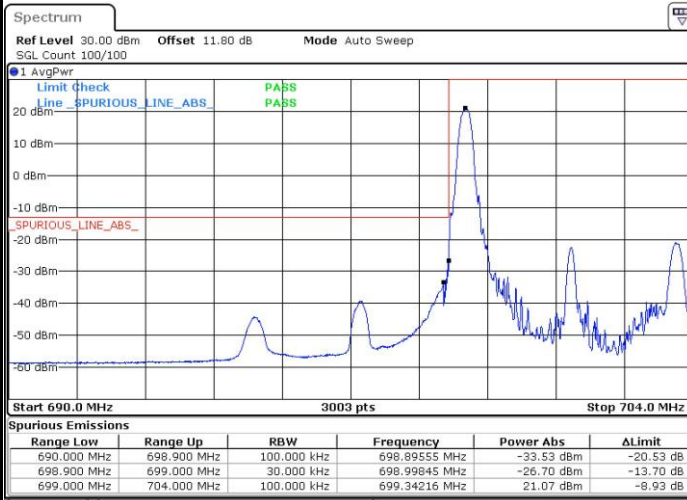




LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



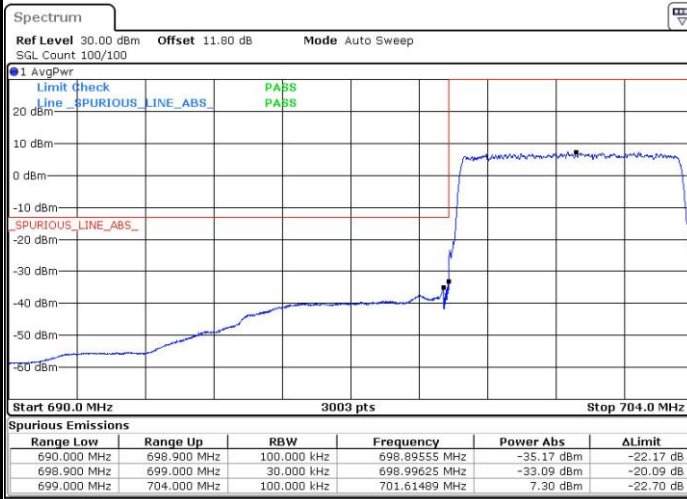
Date: 9.JUL.2015 01:19:10

Highest Band Edge / 1 RB



Date: 9.JUL.2015 01:30:21

Lowest Band Edge / Full RB



Date: 9.JUL.2015 01:13:27

Highest Band Edge / Full RB

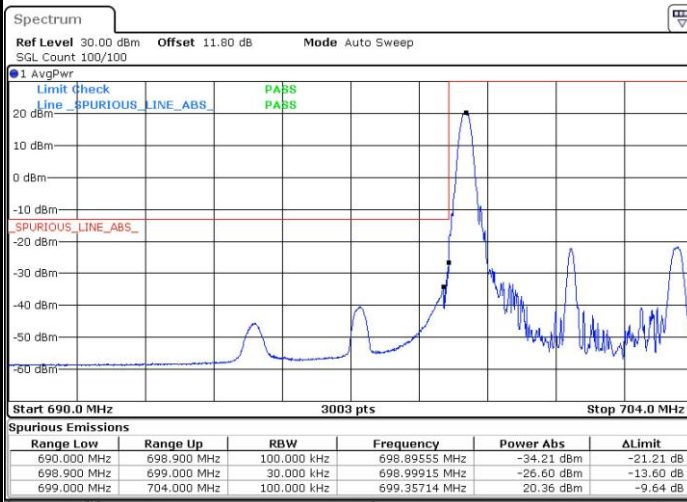


Date: 9.JUL.2015 01:26:32



LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 9.JUL.2015 01:17:16

Highest Band Edge / 1 RB



Date: 9.JUL.2015 01:32:16

Lowest Band Edge / Full RB



Date: 9.JUL.2015 01:15:21

Highest Band Edge / Full RB

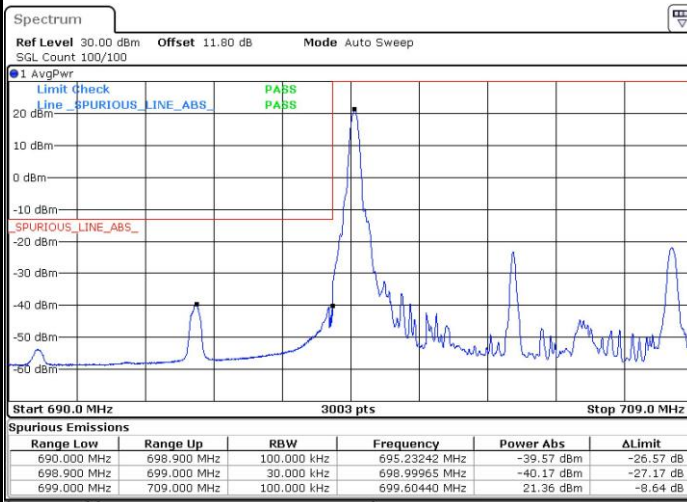


Date: 9.JUL.2015 01:28:27



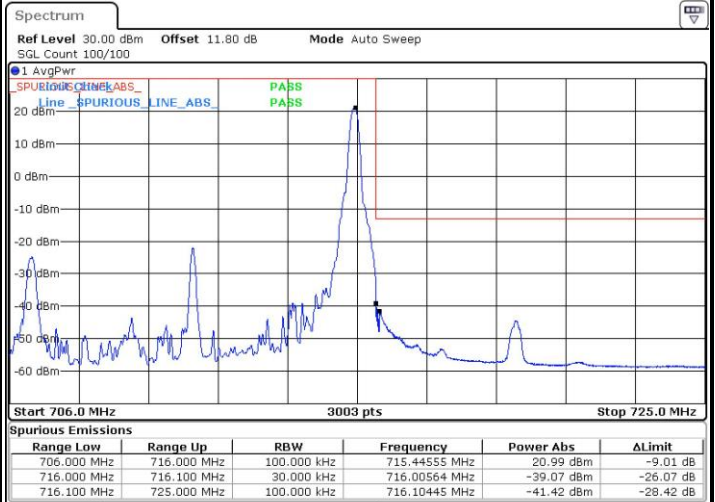
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



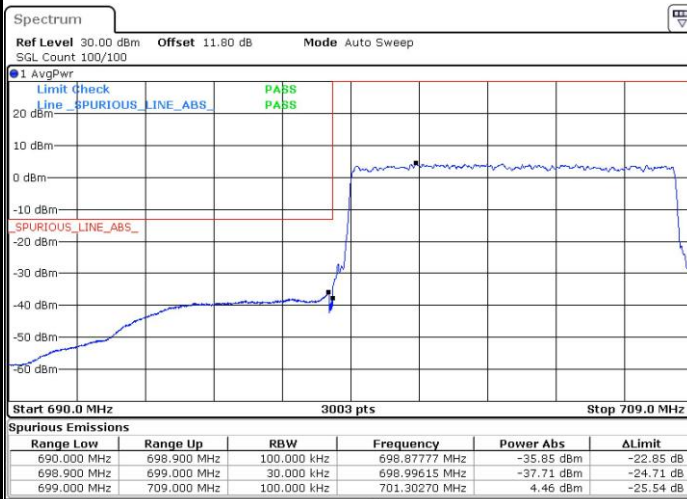
Date: 9.JUL.2015 01:42:37

Highest Band Edge / 1 RB



Date: 9.JUL.2015 01:55:43

Lowest Band Edge / Full RB



Date: 9.JUL.2015 01:36:54

Highest Band Edge / Full RB

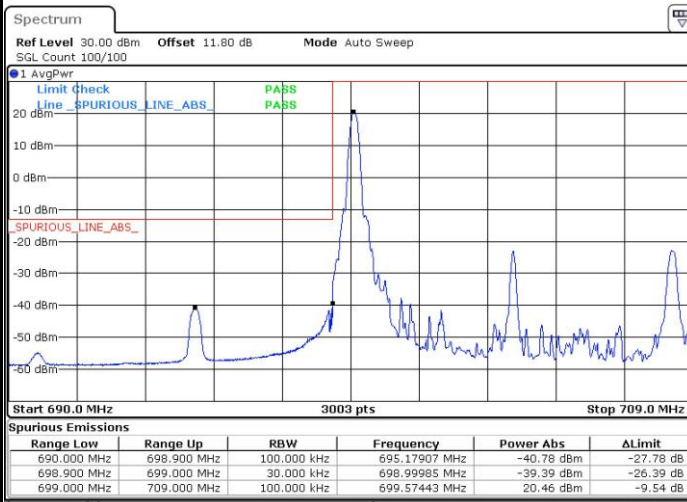


Date: 9.JUL.2015 01:49:59



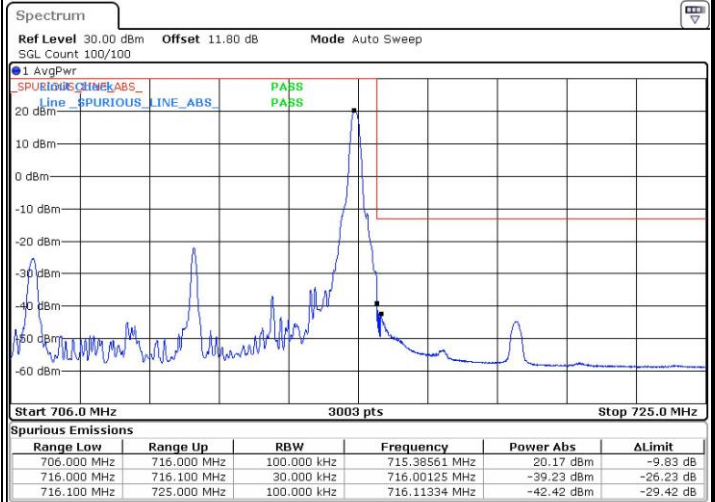
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



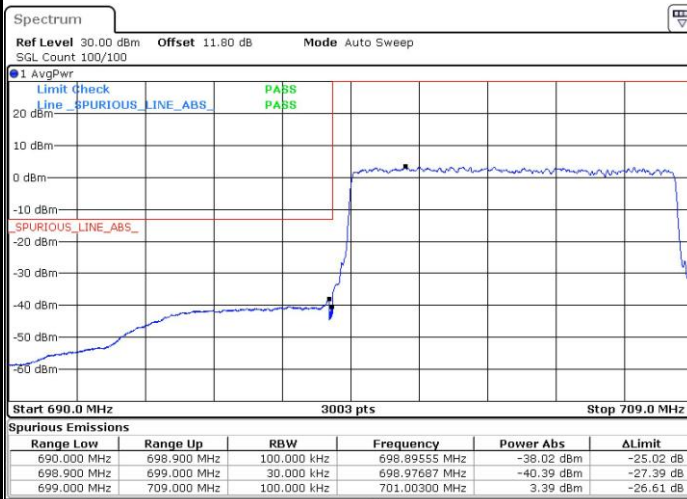
Date: 9.JUL.2015 01:40:43

Highest Band Edge / 1 RB



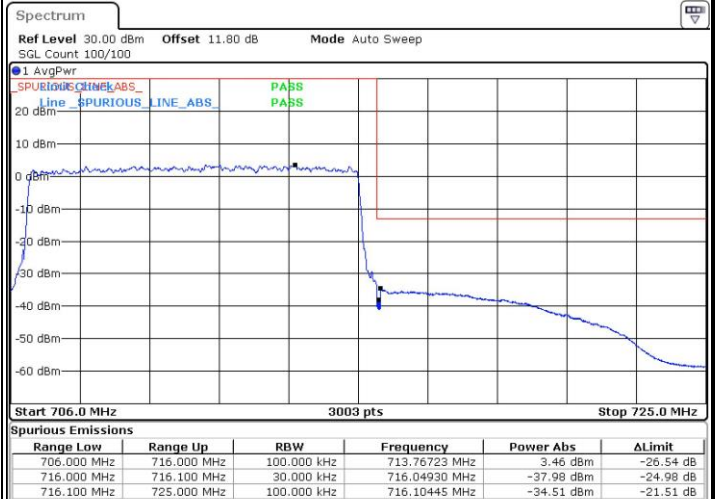
Date: 9.JUL.2015 01:53:48

Lowest Band Edge / Full RB



Date: 9.JUL.2015 01:38:48

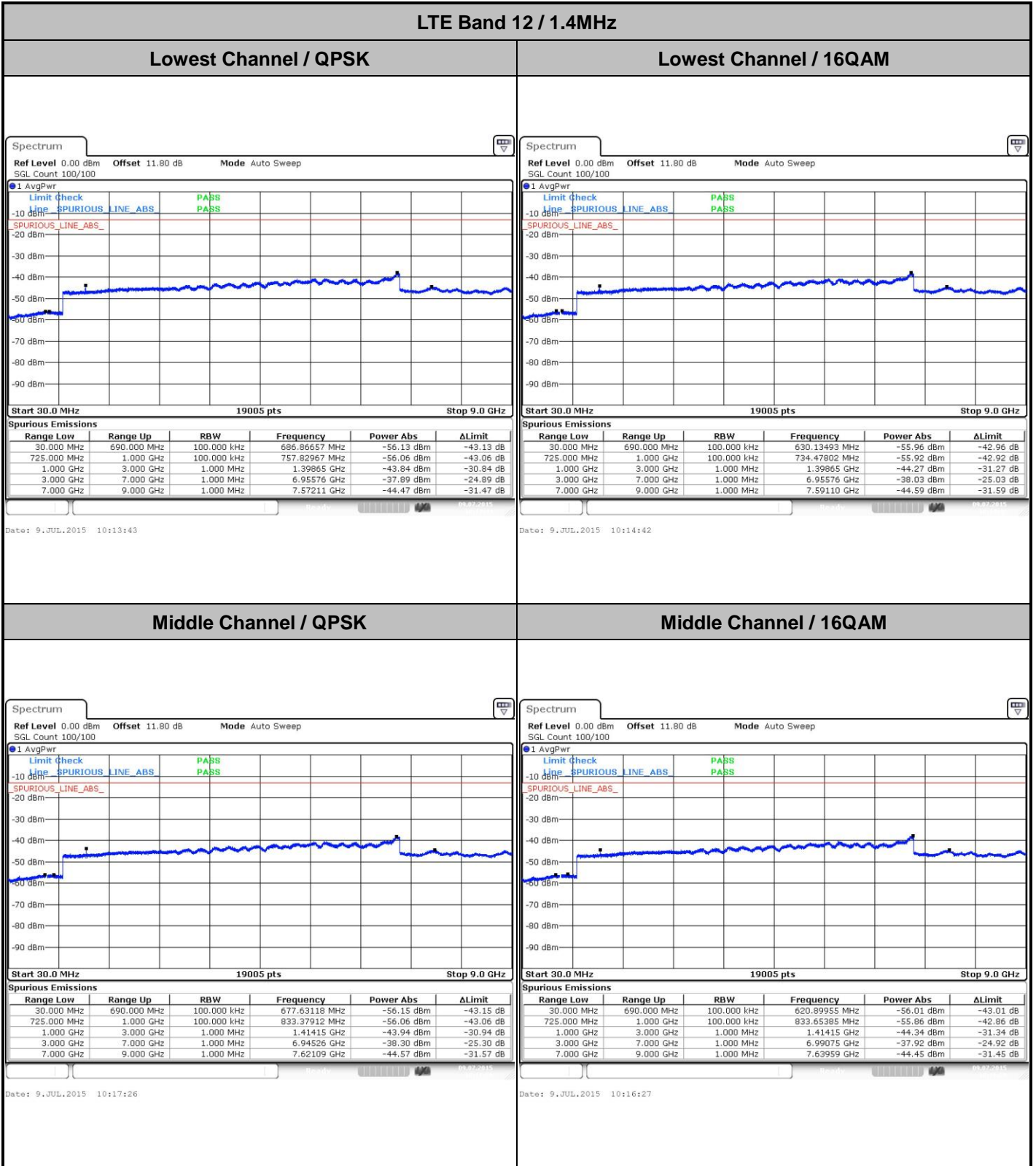
Highest Band Edge / Full RB



Date: 9.JUL.2015 01:51:54



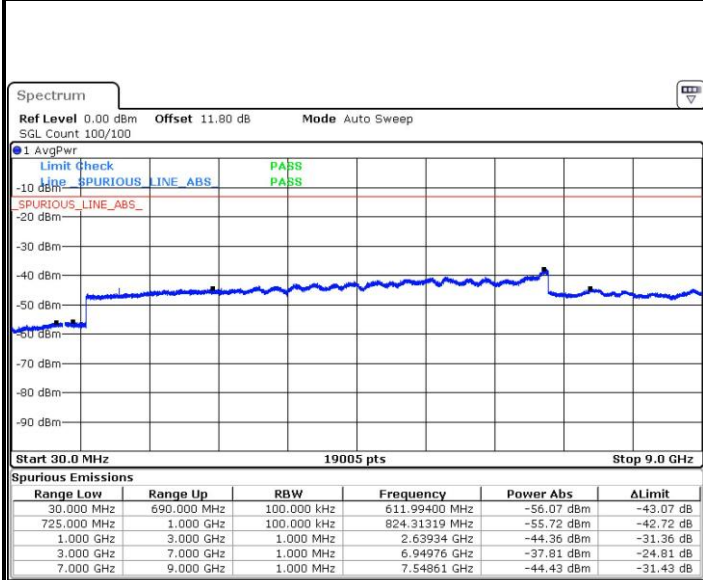
# Conducted Spurious Emission





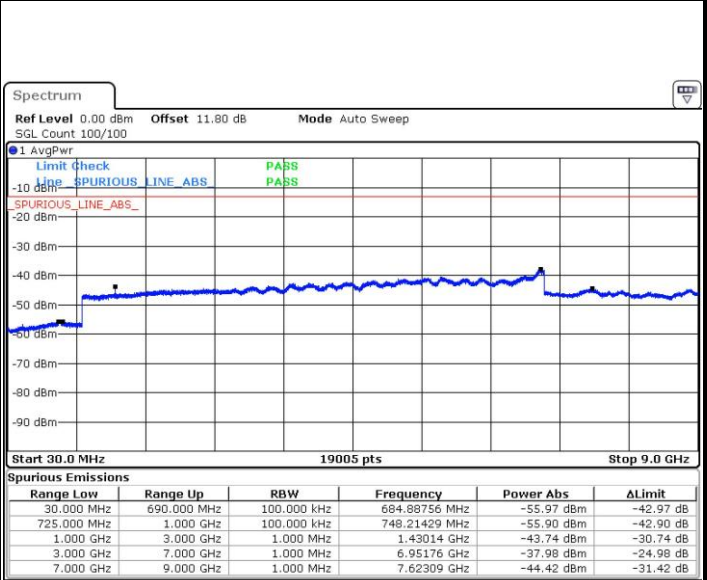
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 9.JUL.2015 10:26:50

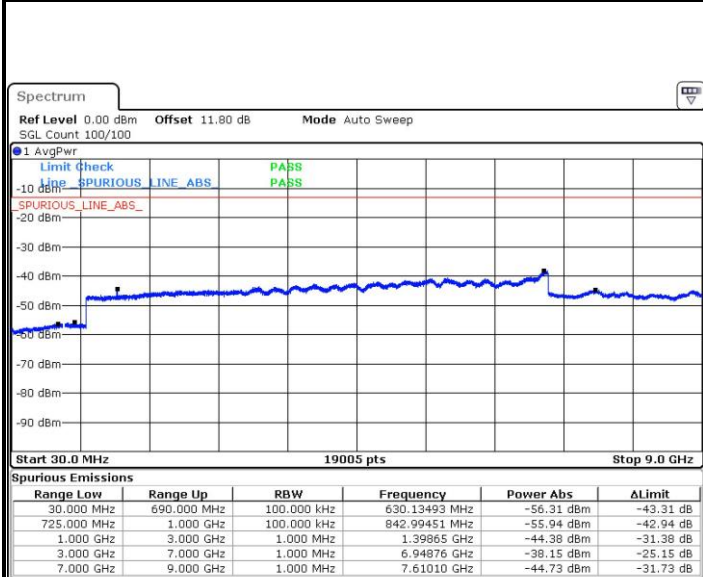
Highest Channel / 16QAM



Date: 9.JUL.2015 10:27:48

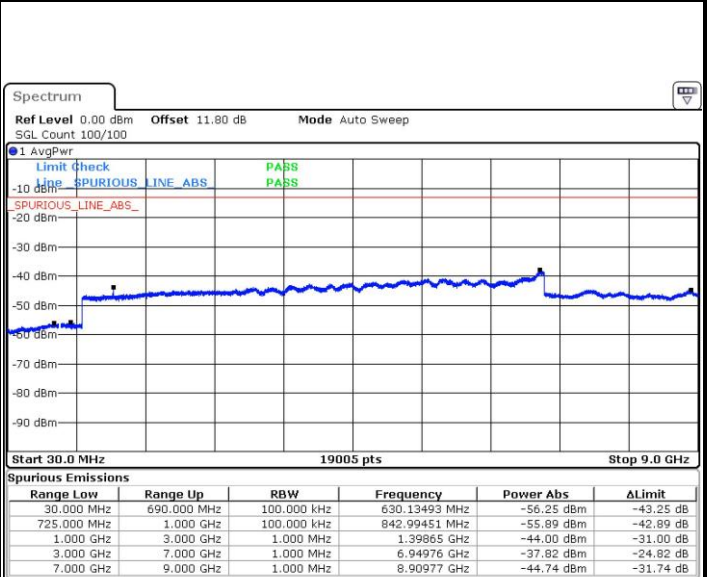
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 9.JUL.2015 00:56:40

Lowest Channel / 16QAM



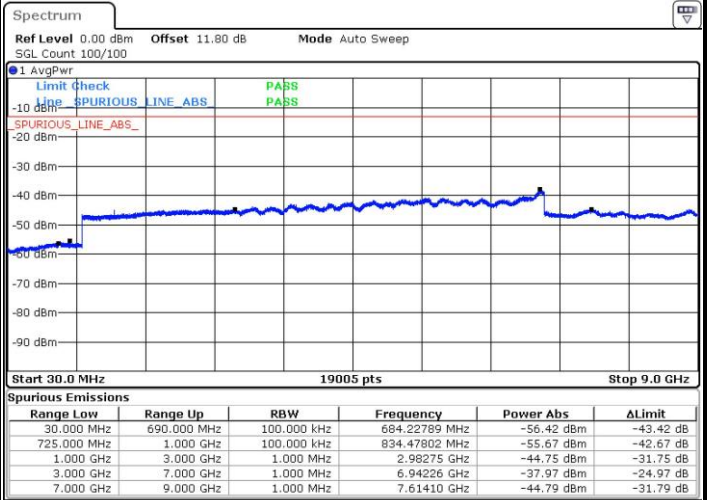
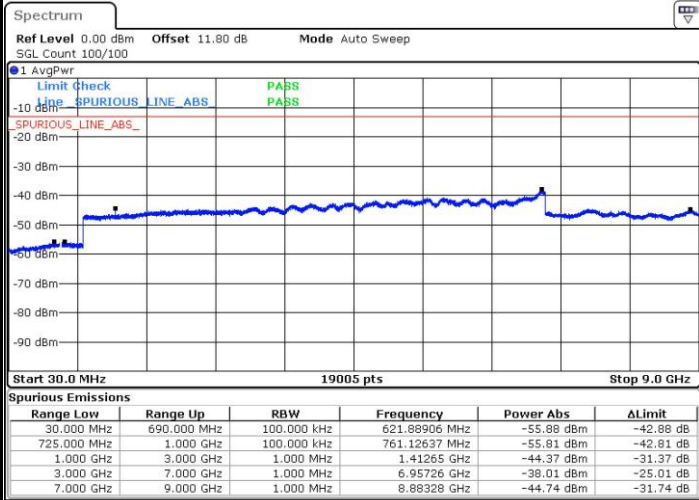
Date: 9.JUL.2015 00:57:39



LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

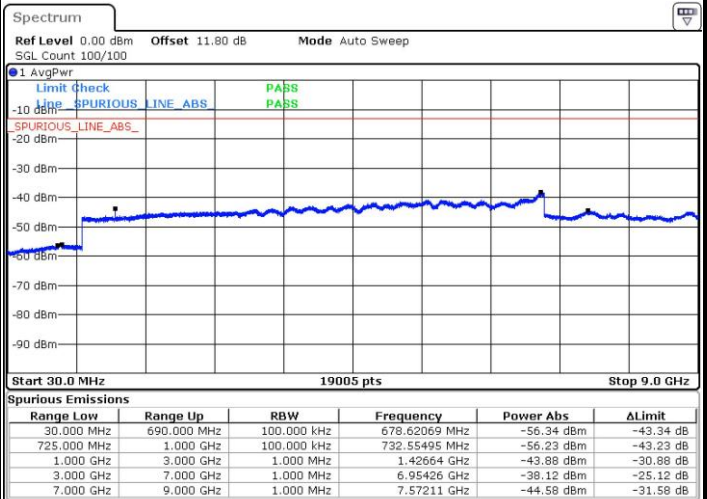
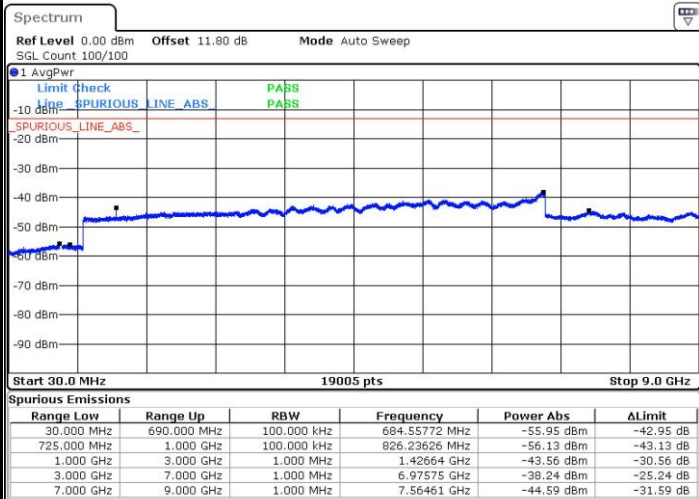


Date: 9.JUL.2015 01:00:23

Date: 9.JUL.2015 00:59:24

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.JUL.2015 01:09:46

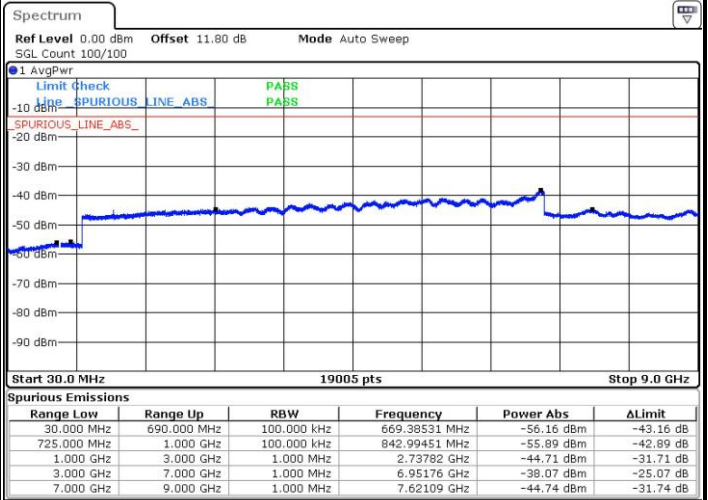
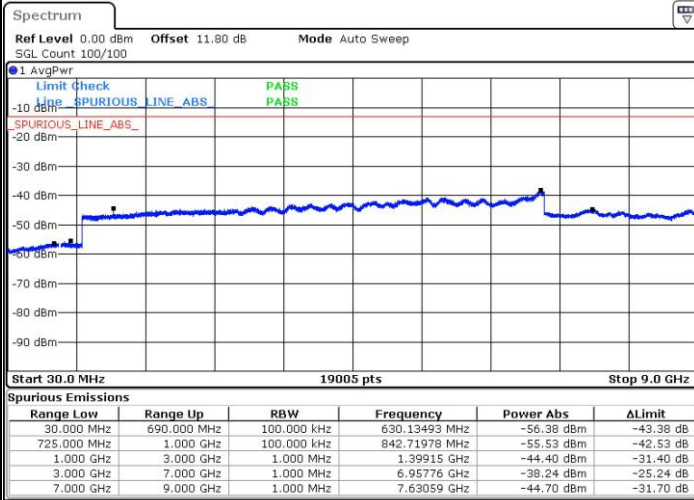
Date: 9.JUL.2015 01:10:45



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

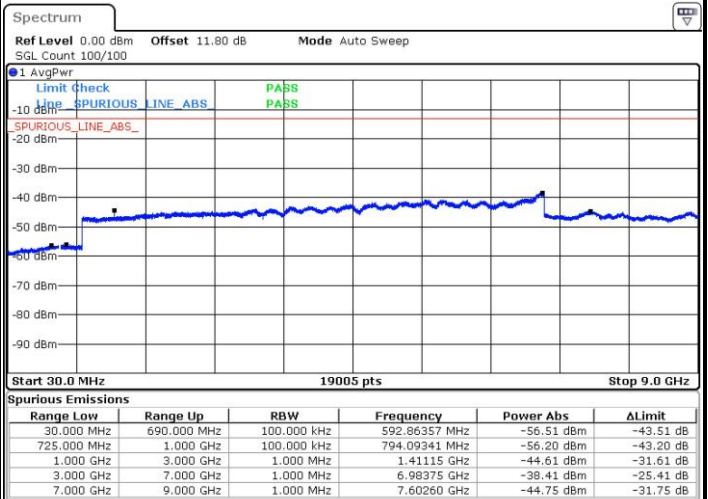
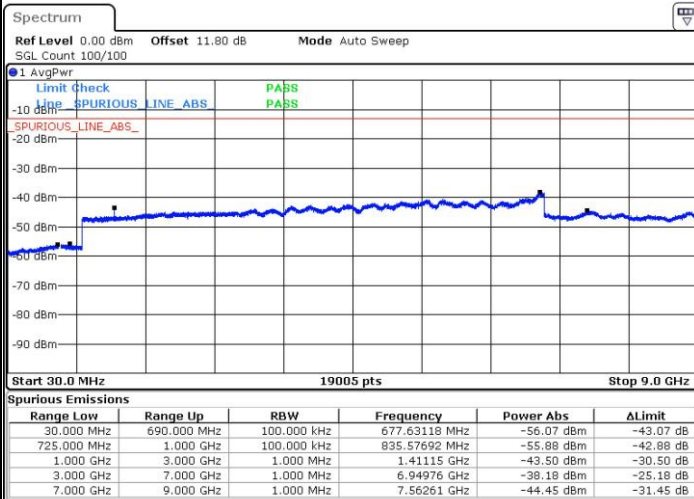


Date: 9.JUL.2015 01:20:08

Date: 9.JUL.2015 01:21:06

Middle Channel / QPSK

Middle Channel / 16QAM



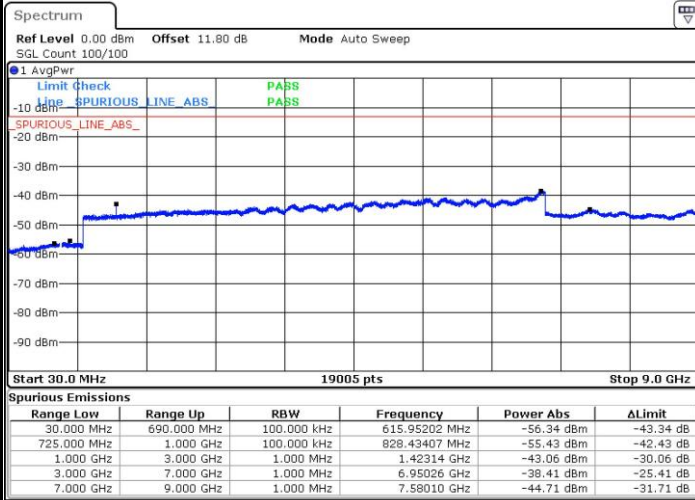
Date: 9.JUL.2015 01:23:50

Date: 9.JUL.2015 01:22:52



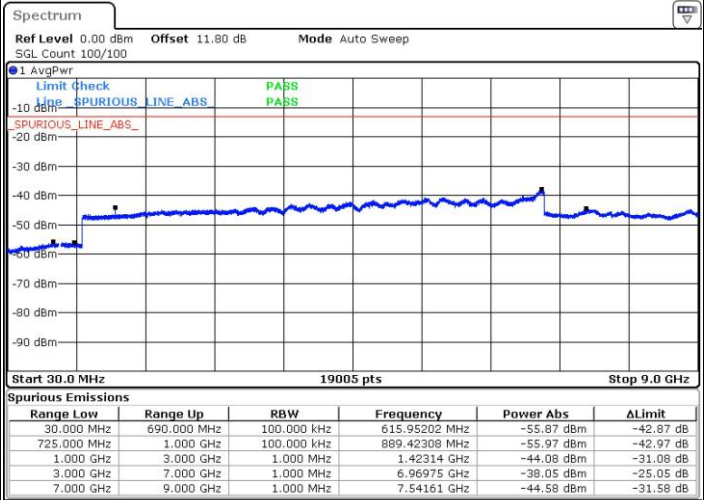
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 9.JUL.2015 01:34:12

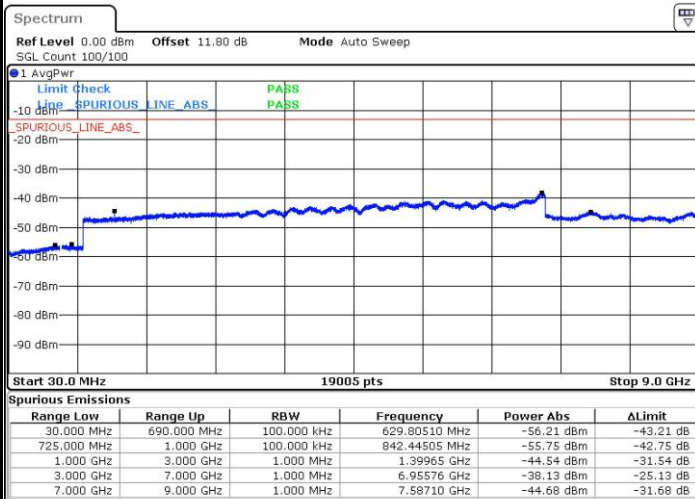
Highest Channel / 16QAM



Date: 9.JUL.2015 01:33:13

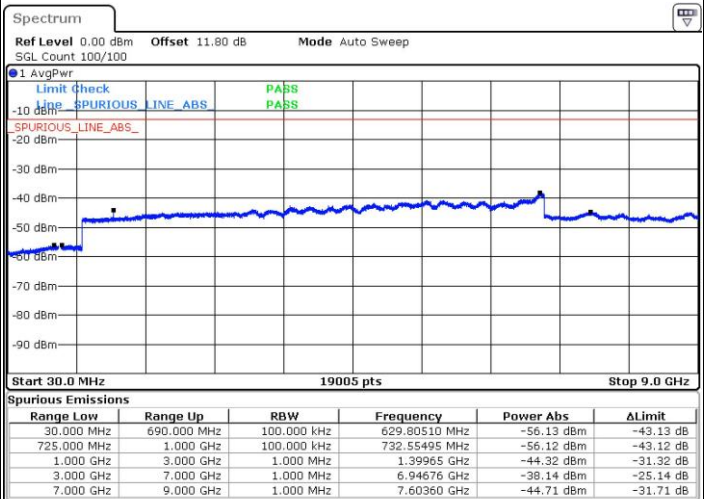
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 9.JUL.2015 01:43:35

Lowest Channel / 16QAM

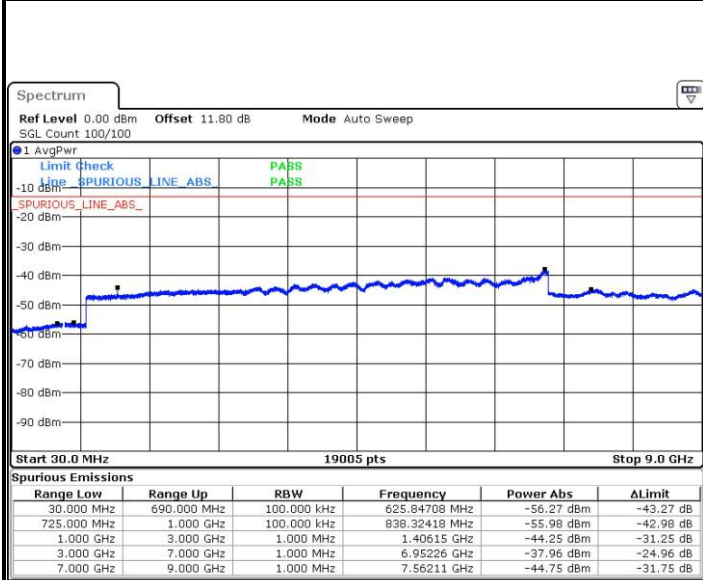


Date: 9.JUL.2015 01:44:33



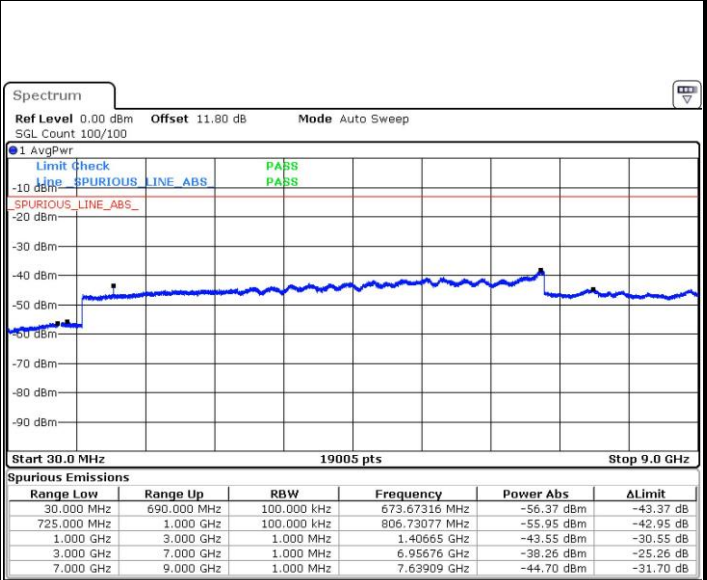
LTE Band 12 / 10MHz

Middle Channel / QPSK



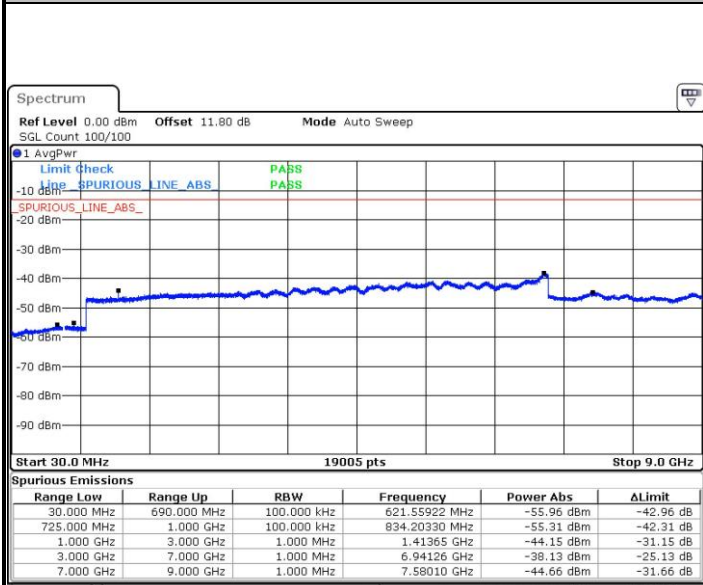
Date: 9.JUL.2015 01:47:17

Middle Channel / 16QAM



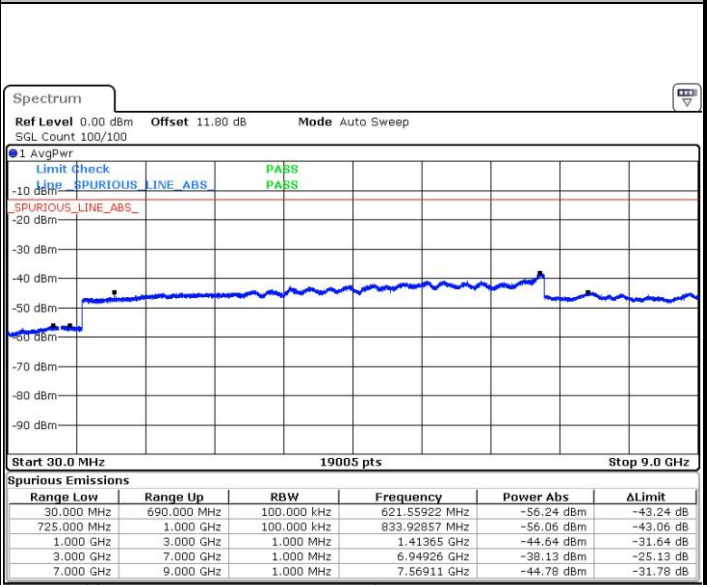
Date: 9.JUL.2015 01:46:19

Highest Channel / QPSK



Date: 9.JUL.2015 01:56:40

Highest Channel / 16QAM



Date: 9.JUL.2015 01:57:38



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0085	PASS
40	Normal Voltage	0.0076	
30	Normal Voltage	0.0072	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0058	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.9 V. ; Battery End Point (BEP) = 3.4 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 17

### Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.12	4.64	5.28	5.77	<b>PASS</b>
Middle CH	4.29	4.64	4.87	5.59	
Highest CH	4.38	4.72	5.42	5.65	



LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 8 JUL 2015 16:40:57

Lowest Channel / Full RB



Date: 8 JUL 2015 16:41:09

Middle Channel / 1RB



Date: 8 JUL 2015 16:41:22

Middle Channel / Full RB



Date: 8 JUL 2015 16:41:34

Highest Channel / 1RB



Date: 8 JUL 2015 16:41:56

Highest Channel / Full RB

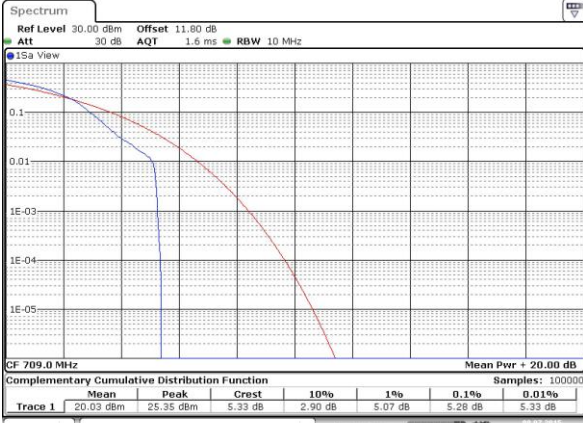


Date: 8 JUL 2015 16:42:13



LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



Date: 8 JUL 2015 16:38:22

Lowest Channel / Full RB



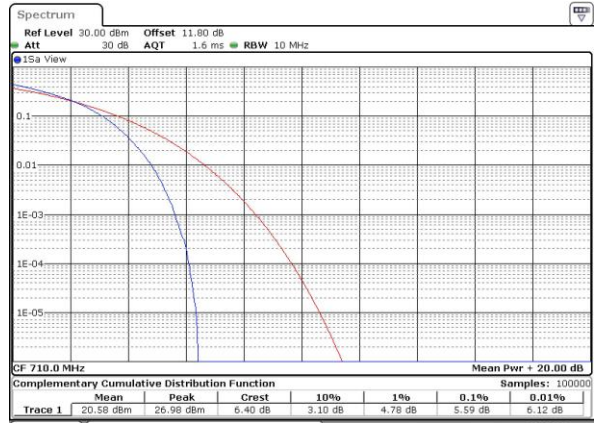
Date: 8 JUL 2015 16:38:33

Middle Channel / 1RB



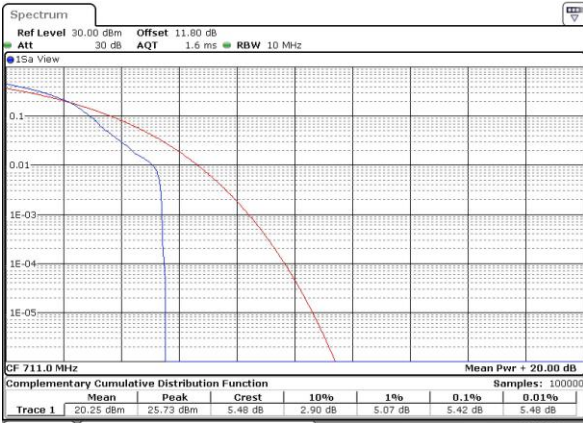
Date: 8 JUL 2015 16:38:44

Middle Channel / Full RB



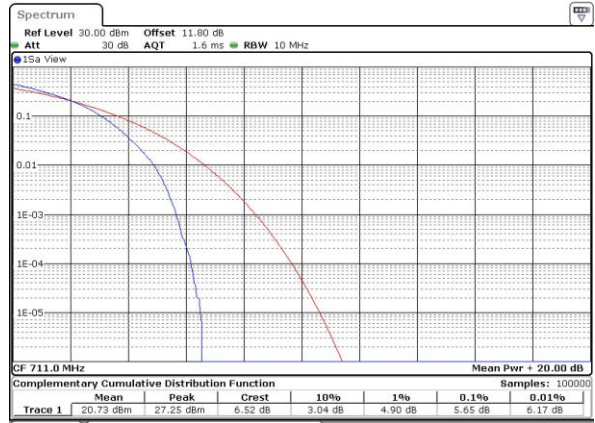
Date: 8 JUL 2015 16:38:56

Highest Channel / 1RB



Date: 8 JUL 2015 16:39:10

Highest Channel / Full RB



Date: 8 JUL 2015 16:39:21