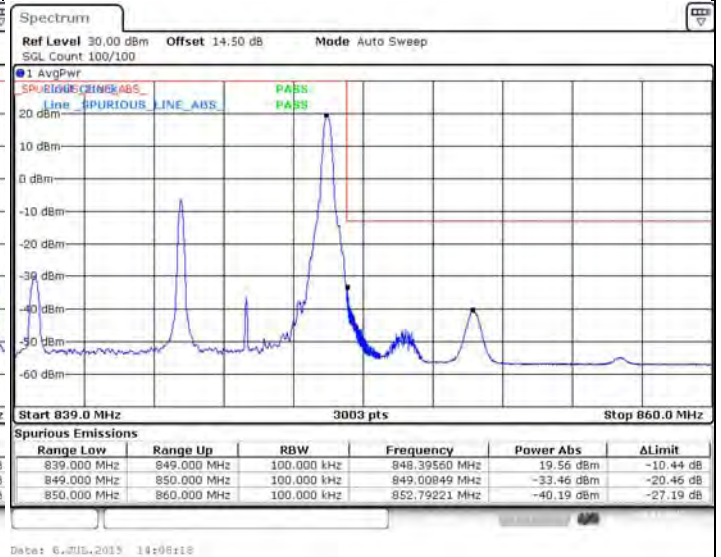
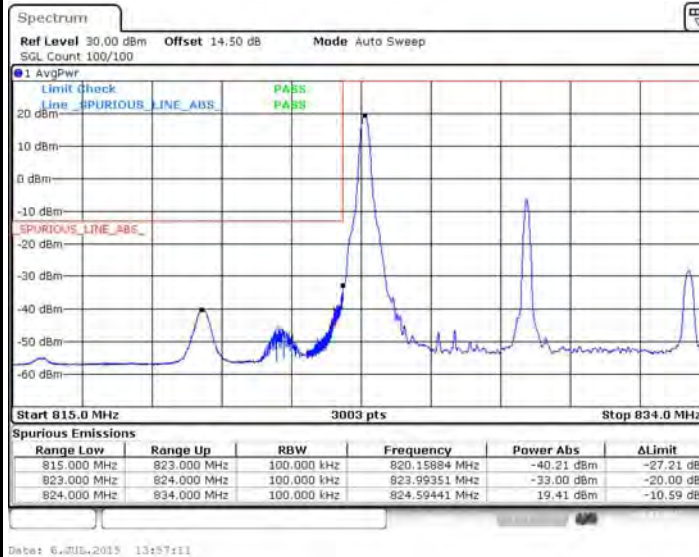




LTE Band 5 / 10MHz / 16QAM

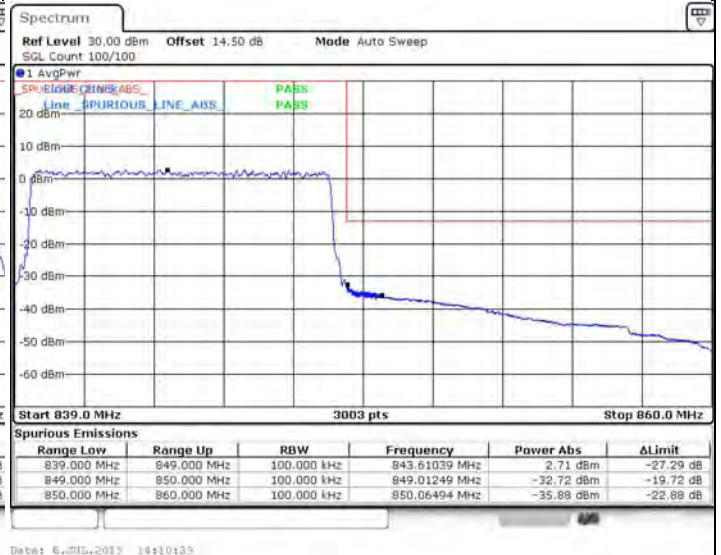
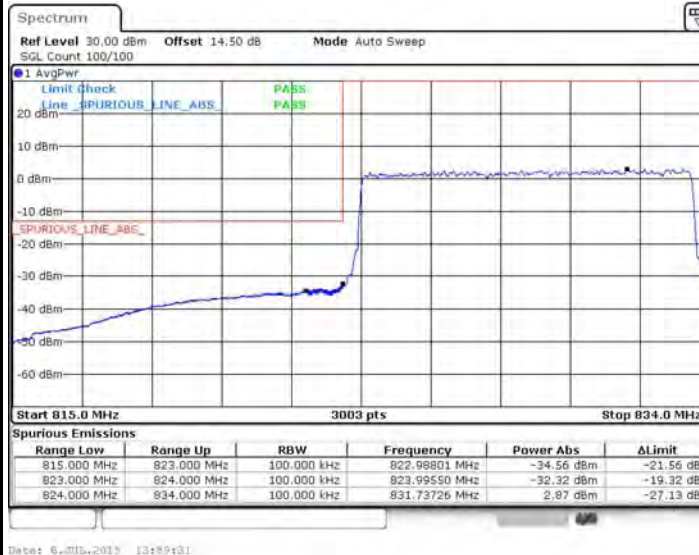
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

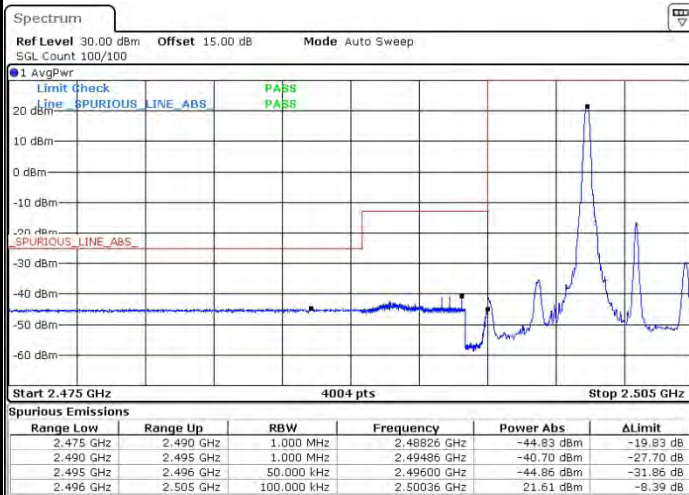
Highest Band Edge / Full RB





LTE Band 7 / 5MHz / QPSK

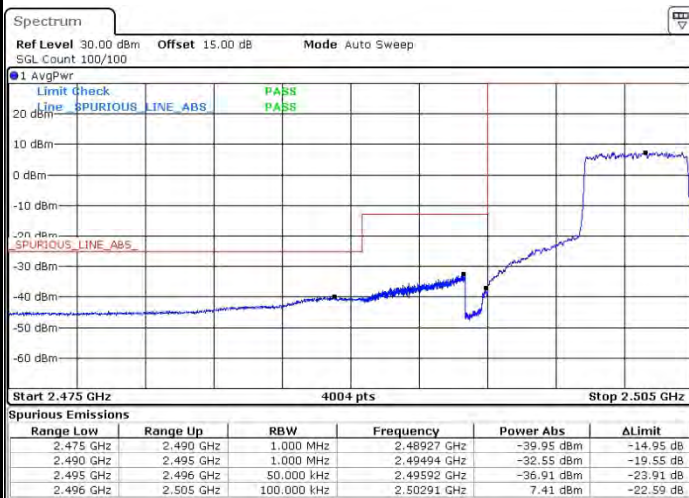
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



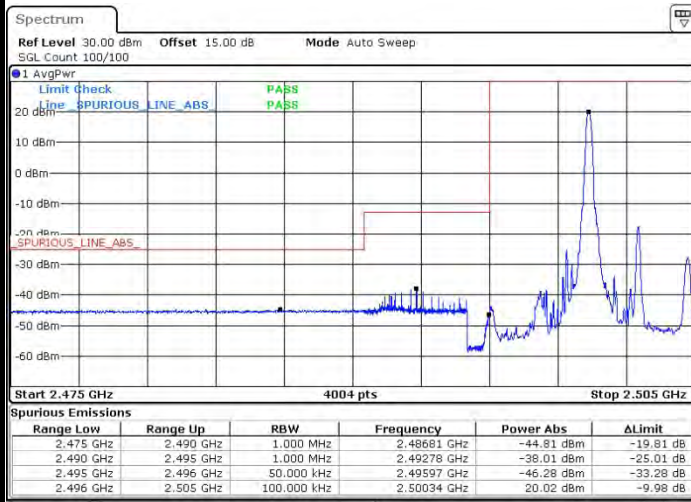
Highest Band Edge / Full RB





LTE Band 7 / 5MHz / 16QAM

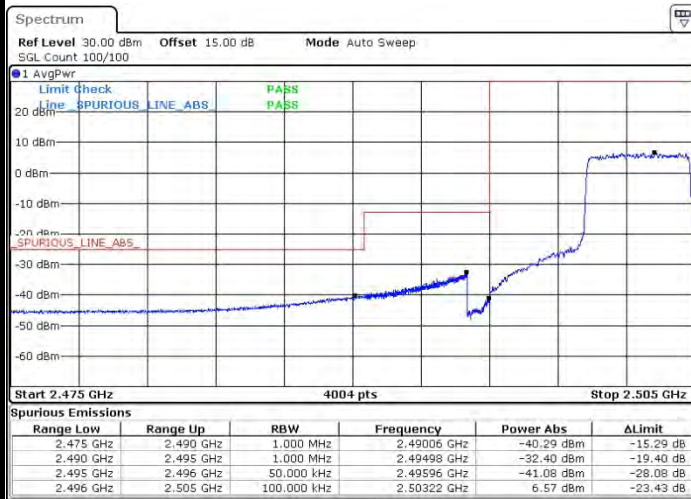
Lowest Band Edge / 1 RB



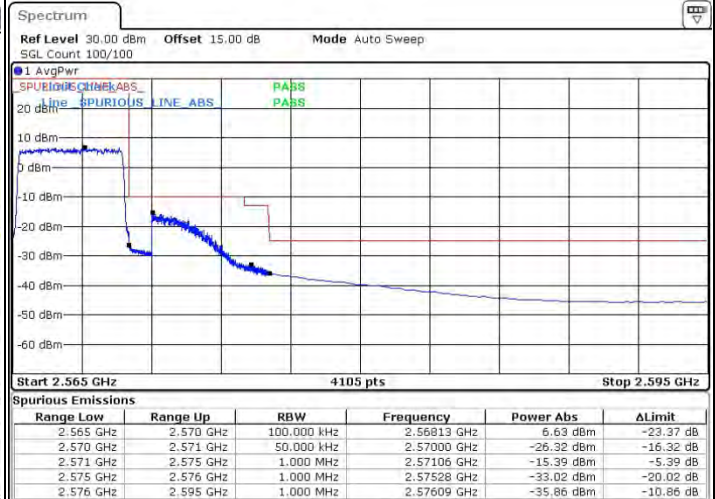
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



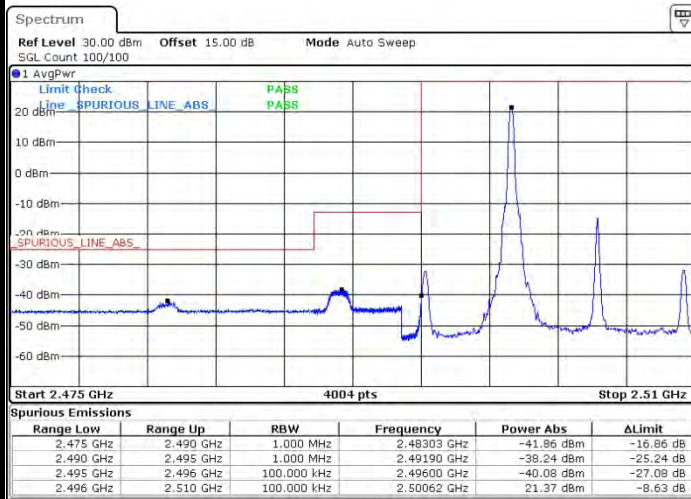
Highest Band Edge / Full RB



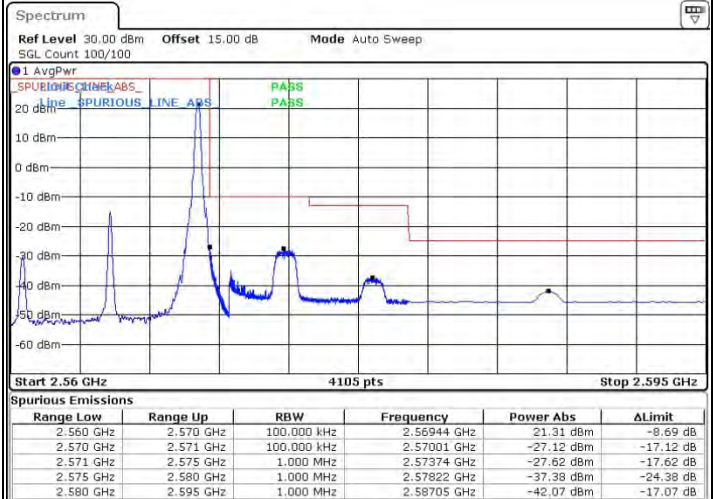


LTE Band 7 / 10MHz / QPSK

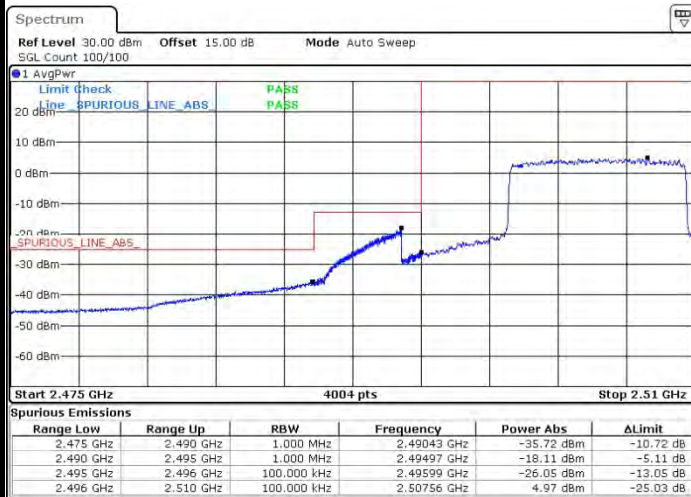
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



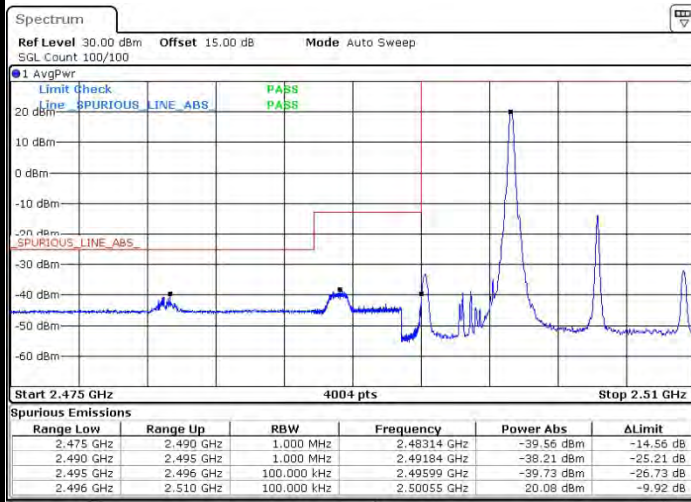
Highest Band Edge / Full RB



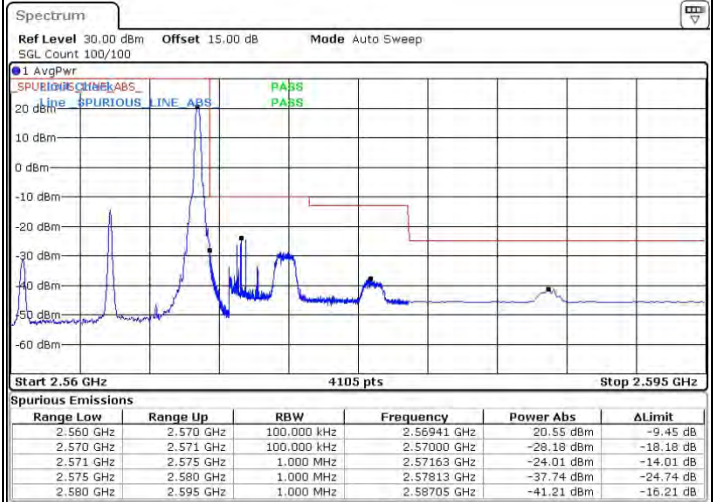


LTE Band 7 / 10MHz / 16QAM

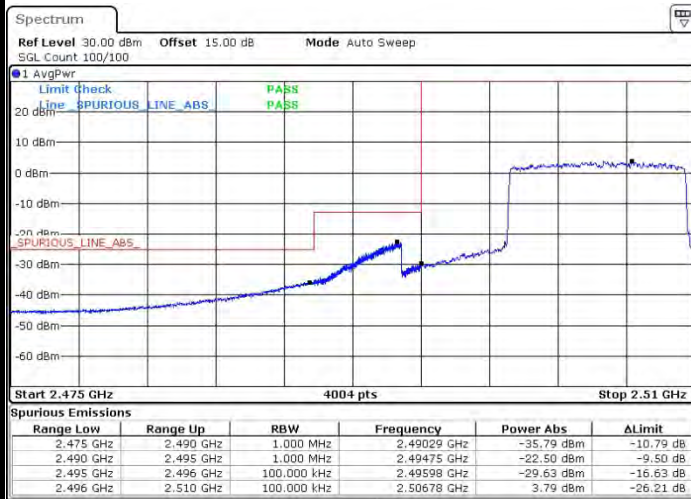
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



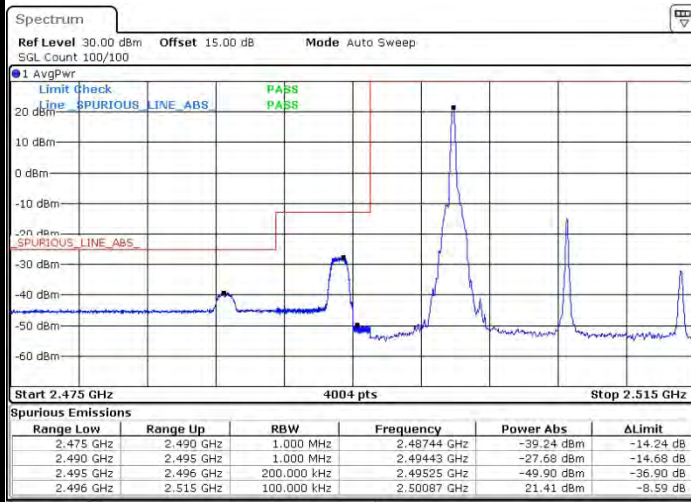
Highest Band Edge / Full RB



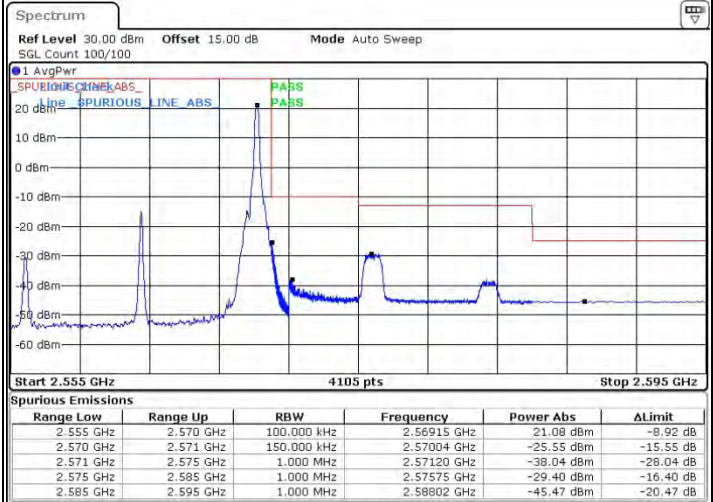


LTE Band 7 / 15MHz / QPSK

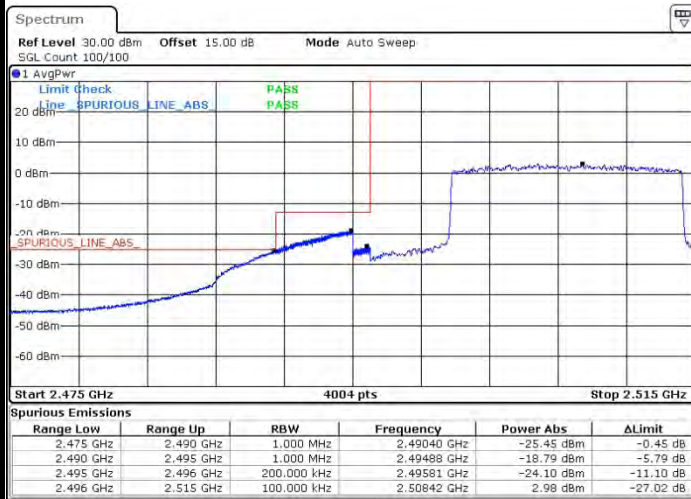
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



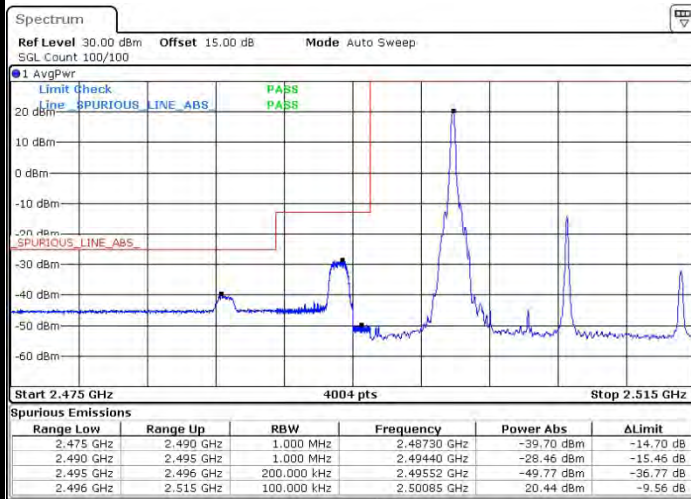
Highest Band Edge / Full RB



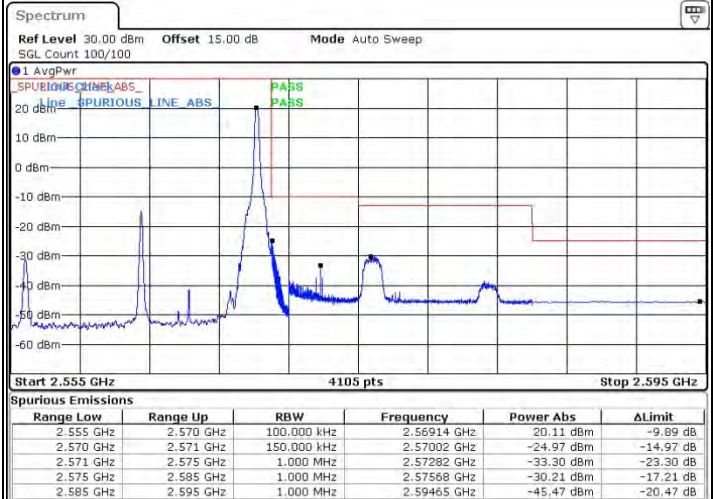


LTE Band 7 / 15MHz / 16QAM

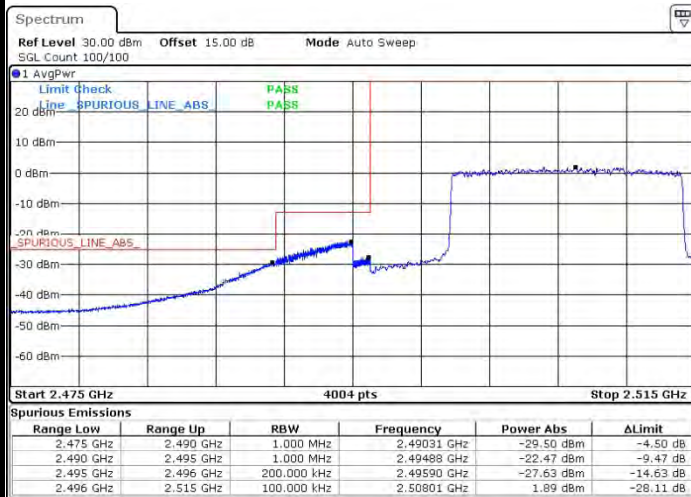
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



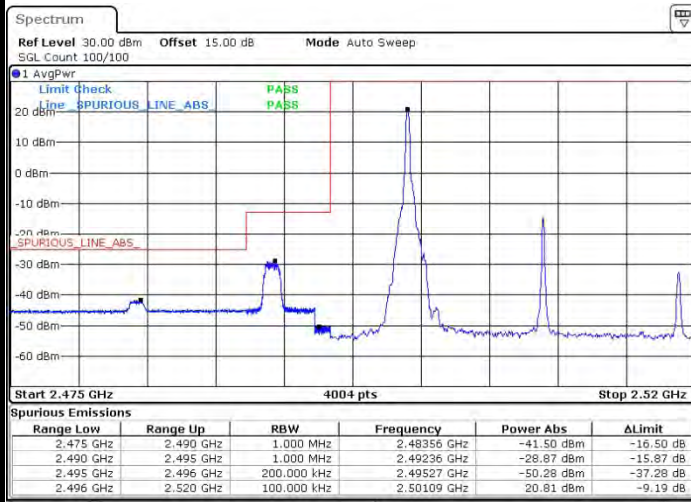
Highest Band Edge / Full RB





LTE Band 7 / 20MHz / QPSK

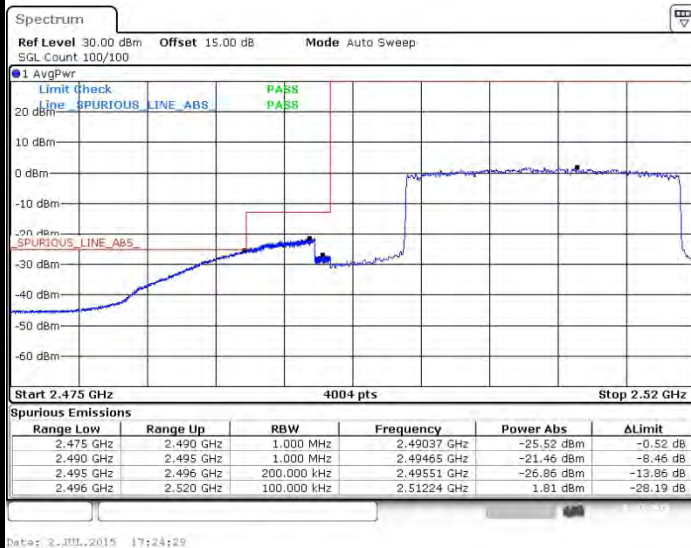
Lowest Band Edge / 1 RB



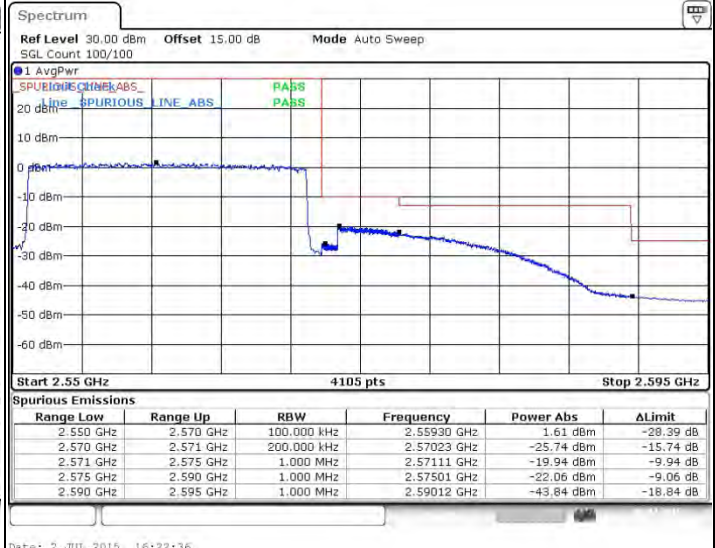
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



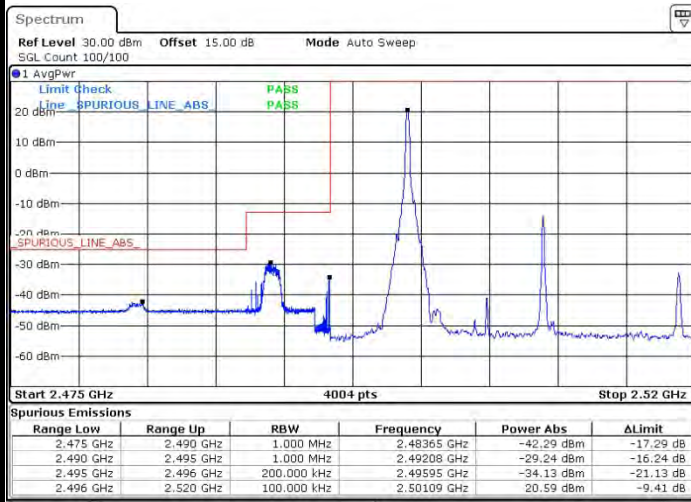
Highest Band Edge / Full RB



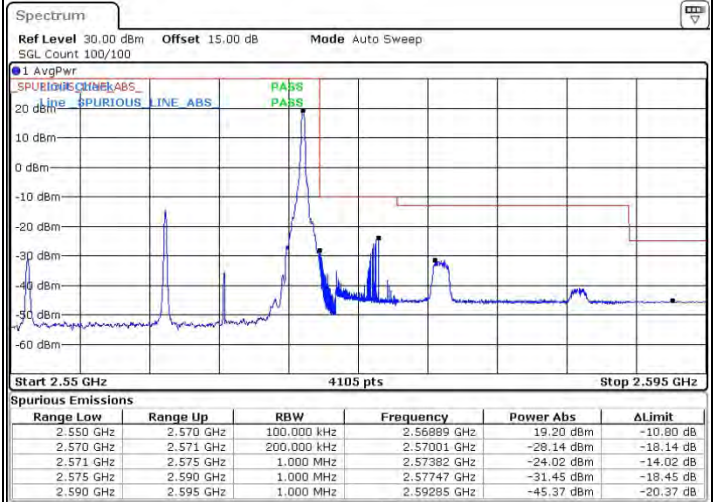


LTE Band 7 / 20MHz / 16QAM

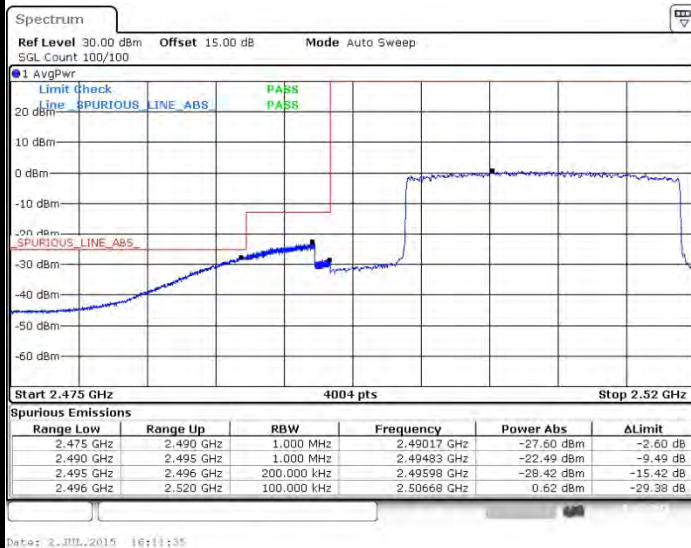
Lowest Band Edge / 1 RB



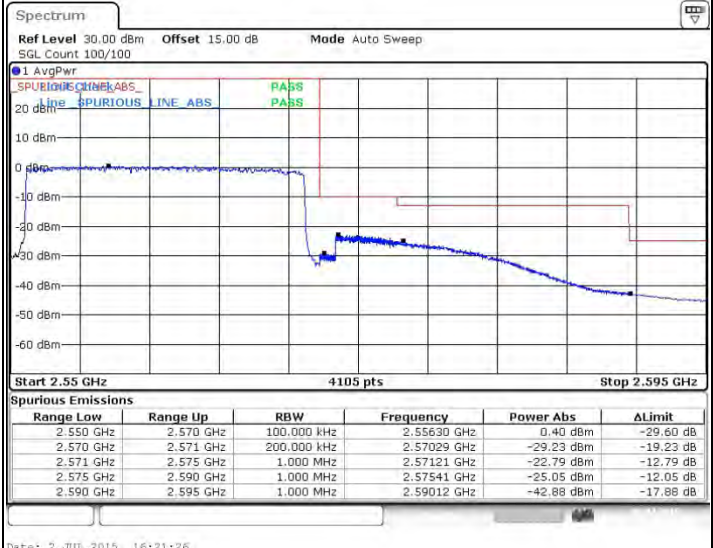
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



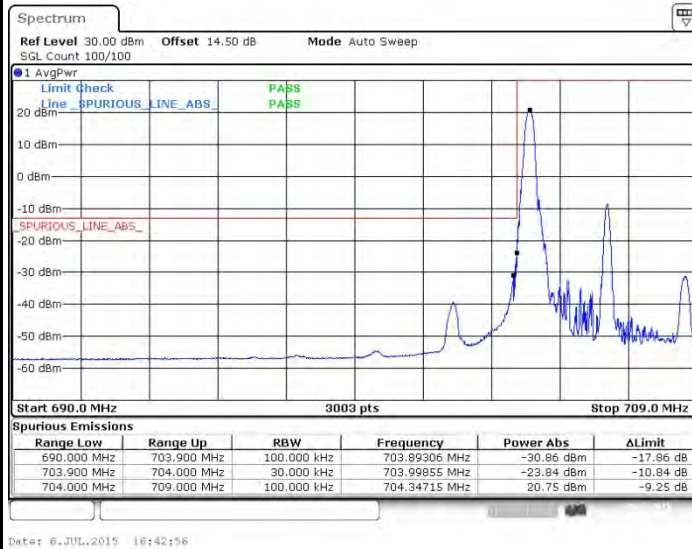
Highest Band Edge / Full RB



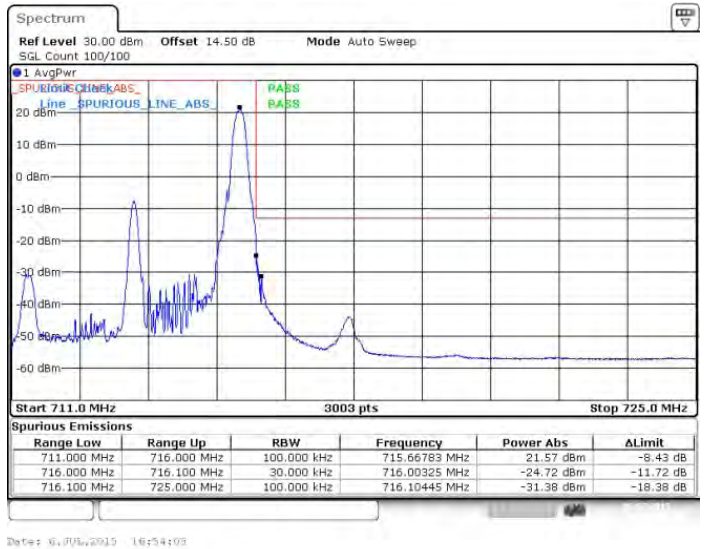


LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



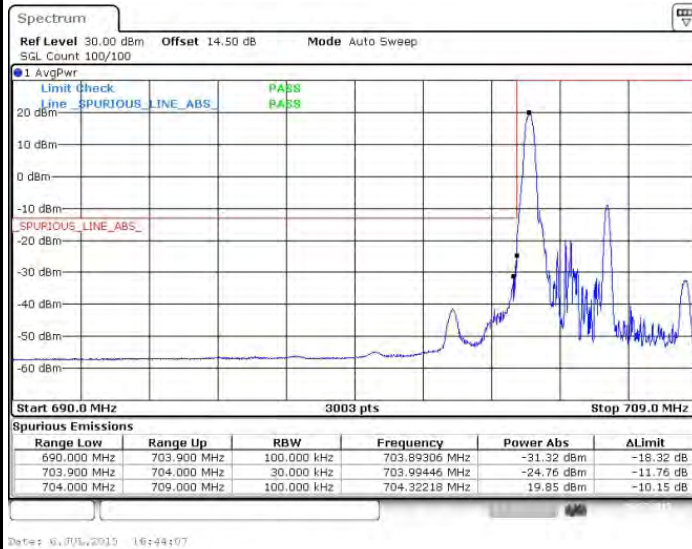
Highest Band Edge / Full RB



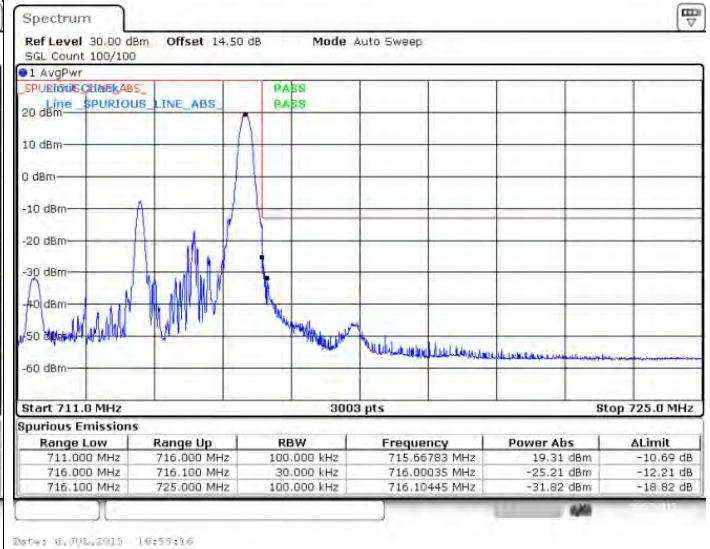


LTE Band 17 / 5MHz / 16QAM

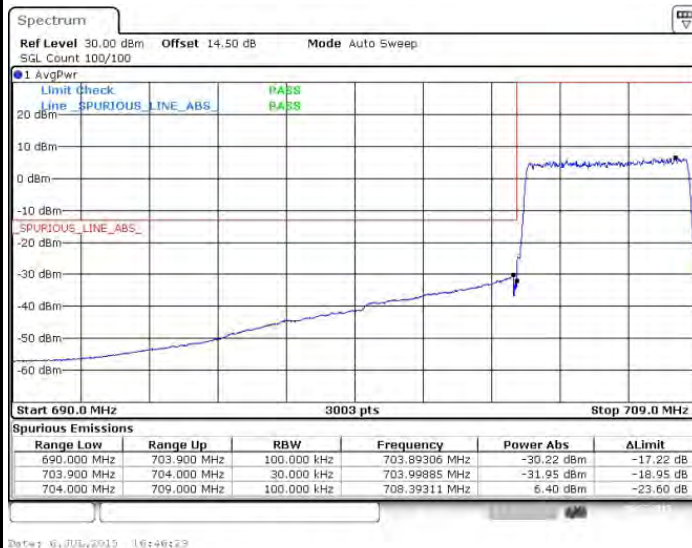
Lowest Band Edge / 1 RB



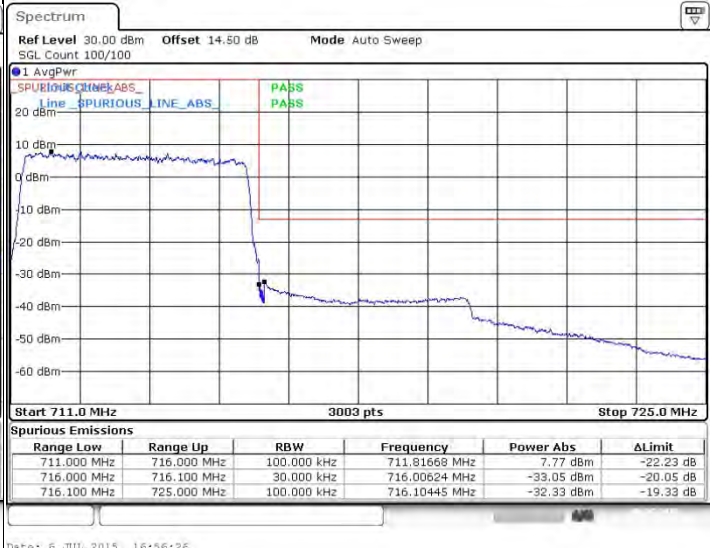
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



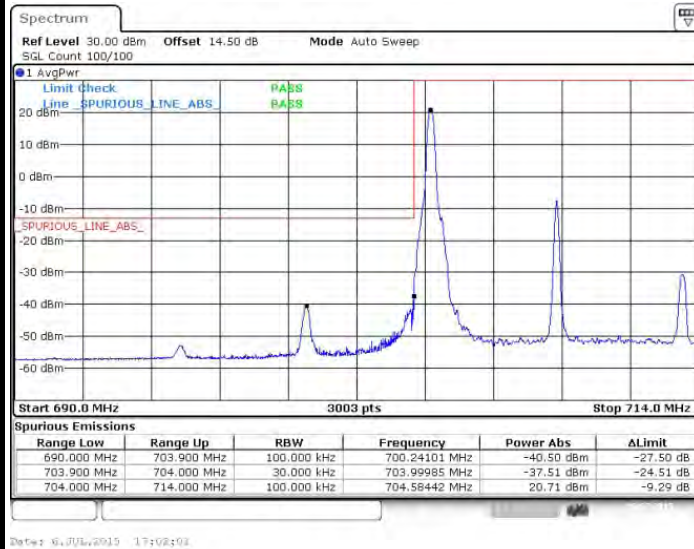
Highest Band Edge / Full RB



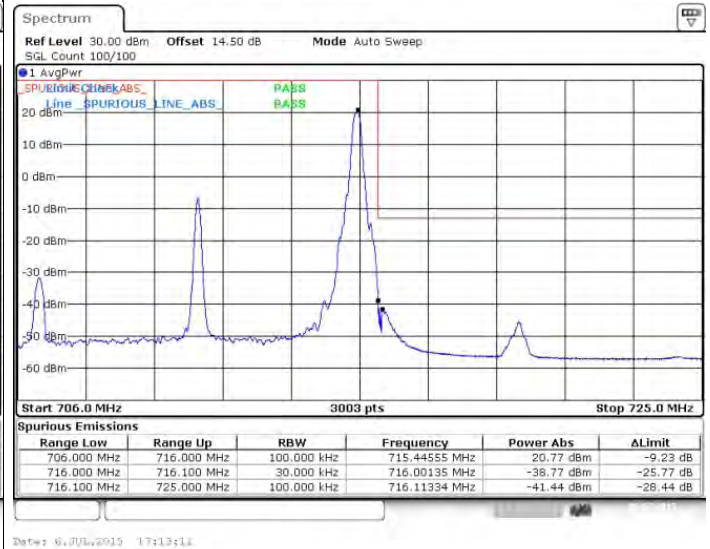


LTE Band 17 / 10MHz / QPSK

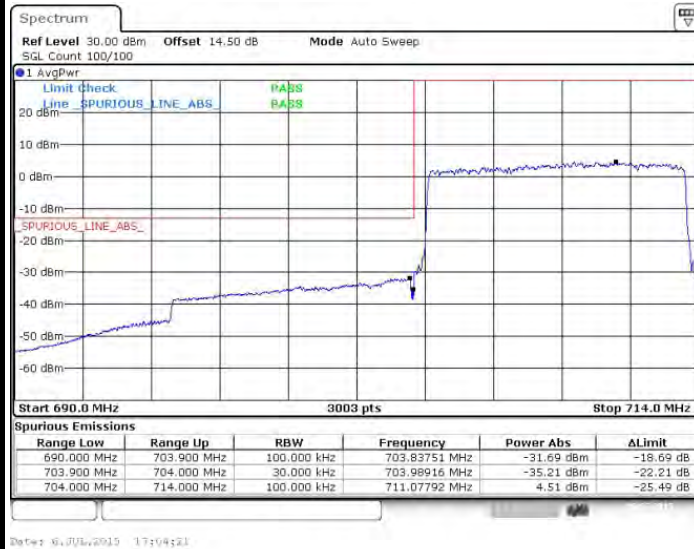
Lowest Band Edge / 1 RB



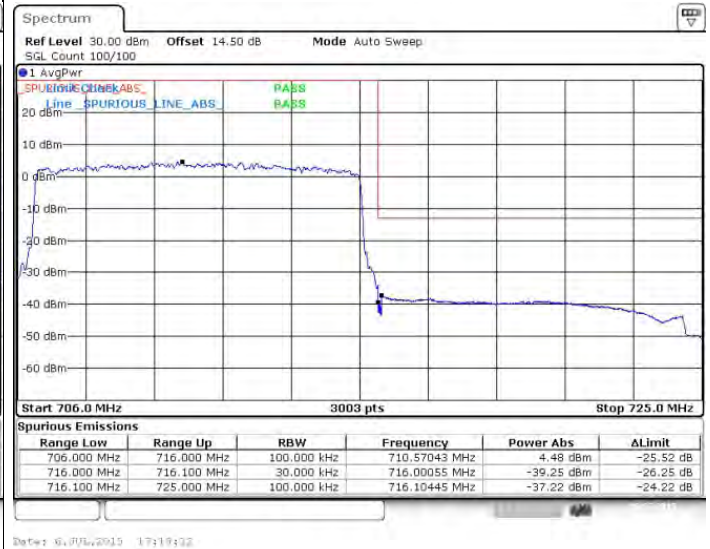
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



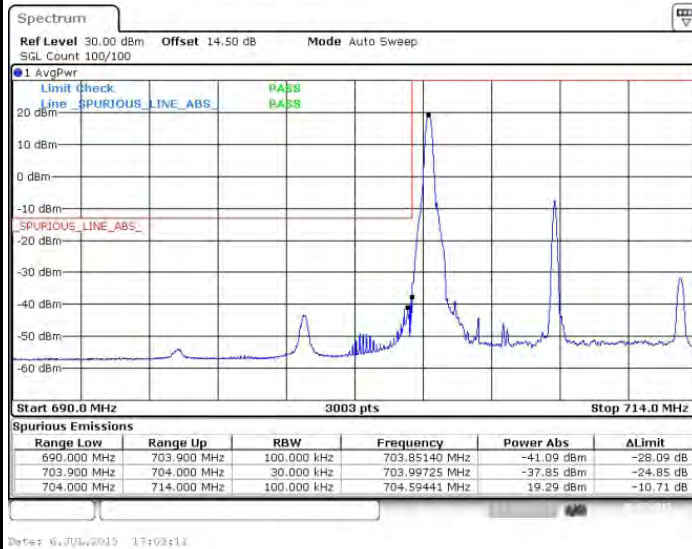
Highest Band Edge / Full RB



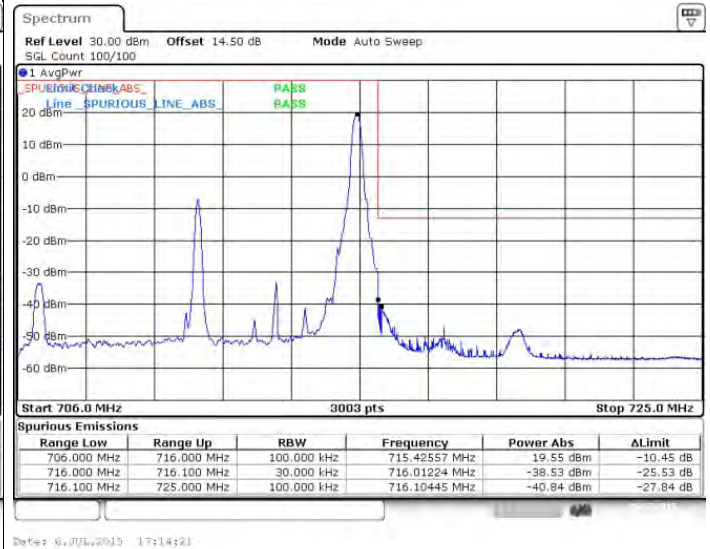


LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



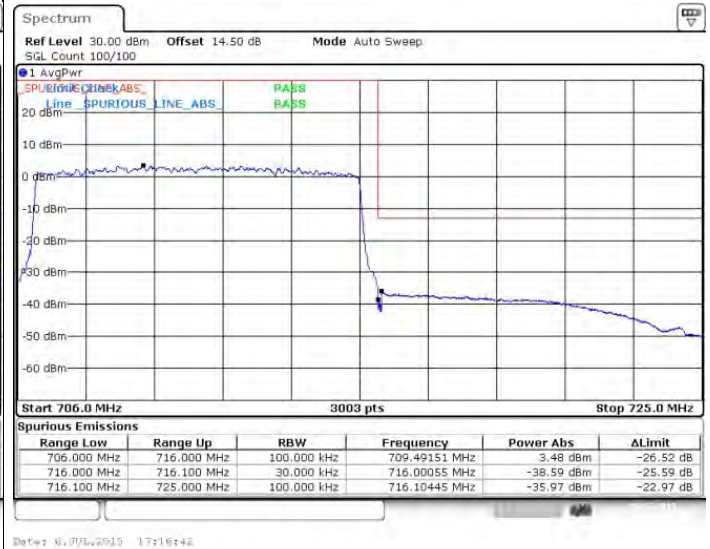
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

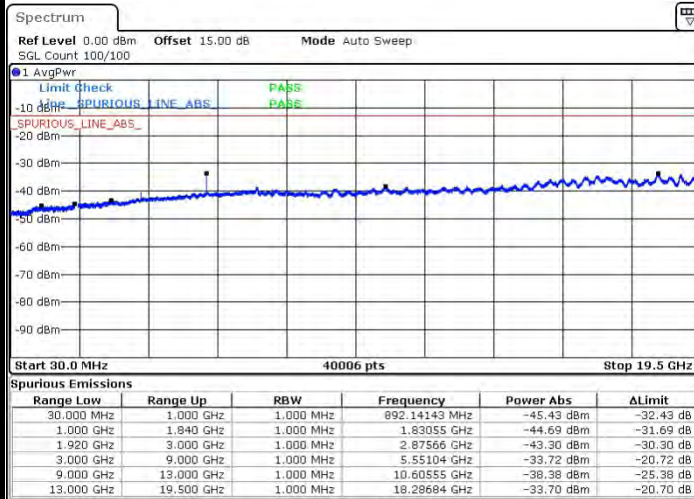




Conducted Spurious Emission

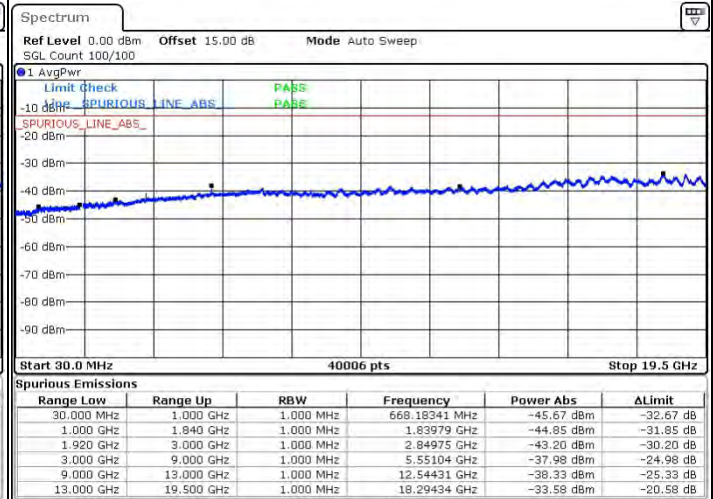
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



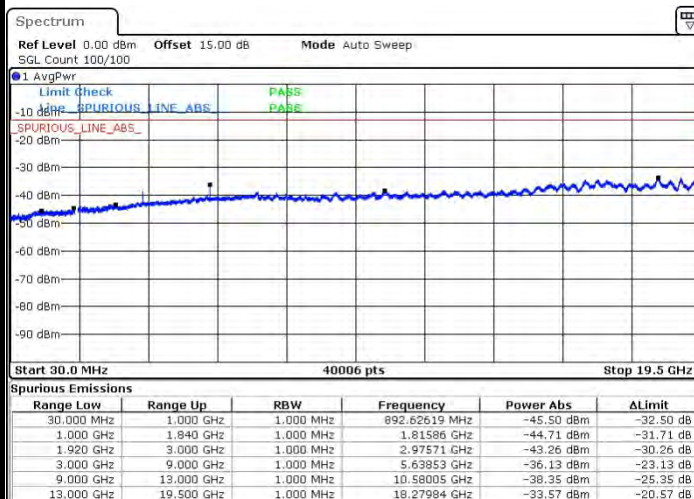
Date: 3.JUL.2015 09:21:52

Lowest Channel / 16QAM



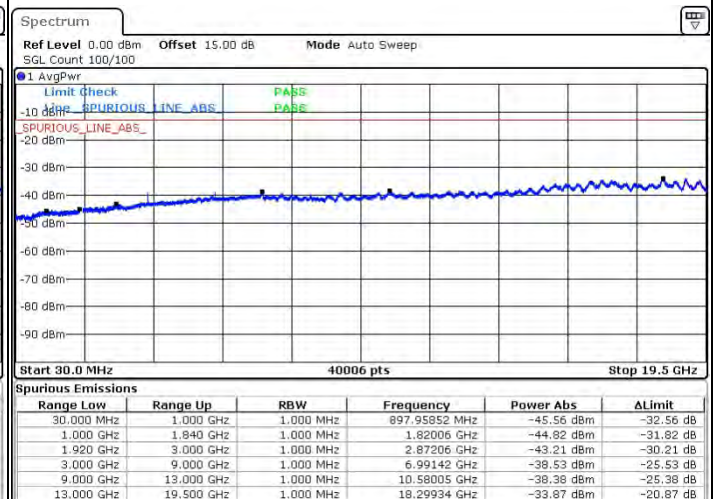
Date: 3.JUL.2015 09:23:05

Middle Channel / QPSK



Date: 3.JUL.2015 09:25:05

Middle Channel / 16QAM

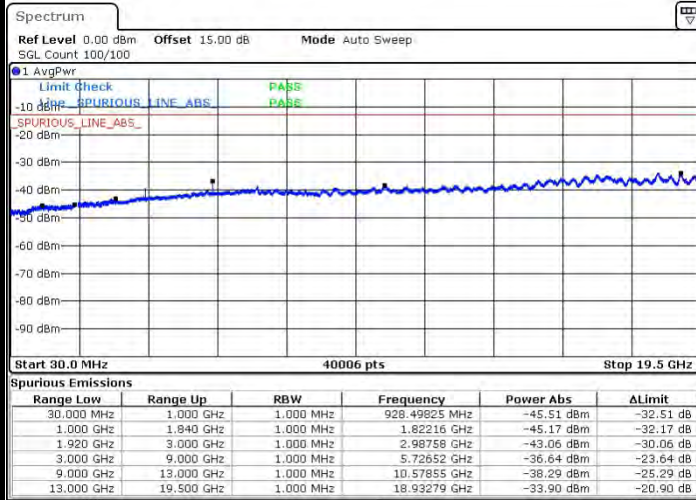


Date: 3.JUL.2015 09:26:18



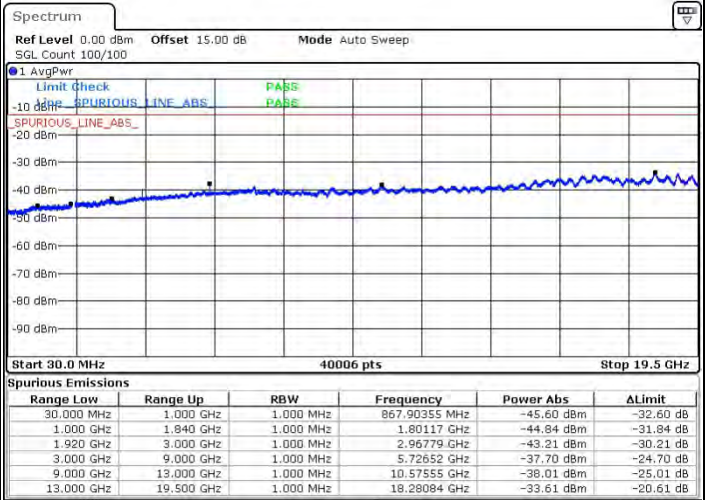
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 3.JUL.2015 09:33:01

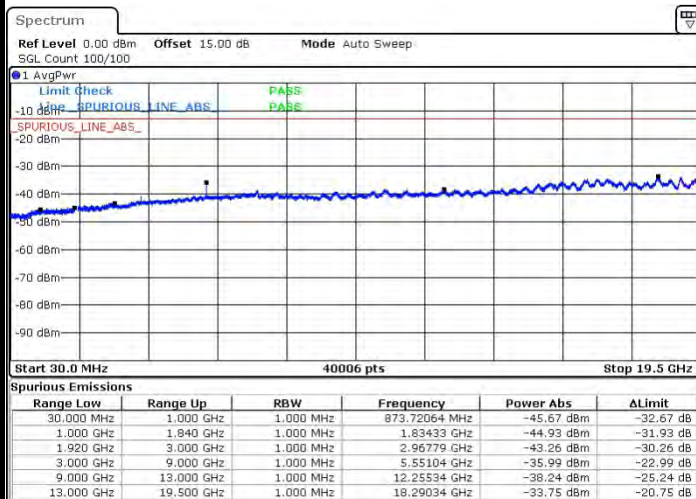
Highest Channel / 16QAM



Date: 3.JUL.2015 09:34:14

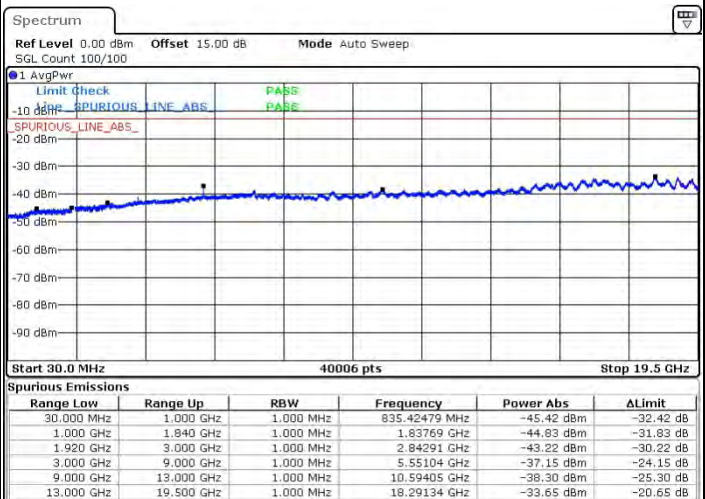
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 3.JUL.2015 09:40:58

Lowest Channel / 16QAM

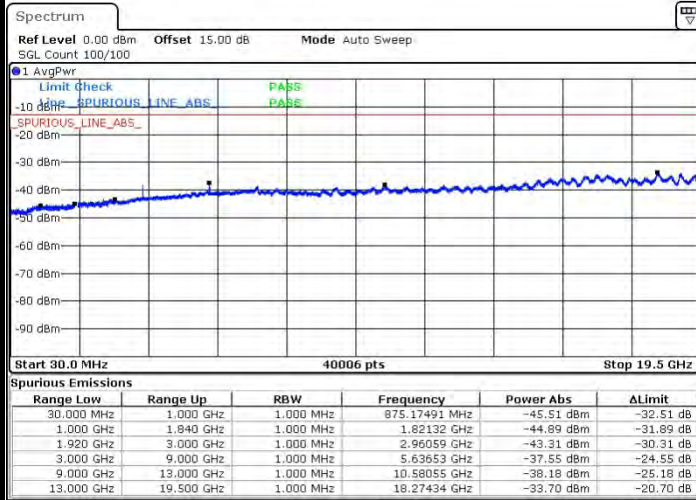


Date: 3.JUL.2015 09:42:11



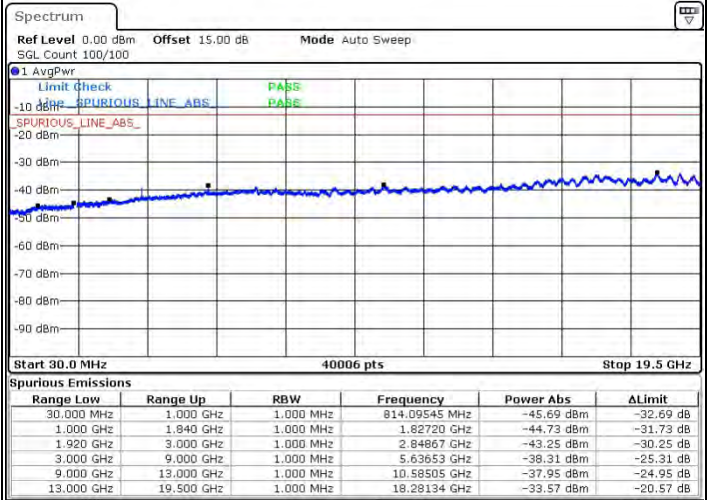
LTE Band 2 / 3MHz

Middle Channel / QPSK



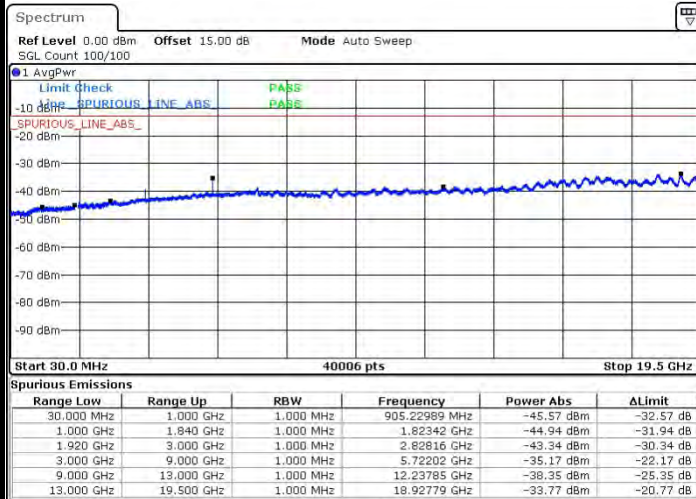
Date: 3.JUL.2015 09:44:11

Middle Channel / 16QAM



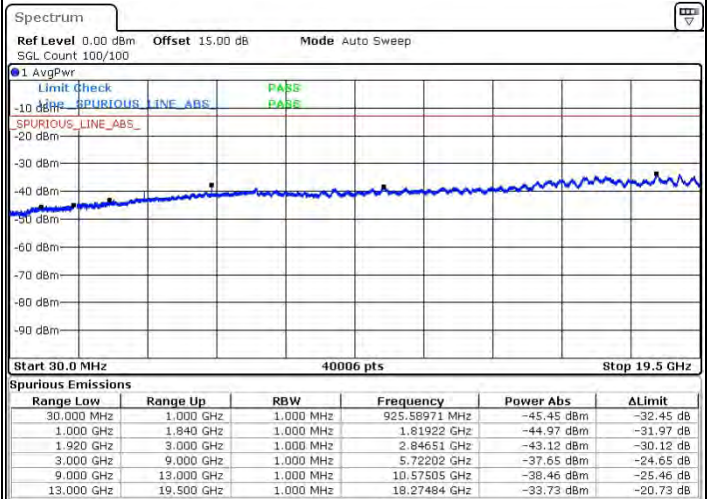
Date: 3.JUL.2015 09:45:24

Highest Channel / QPSK



Date: 3.JUL.2015 09:52:07

Highest Channel / 16QAM

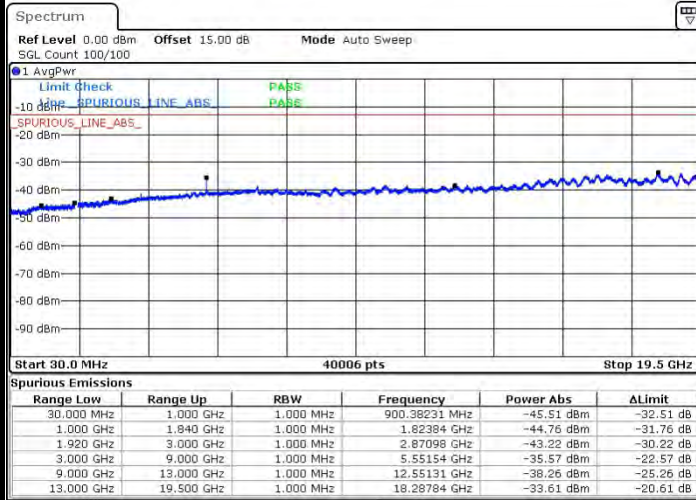


Date: 3.JUL.2015 09:53:20



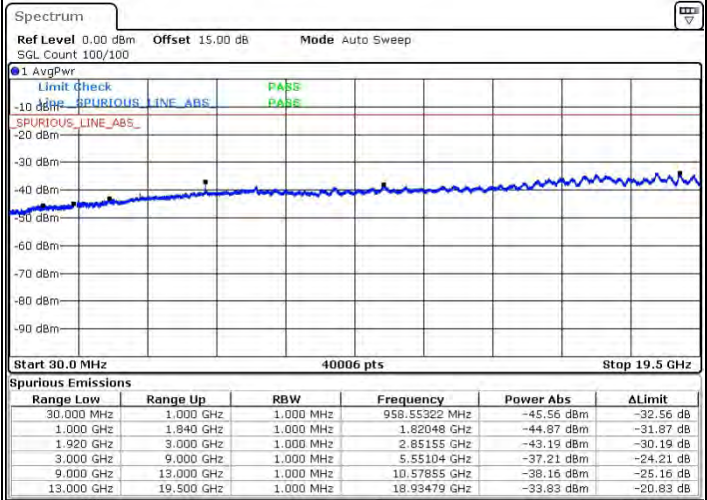
LTE Band 2 / 5MHz

Lowest Channel / QPSK



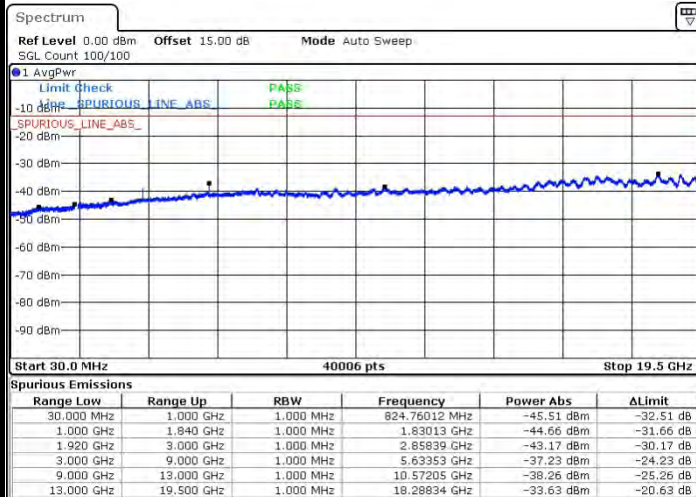
Date: 3.JUL.2015 10:00:04

Lowest Channel / 16QAM



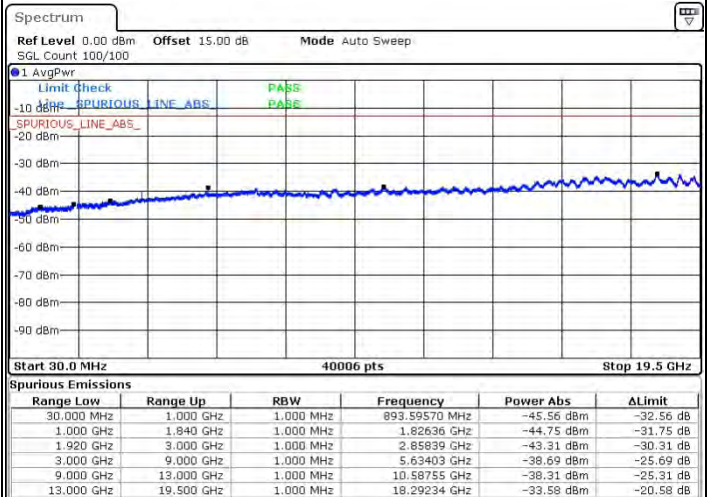
Date: 3.JUL.2015 10:01:17

Middle Channel / QPSK



Date: 3.JUL.2015 10:03:17

Middle Channel / 16QAM

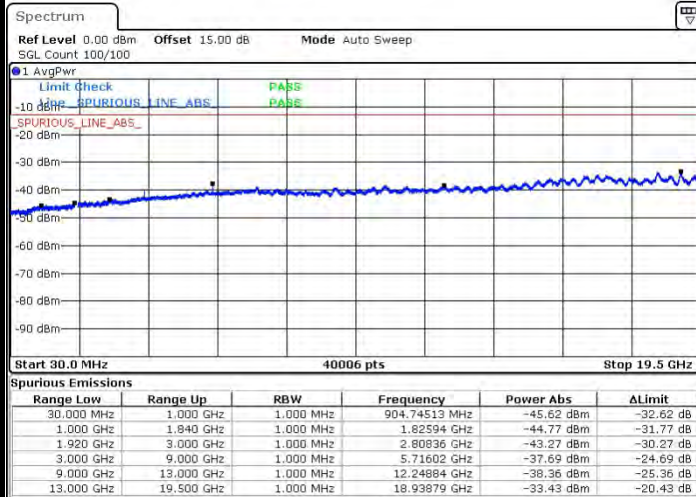


Date: 3.JUL.2015 10:04:50



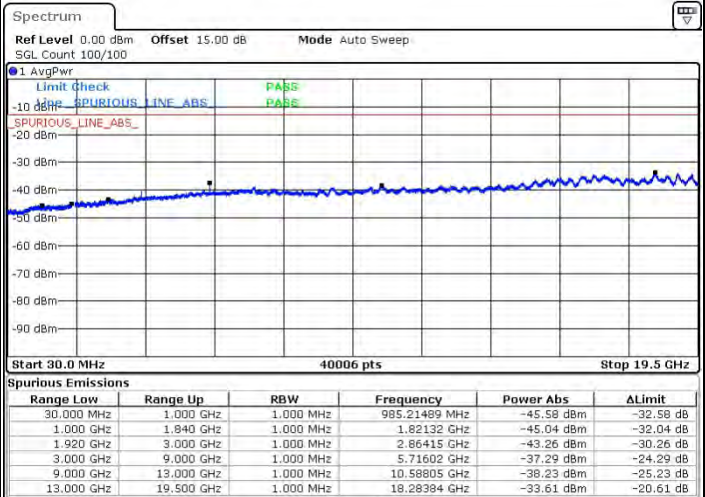
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 3.JUL.2015 10:11:12

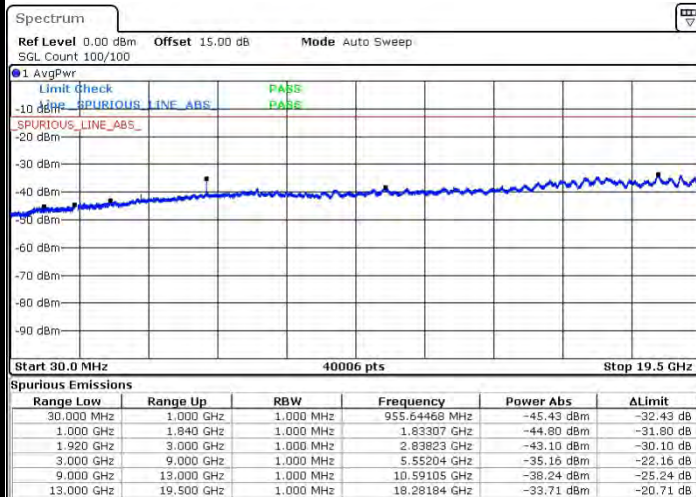
Highest Channel / 16QAM



Date: 3.JUL.2015 10:12:25

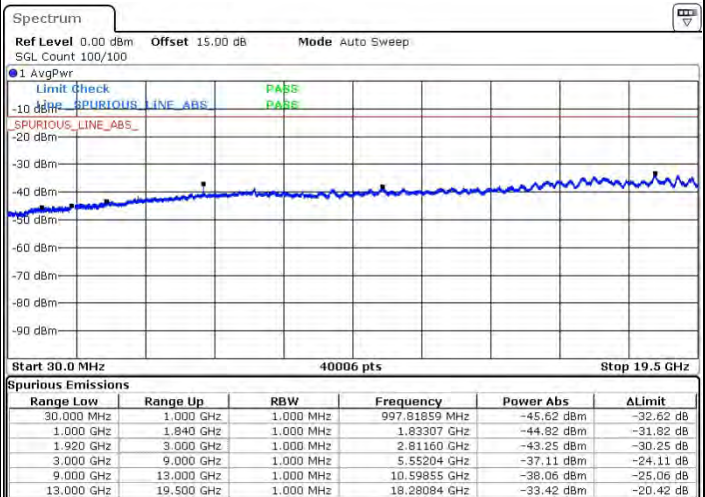
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 3.JUL.2015 10:13:07

Lowest Channel / 16QAM

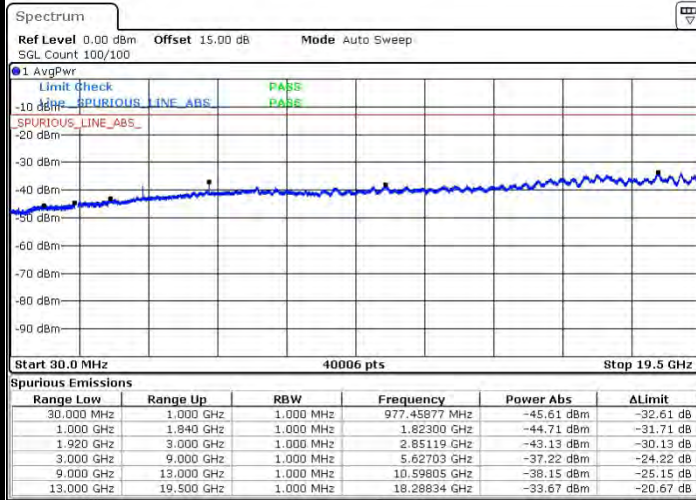


Date: 3.JUL.2015 10:20:20



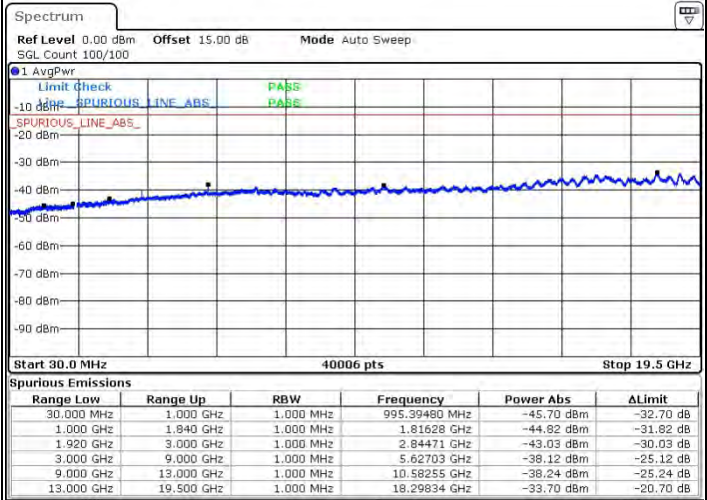
LTE Band 2 / 10MHz

Middle Channel / QPSK



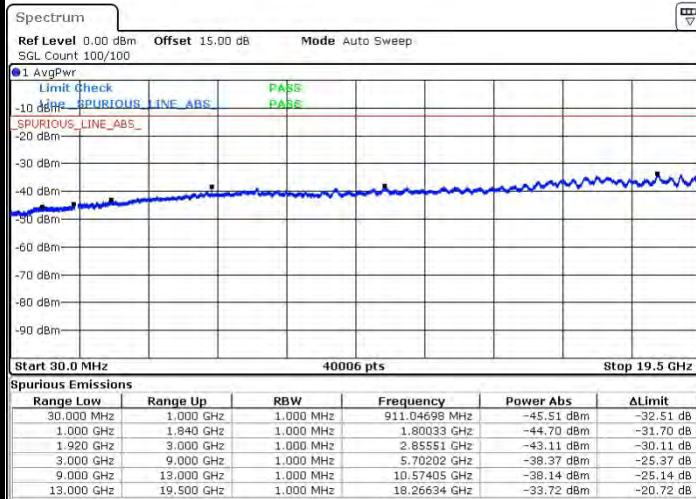
Date: 3.JUL.2015 10:22:29

Middle Channel / 16QAM



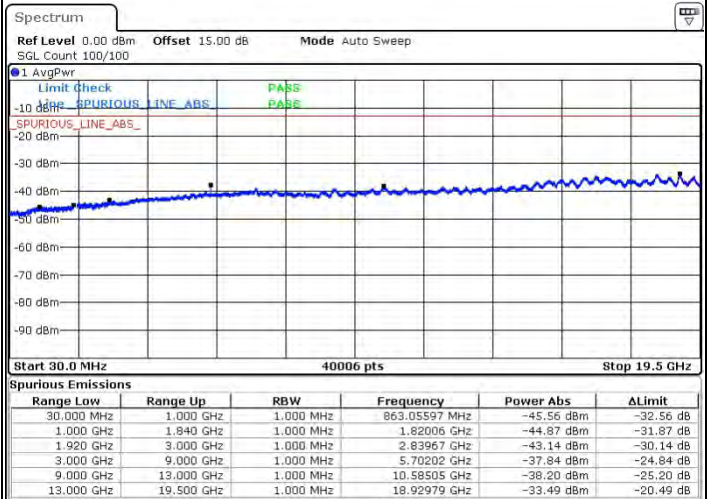
Date: 3.JUL.2015 10:23:33

Highest Channel / QPSK



Date: 3.JUL.2015 10:30:16

Highest Channel / 16QAM

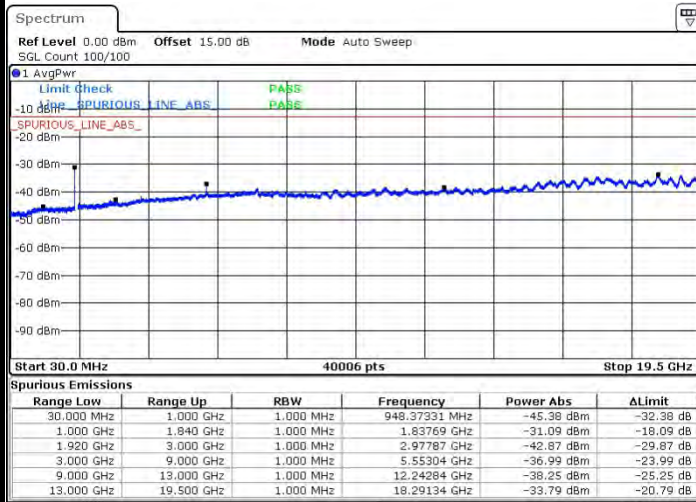


Date: 3.JUL.2015 10:31:29



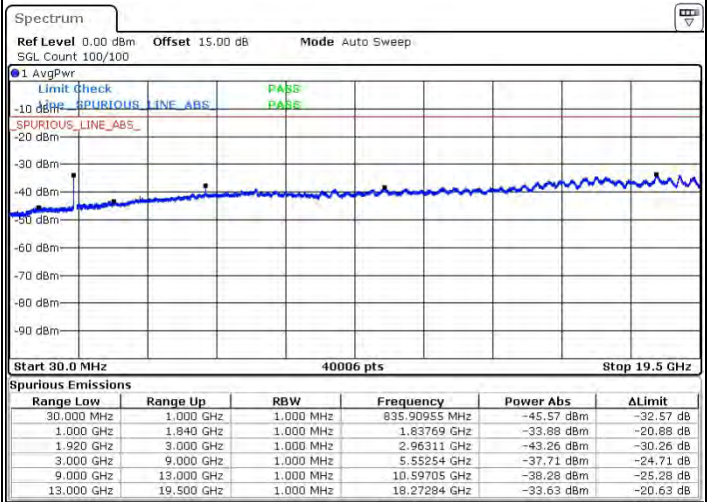
LTE Band 2 / 15MHz

Lowest Channel / QPSK



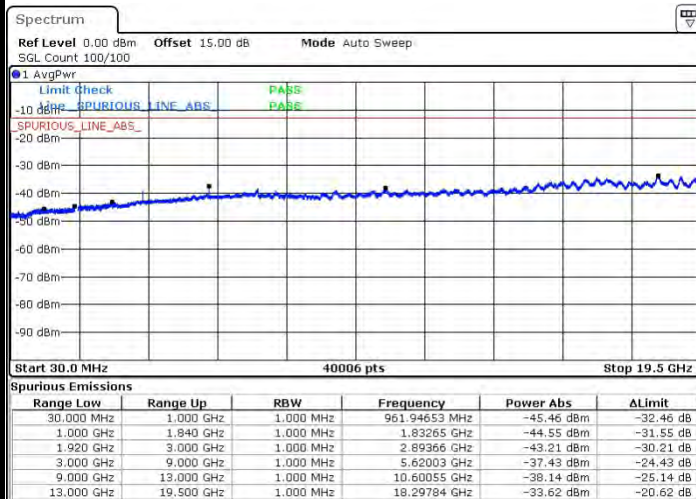
Date: 3.JUL.2015 10:39:11

Lowest Channel / 16QAM



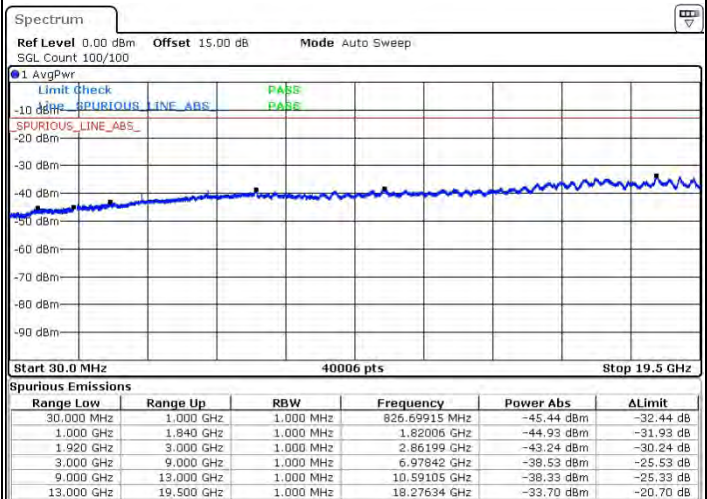
Date: 3.JUL.2015 10:39:24

Middle Channel / QPSK



Date: 3.JUL.2015 10:41:24

Middle Channel / 16QAM

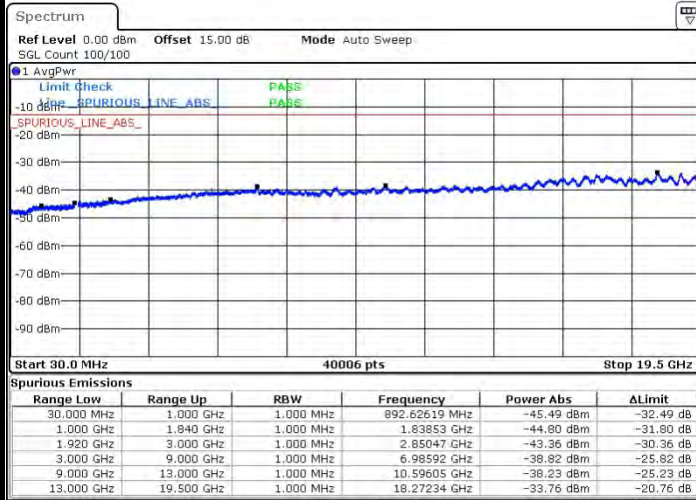


Date: 3.JUL.2015 10:42:37



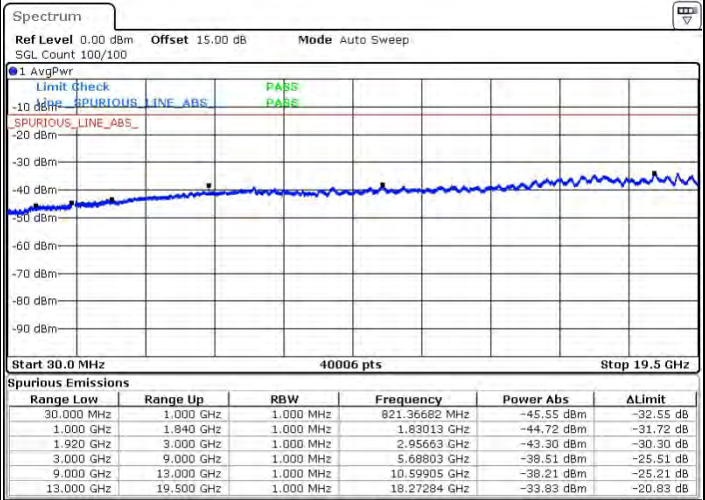
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 3.JUL.2015 10:49:19

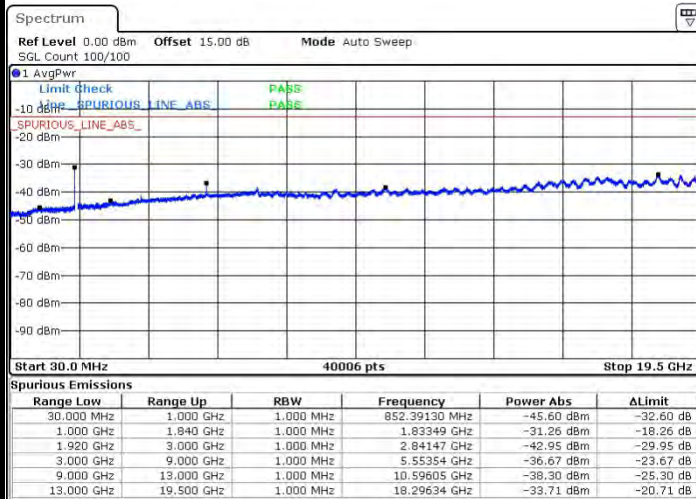
Highest Channel / 16QAM



Date: 3.JUL.2015 10:50:32

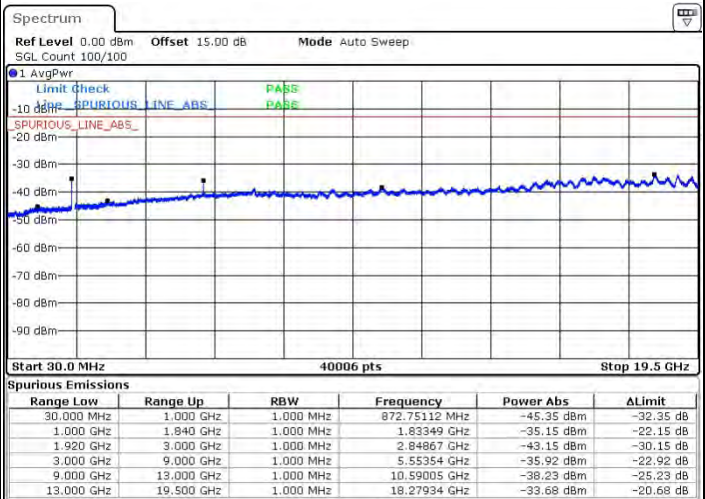
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 3.JUL.2015 10:57:14

Lowest Channel / 16QAM

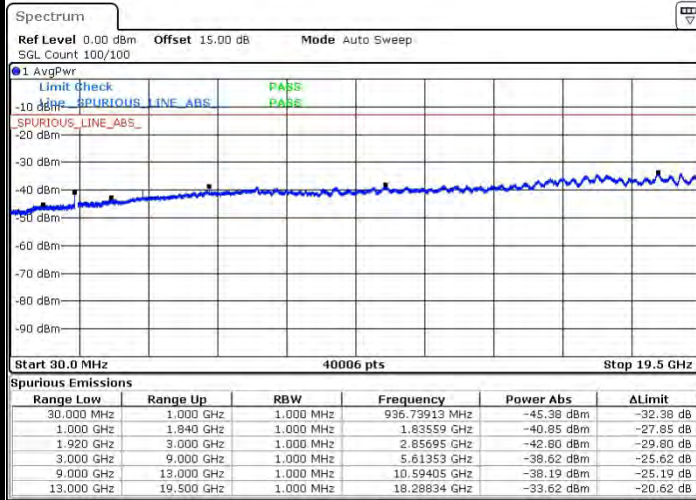


Date: 3.JUL.2015 10:58:27



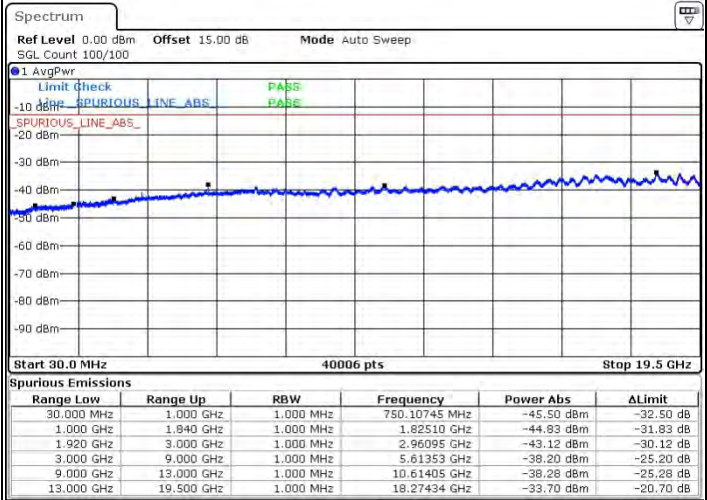
LTE Band 2 / 20MHz

Middle Channel / QPSK



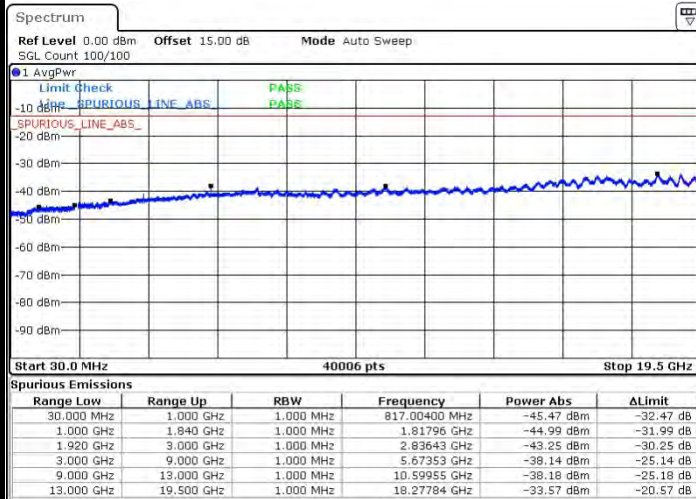
Date: 3.JUL.2015 11:00:28

Middle Channel / 16QAM



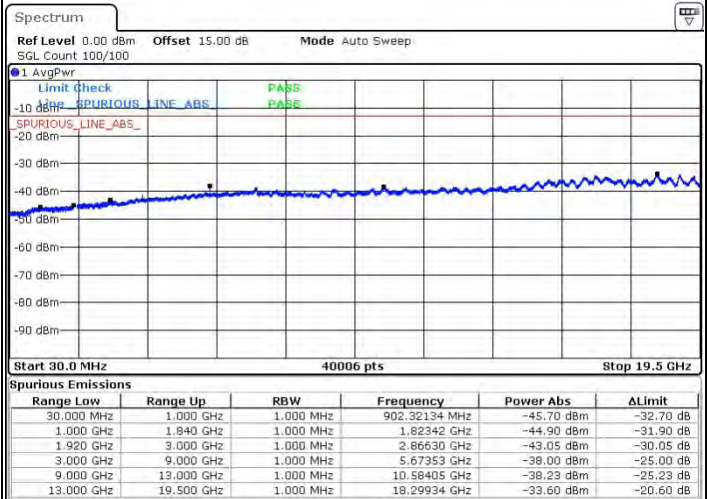
Date: 3.JUL.2015 11:01:40

Highest Channel / QPSK



Date: 3.JUL.2015 11:08:22

Highest Channel / 16QAM



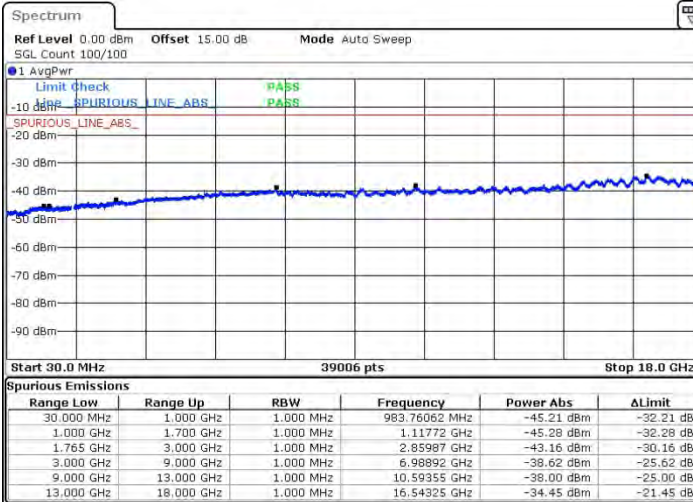
Date: 3.JUL.2015 11:09:33



LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



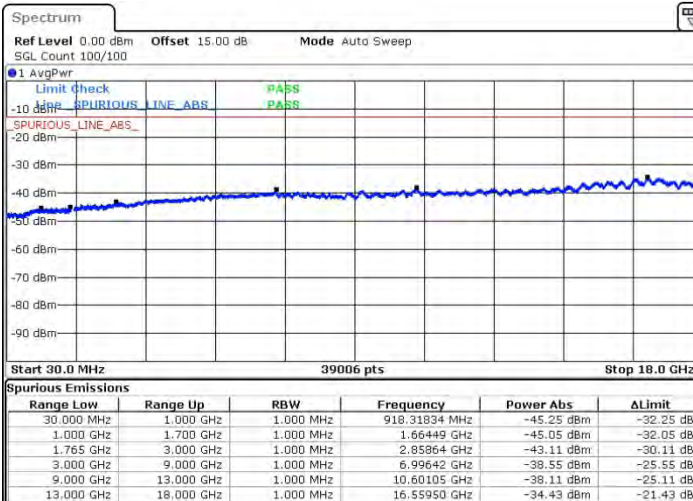
Date: 3.JUL.2015 14:20:50



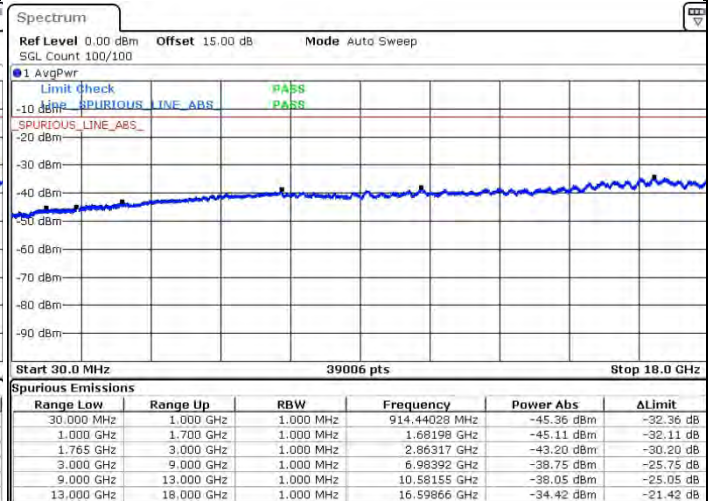
Date: 3.JUL.2015 14:22:03

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.JUL.2015 14:24:03



Date: 3.JUL.2015 14:25:16



LTE Band 4 / 1.4MHz

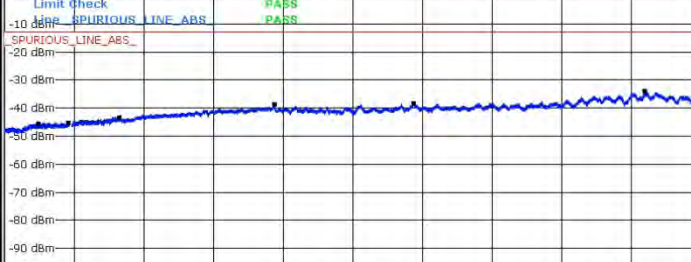
Highest Channel / QPSK

Highest Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep
SQL Count 100/100

1 AvgPwr



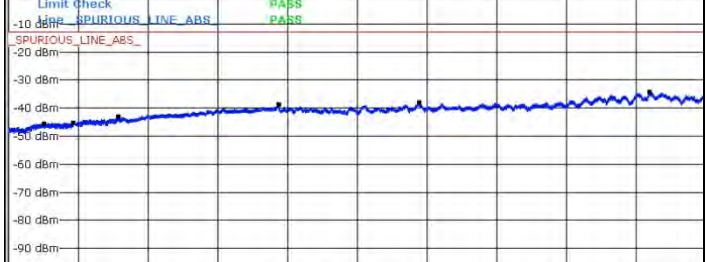
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.04998 MHz	-45.51 dBm	-32.51 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67604 GHz	-45.27 dBm	-32.27 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99115 GHz	-43.30 dBm	-30.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-38.71 dBm	-25.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58905 GHz	-38.25 dBm	-25.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55075 GHz	-34.05 dBm	-21.05 dB

Date: 3.JUL.2015 14:31:58

Spectrum

Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep
SQL Count 100/100

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-45.46 dBm	-32.46 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69993 GHz	-45.25 dBm	-32.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85987 GHz	-43.17 dBm	-30.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98042 GHz	-38.58 dBm	-25.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59605 GHz	-38.19 dBm	-25.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54450 GHz	-34.38 dBm	-21.38 dB

Date: 3.JUL.2015 14:33:11

LTE Band 4 / 3MHz

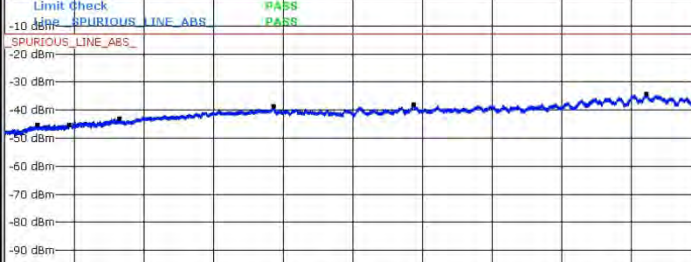
Lowest Channel / QPSK

Lowest Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep
SQL Count 100/100

1 AvgPwr



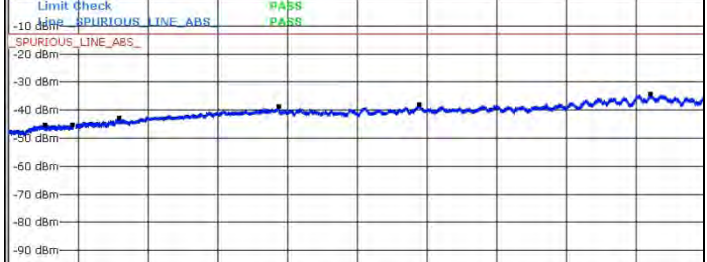
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.72064 MHz	-45.33 dBm	-32.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69528 GHz	-45.24 dBm	-32.24 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.97675 GHz	-43.12 dBm	-30.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97542 GHz	-38.68 dBm	-25.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58405 GHz	-38.03 dBm	-25.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.58949 GHz	-34.28 dBm	-21.28 dB

Date: 3.JUL.2015 14:39:54

Spectrum

Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep
SQL Count 100/100

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-45.43 dBm	-32.43 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65715 GHz	-45.22 dBm	-32.22 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.86522 GHz	-42.91 dBm	-29.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98792 GHz	-38.69 dBm	-25.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60655 GHz	-38.10 dBm	-25.10 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56616 GHz	-34.40 dBm	-21.40 dB

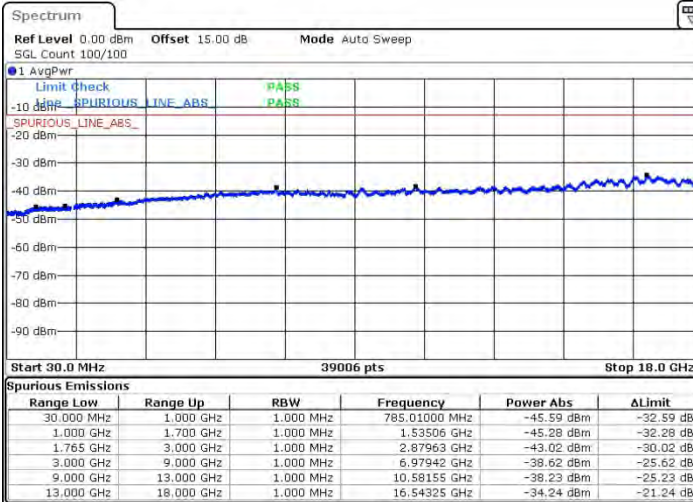
Date: 3.JUL.2015 14:41:06



LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



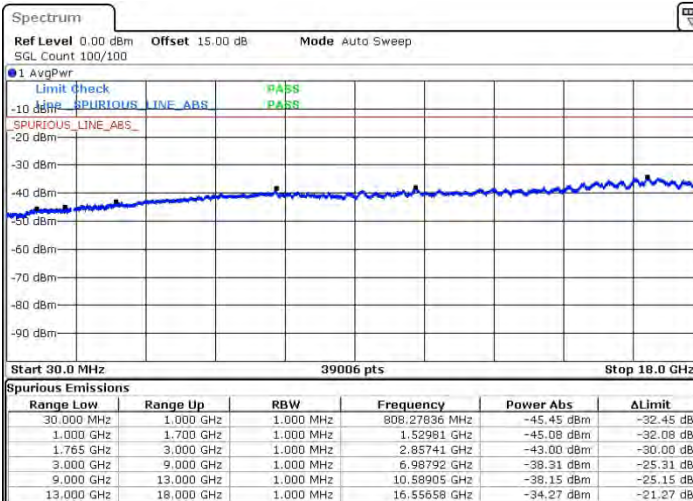
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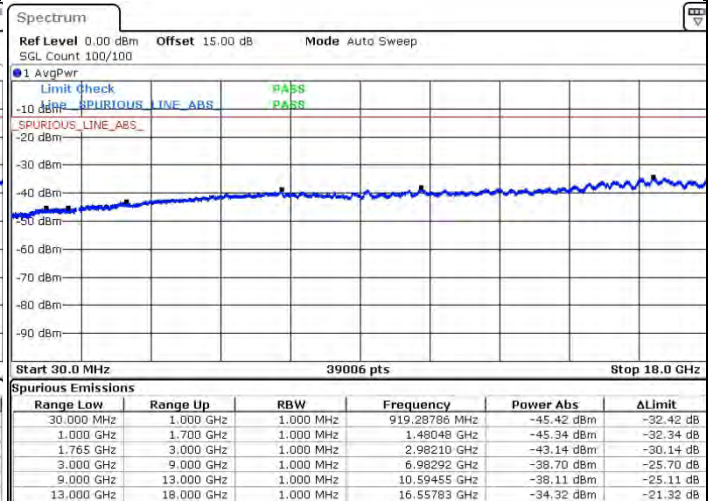
Date: 3.JUL.2015 14:44:19

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.JUL.2015 14:51:01



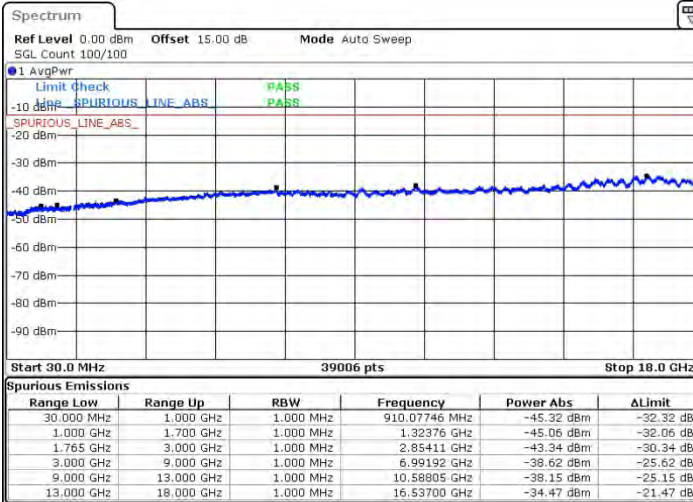
Date: 3.JUL.2015 14:52:14



LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



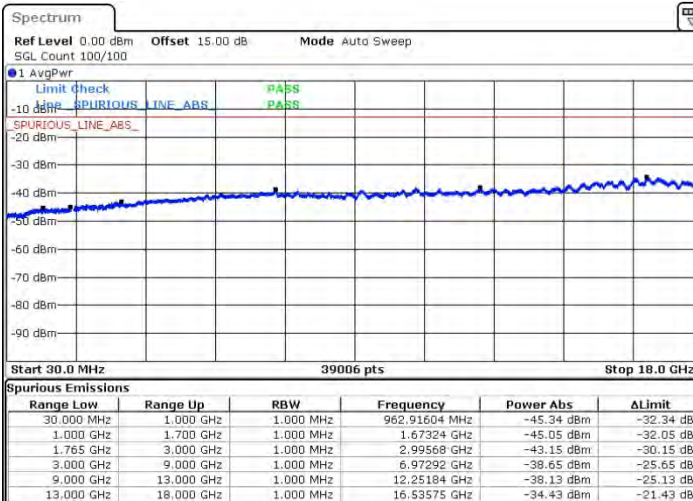
Date: 3.JUL.2015 14:58:56



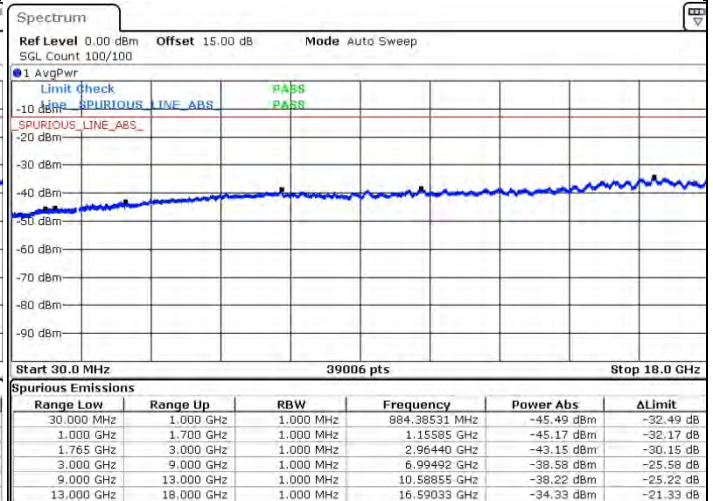
Date: 3.JUL.2015 15:00:09

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.JUL.2015 15:02:09



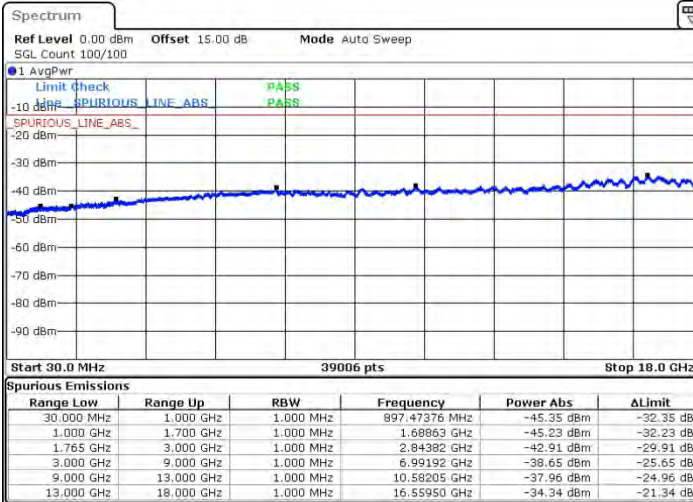
Date: 3.JUL.2015 15:03:21



LTE Band 4 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.JUL.2015 15:10:03

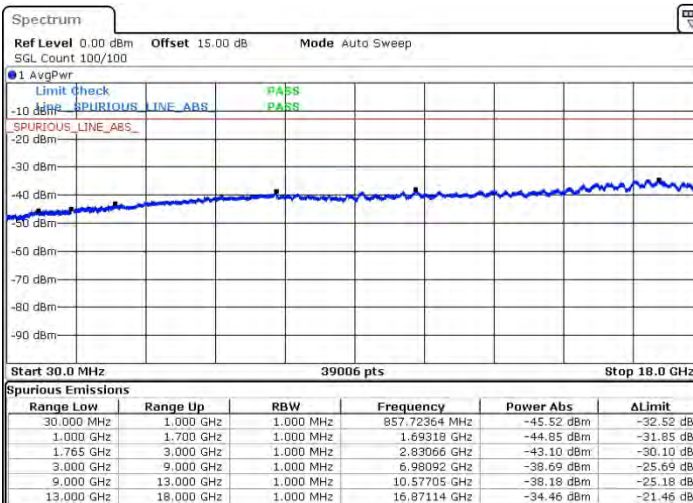


Date: 3.JUL.2015 15:11:16

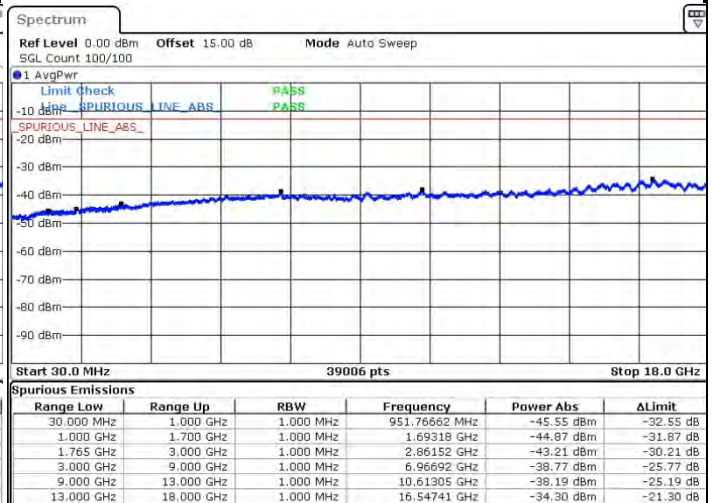
LTE Band 4 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 3.JUL.2015 15:17:57



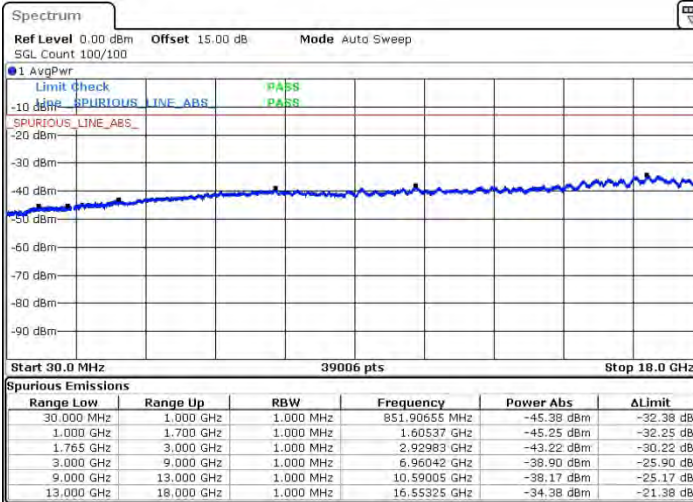
Date: 3.JUL.2015 15:19:09



LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



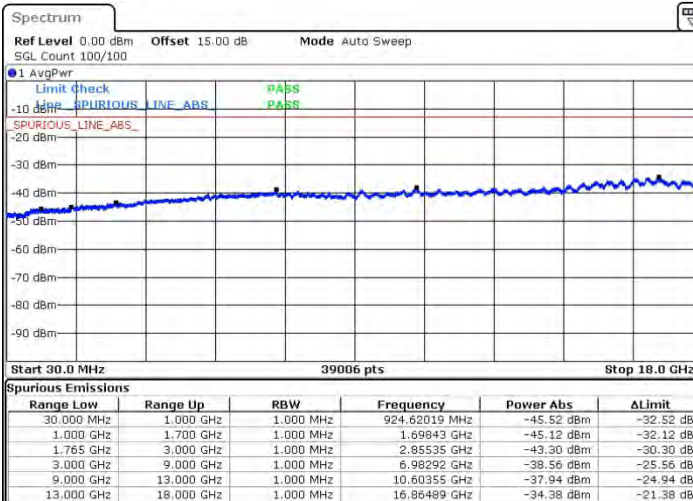
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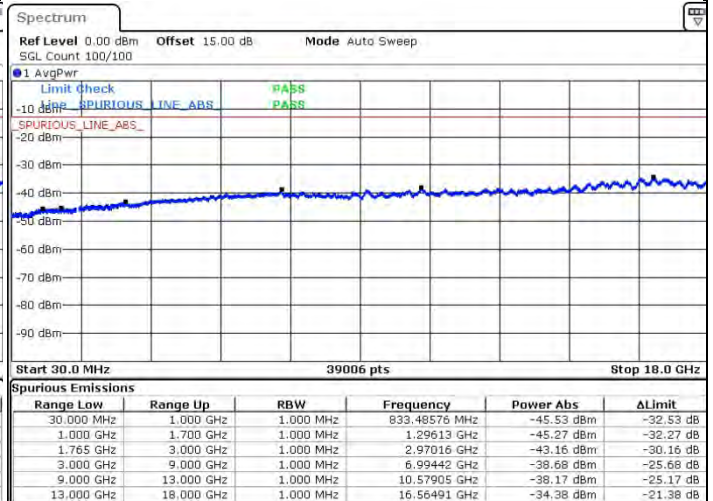
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Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.JUL.2015 15:29:02



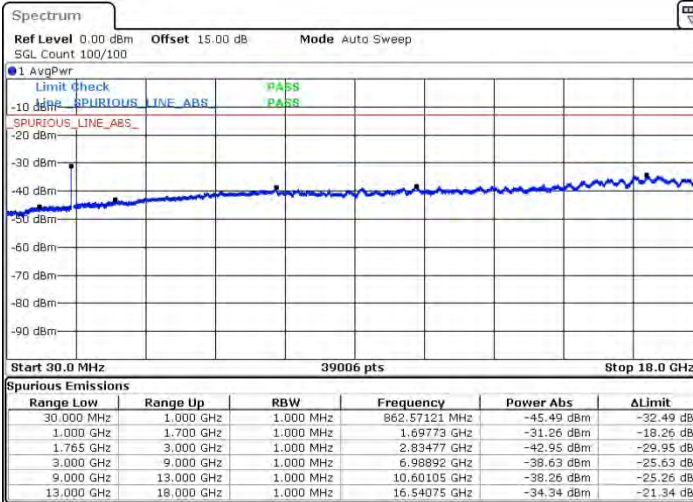
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LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



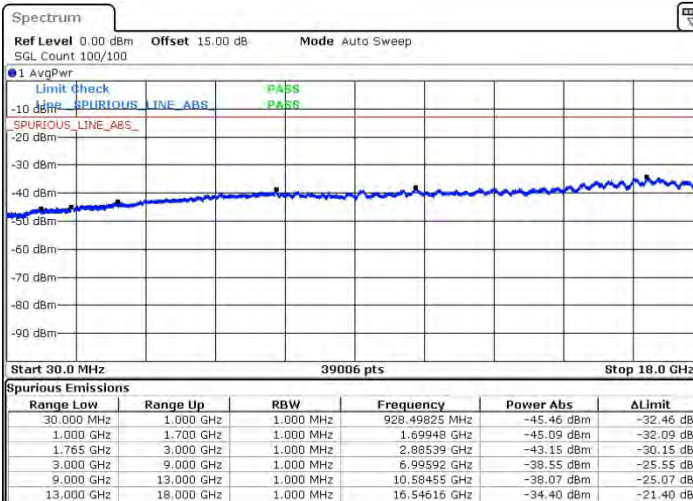
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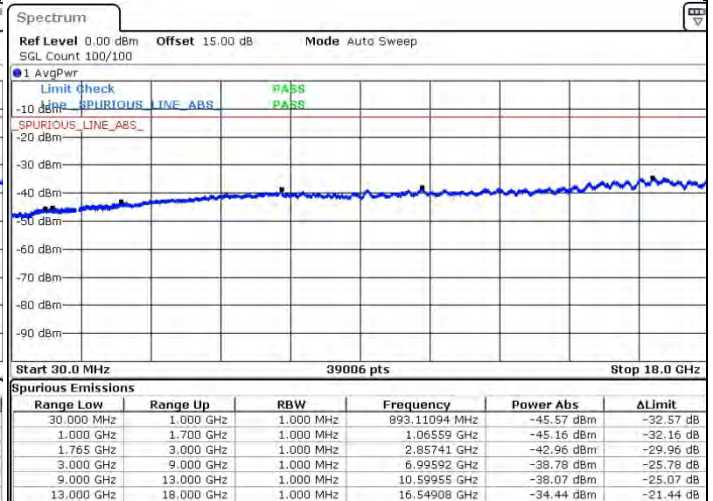
Date: 3.JUL.2015 15:38:18

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.JUL.2015 15:40:18



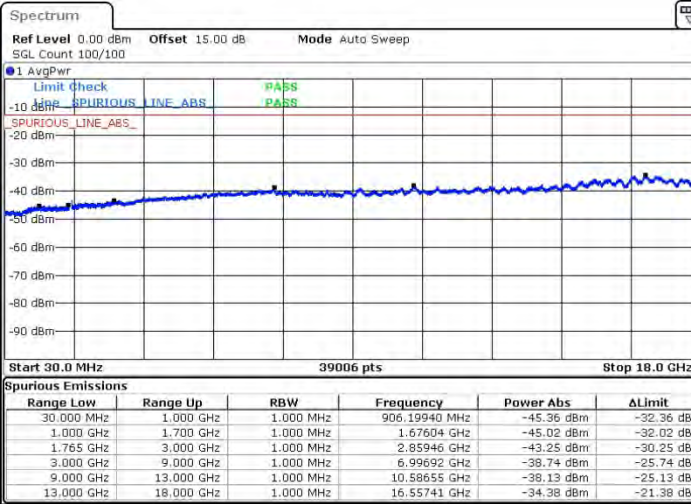
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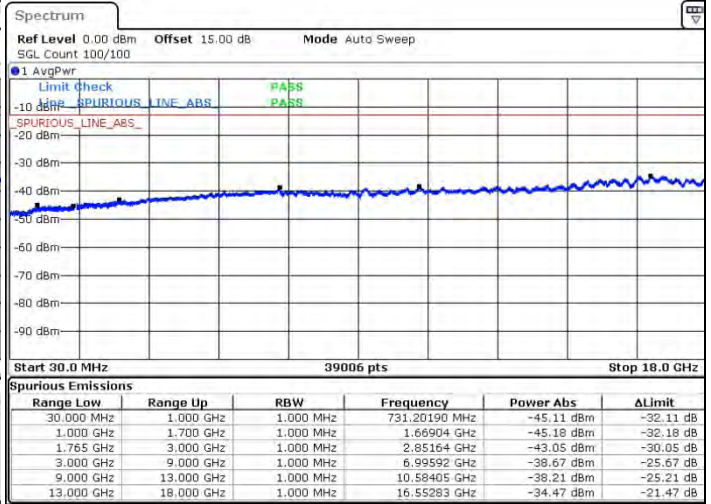
LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.JUL.2015 15:48:11

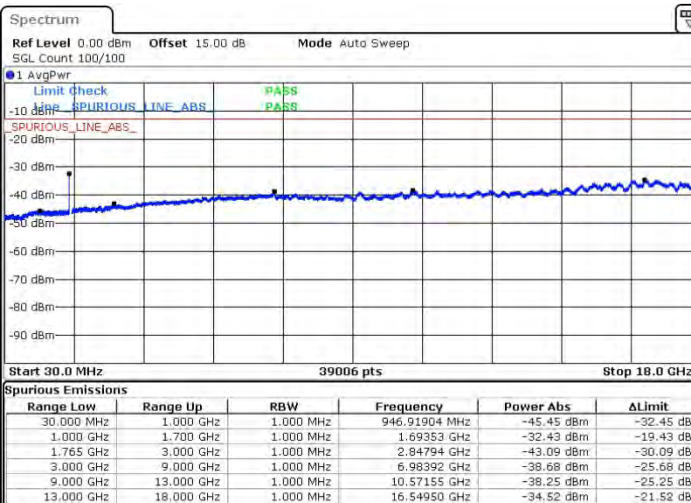


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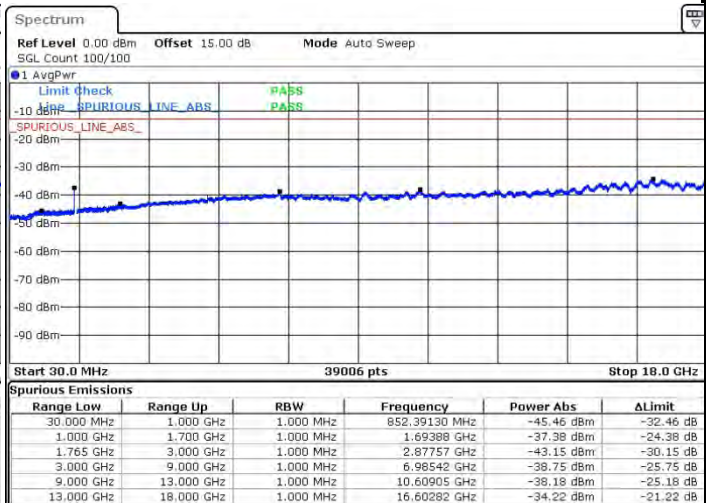
LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 3.JUL.2015 15:56:03



Date: 3.JUL.2015 15:57:19



LTE Band 4 / 20MHz

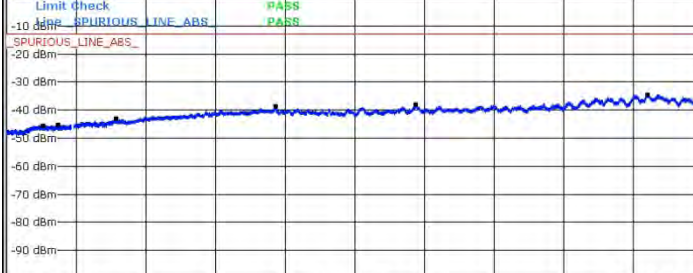
Middle Channel / QPSK

Middle Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep
SQL Count 100/100

1 AvgPwr



Start 30.0 MHz 39006 pts Stop 18.0 GHz

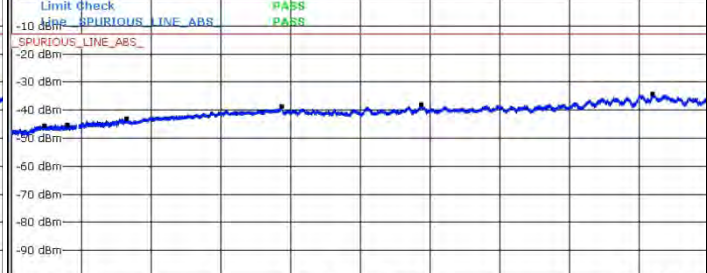
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.88556 MHz	-45.48 dBm	-32.48 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.34790 GHz	-45.32 dBm	-32.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.85494 GHz	-43.16 dBm	-30.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97542 GHz	-38.62 dBm	-25.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58555 GHz	-37.98 dBm	-24.98 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.56824 GHz	-34.48 dBm	-21.48 dB

Spectrum

Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep
SQL Count 100/100

1 AvgPwr



Start 30.0 MHz 39006 pts Stop 18.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.56822 MHz	-45.58 dBm	-32.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.46964 GHz	-45.31 dBm	-32.31 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99733 GHz	-43.12 dBm	-30.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98192 GHz	-38.74 dBm	-25.74 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59505 GHz	-38.08 dBm	-25.08 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.55200 GHz	-34.31 dBm	-21.31 dB

Date: 3.JUL.2015 15:59:19

Date: 3.JUL.2015 16:00:31

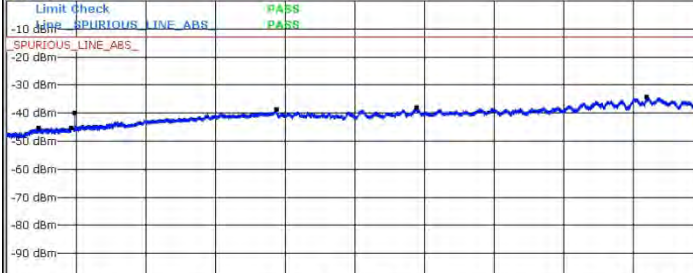
Highest Channel / QPSK

Highest Channel / 16QAM

Spectrum

Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep
SQL Count 100/100

1 AvgPwr



Start 30.0 MHz 39006 pts Stop 18.0 GHz

Spurious Emissions

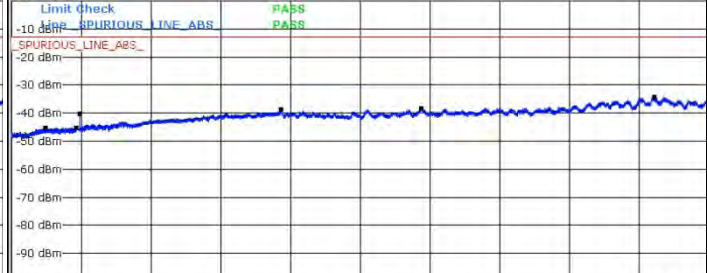
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	842.21139 MHz	-45.40 dBm	-32.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69458 GHz	-45.28 dBm	-32.28 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-40.09 dBm	-27.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-38.54 dBm	-25.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60605 GHz	-38.04 dBm	-25.04 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.54741 GHz	-34.39 dBm	-21.39 dB

Date: 3.JUL.2015 16:07:11

Spectrum

Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep
SQL Count 100/100

1 AvgPwr



Start 30.0 MHz 39006 pts Stop 18.0 GHz

Spurious Emissions

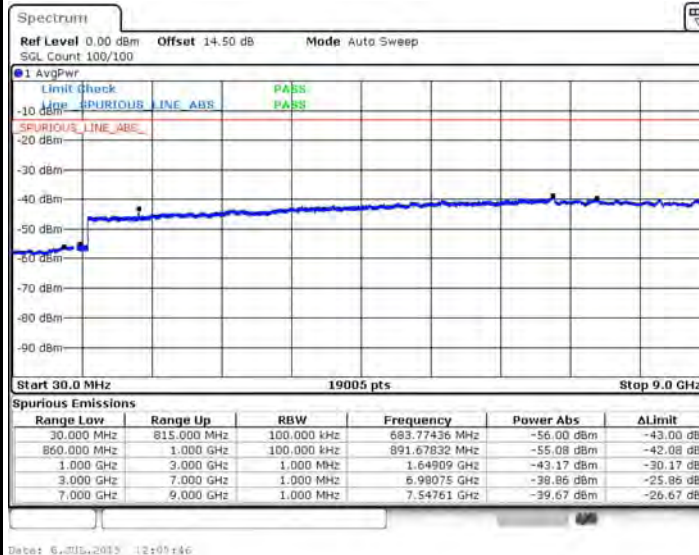
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	903.29085 MHz	-45.41 dBm	-32.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69073 GHz	-45.18 dBm	-32.18 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-40.11 dBm	-27.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97542 GHz	-38.80 dBm	-25.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58855 GHz	-38.24 dBm	-25.24 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.59908 GHz	-34.12 dBm	-21.12 dB

Date: 3.JUL.2015 16:08:24

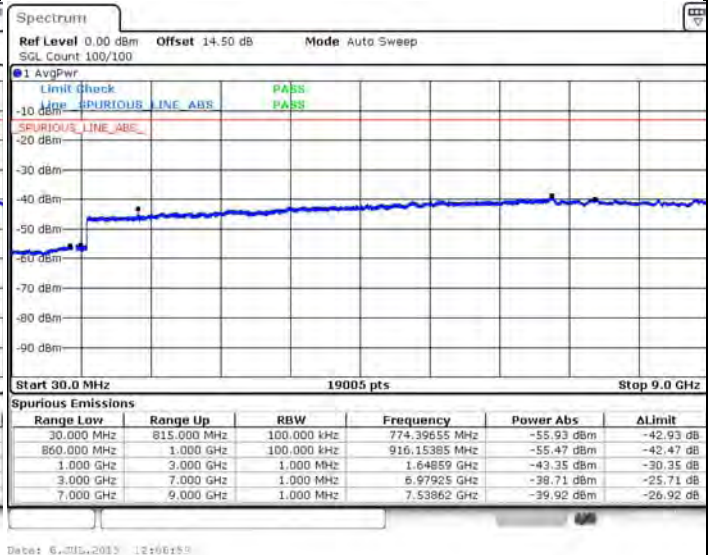


LTE Band 5 / 1.4MHz

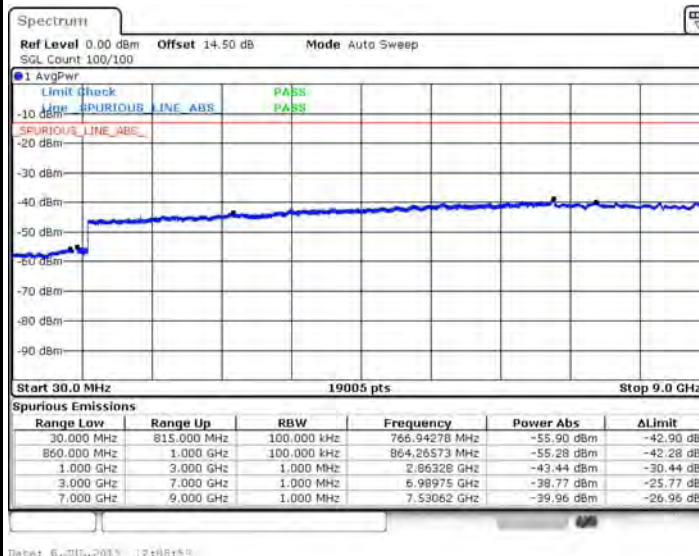
Lowest Channel / QPSK



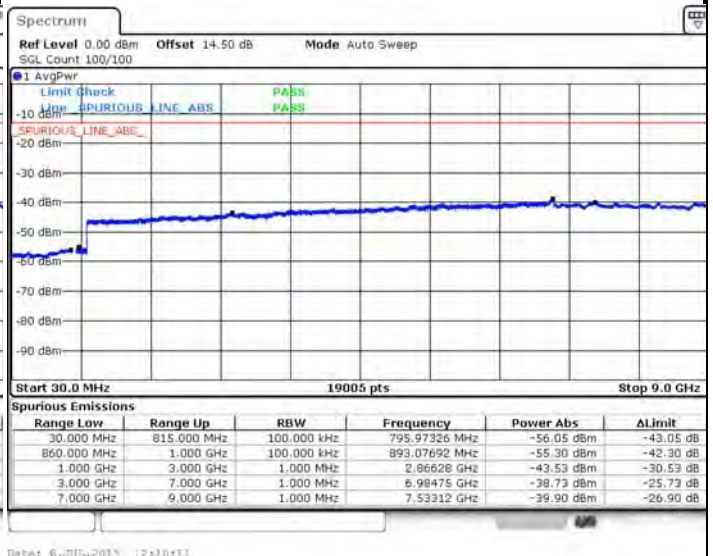
Lowest Channel / 16QAM



Middle Channel / QPSK



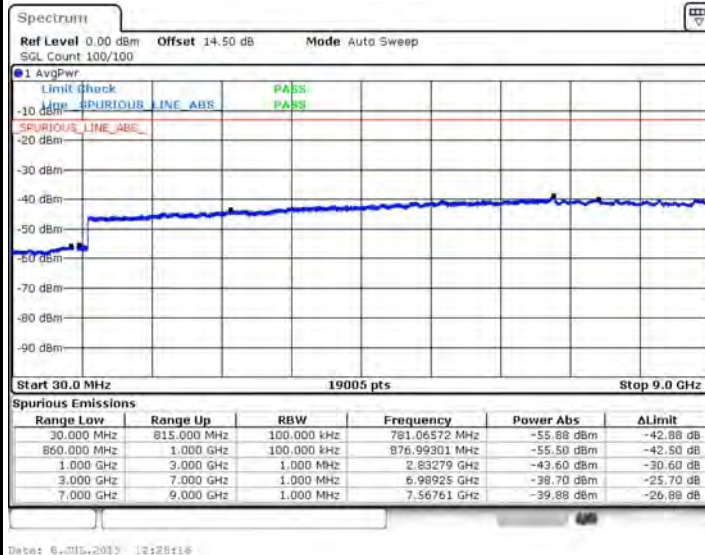
Middle Channel / 16QAM



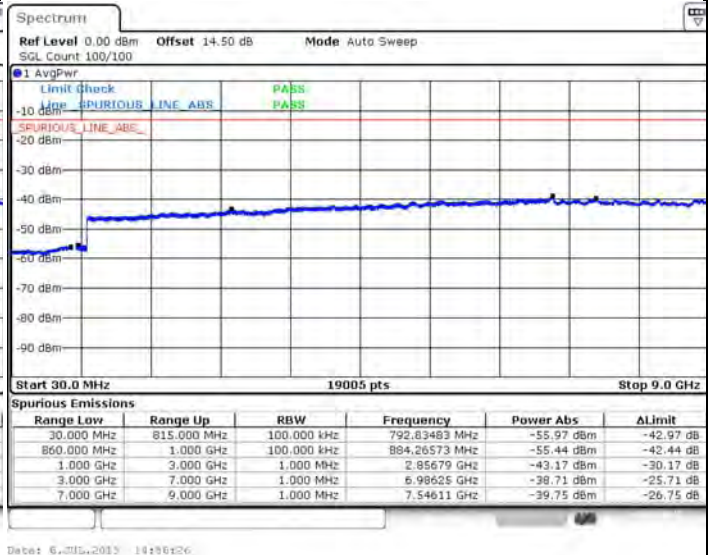


LTE Band 5 / 1.4MHz

Highest Channel / QPSK

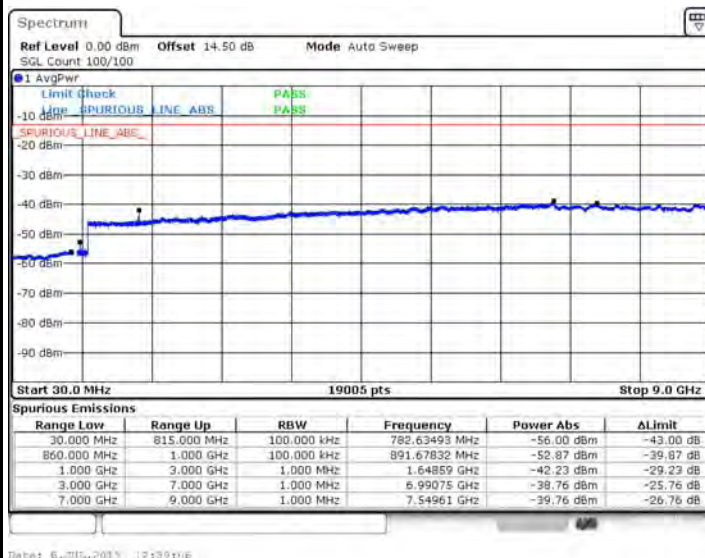


Highest Channel / 16QAM

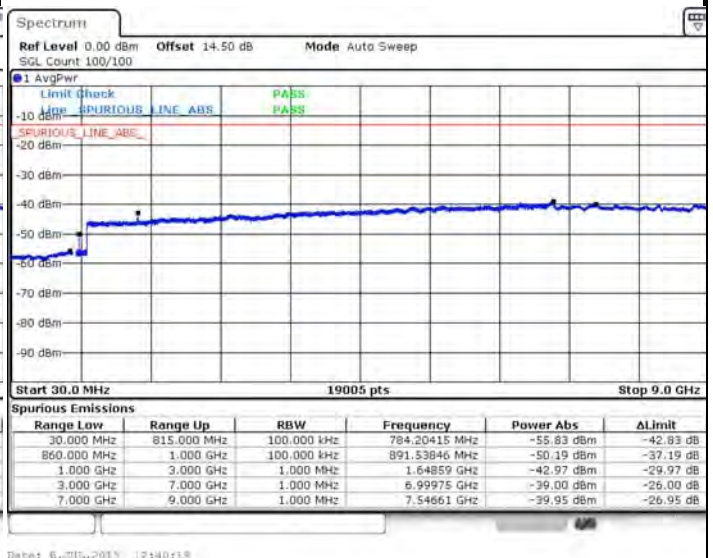


LTE Band 5 / 3MHz

Lowest Channel / QPSK



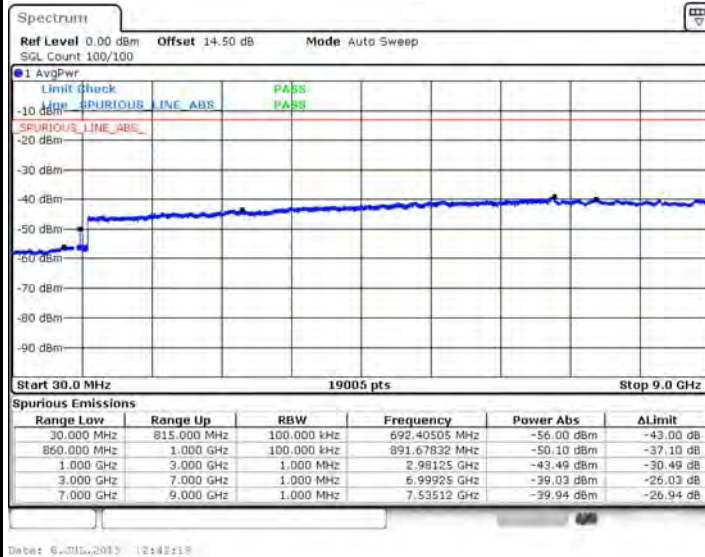
Lowest Channel / 16QAM



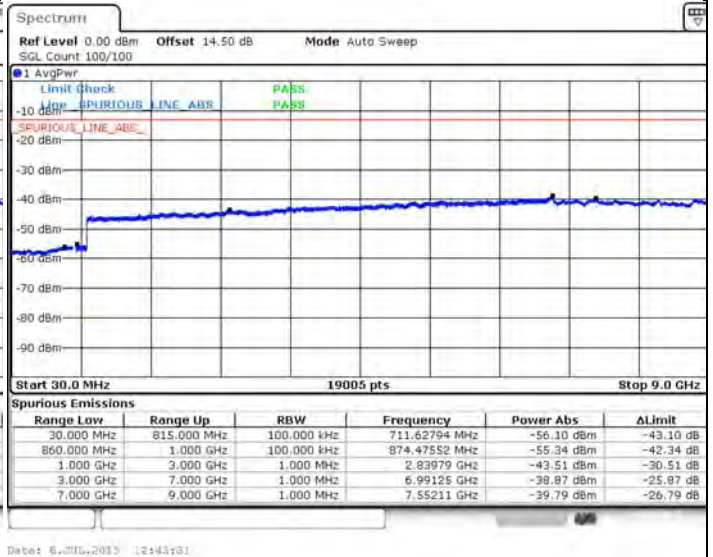


LTE Band 5 / 3MHz

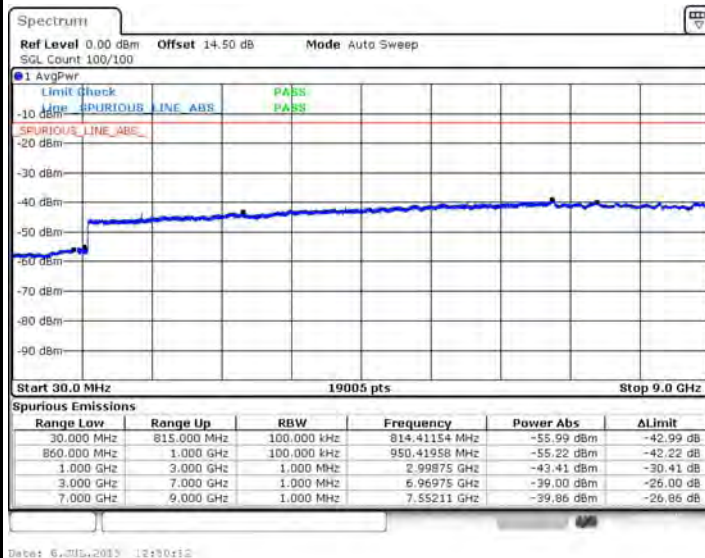
Middle Channel / QPSK



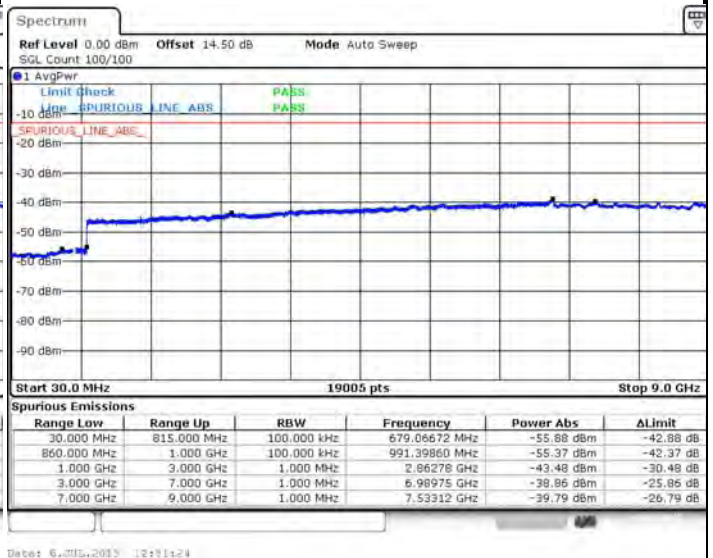
Middle Channel / 16QAM



Highest Channel / QPSK



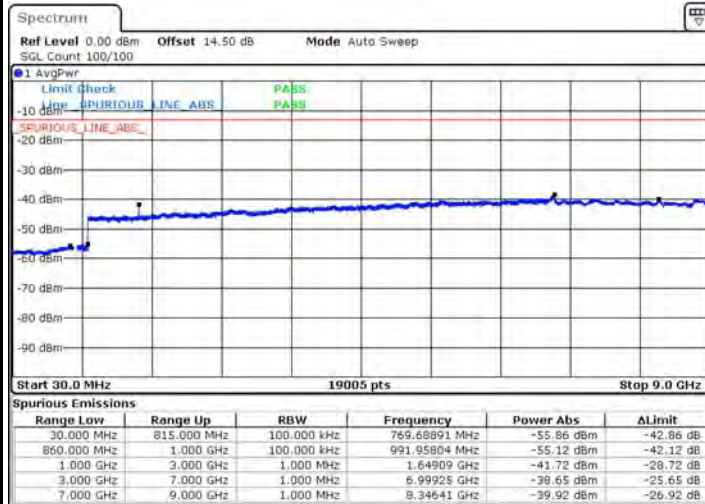
Highest Channel / 16QAM





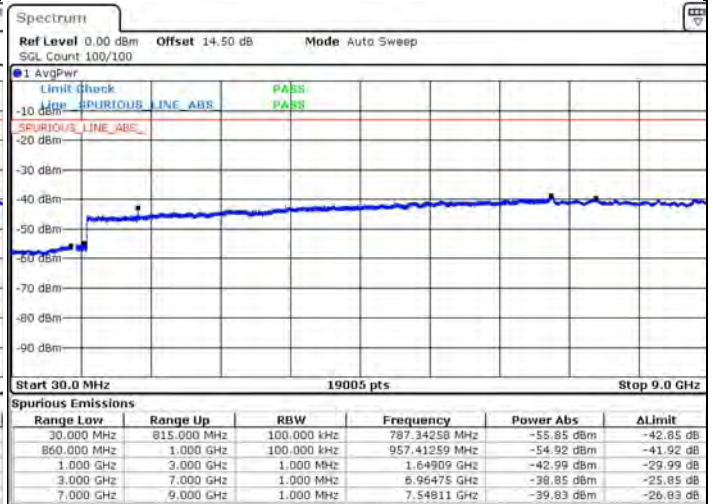
LTE Band 5 / 5MHz

Lowest Channel / QPSK



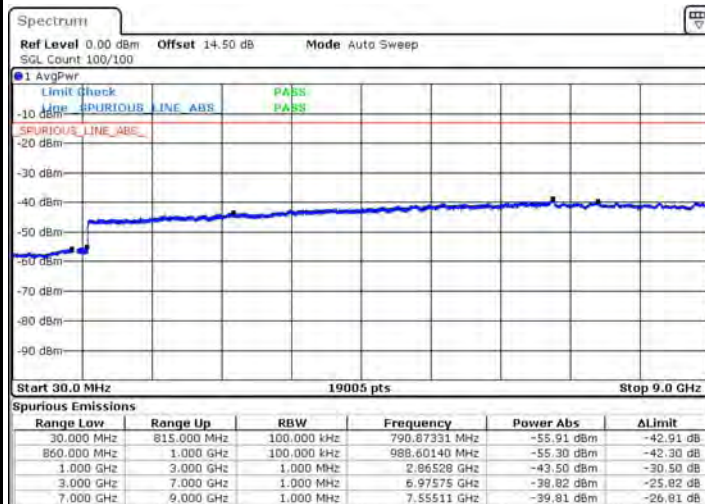
Date: 6.JUL.2015 12:09:06

Lowest Channel / 16QAM



Date: 6.JUL.2015 12:09:18

Middle Channel / QPSK



Date: 6.JUL.2015 13:09:18

Middle Channel / 16QAM

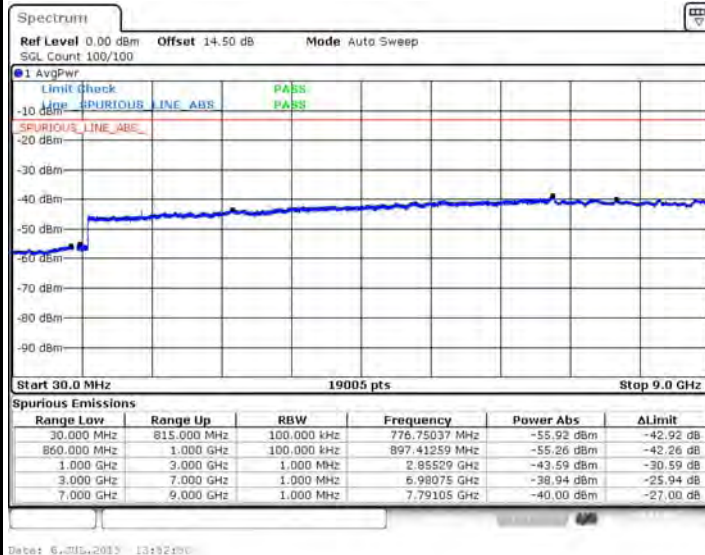


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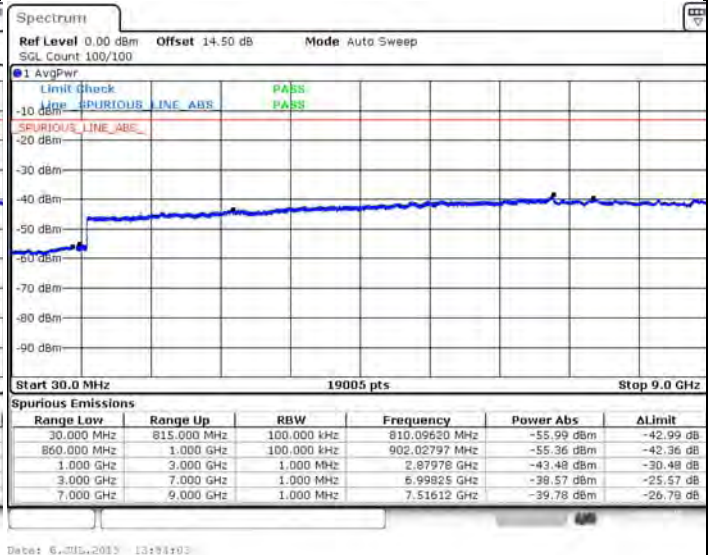


LTE Band 5 / 5MHz

Highest Channel / QPSK

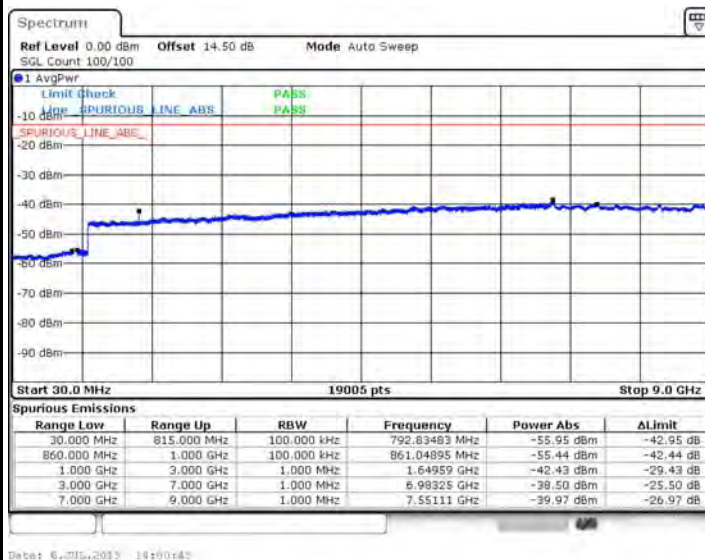


Highest Channel / 16QAM

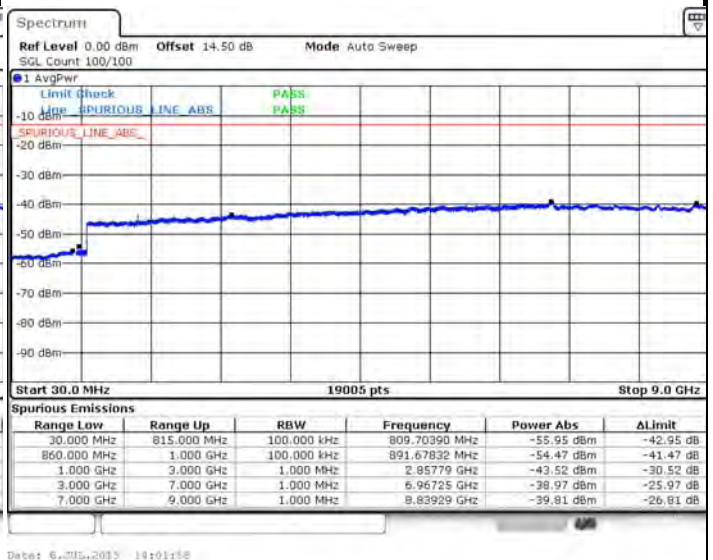


LTE Band 5 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM





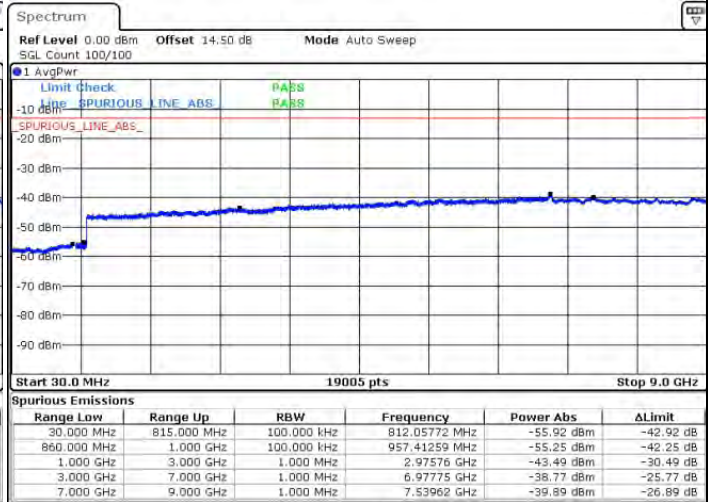
LTE Band 5 / 10MHz

Middle Channel / QPSK



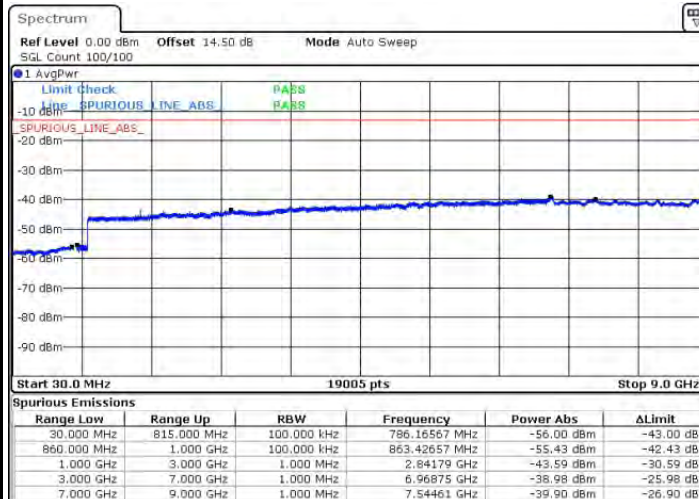
Date: 8/0/6/2015 19:07:19

Middle Channel / 16QAM



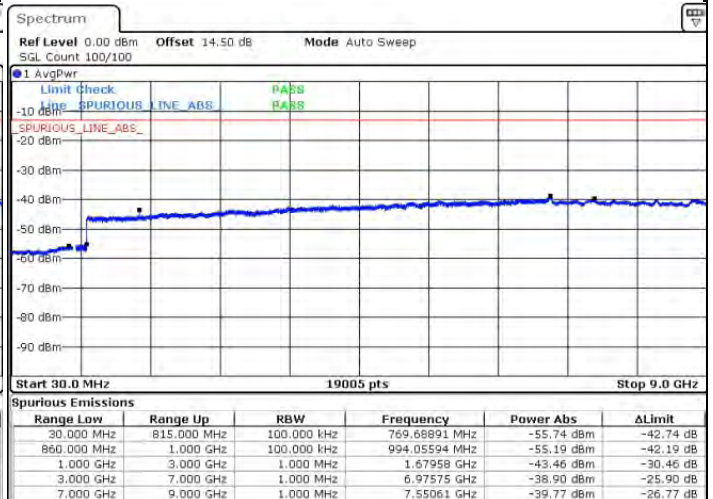
Date: 8/0/6/2015 19:07:19

Highest Channel / QPSK



Date: 8/0/6/2015 19:12:12

Highest Channel / 16QAM



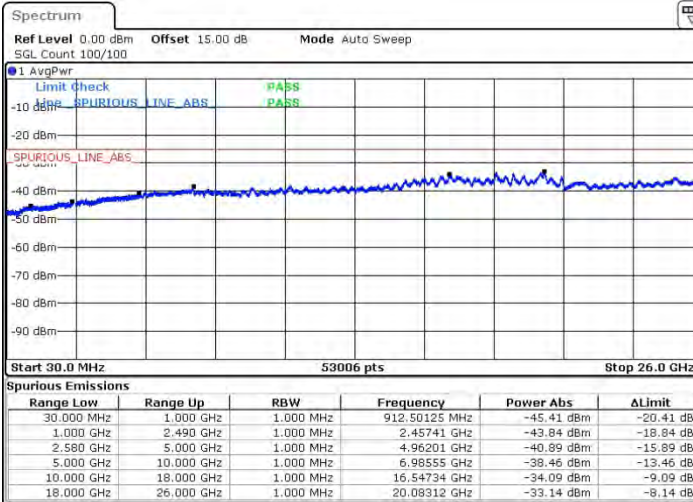
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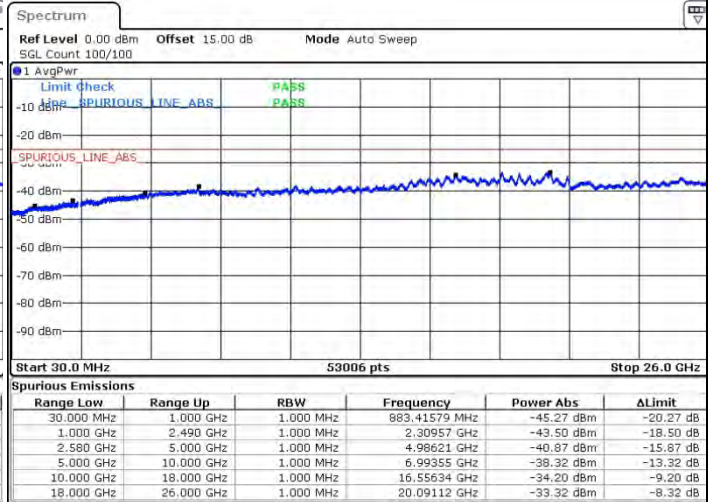
LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



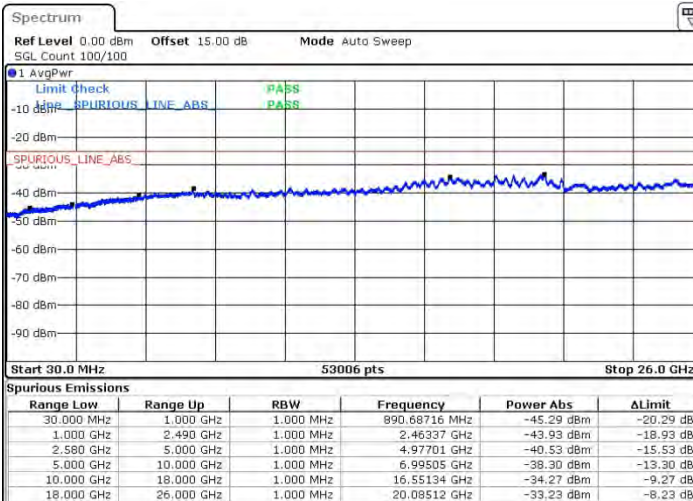
Date: 10.JUL.2015 14:49:58



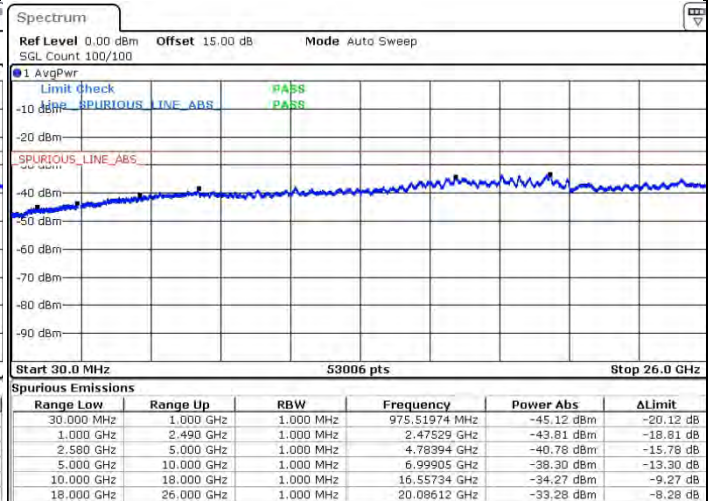
Date: 10.JUL.2015 14:51:08

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 10.JUL.2015 14:53:38



Date: 10.JUL.2015 14:54:47



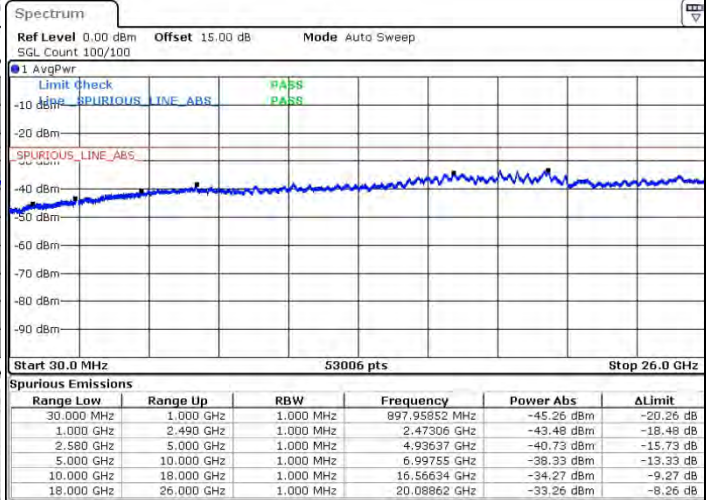
LTE Band 7 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.JUL.2015 14:55:57

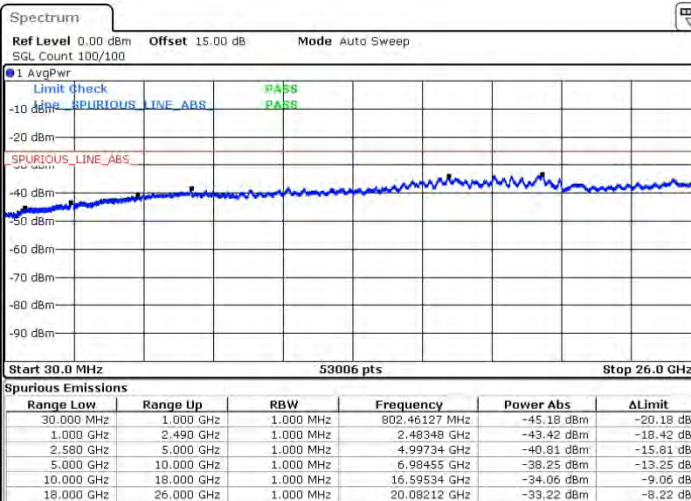


Date: 10.JUL.2015 14:57:06

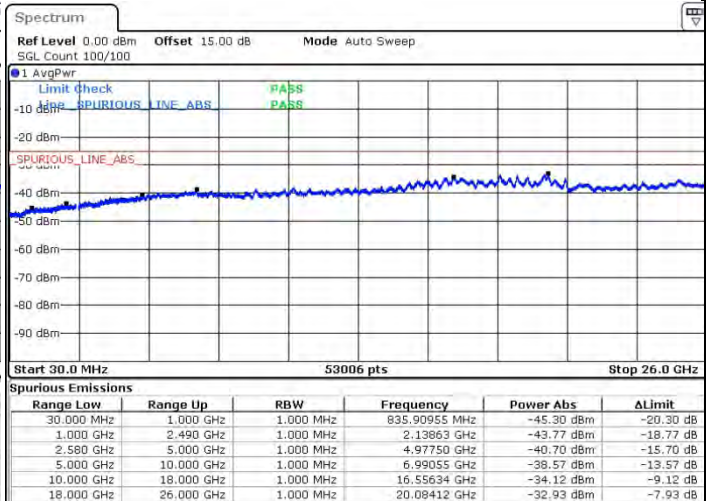
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 10.JUL.2015 14:58:16



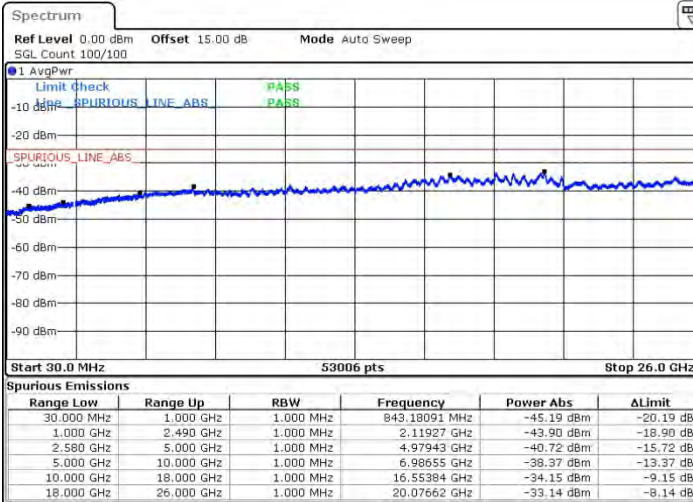
Date: 10.JUL.2015 14:59:32



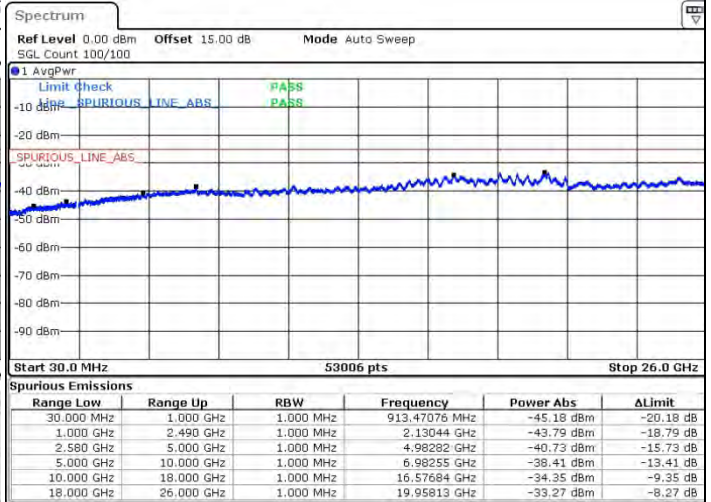
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



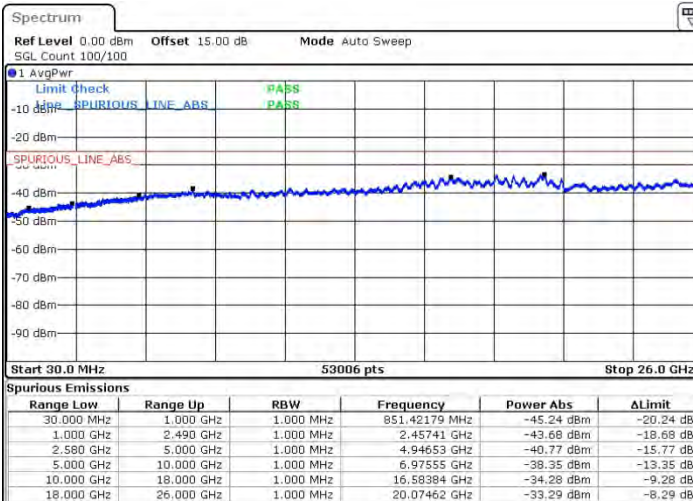
Date: 10.JUL.2015 15:00:41



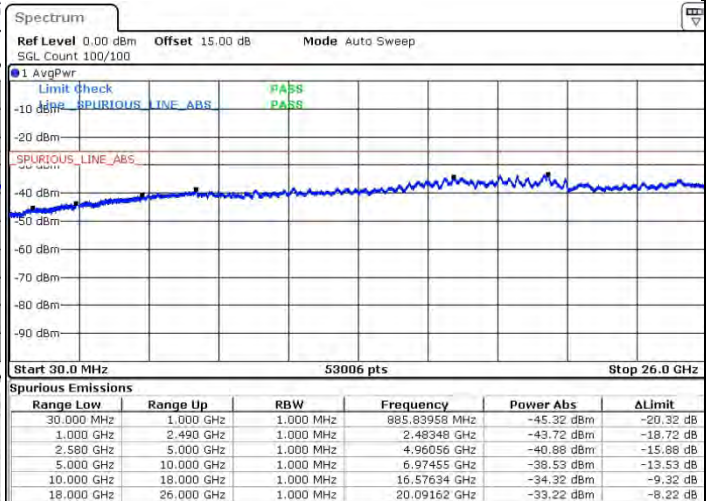
Date: 10.JUL.2015 15:01:51

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.JUL.2015 15:03:00



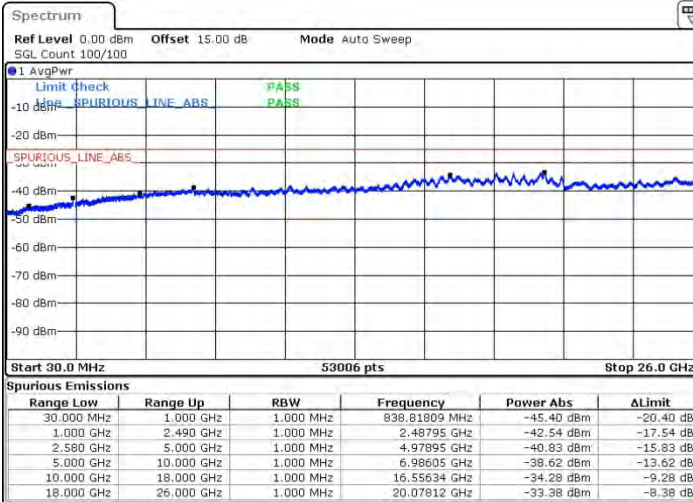
Date: 10.JUL.2015 15:04:10



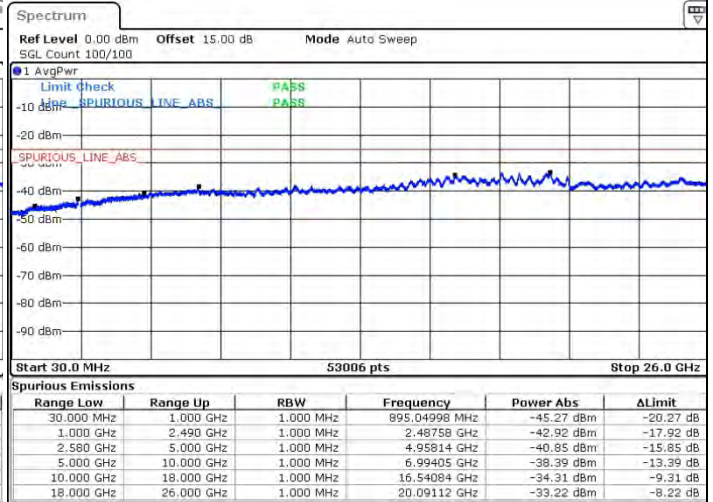
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



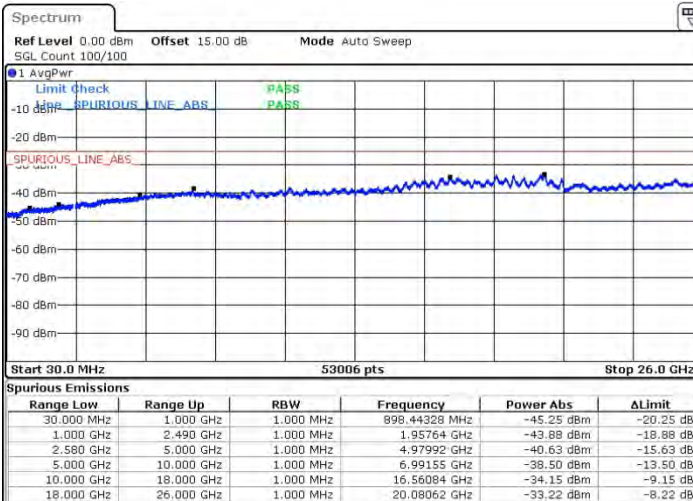
Date: 10.JUL.2015 15:05:20



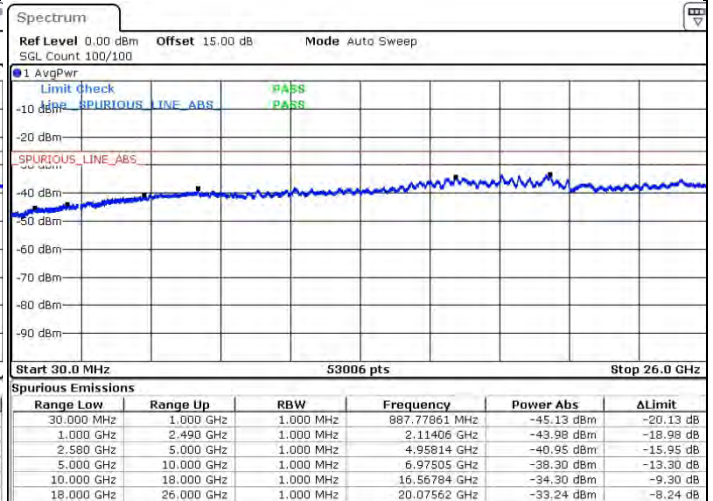
Date: 10.JUL.2015 15:06:29

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 10.JUL.2015 15:07:39



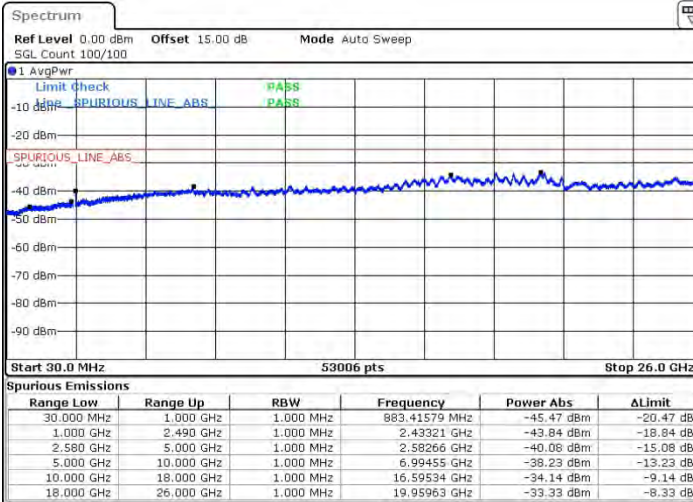
Date: 10.JUL.2015 15:08:46



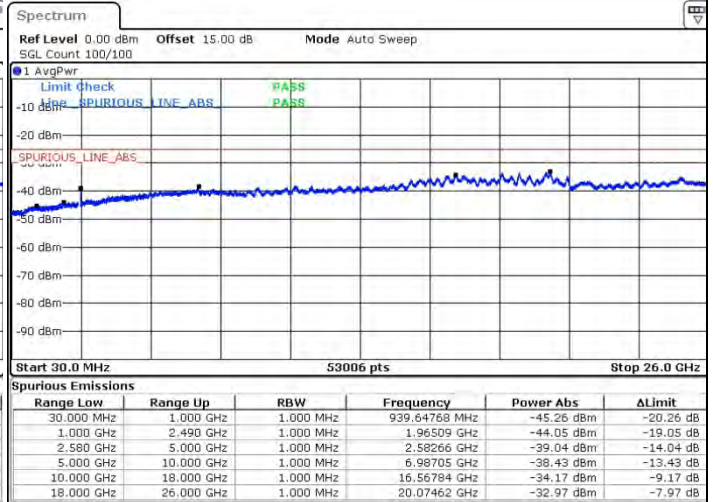
LTE Band 7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.JUL.2015 15:09:59

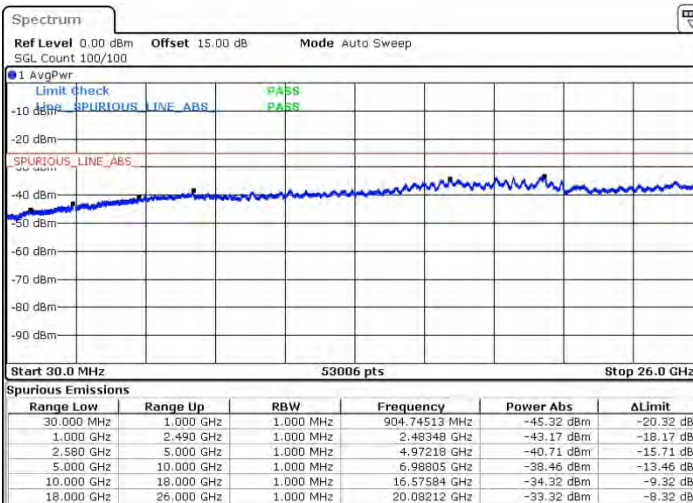


Date: 10.JUL.2015 15:11:09

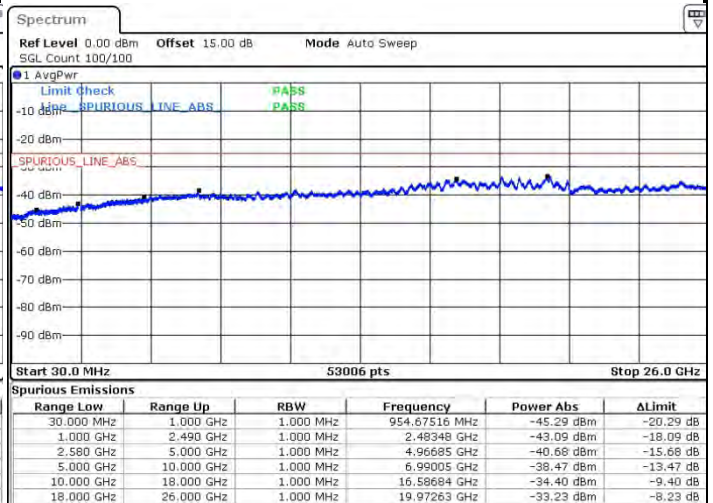
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 10.JUL.2015 15:12:15



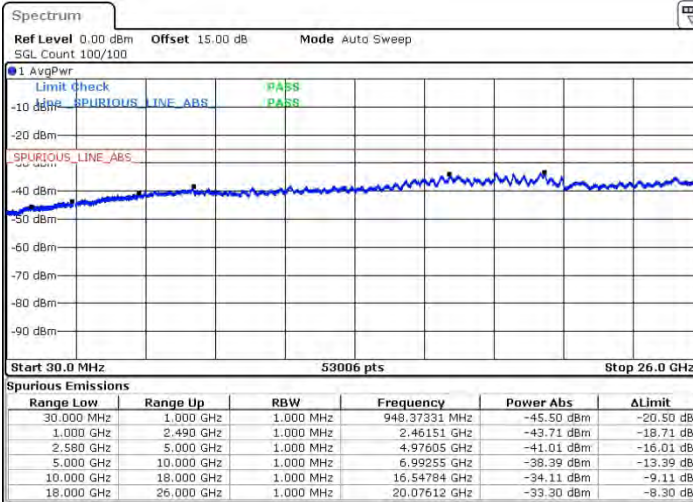
Date: 10.JUL.2015 15:13:26



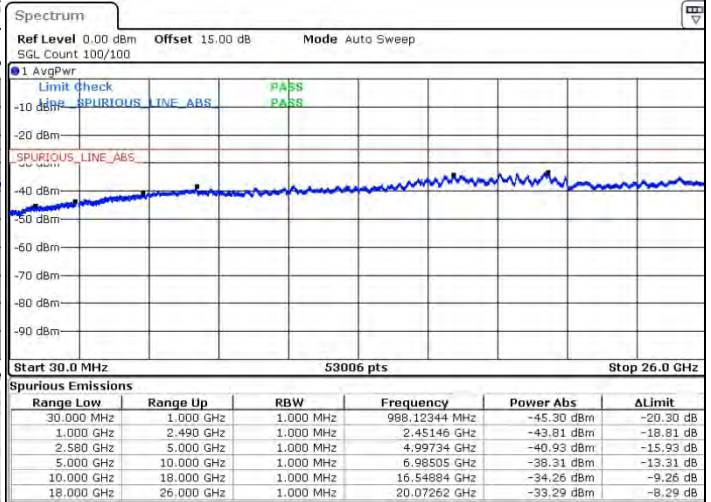
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



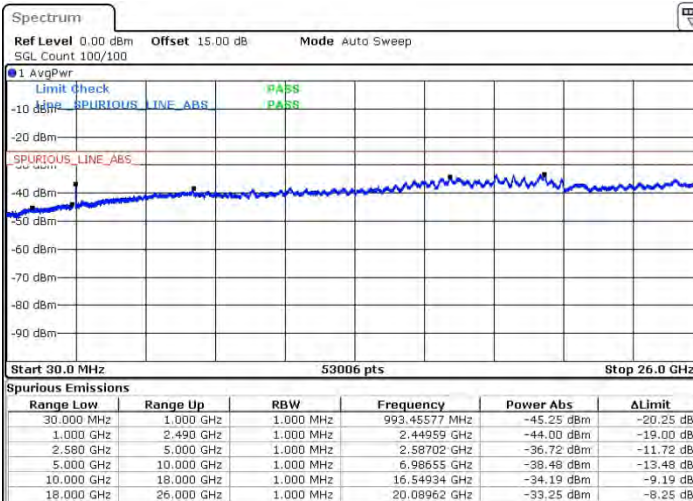
Date: 10.JUL.2015 15:14:38



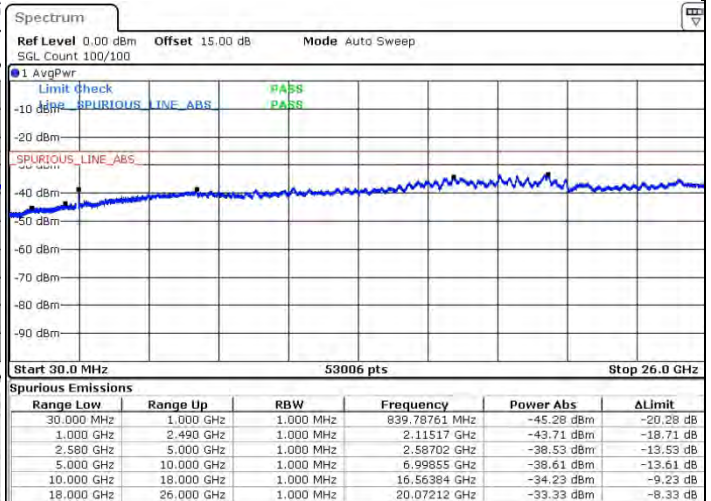
Date: 10.JUL.2015 15:15:47

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.JUL.2015 15:16:57

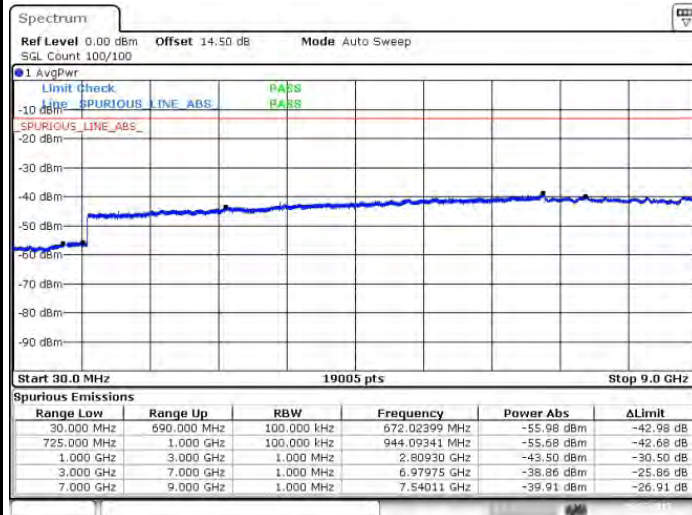


Date: 10.JUL.2015 15:18:06

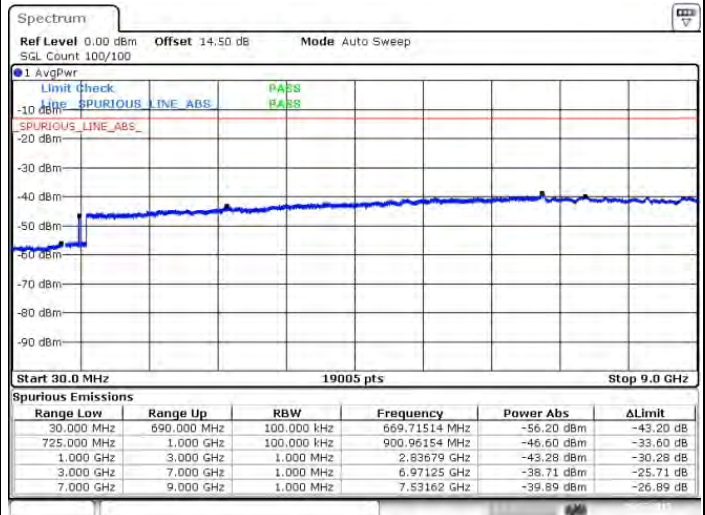


LTE Band 17 / 5MHz

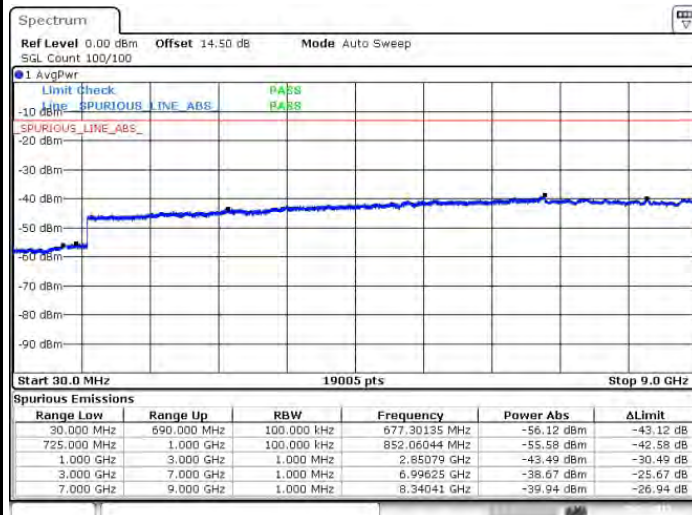
Lowest Channel / QPSK



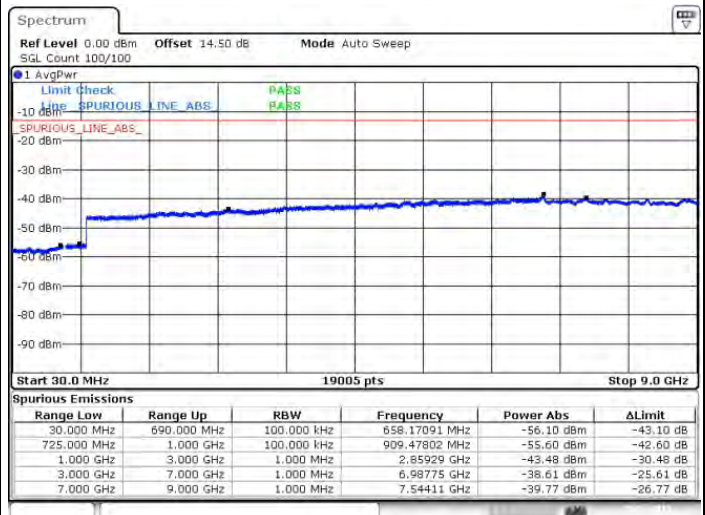
Lowest Channel / 16QAM



Middle Channel / QPSK



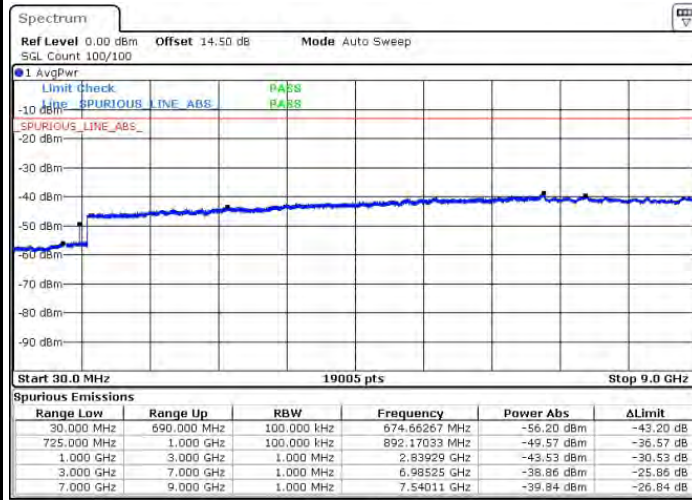
Middle Channel / 16QAM





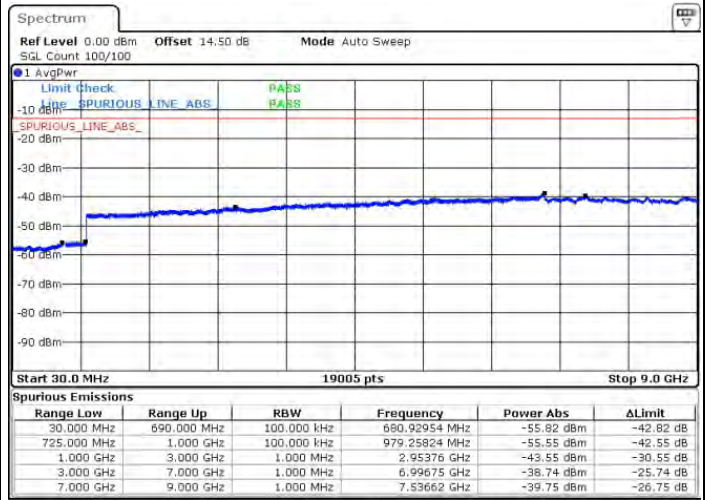
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 6/17/2015 16:19:10

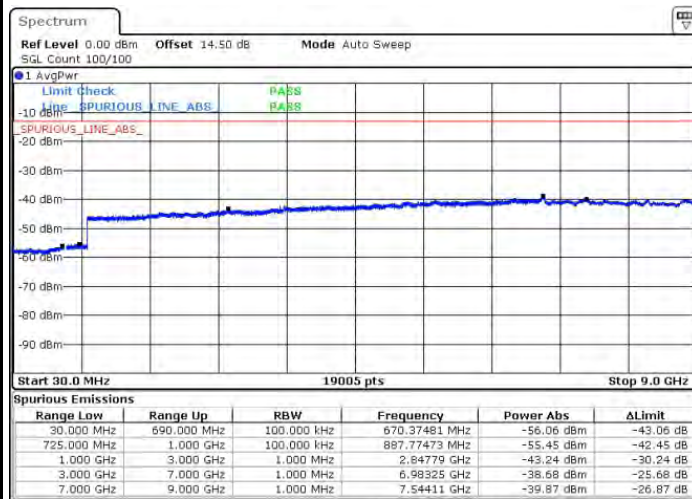
Highest Channel / 16QAM



Date: 6/17/2015 17:00:02

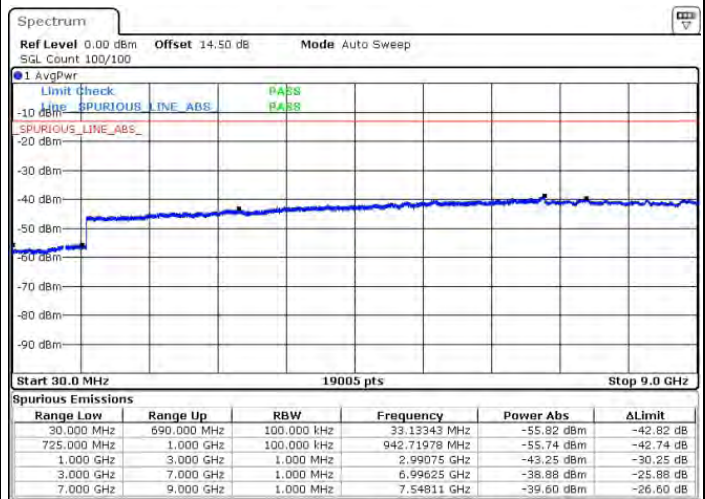
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 6/17/2015 17:08:15

Lowest Channel / 16QAM

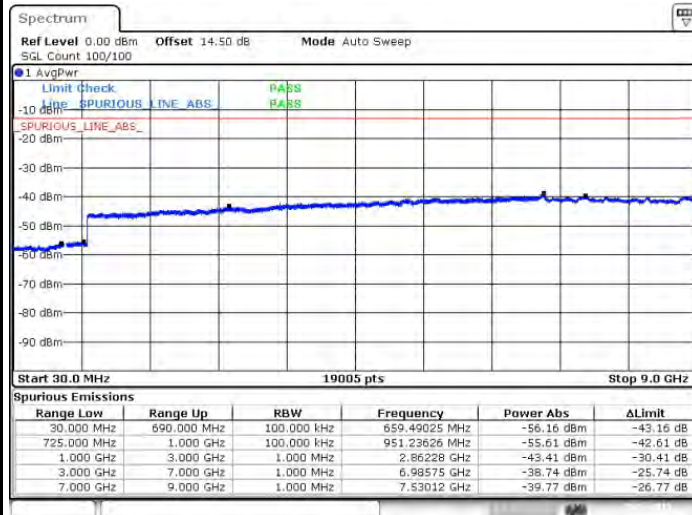


Date: 6/17/2015 17:07:19

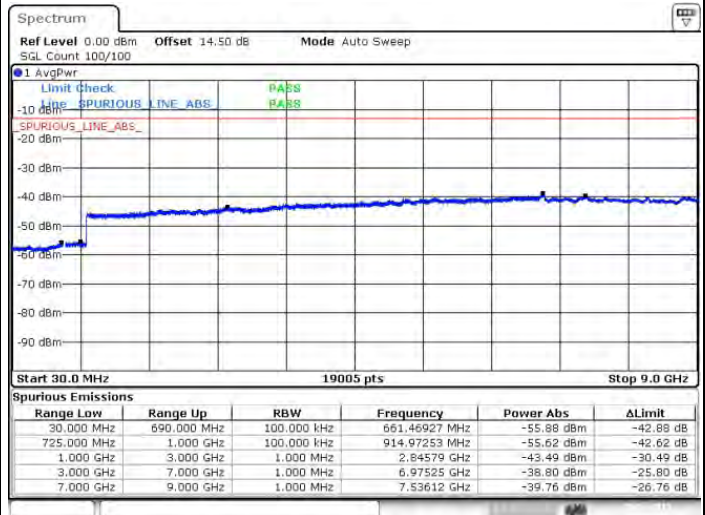


LTE Band 17 / 10MHz

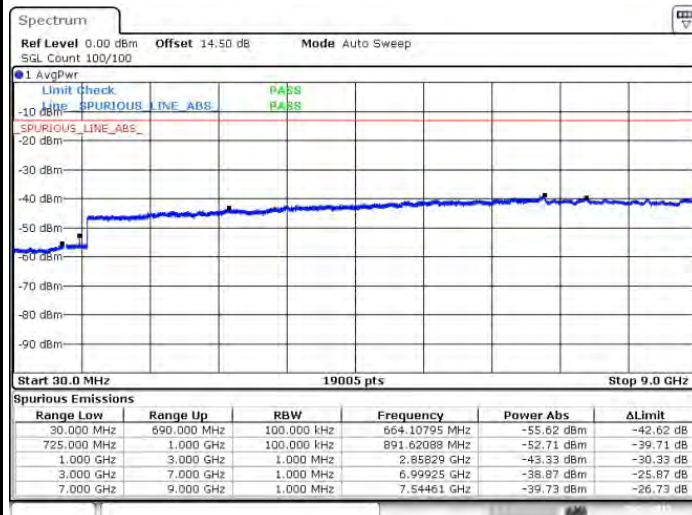
Middle Channel / QPSK



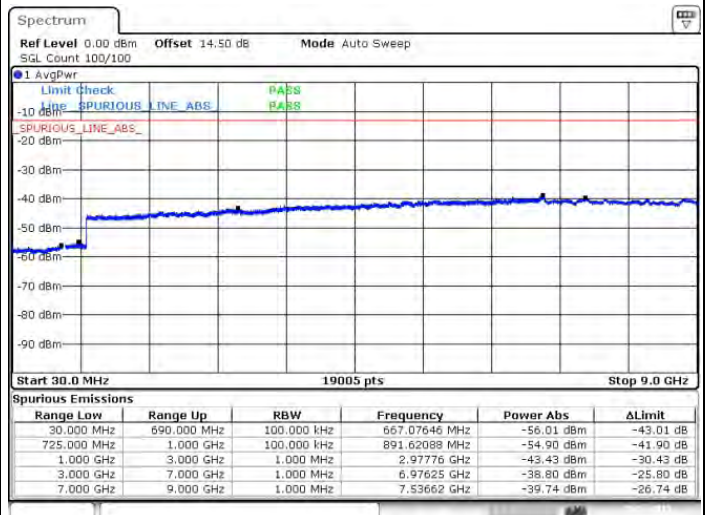
Middle Channel / 16QAM



Highest Channel / QPSK



Highest Channel / 16QAM



**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; Maximum Voltage =4.3 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	0.0618	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0046	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; Maximum Voltage =4.3 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0048	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0060	
-10	Normal Voltage	0.0084	
-20	Normal Voltage	0.0072	
-30	Normal Voltage	0.0096	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; Maximum Voltage =4.3 V



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0039	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; Maximum Voltage =4.3 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0042	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0056	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0070	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6V. ; Maximum Voltage =4.3 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	16.29	0.0425	16.92	0.0492
Middle		1	0	16.36	0.0433	16.69	0.0467
Highest		1	5	18.55	0.0716	18.48	0.0705
Lowest	16QAM	3	0	16.07	0.0404	16.67	0.0465
Middle		3	1	16.18	0.0415	16.64	0.0462
Highest		1	5	18.39	0.0689	18.45	0.0700
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	16.45	0.0441	17.02	0.0503
Middle		1	14	16.49	0.0446	16.84	0.0483
Highest		1	14	18.82	0.0761	18.85	0.0768
Lowest	16QAM	1	14	15.74	0.0375	16.46	0.0442
Middle		1	14	16.20	0.0417	16.58	0.0455
Highest		1	14	18.21	0.0662	18.28	0.0673
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	24	16.25	0.0422	16.85	0.0484
Middle		1	24	16.48	0.0444	16.82	0.0481
Highest		1	24	18.79	0.0757	18.80	0.0759
Lowest	16QAM	1	0	15.84	0.0384	16.52	0.0449
Middle		1	12	16.00	0.0398	16.40	0.0437
Highest		1	0	16.52	0.0448	16.61	0.0458
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	16.33	0.0429	16.84	0.0483
Middle		1	49	16.87	0.0486	17.08	0.0511
Highest		1	0	16.58	0.0455	16.75	0.0473
Lowest	16QAM	1	24	15.57	0.0360	16.17	0.0414
Middle		1	0	16.15	0.0412	16.60	0.0457
Highest		1	0	15.75	0.0376	16.01	0.0399
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	74	15.50	0.0355	16.11	0.0408
Middle		1	74	16.96	0.0496	17.32	0.0539
Highest		1	0	15.48	0.0353	15.82	0.0382
Lowest	16QAM	1	37	15.28	0.0337	15.90	0.0389
Middle		1	37	15.56	0.0359	16.02	0.0400
Highest		1	0	14.80	0.0302	15.13	0.0326
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	15.94	0.0393	15.47	0.0353
Middle		1	0	15.90	0.0389	15.57	0.0361
Highest		1	0	16.49	0.0445	15.11	0.0324
Lowest	16QAM	1	49	16.61	0.0458	16.05	0.0403
Middle		1	99	16.47	0.0443	15.99	0.0398
Highest		1	0	16.90	0.0490	15.45	0.0351
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	5	19.85	0.0966	19.71	0.0936
Middle		1	2	19.64	0.0920	19.60	0.0912
Highest		1	5	19.26	0.0843	19.15	0.0823
Lowest	16QAM	1	2	18.92	0.0780	18.78	0.0754
Middle		1	2	18.84	0.0765	18.78	0.0755
Highest		1	5	18.50	0.0708	18.36	0.0685
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	19.83	0.0962	19.65	0.0923
Middle		1	0	19.63	0.0918	19.55	0.0901
Highest		1	0	19.22	0.0836	19.10	0.0814
Lowest	16QAM	1	0	18.97	0.0789	18.84	0.0766
Middle		1	0	18.78	0.0756	18.72	0.0745
Highest		1	7	18.34	0.0682	18.23	0.0666
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	24	19.84	0.0965	19.68	0.0930
Middle		1	24	19.68	0.0929	19.62	0.0915
Highest		1	0	19.28	0.0848	19.15	0.0823
Lowest	16QAM	1	12	18.87	0.0771	18.69	0.0739
Middle		1	12	18.59	0.0722	18.49	0.0706
Highest		1	24	18.33	0.0680	18.23	0.0665
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	19.60	0.0911	19.57	0.0905
Middle		1	0	19.39	0.0870	19.51	0.0894
Highest		1	0	19.16	0.0823	19.33	0.0857
Lowest	16QAM	1	24	19.20	0.0832	19.02	0.0798
Middle		1	0	18.25	0.0669	18.34	0.0683
Highest		1	49	18.65	0.0733	18.52	0.0711
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.69	0.0932	19.52	0.0896
Middle		1	0	19.69	0.0930	19.46	0.0883
Highest		1	37	19.22	0.0835	19.11	0.0815
Lowest	16QAM	1	0	19.14	0.0821	19.06	0.0805
Middle		1	37	18.84	0.0766	18.80	0.0758
Highest		1	0	18.81	0.0760	18.83	0.0763
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	99	19.48	0.0888	19.35	0.0861
Middle		1	99	19.30	0.0850	19.31	0.0853
Highest		1	99	19.11	0.0814	18.97	0.0788
Lowest	16QAM	1	0	19.10	0.0813	18.99	0.0793
Middle		1	99	18.37	0.0687	18.39	0.0691
Highest		1	0	18.56	0.0718	18.53	0.0713
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	13.10	0.0204	2.07	0.0016
Middle		1	0	12.84	0.0192	1.55	0.0014
Highest		1	2	12.78	0.0190	0.60	0.0011
Lowest	16QAM	1	0	11.93	0.0156	0.05	0.0010
Middle		1	0	11.41	0.0138	-0.33	0.0009
Highest		1	0	11.31	0.0135	-0.30	0.0009
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	12.83	0.0192	2.27	0.0017
Middle		1	14	12.77	0.0189	1.90	0.0015
Highest		1	0	12.91	0.0196	1.34	0.0014
Lowest	16QAM	1	14	11.49	0.0141	-0.37	0.0009
Middle		1	0	11.44	0.0139	-0.48	0.0009
Highest		1	0	11.41	0.0138	-0.36	0.0009
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	12.80	0.0191	2.21	0.0017
Middle		1	12	12.68	0.0185	1.81	0.0015
Highest		1	24	12.80	0.0191	1.26	0.0013
Lowest	16QAM	1	0	11.65	0.0146	1.42	0.0014
Middle		1	12	11.47	0.0140	0.95	0.0012
Highest		1	24	11.64	0.0146	0.43	0.0011
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	12.46	0.0176	0.85	0.0012
Middle		1	49	12.42	0.0175	1.16	0.0013
Highest		1	49	12.39	0.0173	1.38	0.0014
Lowest	16QAM	1	24	11.59	0.0144	1.14	0.0013
Middle		1	0	11.67	0.0147	1.03	0.0013
Highest		1	24	11.56	0.0143	0.43	0.0011
Limit	ERP < 7W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	16.93	0.0493	16.75	0.0474
Middle		1	0	18.15	0.0654	17.94	0.0623
Highest		1	12	19.33	0.0857	19.27	0.0845
Lowest	16QAM	1	24	16.07	0.0404	15.93	0.0391
Middle		1	0	17.16	0.0520	17.05	0.0507
Highest		1	24	18.12	0.0648	17.88	0.0614
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	17.19	0.0524	17.00	0.0501
Middle		1	0	18.16	0.0655	18.01	0.0632
Highest		1	49	19.39	0.0870	19.30	0.0852
Lowest	16QAM	1	49	15.91	0.0390	15.77	0.0378
Middle		1	0	17.07	0.0509	16.98	0.0499
Highest		1	49	18.43	0.0697	18.34	0.0682
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	17.29	0.0535	17.21	0.0527
Middle		1	0	18.10	0.0645	17.88	0.0614
Highest		1	0	18.93	0.0782	18.71	0.0743
Lowest	16QAM	1	0	15.92	0.0391	15.98	0.0396
Middle		1	0	17.07	0.0510	16.93	0.0493
Highest		1	74	18.36	0.0685	18.31	0.0677
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	17.77	0.0598	17.58	0.0573
Middle		1	99	18.83	0.0764	18.66	0.0734
Highest		1	99	19.59	0.0909	19.42	0.0874
Lowest	16QAM	1	99	16.75	0.0473	16.61	0.0459
Middle		1	0	17.14	0.0517	16.85	0.0484
Highest		1	99	18.56	0.0718	18.25	0.0668
Limit	EIRP < 2W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	13.34	0.0216	1.35	0.0014
Middle		1	12	13.76	0.0238	1.93	0.0016
Highest		1	24	14.25	0.0266	2.47	0.0018
Lowest	16QAM	1	12	12.26	0.0168	0.32	0.0011
Middle		1	12	12.68	0.0185	0.65	0.0012
Highest		1	24	13.18	0.0208	1.16	0.0013
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	13.54	0.0226	1.69	0.0015
Middle		1	24	13.74	0.0236	1.92	0.0016
Highest		1	24	13.76	0.0238	1.89	0.0015
Lowest	16QAM	1	24	12.38	0.0173	0.57	0.0011
Middle		1	24	12.59	0.0182	0.74	0.0012
Highest		1	49	13.15	0.0206	1.30	0.0014
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	-47.06	-13	-34.06	-59.83	-54.25	0.81	8.00	H
	5638.38	-20.07	-13	-7.07	-42.47	-30.06	1.01	11.00	H
	7517.84	-23.62	-13	-10.62	-51.71	-35.86	1.46	13.70	H
	3758.92	-48.28	-13	-35.28	-61.35	-55.47	0.81	8	V
	5638.38	-18.97	-13	-5.97	-41.4	-28.96	1.01	11	V
	7517.84	-27.54	-13	-14.54	-54.9	-39.78	1.46	13.7	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	-47.30	-13	-34.30	-60.07	-54.49	0.81	8.00	H
	5638.38	-20.30	-13	-7.30	-42.68	-30.29	1.01	11.00	H
	7517.84	-24.36	-13	-11.36	-52.39	-36.60	1.46	13.70	H
	3758.92	-48.13	-13	-35.13	-61.2	-55.32	0.81	8	V
	5638.38	-19.42	-13	-6.42	-41.87	-29.41	1.01	11	V
	7517.84	-26.88	-13	-13.88	-54.5	-39.12	1.46	13.7	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	-46.42	-13	-33.42	-59.19	-53.61	0.81	8.00	H
	5633.52	-20.92	-13	-7.92	-43.25	-30.91	1.01	11.00	H
	7511.36	-21.64	-13	-8.64	-49.92	-33.88	1.46	13.70	H
	3755.68	-48.38	-13	-35.38	-61.45	-55.57	0.81	8	V
	5633.52	-19.56	-13	-6.56	-42.02	-29.55	1.01	11	V
	7511.36	-27.05	-13	-14.05	-54.62	-39.29	1.46	13.7	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	-46.67	-13	-33.67	-59.44	-53.86	0.81	8.00	H
	5626.77	-20.40	-13	-7.40	-42.77	-30.39	1.01	11.00	H
	7502.36	-21.49	-13	-8.49	-49.78	-33.73	1.46	13.70	H
	3751.18	-47.40	-13	-34.40	-60.47	-54.59	0.81	8	V
	5626.77	-19.45	-13	-6.45	-41.91	-29.44	1.01	11	V
	7502.36	-25.99	-13	-12.99	-53.82	-38.23	1.46	13.7	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	-45.23	-13	-32.23	-58.00	-52.42	0.81	8.00	H
	5620.02	-20.94	-13	-7.94	-43.27	-30.93	1.01	11.00	H
	7493.36	-30.20	-13	-17.20	-56.60	-42.44	1.46	13.70	H
	3746.68	-46.41	-13	-33.41	-59.48	-53.60	0.81	8	V
	5620.02	-33.17	-13	-20.17	-43.16	-43.16	1.01	11	V
	7493.36	-32.31	-13	-19.31	-58.34	-44.55	1.46	13.7	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	-43.37	-13	-30.37	-56.14	-50.56	0.81	8.00	H
	5613.27	-24.04	-13	-11.04	-46.08	-34.03	1.01	11.00	H
	7484.36	-37.56	-13	-24.56	-61.54	-49.80	1.46	13.70	H
	3742.18	-45.60	-13	-32.60	-58.67	-52.79	0.81	8	V
	5613.27	-22.31	-13	-9.31	-44.66	-32.30	1.01	11	V
	7484.36	-42.68	-13	-29.68	-65.17	-54.92	1.46	13.7	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	-51.18	-13	-38.18	-64.01	-58.37	0.81	8.00	H
	5195.88	-26.15	-13	-13.15	-46.53	-35.20	0.95	10.00	H
	6927.84	-43.31	-13	-30.31	-64.65	-55.58	1.13	13.40	H
	3463.92	-52.58	-13	-39.58	-65.92	-64.37	0.81	12.6	V
	5195.88	-30.86	-13	-17.86	-51.26	-42.61	0.95	12.7	V
	6927.84	-43.63	-13	-30.63	-64.62	-54.20	1.13	11.7	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	-51.77	-13	-38.77	-64.60	-58.96	0.81	8.00	H
	5193.72	-28.77	-13	-15.77	-48.91	-37.82	0.95	10.00	H
	6924.96	-43.40	-13	-30.40	-64.74	-55.67	1.13	13.40	H
	3462.48	-52.10	-13	-39.10	-65.44	-63.89	0.81	12.6	V
	5193.72	-30.19	-13	-17.19	-50.73	-41.94	0.95	12.7	V
	6924.96	-43.42	-13	-30.42	-64.41	-53.99	1.13	11.7	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	-52.44	-13	-39.44	-65.27	-59.63	0.81	8.00	H
	5191.02	-28.86	-13	-15.86	-49.00	-37.91	0.95	10.00	H
	6921.36	-43.24	-13	-30.24	-64.58	-55.51	1.13	13.40	H
	3460.68	-52.56	-13	-39.56	-65.9	-64.35	0.81	12.6	V
	5191.02	-29.91	-13	-16.91	-50.51	-41.66	0.95	12.7	V
	6921.36	-43.28	-13	-30.28	-64.27	-53.85	1.13	11.7	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	-51.74	-13	-38.74	-64.57	-58.93	0.81	8.00	H
	5184.27	-27.46	-13	-14.46	-47.69	-36.51	0.95	10.00	H
	6912.36	-43.16	-13	-30.16	-64.50	-55.43	1.13	13.40	H
	3456.18	-52.56	-13	-39.56	-65.9	-64.35	0.81	12.6	V
	5184.27	-30.67	-13	-17.67	-51.11	-42.42	0.95	12.7	V
	6912.36	-44.47	-13	-31.47	-65.46	-55.04	1.13	11.7	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	-52.90	-13	-39.90	-65.73	-60.09	0.81	8.00	H
	5177.52	-28.34	-13	-15.34	-48.49	-37.39	0.95	10.00	H
	6903.36	-45.01	-13	-32.01	-66.35	-57.28	1.13	13.40	H
	3451.68	-53.02	-13	-40.02	-66.36	-64.81	0.81	12.6	V
	5177.52	-32.69	-13	-19.69	-52.81	-44.44	0.95	12.7	V
	6903.36	-43.86	-13	-30.86	-64.85	-54.43	1.13	11.7	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	-53.69	-13	-40.69	-66.52	-60.88	0.81	8.00	H
	5170.77	-31.35	-13	-18.35	-51.19	-40.40	0.95	10.00	H
	6894.36	-46.59	-13	-33.59	-67.93	-58.86	1.13	13.40	H
	3447.18	-53.19	-13	-40.19	-66.53	-64.98	0.81	12.6	V
	5170.77	-33.79	-13	-20.79	-53.64	-45.54	0.95	12.7	V
	6894.36	-46.98	-13	-33.98	-67.97	-57.55	1.13	11.7	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1671.92	-42.93	-13	-29.93	-47.51	-46.75	0.53	6.50	H
	2507.88	-56.48	-13	-43.48	-61.90	-59.35	0.68	5.70	H
	3343.84	-51.43	-13	-38.43	-61.45	-56.47	0.81	8.00	H
	1671.92	-36.69	-13	-23.69	-43.03	-40.51	0.53	6.50	V
	2507.88	-56.52	-13	-43.52	-60.84	-59.39	0.68	5.70	V
	3343.84	-49.03	-13	-36.03	-58.04	-54.07	0.81	8.00	V

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

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1670.48	-44.09	-13	-31.09	-48.21	-47.91	0.53	6.50	H
	2505.72	-57.50	-13	-44.50	-62.92	-60.37	0.68	5.70	H
	3340.96	-53.45	-13	-40.45	-63.47	-58.49	0.81	8.00	H
	1670.48	-36.49	-13	-23.49	-42.79	-40.31	0.53	6.50	V
	2505.72	-56.75	-13	-43.75	-61.07	-59.62	0.68	5.70	V
	3340.96	-48.93	-13	-35.93	-58.63	-53.97	0.81	8.00	V

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



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1668.68	-41.82	-13	-28.82	-46.45	-45.64	0.53	6.50	H
	2503.02	-57.13	-13	-44.13	-62.55	-60.00	0.68	5.70	H
	3337.36	-51.83	-13	-38.83	-61.85	-56.87	0.81	8.00	H
	1668.68	-34.97	-13	-21.97	-41.32	-38.79	0.53	6.50	V
	2503.02	-56.79	-13	-43.79	-61.11	-59.66	0.68	5.70	V
	3337.36	-50.27	-13	-37.27	-59.28	-55.31	0.81	8.00	V

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

LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.18	-40.55	-13	-27.55	-45.24	-44.37	0.53	6.50	H
	2496.27	-54.93	-13	-41.93	-60.35	-57.80	0.68	5.70	H
	3328.36	-50.29	-13	-37.29	-60.31	-55.33	0.81	8.00	H
	1664.18	-36.36	-13	-23.36	-42.64	-40.18	0.53	6.50	V
	2496.27	-53.67	-13	-40.67	-57.99	-56.54	0.68	5.70	V
	3328.36	-44.55	-13	-31.55	-55.62	-49.59	0.81	8.00	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5065.68	-47.91	-25	-22.91	-65.54	-56.96	0.95	10.00	H
	7598.52	-43.28	-25	-18.28	-68.90	-55.52	1.46	13.70	H
	10131.36	-44.13	-25	-19.13	-71.68	-56.02	1.31	13.20	H
	5065.68	-47.39	-25	-22.39	-65.29	-56.44	0.95	10.00	V
	7598.52	-44.55	-25	-19.55	-68.88	-56.79	1.46	13.70	V
	10131.36	-45.15	-25	-20.15	-71.63	-57.04	1.31	13.20	V

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

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5061.18	-48.74	-25	-23.74	-66.37	-57.79	0.95	10.00	H
	7591.77	-42.96	-25	-17.96	-68.58	-55.20	1.46	13.70	H
	10122.36	-43.67	-25	-18.67	-71.22	-55.56	1.31	13.20	H
	5061.18	-47.33	-25	-22.33	-65.23	-56.38	0.95	10.00	V
	7591.77	-44.03	-25	-19.03	-68.36	-56.27	1.46	13.70	V
	10122.36	-44.61	-25	-19.61	-71.09	-56.50	1.31	13.20	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5056.68	-48.29	-25	-23.29	-65.92	-57.34	0.95	10.00	H
	7585.02	-42.45	-25	-17.45	-68.07	-54.69	1.46	13.70	H
	10131.36	-43.95	-25	-18.95	-71.50	-55.84	1.31	13.20	H
	5056.68	-47.71	-25	-22.71	-65.61	-56.76	0.95	10.00	V
	7585.02	-44.45	-25	-19.45	-68.78	-56.69	1.46	13.70	V
	10131.36	-44.97	-25	-19.97	-71.45	-56.86	1.31	13.20	V

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

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-47.72	-25	-22.72	-65.35	-56.77	0.95	10.00	H
	7578.27	-41.81	-25	-16.81	-67.43	-54.05	1.46	13.70	H
	10104.36	-43.70	-25	-18.70	-71.25	-55.59	1.31	13.20	H
	5052.18	-46.39	-25	-21.39	-64.29	-55.44	0.95	10.00	V
	7578.27	-43.84	-25	-18.84	-68.17	-56.08	1.46	13.70	V
	10104.36	-44.12	-25	-19.12	-70.6	-56.01	1.31	13.20	V

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



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1415.68	-46.08	-13	-33.08	-61.78	-49.05	0.88	6.00	H
	2123.58	-37.06	-13	-24.06	-61.81	-39.67	1.08	5.84	H
	2831.36	-60.28	-13	-47.28	-70.88	-64.65	1.14	7.66	H
	1415.68	-48.94	-13	-35.94	-61.85	-51.91	0.88	6.00	V
	2123.58	-43.38	-13	-30.38	-64.82	-45.99	1.08	5.84	V
	2831.36	-59.57	-13	-46.57	-71.40	-63.94	1.14	7.66	V

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

LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1411.18	-43.09	-13	-30.09	-59.34	-46.06	0.88	6.00	H
	2116.77	-34.47	-13	-21.47	-59.44	-37.08	1.08	5.84	H
	2822.36	-60.50	-13	-47.50	-71.10	-64.87	1.14	7.66	H
	1411.18	-46.98	-13	-33.98	-59.87	-49.95	0.88	6.00	V
	2116.77	-39.02	-13	-26.02	-61.37	-41.63	1.08	5.84	V
	2822.36	-60.13	-13	-47.13	-71.96	-64.50	1.14	7.66	V

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