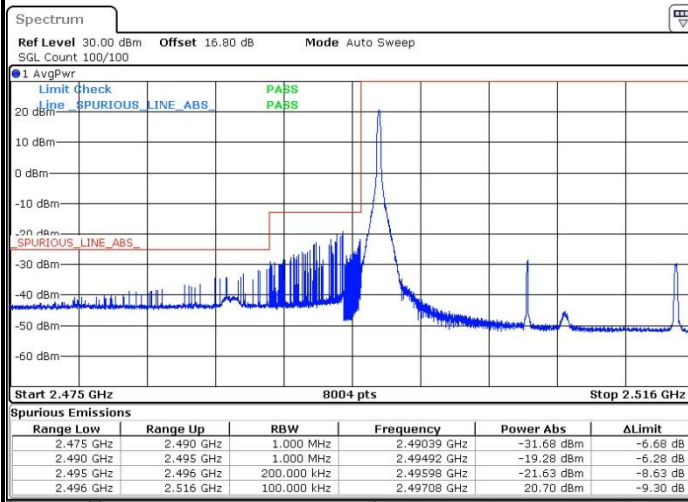


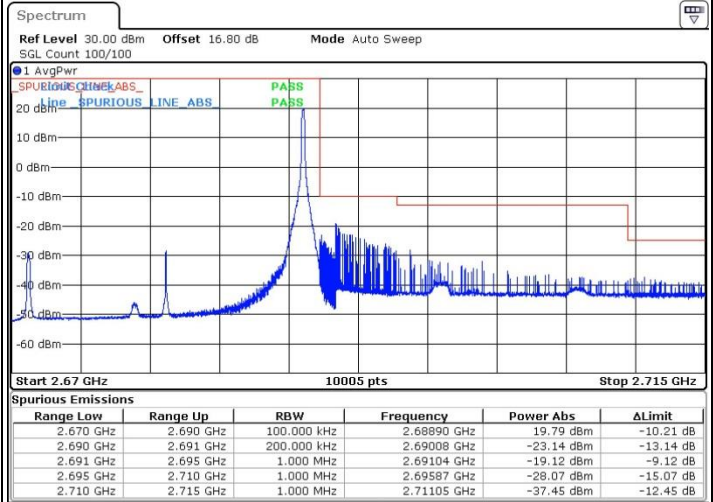


LTE Band 41 / 20MHz / QPSK

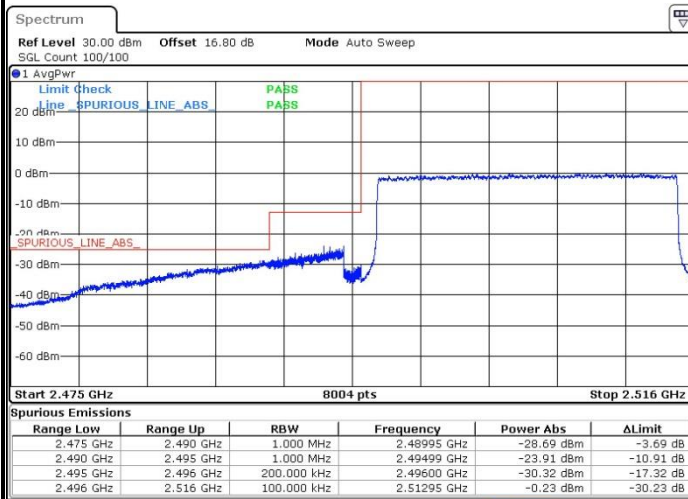
Lowest Band Edge / 1 RB



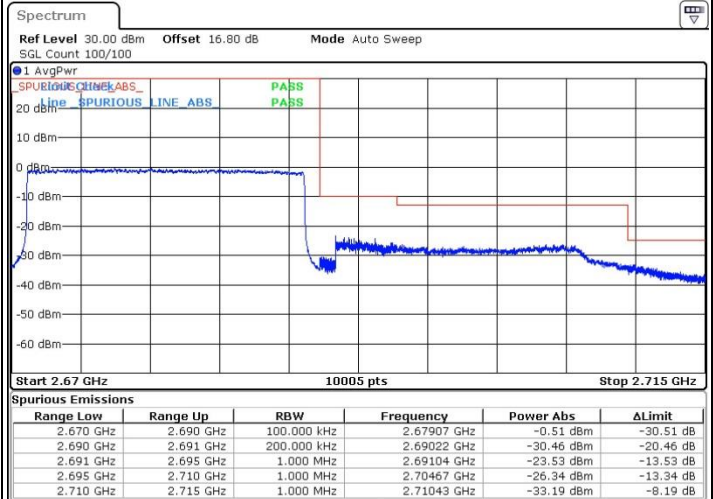
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



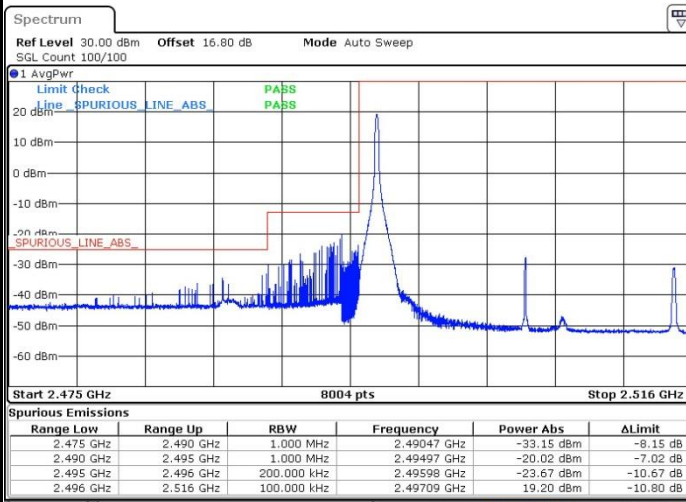
Highest Band Edge / Full RB



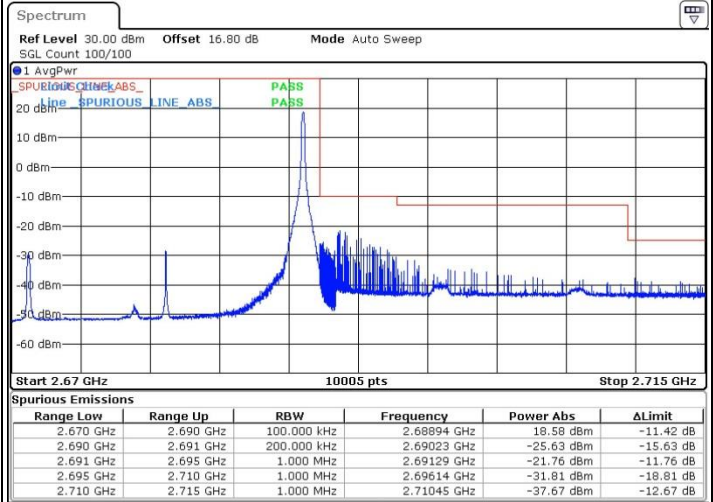


LTE Band 41 / 20MHz / 16QAM

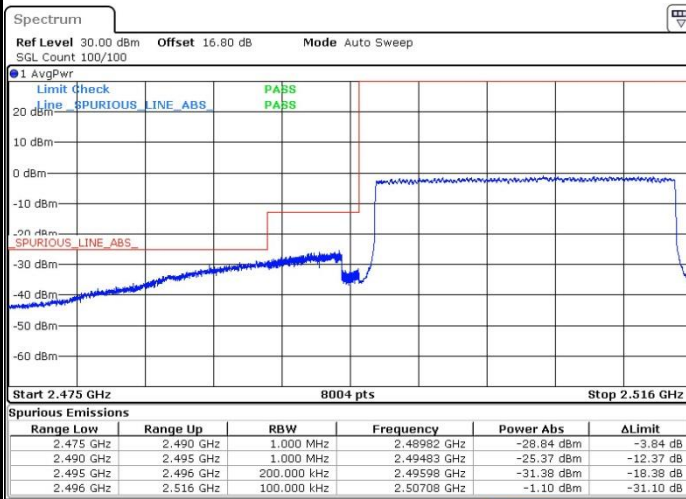
Lowest Band Edge / 1 RB



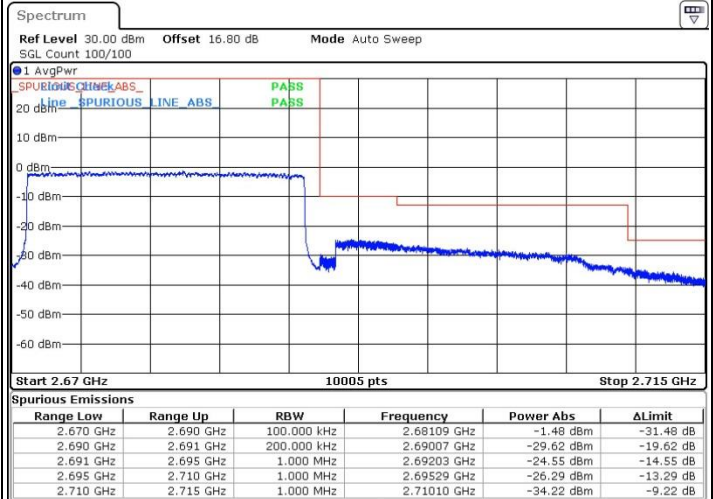
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



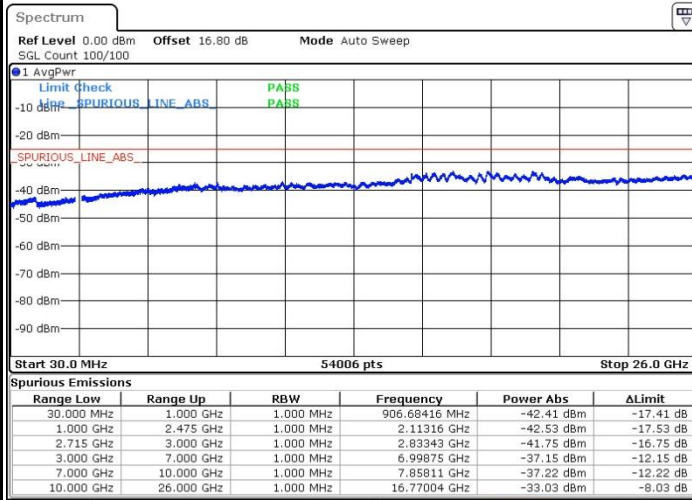


Conducted Spurious Emission



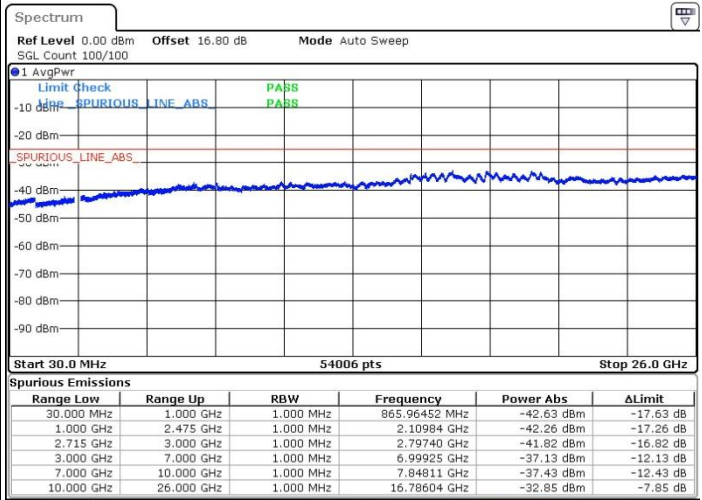
LTE Band 41 / 5MHz

Lowest Channel / QPSK



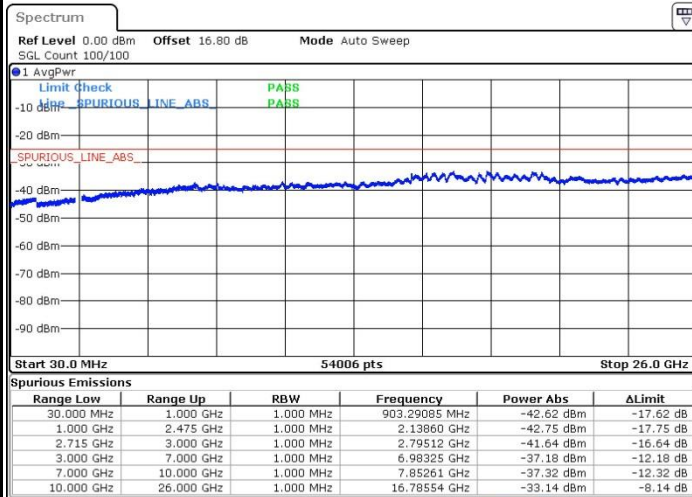
Date: 4 JUN 2015 14:38:18

Lowest Channel / 16QAM



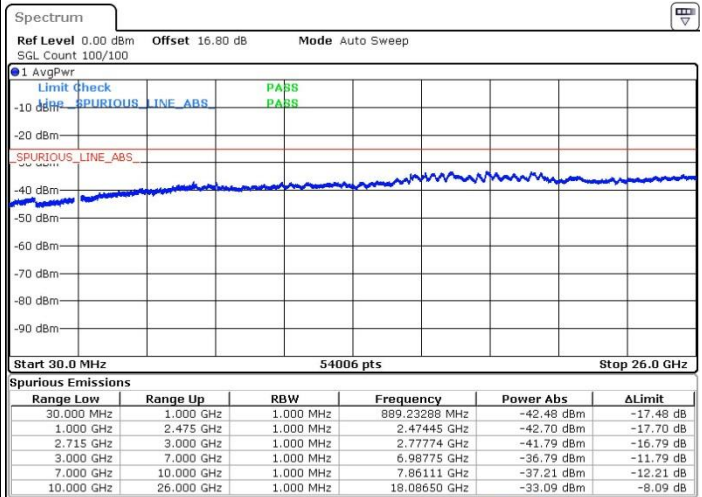
Date: 4 JUN 2015 14:39:28

Middle Channel / QPSK



Date: 4 JUN 2015 14:40:38

Middle Channel / 16QAM

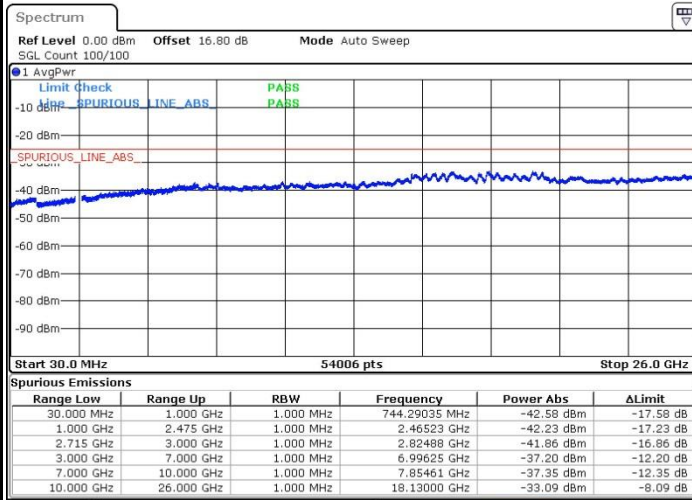


Date: 4 JUN 2015 14:41:48



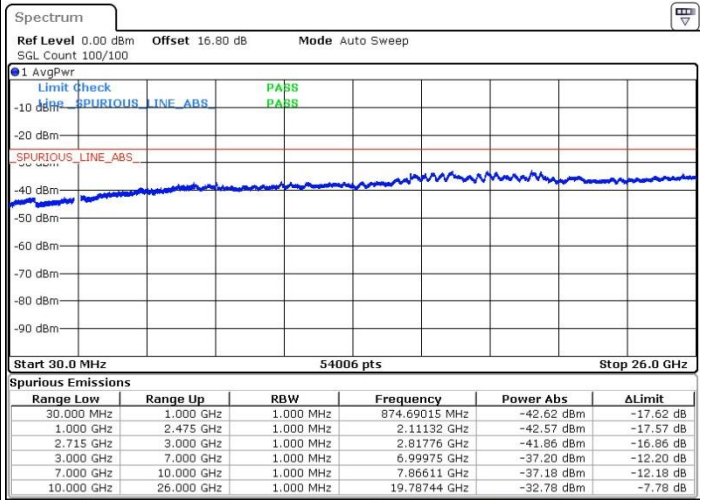
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 4 JUN 2015 14:42:58

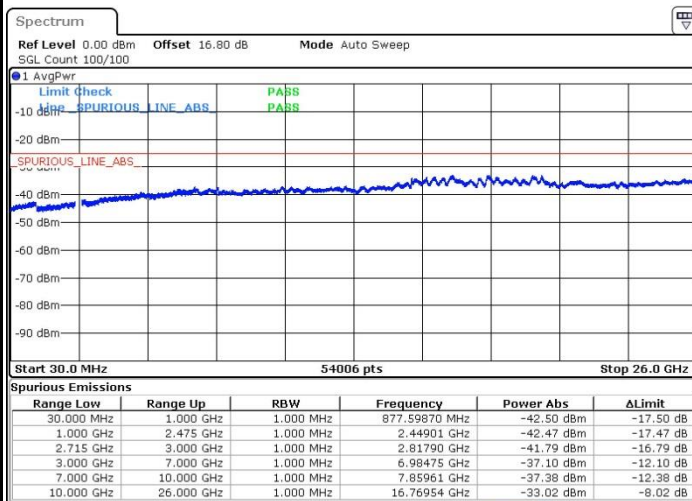
Highest Channel / 16QAM



Date: 4 JUN 2015 14:44:09

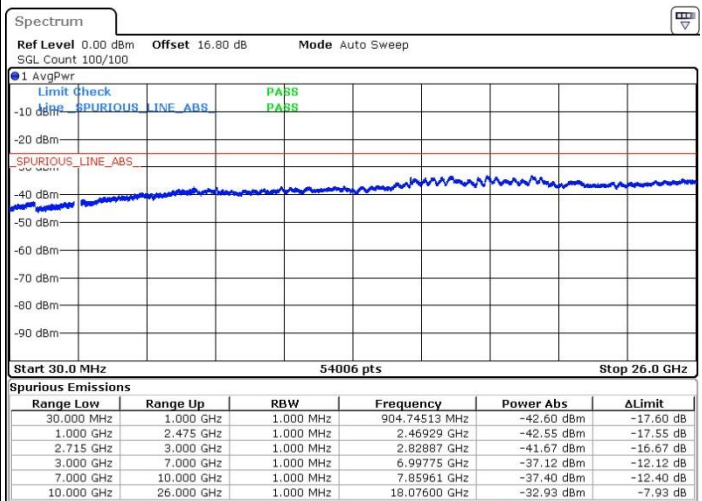
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 4 JUN 2015 14:45:19

Lowest Channel / 16QAM

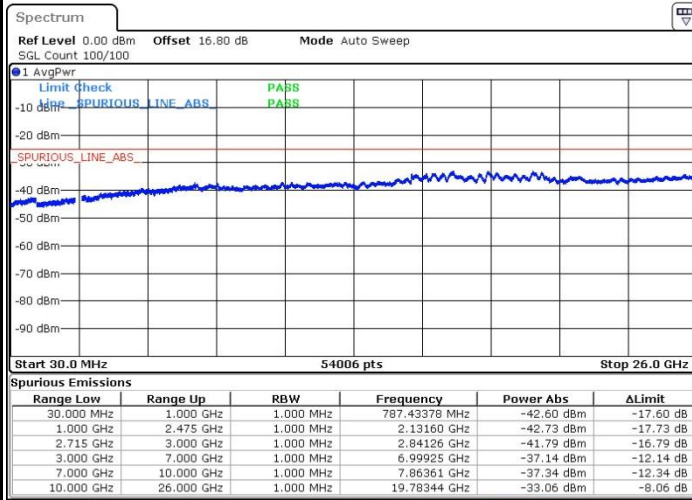


Date: 4 JUN 2015 14:46:29



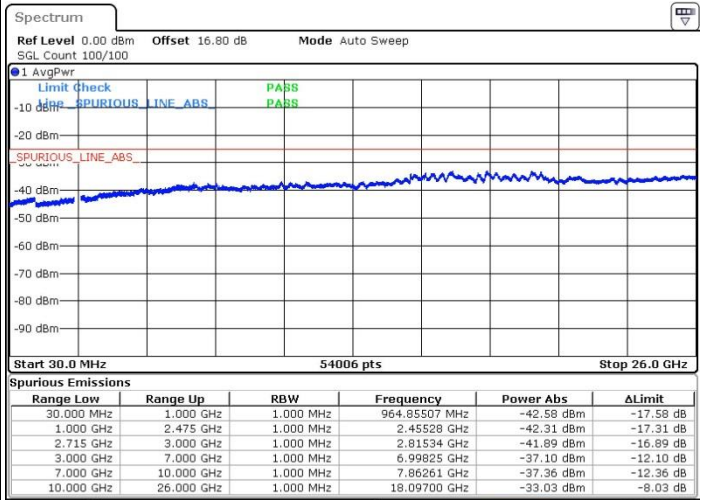
LTE Band 41 / 10MHz

Middle Channel / QPSK



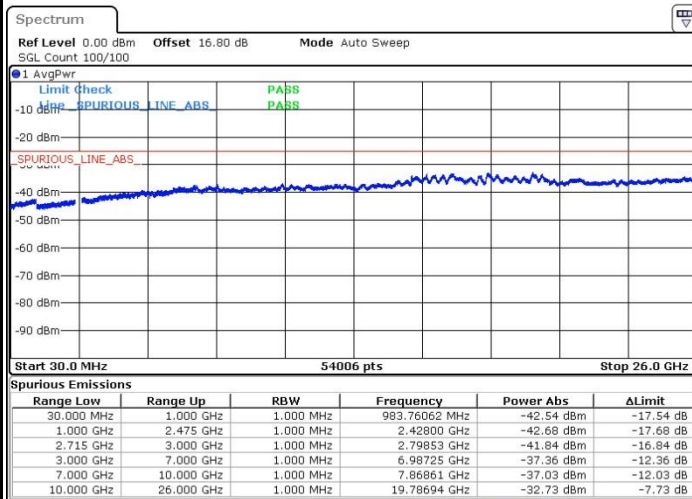
Date: 4 JUN 2015 14:47:39

Middle Channel / 16QAM



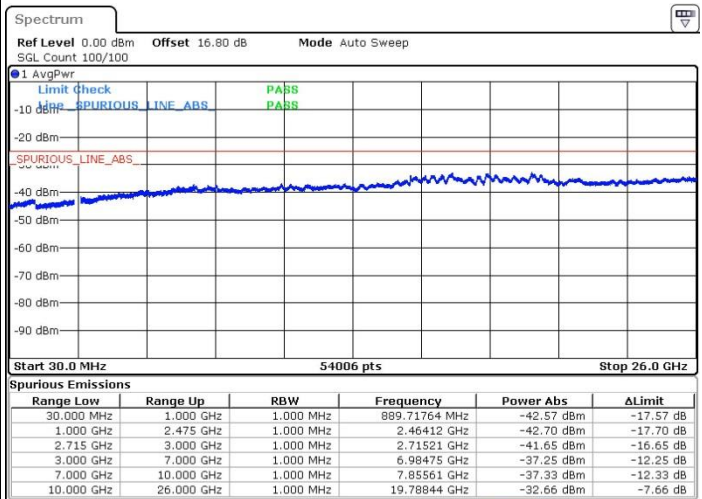
Date: 4 JUN 2015 14:48:48

Highest Channel / QPSK



Date: 4 JUN 2015 14:49:58

Highest Channel / 16QAM

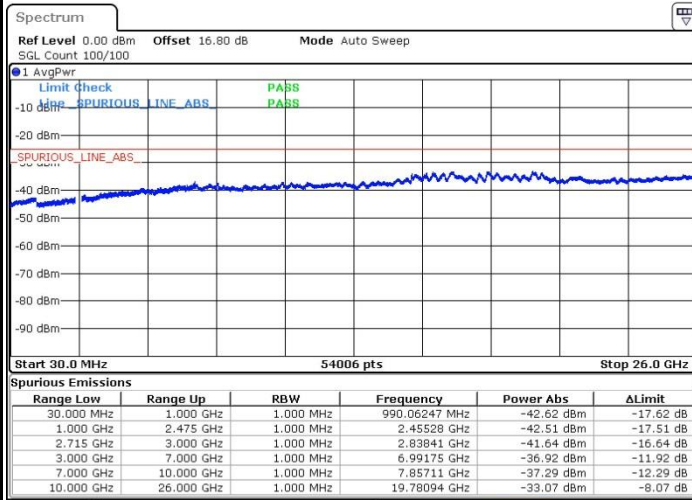


Date: 4 JUN 2015 14:51:08



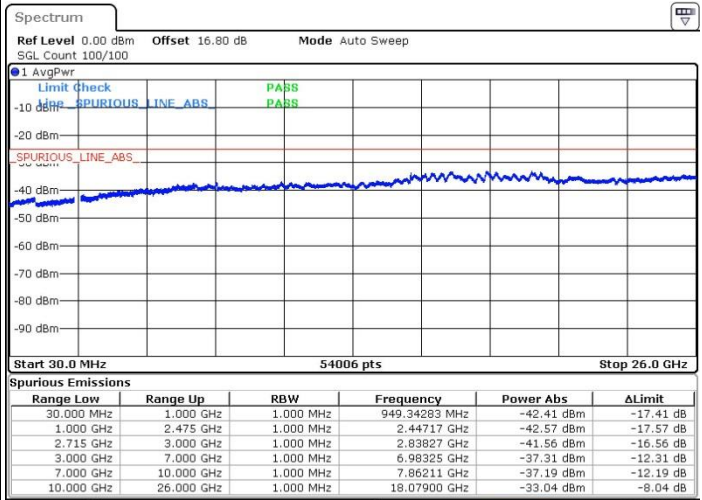
LTE Band 41 / 15MHz

Lowest Channel / QPSK



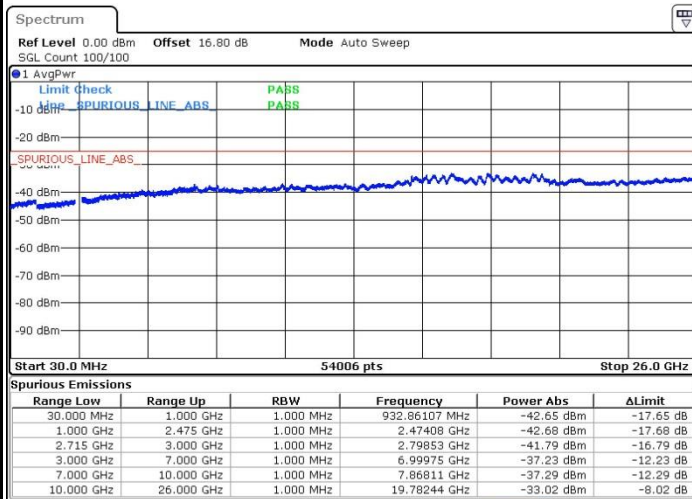
Date: 4 JUN 2015 14:52:18

Lowest Channel / 16QAM



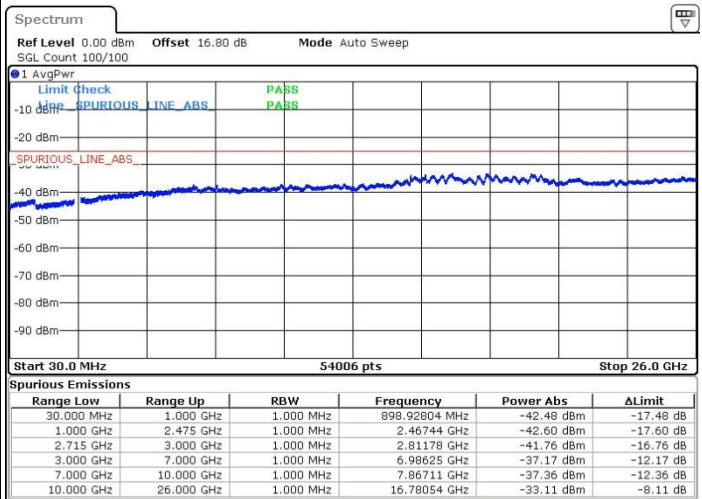
Date: 4 JUN 2015 14:53:28

Middle Channel / QPSK



Date: 4 JUN 2015 14:54:38

Middle Channel / 16QAM

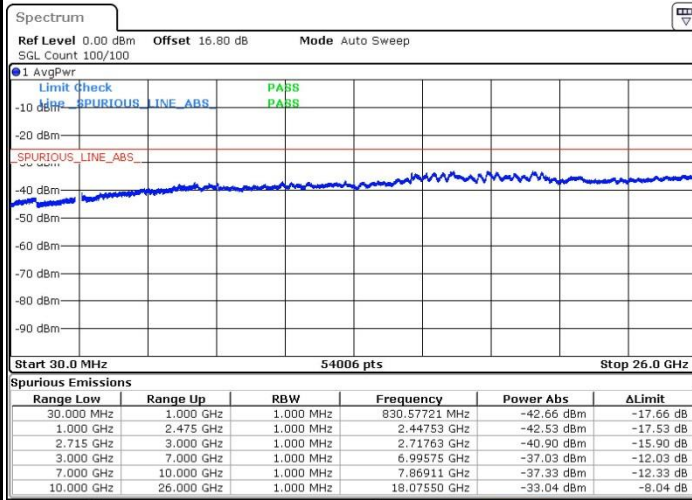


Date: 4 JUN 2015 14:55:48



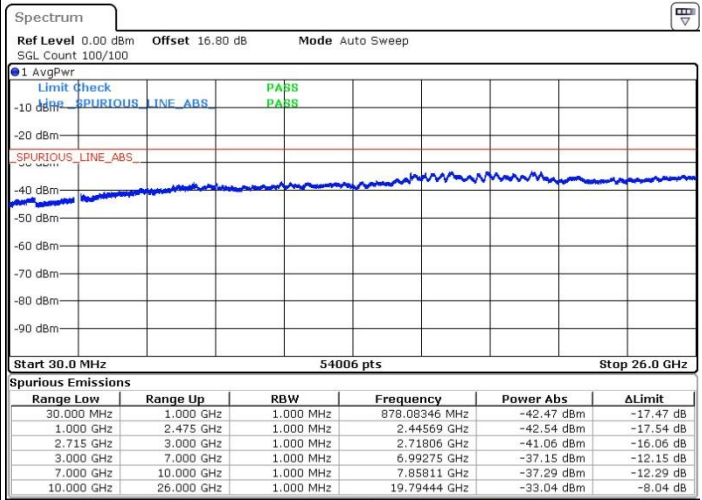
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 4 JUN 2015 14:56:58

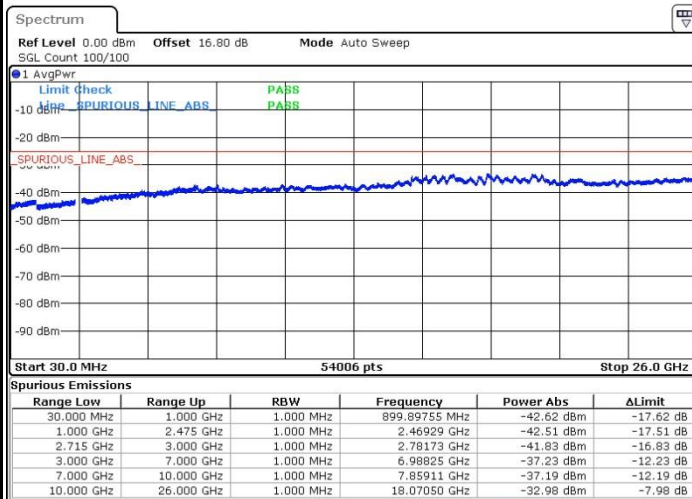
Highest Channel / 16QAM



Date: 4 JUN 2015 14:58:08

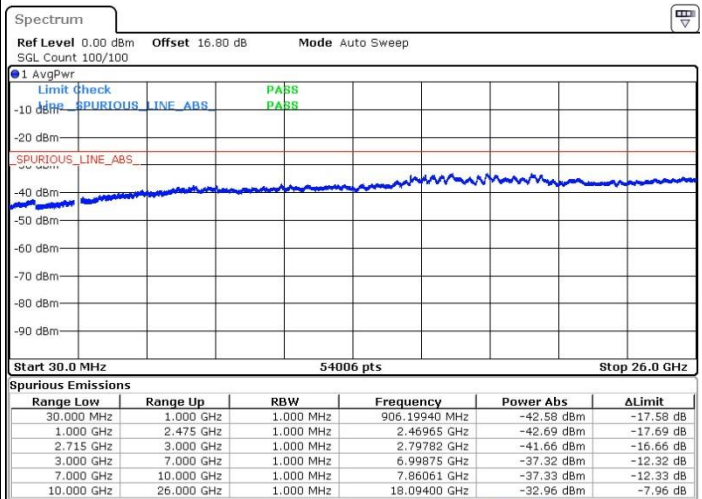
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 4 JUN 2015 14:59:18

Lowest Channel / 16QAM

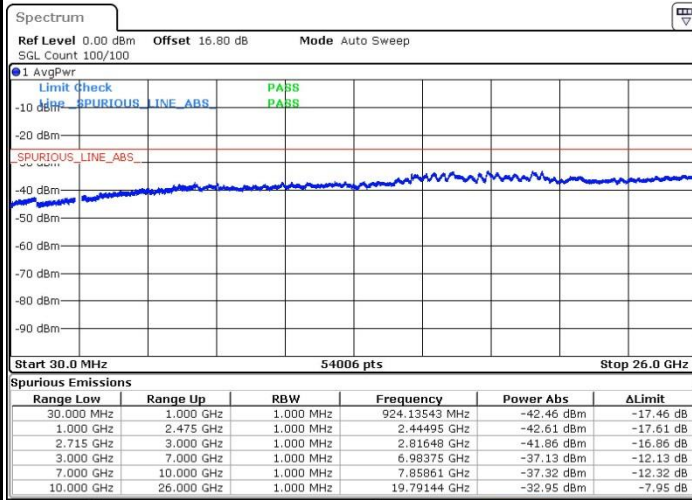


Date: 4 JUN 2015 15:00:29



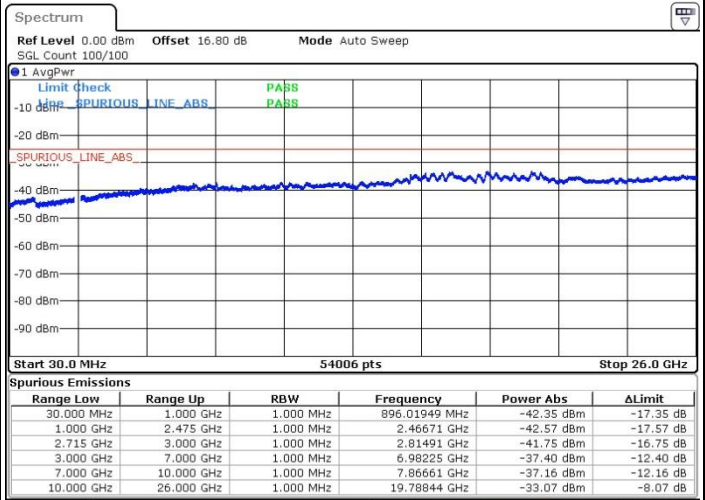
LTE Band 41 / 20MHz

Middle Channel / QPSK



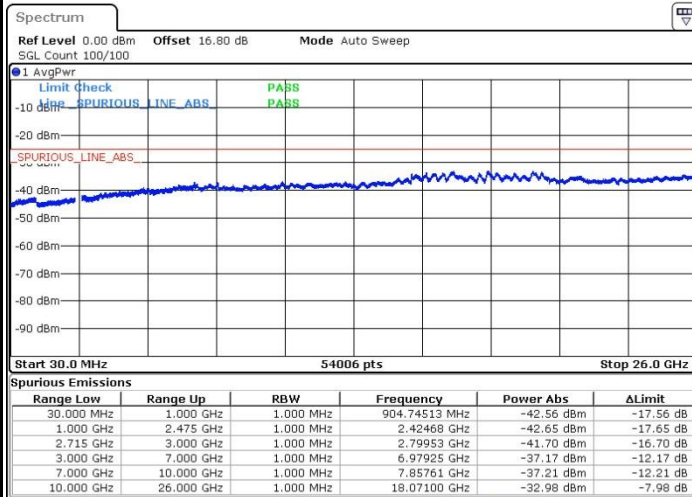
Date: 4 JUN 2015 15:01:39

Middle Channel / 16QAM



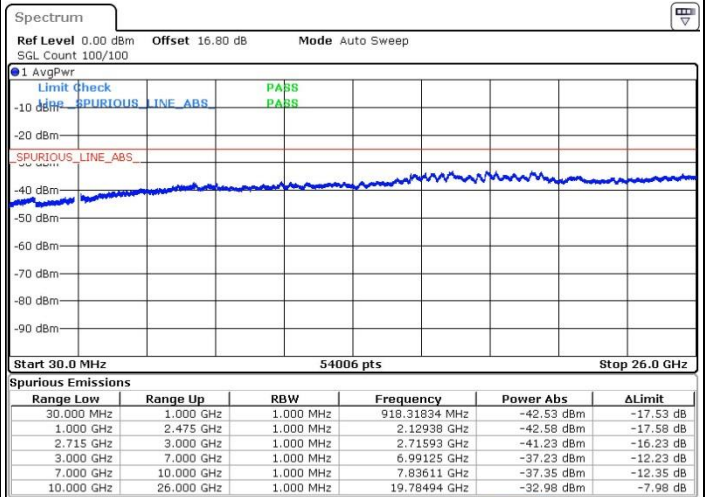
Date: 4 JUN 2015 15:02:48

Highest Channel / QPSK



Date: 4 JUN 2015 15:03:59

Highest Channel / 16QAM



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	PASS
Middle CH	4.61	5.28	5.28	6.14	
Highest CH	4.49	5.28	5.33	6.17	

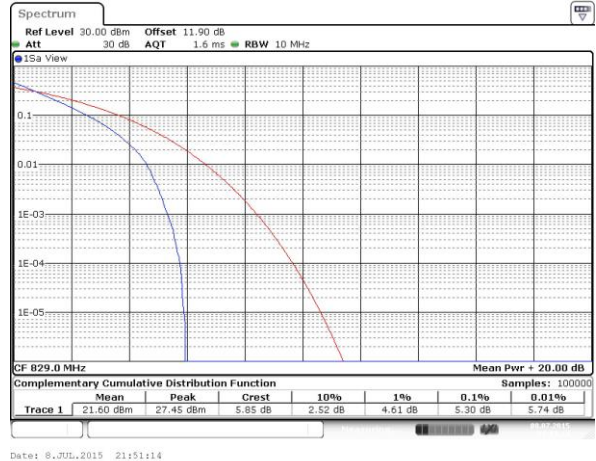


LTE Band 5 / 10MHz / QPSK

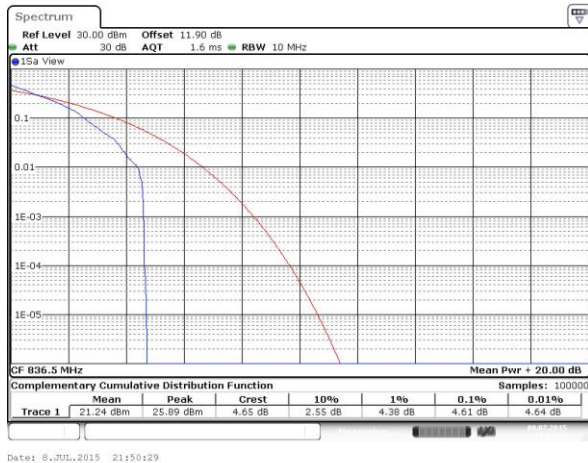
Lowest Channel / 1RB



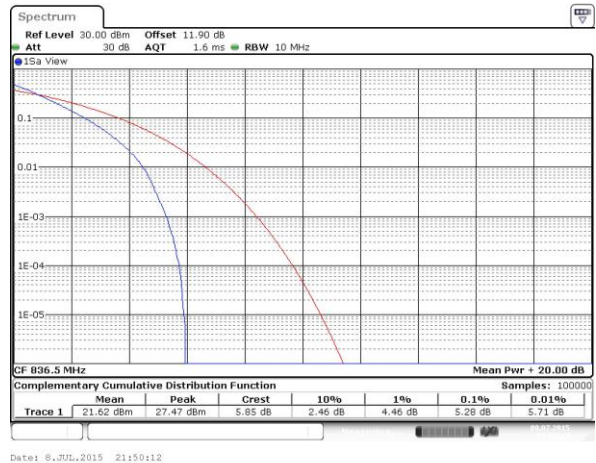
Lowest Channel / Full RB



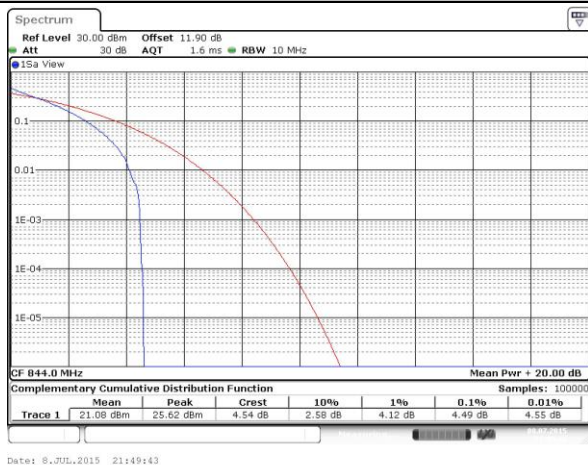
Middle Channel / 1RB



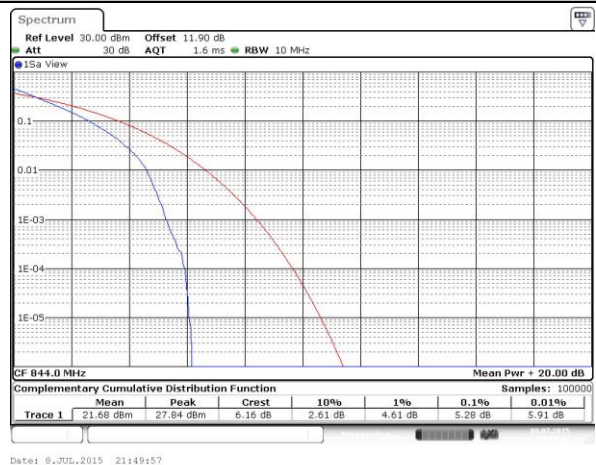
Middle Channel / Full RB



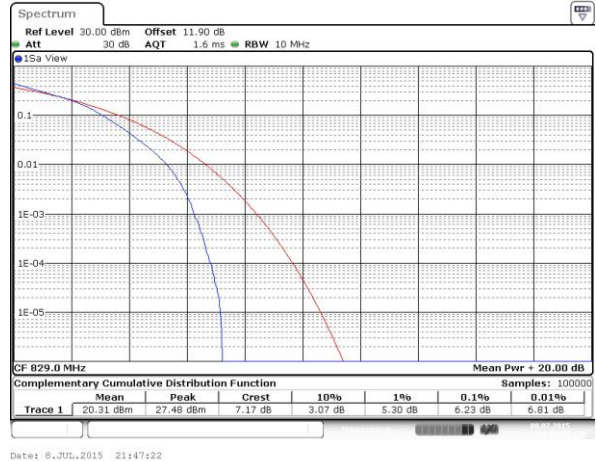
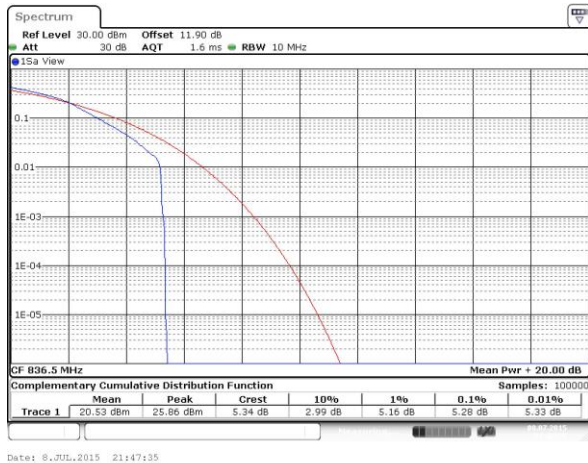
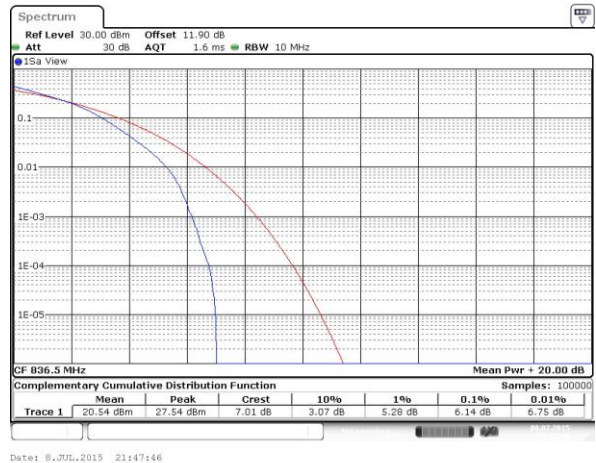
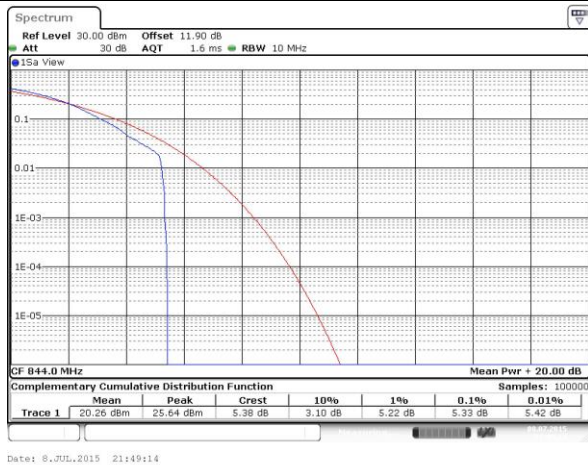
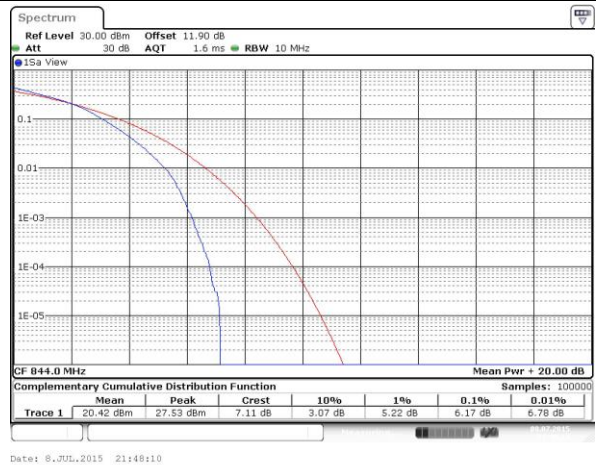
Highest Channel / 1RB



Highest Channel / Full RB



LTE Band 5 / 10MHz / 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 5 : 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	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	-	-	-	-