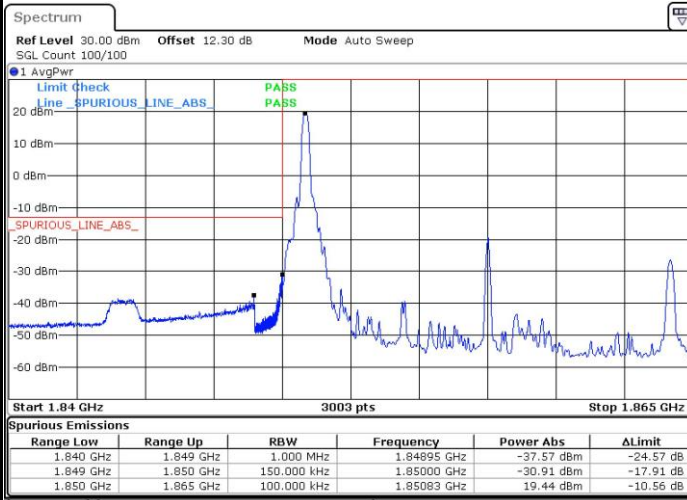


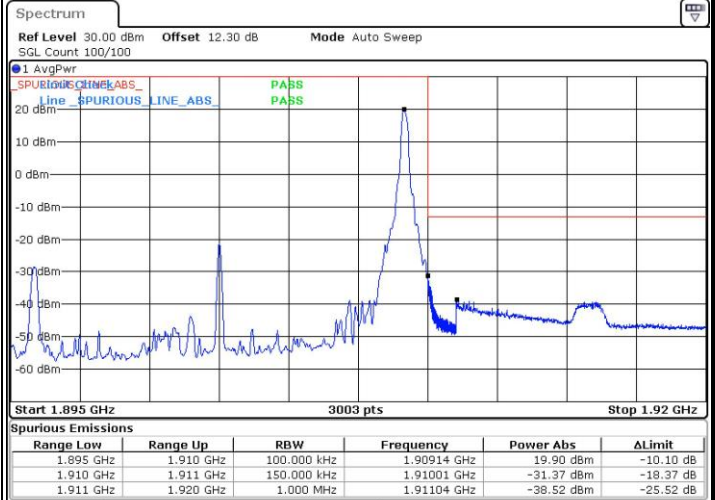


LTE Band 2 / 15MHz / 16QAM

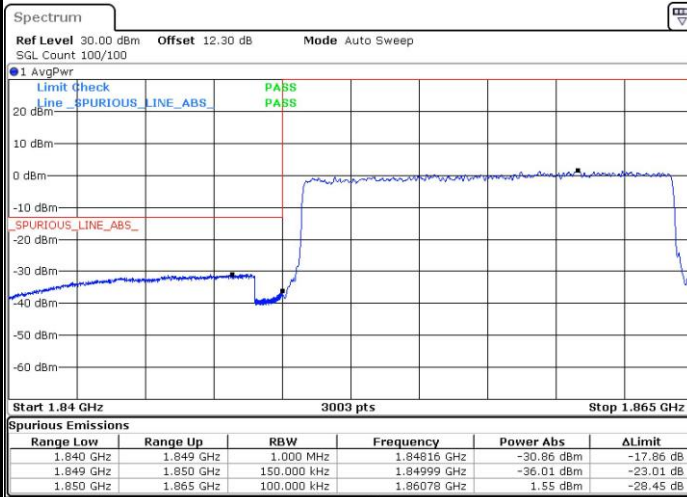
Lowest Band Edge / 1 RB



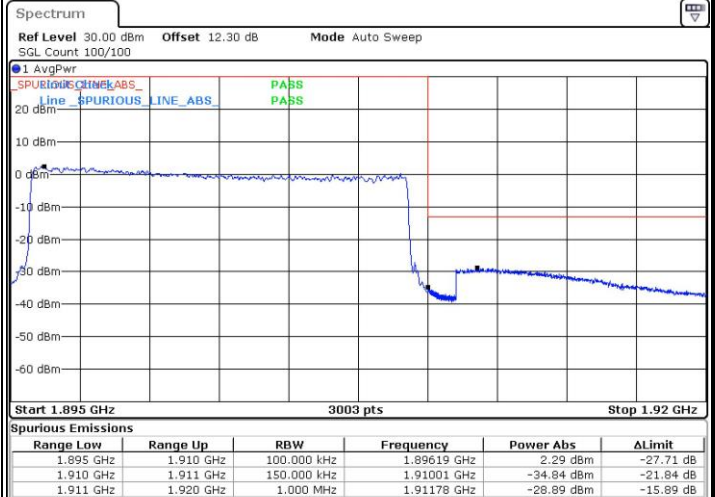
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



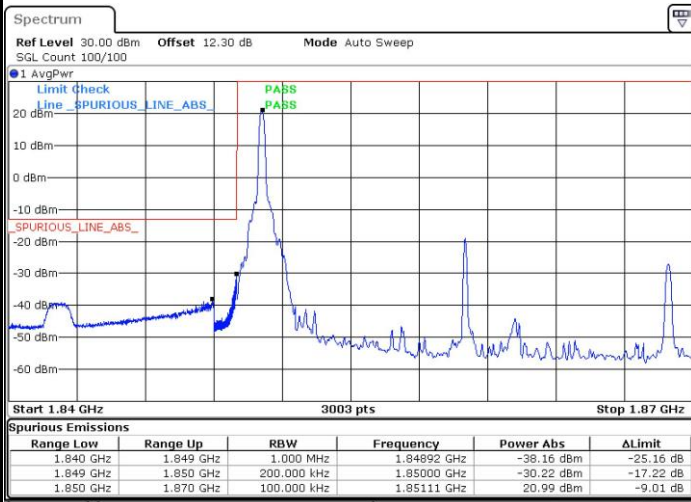
Highest Band Edge / Full RB





LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



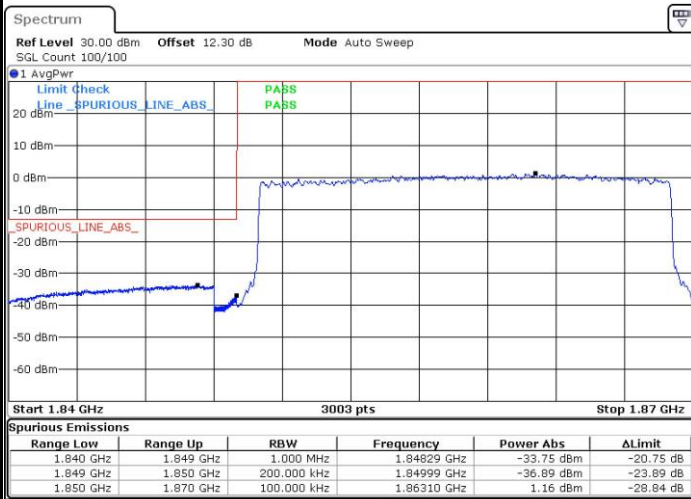
Date: 6.JUN.2015 10:25:16

Highest Band Edge / 1 RB



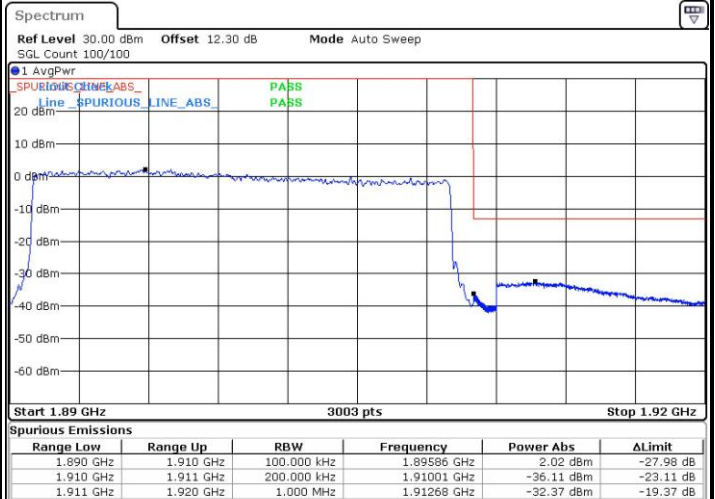
Date: 6.JUN.2015 10:36:34

Lowest Band Edge / Full RB



Date: 6.JUN.2015 10:27:36

Highest Band Edge / Full RB

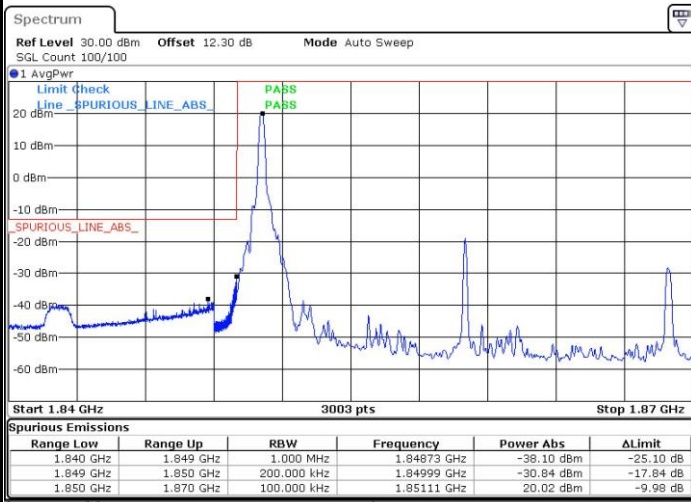


Date: 6.JUN.2015 10:38:54



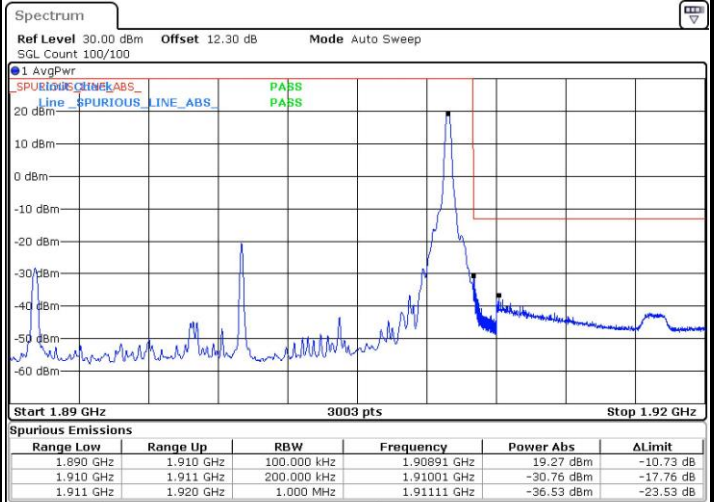
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



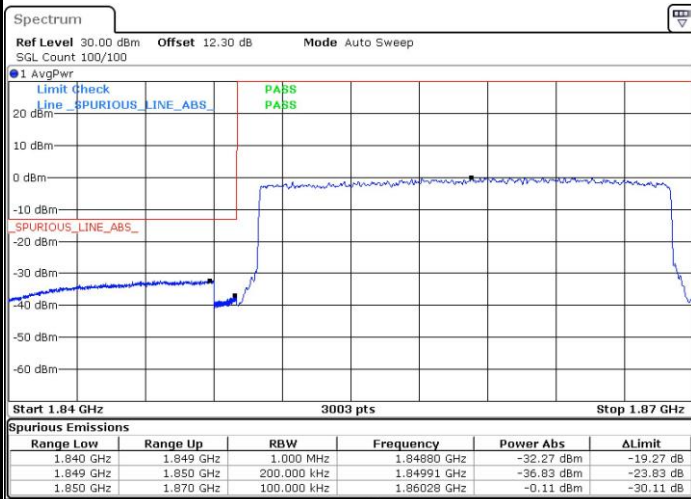
Date: 6.JUN.2015 10:26:26

Highest Band Edge / 1 RB



Date: 6.JUN.2015 10:37:44

Lowest Band Edge / Full RB



Date: 6.JUN.2015 10:28:46

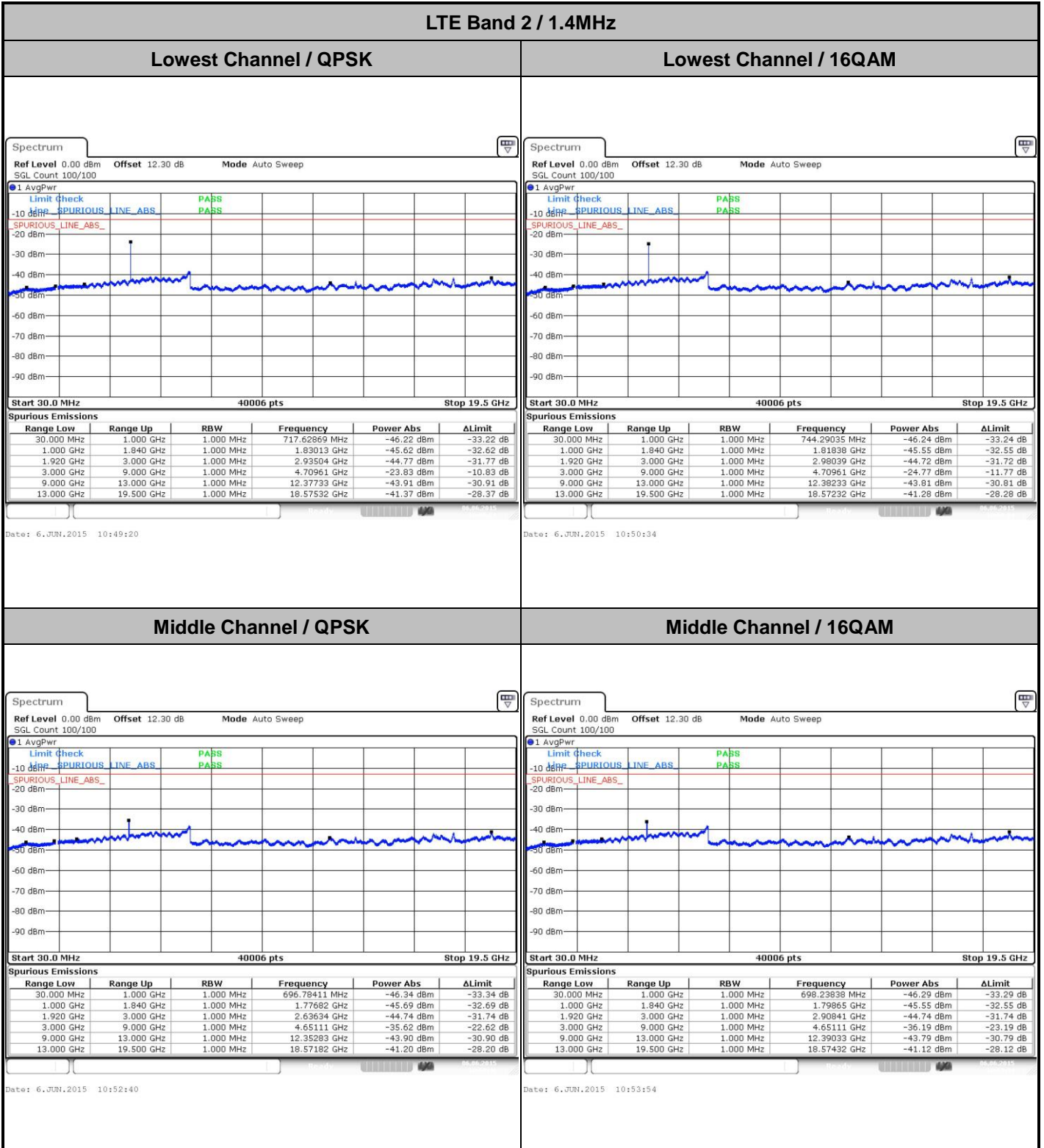
Highest Band Edge / Full RB



Date: 6.JUN.2015 10:40:04



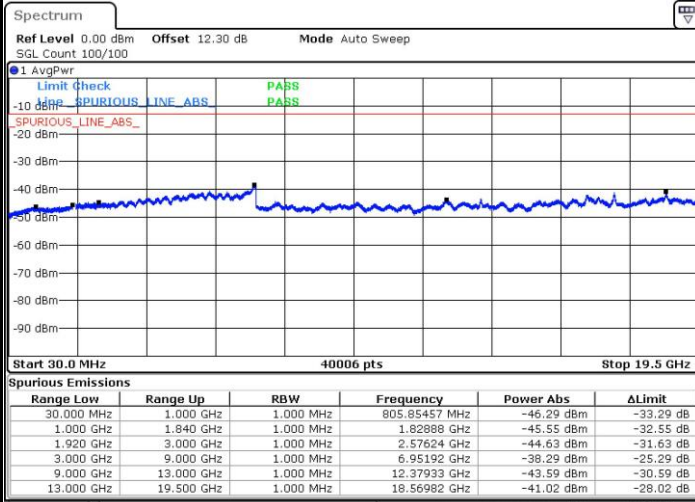
# Conducted Spurious Emission





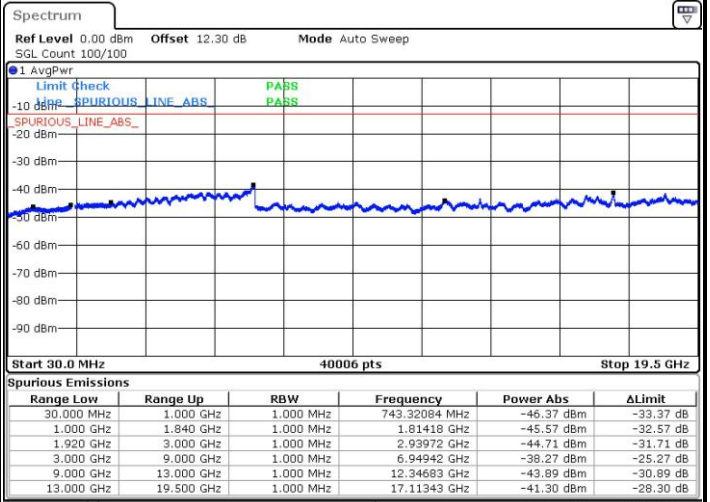
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 6 JUN.2015 11:00:39

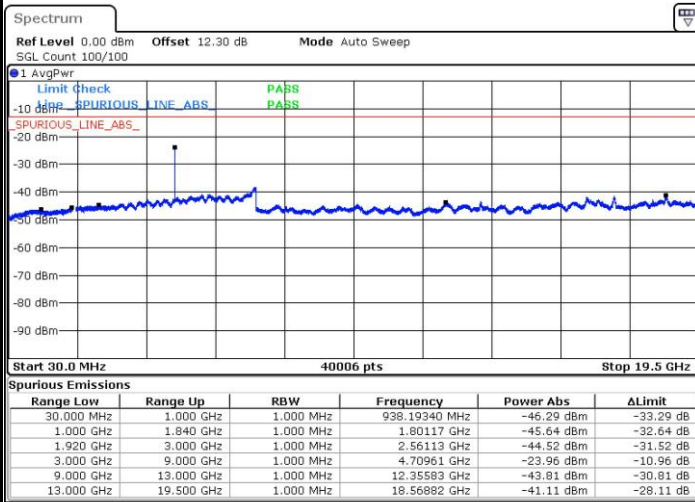
Highest Channel / 16QAM



Date: 6 JUN.2015 11:01:54

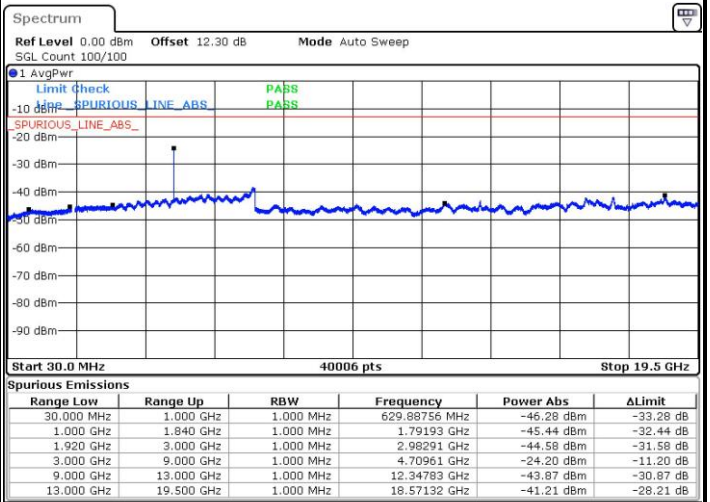
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 6 JUN.2015 09:12:27

Lowest Channel / 16QAM



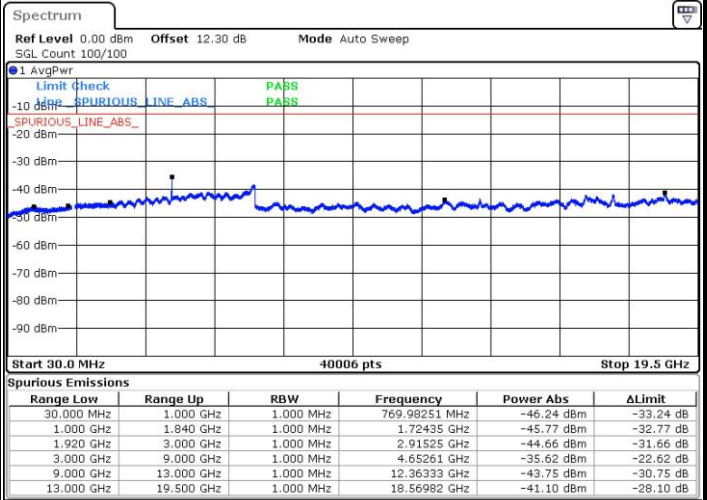
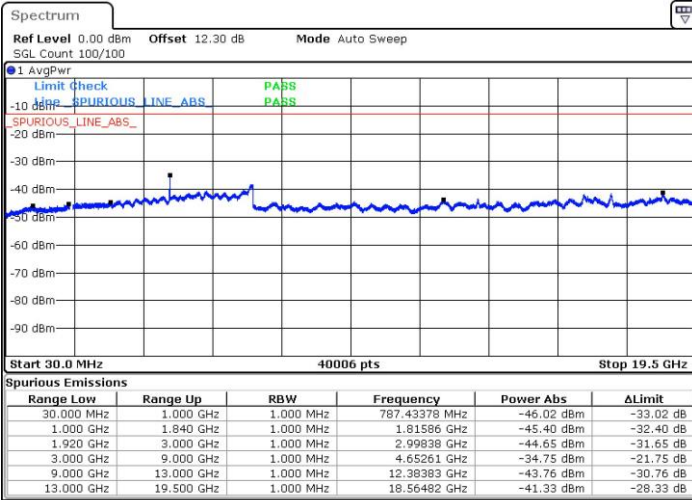
Date: 6 JUN.2015 09:13:41



LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

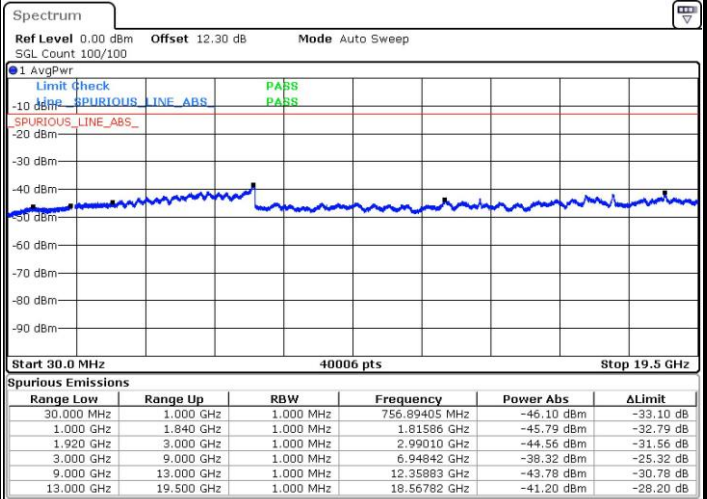
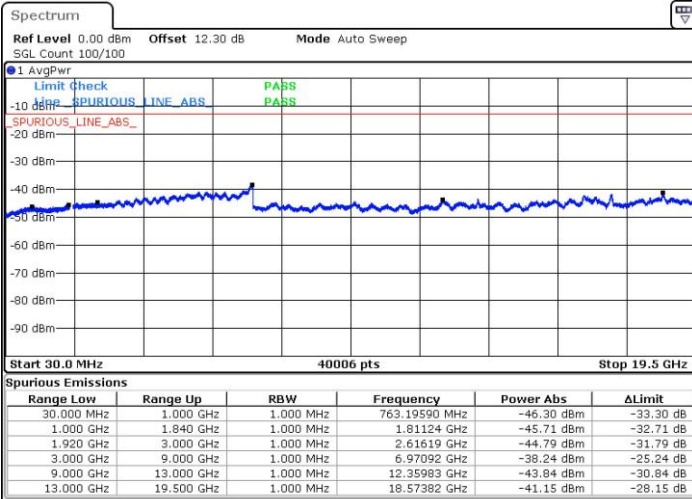


Date: 6 JUN.2015 09:15:47

Date: 6 JUN.2015 09:17:01

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JUN.2015 09:23:48

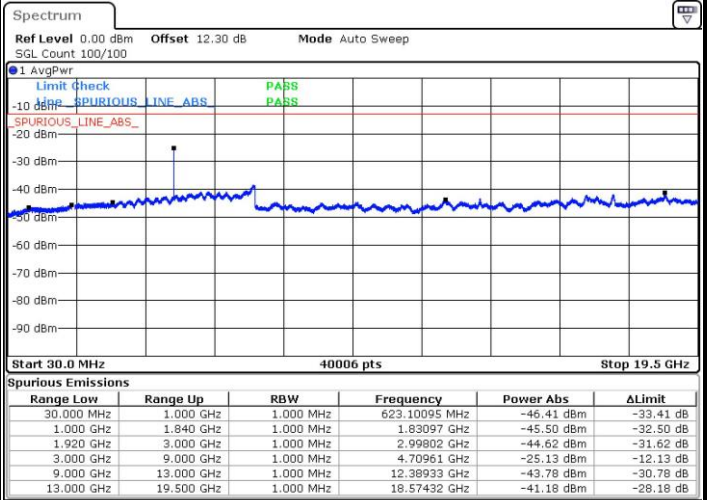
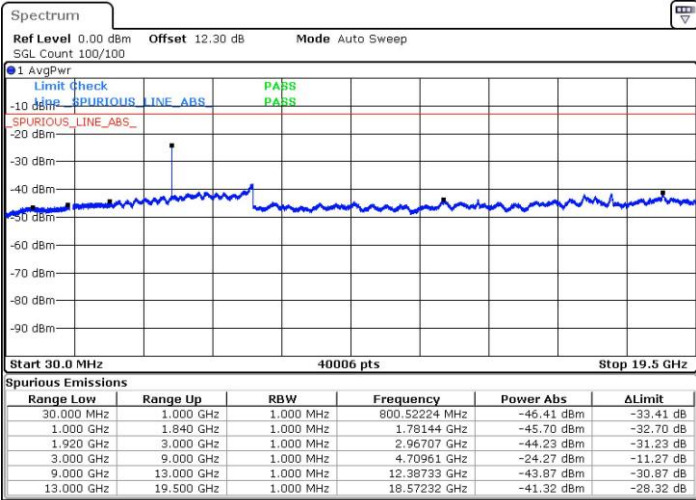
Date: 6 JUN.2015 09:25:02



LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

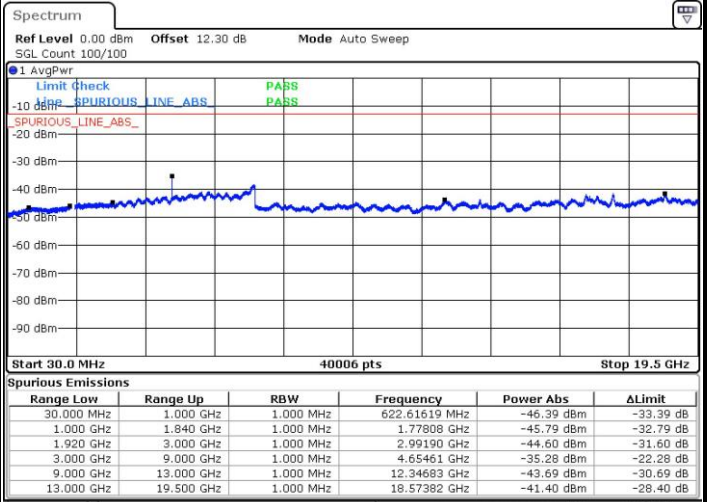
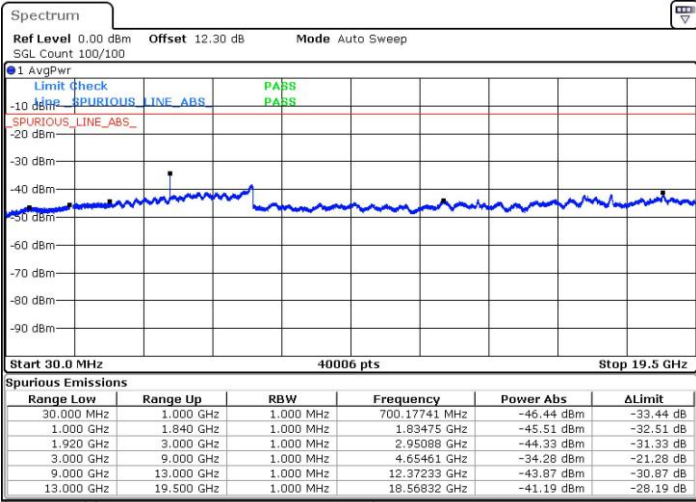


Date: 6 JUN. 2015 09:31:52

Date: 6 JUN. 2015 09:33:06

Middle Channel / QPSK

Middle Channel / 16QAM



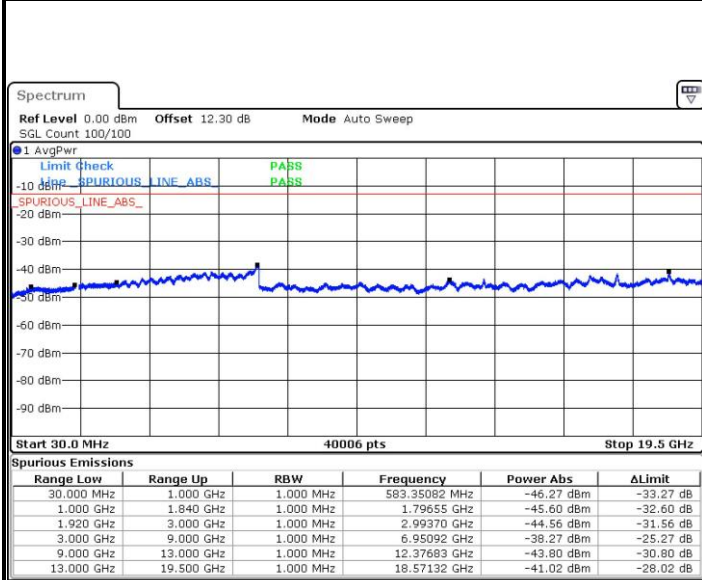
Date: 6 JUN. 2015 09:35:11

Date: 6 JUN. 2015 09:36:26



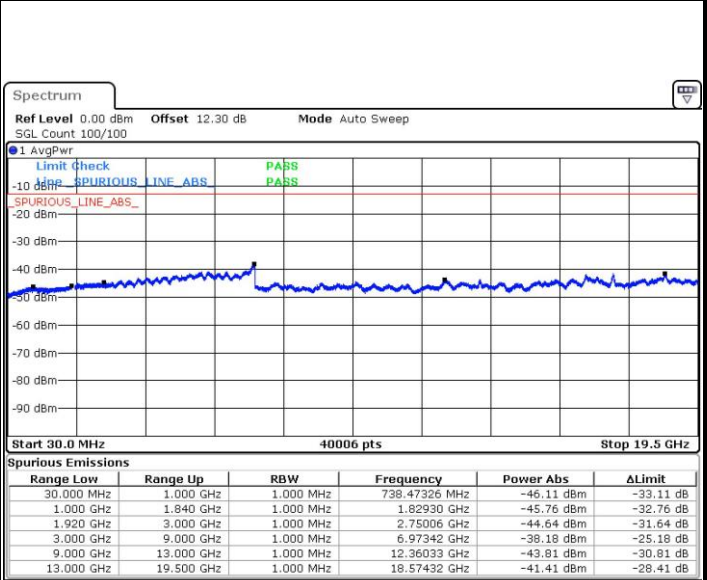
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 6 JUN.2015 09:43:11

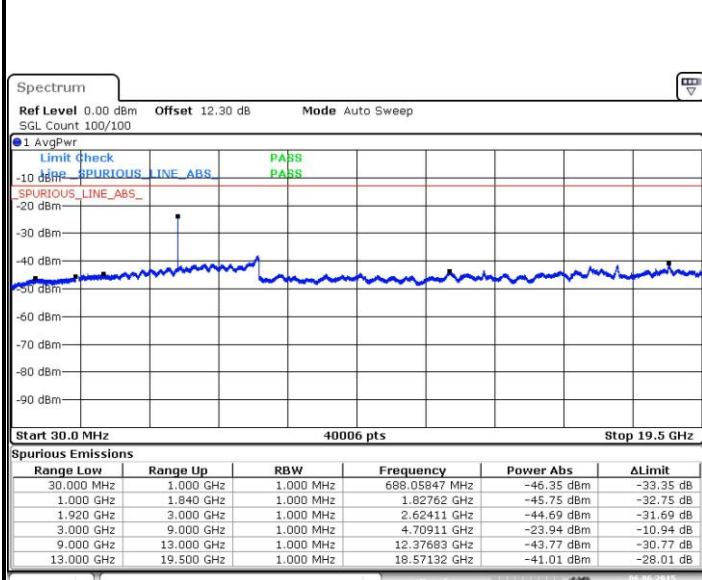
Highest Channel / 16QAM



Date: 6 JUN.2015 09:44:25

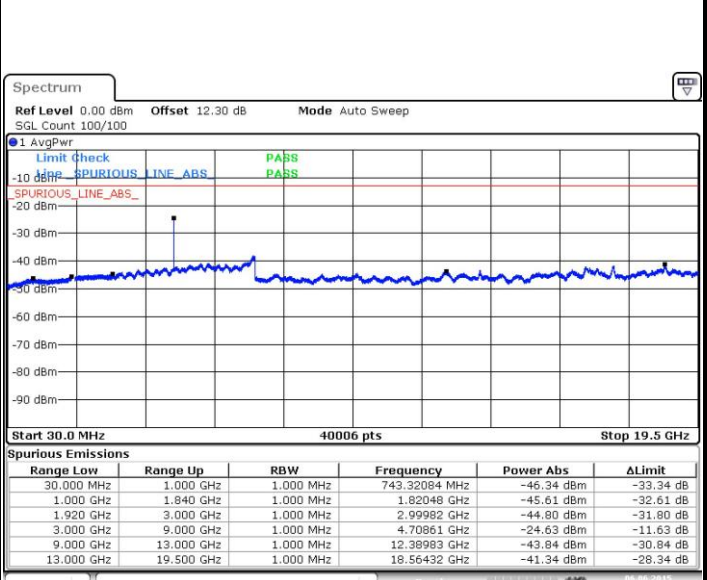
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 6 JUN.2015 09:51:14

Lowest Channel / 16QAM



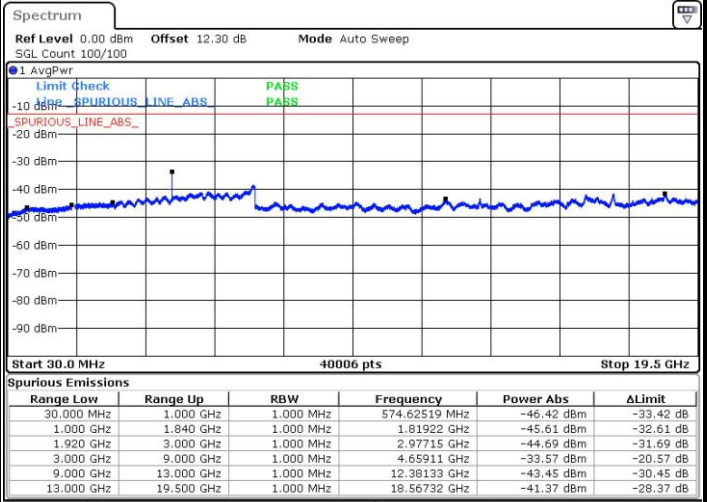
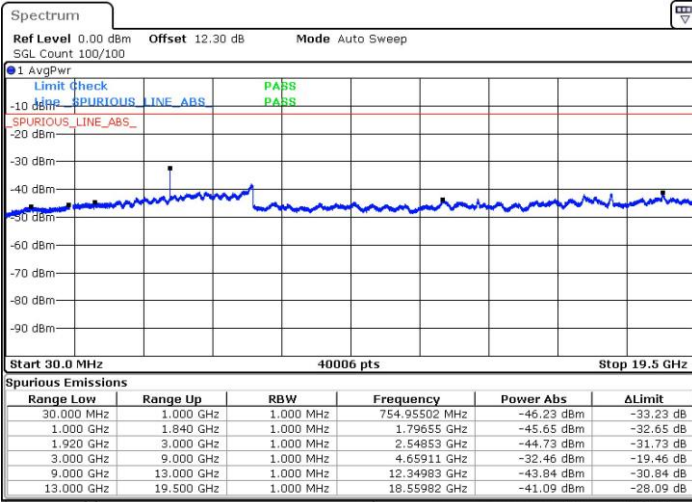
Date: 6 JUN.2015 09:52:28



LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

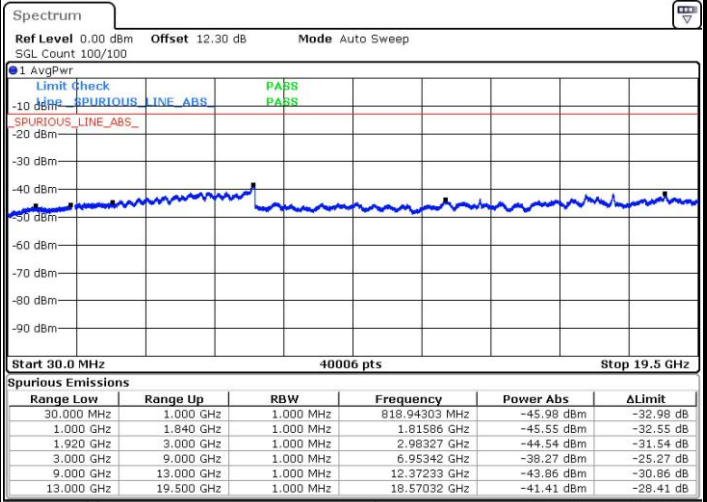
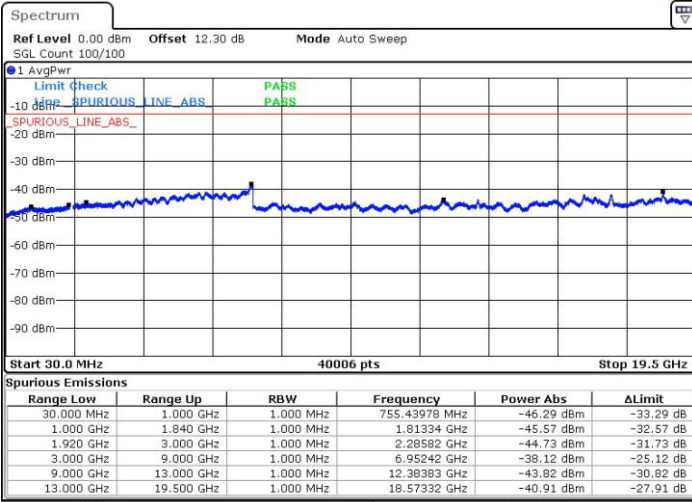


Date: 6 JUN.2015 09:54:33

Date: 6 JUN.2015 09:55:47

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JUN.2015 10:02:33

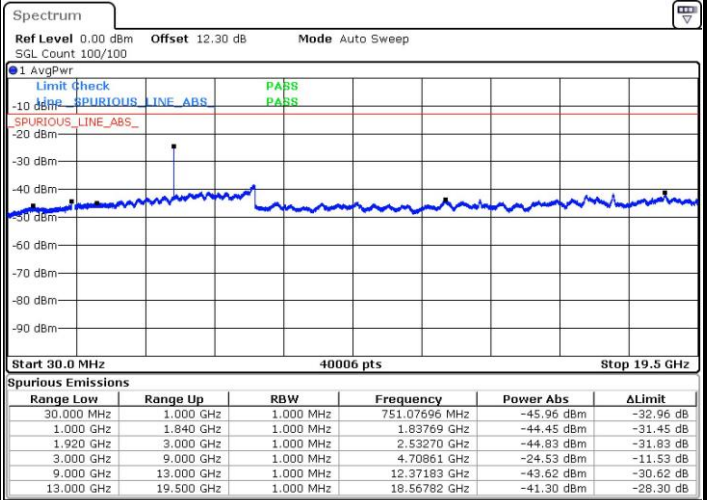
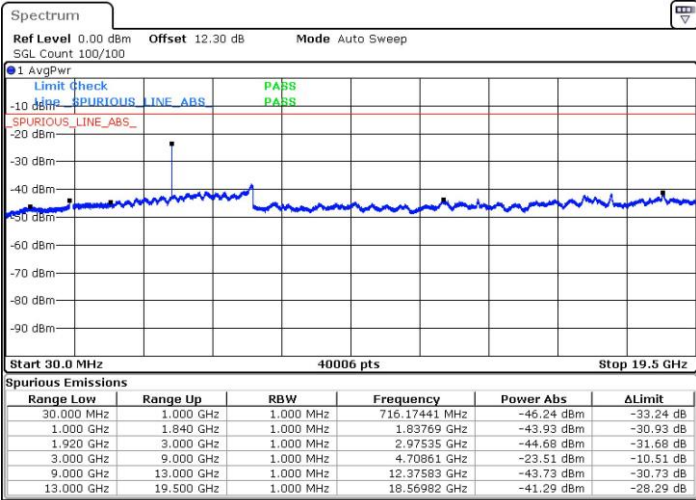
Date: 6 JUN.2015 10:03:47



LTE Band 2 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

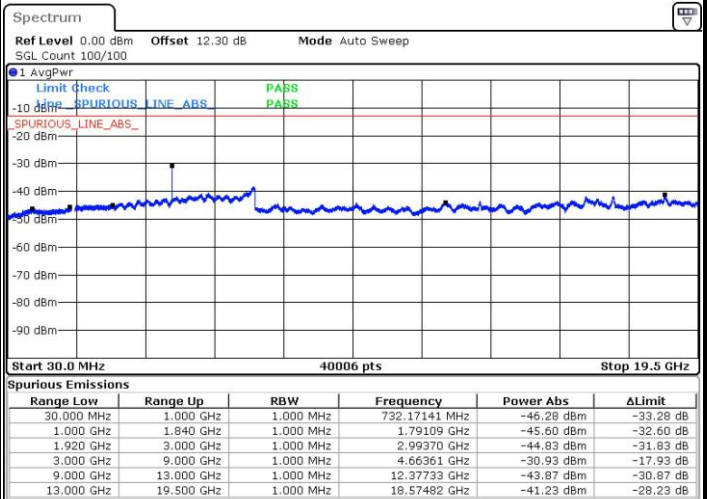
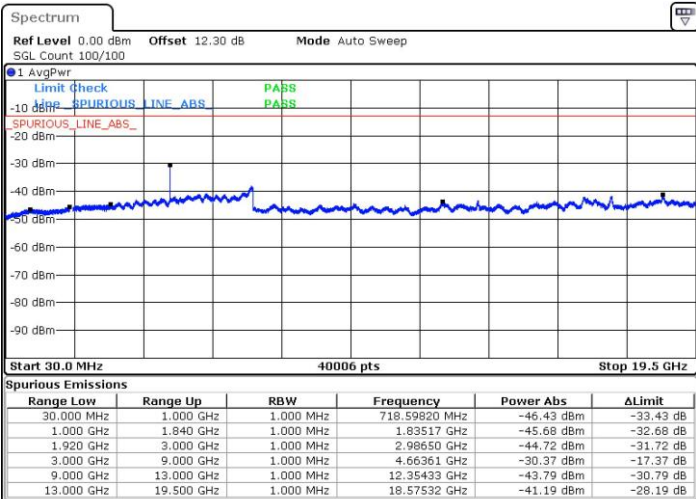


Date: 6 JUN.2015 10:10:37

Date: 6 JUN.2015 10:11:51

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 6 JUN.2015 10:13:56

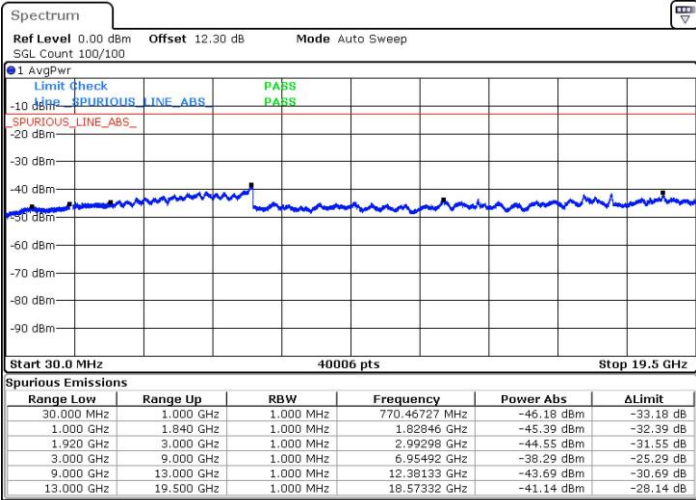
Date: 6 JUN.2015 10:15:10



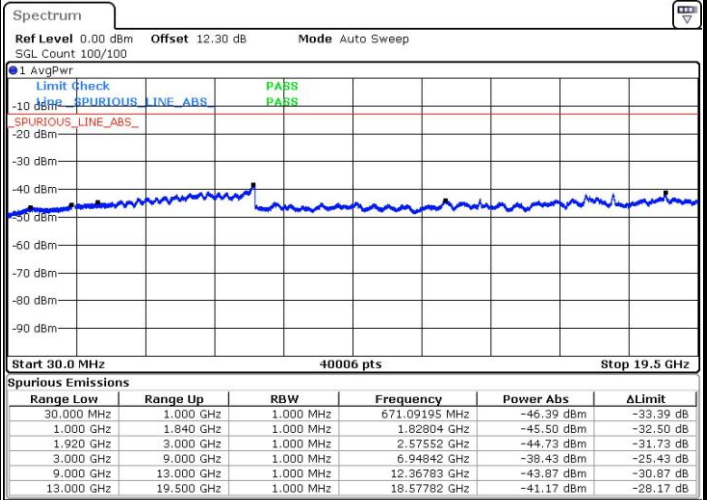
LTE Band 2 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JUN.2015 10:21:56

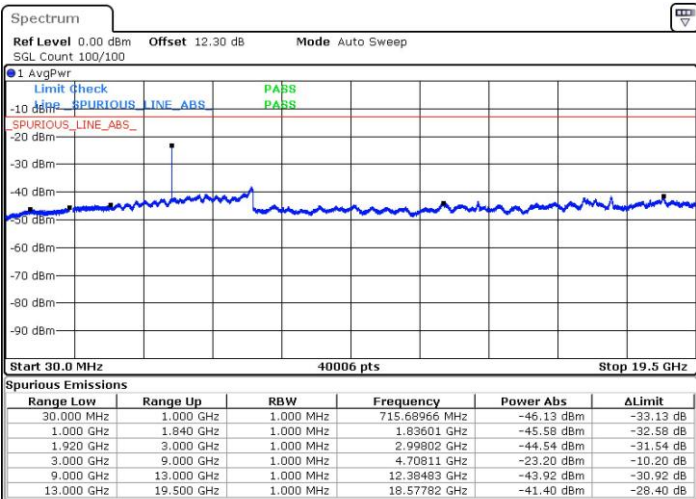


Date: 6 JUN.2015 10:23:09

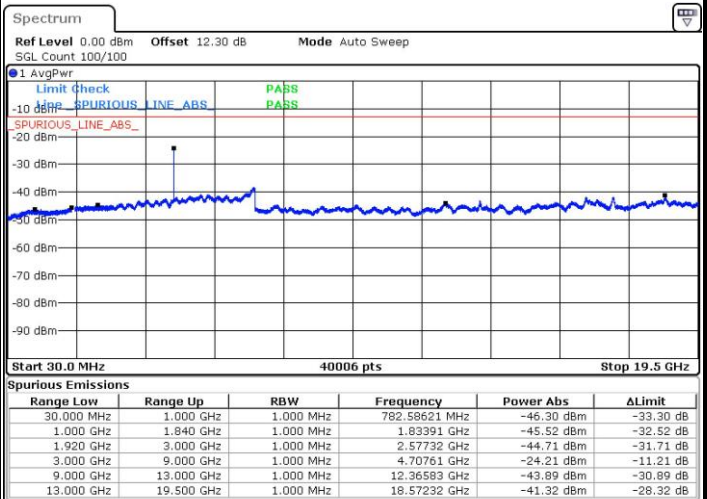
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 6 JUN.2015 10:29:59



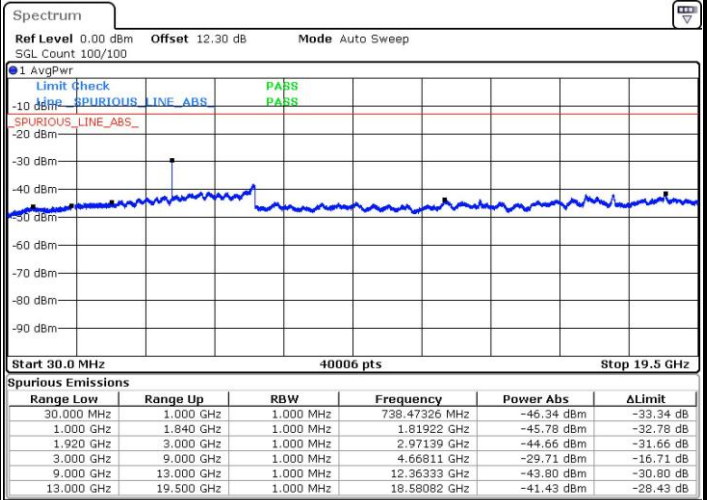
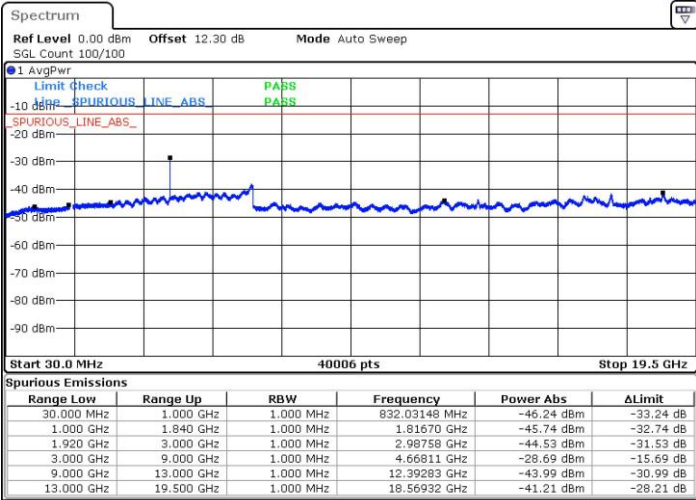
Date: 6 JUN.2015 10:31:13



LTE Band 2 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

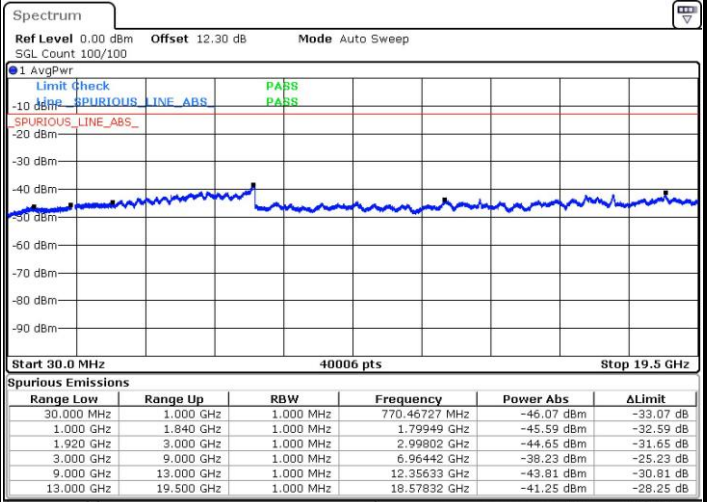
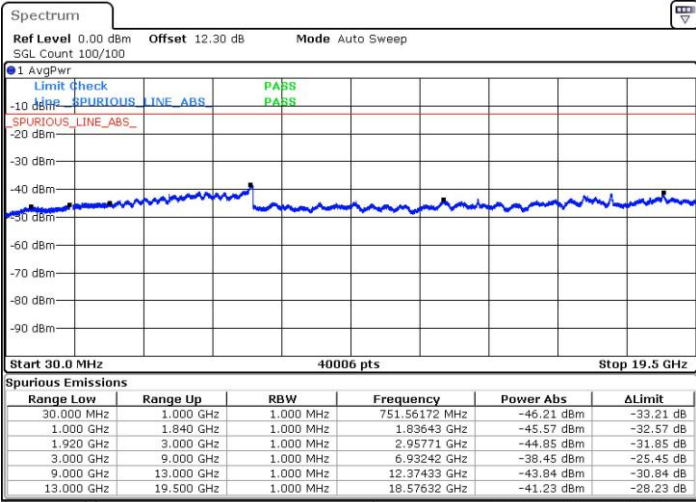


Date: 6 JUN.2015 10:33:18

Date: 6 JUN.2015 10:34:32

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JUN.2015 10:41:17

Date: 6 JUN.2015 10:42:31



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	0.0011	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0055	

Note:

1. Normal Voltage = 3.9 V. ; Battery End Point (BEP) = 3.4 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.



## LTE Band 4

### Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.26	4.93	5.10	5.83	<b>PASS</b>
Middle CH	4.35	4.93	4.93	5.80	
Highest CH	4.35	4.93	4.78	5.80	



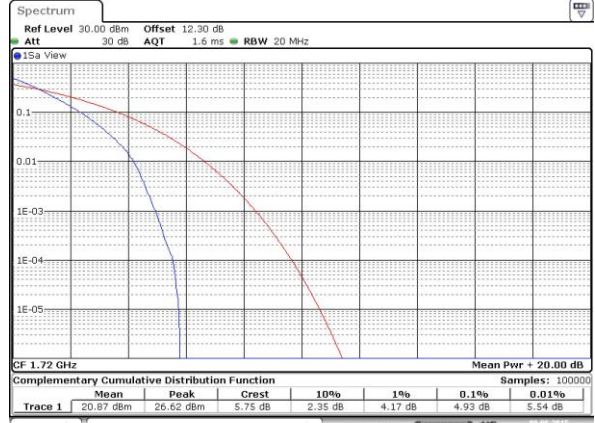
LTE Band 4 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 6 JUN 2015 13:18:37

Lowest Channel / Full RB



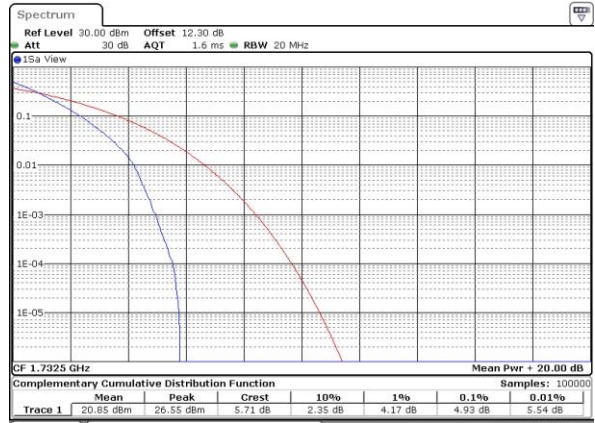
Date: 6 JUN 2015 13:18:48

Middle Channel / 1RB



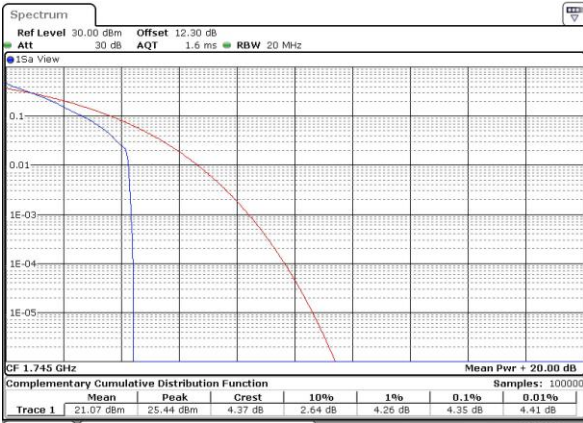
Date: 6 JUN 2015 13:18:59

Middle Channel / Full RB



Date: 6 JUN 2015 13:19:10

Highest Channel / 1RB



Date: 6 JUN 2015 13:19:25

Highest Channel / Full RB

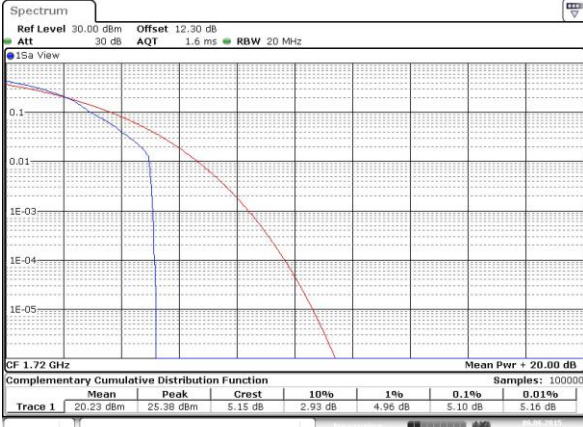


Date: 6 JUN 2015 13:19:36



LTE Band 4 / 20MHz / 16QAM

Lowest Channel / 1RB



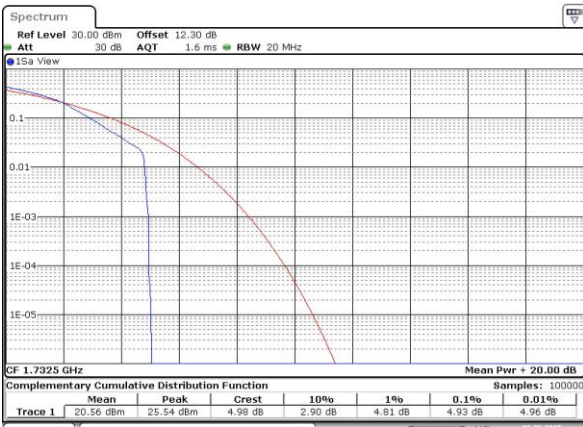
Date: 6 JUN 2015 13:17:10

Lowest Channel / Full RB



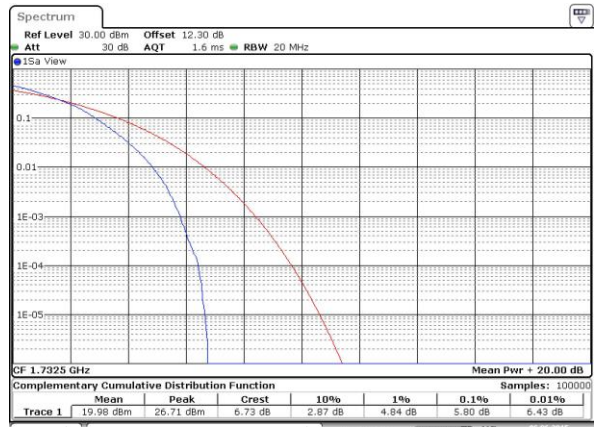
Date: 6 JUN 2015 13:17:24

Middle Channel / 1RB



Date: 6 JUN 2015 13:17:35

Middle Channel / Full RB



Date: 6 JUN 2015 13:17:56

Highest Channel / 1RB



Date: 6 JUN 2015 13:18:07

Highest Channel / Full RB



Date: 6 JUN 2015 13:18:23