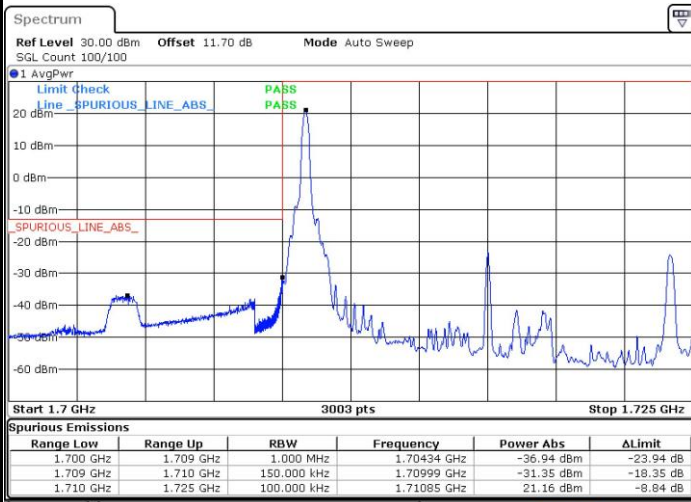




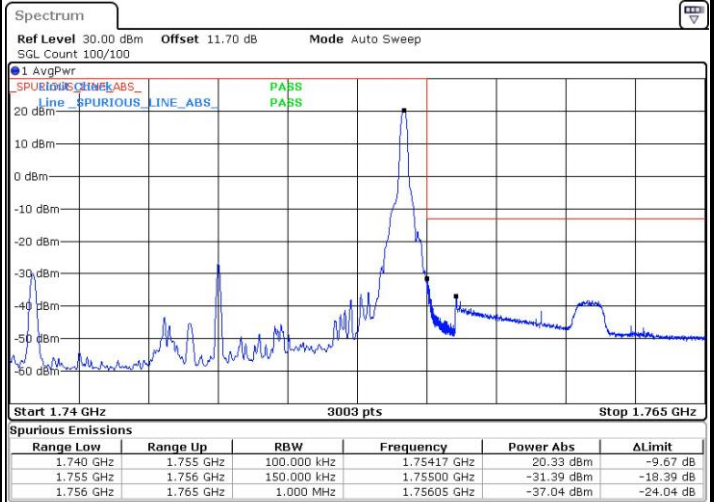
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



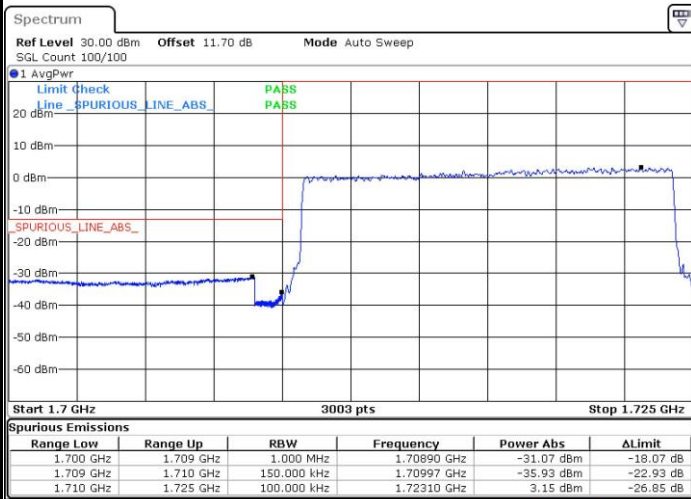
Date: 23 APR 2016 13:33:45

Highest Band Edge / 1 RB



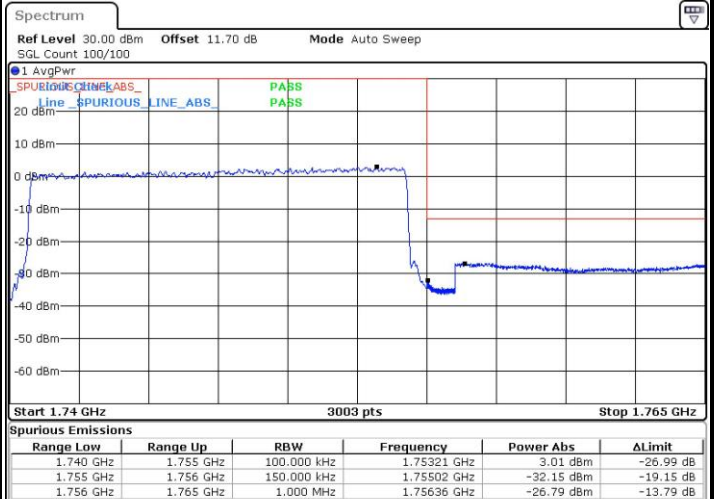
Date: 23 APR 2016 13:43:25

Lowest Band Edge / Full RB



Date: 23 APR 2016 13:36:03

Highest Band Edge / Full RB

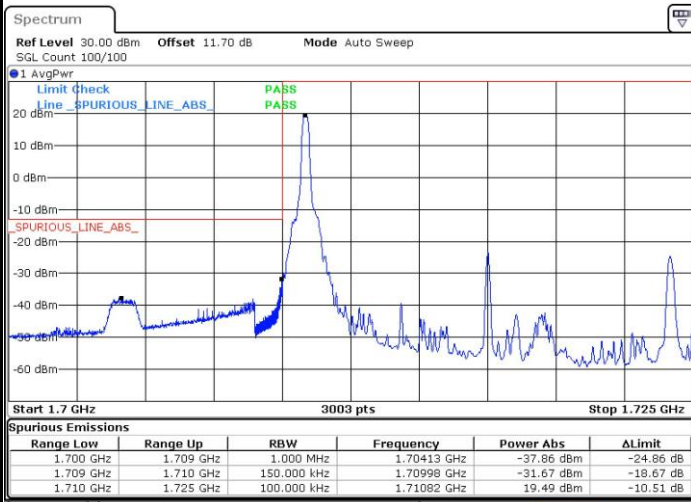


Date: 23 APR 2016 13:45:44



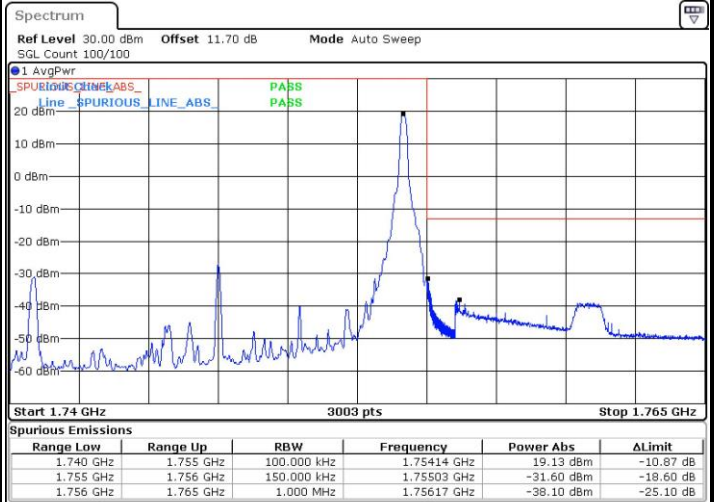
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



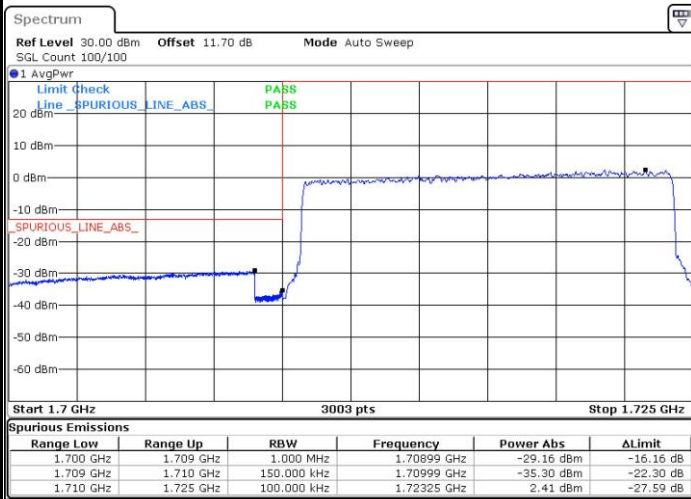
Date: 23 APR 2016 13:34:54

Highest Band Edge / 1 RB



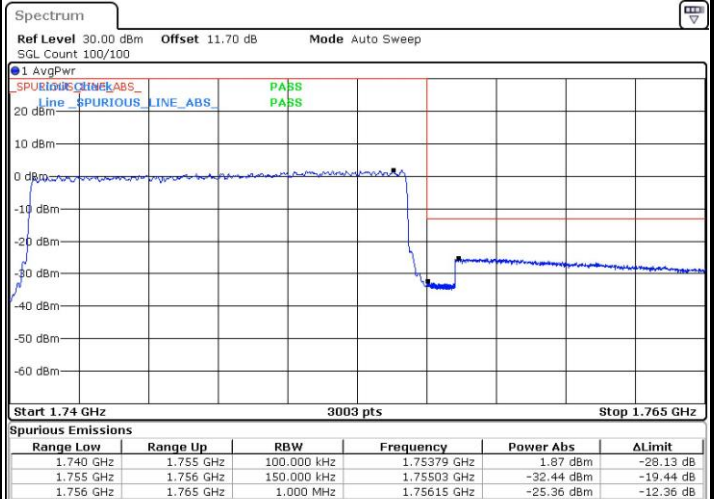
Date: 23 APR 2016 13:44:35

Lowest Band Edge / Full RB



Date: 23 APR 2016 13:37:13

Highest Band Edge / Full RB

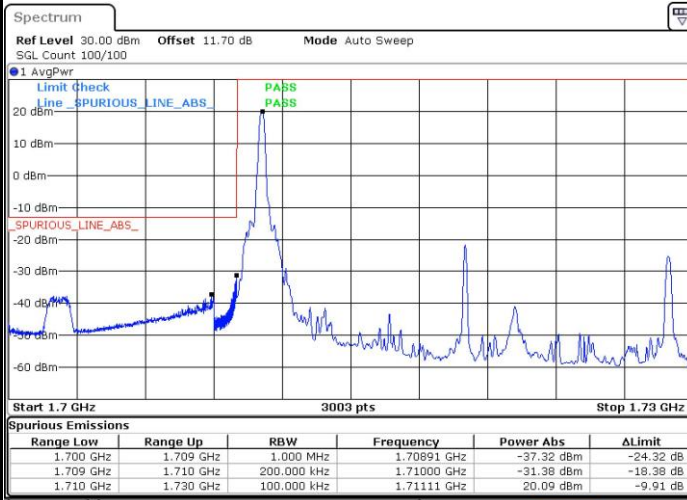


Date: 23 APR 2016 13:46:53



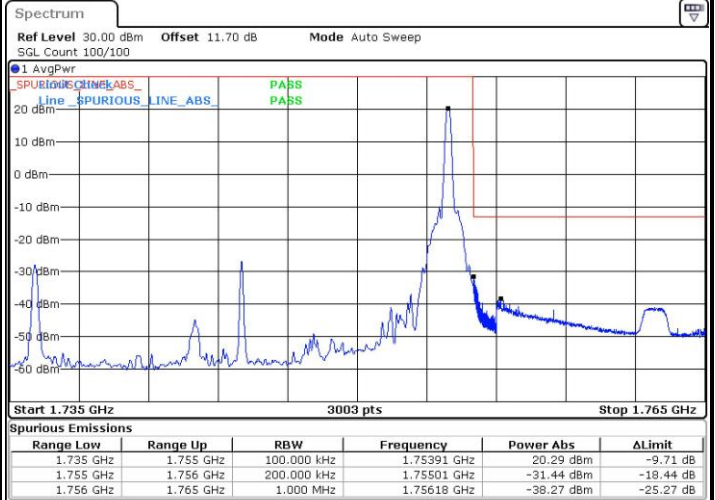
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



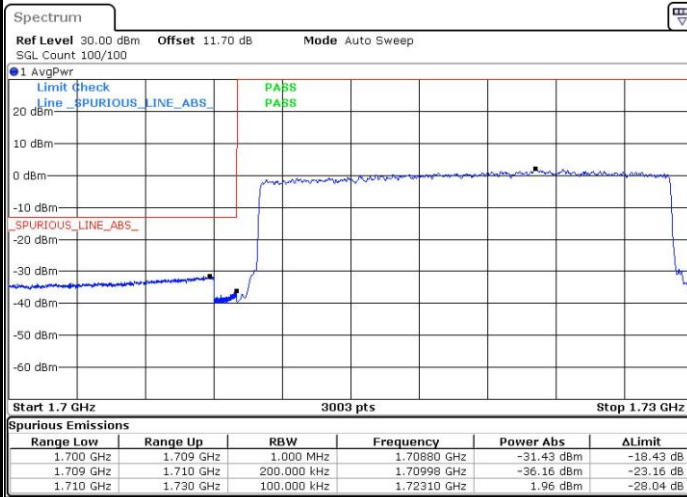
Date: 23 APR 2016 13:50:34

Highest Band Edge / 1 RB



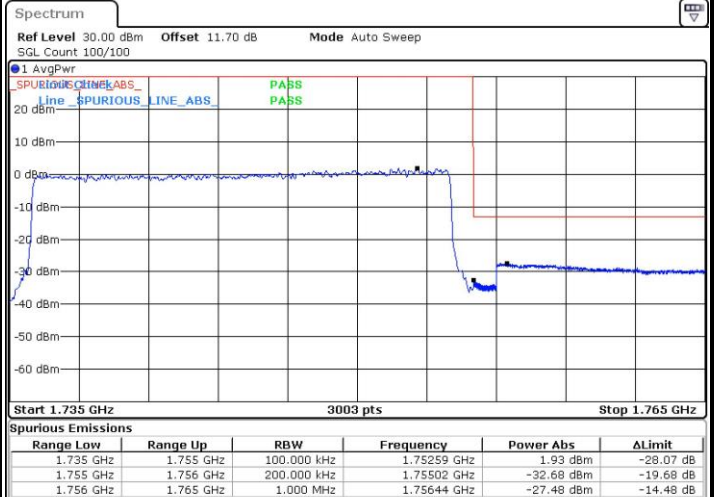
Date: 23 APR 2016 14:00:15

Lowest Band Edge / Full RB



Date: 23 APR 2016 13:52:53

Highest Band Edge / Full RB

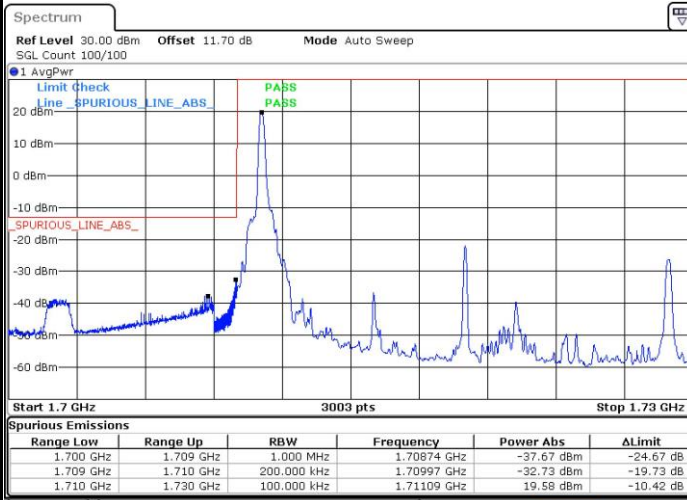


Date: 23 APR 2016 14:02:34



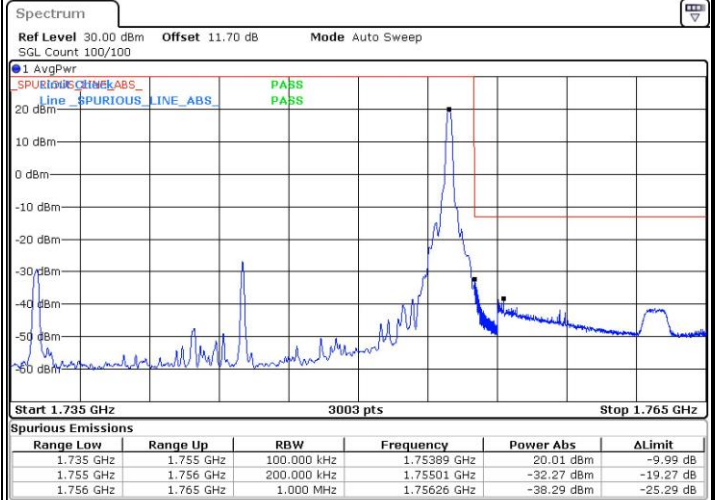
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



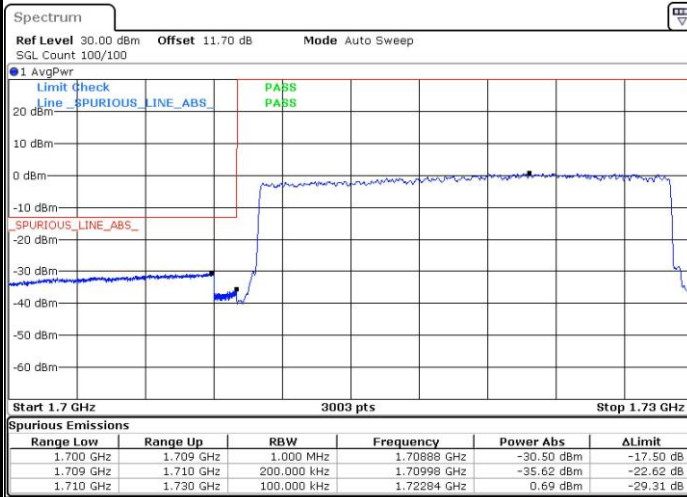
Date: 23 APR 2016 13:51:43

Highest Band Edge / 1 RB



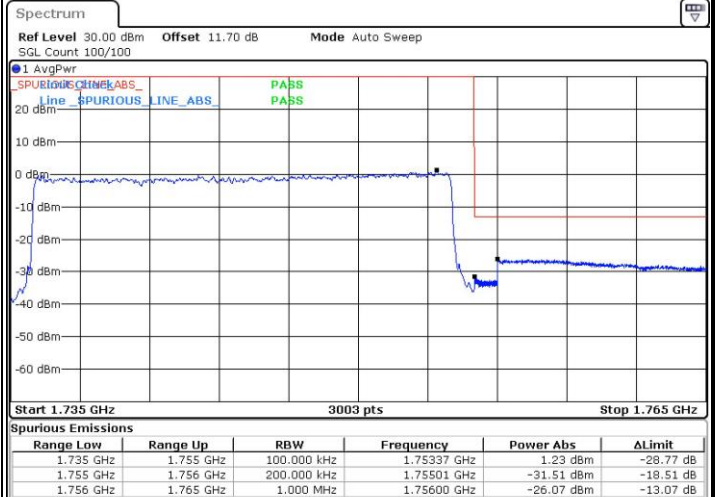
Date: 23 APR 2016 14:01:24

Lowest Band Edge / Full RB



Date: 23 APR 2016 13:54:02

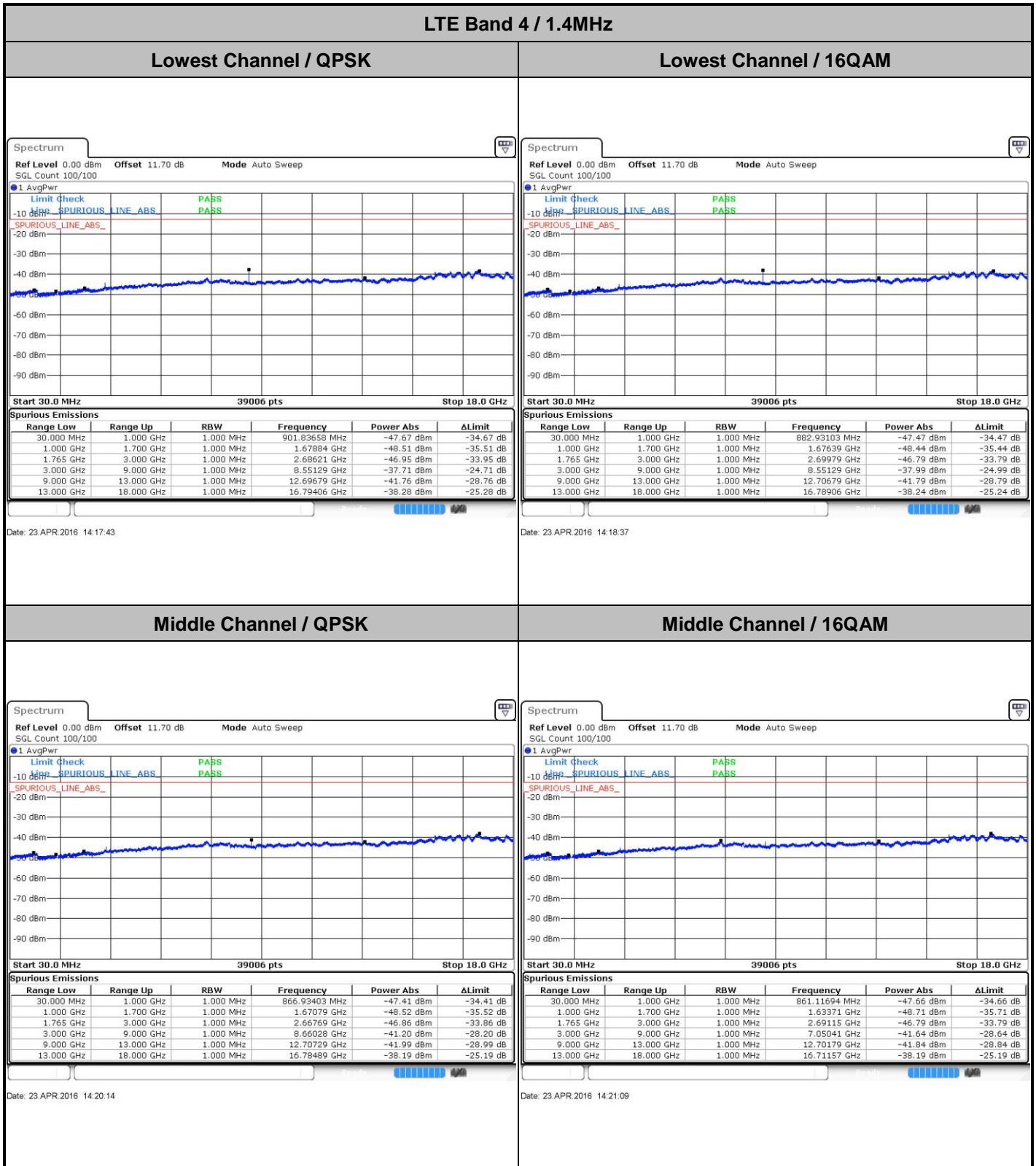
Highest Band Edge / Full RB



Date: 23 APR 2016 14:03:43



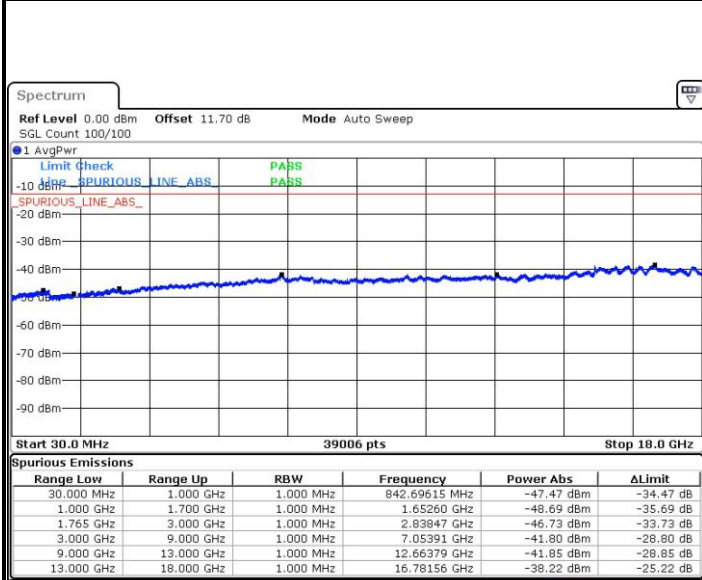
# Conducted Spurious Emission





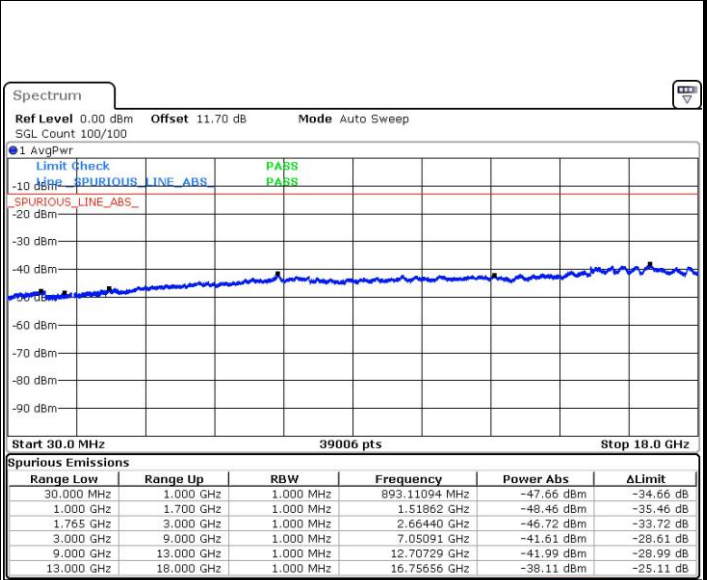
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 23 APR 2016 14:27:23

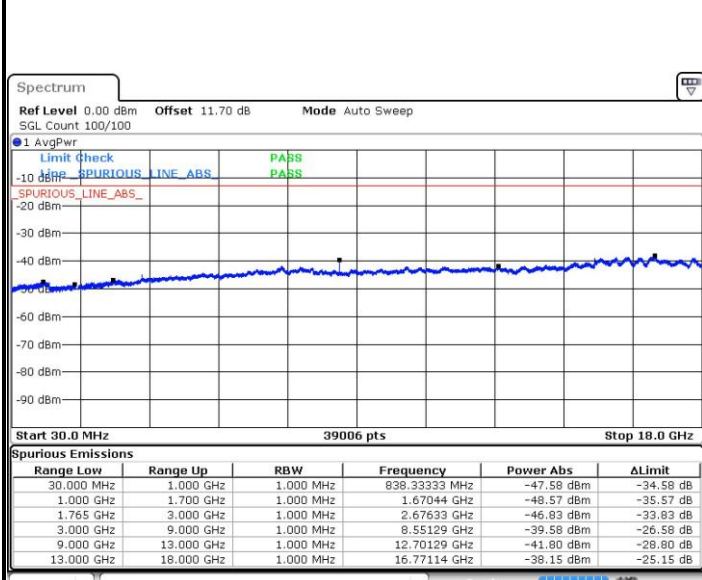
Highest Channel / 16QAM



Date: 23 APR 2016 14:28:18

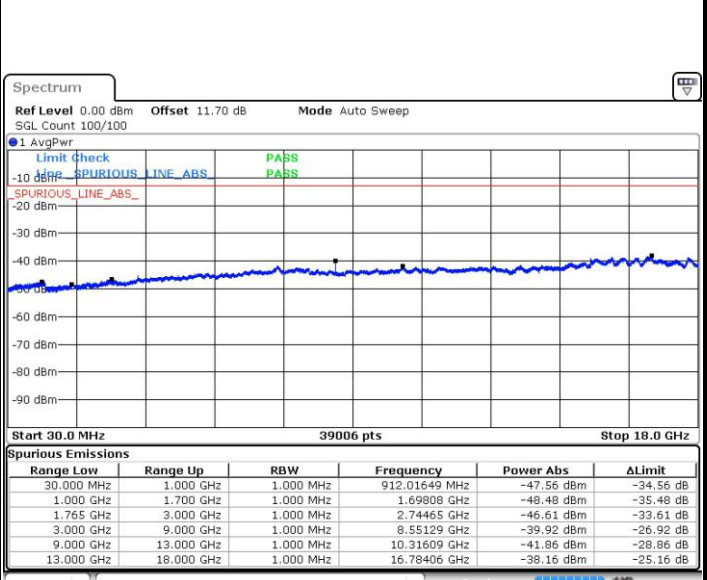
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 23 APR 2016 12:42:03

Lowest Channel / 16QAM



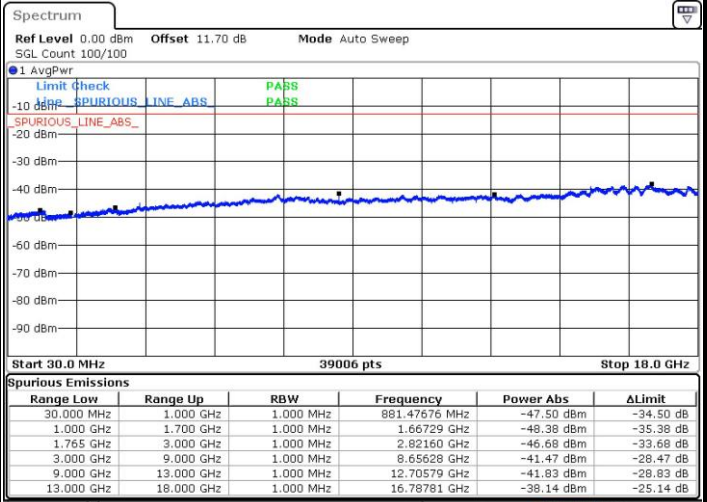
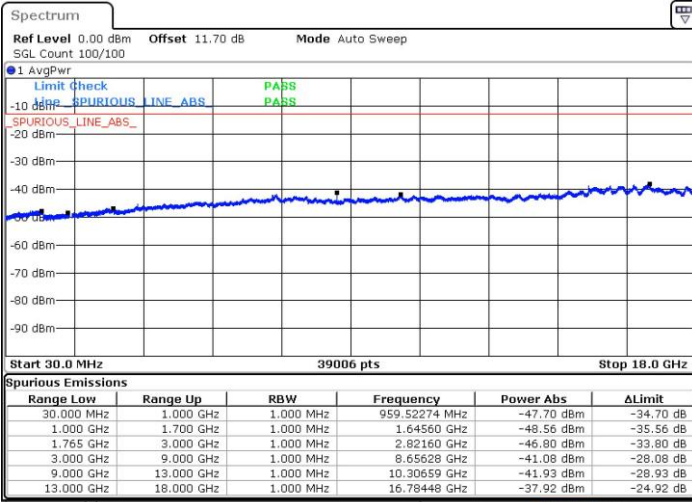
Date: 23 APR 2016 12:42:58



LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

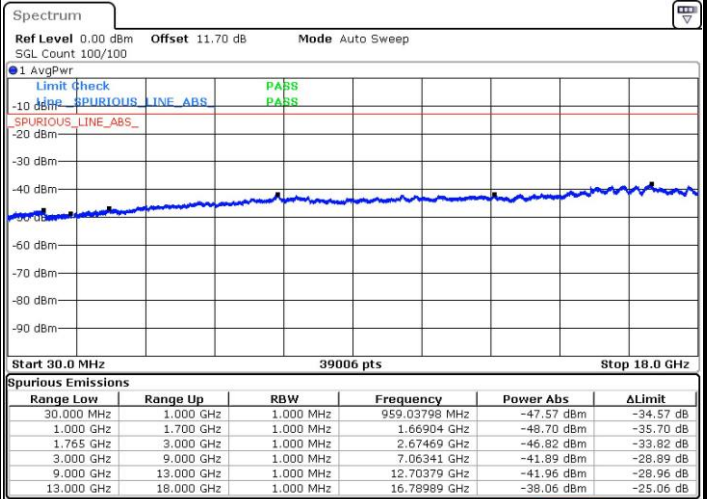
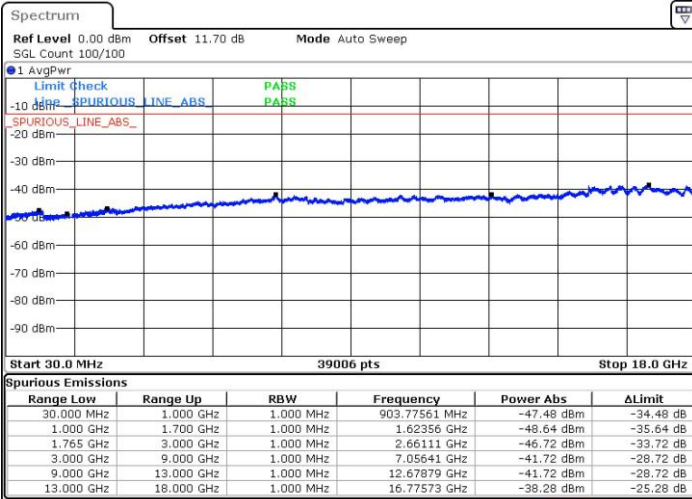


Date: 23 APR 2016 12:44:35

Date: 23 APR 2016 12:45:30

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 APR 2016 12:57:21

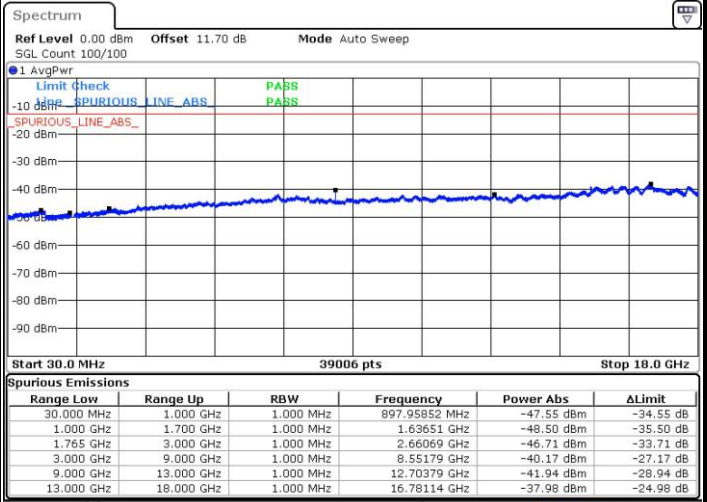
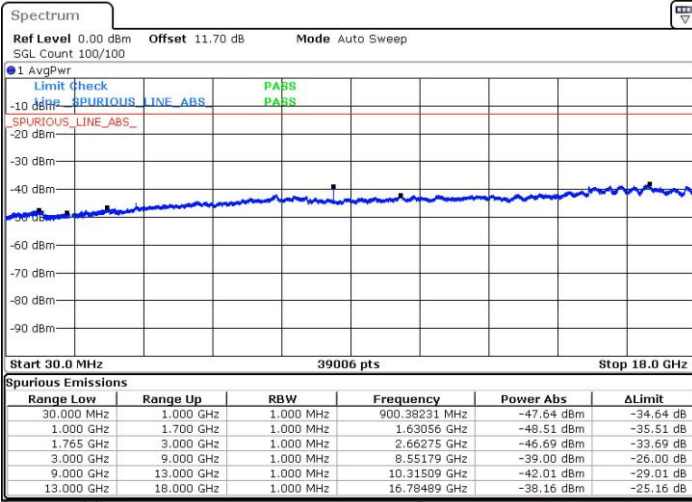
Date: 23 APR 2016 12:58:16



LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

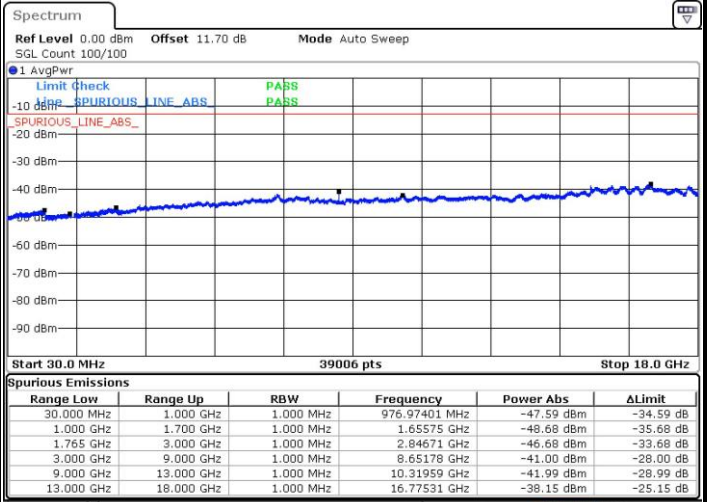
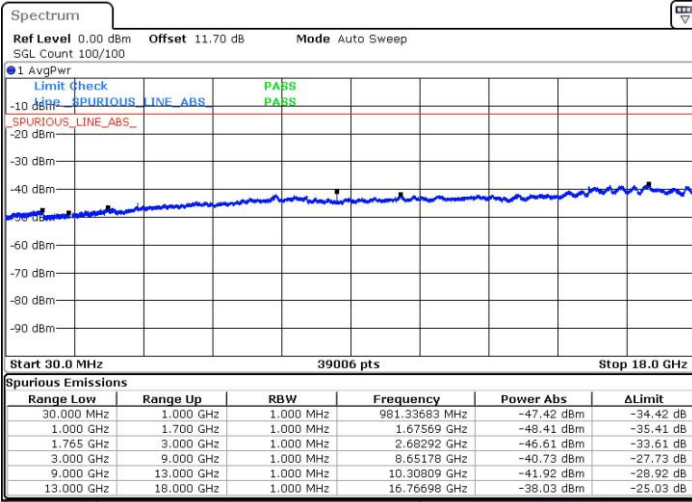


Date: 23 APR 2016 13:04:30

Date: 23 APR 2016 13:05:24

Middle Channel / QPSK

Middle Channel / 16QAM



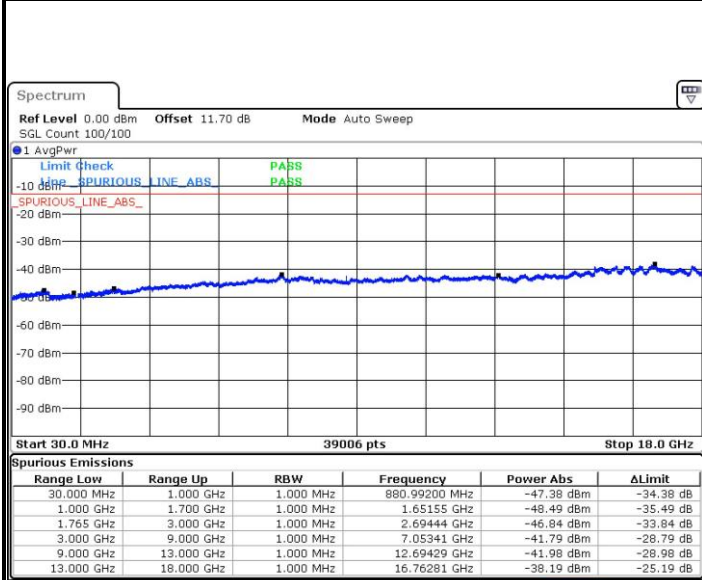
Date: 23 APR 2016 13:07:01

Date: 23 APR 2016 13:07:56



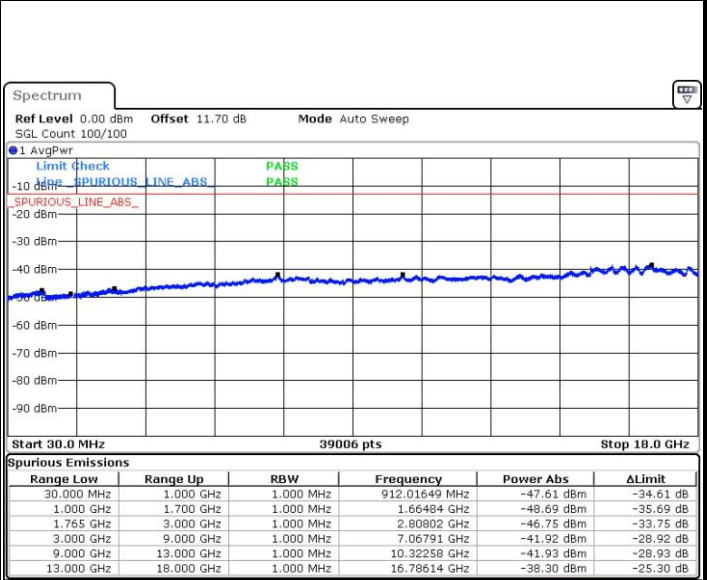
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 23 APR 2016 13:14:10

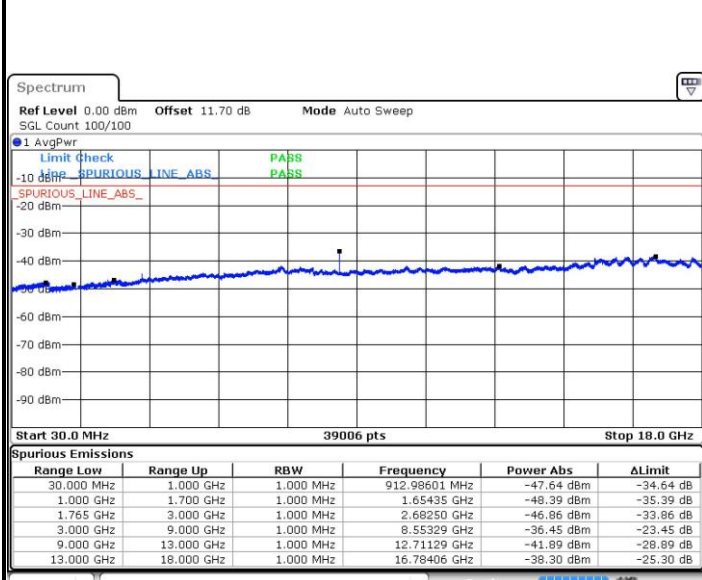
Highest Channel / 16QAM



Date: 23 APR 2016 13:15:05

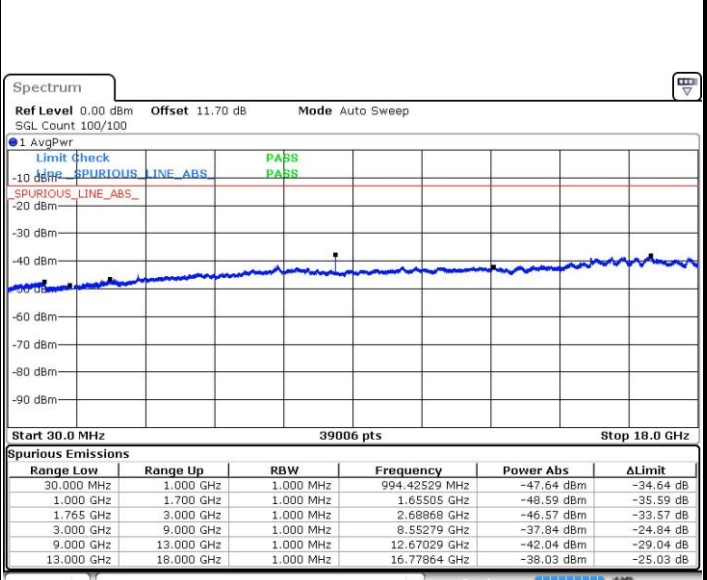
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 23 APR 2016 13:21:19

Lowest Channel / 16QAM



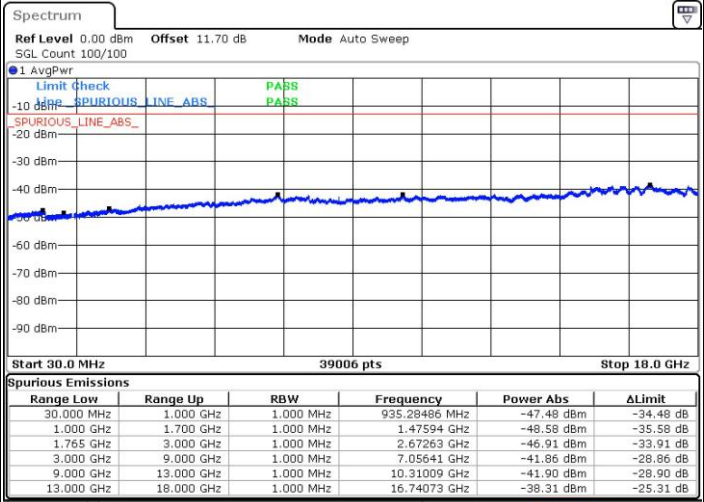
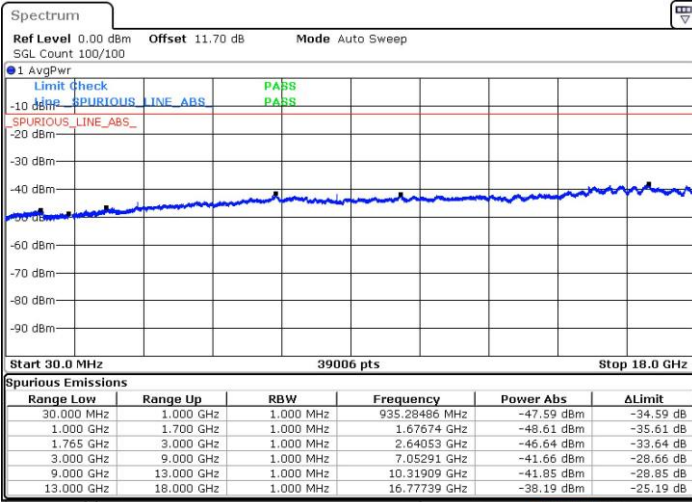
Date: 23 APR 2016 13:22:13



LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

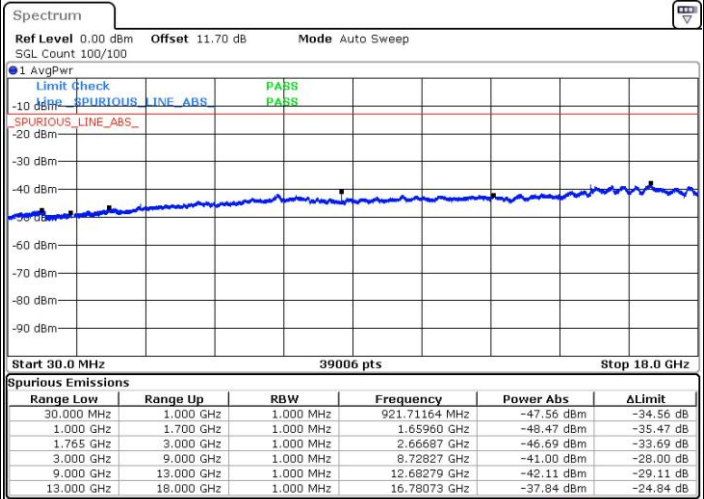
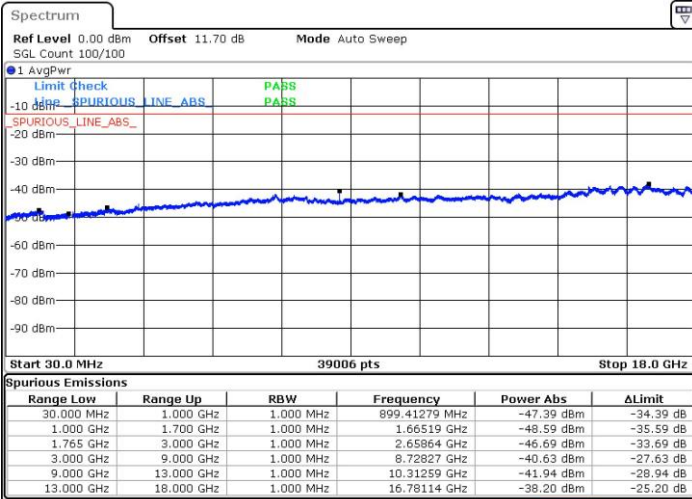


Date: 23 APR 2016 13:23:50

Date: 23 APR 2016 13:24:45

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 APR 2016 13:30:59

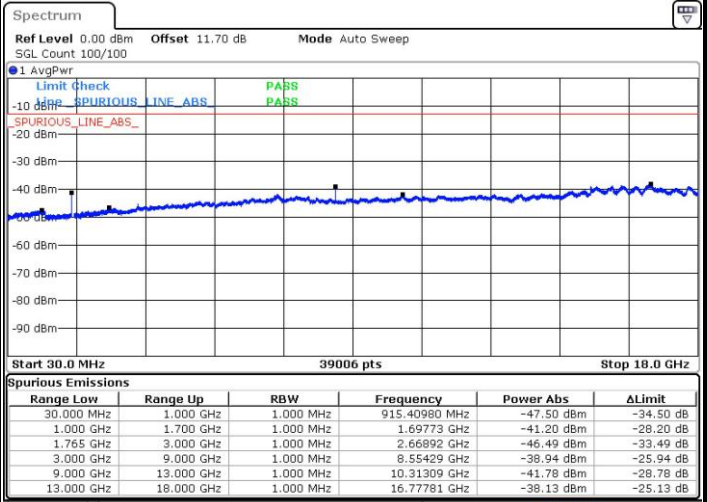
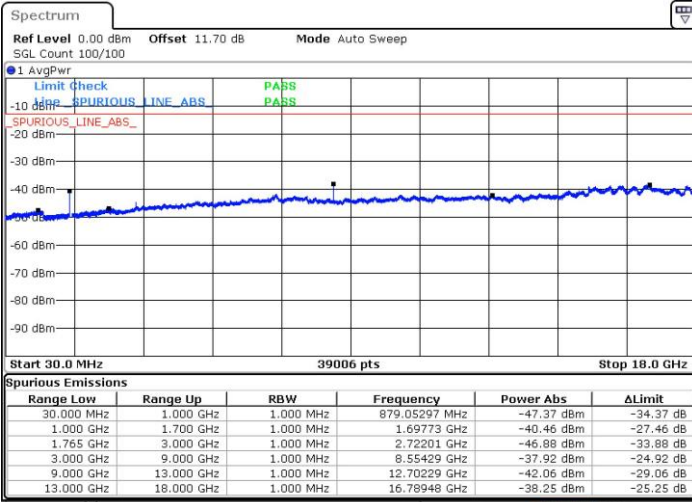
Date: 23 APR 2016 13:31:54



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

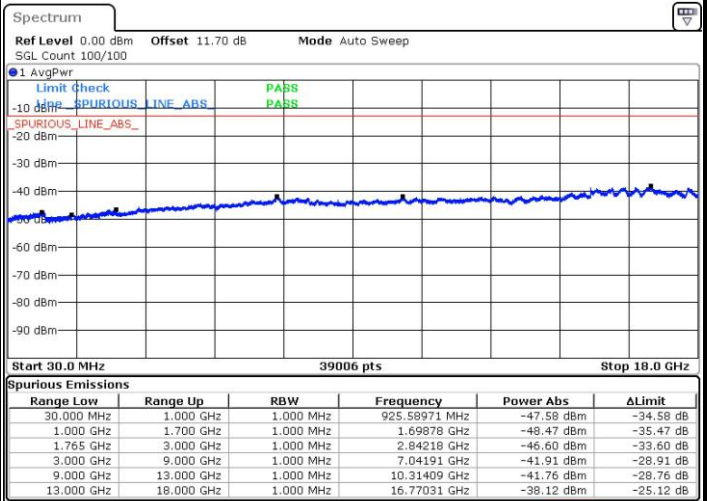
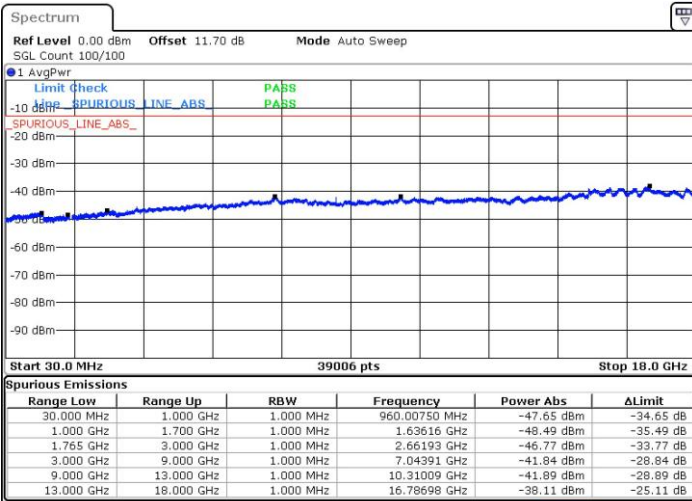


Date: 23 APR 2016 13:38:08

Date: 23 APR 2016 13:39:02

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 23 APR 2016 13:40:39

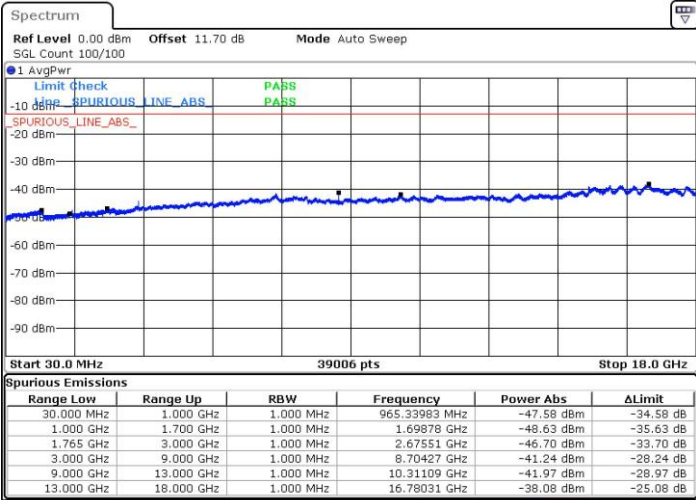
Date: 23 APR 2016 13:41:34



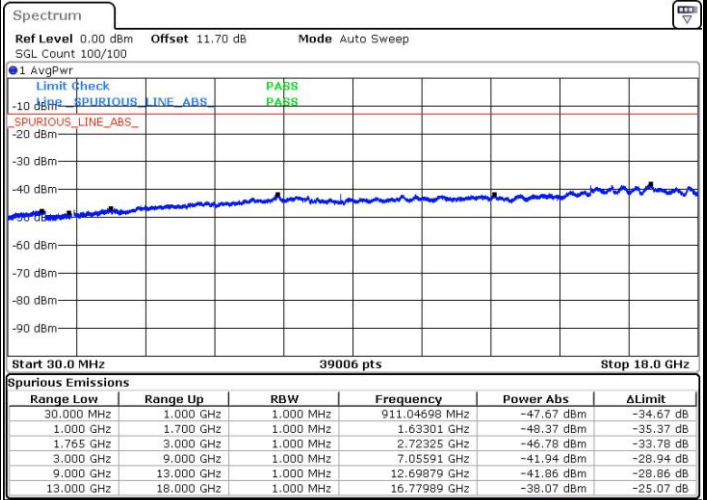
LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 APR 2016 13:47:48

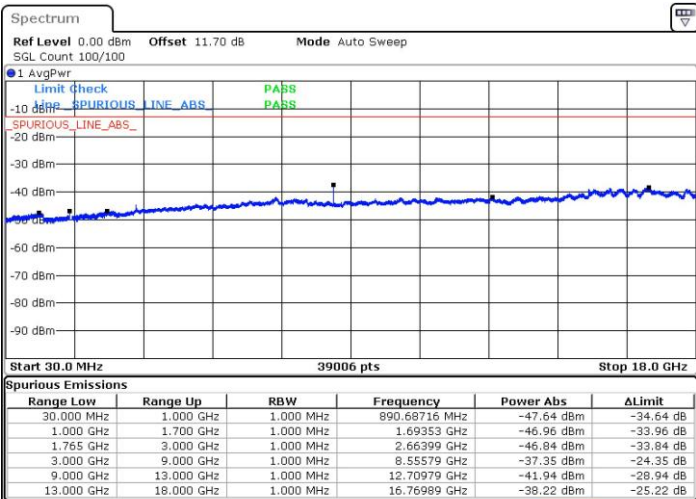


Date: 23 APR 2016 13:48:43

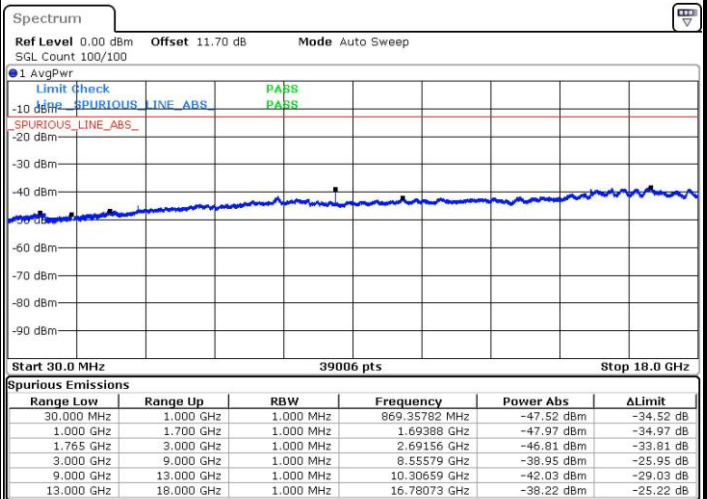
LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 23 APR 2016 13:54:57



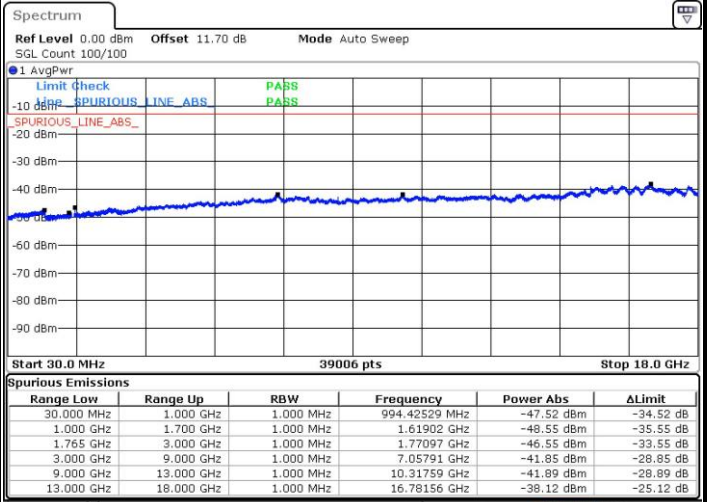
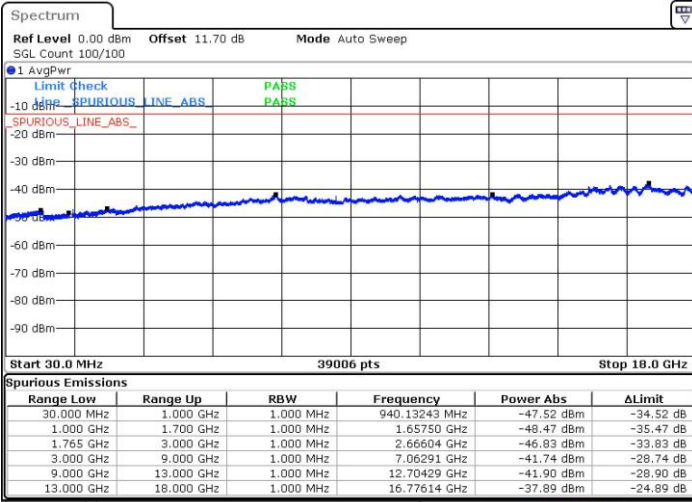
Date: 23 APR 2016 13:55:52



LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

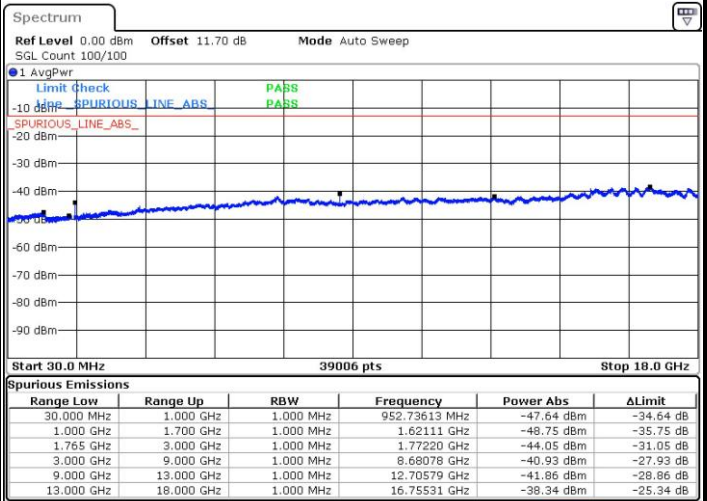
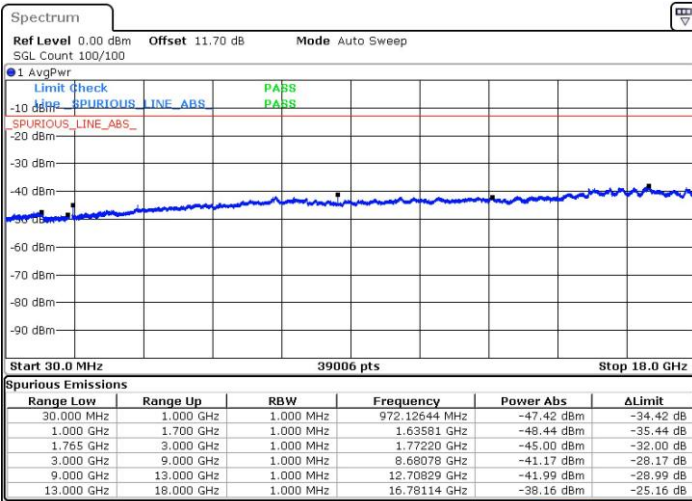


Date: 23 APR 2016 13:57:29

Date: 23 APR 2016 13:58:24

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 APR 2016 14:04:38

Date: 23 APR 2016 14:05:32



**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	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 5

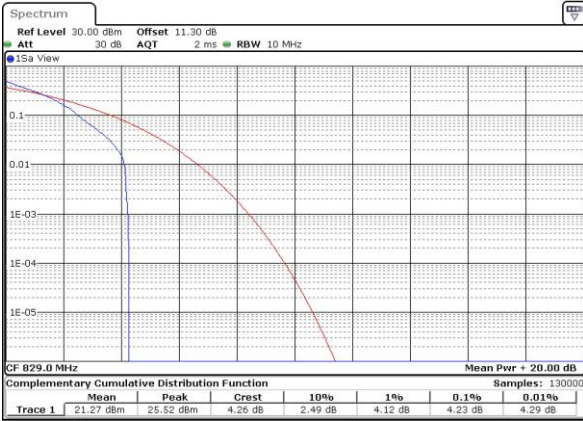
### Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.23	5.04	4.93	5.94	<b>PASS</b>
Middle CH	4.64	5.36	5.62	6.23	
Highest CH	4.67	5.04	5.45	5.88	



LTE Band 5 / 10MHz / QPSK

Lowest Channel / 1RB



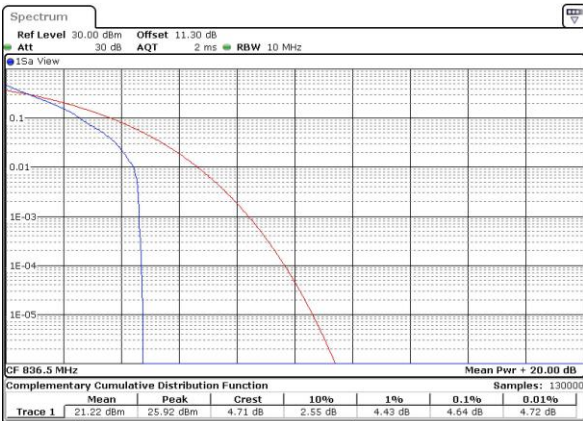
Date: 23 APR 2016 12:28:24

Lowest Channel / Full RB



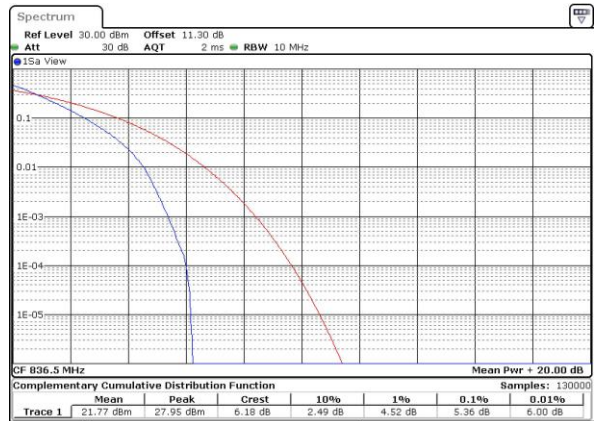
Date: 23 APR 2016 12:28:34

Middle Channel / 1RB



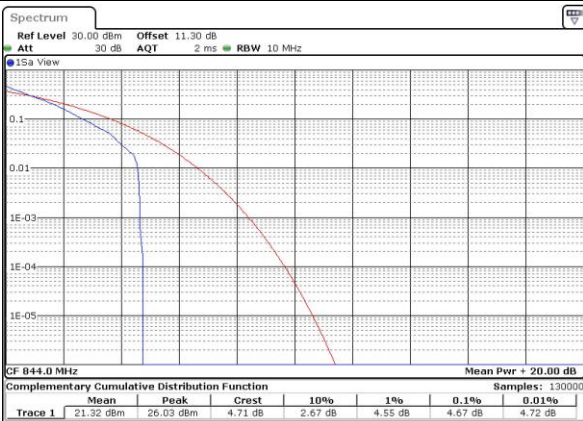
Date: 23 APR 2016 12:28:46

Middle Channel / Full RB



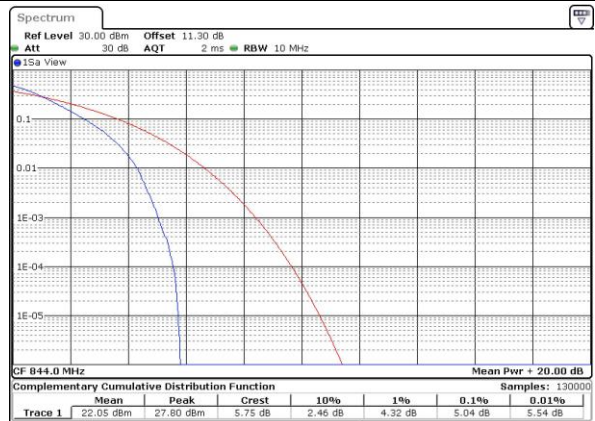
Date: 23 APR 2016 12:28:58

Highest Channel / 1RB



Date: 23 APR 2016 12:28:09

Highest Channel / Full RB



Date: 23 APR 2016 12:29:27



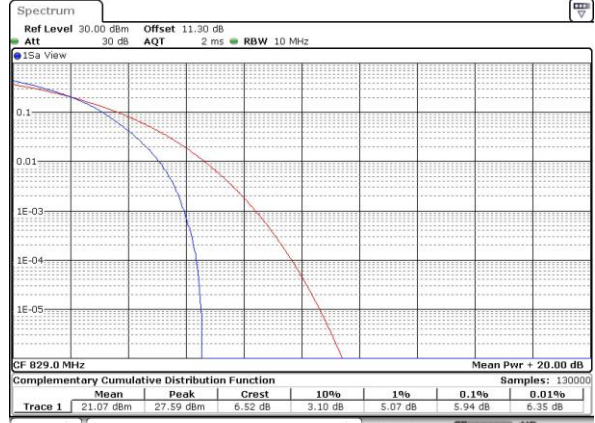
LTE Band 5 / 10MHz / 16QAM

Lowest Channel / 1RB



Date: 23 APR 2016 12:26:35

Lowest Channel / Full RB



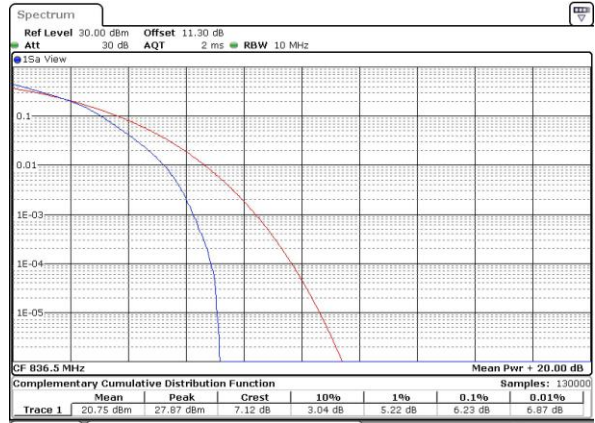
Date: 23 APR 2016 12:26:46

Middle Channel / 1RB



Date: 23 APR 2016 12:27:07

Middle Channel / Full RB



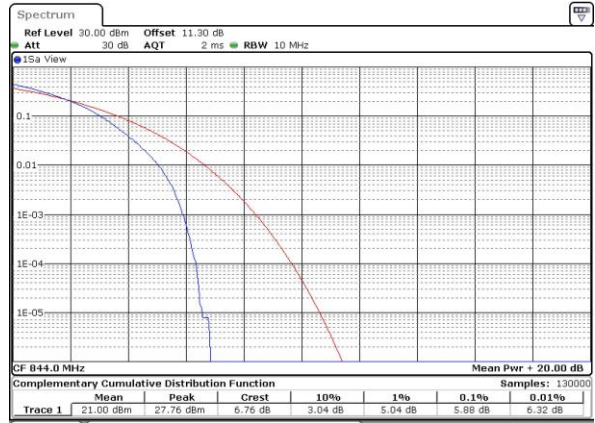
Date: 23 APR 2016 12:27:17

Highest Channel / 1RB



Date: 23 APR 2016 12:27:57

Highest Channel / Full RB



Date: 23 APR 2016 12:28:07