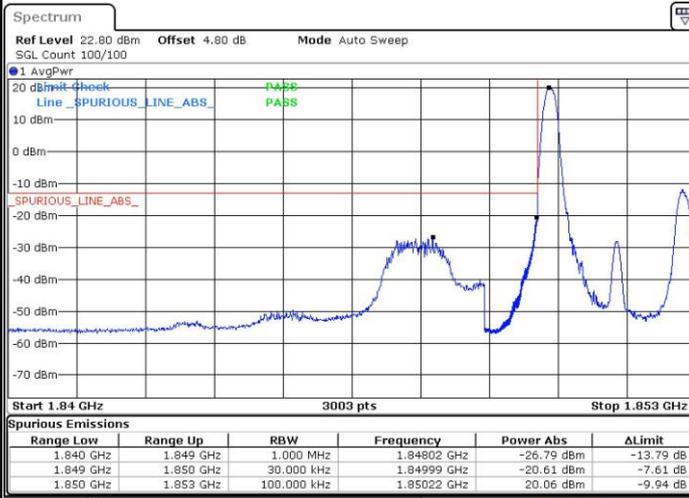




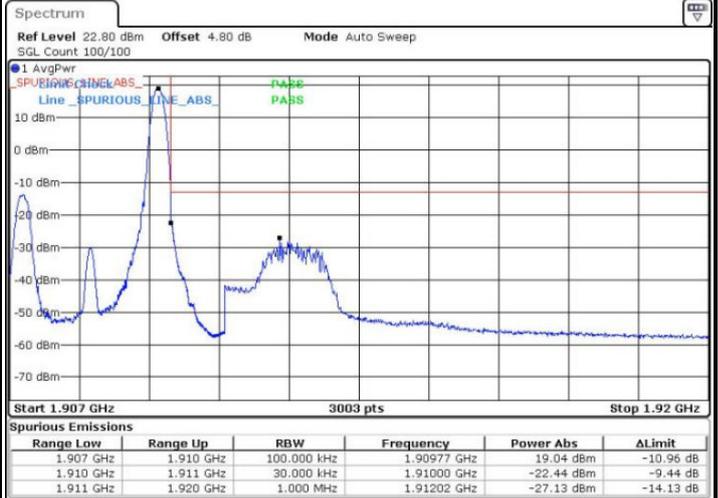
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 19 JAN 2016 11:35:02

Highest Band Edge / 1 RB



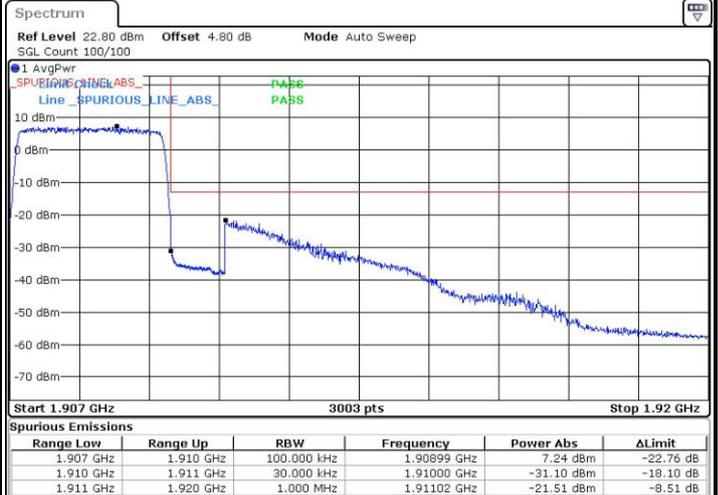
Date: 19 JAN 2016 11:44:40

Lowest Band Edge / Full RB



Date: 19 JAN 2016 11:37:20

Highest Band Edge / Full RB

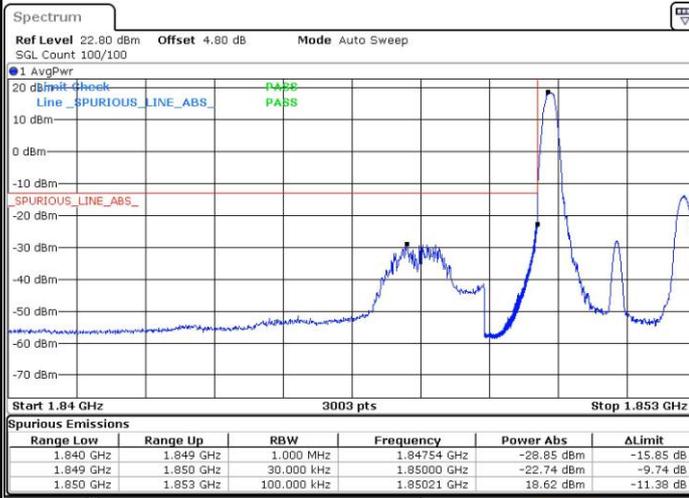


Date: 19 JAN 2016 11:46:57



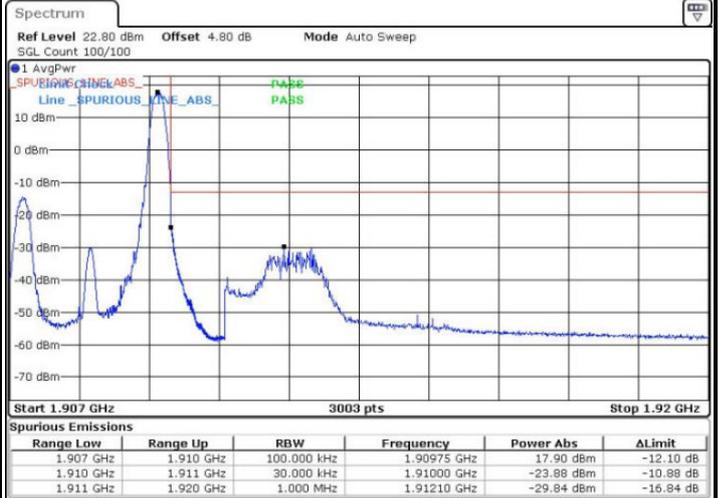
LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



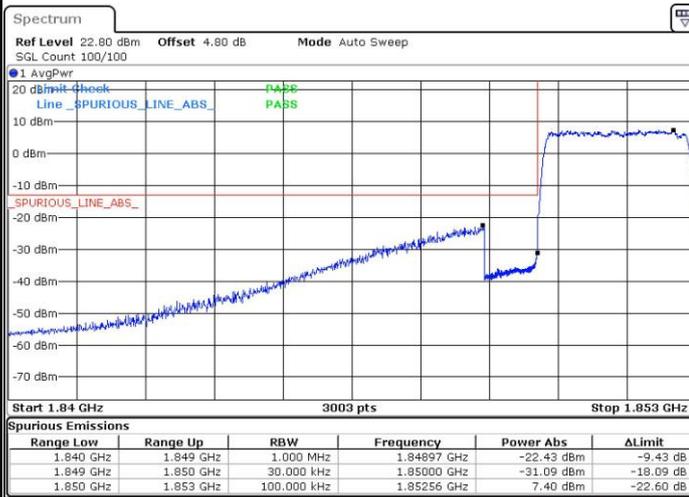
Date: 19 JAN 2016 11:36:11

Highest Band Edge / 1 RB



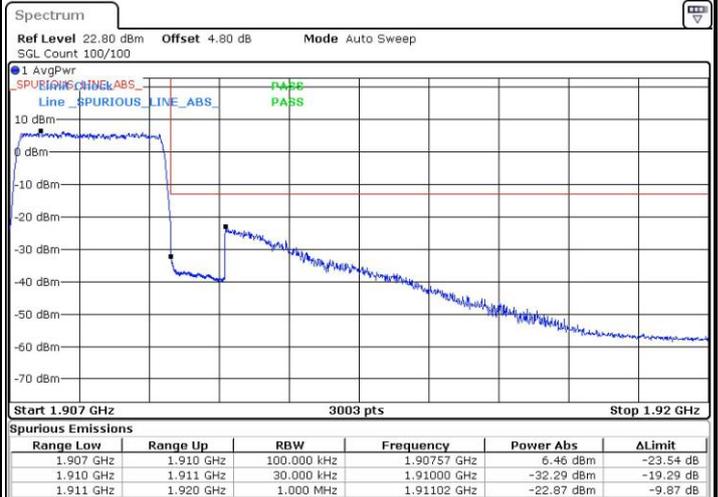
Date: 19 JAN 2016 11:45:49

Lowest Band Edge / Full RB



Date: 19 JAN 2016 11:38:29

Highest Band Edge / Full RB

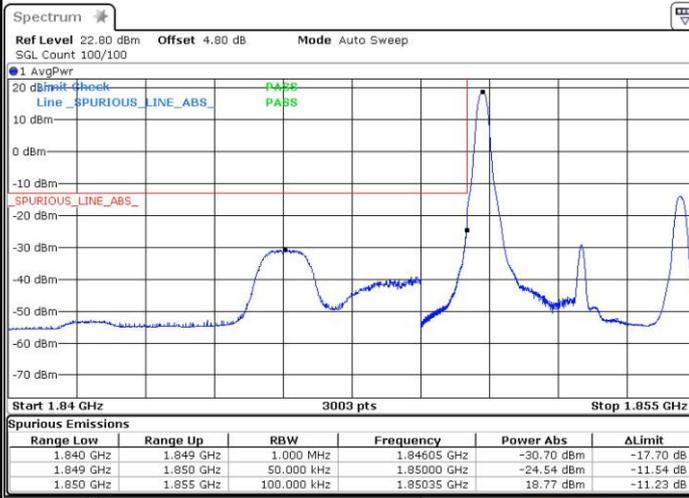


Date: 19 JAN 2016 11:48:07



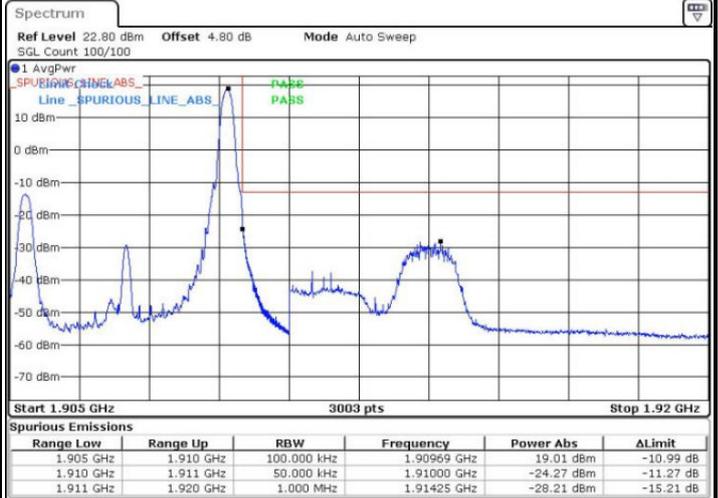
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



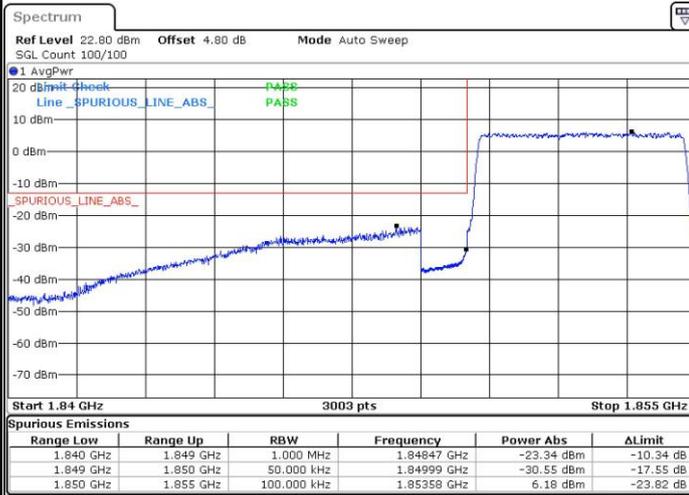
Date: 19 JAN 2016 15:05:01

Highest Band Edge / 1 RB



Date: 19 JAN 2016 12:01:24

Lowest Band Edge / Full RB



Date: 19 JAN 2016 11:54:05

Highest Band Edge / Full RB

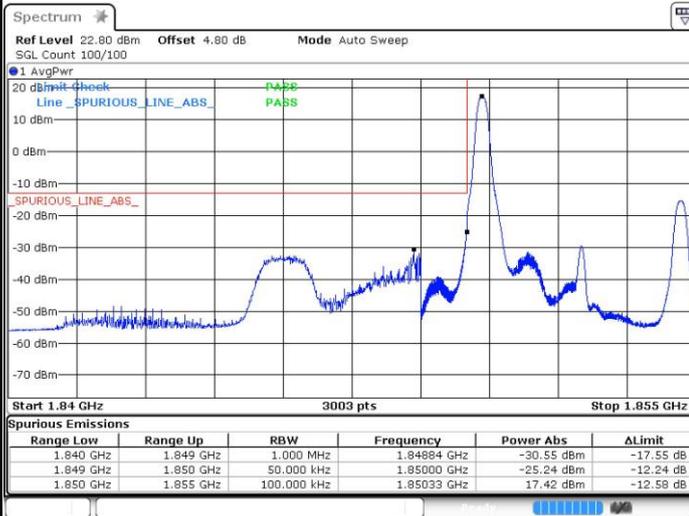


Date: 19 JAN 2016 12:03:42



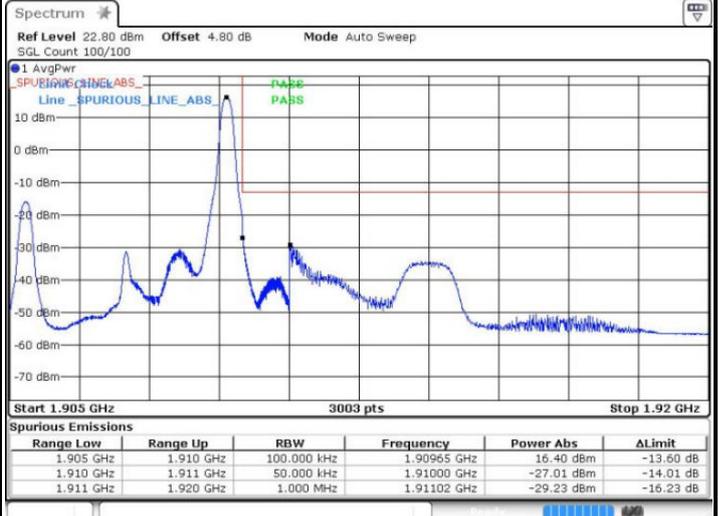
LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



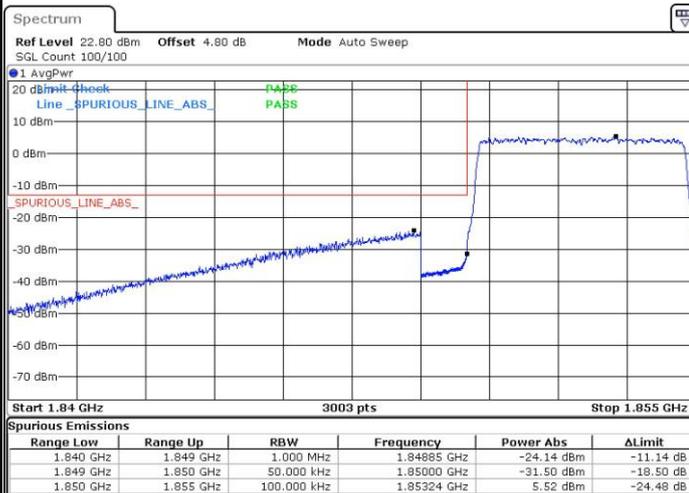
Date: 19 JAN 2016 15:01:47

Highest Band Edge / 1 RB



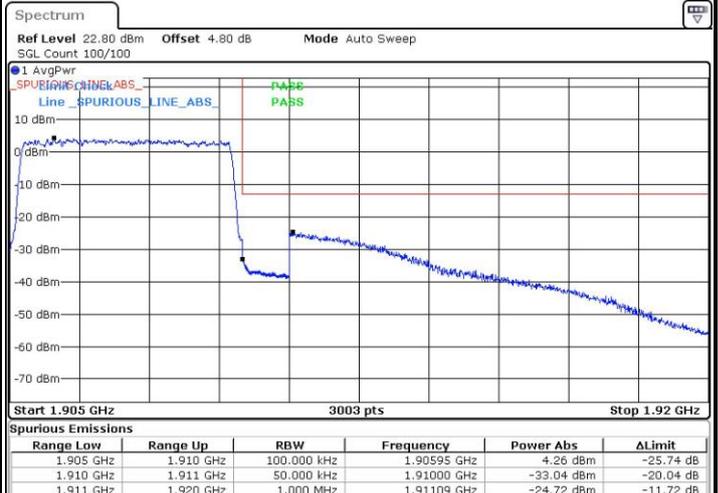
Date: 19 JAN 2016 15:08:28

Lowest Band Edge / Full RB



Date: 19 JAN 2016 11:55:14

Highest Band Edge / Full RB

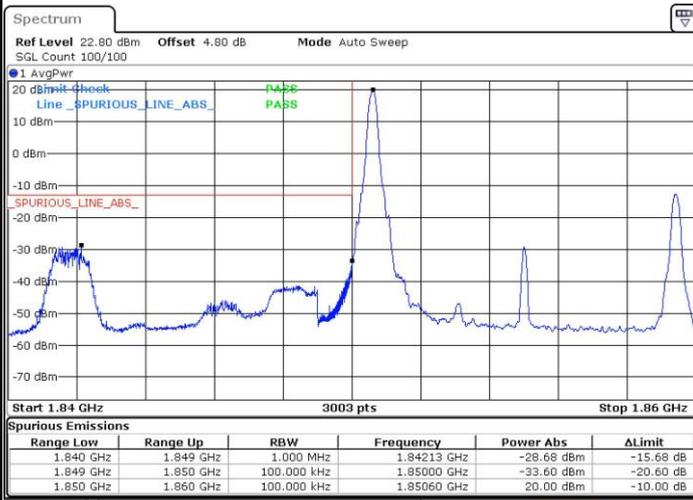


Date: 19 JAN 2016 12:04:51



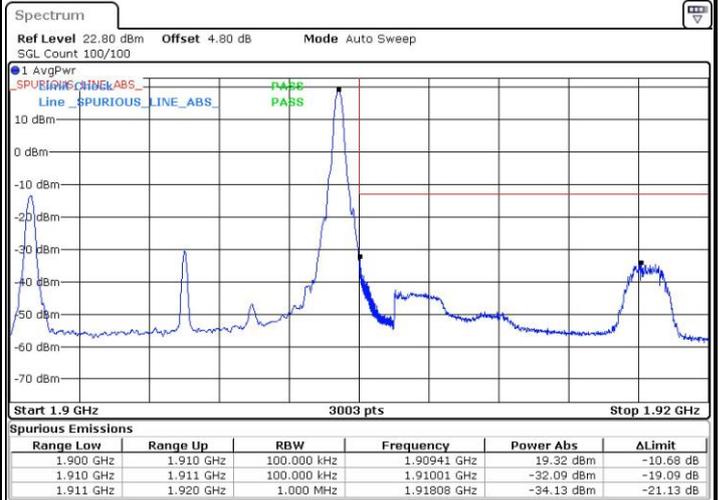
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



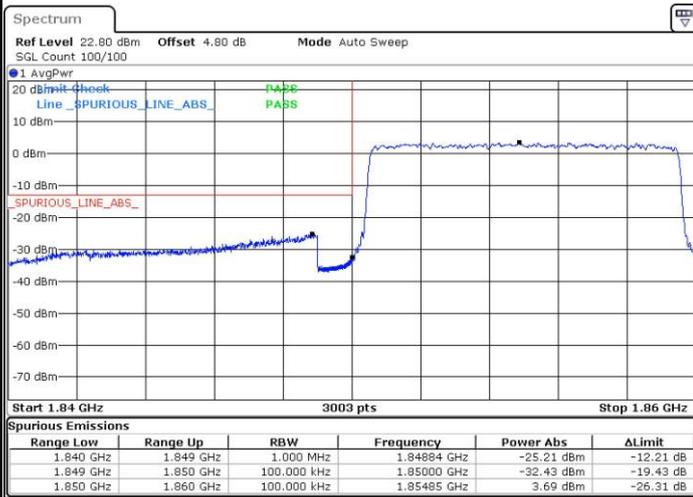
Date: 19 JAN 2016 12:08:32

Highest Band Edge / 1 RB



Date: 19 JAN 2016 12:18:10

Lowest Band Edge / Full RB



Date: 19 JAN 2016 12:10:50

Highest Band Edge / Full RB

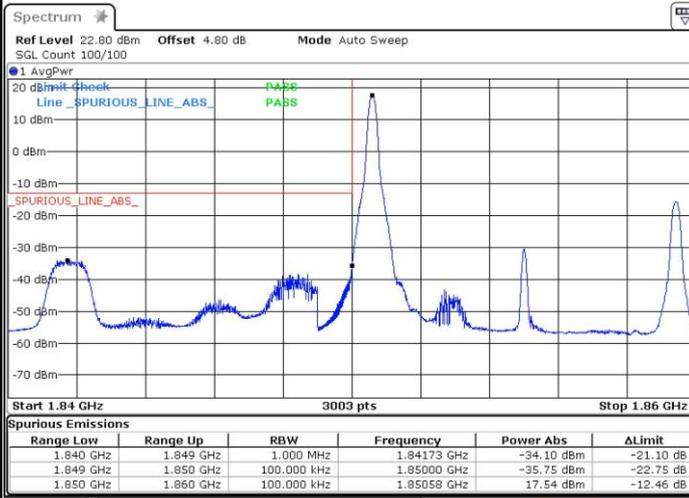


Date: 19 JAN 2016 12:20:27



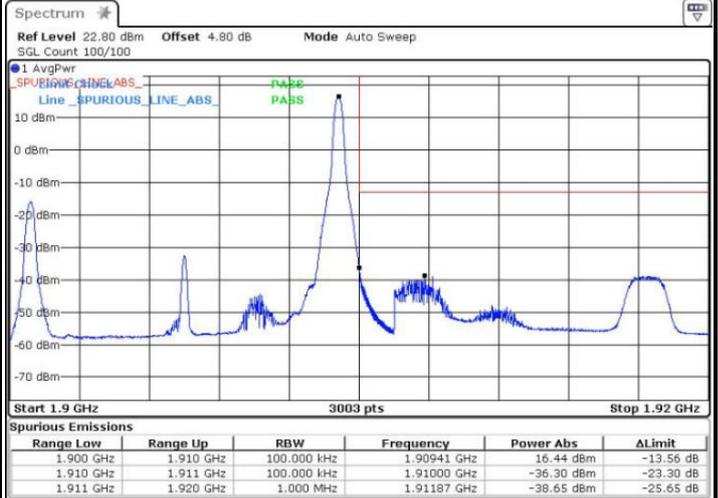
LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



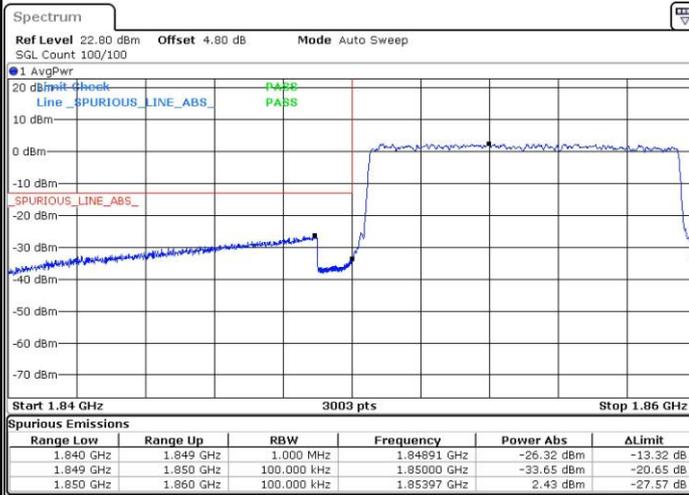
Date: 19.JAN.2016 15:14:10

Highest Band Edge / 1 RB



Date: 19.JAN.2016 15:16:39

Lowest Band Edge / Full RB



Date: 19.JAN.2016 12:11:59

Highest Band Edge / Full RB

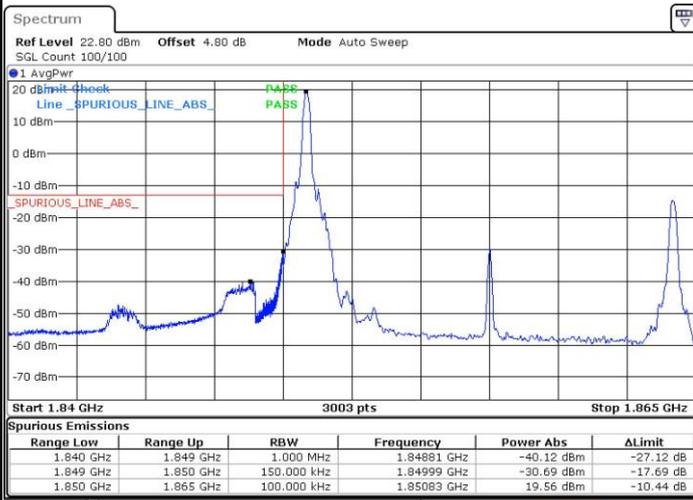


Date: 19.JAN.2016 12:21:36



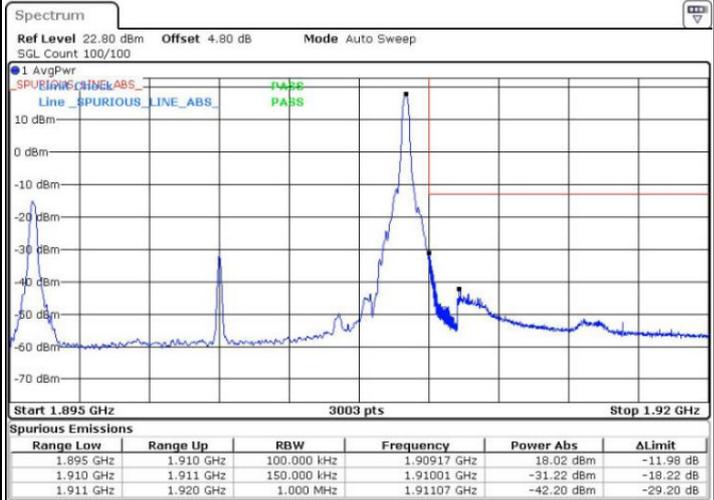
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



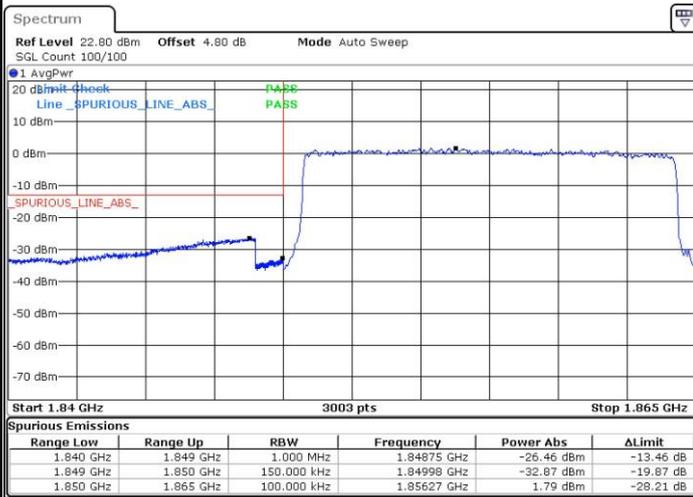
Date: 19 JAN 2016 13:44:39

Highest Band Edge / 1 RB



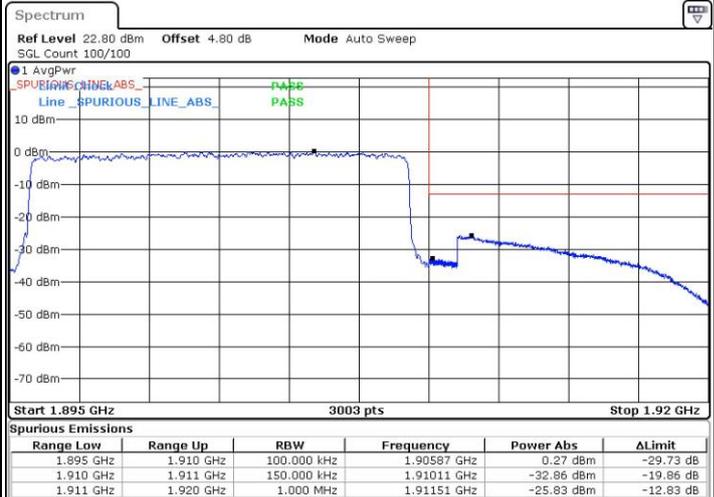
Date: 19 JAN 2016 15:30:48

Lowest Band Edge / Full RB



Date: 19 JAN 2016 13:46:56

Highest Band Edge / Full RB

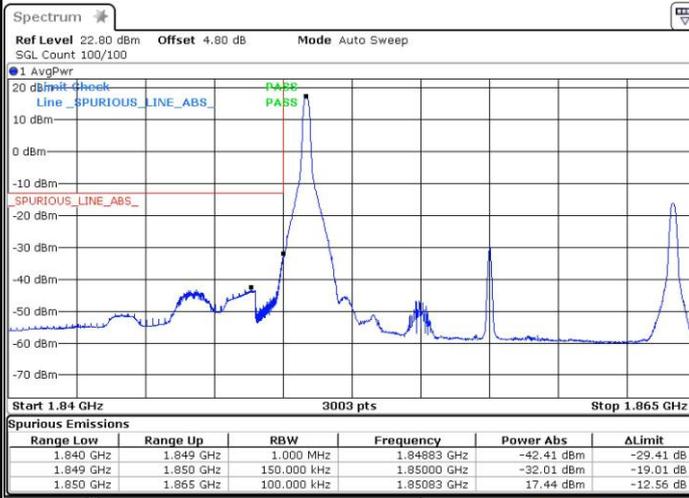


Date: 19 JAN 2016 13:56:33



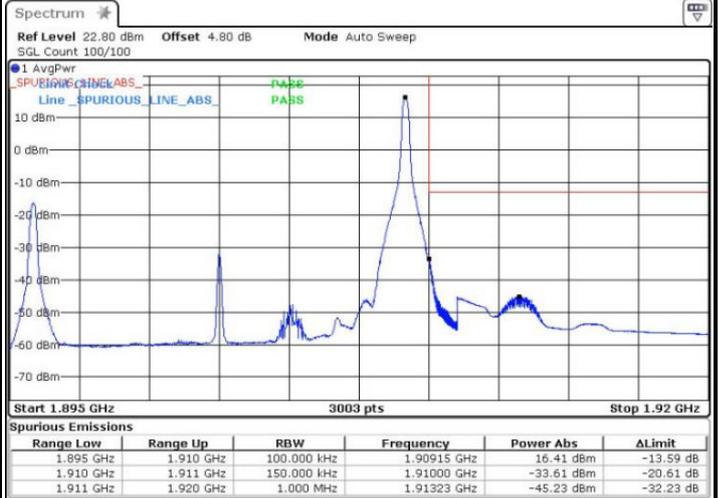
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



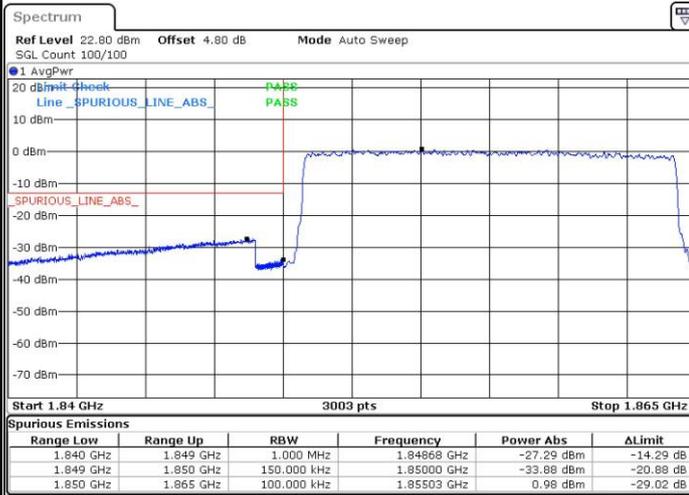
Date: 19 JAN 2016 15:24:06

Highest Band Edge / 1 RB



Date: 19 JAN 2016 15:27:44

Lowest Band Edge / Full RB



Date: 19 JAN 2016 13:48:05

Highest Band Edge / Full RB

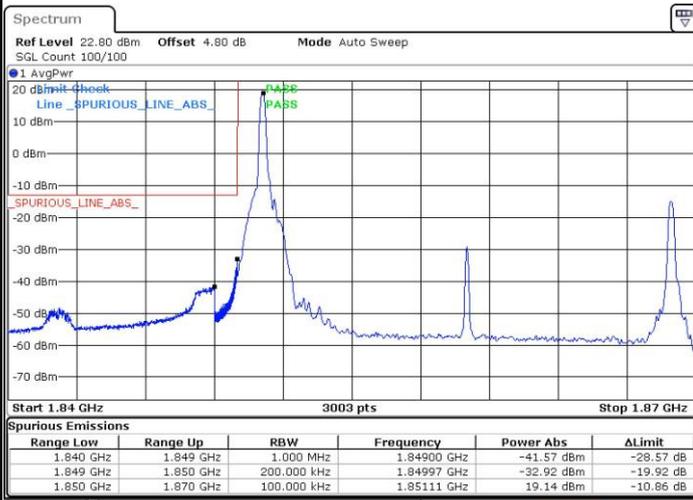


Date: 19 JAN 2016 13:57:42



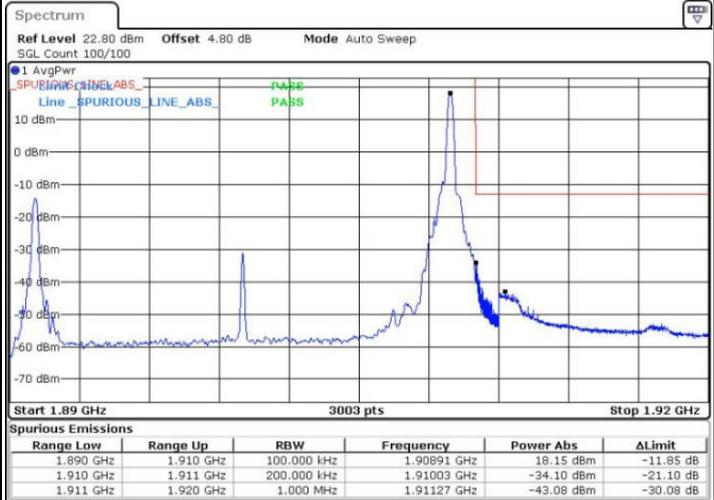
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



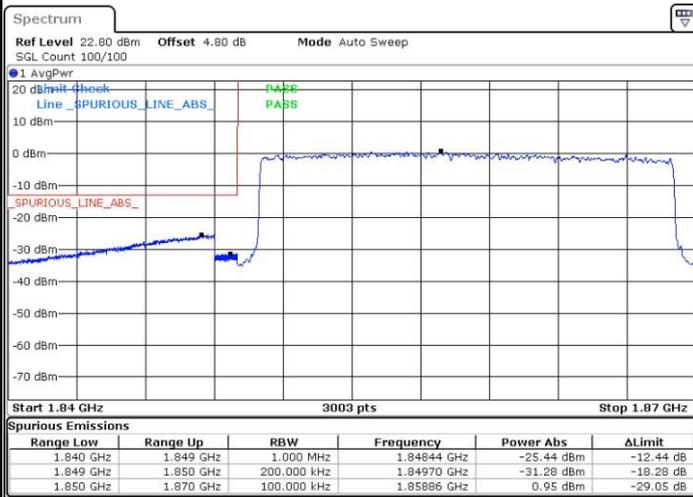
Date: 19 JAN 2016 14:22:53

Highest Band Edge / 1 RB



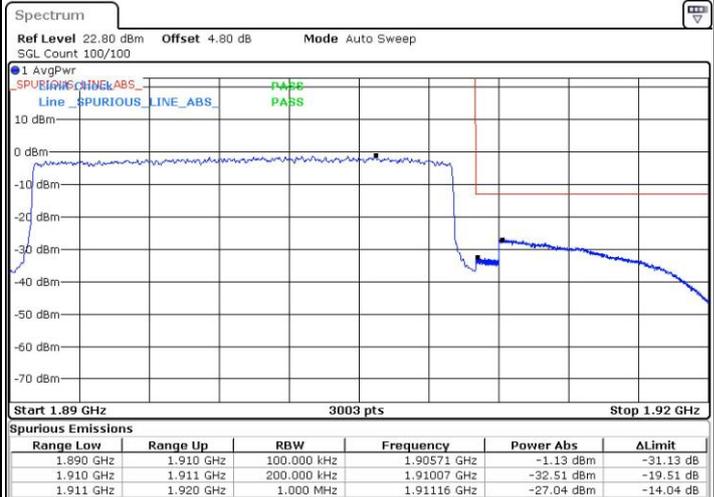
Date: 19 JAN 2016 14:32:34

Lowest Band Edge / Full RB



Date: 19 JAN 2016 14:25:10

Highest Band Edge / Full RB

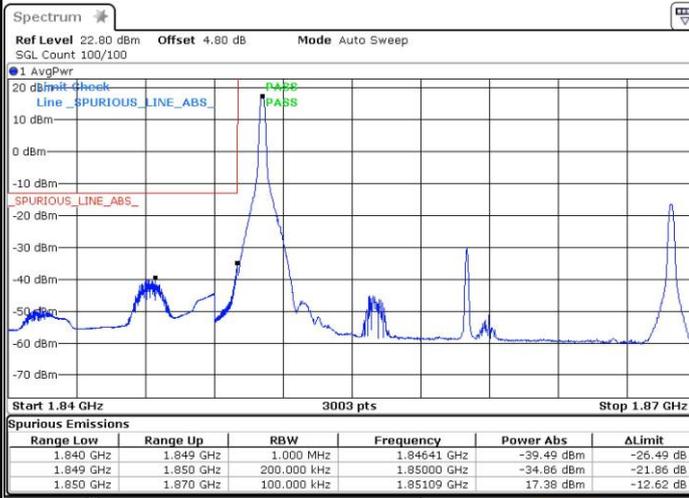


Date: 19 JAN 2016 14:34:50



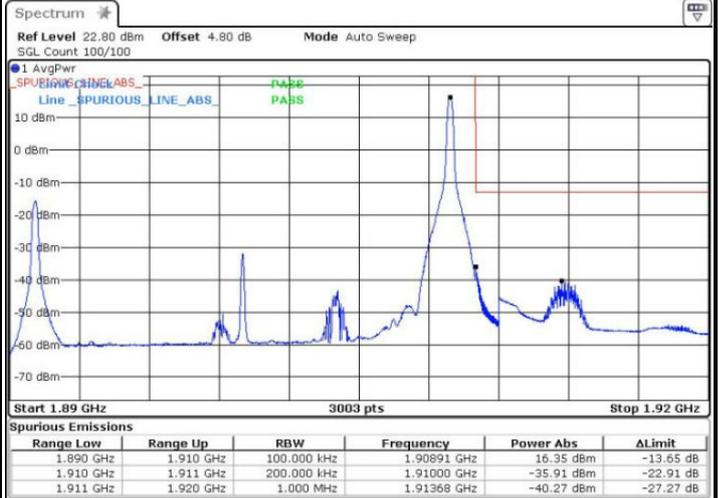
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



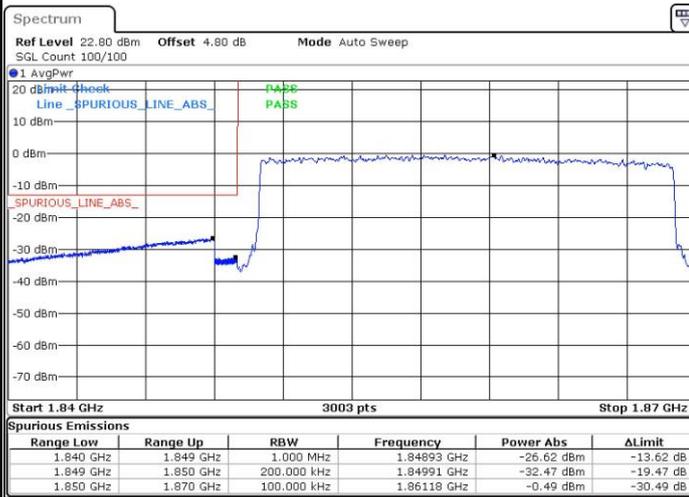
Date: 19 JAN 2016 15:34:50

Highest Band Edge / 1 RB



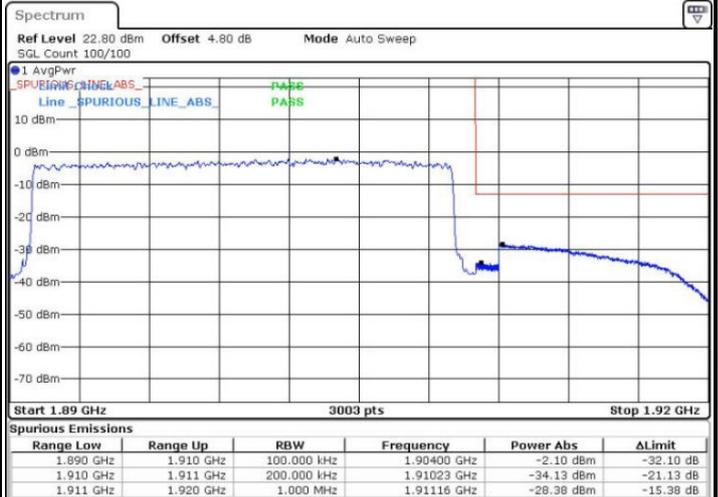
Date: 19 JAN 2016 15:36:37

Lowest Band Edge / Full RB



Date: 19 JAN 2016 14:26:18

Highest Band Edge / Full RB



Date: 19 JAN 2016 14:35:58



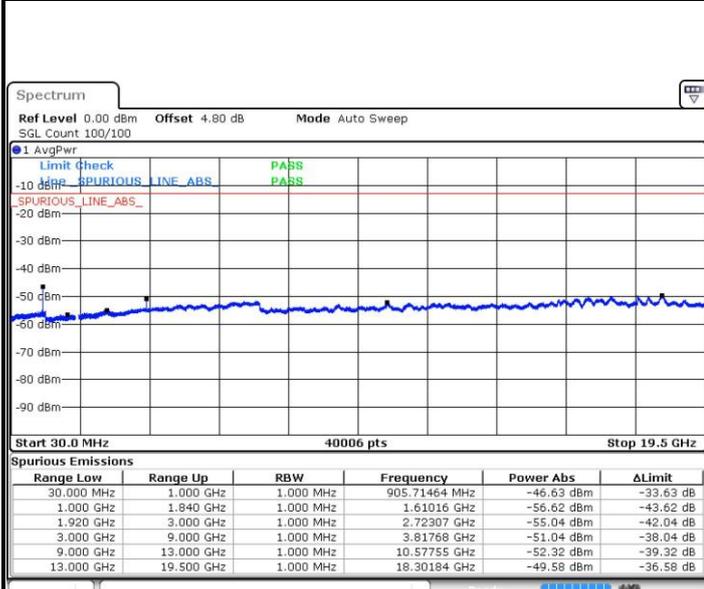
# Conducted Spurious Emission





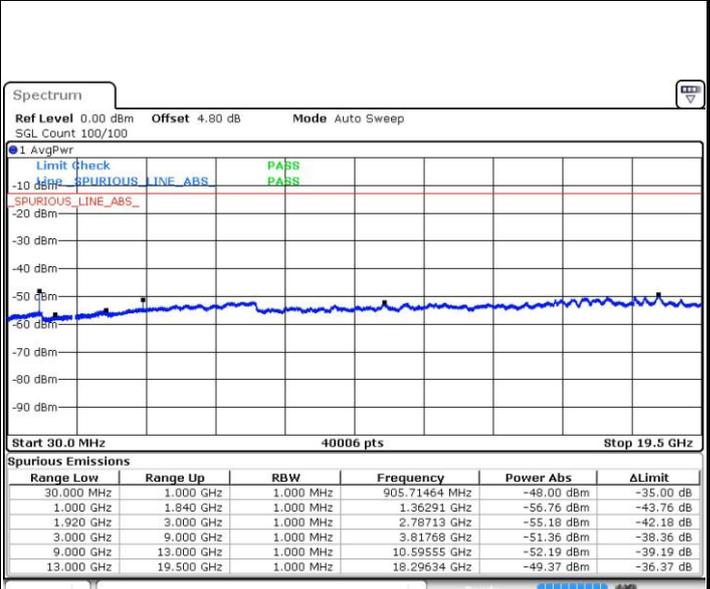
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 19 JAN 2016 11:32:16

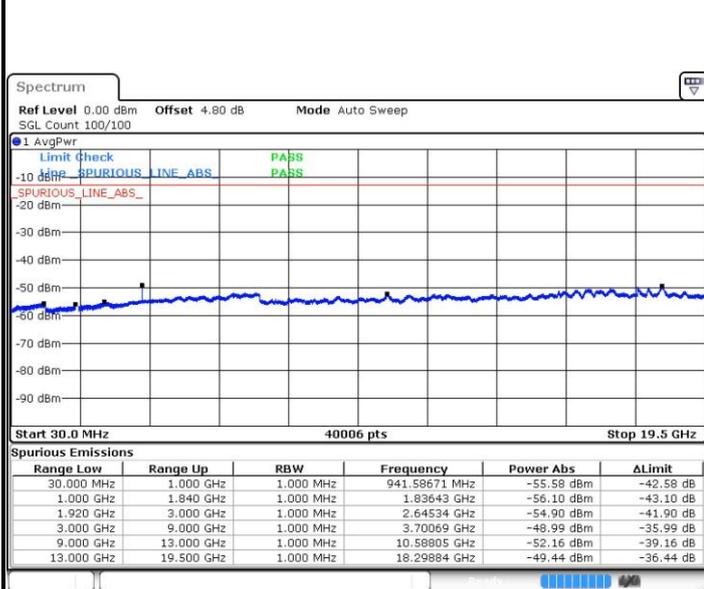
Highest Channel / 16QAM



Date: 19 JAN 2016 11:33:10

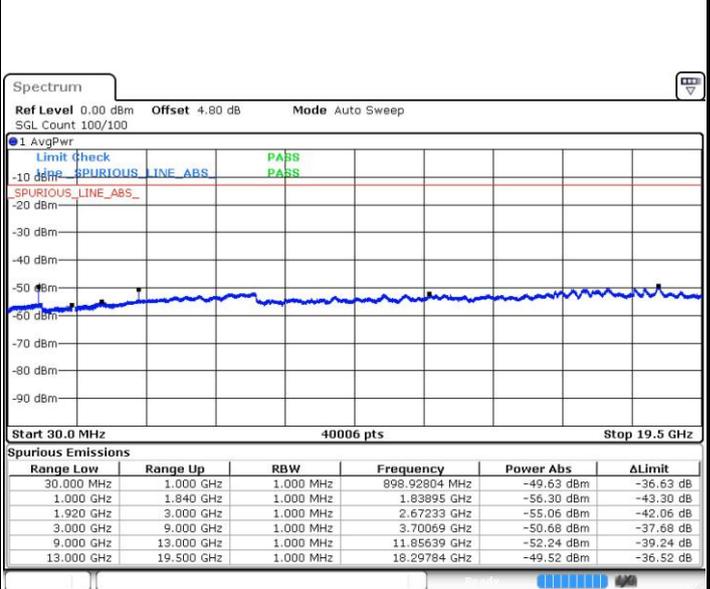
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 19 JAN 2016 11:39:23

Lowest Channel / 16QAM



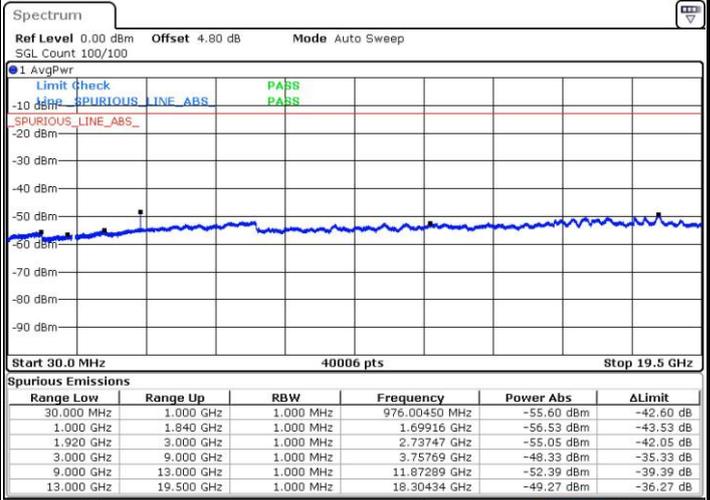
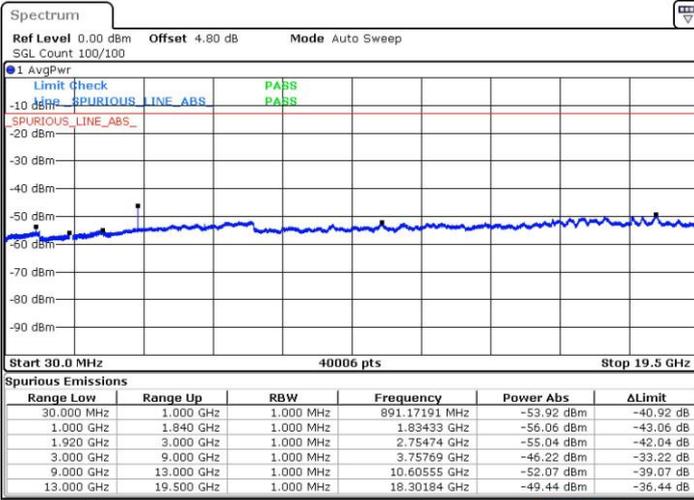
Date: 19 JAN 2016 11:40:17



LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

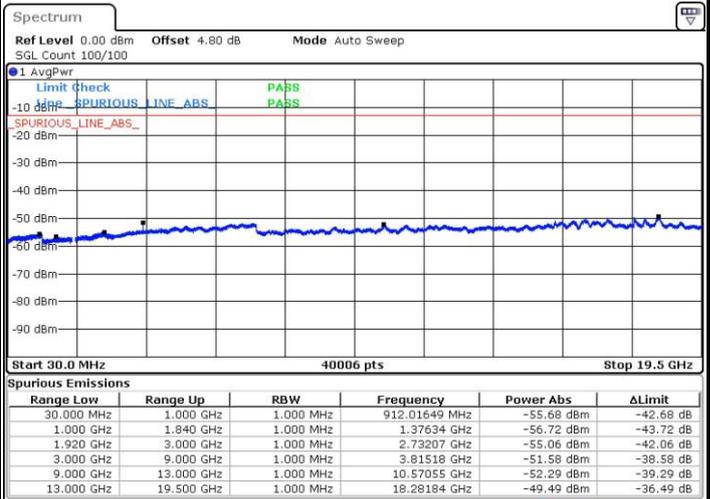
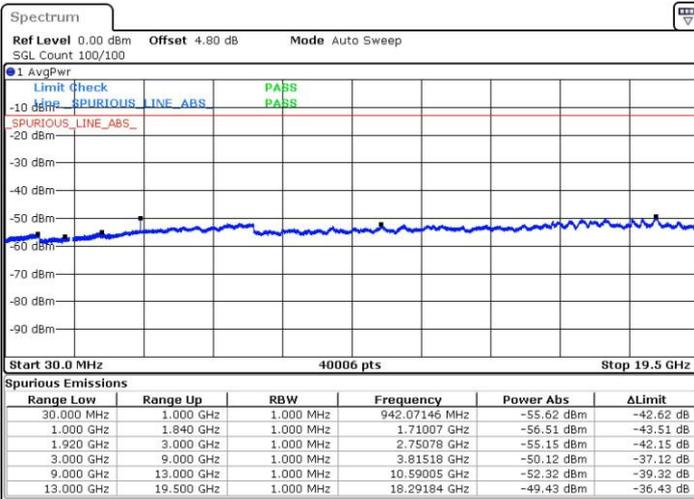


Date: 19 JAN 2016 11:41:54

Date: 19 JAN 2016 11:42:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 19 JAN 2016 11:49:01

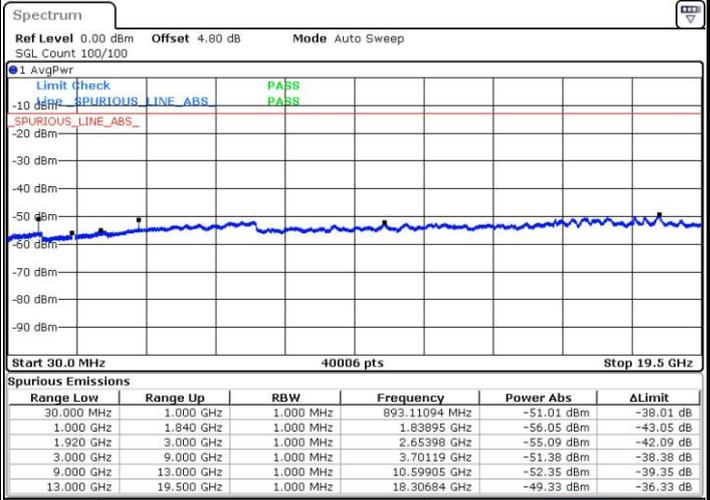
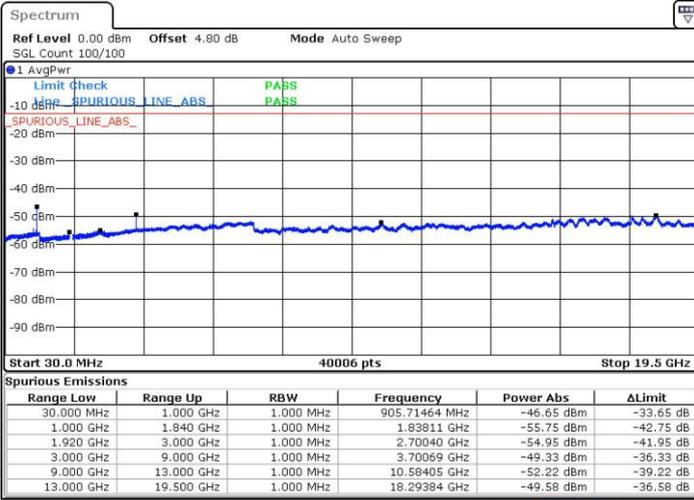
Date: 19 JAN 2016 11:49:55



LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

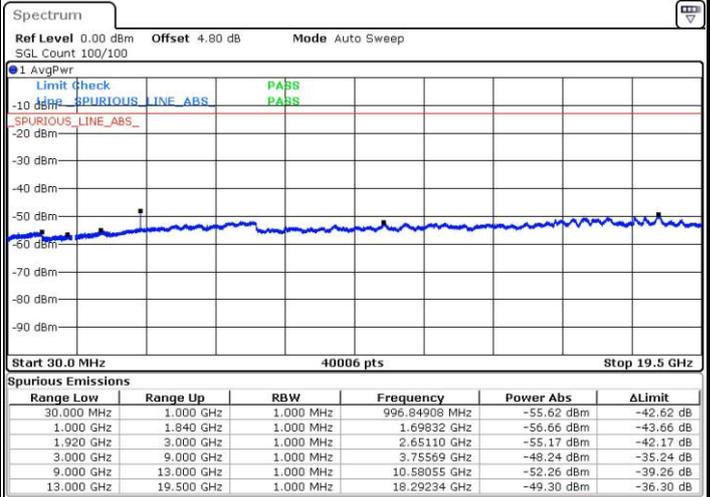
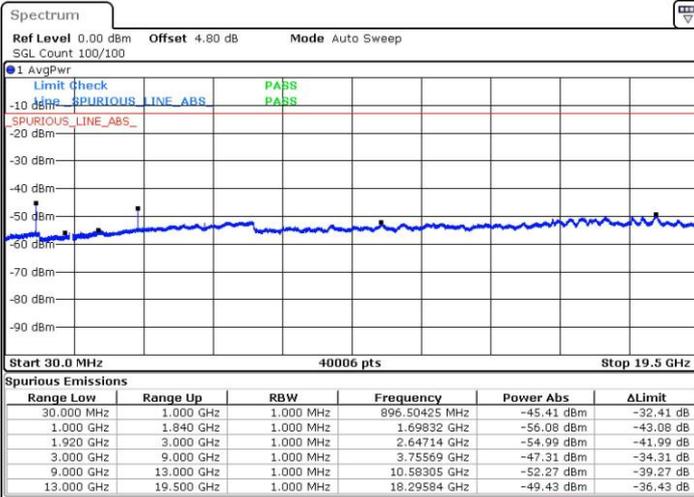


Date: 19 JAN 2016 11:56:08

Date: 19 JAN 2016 11:57:02

Middle Channel / QPSK

Middle Channel / 16QAM



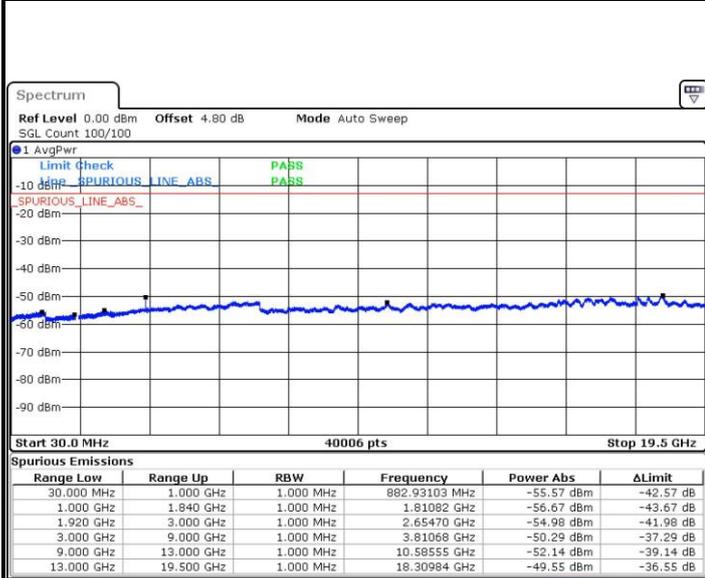
Date: 19 JAN 2016 11:58:39

Date: 19 JAN 2016 11:59:33



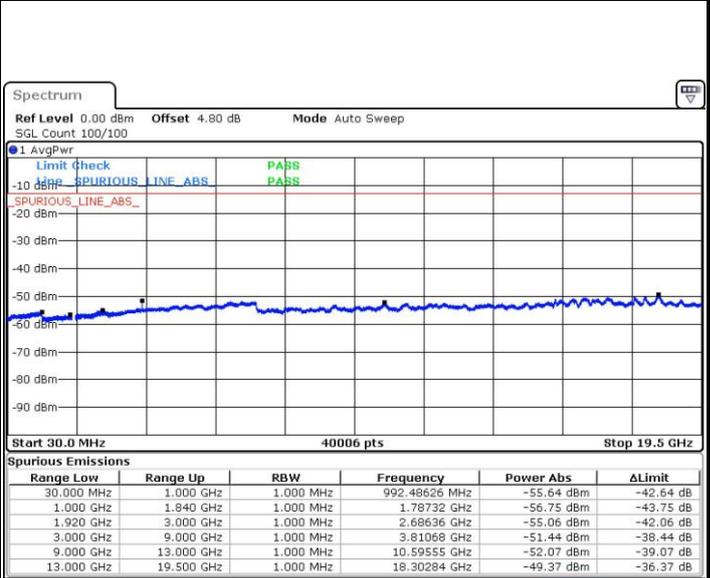
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 19 JAN 2016 12:05:46

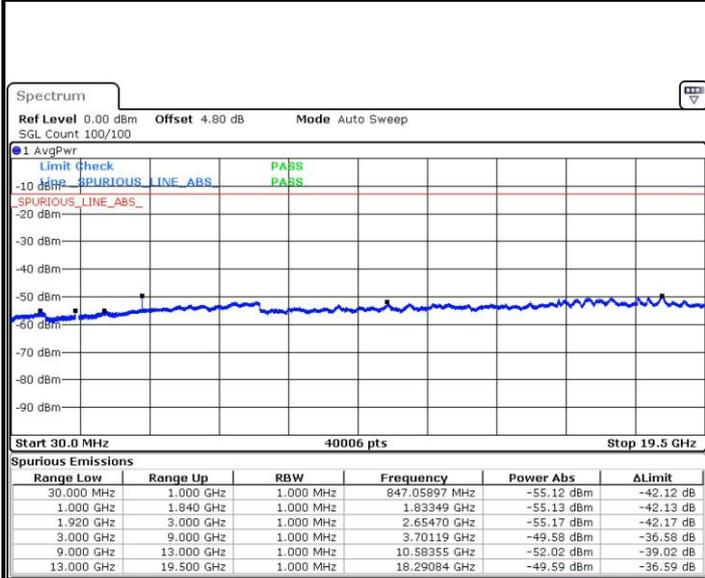
Highest Channel / 16QAM



Date: 19 JAN 2016 12:06:40

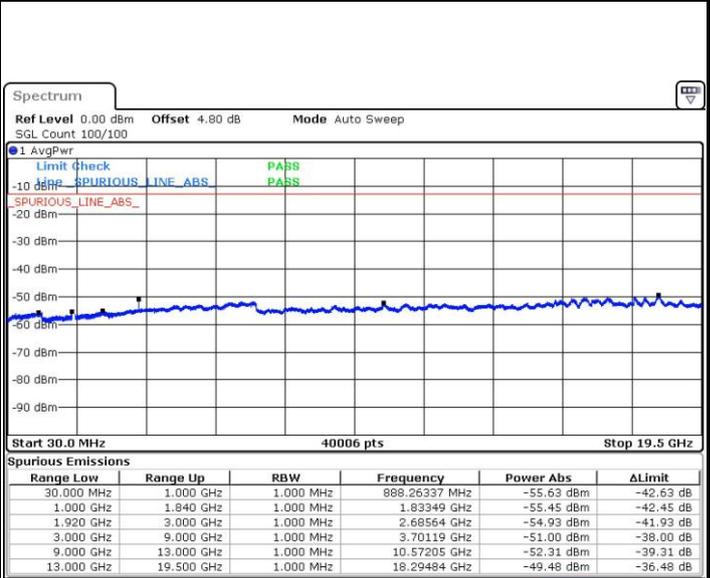
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 19 JAN 2016 12:12:53

Lowest Channel / 16QAM



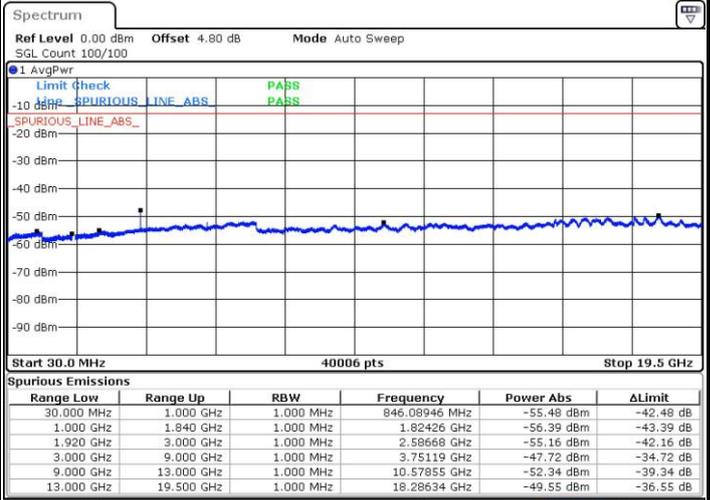
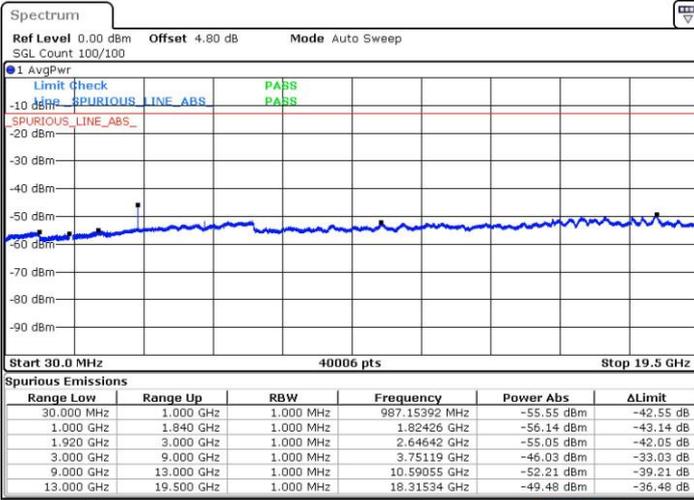
Date: 19 JAN 2016 12:13:47



LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

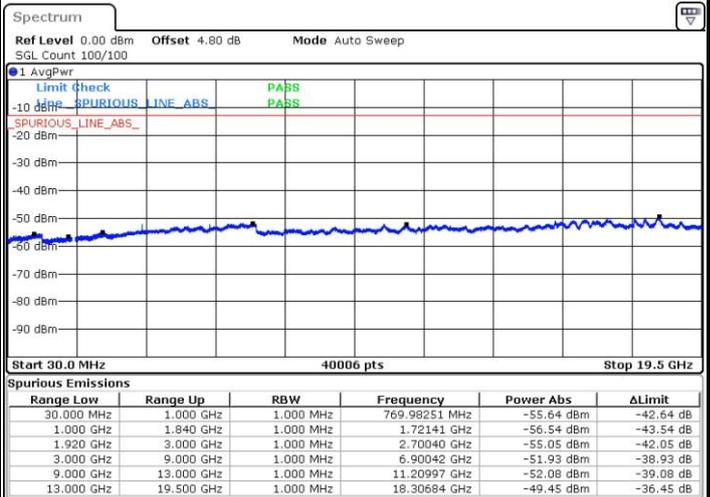
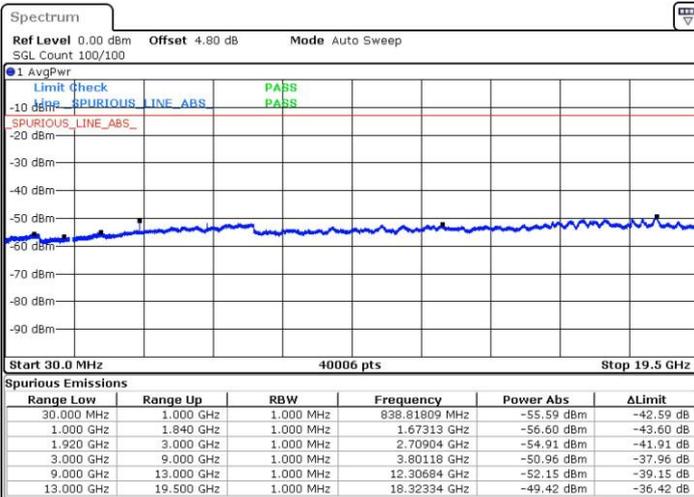


Date: 19 JAN 2016 12:15:24

Date: 19 JAN 2016 12:16:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 19 JAN 2016 12:22:31

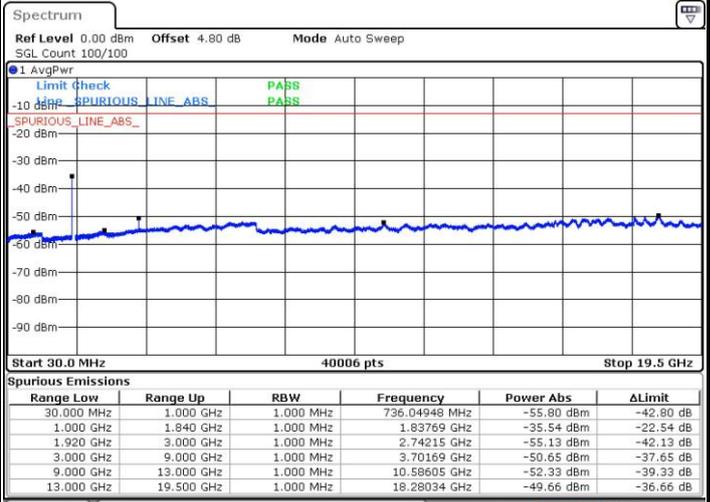
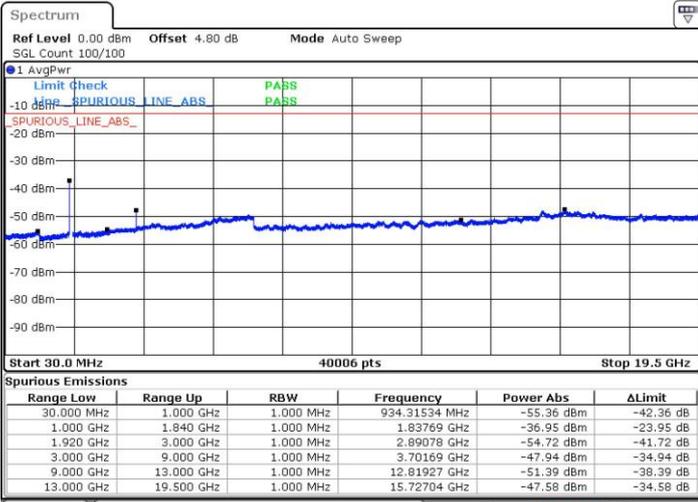
Date: 19 JAN 2016 12:23:25



LTE Band 2 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

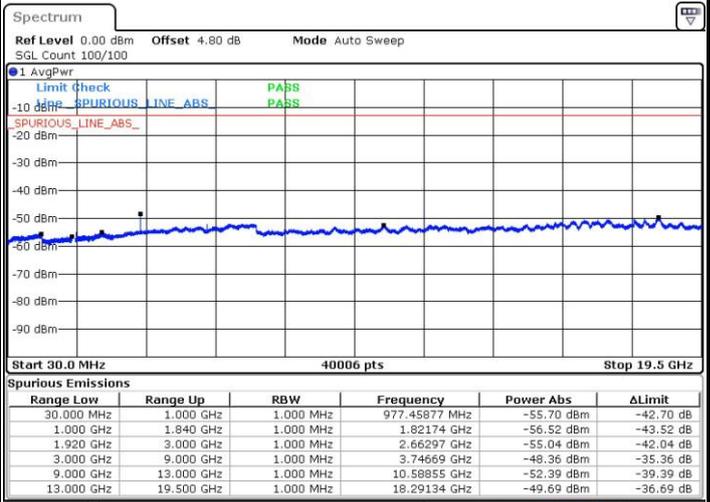
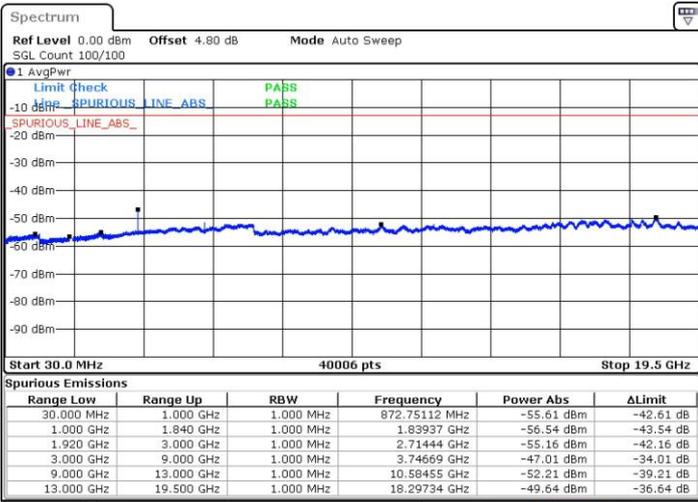


Date: 19 JAN 2016 15:31:51

Date: 19 JAN 2016 13:49:53

Middle Channel / QPSK

Middle Channel / 16QAM



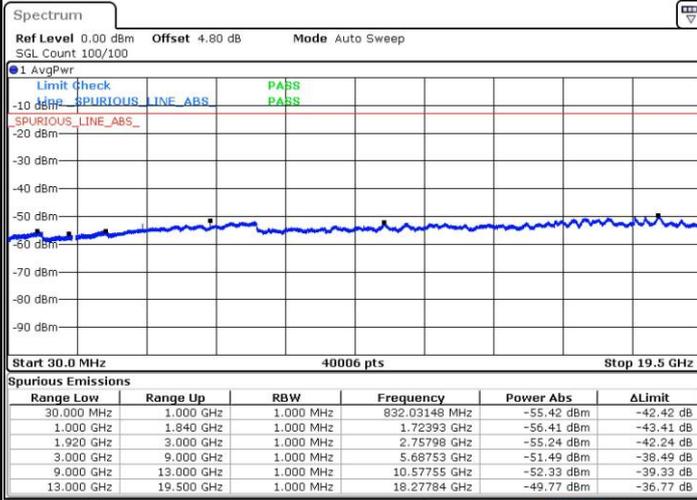
Date: 19 JAN 2016 13:51:30

Date: 19 JAN 2016 13:52:24



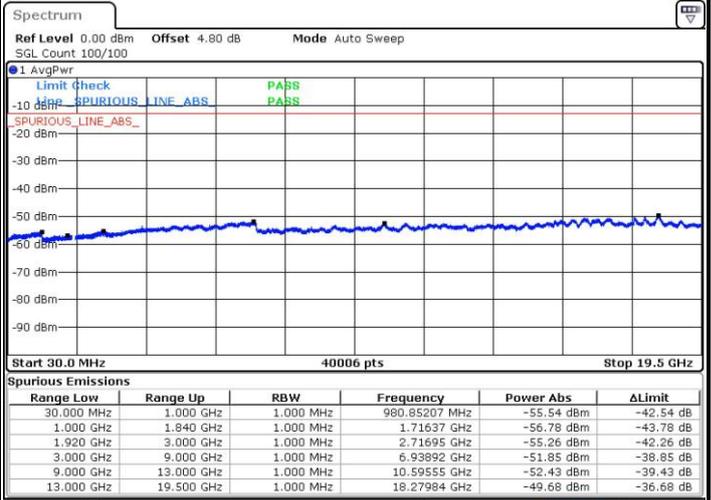
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 19 JAN 2016 13:58:36

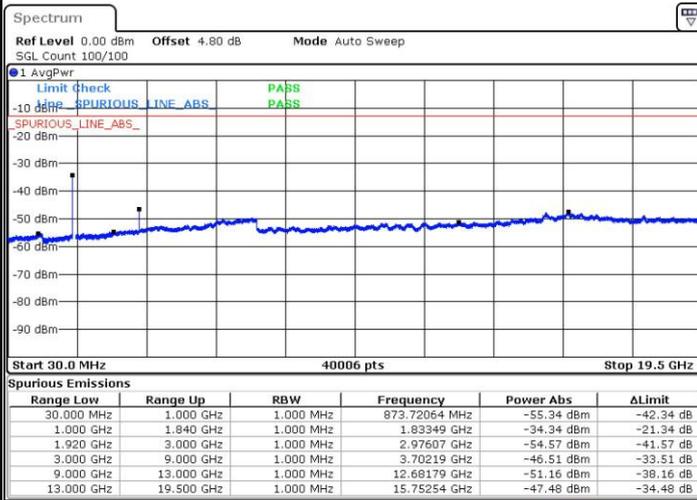
Highest Channel / 16QAM



Date: 19 JAN 2016 13:59:30

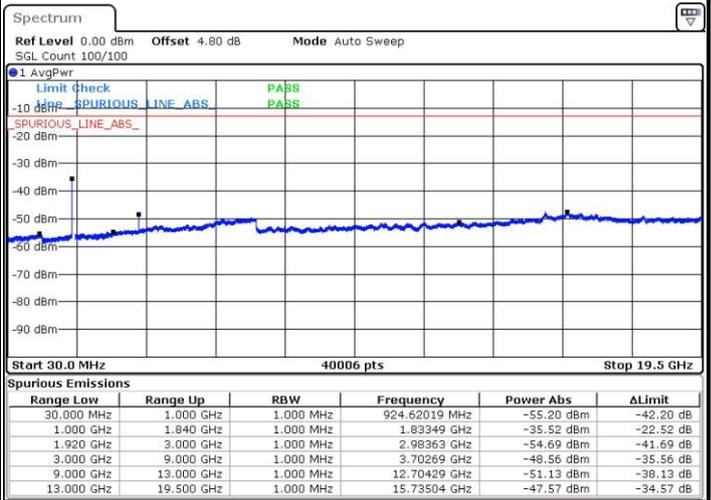
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 19 JAN 2016 14:27:12

Lowest Channel / 16QAM

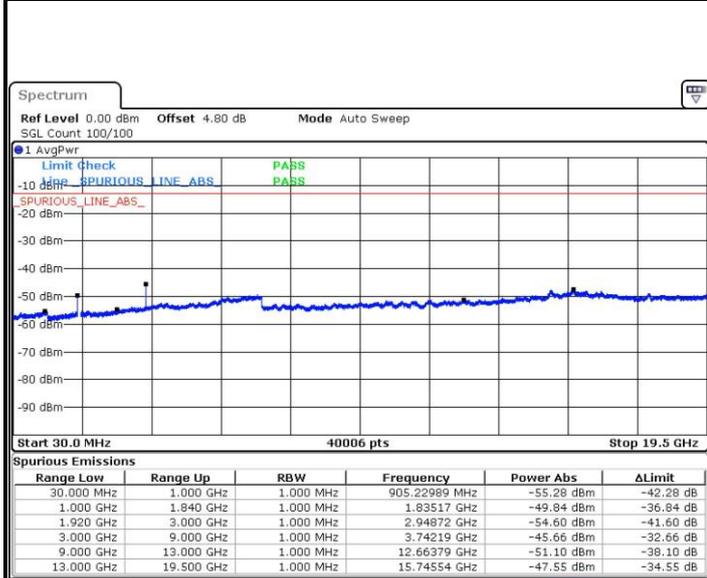


Date: 19 JAN 2016 14:28:07



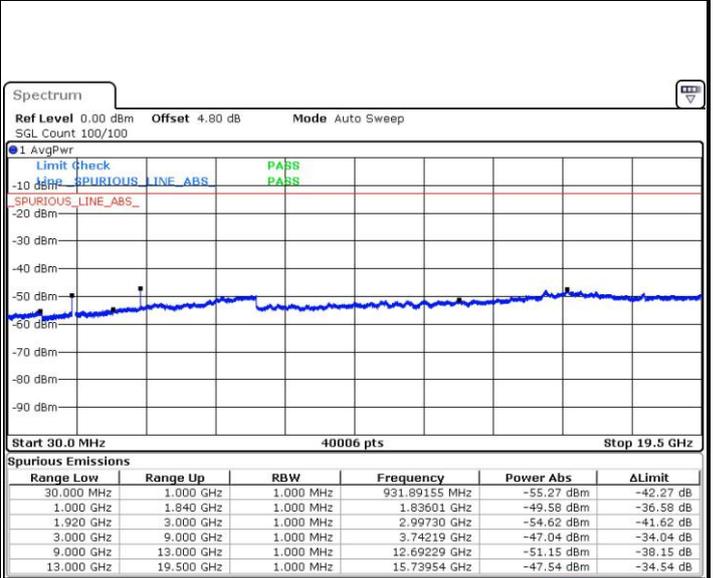
LTE Band 2 / 20MHz

Middle Channel / QPSK



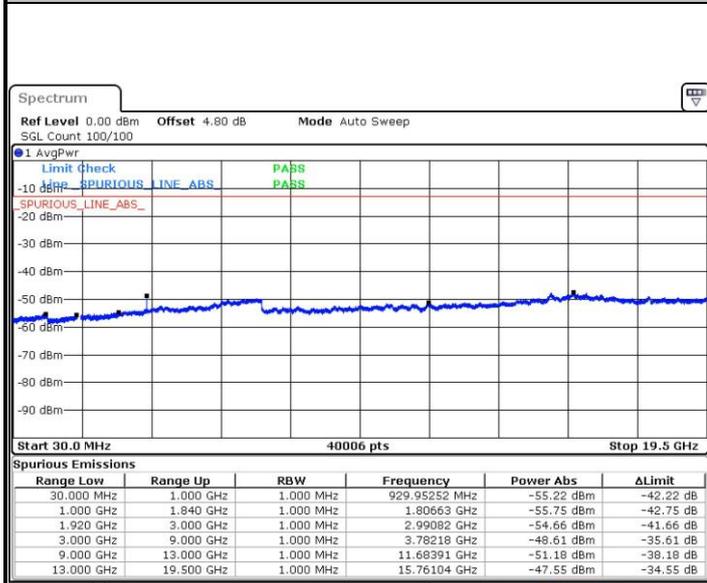
Date: 19 JAN 2016 14:29:46

Middle Channel / 16QAM



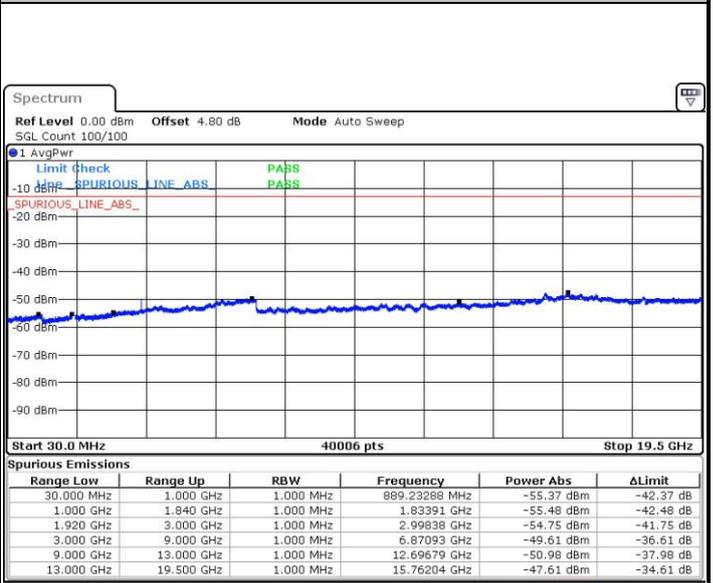
Date: 19 JAN 2016 14:30:41

Highest Channel / QPSK



Date: 19 JAN 2016 14:36:52

Highest Channel / 16QAM



Date: 19 JAN 2016 14:37:48



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0045	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0045	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0025	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 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 4

### Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.29	4.72	5.94	5.83	<b>PASS</b>
Middle CH	4.38	5.42	5.3	6.35	
Highest CH	5.71	5.33	7.28	6.26	