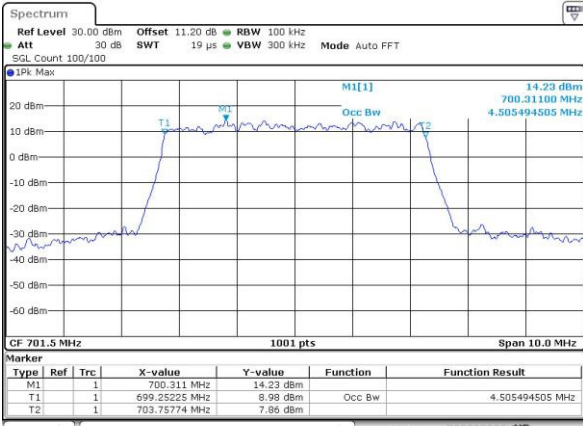




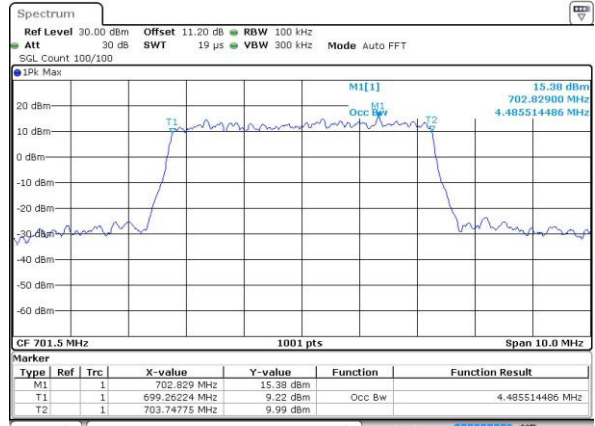
LTE Band 12

Lowest Channel / 5MHz / QPSK



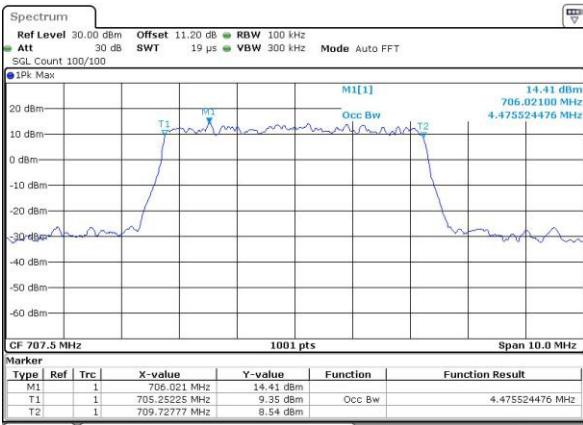
Date: 10.FEB.2016 16:25:26

Lowest Channel / 5MHz / 16QAM



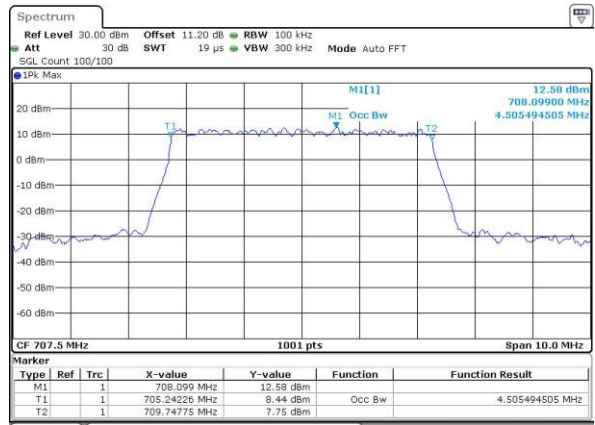
Date: 19 FEB 2016 23:09:23

Middle Channel / 5MHz / QPSK



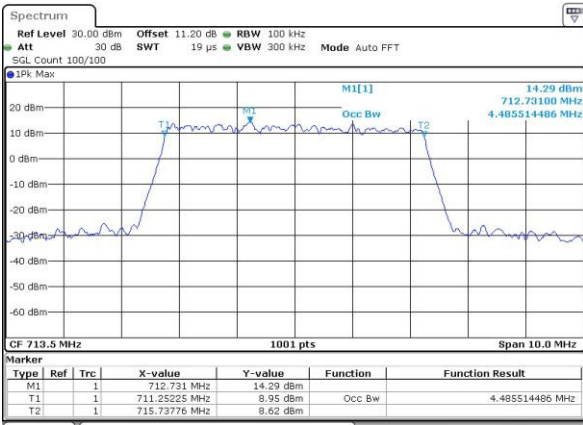
Date: 10.FEB.2016 16:36:01

Middle Channel / 5MHz / 16QAM



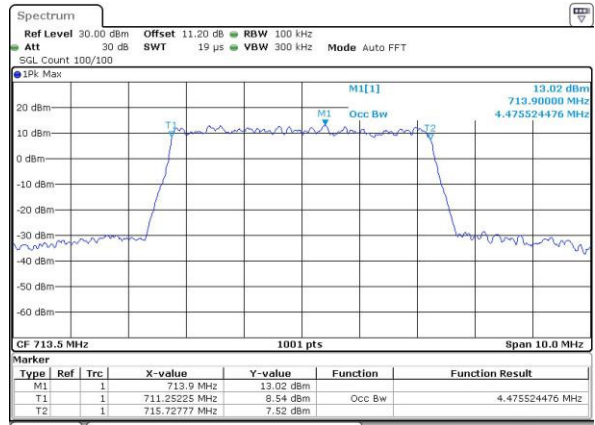
Date: 10.FEB.2016 16:36:19

Highest Channel / 5MHz / QPSK



Date: 10.FEB.2016 16:39:03

Highest Channel / 5MHz / 16QAM

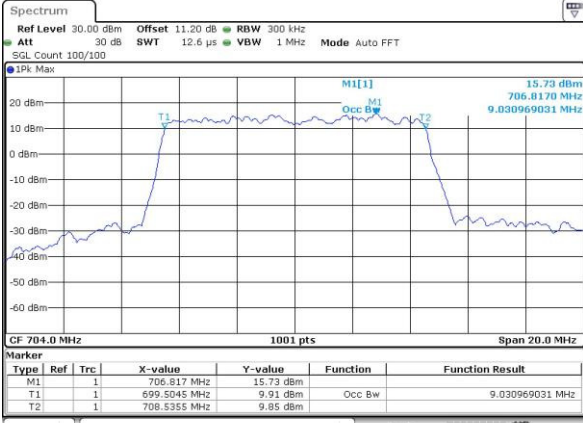


Date: 10.FEB.2016 16:39:15



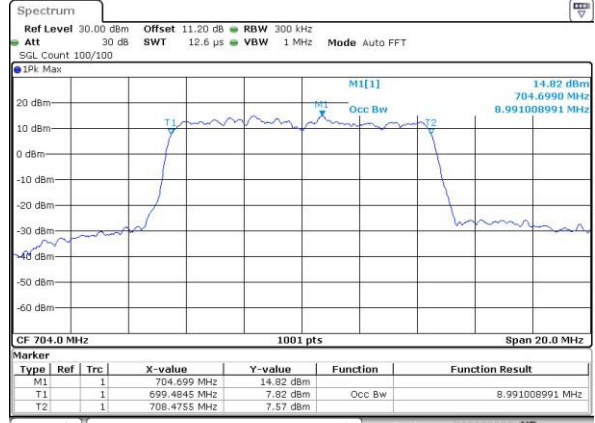
LTE Band 12

Lowest Channel / 10MHz / QPSK



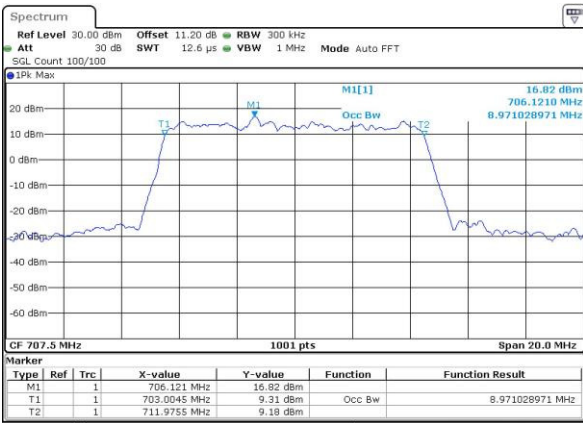
Date: 10.FEB.2016 16:49:56

Lowest Channel / 10MHz / 16QAM



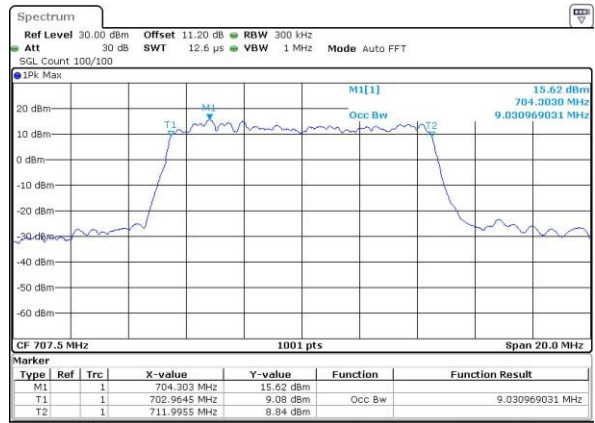
Date: 10.FEB.2016 16:50:07

Middle Channel / 10MHz / QPSK



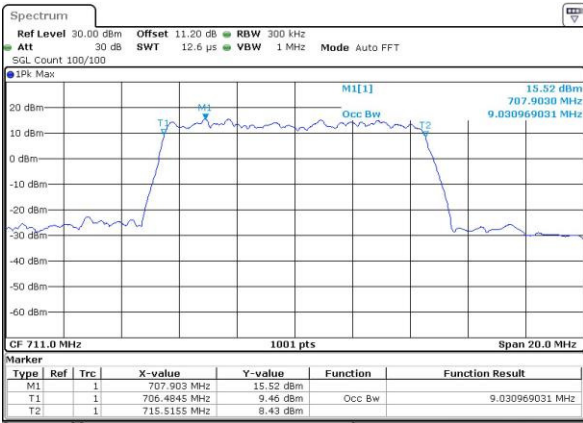
Date: 10.FEB.2016 17:01:01

Middle Channel / 10MHz / 16QAM



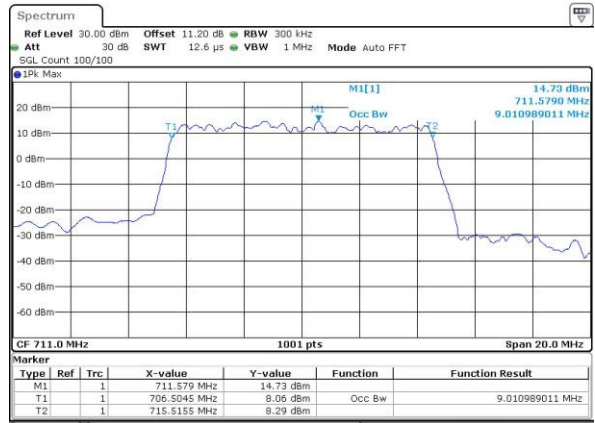
Date: 10.FEB.2016 17:00:49

Highest Channel / 10MHz / QPSK



Date: 10.FEB.2016 17:03:32

Highest Channel / 10MHz / 16QAM



Date: 10.FEB.2016 17:03:44

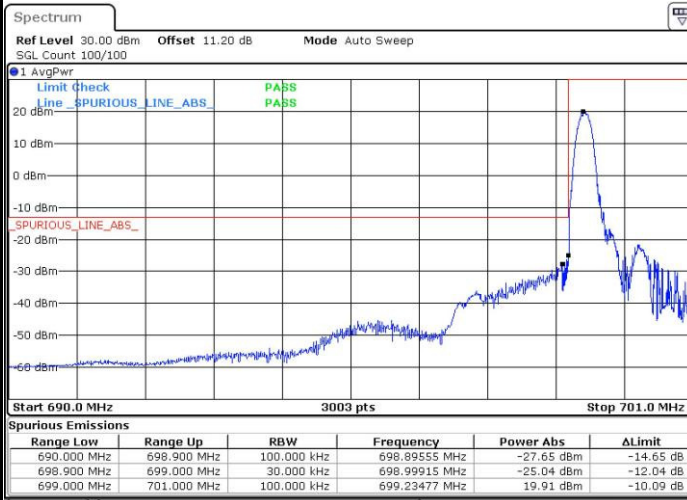


Conducted Band Edge



LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB



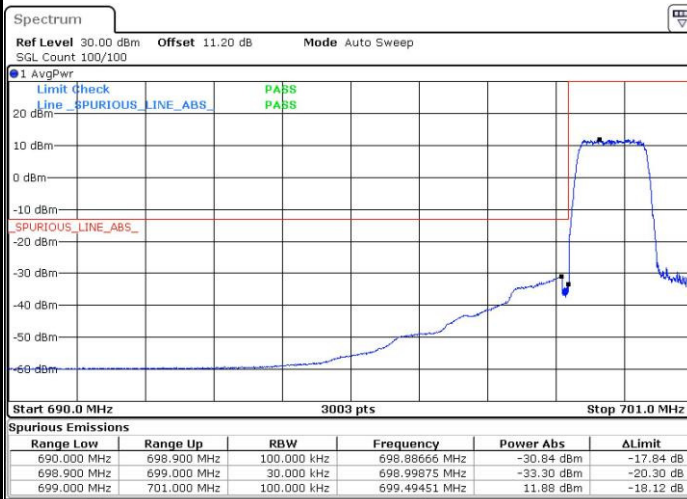
Date: 10.FEB.2016 17:23:10

Highest Band Edge / 1RB



Date: 10.FEB.2016 17:36:46

Lowest Band Edge / Full RB



Date: 10.FEB.2016 17:17:03

Highest Band Edge / Full RB

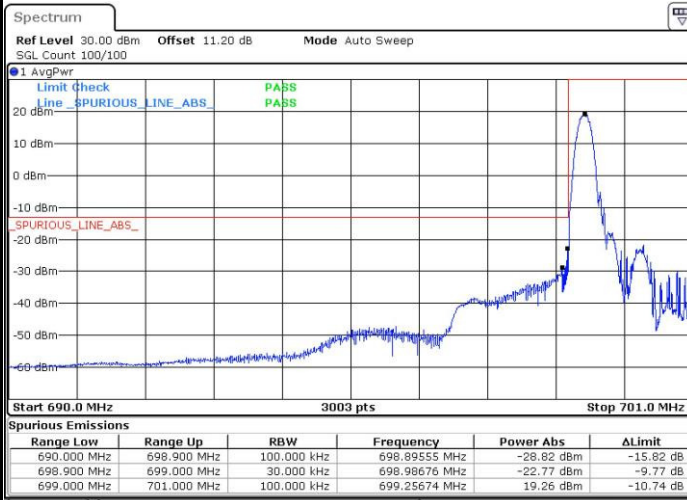


Date: 10.FEB.2016 17:30:38



LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 10.FEB.2016 17:21:08

Highest Band Edge / 1 RB



Date: 10.FEB.2016 17:34:43

Lowest Band Edge / Full RB



Date: 10.FEB.2016 17:19:05

Highest Band Edge / Full RB

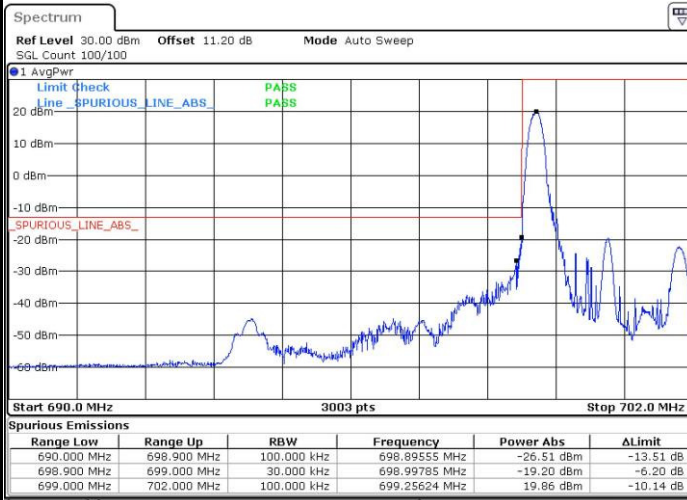


Date: 10.FEB.2016 17:32:41



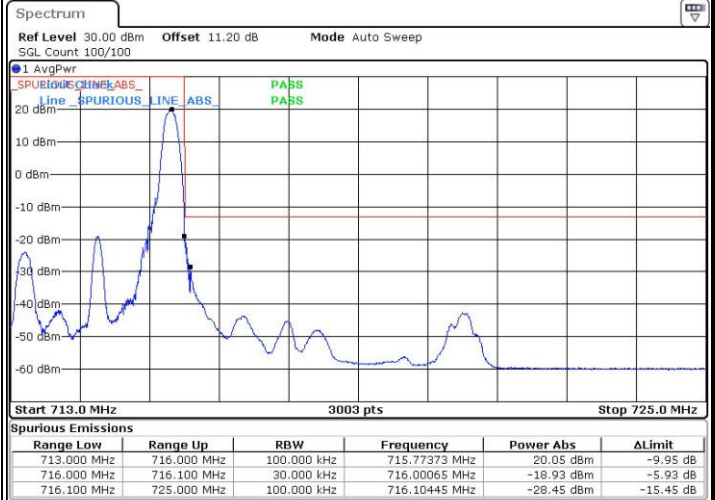
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 10.FEB.2016 16:09:42

Highest Band Edge / 1 RB



Date: 10.FEB.2016 16:23:18

Lowest Band Edge / Full RB



Date: 10.FEB.2016 16:03:34

Highest Band Edge / Full RB

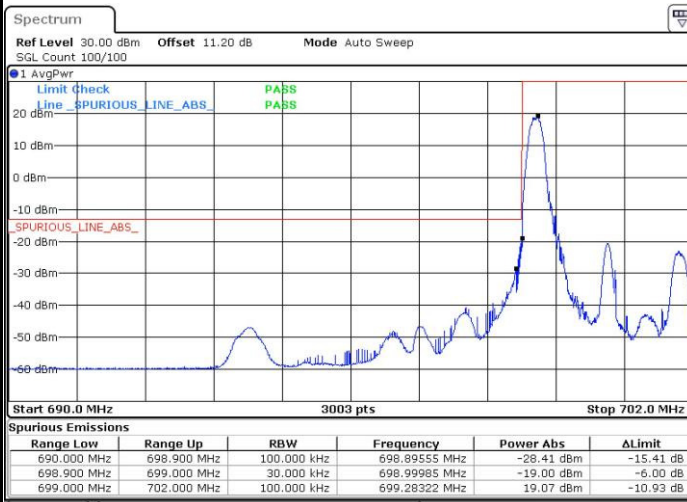


Date: 10.FEB.2016 16:17:11



LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



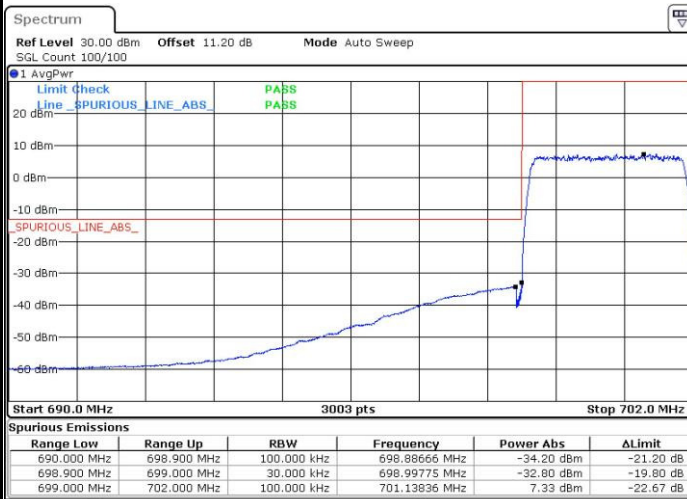
Date: 10.FEB.2016 16:07:39

Highest Band Edge / 1 RB



Date: 10.FEB.2016 16:21:15

Lowest Band Edge / Full RB



Date: 10.FEB.2016 16:05:37

Highest Band Edge / Full RB

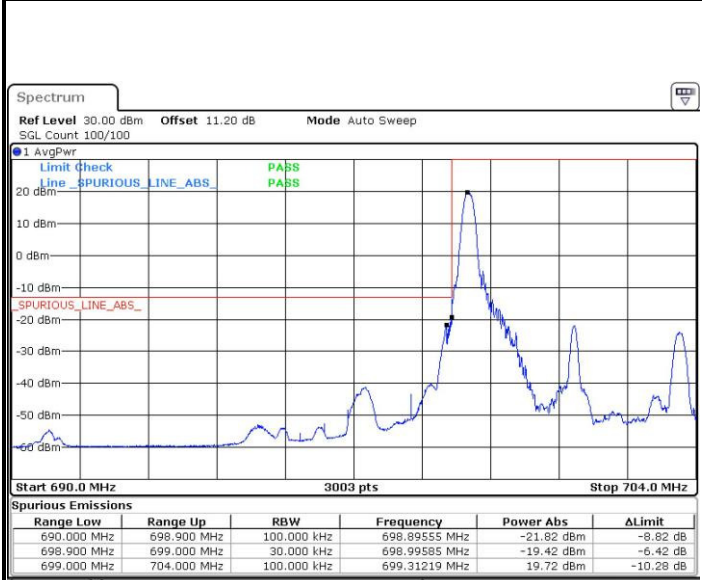


Date: 10.FEB.2016 16:19:13



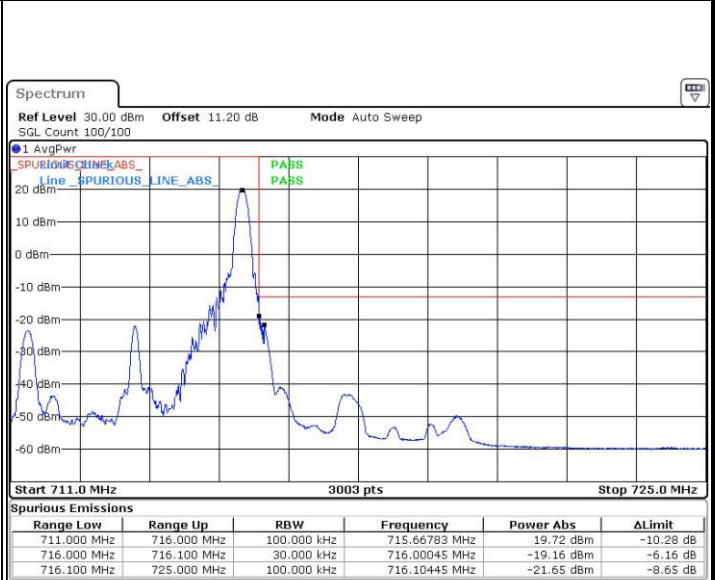
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



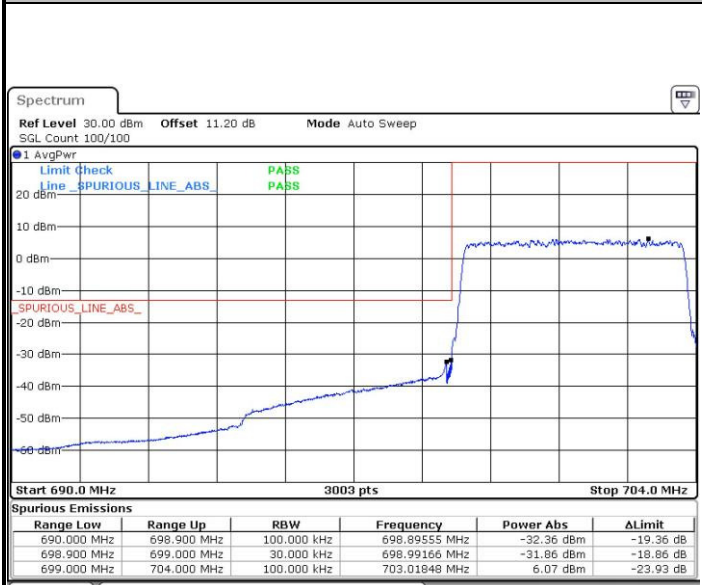
Date: 10.FEB.2016 16:34:11

Highest Band Edge / 1 RB



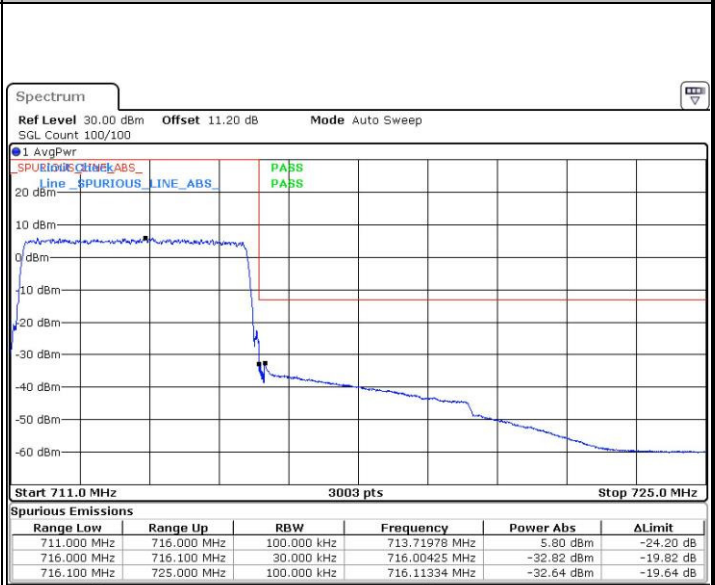
Date: 10.FEB.2016 16:45:45

Lowest Band Edge / Full RB



Date: 10.FEB.2016 16:28:03

Highest Band Edge / Full RB

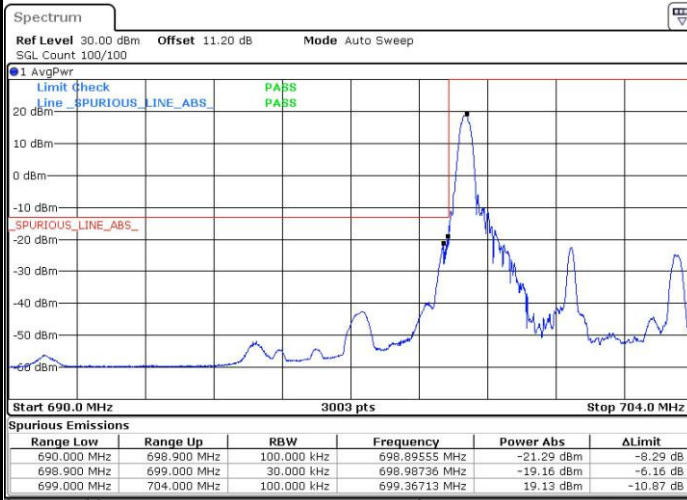


Date: 10.FEB.2016 16:41:40



LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 10.FEB.2016 16:32:08

Highest Band Edge / 1 RB



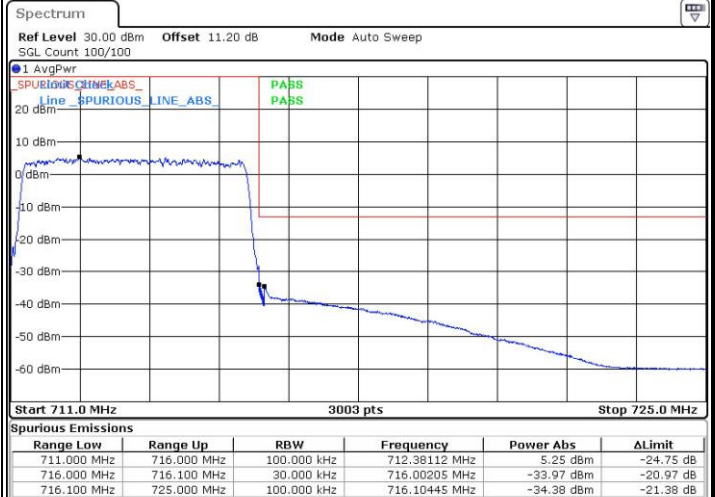
Date: 10.FEB.2016 16:47:47

Lowest Band Edge / Full RB



Date: 10.FEB.2016 16:30:06

Highest Band Edge / Full RB

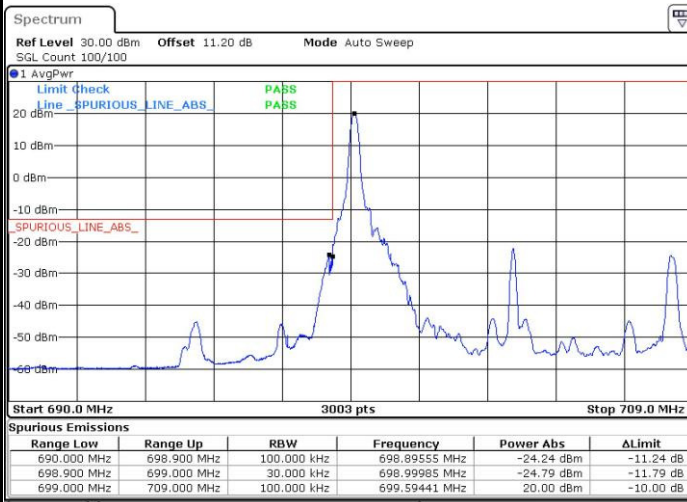


Date: 10.FEB.2016 16:43:43



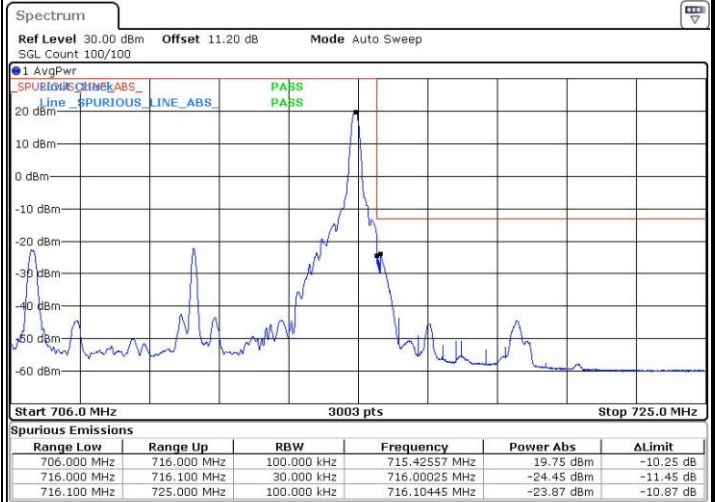
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



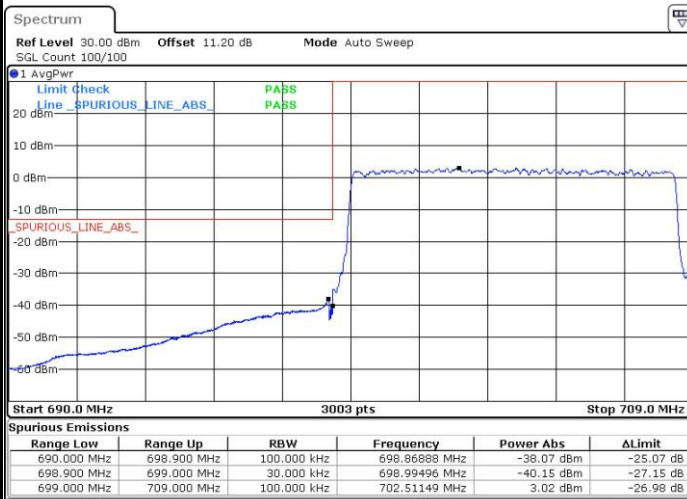
Date: 10.FEB.2016 16:58:40

Highest Band Edge / 1 RB



Date: 10.FEB.2016 17:12:17

Lowest Band Edge / Full RB



Date: 10.FEB.2016 16:52:33

Highest Band Edge / Full RB

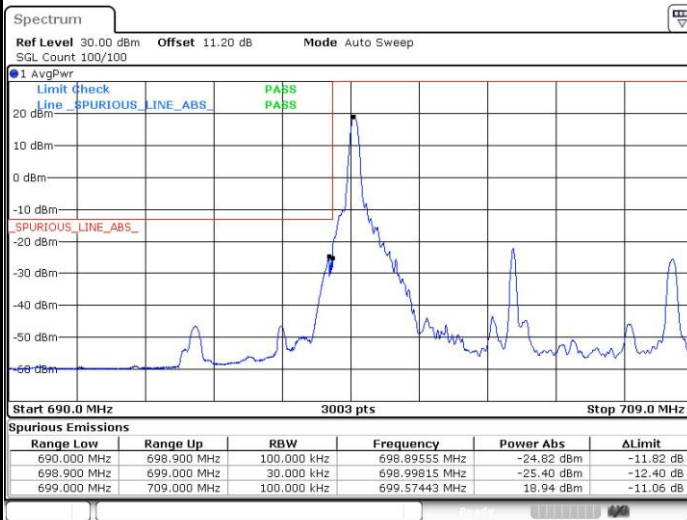


Date: 10.FEB.2016 17:06:10

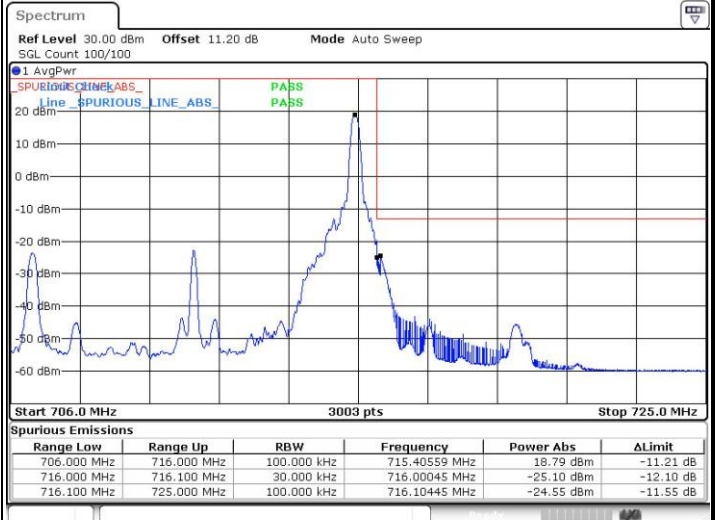


LTE Band 12 / 10MHz / 16QAM

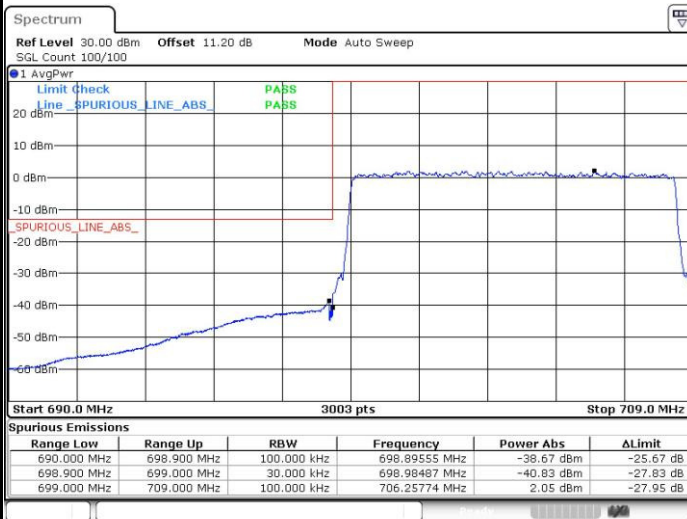
Lowest Band Edge / 1 RB



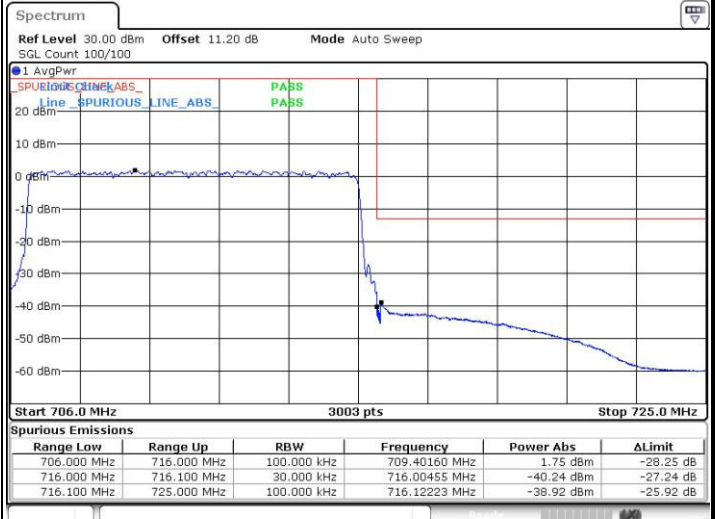
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



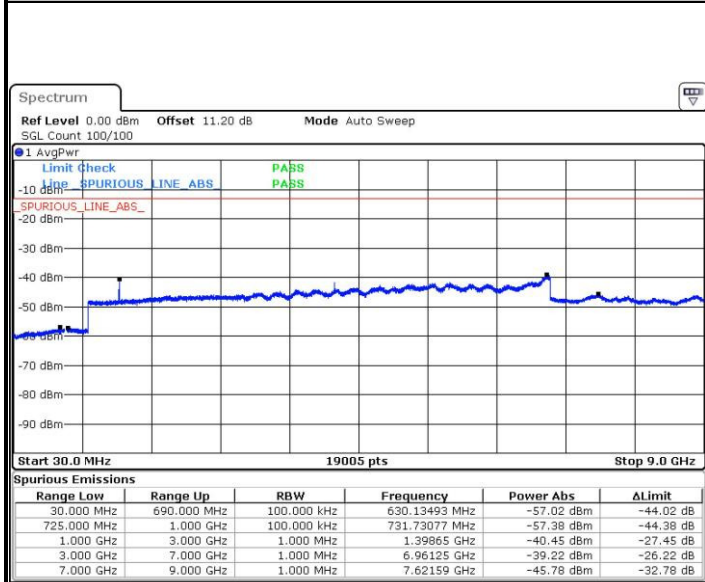


Conducted Spurious Emission



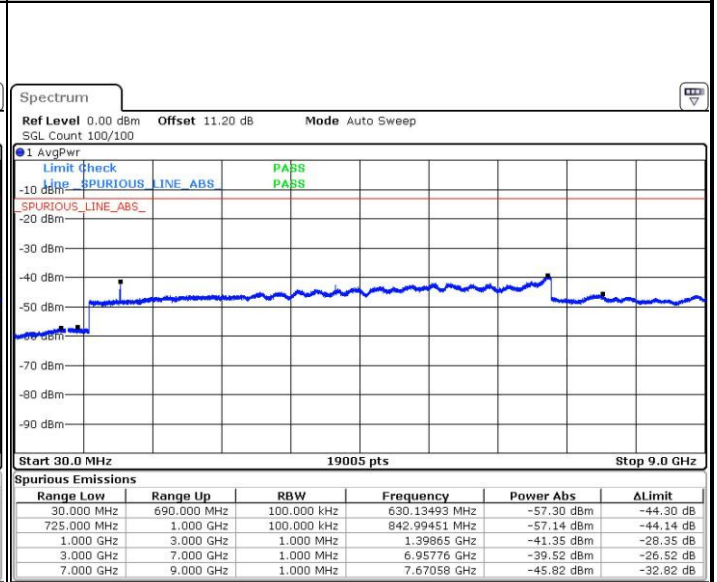
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



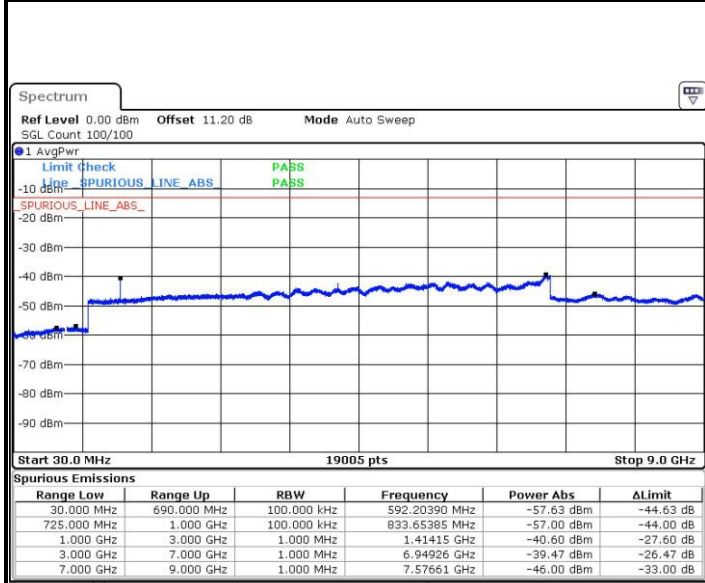
Date: 10.FEB.2016 17:24:07

Lowest Channel / 16QAM



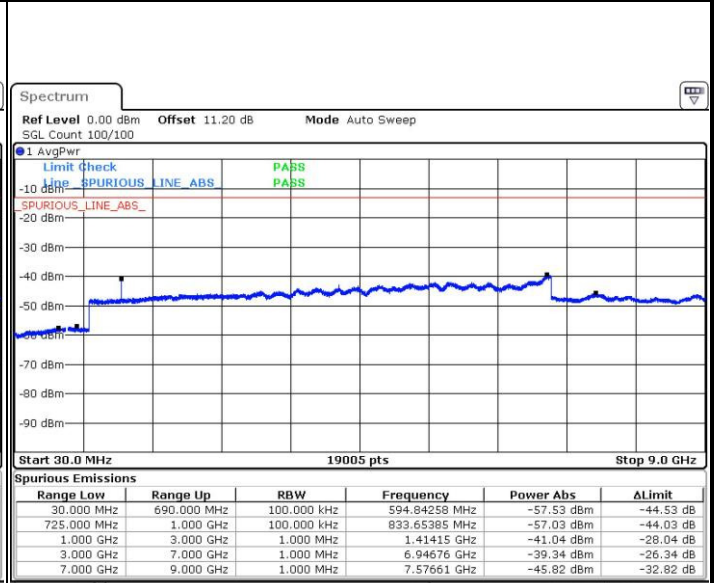
Date: 10.FEB.2016 17:25:05

Middle Channel / QPSK



Date: 10.FEB.2016 17:27:48

Middle Channel / 16QAM

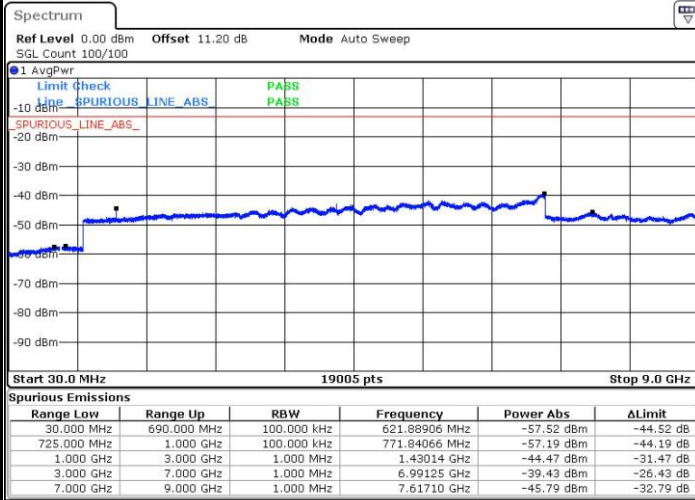


Date: 10.FEB.2016 17:26:50



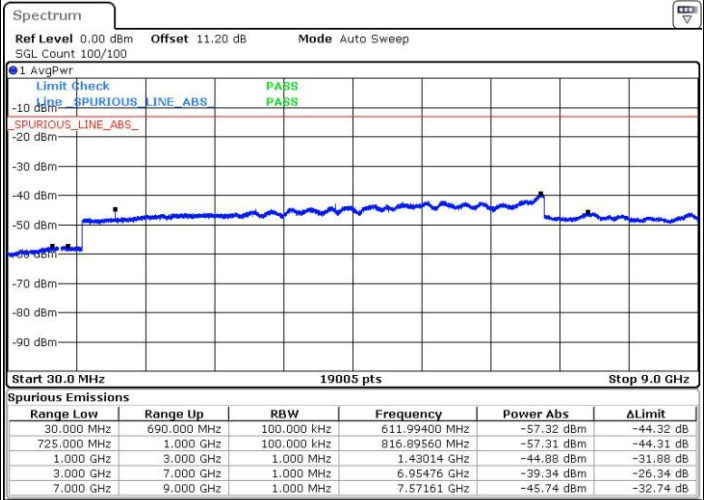
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 10.FEB.2016 17:37:43

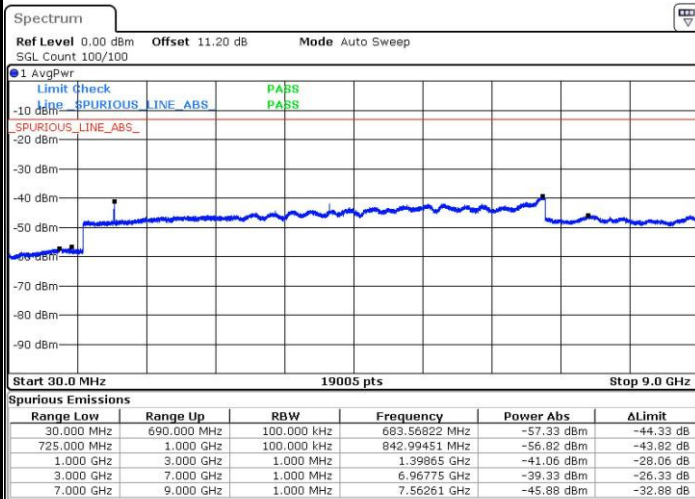
Highest Channel / 16QAM



Date: 10.FEB.2016 17:38:41

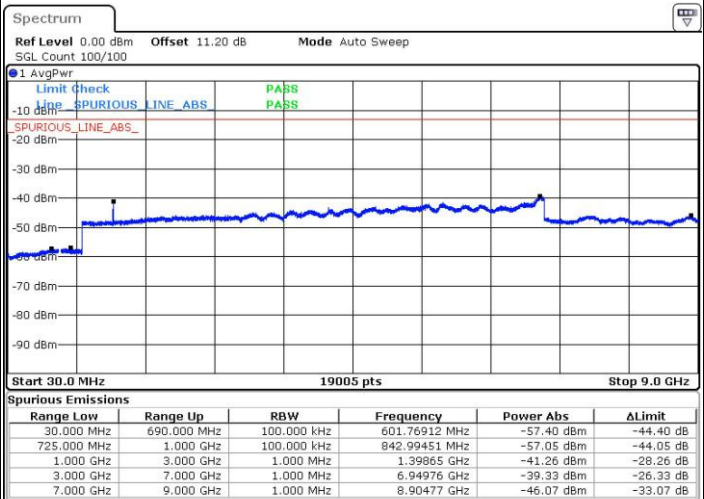
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 10.FEB.2016 16:10:39

Lowest Channel / 16QAM



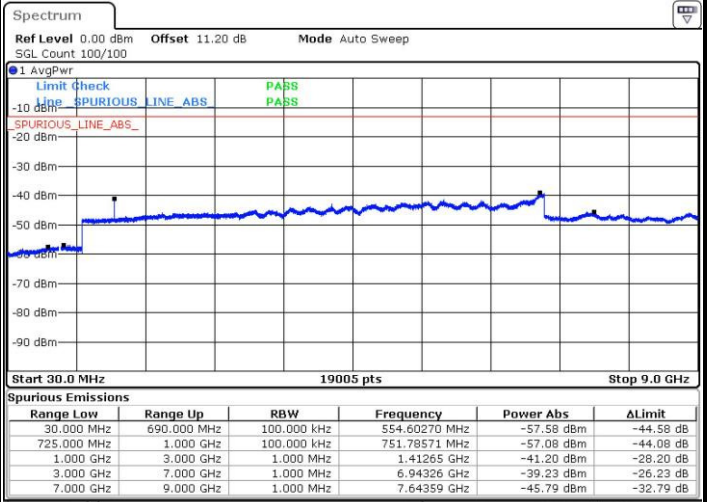
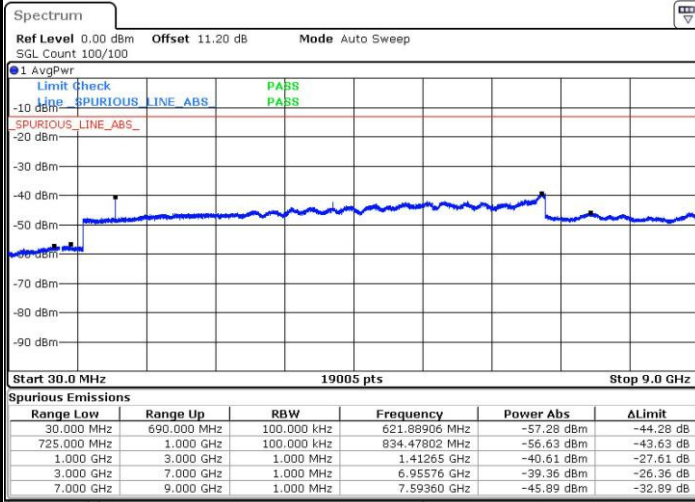
Date: 10.FEB.2016 16:11:37



LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

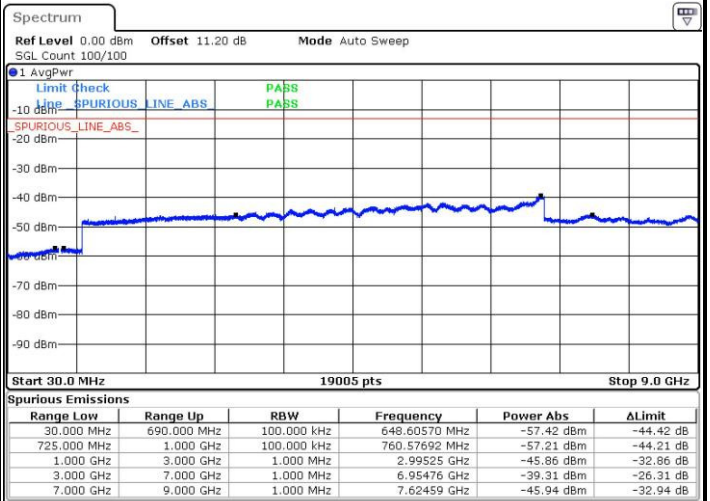
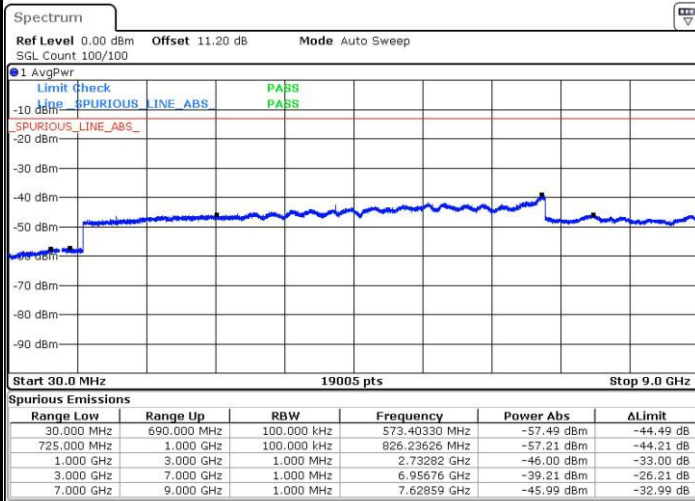


Date: 10.FEB.2016 16:14:21

Date: 10.FEB.2016 16:13:22

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.FEB.2016 16:24:15

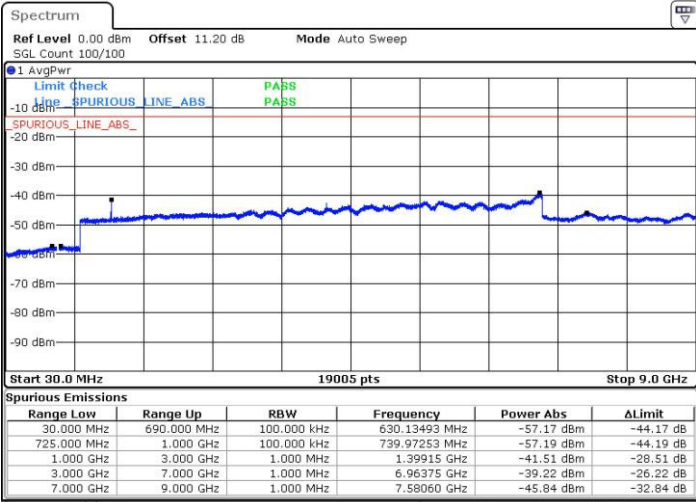
Date: 10.FEB.2016 16:25:13



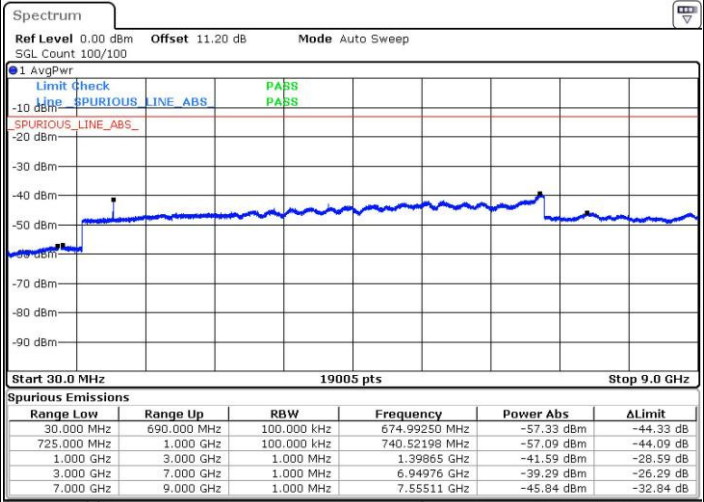
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



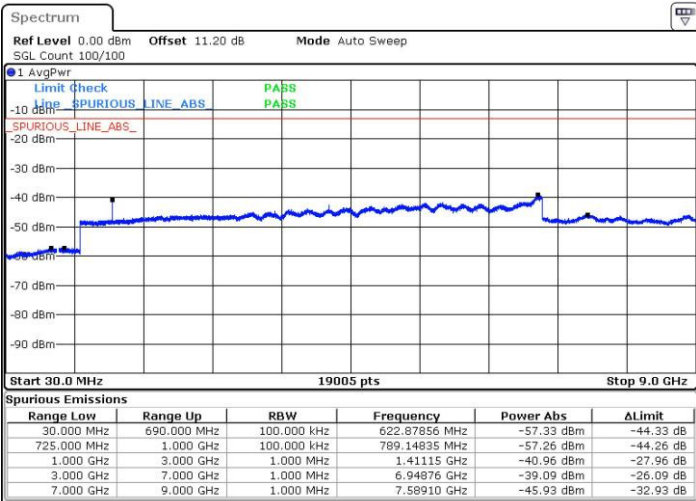
Date: 10.FEB.2016 16:35:08



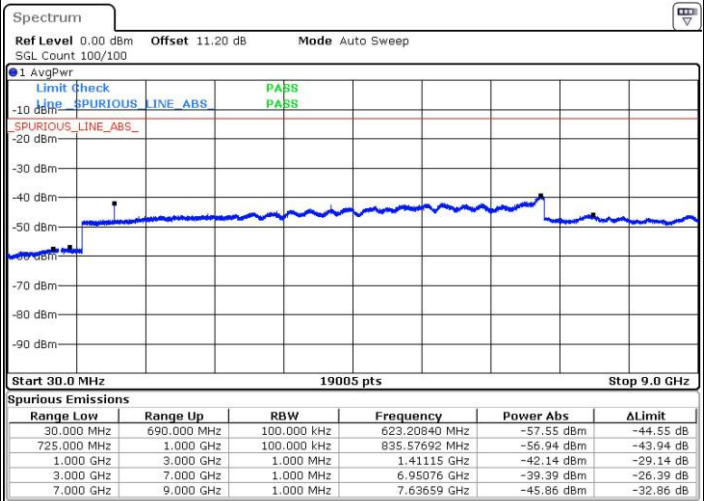
Date: 10.FEB.2016 16:36:07

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 10.FEB.2016 16:38:50

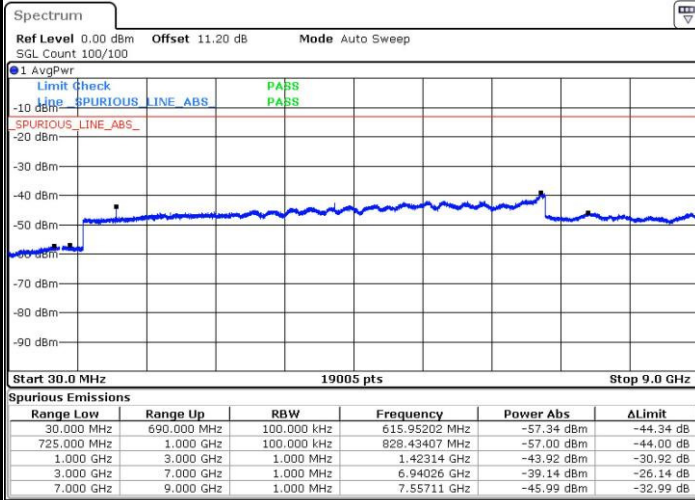


Date: 10.FEB.2016 16:37:52



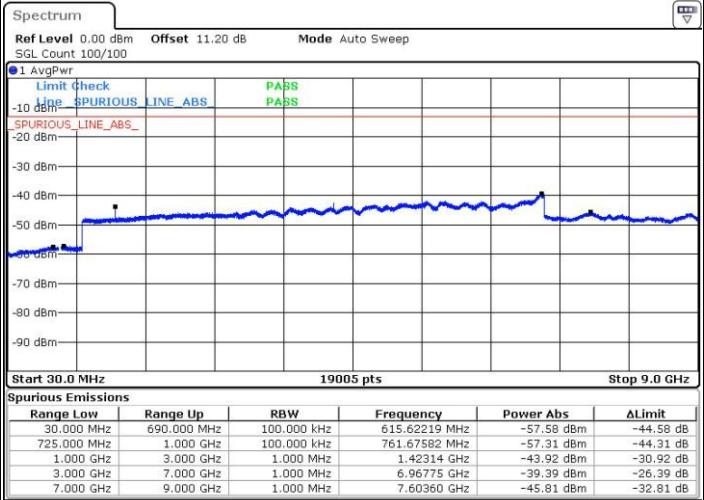
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 10.FEB.2016 16:49:43

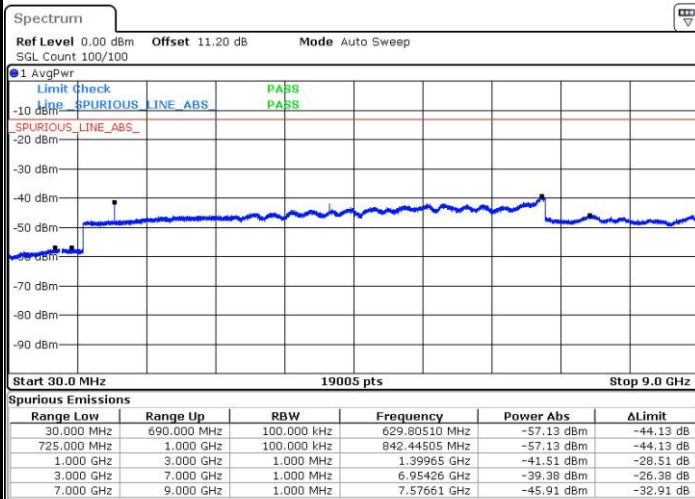
Highest Channel / 16QAM



Date: 10.FEB.2016 16:48:45

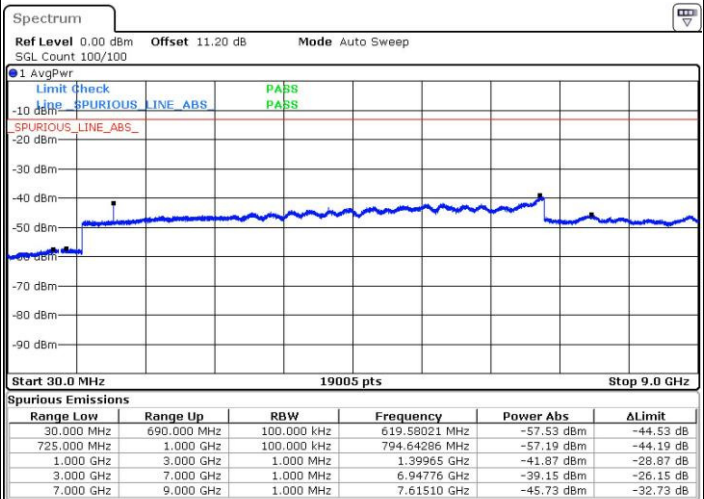
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 10.FEB.2016 16:59:38

Lowest Channel / 16QAM



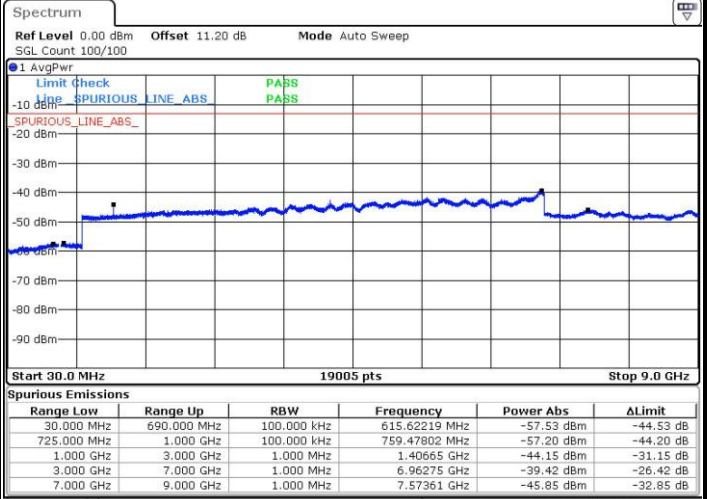
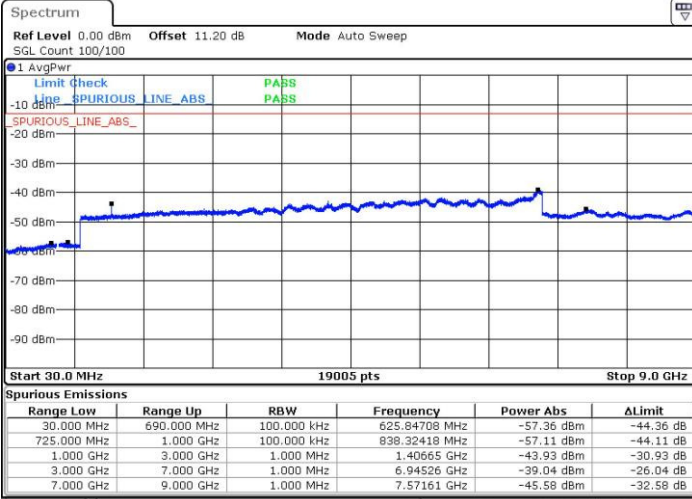
Date: 10.FEB.2016 17:00:37



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

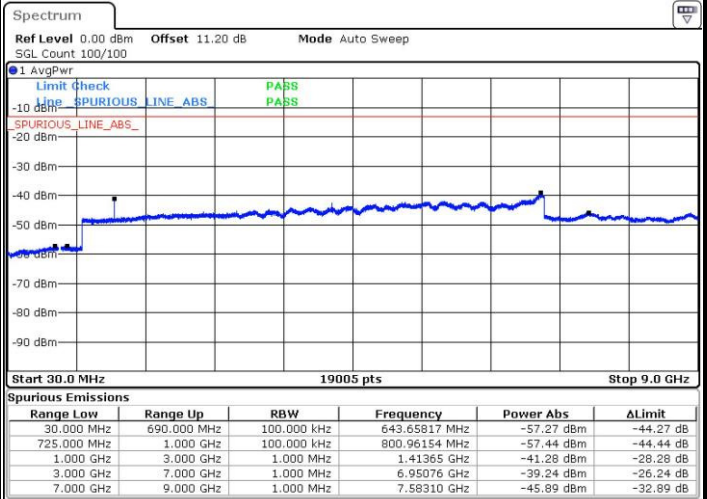
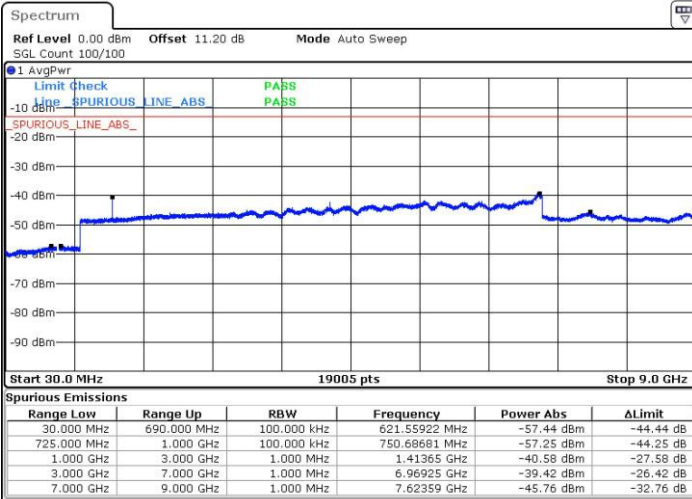


Date: 10.FEB.2016 17:03:20

Date: 10.FEB.2016 17:02:22

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.FEB.2016 17:13:14

Date: 10.FEB.2016 17:14:13



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	0.0024	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0030	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.1V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

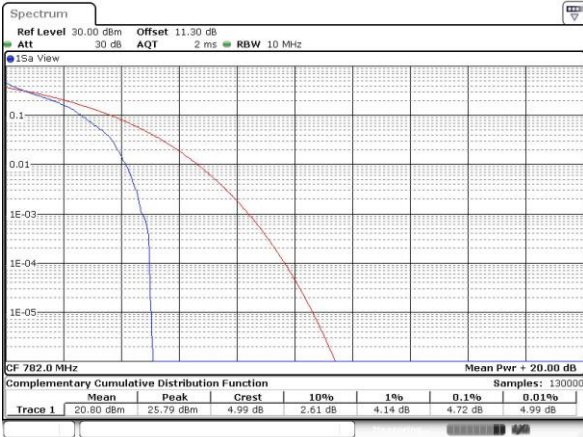
Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	4.72	5.28	5.74	6.43	
Highest CH	-	-	-	-	



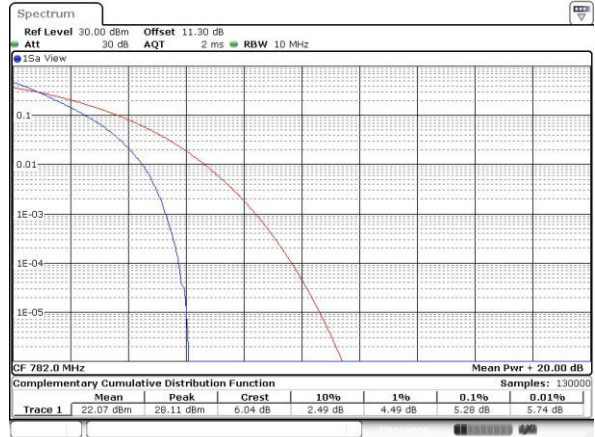
LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB



Date: 15 FEB 2016 10:23:14

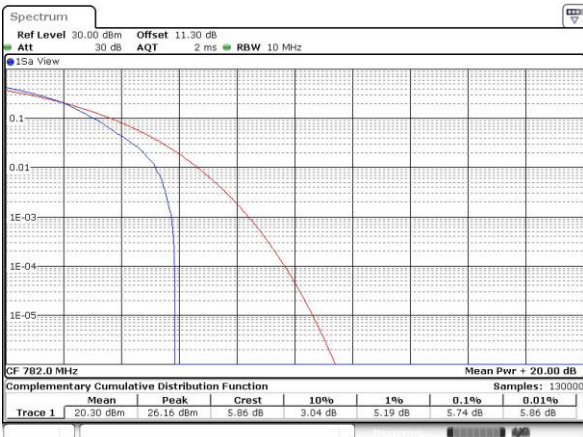
Middle Channel / Full RB



Date: 19 FEB 2016 23:06:40

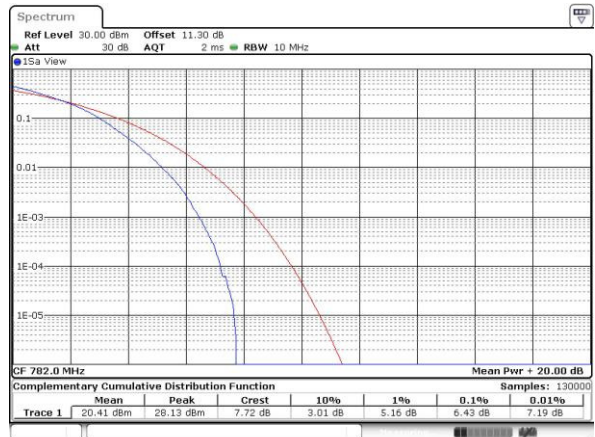
LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Date: 15 FEB 2016 10:22:48

Middle Channel / Full RB



Date: 15 FEB 2016 10:23:03