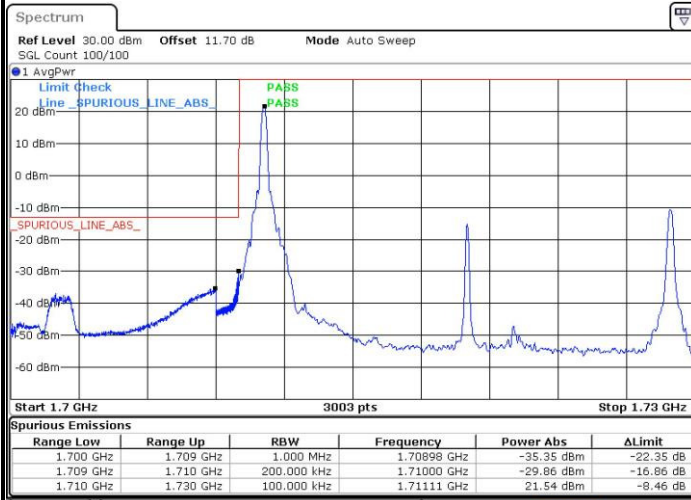


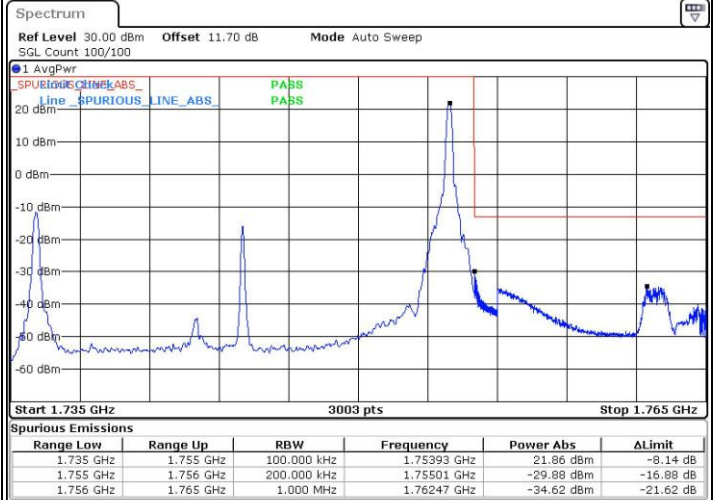


LTE Band 4 / 20MHz / QPSK

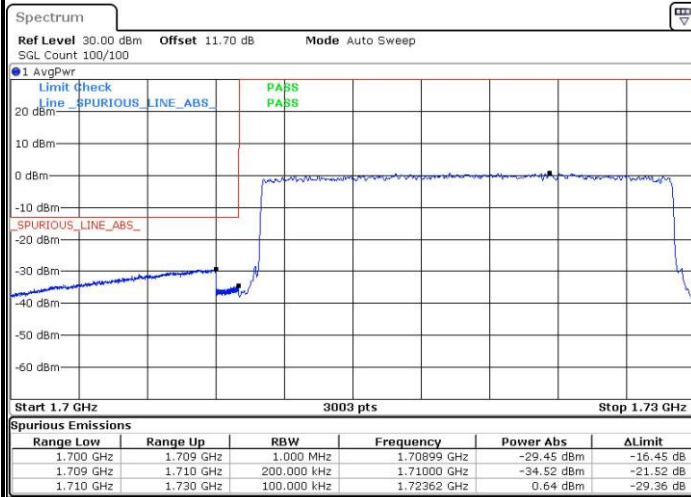
Lowest Band Edge / 1 RB



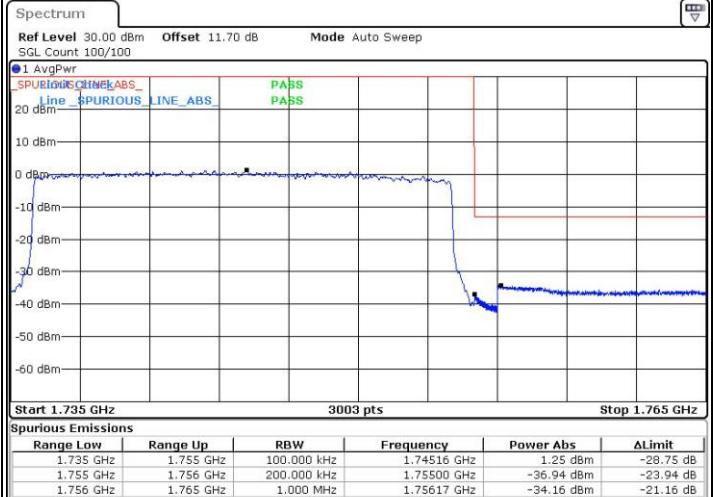
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



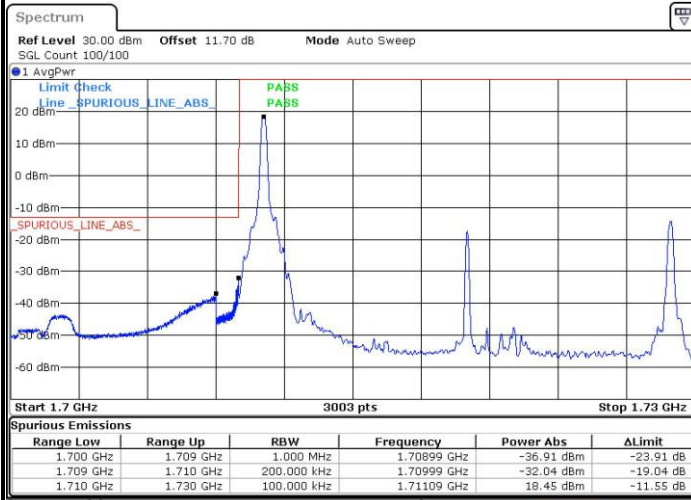
Highest Band Edge / Full RB



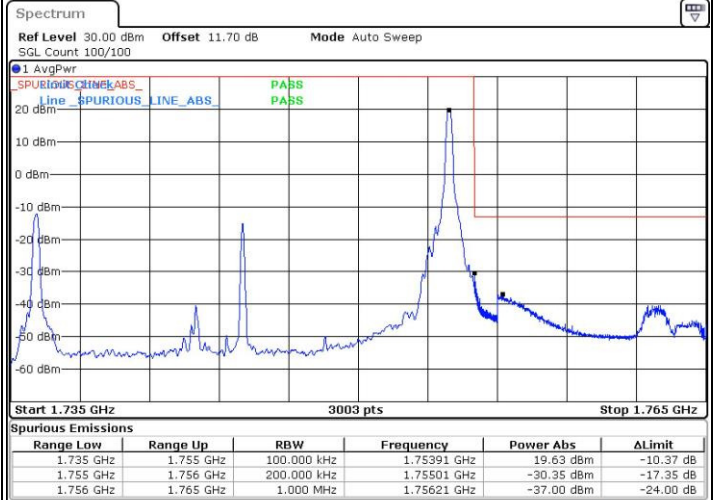


LTE Band 4 / 20MHz / 16QAM

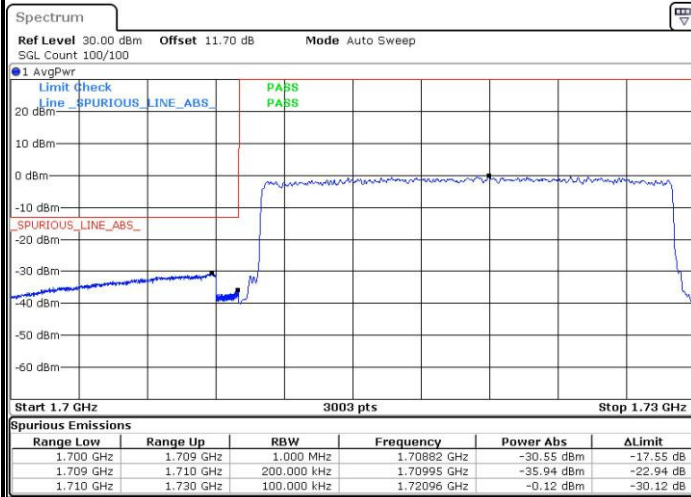
Lowest Band Edge / 1 RB



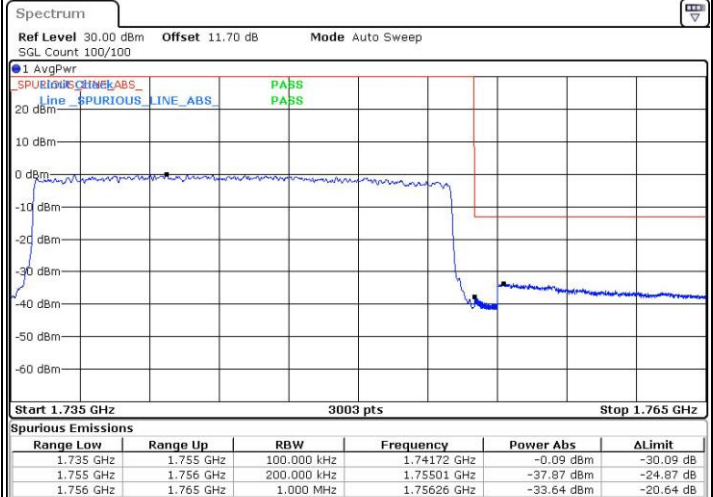
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



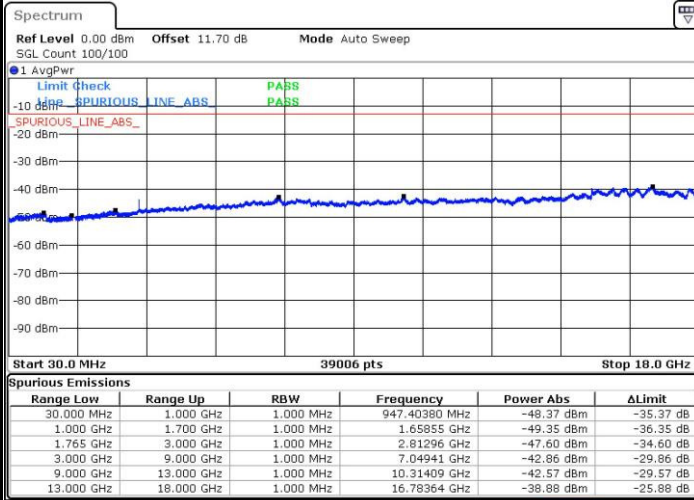


Conducted Spurious Emission



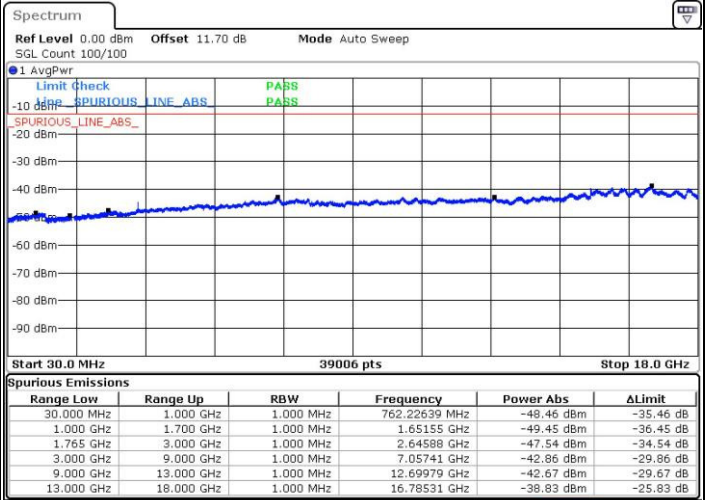
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



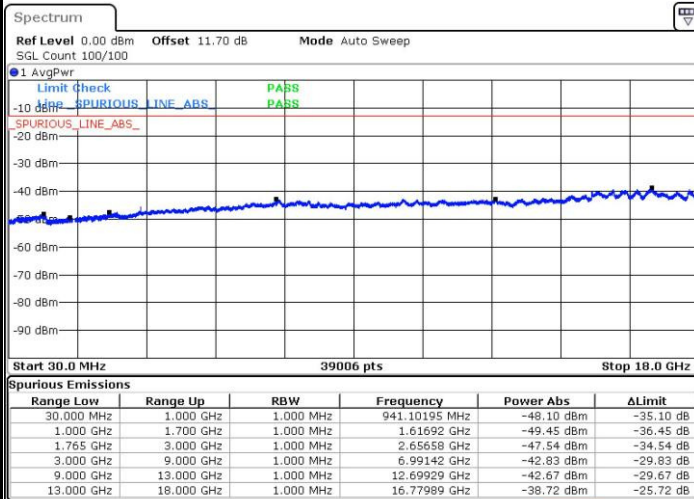
Date: 8.FEB.2016 11:42:53

Lowest Channel / 16QAM



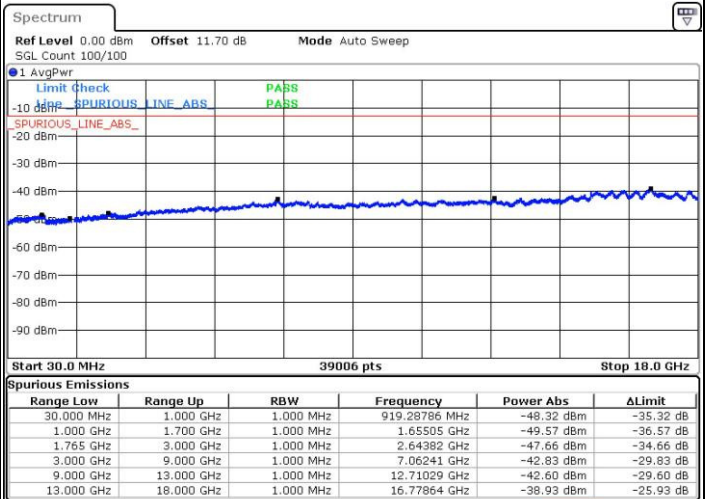
Date: 8.FEB.2016 11:43:48

Middle Channel / QPSK



Date: 8.FEB.2016 11:45:25

Middle Channel / 16QAM

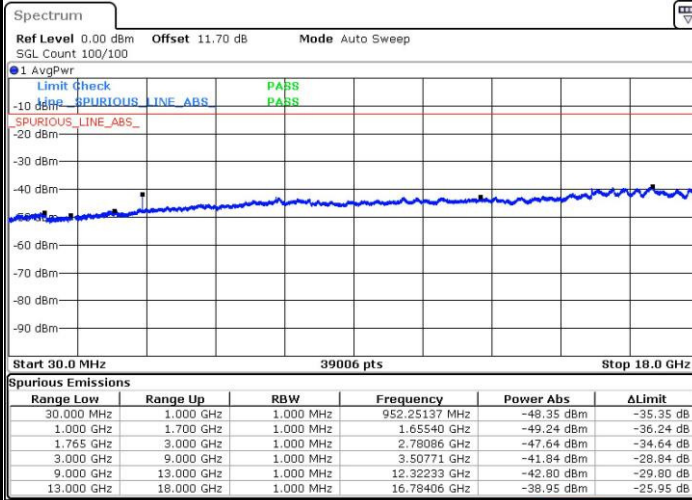


Date: 8.FEB.2016 11:46:20



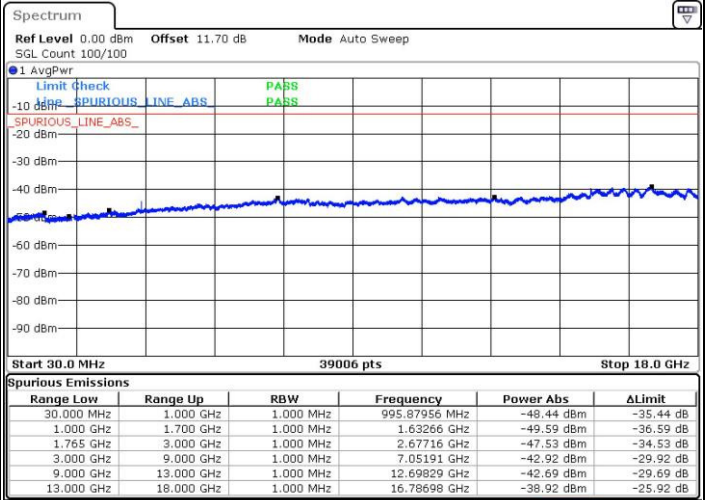
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 8 FEB 2016 11:52:34

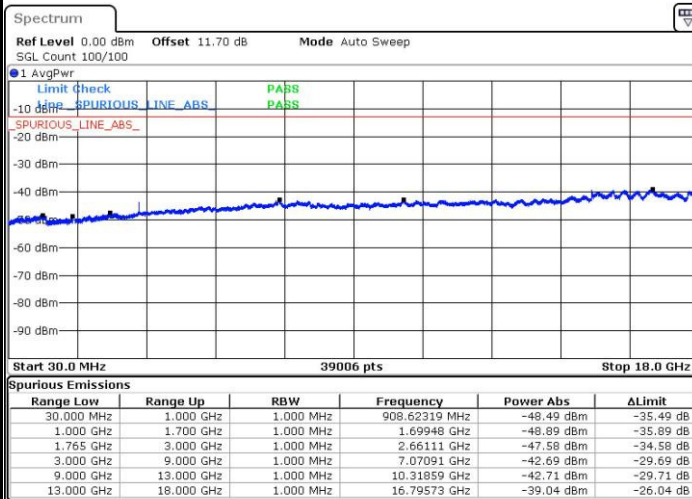
Highest Channel / 16QAM



Date: 8 FEB 2016 11:53:29

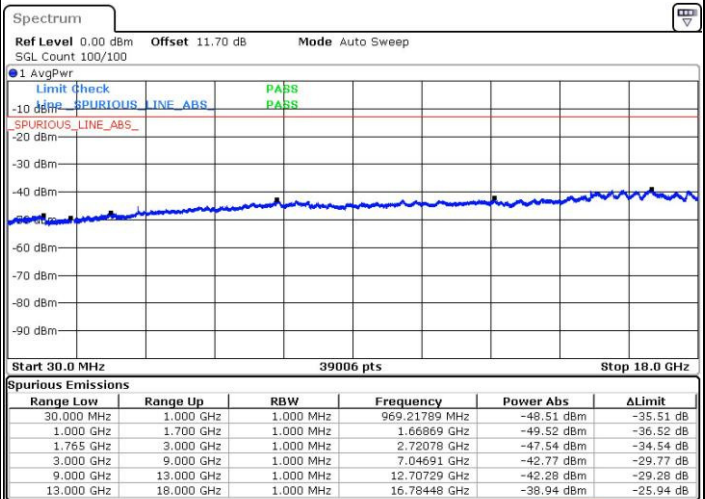
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 8 FEB 2016 10:16:30

Lowest Channel / 16QAM

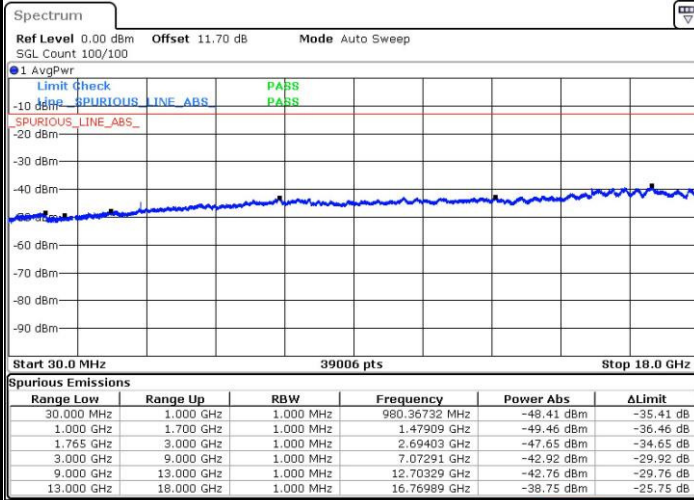


Date: 8 FEB 2016 10:17:25



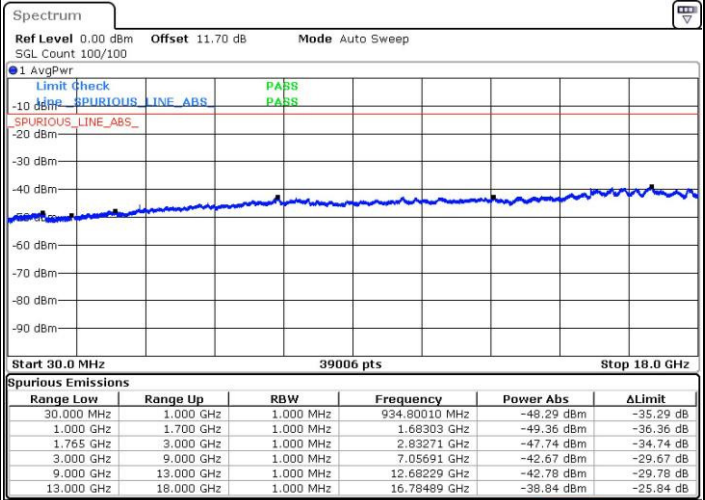
LTE Band 4 / 3MHz

Middle Channel / QPSK



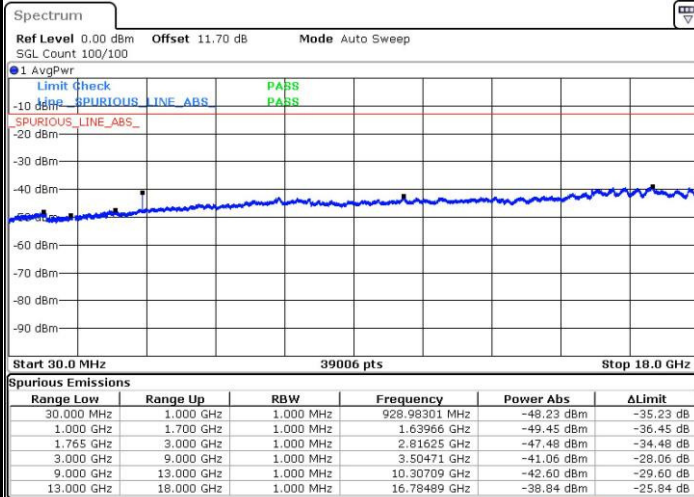
Date: 8.FEB.2016 10:19:02

Middle Channel / 16QAM



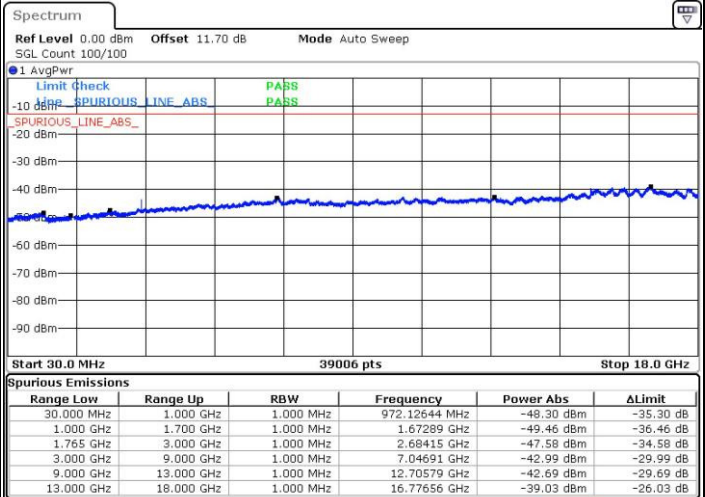
Date: 8.FEB.2016 10:19:57

Highest Channel / QPSK



Date: 8.FEB.2016 10:26:11

Highest Channel / 16QAM

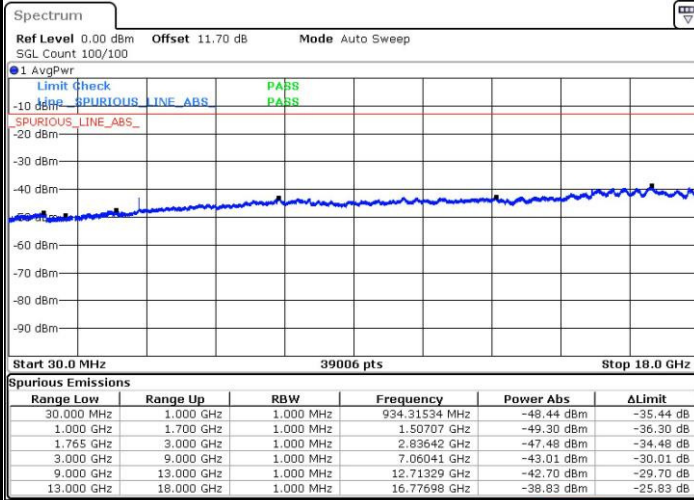


Date: 8.FEB.2016 10:27:06



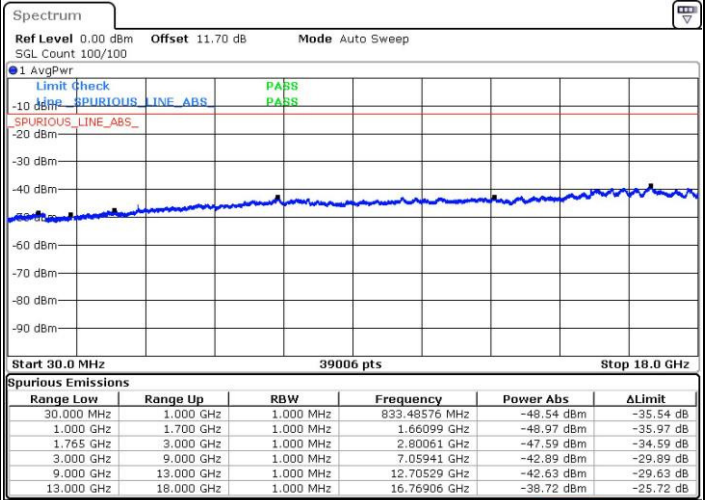
LTE Band 4 / 5MHz

Lowest Channel / QPSK



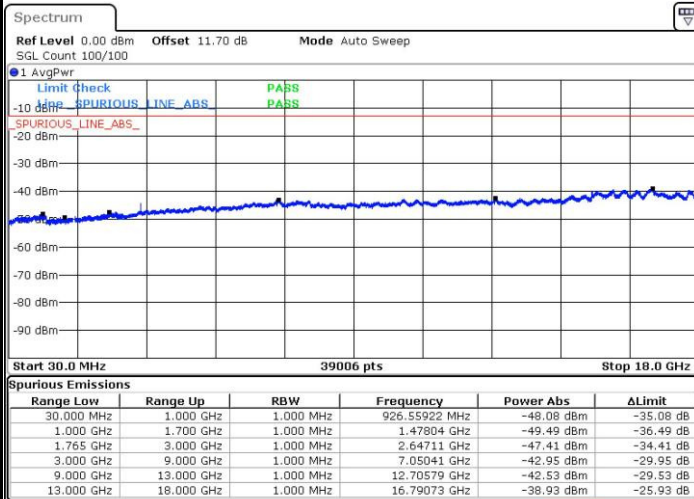
Date: 8 FEB 2016 10:33:20

Lowest Channel / 16QAM



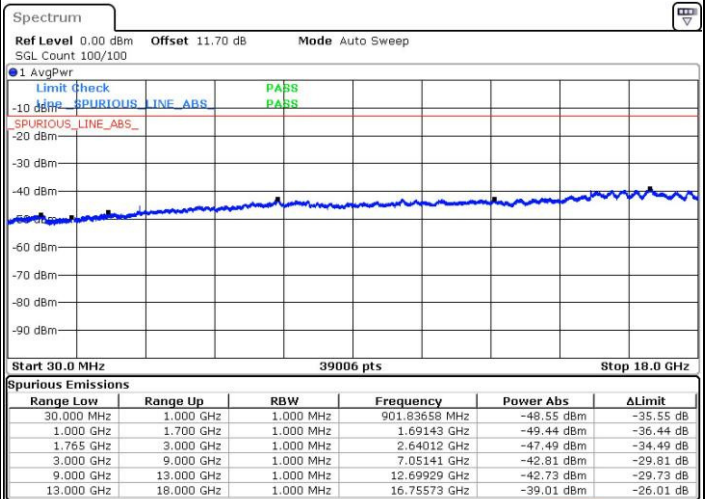
Date: 8 FEB 2016 10:34:15

Middle Channel / QPSK



Date: 8 FEB 2016 10:35:52

Middle Channel / 16QAM

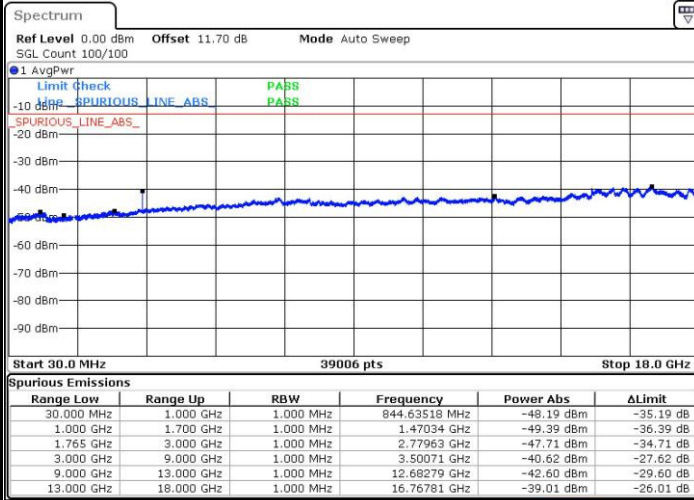


Date: 8 FEB 2016 10:36:46



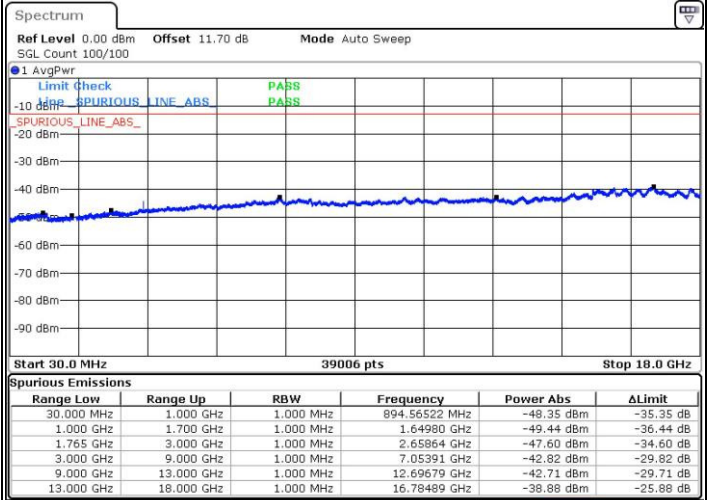
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 8 FEB 2016 10:43:01

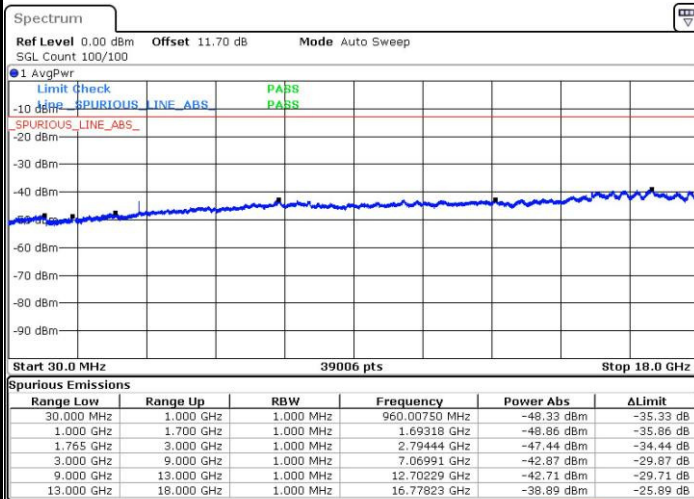
Highest Channel / 16QAM



Date: 8 FEB 2016 10:43:55

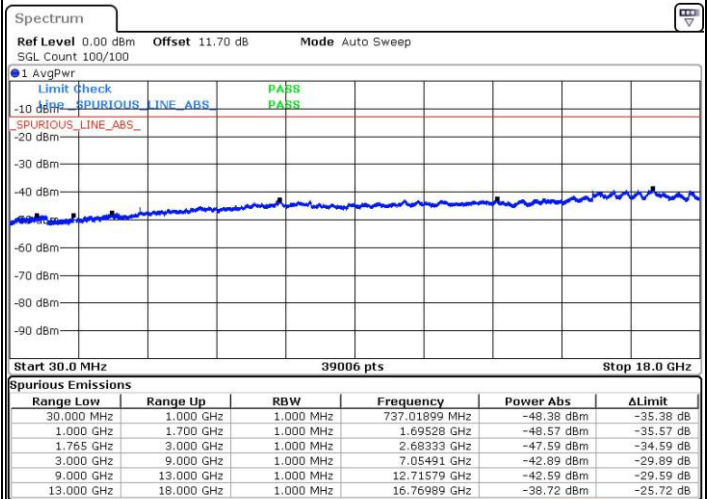
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 8 FEB 2016 10:50:09

Lowest Channel / 16QAM

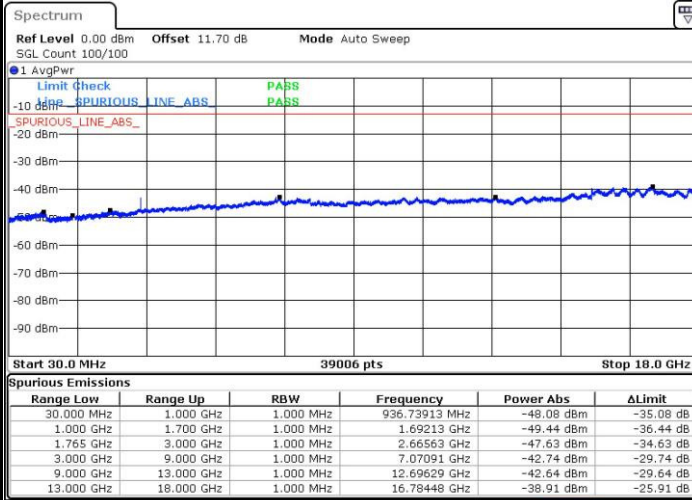


Date: 8 FEB 2016 10:51:04



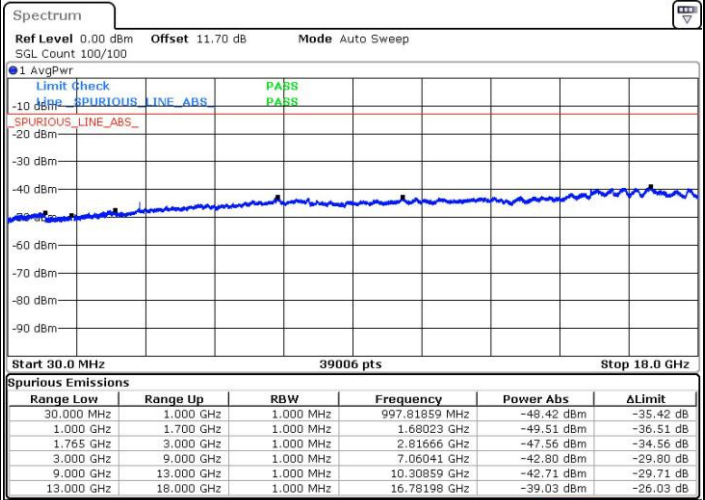
LTE Band 4 / 10MHz

Middle Channel / QPSK



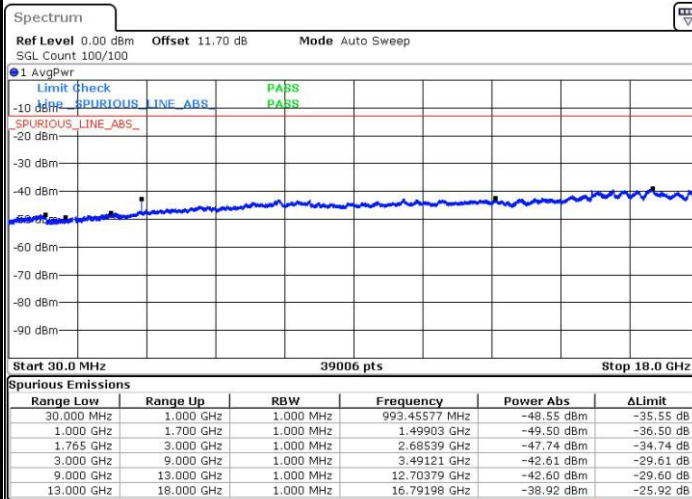
Date: 8 FEB 2016 10:52:41

Middle Channel / 16QAM



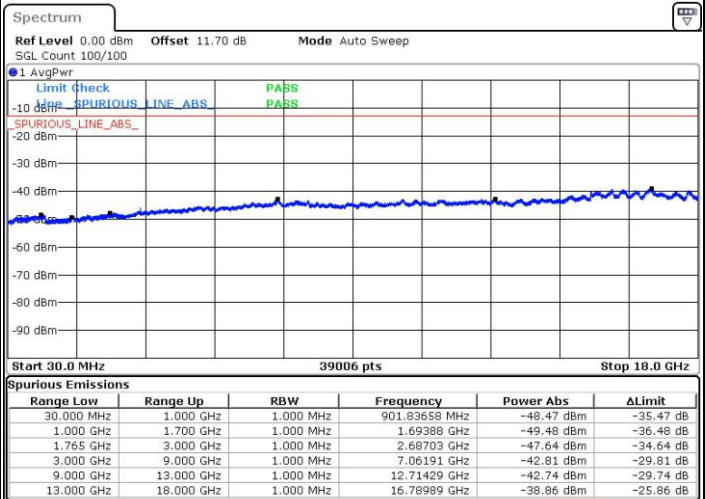
Date: 8 FEB 2016 10:53:36

Highest Channel / QPSK



Date: 8 FEB 2016 10:59:50

Highest Channel / 16QAM

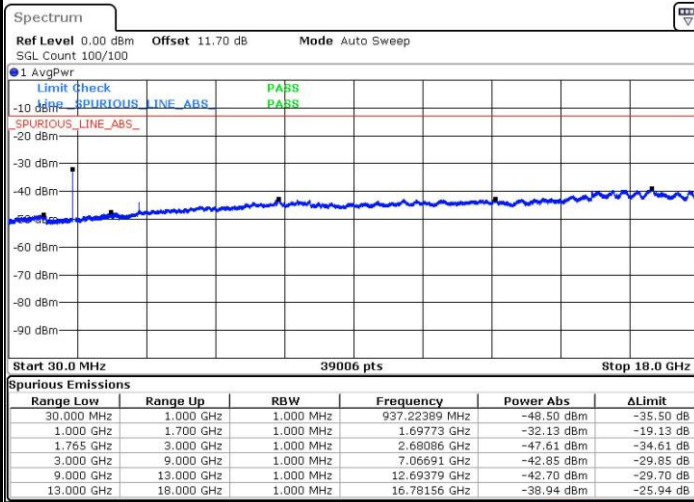


Date: 8 FEB 2016 11:00:45



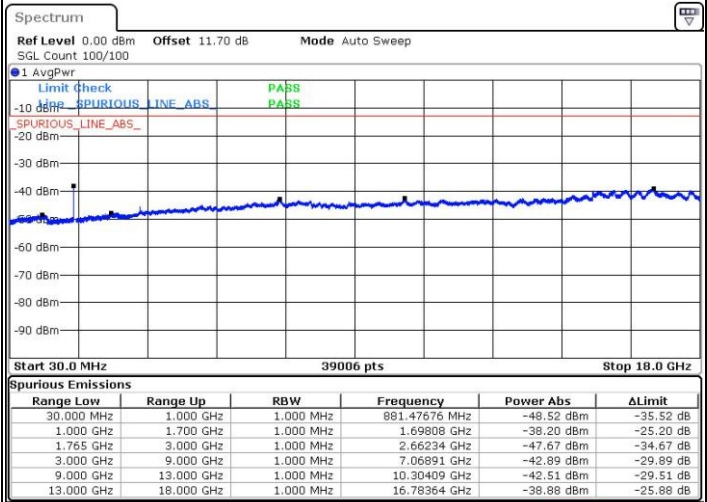
LTE Band 4 / 15MHz

Lowest Channel / QPSK



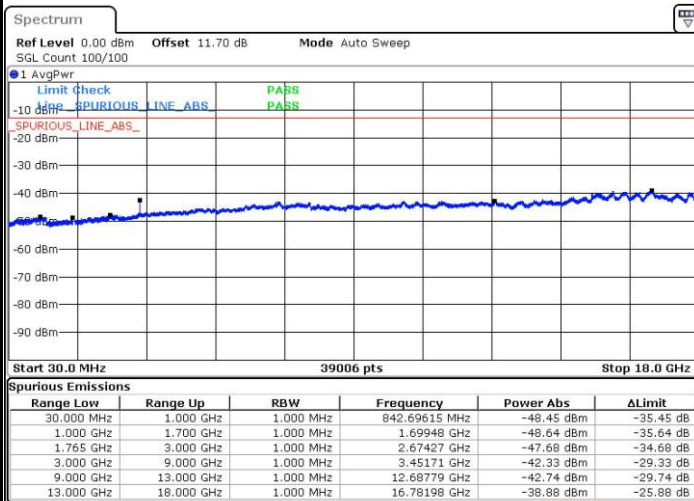
Date: 8.FEB.2016 11:09:15

Lowest Channel / 16QAM



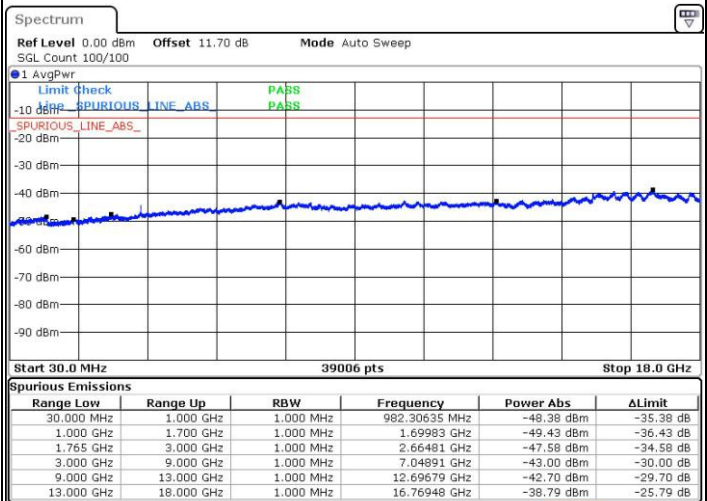
Date: 8.FEB.2016 11:10:10

Middle Channel / QPSK



Date: 8.FEB.2016 11:11:47

Middle Channel / 16QAM

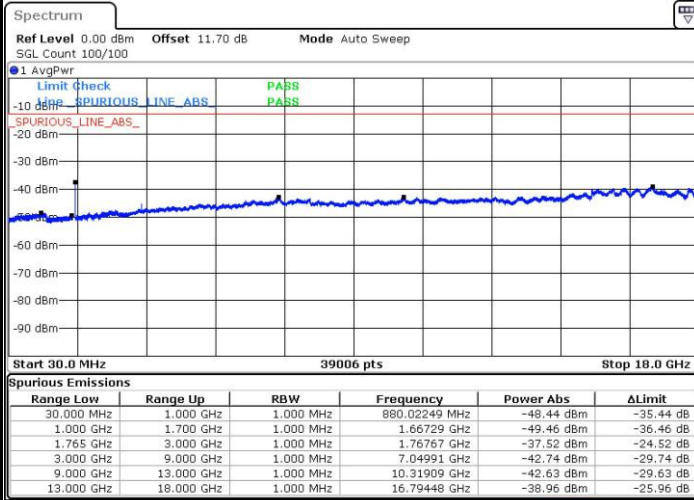


Date: 8.FEB.2016 11:12:42



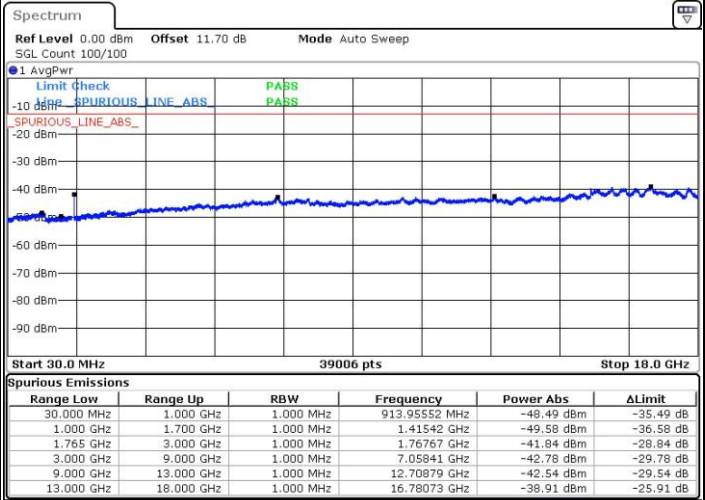
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 8.FEB.2016 11:18:55

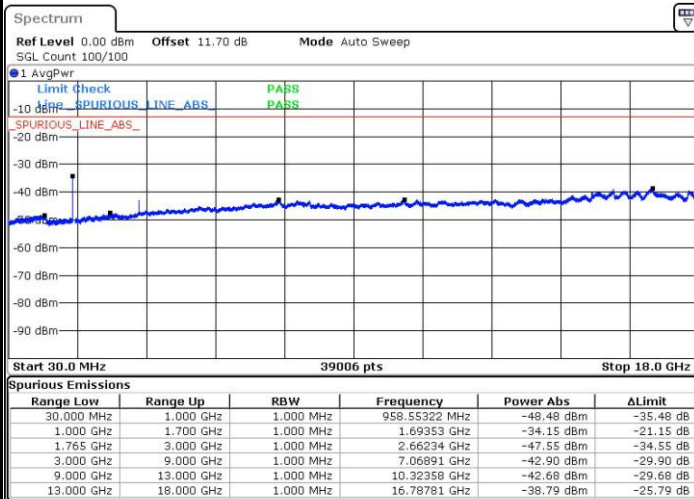
Highest Channel / 16QAM



Date: 8.FEB.2016 11:19:50

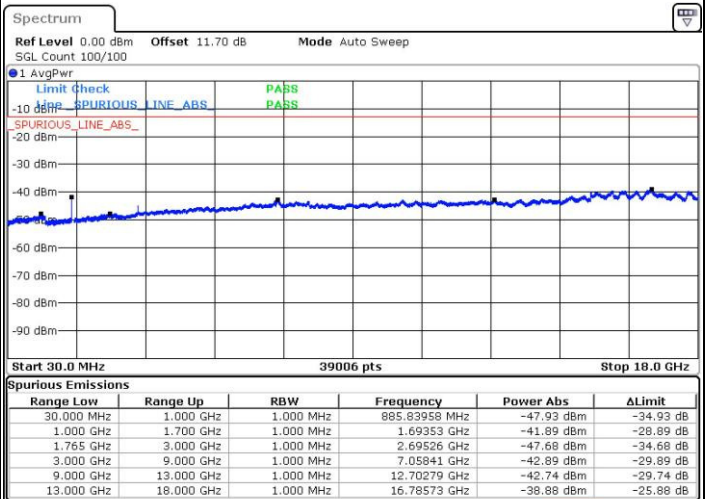
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 8.FEB.2016 11:26:04

Lowest Channel / 16QAM

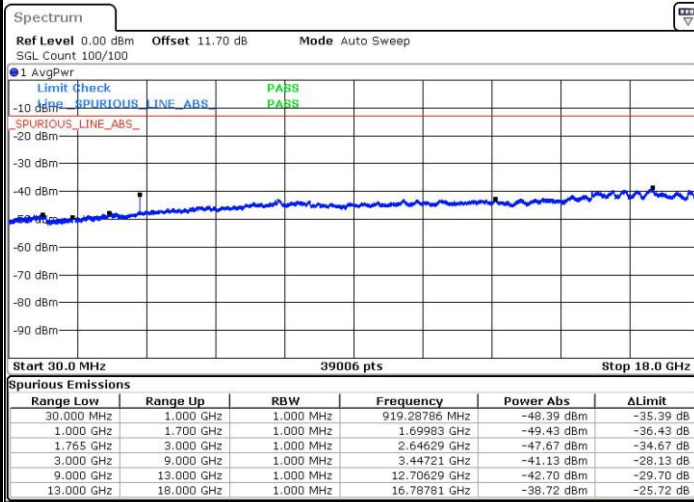


Date: 8.FEB.2016 11:26:59



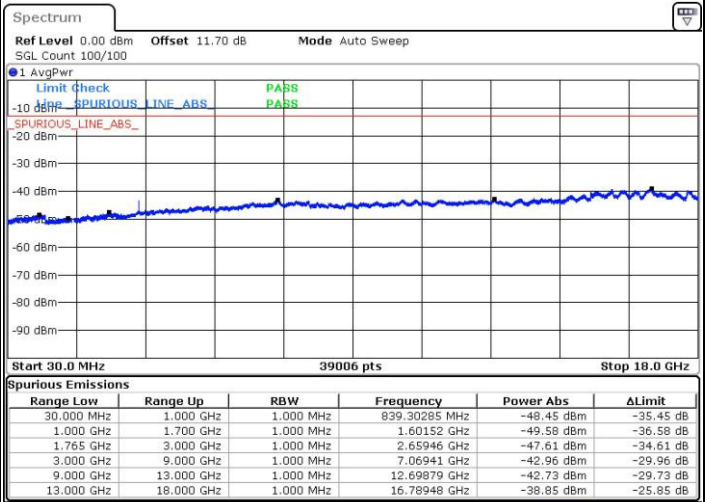
LTE Band 4 / 20MHz

Middle Channel / QPSK



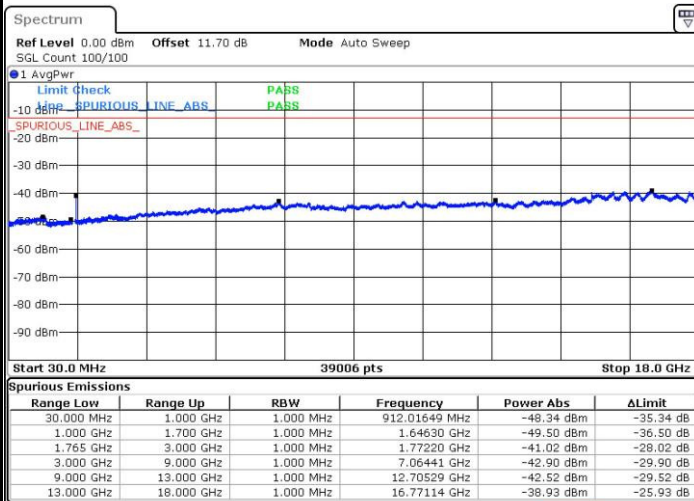
Date: 8 FEB 2016 11:28:36

Middle Channel / 16QAM



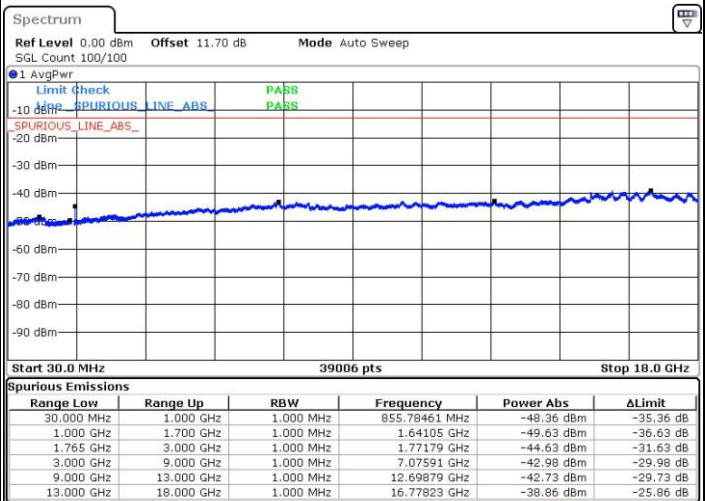
Date: 8 FEB 2016 11:29:30

Highest Channel / QPSK



Date: 8 FEB 2016 11:35:44

Highest Channel / 16QAM



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

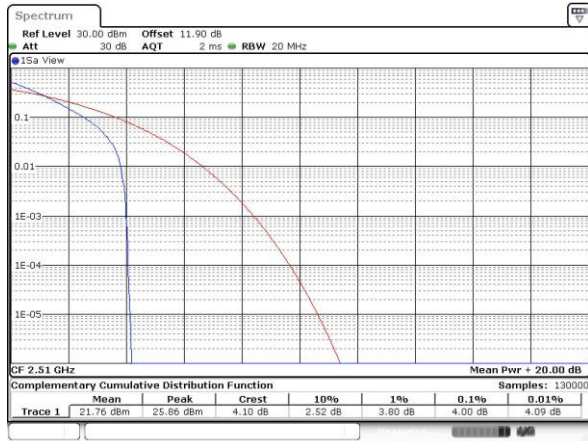
Peak-to-Average Ratio

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	

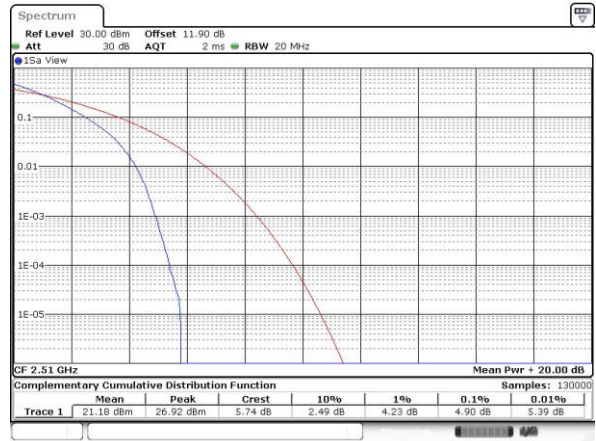


LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



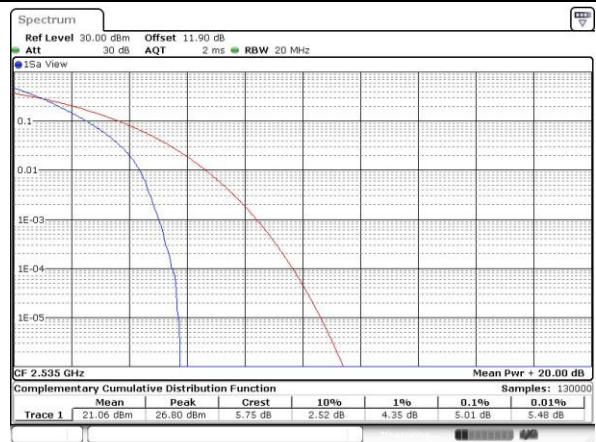
Lowest Channel / Full RB



Middle Channel / 1RB



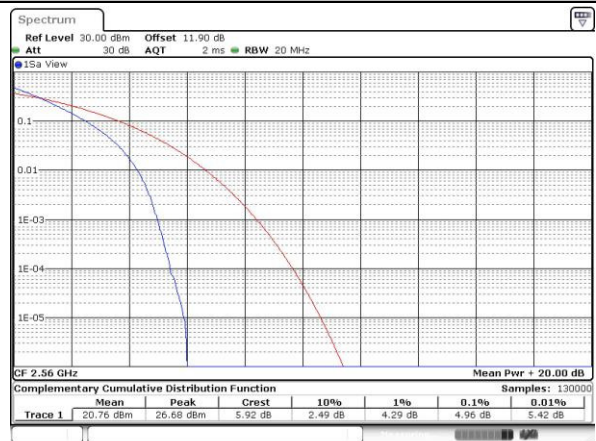
Middle Channel / Full RB



Highest Channel / 1RB



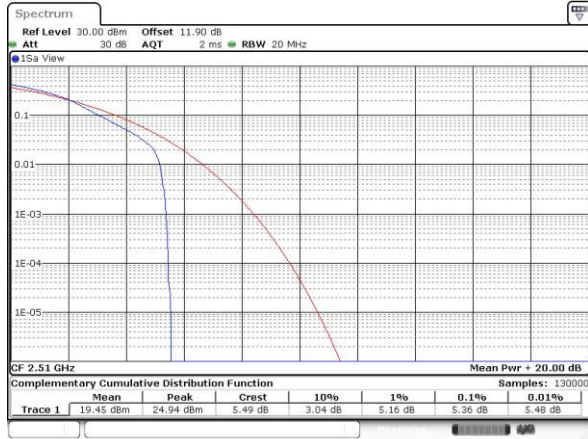
Highest Channel / Full RB



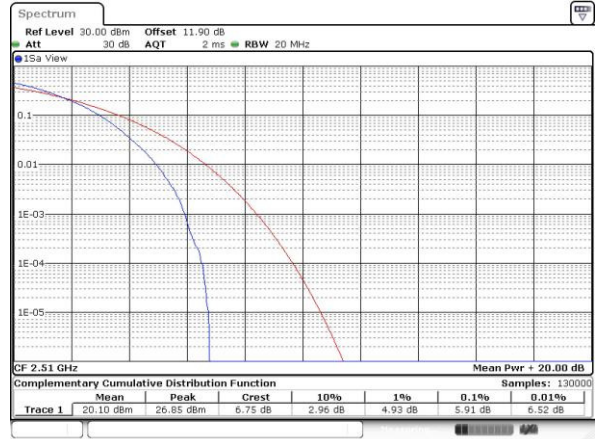


LTE Band 7 / 20MHz / 16QAM

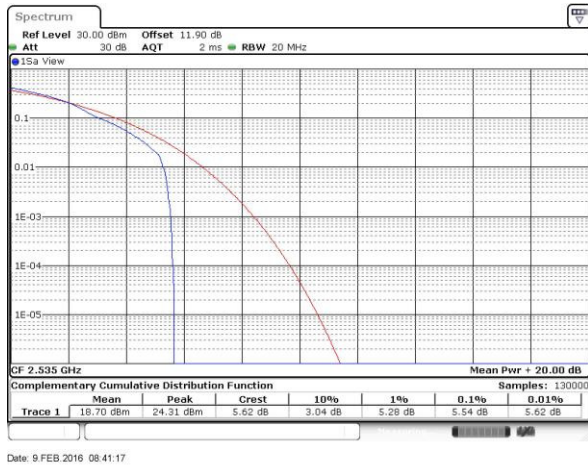
Lowest Channel / 1RB



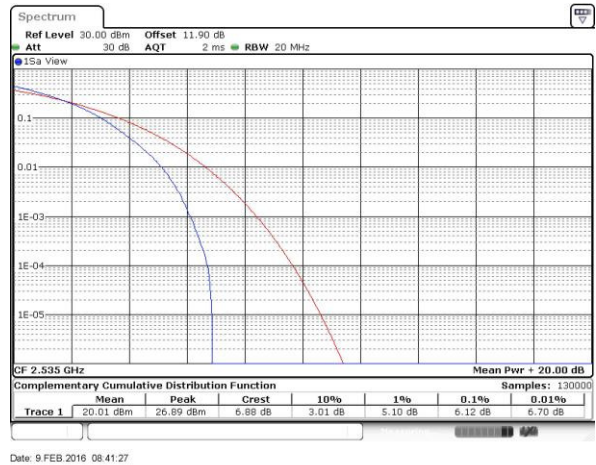
Lowest Channel / Full RB



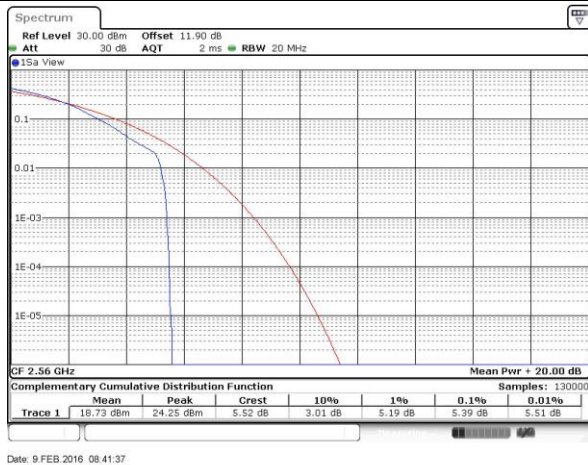
Middle Channel / 1RB



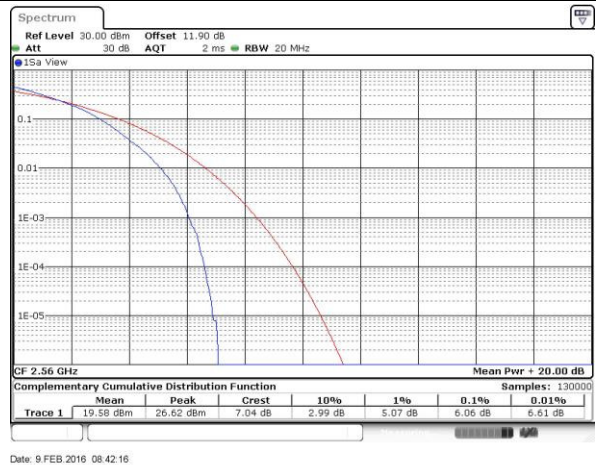
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



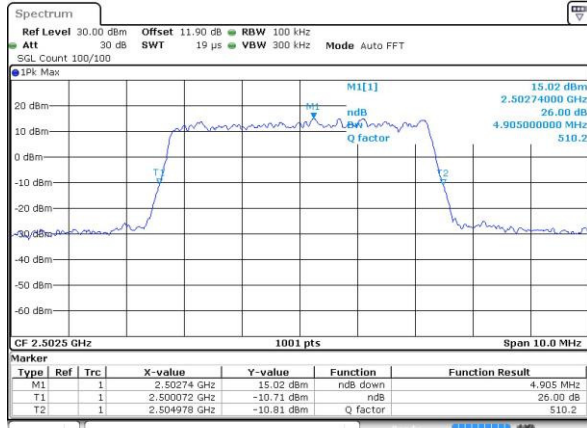
**26dB Bandwidth**

Mode	LTE Band 7 : 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	-	-	-	-	4.91	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

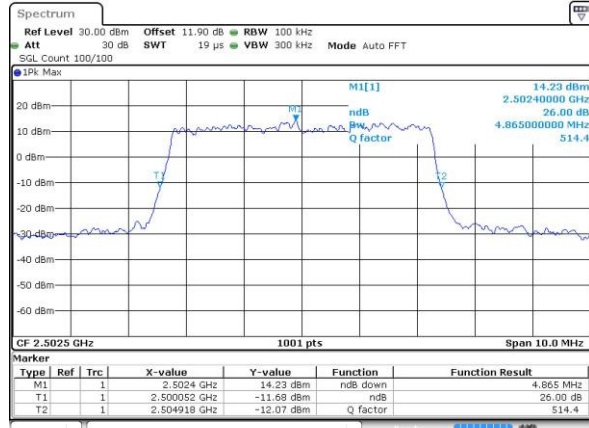


LTE Band 7

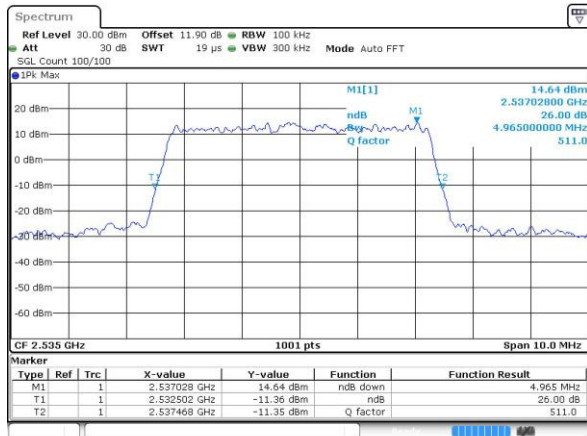
Lowest Channel / 5MHz / QPSK



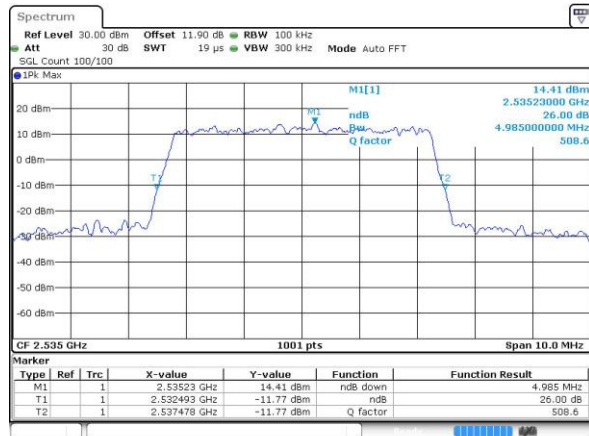
Lowest Channel / 5MHz / 16QAM



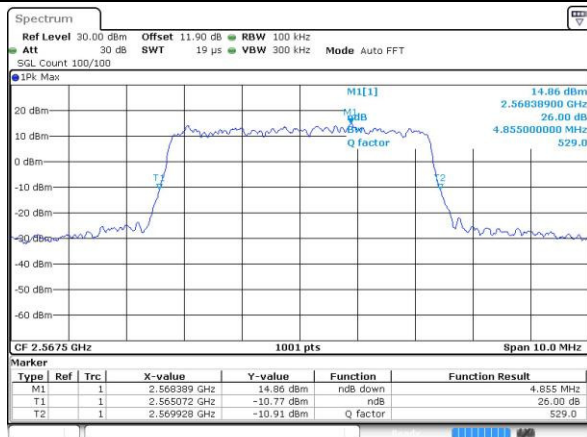
Middle Channel / 5MHz / QPSK



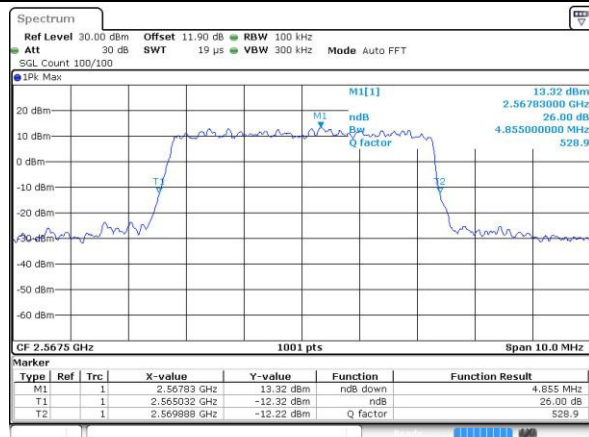
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



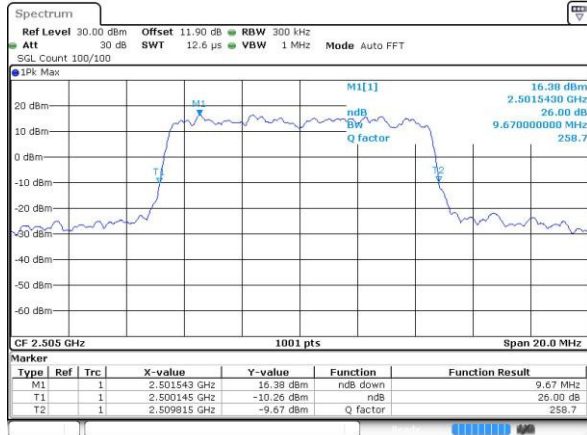
Highest Channel / 5MHz / 16QAM





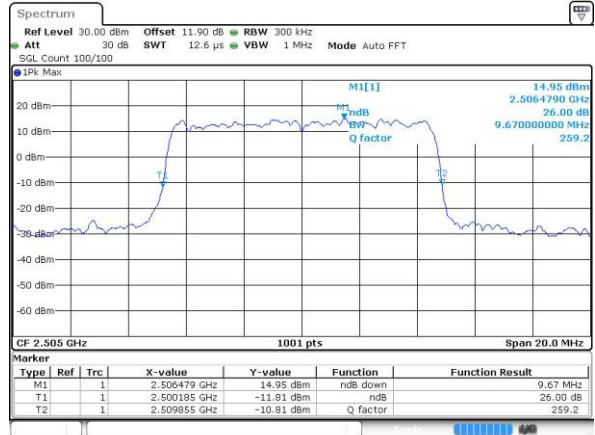
LTE Band 7

Lowest Channel / 10MHz / QPSK



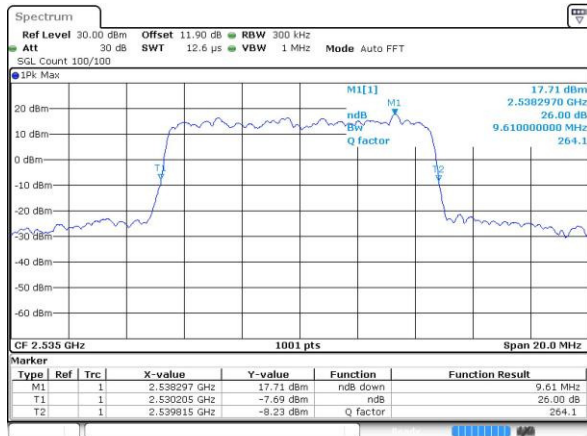
Date: 9 FEB 2016 07:48:23

Lowest Channel / 10MHz / 16QAM



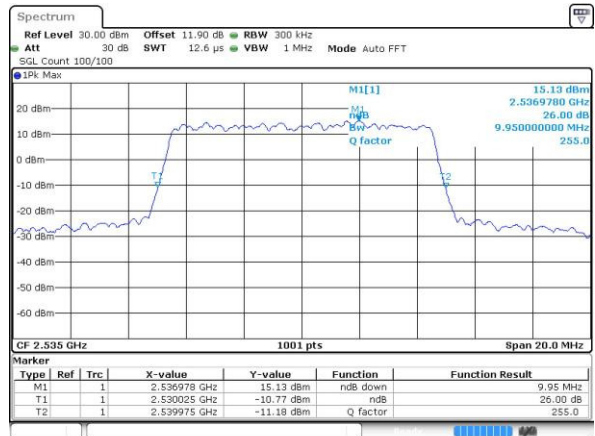
Date: 9 FEB 2016 07:48:33

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