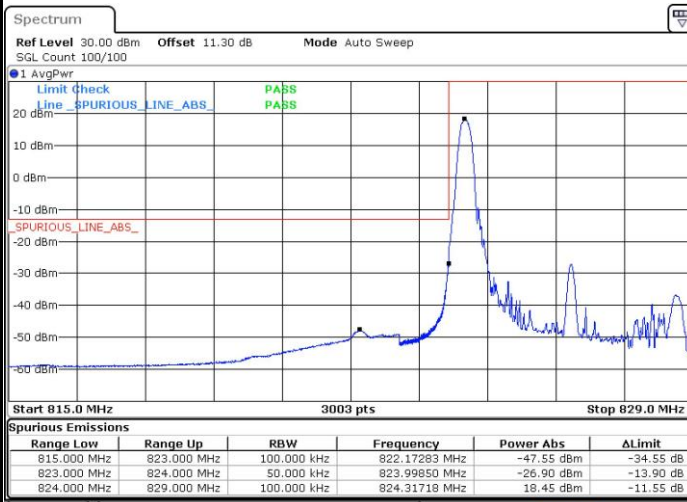




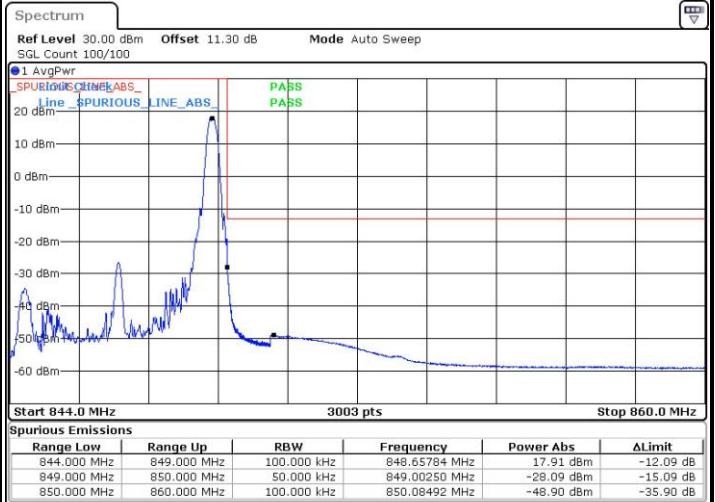
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



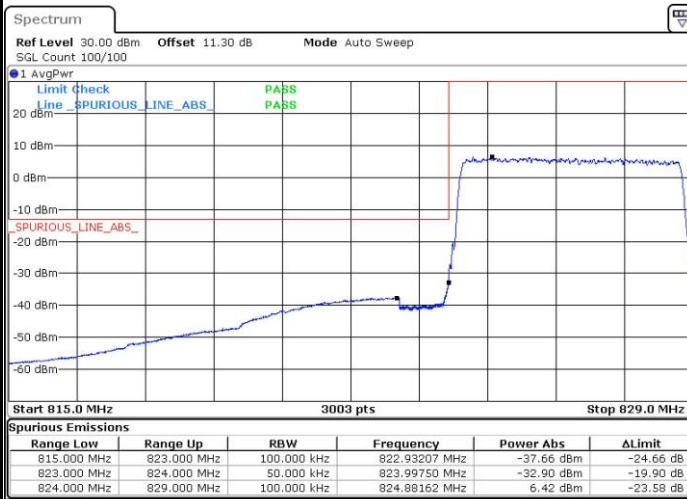
Date: 23 APR 2016 10:54:22

Highest Band Edge / 1 RB



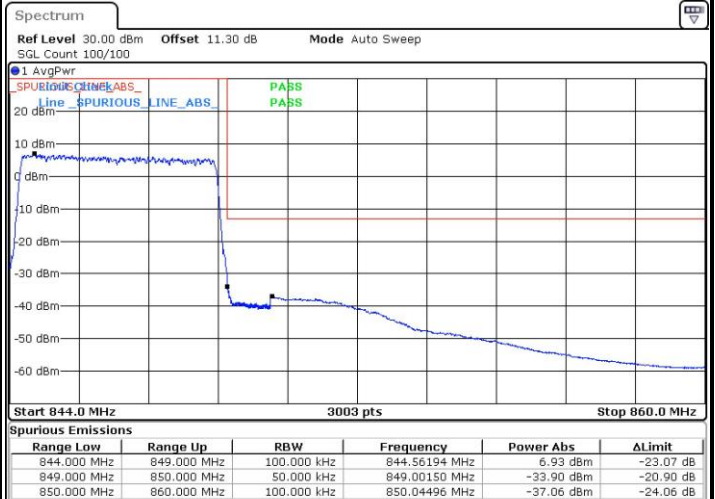
Date: 23 APR 2016 11:07:32

Lowest Band Edge / Full RB



Date: 23 APR 2016 10:58:27

Highest Band Edge / Full RB

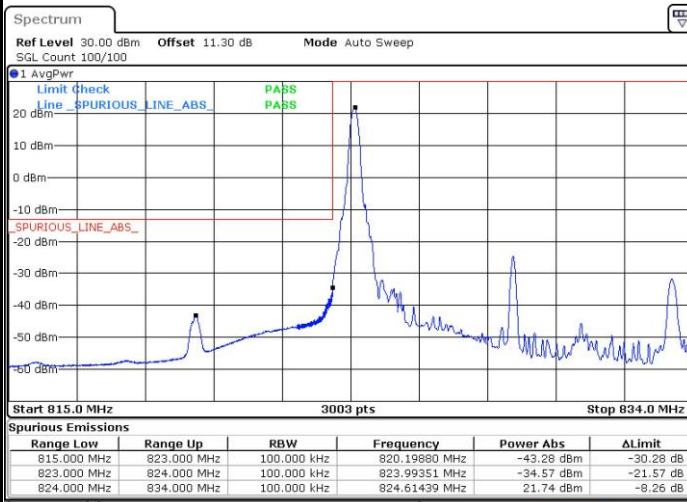


Date: 23 APR 2016 11:11:37



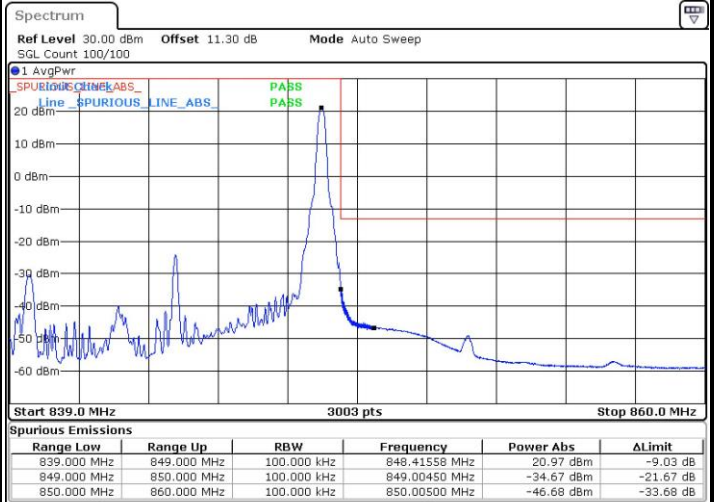
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



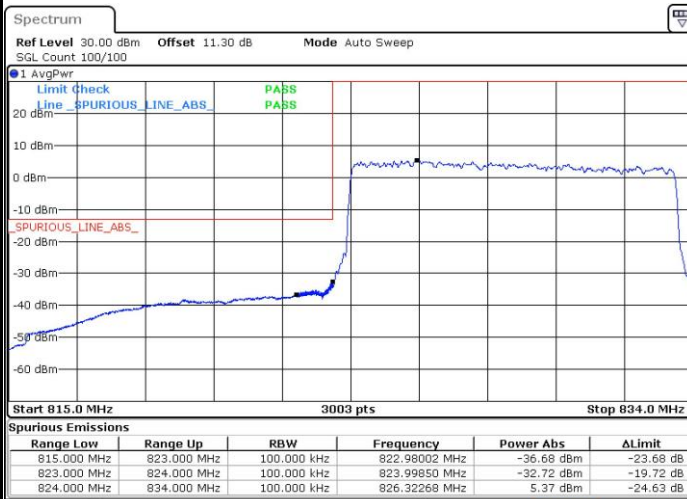
Date: 23 APR 2016 11:16:09

Highest Band Edge / 1 RB



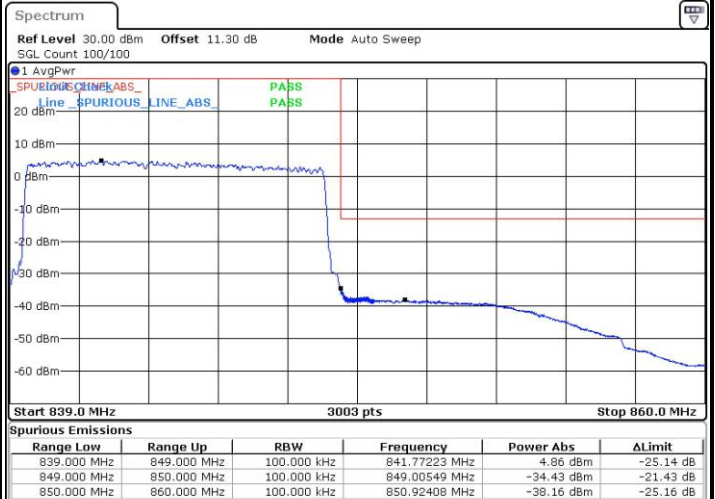
Date: 23 APR 2016 11:29:19

Lowest Band Edge / Full RB



Date: 23 APR 2016 11:20:14

Highest Band Edge / Full RB

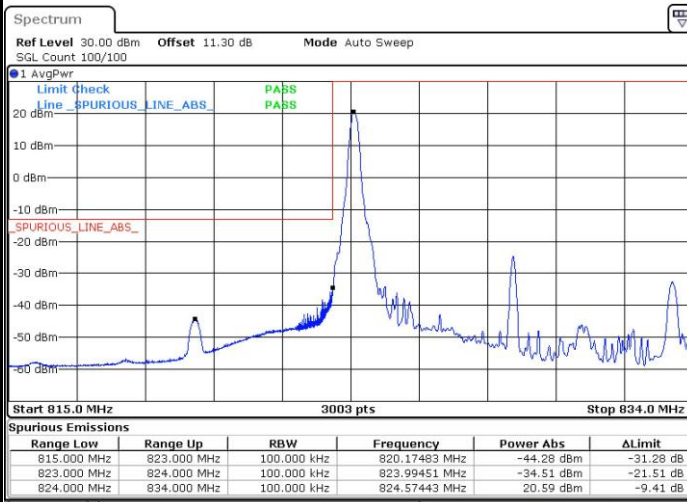


Date: 23 APR 2016 11:33:24



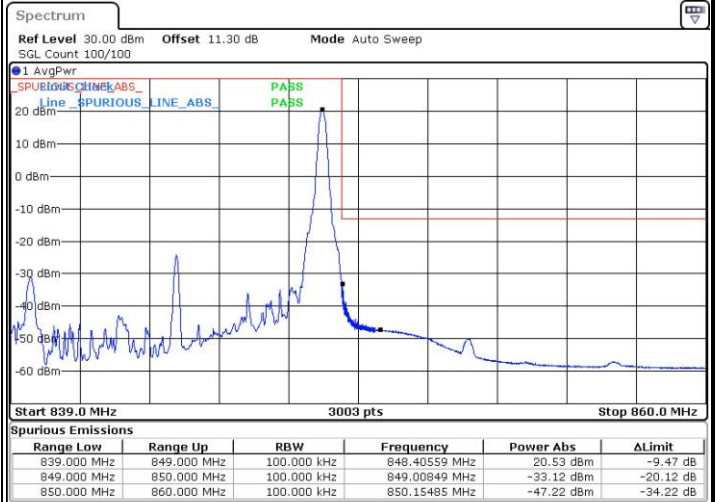
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



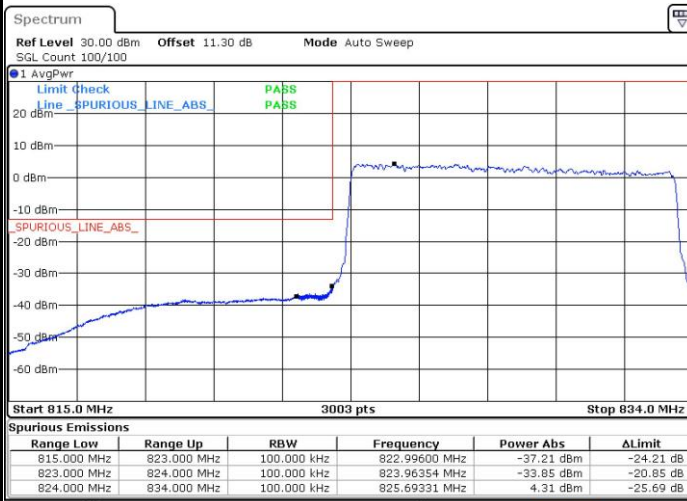
Date: 23 APR 2016 11:18:11

Highest Band Edge / 1 RB



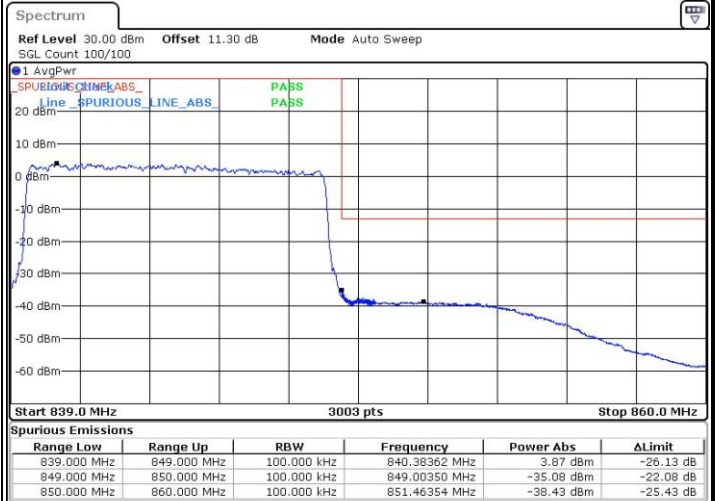
Date: 23 APR 2016 11:31:22

Lowest Band Edge / Full RB



Date: 23 APR 2016 11:22:16

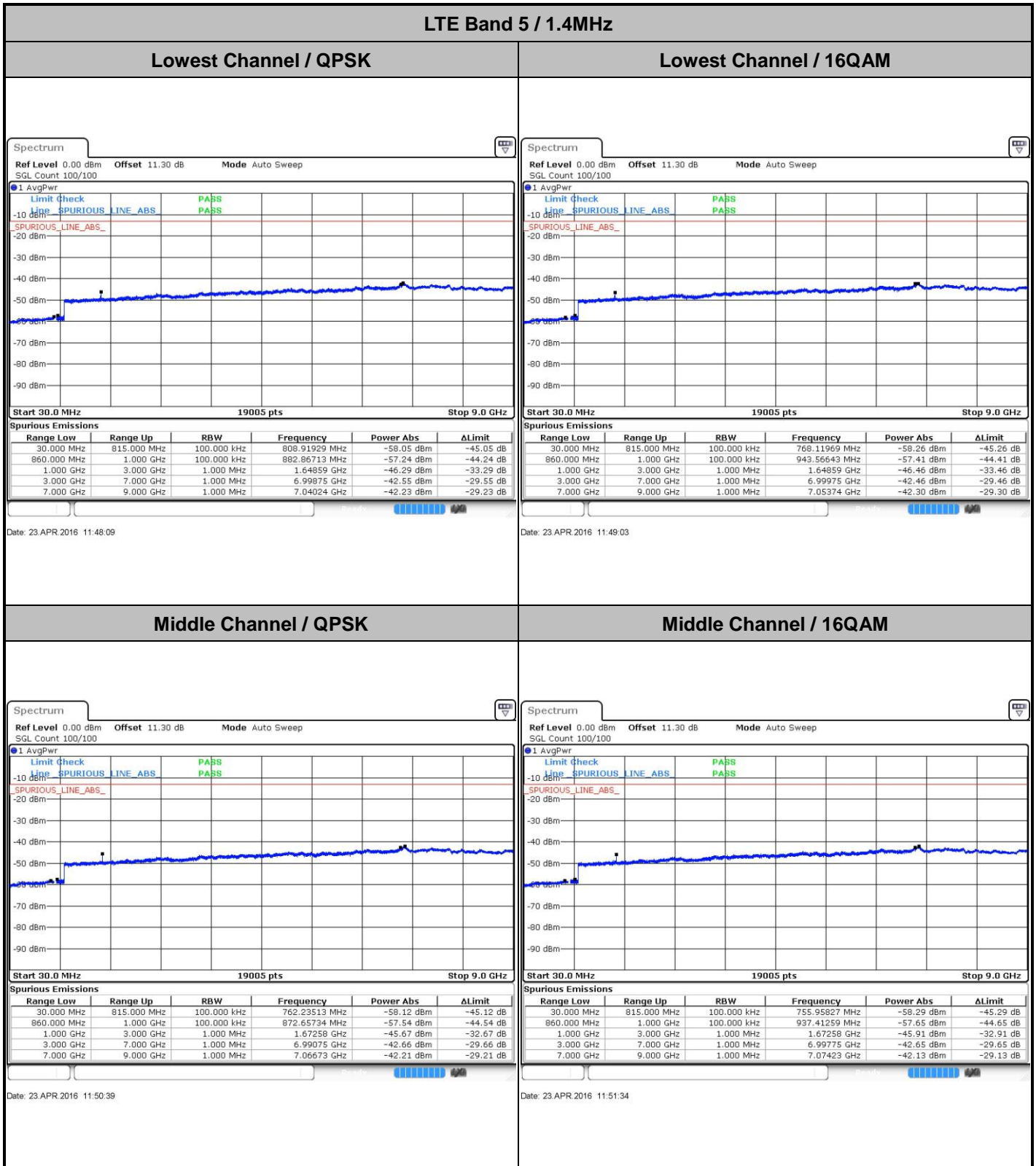
Highest Band Edge / Full RB



Date: 23 APR 2016 11:35:26



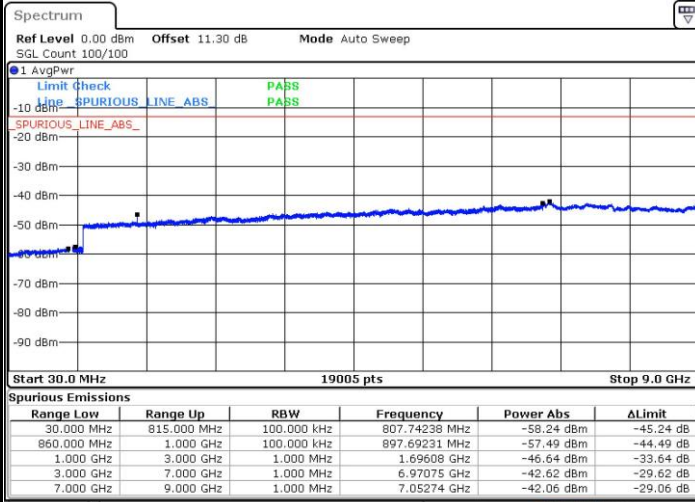
# Conducted Spurious Emission





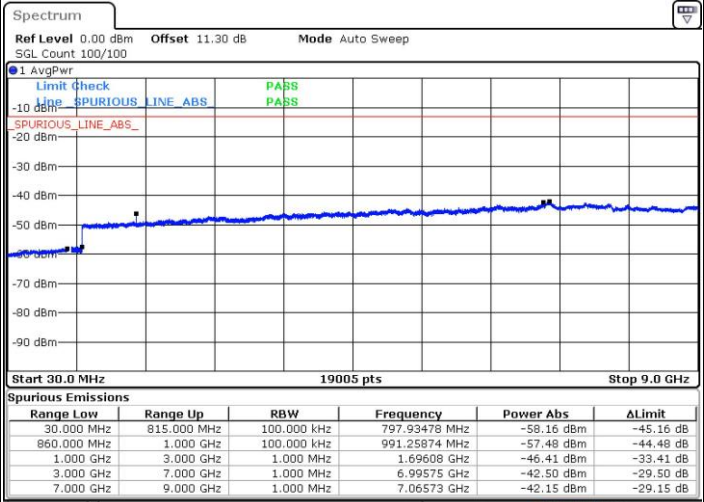
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 23 APR 2016 12:01:19

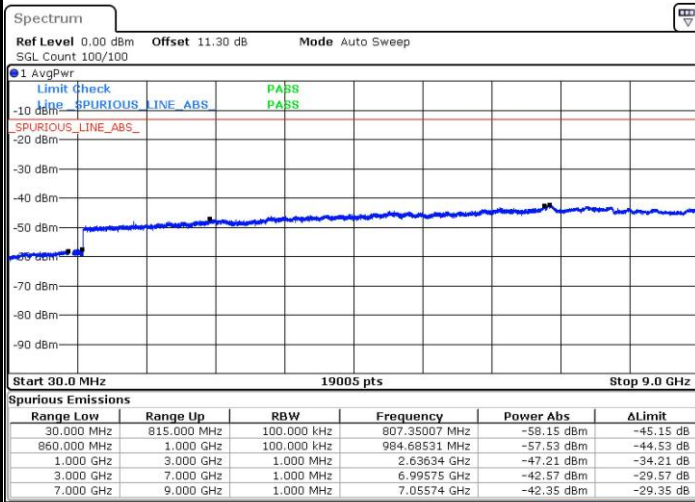
Highest Channel / 16QAM



Date: 23 APR 2016 12:02:13

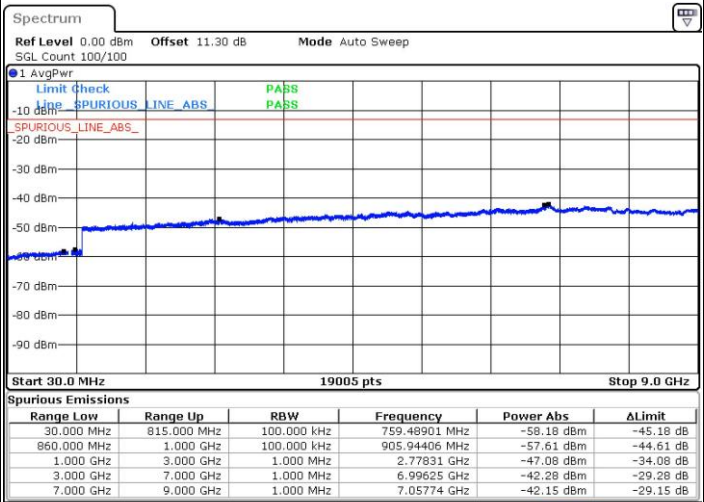
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 23 APR 2016 10:35:30

Lowest Channel / 16QAM



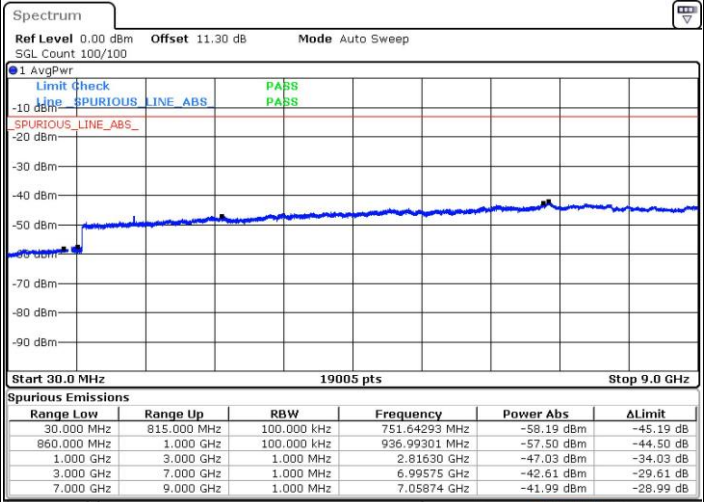
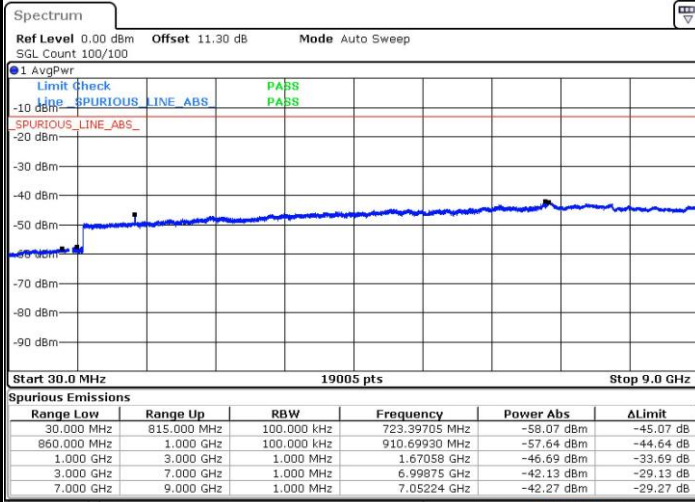
Date: 23 APR 2016 10:36:25



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

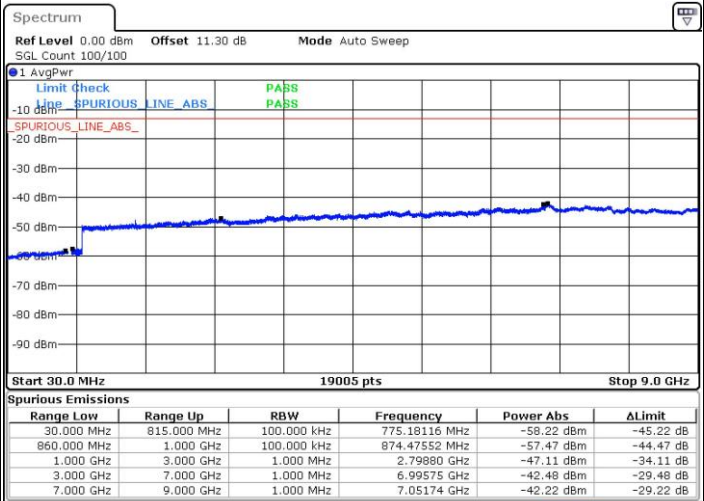
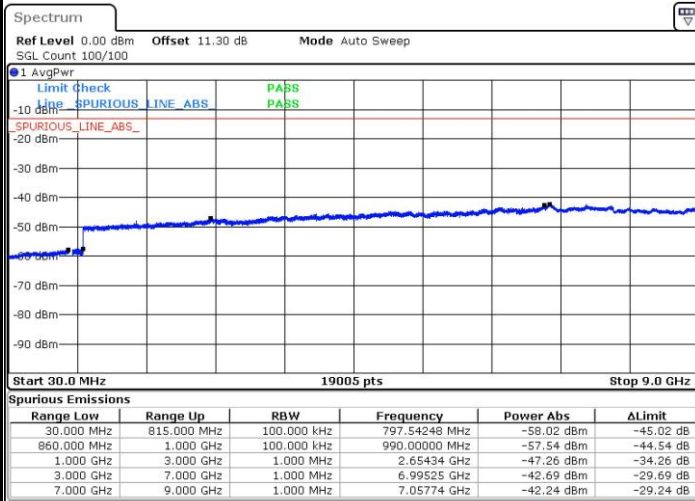


Date: 23 APR 2016 10:38:01

Date: 23 APR 2016 10:38:56

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 APR 2016 10:48:42

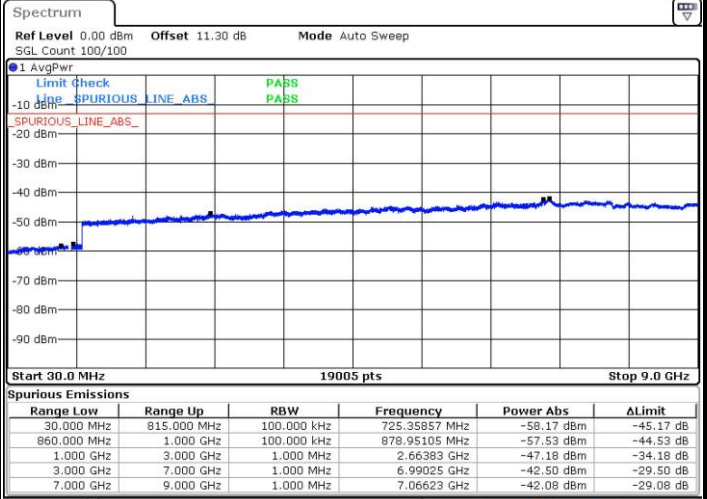
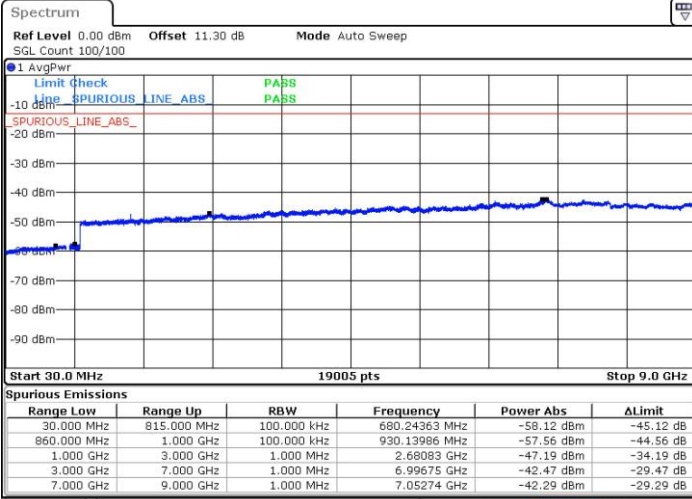
Date: 23 APR 2016 10:49:36



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

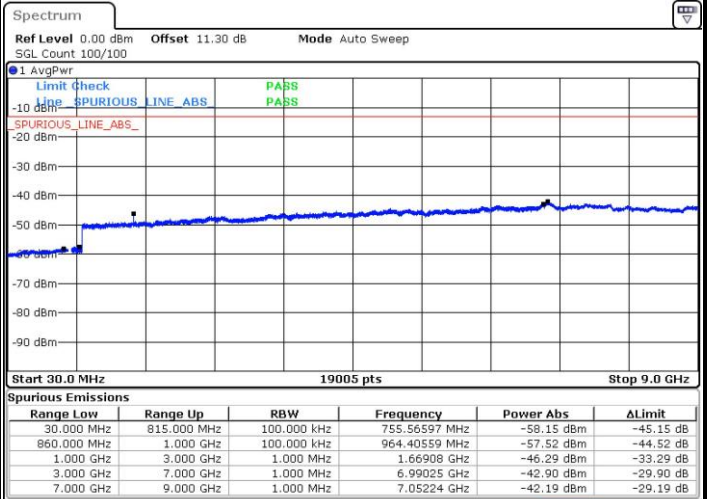
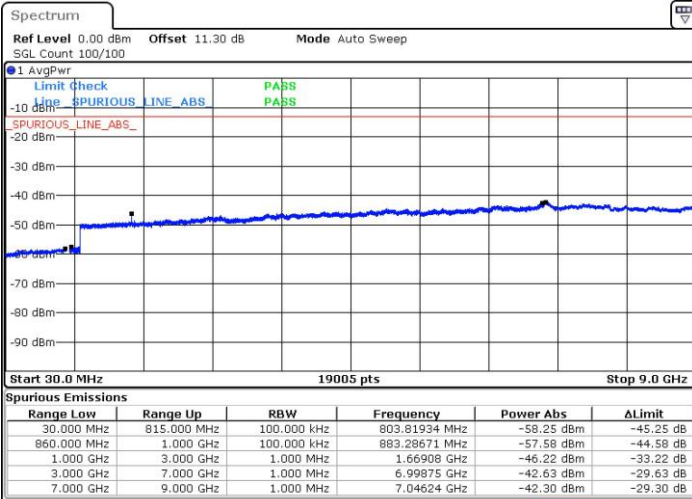


Date: 23 APR 2016 10:59:22

Date: 23 APR 2016 11:00:16

Middle Channel / QPSK

Middle Channel / 16QAM



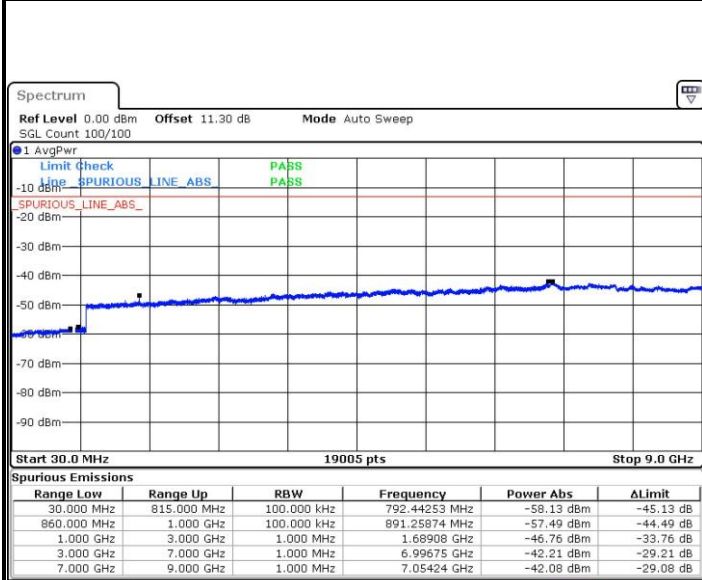
Date: 23 APR 2016 11:01:52

Date: 23 APR 2016 11:02:46



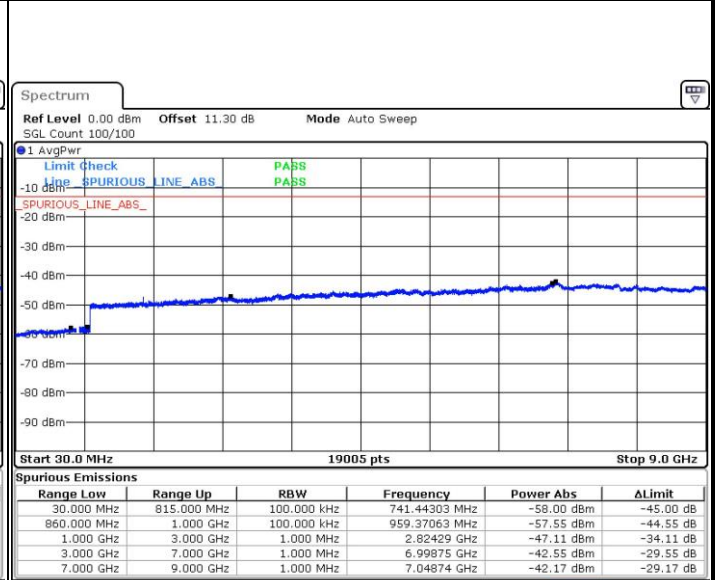
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 23 APR 2016 11:12:31

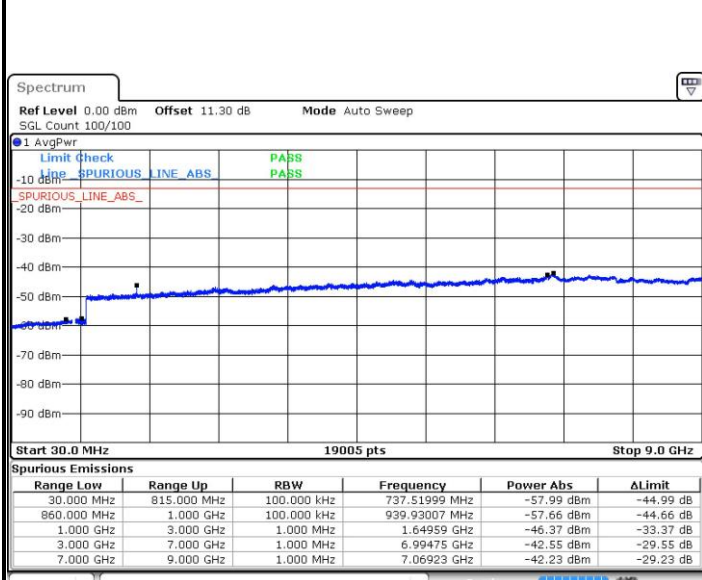
Highest Channel / 16QAM



Date: 23 APR 2016 11:13:26

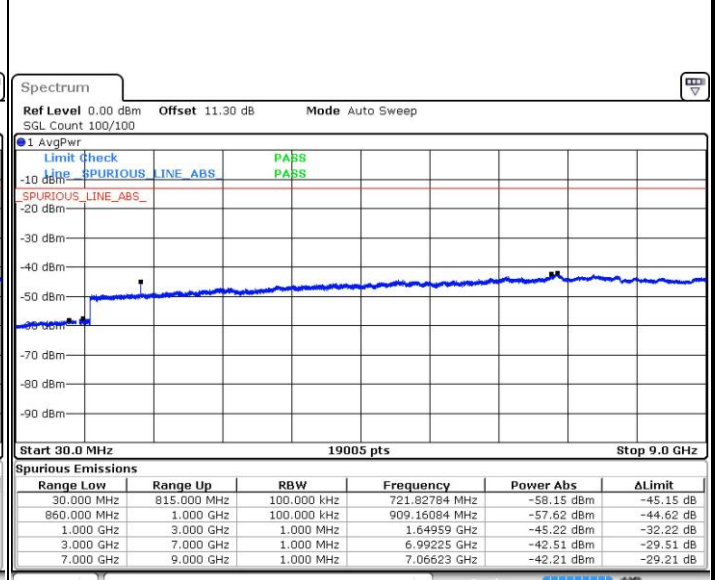
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 23 APR 2016 11:23:11

Lowest Channel / 16QAM

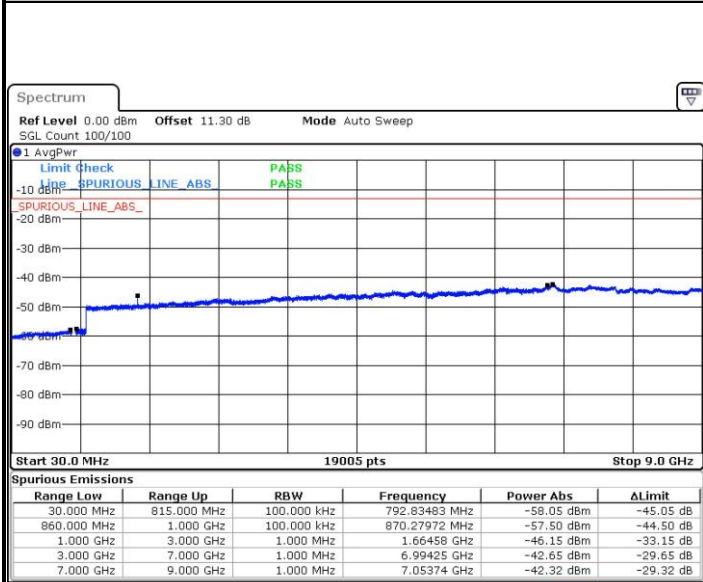


Date: 23 APR 2016 11:24:05



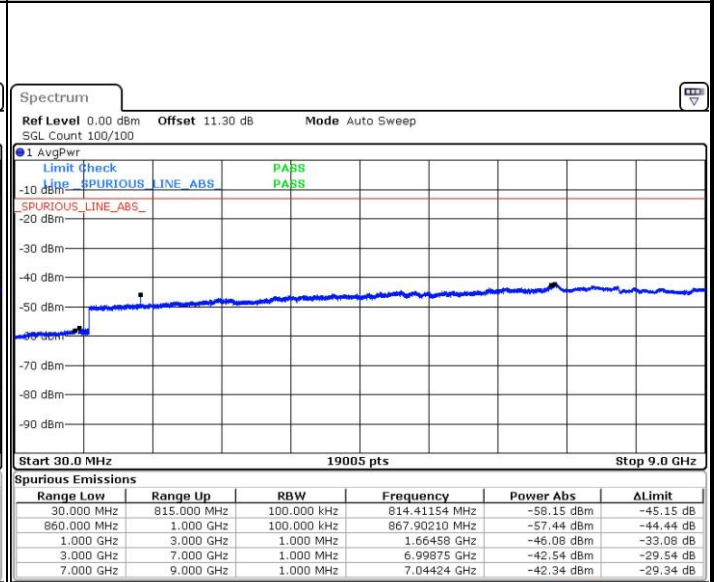
LTE Band 5 / 10MHz

Middle Channel / QPSK



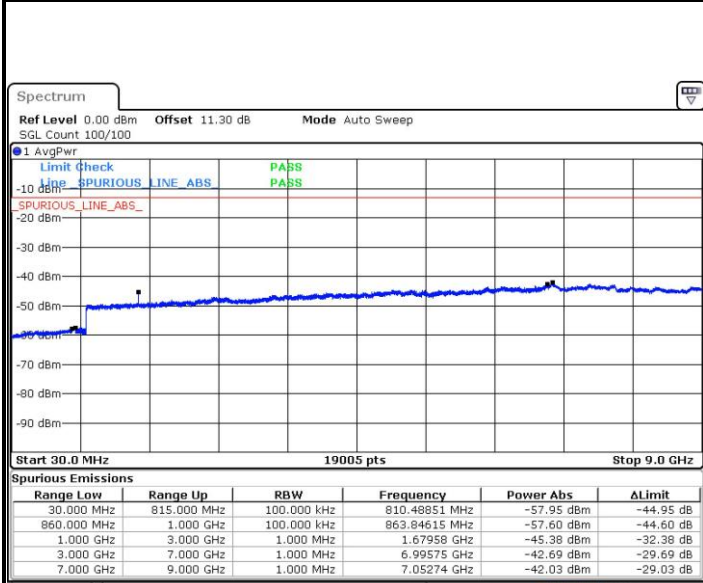
Date: 23 APR 2016 11:25:41

Middle Channel / 16QAM



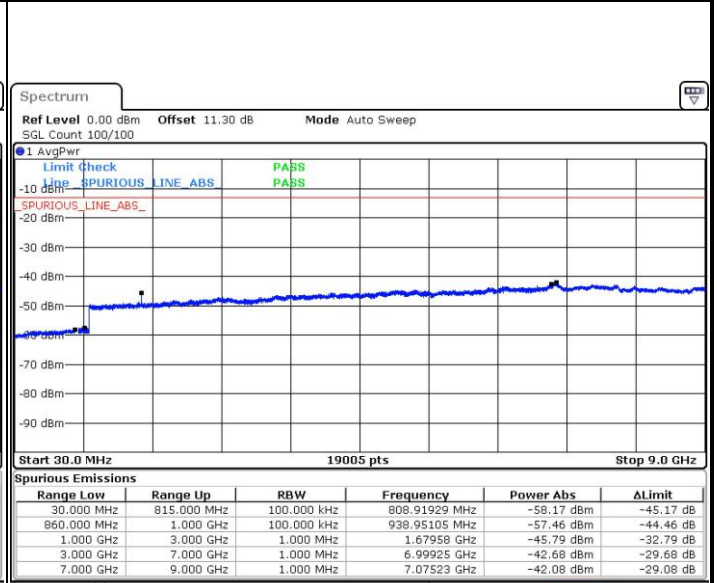
Date: 23 APR 2016 11:26:36

Highest Channel / QPSK



Date: 23 APR 2016 11:36:21

Highest Channel / 16QAM



Date: 23 APR 2016 11:37:15



**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	0.0092	PASS
40	Normal Voltage	0.0050	
30	Normal Voltage	0.0062	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0061	
0	Normal Voltage	0.0078	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0074	
20	Maximum Voltage	0.0050	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0071	

**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 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	4.35	4.96	5.07	5.86	<b>PASS</b>
Middle CH	4.14	4.78	4.75	5.65	
Highest CH	4.2	4.99	5.13	5.94	



LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 23 APR 2016 10:16:30

Lowest Channel / Full RB



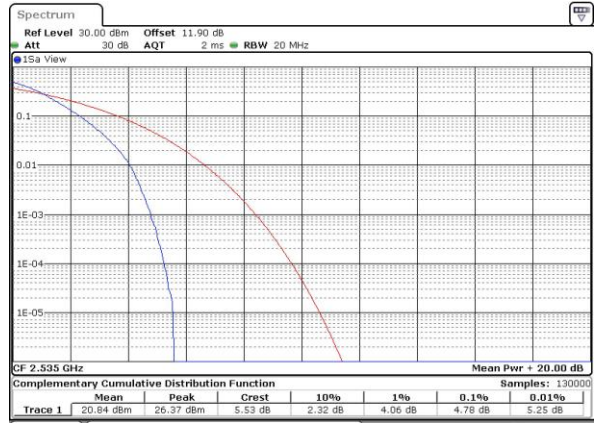
Date: 23 APR 2016 10:16:41

Middle Channel / 1RB



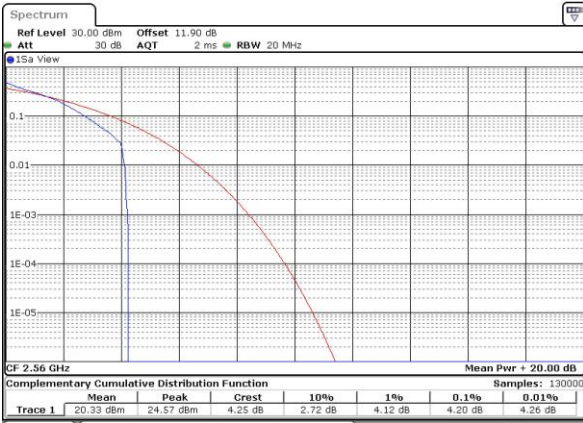
Date: 23 APR 2016 10:16:53

Middle Channel / Full RB



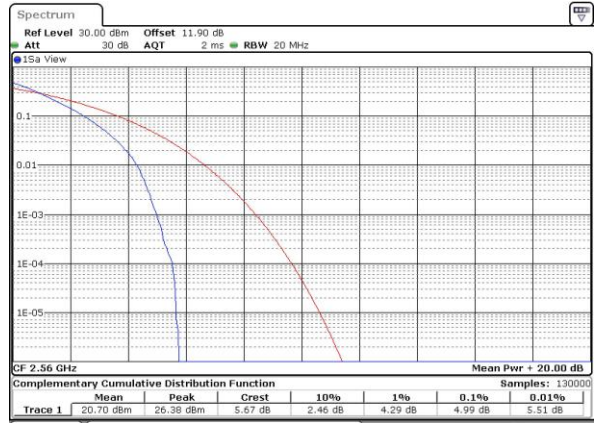
Date: 23 APR 2016 10:17:03

Highest Channel / 1RB



Date: 23 APR 2016 10:21:30

Highest Channel / Full RB



Date: 23 APR 2016 10:21:42



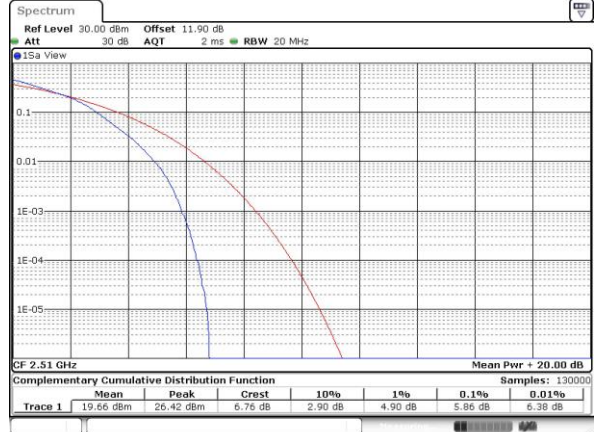
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



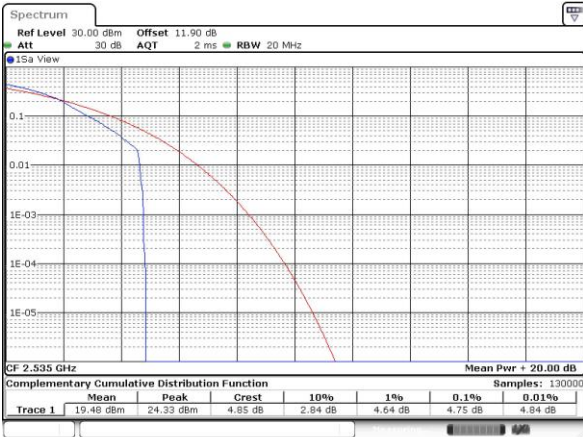
Date: 23 APR 2016 10:15:19

Lowest Channel / Full RB



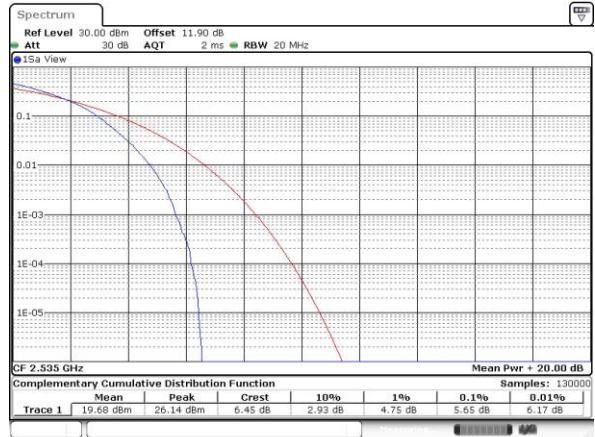
Date: 23 APR 2016 10:15:31

Middle Channel / 1RB



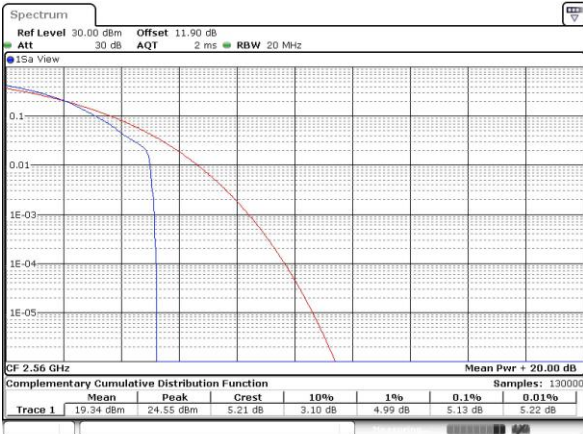
Date: 23 APR 2016 10:15:42

Middle Channel / Full RB



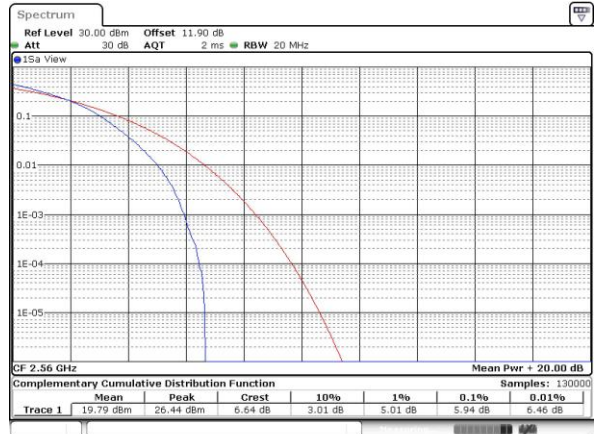
Date: 23 APR 2016 10:15:52

Highest Channel / 1RB



Date: 23 APR 2016 10:16:04

Highest Channel / Full RB



Date: 23 APR 2016 10:16:15



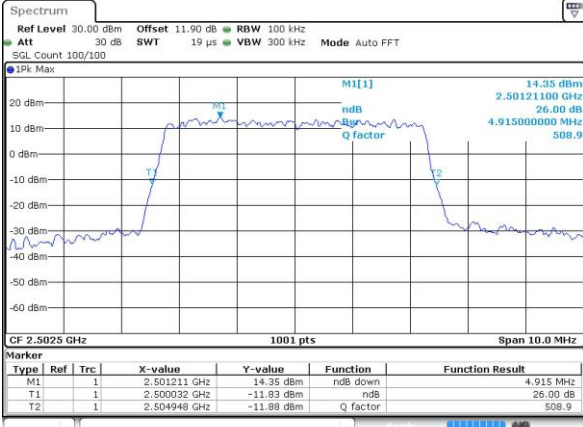
**26dB Bandwidth**

Mode	LTE Band 7 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.92	4.96	9.73	9.89	14.51	14.27	20.22	20.18
Middle CH	-	-	-	-	4.91	4.93	9.67	9.79	14.33	14.39	20.10	20.22
Highest CH	-	-	-	-	4.91	4.90	9.71	9.87	14.27	14.63	20.26	20.06



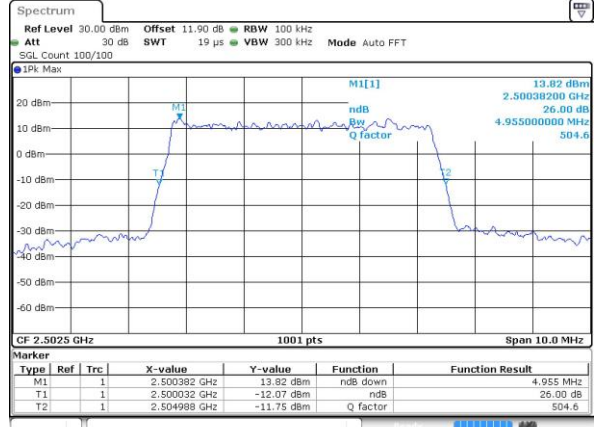
LTE Band 7

Lowest Channel / 5MHz / QPSK



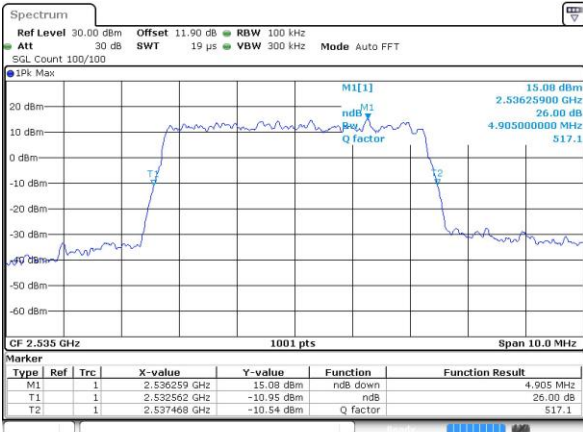
Date: 23 APR 2016 08:36:19

Lowest Channel / 5MHz / 16QAM



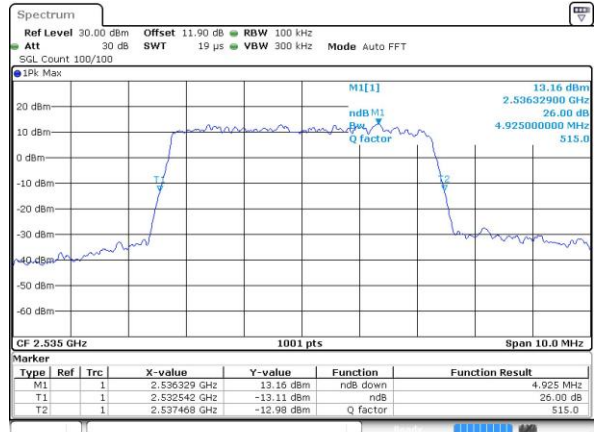
Date: 23 APR 2016 08:36:29

Middle Channel / 5MHz / QPSK



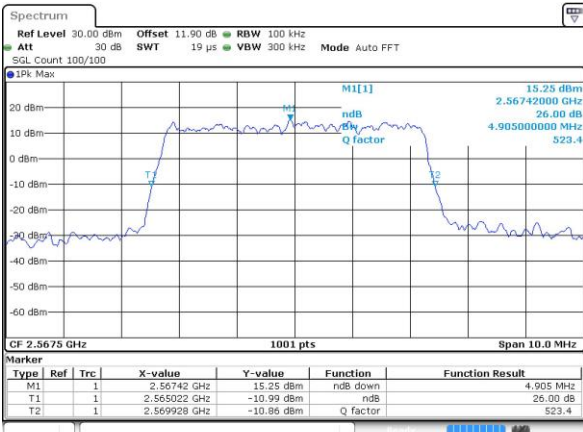
Date: 23 APR 2016 08:43:28

Middle Channel / 5MHz / 16QAM



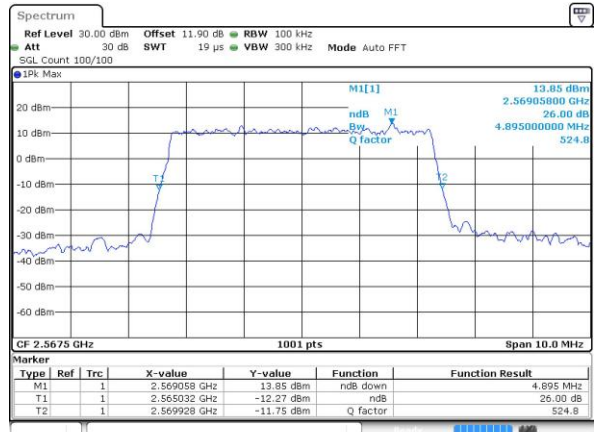
Date: 23 APR 2016 08:43:39

Highest Channel / 5MHz / QPSK



Date: 23 APR 2016 08:45:58

Highest Channel / 5MHz / 16QAM

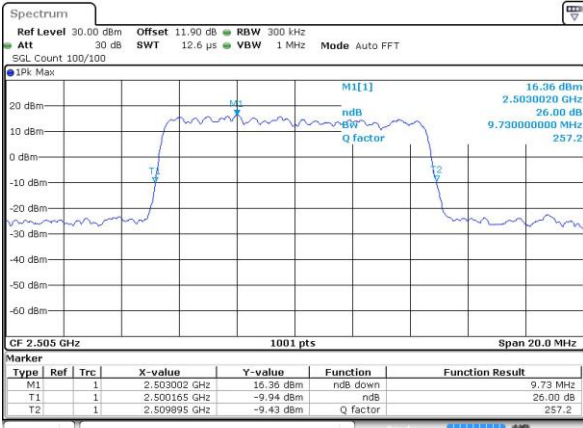


Date: 23 APR 2016 08:46:09



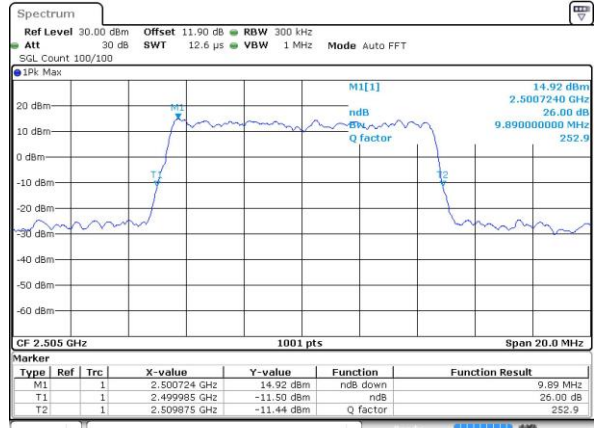
LTE Band 7

Lowest Channel / 10MHz / QPSK



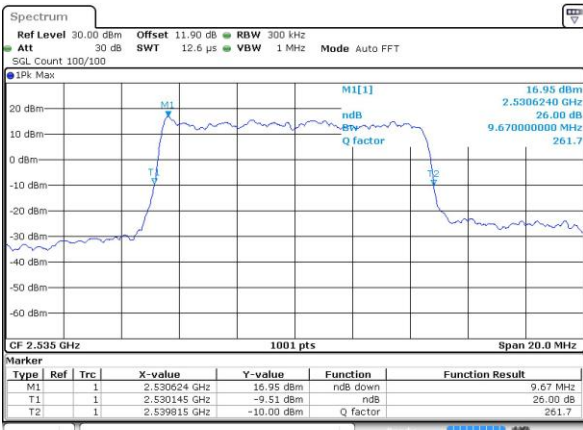
Date: 23 APR 2016 08:53:08

Lowest Channel / 10MHz / 16QAM



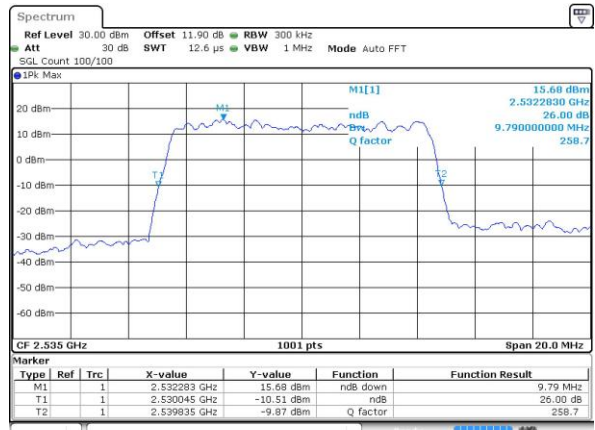
Date: 23 APR 2016 08:53:19

Middle Channel / 10MHz / QPSK



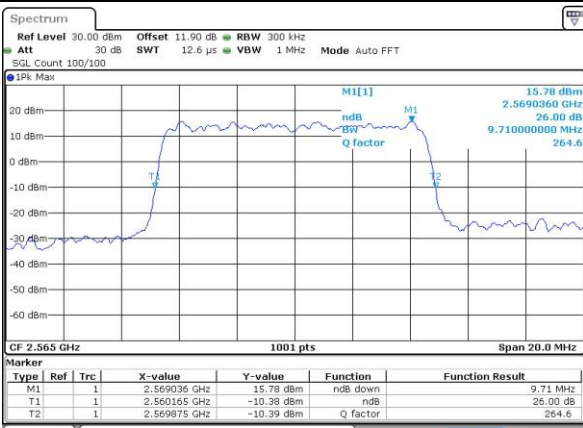
Date: 23 APR 2016 09:00:18

Middle Channel / 10MHz / 16QAM



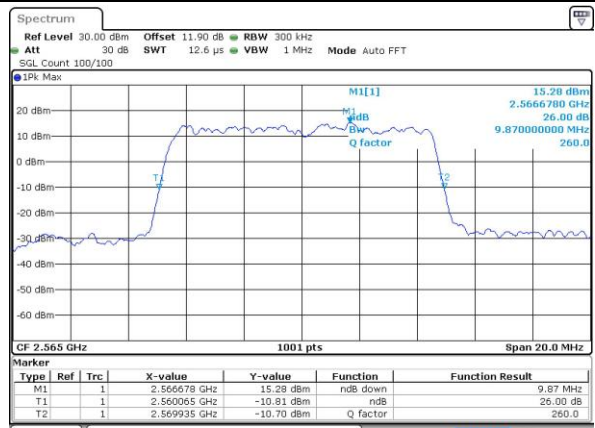
Date: 23 APR 2016 09:00:28

Highest Channel / 10MHz / QPSK



Date: 23 APR 2016 09:02:47

Highest Channel / 10MHz / 16QAM

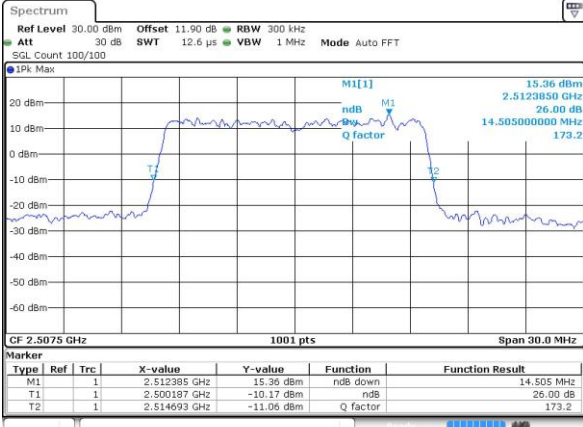


Date: 23 APR 2016 09:02:58



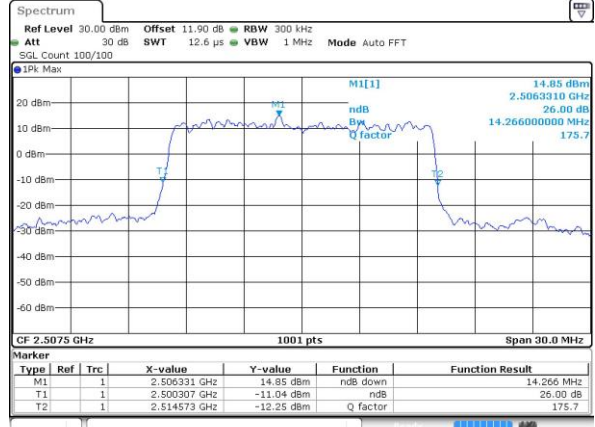
LTE Band 7

Lowest Channel / 15MHz / QPSK



Date: 23 APR 2016 09:09:57

Lowest Channel / 15MHz / 16QAM



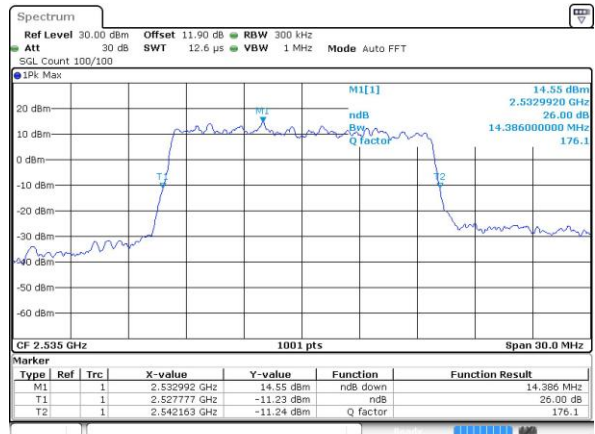
Date: 23 APR 2016 09:10:07

Middle Channel / 15MHz / QPSK



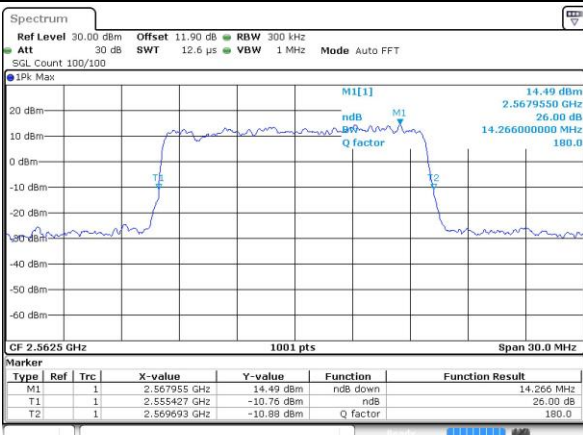
Date: 23 APR 2016 09:17:06

Middle Channel / 15MHz / 16QAM



Date: 23 APR 2016 09:17:16

Highest Channel / 15MHz / QPSK



Date: 23 APR 2016 09:19:36

Highest Channel / 15MHz / 16QAM



Date: 23 APR 2016 09:19:46