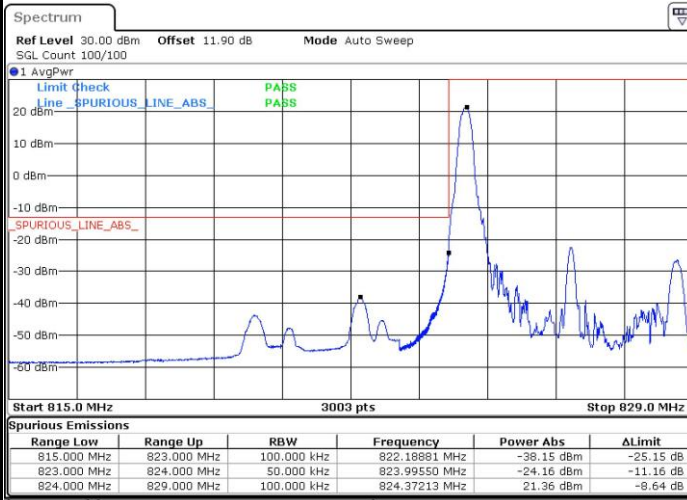




LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 8.JUL.2015 00:11:52

Highest Band Edge / 1 RB



Date: 8.JUL.2015 00:23:14

Lowest Band Edge / Full RB



Date: 8.JUL.2015 00:14:12

Highest Band Edge / Full RB

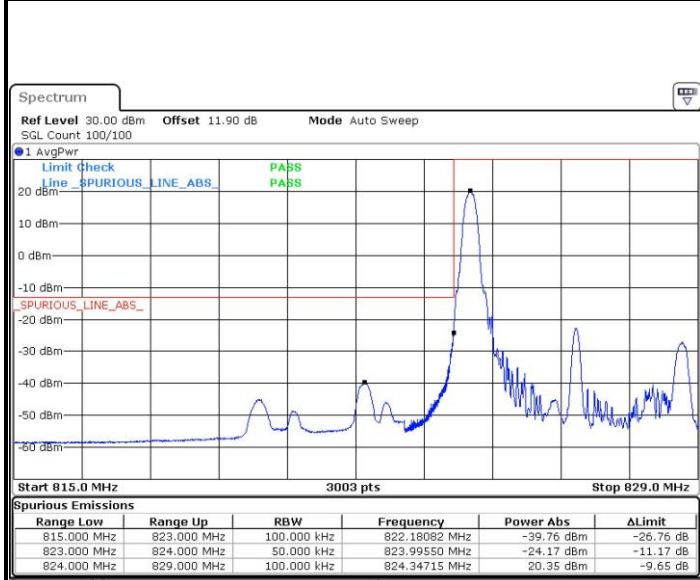


Date: 8.JUL.2015 00:25:35



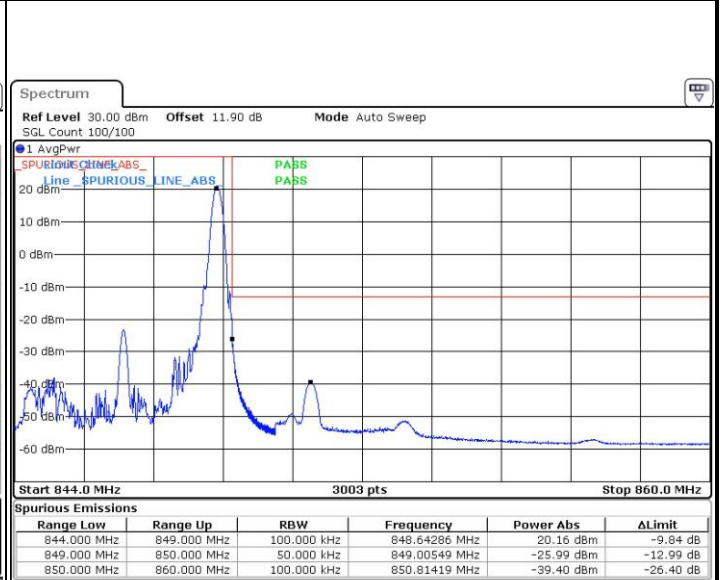
**LTE Band 5 / 5MHz / 16QAM**

**Lowest Band Edge / 1RB**



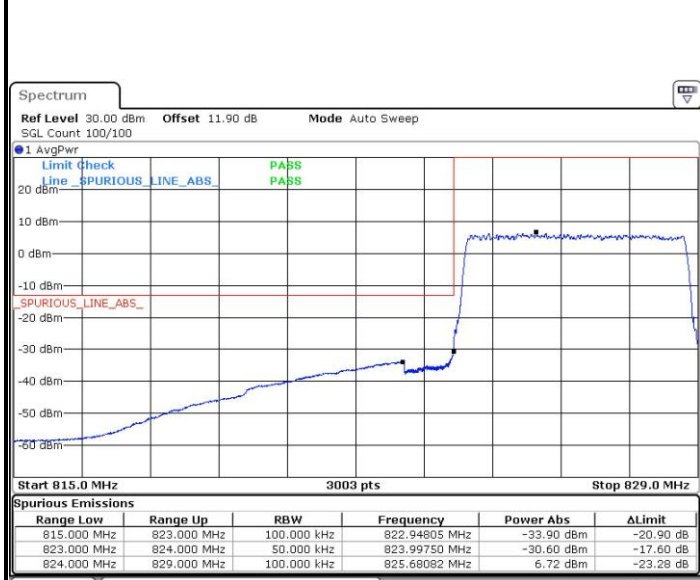
Date: 8.JUL.2015 00:13:02

**Highest Band Edge / 1 RB**



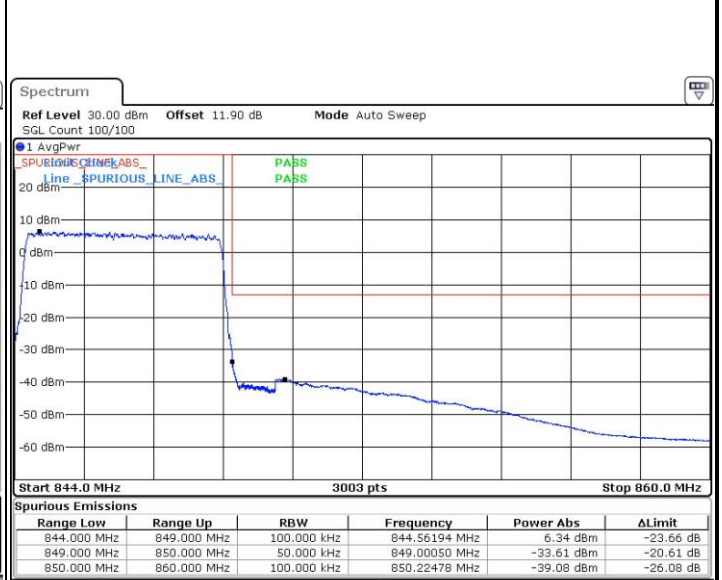
Date: 8.JUL.2015 00:24:24

**Lowest Band Edge / Full RB**



Date: 8.JUL.2015 00:15:22

**Highest Band Edge / Full RB**



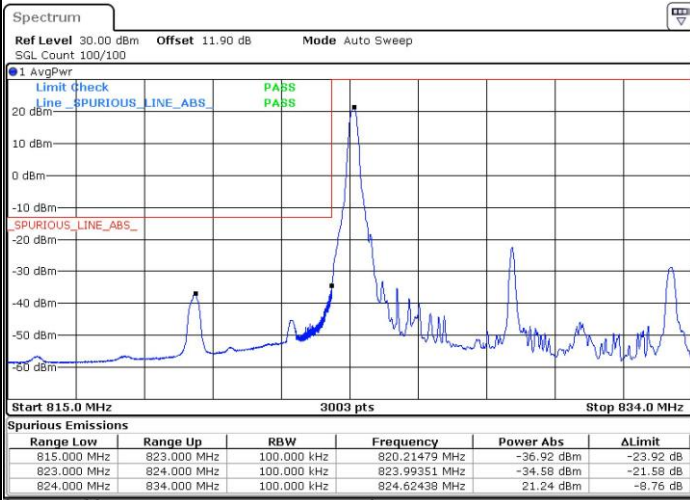
Date: 8.JUL.2015 00:26:45



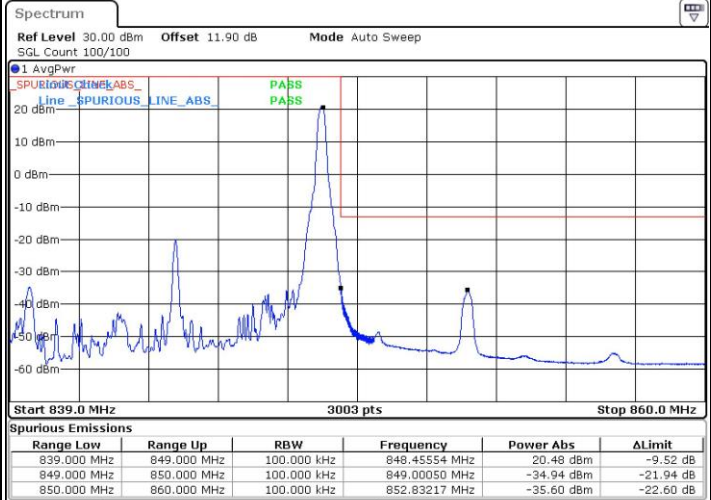
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



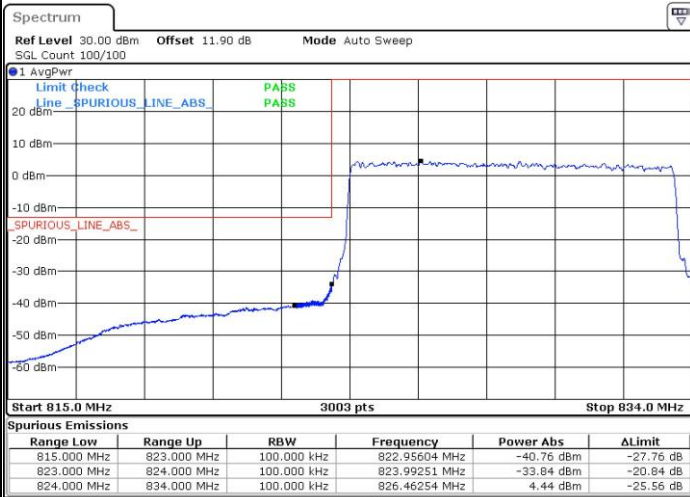
Date: 8.JUL.2015 00:31:16



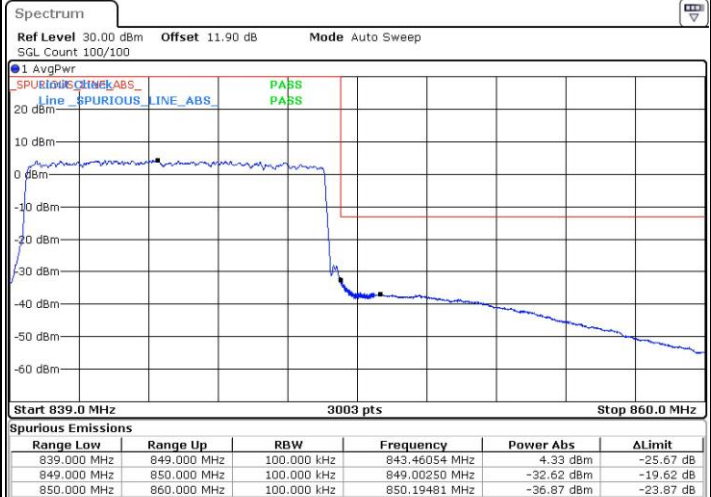
Date: 8.JUL.2015 00:42:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.JUL.2015 00:33:36

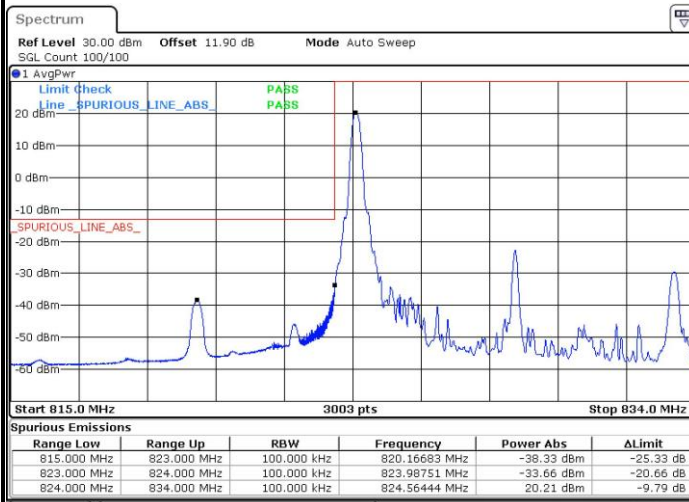


Date: 8.JUL.2015 00:44:59



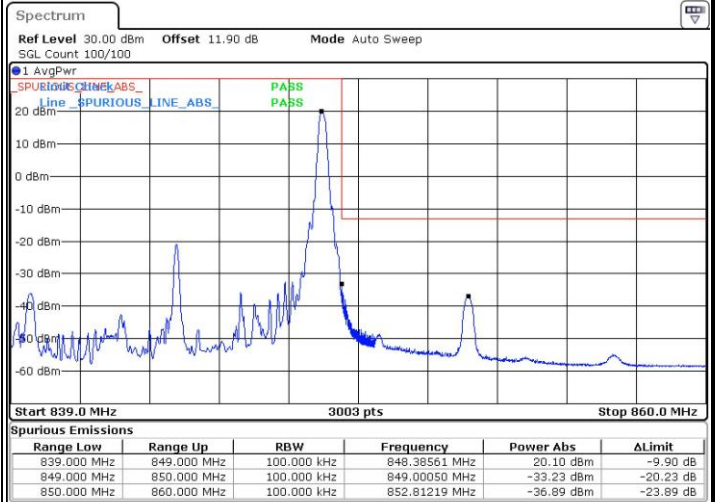
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



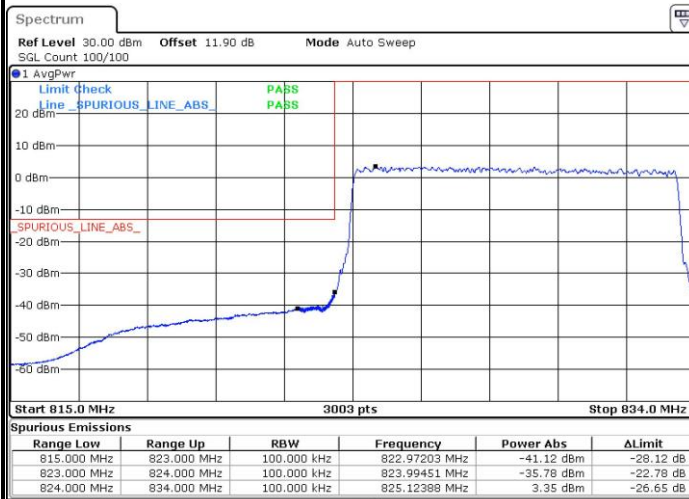
Date: 8.JUL.2015 00:32:26

Highest Band Edge / 1 RB



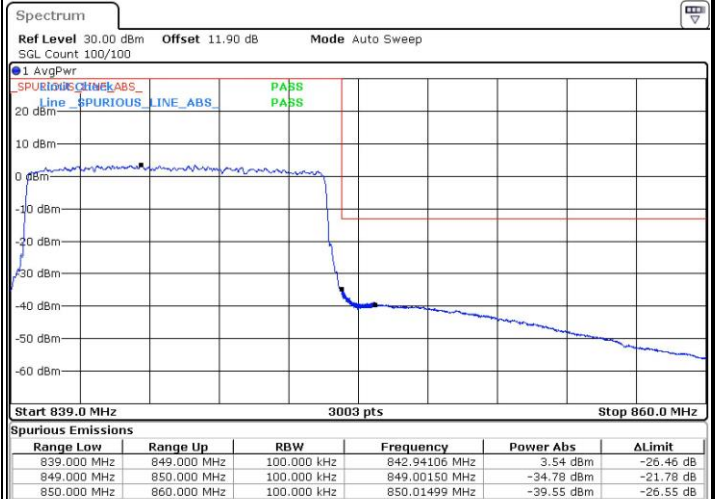
Date: 8.JUL.2015 00:43:48

Lowest Band Edge / Full RB



Date: 8.JUL.2015 00:34:46

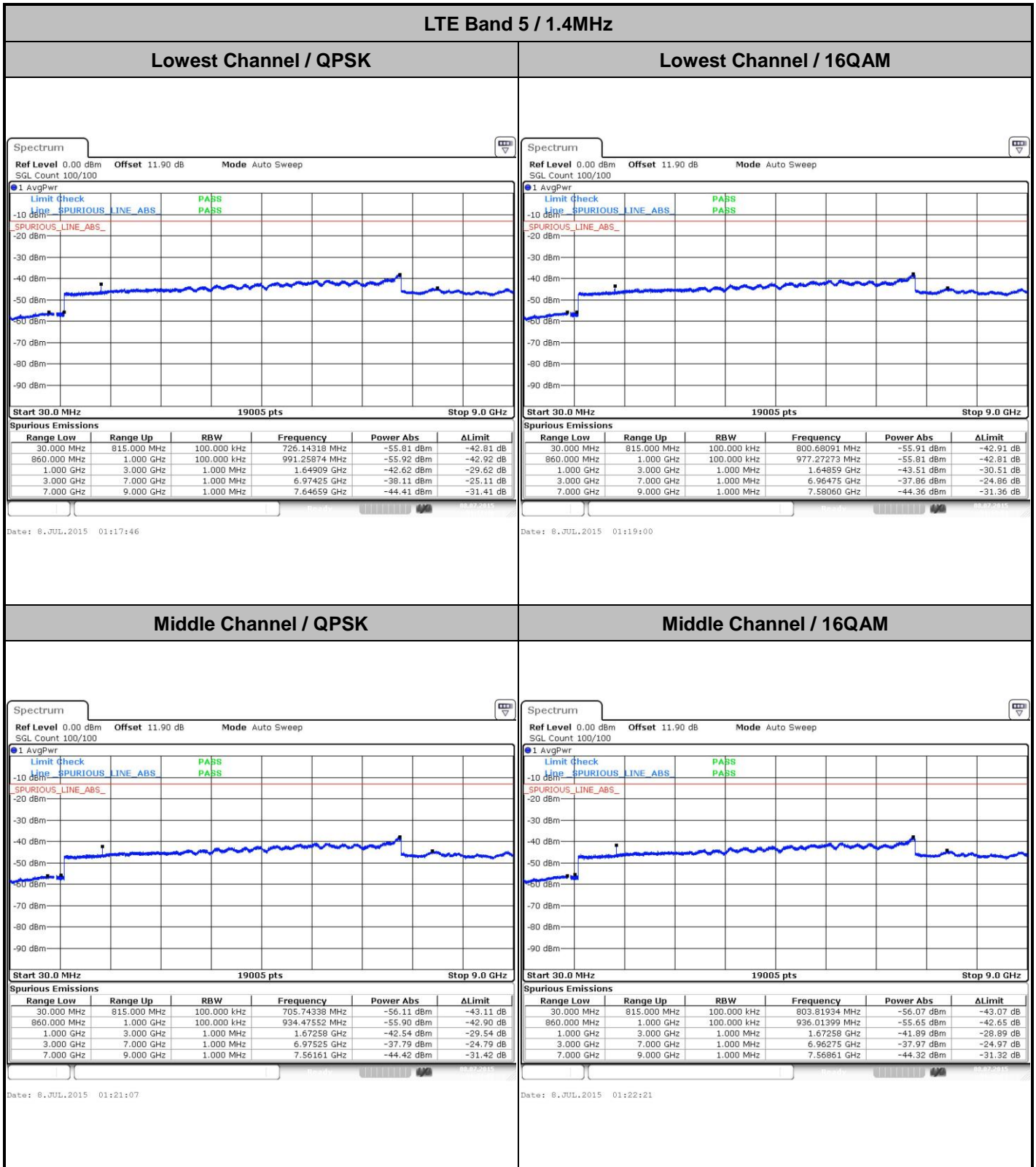
Highest Band Edge / Full RB



Date: 8.JUL.2015 00:46:09



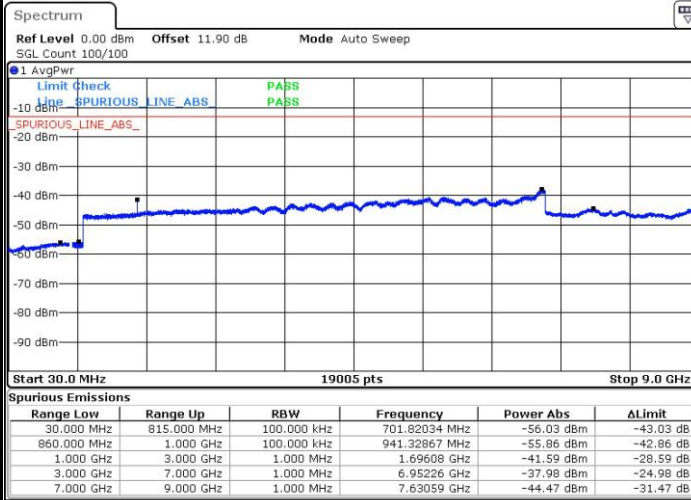
# Conducted Spurious Emission





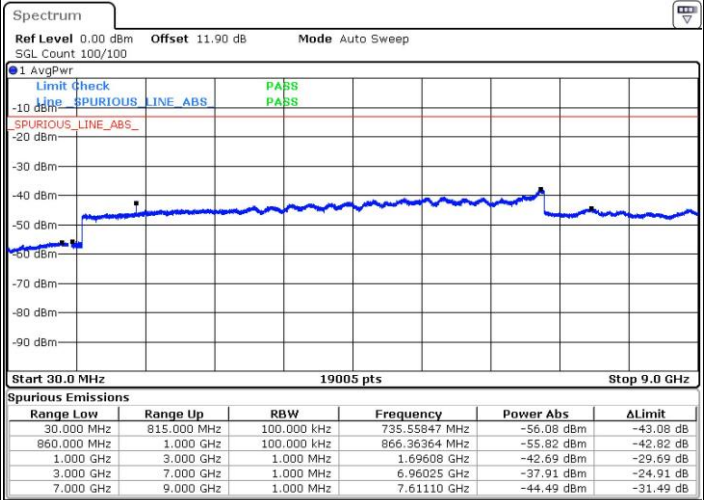
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 8.JUL.2015 01:36:25

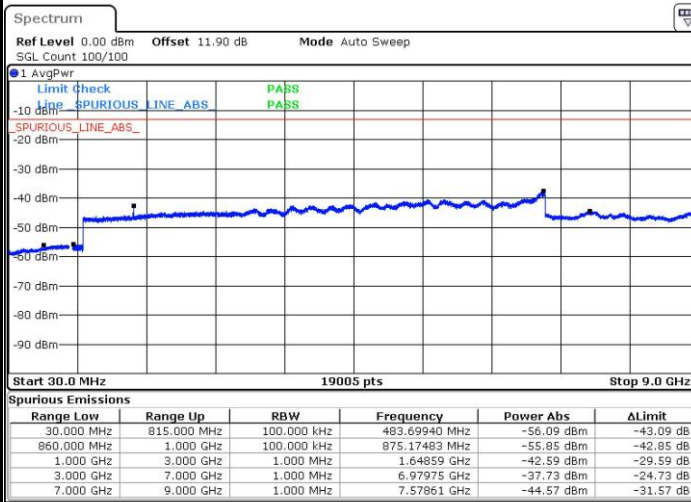
Highest Channel / 16QAM



Date: 8.JUL.2015 01:37:39

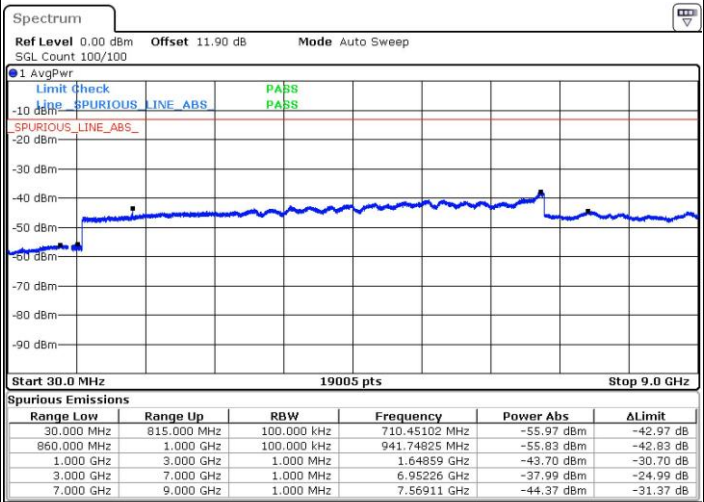
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 7.JUL.2015 23:57:11

Lowest Channel / 16QAM



Date: 7.JUL.2015 23:58:25



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

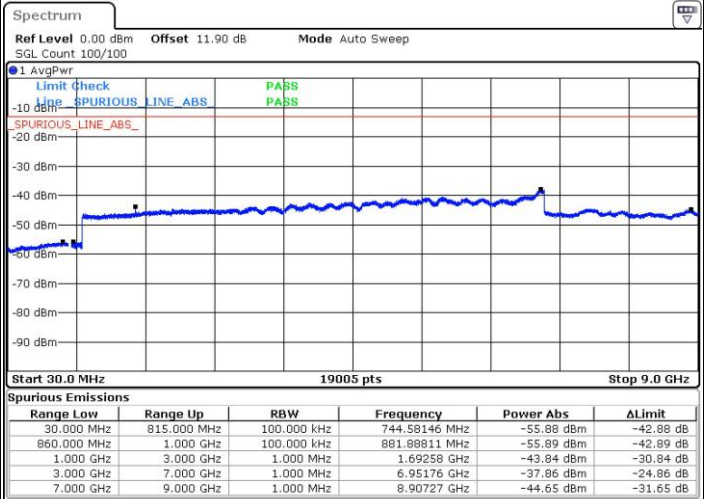
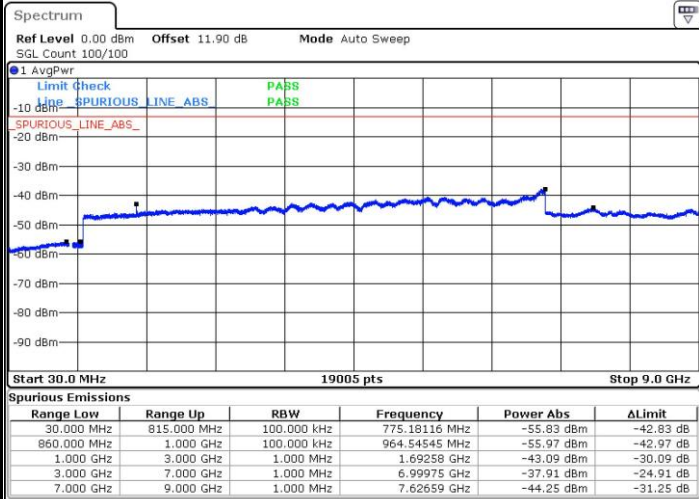


Date: 8.JUL.2015 00:00:32

Date: 8.JUL.2015 00:01:46

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.JUL.2015 00:08:34

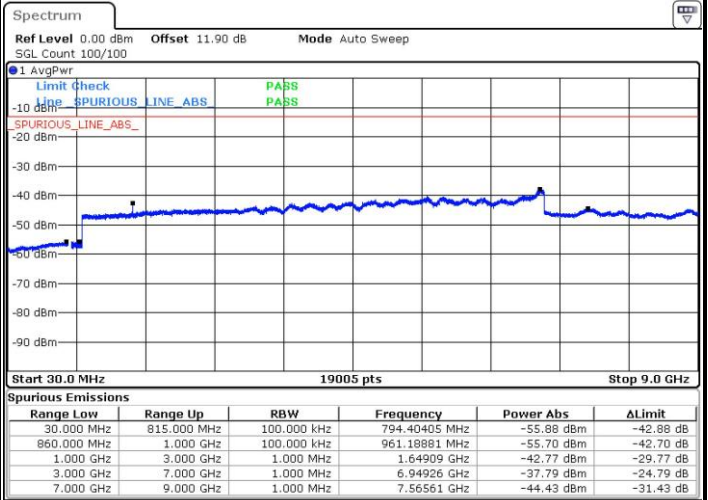
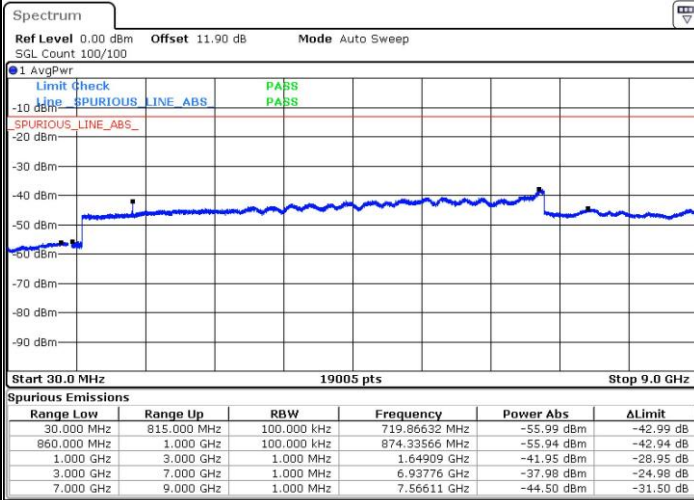
Date: 8.JUL.2015 00:09:48



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

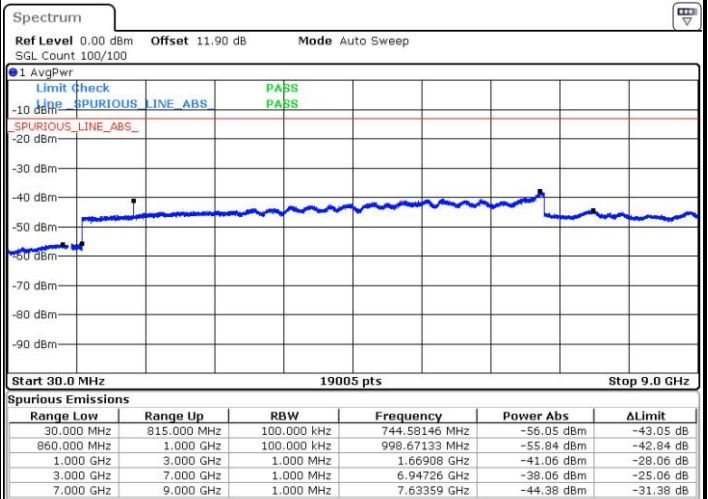
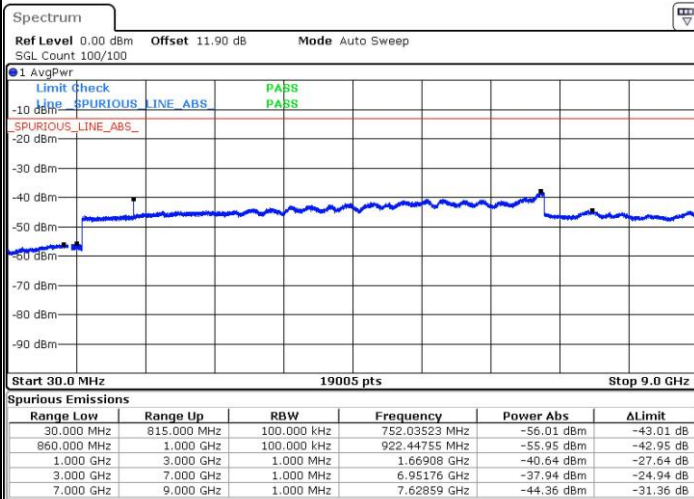


Date: 8.JUL.2015 00:16:36

Date: 8.JUL.2015 00:17:50

Middle Channel / QPSK

Middle Channel / 16QAM



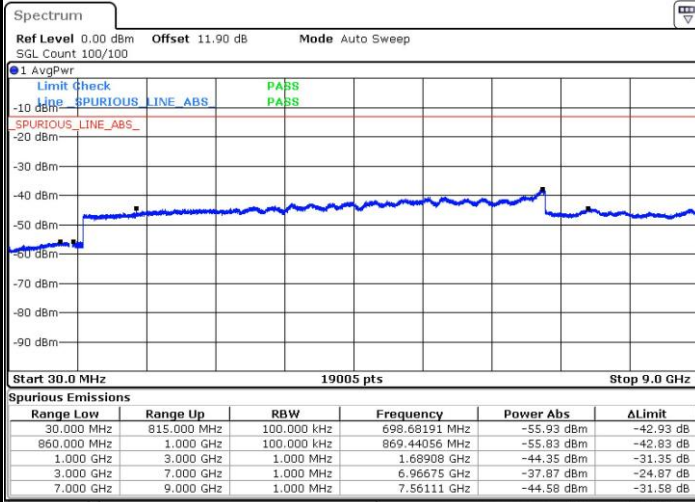
Date: 8.JUL.2015 00:19:56

Date: 8.JUL.2015 00:21:11



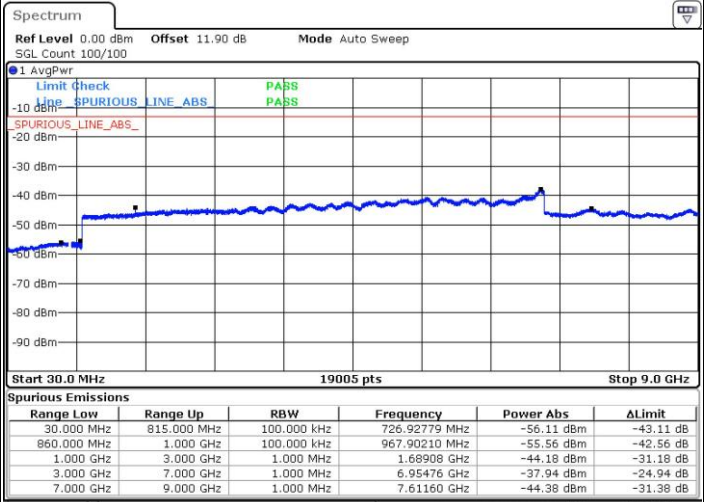
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 8.JUL.2015 00:27:58

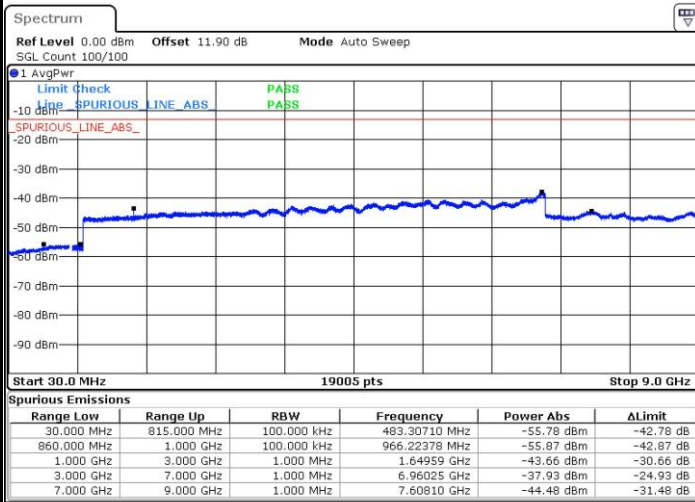
Highest Channel / 16QAM



Date: 8.JUL.2015 00:29:13

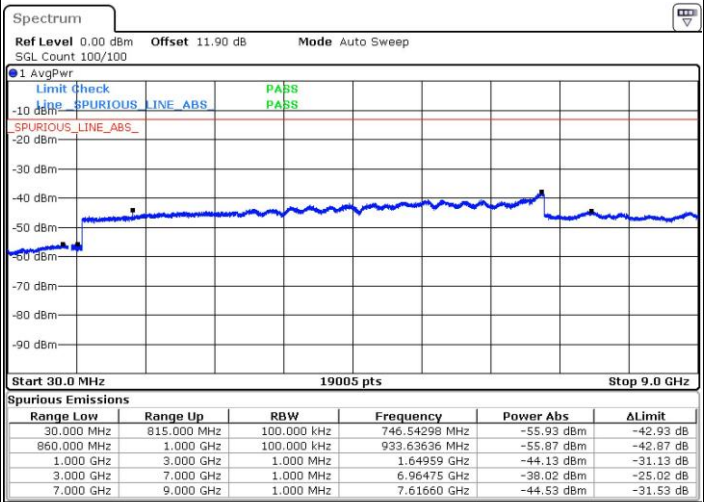
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 8.JUL.2015 00:36:00

Lowest Channel / 16QAM

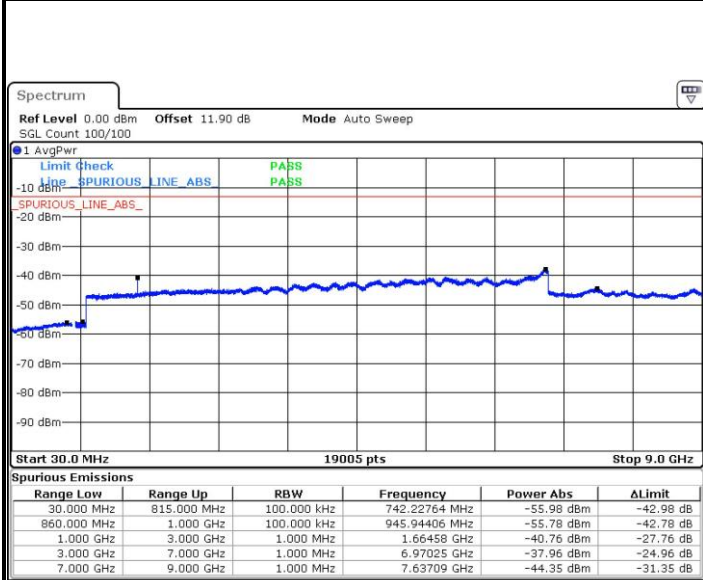


Date: 8.JUL.2015 00:37:14



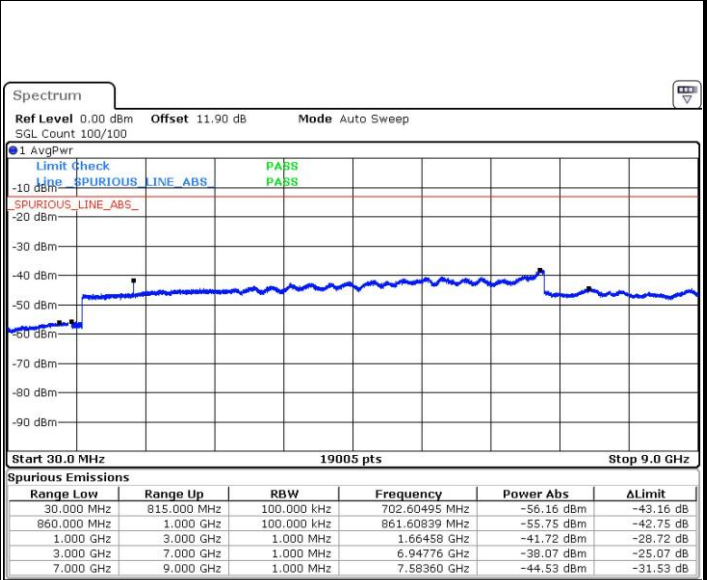
LTE Band 5 / 10MHz

Middle Channel / QPSK



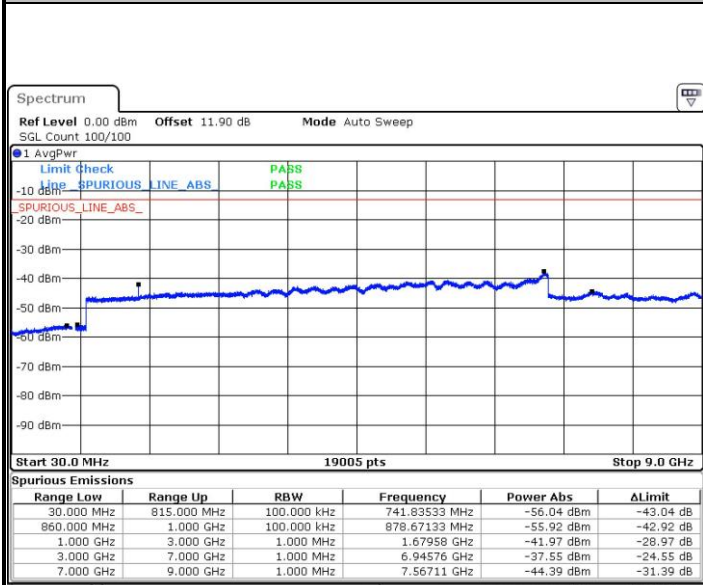
Date: 8.JUL.2015 00:39:20

Middle Channel / 16QAM



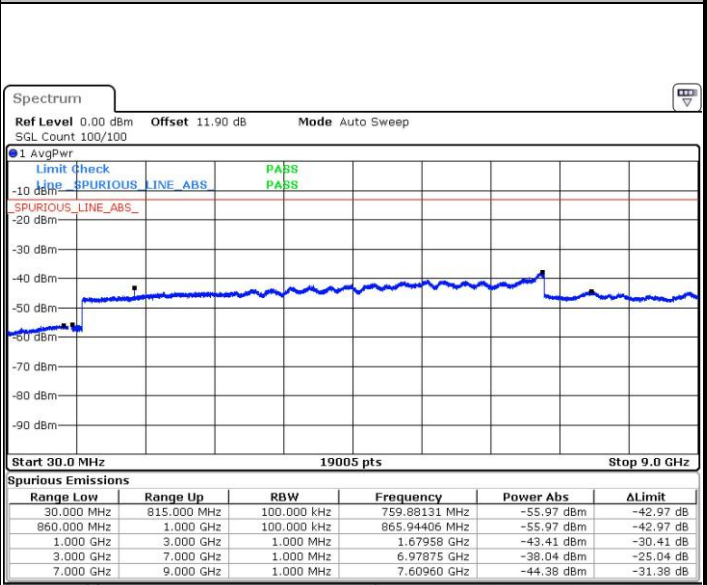
Date: 8.JUL.2015 00:40:34

Highest Channel / QPSK



Date: 8.JUL.2015 00:47:22

Highest Channel / 16QAM



Date: 8.JUL.2015 00:48:36



**Frequency Stability**

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0072	
30	Normal Voltage	0.0068	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0074	
-10	Normal Voltage	0.0068	
-20	Normal Voltage	0.0061	
-30	Normal Voltage	0.0085	
20	Maximum Voltage	0.0077	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0078	

**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 7

### Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4	4.78	4.52	5.83	<b>PASS</b>
Middle CH	4.38	4.99	4.99	5.97	
Highest CH	4.35	4.9	5.16	5.91	



LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 8 JUL 2015 15:33:48

Lowest Channel / Full RB



Date: 8 JUL 2015 15:34:00

Middle Channel / 1RB



Date: 8 JUL 2015 15:34:23

Middle Channel / Full RB



Date: 8 JUL 2015 15:34:59

Highest Channel / 1RB



Date: 8 JUL 2015 15:35:29

Highest Channel / Full RB

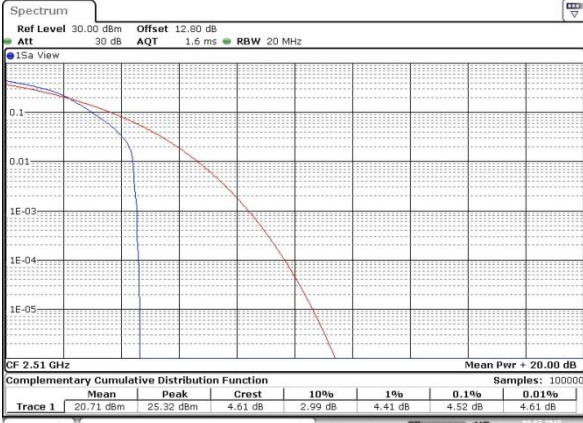


Date: 8 JUL 2015 15:36:01



LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 8 JUL 2015 15:32:14

Lowest Channel / Full RB



Date: 8 JUL 2015 15:32:27

Middle Channel / 1RB



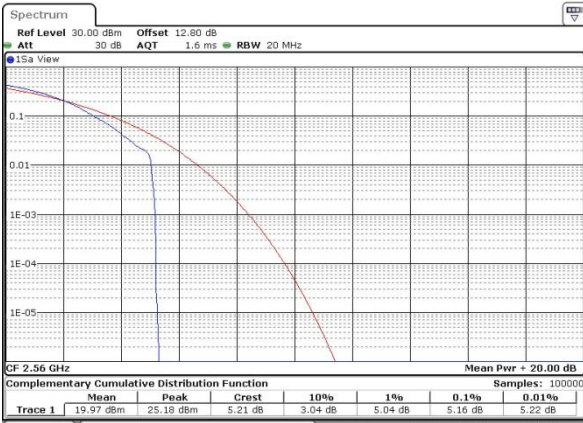
Date: 8 JUL 2015 15:32:38

Middle Channel / Full RB



Date: 8 JUL 2015 15:32:56

Highest Channel / 1RB



Date: 8 JUL 2015 15:33:08

Highest Channel / Full RB



Date: 8 JUL 2015 15:33:34