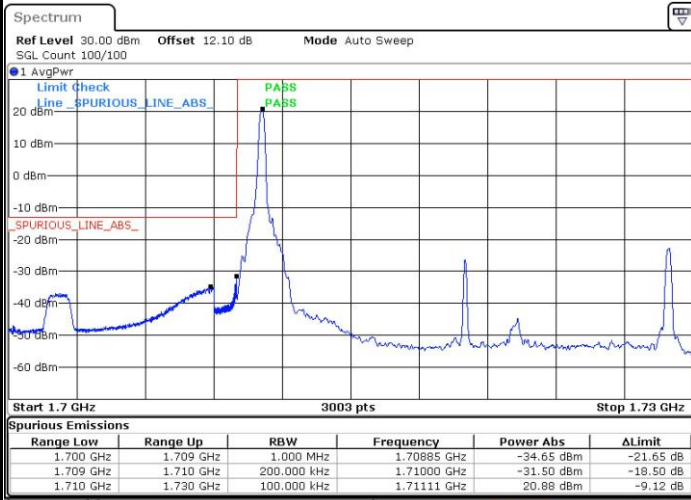




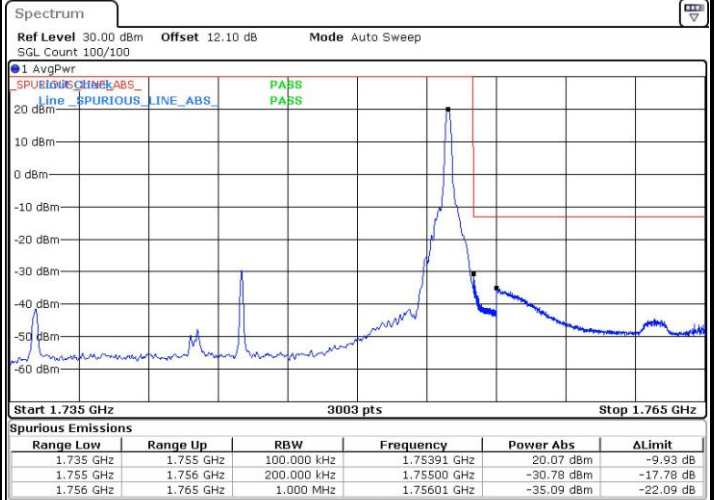
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



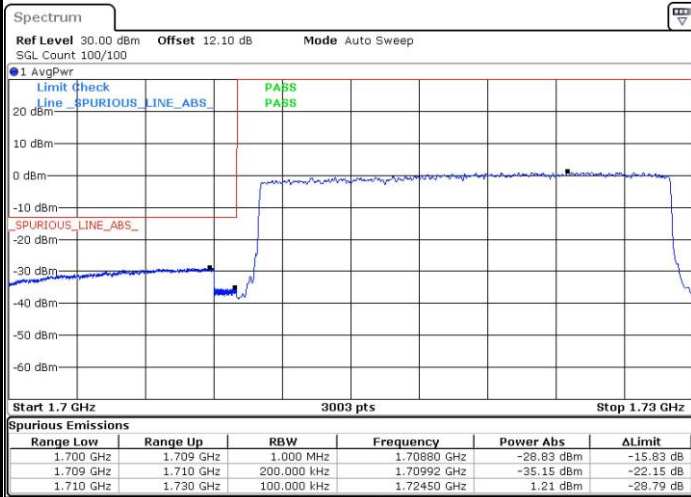
Date: 2 MAY 2015 10:03:49

Highest Band Edge / 1 RB



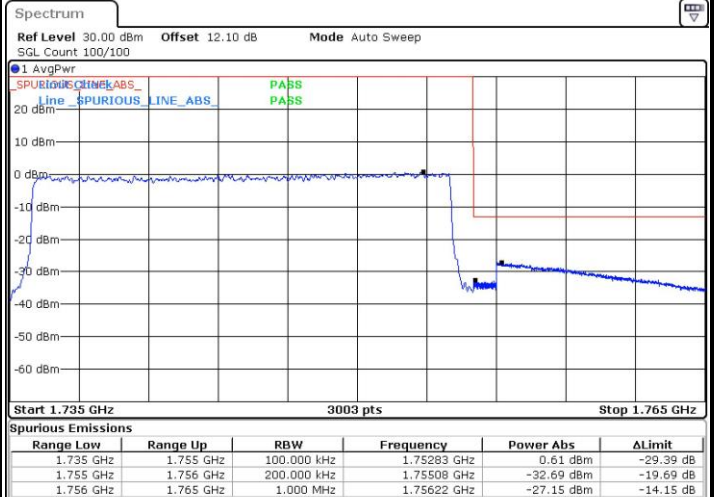
Date: 2 MAY 2015 10:14:52

Lowest Band Edge / Full RB



Date: 2 MAY 2015 10:06:09

Highest Band Edge / Full RB

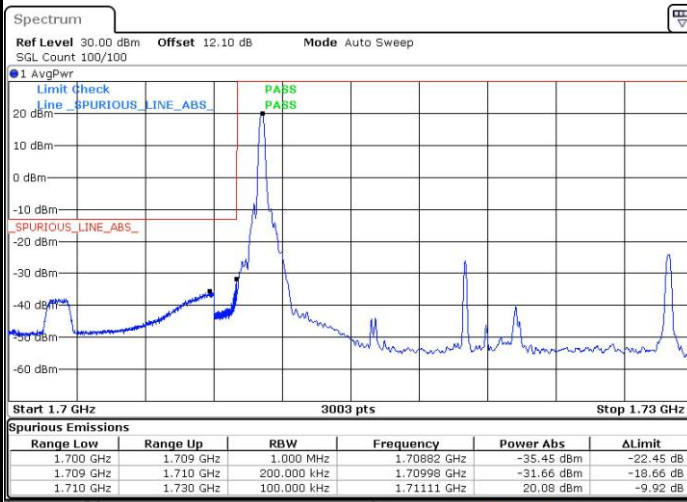


Date: 2 MAY 2015 10:17:12



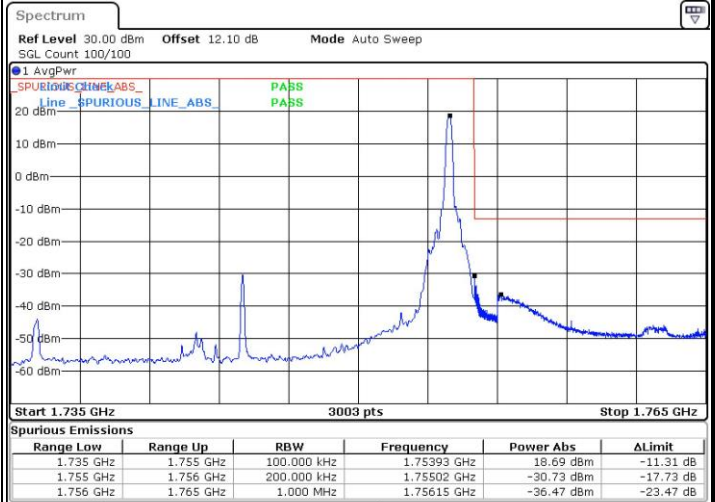
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



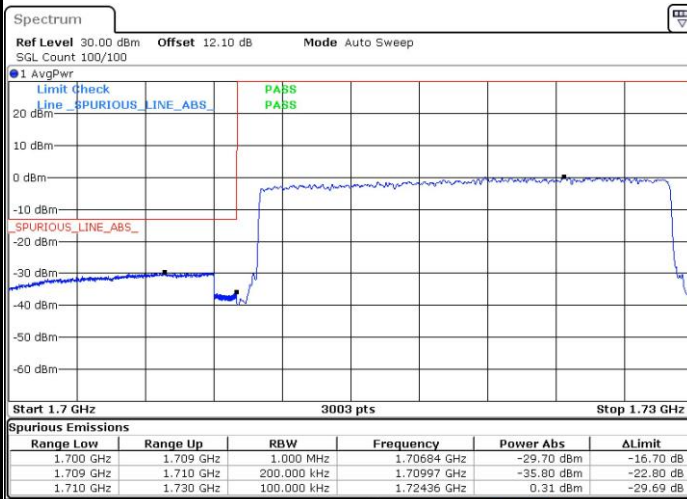
Date: 2 MAY 2015 10:04:59

Highest Band Edge / 1 RB



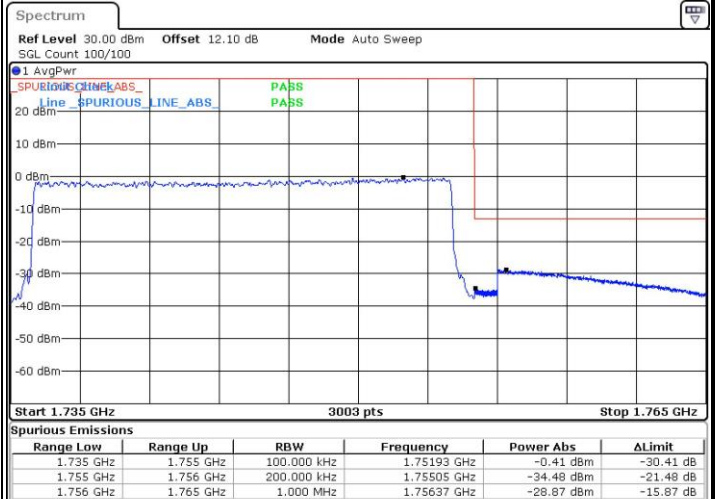
Date: 2 MAY 2015 10:16:02

Lowest Band Edge / Full RB



Date: 2 MAY 2015 10:07:19

Highest Band Edge / Full RB



Date: 2 MAY 2015 10:18:21



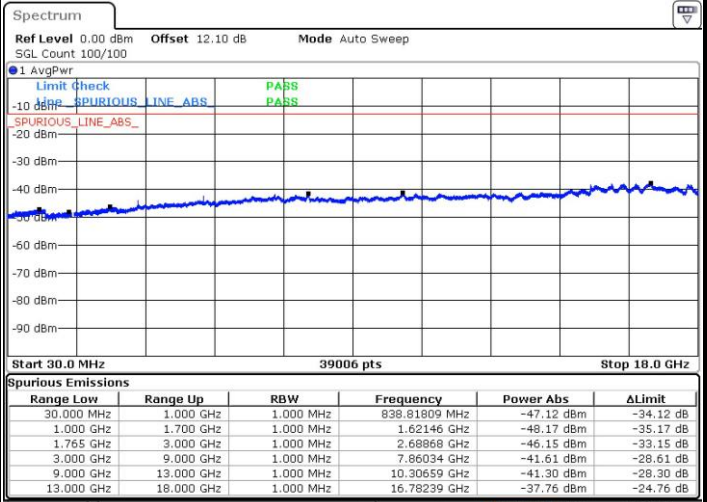
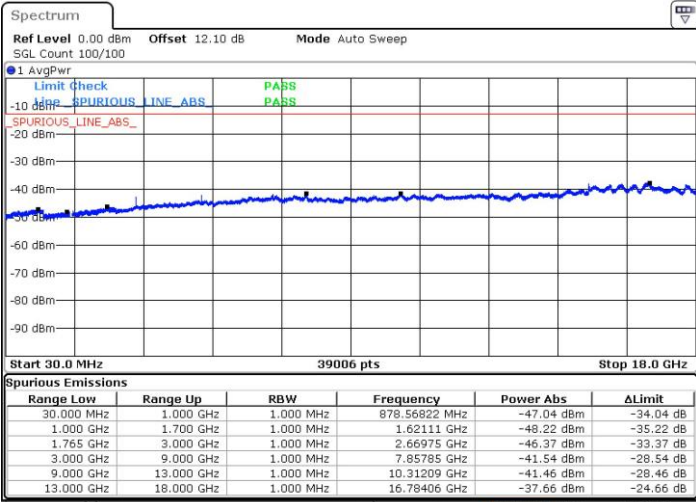
Conducted Spurious Emission



LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

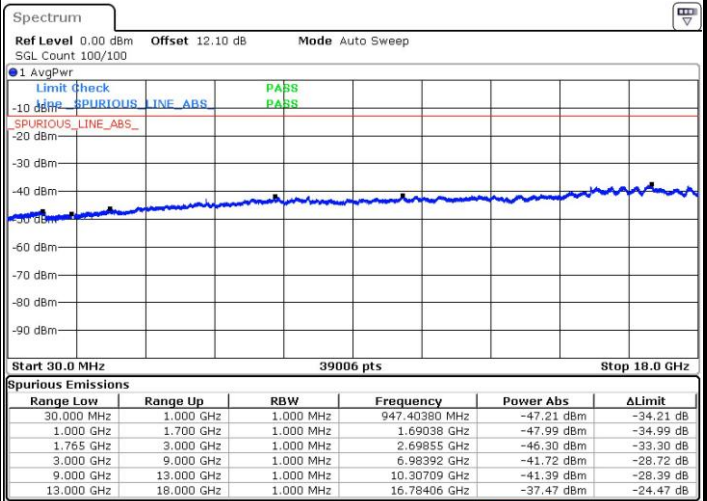
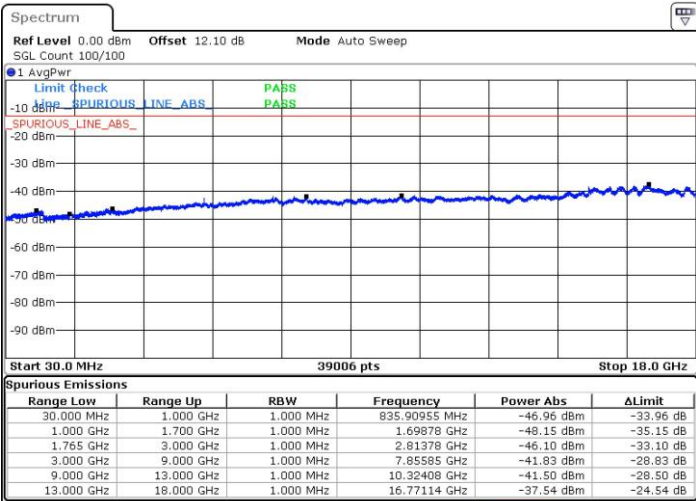


Date: 2 MAY 2015 10:53:44

Date: 2 MAY 2015 10:54:54

Middle Channel / QPSK

Middle Channel / 16QAM



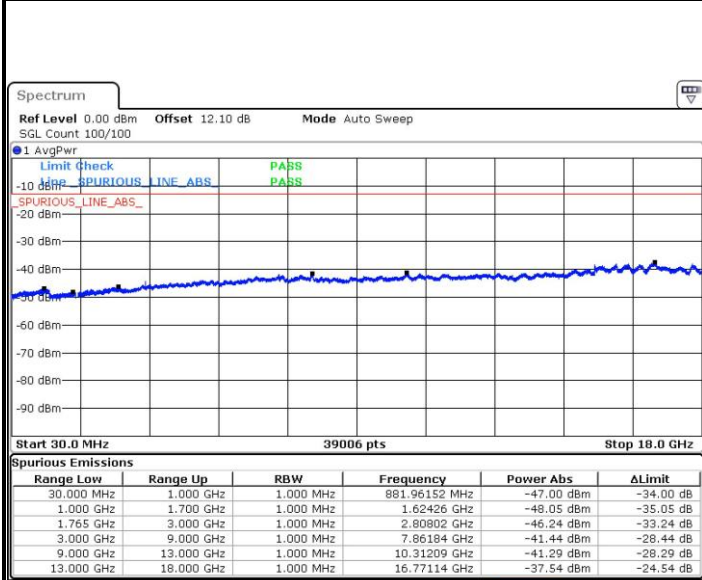
Date: 2 MAY 2015 10:56:04

Date: 2 MAY 2015 10:57:14



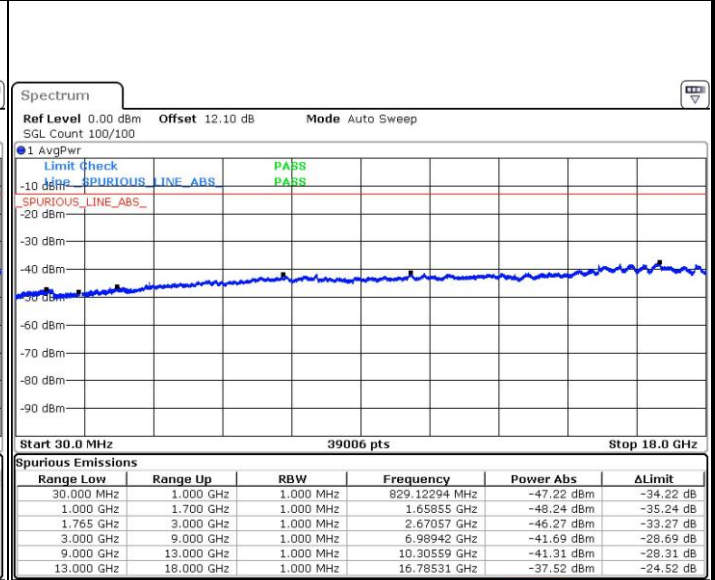
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 2.MAY.2015 10:58:24

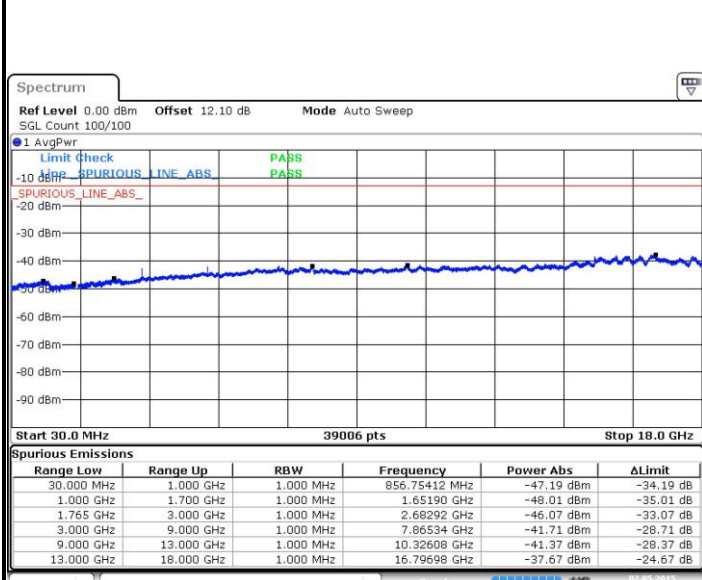
Highest Channel / 16QAM



Date: 2.MAY.2015 10:59:35

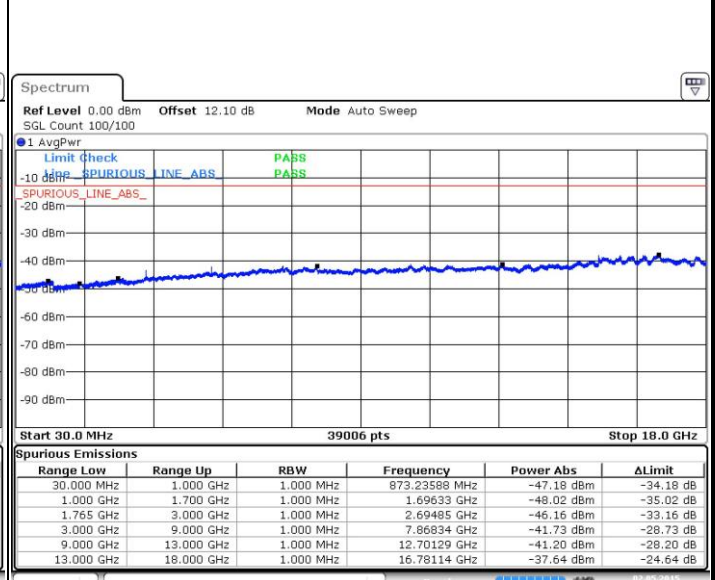
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 2.MAY.2015 11:00:45

Lowest Channel / 16QAM



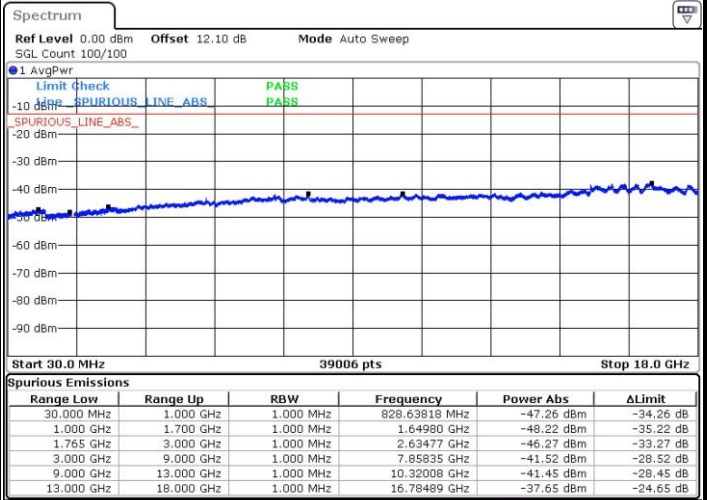
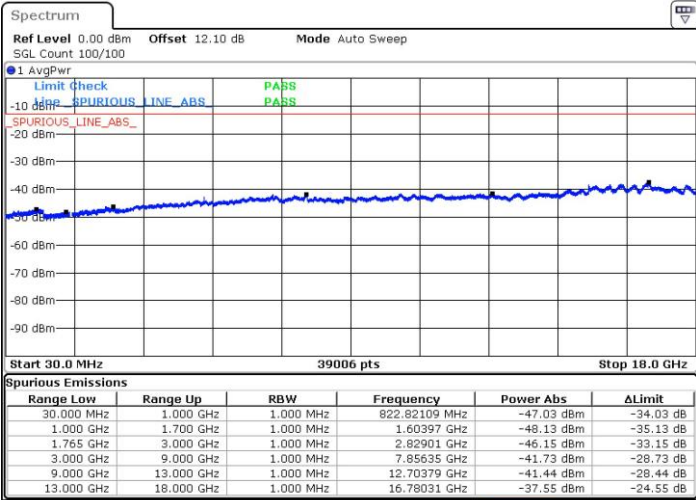
Date: 2.MAY.2015 11:01:55



LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

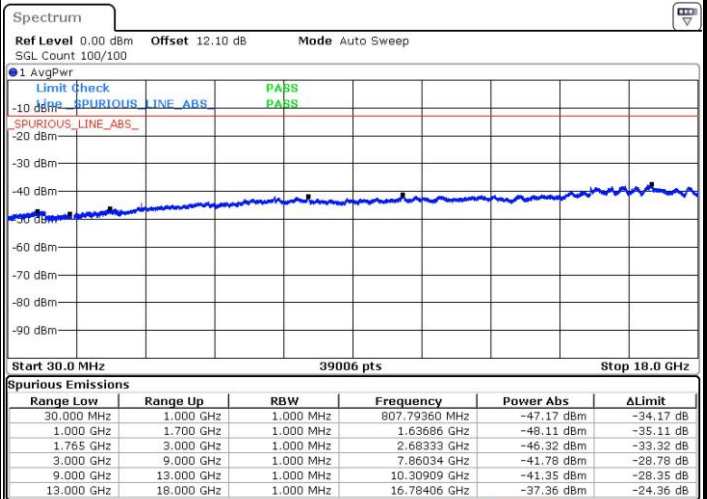
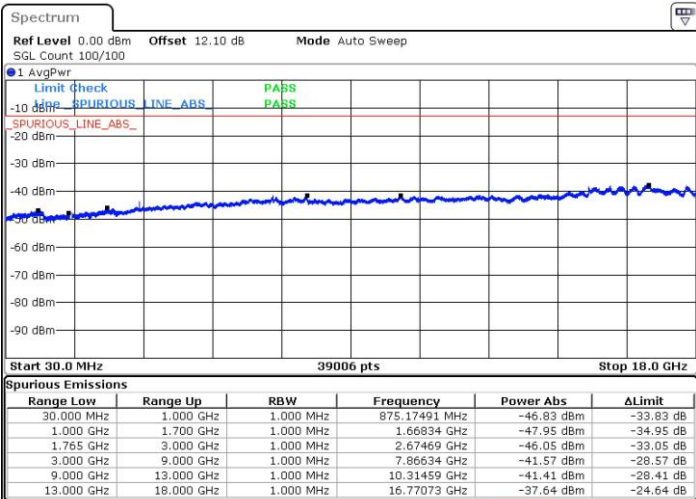


Date: 2.MAY.2015 11:03:05

Date: 2.MAY.2015 11:04:15

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.MAY.2015 11:05:25

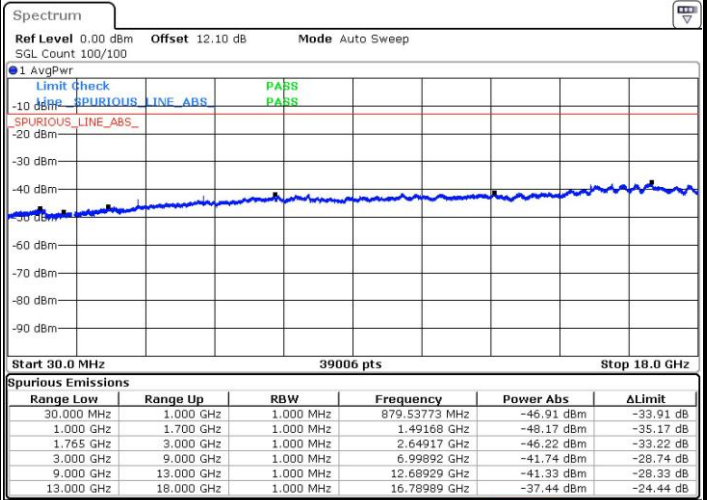
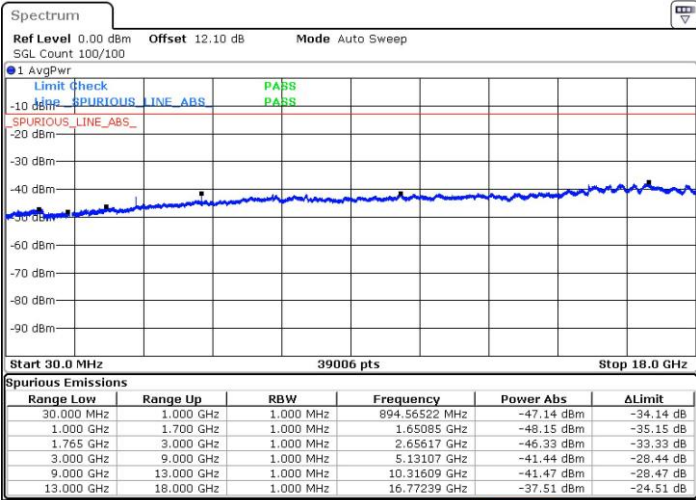
Date: 2.MAY.2015 11:06:35



LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

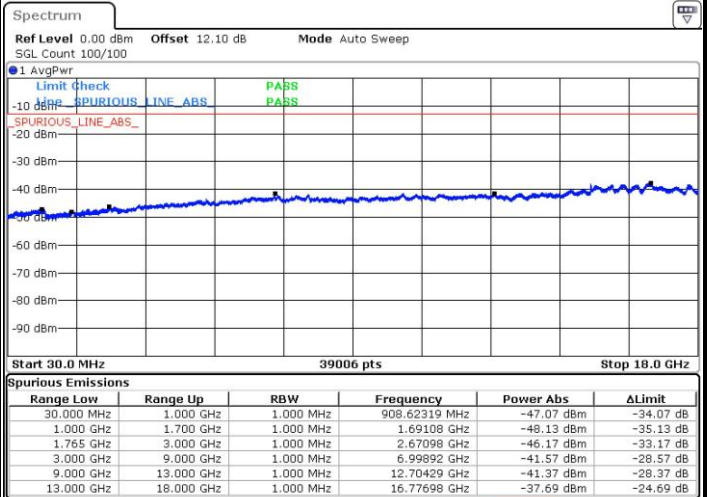
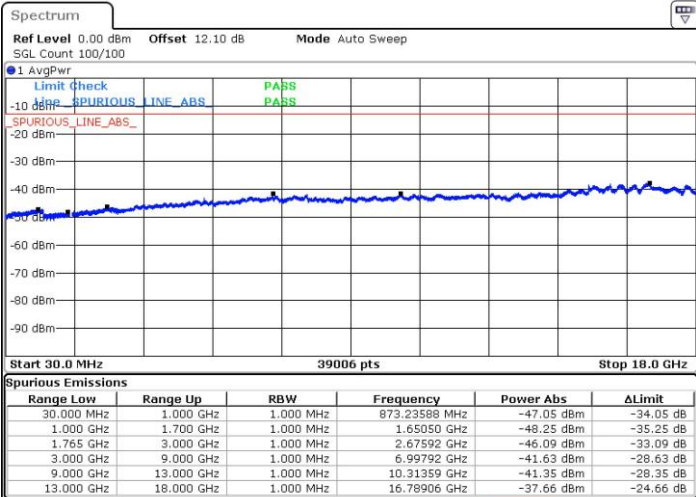


Date: 2.MAY.2015 11:07:45

Date: 2.MAY.2015 11:08:55

Middle Channel / QPSK

Middle Channel / 16QAM



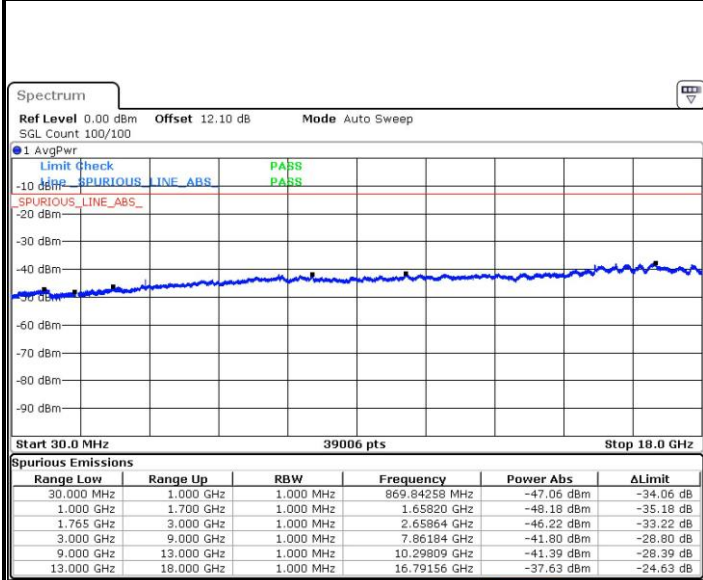
Date: 2.MAY.2015 11:10:06

Date: 2.MAY.2015 11:11:16



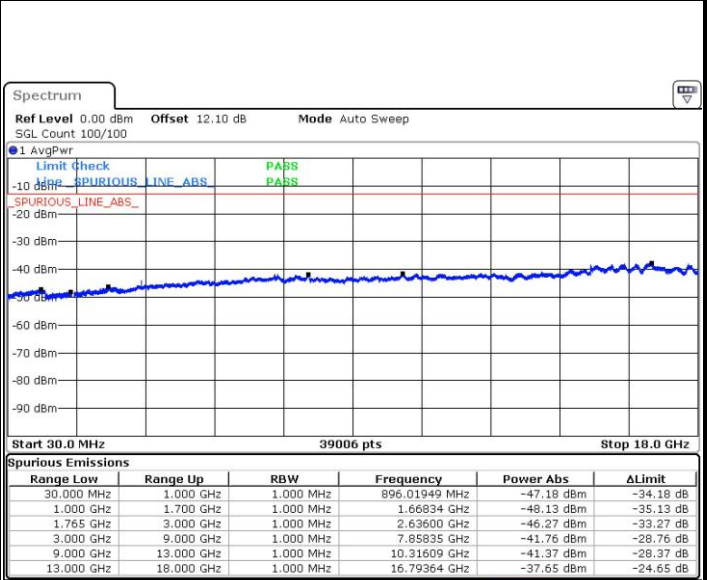
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 2.MAY.2015 11:12:26

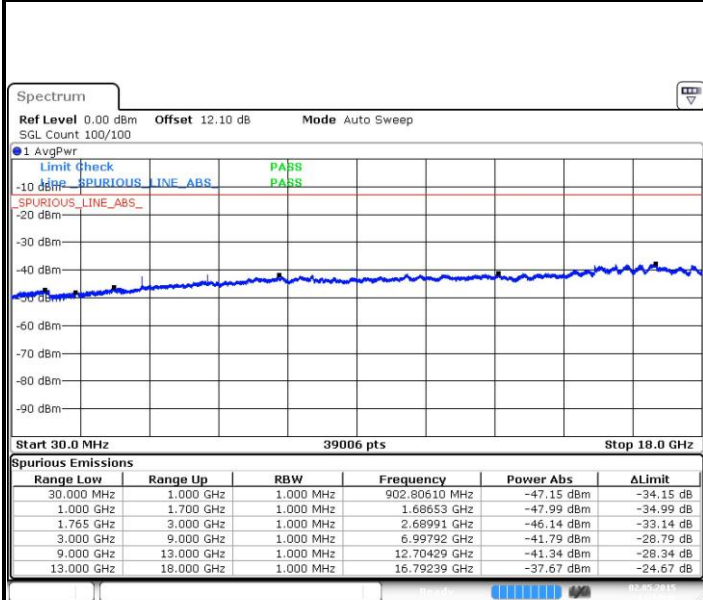
Highest Channel / 16QAM



Date: 2.MAY.2015 11:13:36

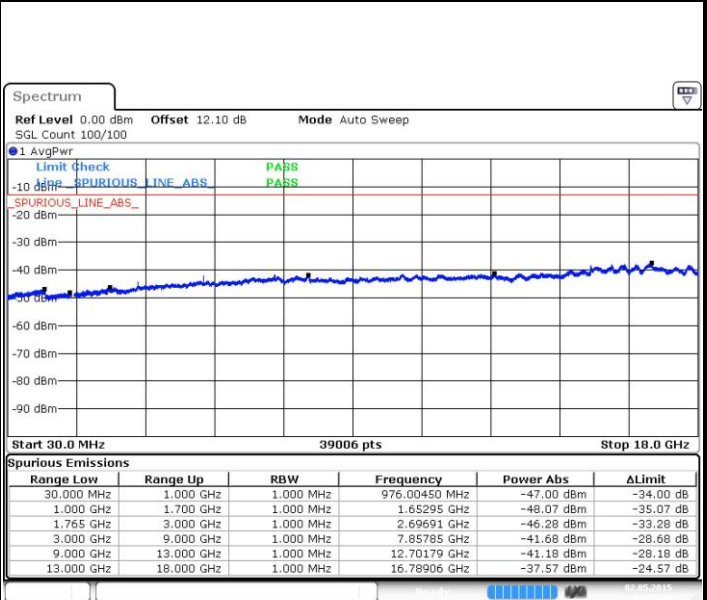
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 2.MAY.2015 11:14:46

Lowest Channel / 16QAM



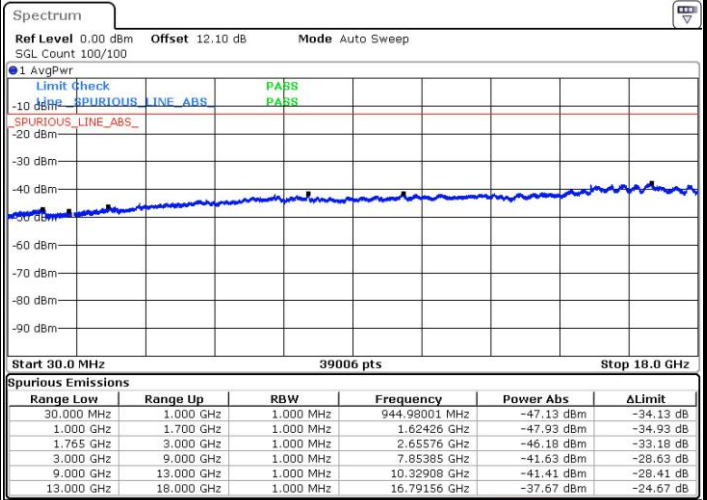
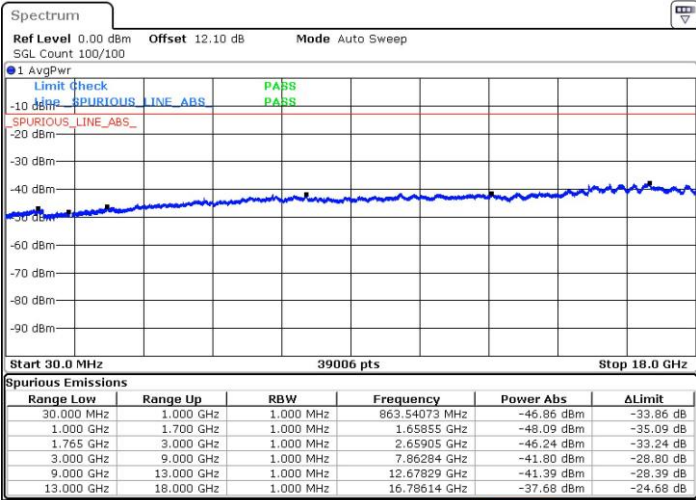
Date: 2.MAY.2015 11:15:56



LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

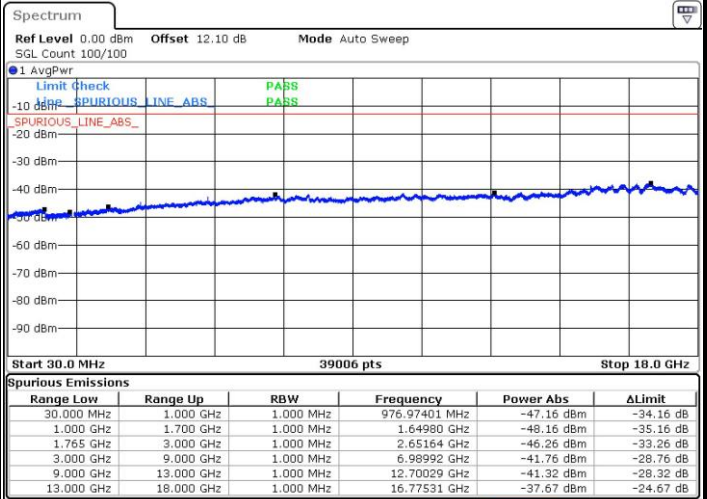
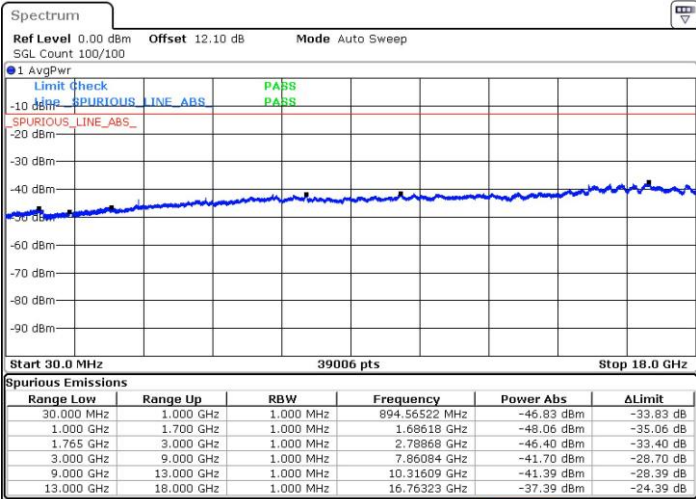


Date: 2.MAY.2015 11:17:06

Date: 2.MAY.2015 11:18:16

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.MAY.2015 11:19:27

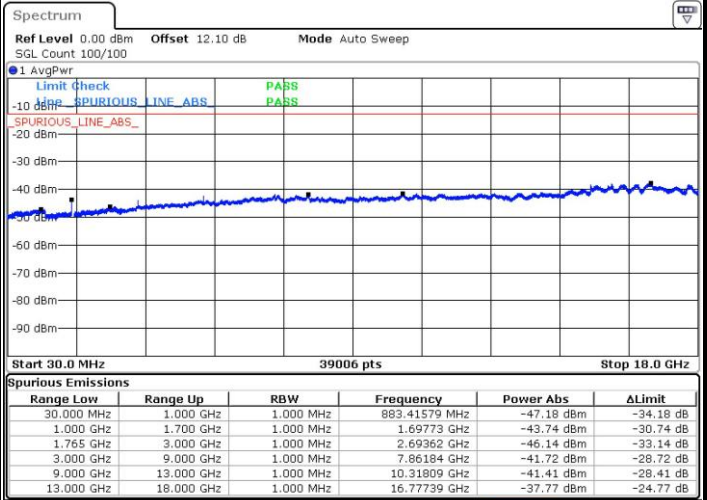
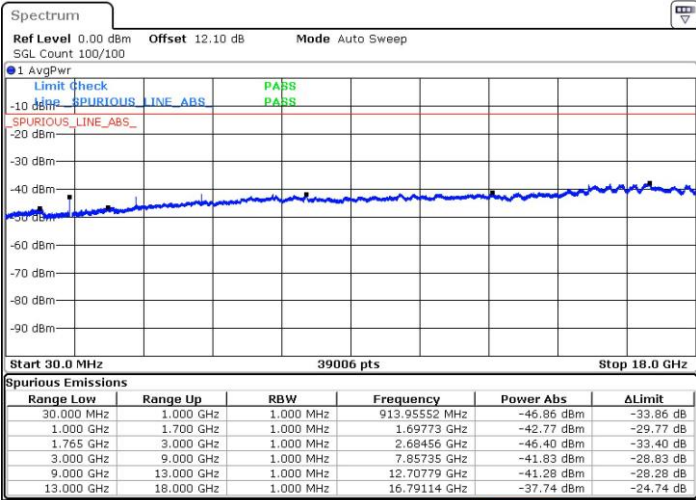
Date: 2.MAY.2015 11:20:37



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

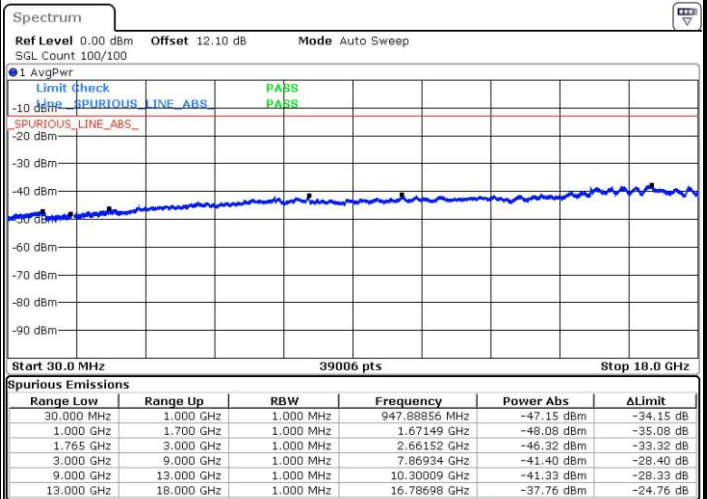
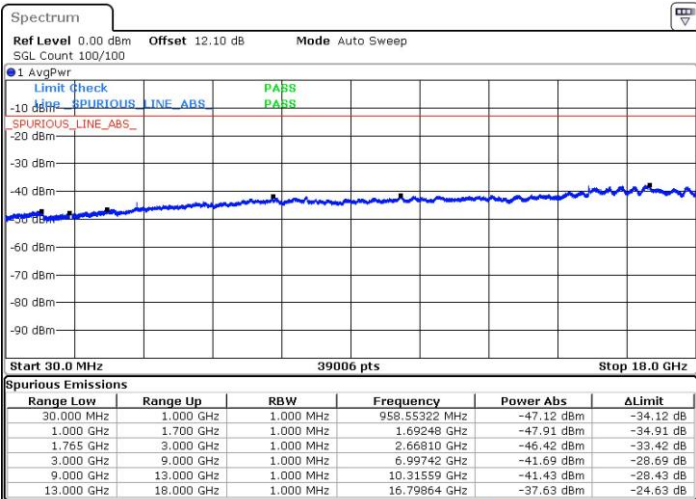


Date: 2.MAY.2015 11:21:47

Date: 2.MAY.2015 11:22:57

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 2.MAY.2015 11:24:07

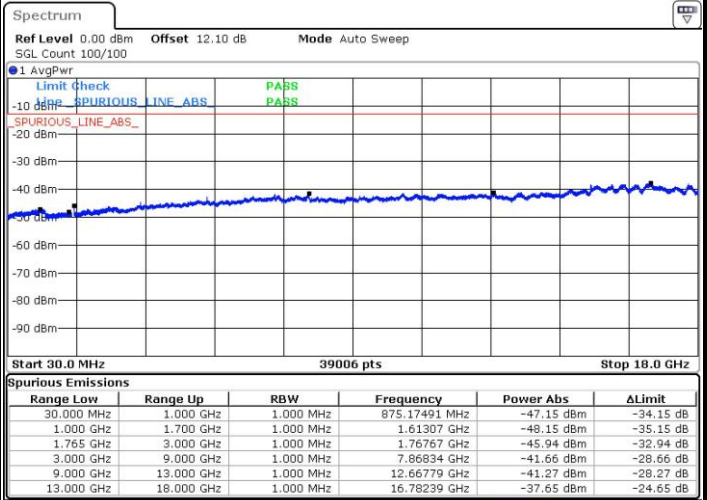
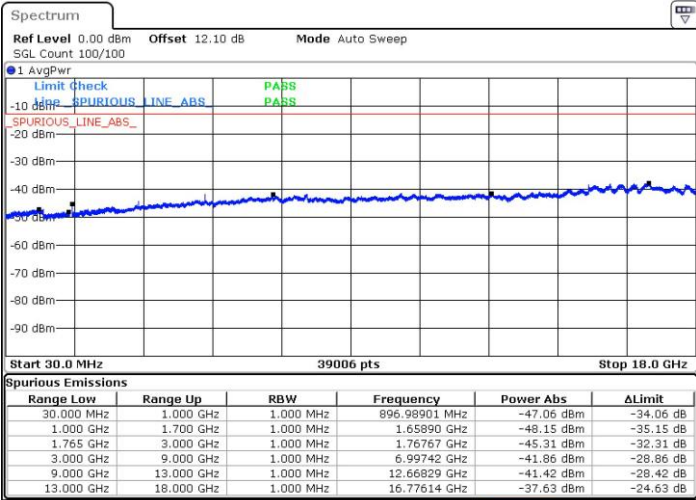
Date: 2.MAY.2015 11:25:17



LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



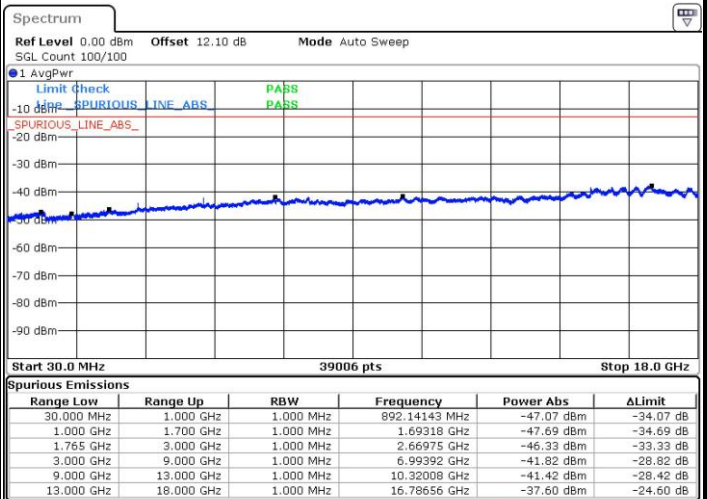
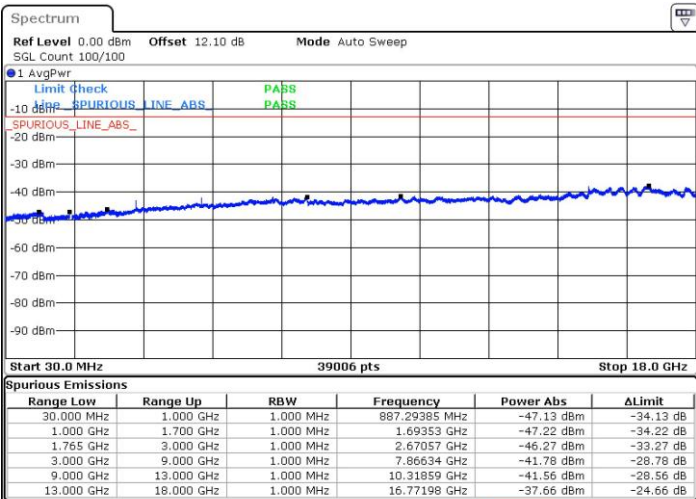
Date: 2.MAY.2015 11:26:28

Date: 2.MAY.2015 11:27:38

LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 2.MAY.2015 11:28:48

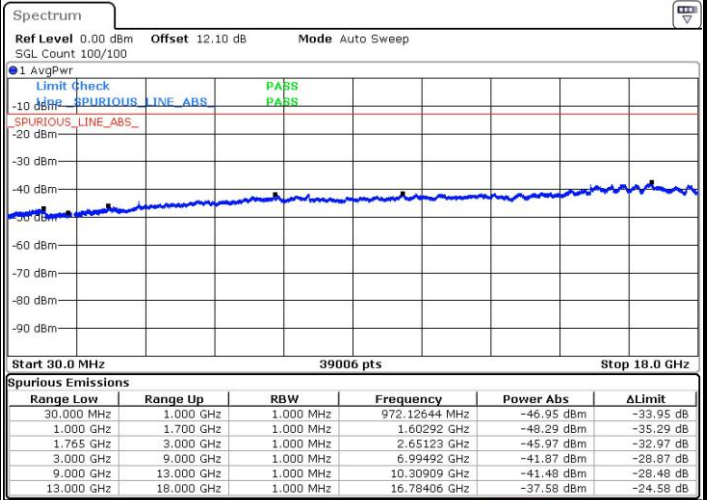
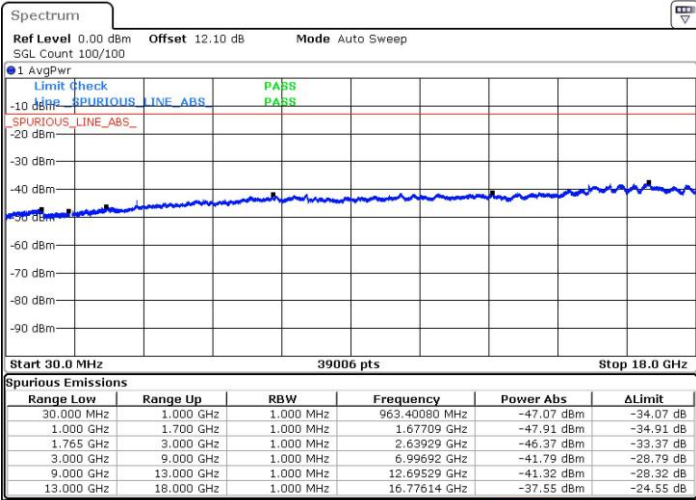
Date: 2.MAY.2015 11:29:58



LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

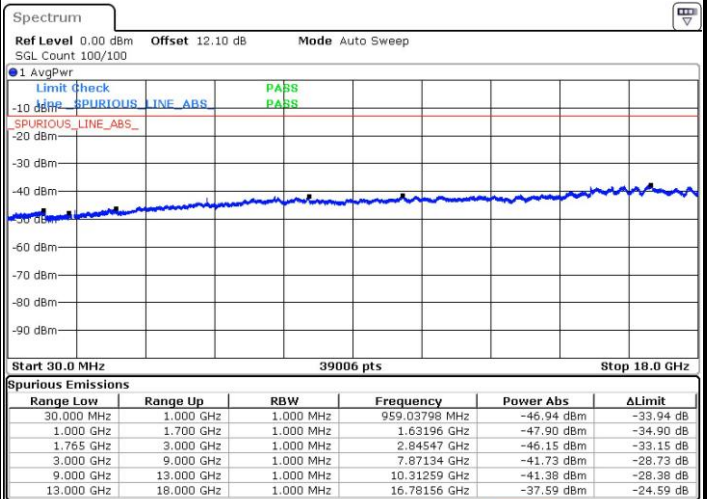
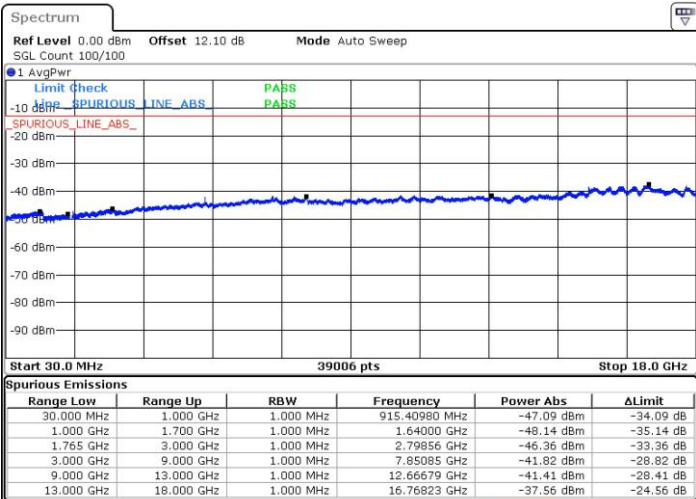


Date: 2.MAY.2015 11:31:08

Date: 2.MAY.2015 11:32:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.MAY.2015 11:33:29

Date: 2.MAY.2015 11:34:39



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.95V. ; Battery End Point (BEP) = 3.55 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

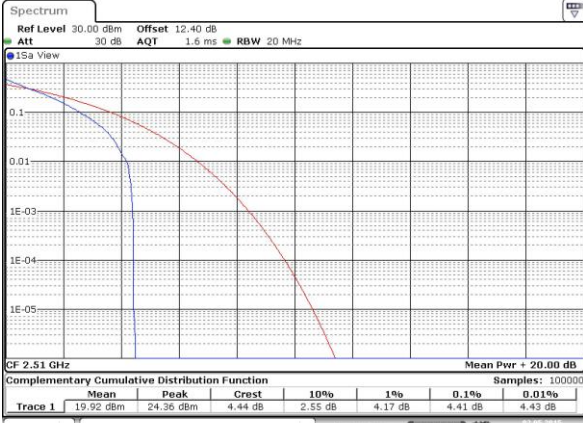
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.41	5.28	5.3	6.14	PASS
Middle CH	4.58	5.01	5.62	6.14	
Highest CH	4.46	5.04	5.16	6	



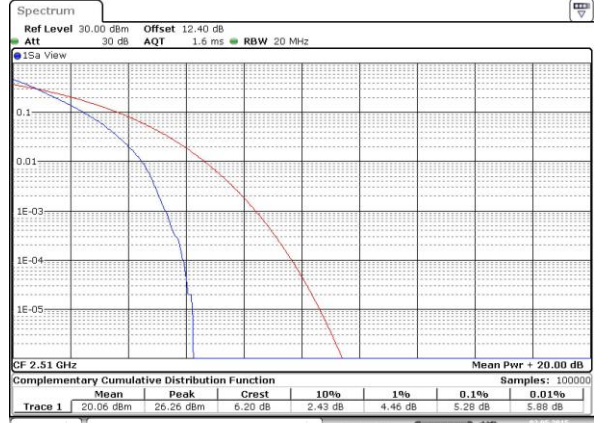
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



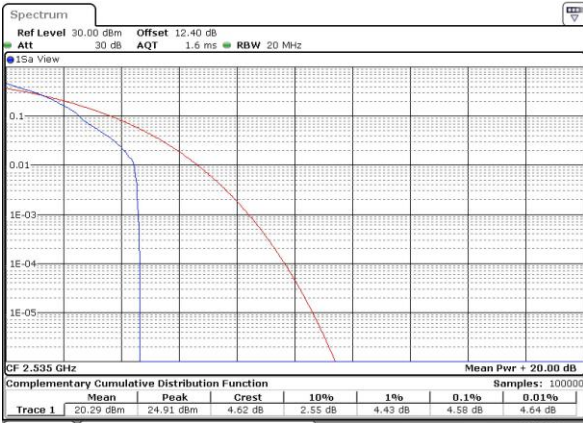
Date: 2 MAY 2015 13:20:15

Lowest Channel / Full RB



Date: 2 MAY 2015 13:20:29

Middle Channel / 1RB



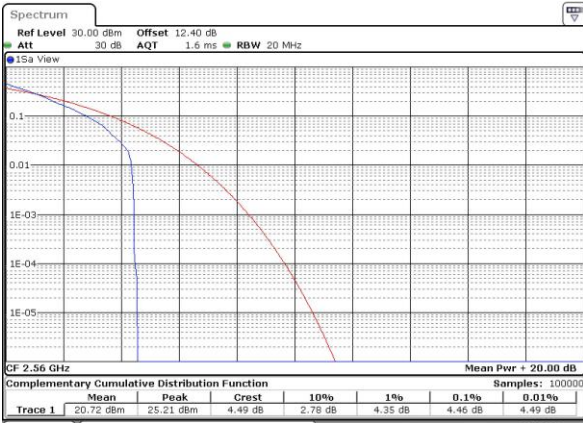
Date: 2 MAY 2015 13:20:40

Middle Channel / Full RB



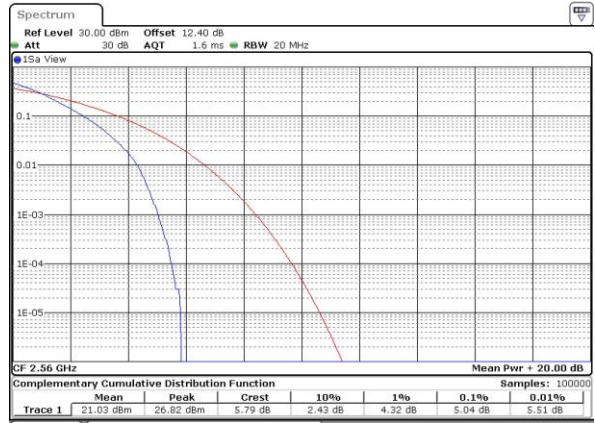
Date: 2 MAY 2015 13:20:51

Highest Channel / 1RB



Date: 2 MAY 2015 13:21:01

Highest Channel / Full RB



Date: 2 MAY 2015 13:21:12