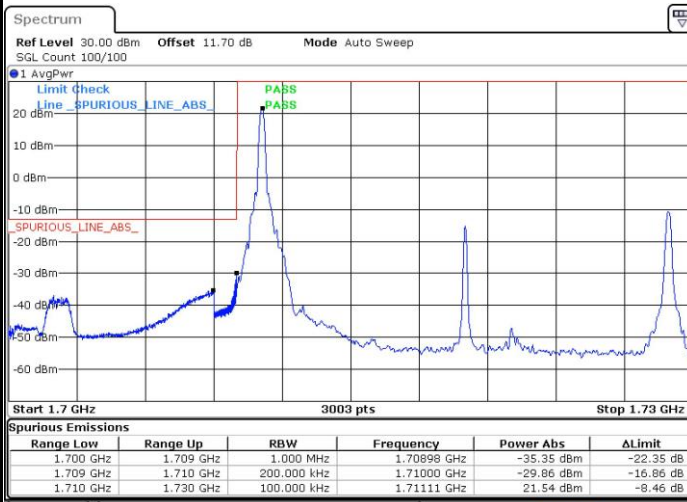




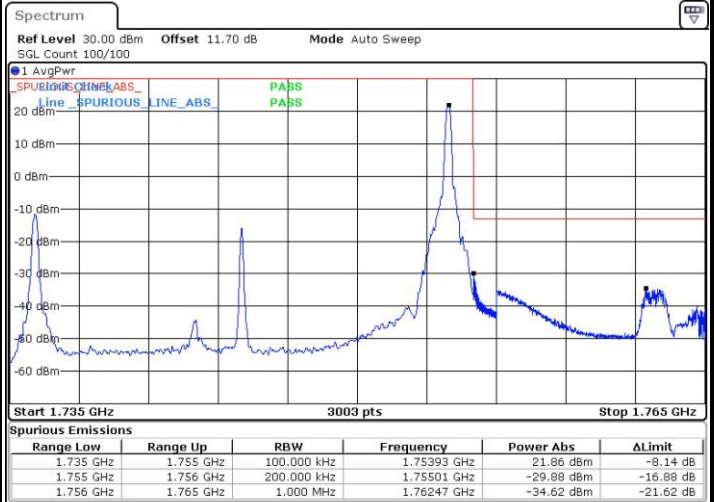
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



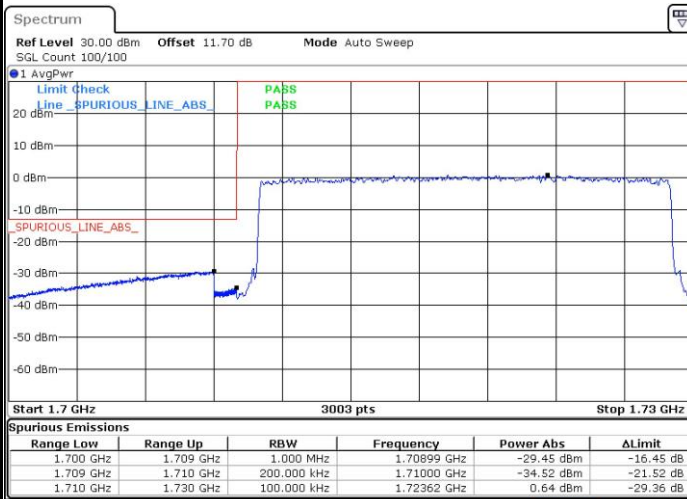
Date: 8 FEB 2016 11:21:41

Highest Band Edge / 1 RB



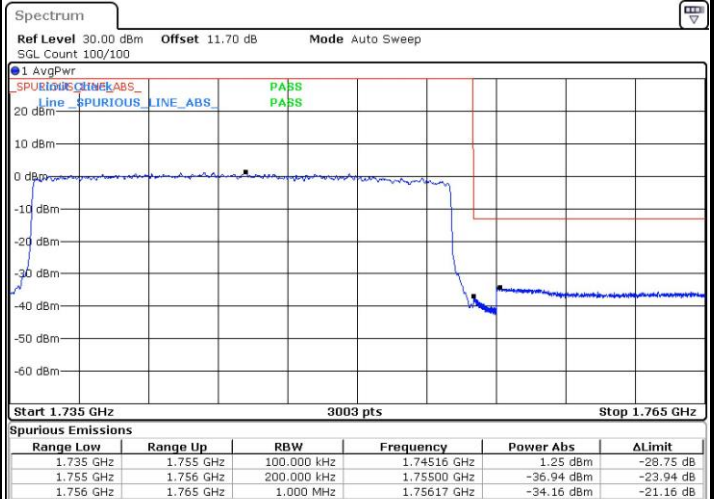
Date: 8 FEB 2016 11:31:21

Lowest Band Edge / Full RB



Date: 8 FEB 2016 11:24:00

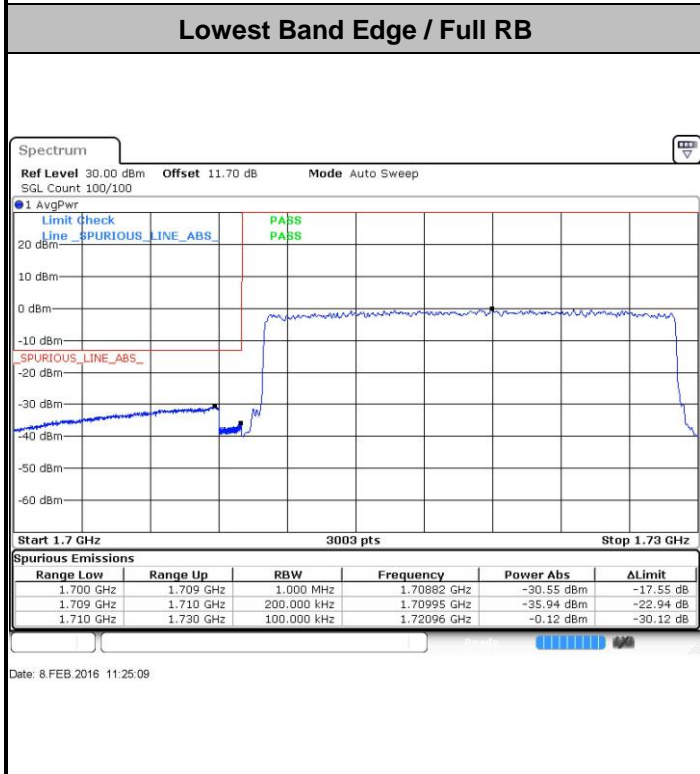
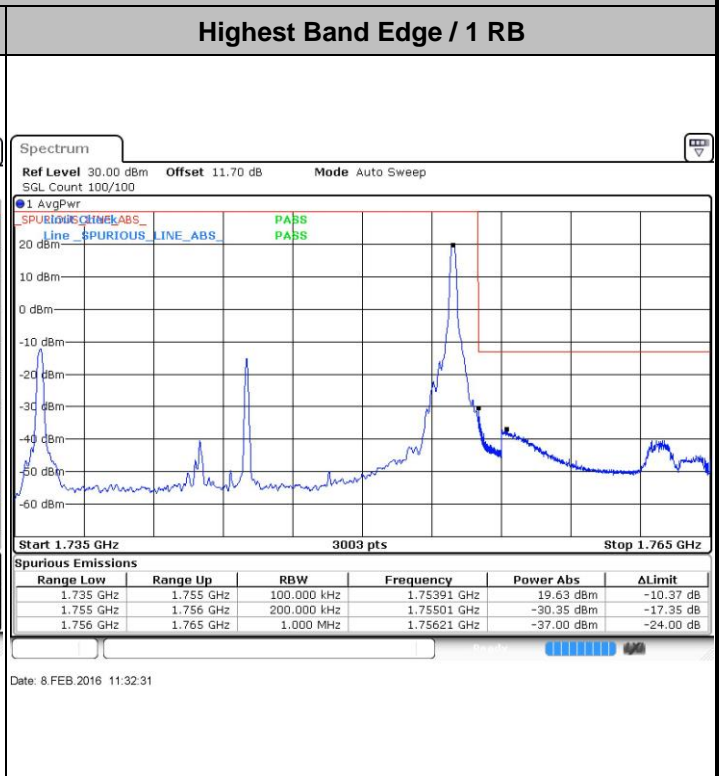
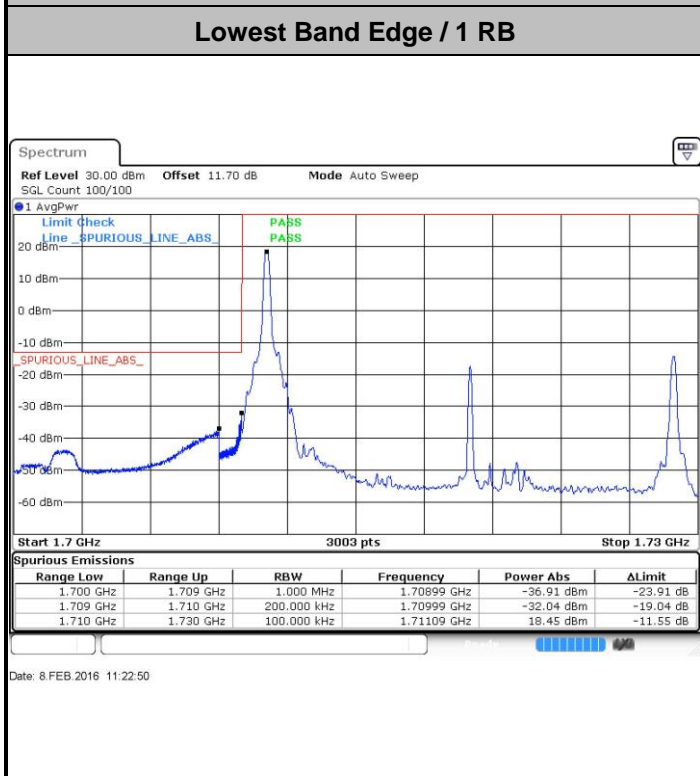
Highest Band Edge / Full RB



Date: 8 FEB 2016 11:33:40



LTE Band 4 / 20MHz / 16QAM





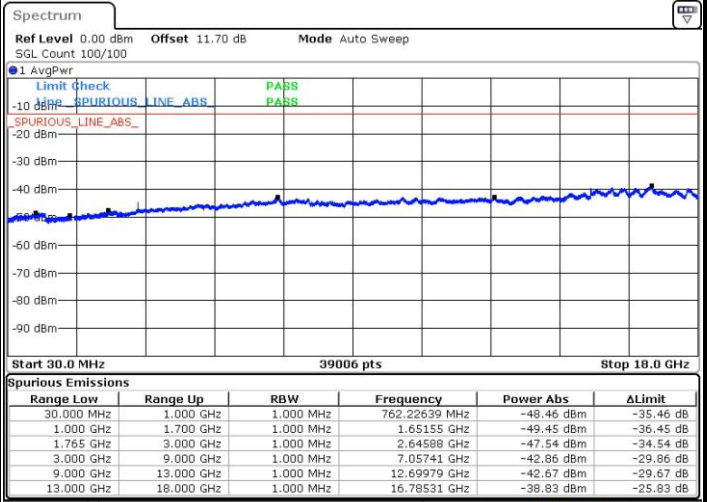
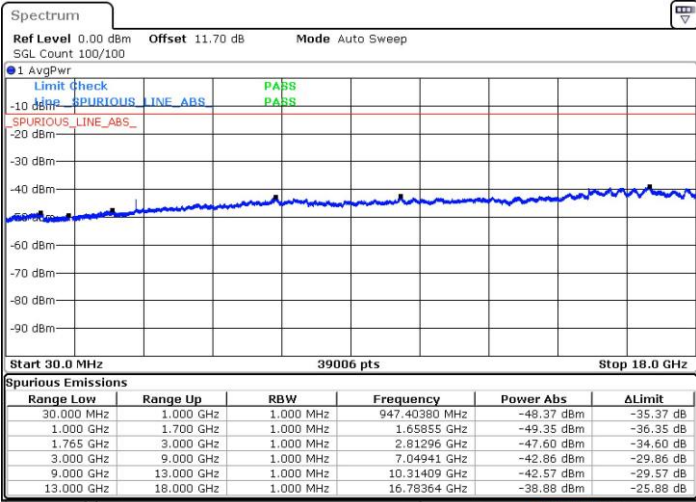
Conducted Spurious Emission



LTE Band 4 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

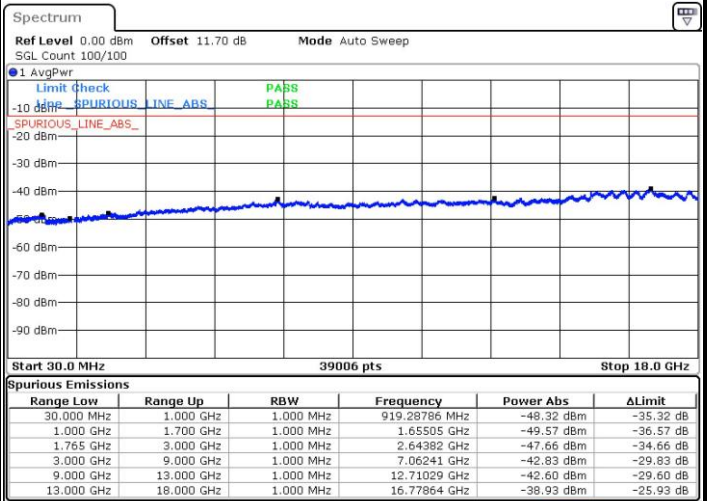
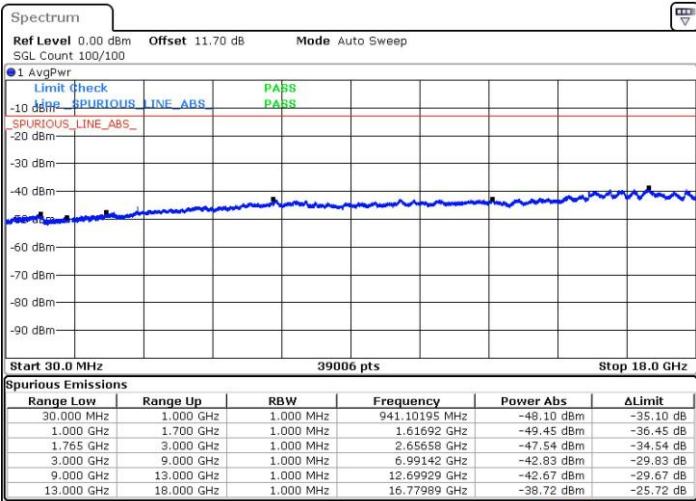


Date: 8 FEB 2016 11:42:53

Date: 8 FEB 2016 11:43:48

Middle Channel / QPSK

Middle Channel / 16QAM



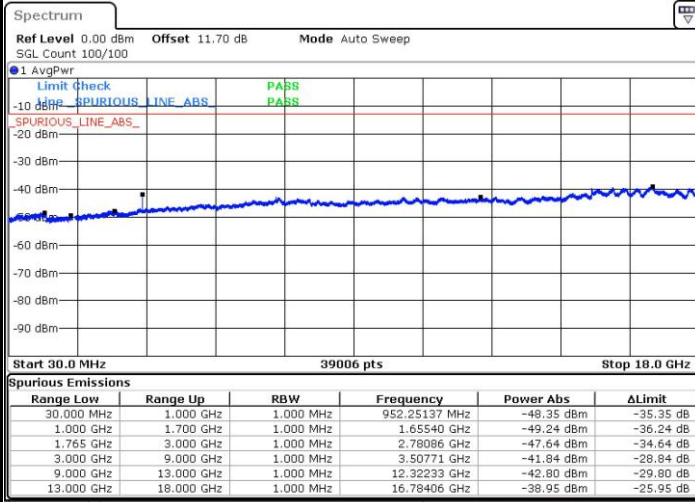
Date: 8 FEB 2016 11:45:25

Date: 8 FEB 2016 11:46:20



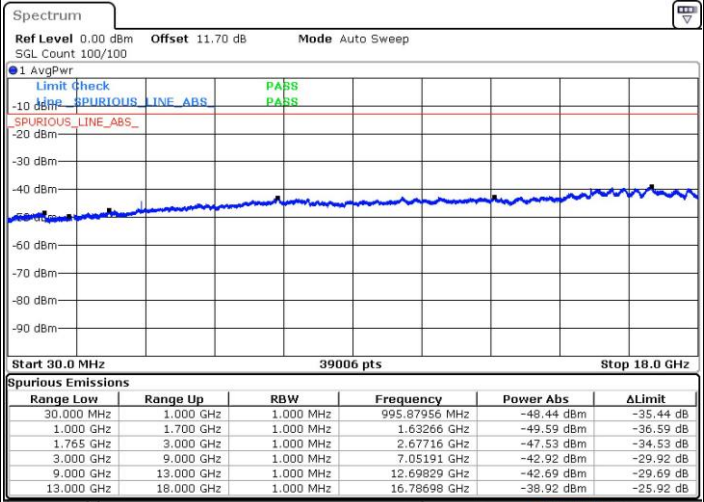
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 8 FEB 2016 11:52:34

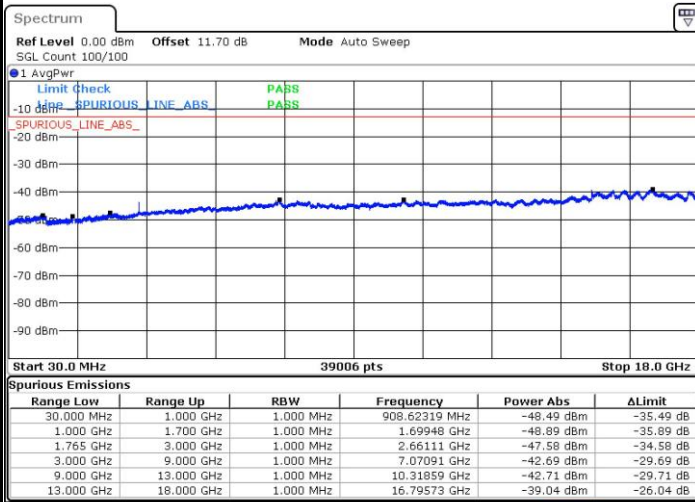
Highest Channel / 16QAM



Date: 8 FEB 2016 11:53:29

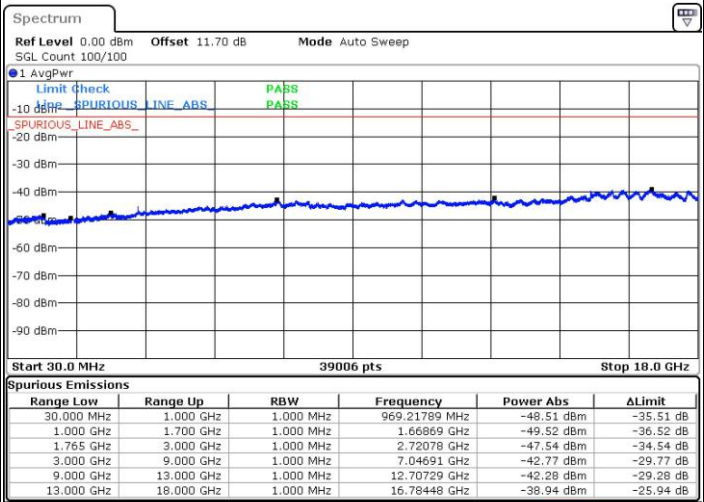
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 8 FEB 2016 10:16:30

Lowest Channel / 16QAM

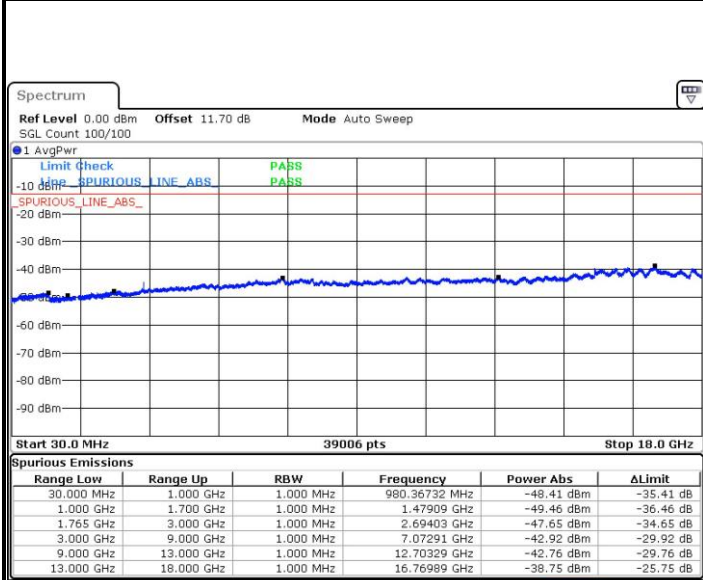


Date: 8 FEB 2016 10:17:25



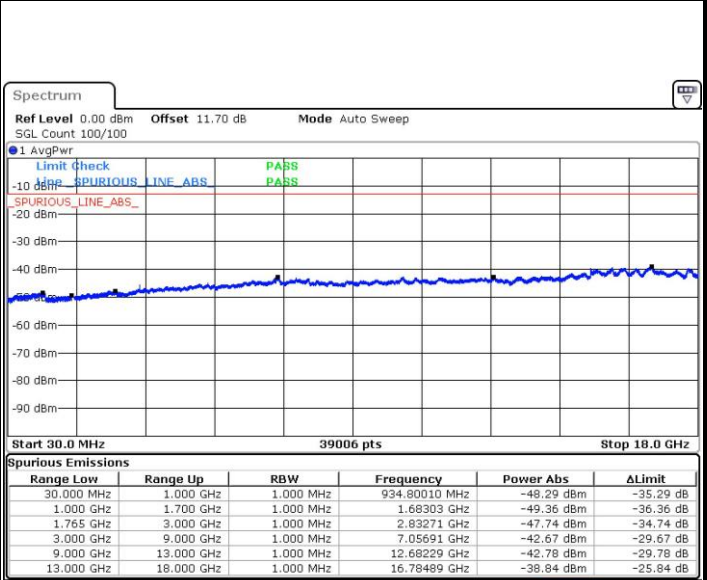
LTE Band 4 / 3MHz

Middle Channel / QPSK



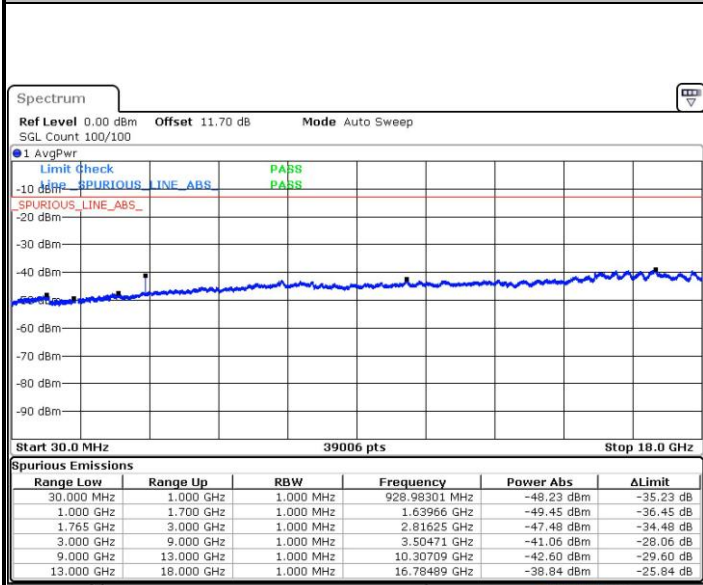
Date: 8 FEB 2016 10:19:02

Middle Channel / 16QAM



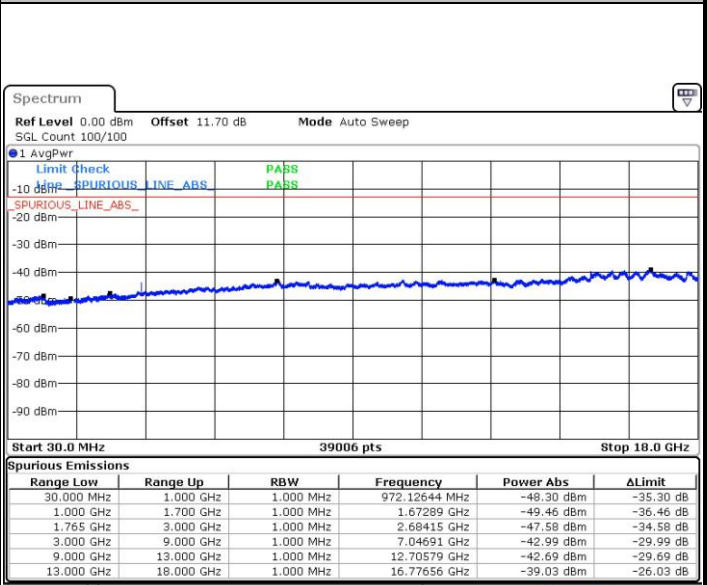
Date: 8 FEB 2016 10:19:57

Highest Channel / QPSK



Date: 8 FEB 2016 10:26:11

Highest Channel / 16QAM



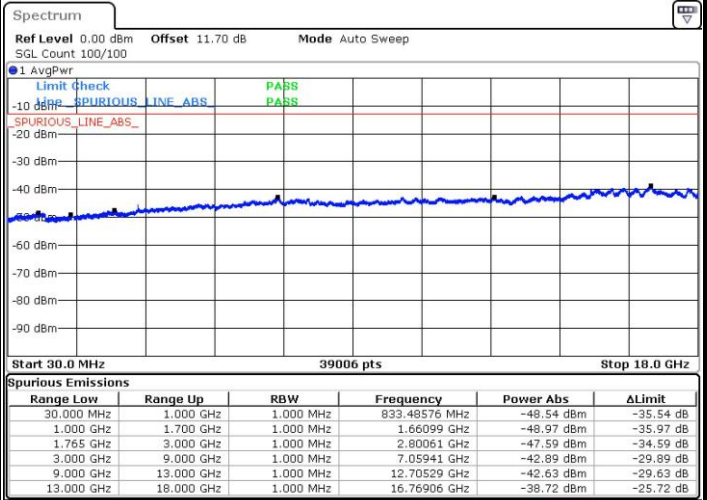
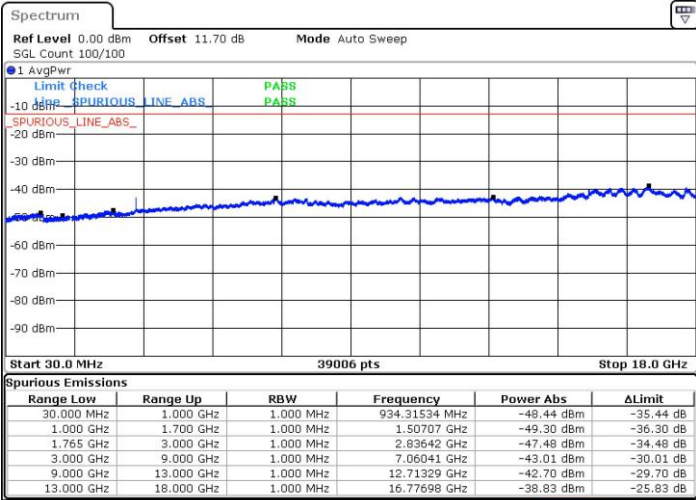
Date: 8 FEB 2016 10:27:06



LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

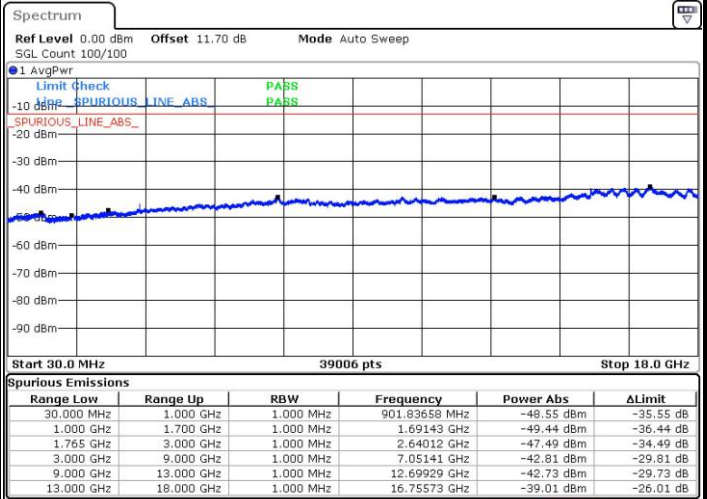
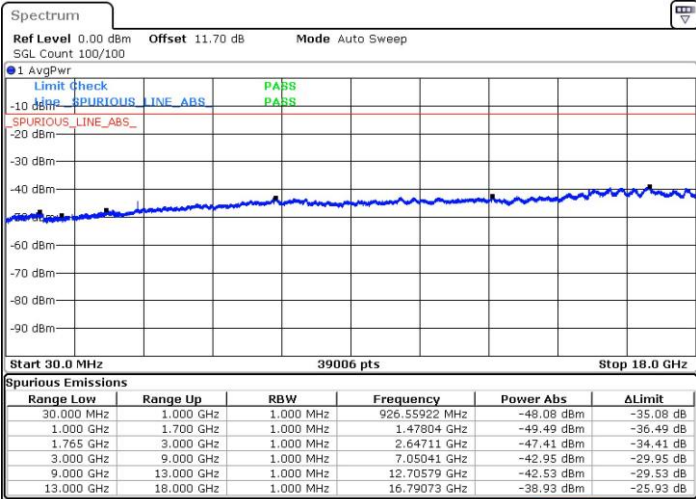


Date: 8 FEB 2016 10:33:20

Date: 8 FEB 2016 10:34:15

Middle Channel / QPSK

Middle Channel / 16QAM



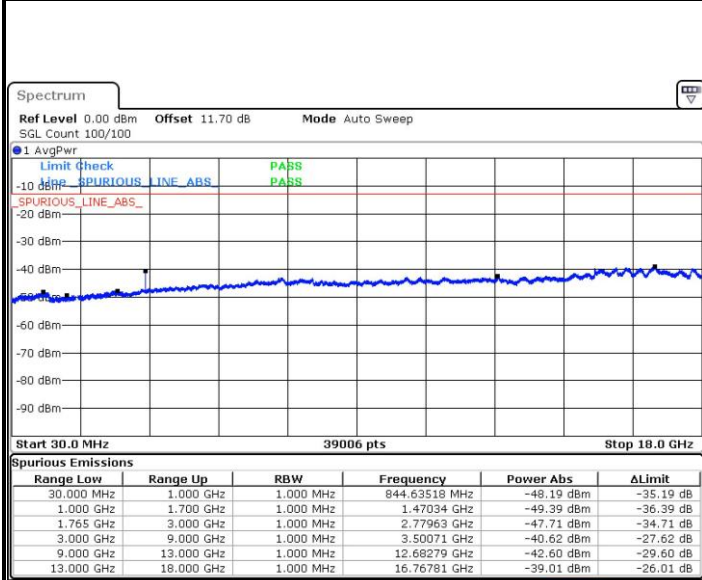
Date: 8 FEB 2016 10:35:52

Date: 8 FEB 2016 10:36:46



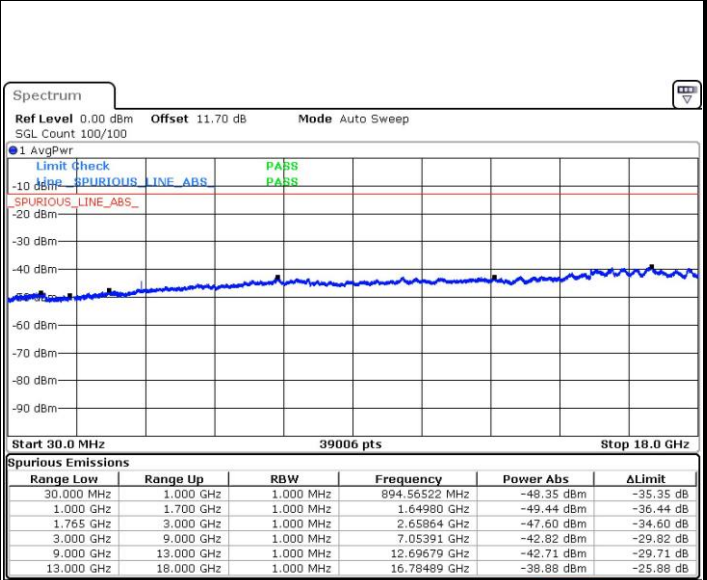
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 8 FEB 2016 10:43:01

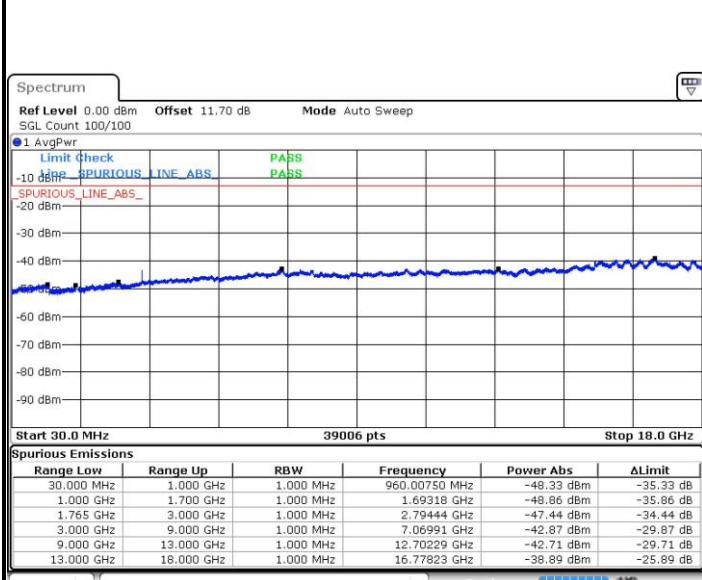
Highest Channel / 16QAM



Date: 8 FEB 2016 10:43:55

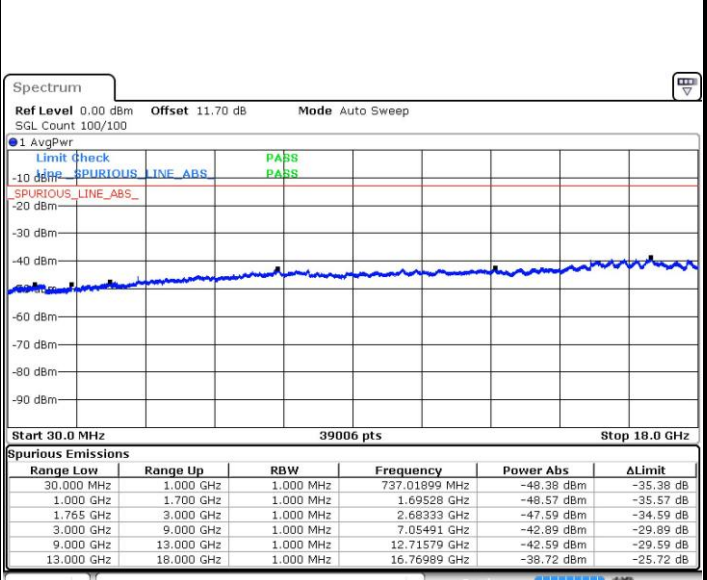
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 8 FEB 2016 10:50:09

Lowest Channel / 16QAM



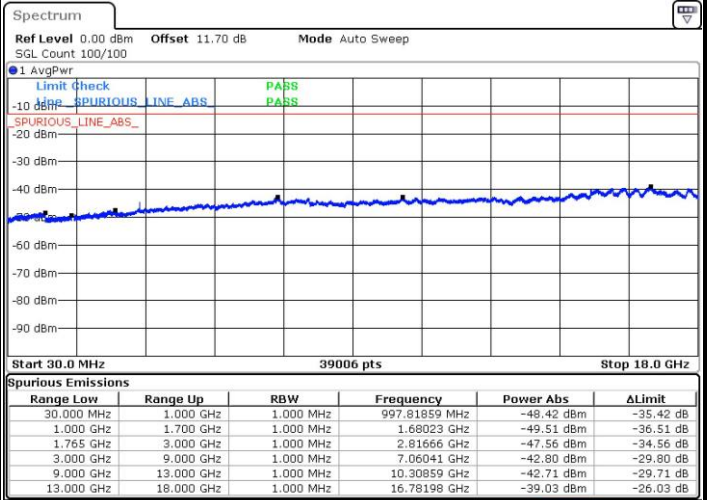
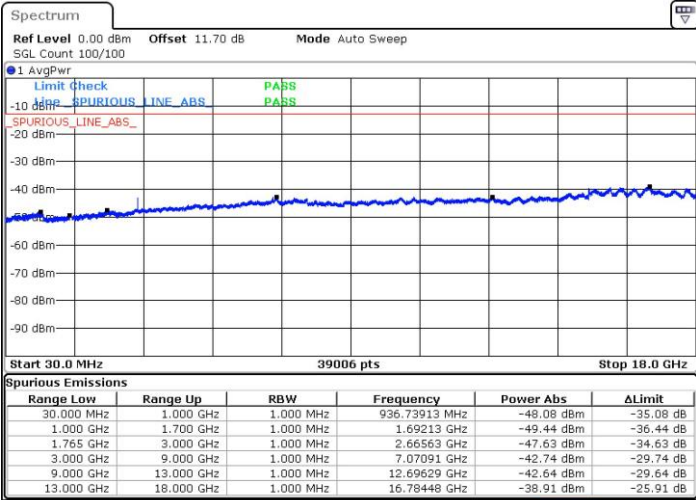
Date: 8 FEB 2016 10:51:04



LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

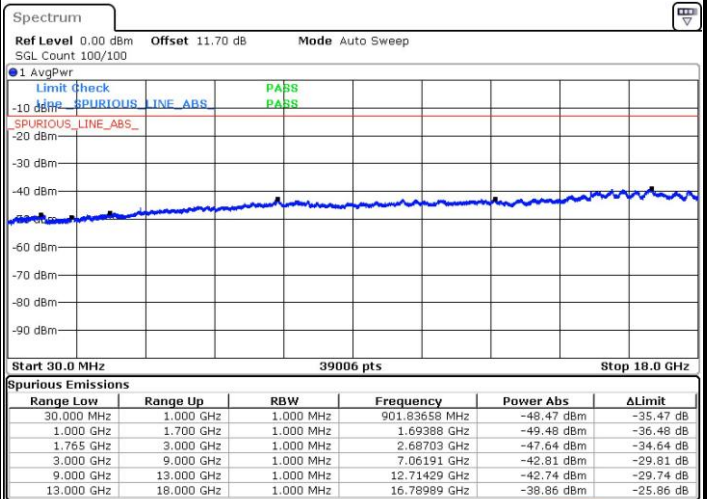
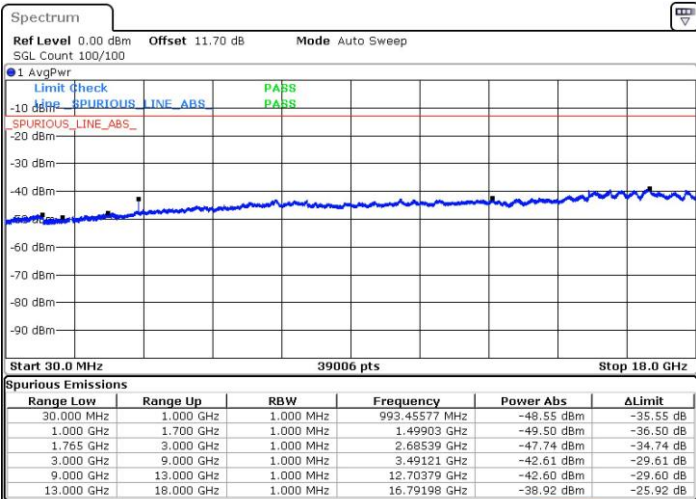


Date: 8 FEB 2016 10:52:41

Date: 8 FEB 2016 10:53:36

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 FEB 2016 10:59:50

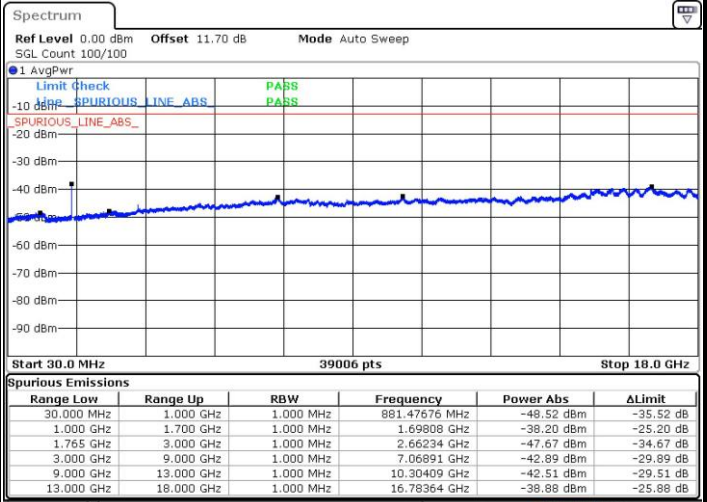
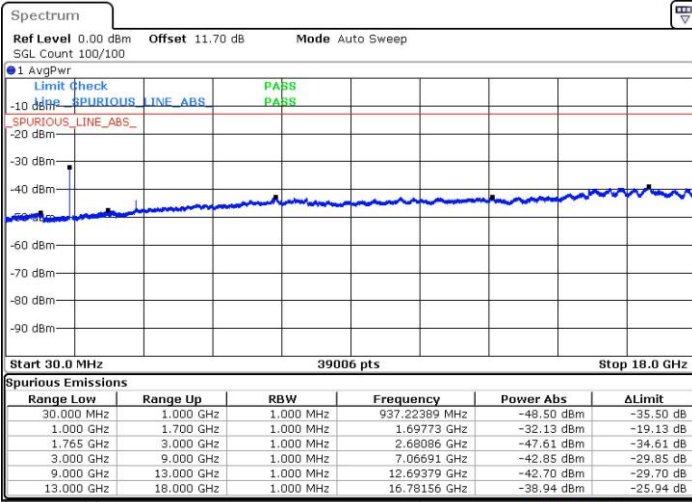
Date: 8 FEB 2016 11:00:45



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

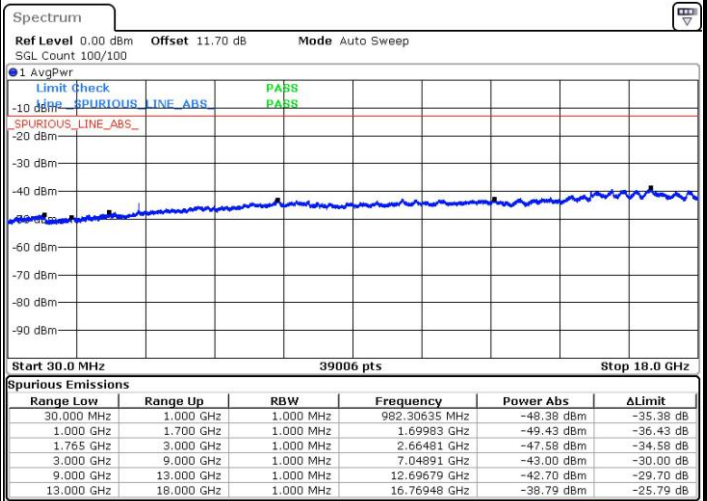
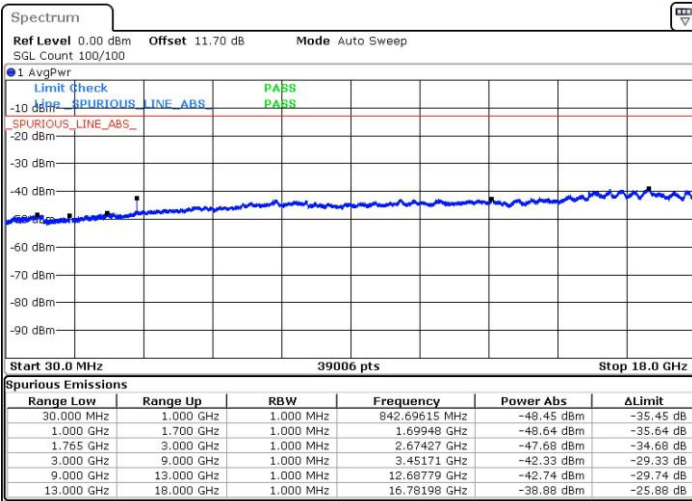


Date: 8 FEB 2016 11:09:15

Date: 8 FEB 2016 11:10:10

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 FEB 2016 11:11:47

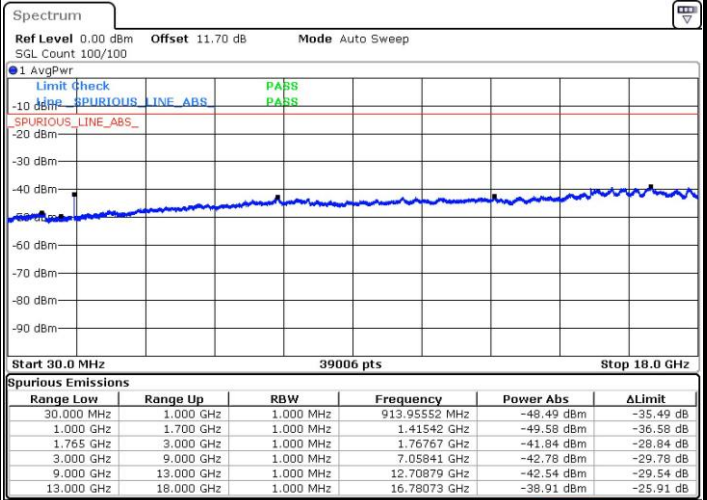
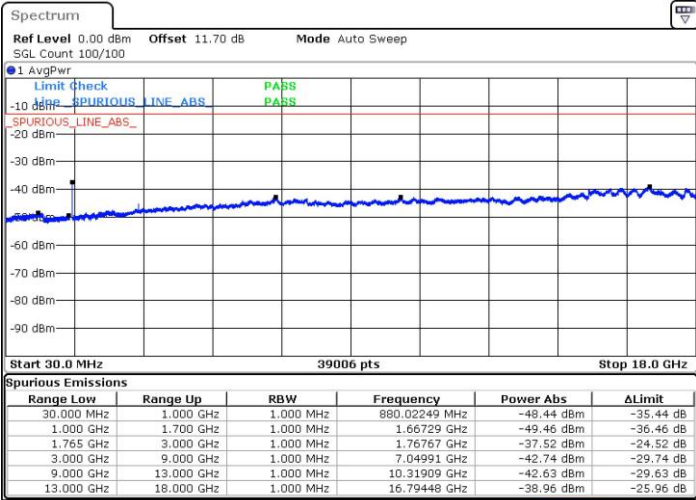
Date: 8 FEB 2016 11:12:42



LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



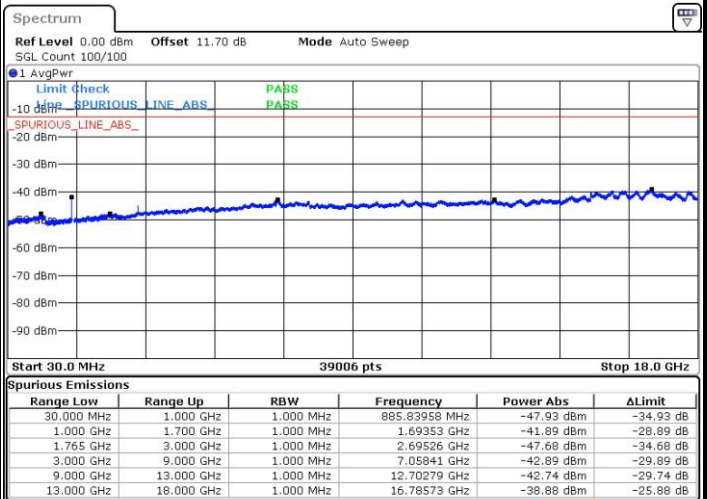
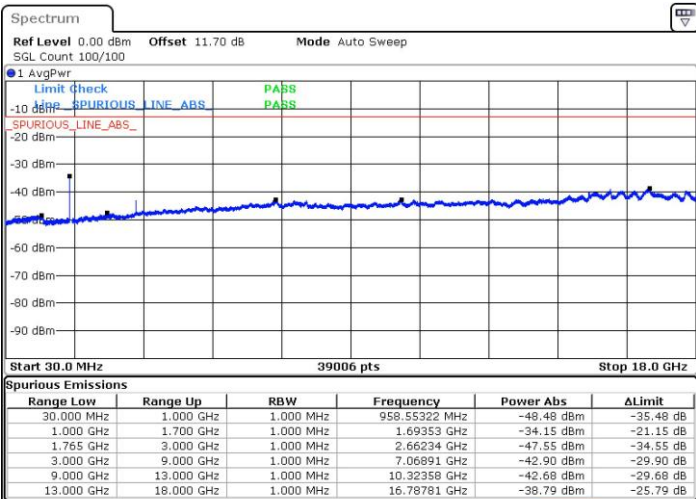
Date: 8 FEB 2016 11:18:55

Date: 8 FEB 2016 11:19:50

LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 8 FEB 2016 11:26:04

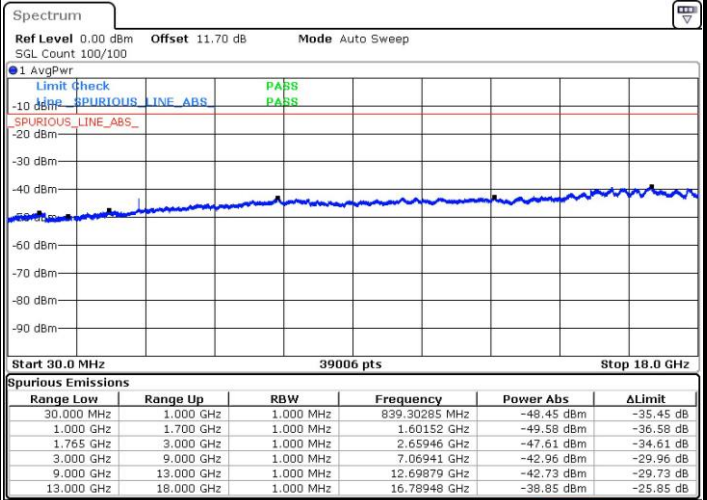
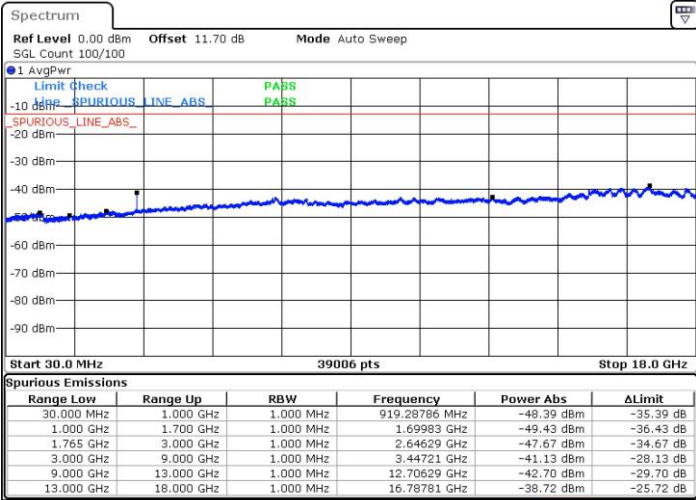
Date: 8 FEB 2016 11:26:59



LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

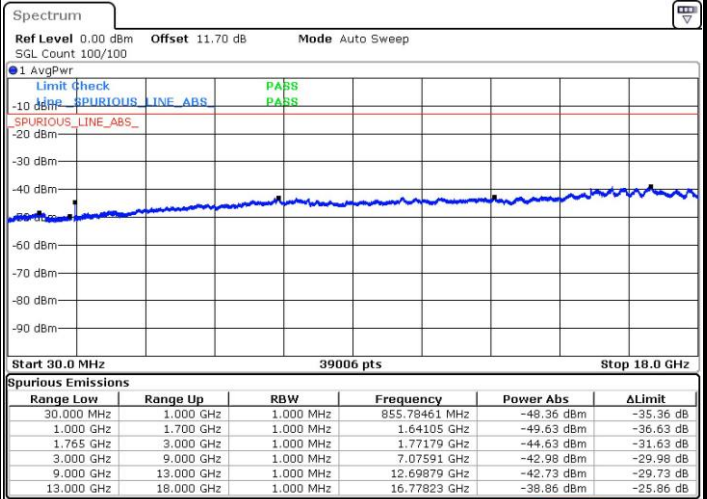
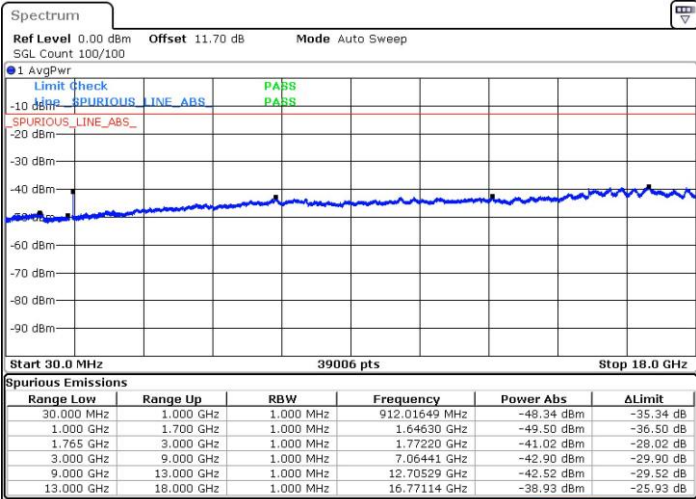


Date: 8 FEB 2016 11:28:36

Date: 8 FEB 2016 11:29:30

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 FEB 2016 11:35:44

Date: 8 FEB 2016 11:36:39



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

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 7

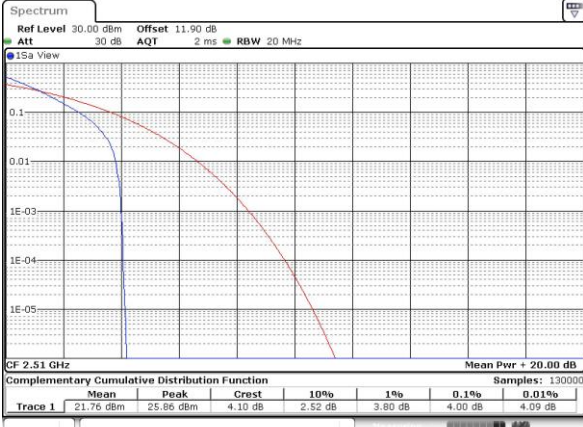
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4	4.9	5.36	5.91	PASS
Middle CH	4	5.01	5.54	6.12	
Highest CH	4.03	4.96	5.39	6.06	



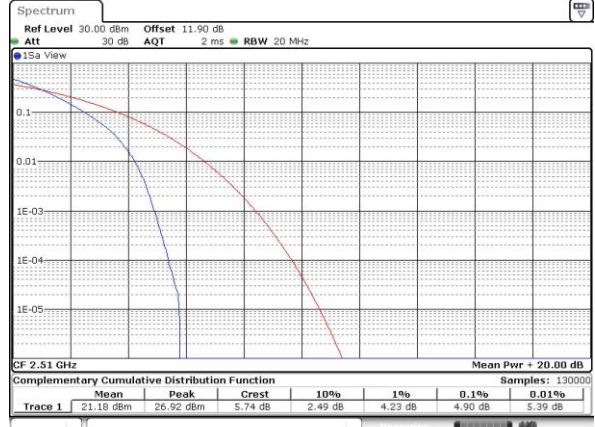
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



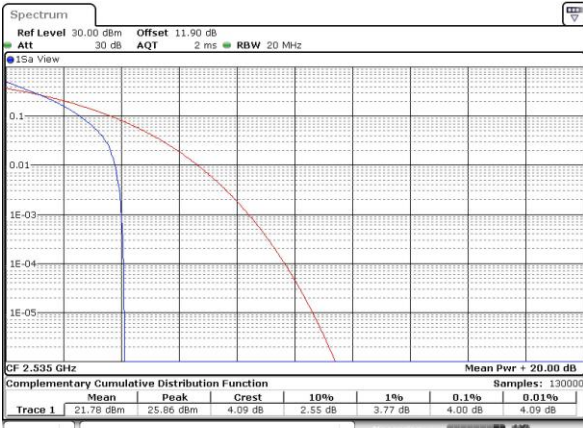
Date: 9 FEB 2016 08:42:34

Lowest Channel / Full RB



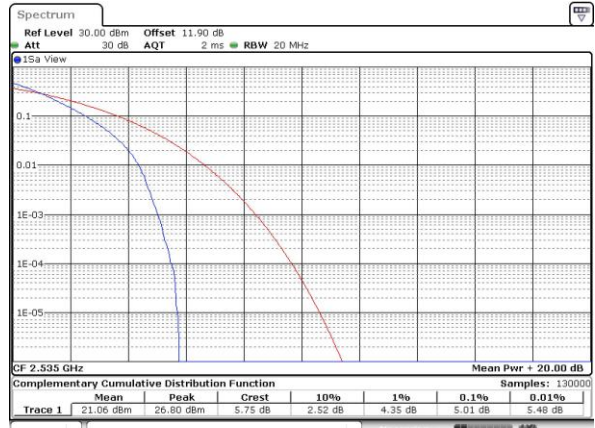
Date: 9 FEB 2016 08:43:23

Middle Channel / 1RB



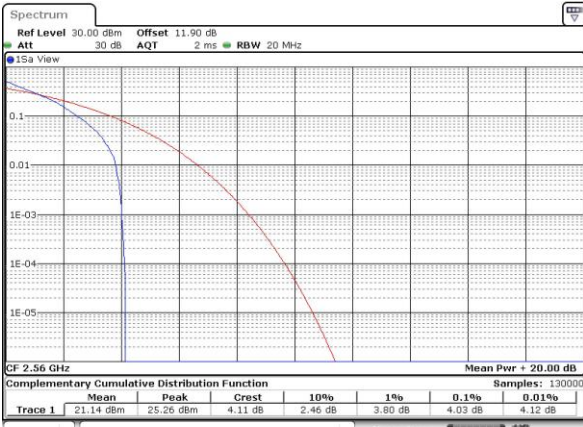
Date: 9 FEB 2016 08:43:32

Middle Channel / Full RB



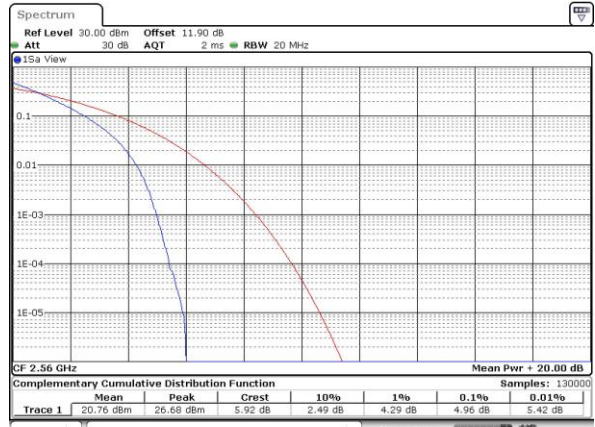
Date: 9 FEB 2016 08:43:43

Highest Channel / 1RB



Date: 9 FEB 2016 08:43:53

Highest Channel / Full RB

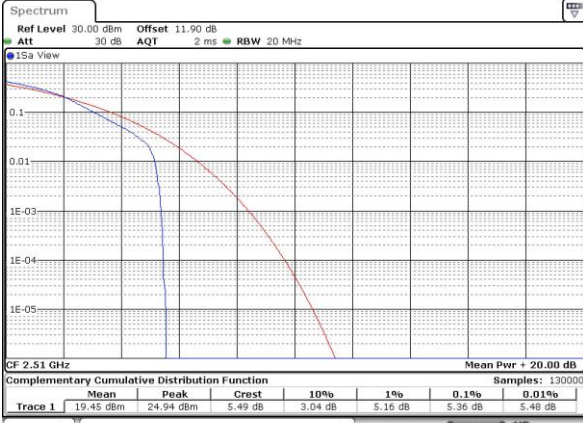


Date: 9 FEB 2016 08:45:25



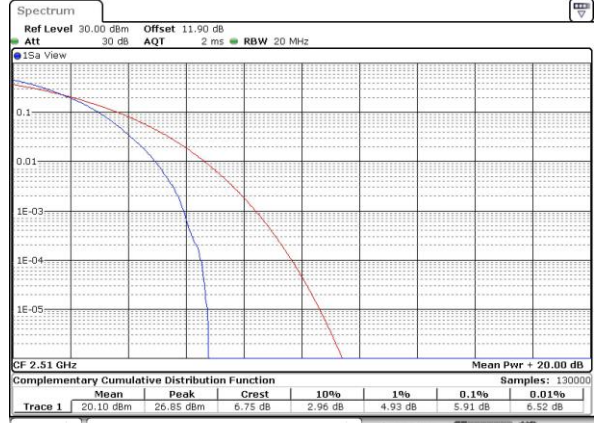
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



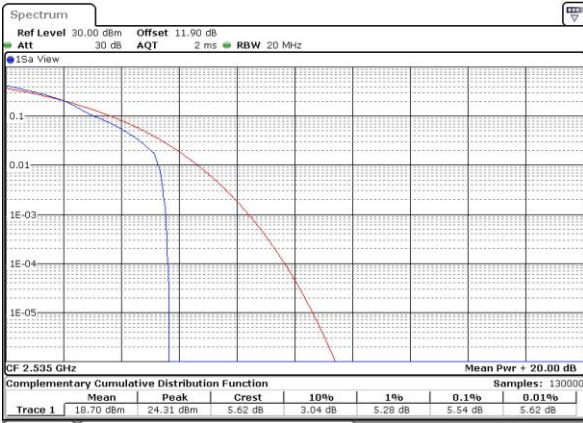
Date: 9 FEB 2016 08:40:57

Lowest Channel / Full RB



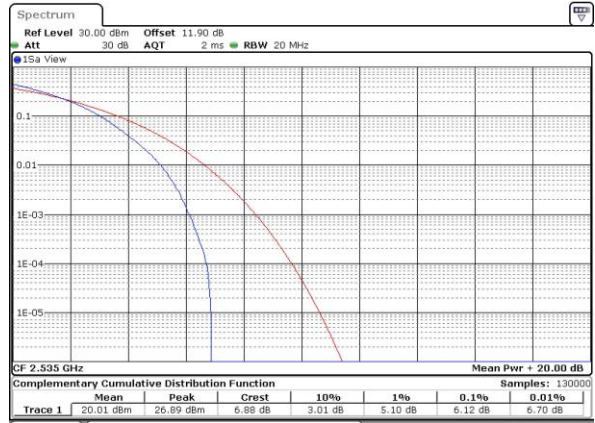
Date: 9 FEB 2016 08:41:08

Middle Channel / 1RB



Date: 9 FEB 2016 08:41:17

Middle Channel / Full RB



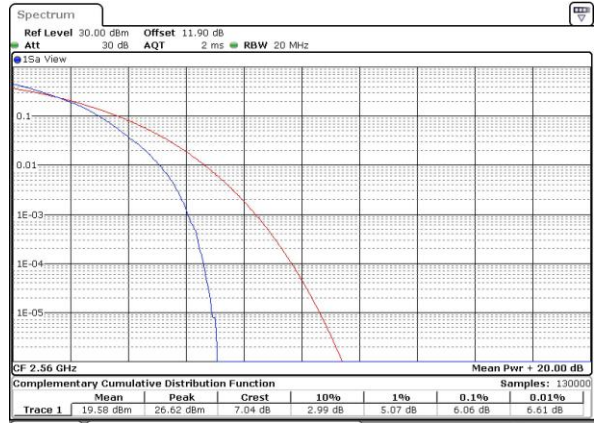
Date: 9 FEB 2016 08:41:27

Highest Channel / 1RB



Date: 9 FEB 2016 08:41:37

Highest Channel / Full RB



Date: 9 FEB 2016 08:42:16



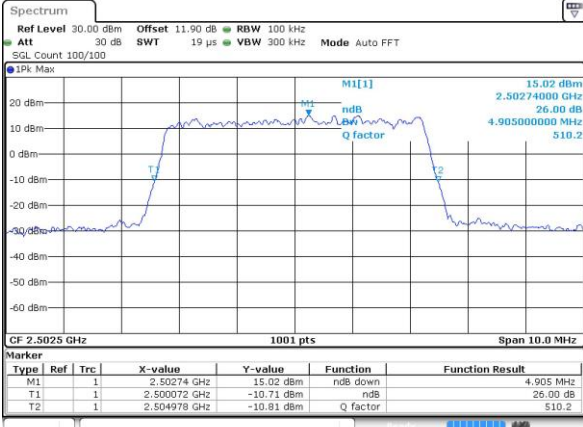
26dB Bandwidth

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	-	-	-	-	4.91	4.87	9.67	9.67	14.33	14.12	20.02	20.1
Middle CH	-	-	-	-	4.97	4.99	9.61	9.95	14.48	14.3	20.1	20.06
Highest CH	-	-	-	-	4.86	4.86	10.01	9.87	14.3	14.27	20.18	20.22



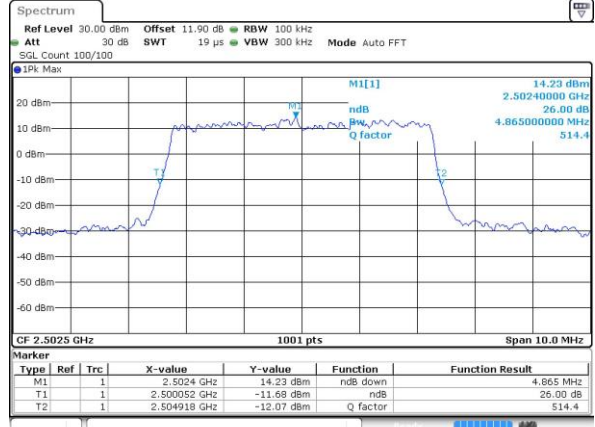
LTE Band 7

Lowest Channel / 5MHz / QPSK



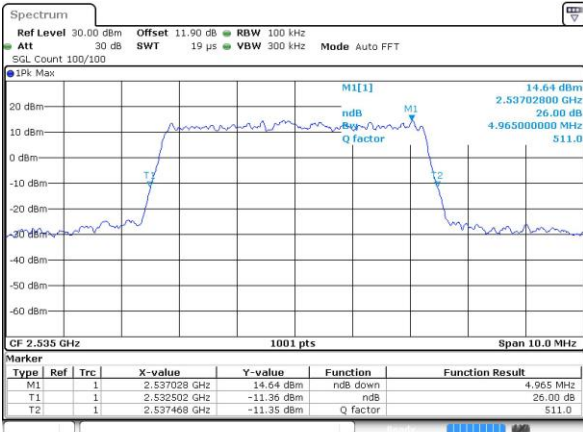
Date: 9 FEB 2016 07:31:33

Lowest Channel / 5MHz / 16QAM



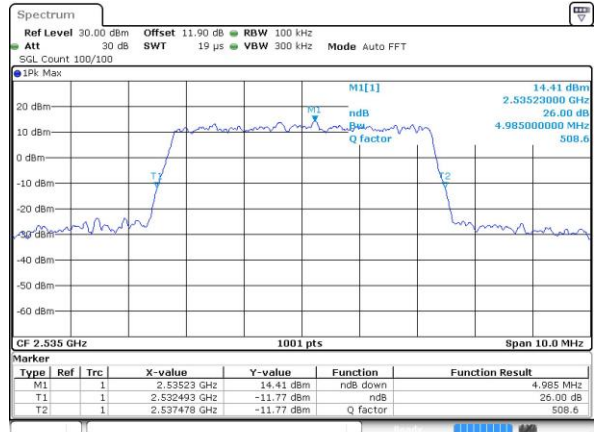
Date: 9 FEB 2016 07:31:43

Middle Channel / 5MHz / QPSK



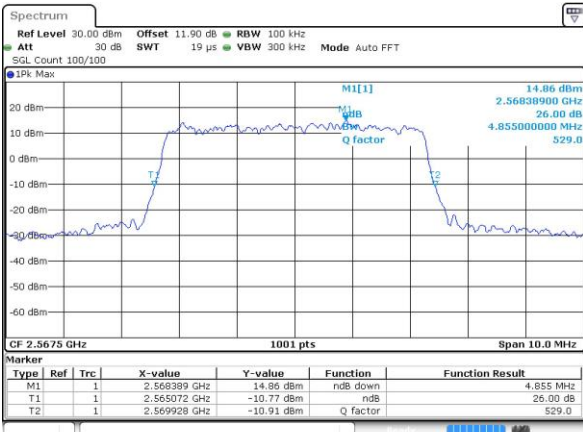
Date: 9 FEB 2016 07:38:43

Middle Channel / 5MHz / 16QAM



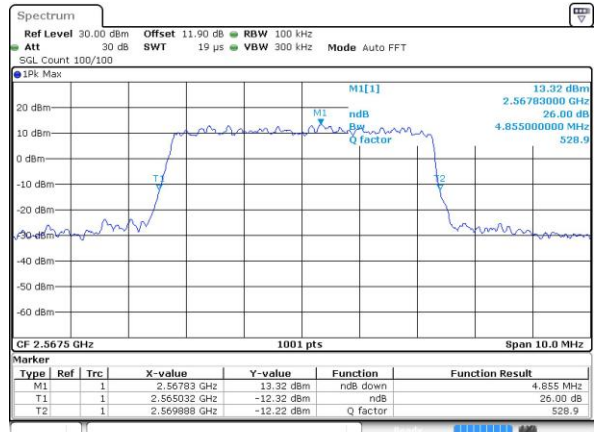
Date: 9 FEB 2016 07:38:53

Highest Channel / 5MHz / QPSK



Date: 9 FEB 2016 07:41:13

Highest Channel / 5MHz / 16QAM

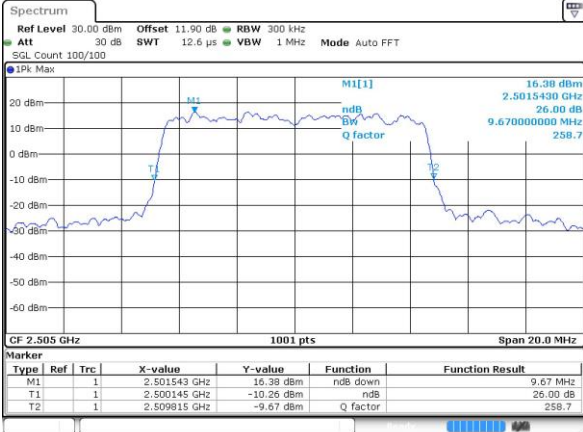


Date: 9 FEB 2016 07:41:23



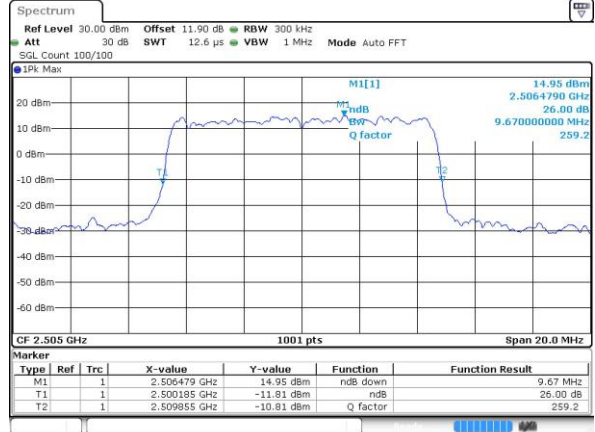
LTE Band 7

Lowest Channel / 10MHz / QPSK



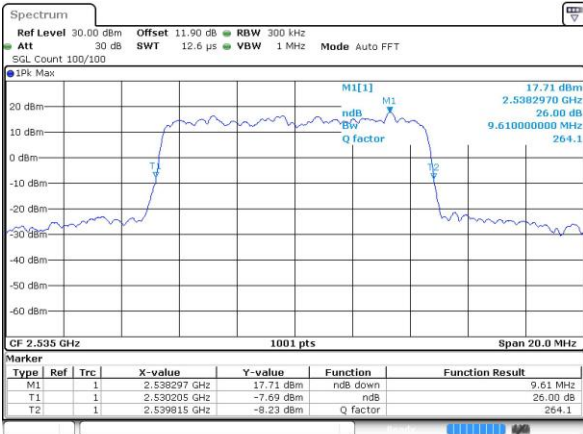
Date: 9 FEB 2016 07:48:23

Lowest Channel / 10MHz / 16QAM



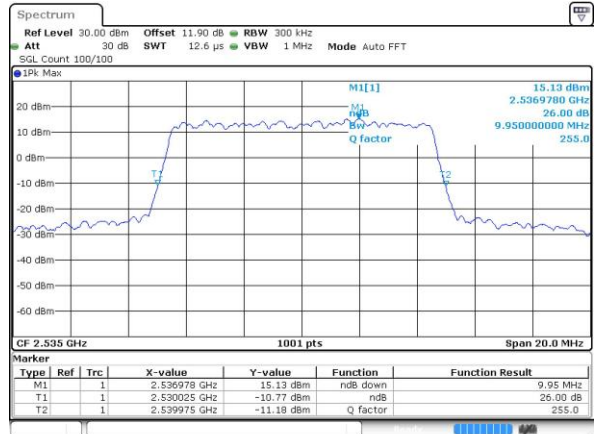
Date: 9 FEB 2016 07:48:33

Middle Channel / 10MHz / QPSK



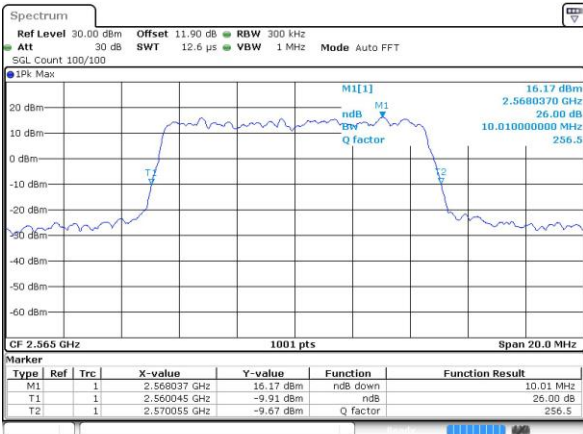
Date: 9 FEB 2016 07:55:32

Middle Channel / 10MHz / 16QAM



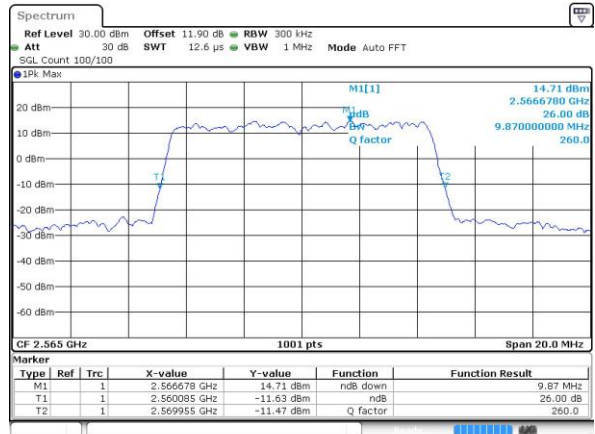
Date: 9 FEB 2016 07:55:43

Highest Channel / 10MHz / QPSK



Date: 9 FEB 2016 07:58:02

Highest Channel / 10MHz / 16QAM



Date: 9 FEB 2016 07:58:13