

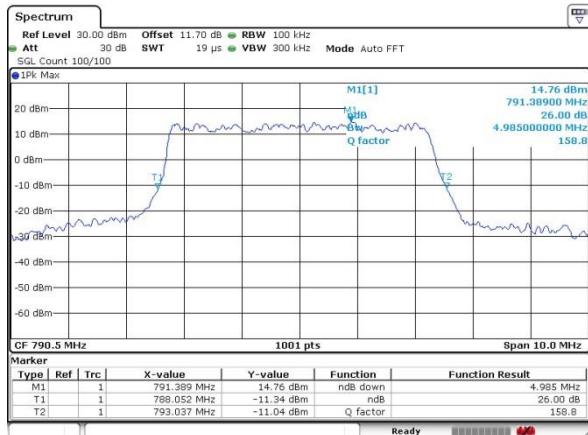
**26dB Bandwidth**

Mode	LTE Band 14: 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
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	-	-	-	-	-	-

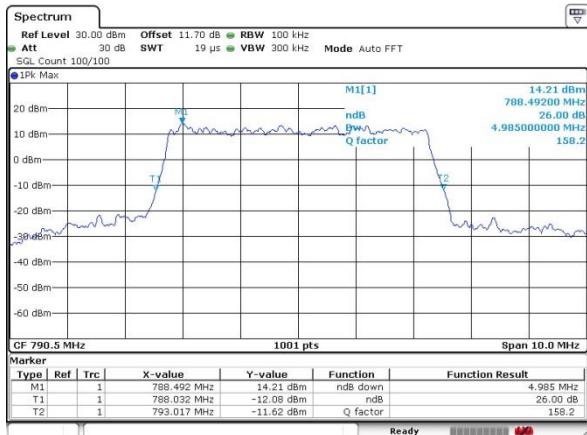


## LTE Band 14

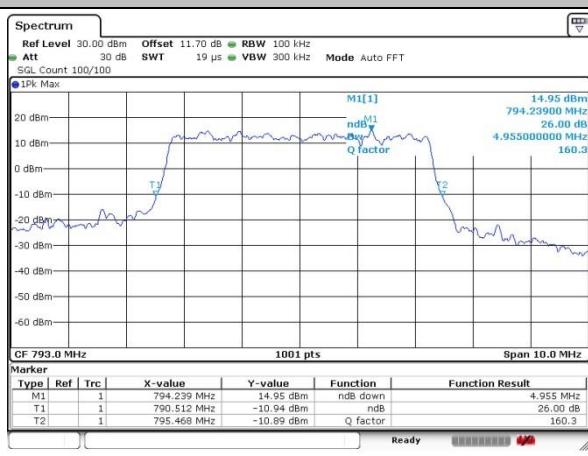
## Lowest Channel / 5MHz / QPSK



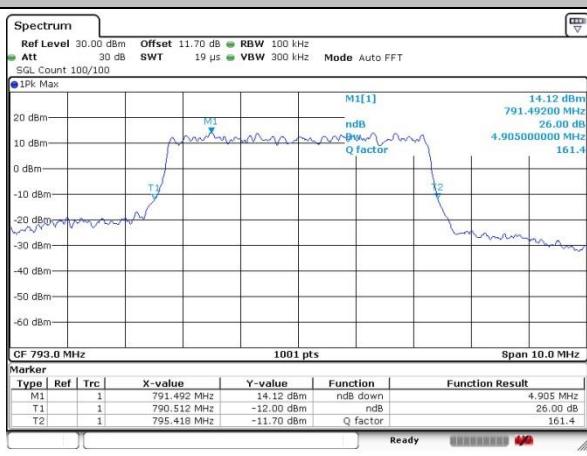
## Lowest Channel / 5MHz / 16QAM



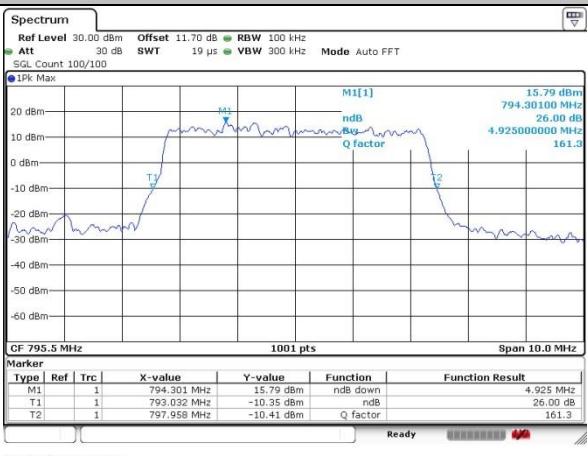
## Middle Channel / 5MHz / QPSK



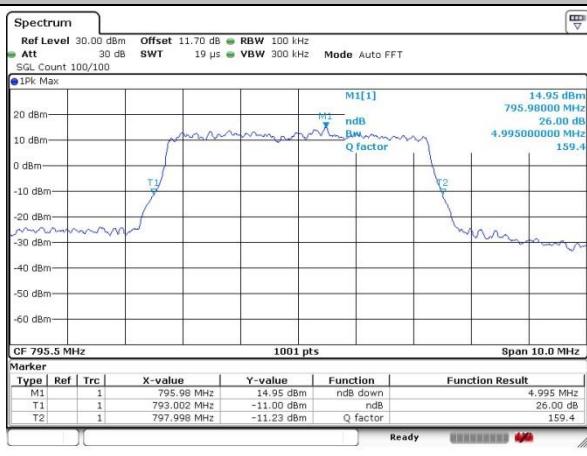
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



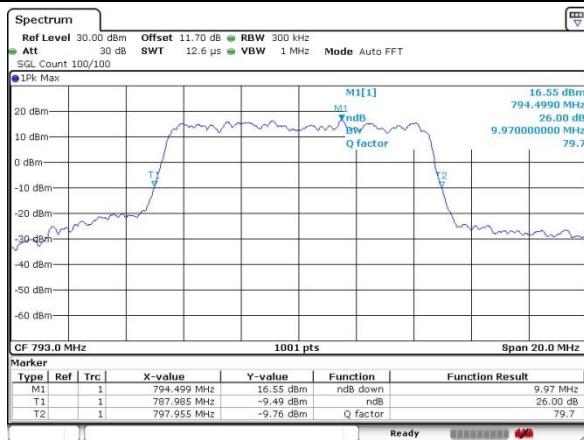
## Highest Channel / 5MHz / 16QAM



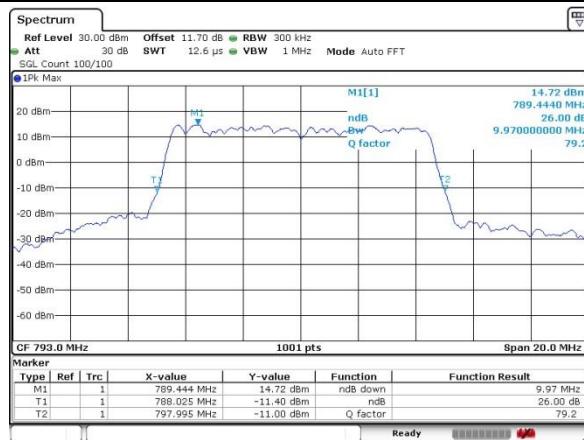


## LTE Band 14

## Middle Channel / 10MHz / QPSK



## Middle Channel / 10MHz / 16QAM



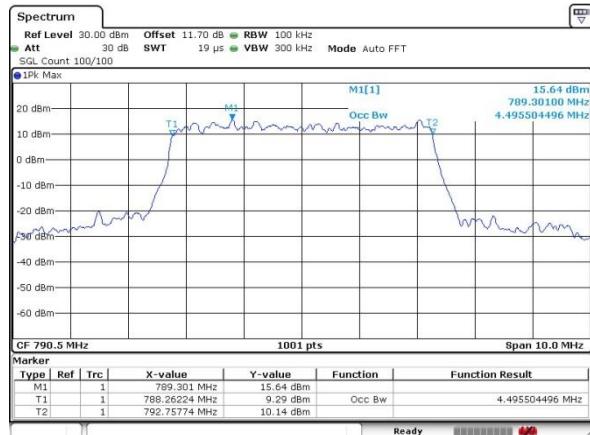
**Occupied Bandwidth**

Mode	LTE Band 14: 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
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	-	-	-	-	-	-

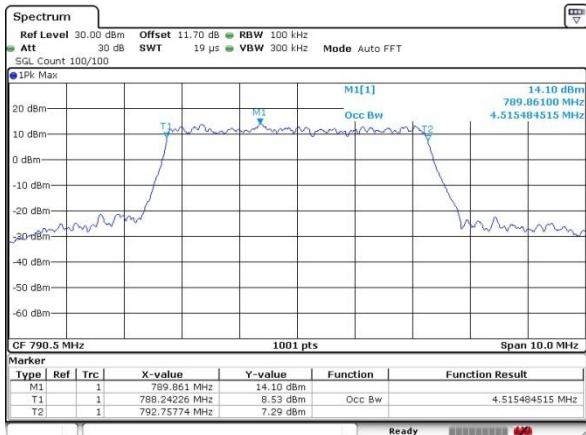


## LTE Band 14

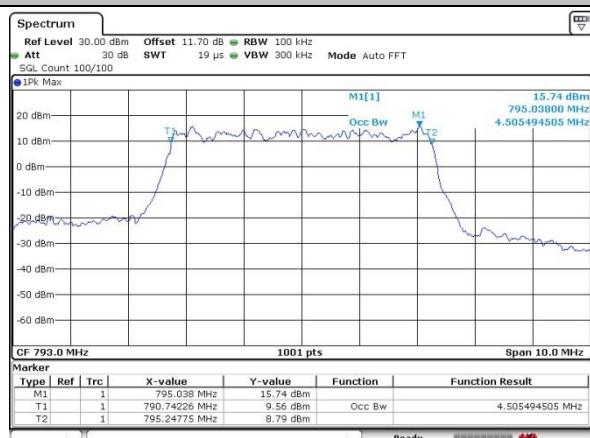
## Lowest Channel / 5MHz / QPSK



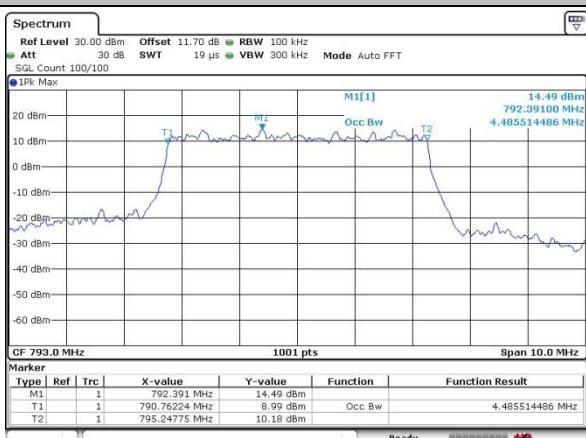
## Lowest Channel / 5MHz / 16QAM



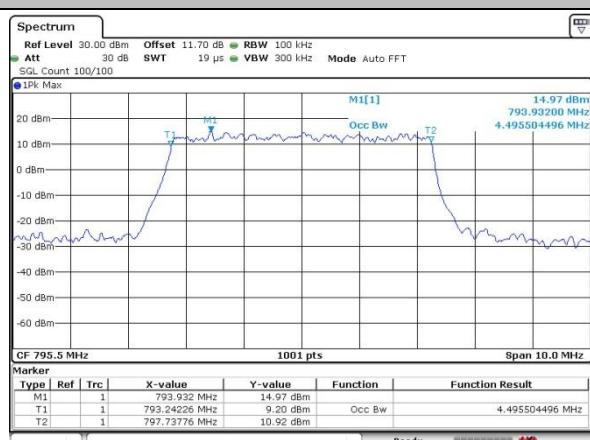
## Middle Channel / 5MHz / QPSK



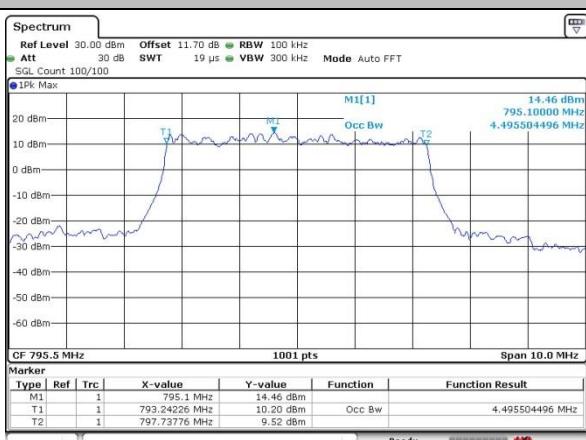
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



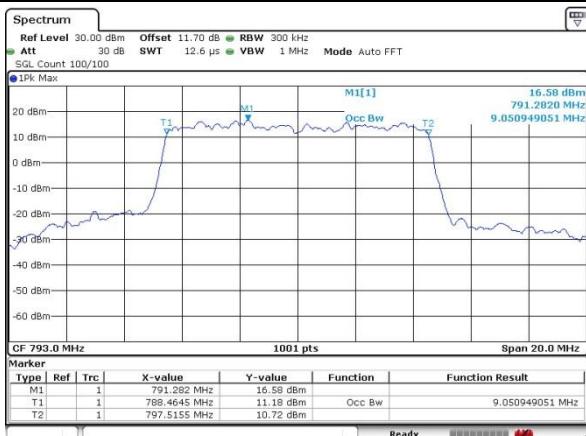
## Highest Channel / 5MHz / 16QAM



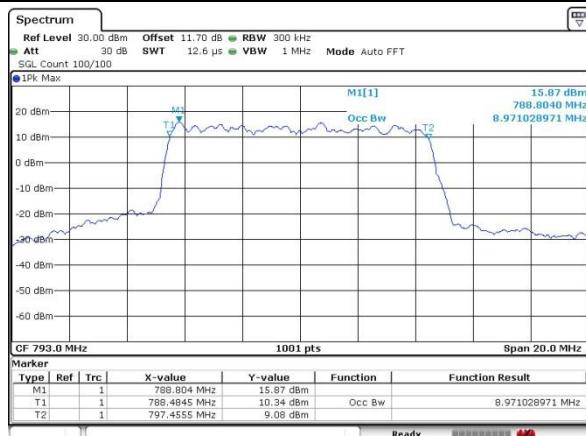


## LTE Band 14

## Middle Channel / 10MHz / QPSK

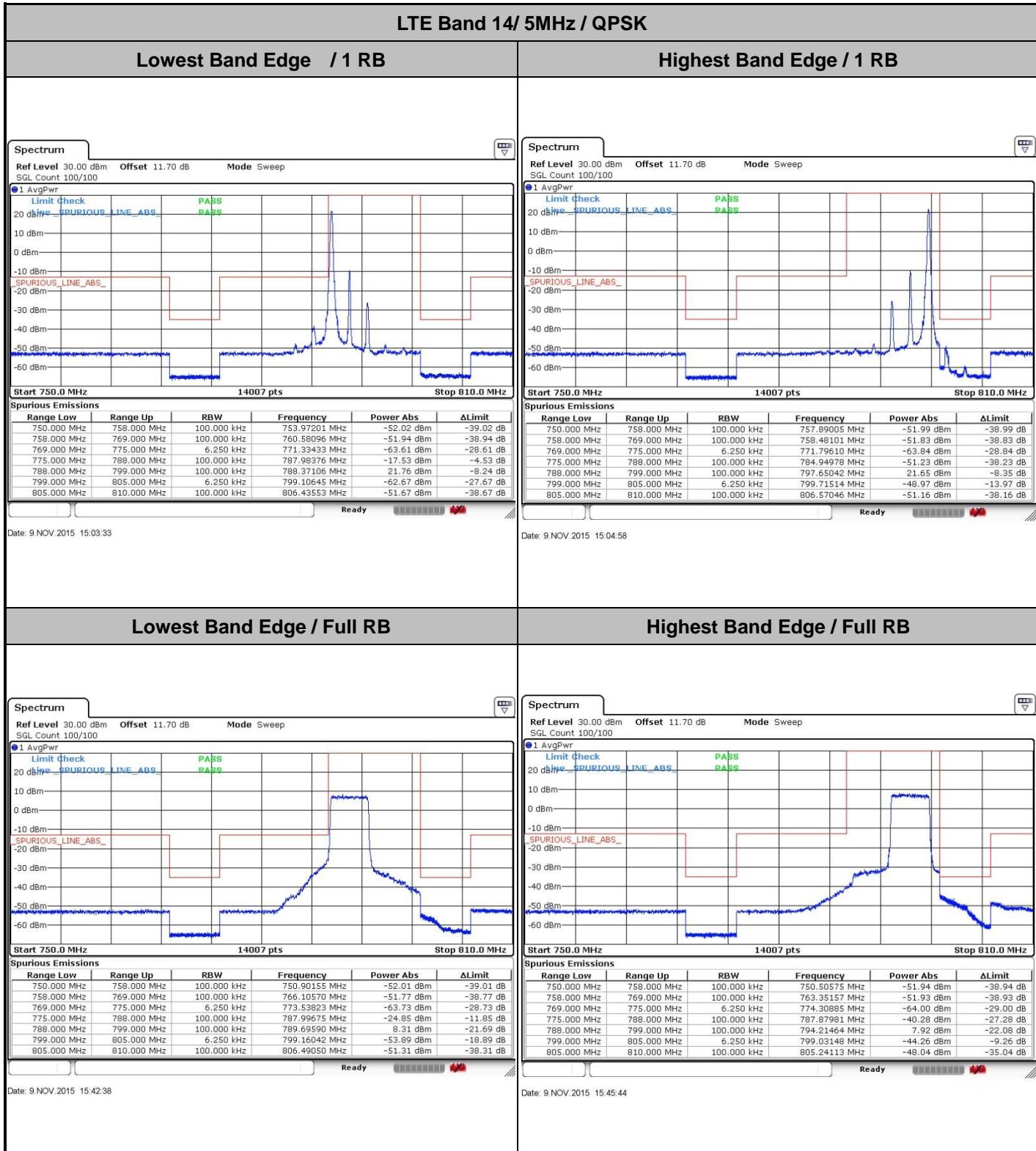


## Middle Channel / 10MHz / 16QAM





## Conducted Band Edge

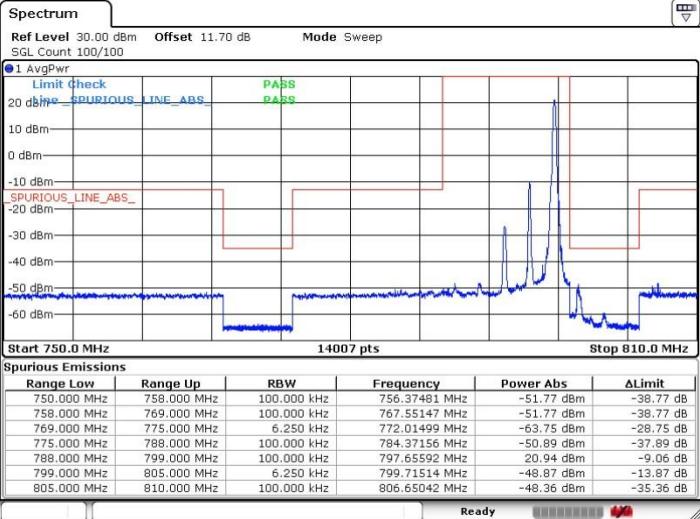
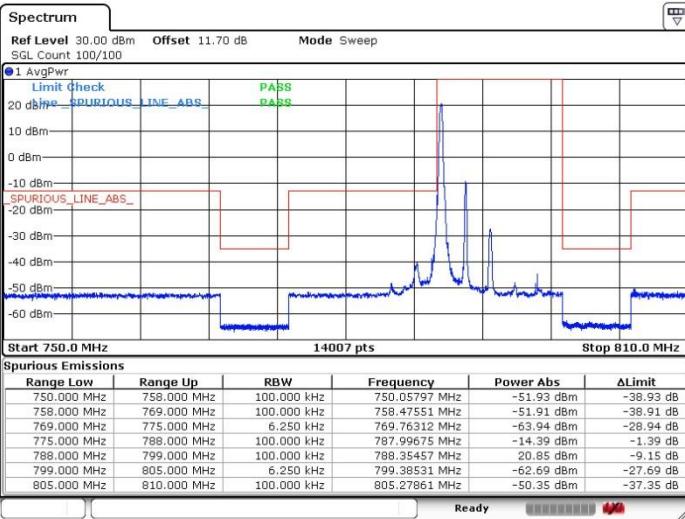




## LTE Band 14/ 5MHz / 16QAM

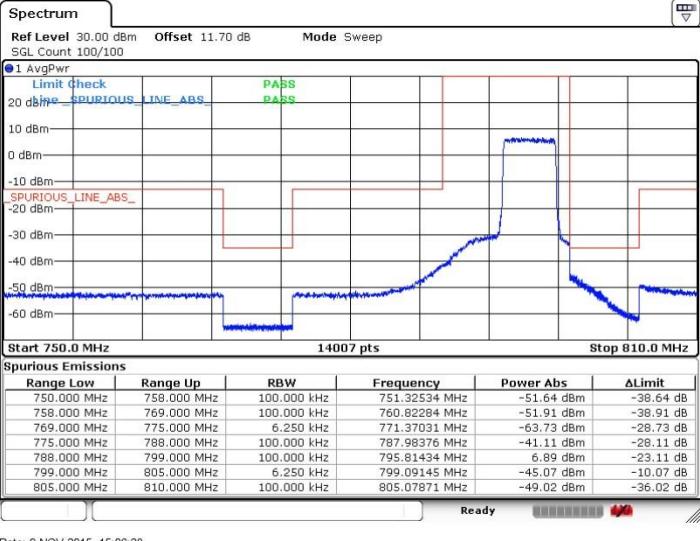
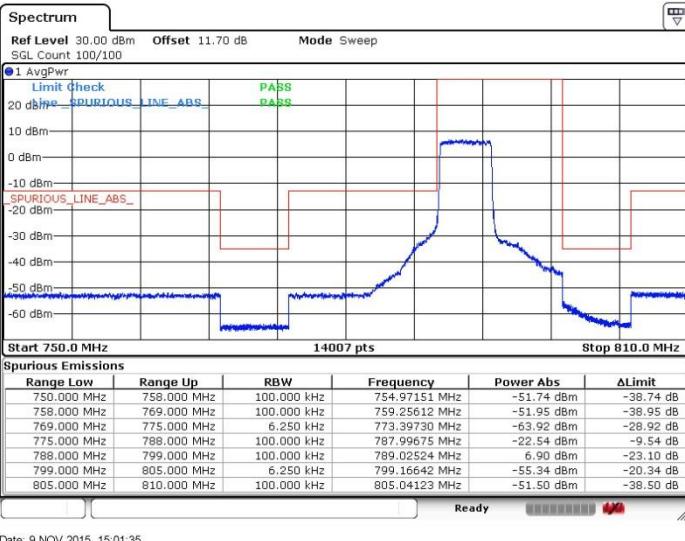
## Lowest Band Edge / 1 RB

## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB

## Highest Band Edge / Full RB

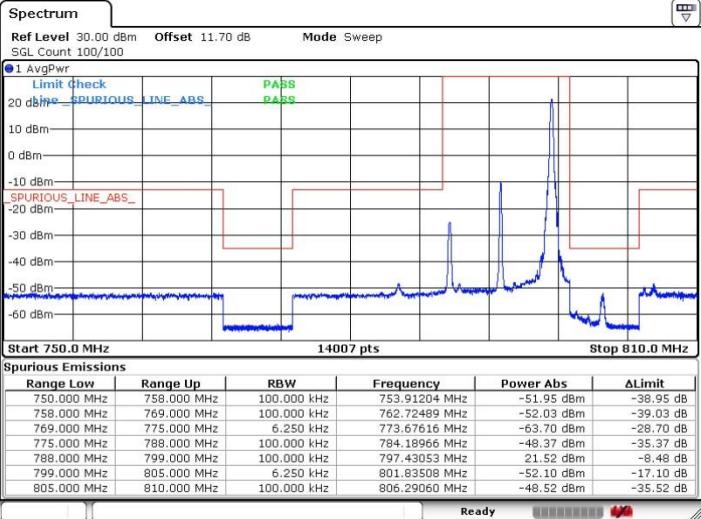
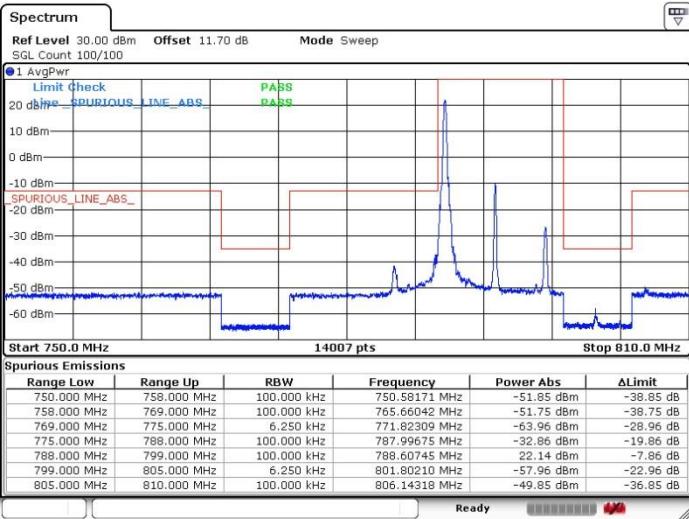




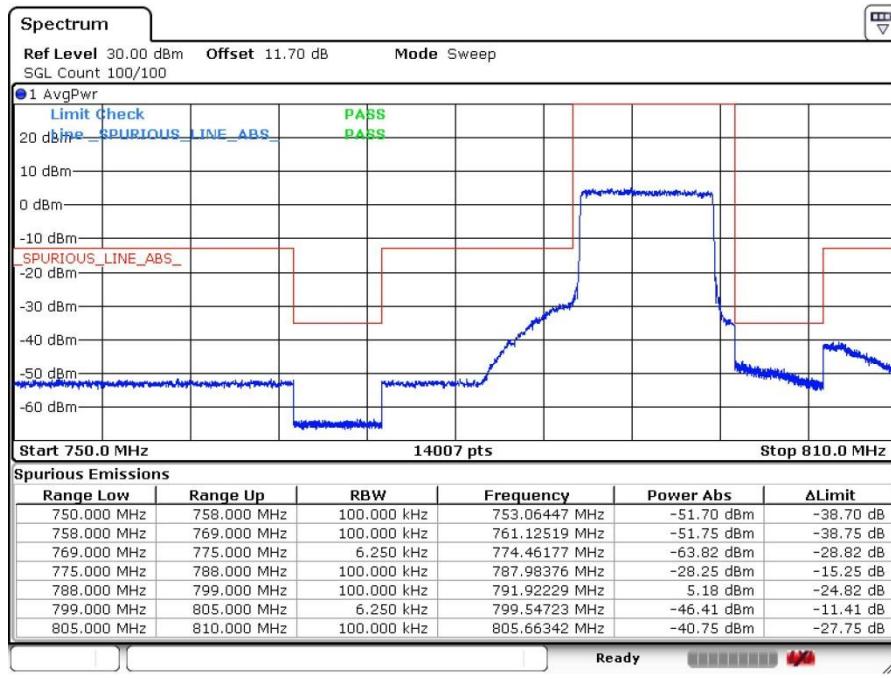
## LTE Band 14/ 10MHz / QPSK

## Lowest Band Edge / 1 RB

## Highest Band Edge / 1 RB



## Band Edge / Full RB



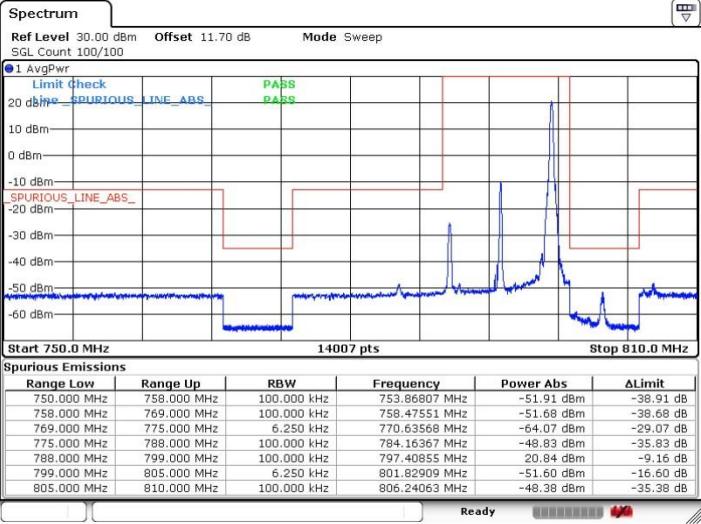
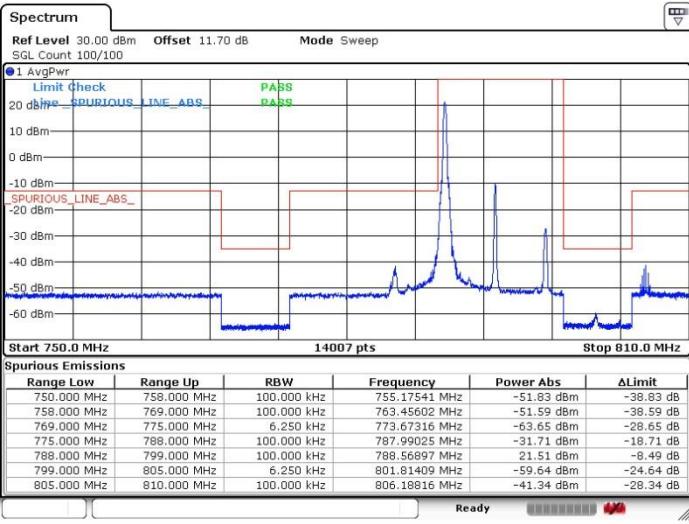
Date: 9.NOV.2015 15:30:27



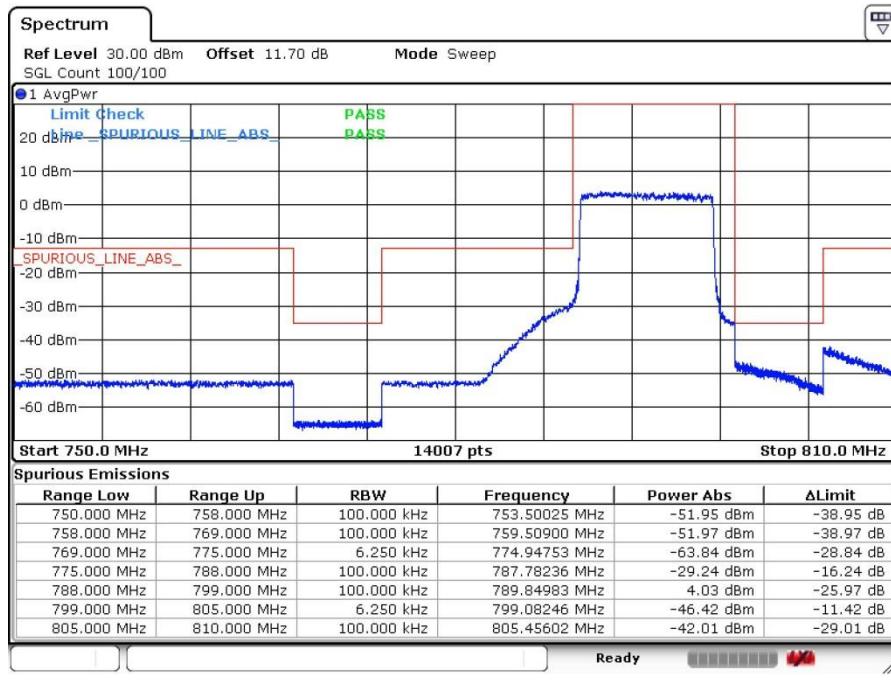
## LTE Band 14/ 10MHz / 16QAM

## Lowest Band Edge / 1 RB

## Highest Band Edge / 1 RB



## Band Edge / Full RB



Date: 9.NOV.2015 15:31:08

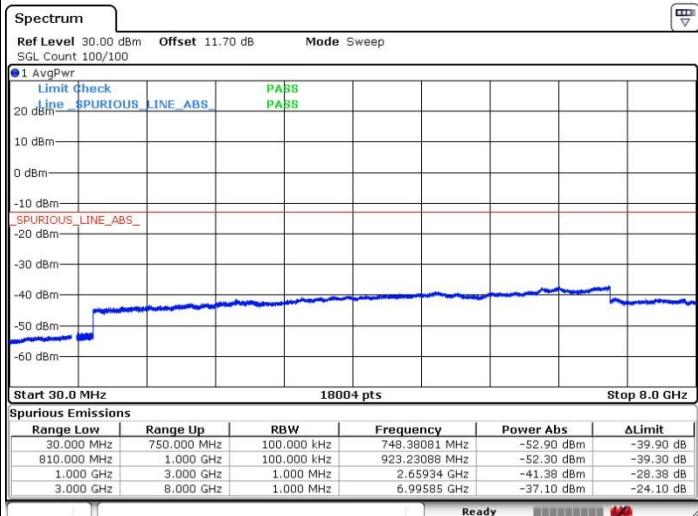
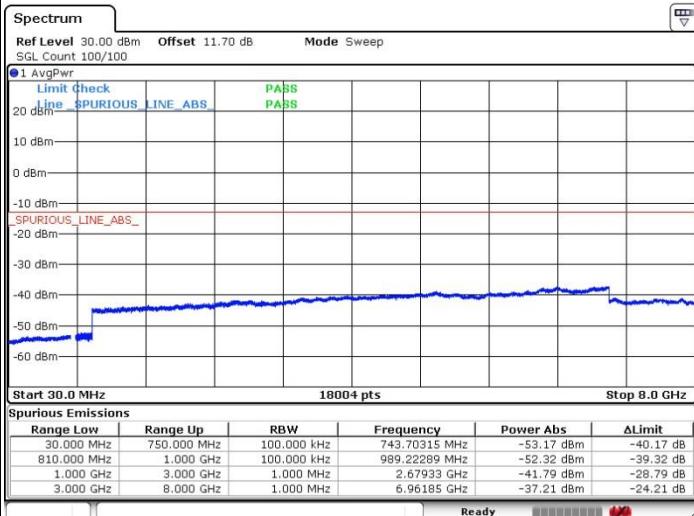


## Conducted Emission

### LTE Band 14/ 5MHz

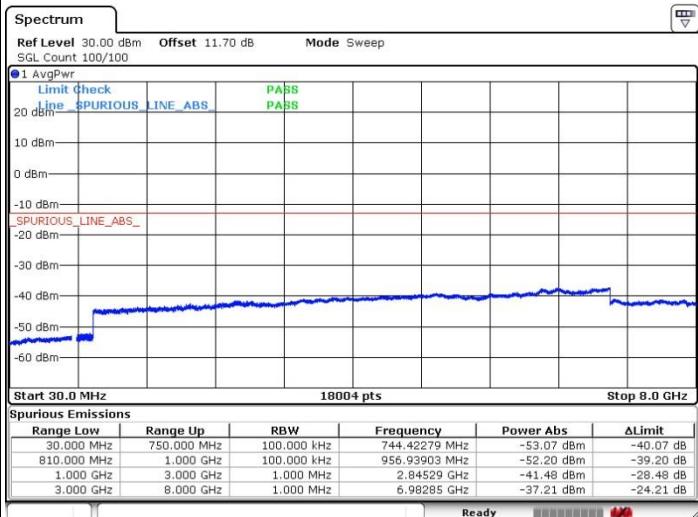
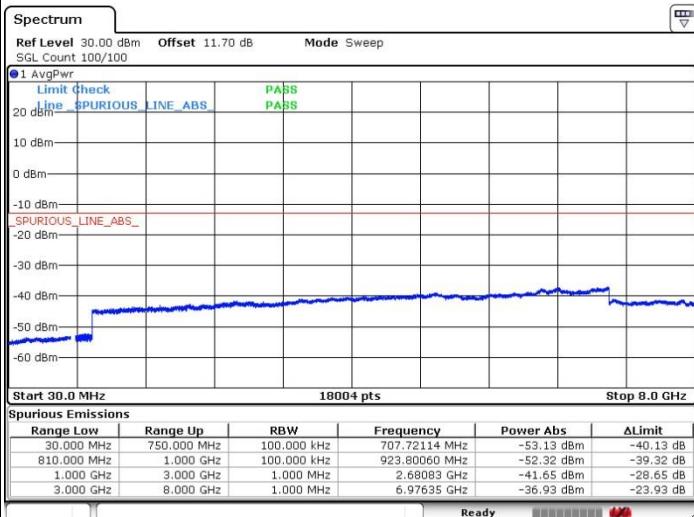
#### Lowest Channel / QPSK

#### Lowest Channel / 16QAM



#### Middle Channel / QPSK

#### Middle Channel / 16QAM

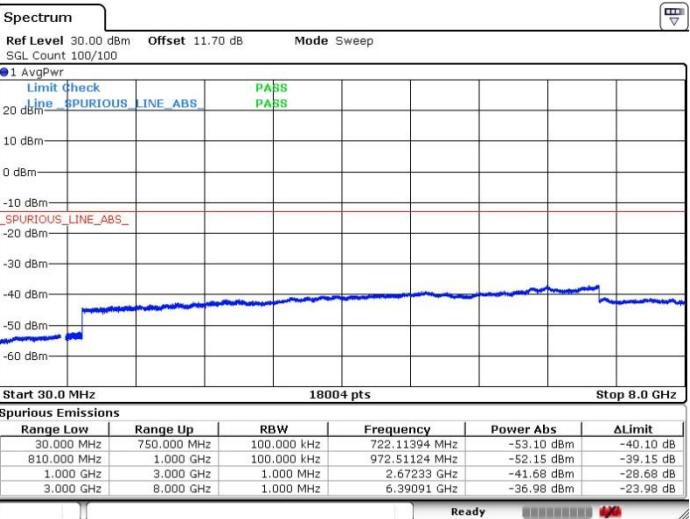
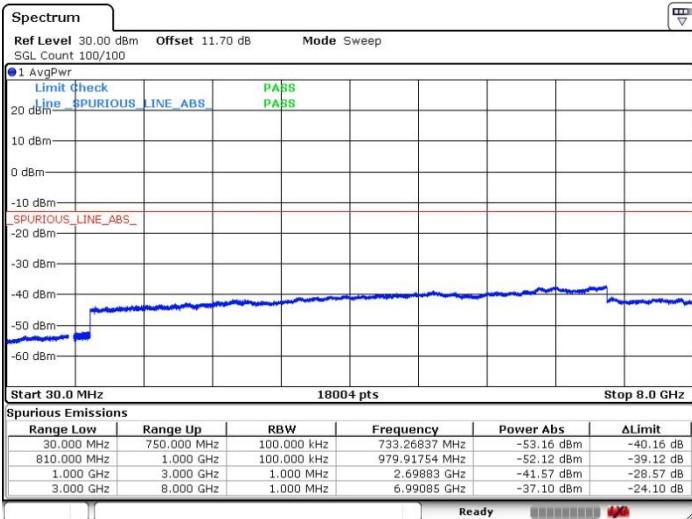




## LTE Band 14/ 5MHz

## Highest Channel / QPSK

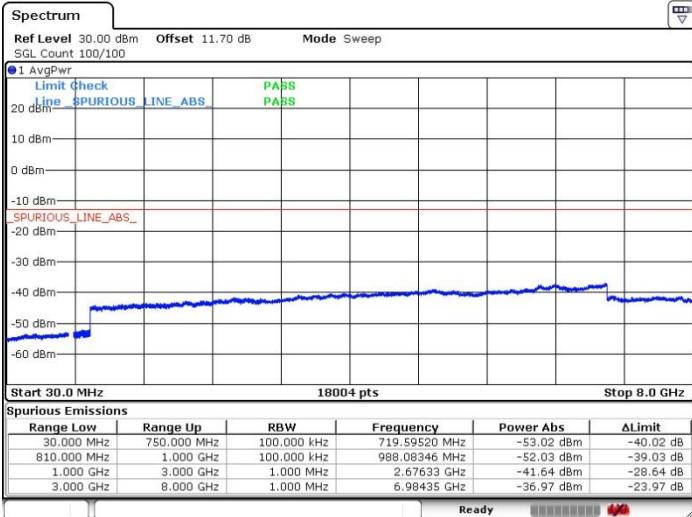
## Highest Channel / 16QAM



## LTE Band 14/ 10MHz

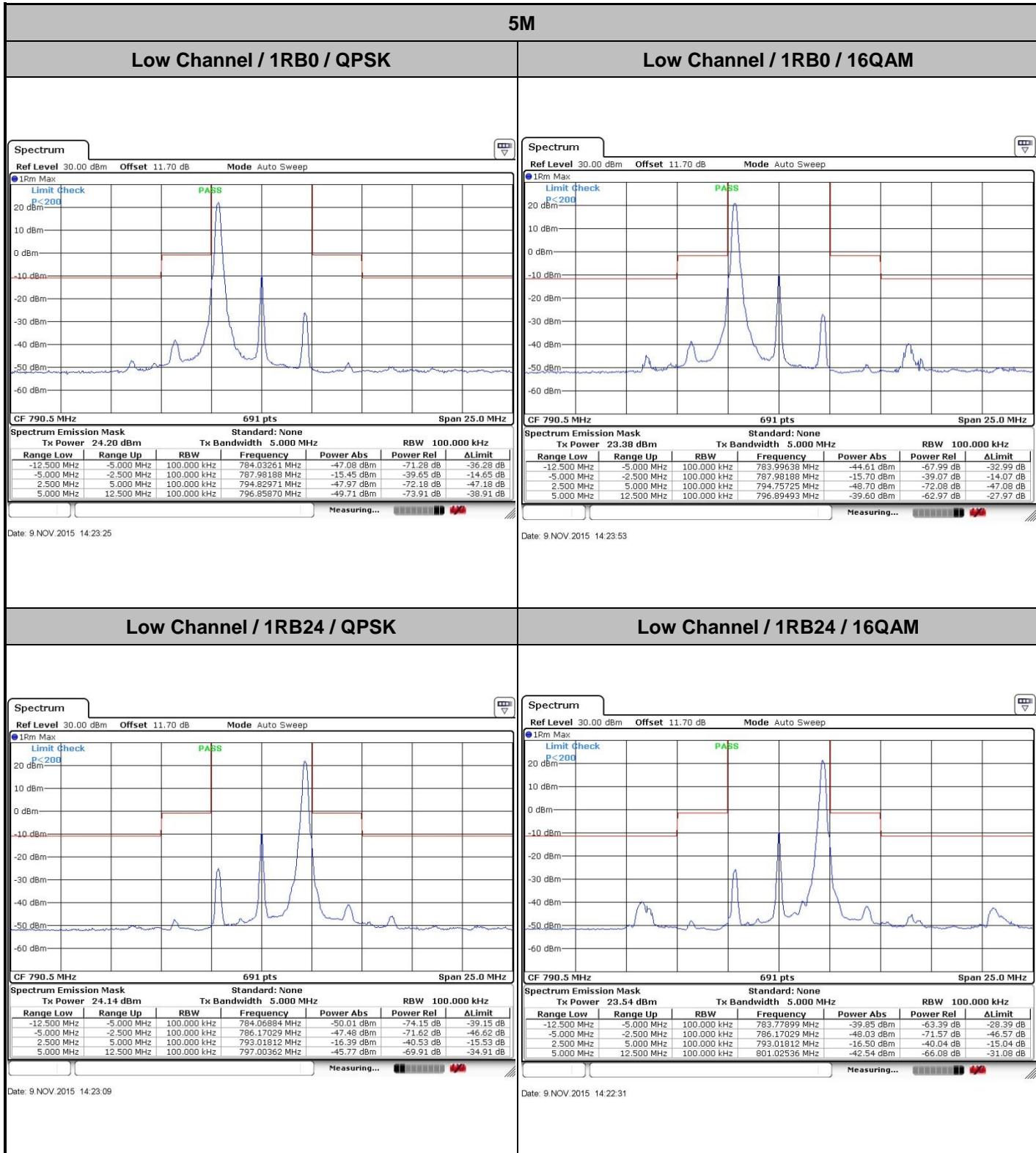
## Middle Channel / QPSK

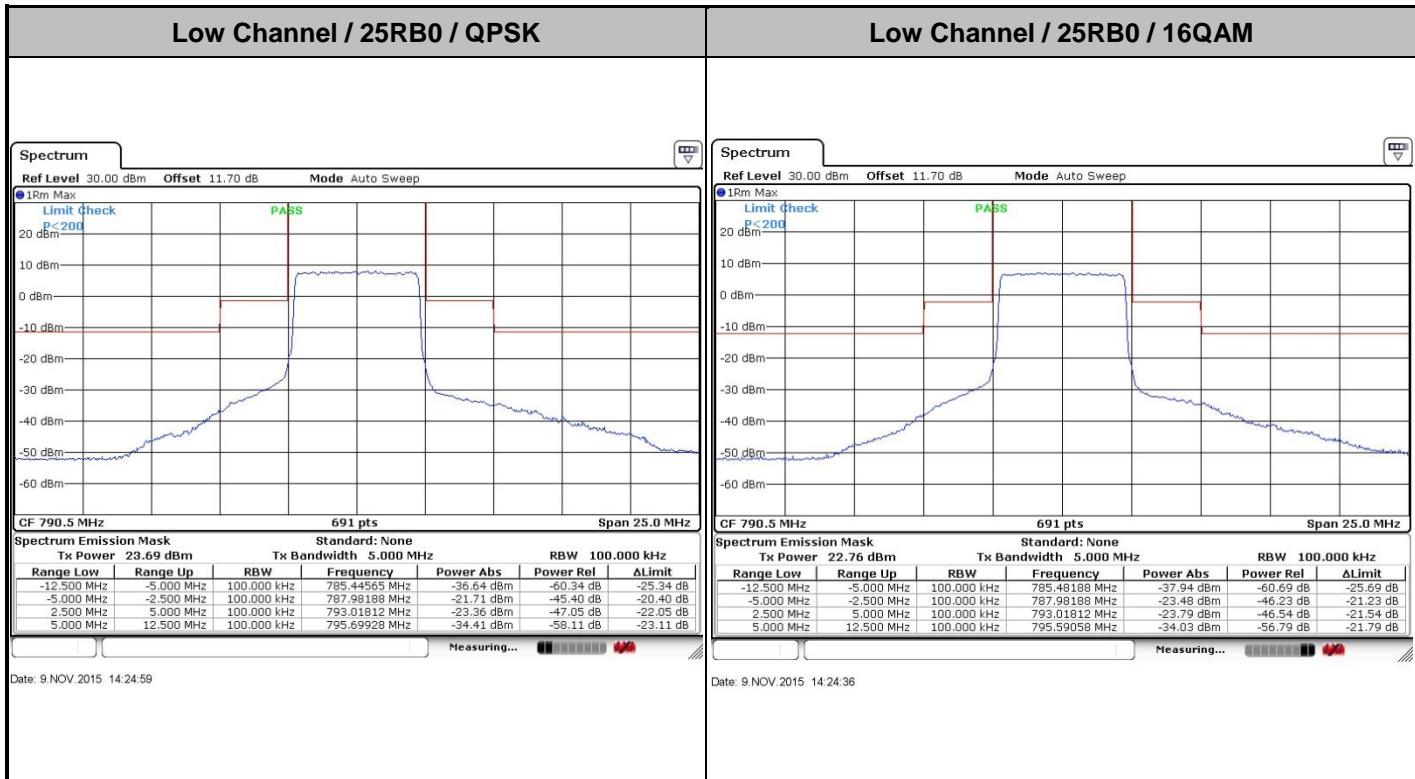
## Middle Channel / 16QAM

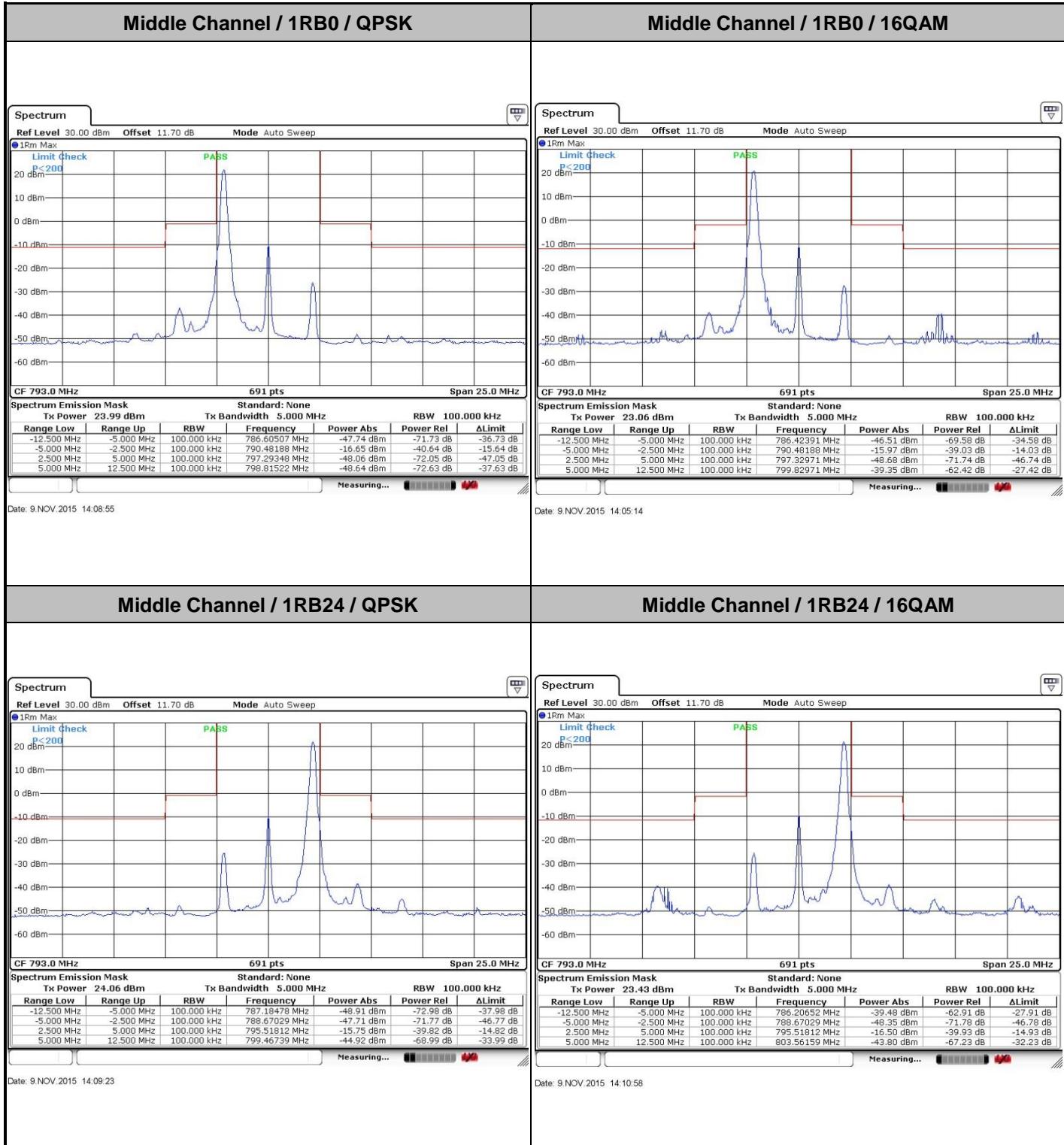


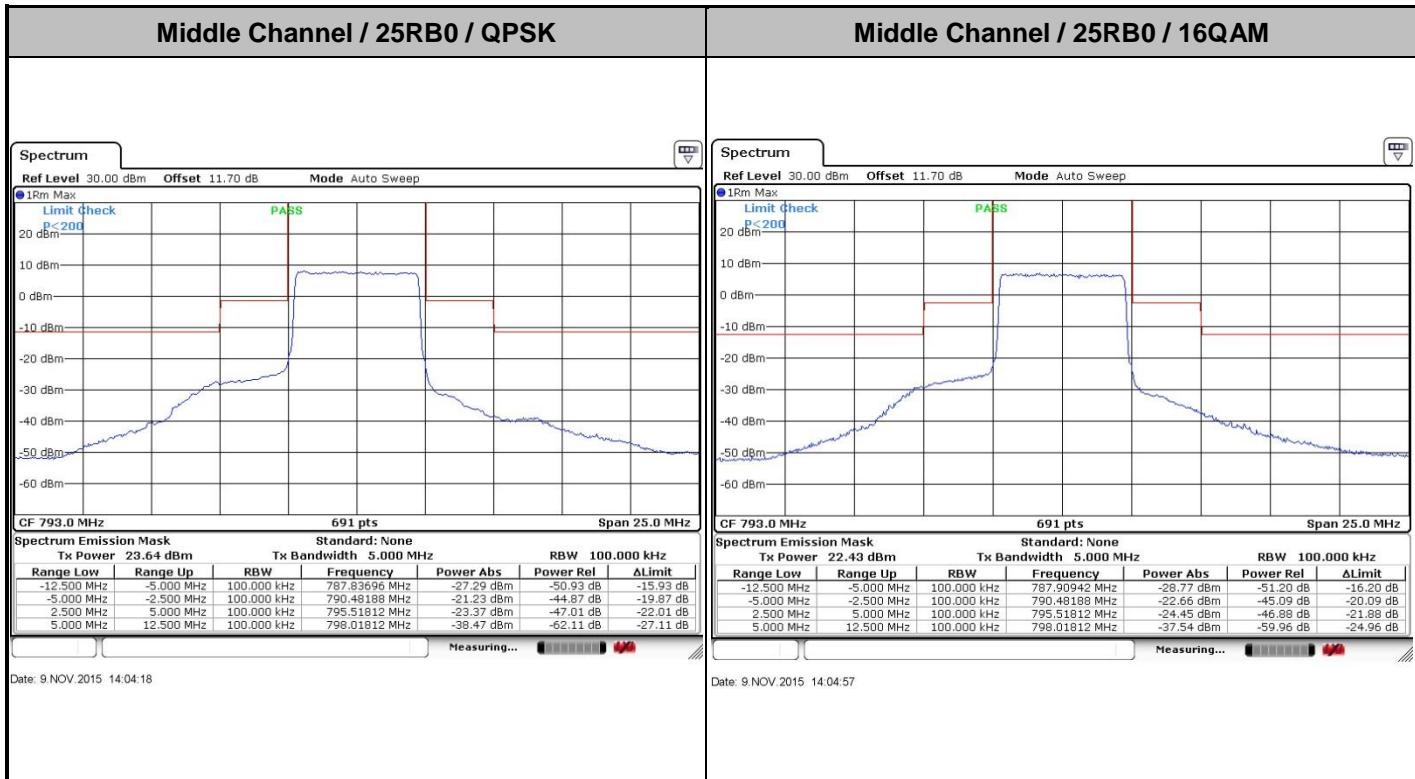


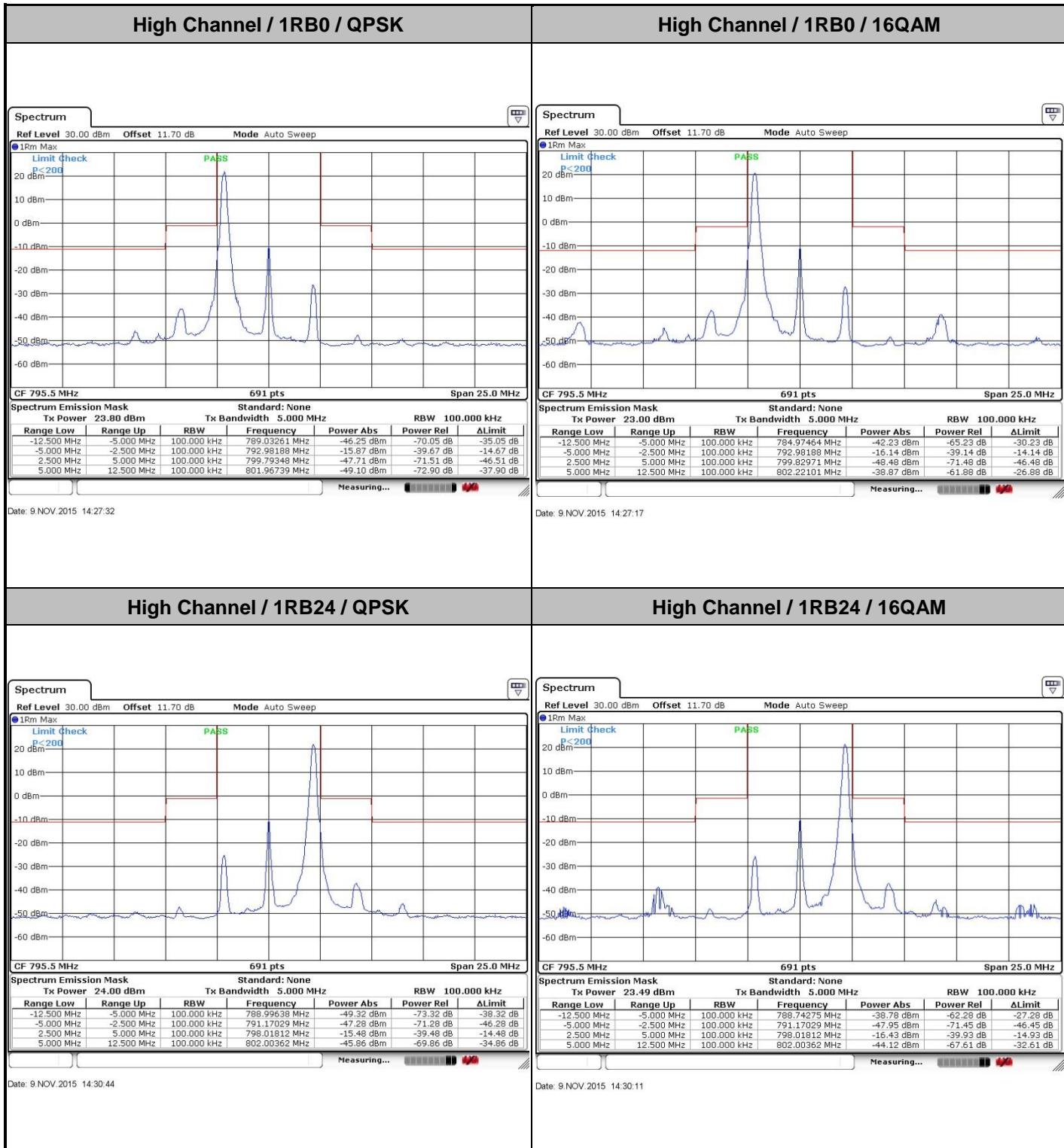
## Emission Mask

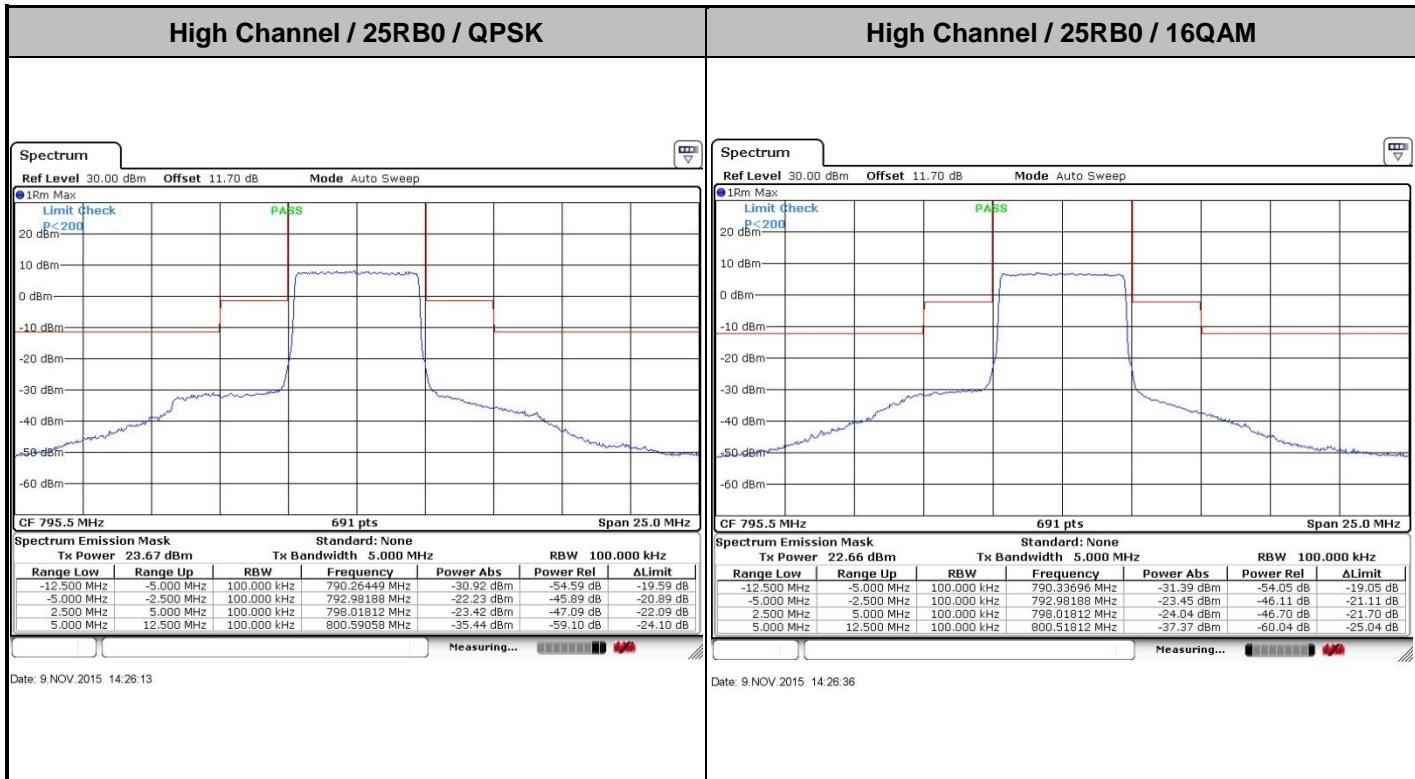










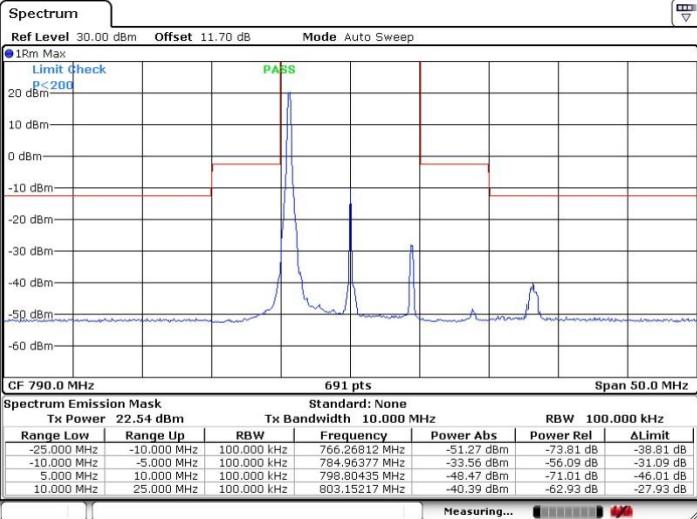
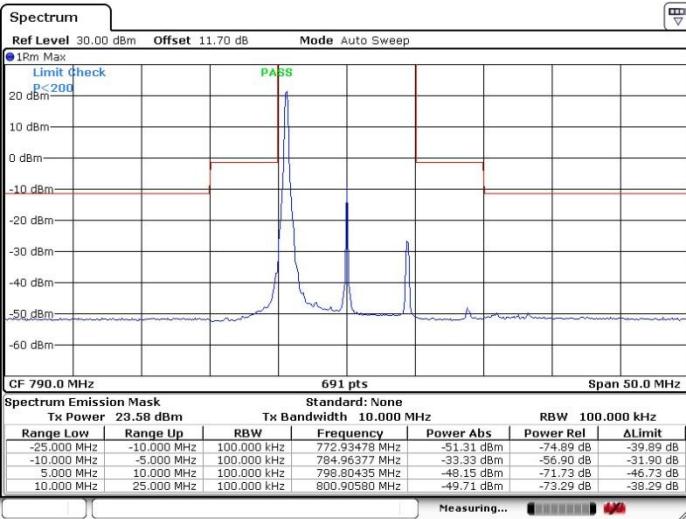




10M

## Middle Channel / 1RB0 / QPSK

## Middle Channel / 1RB0 / 16QAM

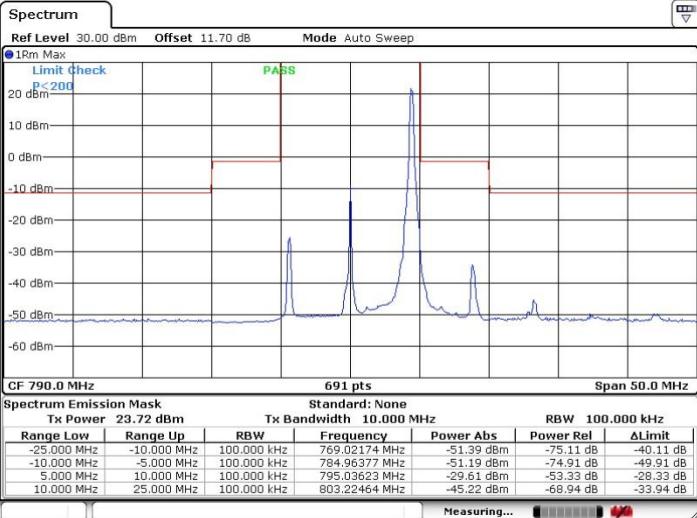
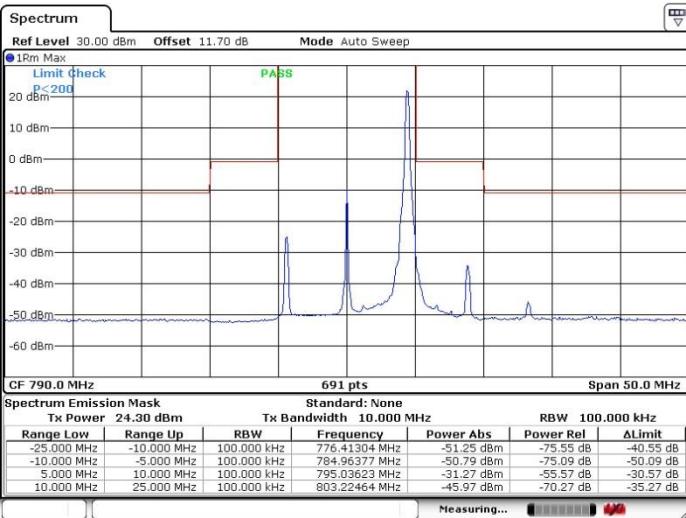


Date: 9.NOV.2015 14:39:18

Date: 9.NOV.2015 14:37:18

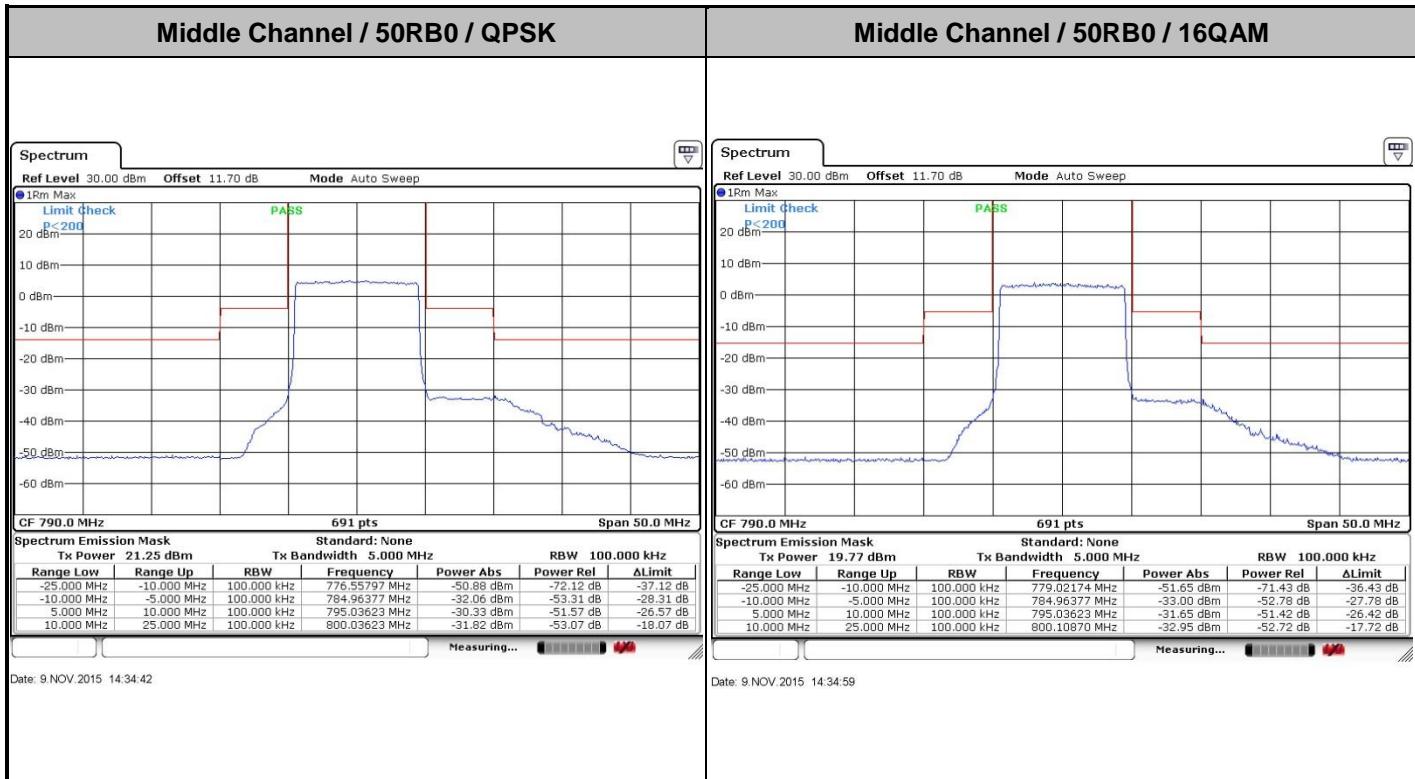
## Middle Channel / 1RB49 / QPSK

## 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.