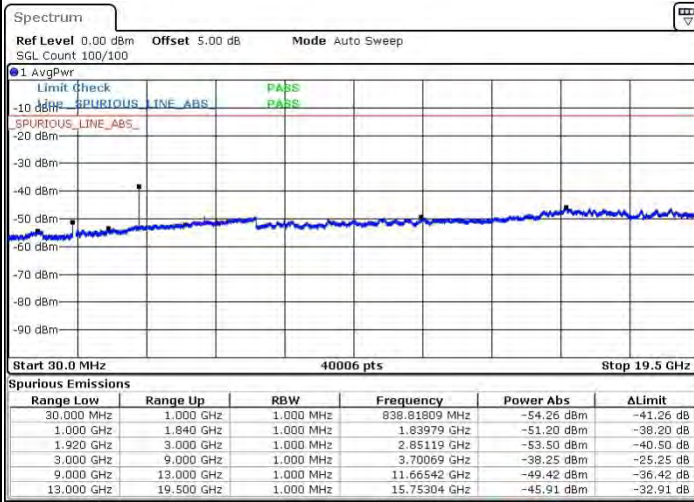


Conducted Spurious Emission



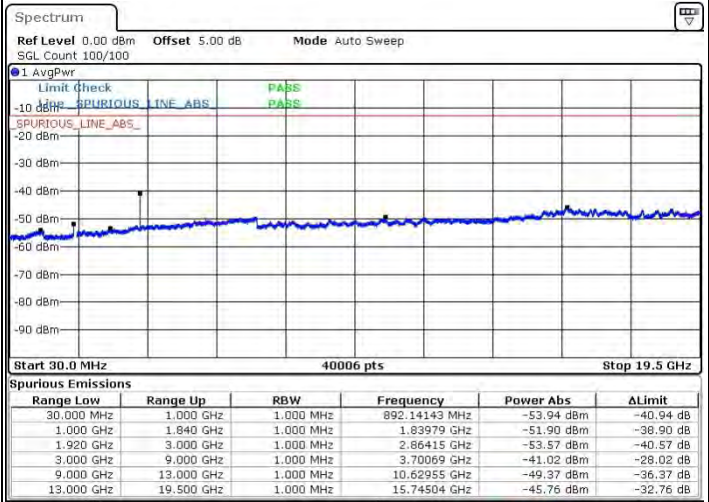
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



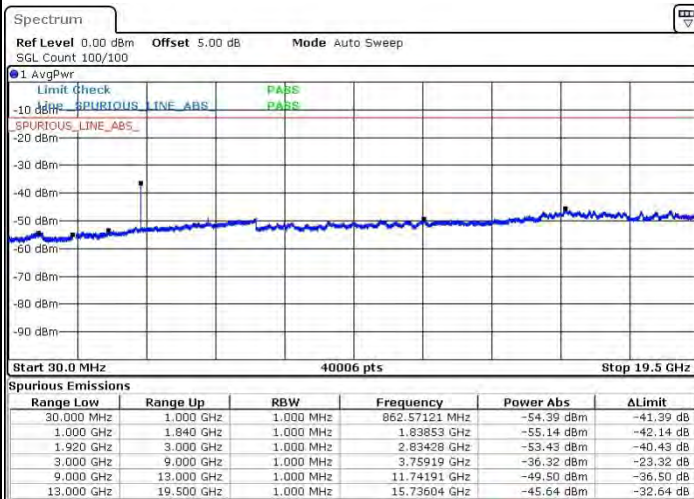
Date: 17.MAR.2015 09:38:30

Lowest Channel / 16QAM



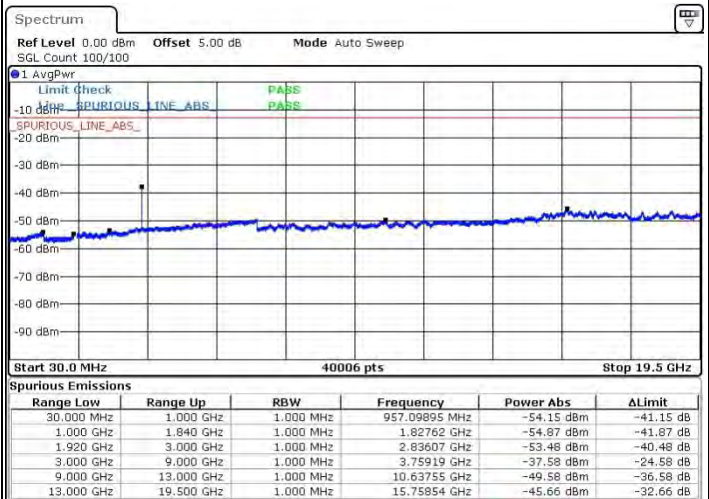
Date: 17.MAR.2015 09:39:49

Middle Channel / QPSK



Date: 17.MAR.2015 09:41:50

Middle Channel / 16QAM

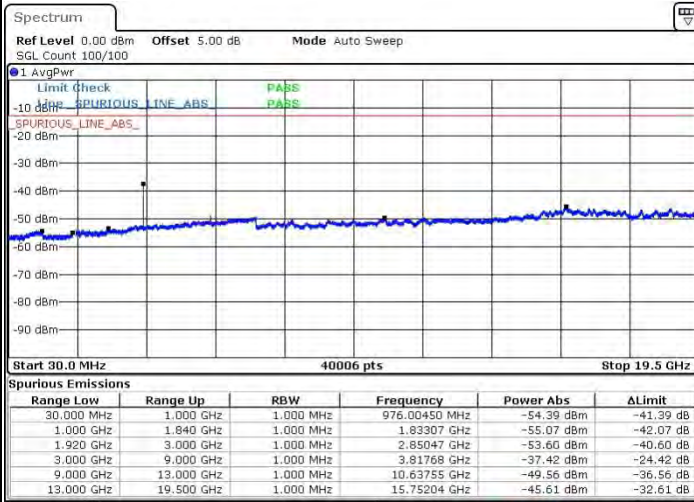


Date: 17.MAR.2015 09:43:09



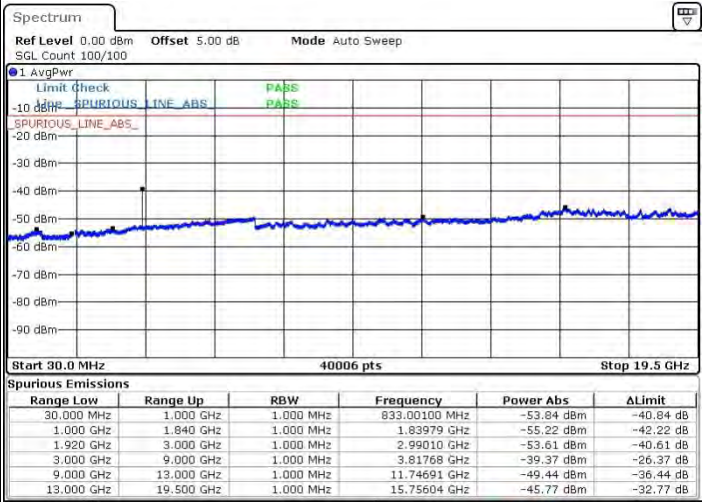
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 17.MAR.2015 09:46:13

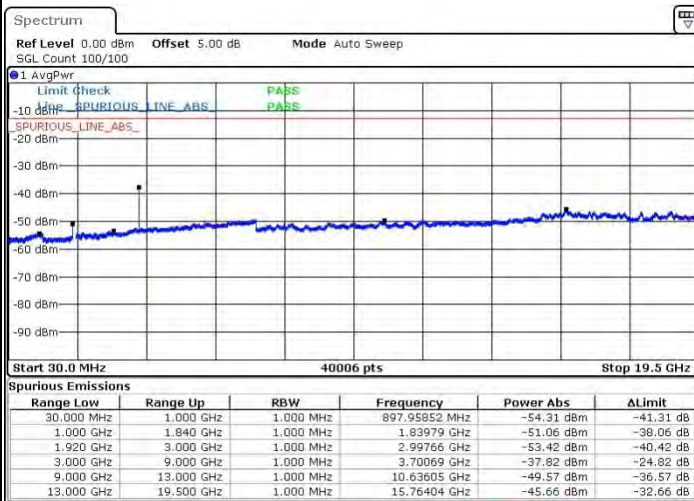
Highest Channel / 16QAM



Date: 17.MAR.2015 09:47:32

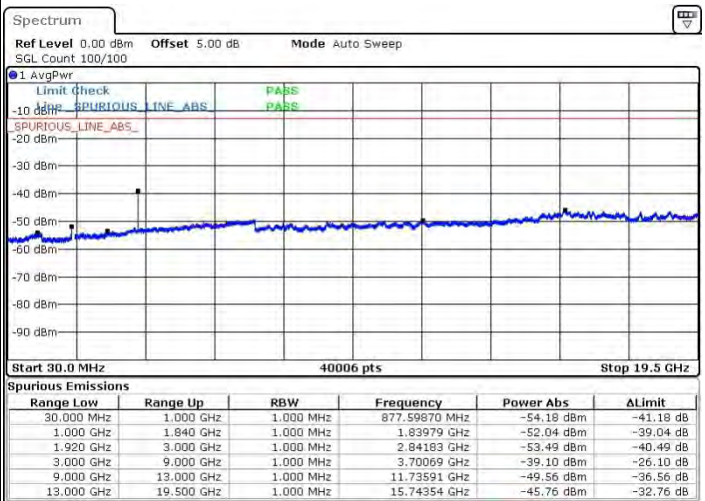
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 17.MAR.2015 09:49:34

Lowest Channel / 16QAM

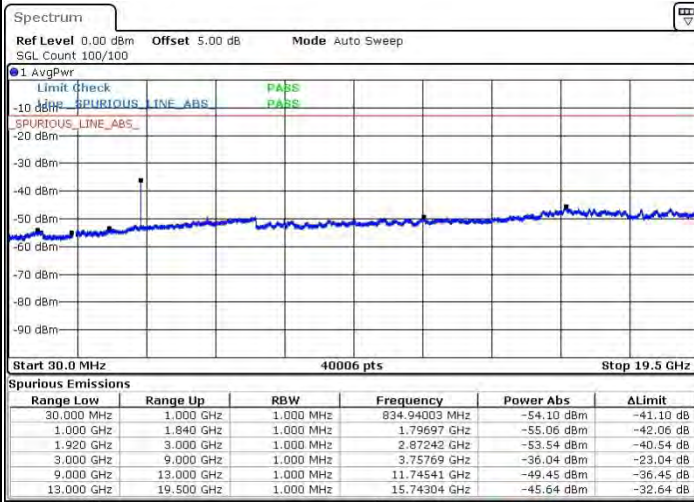


Date: 17.MAR.2015 09:50:52



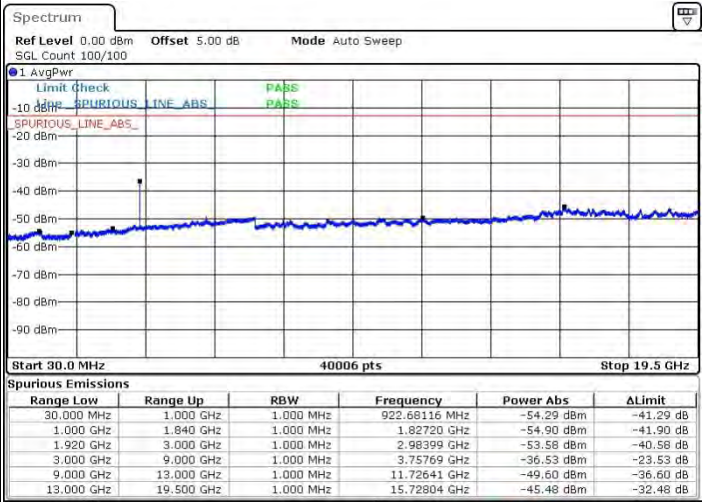
LTE Band 2 / 3MHz

Middle Channel / QPSK



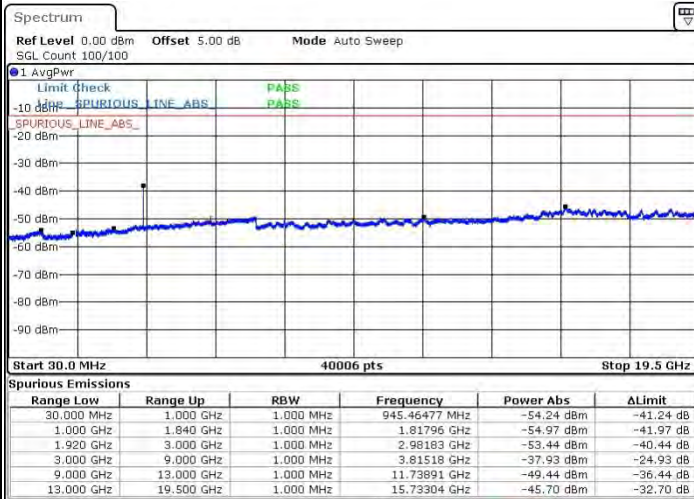
Date: 17.MAR.2015 09:52:54

Middle Channel / 16QAM



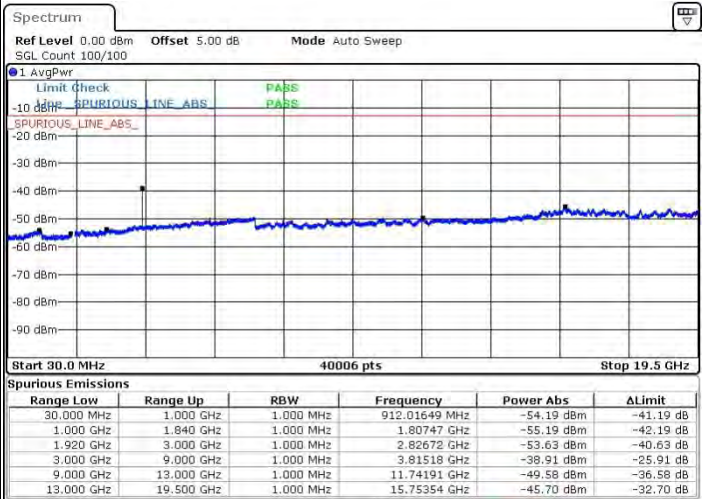
Date: 17.MAR.2015 09:54:12

Highest Channel / QPSK



Date: 17.MAR.2015 09:56:14

Highest Channel / 16QAM

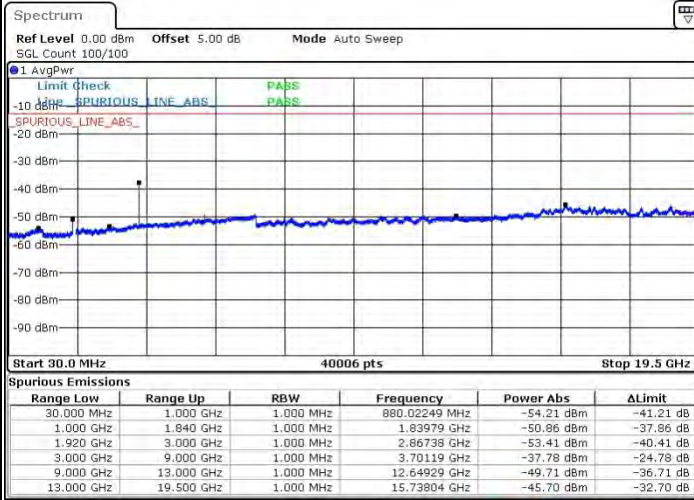


Date: 17.MAR.2015 09:57:32



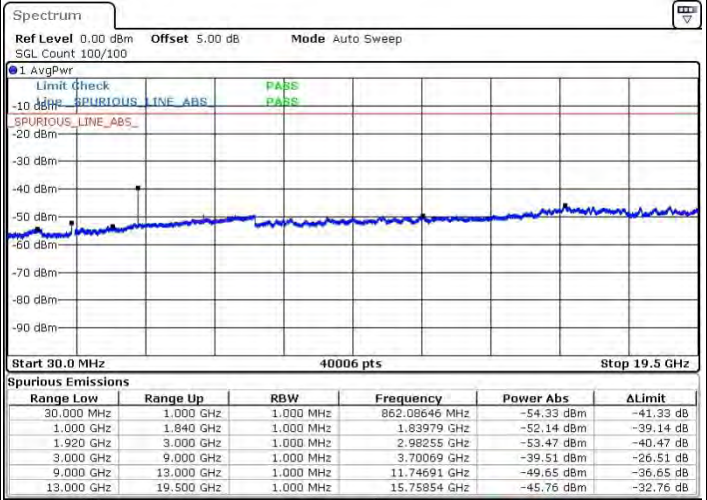
LTE Band 2 / 5MHz

Lowest Channel / QPSK



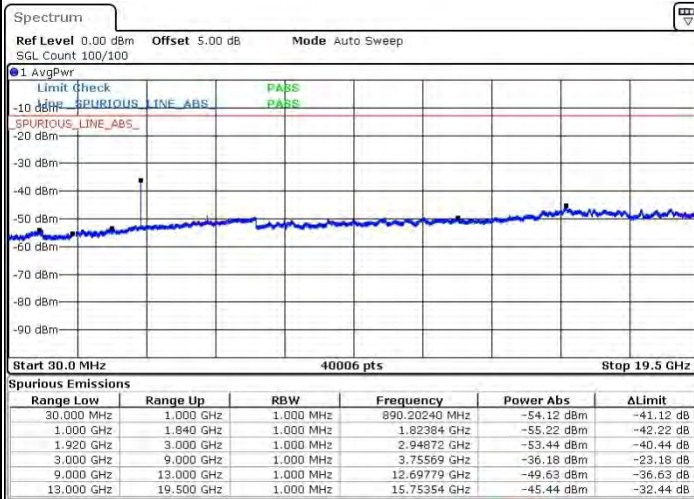
Date: 17.MAR.2015 09:59:34

Lowest Channel / 16QAM



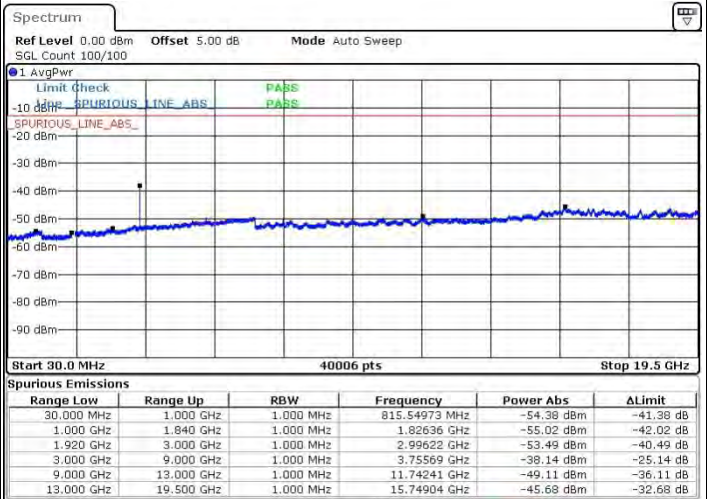
Date: 17.MAR.2015 10:00:53

Middle Channel / QPSK



Date: 17.MAR.2015 10:02:54

Middle Channel / 16QAM

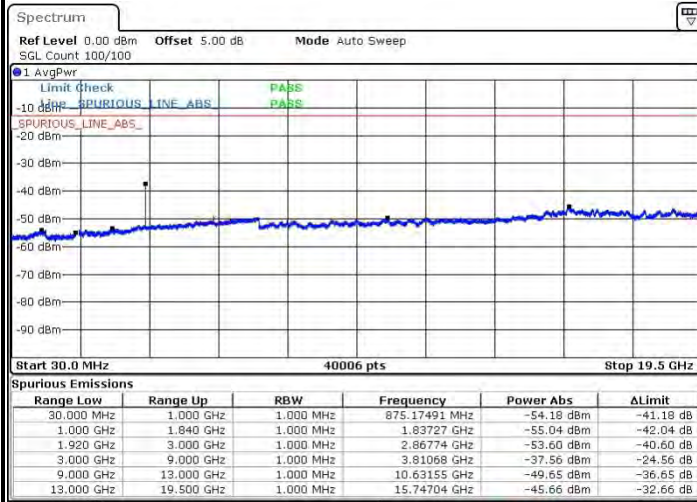


Date: 17.MAR.2015 10:04:13



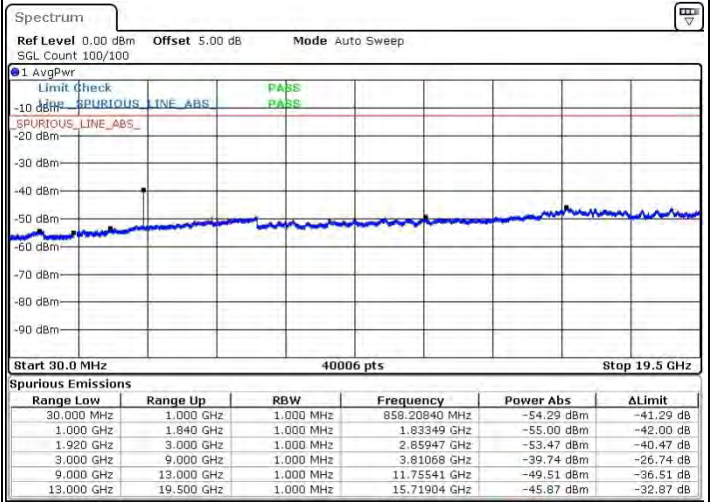
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 17.MAR.2015 10:08:15

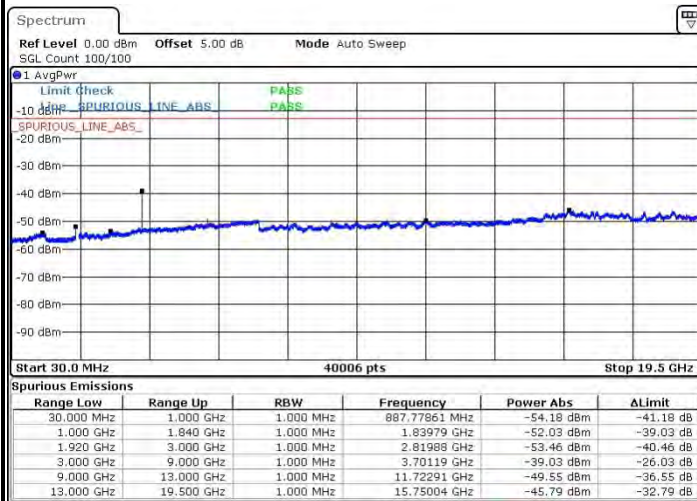
Highest Channel / 16QAM



Date: 17.MAR.2015 10:07:33

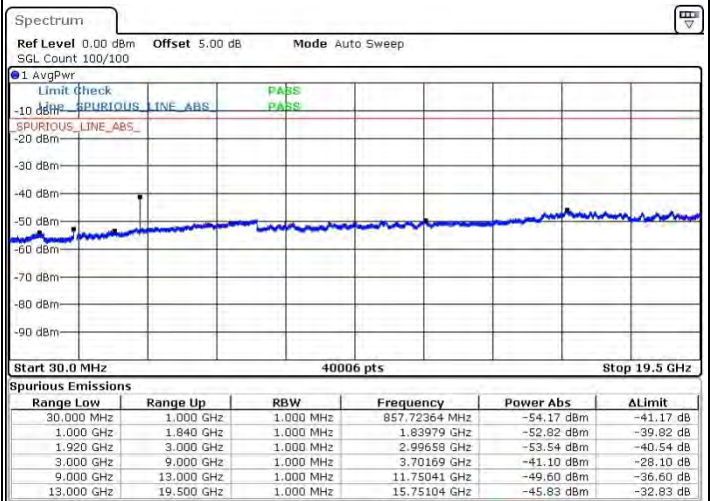
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 17.MAR.2015 10:09:35

Lowest Channel / 16QAM

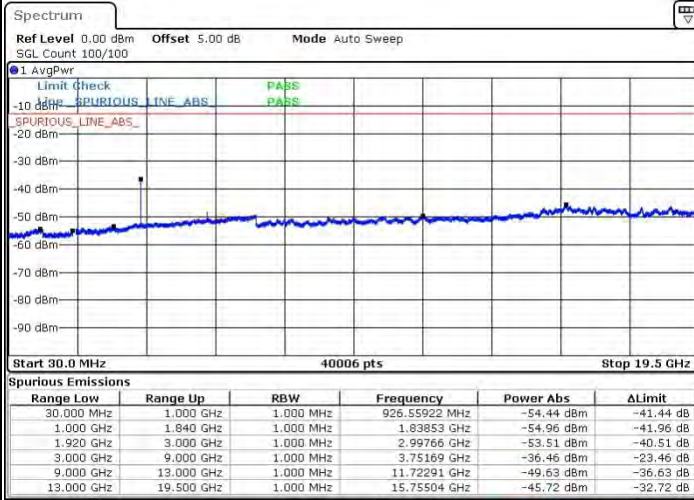


Date: 17.MAR.2015 10:10:53



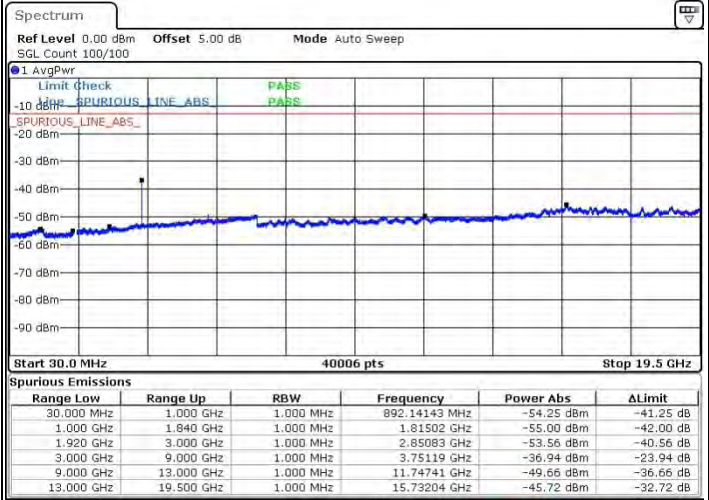
LTE Band 2 / 10MHz

Middle Channel / QPSK



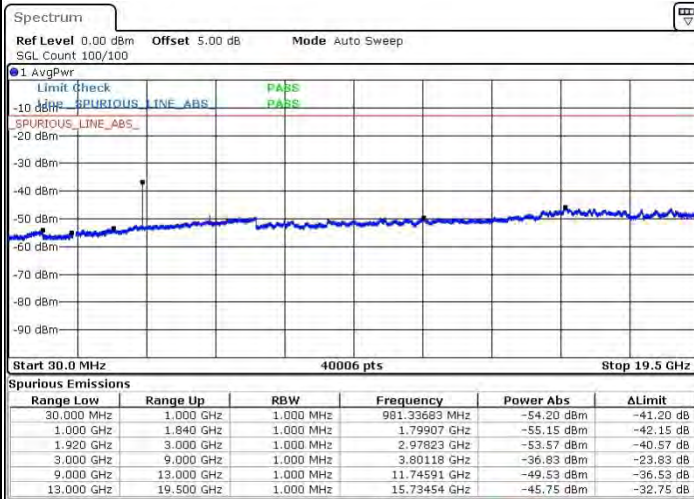
Date: 17.MAR.2015 10:12:55

Middle Channel / 16QAM



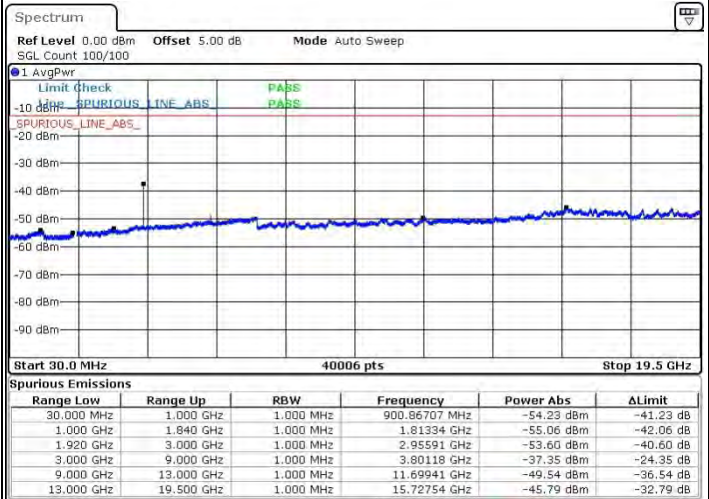
Date: 17.MAR.2015 10:14:13

Highest Channel / QPSK



Date: 17.MAR.2015 10:16:15

Highest Channel / 16QAM

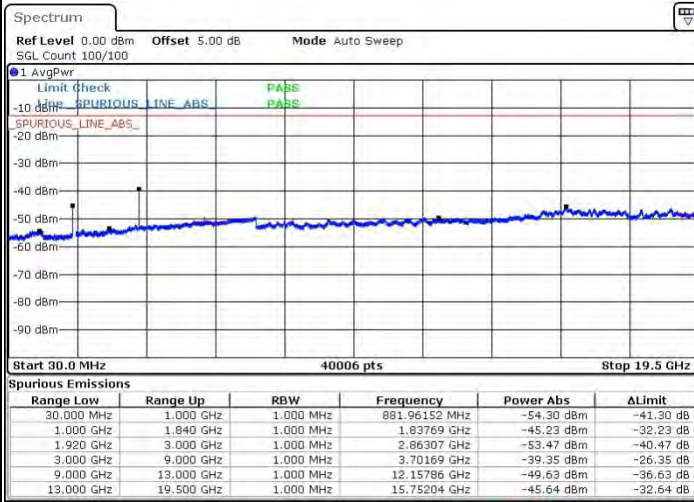


Date: 17.MAR.2015 10:17:34



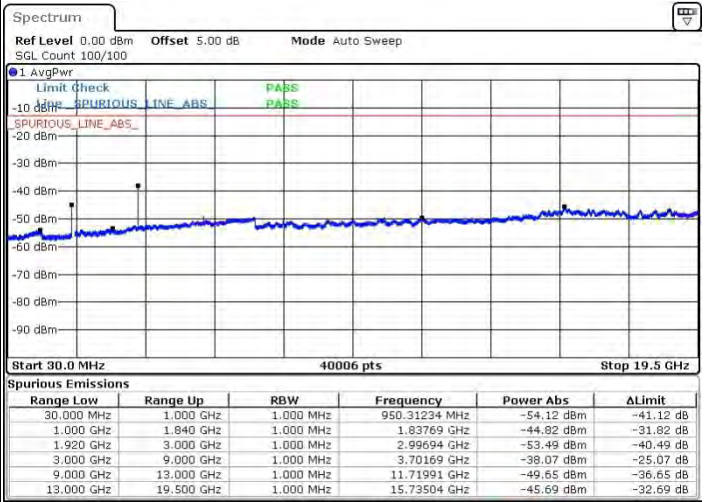
LTE Band 2 / 15MHz

Lowest Channel / QPSK



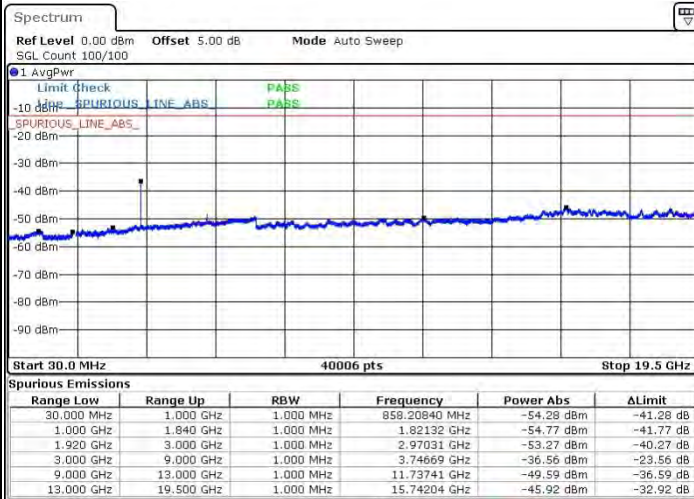
Date: 17.MAR.2015 10:19:36

Lowest Channel / 16QAM



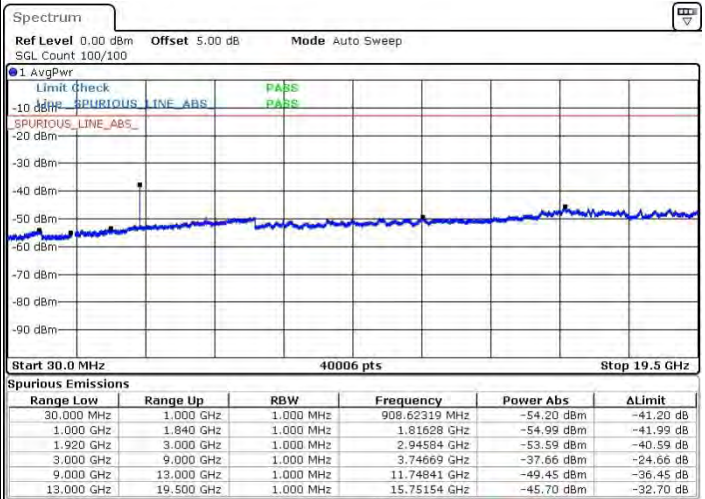
Date: 17.MAR.2015 10:20:54

Middle Channel / QPSK



Date: 17.MAR.2015 10:22:56

Middle Channel / 16QAM

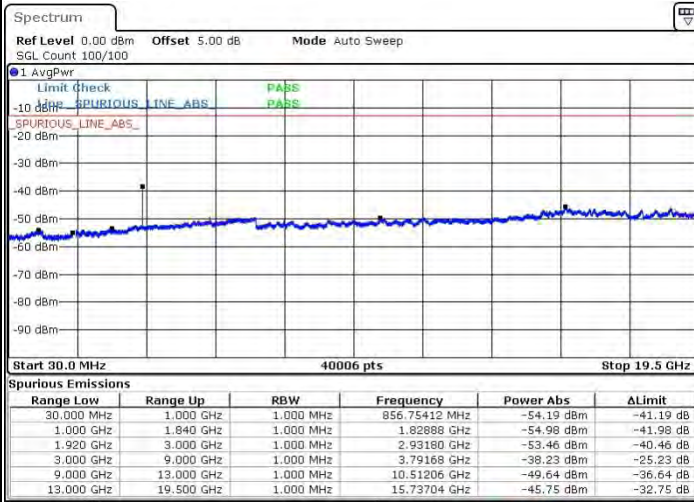


Date: 17.MAR.2015 10:24:14



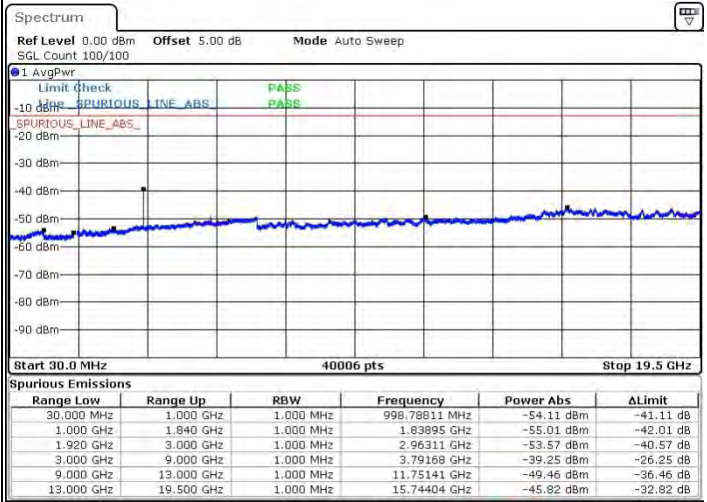
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 17.MAR.2015 10:26:16

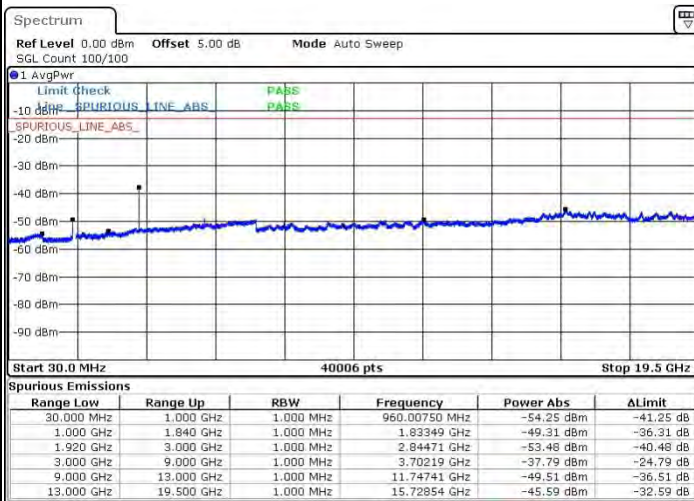
Highest Channel / 16QAM



Date: 17.MAR.2015 10:27:35

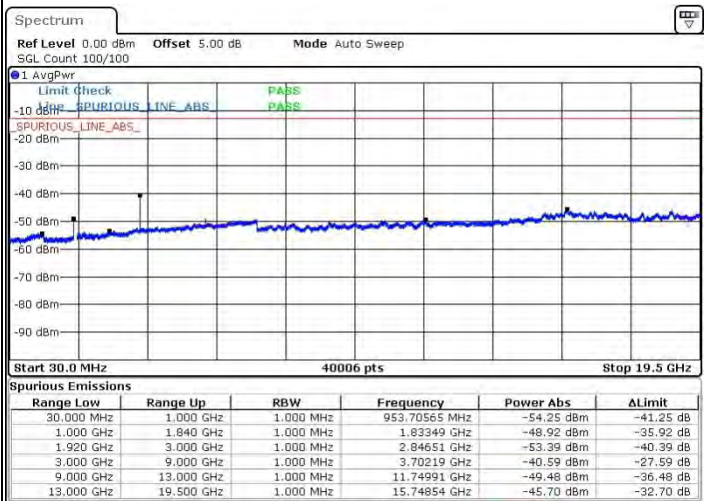
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 17.MAR.2015 10:29:37

Lowest Channel / 16QAM

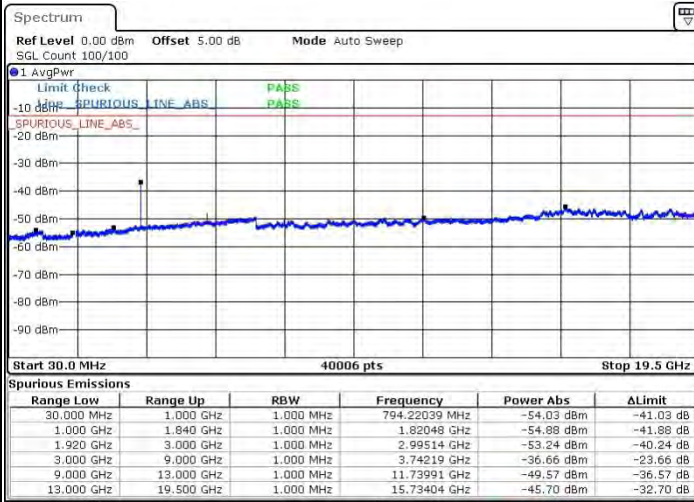


Date: 17.MAR.2015 10:30:55



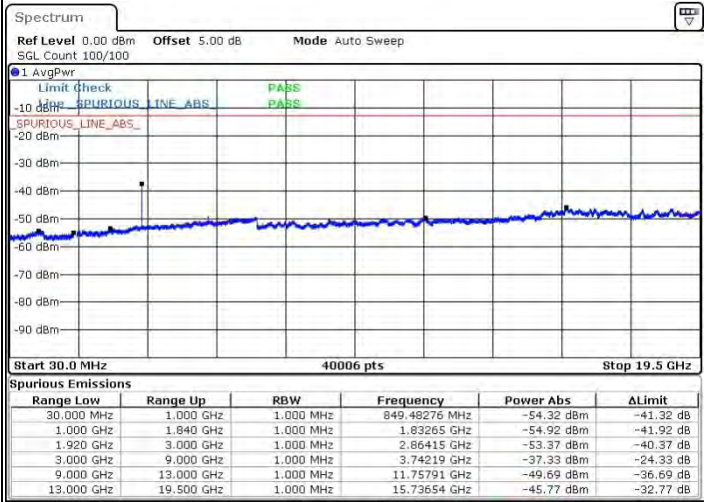
LTE Band 2 / 20MHz

Middle Channel / QPSK



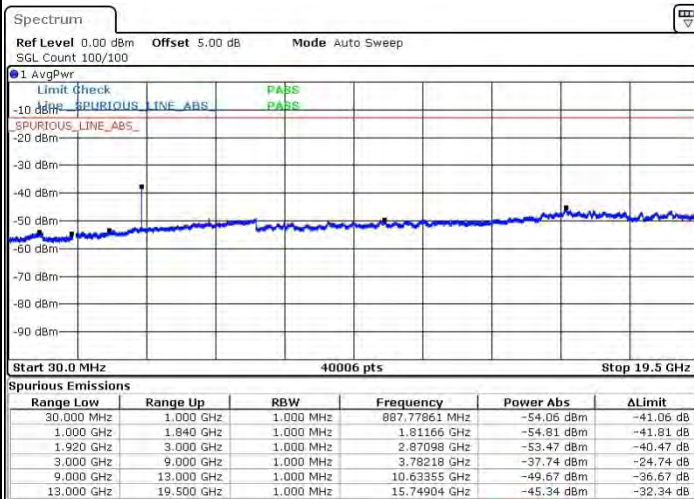
Date: 17.MAR.2015 10:32:57

Middle Channel / 16QAM



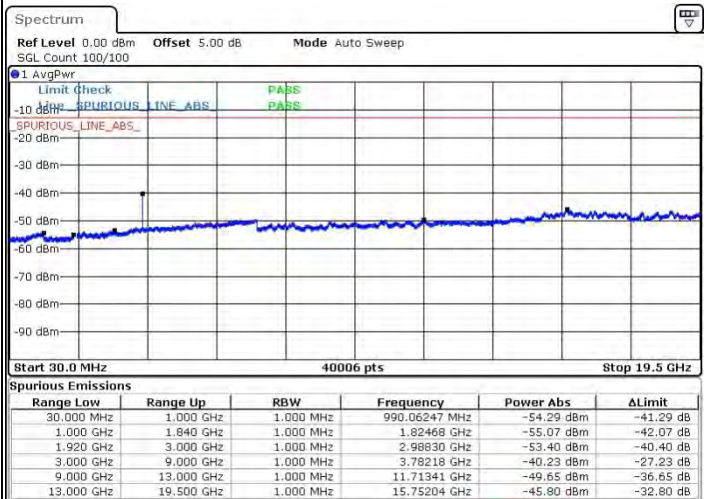
Date: 17.MAR.2015 10:34:15

Highest Channel / QPSK



Date: 17.MAR.2015 10:36:18

Highest Channel / 16QAM



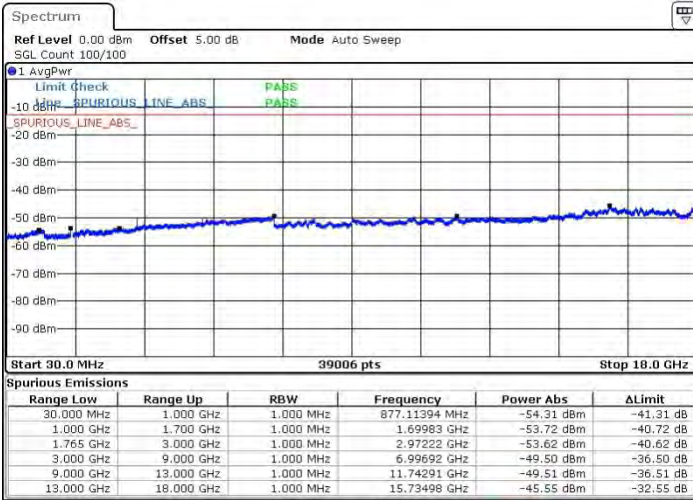
Date: 17.MAR.2015 10:37:36



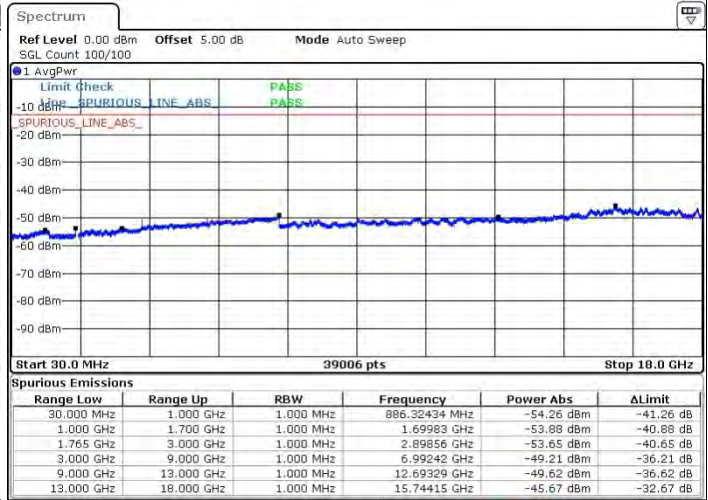
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



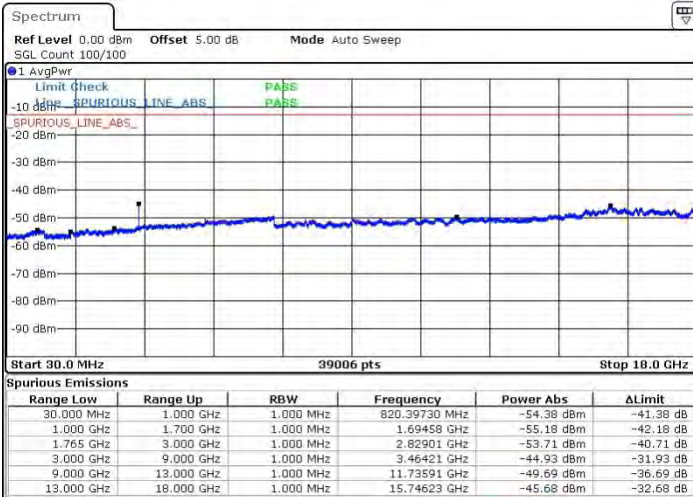
Date: 17.MAR.2015 13:26:34



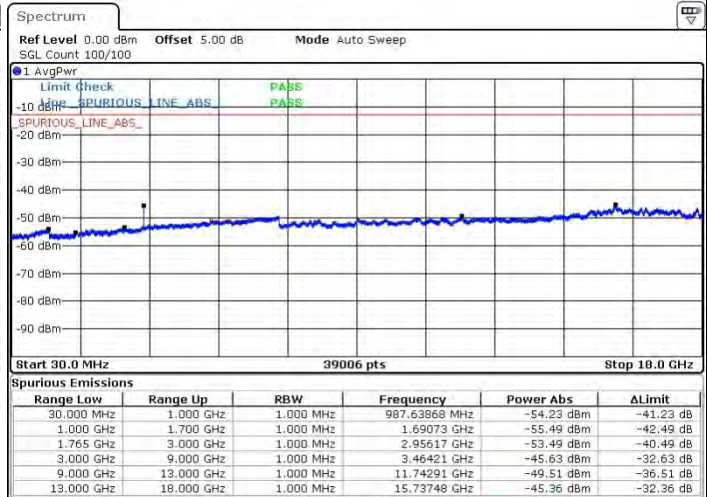
Date: 17.MAR.2015 13:27:52

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 17.MAR.2015 13:29:54



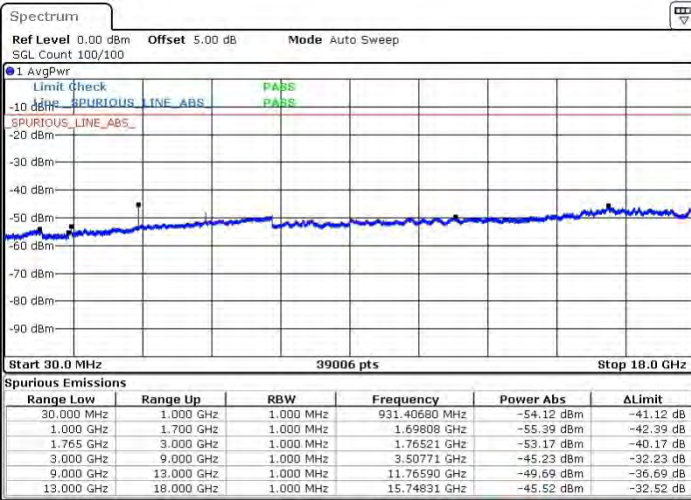
Date: 17.MAR.2015 13:31:12



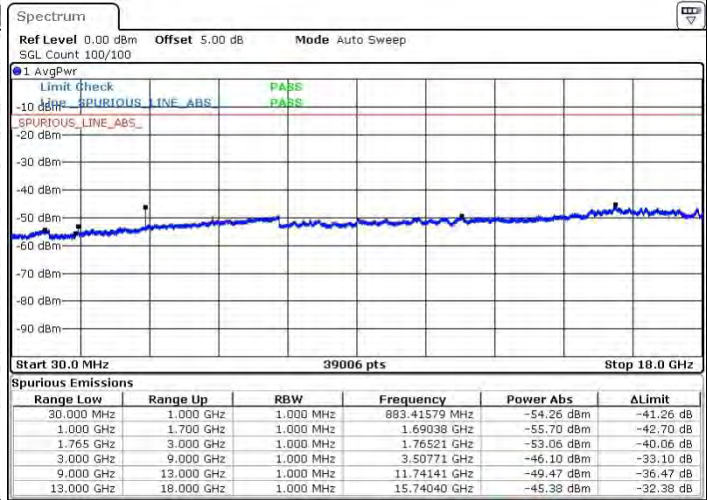
LTE Band 4 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAR.2015 13:33:14

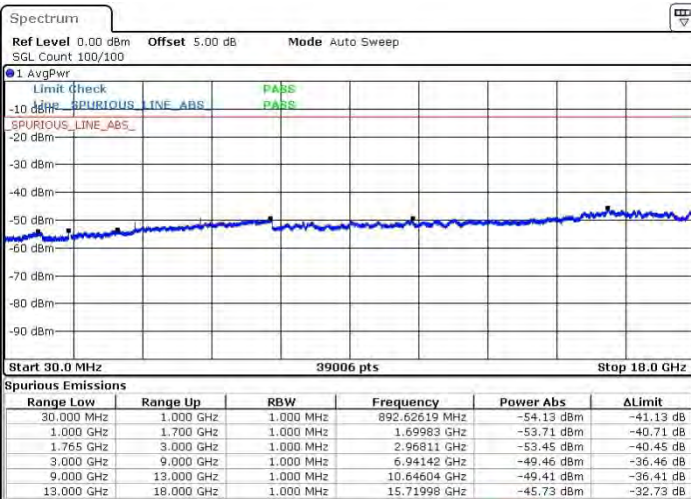


Date: 17.MAR.2015 13:34:32

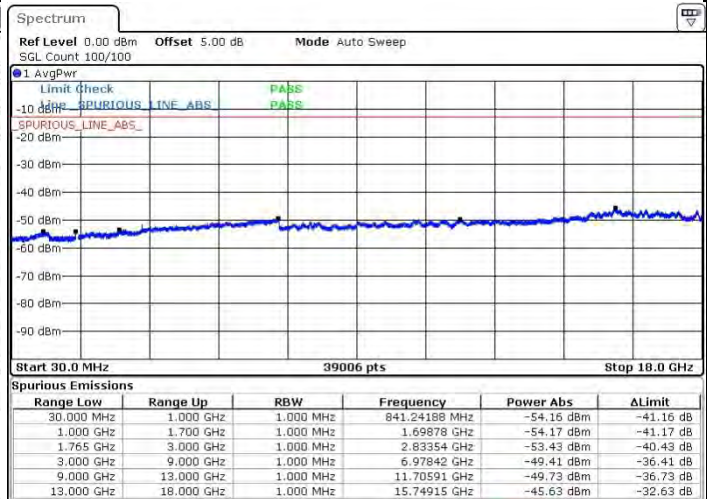
LTE Band 4 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 17.MAR.2015 13:36:34



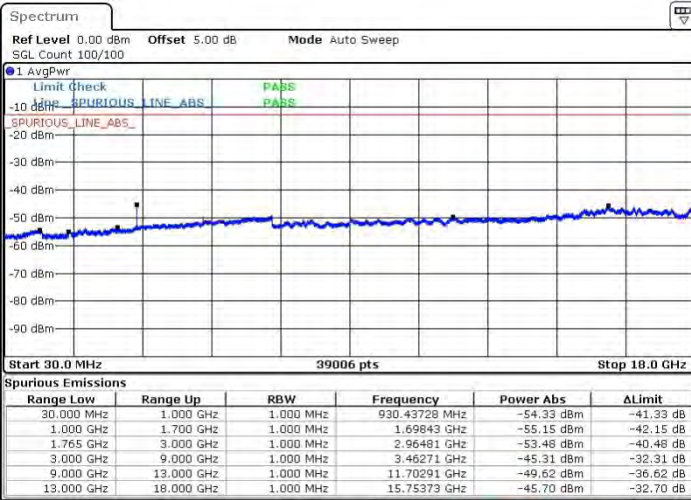
Date: 17.MAR.2015 13:37:53



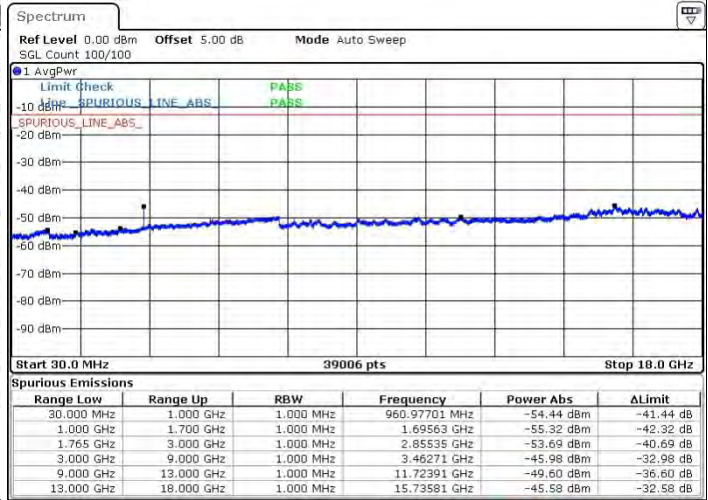
LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



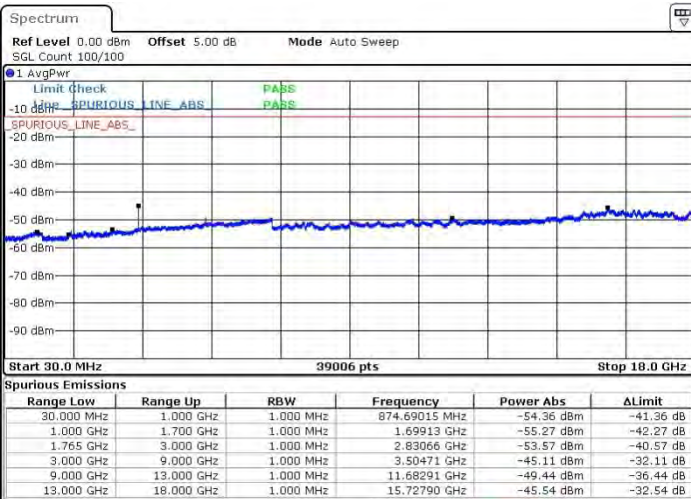
Date: 17.MAR.2015 13:39:55



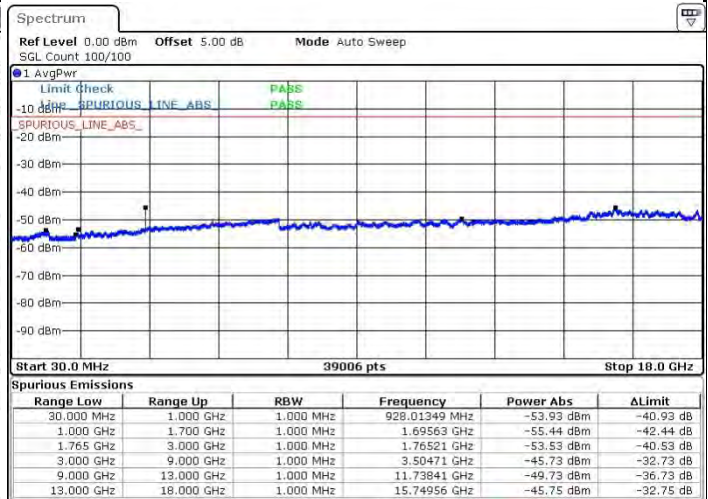
Date: 17.MAR.2015 13:41:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAR.2015 13:43:15



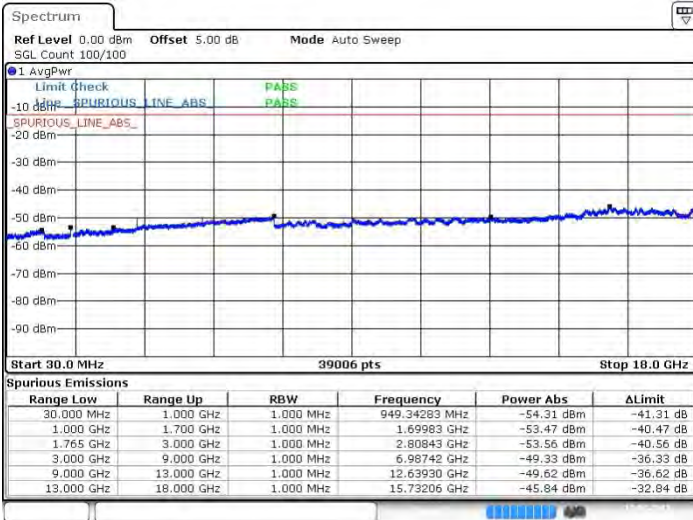
Date: 17.MAR.2015 13:44:33



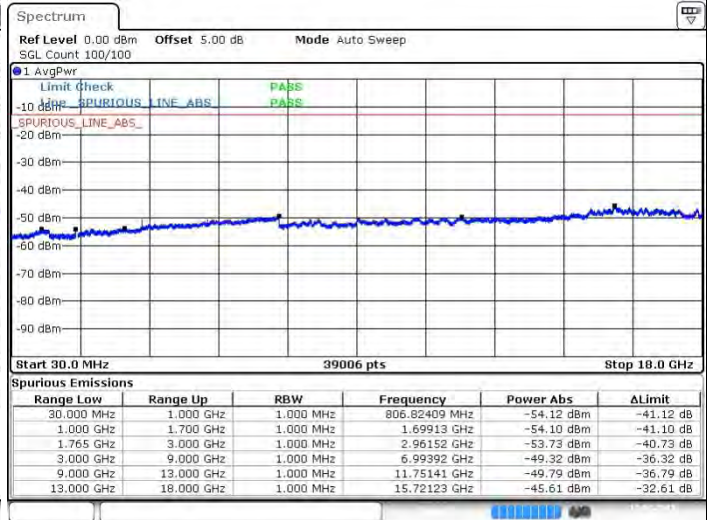
LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



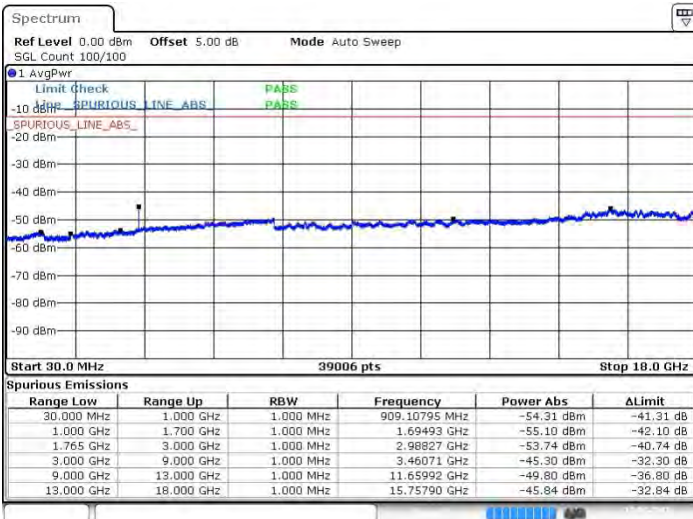
Date: 17.MAR.2015 13:46:35



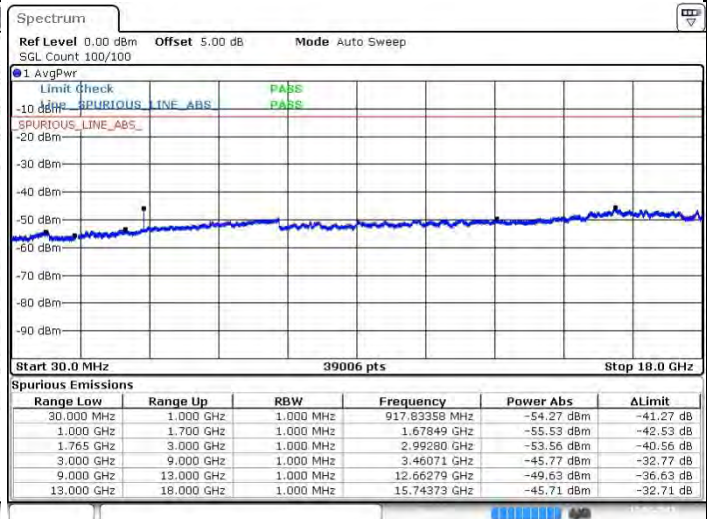
Date: 17.MAR.2015 13:47:53

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 17.MAR.2015 13:49:55



Date: 17.MAR.2015 13:51:13

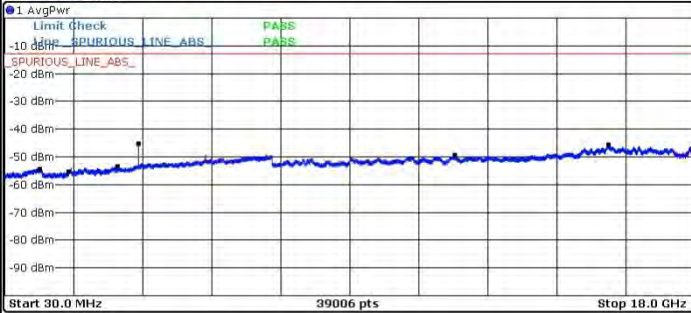


LTE Band 4 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

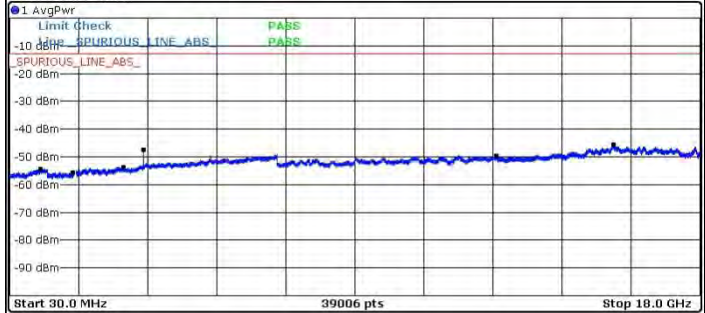
Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-54.26 dBm	-41.26 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69913 GHz	-55.24 dBm	-42.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.96769 GHz	-53.61 dBm	-40.61 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-45.33 dBm	-32.33 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.75091 GHz	-49.42 dBm	-36.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74081 GHz	-45.71 dBm	-32.71 dB

Date: 17 MAR 2015 13:53:15

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	826.69915 MHz	-54.40 dBm	-41.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67499 GHz	-55.58 dBm	-42.58 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98580 GHz	-53.62 dBm	-40.62 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.50071 GHz	-47.62 dBm	-34.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.69279 GHz	-49.60 dBm	-36.60 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74790 GHz	-45.74 dBm	-32.74 dB

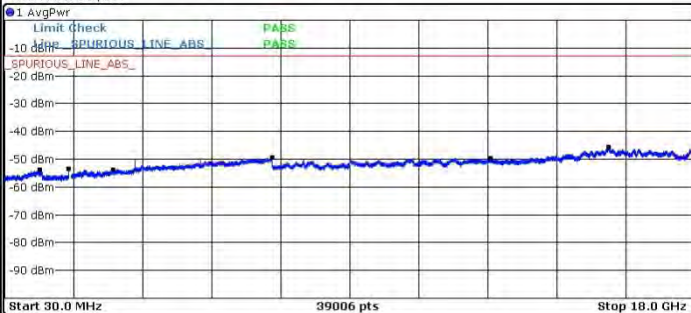
Date: 17 MAR 2015 13:54:34

LTE Band 4 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

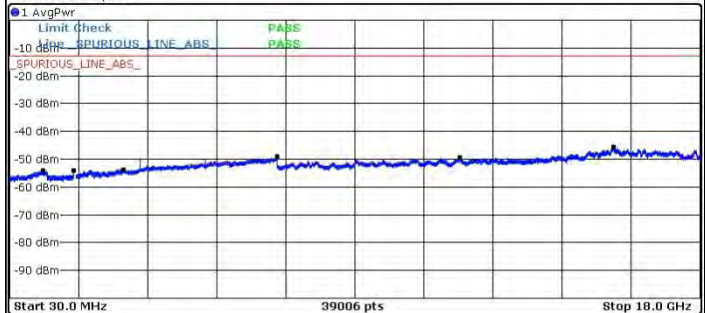
Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-53.87 dBm	-40.87 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-53.50 dBm	-40.50 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85987 GHz	-53.63 dBm	-40.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-49.44 dBm	-36.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68329 GHz	-49.55 dBm	-36.55 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74623 GHz	-45.64 dBm	-32.64 dB

Date: 17 MAR 2015 13:56:35

Spectrum

Ref Level 0.00 dBm Offset 5.00 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.92804 MHz	-54.10 dBm	-41.10 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-54.01 dBm	-41.01 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97923 GHz	-53.64 dBm	-40.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-49.04 dBm	-36.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.74991 GHz	-49.49 dBm	-36.49 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.74540 GHz	-45.70 dBm	-32.70 dB

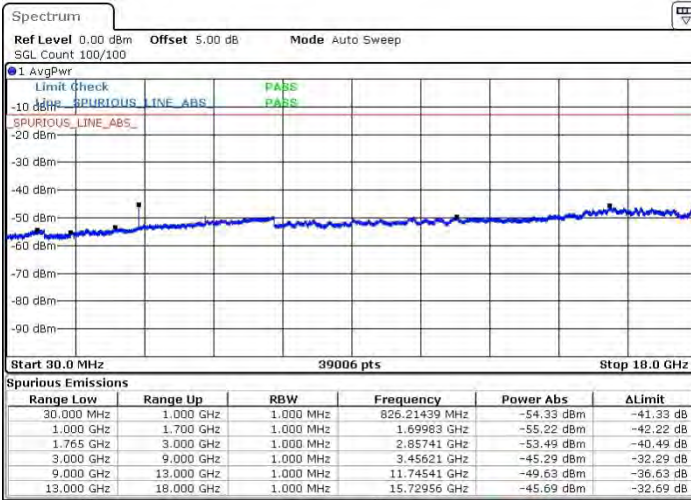
Date: 17 MAR 2015 13:57:54



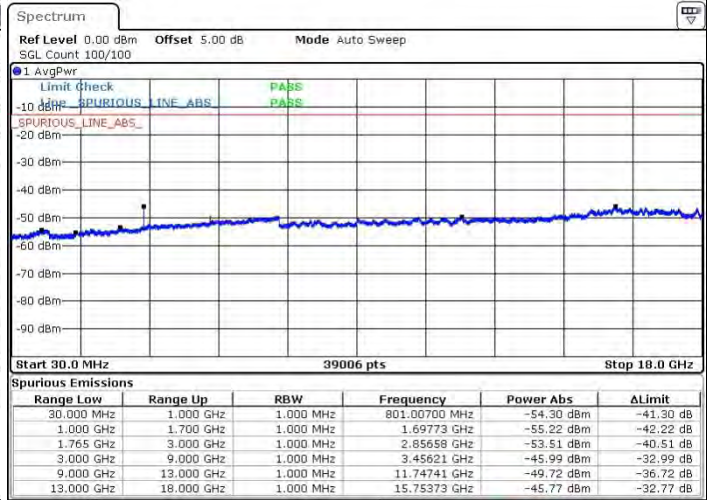
LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



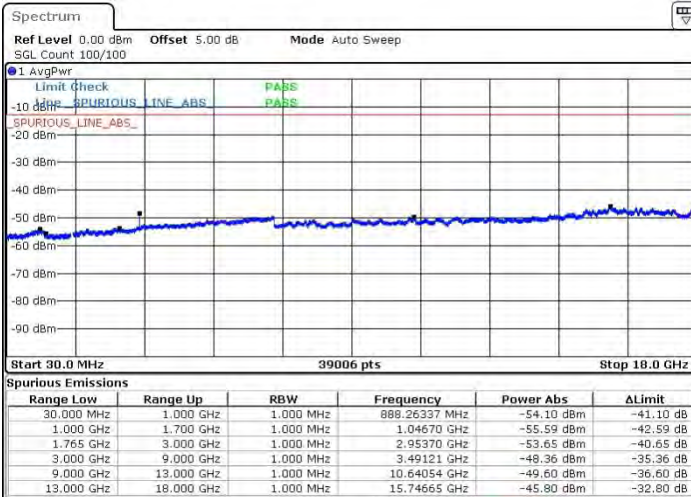
Date: 17.MAR.2015 13:59:56



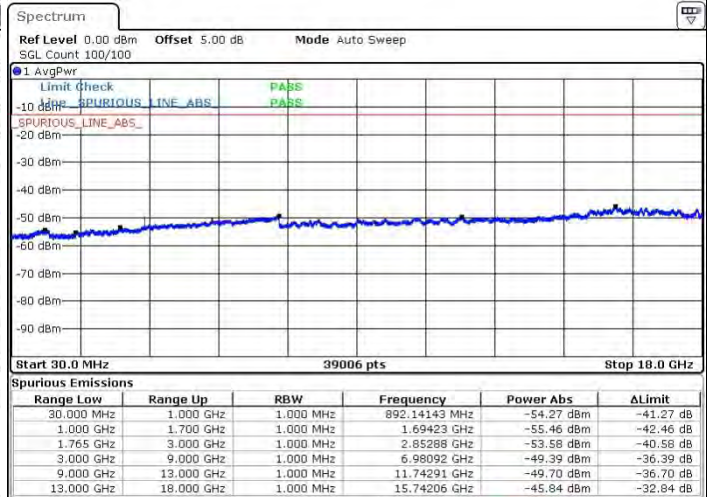
Date: 17.MAR.2015 14:01:14

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAR.2015 14:03:16



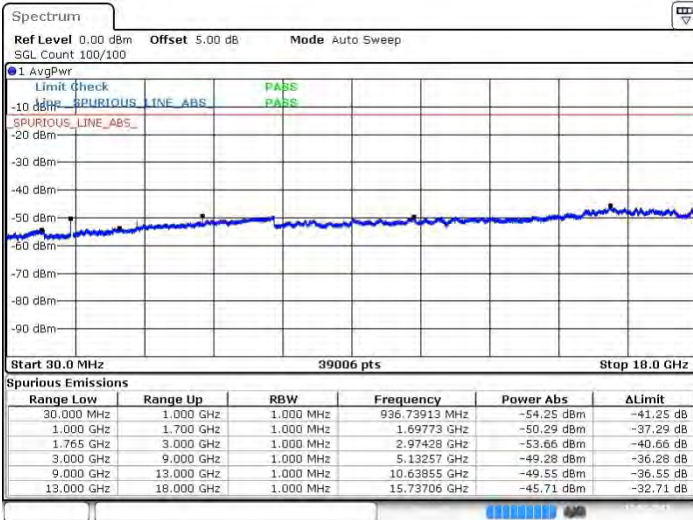
Date: 17.MAR.2015 14:04:34



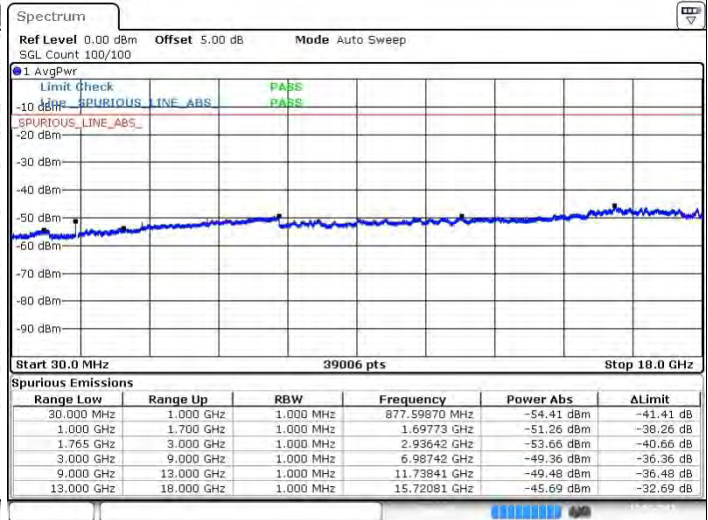
LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



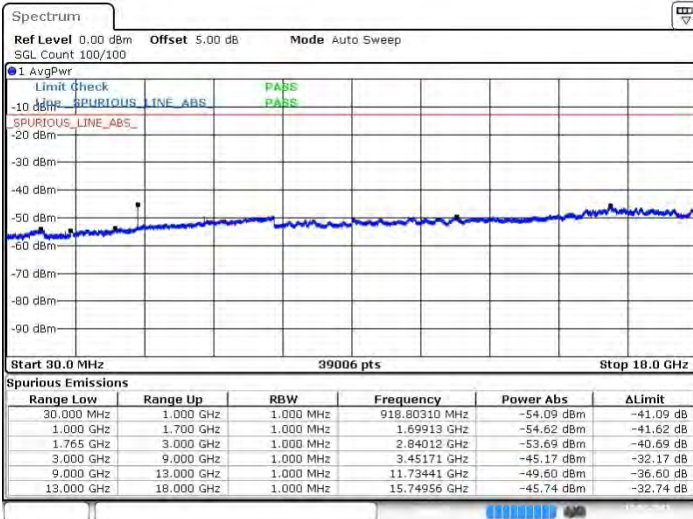
Date: 17.MAR.2015 14:06:36



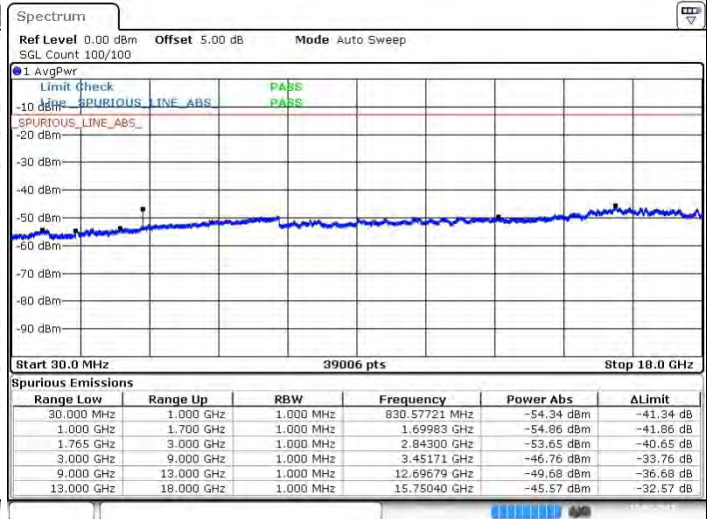
Date: 17.MAR.2015 14:07:55

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 17.MAR.2015 14:09:56



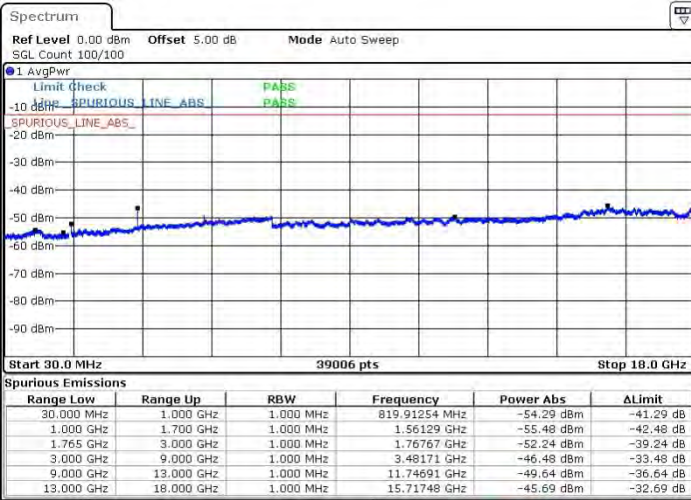
Date: 17.MAR.2015 14:11:15



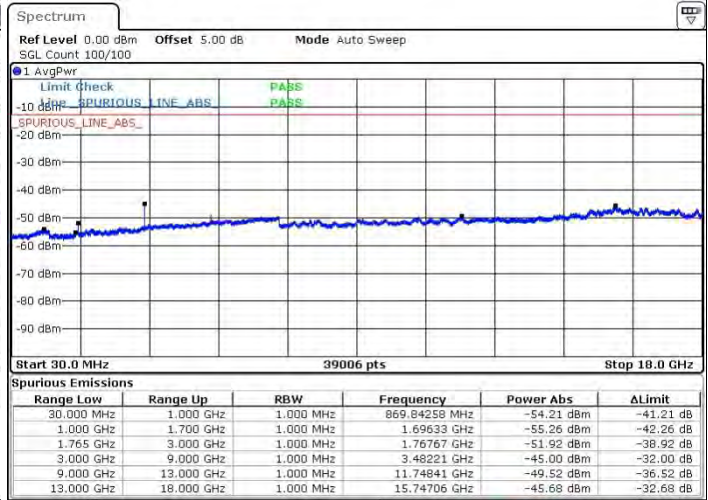
LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAR.2015 14:13:17

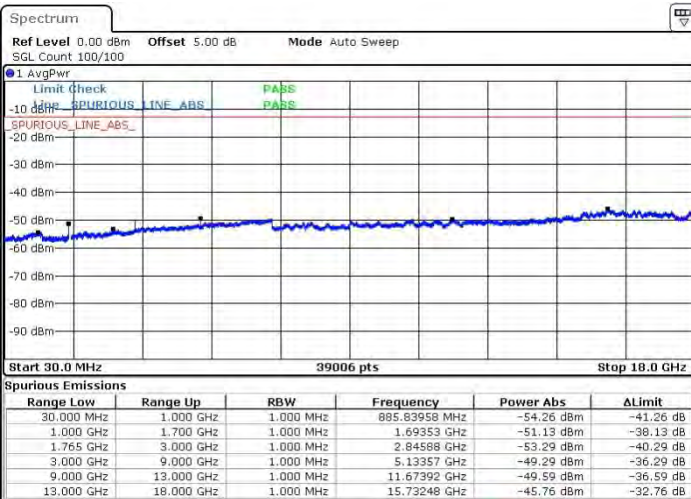


Date: 17.MAR.2015 14:14:35

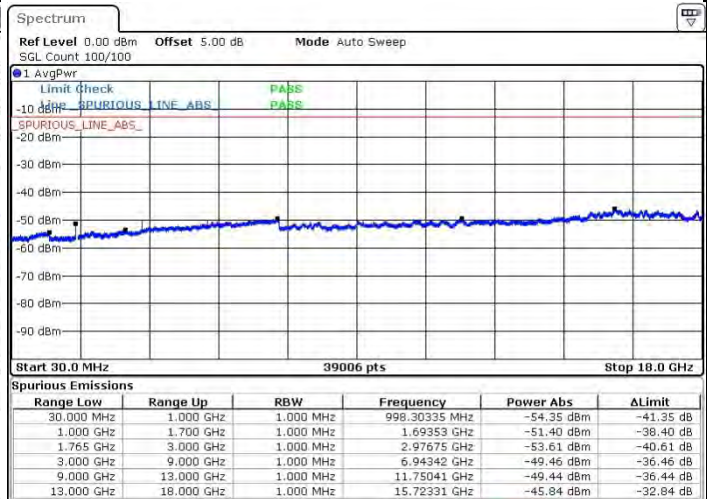
LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 17.MAR.2015 14:16:37



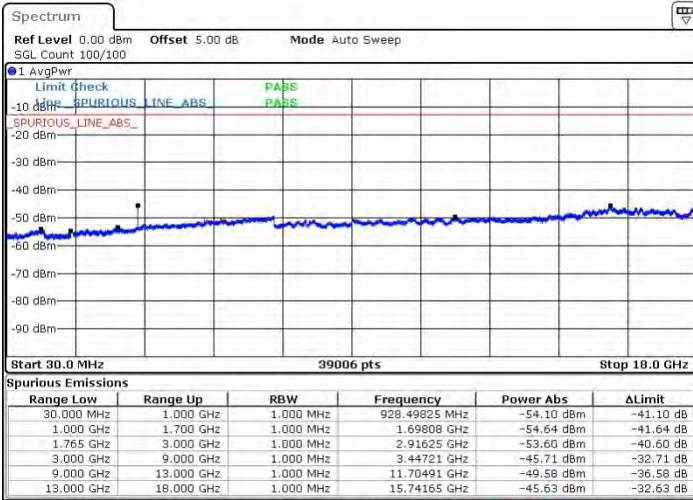
Date: 17.MAR.2015 14:17:55



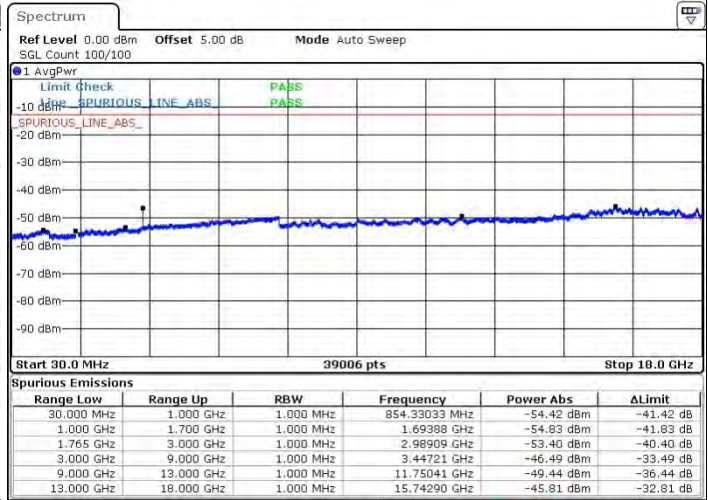
LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



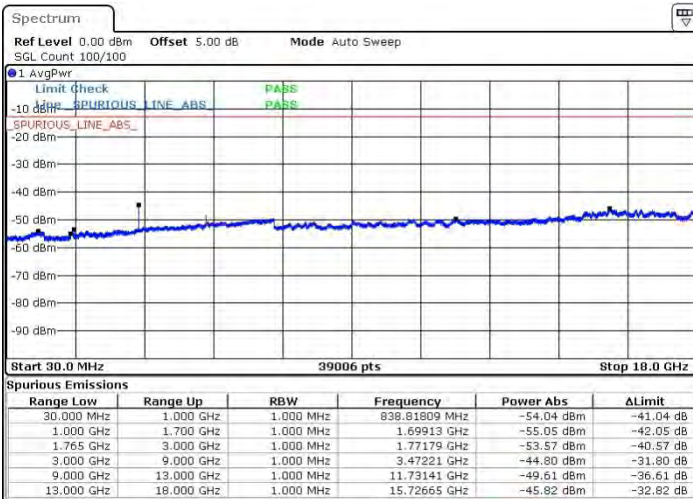
Date: 17.MAR.2015 14:19:57



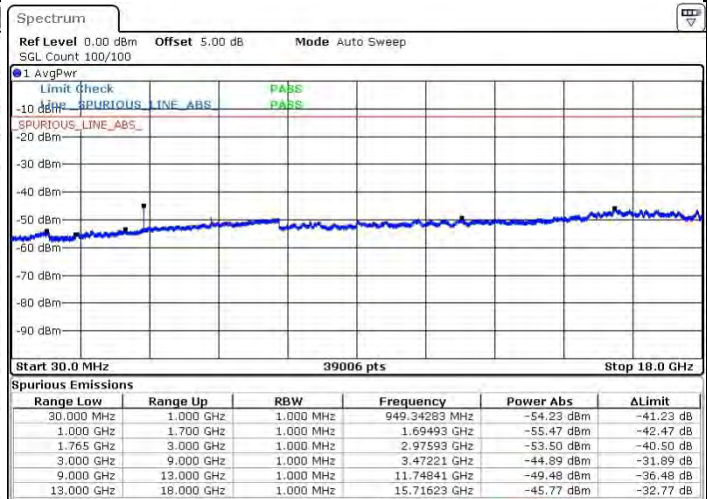
Date: 17.MAR.2015 14:21:16

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAR.2015 14:23:18



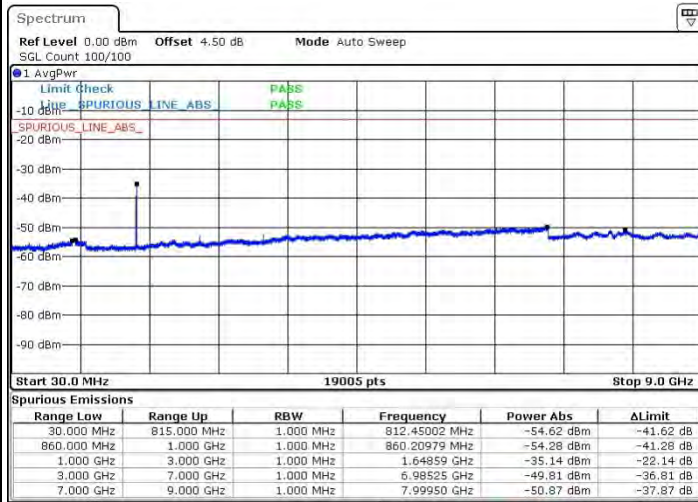
Date: 17.MAR.2015 14:24:36



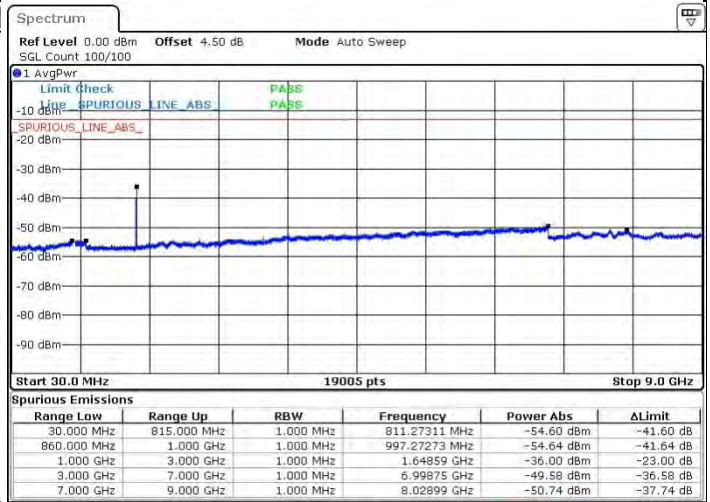
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



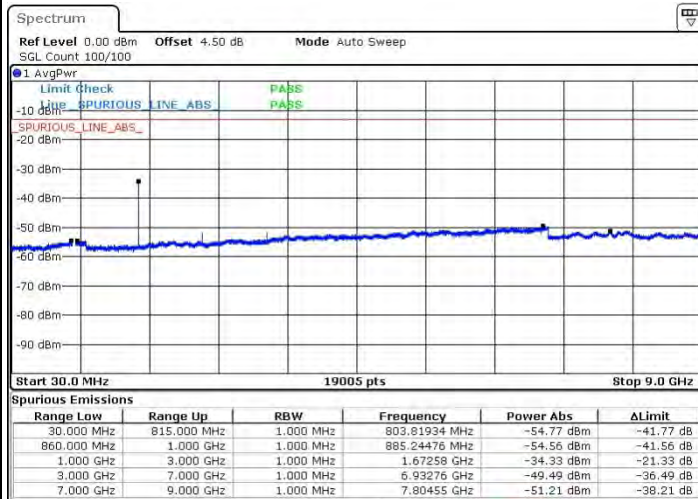
Date: 18 MAR 2015 01:31:57



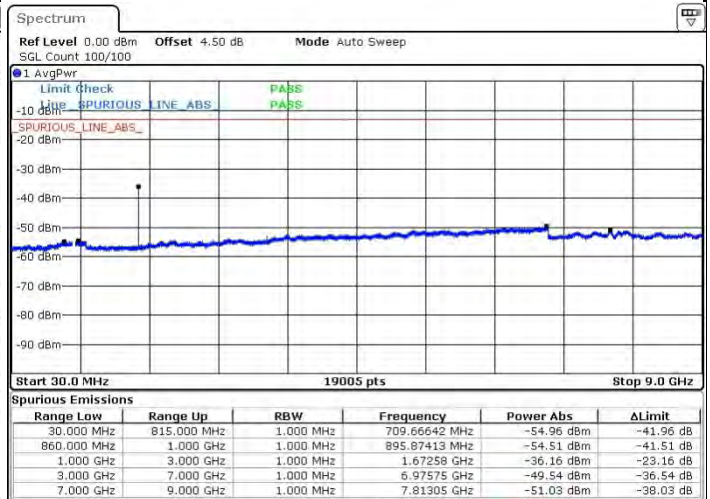
Date: 18 MAR 2015 01:33:15

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18 MAR 2015 01:35:16



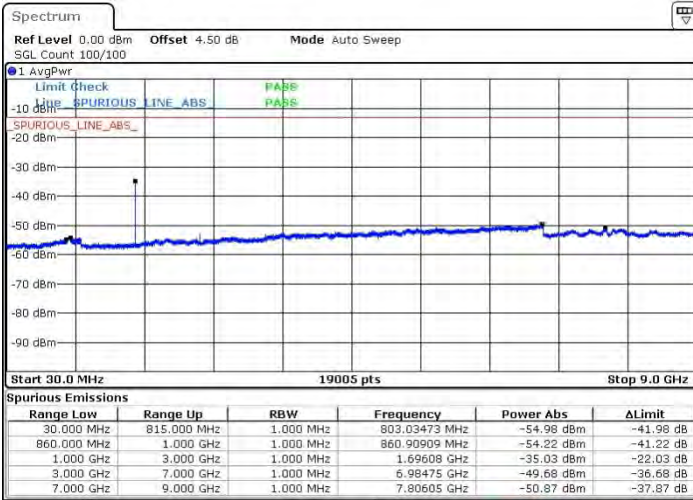
Date: 18 MAR 2015 01:36:34



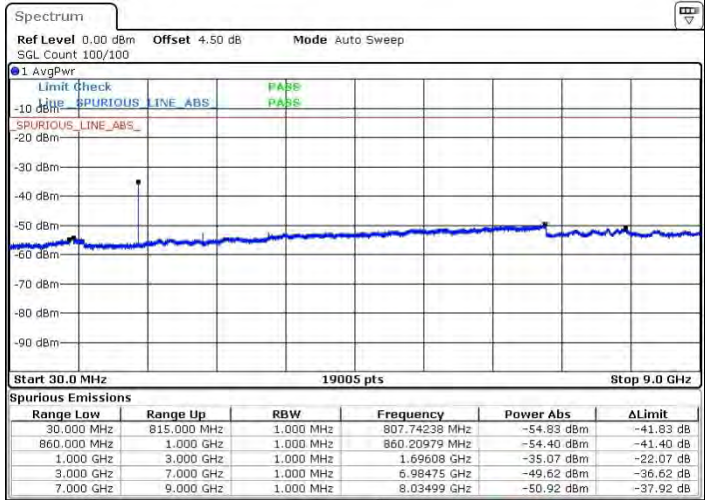
LTE Band 5 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 MAR 2015 01:38:36

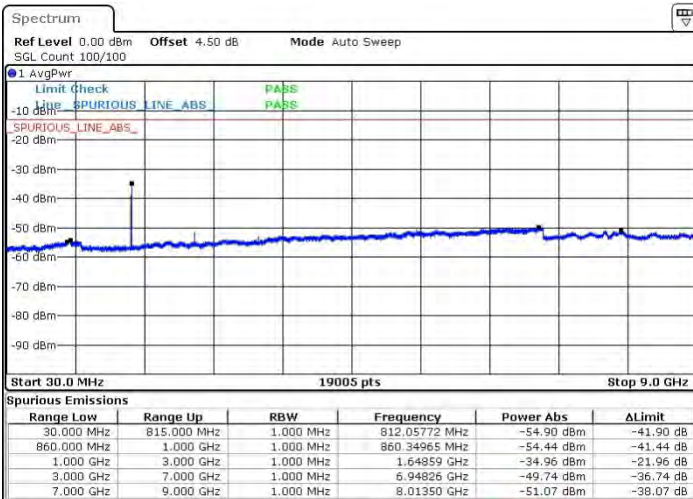


Date: 18 MAR 2015 01:39:54

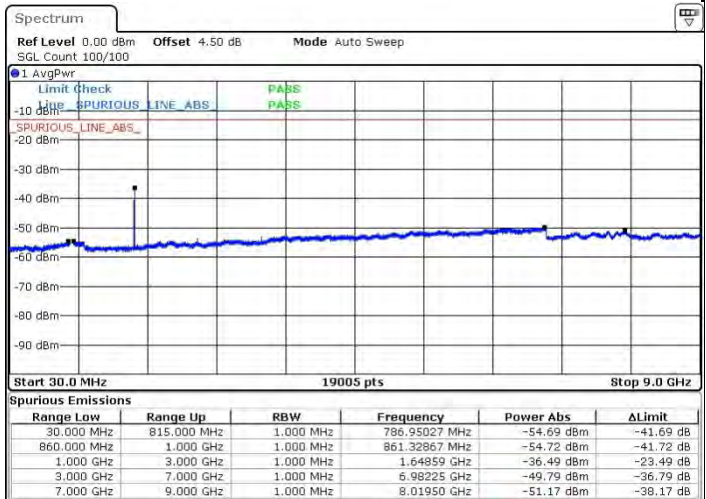
LTE Band 5 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18 MAR 2015 01:41:55

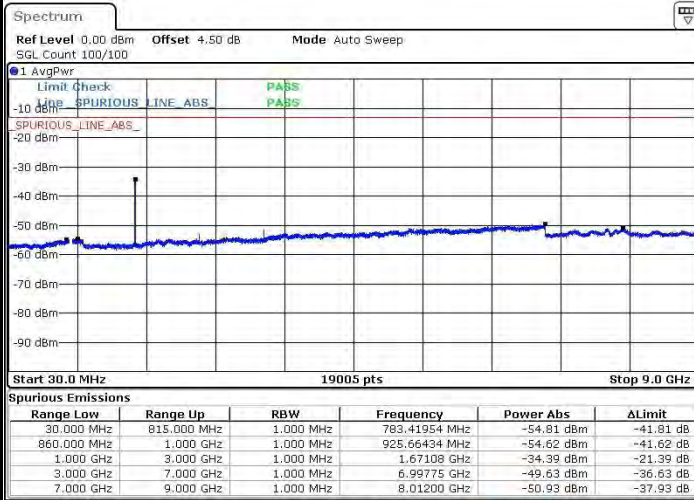


Date: 18 MAR 2015 01:43:13

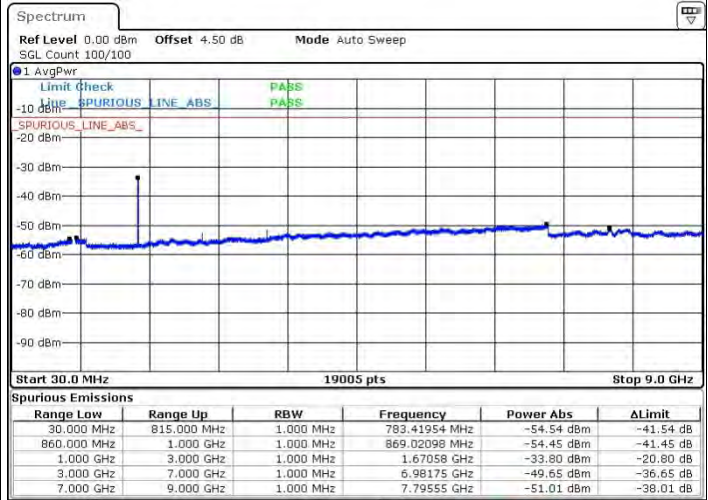


LTE Band 5 / 3MHz

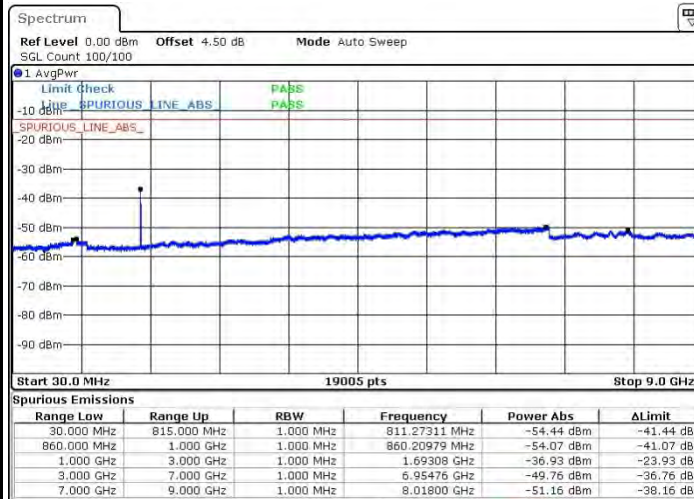
Middle Channel / QPSK



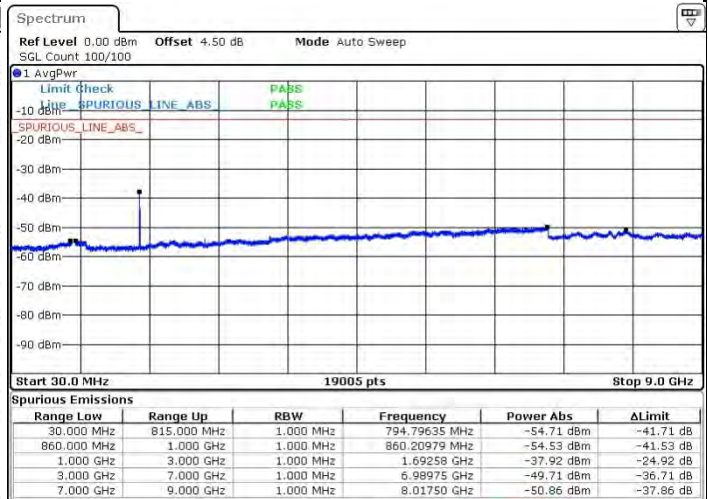
Middle Channel / 16QAM



Highest Channel / QPSK



Highest Channel / 16QAM

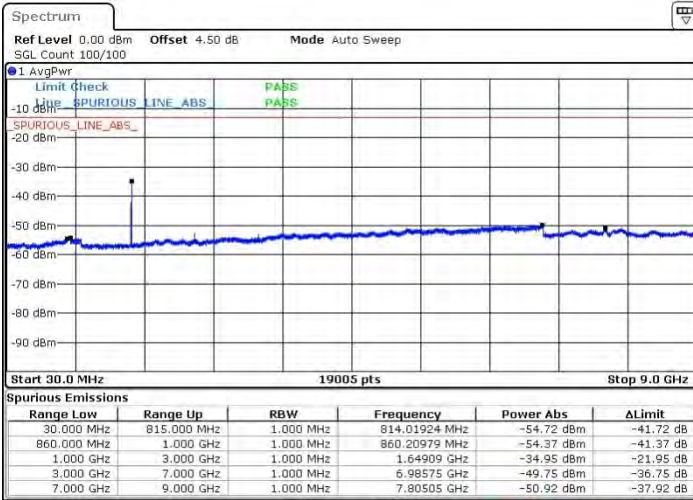




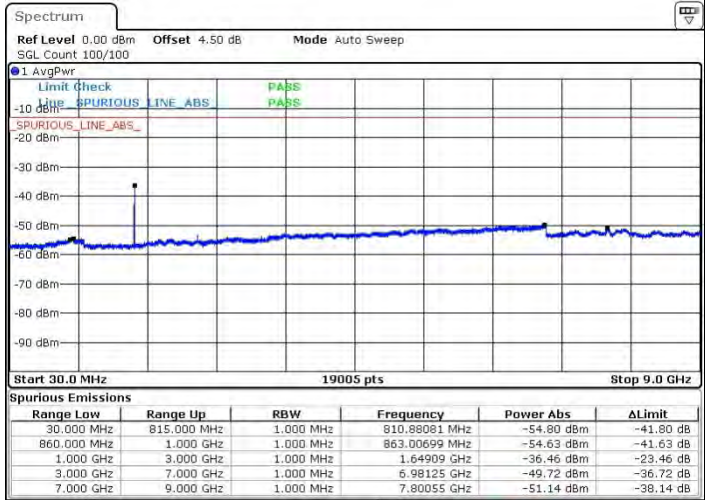
LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



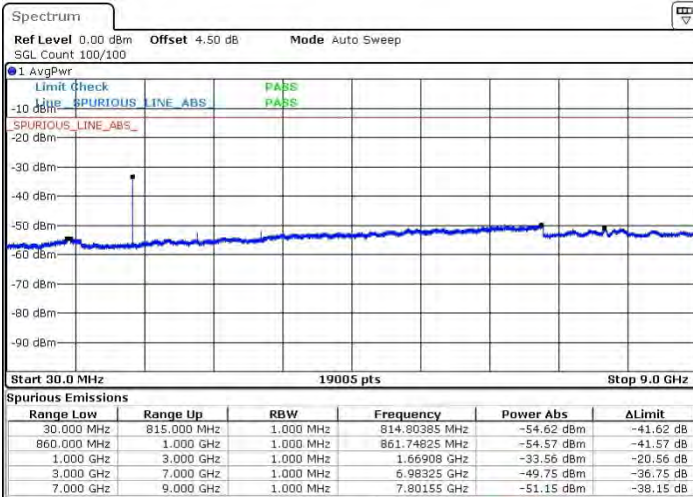
Date: 18 MAR 2015 01:51:57



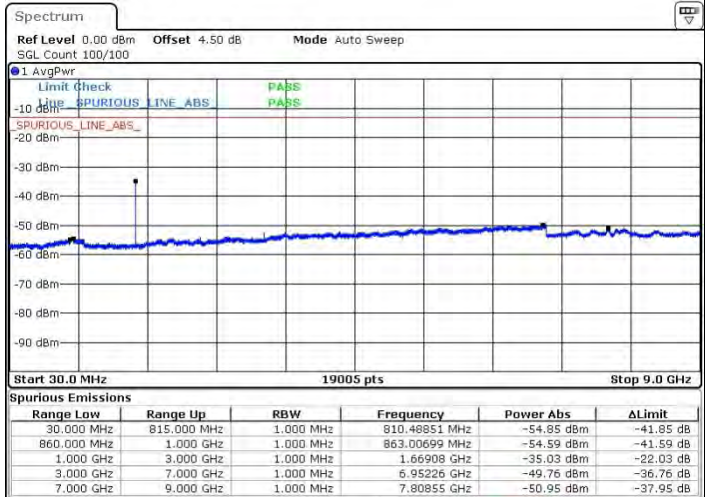
Date: 18 MAR 2015 01:53:15

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18 MAR 2015 01:55:17



Date: 18 MAR 2015 01:56:34

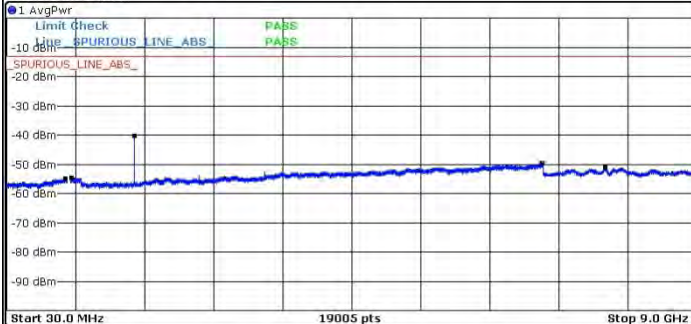


LTE Band 5 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

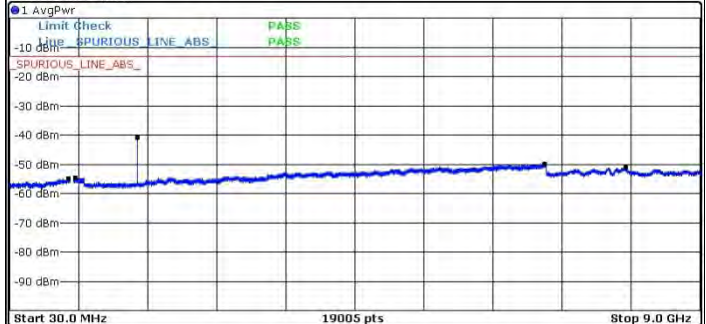
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	1.000 MHz	792.83483 MHz	-54.90 dBm	-41.90 dB
860.000 MHz	1.000 GHz	1.000 MHz	875.17483 MHz	-54.61 dBm	-41.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-40.22 dBm	-27.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-49.60 dBm	-36.60 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80605 GHz	-51.13 dBm	-38.13 dB

Date: 18 MAR 2015 01:58:36

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	1.000 MHz	789.30410 MHz	-55.03 dBm	-42.03 dB
860.000 MHz	1.000 GHz	1.000 MHz	880.76923 MHz	-54.62 dBm	-41.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-40.84 dBm	-27.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97825 GHz	-49.86 dBm	-36.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.03649 GHz	-51.15 dBm	-38.15 dB

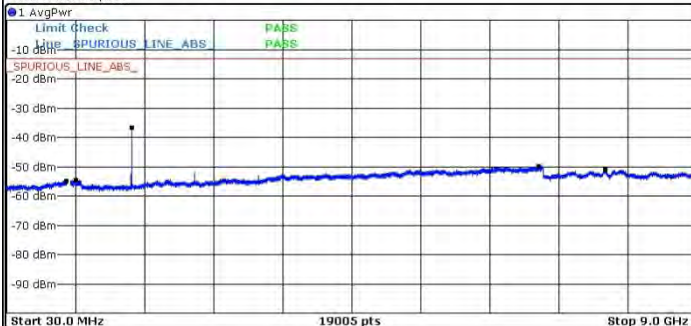
Date: 18 MAR 2015 01:59:54

LTE Band 5 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

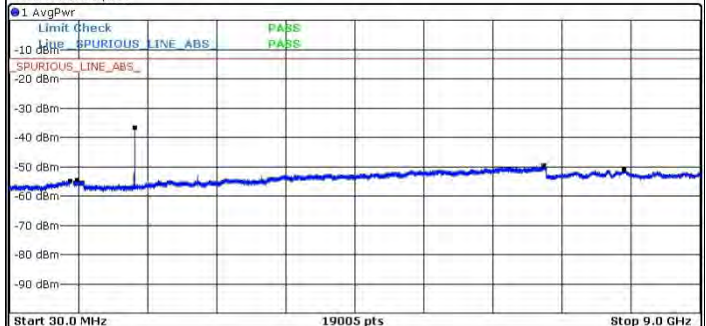
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	1.000 MHz	803.81934 MHz	-54.93 dBm	-41.93 dB
860.000 MHz	1.000 GHz	1.000 MHz	923.70629 MHz	-54.65 dBm	-41.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-36.59 dBm	-23.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94026 GHz	-49.85 dBm	-36.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80405 GHz	-51.18 dBm	-38.18 dB

Date: 18 MAR 2015 02:01:55

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SGL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	1.000 MHz	814.80385 MHz	-54.78 dBm	-41.78 dB
860.000 MHz	1.000 GHz	1.000 MHz	908.60140 MHz	-54.70 dBm	-41.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-36.86 dBm	-23.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96825 GHz	-49.58 dBm	-36.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01150 GHz	-51.03 dBm	-38.03 dB

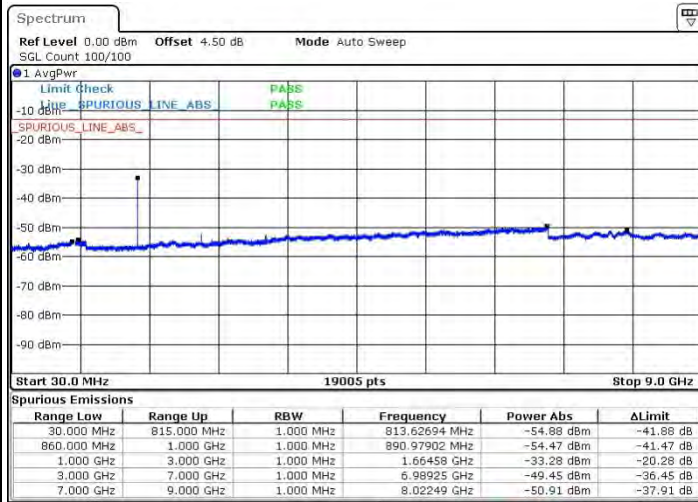
Date: 18 MAR 2015 02:03:13



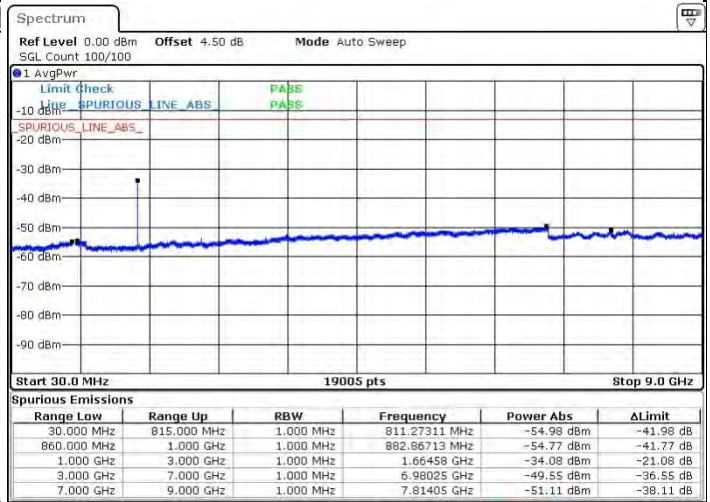
LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



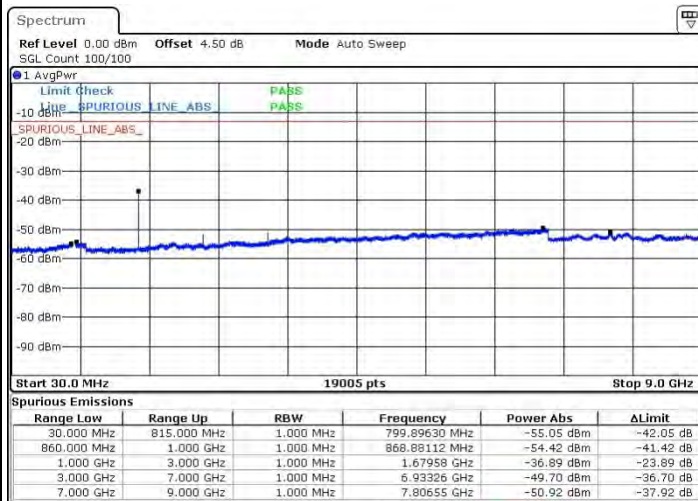
Date: 18 MAR 2015 02:05:15



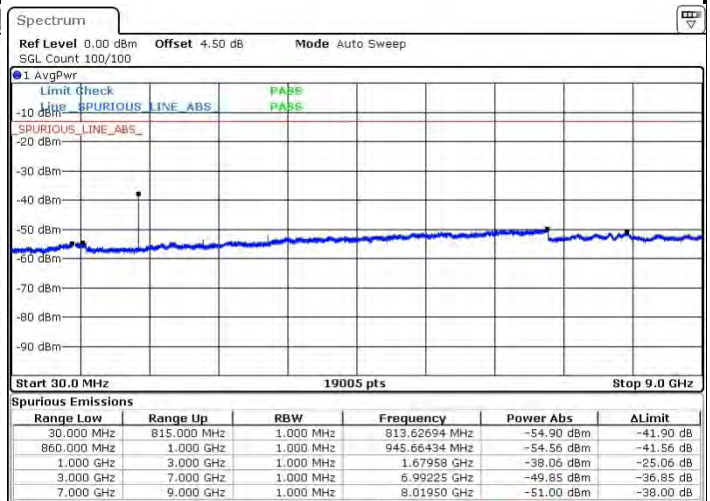
Date: 18 MAR 2015 02:06:33

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 MAR 2015 02:08:34



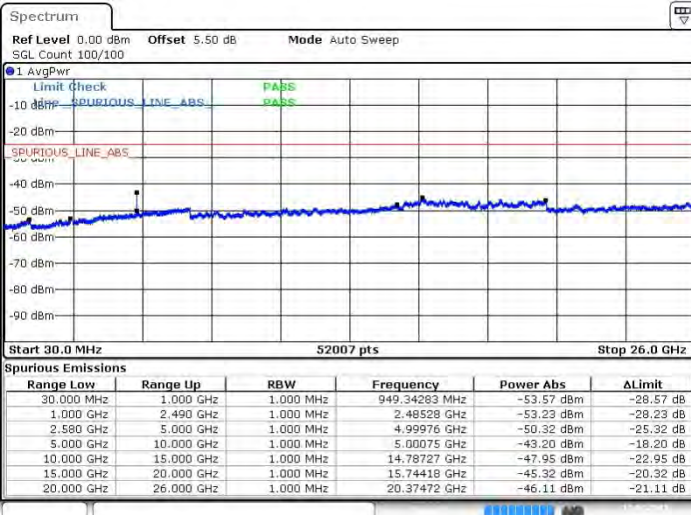
Date: 18 MAR 2015 02:09:52



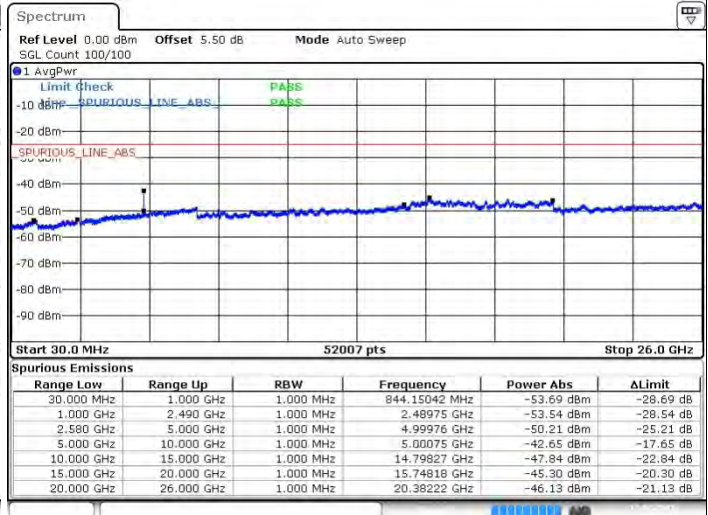
LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



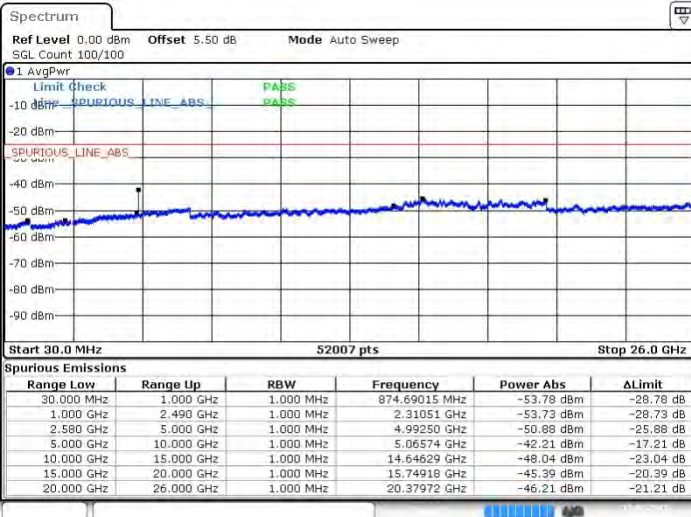
Date: 17.MAR.2015 17:30:35



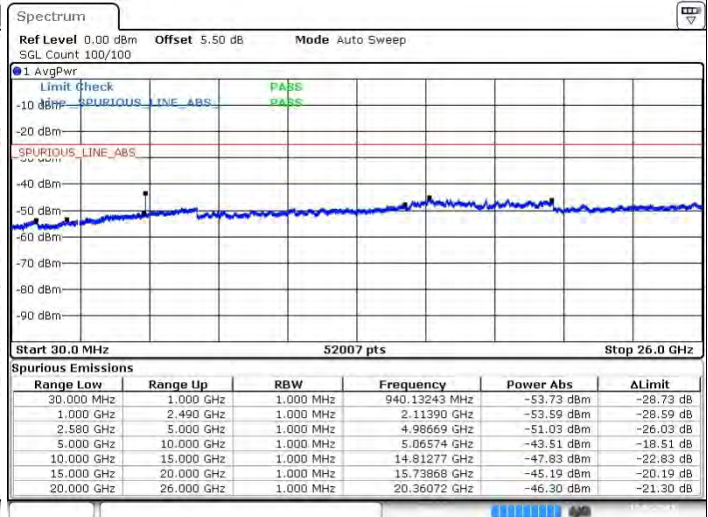
Date: 17.MAR.2015 17:31:53

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 17.MAR.2015 17:34:02



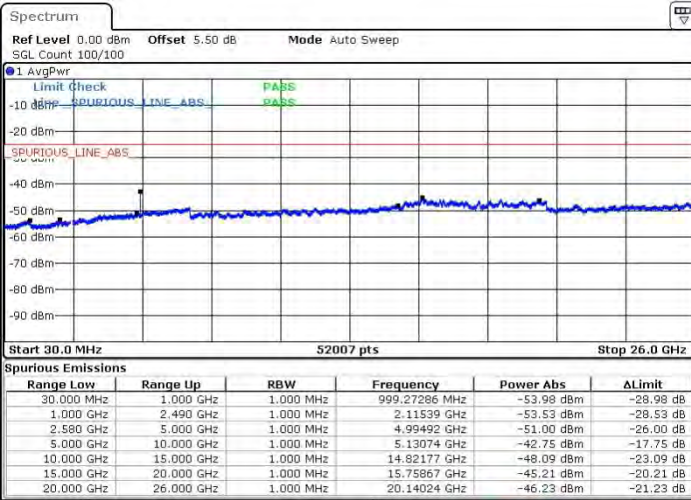
Date: 17.MAR.2015 17:35:26



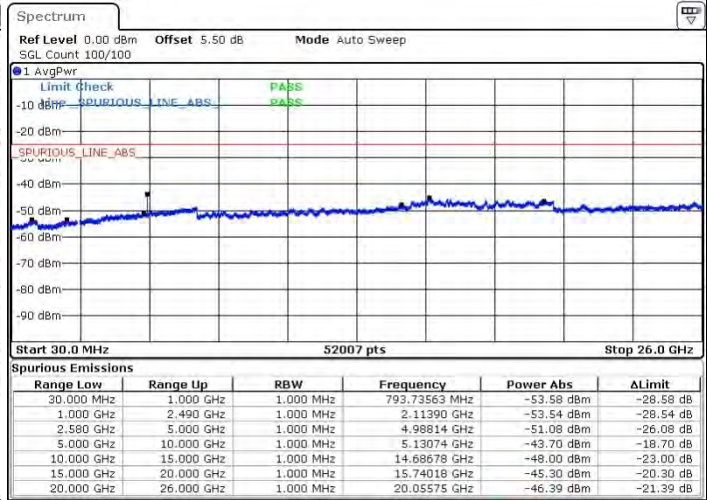
LTE Band 7 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17 MAR 2015 17:37:28

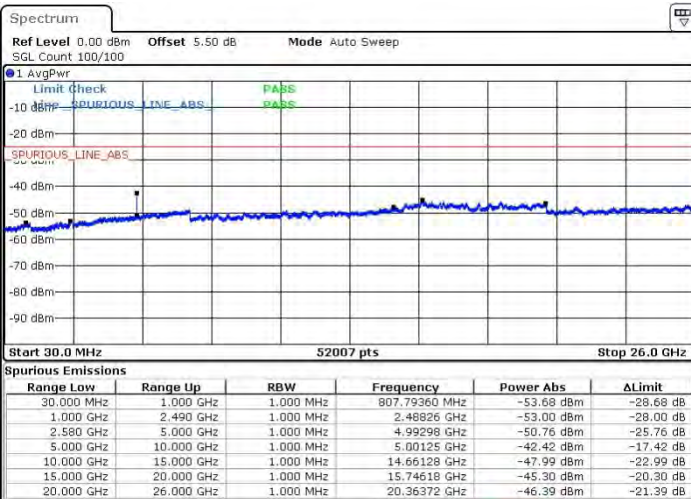


Date: 17 MAR 2015 17:38:46

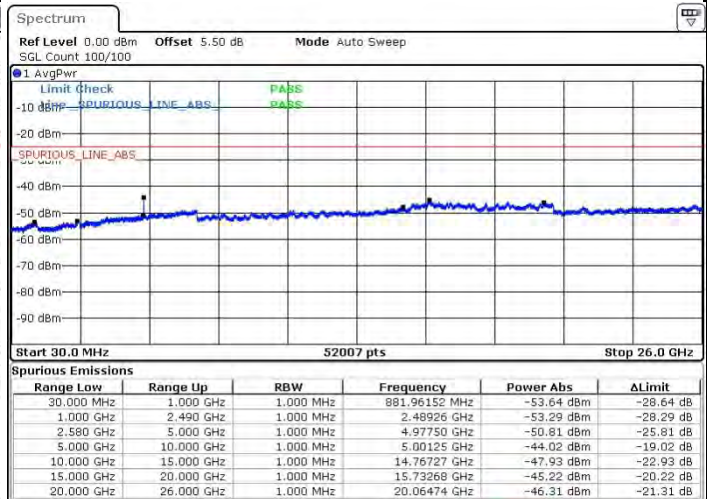
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 17 MAR 2015 17:40:45



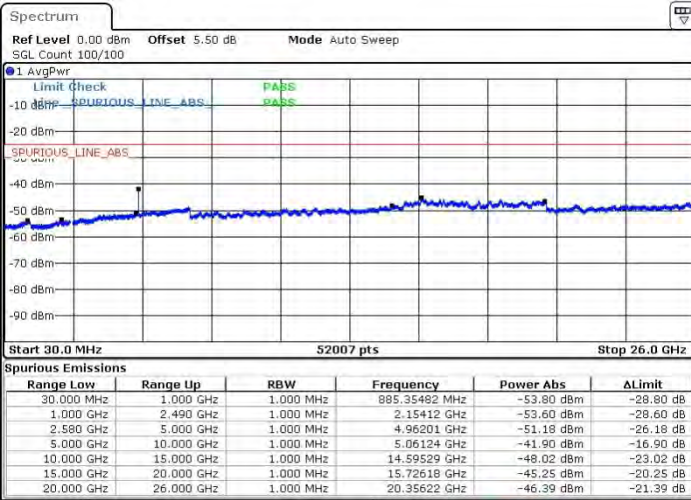
Date: 17 MAR 2015 17:42:07



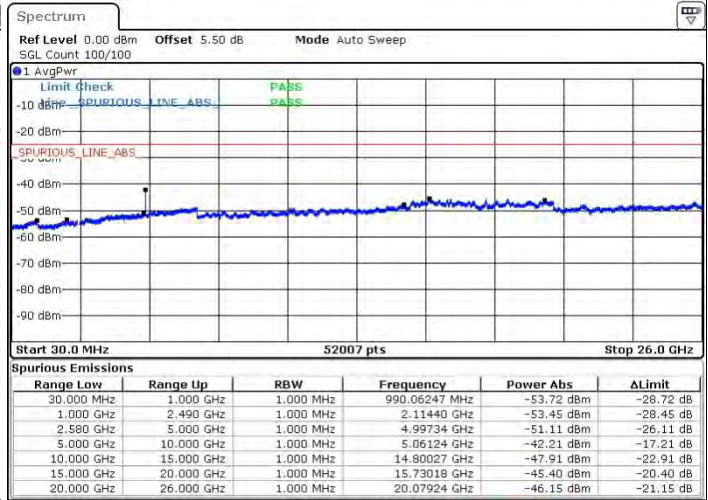
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



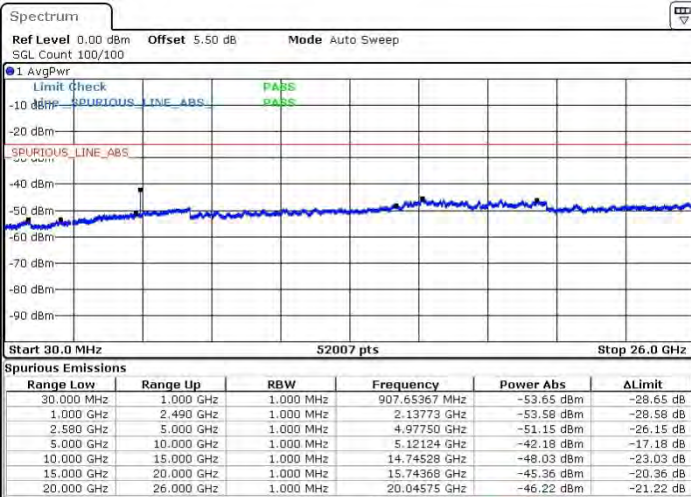
Date: 17.MAR.2015 17:44:10



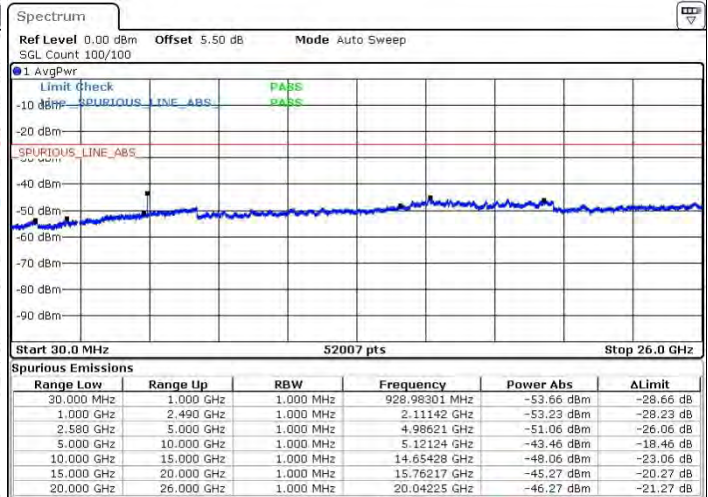
Date: 17.MAR.2015 17:45:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAR.2015 17:47:30



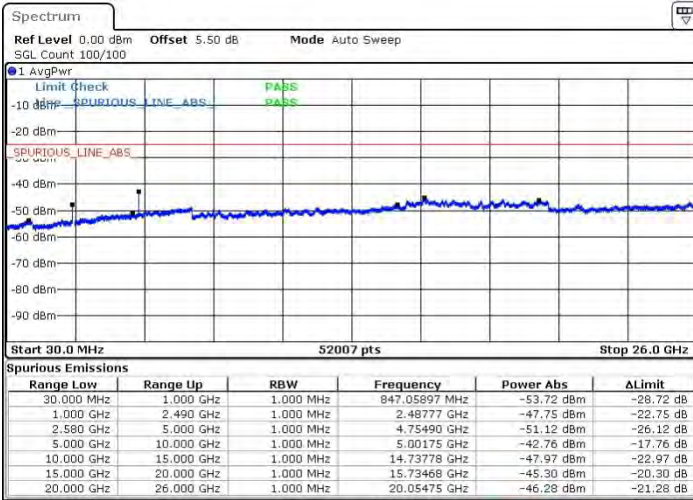
Date: 17.MAR.2015 17:48:49



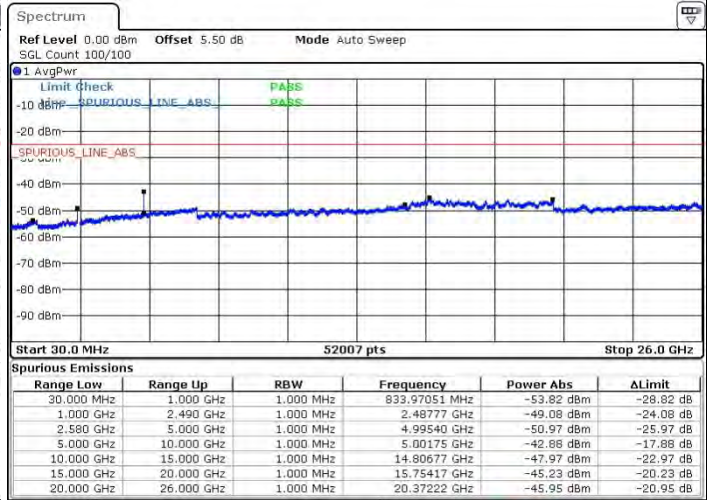
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



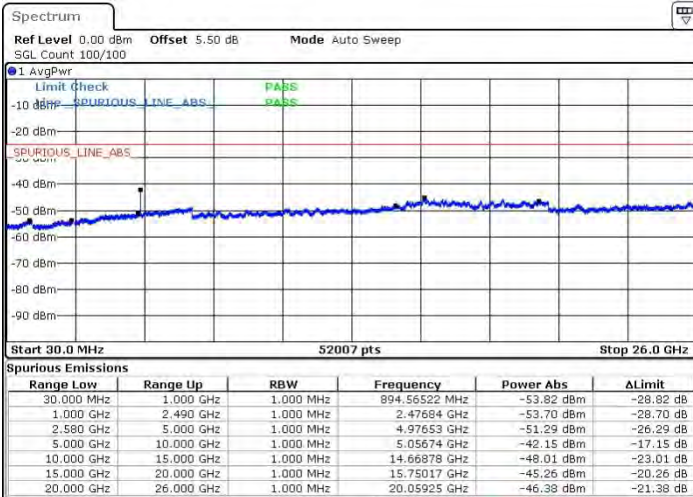
Date: 17.MAR.2015 17:50:51



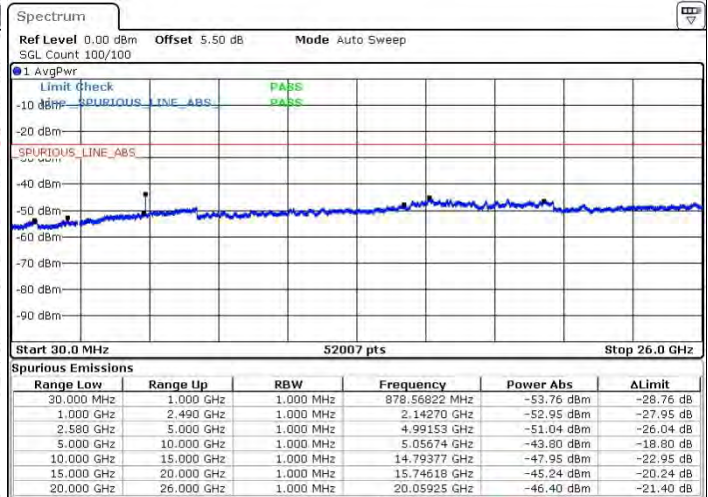
Date: 17.MAR.2015 17:52:10

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 17.MAR.2015 17:54:12



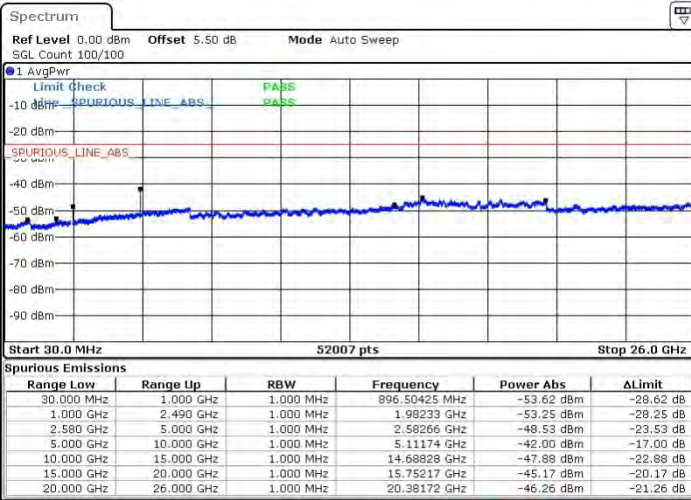
Date: 17.MAR.2015 17:55:30



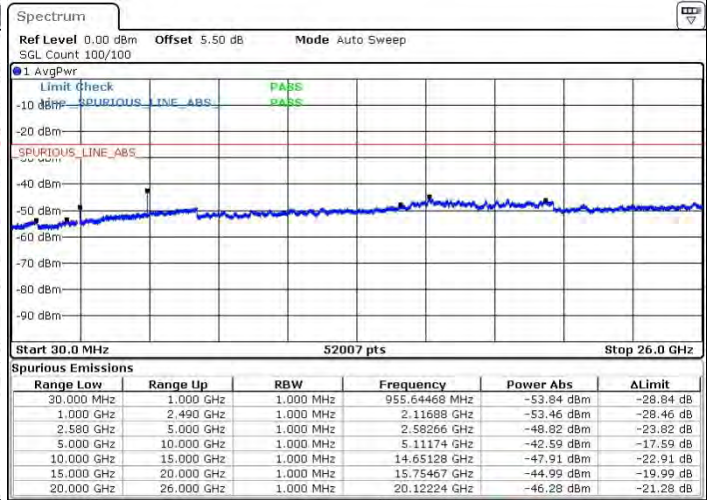
LTE Band 7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17 MAR 2015 17:57:33

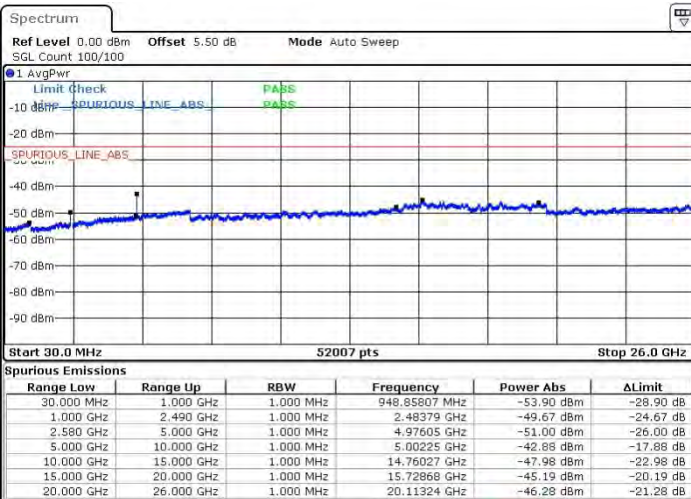


Date: 17 MAR 2015 17:58:51

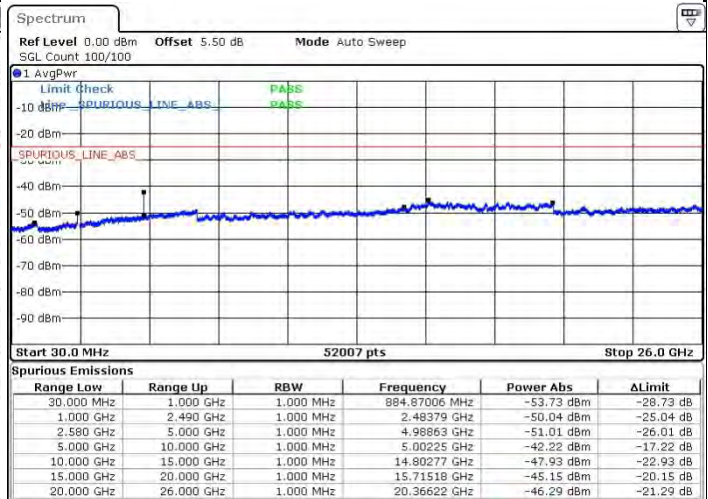
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 17 MAR 2015 18:00:53



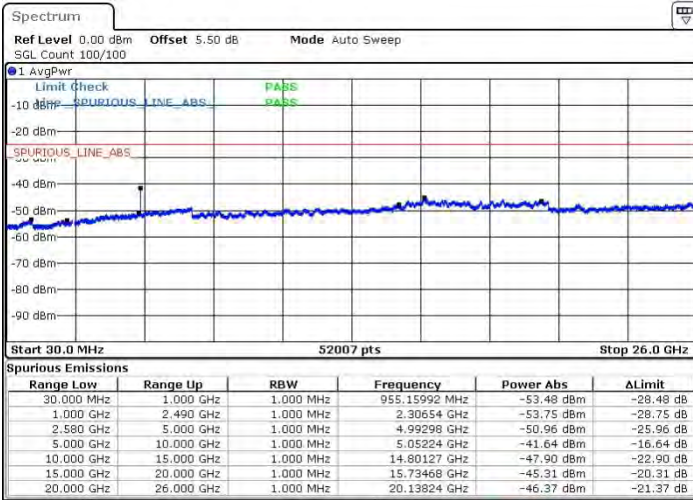
Date: 17 MAR 2015 18:02:12



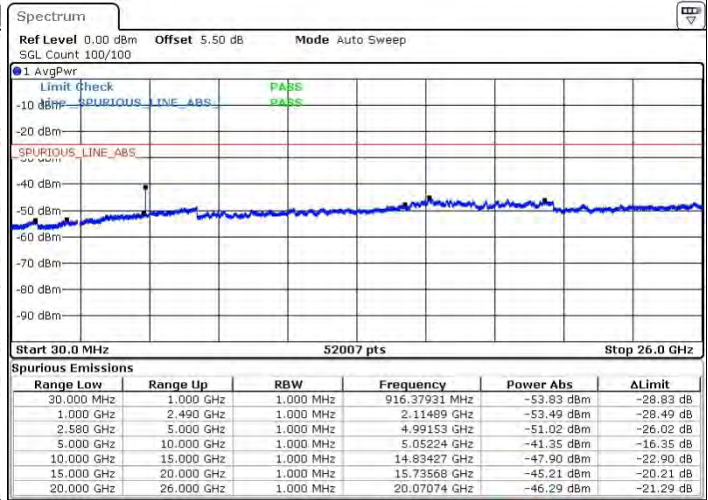
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



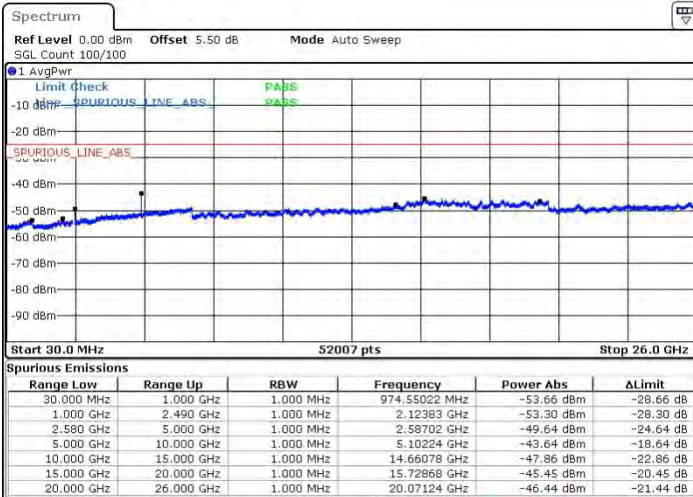
Date: 17 MAR 2015 18:04:14



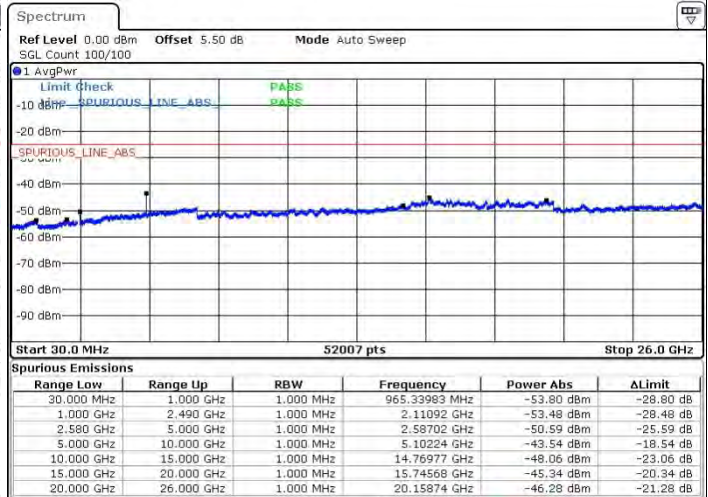
Date: 17 MAR 2015 18:05:33

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17 MAR 2015 18:07:35



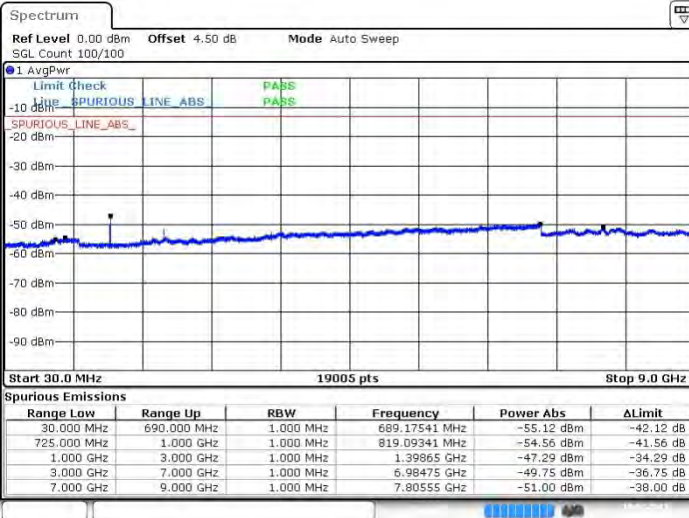
Date: 17 MAR 2015 18:08:53



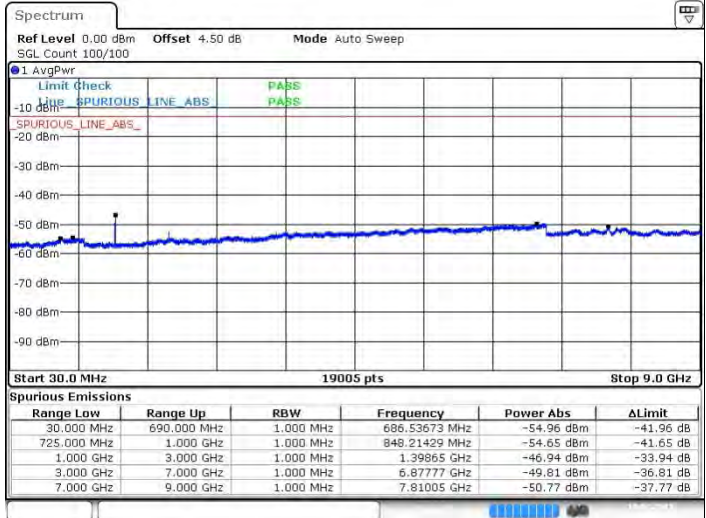
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



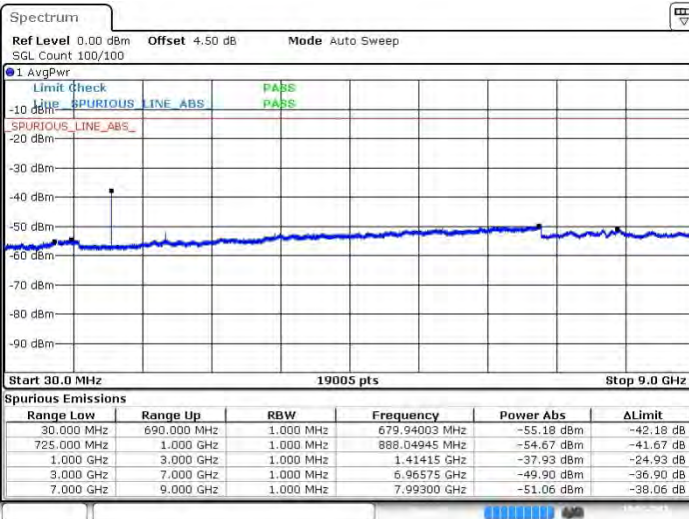
Date: 18 MAR 2015 18:28:59



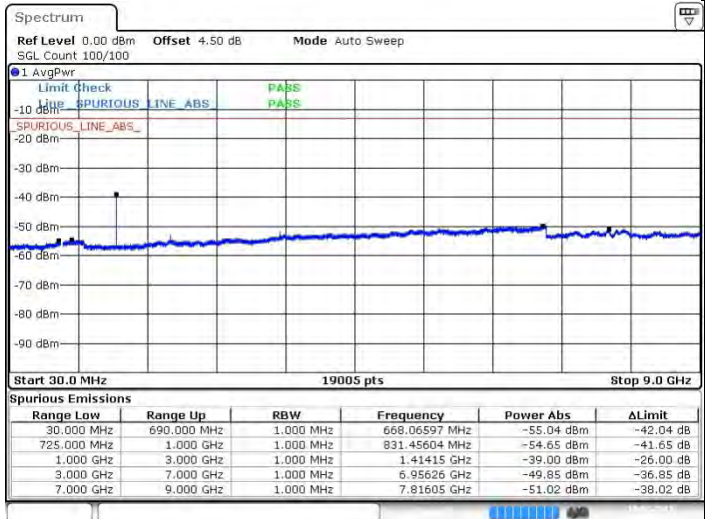
Date: 18 MAR 2015 18:29:35

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18 MAR 2015 18:30:08



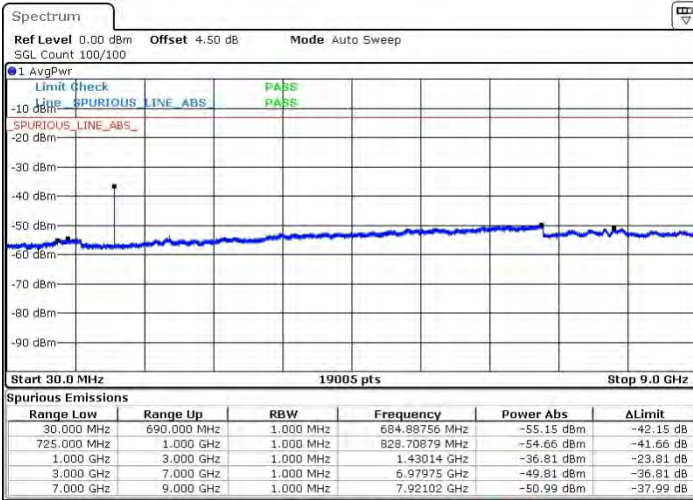
Date: 18 MAR 2015 18:30:32



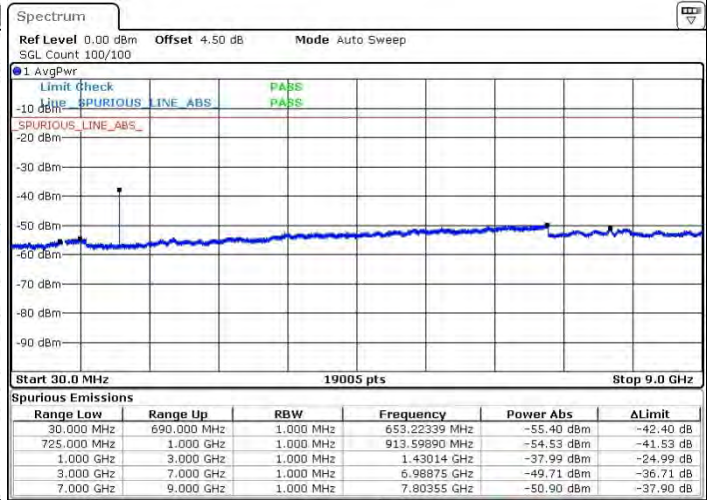
LTE Band 12 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 MAR 2015 18:31:14

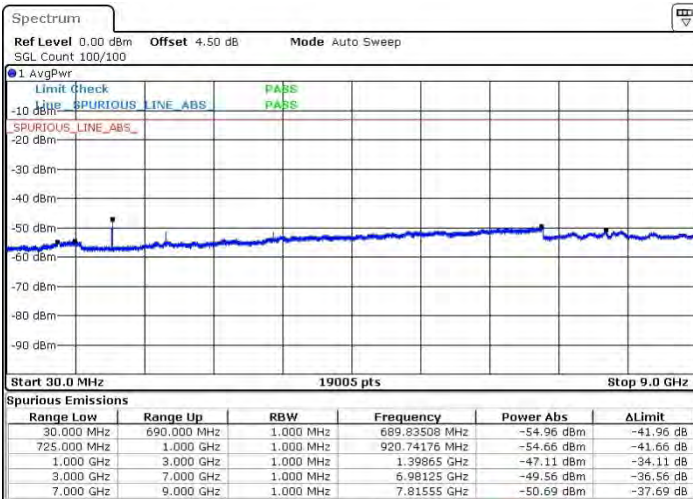


Date: 18 MAR 2015 18:31:40

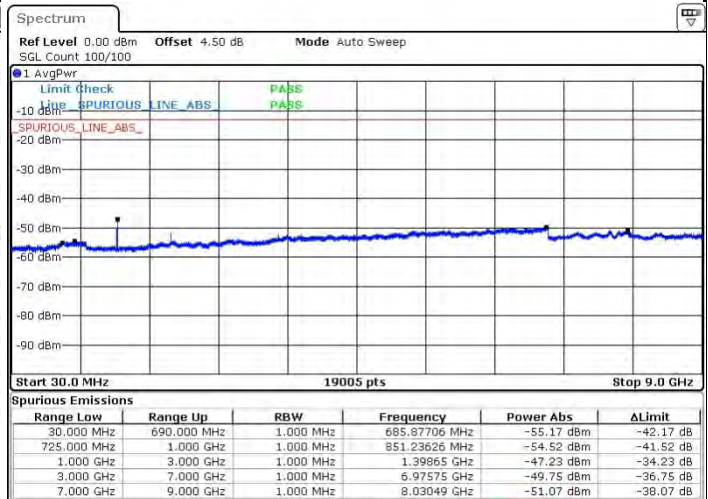
LTE Band 12 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18 MAR 2015 18:46:04



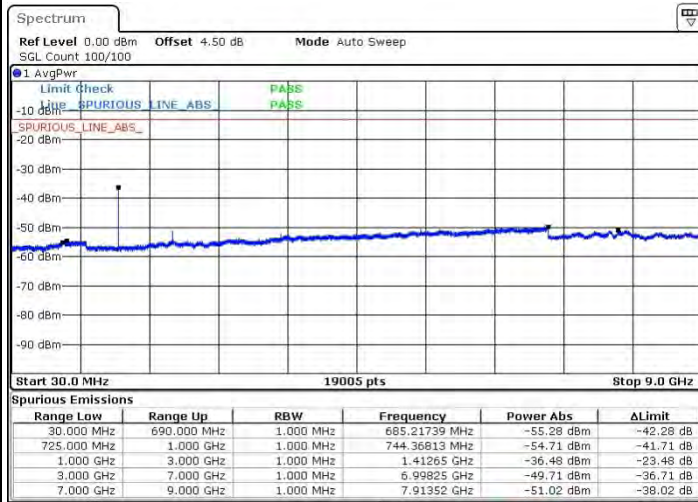
Date: 18 MAR 2015 18:46:29



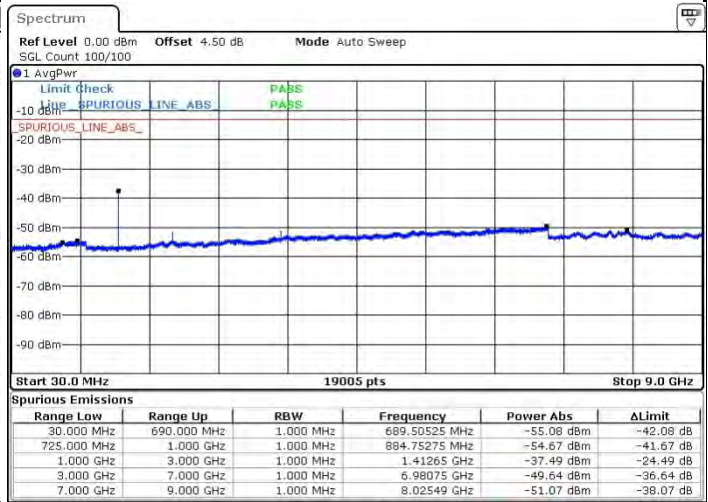
LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



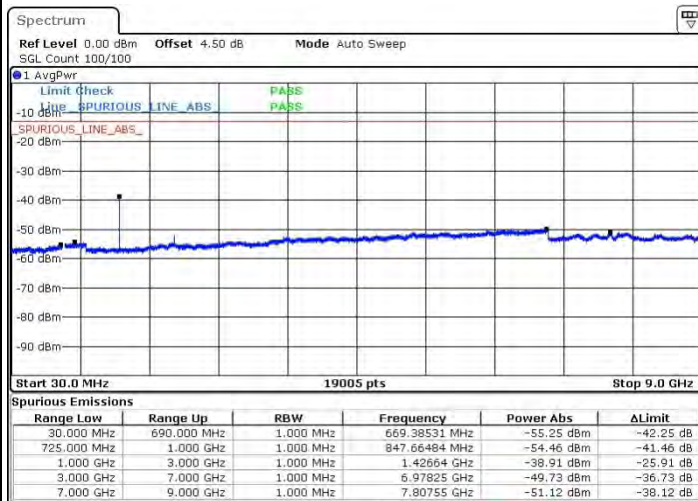
Date: 18 MAR 2015 18:47:06



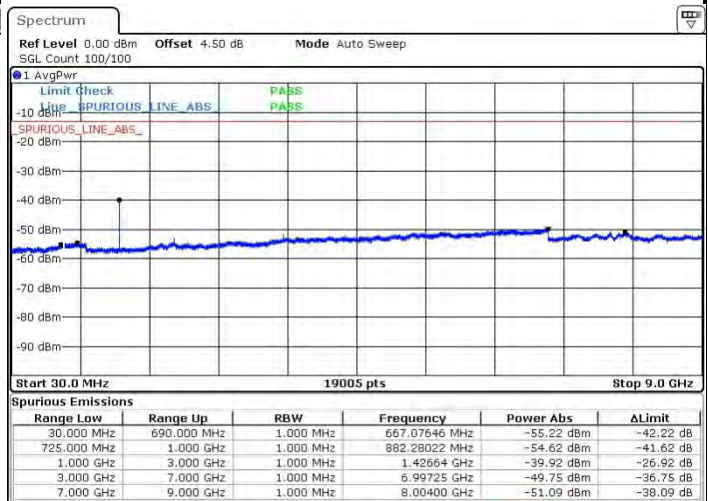
Date: 18 MAR 2015 18:47:38

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 MAR 2015 18:48:07



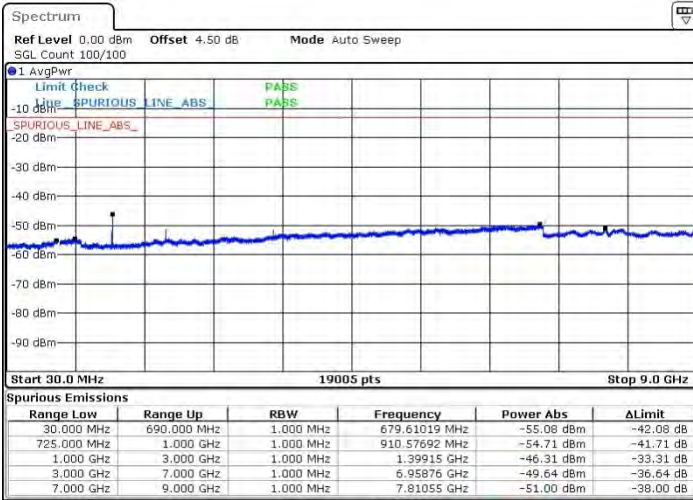
Date: 18 MAR 2015 18:48:35



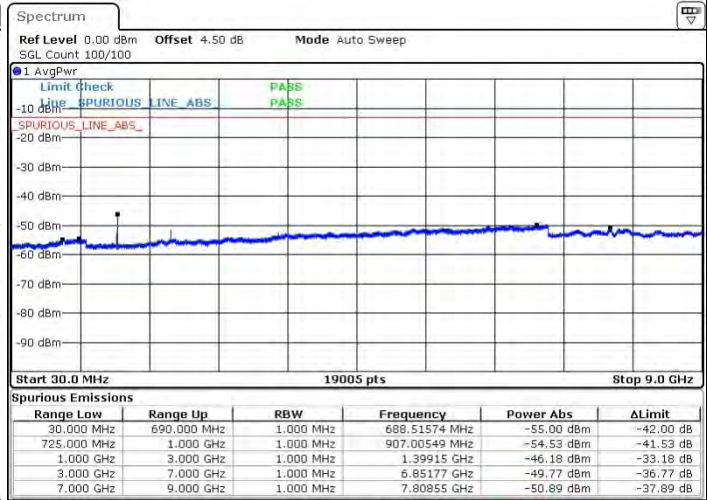
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



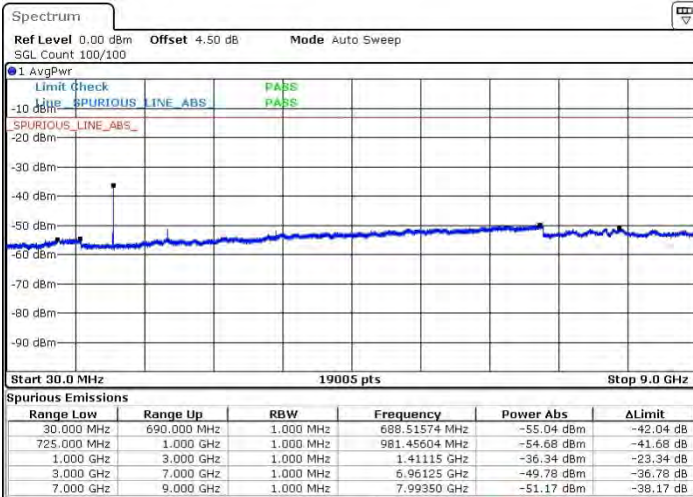
Date: 18 MAR 2015 19:00:44



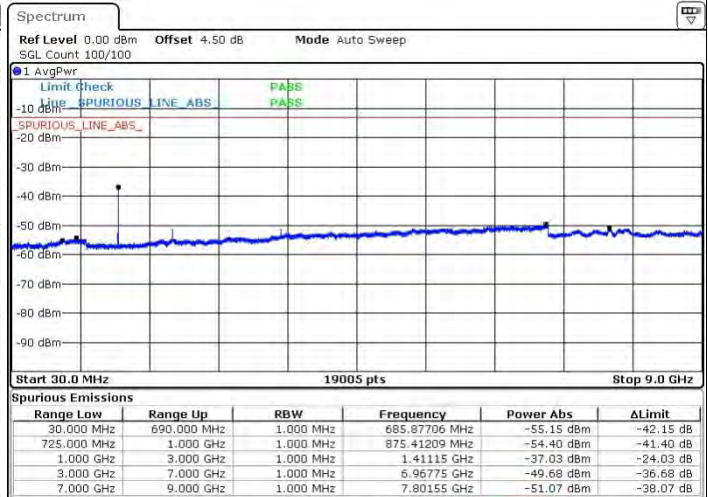
Date: 18 MAR 2015 19:01:14

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18 MAR 2015 19:01:40



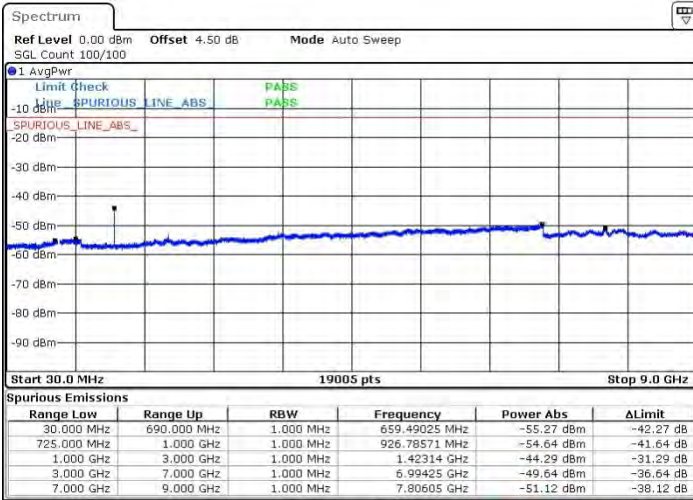
Date: 18 MAR 2015 19:02:09



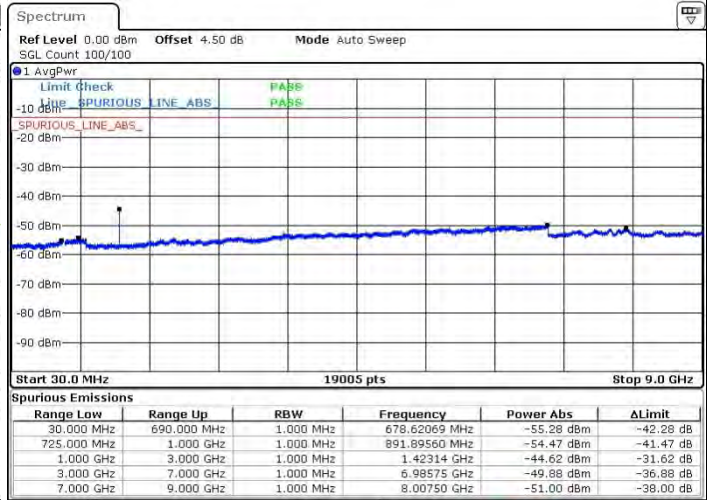
LTE Band 12 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 MAR 2015 19:02:36

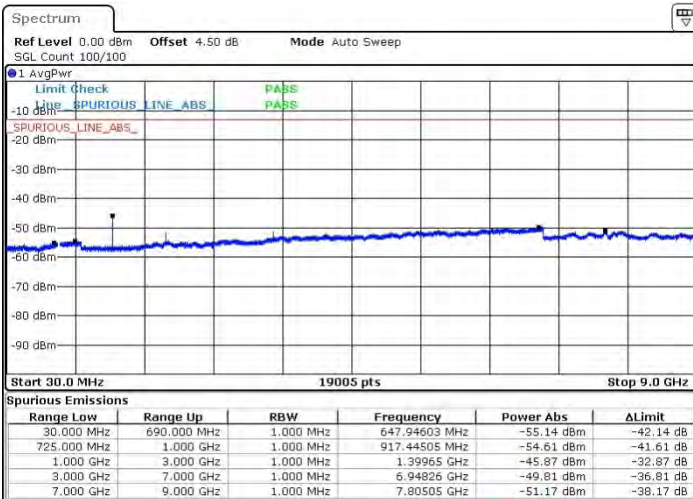


Date: 18 MAR 2015 19:03:01

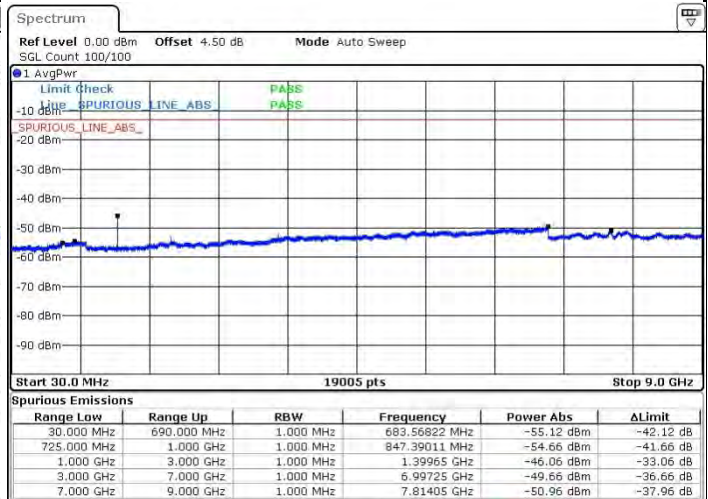
LTE Band 12 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18 MAR 2015 19:13:14



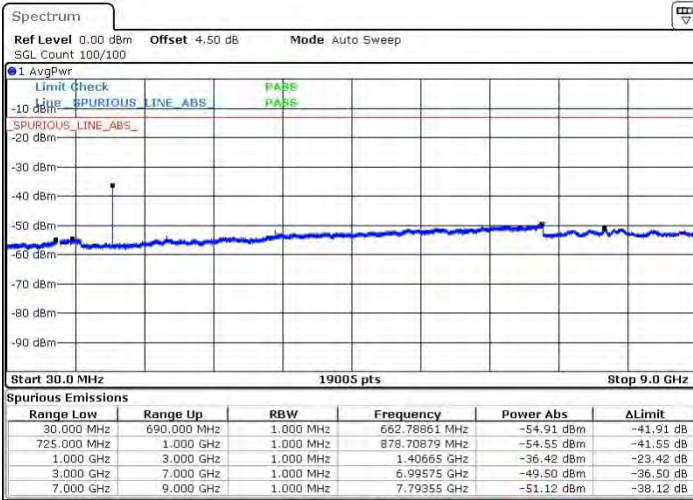
Date: 18 MAR 2015 19:13:42



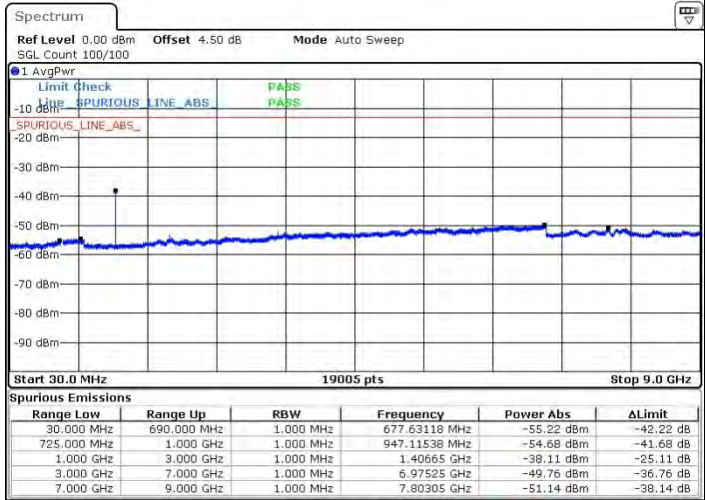
LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



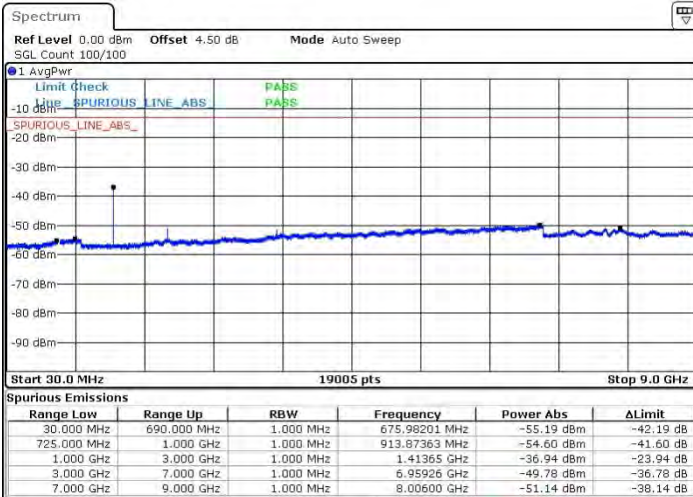
Date: 18 MAR 2015 19:23:25



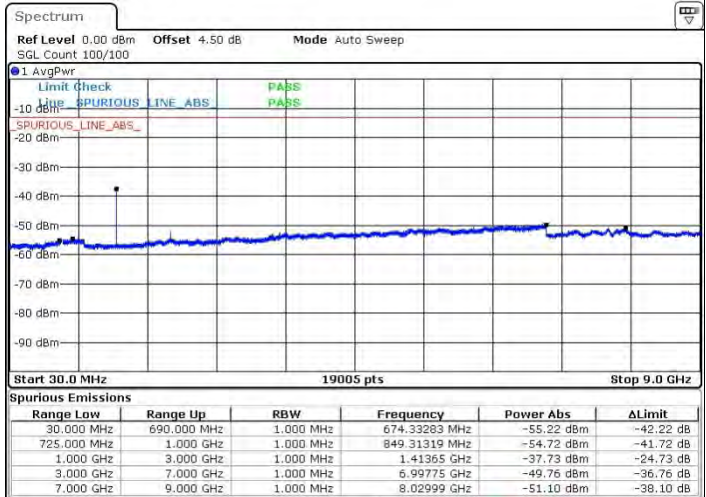
Date: 18 MAR 2015 19:14:38

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 MAR 2015 19:15:04



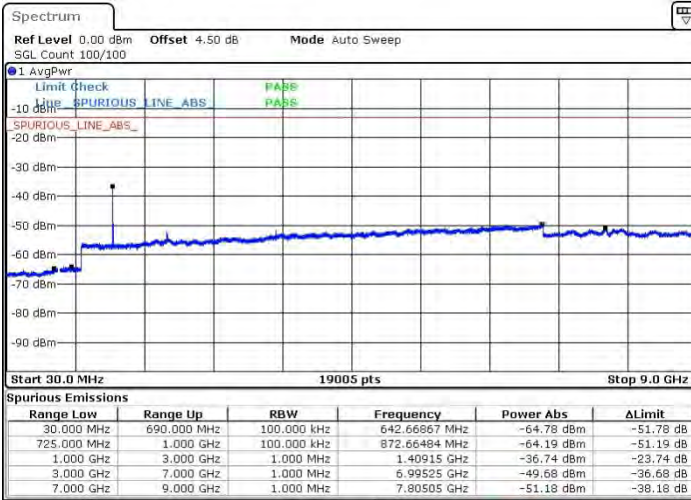
Date: 18 MAR 2015 19:15:32



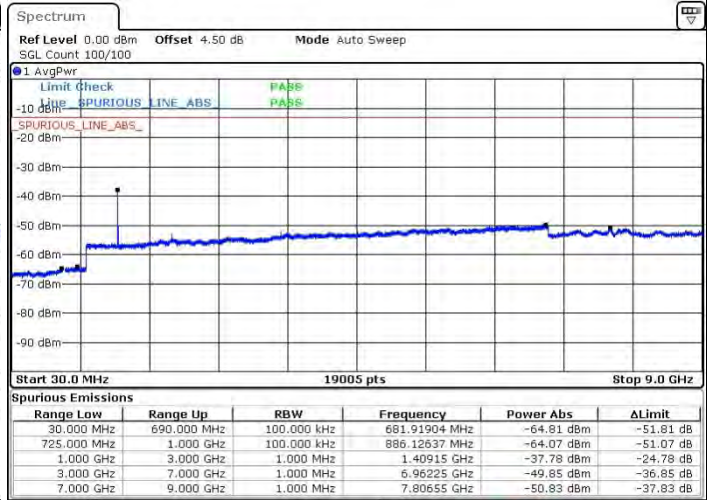
LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



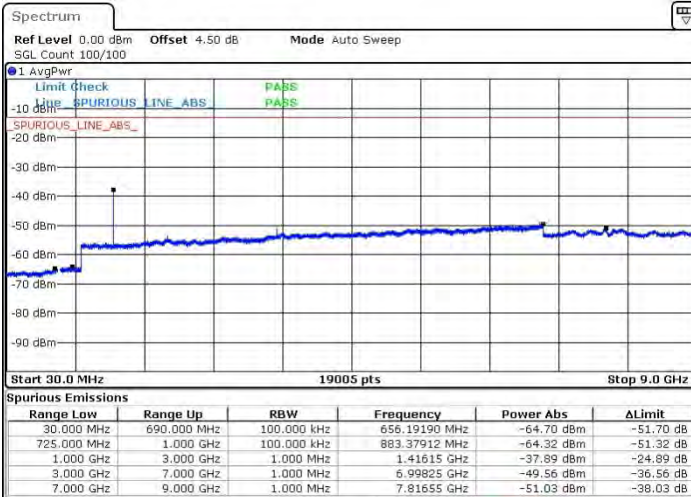
Date: 18 MAR 2015 09:36:32



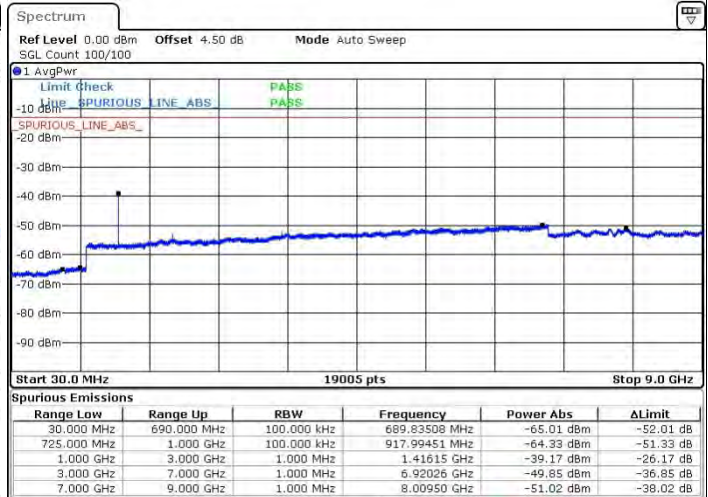
Date: 18 MAR 2015 09:37:50

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18 MAR 2015 09:39:51



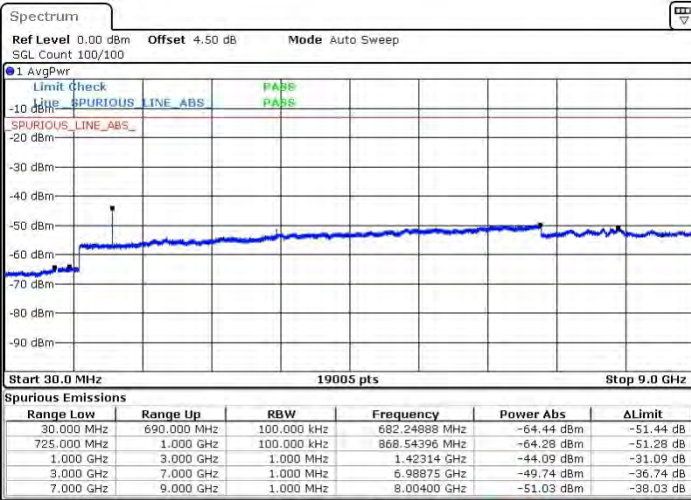
Date: 18 MAR 2015 09:41:09



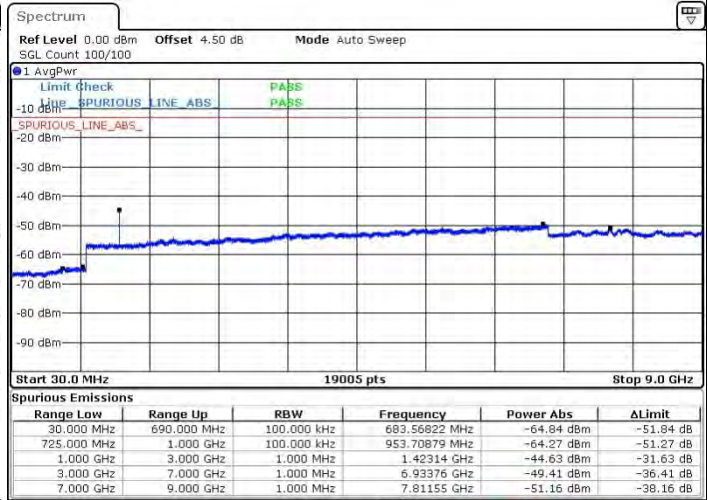
LTE Band 17 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 MAR 2015 09:43:11

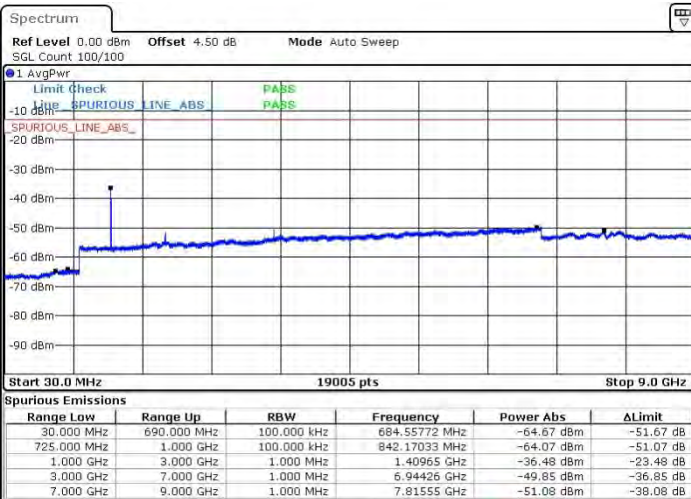


Date: 18 MAR 2015 09:44:28

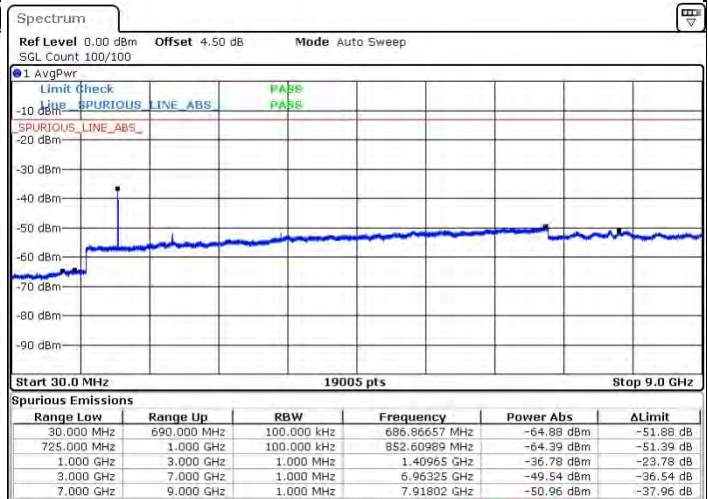
LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18 MAR 2015 09:46:30



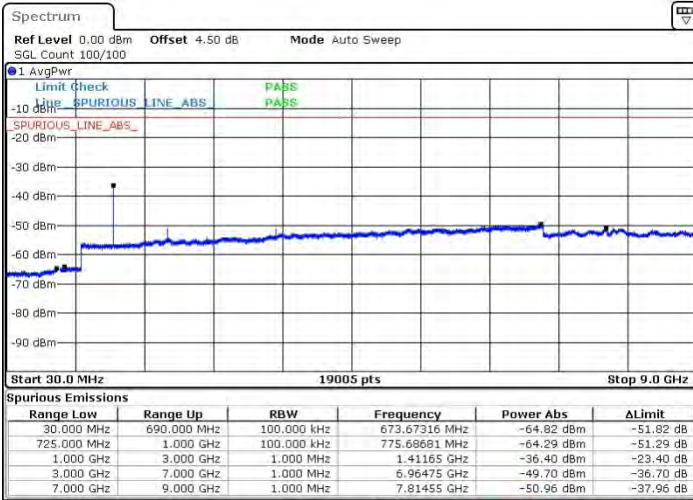
Date: 18 MAR 2015 09:47:47



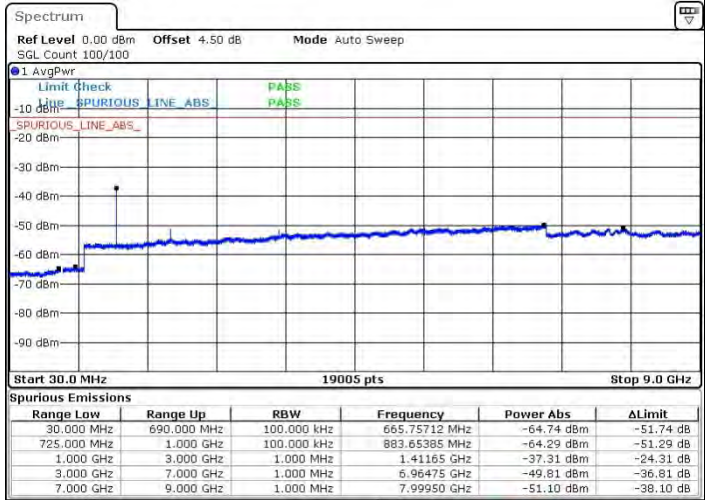
LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



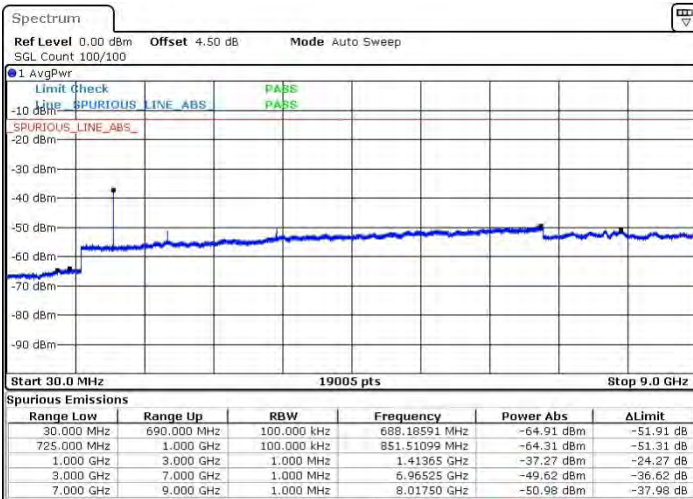
Date: 18 MAR 2015 09:49:49



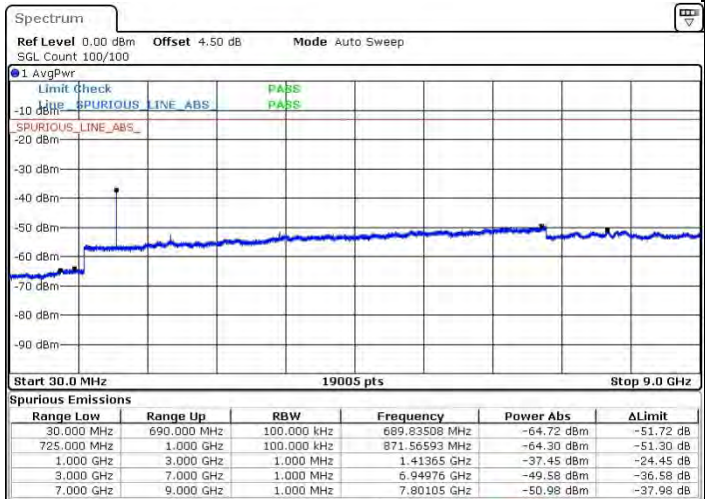
Date: 18 MAR 2015 09:51:07

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18 MAR 2015 09:53:08



Date: 18 MAR 2015 09:54:26

**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	0.0012	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0004	



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0185	PASS
40	Normal Voltage	0.0175	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0161	
0	Normal Voltage	0.0167	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0176	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0126	
20	Battery End Point	0.0054	



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0062	
20	Normal Voltage	0.0068	
20	Battery End Point	0.0040	

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0069	PASS
40	Normal Voltage	0.0045	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0102	
-20	Normal Voltage	0.0122	
-30	Normal Voltage	0.0151	
20	Maximum Voltage	0.0170	
20	Normal Voltage	0.0189	
20	Battery End Point	0.0209	



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0010	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage = 3.80 V. ; Battery End Point (BEP) = 3.50 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.