



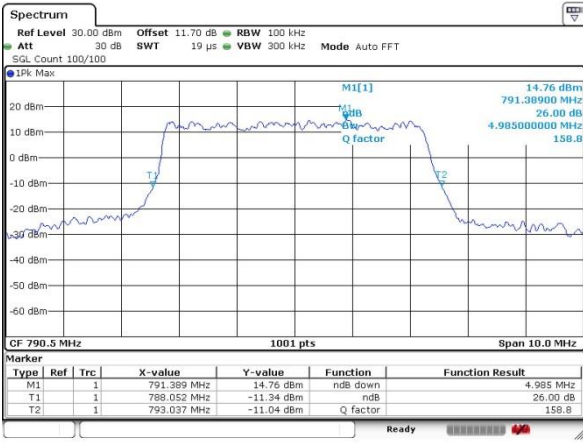
**26dB Bandwidth**

Mode	LTE Band 14: 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.99	4.99	-	-	-	-	-	-
Middle CH	-	-	-	-	4.96	4.91	9.97	9.97	-	-	-	-
Highest CH	-	-	-	-	4.93	5.0	-	-	-	-	-	-



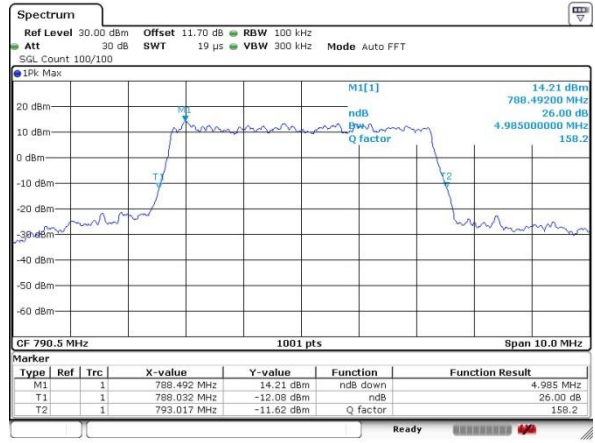
LTE Band 14

Lowest Channel / 5MHz / QPSK



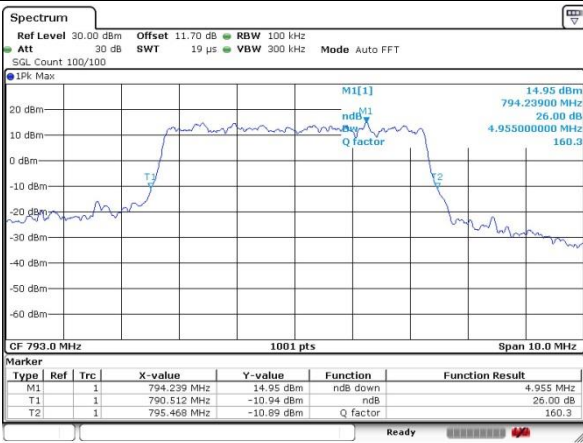
Date: 6 NOV 2015 23:42:34

Lowest Channel / 5MHz / 16QAM



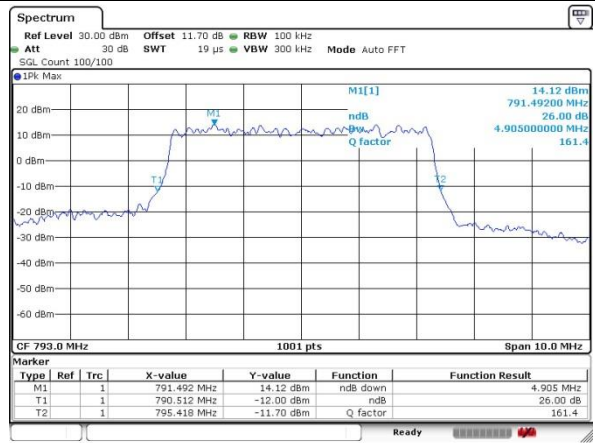
Date: 6 NOV 2015 23:42:24

Middle Channel / 5MHz / QPSK



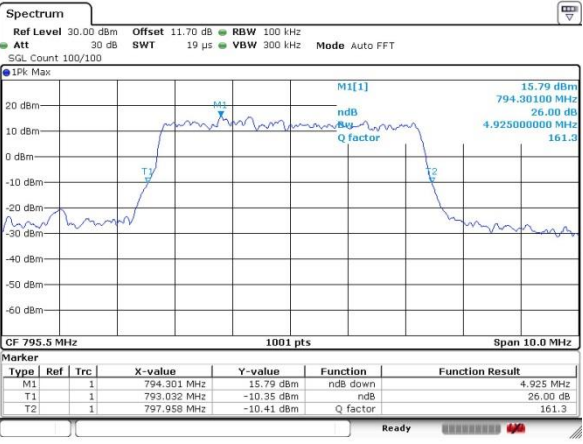
Date: 6 NOV 2015 23:41:53

Middle Channel / 5MHz / 16QAM



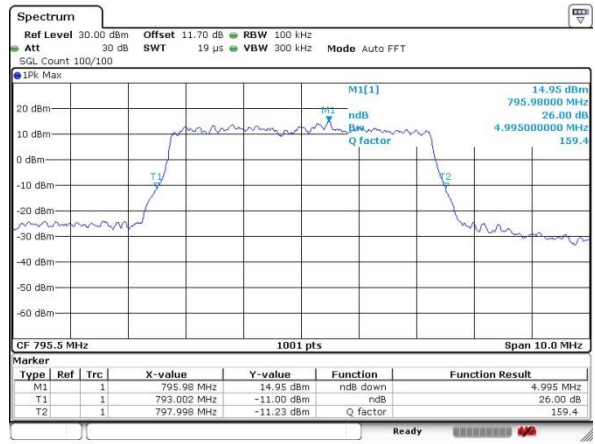
Date: 6 NOV 2015 23:42:01

Highest Channel / 5MHz / QPSK



Date: 6 NOV 2015 23:42:47

Highest Channel / 5MHz / 16QAM



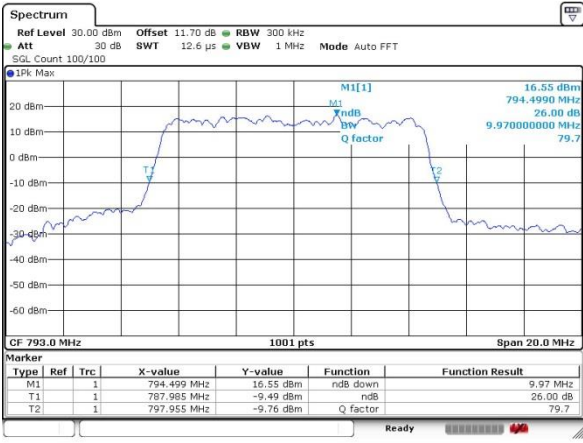
Date: 6 NOV 2015 23:42:57



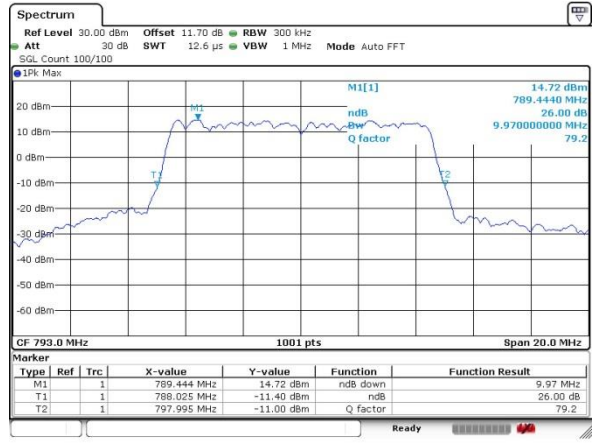
LTE Band 14

Middle Channel / 10MHz / QPSK

Middle Channel / 10MHz / 16QAM



Date: 6 NOV 2015 23:35:53



Date: 6 NOV 2015 23:36:18



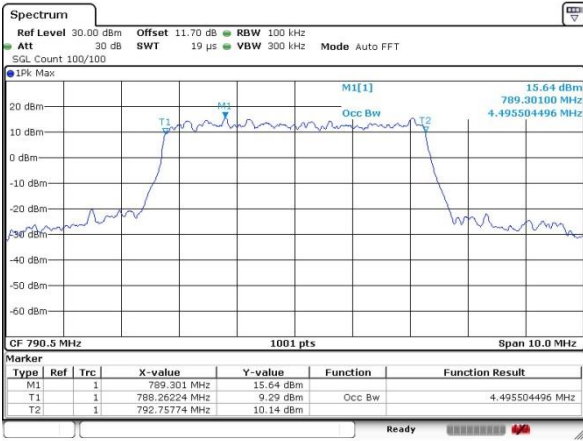
### Occupied Bandwidth

Mode	LTE Band 14: 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.52	-	-	-	-	-	-
Middle CH	-	-	-	-	4.51	4.49	9.05	8.97	-	-	-	-
Highest CH	-	-	-	-	4.50	4.50	-	-	-	-	-	-



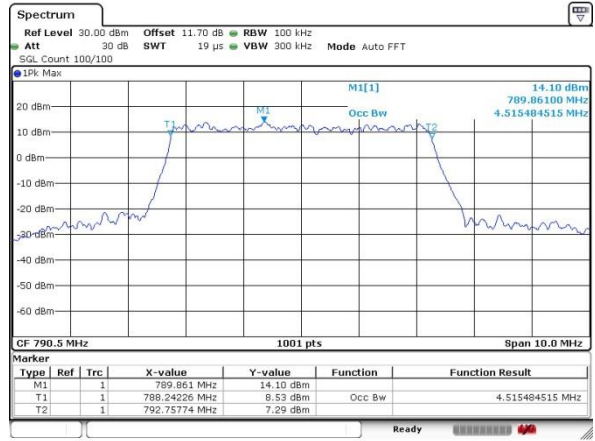
LTE Band 14

Lowest Channel / 5MHz / QPSK



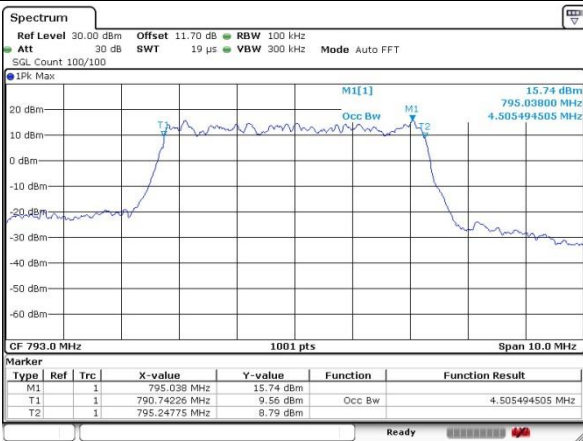
Date: 6 NOV 2015 23:38:42

Lowest Channel / 5MHz / 16QAM



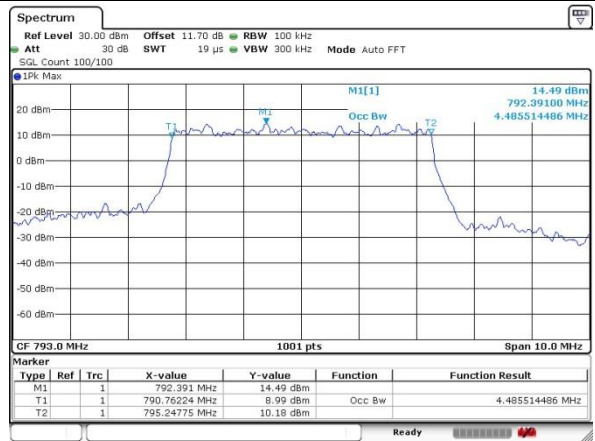
Date: 6 NOV 2015 23:38:27

Middle Channel / 5MHz / QPSK



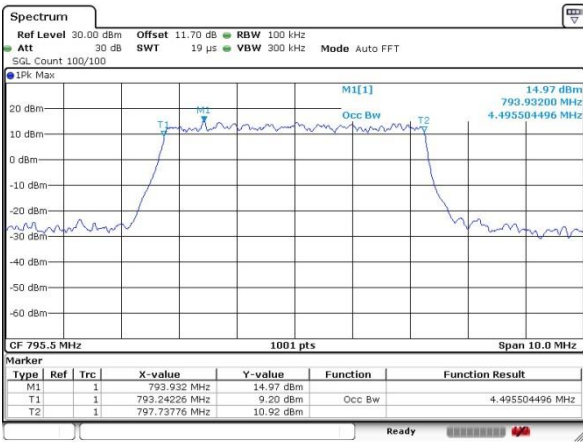
Date: 6 NOV 2015 23:37:03

Middle Channel / 5MHz / 16QAM



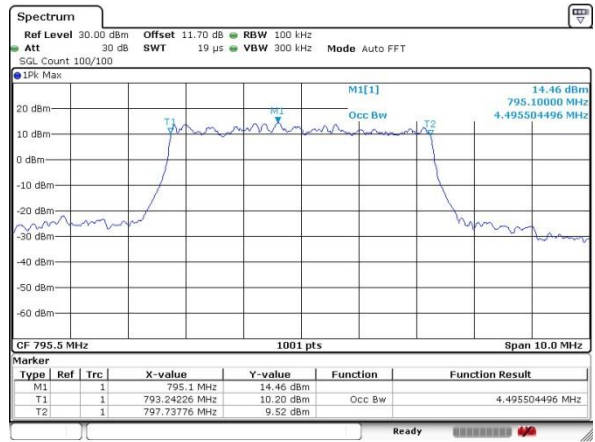
Date: 6 NOV 2015 23:40:15

Highest Channel / 5MHz / QPSK



Date: 6 NOV 2015 23:39:08

Highest Channel / 5MHz / 16QAM



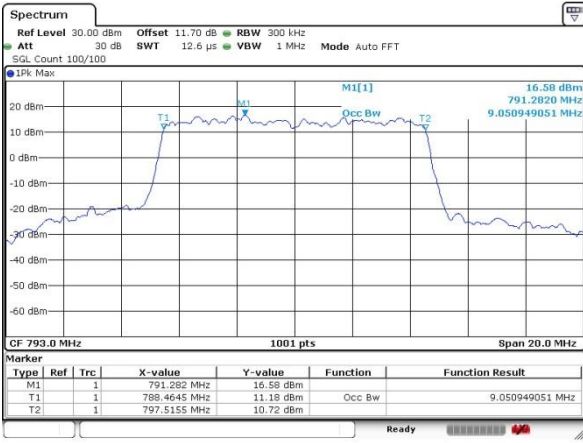
Date: 6 NOV 2015 23:39:19



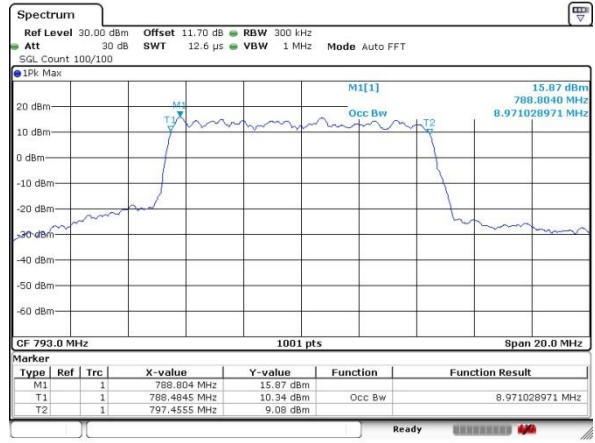
LTE Band 14

Middle Channel / 10MHz / QPSK

Middle Channel / 10MHz / 16QAM



Date: 6 NOV 2015 23:34:14



Date: 6 NOV 2015 23:35:01

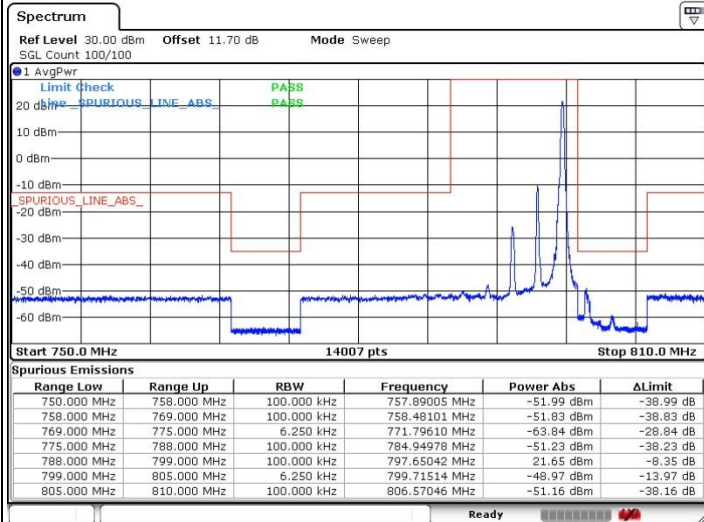
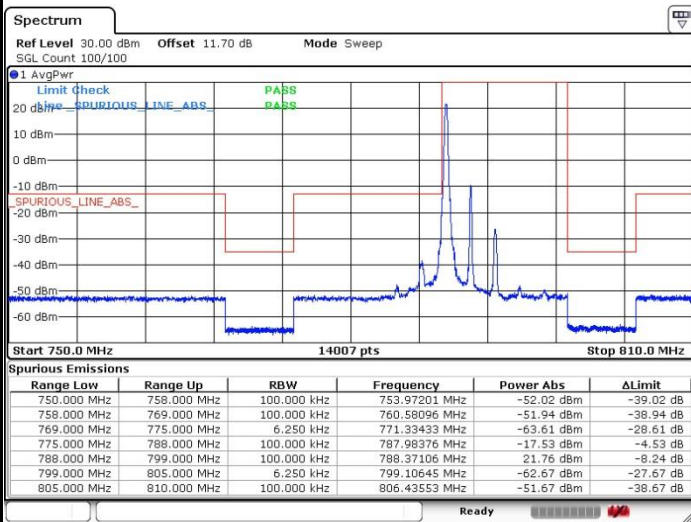


# Conducted Band Edge

## LTE Band 14/ 5MHz / QPSK

### Lowest Band Edge / 1 RB

### Highest Band Edge / 1 RB

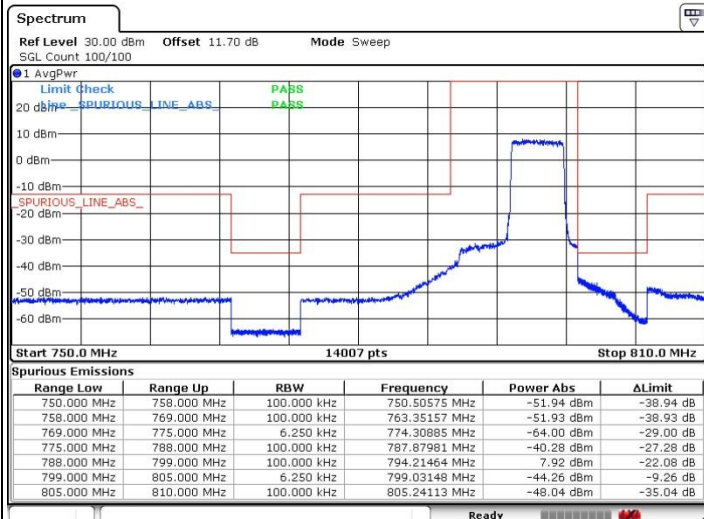
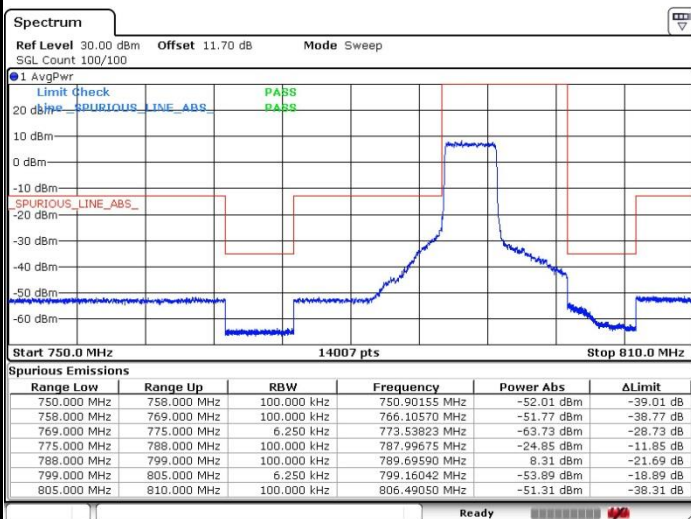


Date: 9 NOV. 2015 15:03:33

Date: 9 NOV. 2015 15:04:58

### Lowest Band Edge / Full RB

### Highest Band Edge / Full RB



Date: 9 NOV. 2015 15:42:38

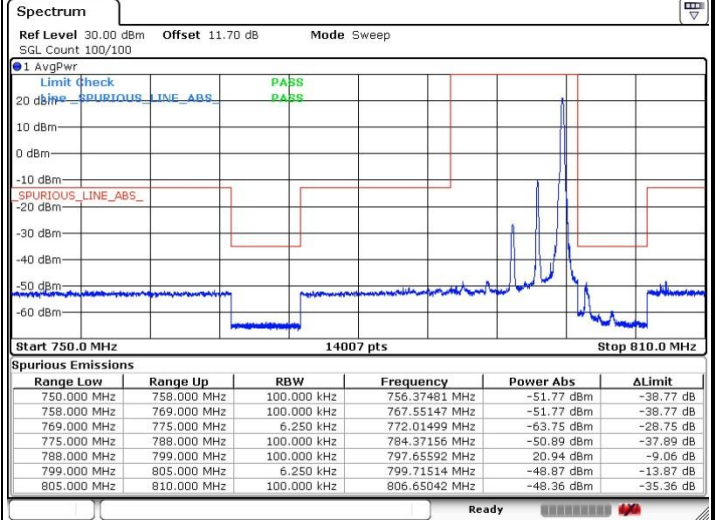
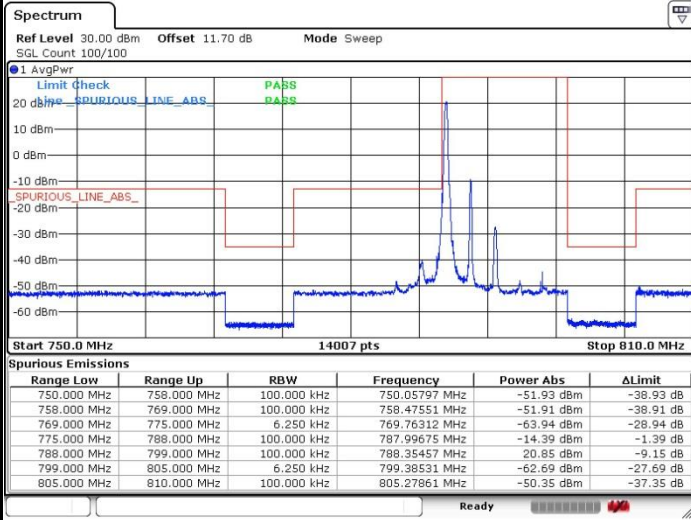
Date: 9 NOV. 2015 15:45:44



LTE Band 14/ 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

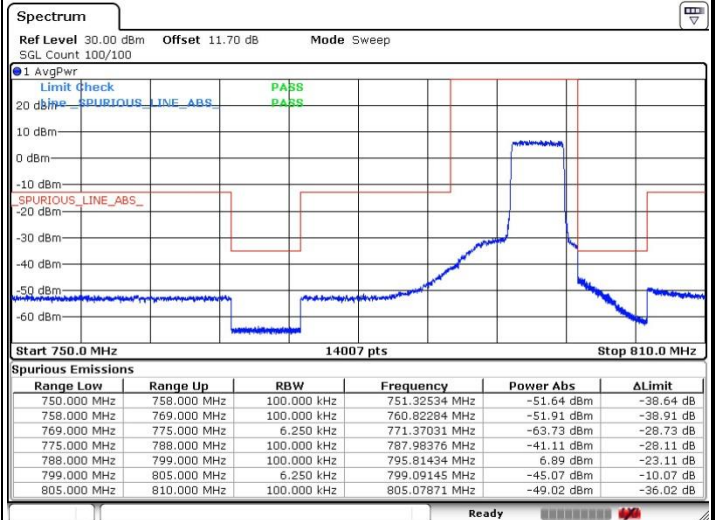
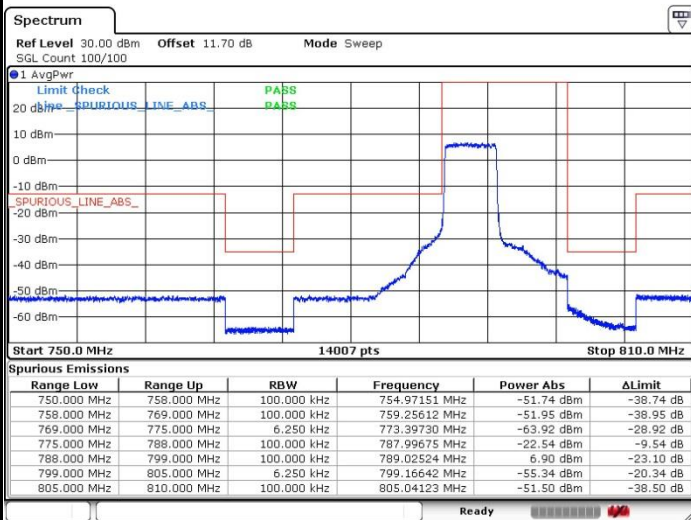


Date: 9 NOV.2015 15:01:52

Date: 9 NOV.2015 15:05:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



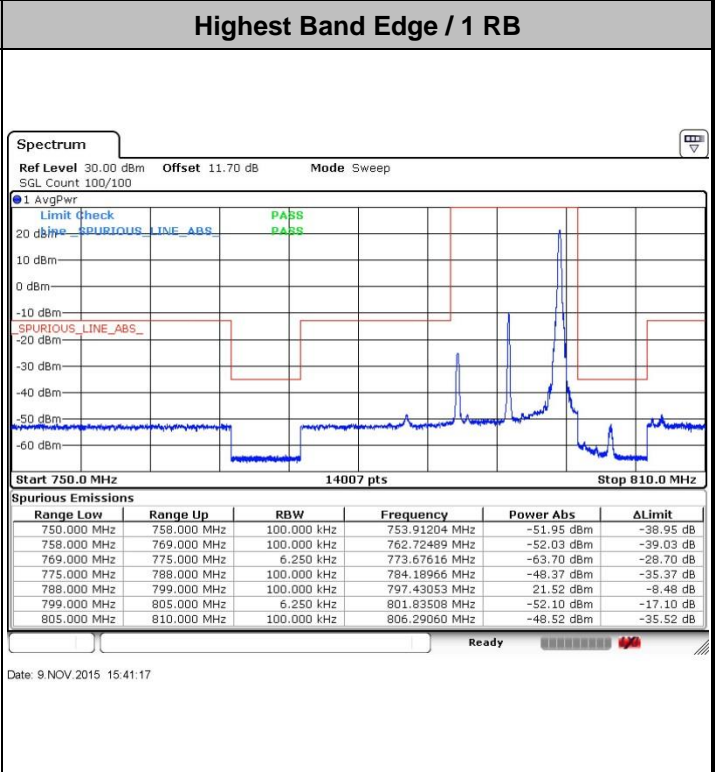
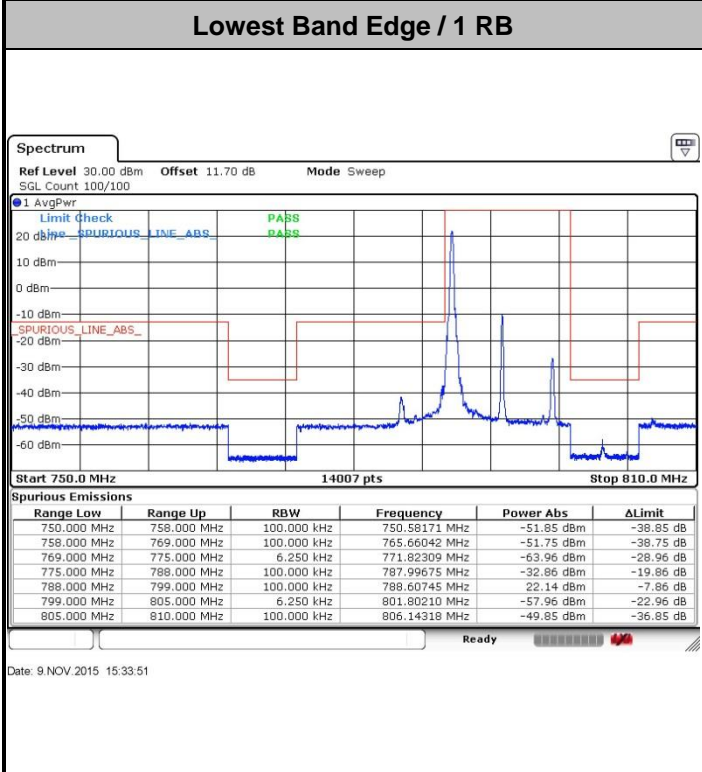
Date: 9 NOV.2015 15:01:35

Date: 9 NOV.2015 15:06:28

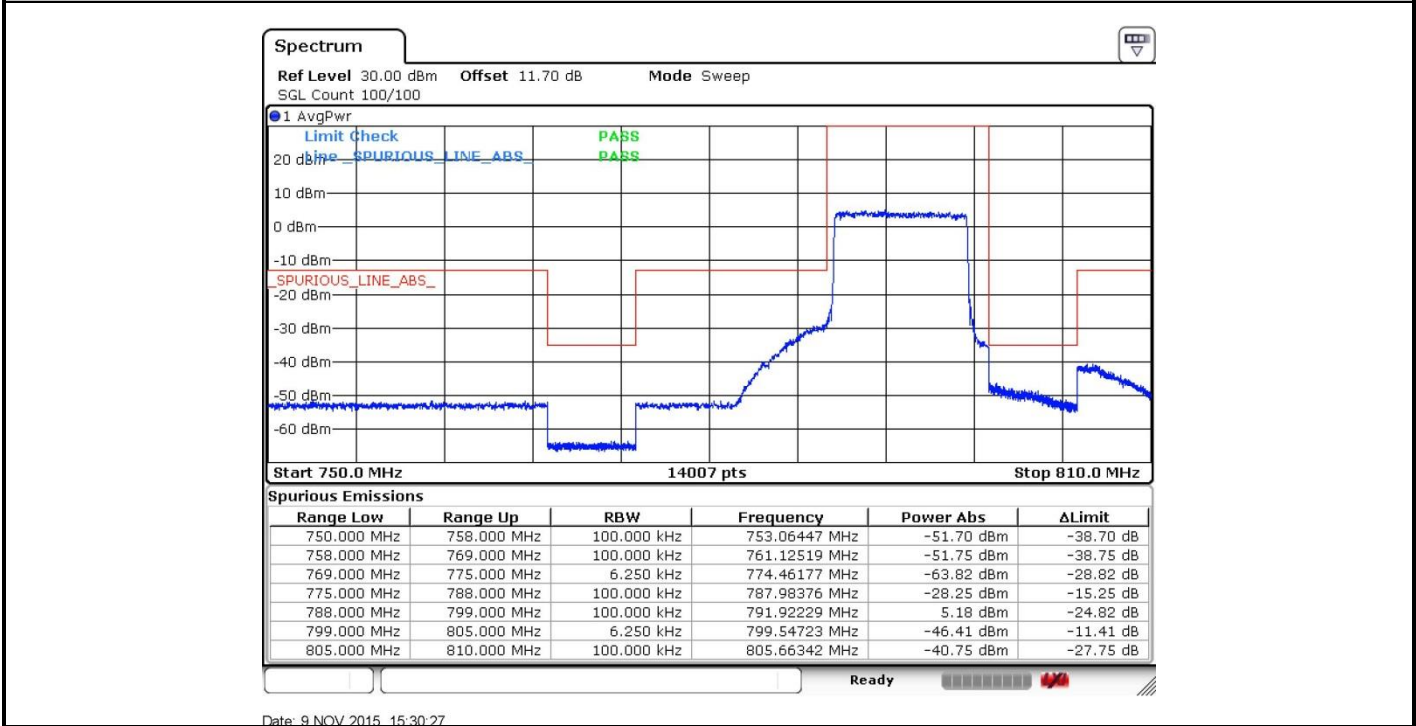




**LTE Band 14/ 10MHz / QPSK**



**Band Edge / Full RB**

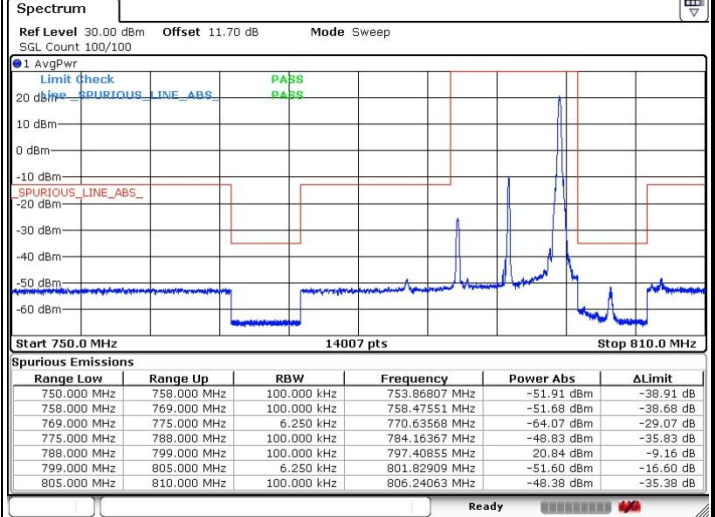
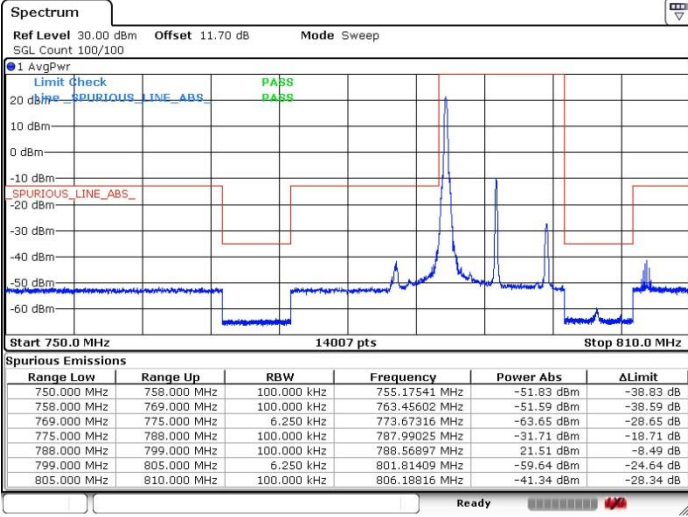




LTE Band 14/ 10MHz / 16QAM

Lowest Band Edge / 1 RB

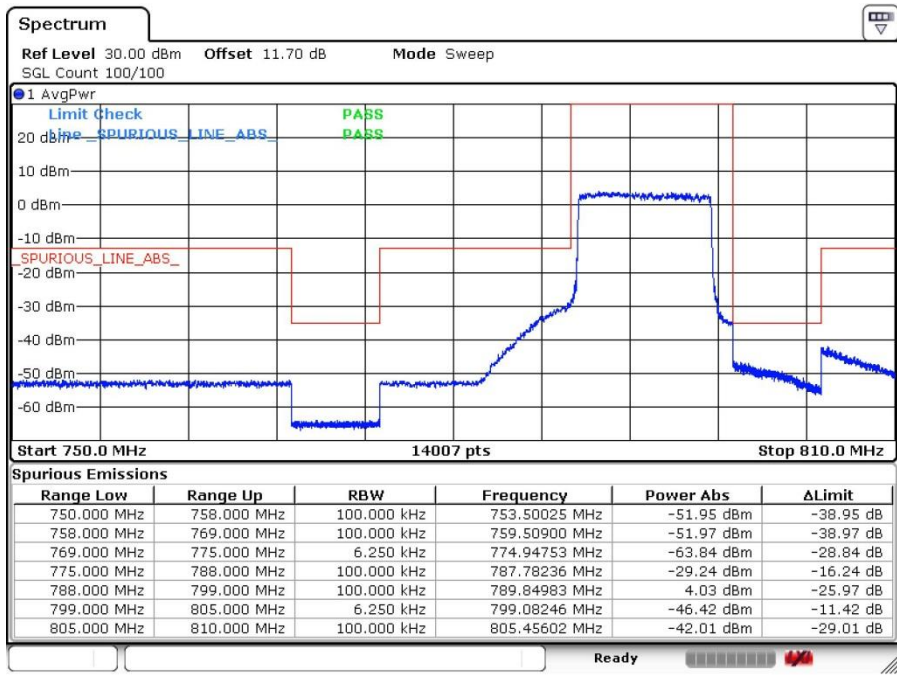
Highest Band Edge / 1 RB



Date: 9 NOV 2015 15:34:54

Date: 9 NOV 2015 15:36:16

Band Edge / Full RB



Date: 9 NOV 2015 15:31:08

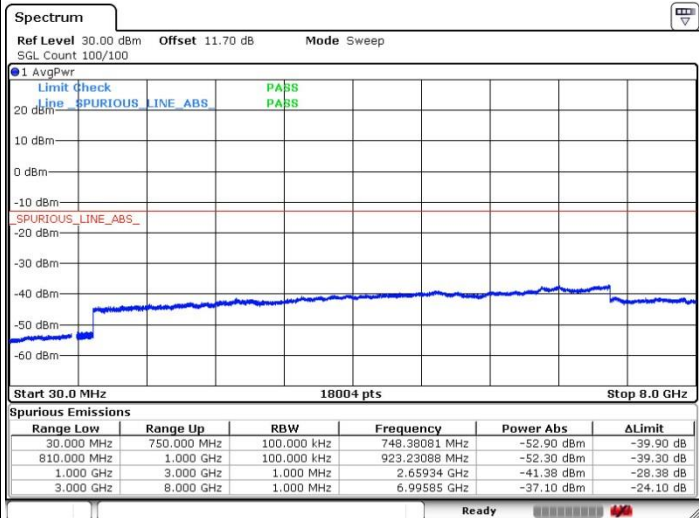
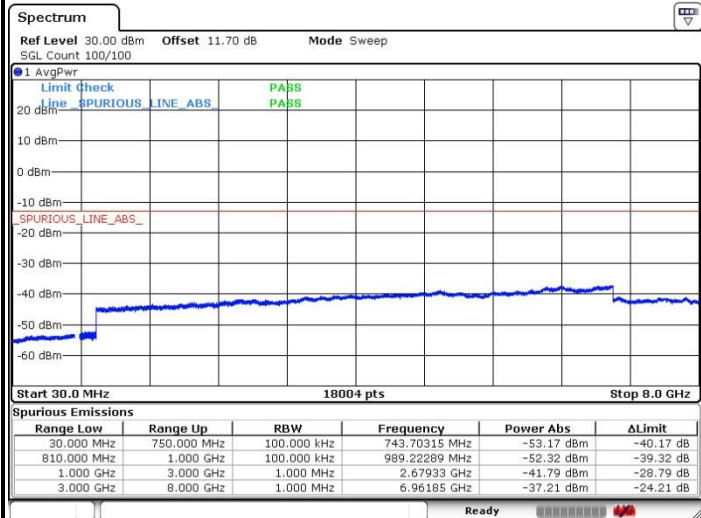


# Conducted Emission

## LTE Band 14/ 5MHz

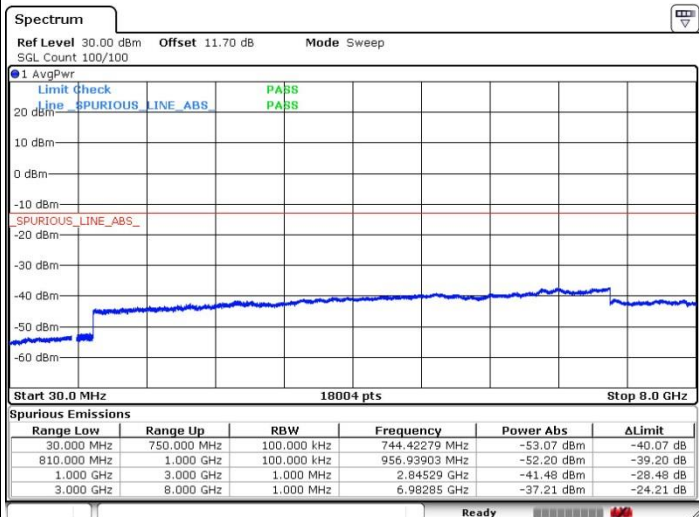
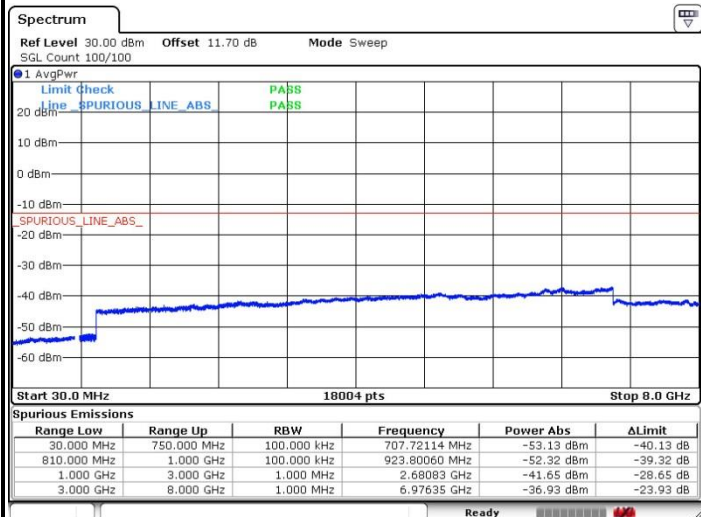
### Lowest Channel / QPSK

### Lowest Channel / 16QAM



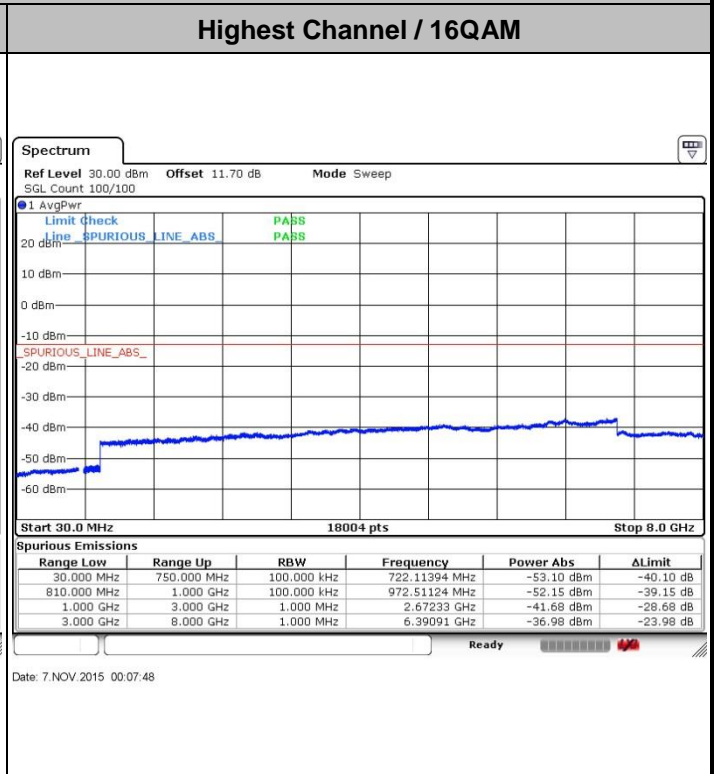
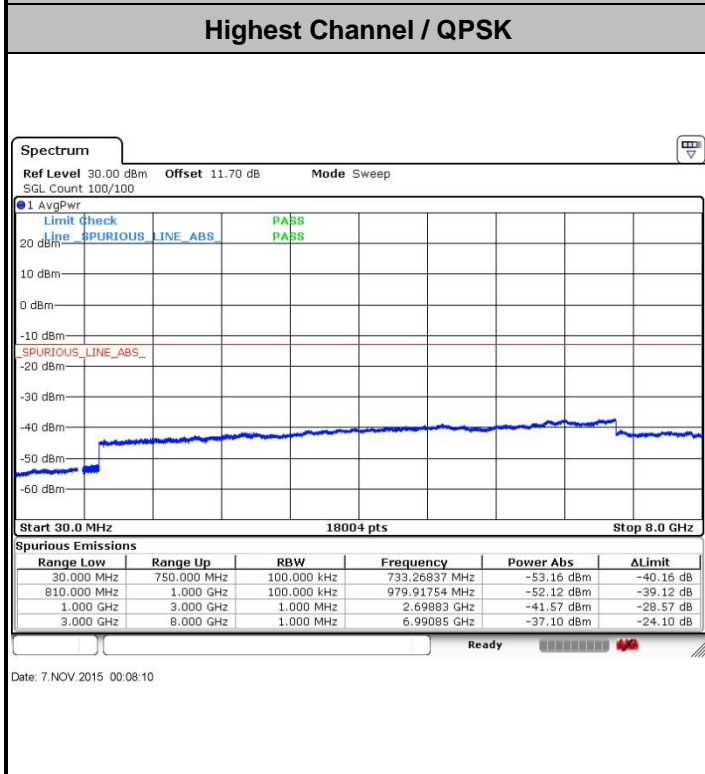
### Middle Channel / QPSK

### Middle Channel / 16QAM

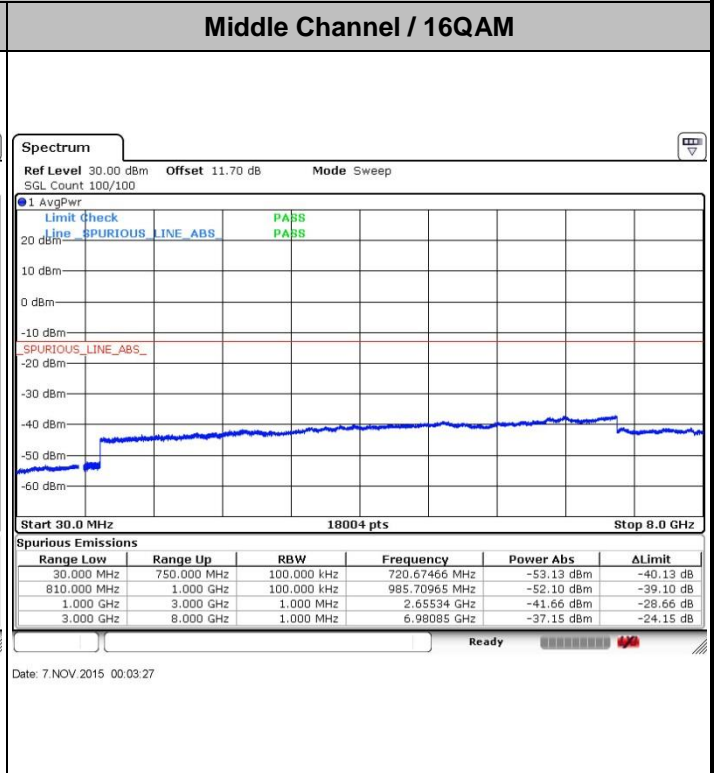
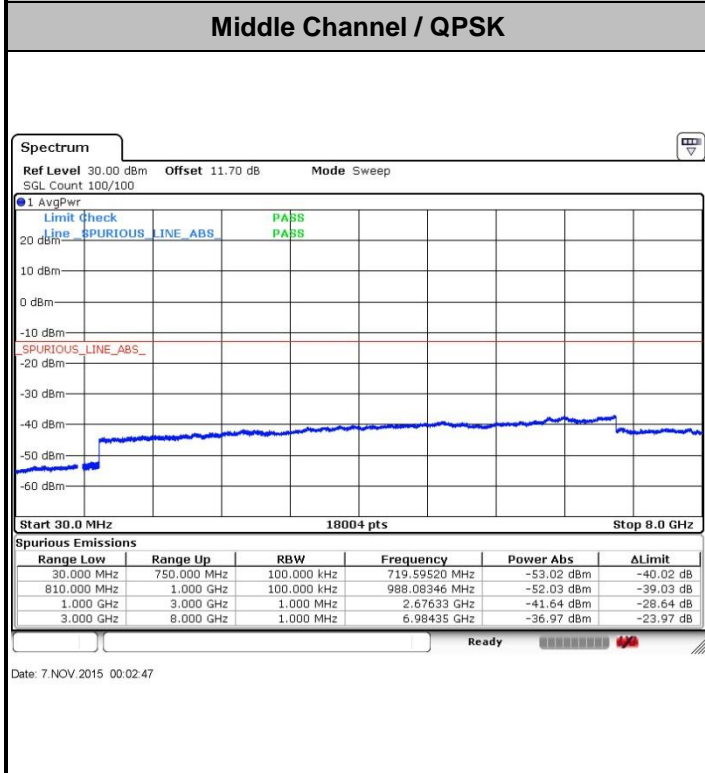




**LTE Band 14/ 5MHz**



**LTE Band 14/ 10MHz**



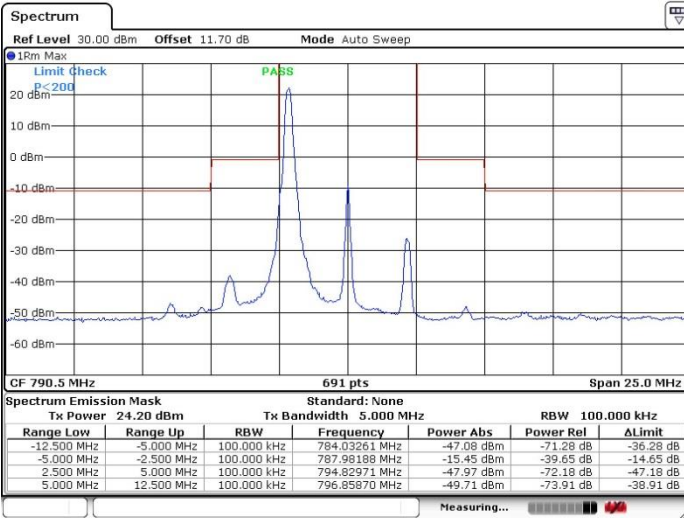


# Emission Mask

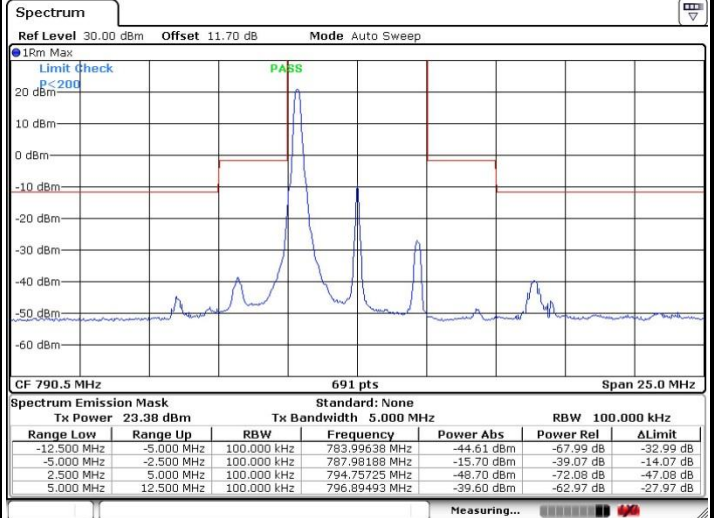
5M

Low Channel / 1RB0 / QPSK

Low Channel / 1RB0 / 16QAM



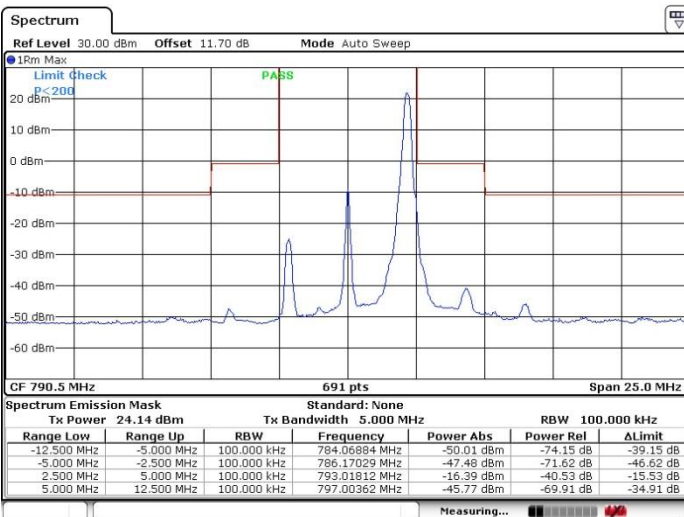
Date: 9 NOV. 2015 14:23:25



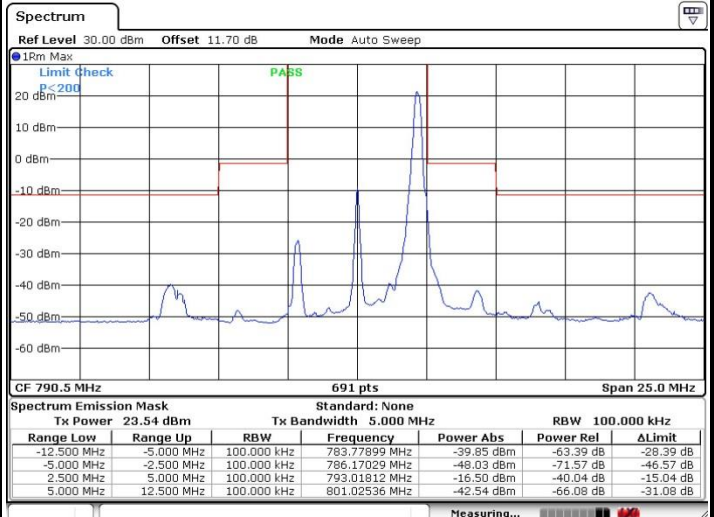
Date: 9 NOV. 2015 14:23:53

Low Channel / 1RB24 / QPSK

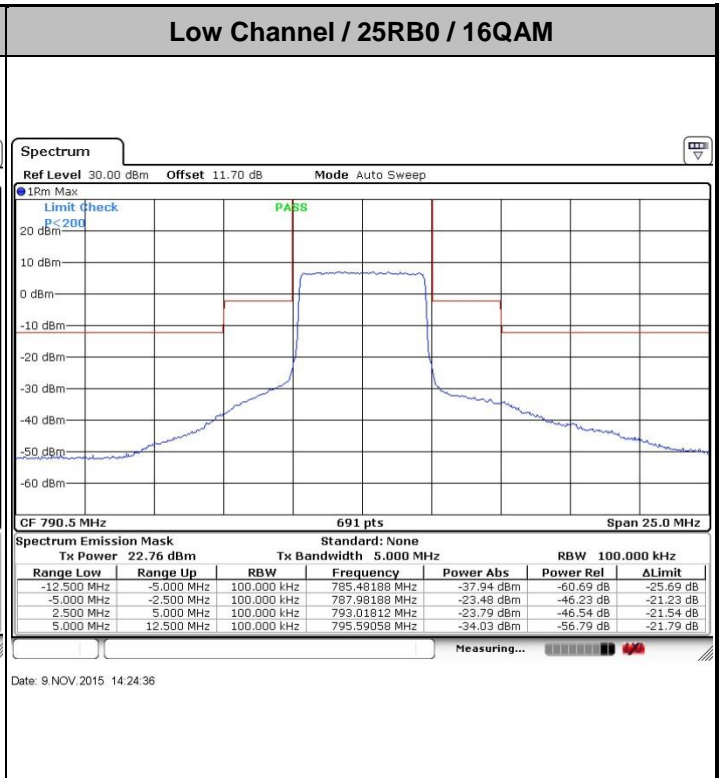
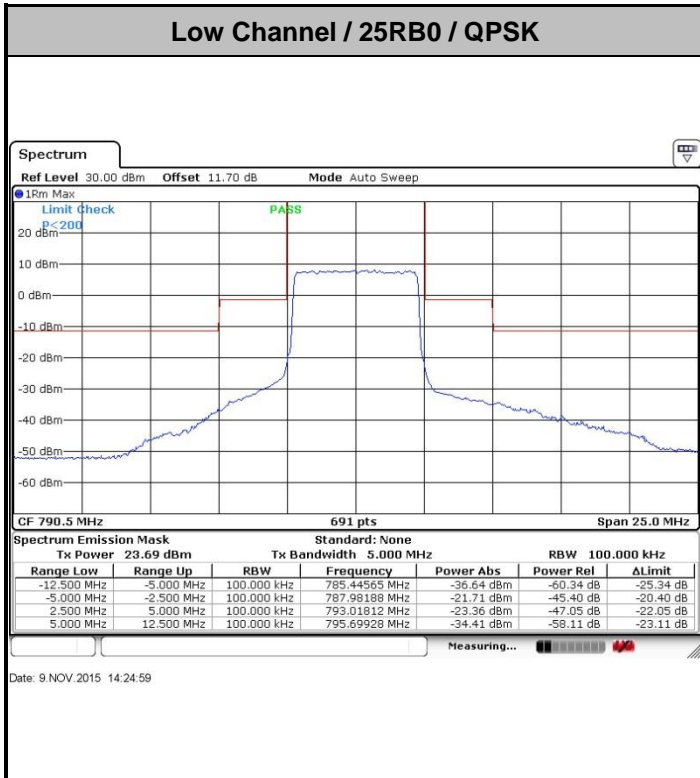
Low Channel / 1RB24 / 16QAM

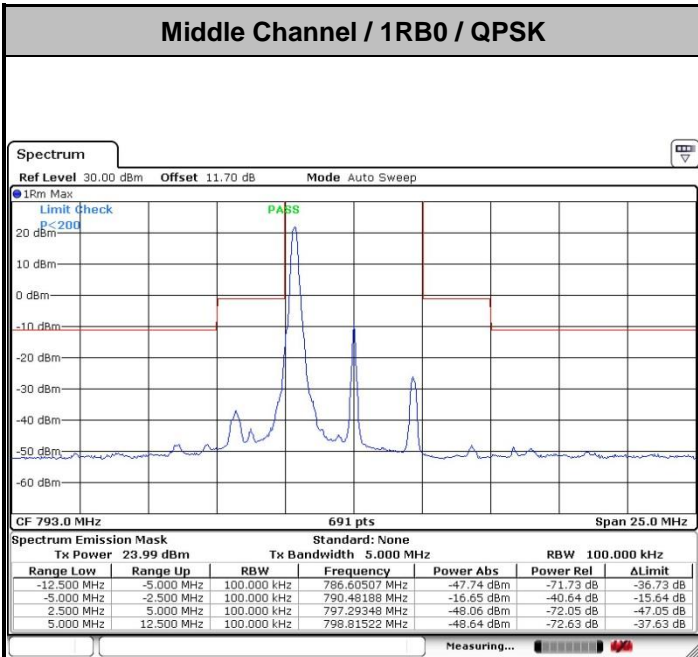


Date: 9 NOV. 2015 14:23:09

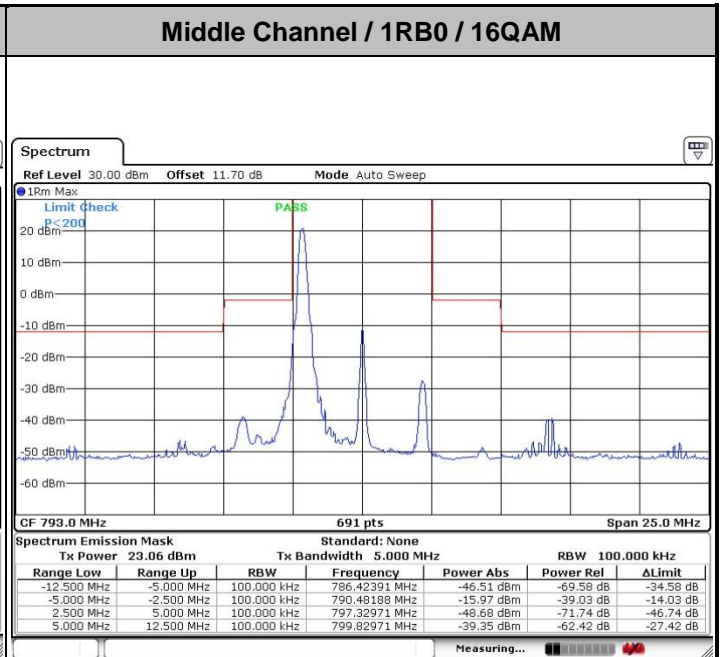


Date: 9 NOV. 2015 14:22:31

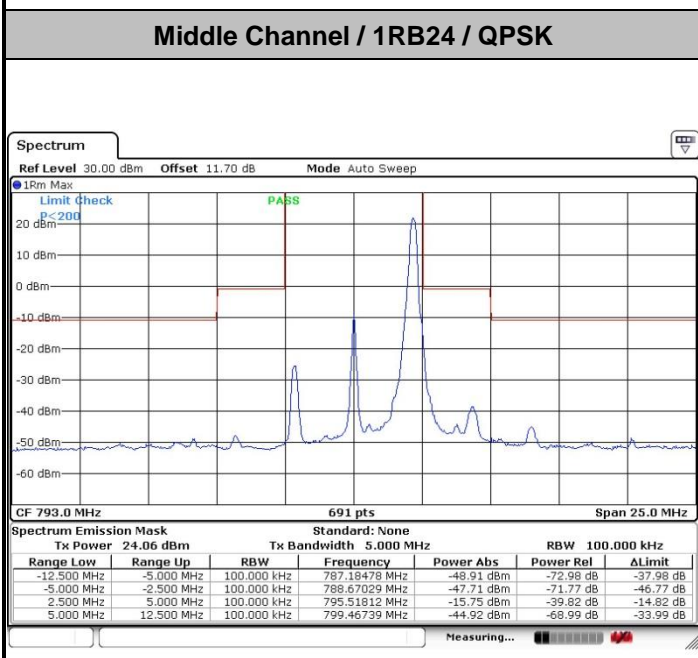




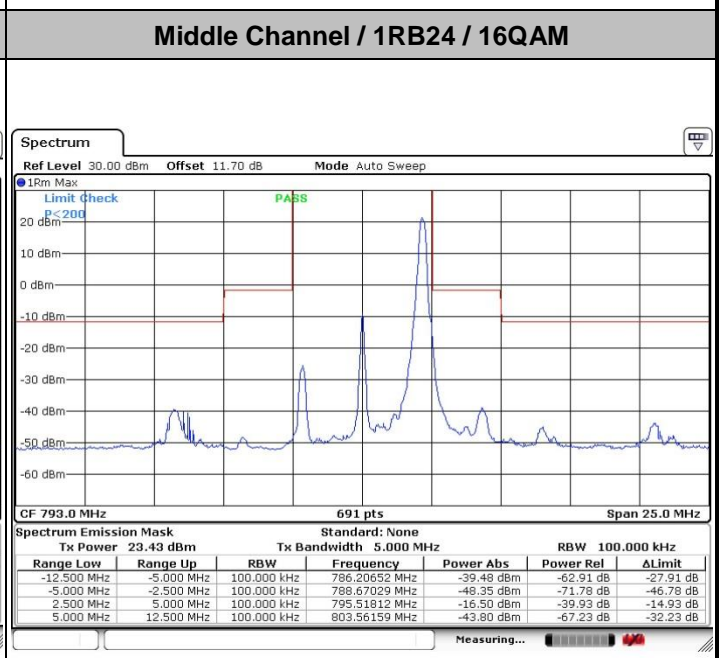
Date: 9.NOV.2015 14:08:55



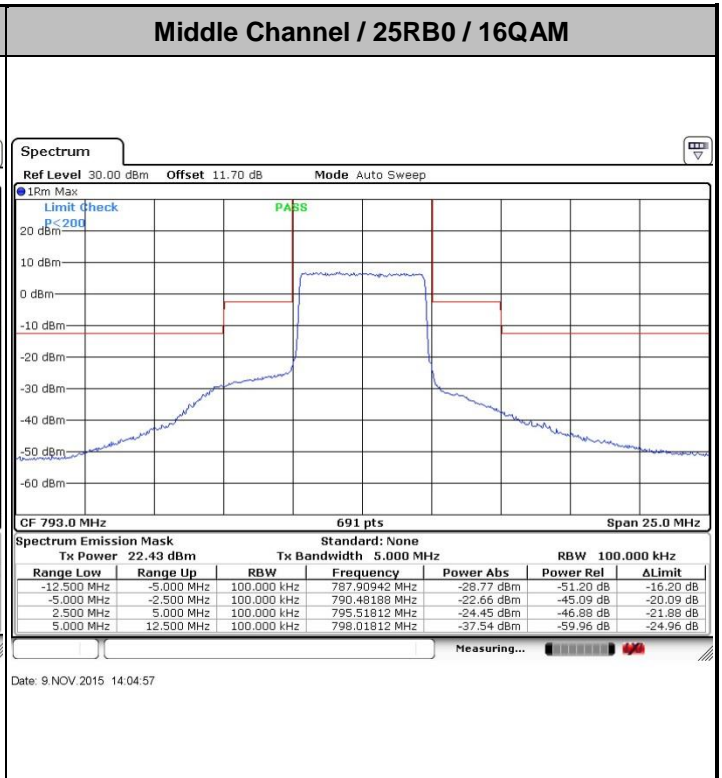
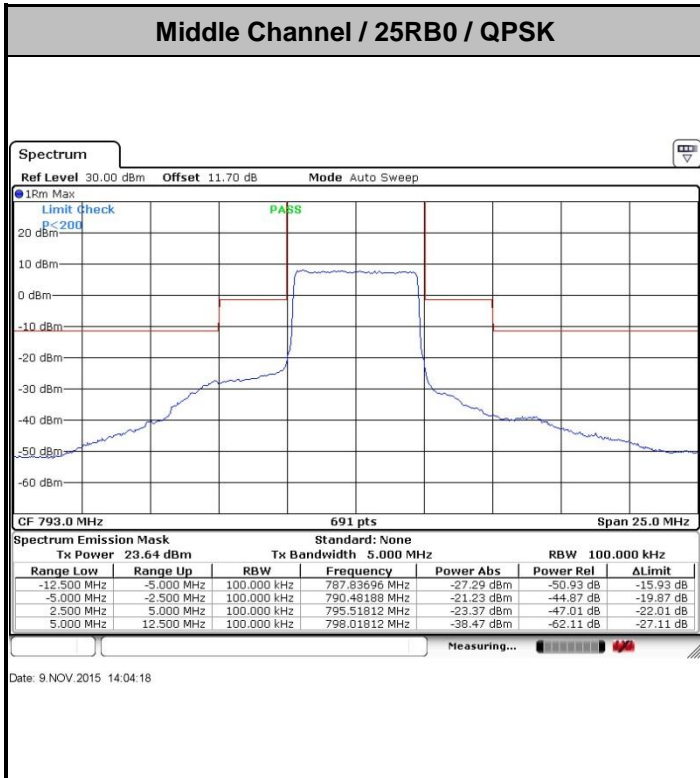
Date: 9.NOV.2015 14:05:14



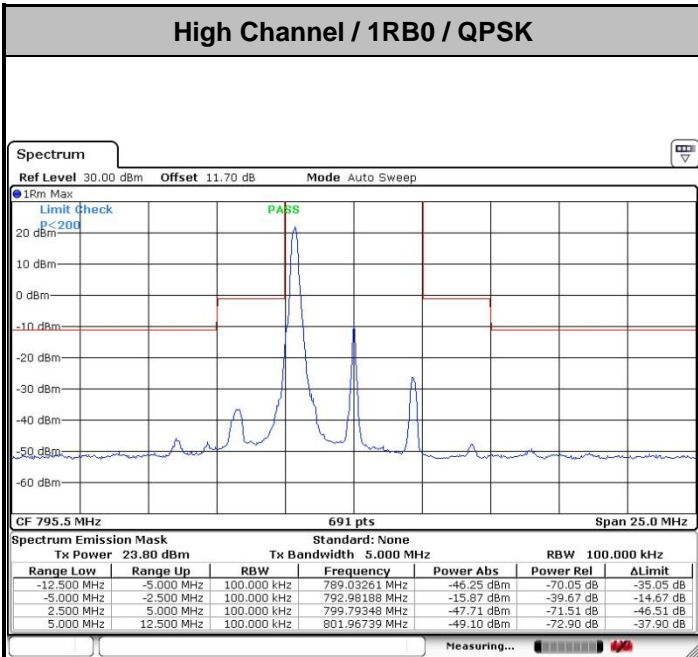
Date: 9.NOV.2015 14:09:23



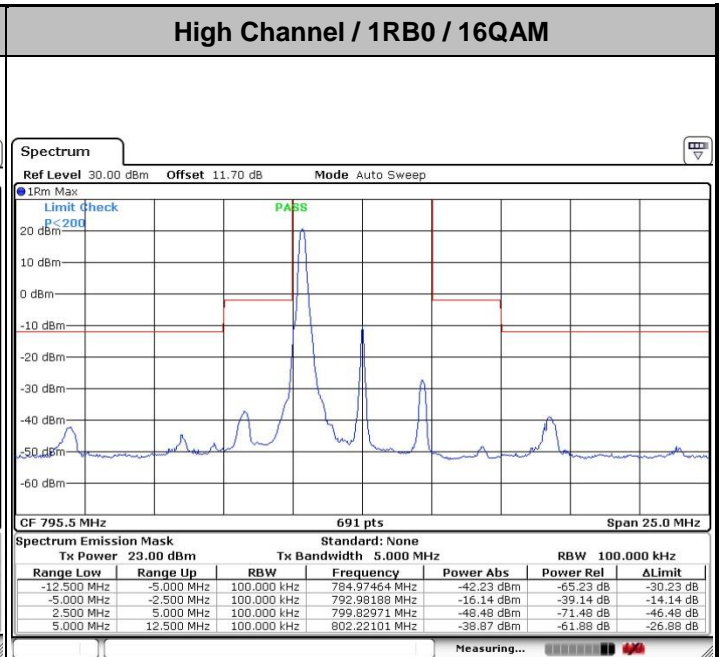
Date: 9.NOV.2015 14:10:58



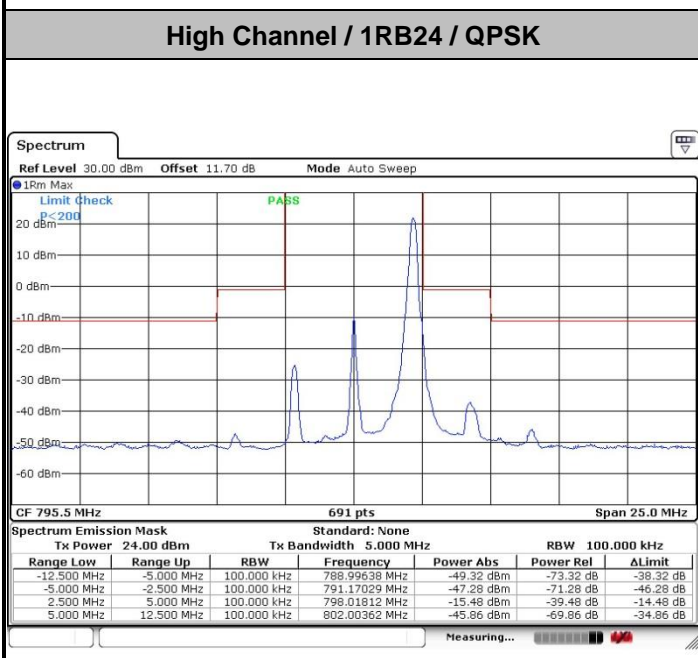




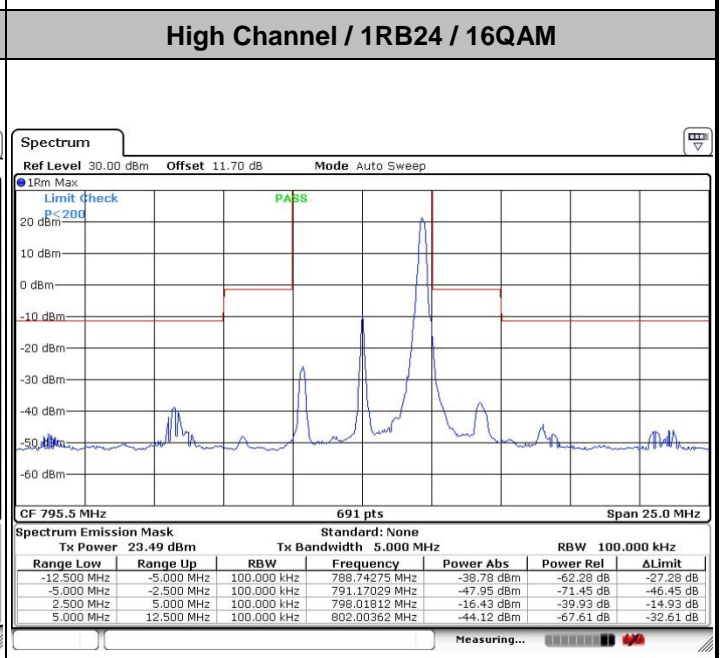
Date: 9.NOV.2015 14:27:32



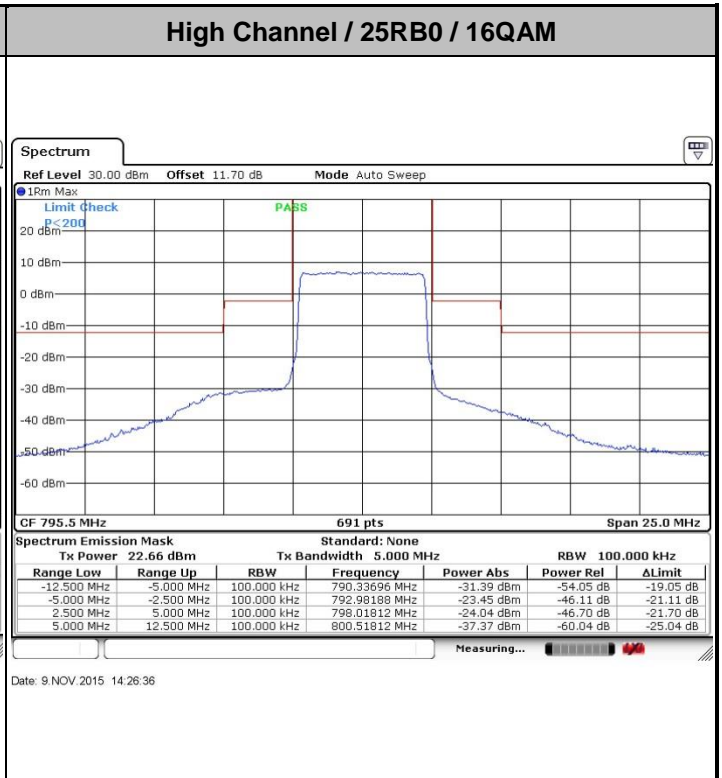
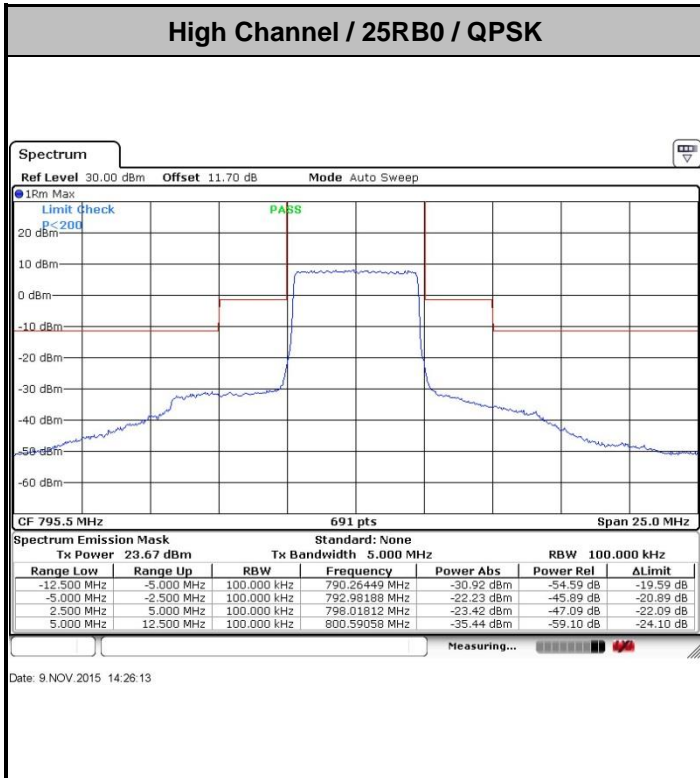
Date: 9.NOV.2015 14:27:17



Date: 9.NOV.2015 14:30:44



Date: 9.NOV.2015 14:30:11

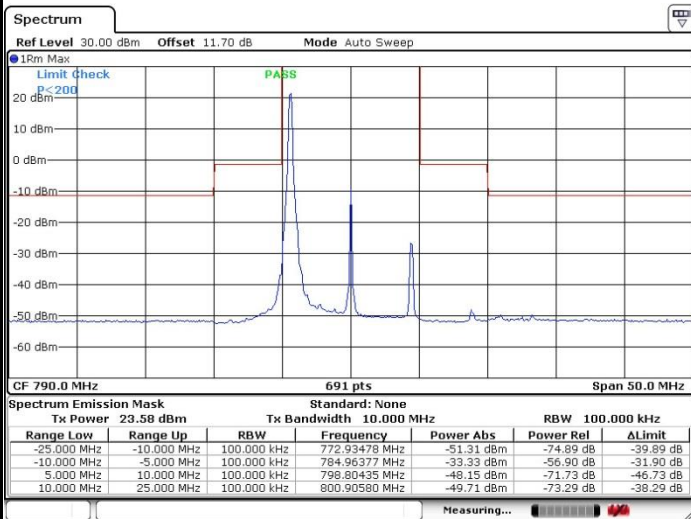




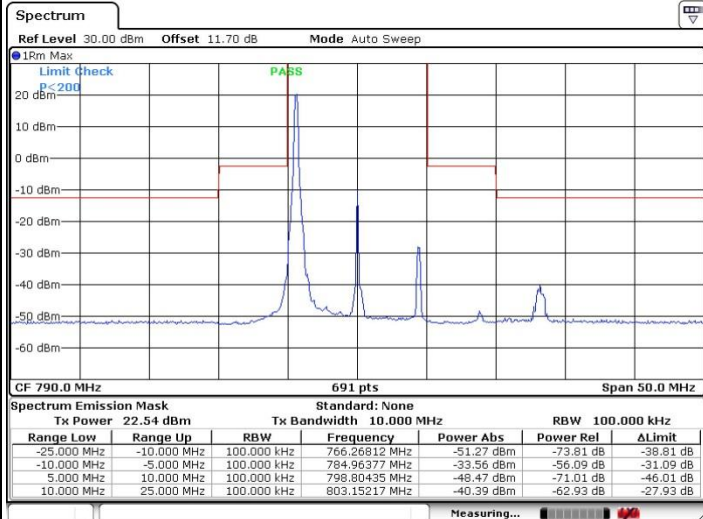
10M

Middle Channel / 1RB0 / QPSK

Middle Channel / 1RB0 / 16QAM



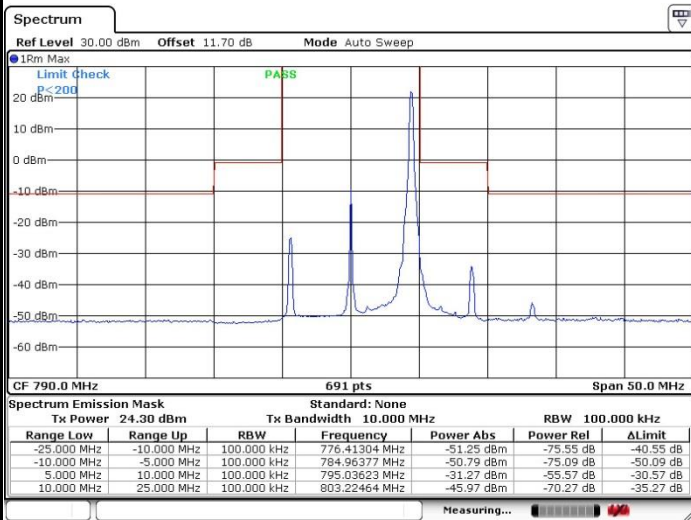
Date: 9 NOV. 2015 14:39:18



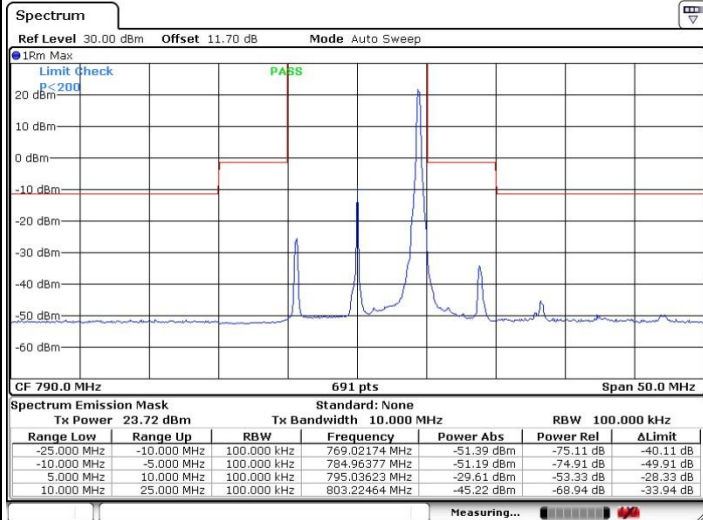
Date: 9 NOV. 2015 14:37:18

Middle Channel / 1RB49 / QPSK

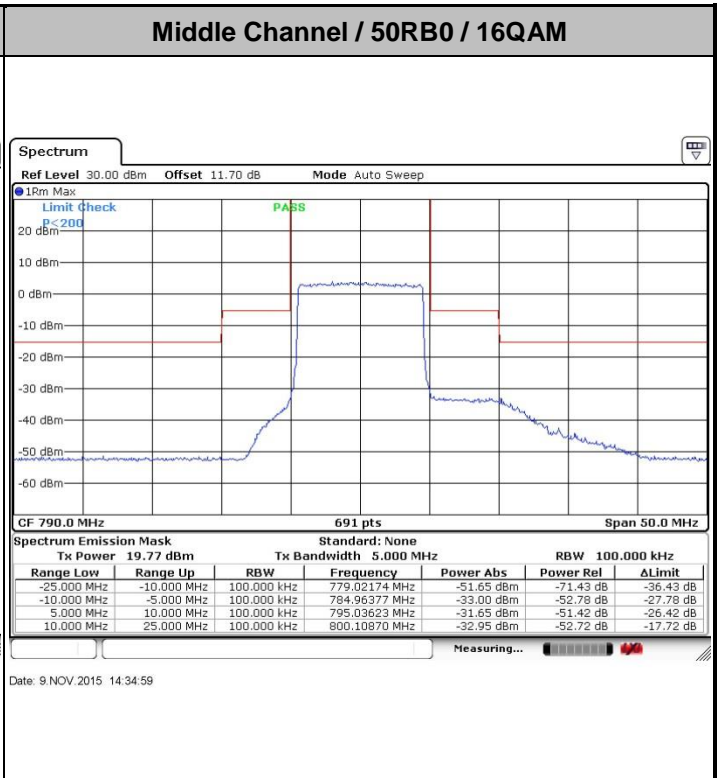
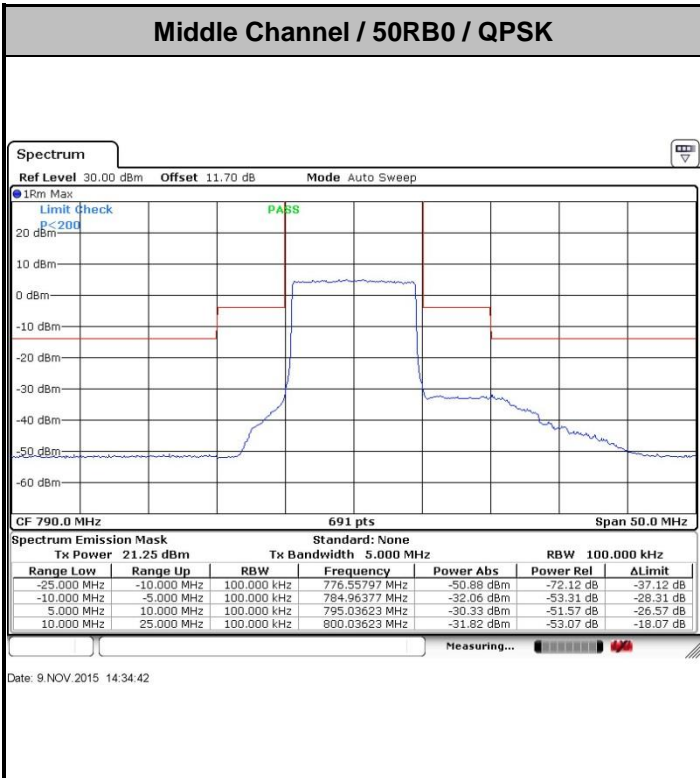
Middle Channel / 1RB49 / 16QAM



Date: 9 NOV. 2015 14:41:39



Date: 9 NOV. 2015 14:42:38





### Frequency Stability

Test Conditions		LTE Band 14(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	1.25
		Deviation (ppm)	Result
50	Normal Voltage	0.0115	PASS
40	Normal Voltage	0.0107	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0101	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0100	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0117	

**Note:**

- 1. Normal Voltage = 12V. ; Battery End Point (BEP) = 9 V. ; Maximum Voltage =32 V
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block.