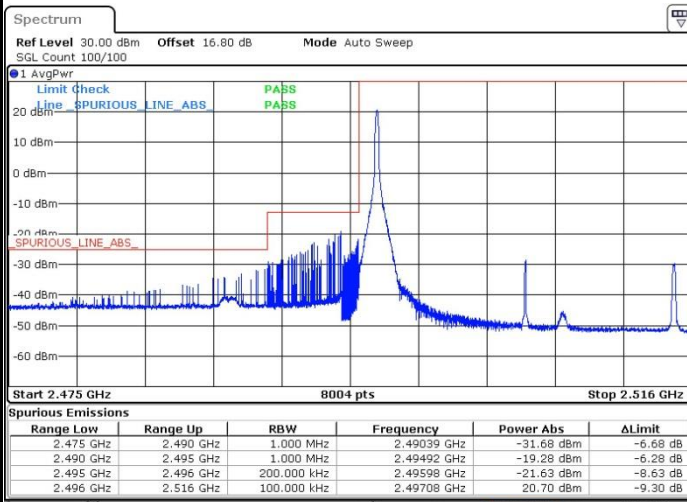




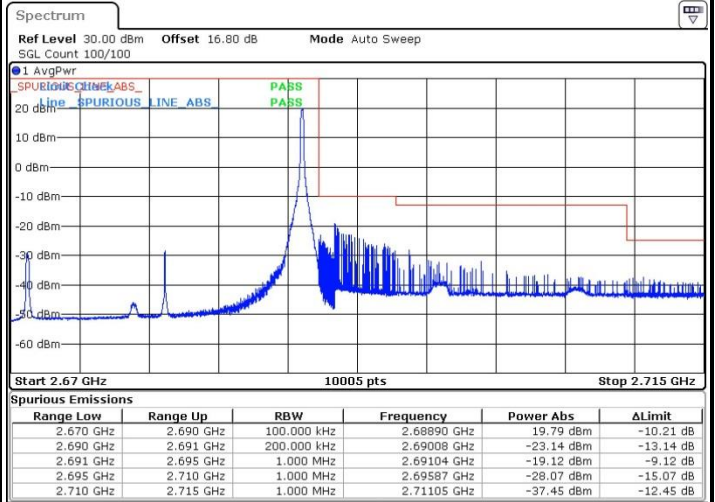
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



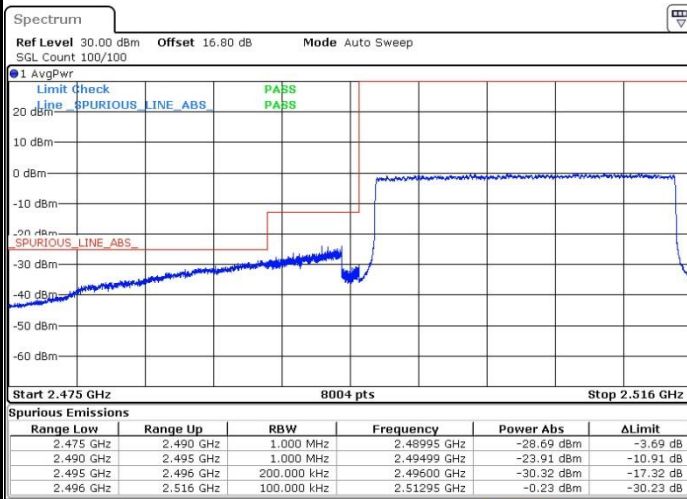
Date: 4 JUN 2015 12:19:57

Highest Band Edge / 1 RB



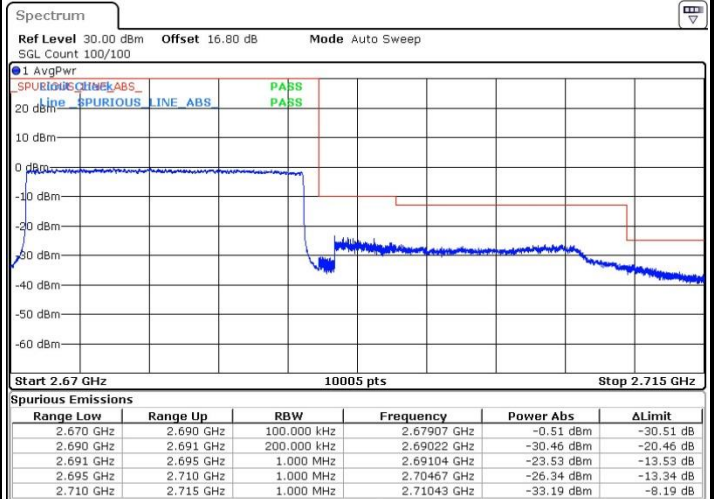
Date: 4 JUN 2015 12:24:36

Lowest Band Edge / Full RB



Date: 4 JUN 2015 12:22:16

Highest Band Edge / Full RB

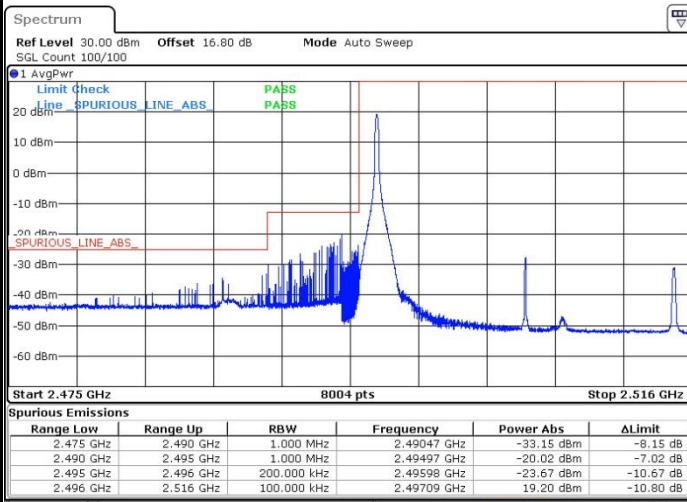


Date: 4 JUN 2015 12:28:06



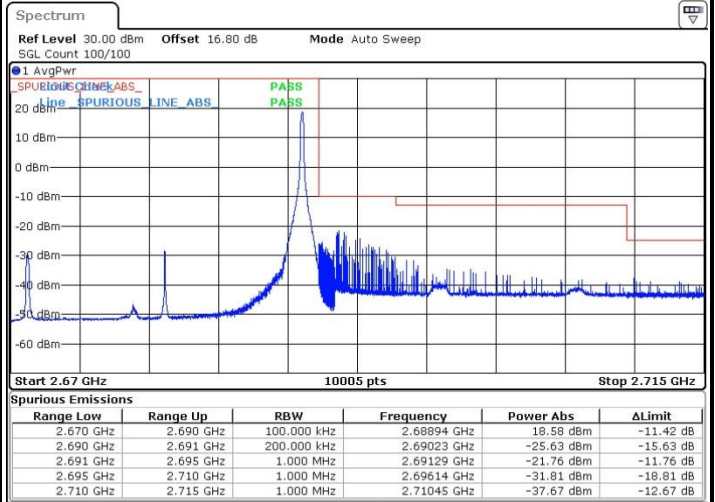
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



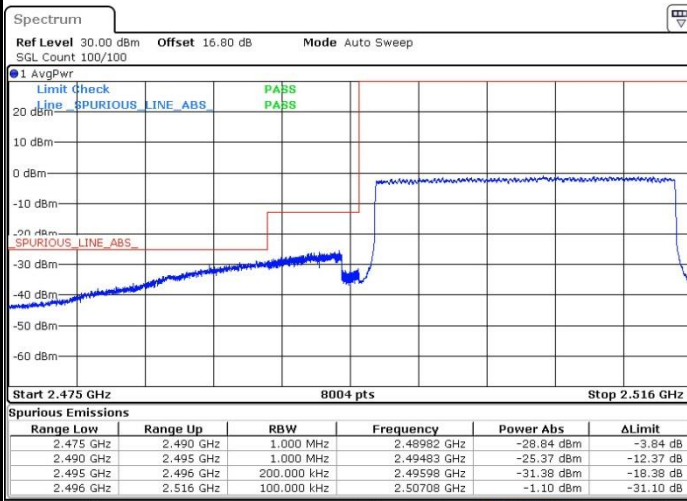
Date: 4 JUN 2015 12:21:07

Highest Band Edge / 1 RB



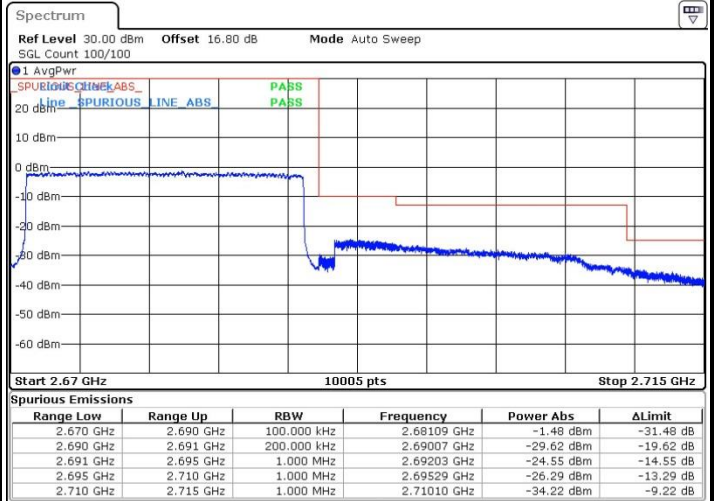
Date: 4 JUN 2015 12:25:45

Lowest Band Edge / Full RB



Date: 4 JUN 2015 12:23:26

Highest Band Edge / Full RB



Date: 4 JUN 2015 12:26:55



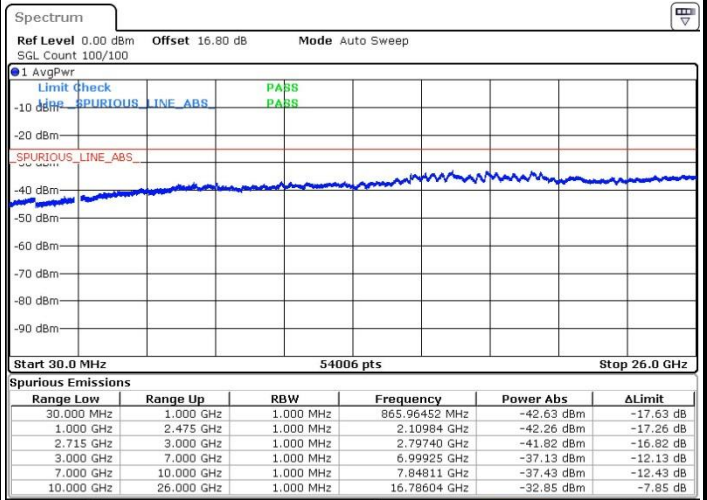
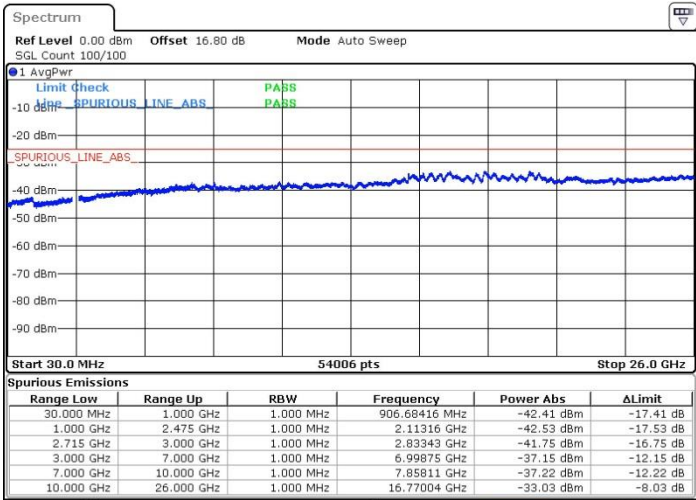
**Conducted Spurious Emission**



LTE Band 41 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

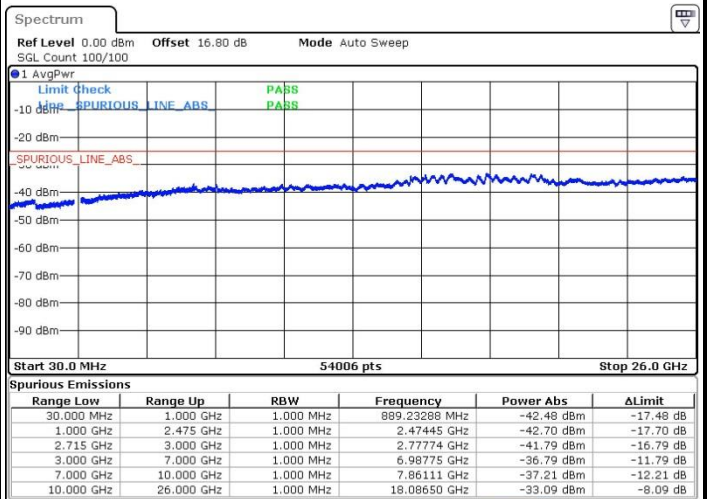
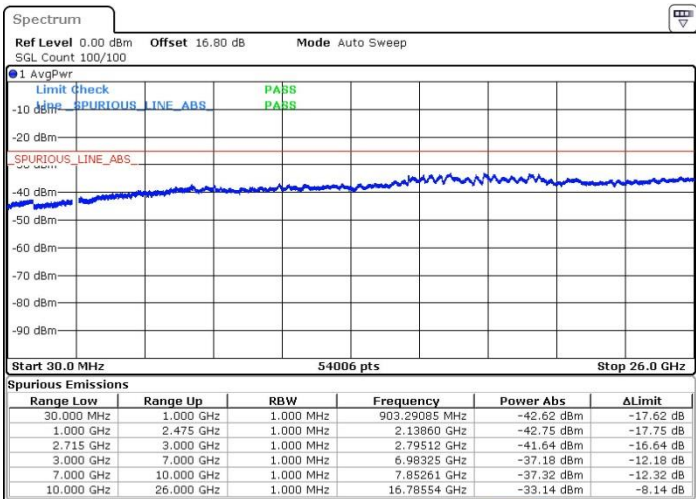


Date: 4 JUN 2015 14:38:18

Date: 4 JUN 2015 14:39:28

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 4 JUN 2015 14:40:38

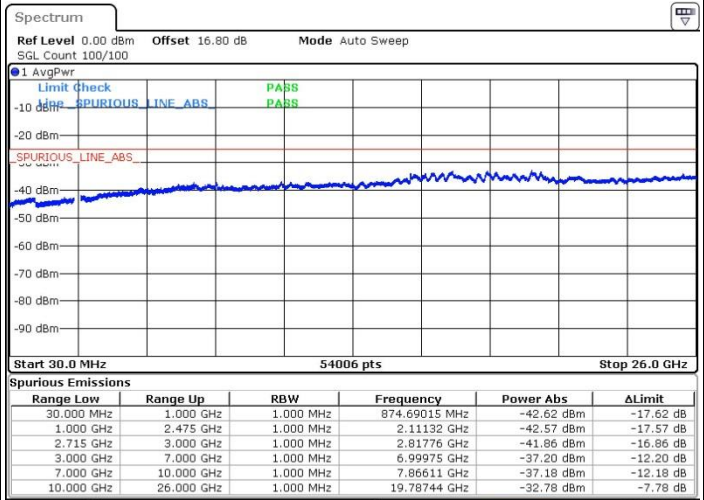
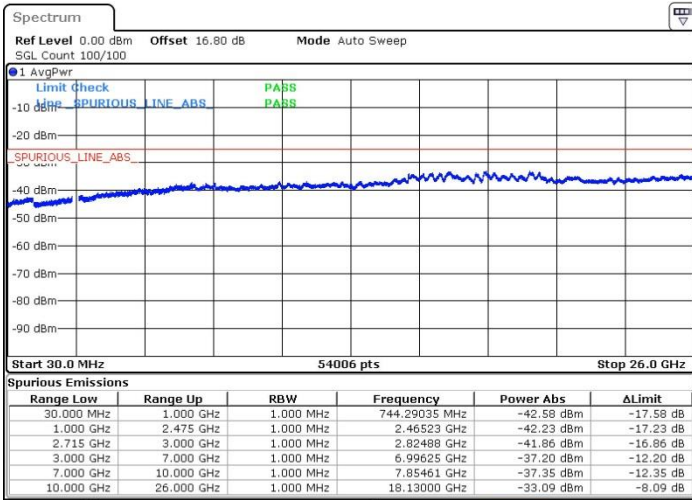
Date: 4 JUN 2015 14:41:48



LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



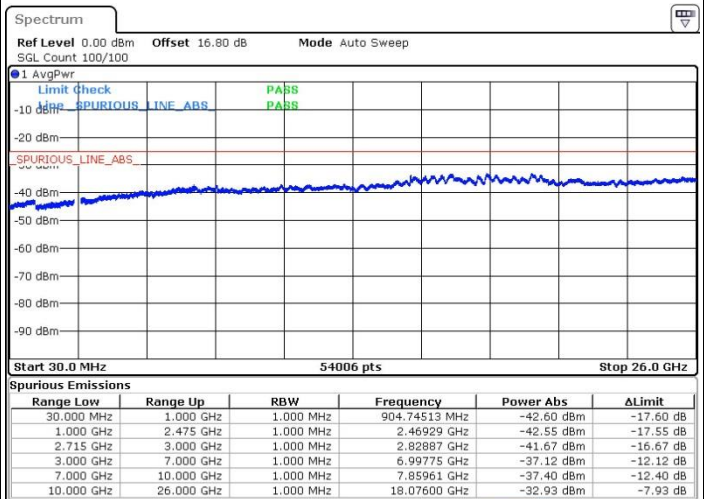
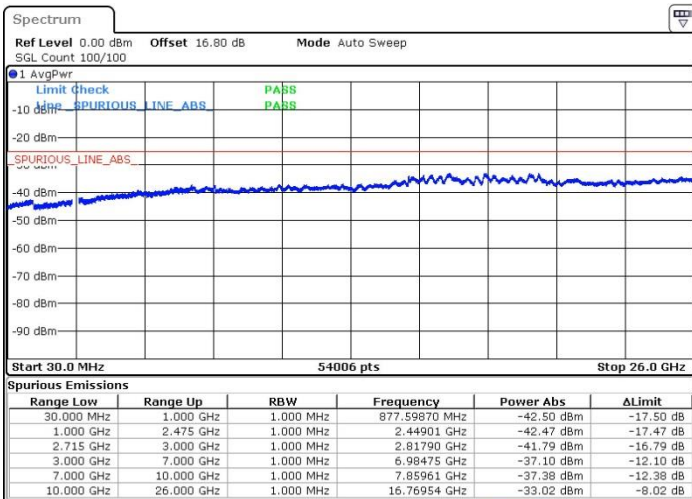
Date: 4 JUN 2015 14:42:58

Date: 4 JUN 2015 14:44:09

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 4 JUN 2015 14:45:19

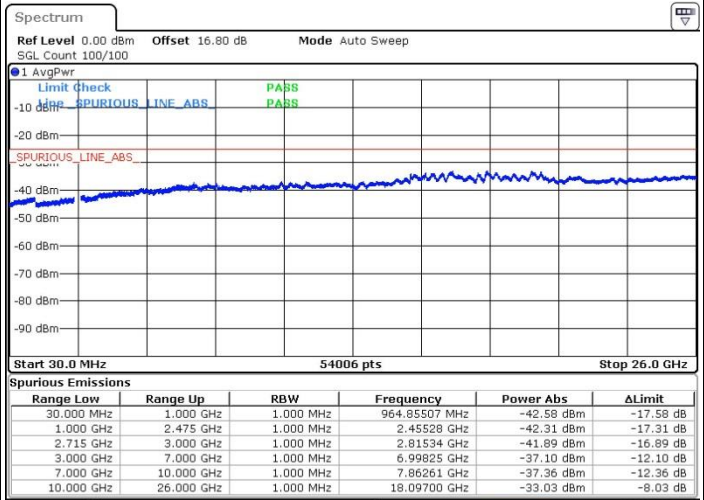
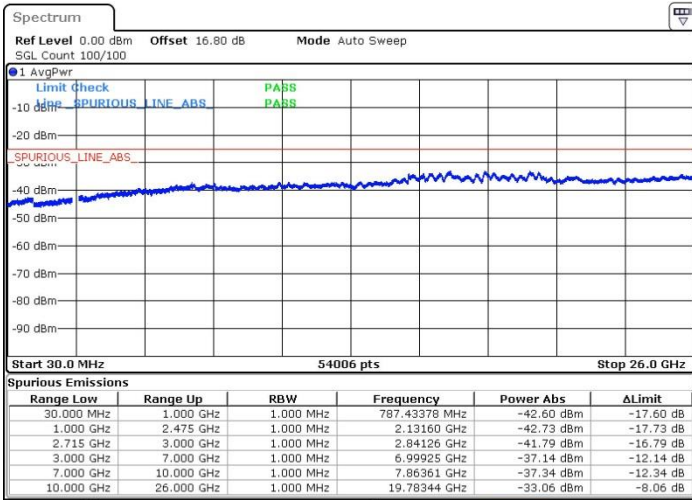
Date: 4 JUN 2015 14:46:29



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

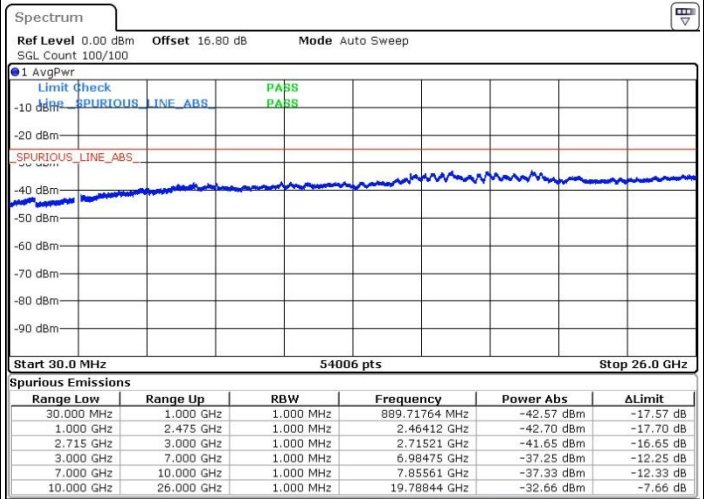
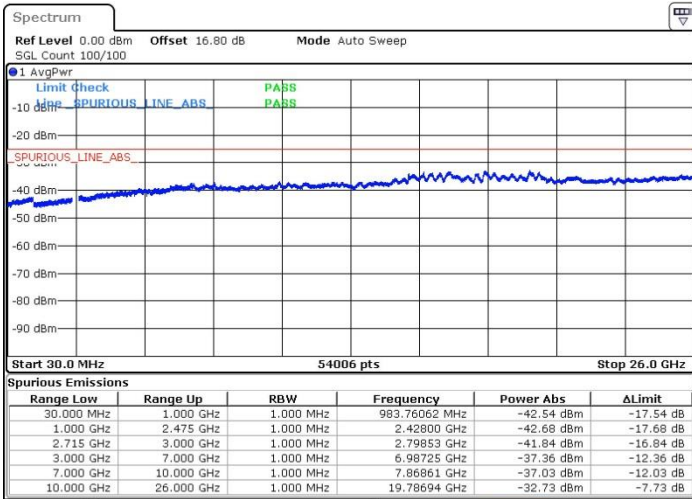


Date: 4 JUN 2015 14:47:39

Date: 4 JUN 2015 14:48:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4 JUN 2015 14:49:58

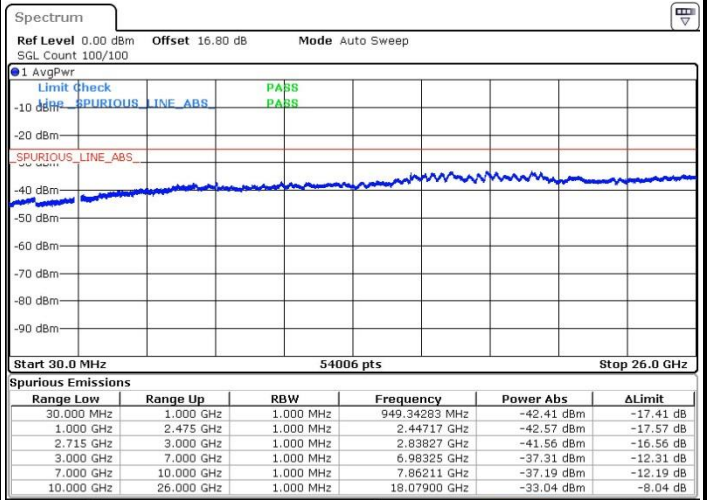
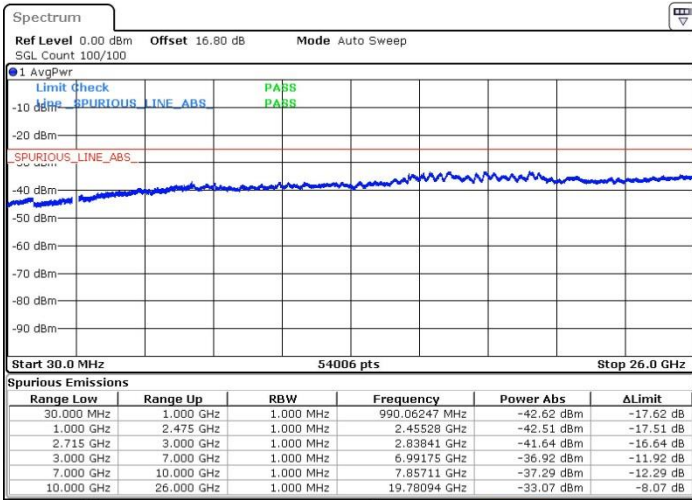
Date: 4 JUN 2015 14:51:08



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

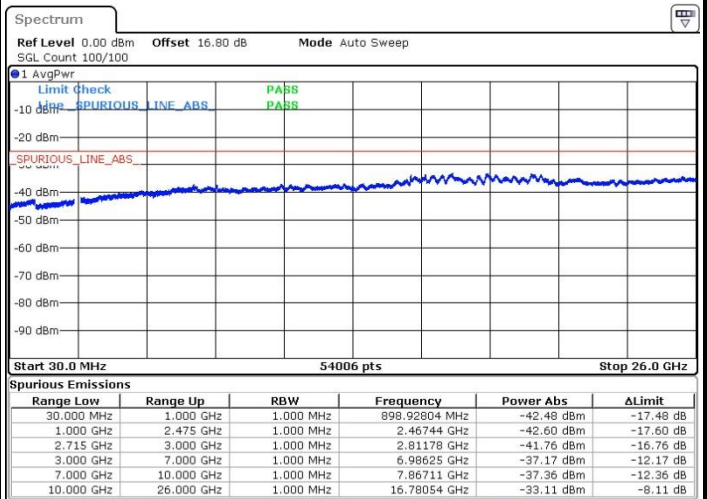
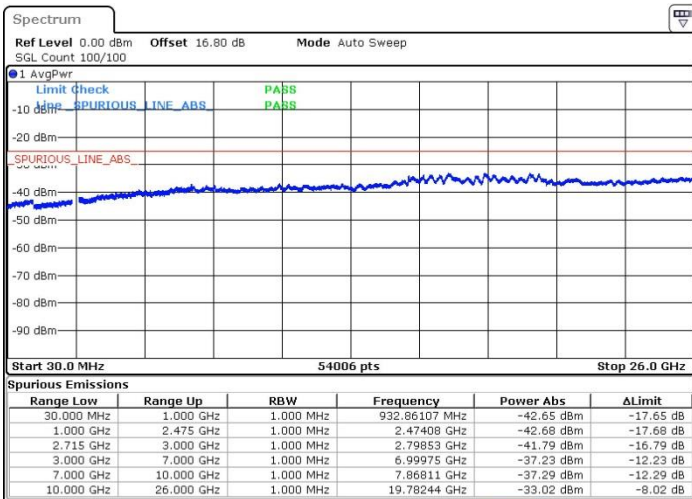


Date: 4 JUN 2015 14:52:18

Date: 4 JUN 2015 14:53:28

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 4 JUN 2015 14:54:38

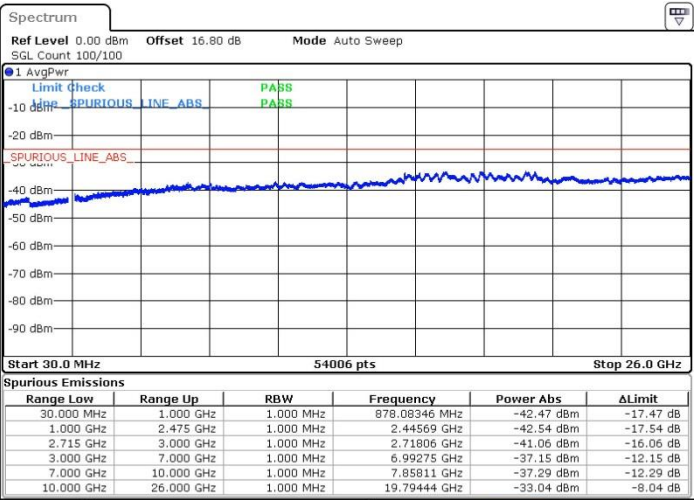
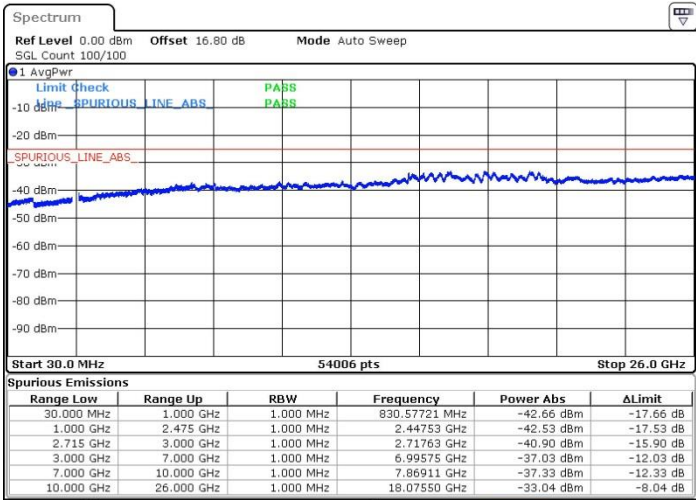
Date: 4 JUN 2015 14:55:48



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



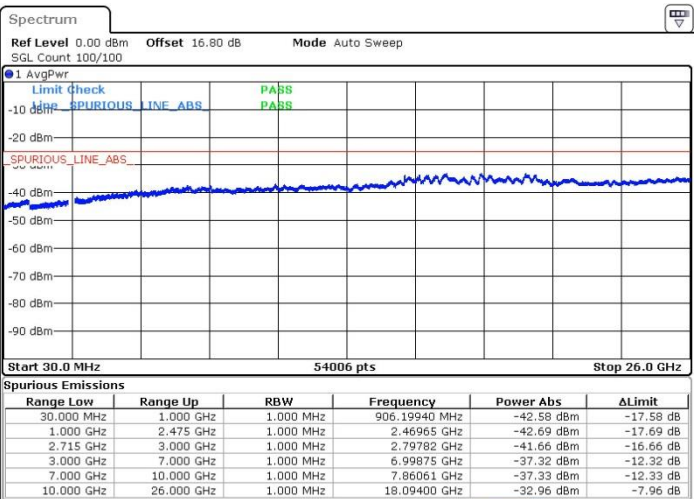
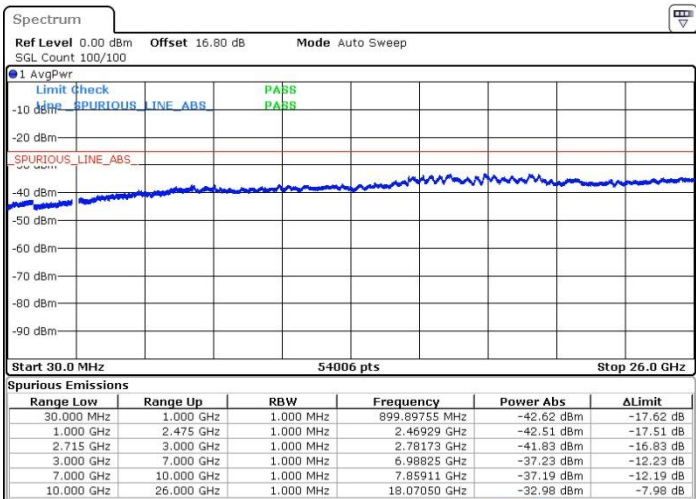
Date: 4 JUN 2015 14:56:58

Date: 4 JUN 2015 14:58:08

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 4 JUN 2015 14:59:18

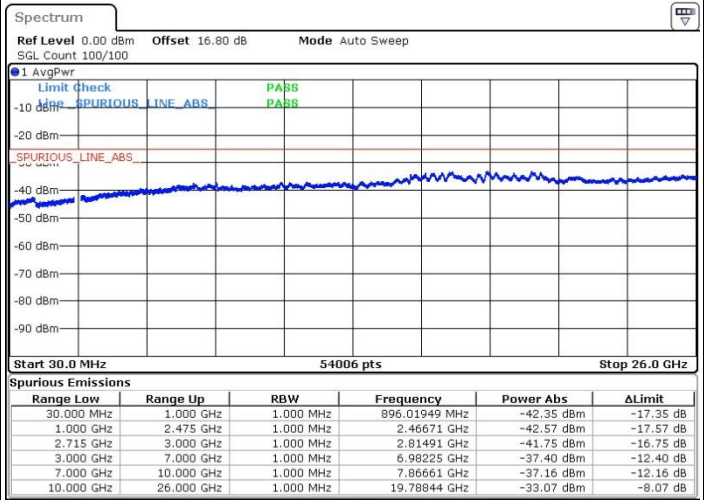
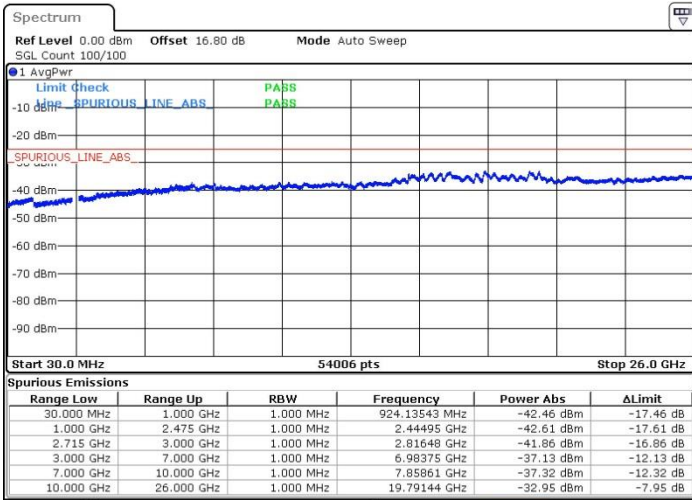
Date: 4 JUN 2015 15:00:29



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

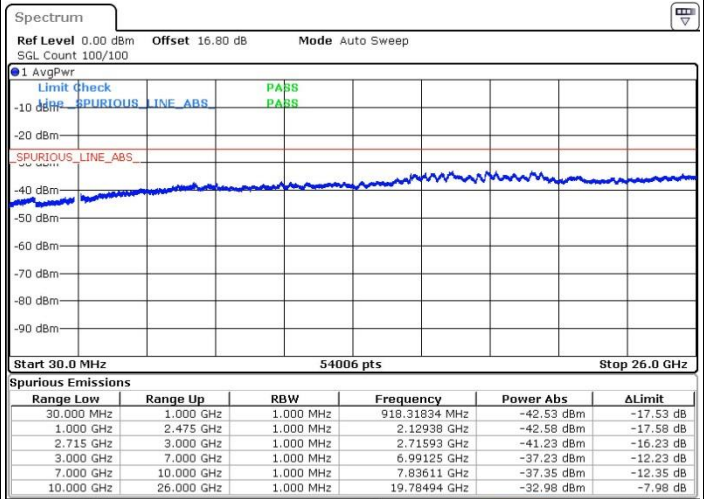
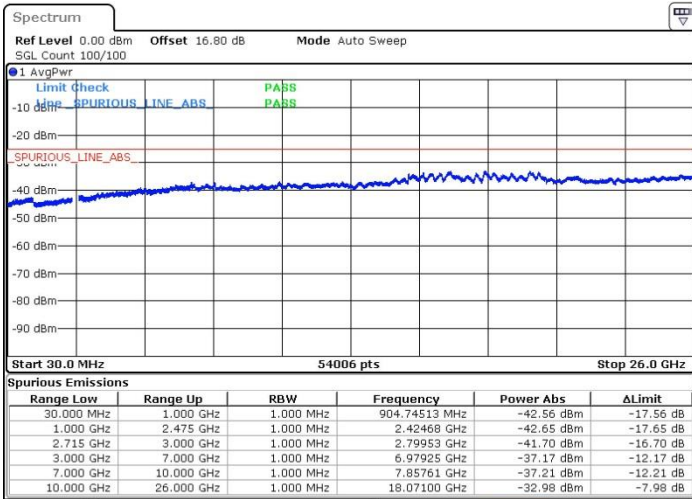


Date: 4 JUN 2015 15:01:39

Date: 4 JUN 2015 15:02:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4 JUN 2015 15:03:59

Date: 4 JUN 2015 15:05:08



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0055	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0074	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0060	
-30	Normal Voltage	0.0053	
20	Maximum Voltage	0.0078	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0057	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



## LTE Band 5

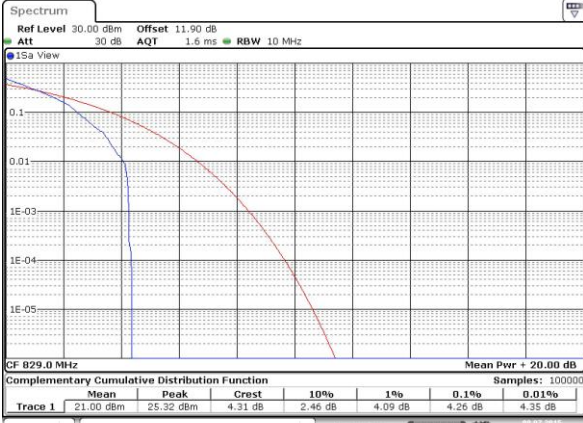
### Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.26	5.3	4.99	6.23	<b>PASS</b>
Middle CH	4.61	5.28	5.28	6.14	
Highest CH	4.49	5.28	5.33	6.17	



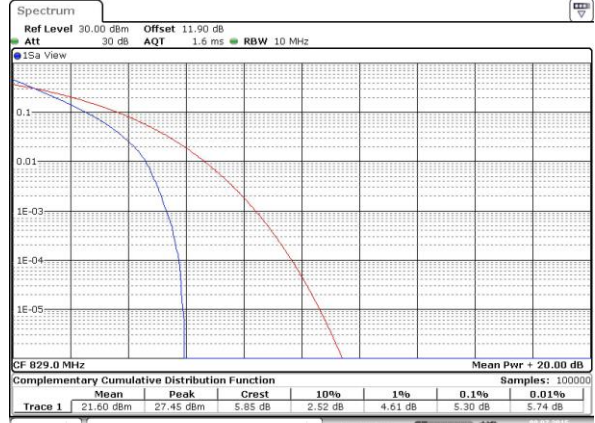
LTE Band 5 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 8 JUL 2015 21:50:46

Lowest Channel / Full RB



Date: 8 JUL 2015 21:51:14

Middle Channel / 1RB



Date: 8 JUL 2015 21:50:20

Middle Channel / Full RB



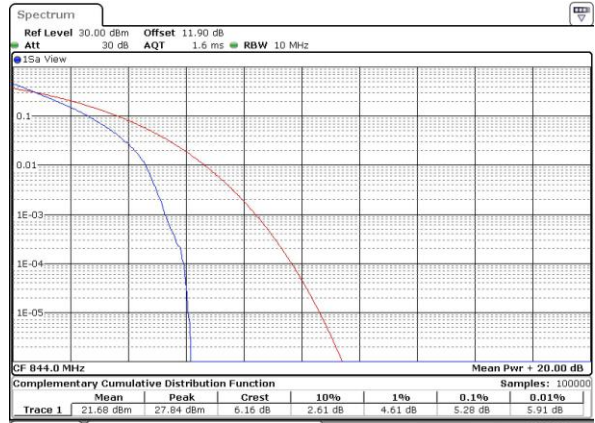
Date: 8 JUL 2015 21:51:12

Highest Channel / 1RB



Date: 8 JUL 2015 21:49:43

Highest Channel / Full RB

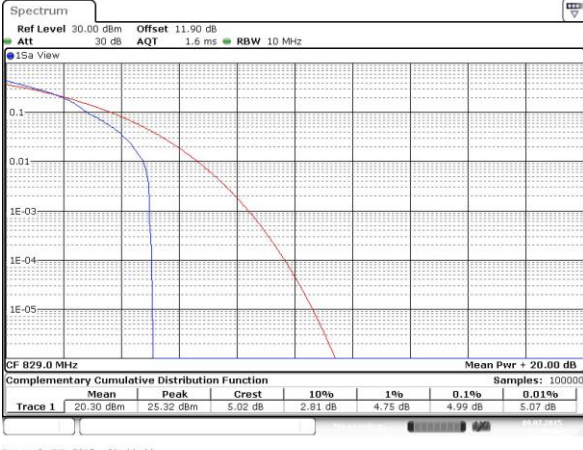


Date: 8 JUL 2015 21:49:57



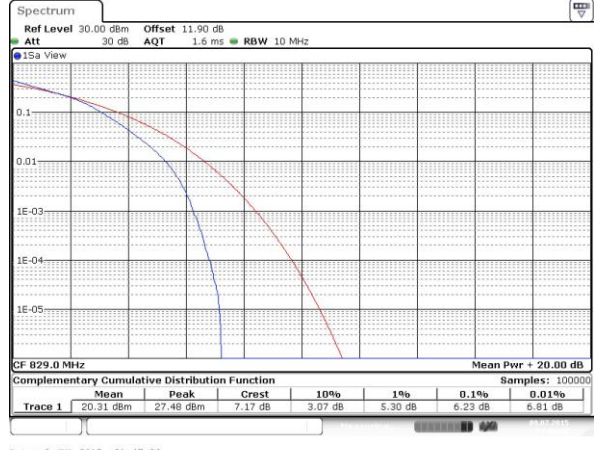
LTE Band 5 / 10MHz / 16QAM

Lowest Channel / 1RB



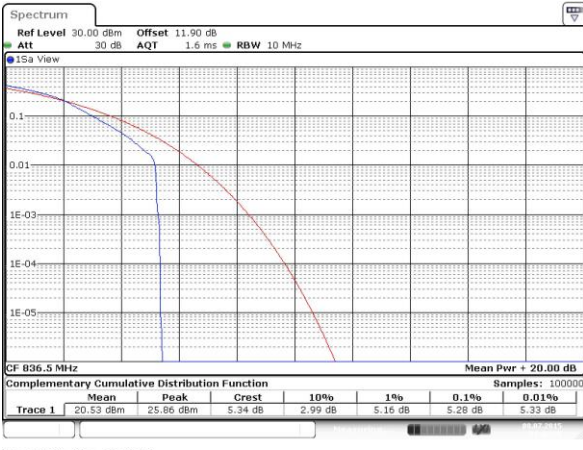
Date: 8 JUL 2015 21:44:44

Lowest Channel / Full RB



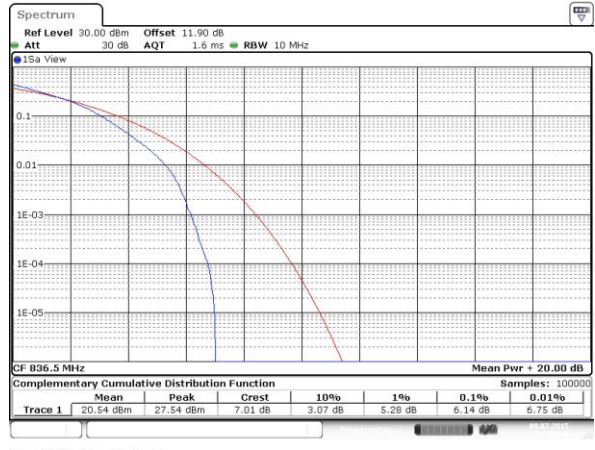
Date: 8 JUL 2015 21:47:22

Middle Channel / 1RB



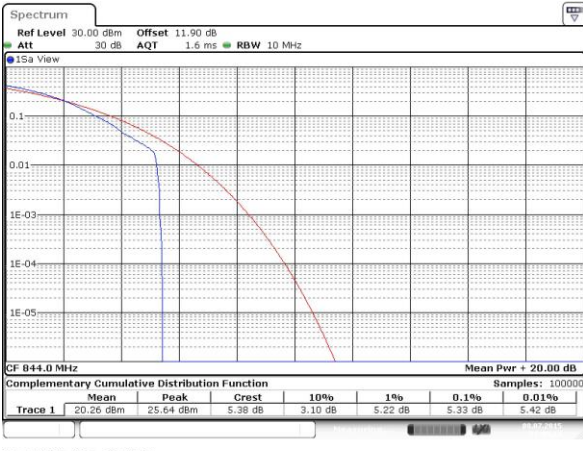
Date: 8 JUL 2015 21:47:35

Middle Channel / Full RB



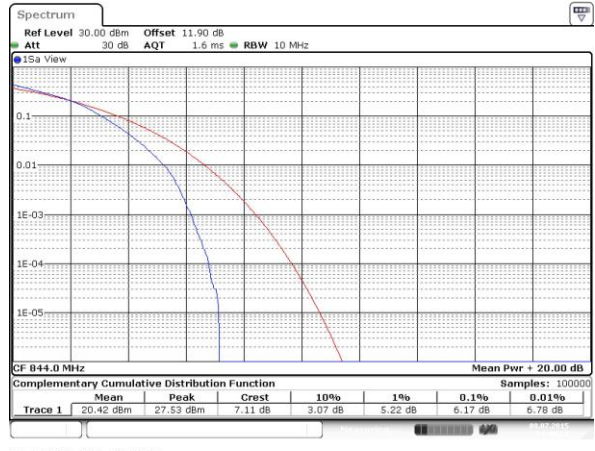
Date: 8 JUL 2015 21:47:46

Highest Channel / 1RB



Date: 8 JUL 2015 21:49:14

Highest Channel / Full RB



Date: 8 JUL 2015 21:48:10



**26dB Bandwidth**

Mode	LTE Band 5 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.29	3.5	3.05	5.05	5.05	10.09	9.95	-	-	-	-
Middle CH	1.29	1.29	3.05	3.06	5.05	5.05	10.09	9.95	-	-	-	-
Highest CH	1.29	1.3	3.05	3.05	5.06	5.03	10.03	9.93	-	-	-	-