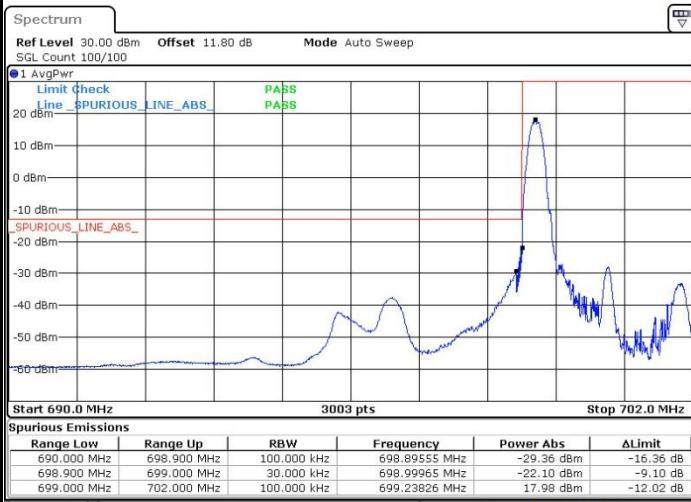




LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



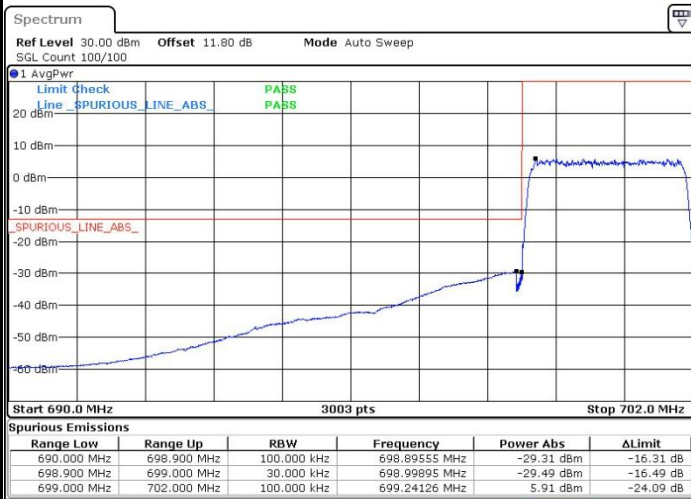
Date: 3.OCT.2015 15:20:27

Highest Band Edge / 1 RB



Date: 3.OCT.2015 15:33:07

Lowest Band Edge / Full RB



Date: 3.OCT.2015 15:18:33

Highest Band Edge / Full RB

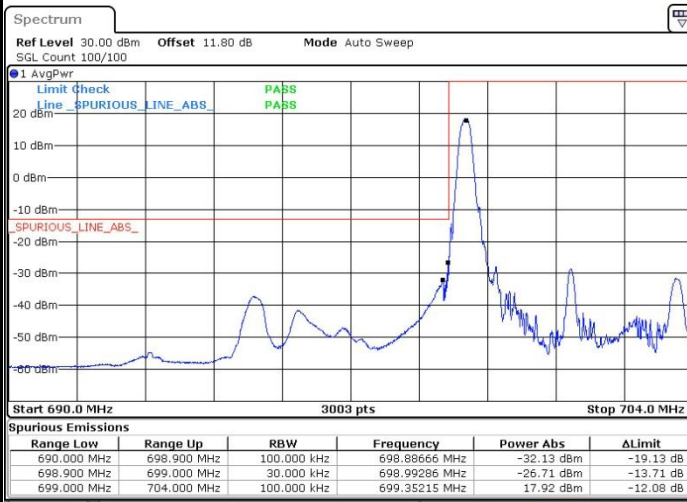


Date: 3.OCT.2015 15:31:12



LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 3.OCT.2015 15:45:09

Highest Band Edge / 1 RB



Date: 3.OCT.2015 15:55:54

Lowest Band Edge / Full RB



Date: 3.OCT.2015 15:39:26

Highest Band Edge / Full RB

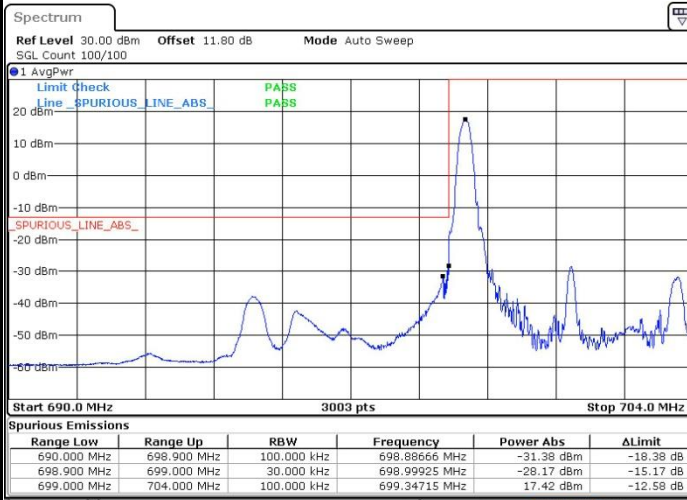


Date: 3.OCT.2015 15:52:06



LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 3.OCT.2015 15:43:15

Highest Band Edge / 1 RB



Date: 3.OCT.2015 15:57:49

Lowest Band Edge / Full RB



Date: 3.OCT.2015 15:41:21

Highest Band Edge / Full RB

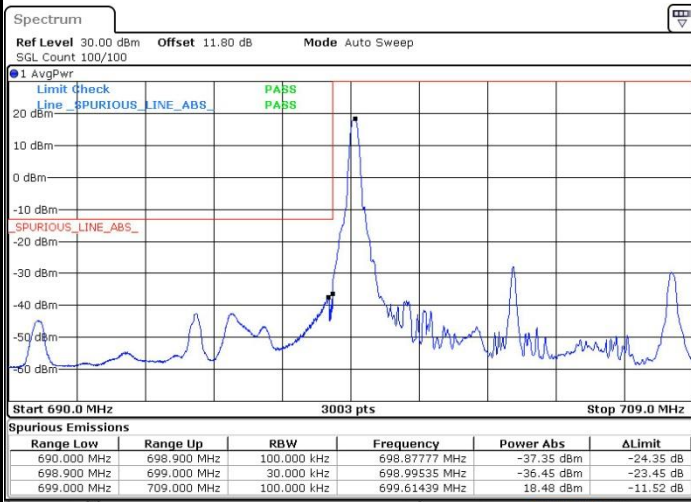


Date: 3.OCT.2015 15:54:00



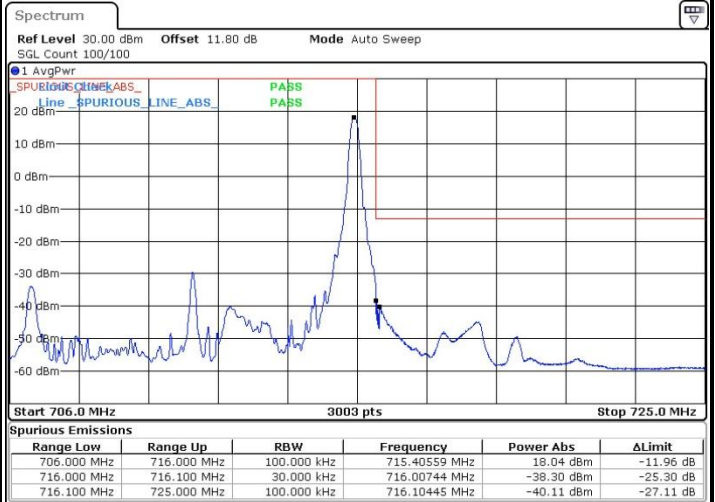
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



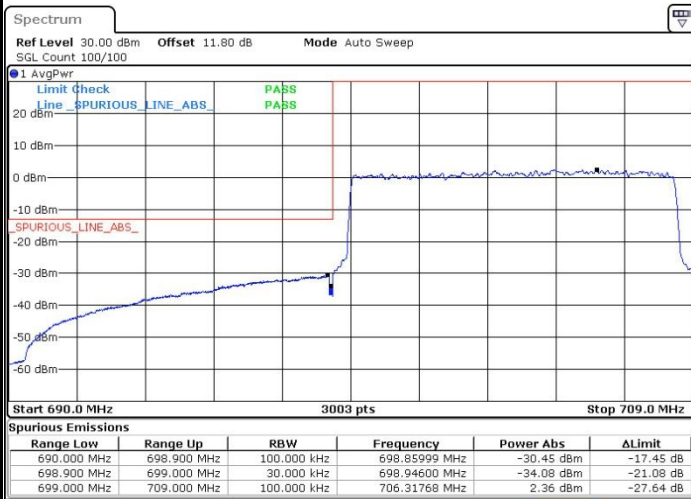
Date: 3.OCT.2015 16:07:57

Highest Band Edge / 1 RB



Date: 3.OCT.2015 16:20:36

Lowest Band Edge / Full RB



Date: 3.OCT.2015 17:19:07

Highest Band Edge / Full RB

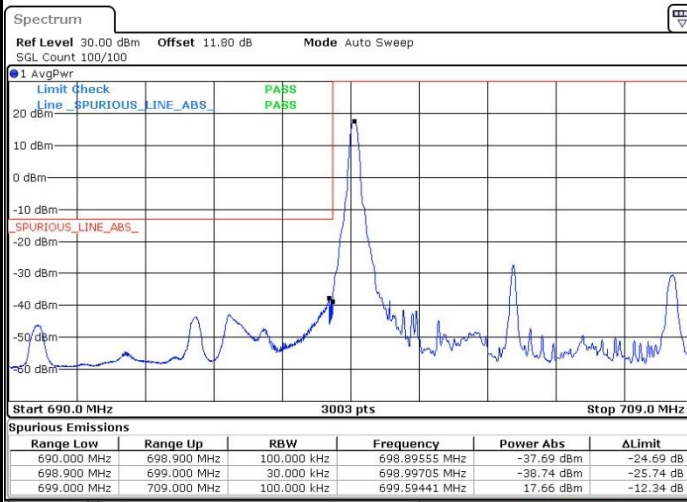


Date: 3.OCT.2015 16:14:53



LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



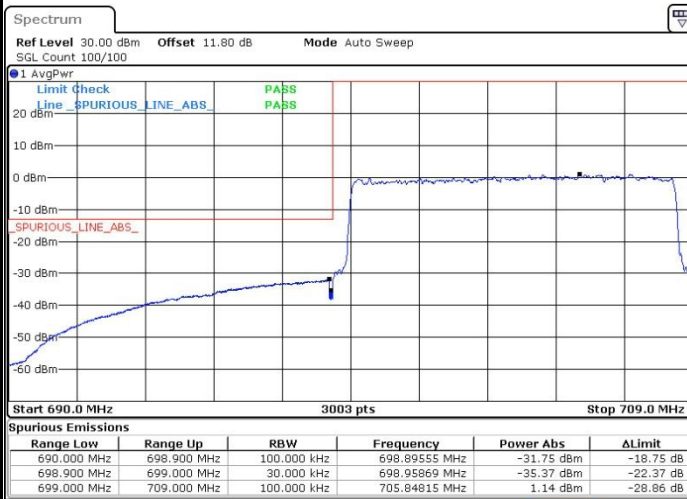
Date: 3.OCT.2015 16:06:02

Highest Band Edge / 1 RB



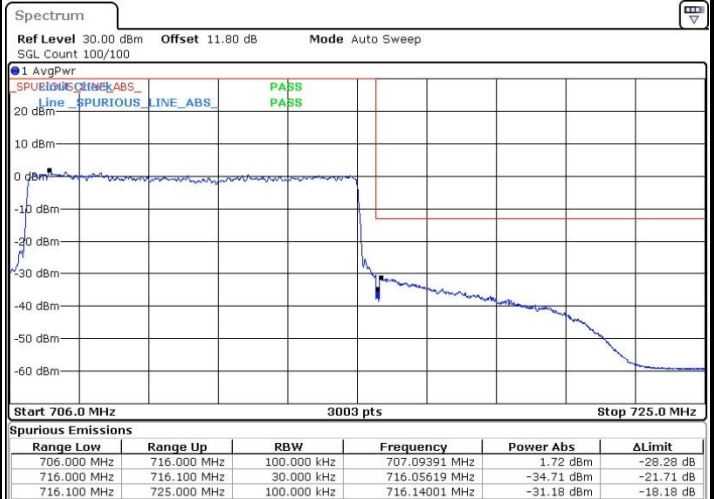
Date: 3.OCT.2015 16:18:41

Lowest Band Edge / Full RB



Date: 3.OCT.2015 16:04:08

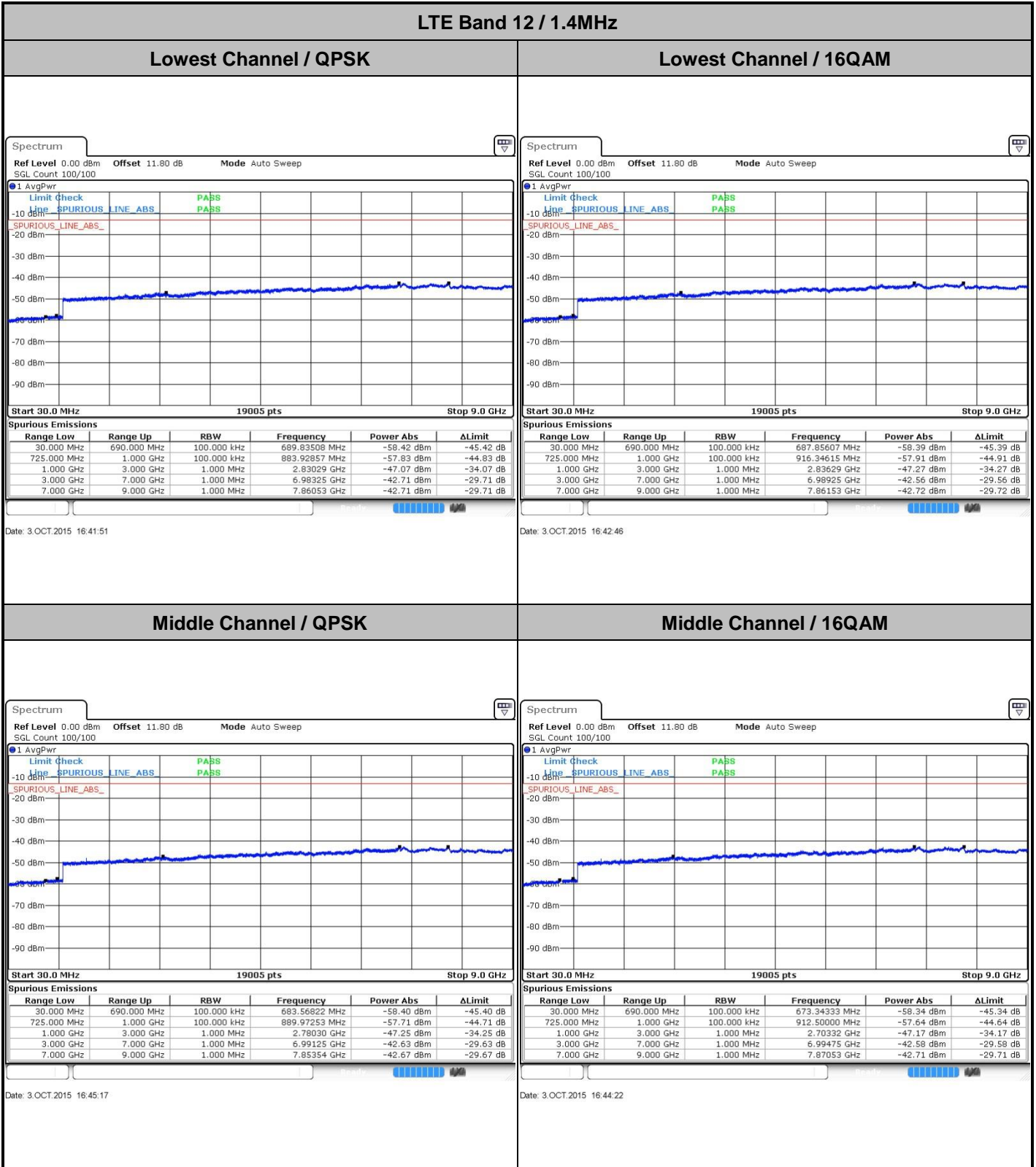
Highest Band Edge / Full RB



Date: 3.OCT.2015 16:16:47



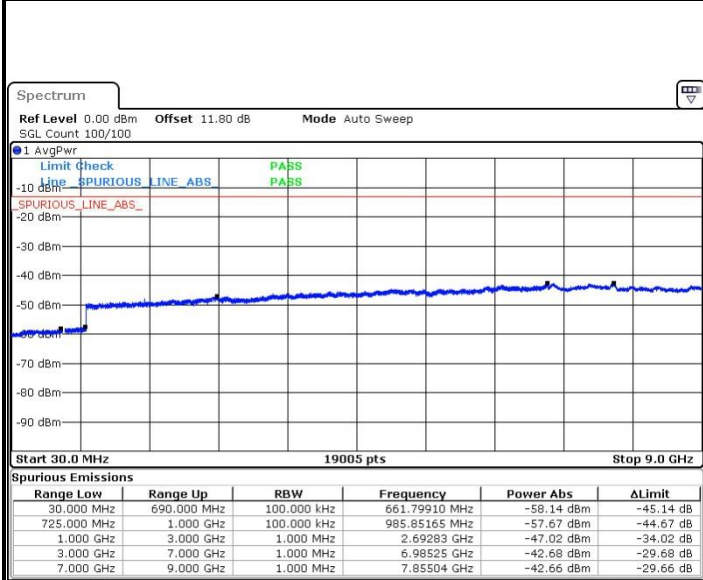
Conducted Spurious Emission





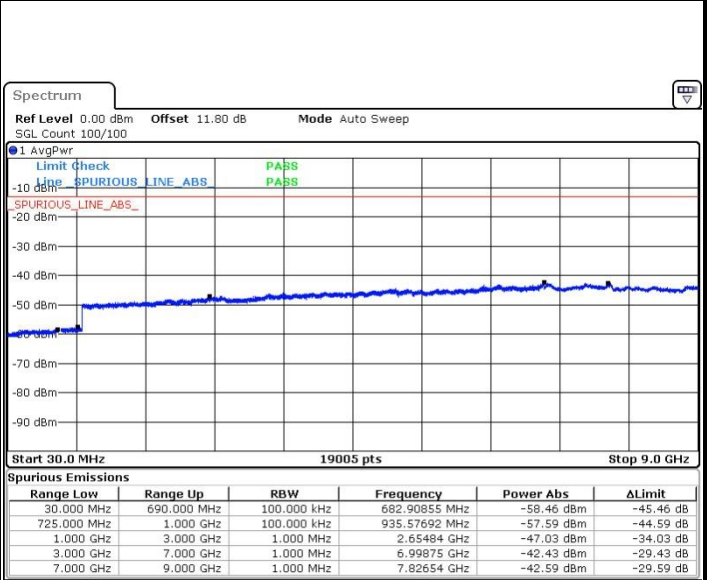
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 3.OCT.2015 16:54:30

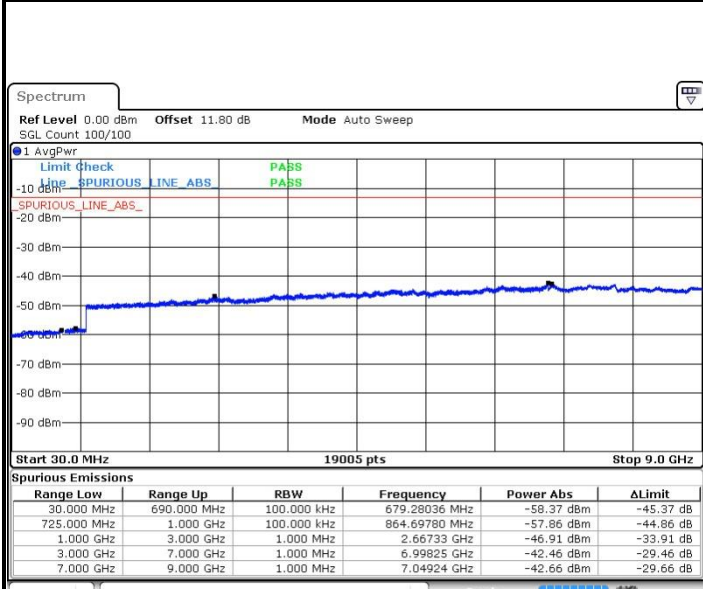
Highest Channel / 16QAM



Date: 3.OCT.2015 16:55:25

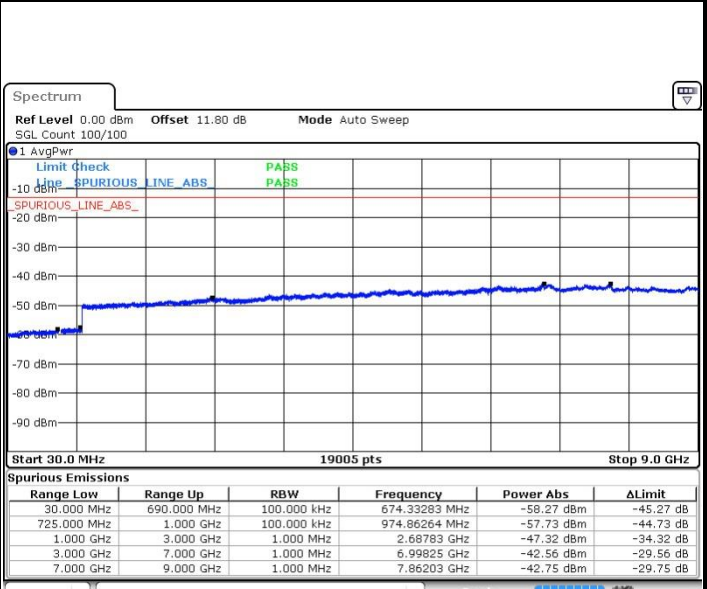
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 15:23:17

Lowest Channel / 16QAM



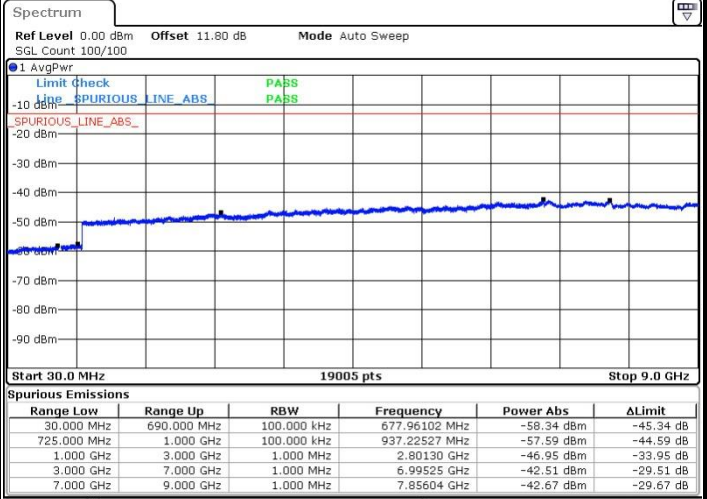
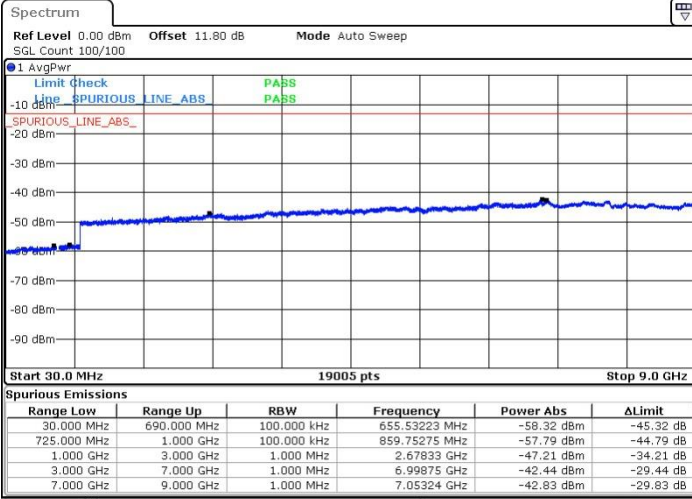
Date: 3.OCT.2015 15:24:11



LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

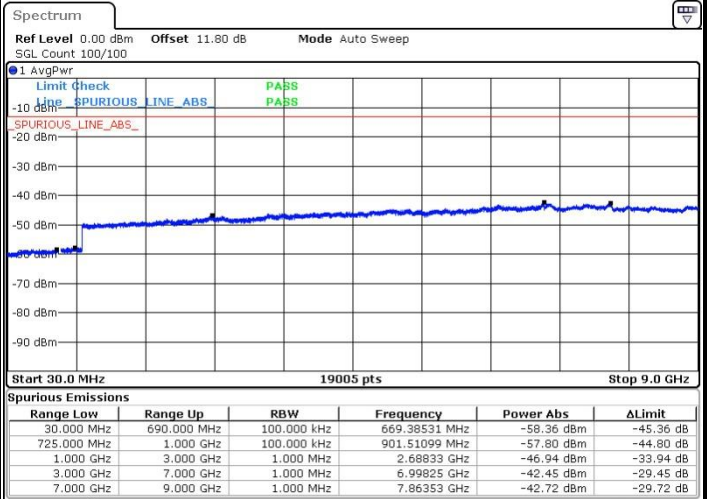
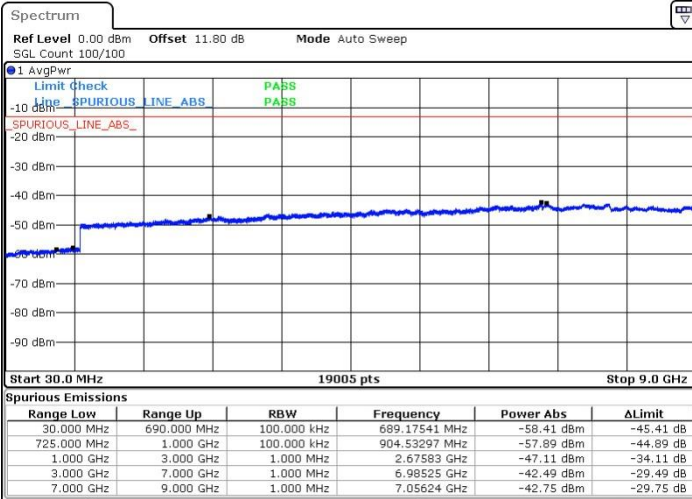


Date: 3.OCT.2015 15:26:42

Date: 3.OCT.2015 15:25:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.OCT.2015 15:35:56

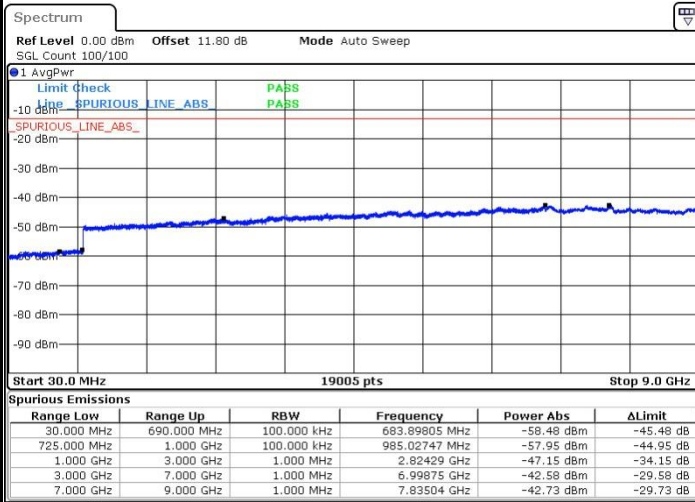
Date: 3.OCT.2015 15:36:50



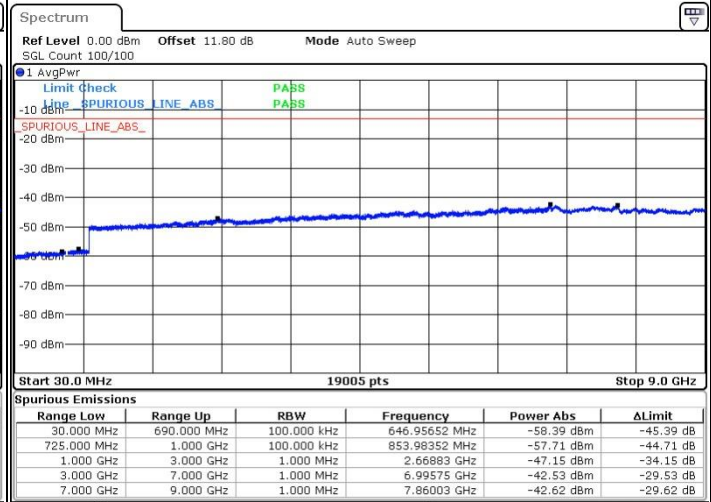
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



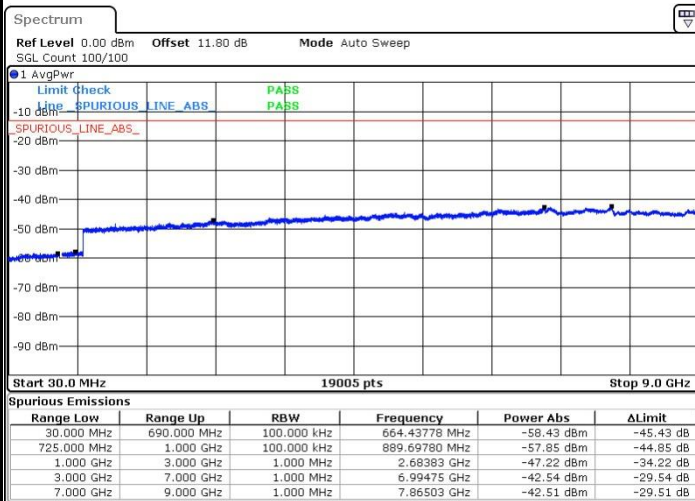
Date: 3.OCT.2015 15:46:04



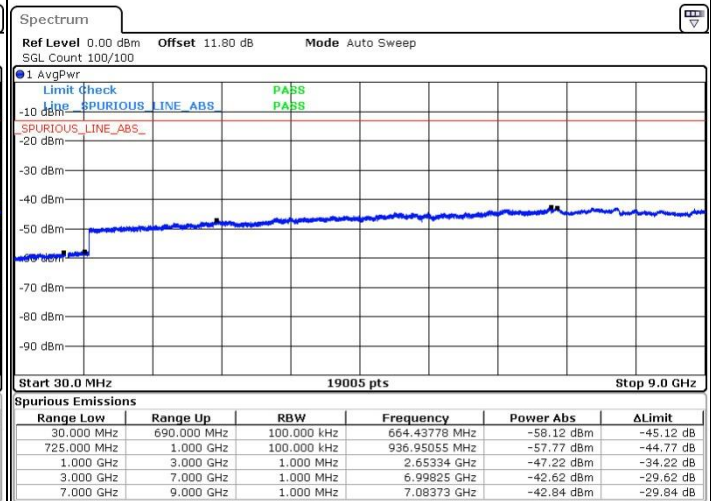
Date: 3.OCT.2015 15:46:59

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.OCT.2015 15:49:30

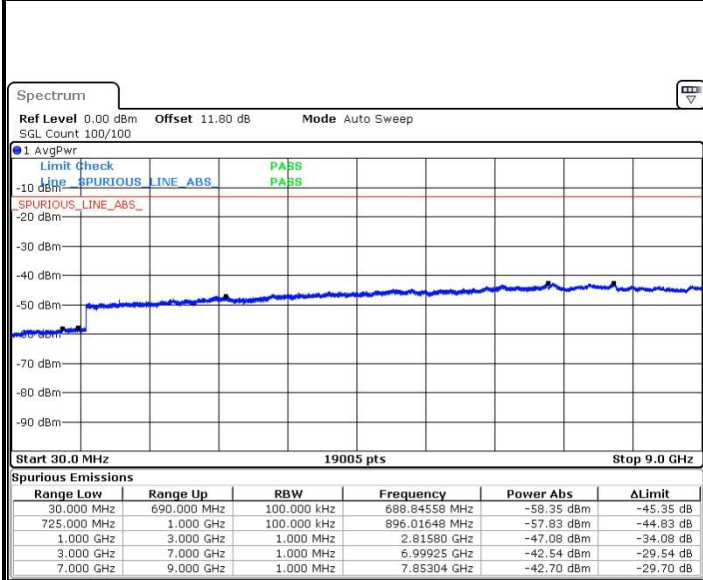


Date: 3.OCT.2015 15:48:35



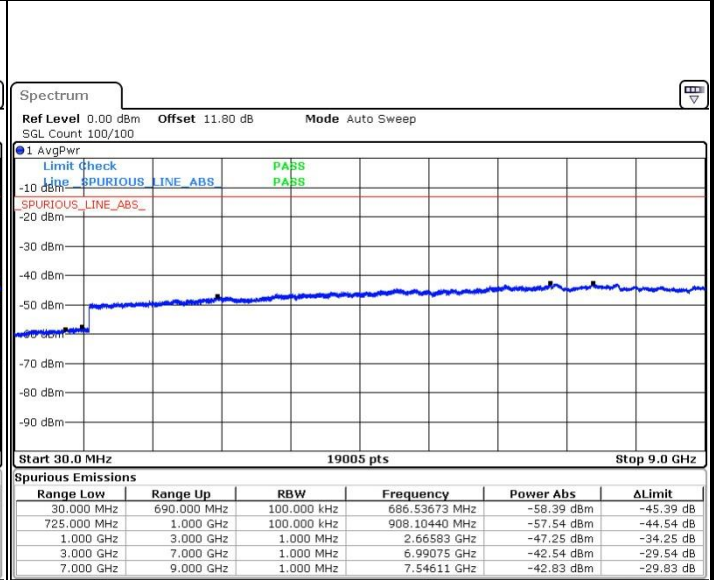
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 3.OCT.2015 15:59:38

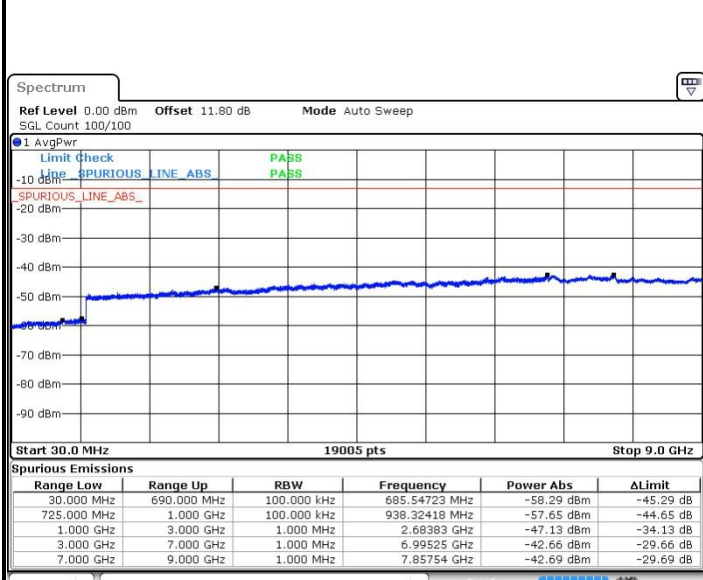
Highest Channel / 16QAM



Date: 3.OCT.2015 15:58:44

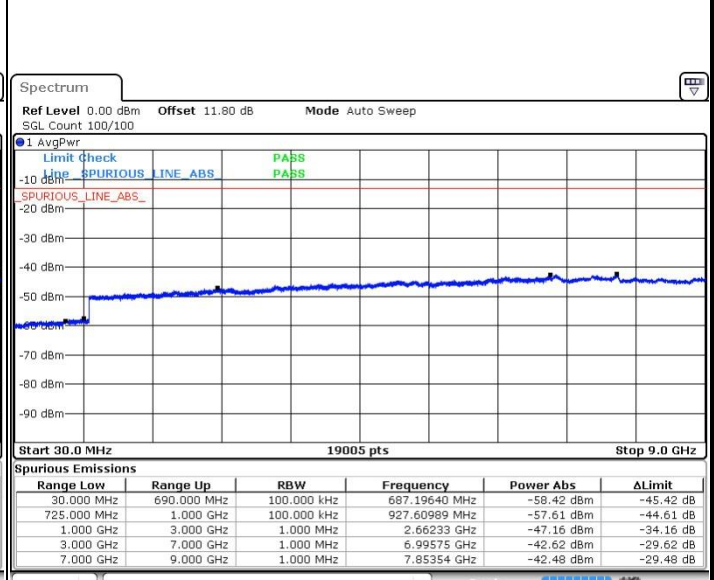
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 16:08:52

Lowest Channel / 16QAM



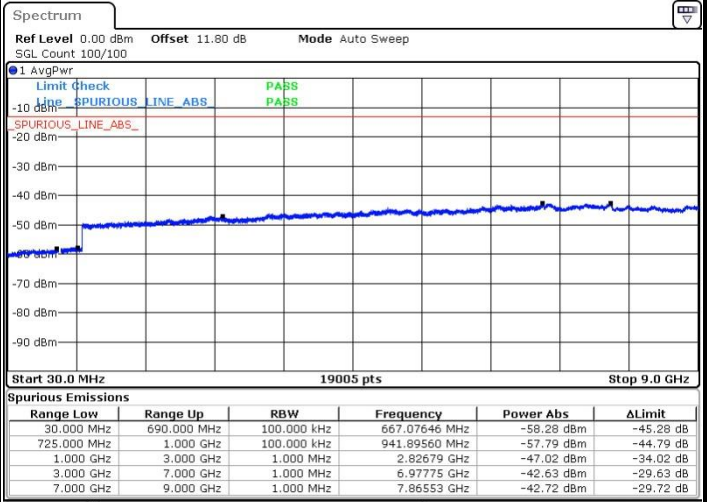
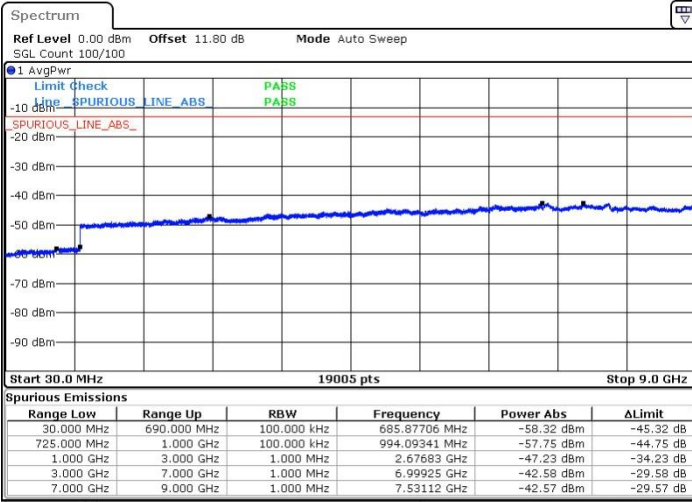
Date: 3.OCT.2015 16:09:46



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

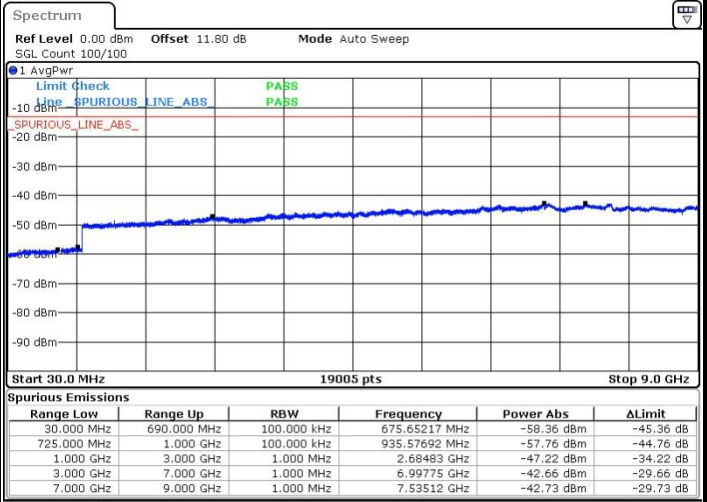
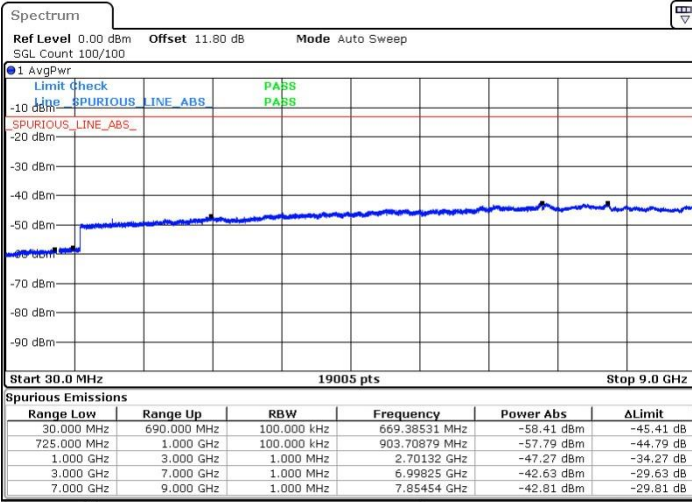


Date: 3.OCT.2015 16:12:17

Date: 3.OCT.2015 16:11:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.OCT.2015 16:21:31

Date: 3.OCT.2015 16:22:25



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	0.0096	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0082	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0093	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0079	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0038	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



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	4.96	4.84	5.57	6.14	PASS
Middle CH	6	4.84	5.8	5.91	
Highest CH	5.48	4.87	6.46	5.86	



LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 5.OCT.2015 10:04:39

Lowest Channel / Full RB



Date: 5.OCT.2015 10:04:55

Middle Channel/ 1RB



Date: 5.OCT.2015 10:05:24

Middle Channel / Full RB



Date: 5.OCT.2015 10:05:44

Highest Channel/ 1RB



Date: 5.OCT.2015 10:06:11

Highest Channel / Full RB



Date: 5.OCT.2015 10:06:29