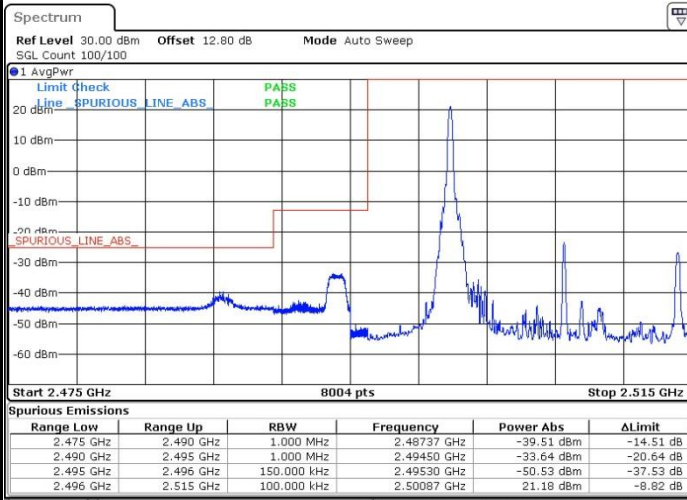




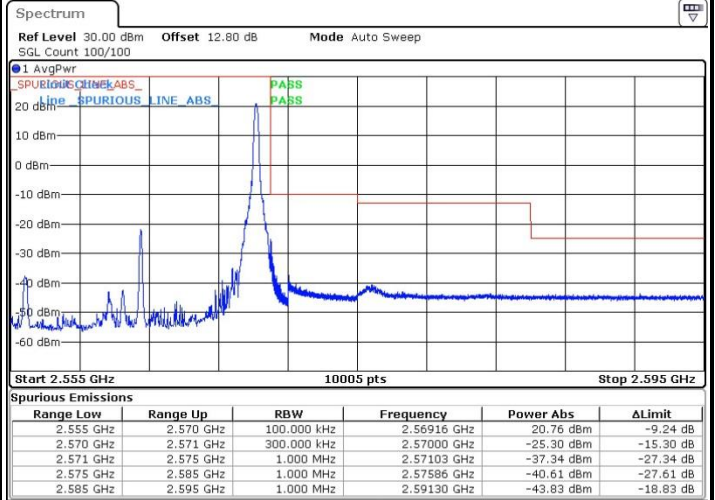
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



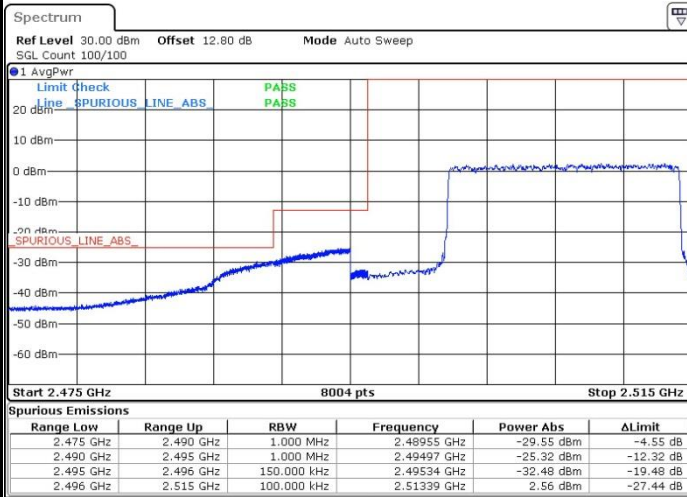
Date: 8.JUL.2015 14:56:48

Highest Band Edge / 1 RB



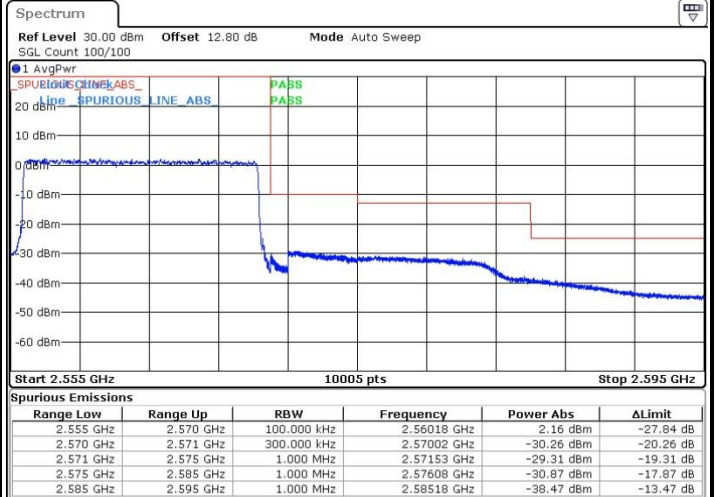
Date: 8.JUL.2015 15:06:45

Lowest Band Edge / Full RB



Date: 8.JUL.2015 14:59:08

Highest Band Edge / Full RB

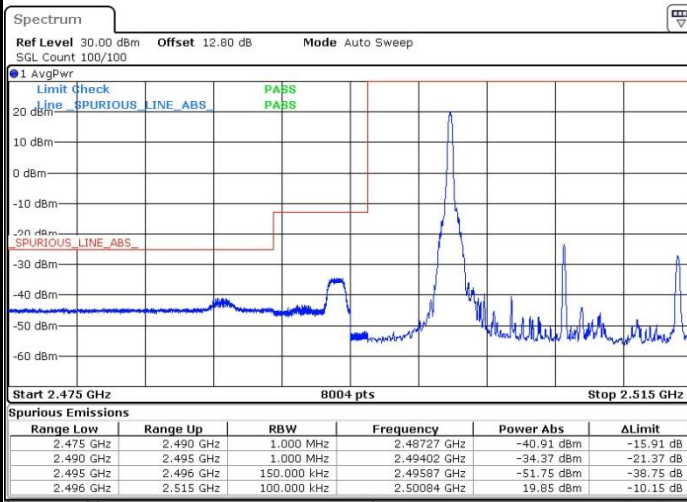


Date: 8.JUL.2015 15:09:05



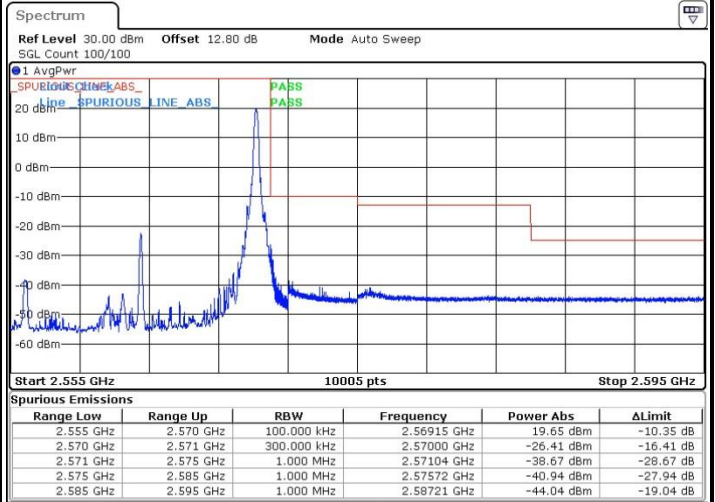
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



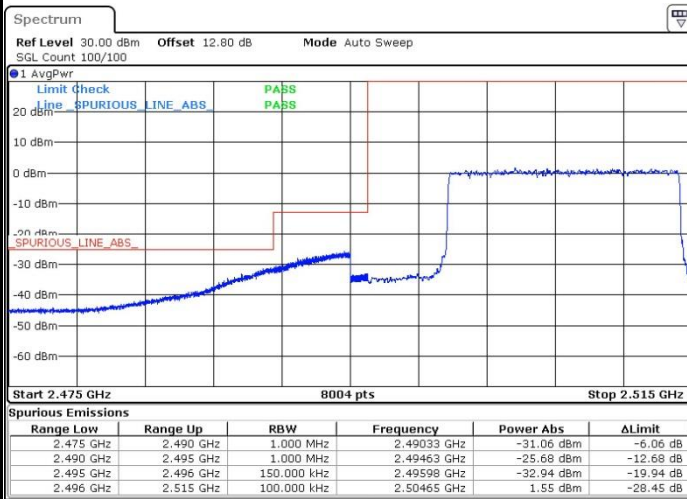
Date: 8.JUL.2015 14:57:58

Highest Band Edge / 1 RB



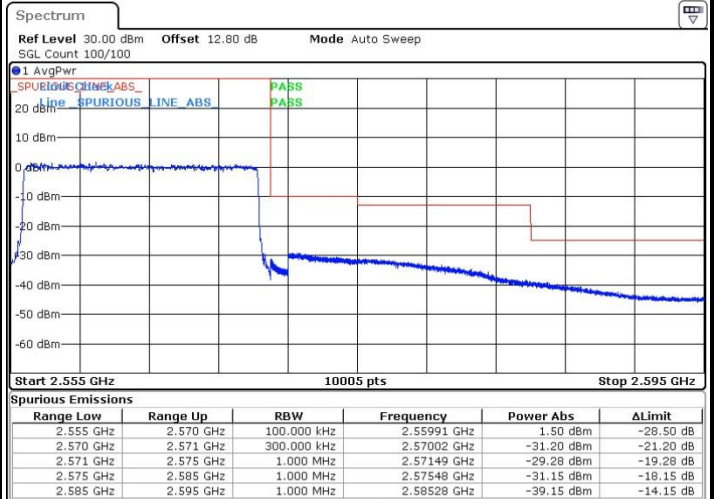
Date: 8.JUL.2015 15:07:55

Lowest Band Edge / Full RB



Date: 8.JUL.2015 15:00:18

Highest Band Edge / Full RB

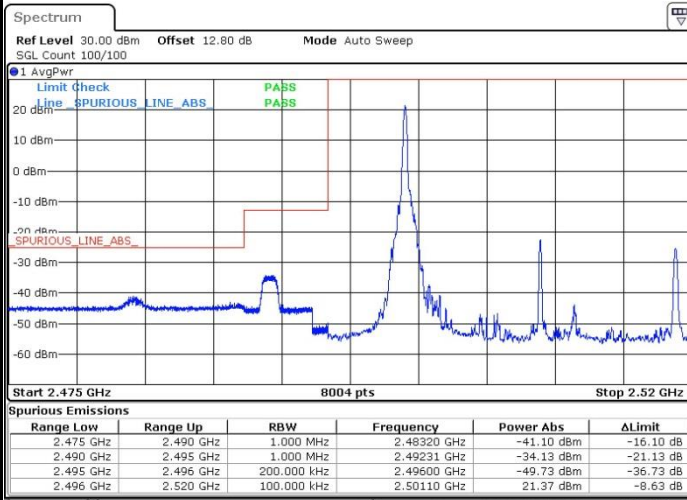


Date: 8.JUL.2015 15:10:15



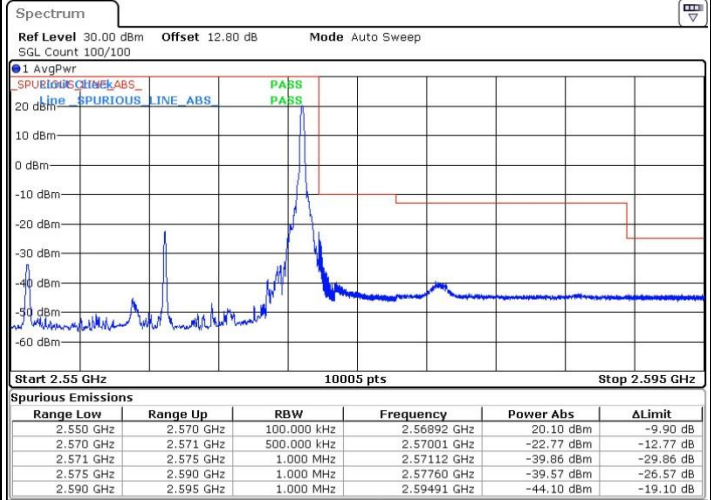
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



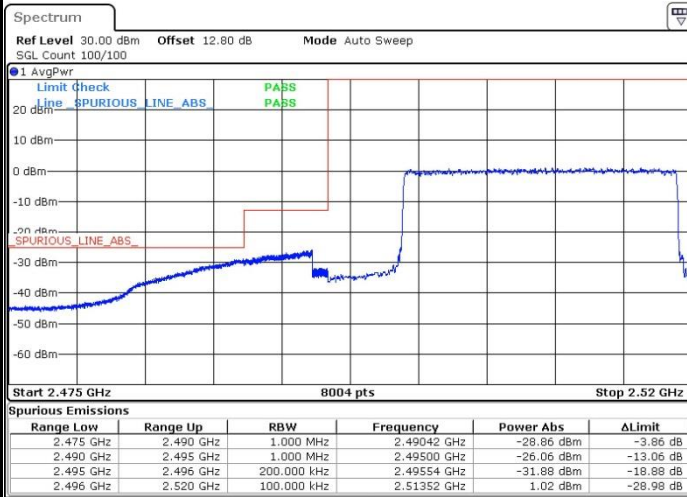
Date: 8.JUL.2015 15:14:02

Highest Band Edge / 1 RB



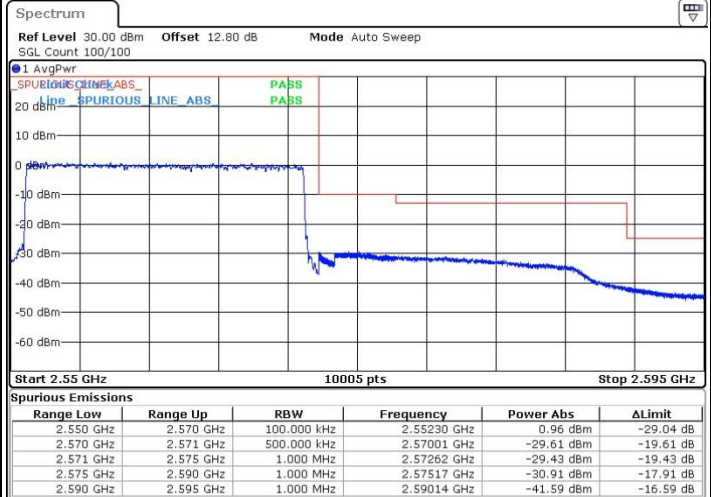
Date: 8.JUL.2015 15:23:56

Lowest Band Edge / Full RB



Date: 8.JUL.2015 15:16:21

Highest Band Edge / Full RB

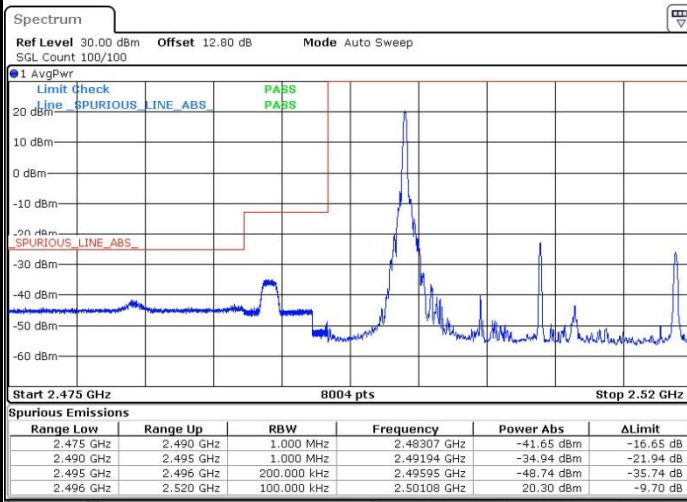


Date: 8.JUL.2015 15:27:26



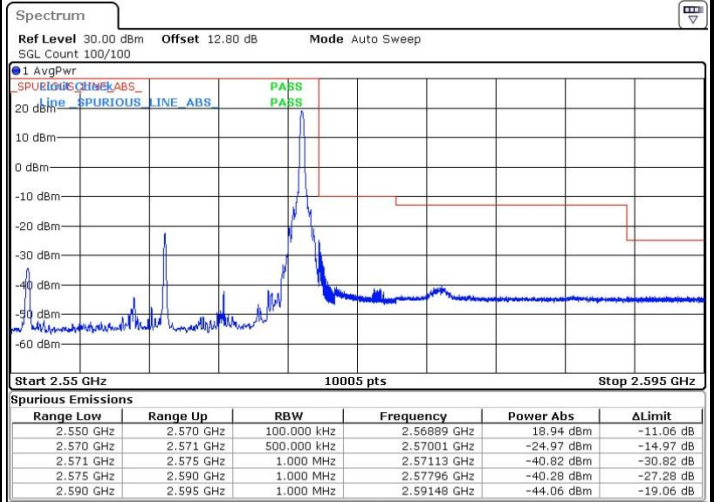
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



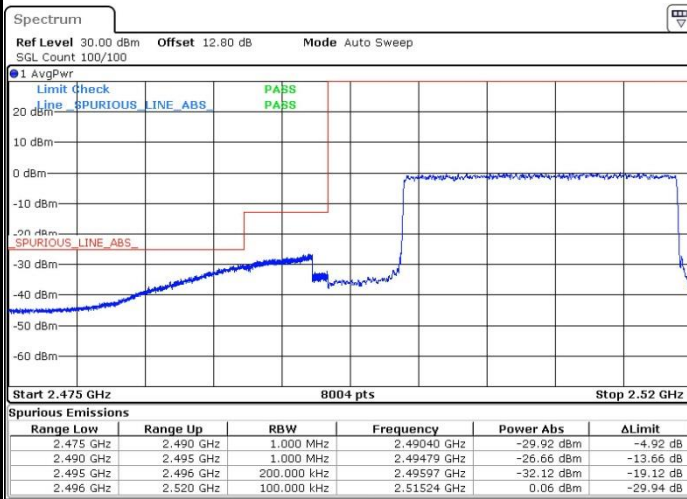
Date: 8.JUL.2015 15:15:11

Highest Band Edge / 1RB



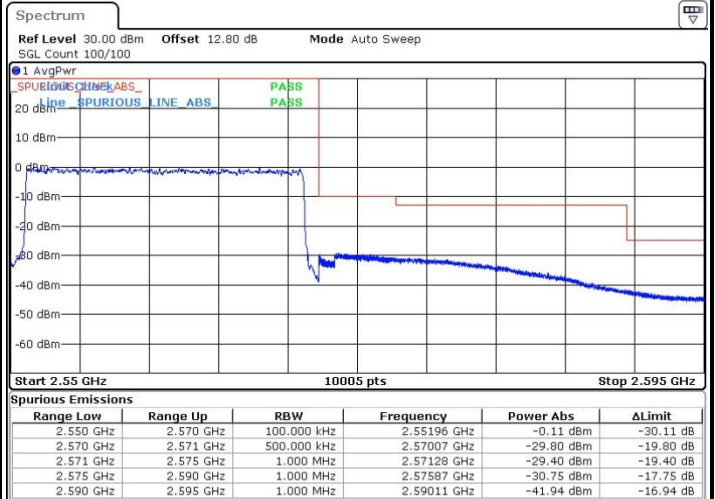
Date: 8.JUL.2015 15:25:06

Lowest Band Edge / Full RB



Date: 8.JUL.2015 15:17:31

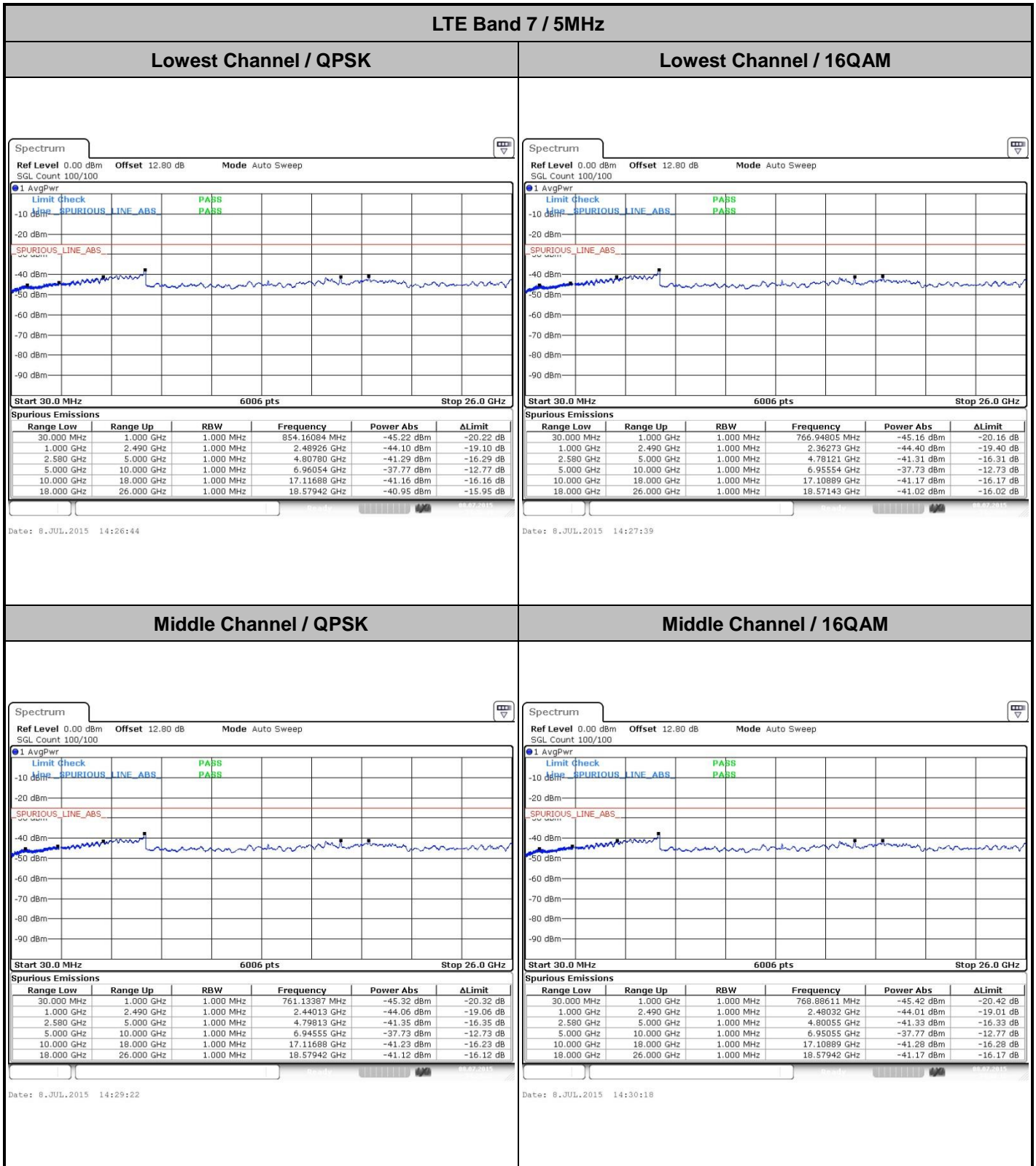
Highest Band Edge / Full RB



Date: 8.JUL.2015 15:26:16



Conducted Spurious Emission

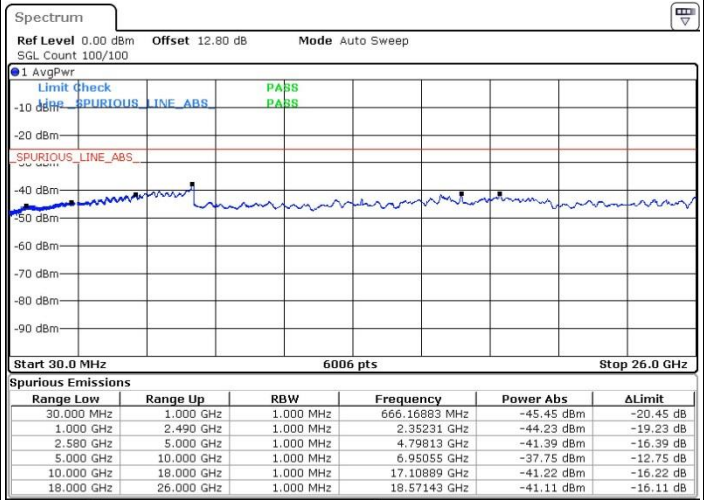
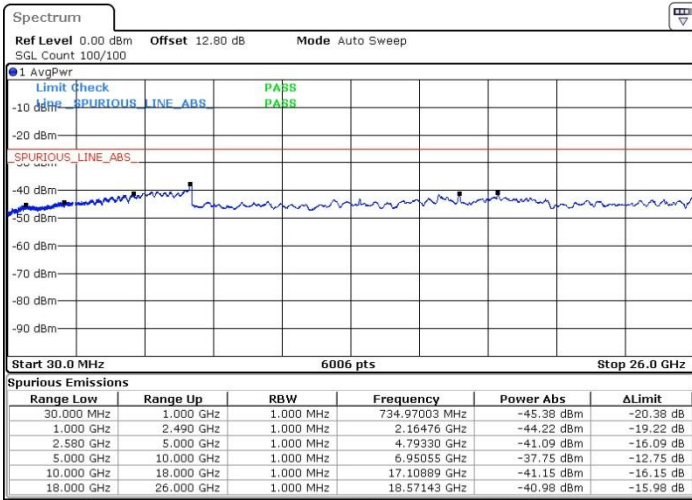




LTE Band 7 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



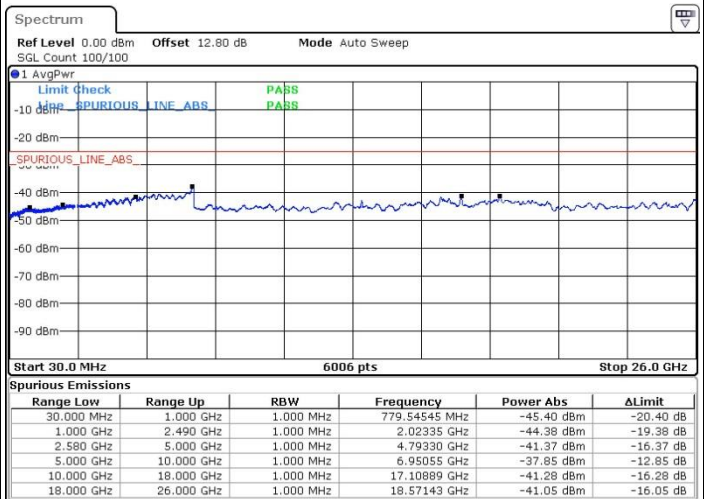
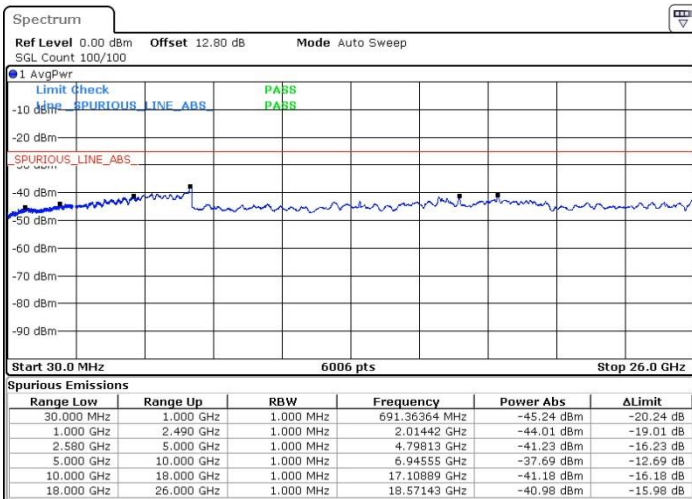
Date: 8.JUL.2015 14:36:41

Date: 8.JUL.2015 14:37:36

LTE Band 7 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 8.JUL.2015 14:43:58

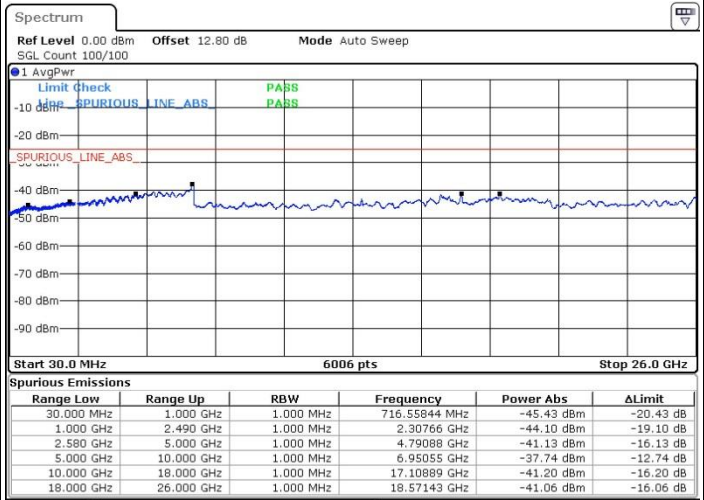
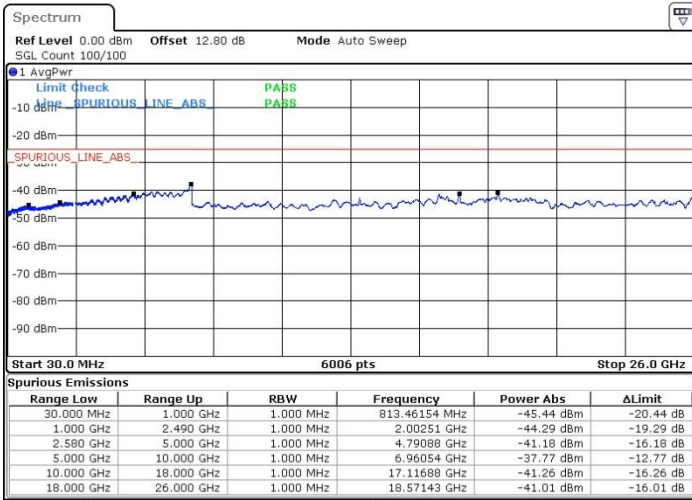
Date: 8.JUL.2015 14:44:54



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

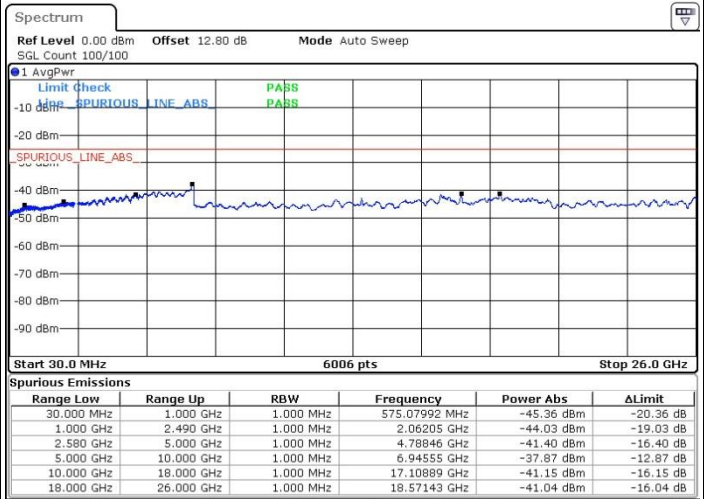
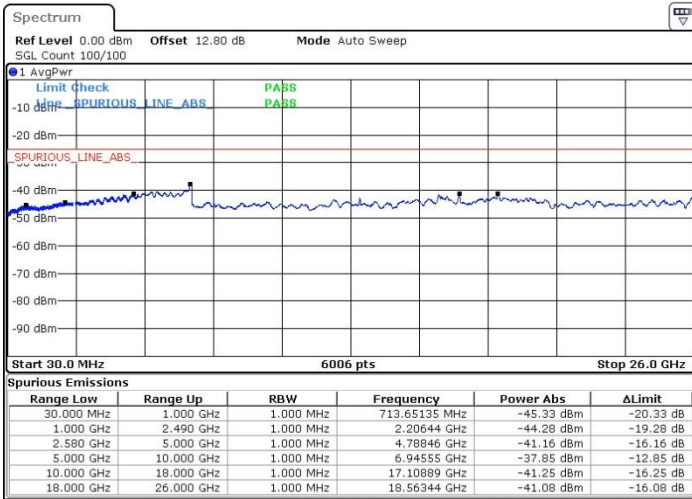


Date: 8.JUL.2015 14:46:37

Date: 8.JUL.2015 14:47:33

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.JUL.2015 14:53:56

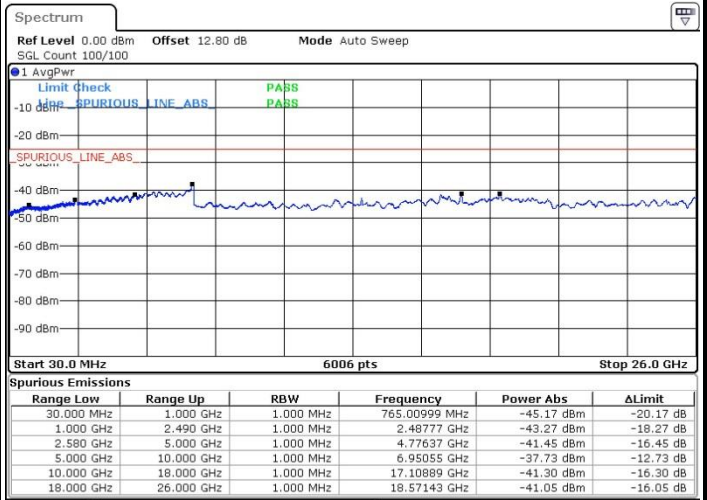
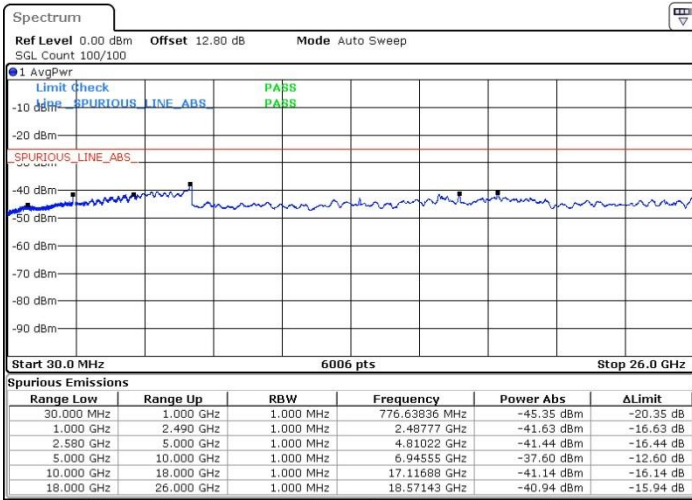
Date: 8.JUL.2015 14:54:51



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

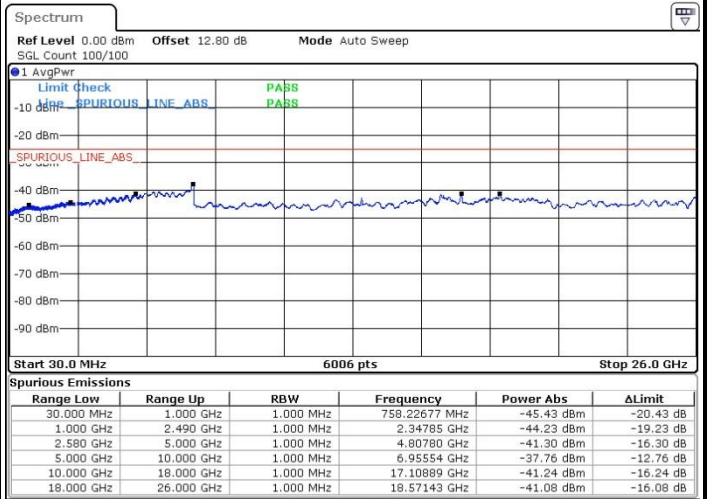
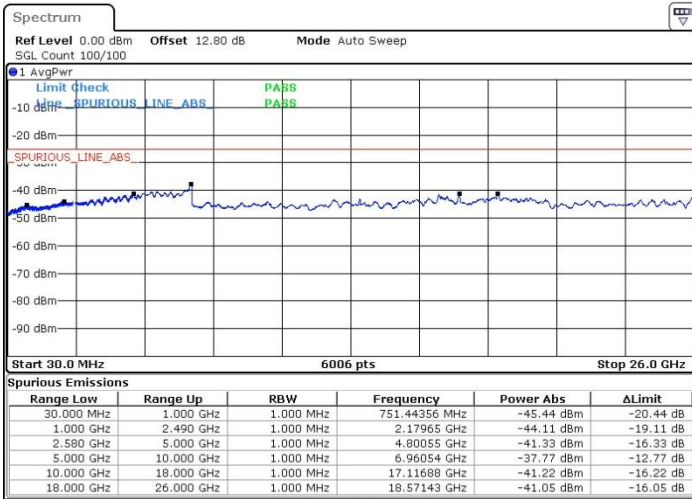


Date: 8.JUL.2015 15:01:14

Date: 8.JUL.2015 15:02:09

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8.JUL.2015 15:03:52

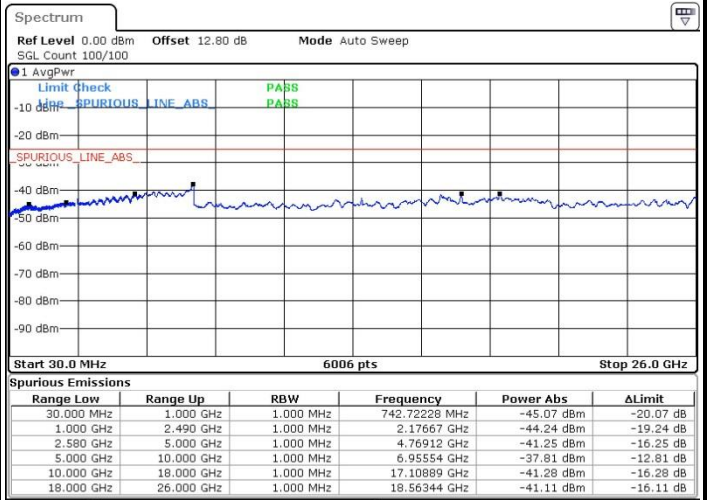
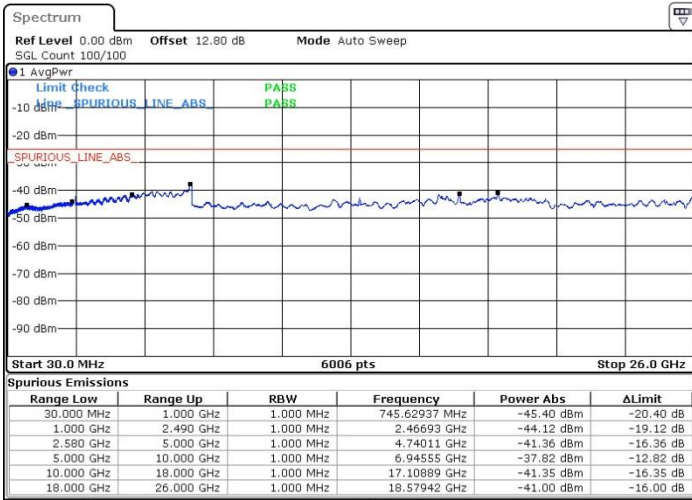
Date: 8.JUL.2015 15:04:48



LTE Band 7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



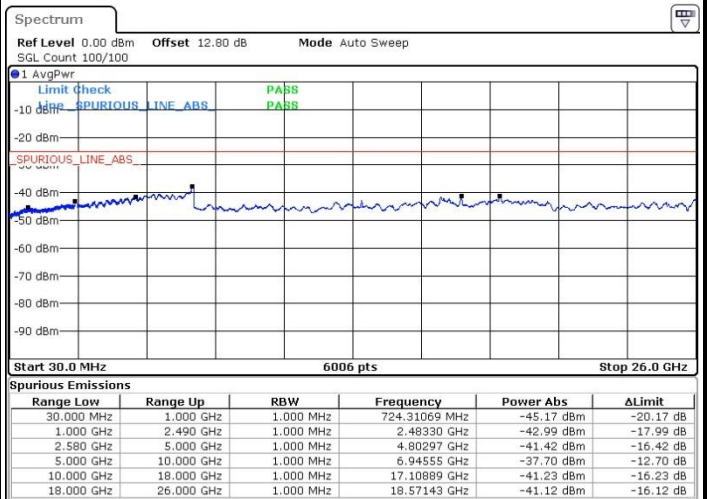
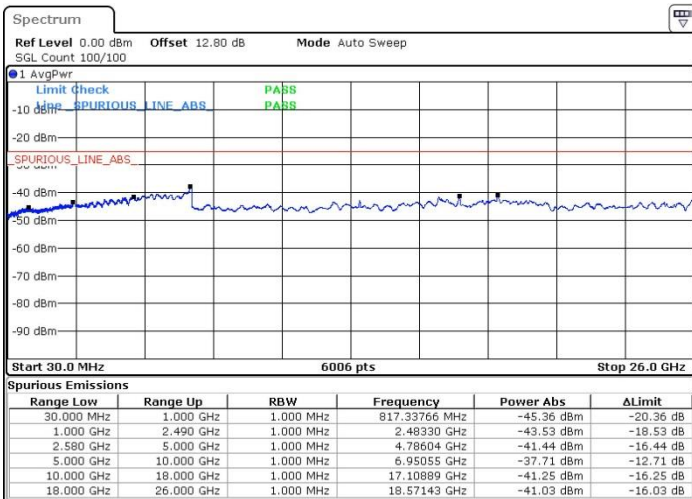
Date: 8.JUL.2015 15:11:10

Date: 8.JUL.2015 15:12:05

LTE Band 7 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 8.JUL.2015 15:18:26

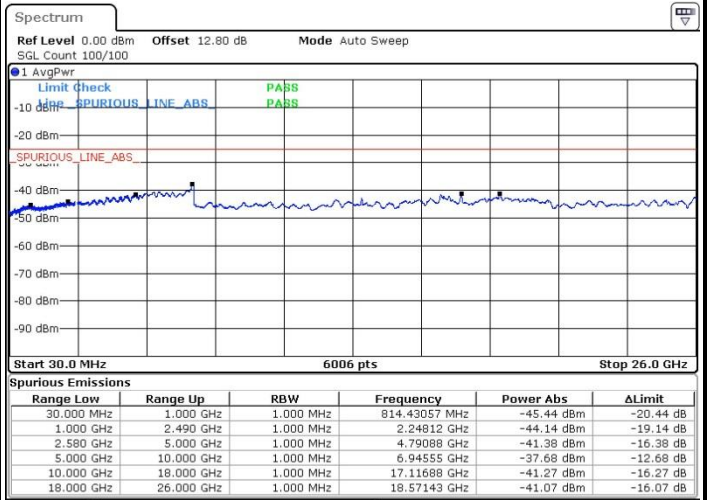
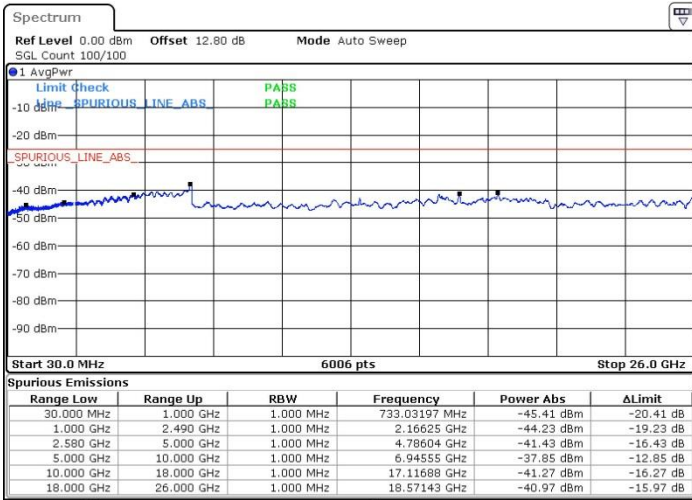
Date: 8.JUL.2015 15:19:22



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

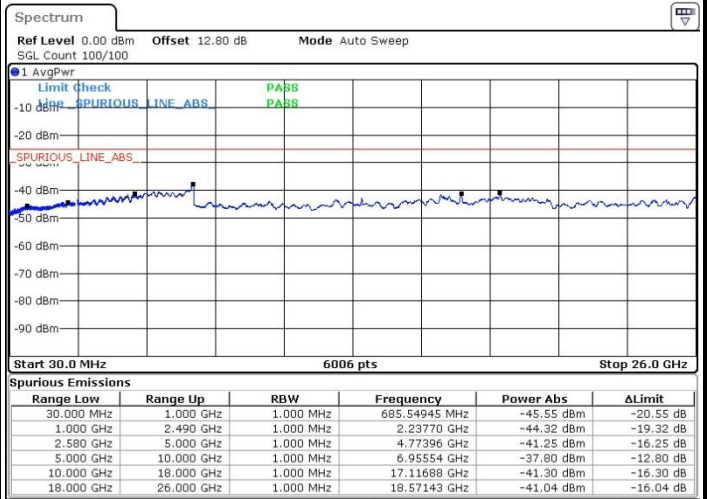
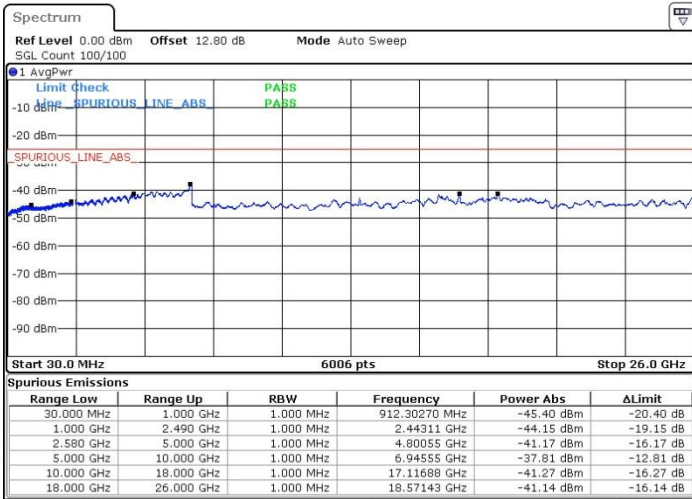


Date: 8.JUL.2015 15:21:04

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

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.JUL.2015 15:28:22

Date: 8.JUL.2015 15:29:17



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.9V. ; 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 12

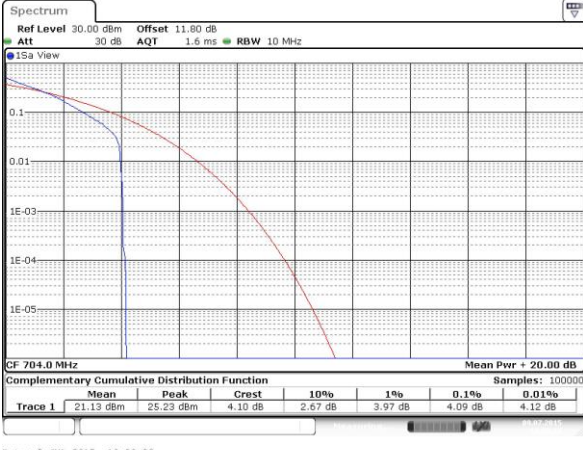
Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.09	4.84	4.9	5.65	PASS
Middle CH	3.91	4.78	4.78	5.71	
Highest CH	4.38	4.61	5.16	5.57	



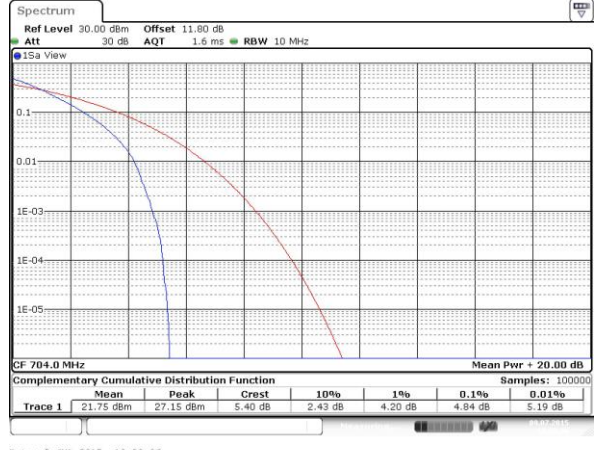
LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



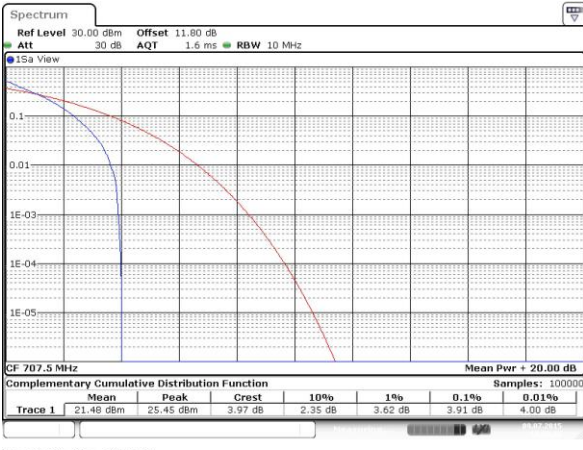
Date: 9 JUL 2015 10:30:28

Lowest Channel / Full RB



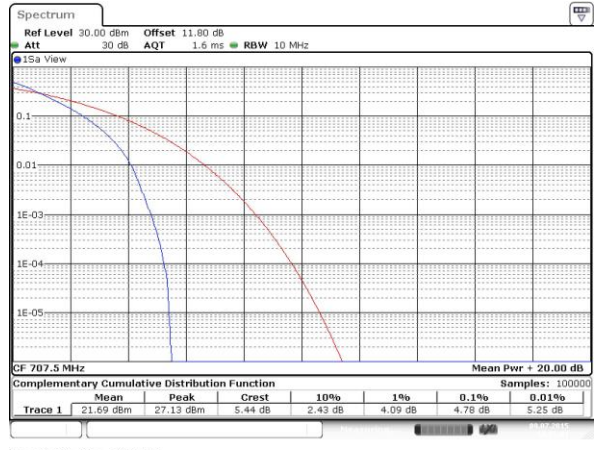
Date: 9 JUL 2015 10:30:06

Middle Channel / 1RB



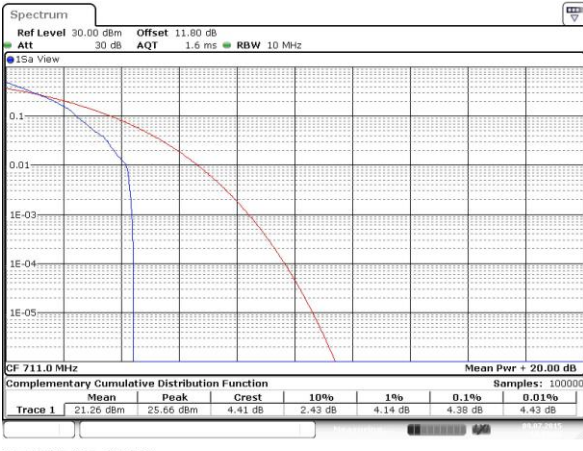
Date: 9 JUL 2015 10:30:50

Middle Channel / Full RB



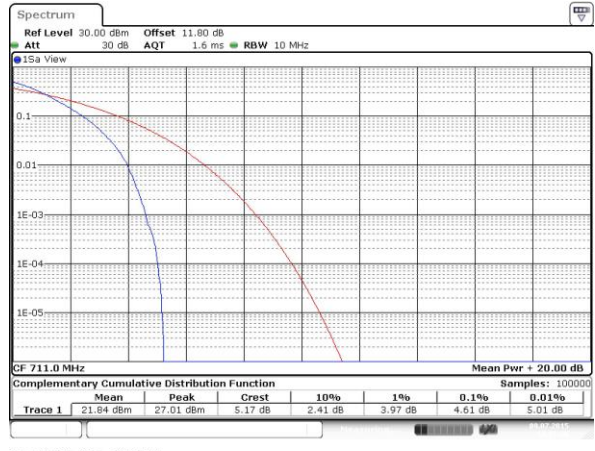
Date: 9 JUL 2015 10:31:01

Highest Channel / 1RB



Date: 9 JUL 2015 10:31:50

Highest Channel / Full RB



Date: 9 JUL 2015 10:31:38



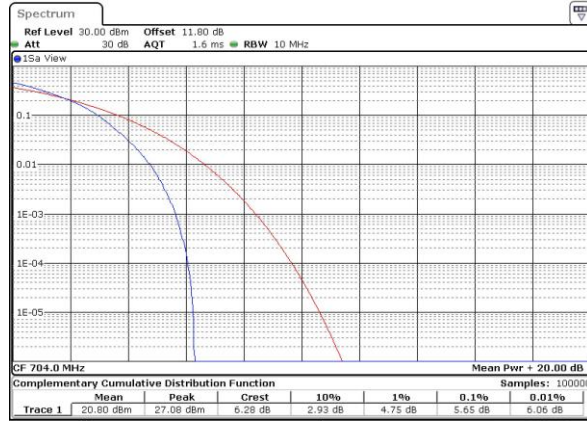
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



Date: 9 JUL 2015 10:28:16

Lowest Channel / Full RB



Date: 9 JUL 2015 10:28:04

Middle Channel / 1RB



Date: 9 JUL 2015 10:28:42

Middle Channel / Full RB



Date: 9 JUL 2015 10:29:23

Highest Channel / 1RB



Date: 9 JUL 2015 10:29:54

Highest Channel / Full RB



Date: 9 JUL 2015 10:29:42