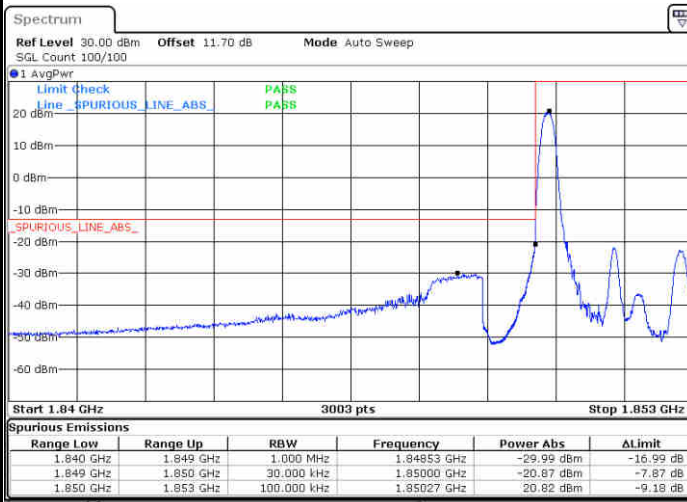




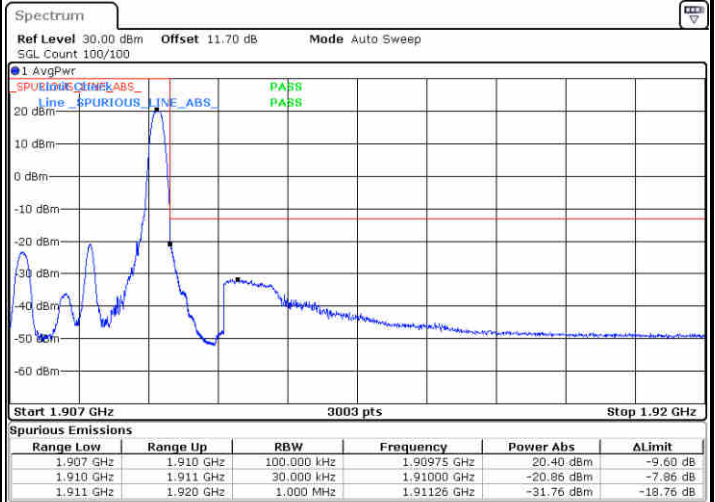
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



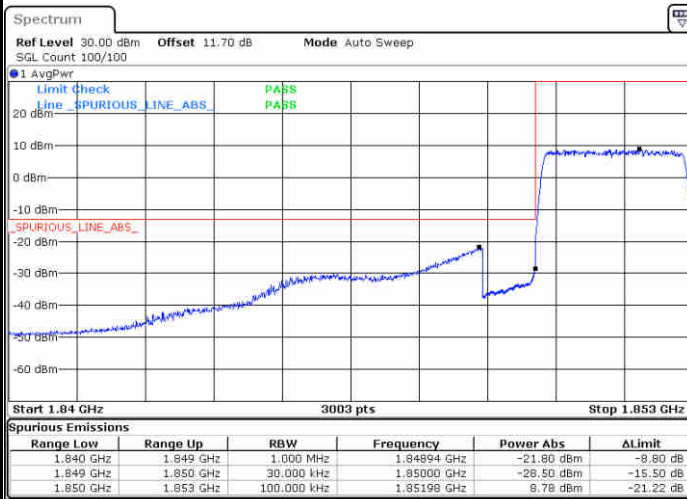
Date: 30.SEP.2017 15:41:57

Highest Band Edge / 1 RB



Date: 30.SEP.2017 15:51:28

Lowest Band Edge / Full RB



Date: 30.SEP.2017 15:44:15

Highest Band Edge / Full RB

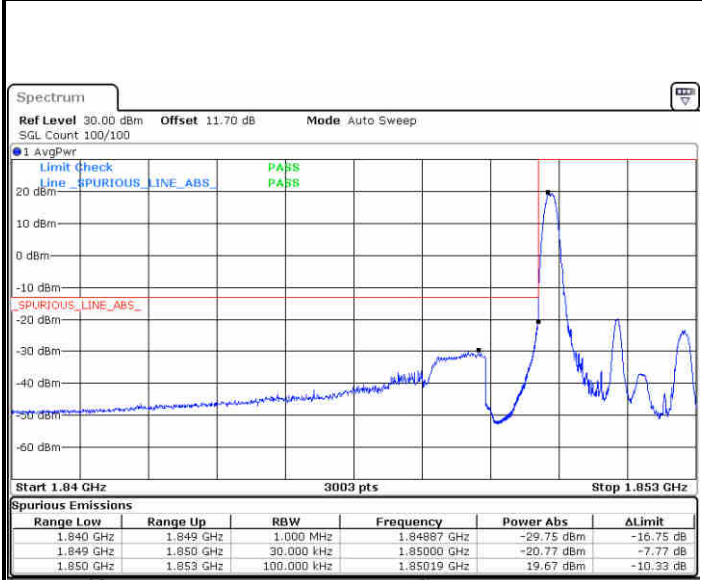


Date: 30.SEP.2017 15:53:46



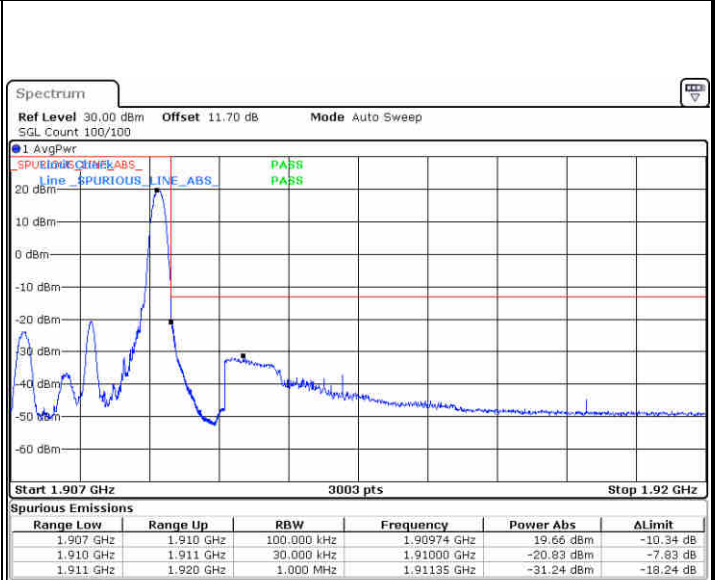
LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



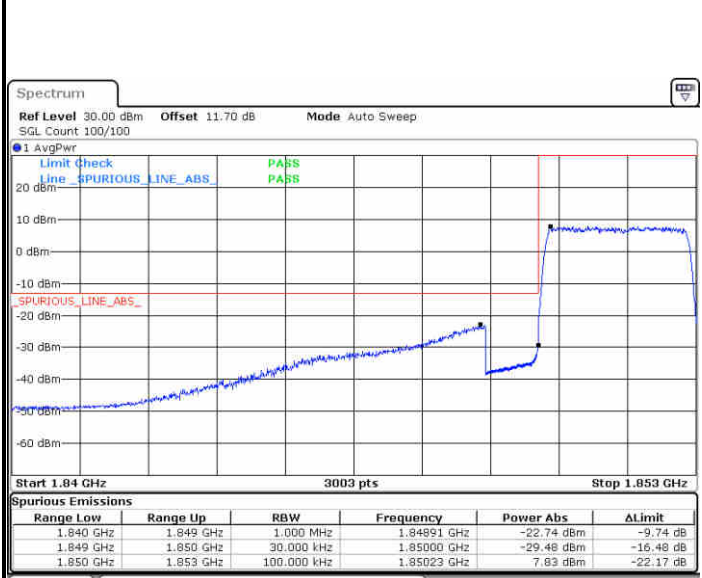
Date: 30.SEP.2017 15:43:06

Highest Band Edge / 1 RB



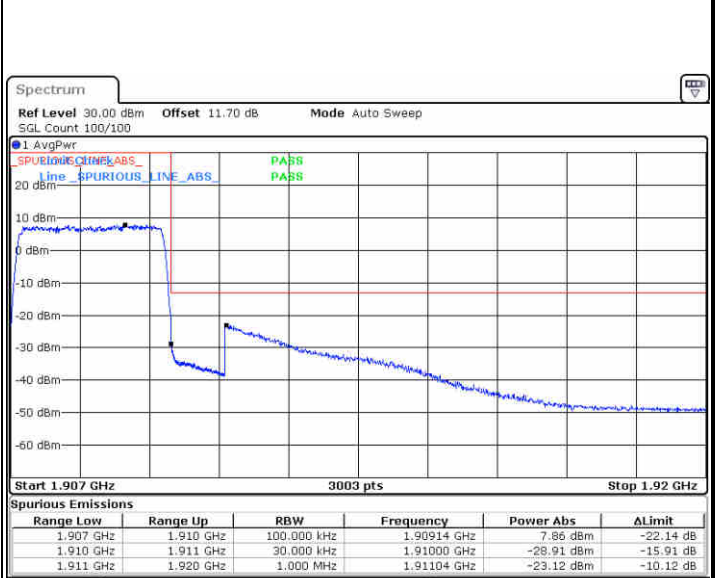
Date: 30.SEP.2017 15:52:37

Lowest Band Edge / Full RB



Date: 30.SEP.2017 15:45:24

Highest Band Edge / Full RB

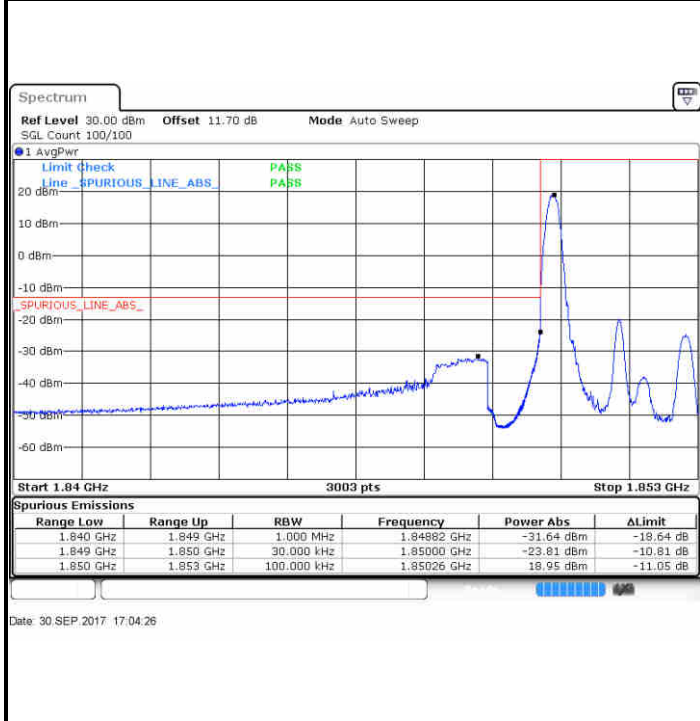


Date: 30.SEP.2017 15:54:55

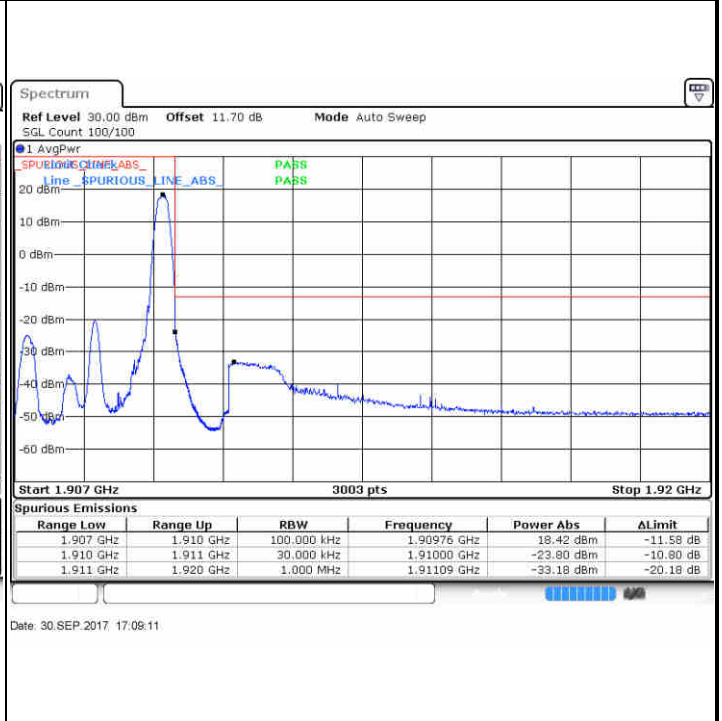


**LTE Band 2 / 3MHz / 64QAM**

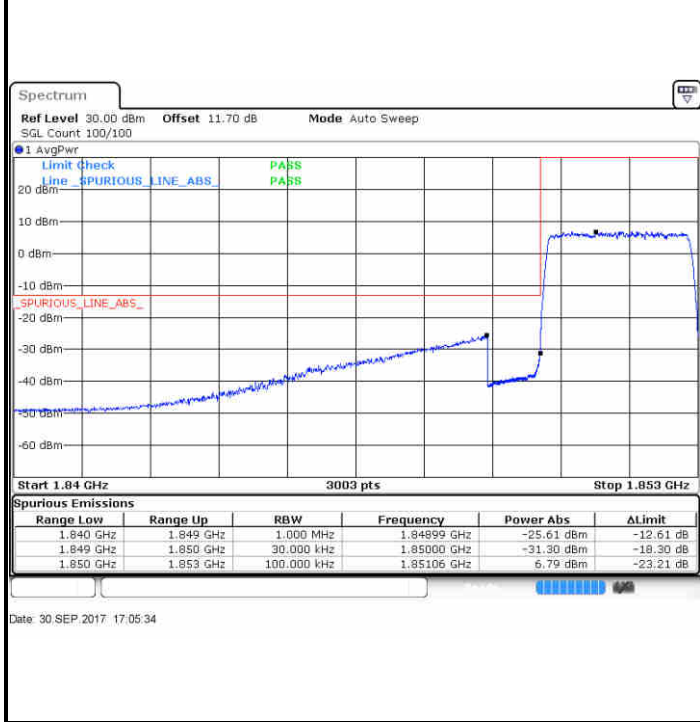
**Lowest Band Edge / 1 RB**



**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**



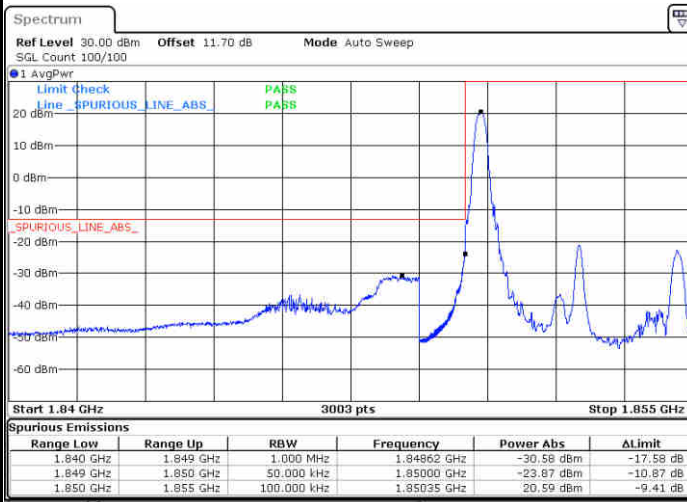
**Highest Band Edge / Full RB**





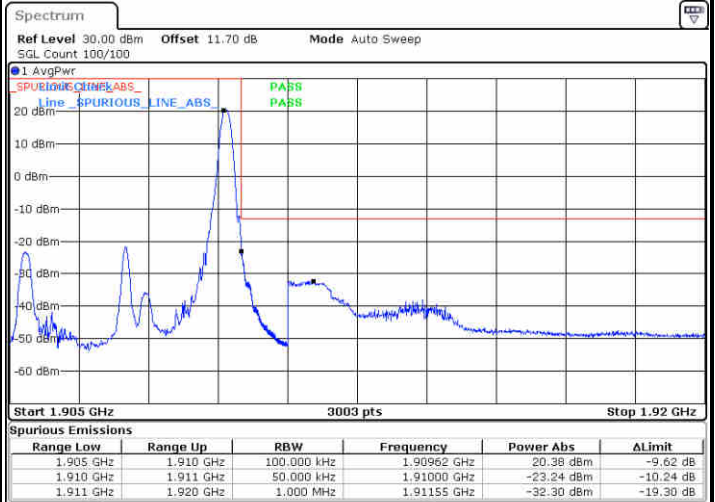
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



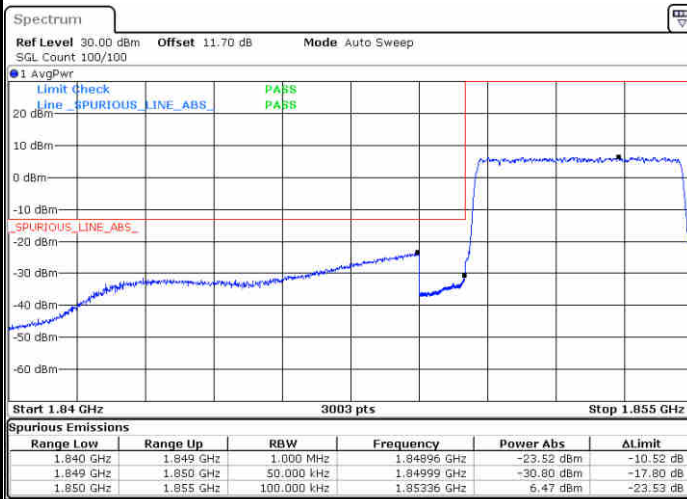
Date: 30.SEP.2017 15:58:31

Highest Band Edge / 1 RB



Date: 30.SEP.2017 16:08:02

Lowest Band Edge / Full RB



Date: 30.SEP.2017 16:00:49

Highest Band Edge / Full RB

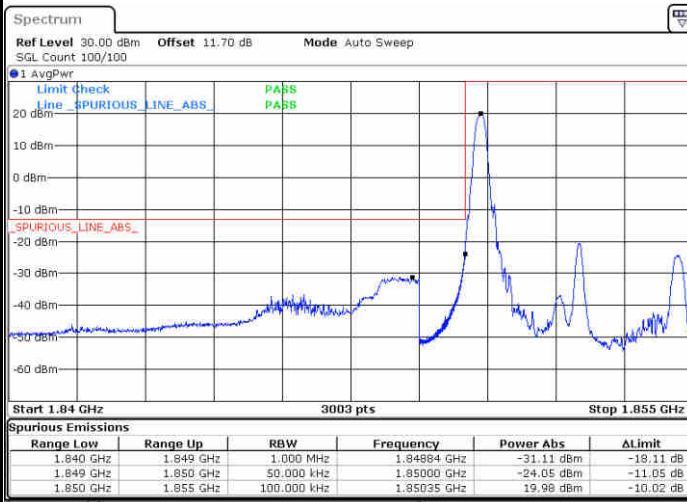


Date: 30.SEP.2017 16:10:20



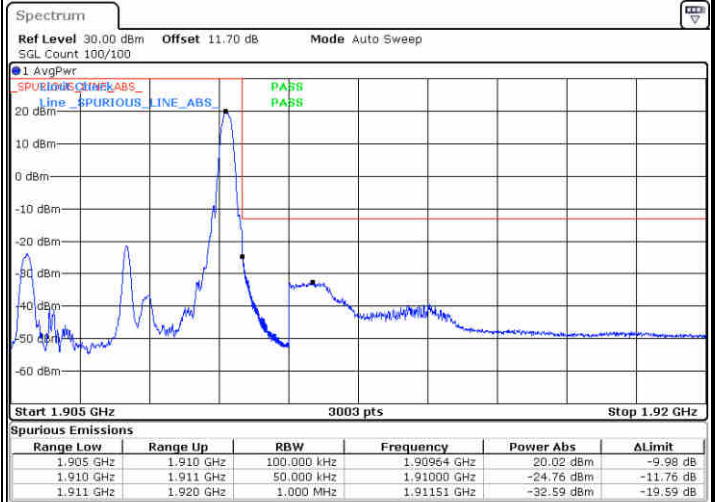
LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



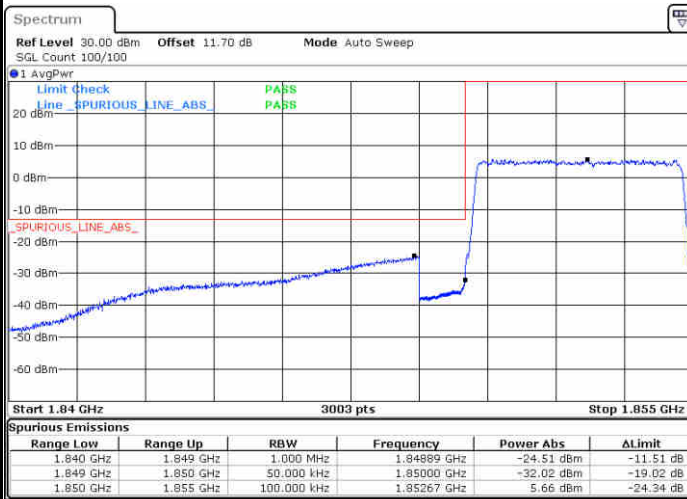
Date: 30.SEP.2017 15:59:40

Highest Band Edge / 1 RB



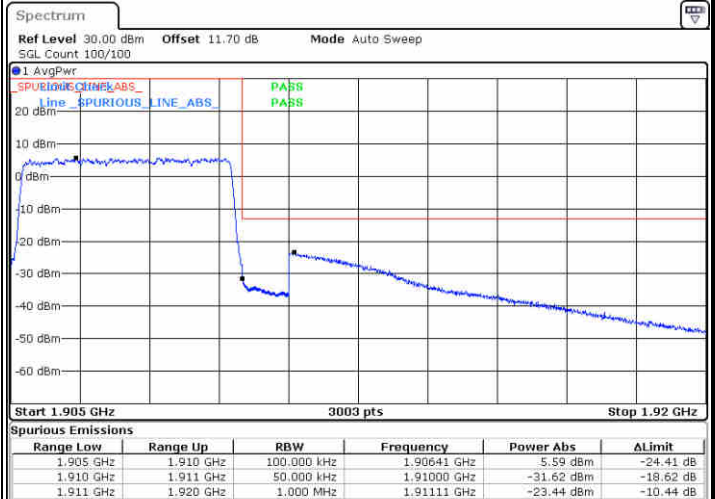
Date: 30.SEP.2017 16:08:11

Lowest Band Edge / Full RB



Date: 30.SEP.2017 16:01:57

Highest Band Edge / Full RB

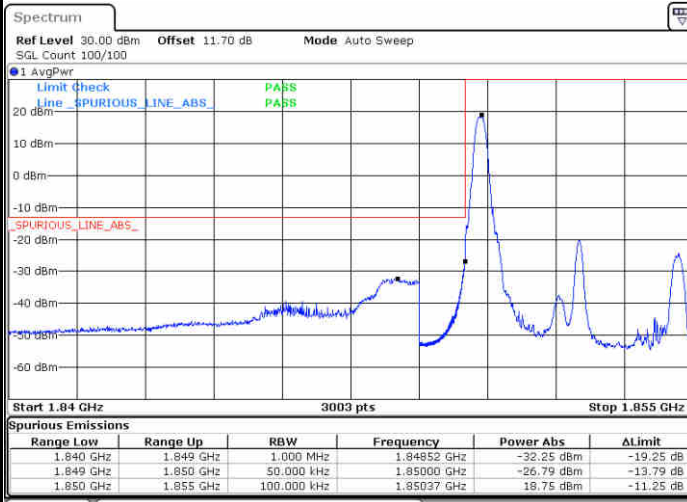


Date: 30.SEP.2017 16:11:28



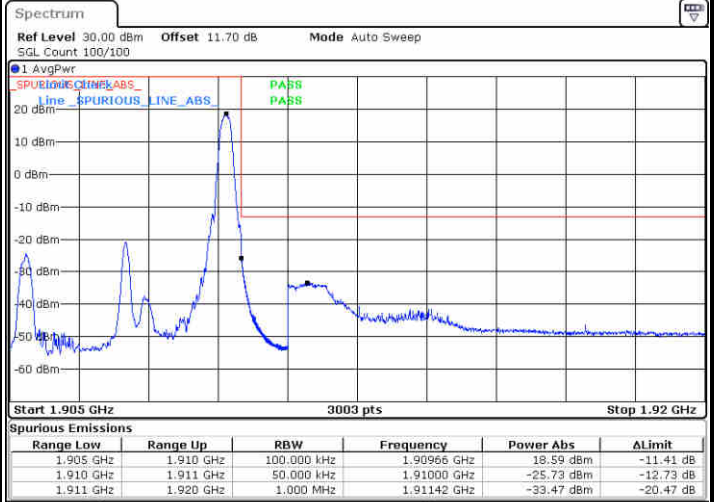
LTE Band 2 / 5MHz / 64QAM

Lowest Band Edge / 1RB



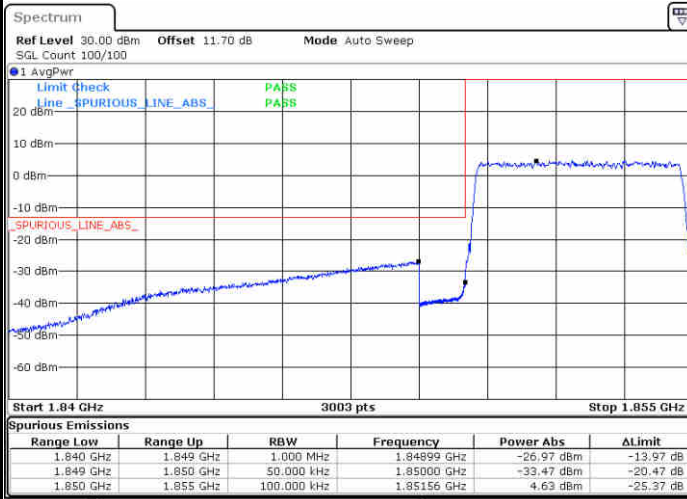
Date: 30.SEP.2017 17:12:43

Highest Band Edge / 1 RB



Date: 30.SEP.2017 17:17:28

Lowest Band Edge / Full RB



Date: 30.SEP.2017 17:13:51

Highest Band Edge / Full RB

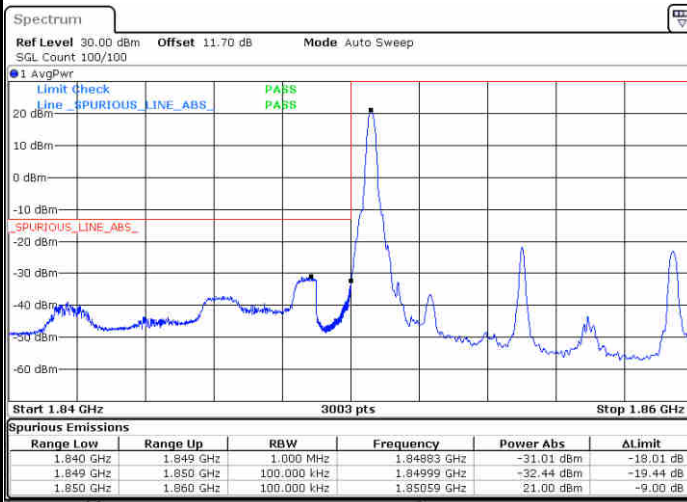


Date: 30.SEP.2017 17:18:37



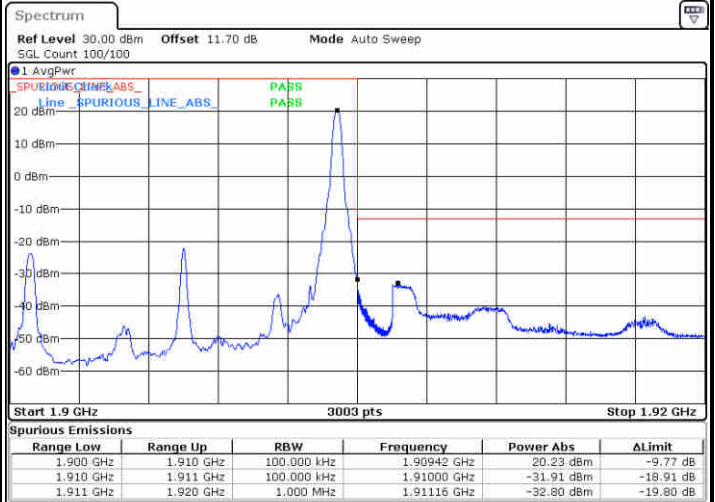
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



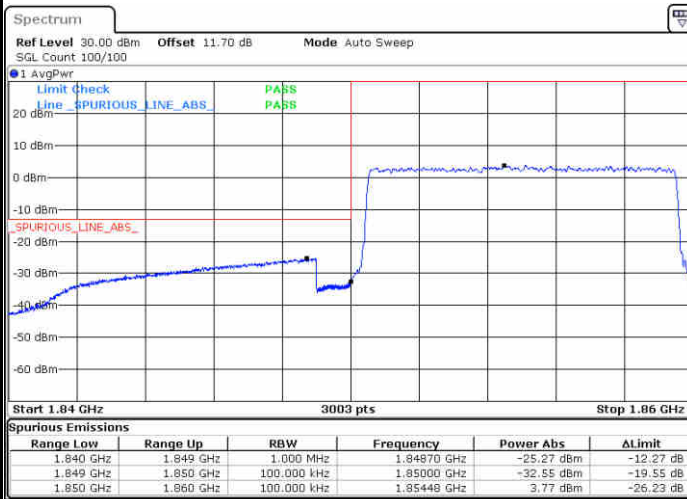
Date: 30.SEP.2017 16:15:05

Highest Band Edge / 1 RB



Date: 30.SEP.2017 16:24:36

Lowest Band Edge / Full RB



Date: 30.SEP.2017 16:17:23

Highest Band Edge / Full RB

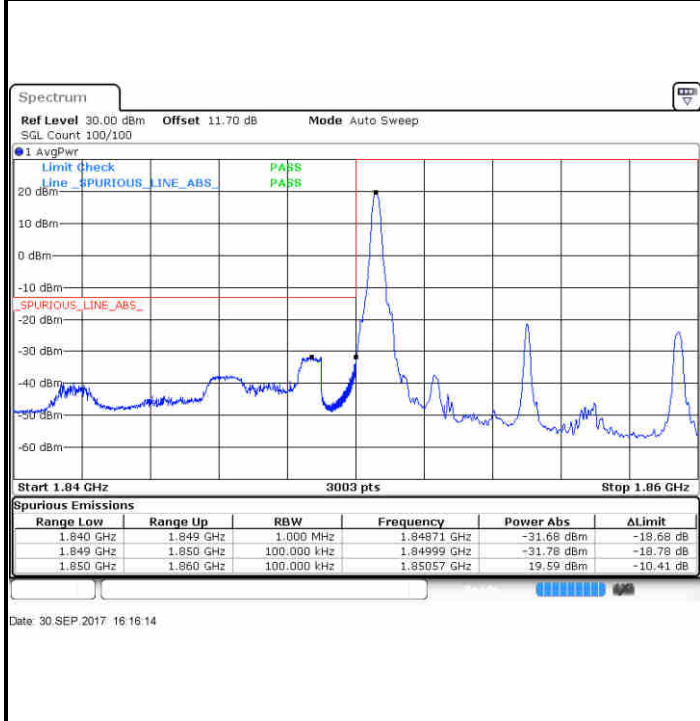


Date: 30.SEP.2017 16:26:53

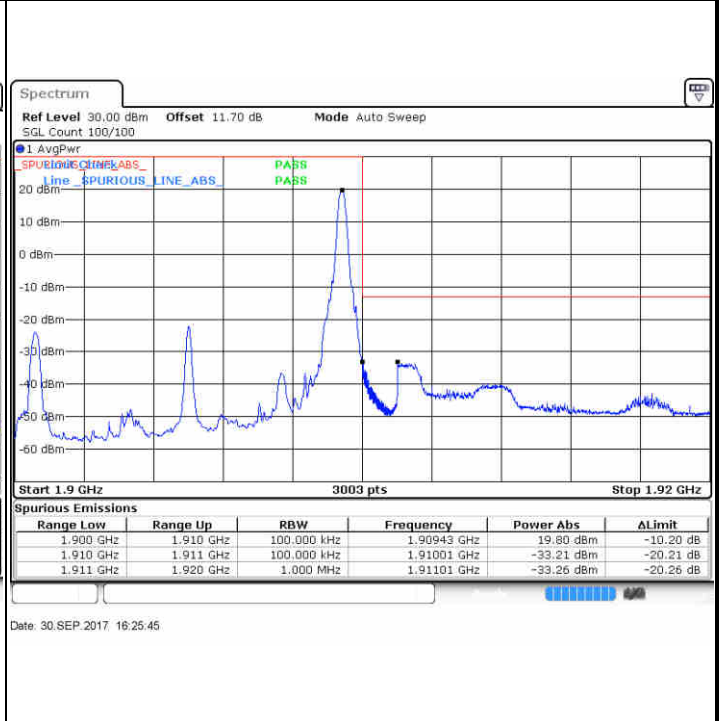


**LTE Band 2 / 10MHz / 16QAM**

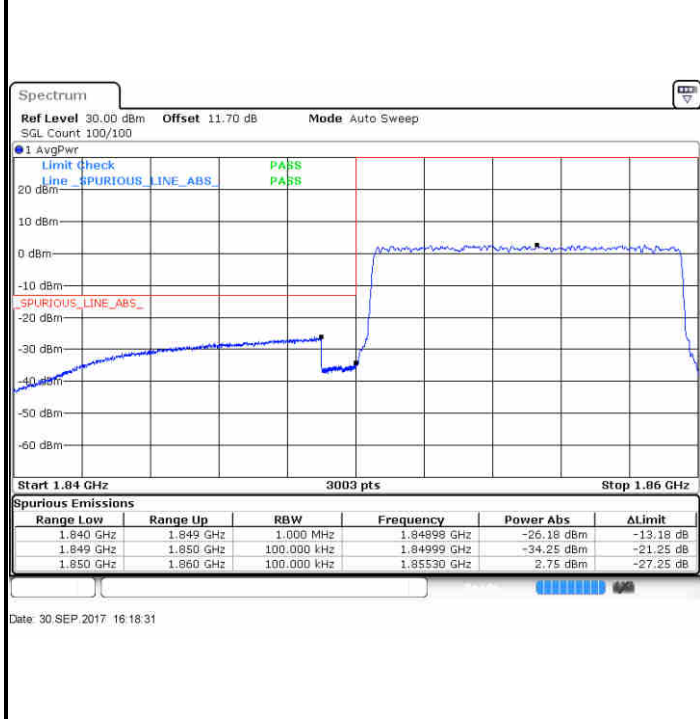
**Lowest Band Edge / 1 RB**



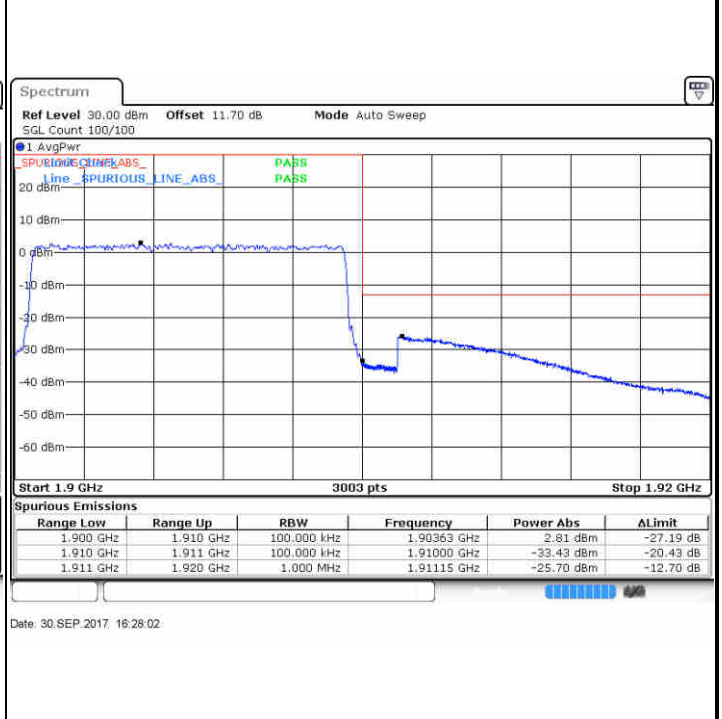
**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**



**Highest Band Edge / Full RB**

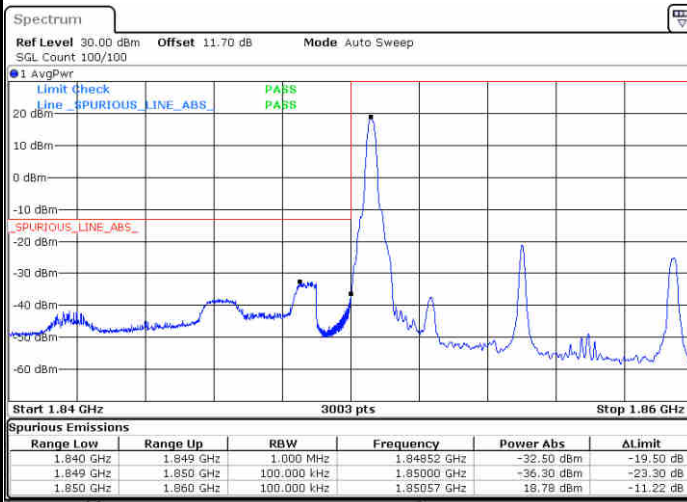






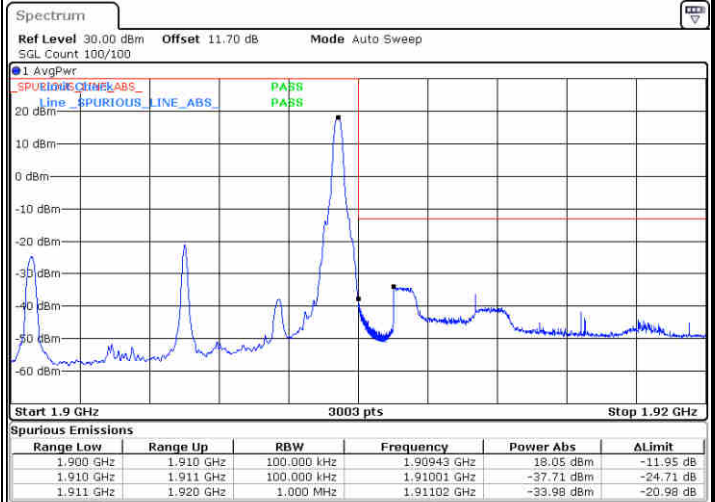
LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



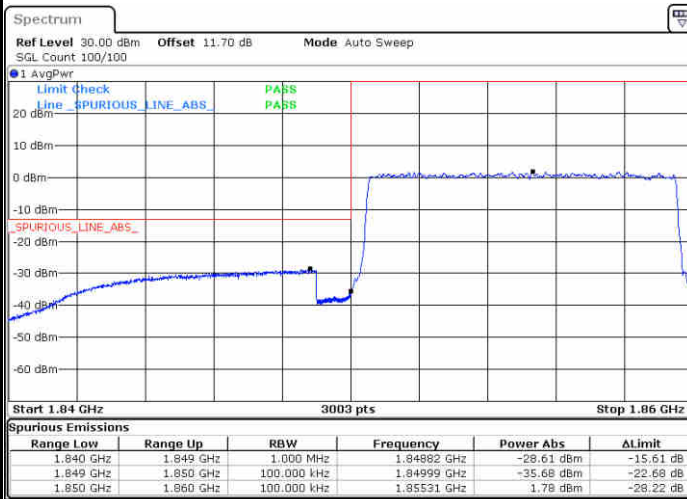
Date: 30.SEP.2017 17:21:00

Highest Band Edge / 1 RB



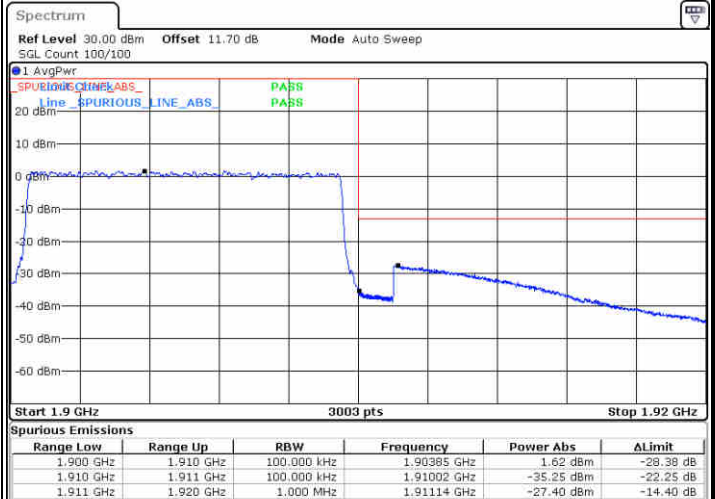
Date: 30.SEP.2017 17:25:45

Lowest Band Edge / Full RB



Date: 30.SEP.2017 17:22:08

Highest Band Edge / Full RB

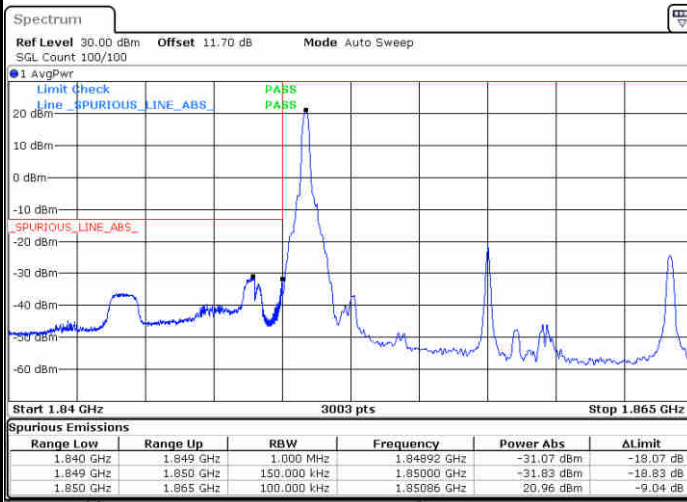


Date: 30.SEP.2017 17:26:54



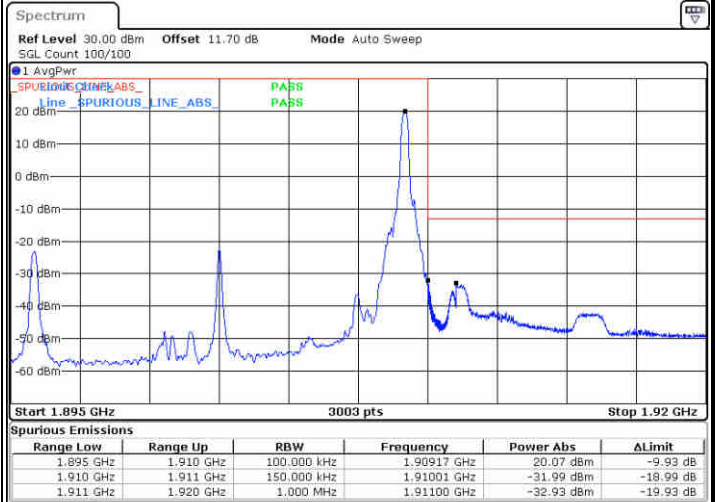
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



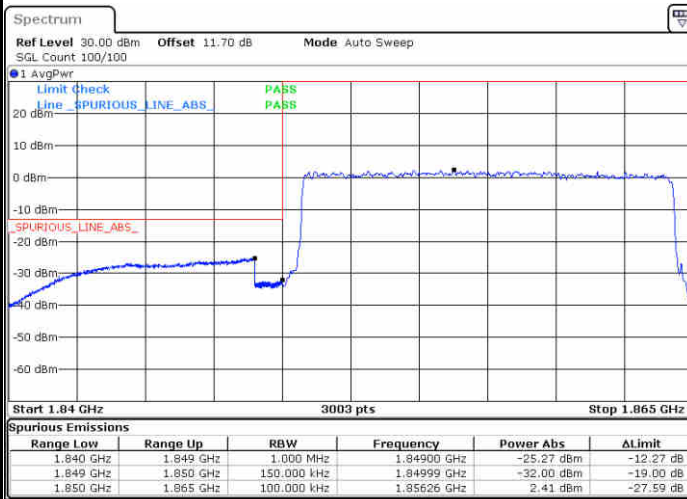
Date: 30.SEP.2017 16:31:39

Highest Band Edge / 1 RB



Date: 30.SEP.2017 16:41:10

Lowest Band Edge / Full RB



Date: 30.SEP.2017 16:33:56

Highest Band Edge / Full RB

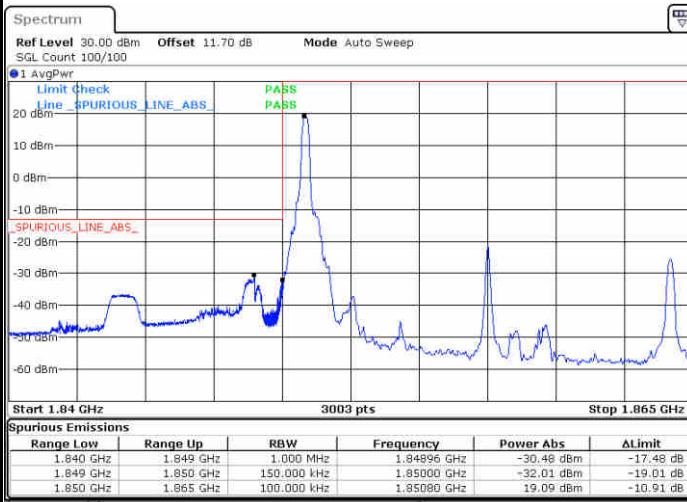


Date: 30.SEP.2017 16:43:27



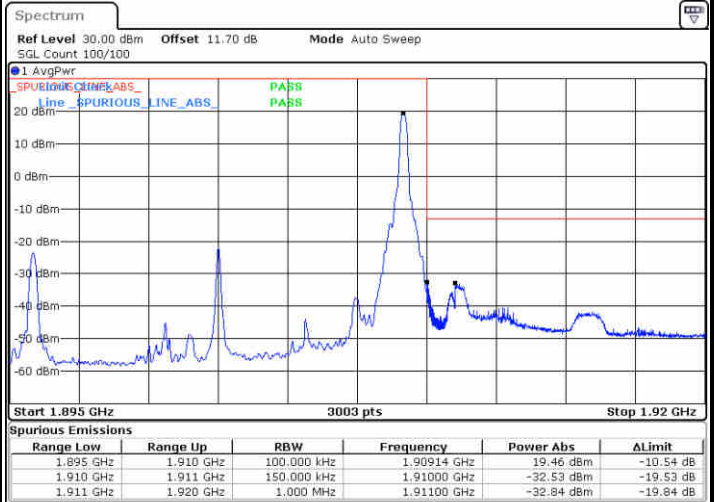
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



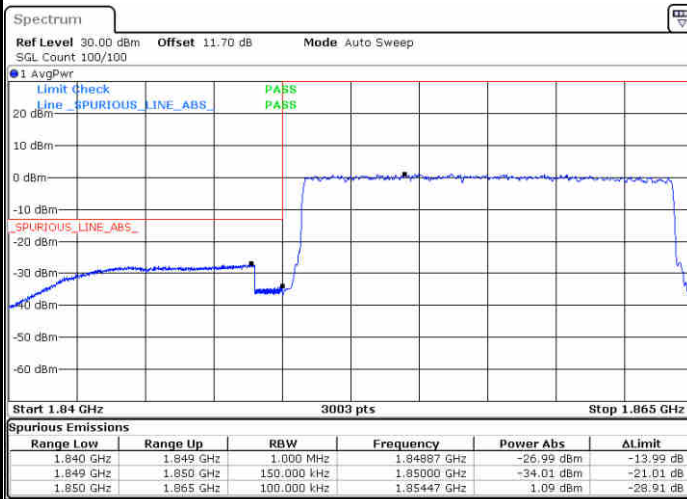
Date: 30.SEP.2017 16:32:48

Highest Band Edge / 1 RB



Date: 30.SEP.2017 16:42:18

Lowest Band Edge / Full RB



Date: 30.SEP.2017 16:35:05

Highest Band Edge / Full RB

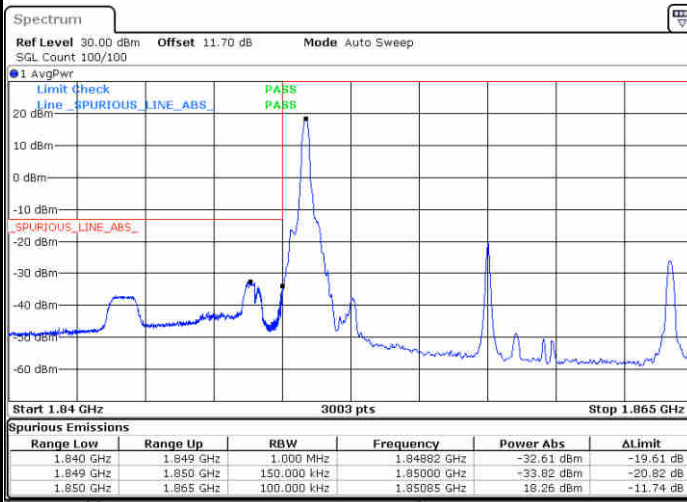


Date: 30.SEP.2017 16:44:36



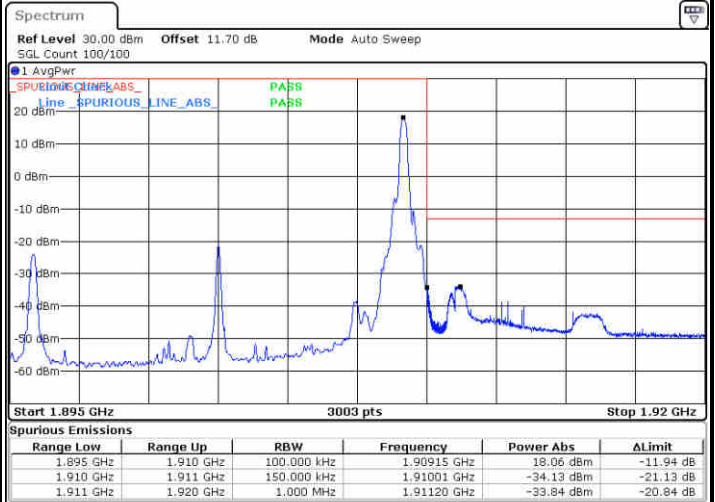
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



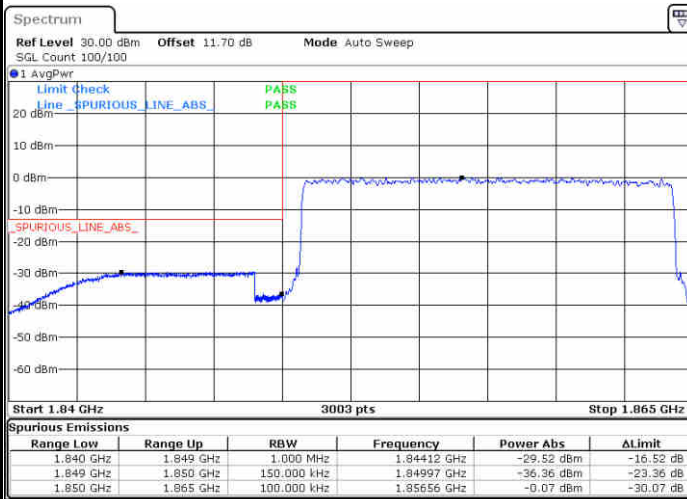
Date: 30.SEP.2017 17:29:16

Highest Band Edge / 1 RB



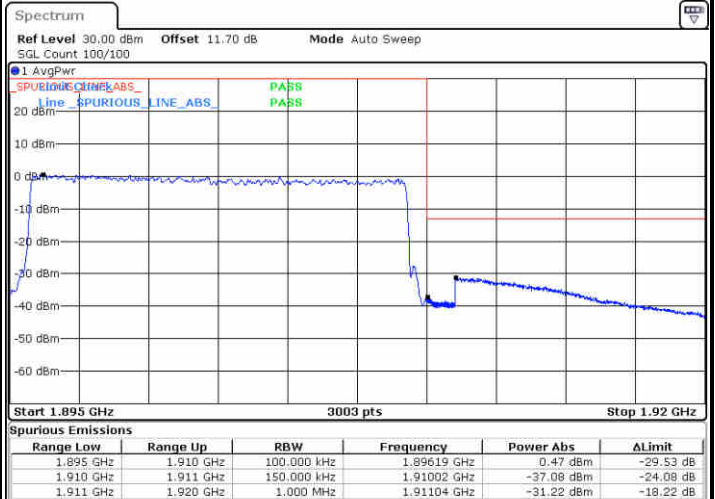
Date: 30.SEP.2017 17:34:02

Lowest Band Edge / Full RB



Date: 30.SEP.2017 17:30:25

Highest Band Edge / Full RB

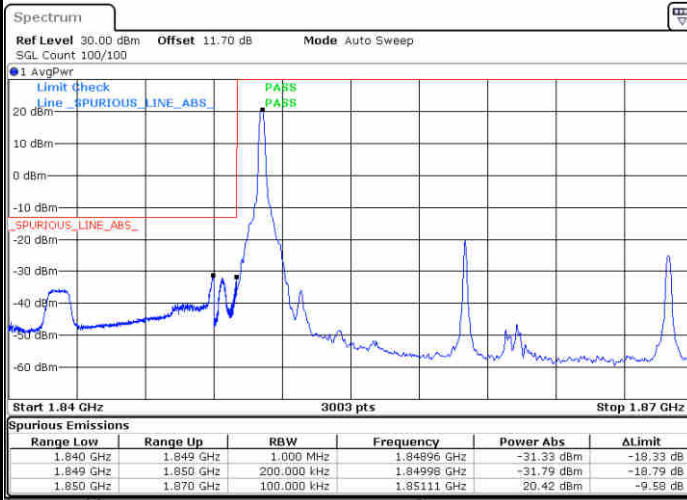


Date: 30.SEP.2017 17:35:10



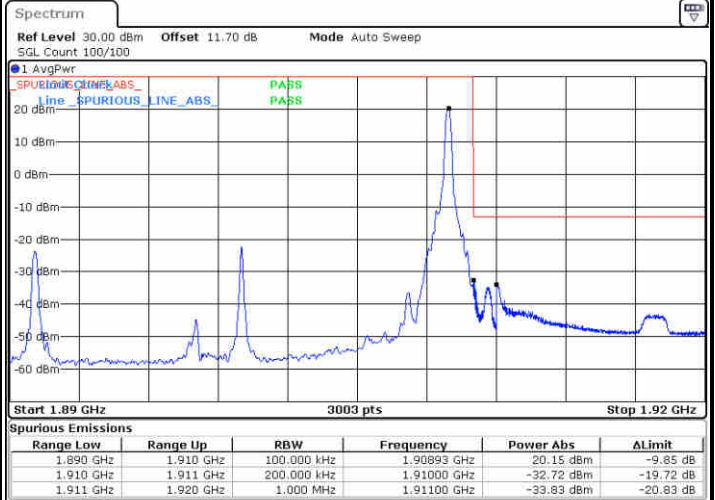
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



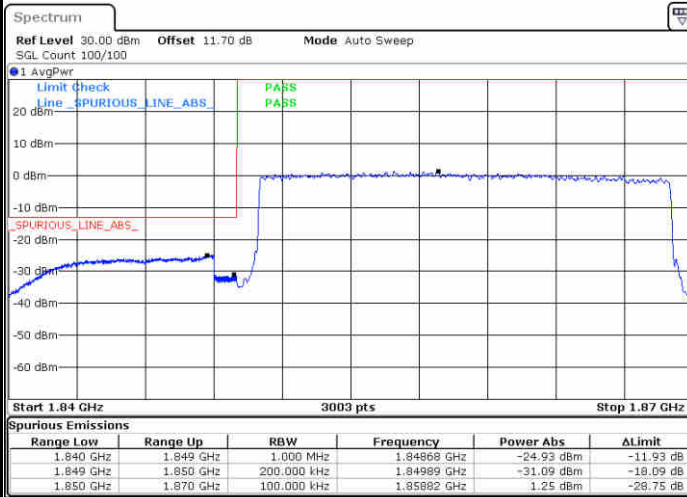
Date: 30.SEP.2017 16:48:12

Highest Band Edge / 1 RB



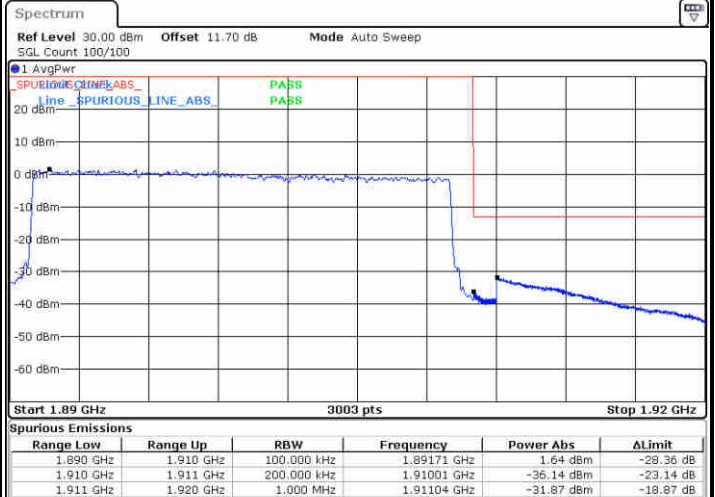
Date: 30.SEP.2017 16:57:43

Lowest Band Edge / Full RB



Date: 30.SEP.2017 16:50:30

Highest Band Edge / Full RB

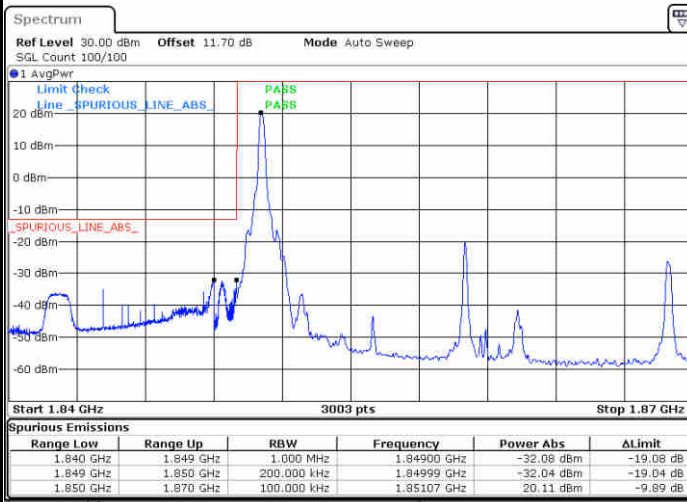


Date: 30.SEP.2017 17:00:00



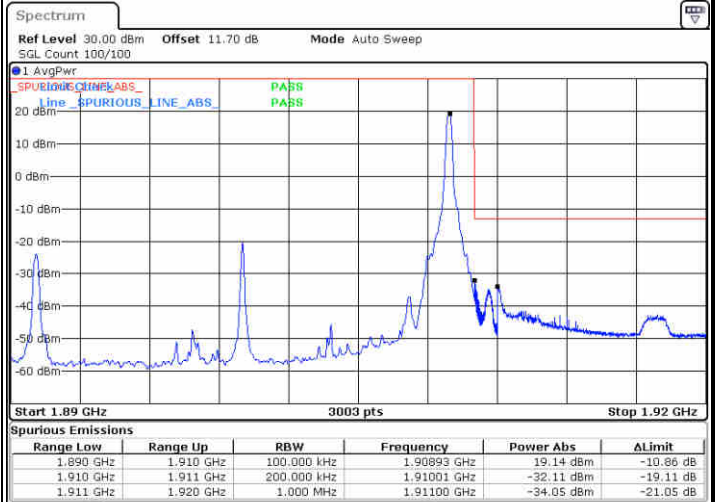
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



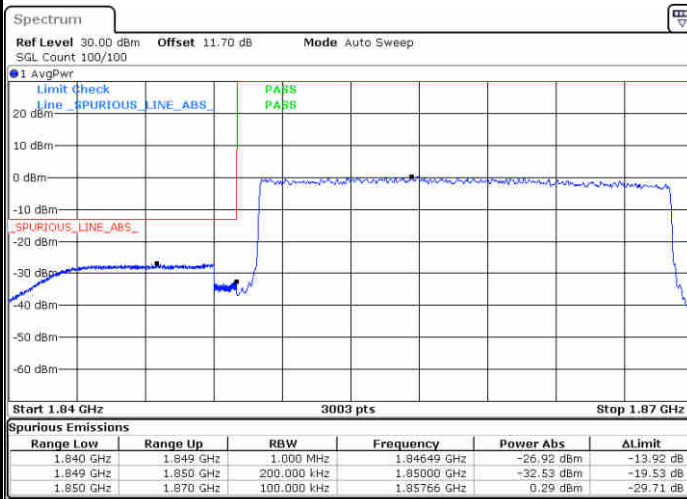
Date: 30.SEP.2017 16:49:21

Highest Band Edge / 1 RB



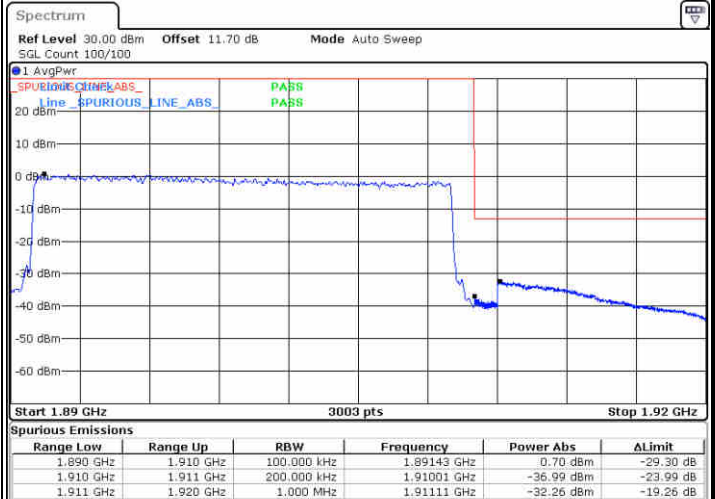
Date: 30.SEP.2017 16:58:52

Lowest Band Edge / Full RB



Date: 30.SEP.2017 16:51:38

Highest Band Edge / Full RB

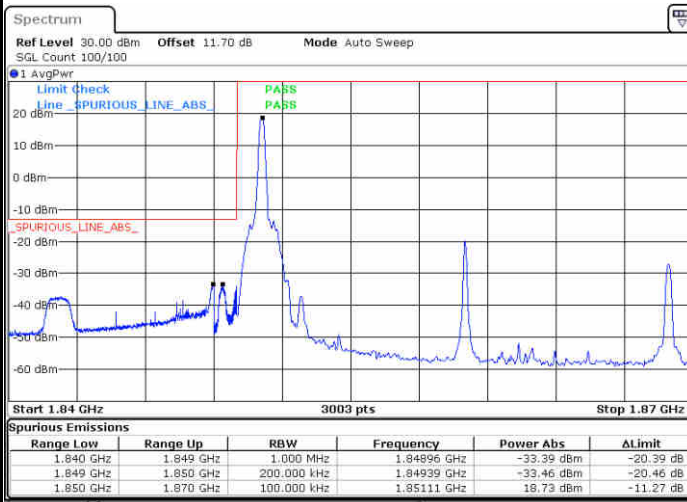


Date: 30.SEP.2017 17:01:09



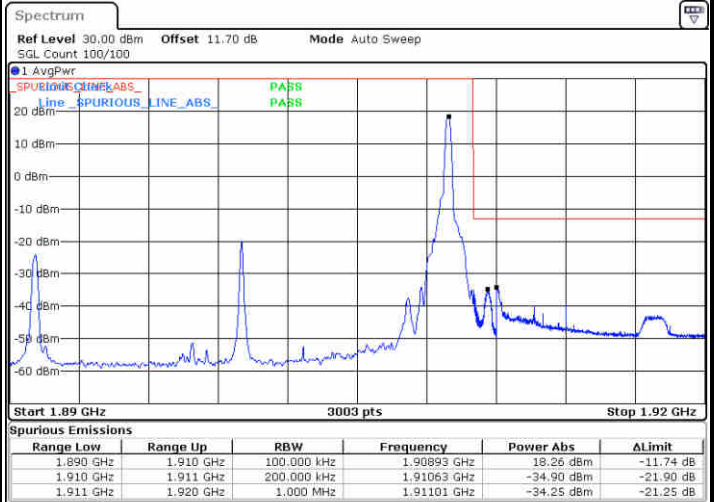
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



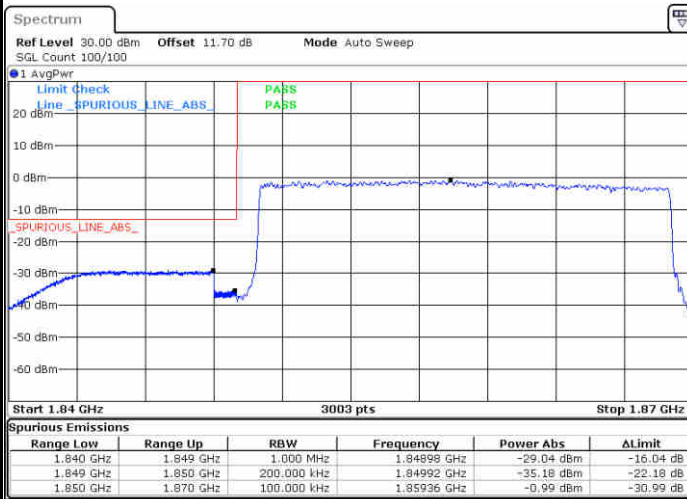
Date: 30.SEP.2017 17:37:33

Highest Band Edge / 1 RB



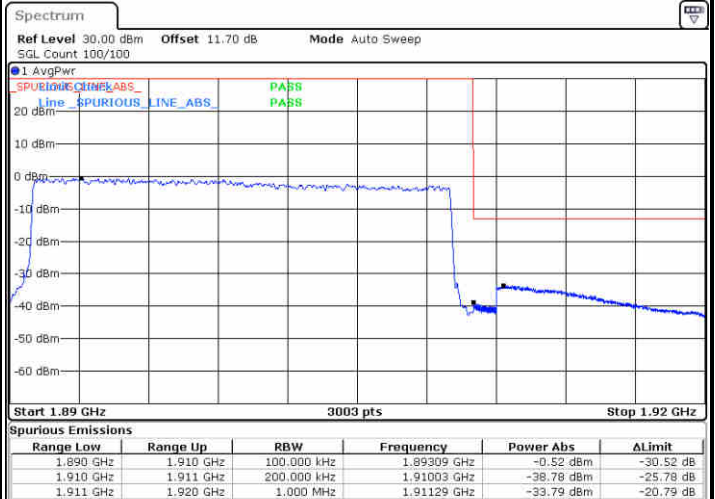
Date: 30.SEP.2017 18:15:40

Lowest Band Edge / Full RB



Date: 30.SEP.2017 17:38:42

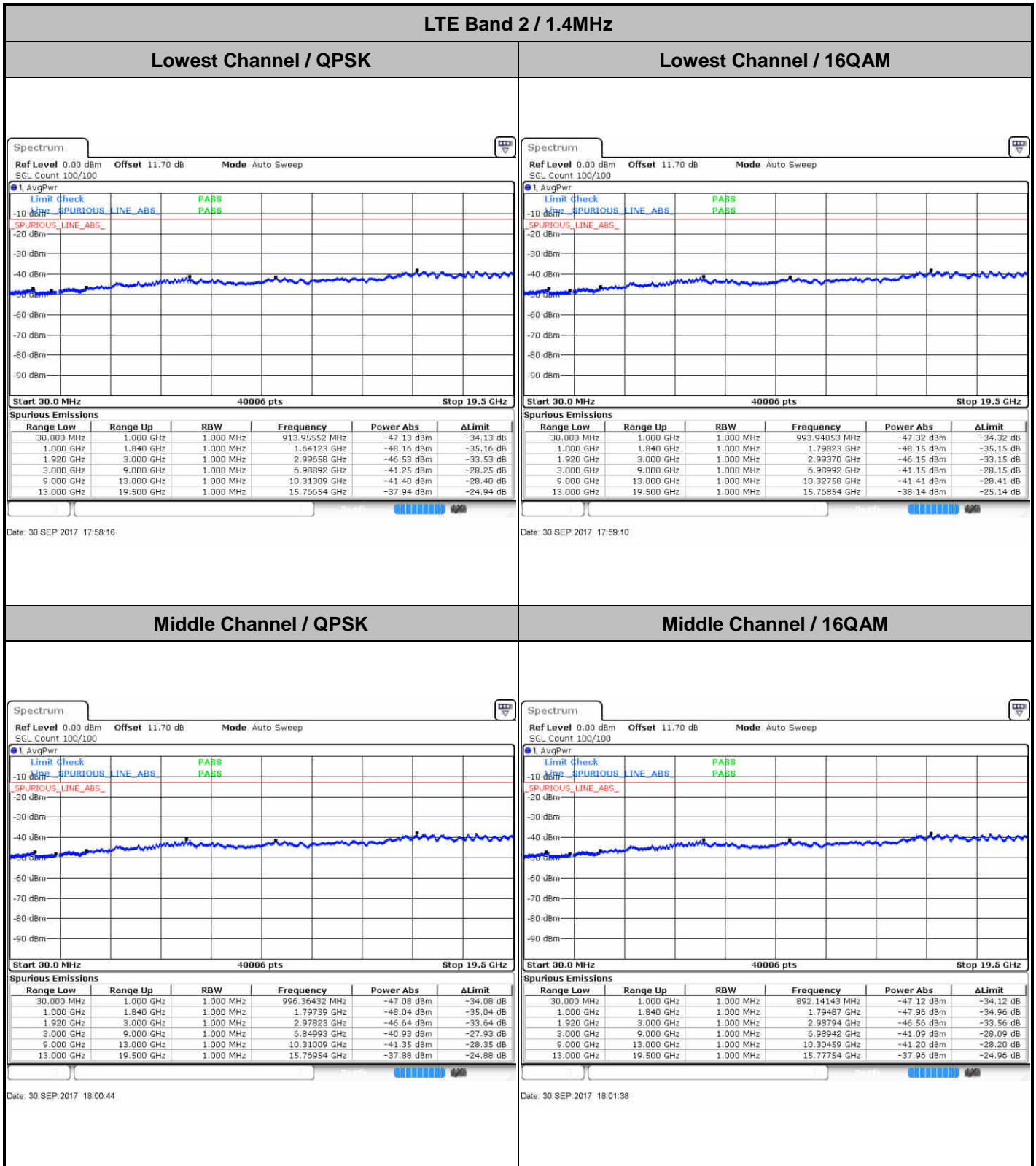
Highest Band Edge / Full RB



Date: 30.SEP.2017 18:16:53



# Conducted Spurious Emission



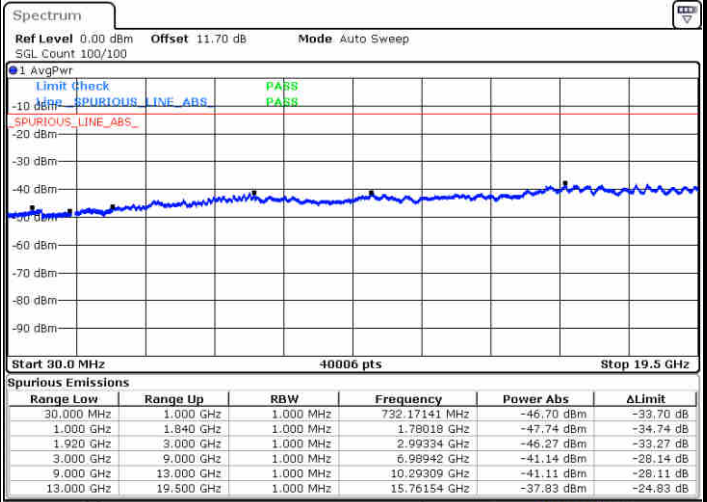
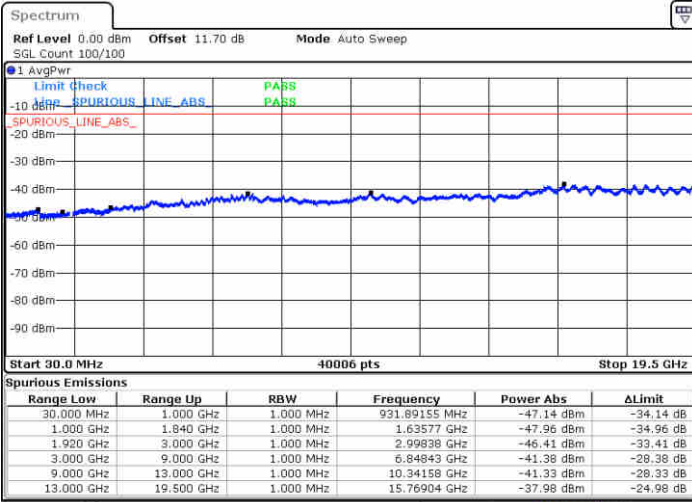




LTE Band 2 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



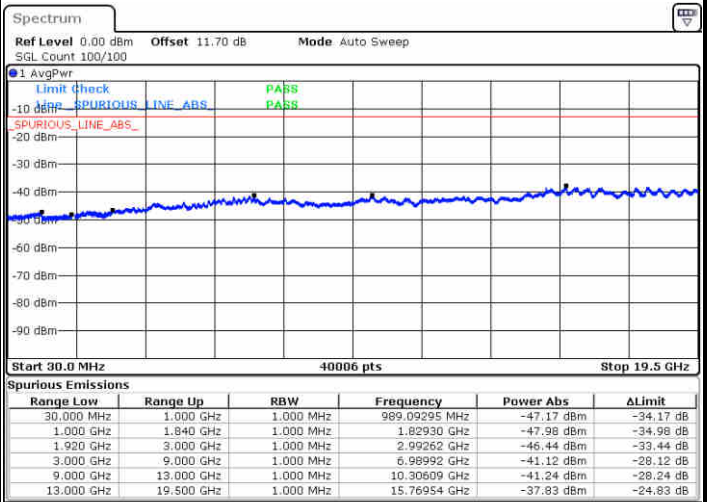
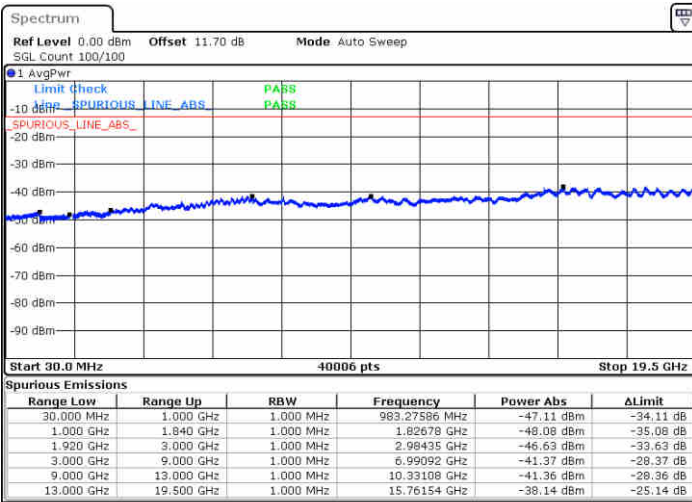
Date: 30 SEP.2017 18:07:47

Date: 30 SEP.2017 18:08:41

LTE Band 2 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 30 SEP.2017 15:46:18

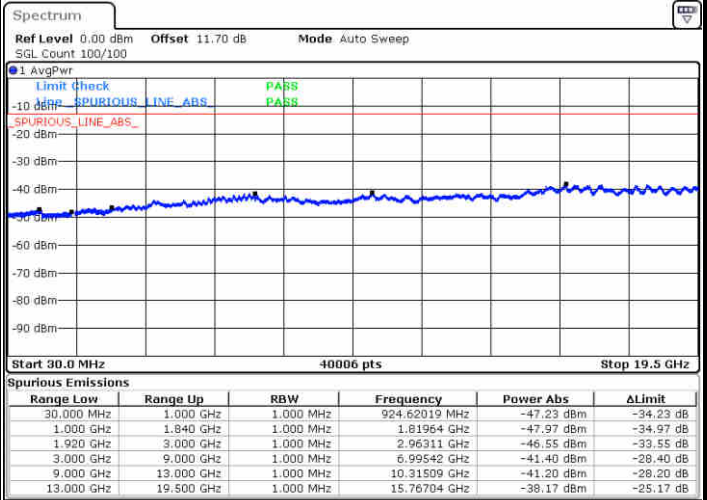
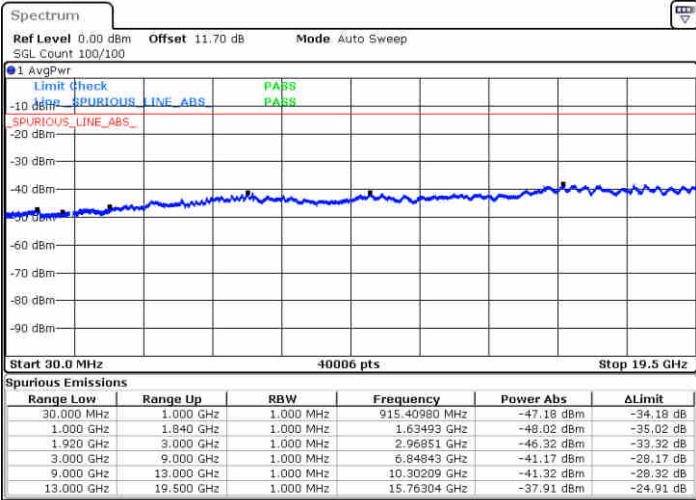
Date: 30 SEP.2017 15:47:12



LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

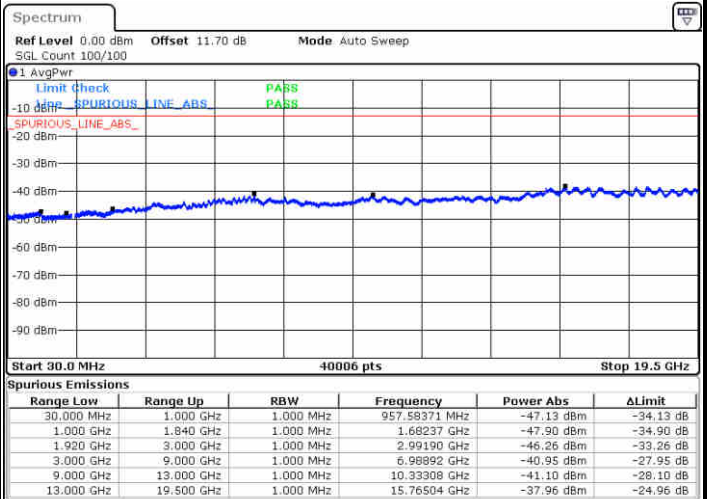
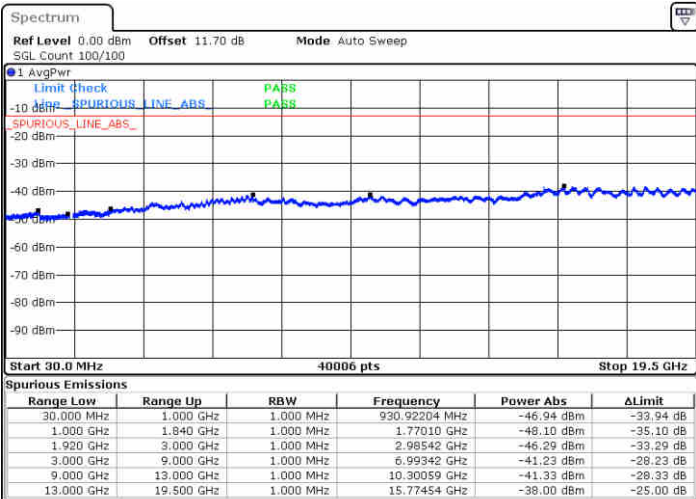


Date: 30 SEP.2017 15:48:46

Date: 30 SEP.2017 15:49:40

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 30 SEP.2017 15:55:49

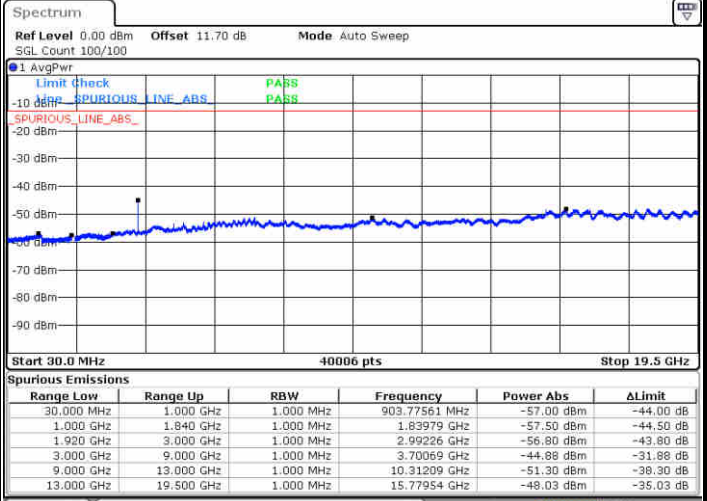
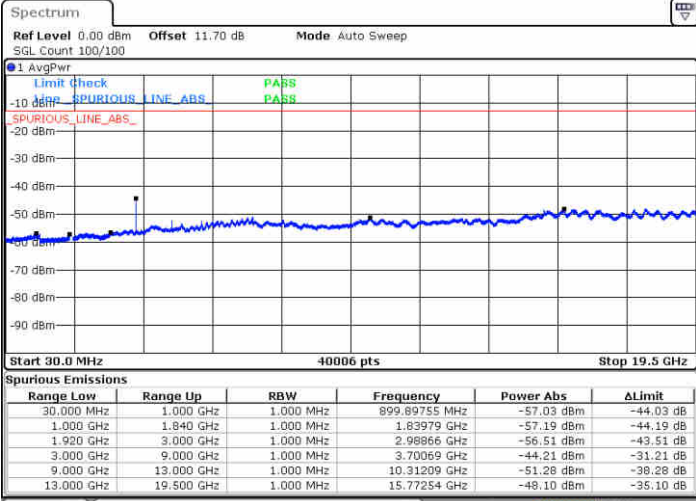
Date: 30 SEP.2017 15:56:43



LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

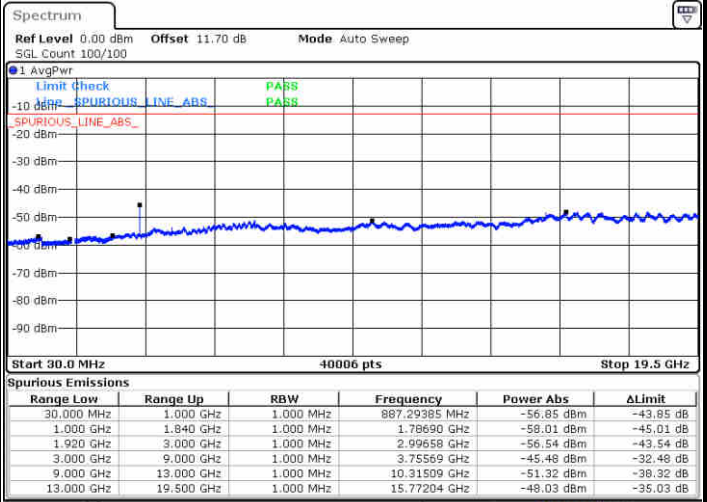
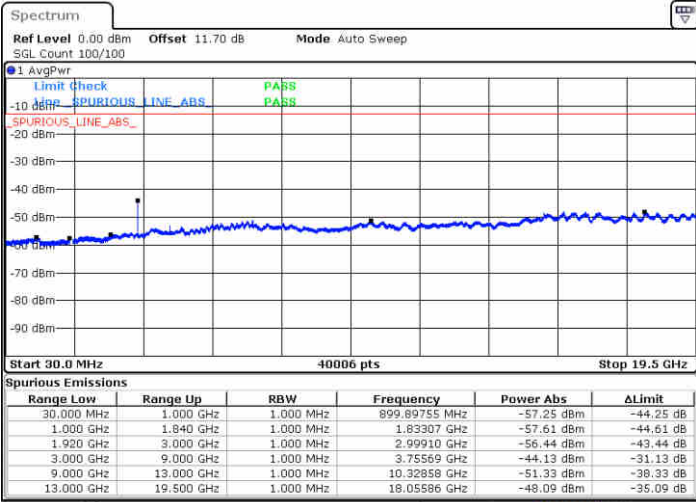


Date: 30 SEP. 2017 16:02:52

Date: 30 SEP. 2017 16:03:46

Middle Channel / QPSK

Middle Channel / 16QAM



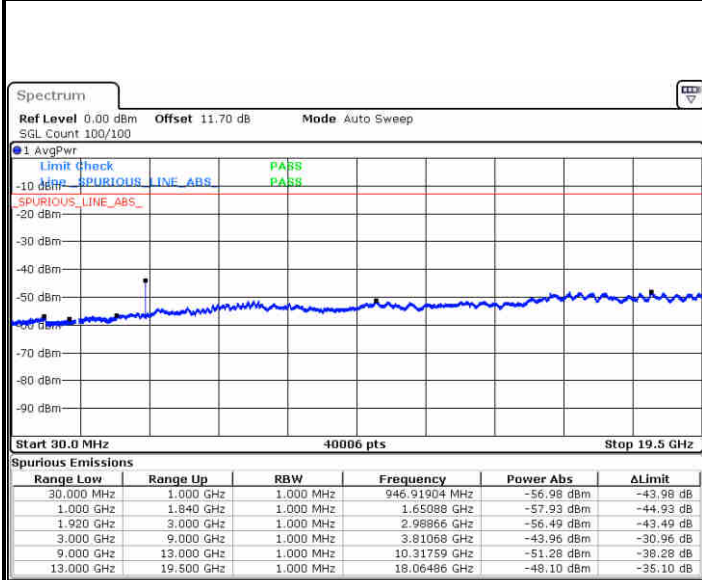
Date: 30 SEP. 2017 16:05:20

Date: 30 SEP. 2017 16:06:14



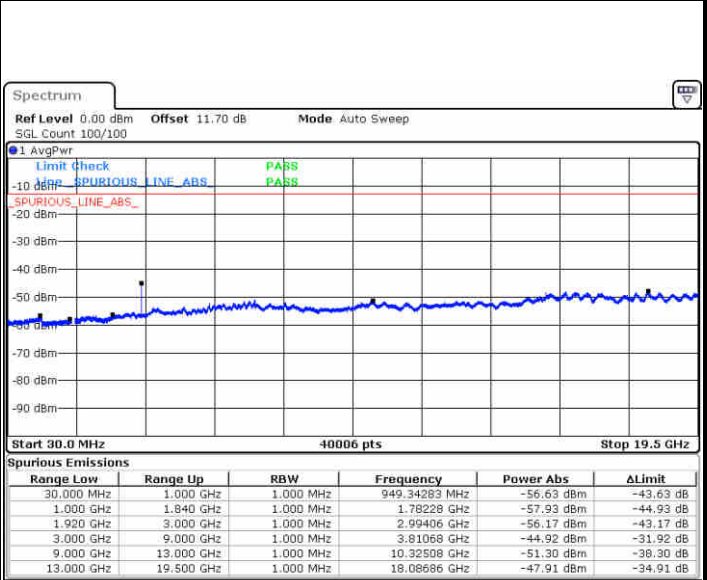
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 30 SEP.2017 16:12:23

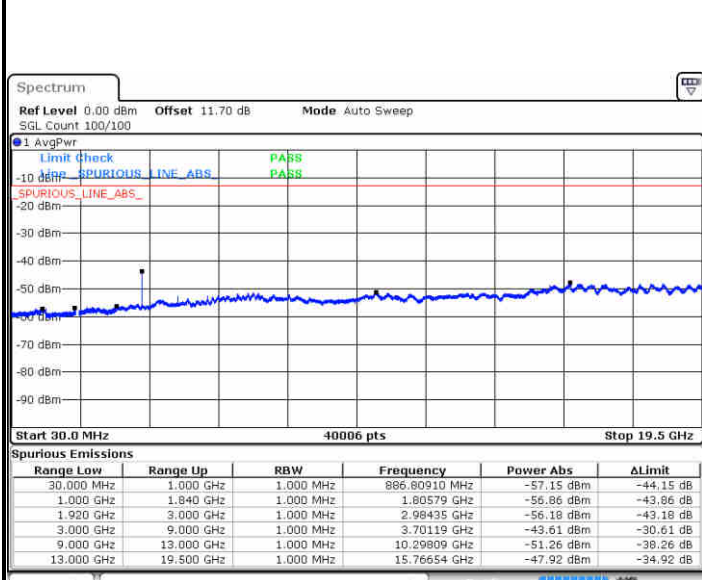
Highest Channel / 16QAM



Date: 30 SEP.2017 16:13:17

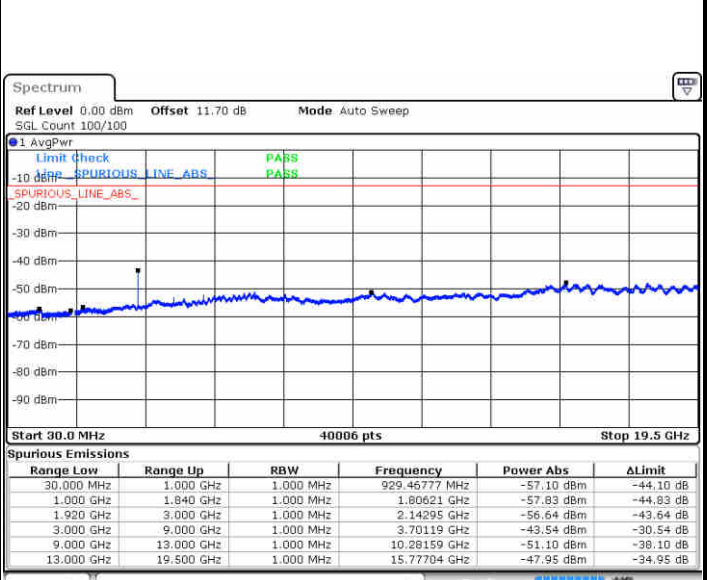
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 30 SEP.2017 16:19:26

Lowest Channel / 16QAM



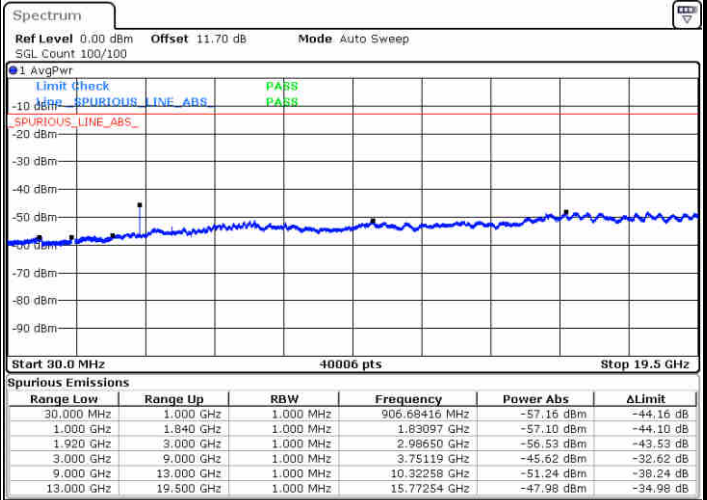
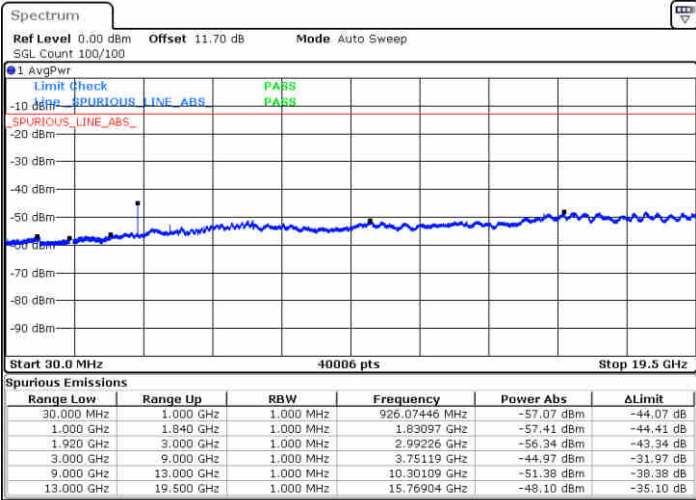
Date: 30 SEP.2017 16:20:20



LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

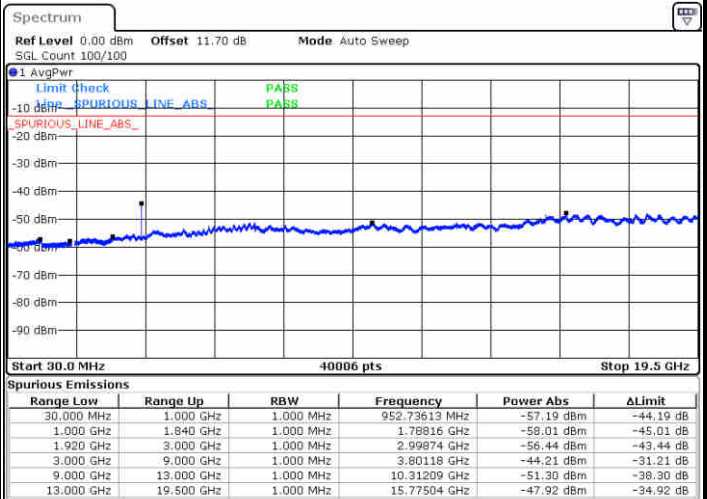
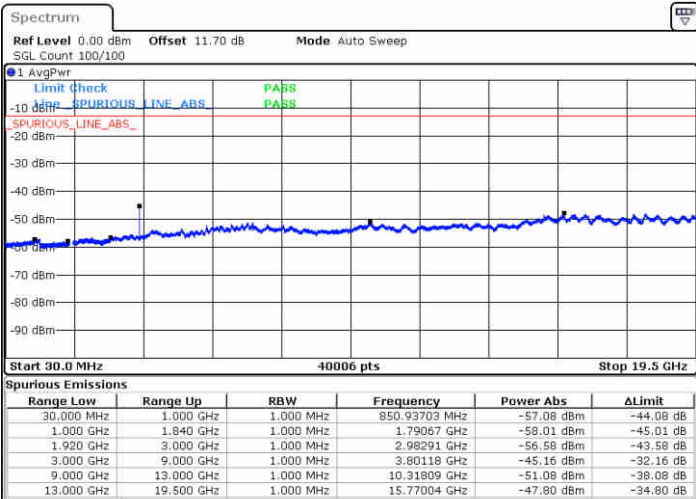


Date: 30 SEP. 2017 16:21:54

Date: 30 SEP. 2017 16:22:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 30 SEP. 2017 16:28:57

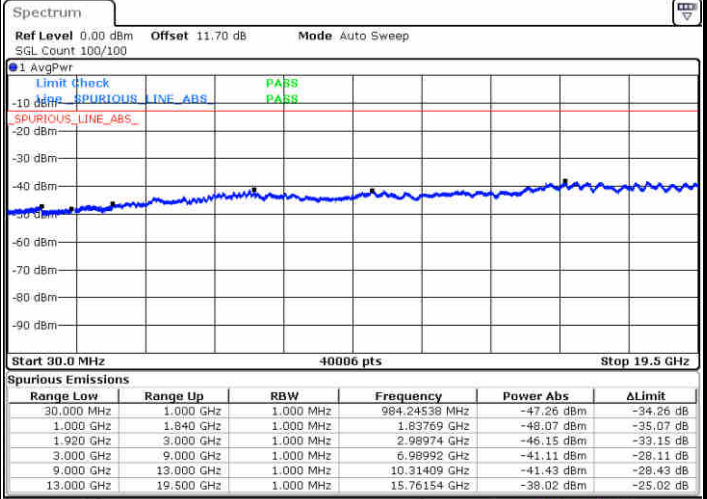
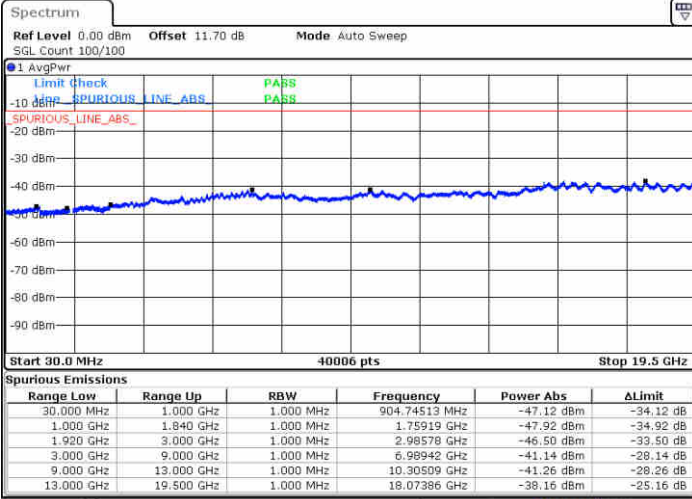
Date: 30 SEP. 2017 16:29:50



LTE Band 2 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

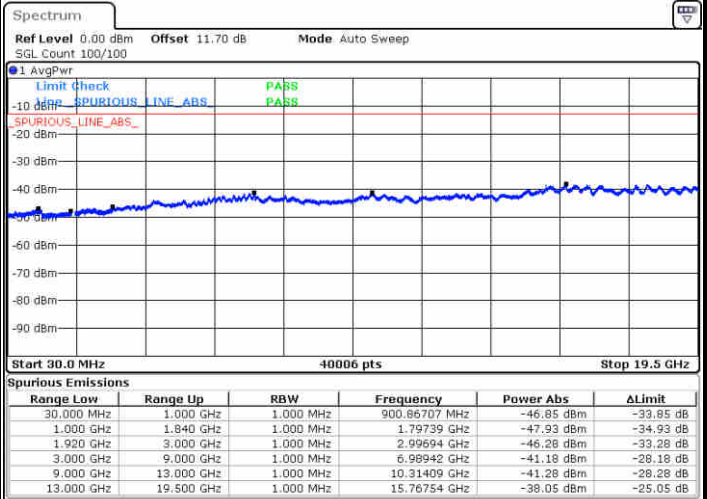
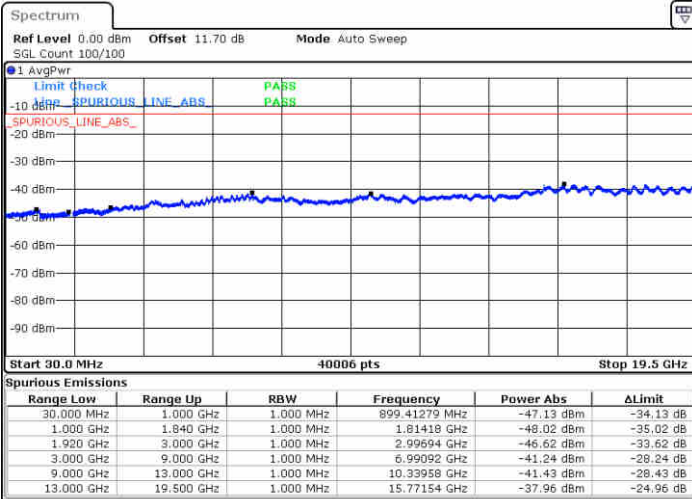


Date: 30 SEP.2017 16:35:59

Date: 30 SEP.2017 16:36:53

Middle Channel / QPSK

Middle Channel / 16QAM



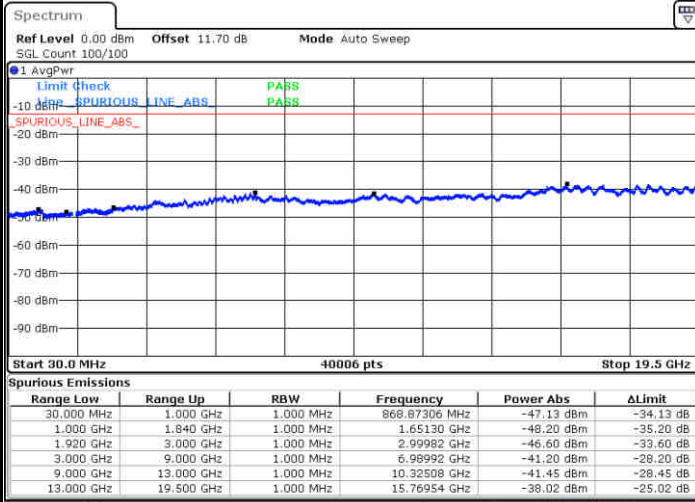
Date: 30 SEP.2017 16:38:27

Date: 30 SEP.2017 16:39:21



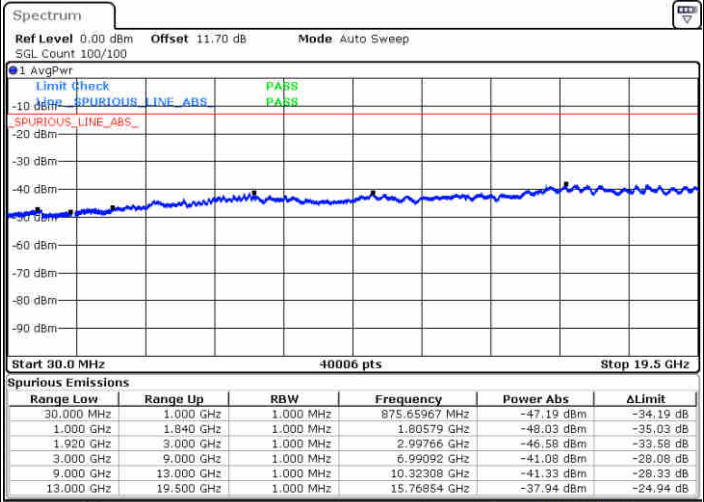
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 30 SEP.2017 16:45:30

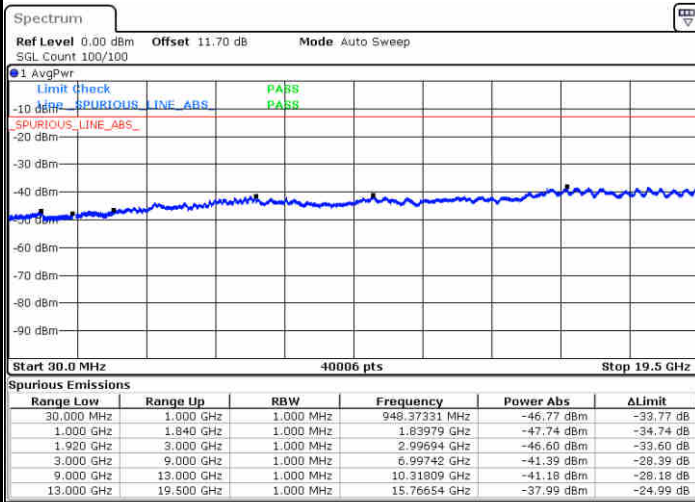
Highest Channel / 16QAM



Date: 30 SEP.2017 16:46:24

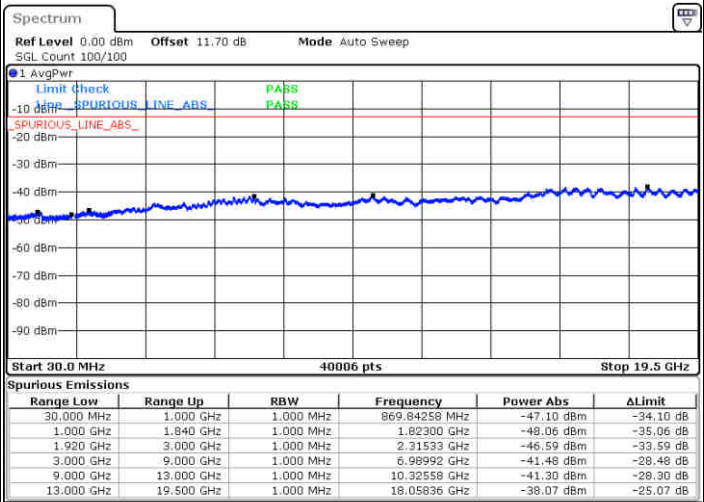
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 30 SEP.2017 16:52:33

Lowest Channel / 16QAM



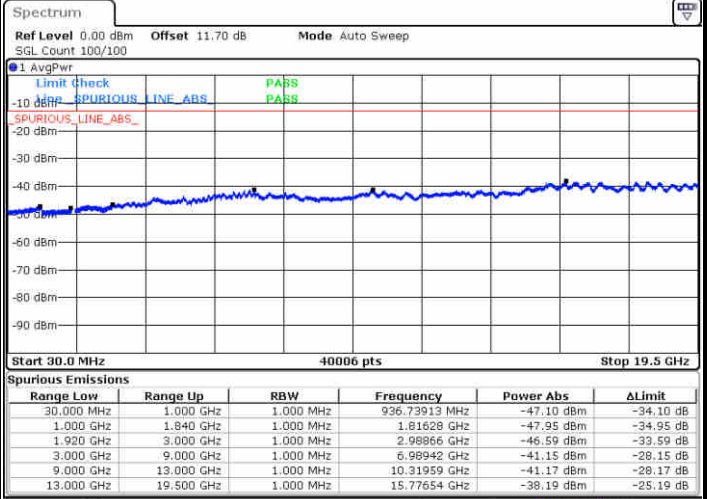
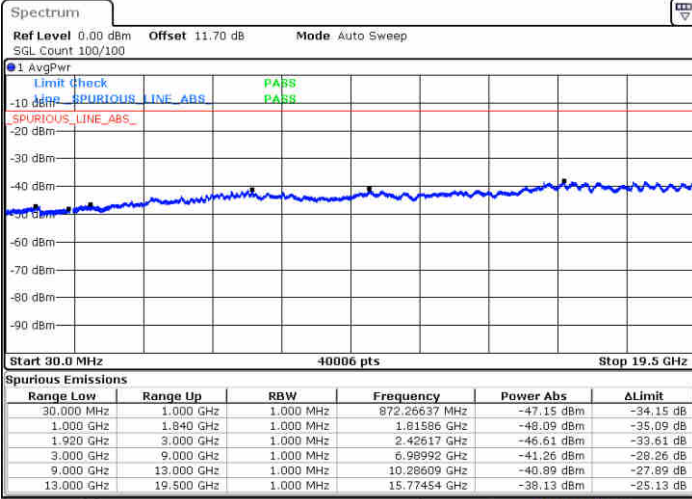
Date: 30 SEP.2017 16:53:27



LTE Band 2 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

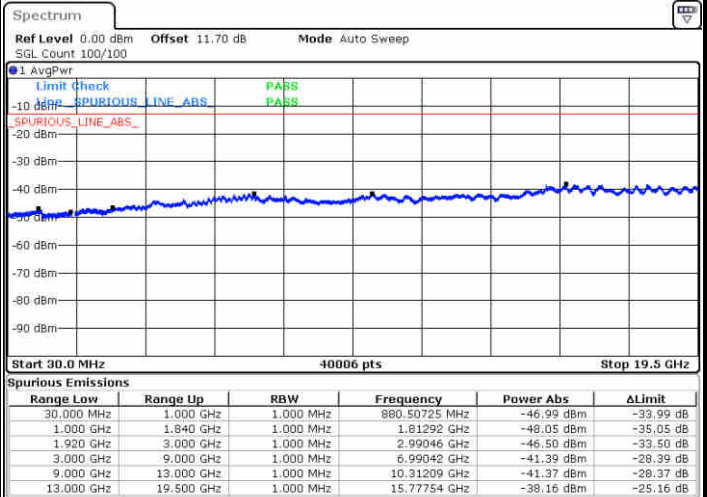
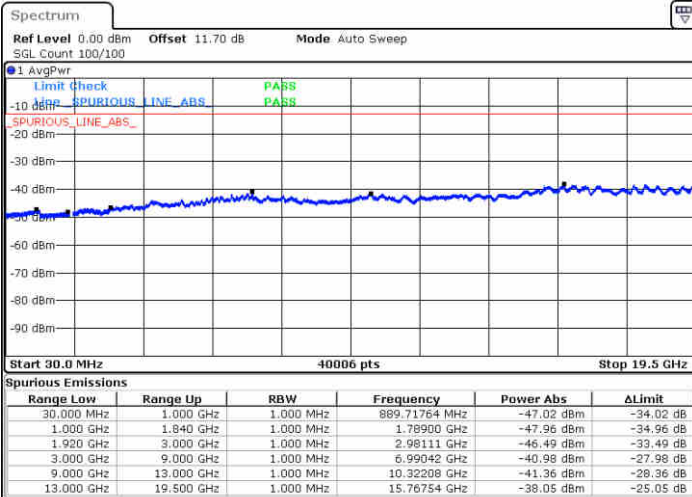


Date: 30 SEP. 2017 16:55:01

Date: 30 SEP. 2017 16:55:55

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 30 SEP. 2017 17:02:03

Date: 30 SEP. 2017 17:02:57

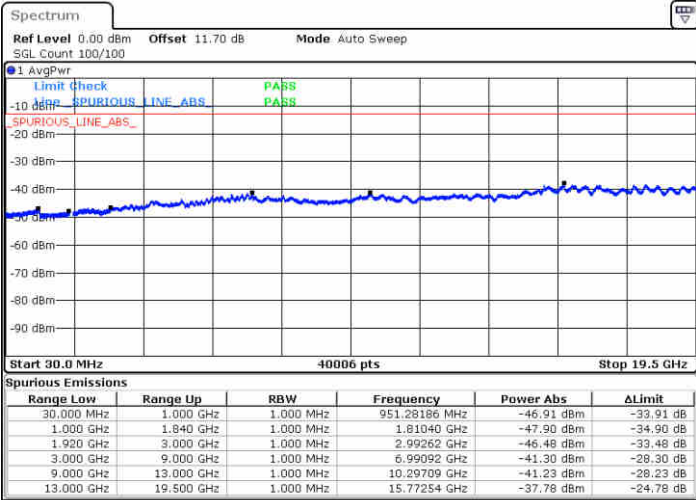




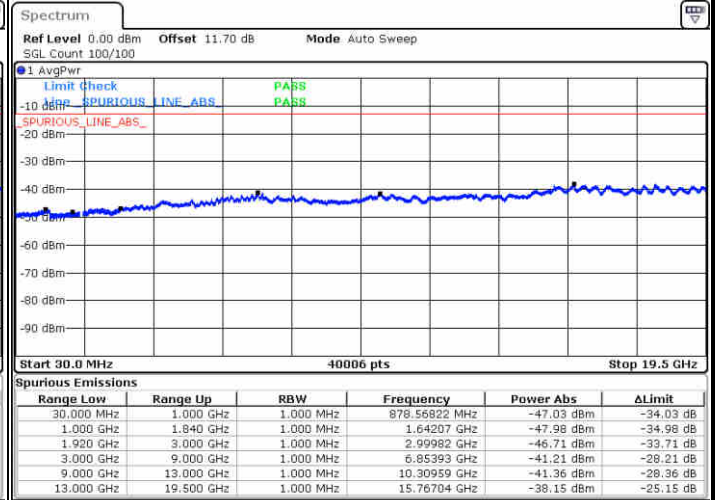
LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

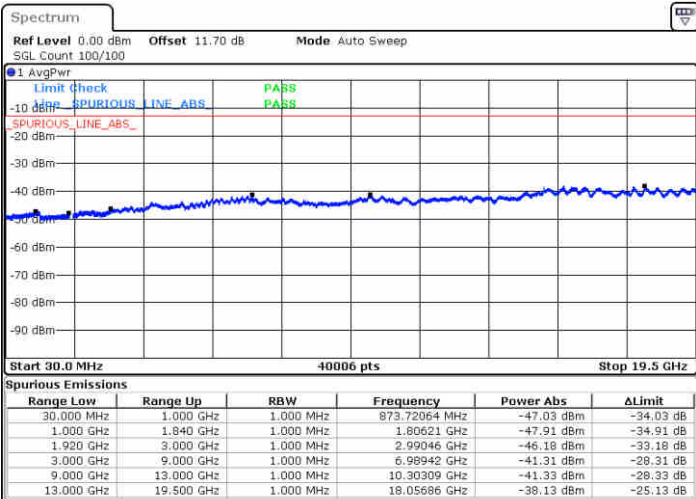


Date: 30 SEP.2017 17:47:22



Date: 30 SEP.2017 17:48:36

Highest Channel / 64QAM

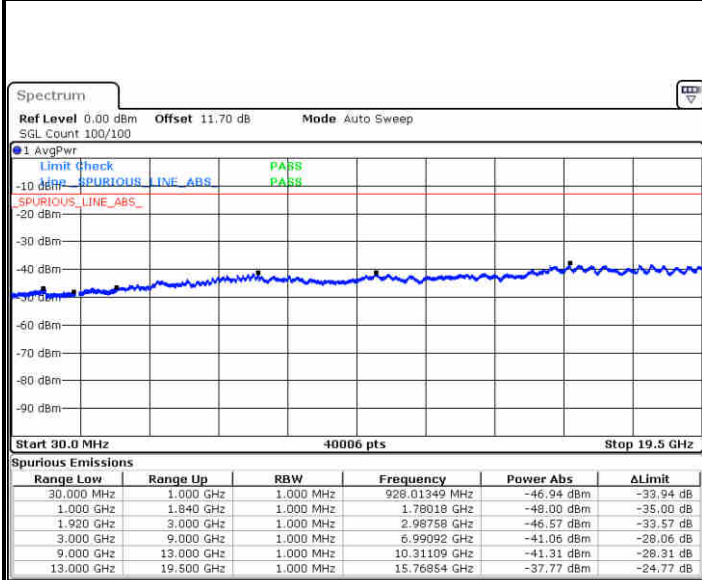


Date: 30 SEP.2017 17:52:07



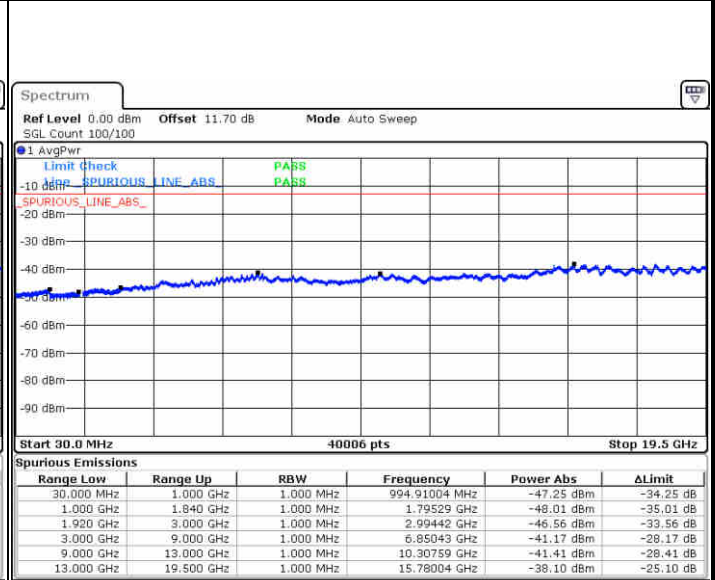
**LTE Band 2 / 3MHz**

**Lowest Channel / 64QAM**



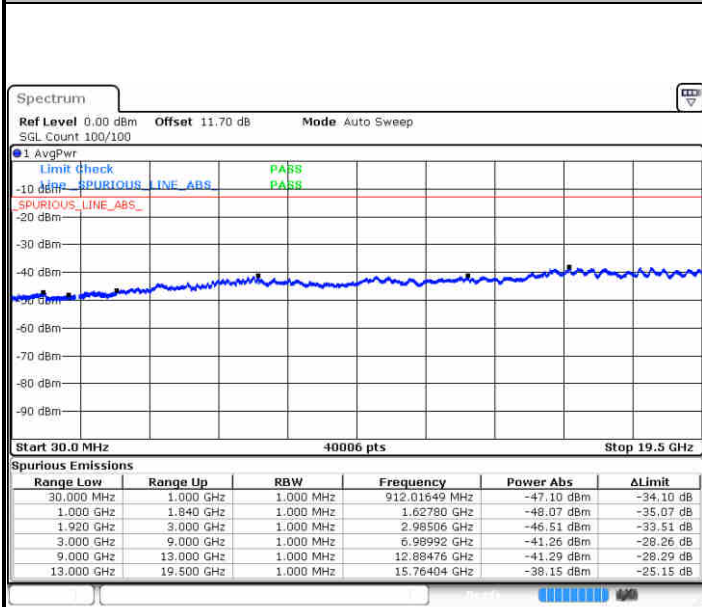
Date: 30 SEP.2017 17:06:29

**Middle Channel / 64QAM**



Date: 30 SEP.2017 17:07:43

**Highest Channel / 64QAM**

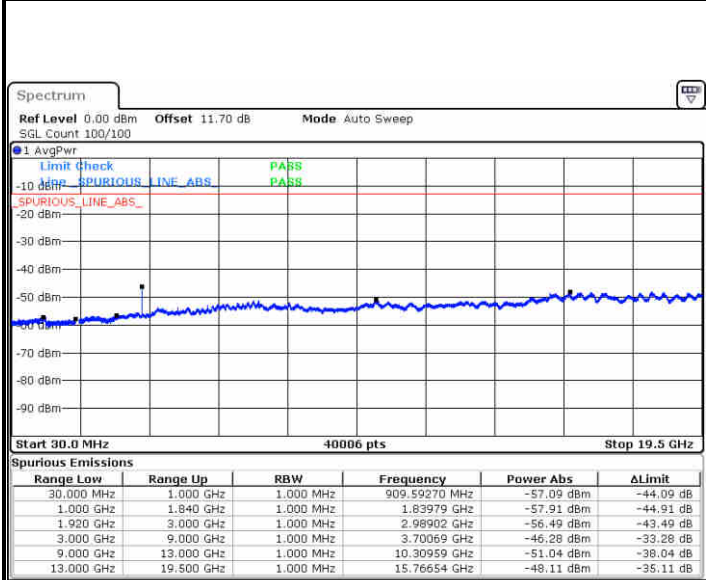


Date: 30 SEP.2017 17:11:14



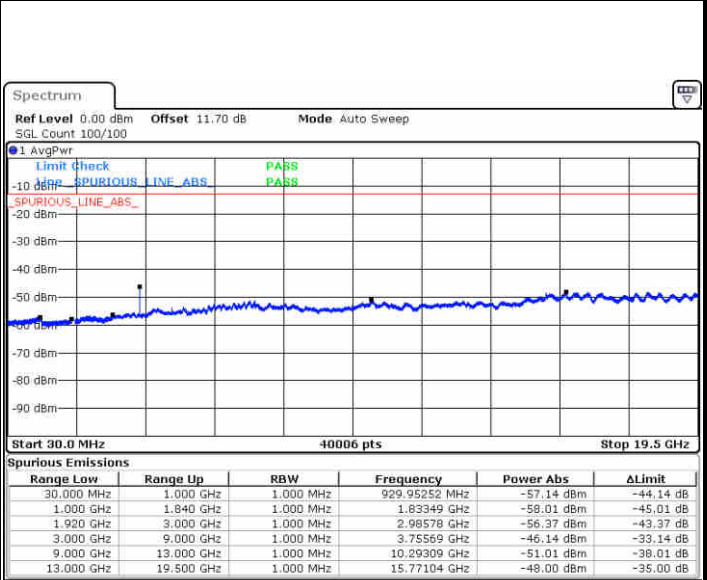
**LTE Band 2 / 5MHz**

**Lowest Channel / 64QAM**



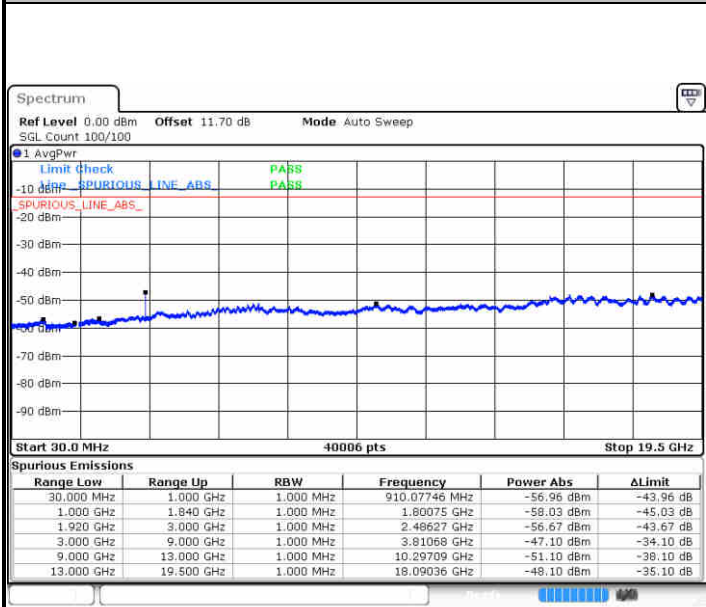
Date: 30 SEP.2017 17:14:46

**Middle Channel / 64QAM**



Date: 30 SEP.2017 17:16:00

**Highest Channel / 64QAM**



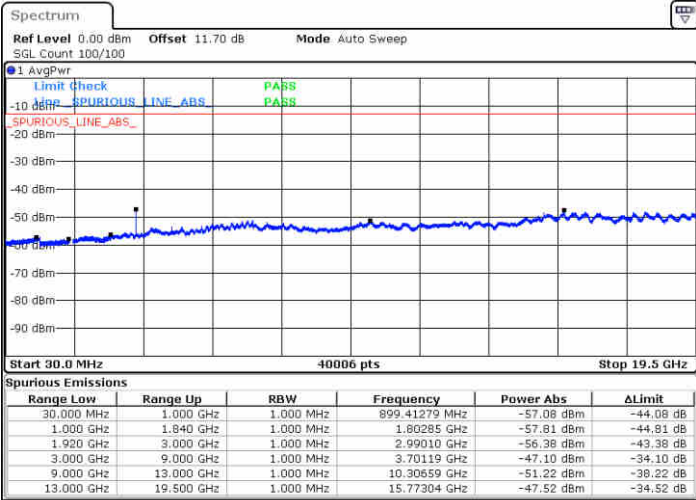
Date: 30 SEP.2017 17:19:31



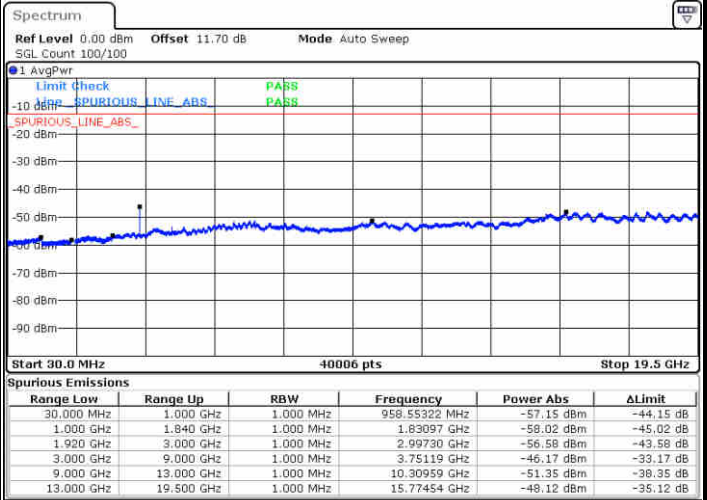
LTE Band 2 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

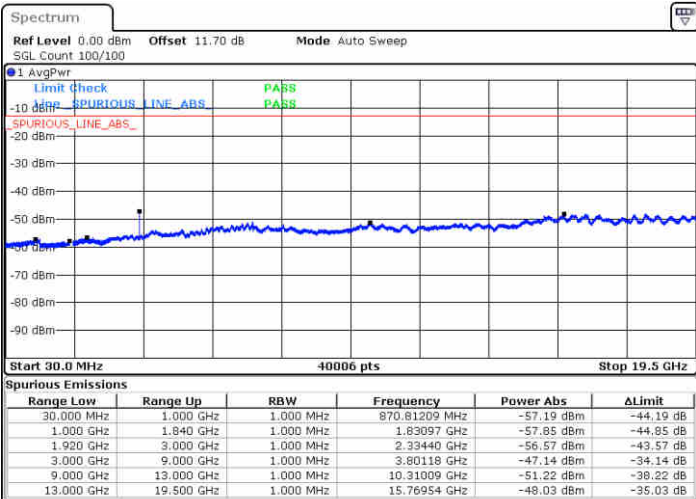


Date: 30 SEP.2017 17:23:03



Date: 30 SEP.2017 17:24:17

Highest Channel / 64QAM



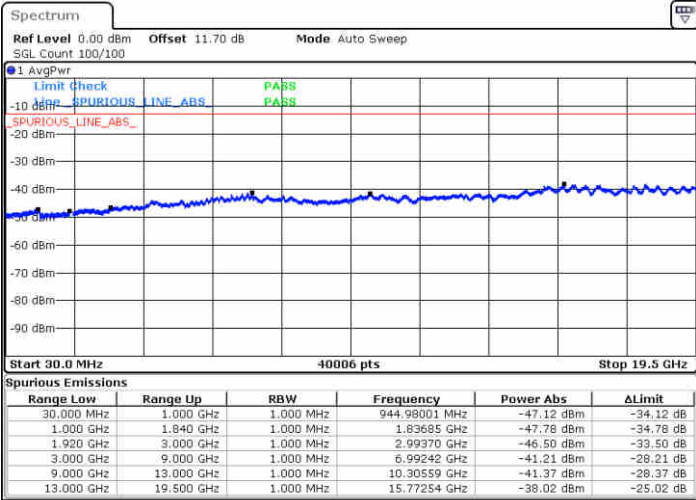
Date: 30 SEP.2017 17:27:48



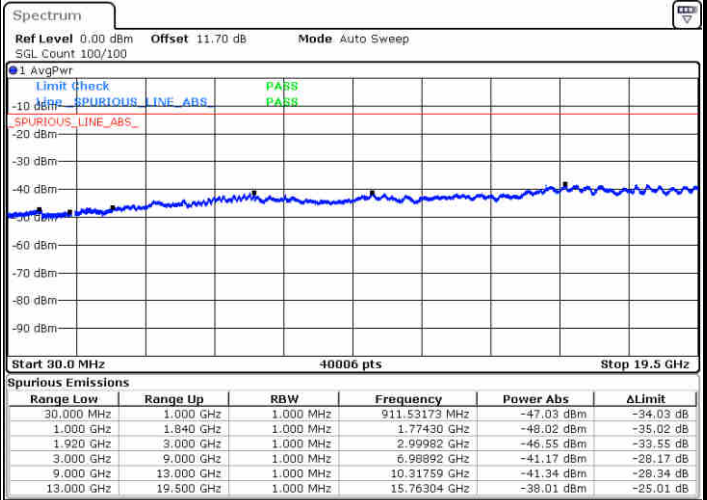
LTE Band 2 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

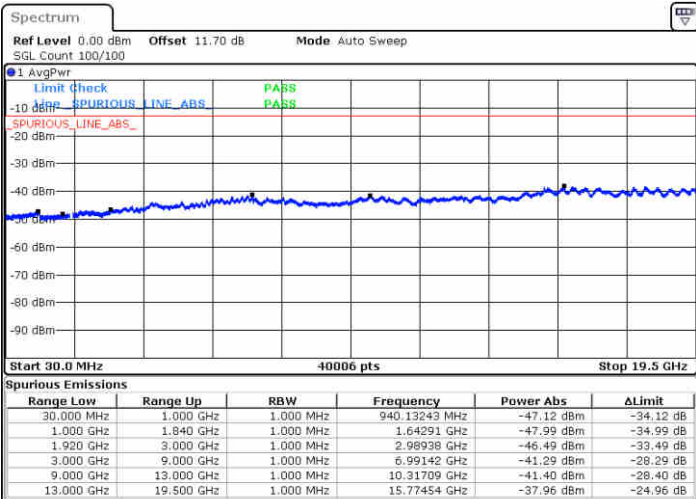


Date: 30 SEP.2017 17:31:20



Date: 30 SEP.2017 17:32:33

Highest Channel / 64QAM



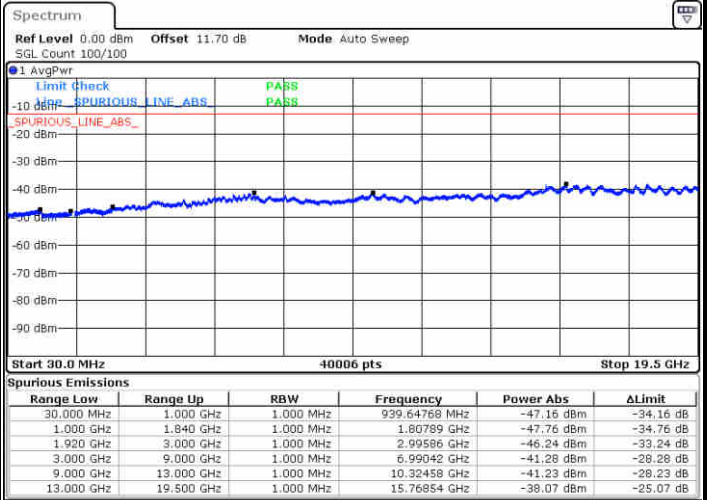
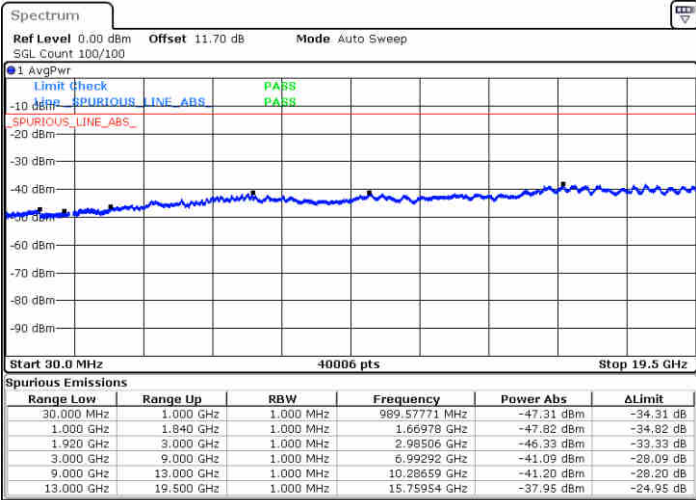
Date: 30 SEP.2017 17:36:05



LTE Band 2 / 20MHz

Lowest Channel / 64QAM

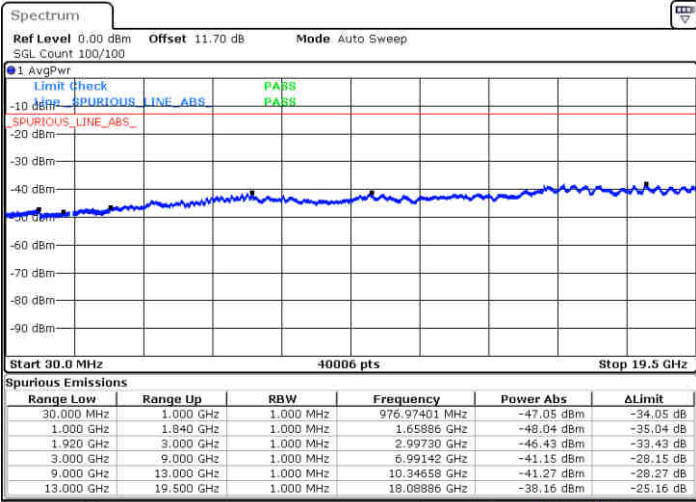
Middle Channel / 64QAM



Date: 30 SEP.2017 17:39:36

Date: 30 SEP.2017 17:40:50

Highest Channel / 64QAM



Date: 30 SEP.2017 18:15:10



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	0.0010	PASS
40	Normal Voltage	0.0044	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 7

## Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.52	4.75	5.25	5.83	<b>PASS</b>
Middle CH	4.49	5.01	5.33	5.94	
Highest CH	4.32	4.93	4.99	5.86	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.38	6.32	-	-	<b>PASS</b>
Middle CH	6.17	6.41	-	-	
Highest CH	6	6.26	-	-	