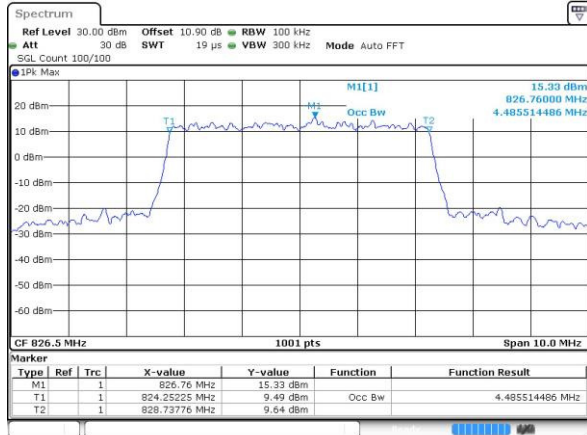


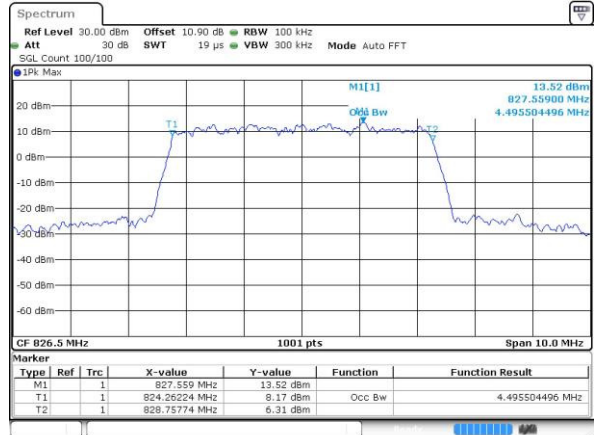


LTE Band 5

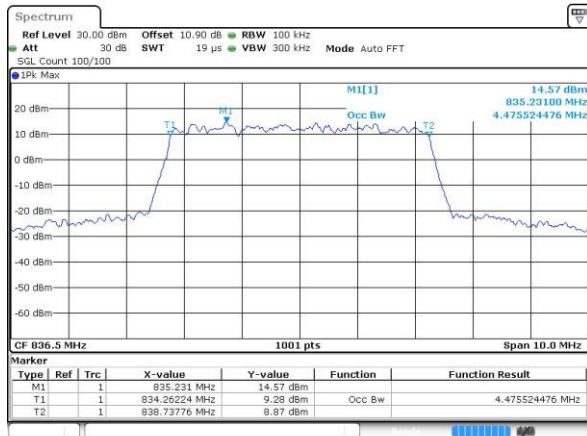
Lowest Channel / 5MHz / QPSK



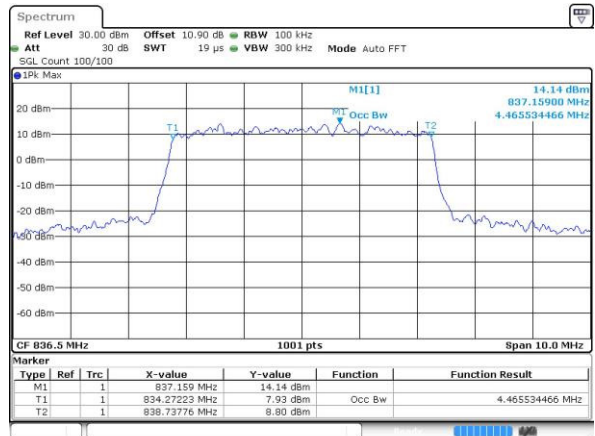
Lowest Channel / 5MHz / 16QAM



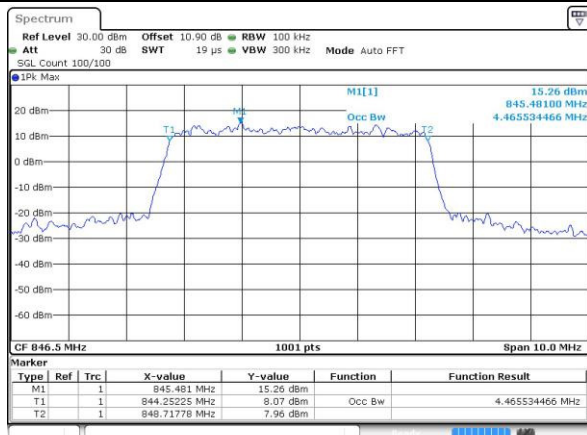
Middle Channel / 5MHz / QPSK



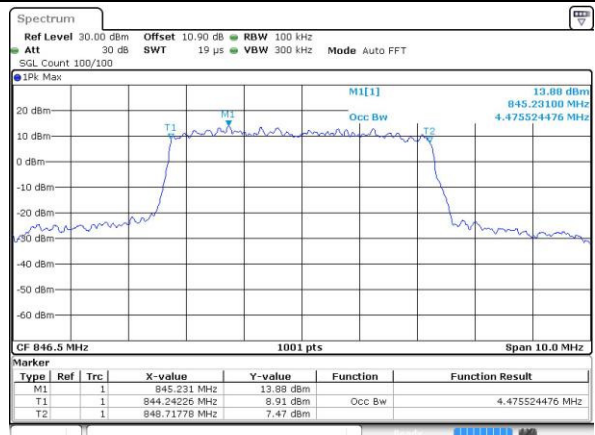
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



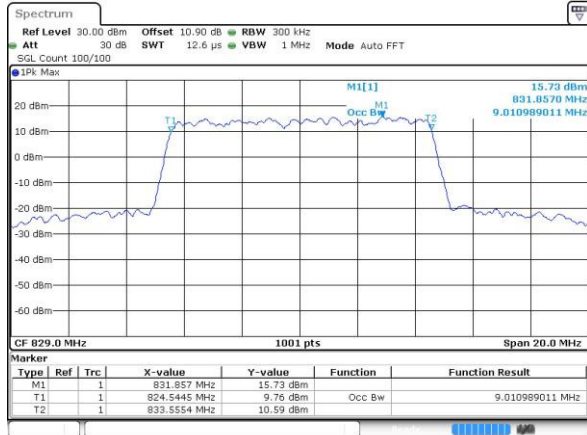
Highest Channel / 5MHz / 16QAM



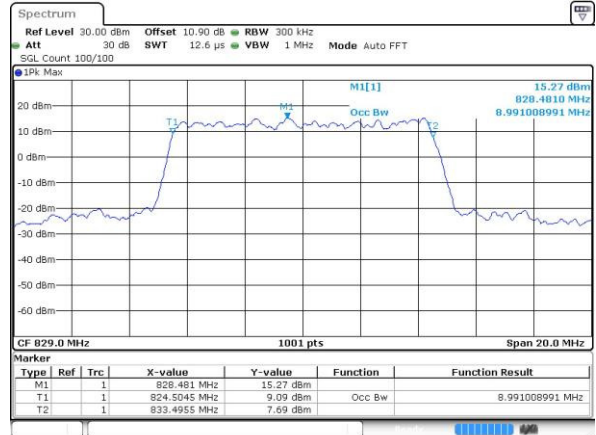


LTE Band 5

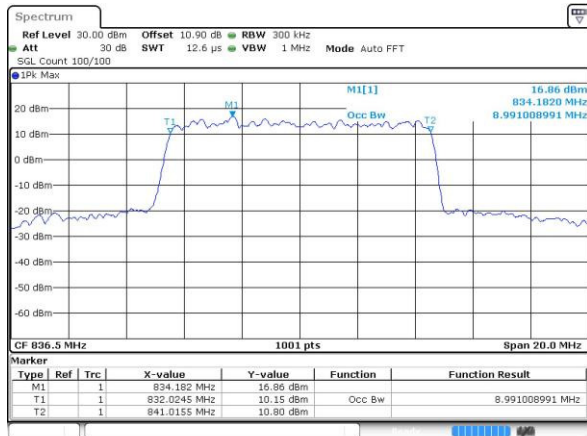
Lowest Channel / 10MHz / QPSK



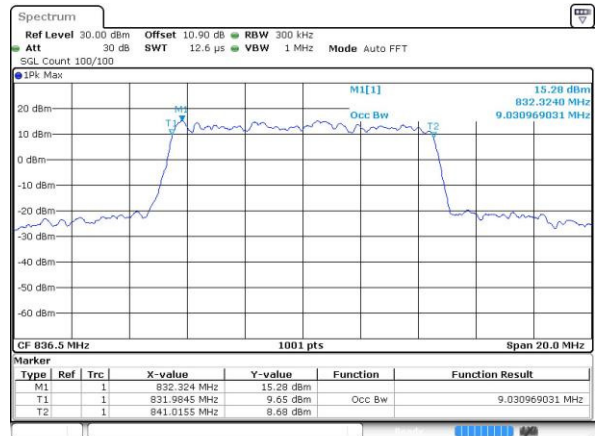
Lowest Channel / 10MHz / 16QAM



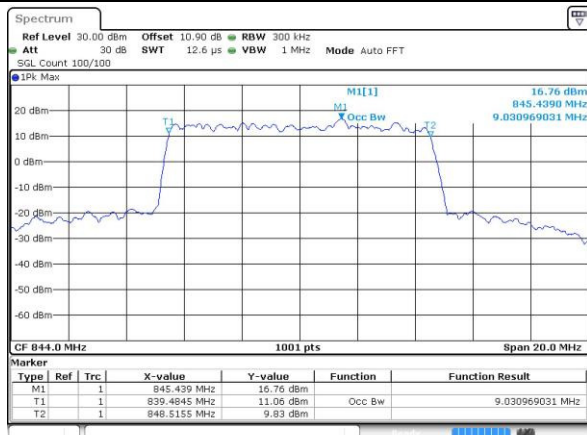
Middle Channel / 10MHz / QPSK



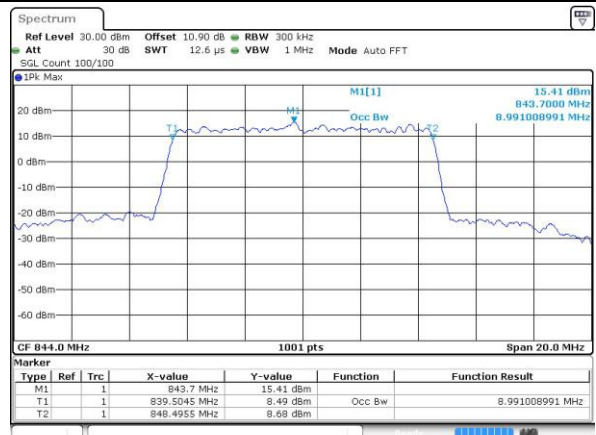
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM





Conducted Band Edge



LTE Band 5 / 1.4MHz / QPSK

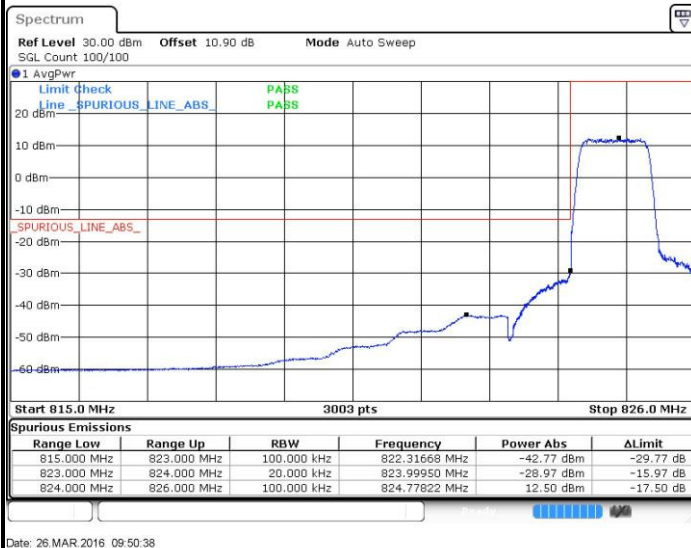
Lowest Band Edge / 1RB



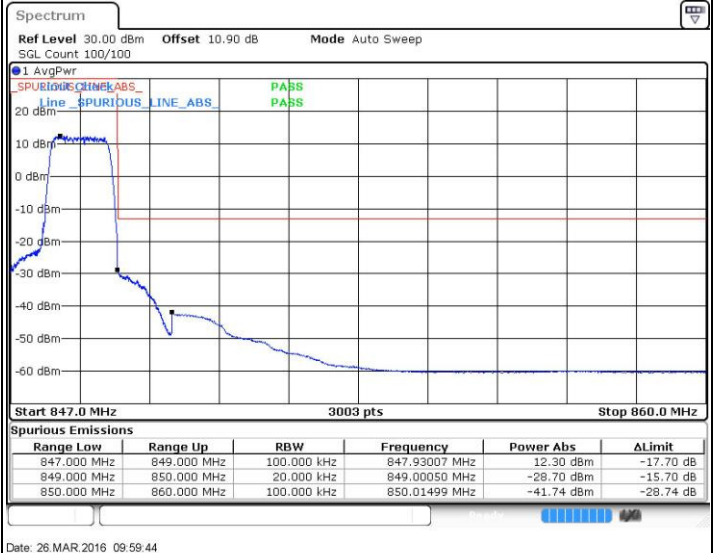
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



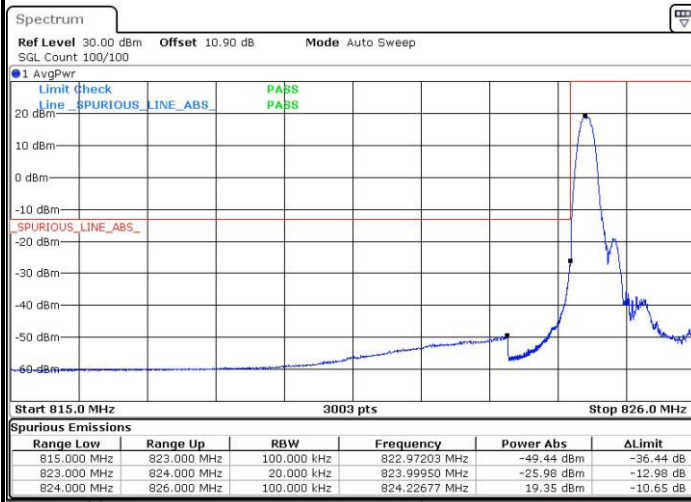
Highest Band Edge / Full RB





LTE Band 5 / 1.4MHz / 16QAM

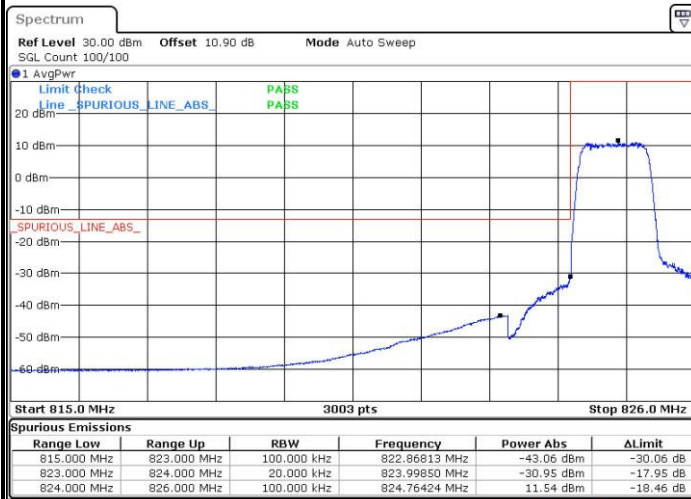
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



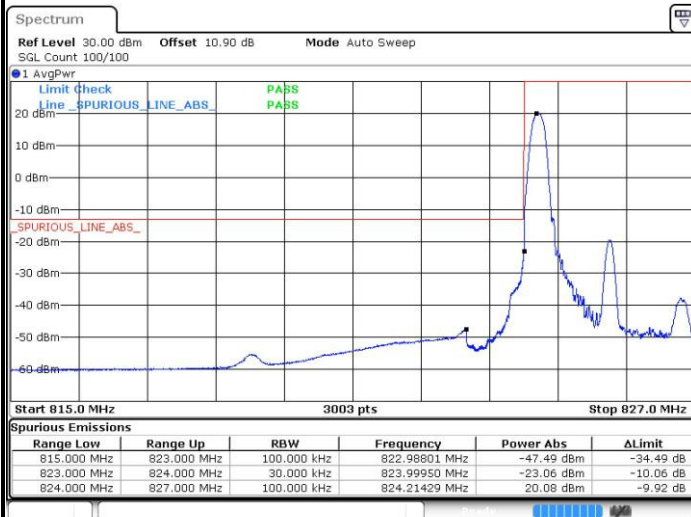
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / QPSK

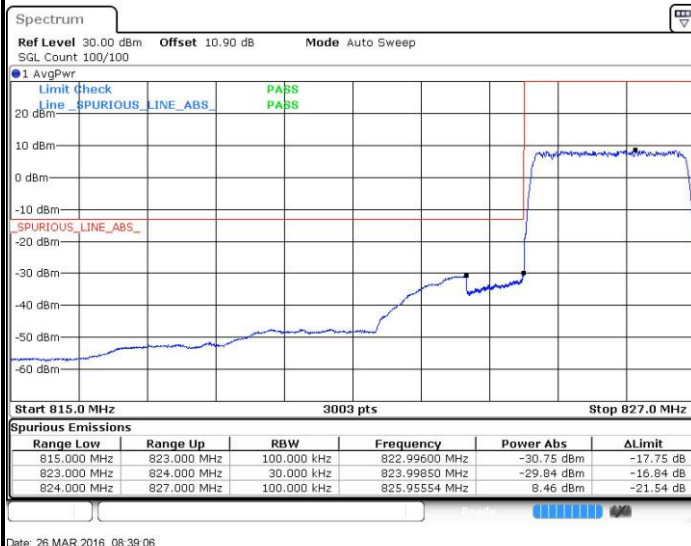
Lowest Band Edge / 1RB



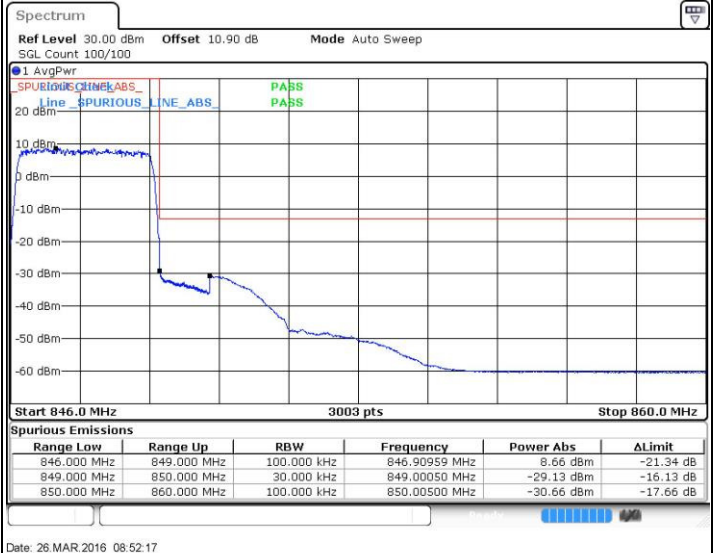
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



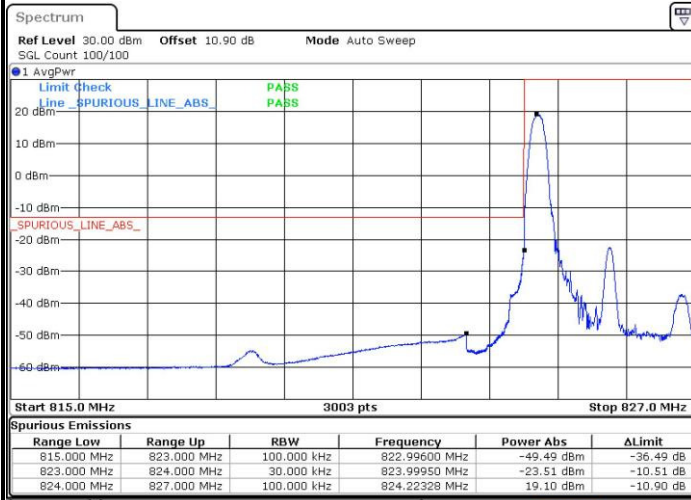
Highest Band Edge / Full RB





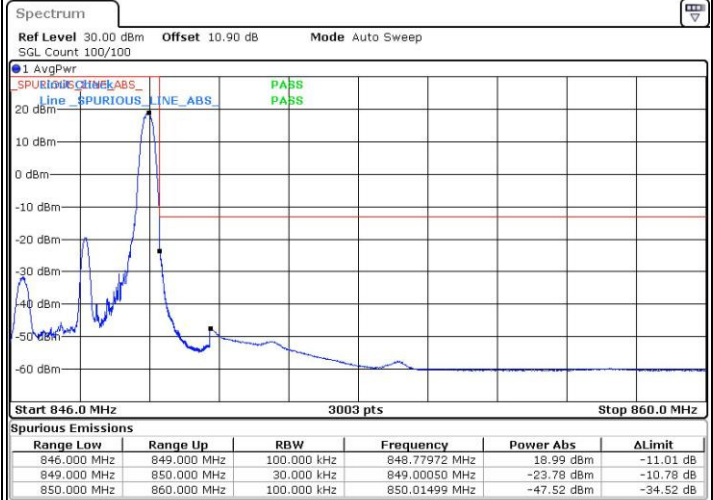
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 26 MAR 2016 08:37:04

Highest Band Edge / 1 RB



Date: 26 MAR 2016 08:50:14

Lowest Band Edge / Full RB



Date: 26 MAR 2016 08:41:08

Highest Band Edge / Full RB

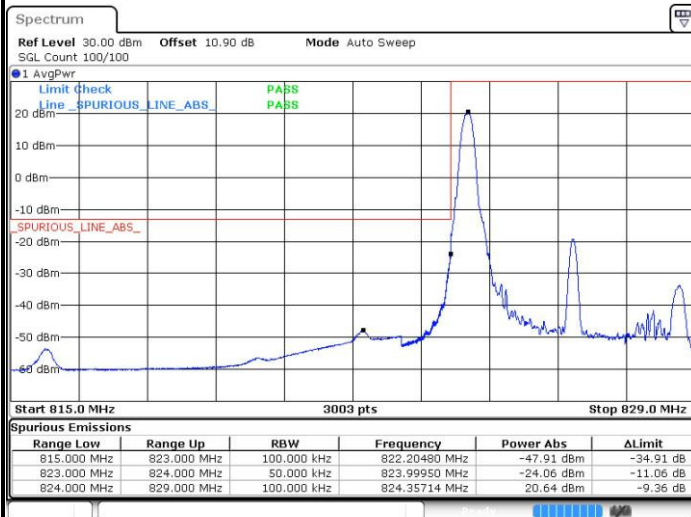


Date: 26 MAR 2016 08:54:19



LTE Band 5 / 5MHz / QPSK

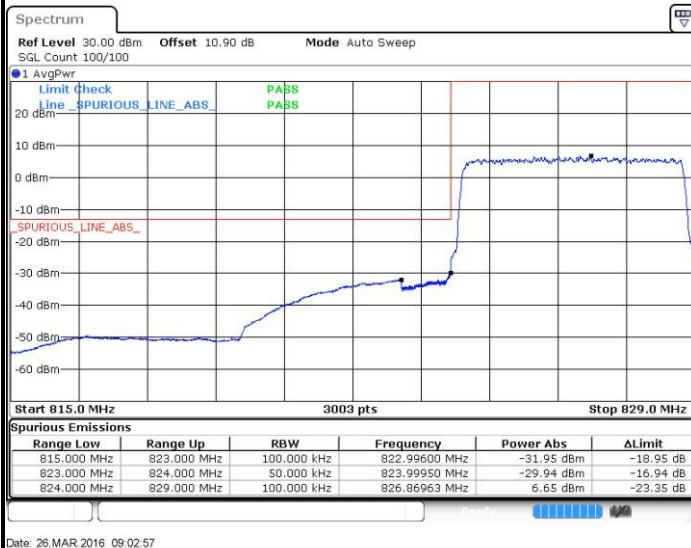
Lowest Band Edge / 1 RB



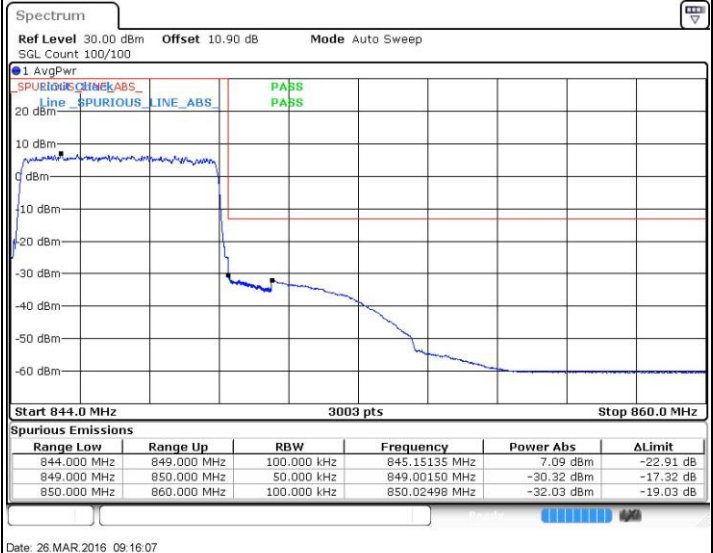
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



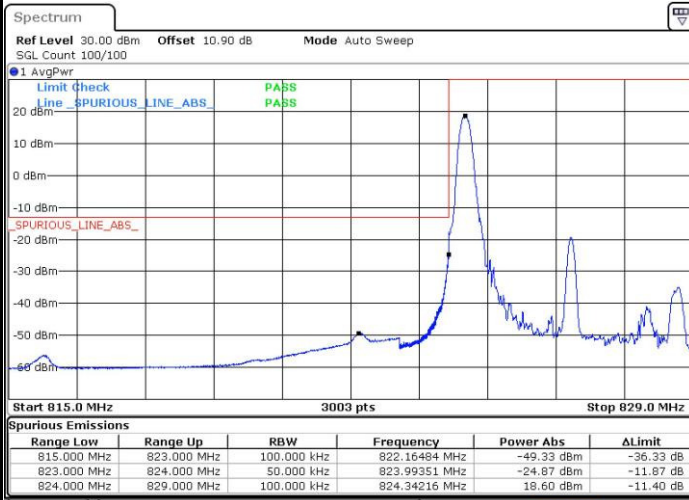
Highest Band Edge / Full RB



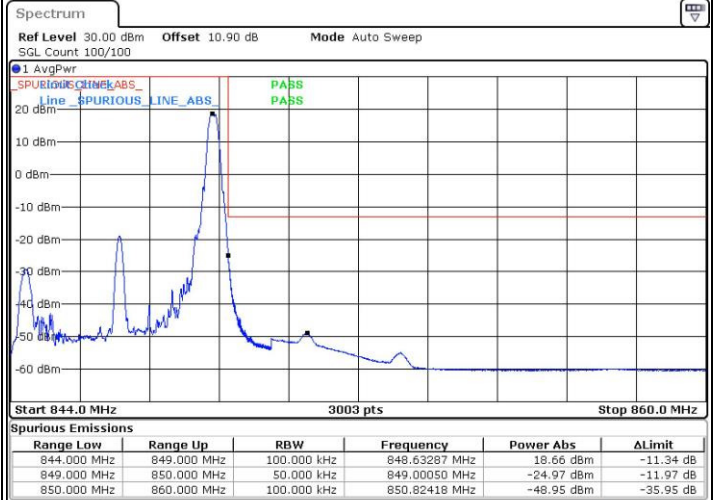


LTE Band 5 / 5MHz / 16QAM

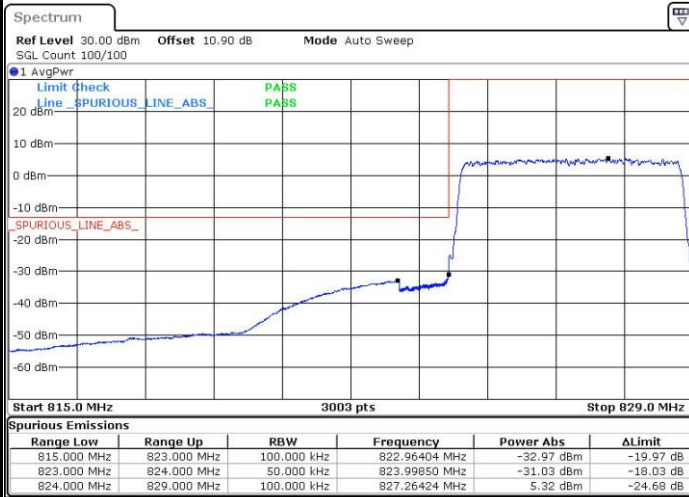
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



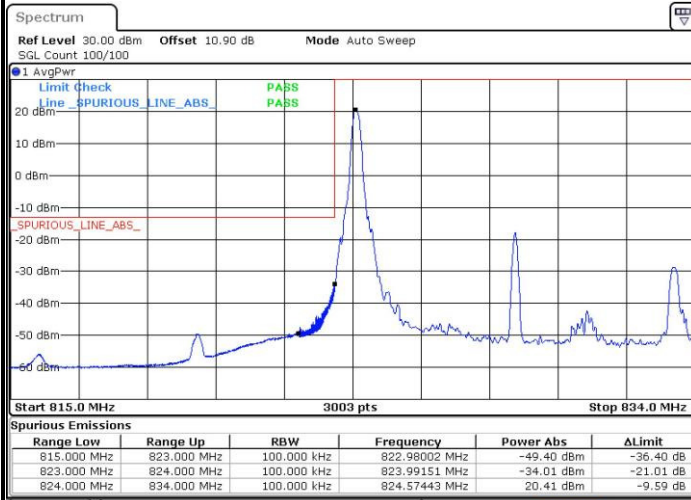
Highest Band Edge / Full RB



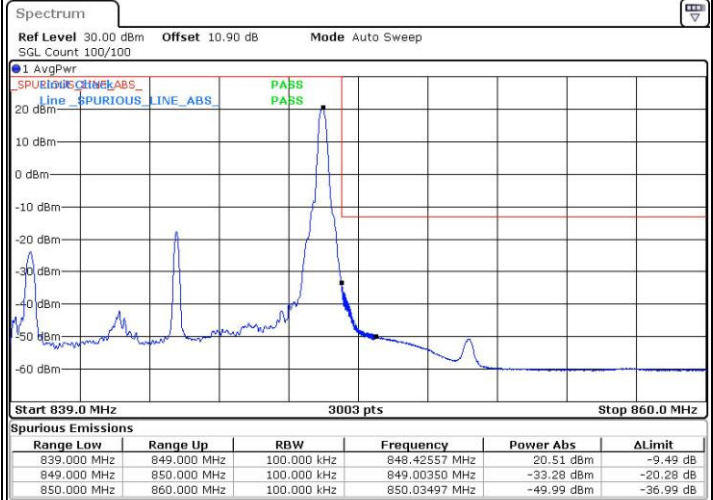


LTE Band 5 / 10MHz / QPSK

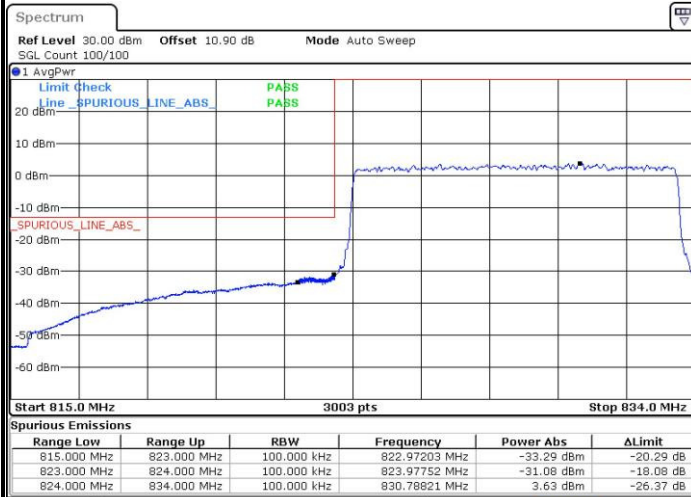
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



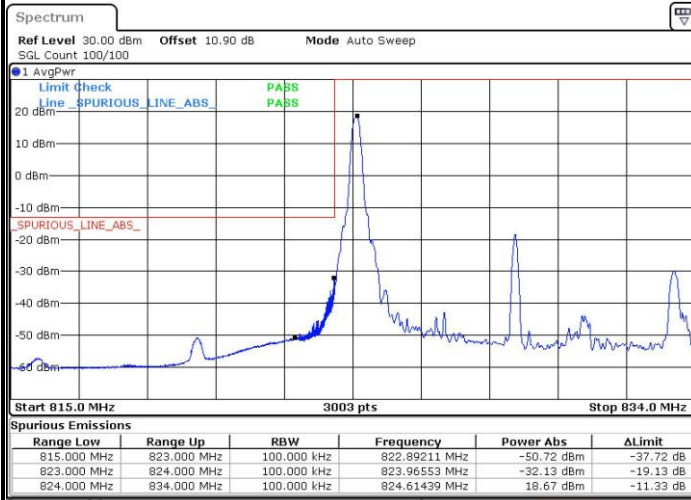
Highest Band Edge / Full RB



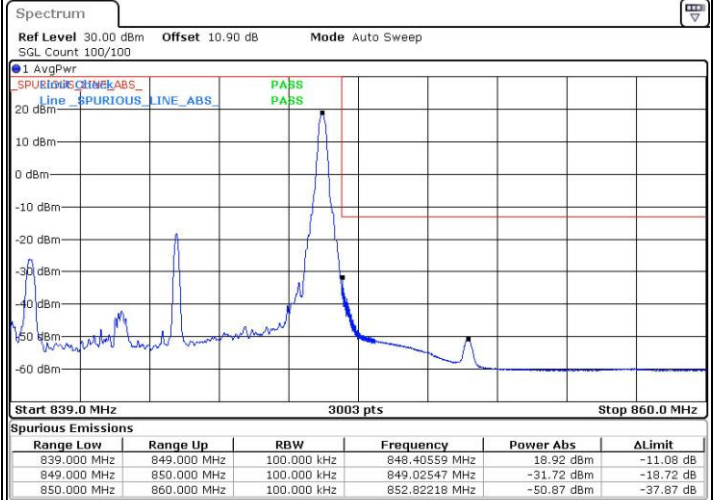


LTE Band 5 / 10MHz / 16QAM

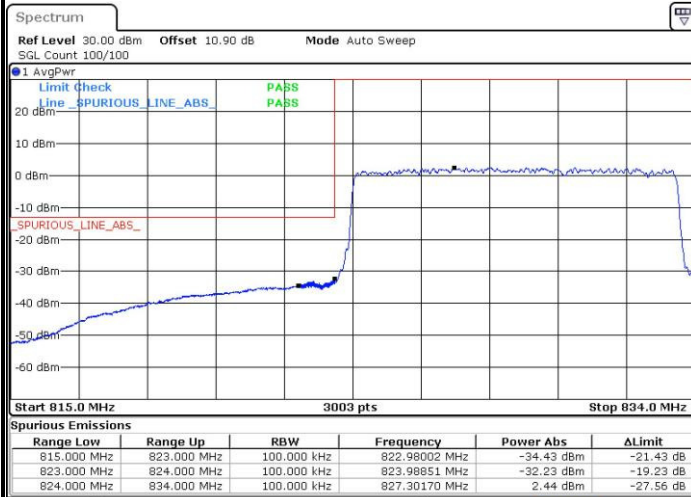
Lowest Band Edge / 1 RB



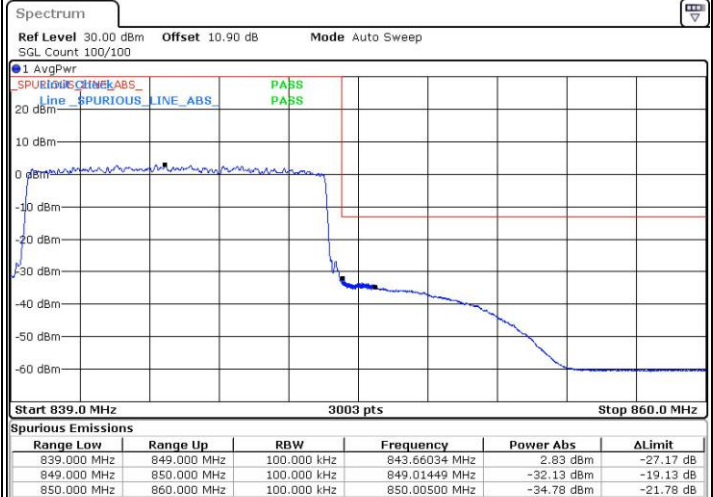
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



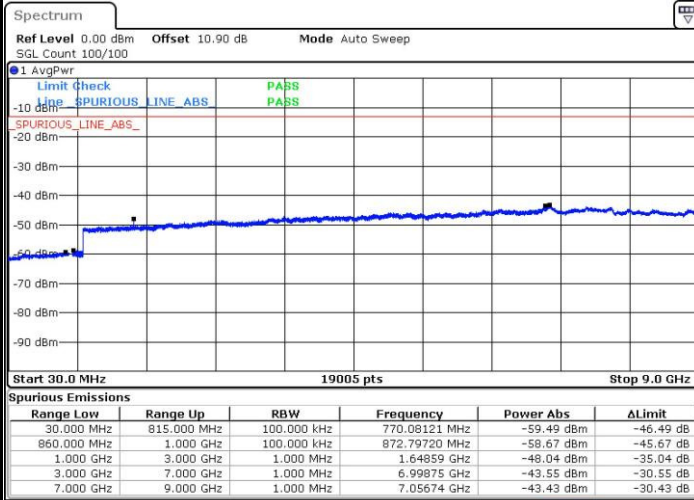


Conducted Spurious Emission



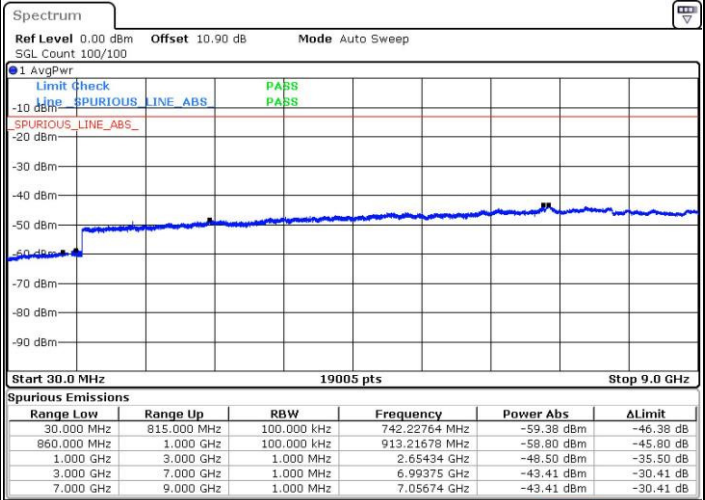
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



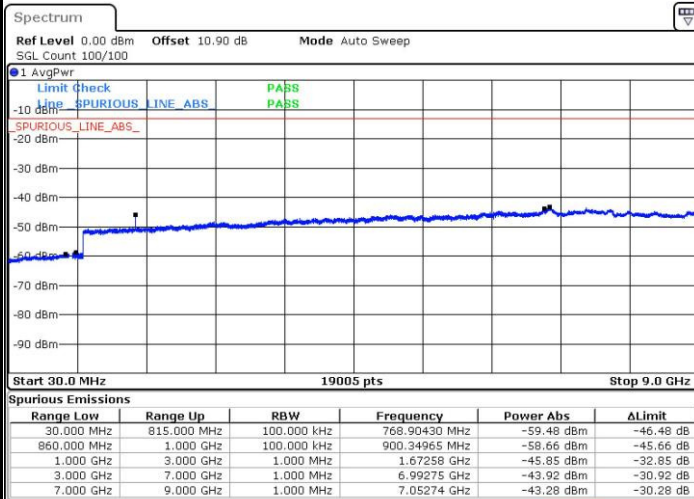
Date: 26 MAR 2016 09:53:35

Lowest Channel / 16QAM



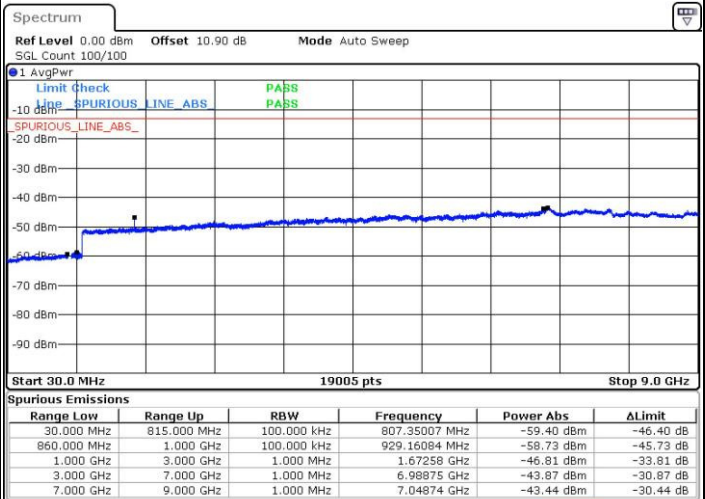
Date: 26 MAR 2016 09:54:29

Middle Channel / QPSK



Date: 26 MAR 2016 09:56:06

Middle Channel / 16QAM

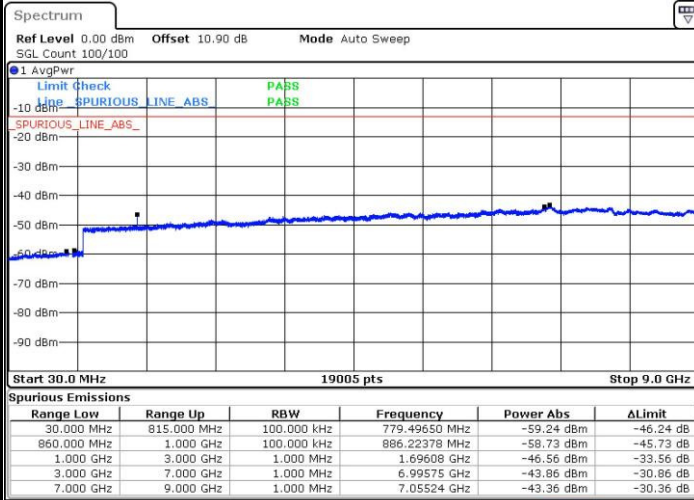


Date: 26 MAR 2016 09:57:00



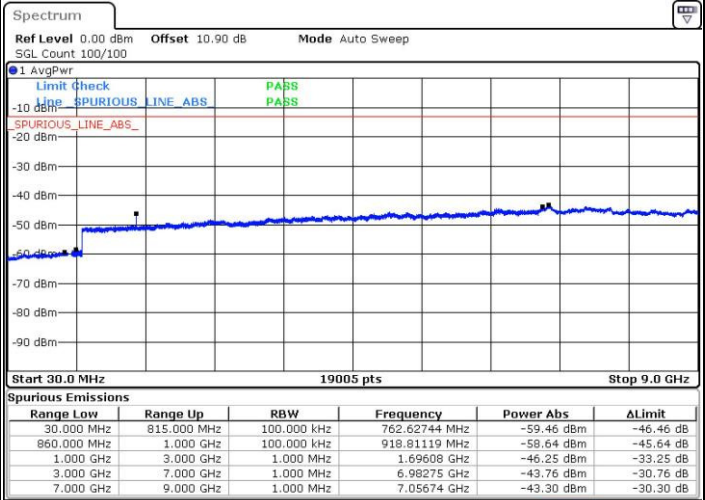
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 26 MAR 2016 10:06:46

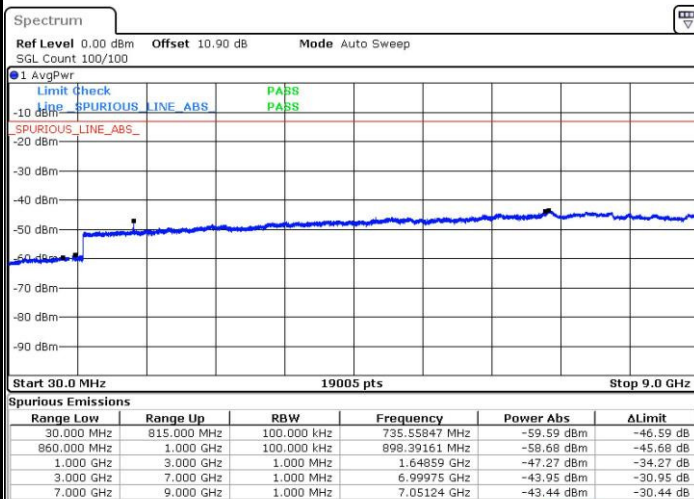
Highest Channel / 16QAM



Date: 26 MAR 2016 10:07:40

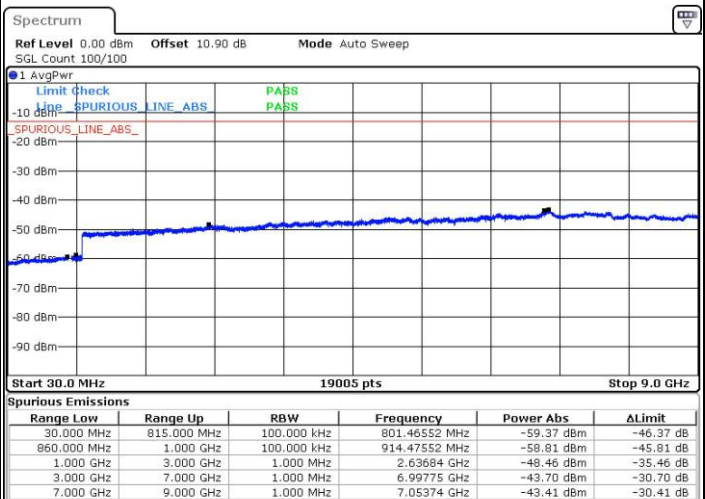
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 26 MAR 2016 08:42:03

Lowest Channel / 16QAM

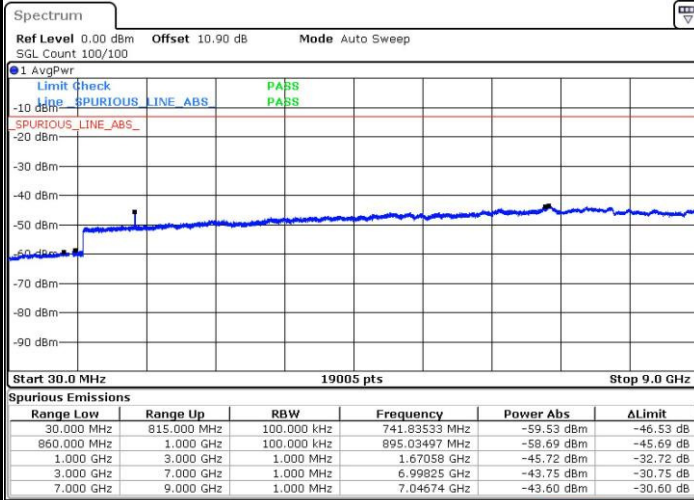


Date: 26 MAR 2016 08:42:58



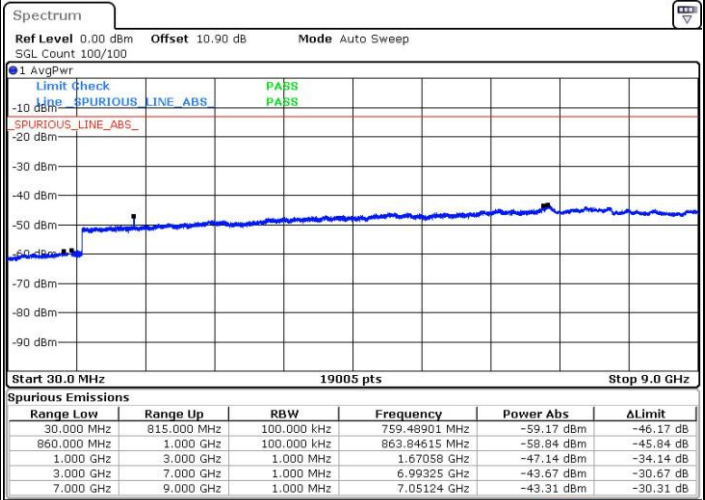
LTE Band 5 / 3MHz

Middle Channel / QPSK



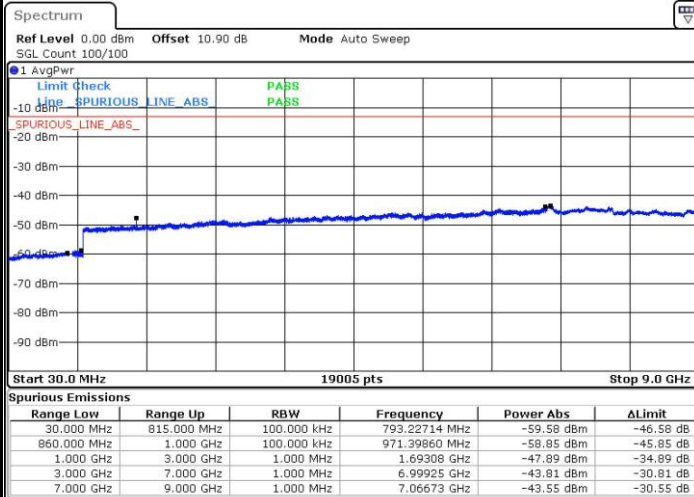
Date: 26 MAR 2016 08:44:34

Middle Channel / 16QAM



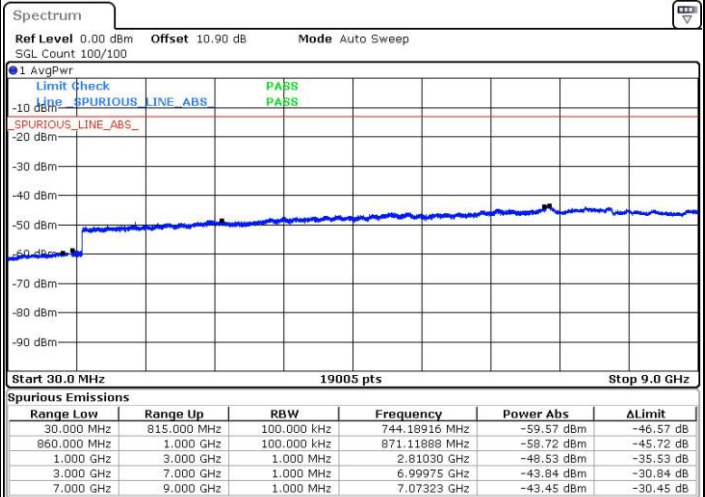
Date: 26 MAR 2016 08:45:28

Highest Channel / QPSK



Date: 26 MAR 2016 08:55:14

Highest Channel / 16QAM

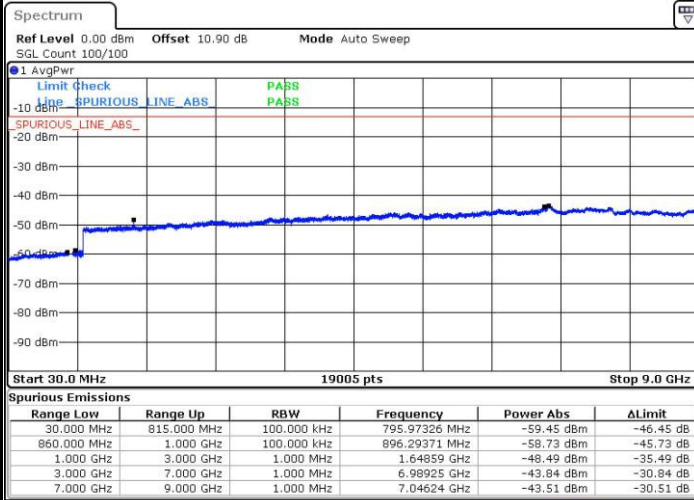


Date: 26 MAR 2016 08:56:08



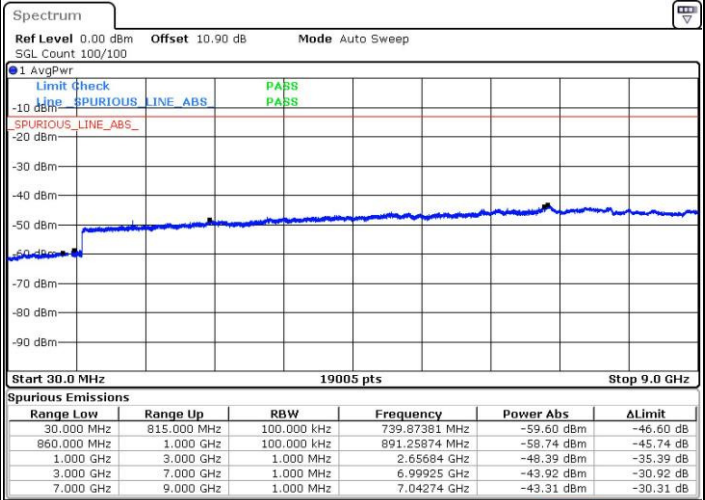
LTE Band 5 / 5MHz

Lowest Channel / QPSK



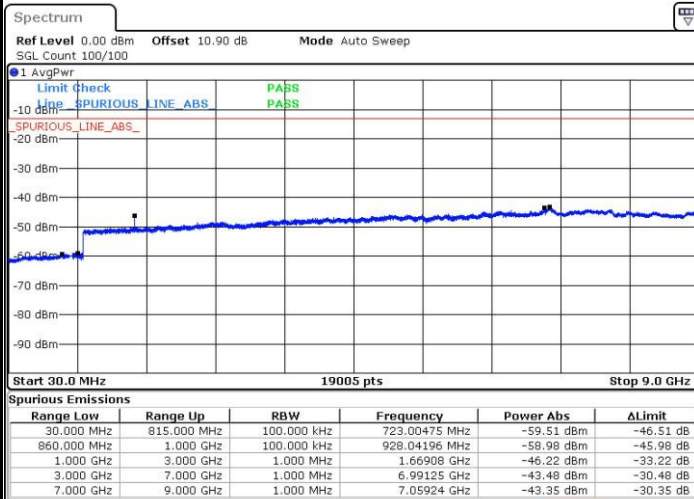
Date: 26 MAR 2016 09:05:54

Lowest Channel / 16QAM



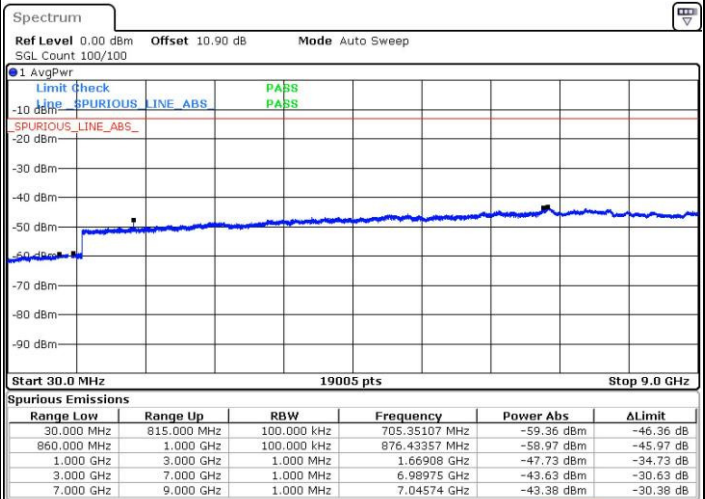
Date: 26 MAR 2016 09:06:48

Middle Channel / QPSK



Date: 26 MAR 2016 09:08:24

Middle Channel / 16QAM

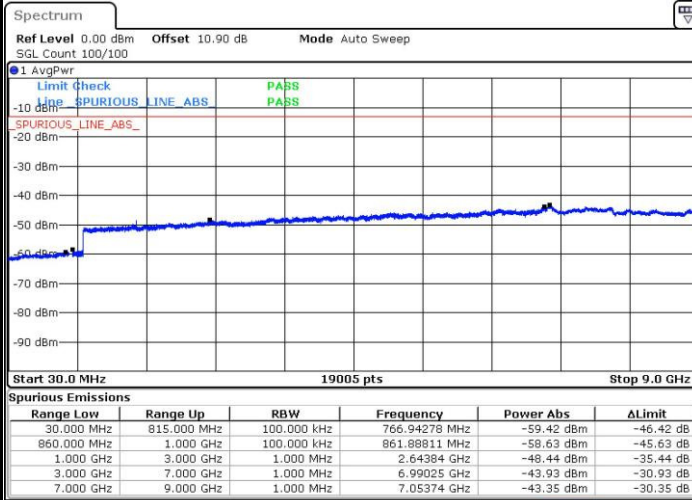


Date: 26 MAR 2016 09:09:19



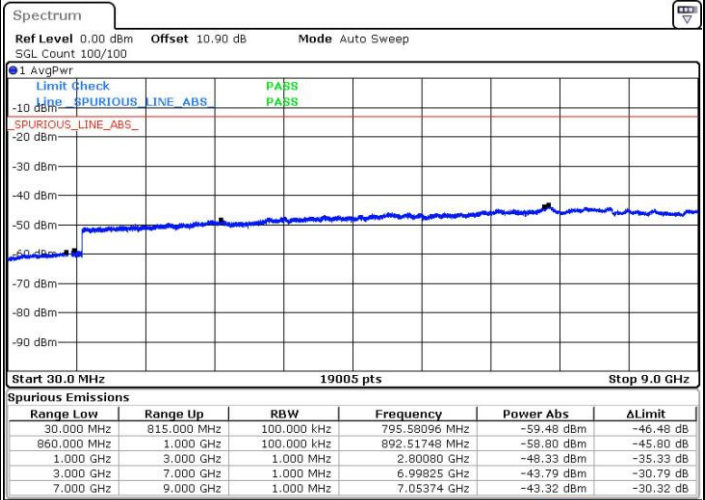
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 26 MAR 2016 09:19:04

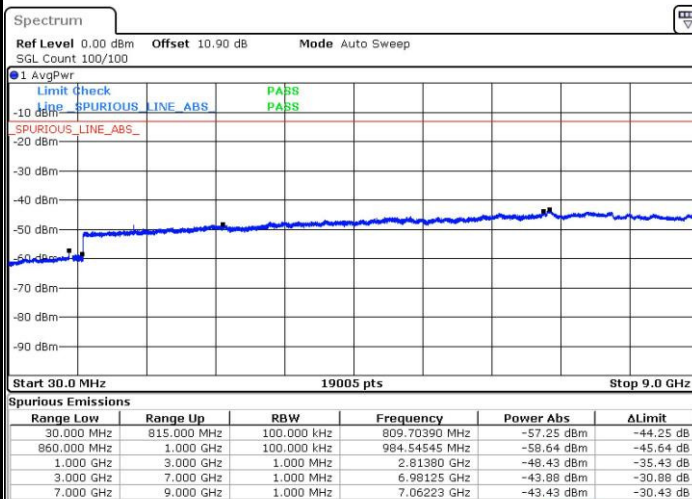
Highest Channel / 16QAM



Date: 26 MAR 2016 09:19:59

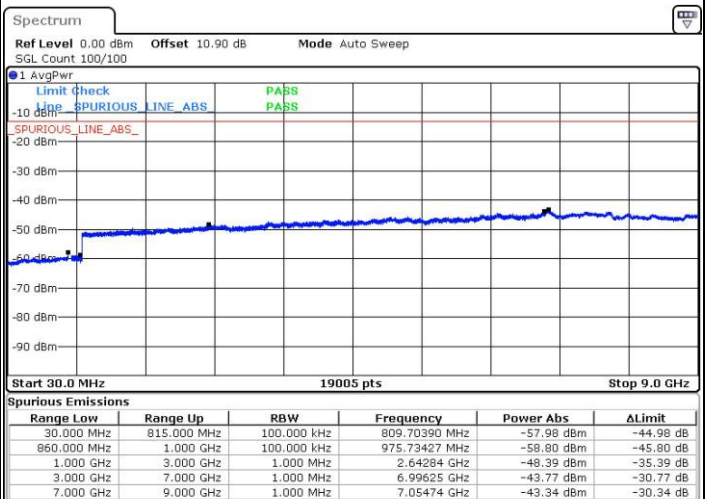
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 26 MAR 2016 09:29:44

Lowest Channel / 16QAM

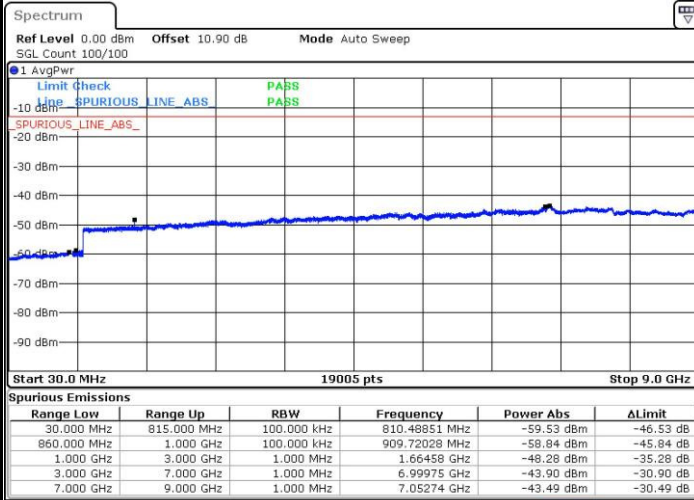


Date: 26 MAR 2016 09:30:39



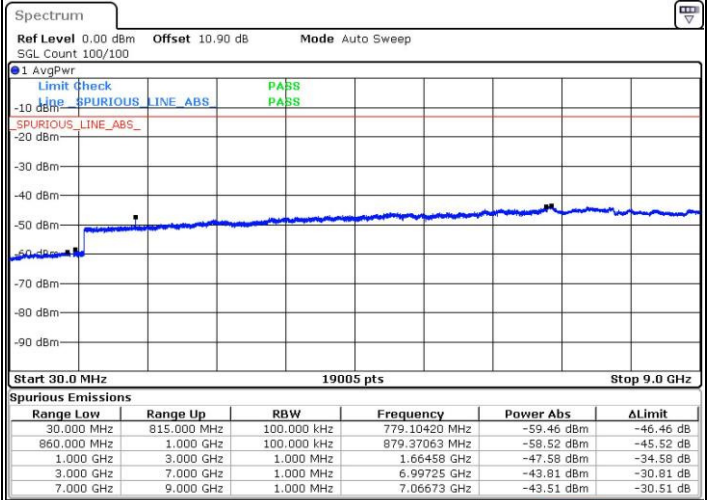
LTE Band 5 / 10MHz

Middle Channel / QPSK



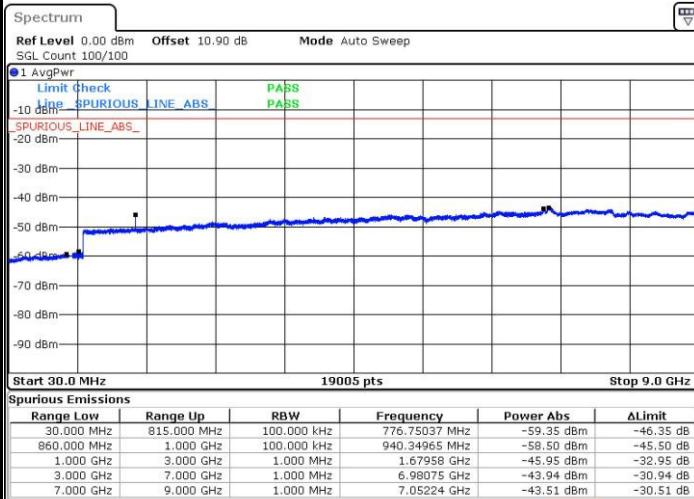
Date: 26 MAR 2016 09:32:15

Middle Channel / 16QAM



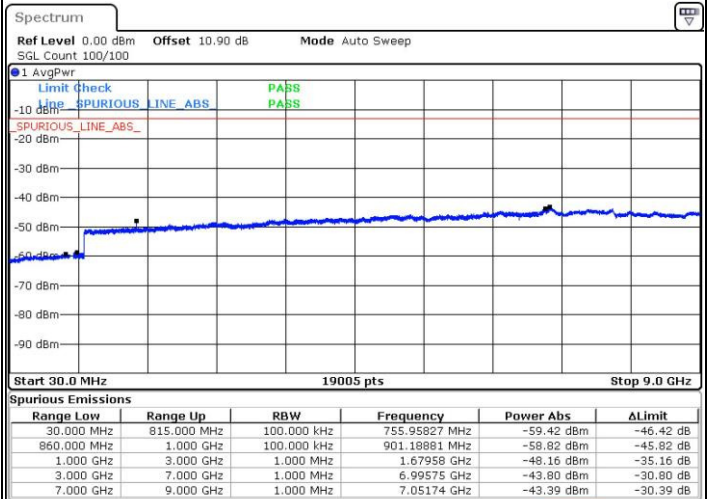
Date: 26 MAR 2016 09:33:09

Highest Channel / QPSK



Date: 26 MAR 2016 09:42:55

Highest Channel / 16QAM



Date: 26 MAR 2016 09:43:49

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	0.0074	PASS
40	Normal Voltage	0.0090	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0091	
-10	Normal Voltage	0.0102	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0098	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0084	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.2 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	4.23	5.33	5.48	6.41	
Highest CH	-	-	-	-	

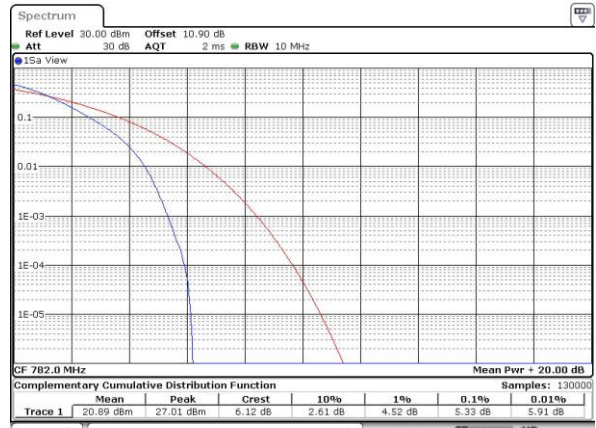


LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB



Middle Channel / Full RB



LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Middle Channel / Full RB



**26dB Bandwidth**

Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.93	4.98	-	-	-	-	-	-
Middle CH	-	-	-	-	4.87	4.91	9.61	9.85	-	-	-	-
Highest CH	-	-	-	-	4.96	4.89	-	-	-	-	-	-