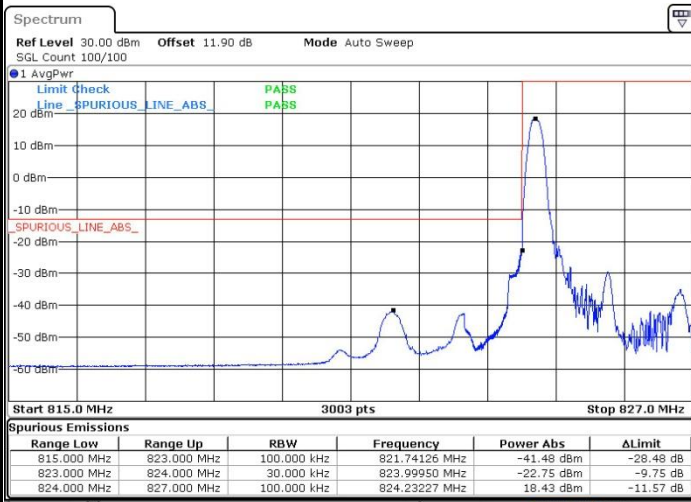




LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

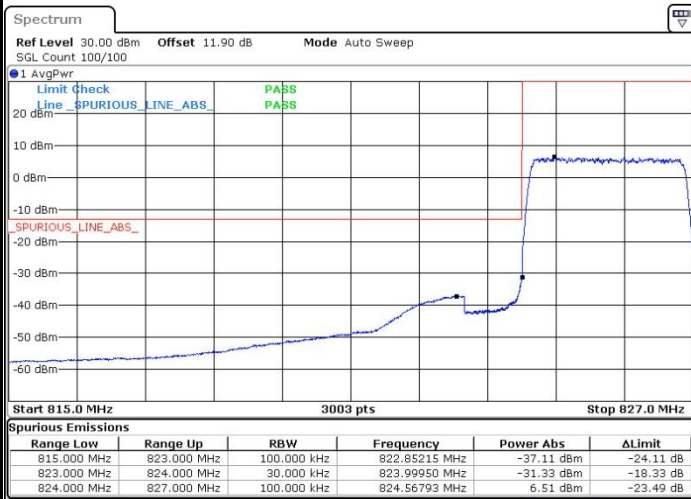


Date: 3.OCT.2015 13:35:37

Date: 3.OCT.2015 13:48:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.OCT.2015 13:39:26

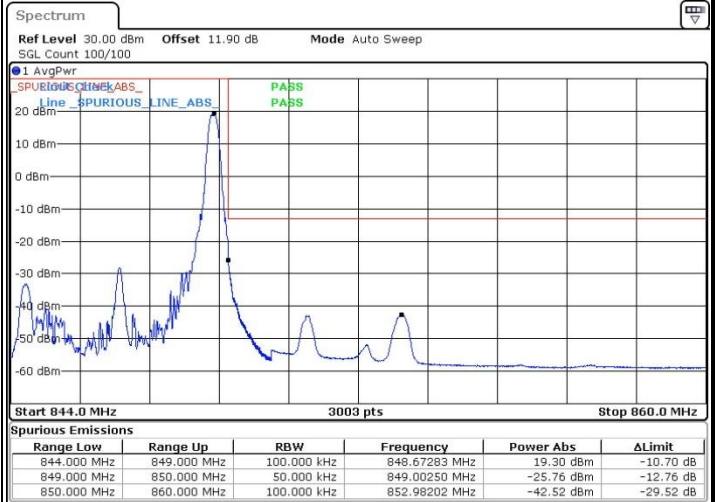
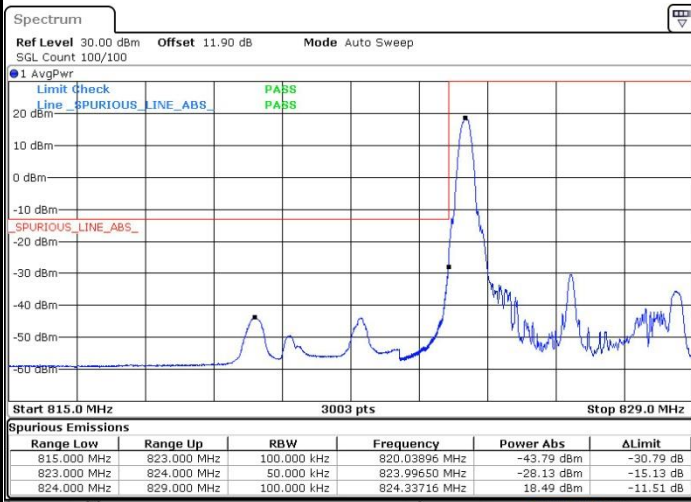
Date: 3.OCT.2015 13:52:05



LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

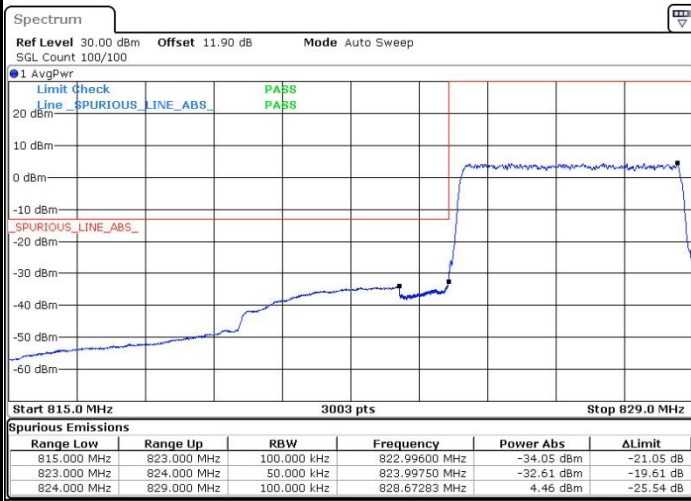


Date: 3.OCT.2015 13:56:30

Date: 3.OCT.2015 14:09:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



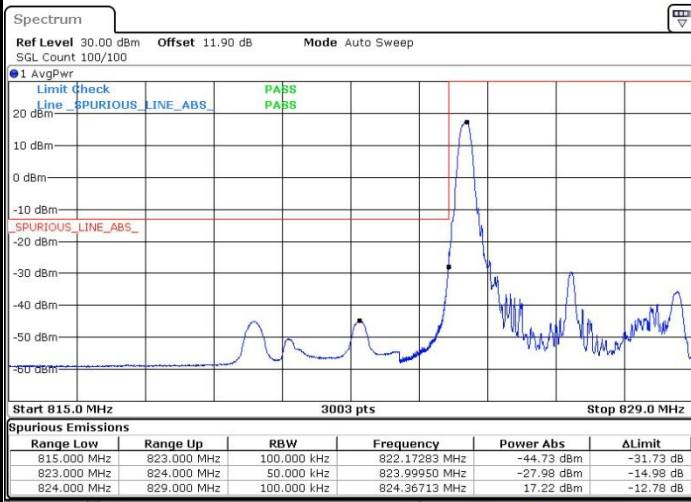
Date: 3.OCT.2015 14:00:19

Date: 3.OCT.2015 14:12:58



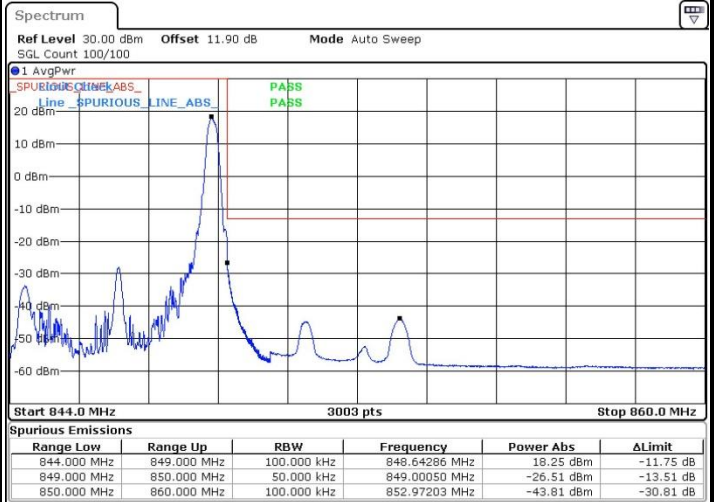
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



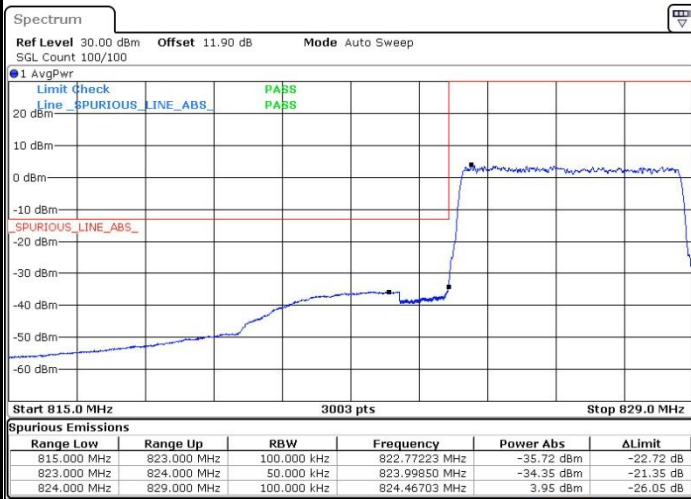
Date: 3.OCT.2015 13:58:24

Highest Band Edge / 1 RB



Date: 3.OCT.2015 14:11:04

Lowest Band Edge / Full RB



Date: 3.OCT.2015 14:02:13

Highest Band Edge / Full RB



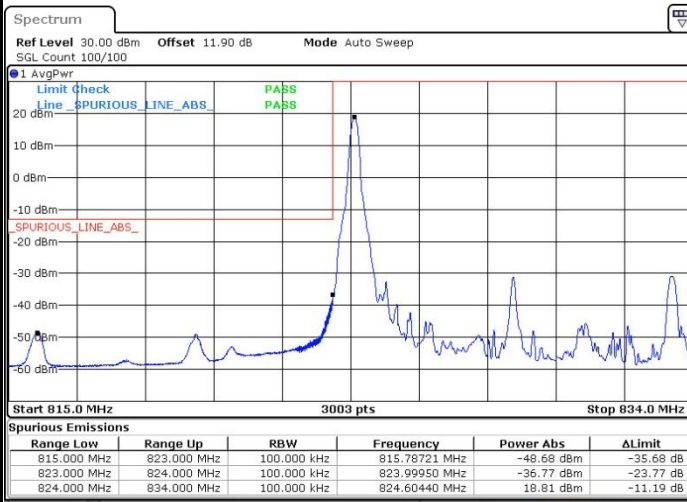
Date: 3.OCT.2015 14:14:53



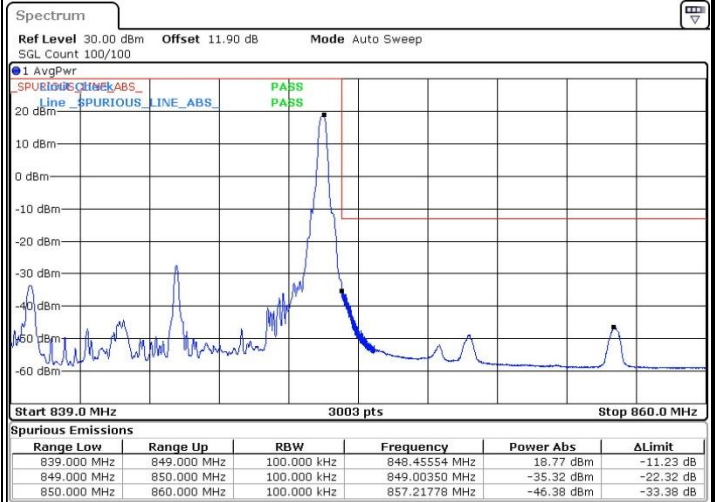
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



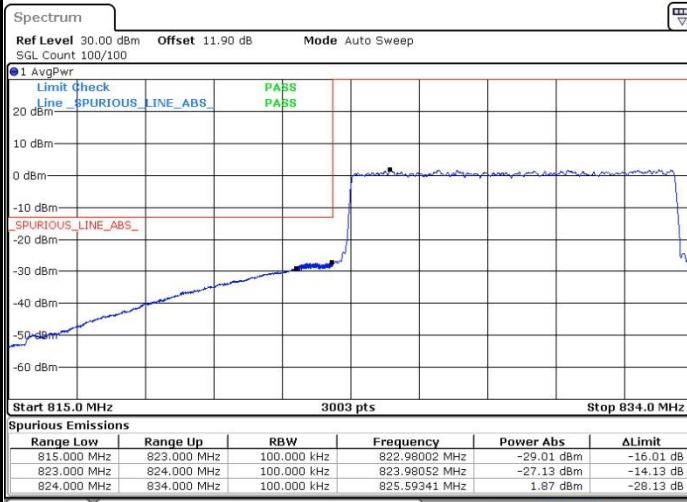
Date: 3.OCT.2015 14:19:18



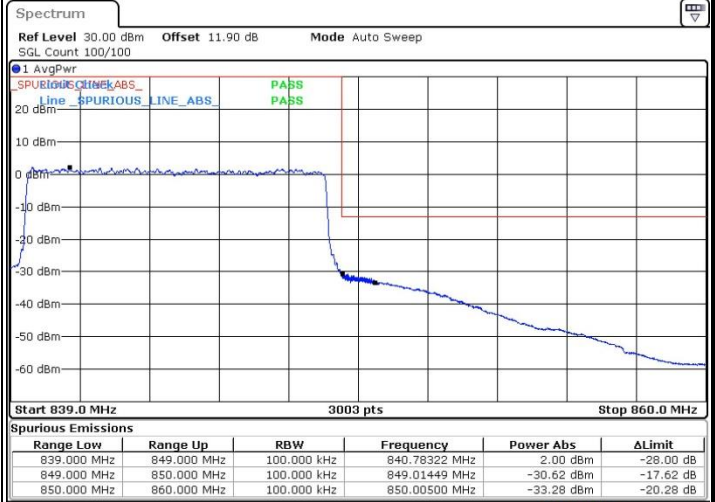
Date: 3.OCT.2015 14:31:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.OCT.2015 14:23:07



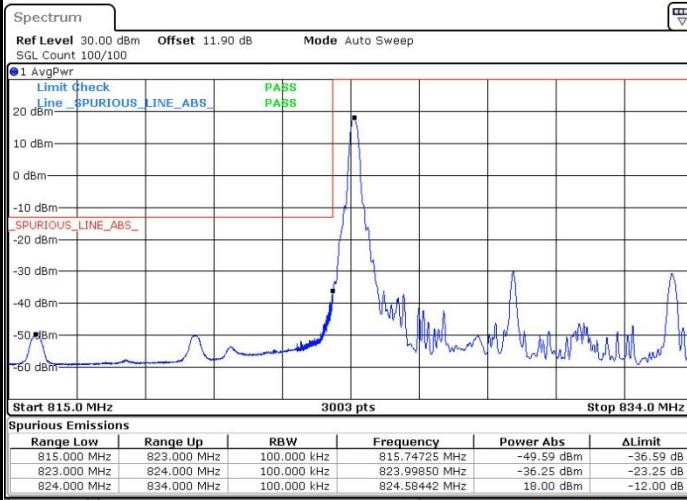
Date: 3.OCT.2015 14:35:46





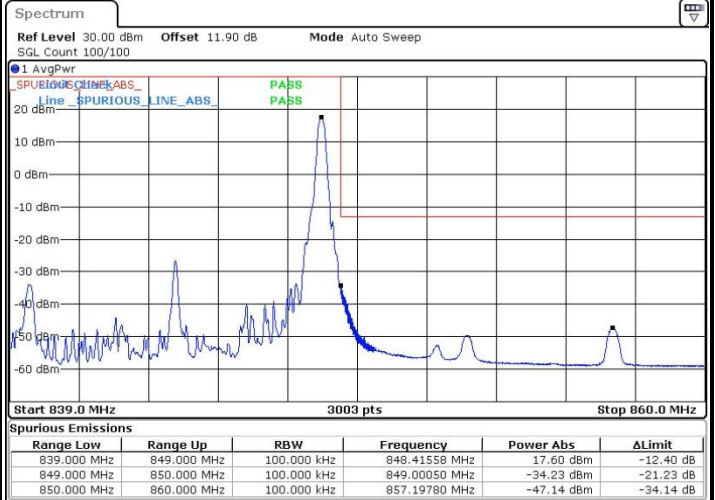
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



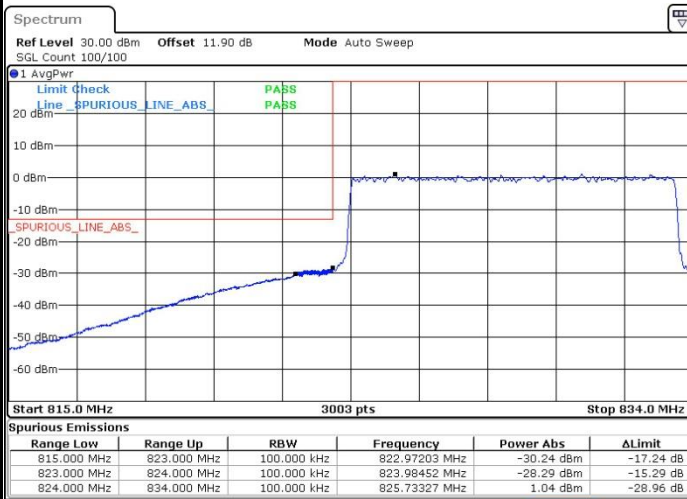
Date: 3.OCT.2015 14:21:13

Highest Band Edge / 1 RB



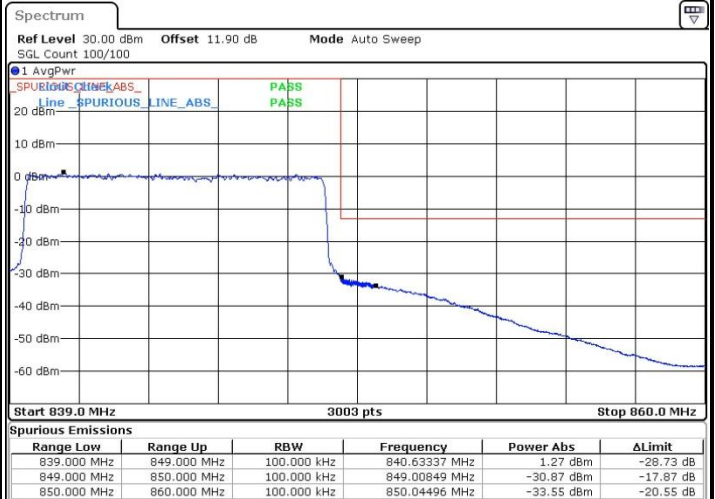
Date: 3.OCT.2015 14:33:52

Lowest Band Edge / Full RB



Date: 3.OCT.2015 14:25:01

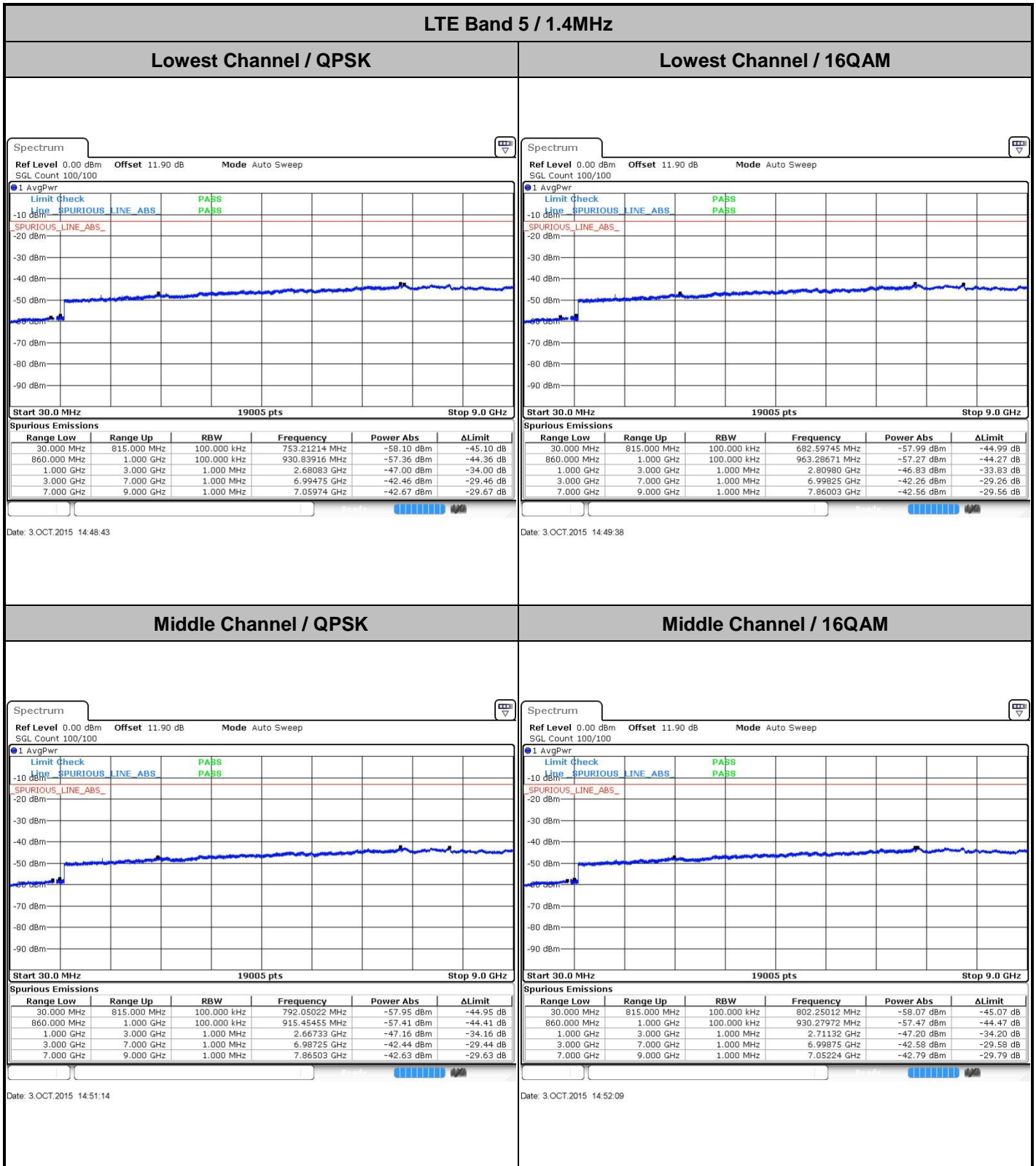
Highest Band Edge / Full RB



Date: 3.OCT.2015 14:37:40



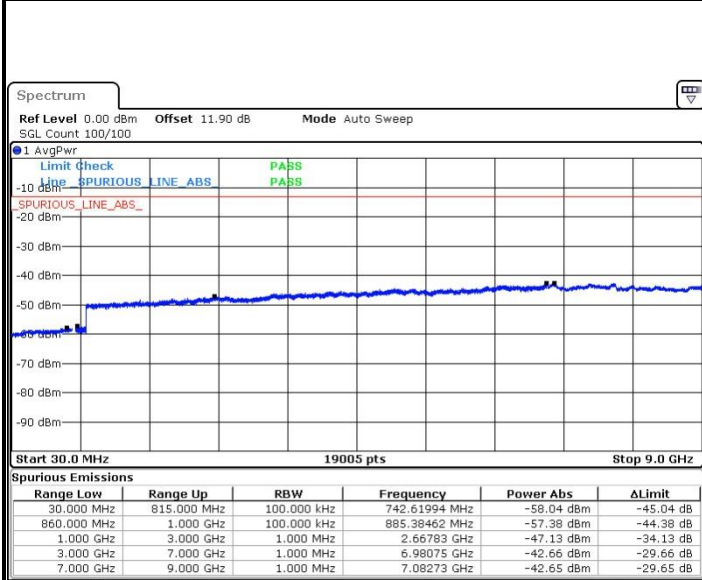
# Conducted Spurious Emission





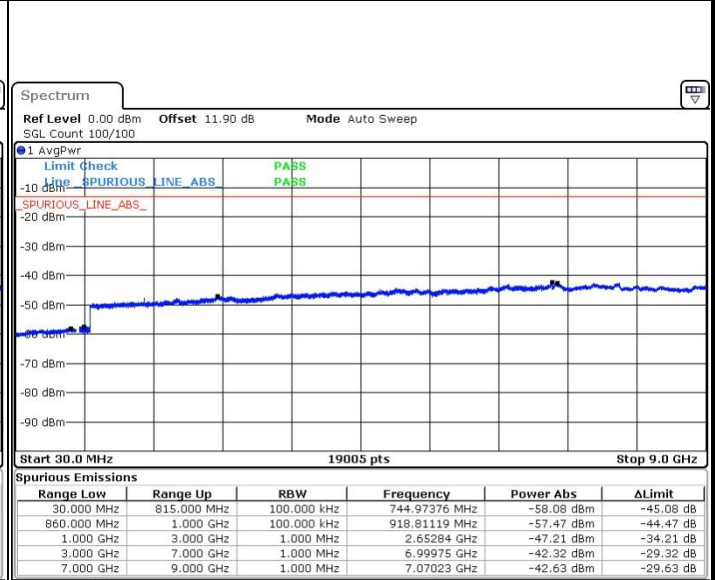
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 3.OCT.2015 15:01:22

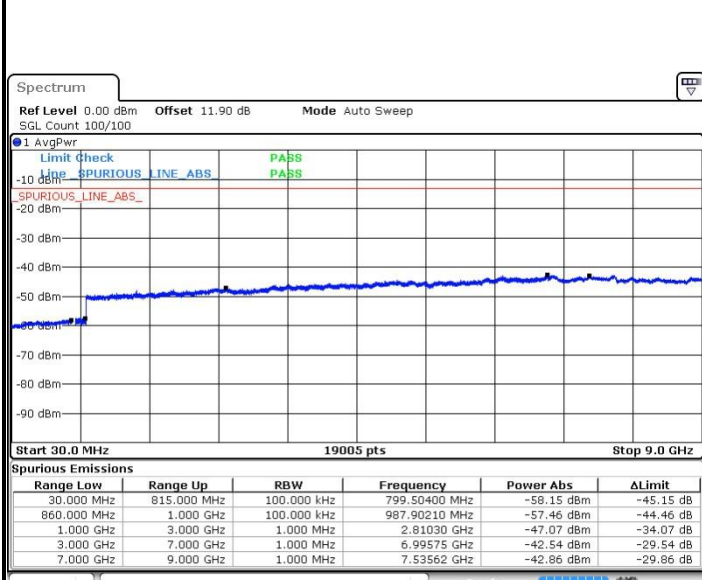
Highest Channel / 16QAM



Date: 3.OCT.2015 15:02:17

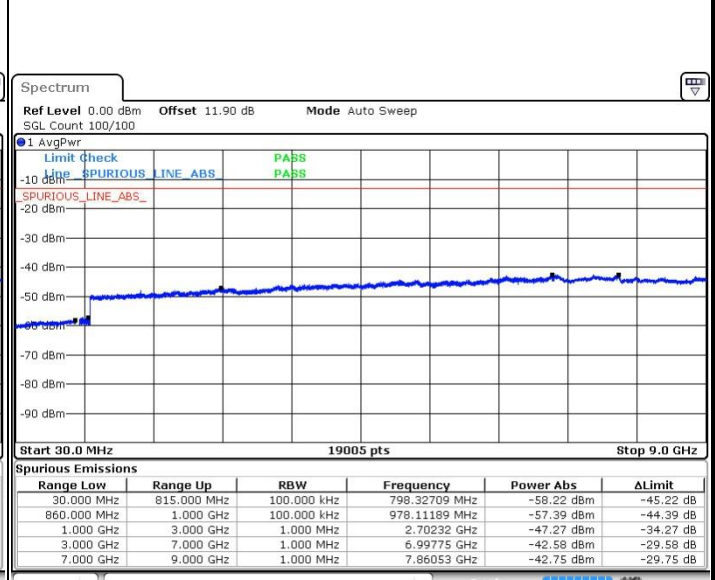
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 13:40:21

Lowest Channel / 16QAM



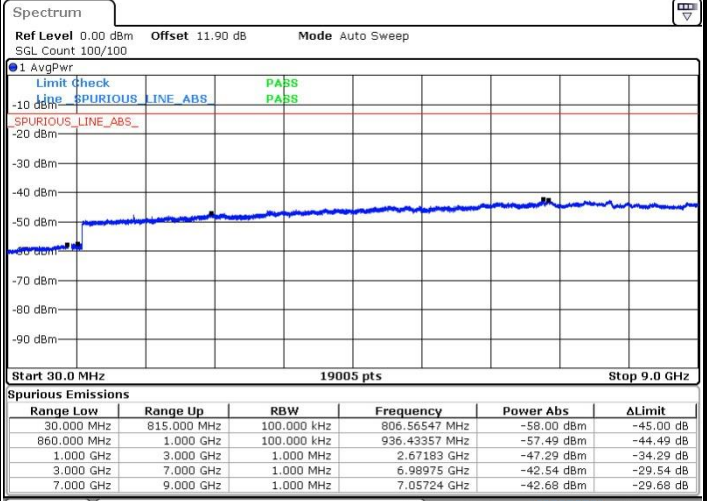
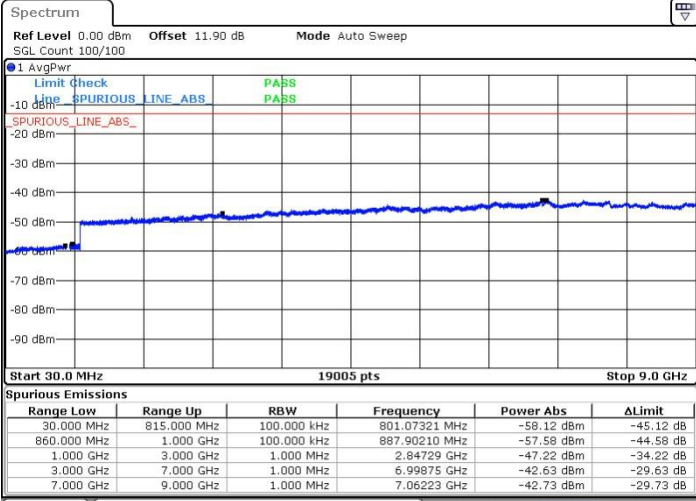
Date: 3.OCT.2015 13:41:15



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

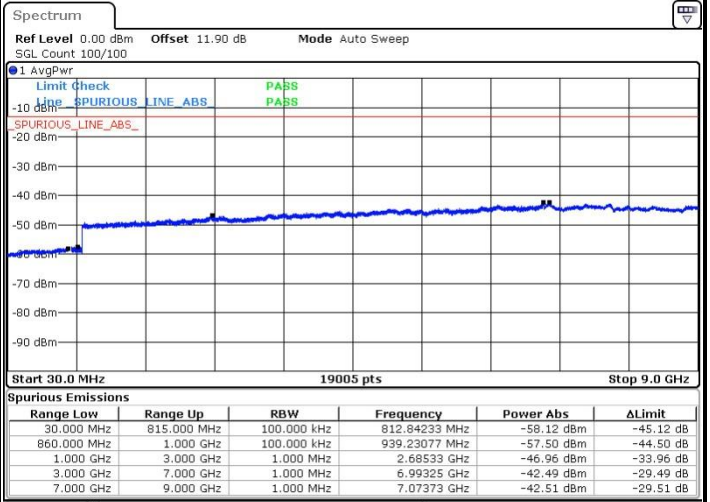
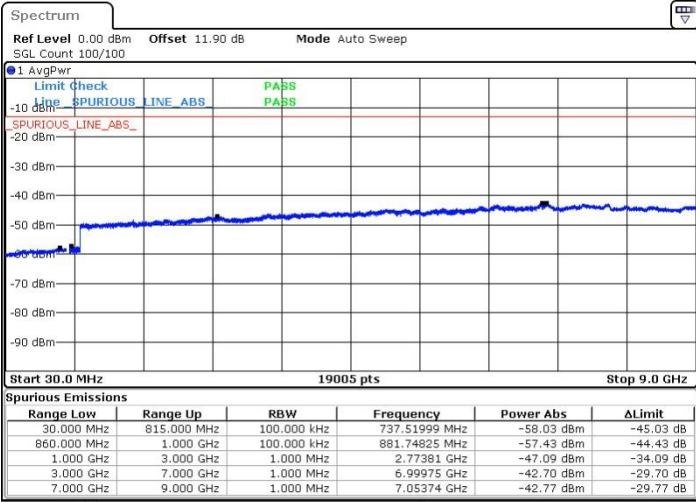


Date: 3.OCT.2015 13:42:52

Date: 3.OCT.2015 13:43:46

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.OCT.2015 13:53:00

Date: 3.OCT.2015 13:53:54

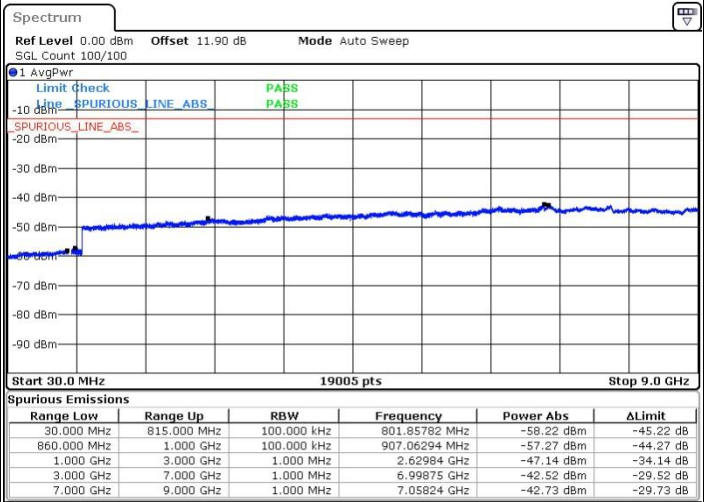
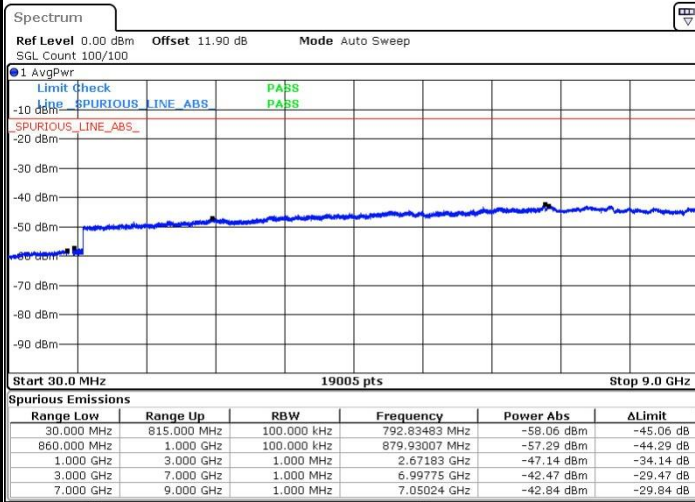




LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

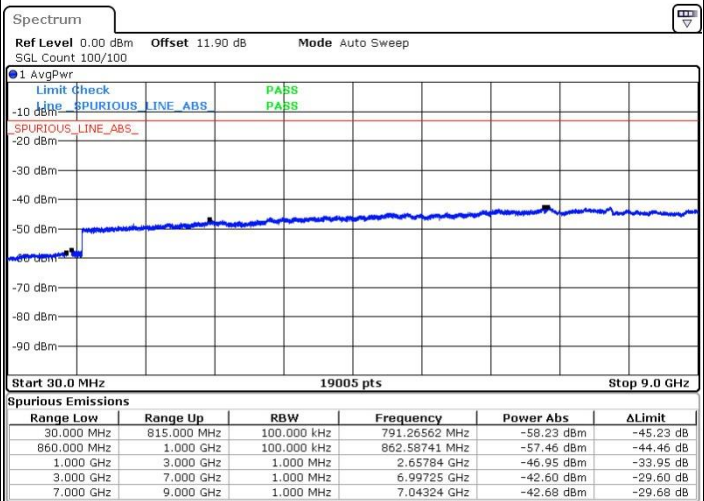
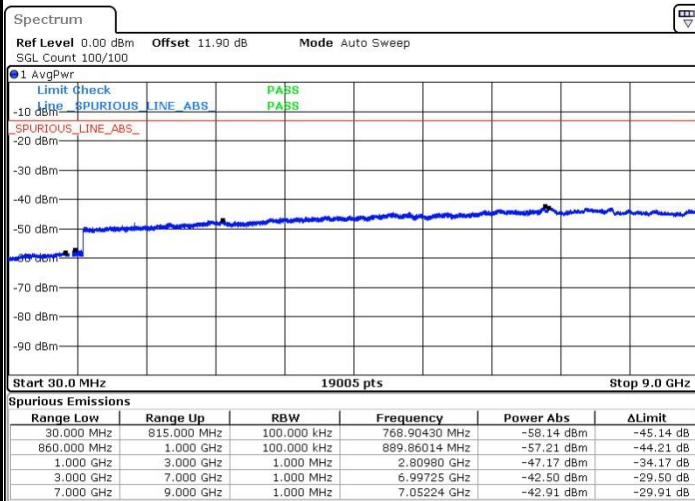


Date: 3.OCT.2015 14:03:08

Date: 3.OCT.2015 14:04:02

Middle Channel / QPSK

Middle Channel / 16QAM



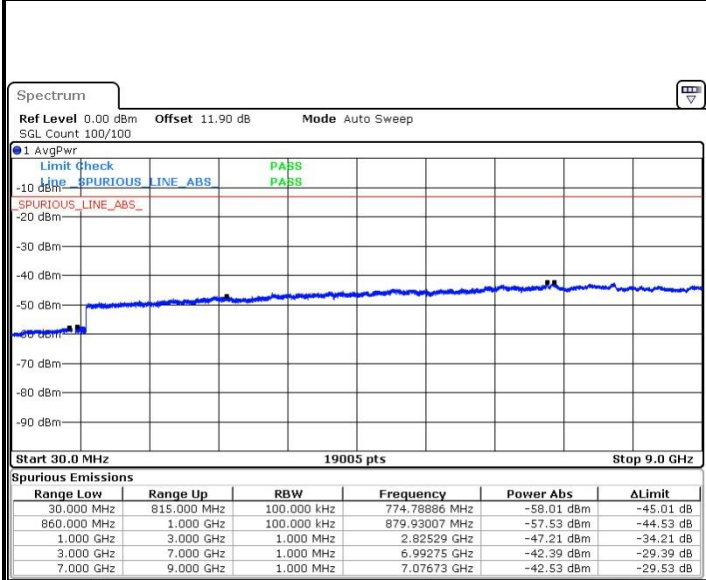
Date: 3.OCT.2015 14:05:39

Date: 3.OCT.2015 14:06:33



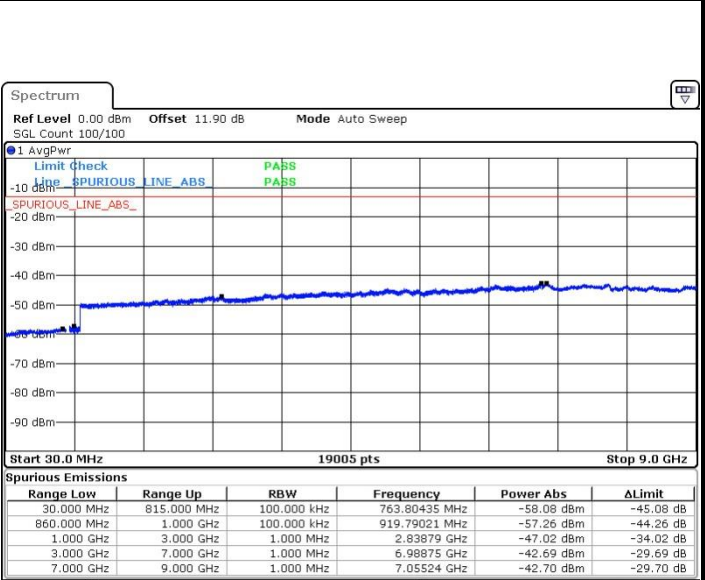
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 3.OCT.2015 14:15:48

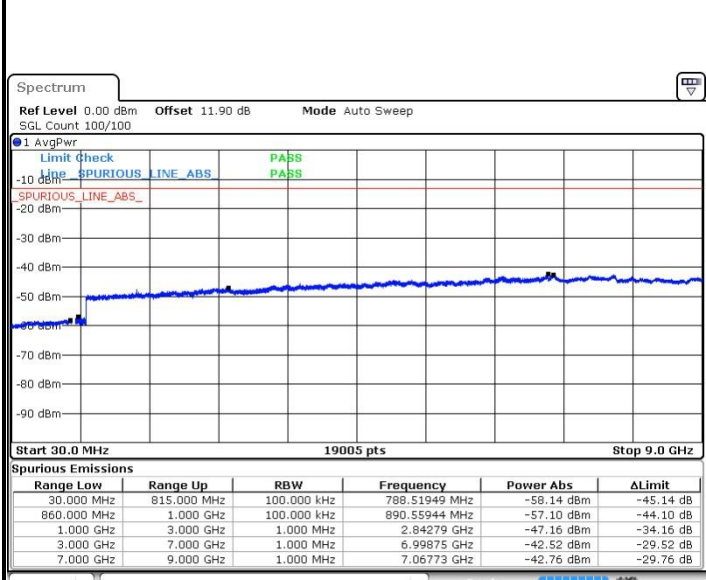
Highest Channel / 16QAM



Date: 3.OCT.2015 14:16:42

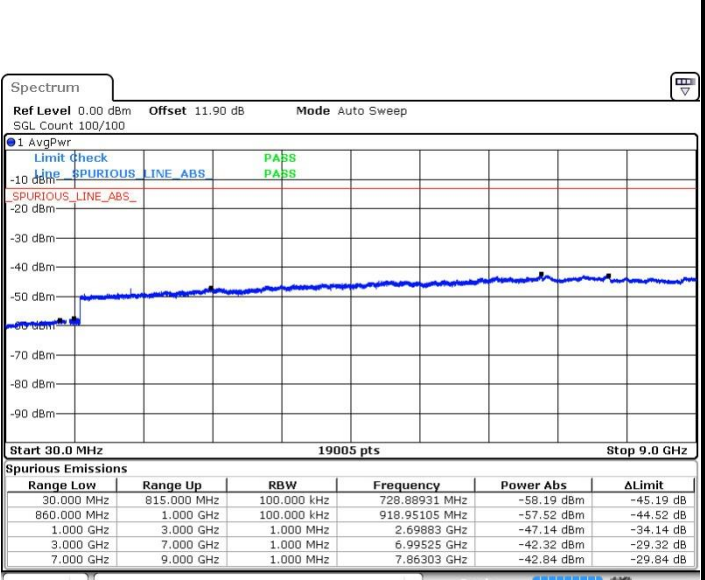
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 14:25:56

Lowest Channel / 16QAM



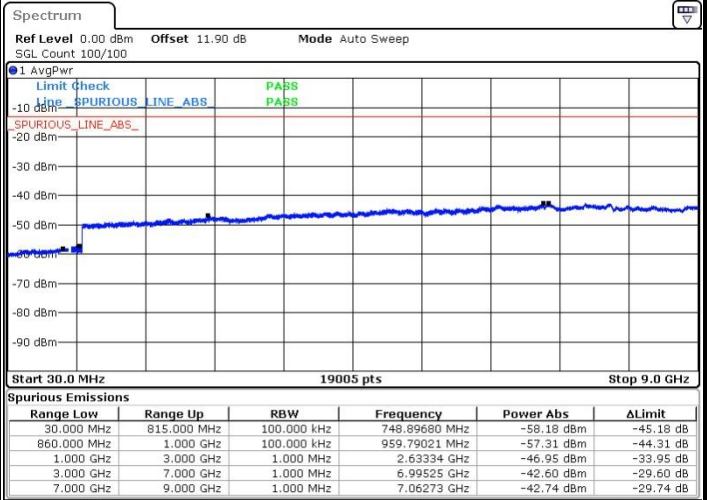
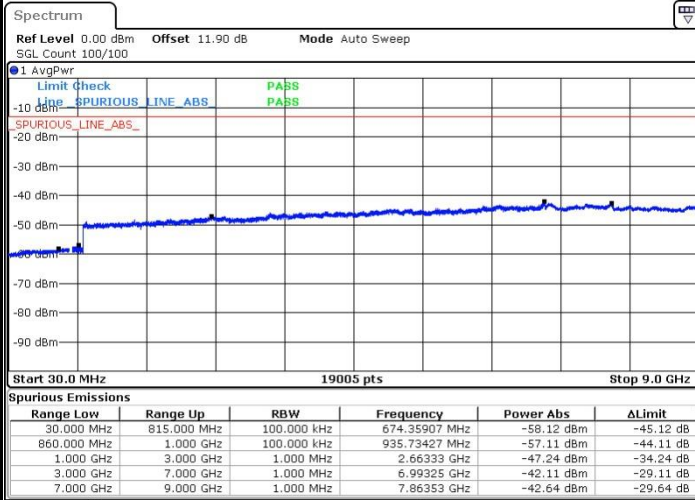
Date: 3.OCT.2015 14:26:51



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

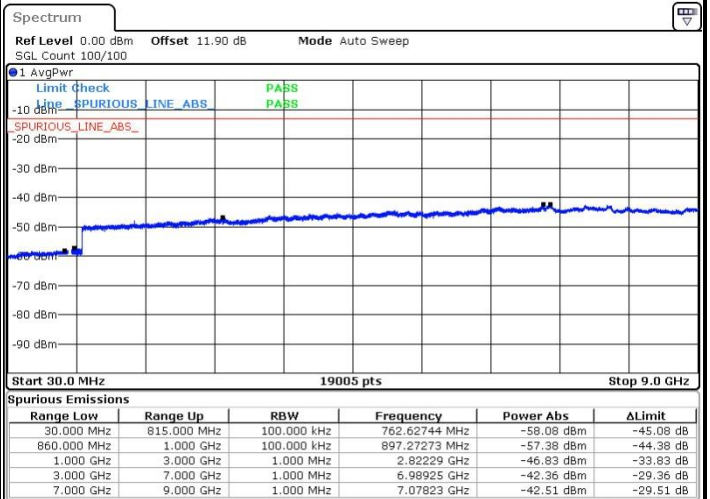
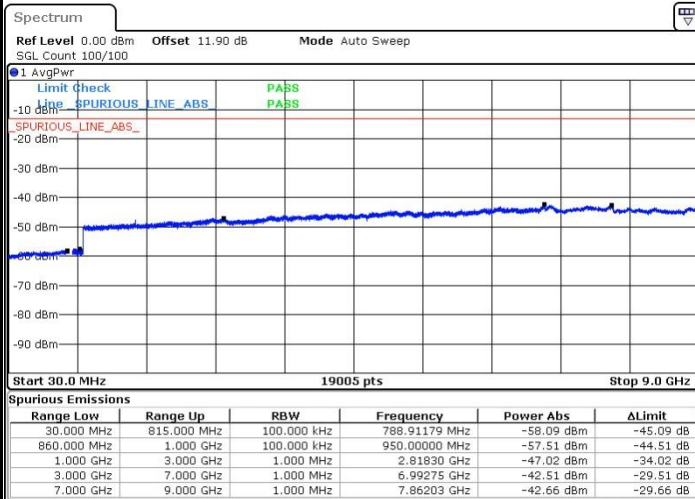


Date: 3.OCT.2015 14:28:27

Date: 3.OCT.2015 14:29:22

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.OCT.2015 14:38:35

Date: 3.OCT.2015 14:39:30



**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	0.0004	PASS
40	Normal Voltage	0.0108	
30	Normal Voltage	0.0116	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0115	
-10	Normal Voltage	0.0108	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0114	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0110	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



## 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	3.13	4.35	3.62	6.12	<b>PASS</b>
Middle CH	2.99	4.23	3.25	4.64	
Highest CH	3.01	3.88	3.25	6.17	





LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 5.OCT.2015 11:20:14

Lowest Channel / Full RB



Date: 5.OCT.2015 11:20:25

Middle Channel / 1RB



Date: 5.OCT.2015 11:20:35

Middle Channel / Full RB



Date: 5.OCT.2015 11:20:45

Highest Channel / 1RB



Date: 5.OCT.2015 11:20:55

Highest Channel / Full RB



Date: 5.OCT.2015 11:21:08