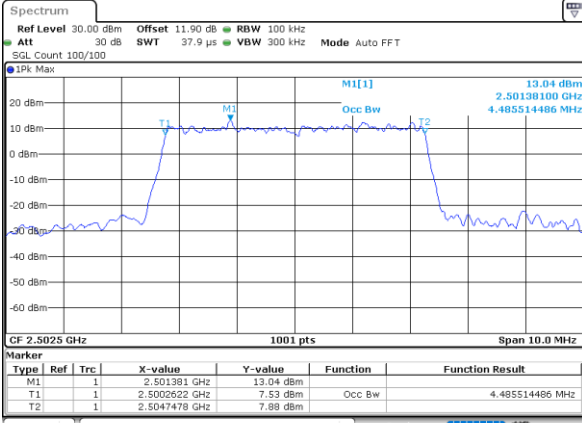




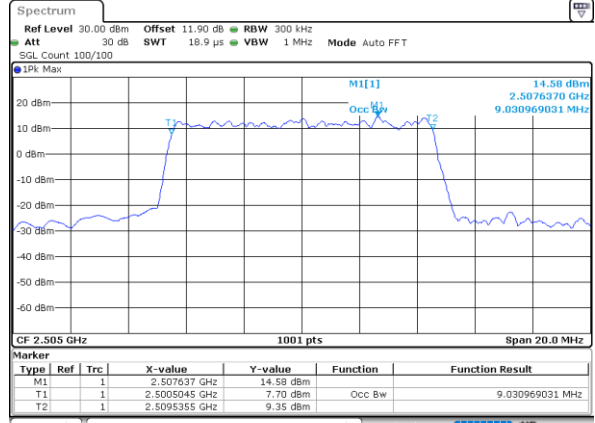
LTE Band 7

Lowest Channel / 5MHz / 64QAM



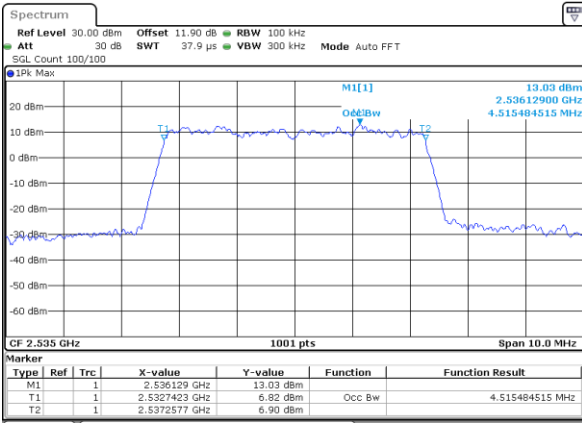
Date: 8.FEB.2018 13:32:46

Lowest Channel / 10MHz / 64QAM



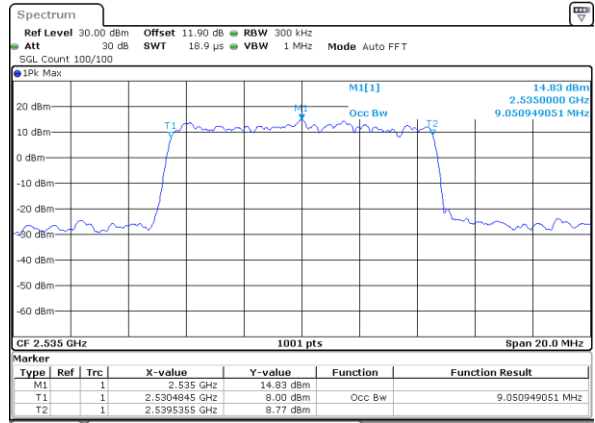
Date: 8.FEB.2018 13:40:56

Middle Channel / 5MHz / 64QAM



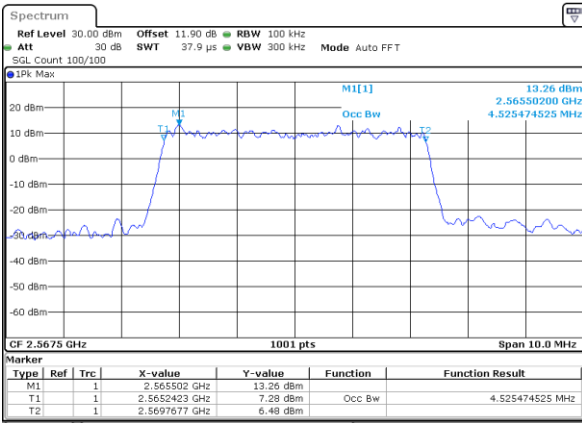
Date: 8.FEB.2018 13:36:15

Middle Channel / 10MHz / 64QAM



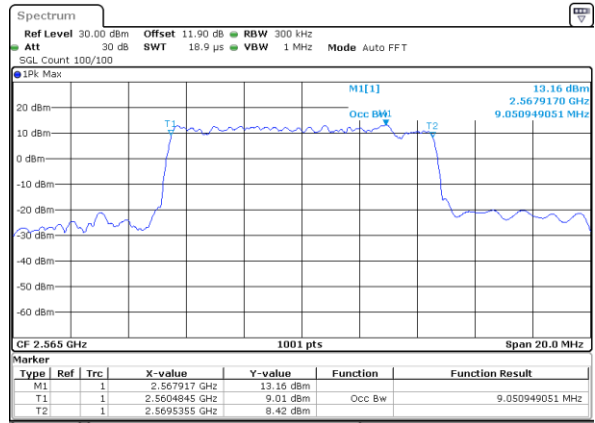
Date: 8.FEB.2018 13:44:25

Highest Channel / 5MHz / 64QAM



Date: 8.FEB.2018 13:37:27

Highest Channel / 10MHz / 64QAM

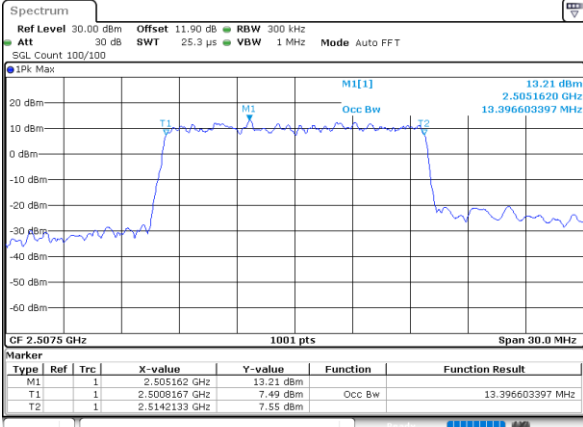


Date: 8.FEB.2018 13:45:37



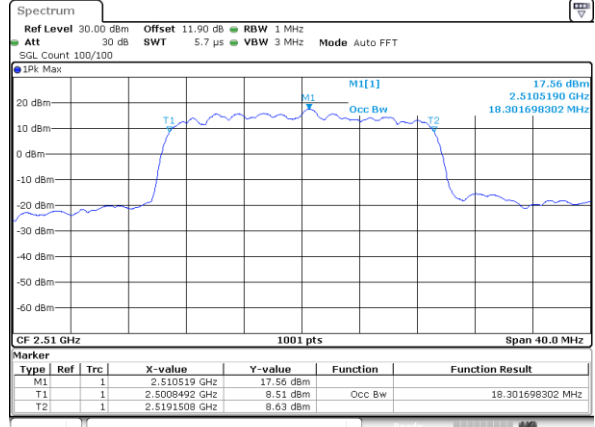
LTE Band 7

Lowest Channel / 15MHz / 64QAM



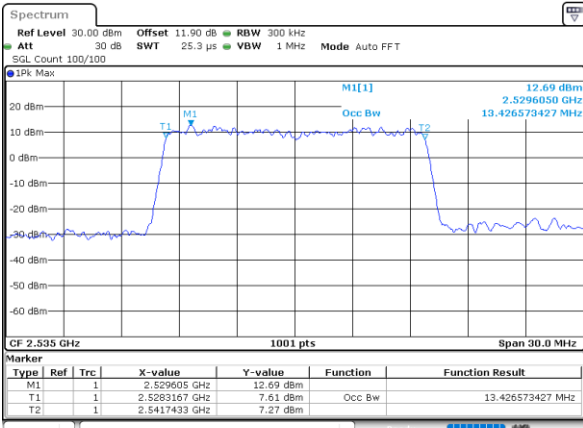
Date: 8.FEB.2018 13:49:07

Lowest Channel / 20MHz / 64QAM



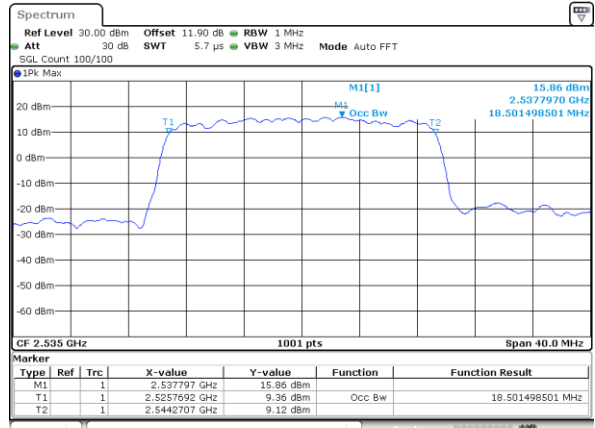
Date: 9.FEB.2018 01:50:24

Middle Channel / 15MHz / 64QAM



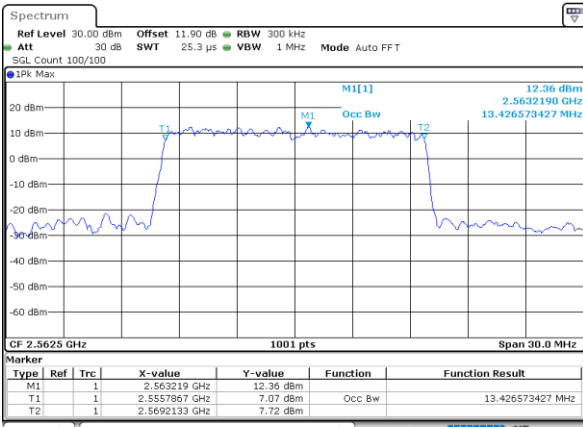
Date: 8.FEB.2018 13:52:36

Middle Channel / 20MHz / 64QAM



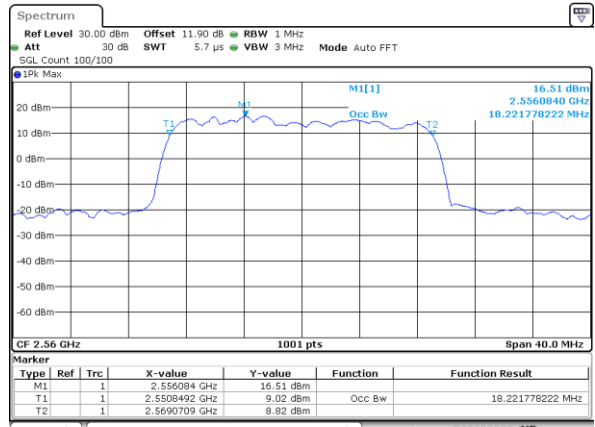
Date: 9.FEB.2018 01:50:55

Highest Channel / 15MHz / 64QAM



Date: 8.FEB.2018 13:53:48

Highest Channel / 20MHz / 64QAM



Date: 9.FEB.2018 01:51:28

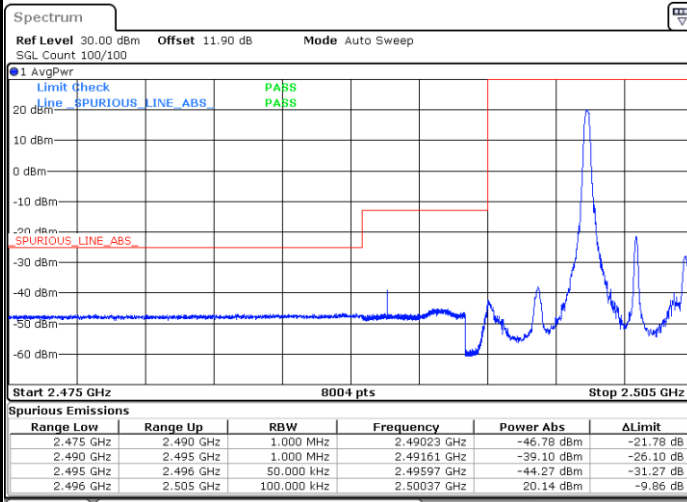


Conducted Band Edge



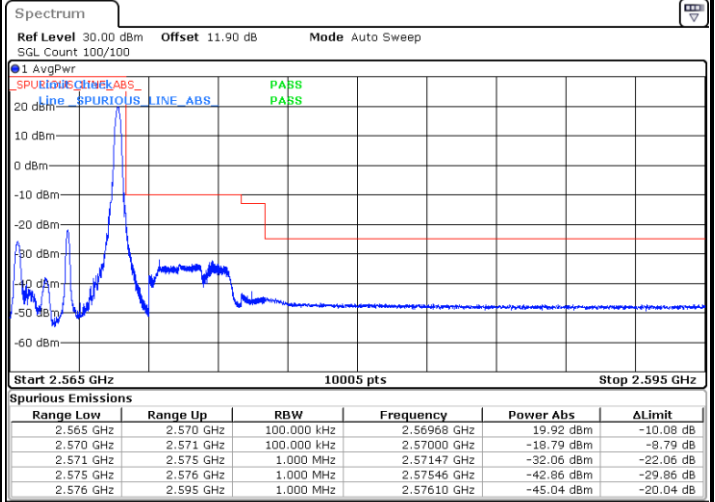
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



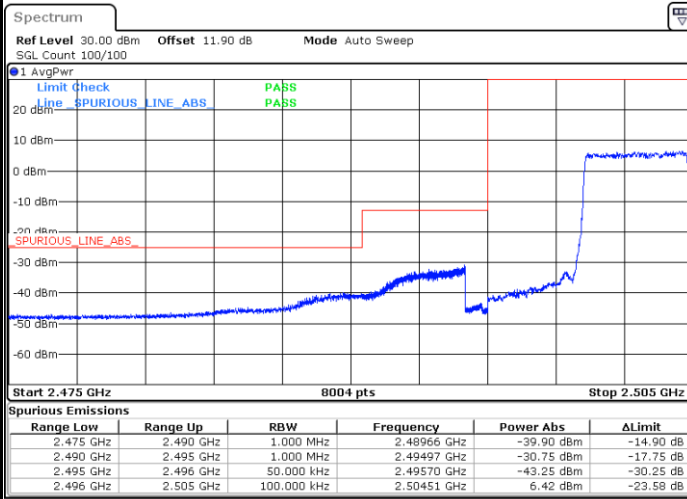
Date: 8.FEB.2018 14:09:07

Highest Band Edge / 1 RB



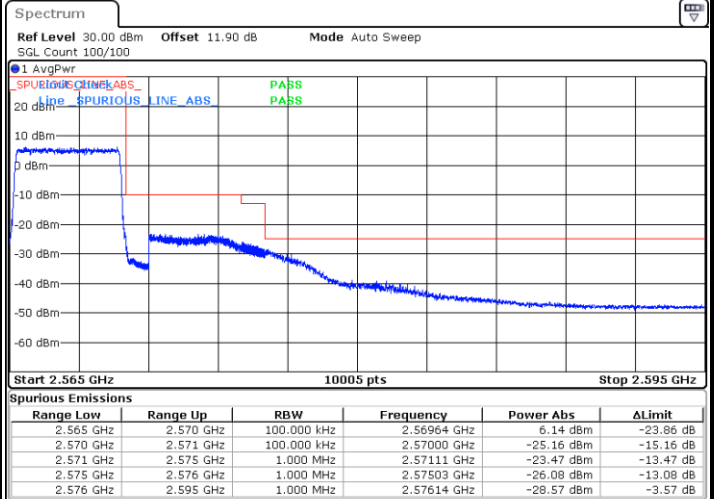
Date: 8.FEB.2018 14:18:29

Lowest Band Edge / Full RB



Date: 8.FEB.2018 14:11:23

Highest Band Edge / Full RB



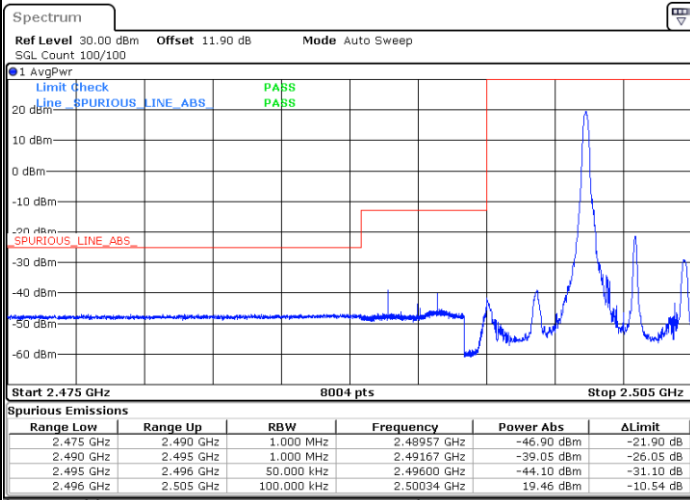
Date: 8.FEB.2018 14:20:46



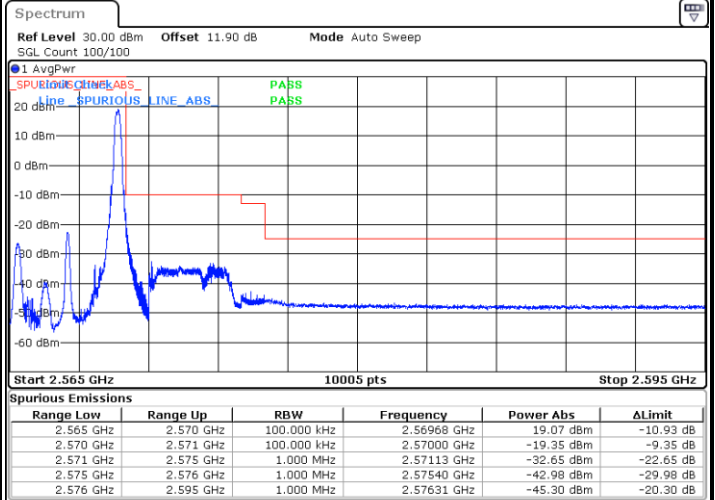
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



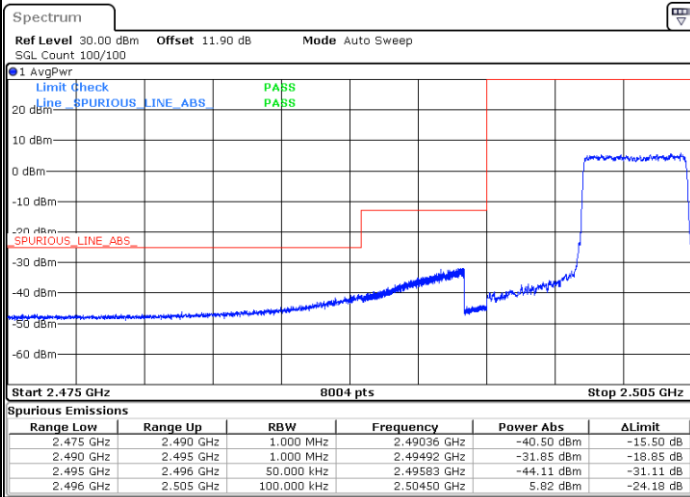
Date: 8.FEB.2018 14:10:15



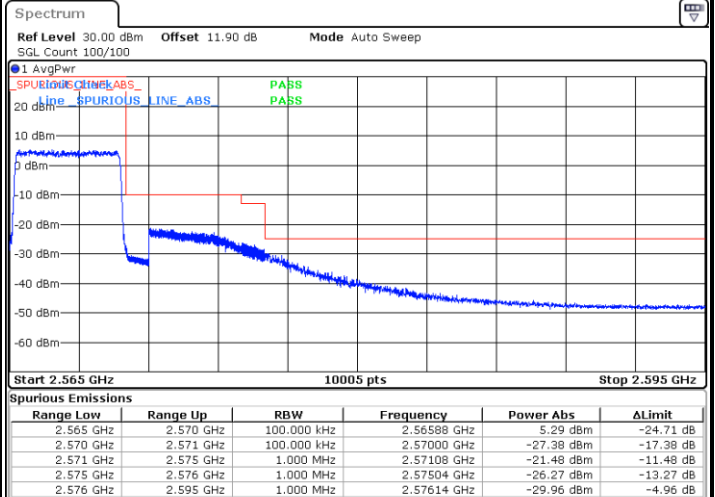
Date: 8.FEB.2018 14:19:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.FEB.2018 14:12:31

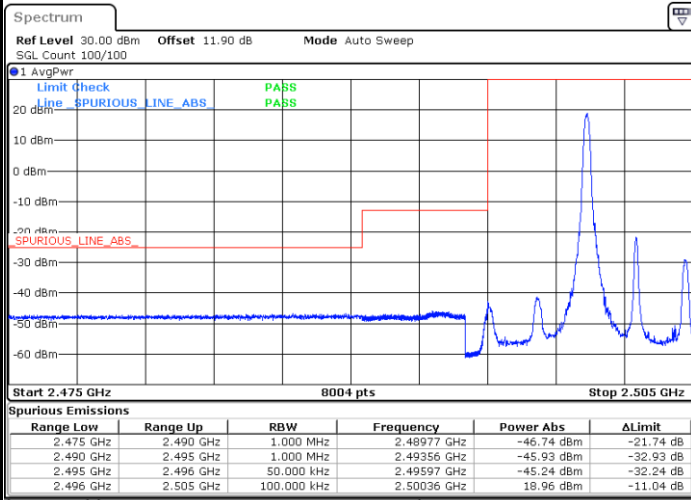


Date: 8.FEB.2018 14:21:54



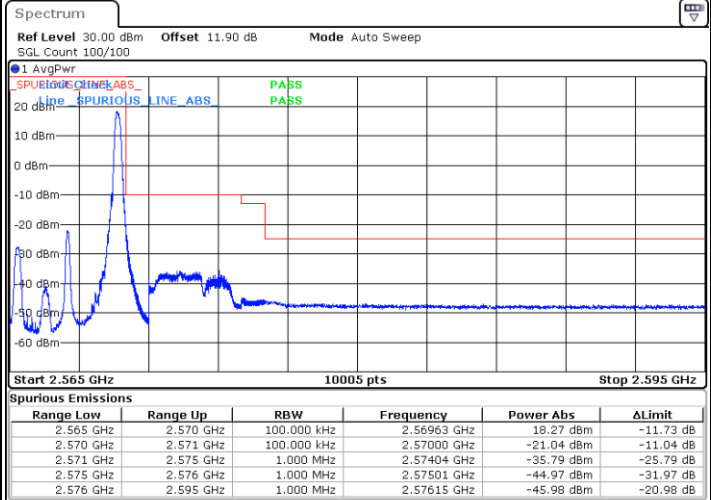
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



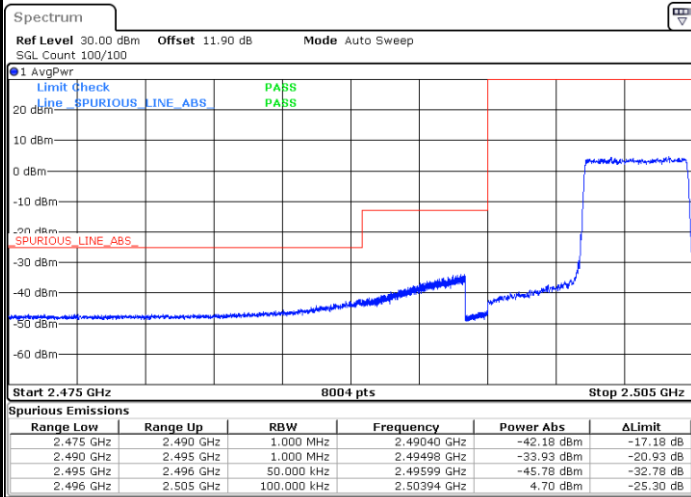
Date: 8.FEB.2018 13:34:04

Highest Band Edge / 1 RB



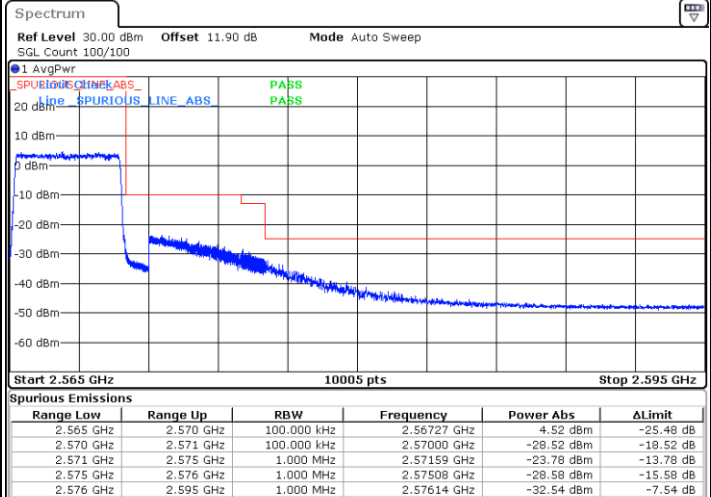
Date: 8.FEB.2018 13:38:45

Lowest Band Edge / Full RB



Date: 8.FEB.2018 13:35:12

Highest Band Edge / Full RB



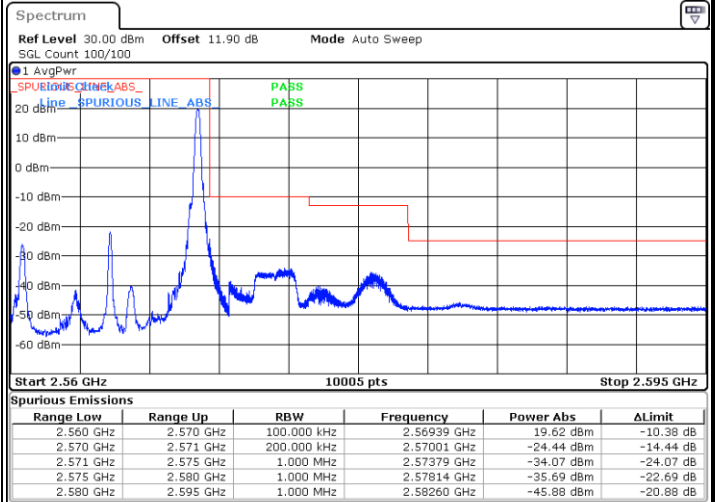
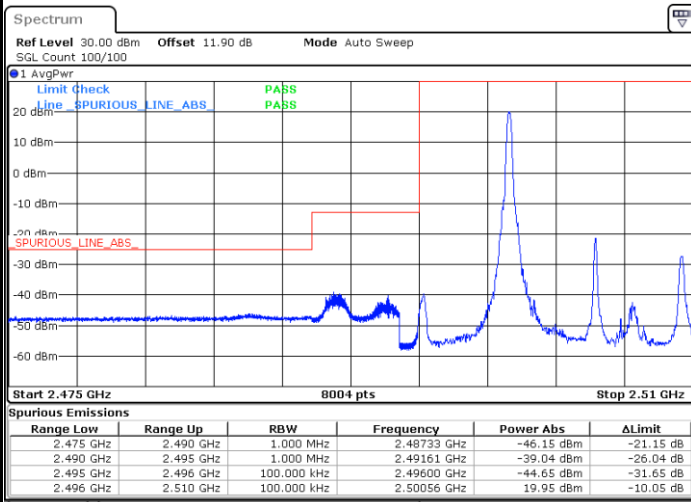
Date: 8.FEB.2018 13:39:53



LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

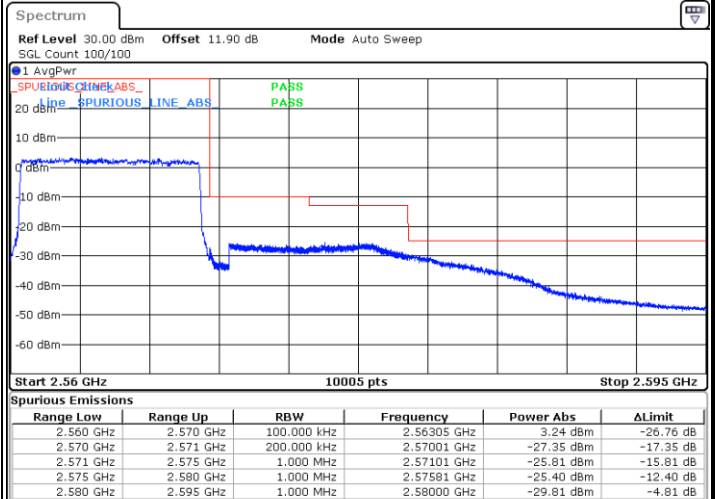
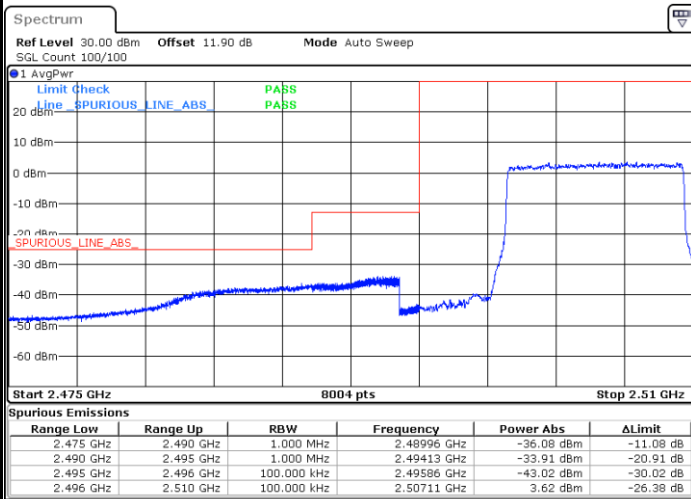


Date: 8.FEB.2018 14:25:27

Date: 8.FEB.2018 14:34:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



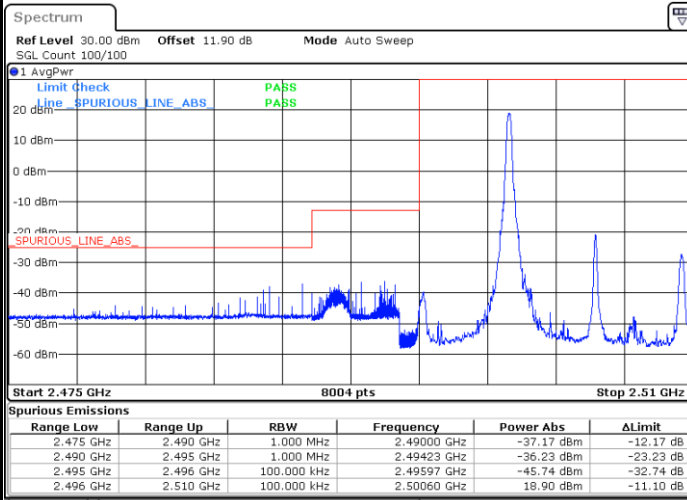
Date: 8.FEB.2018 14:27:44

Date: 8.FEB.2018 14:37:07



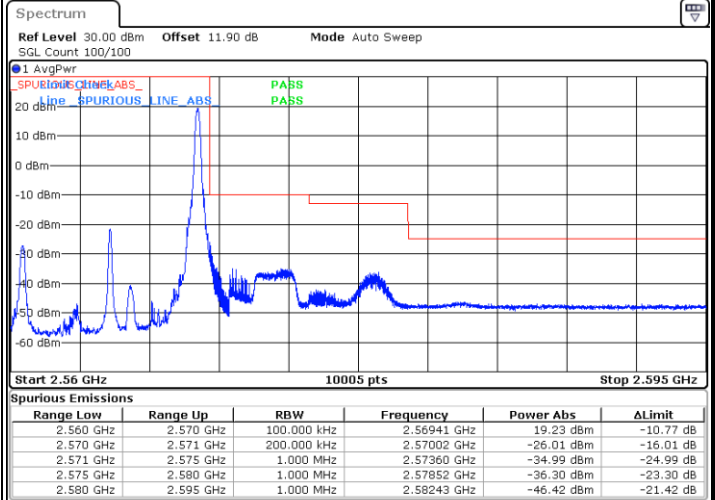
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



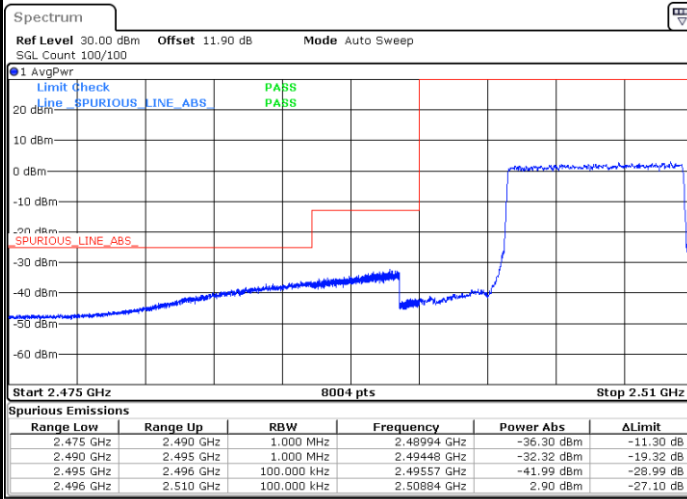
Date: 8.FEB.2018 14:26:36

Highest Band Edge / 1 RB



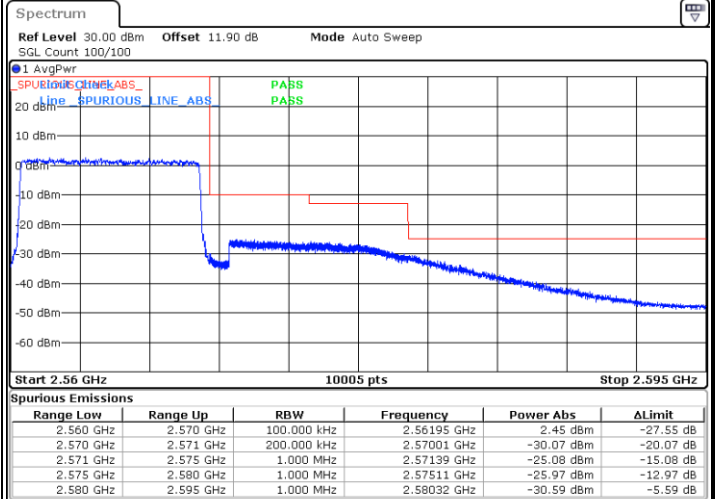
Date: 8.FEB.2018 14:35:59

Lowest Band Edge / Full RB



Date: 8.FEB.2018 14:28:52

Highest Band Edge / Full RB

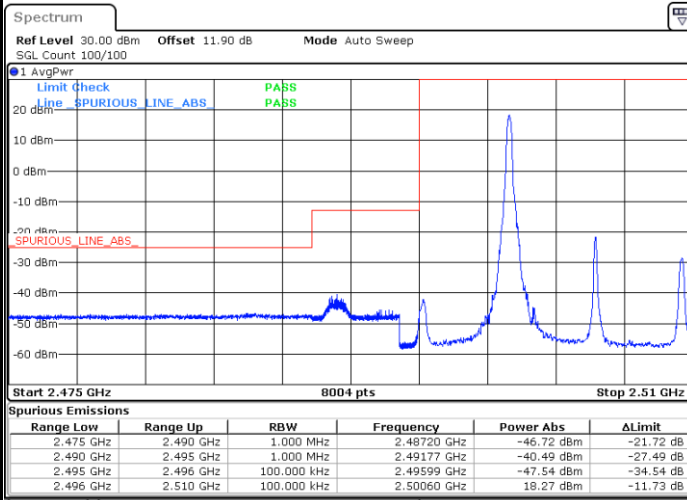


Date: 8.FEB.2018 14:38:15



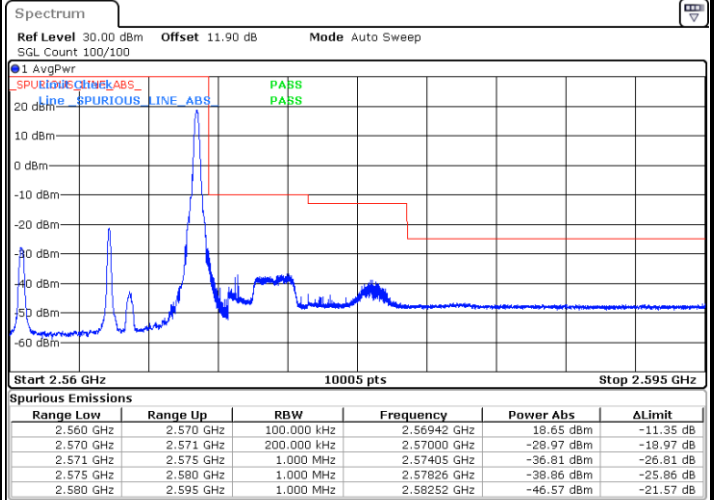
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



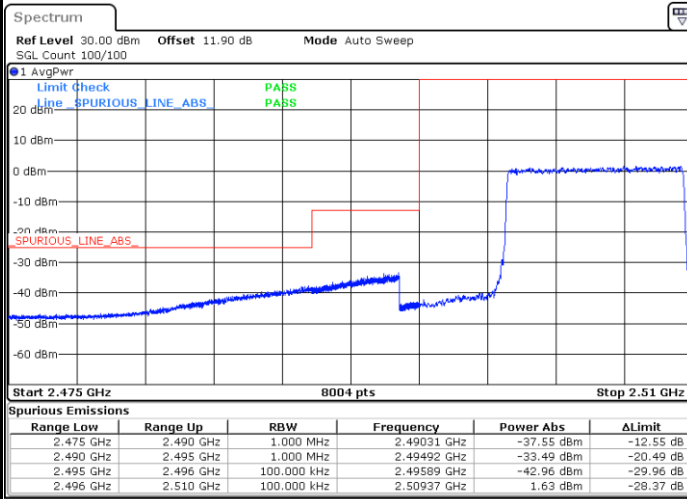
Date: 8.FEB.2018 13:42:14

Highest Band Edge / 1 RB



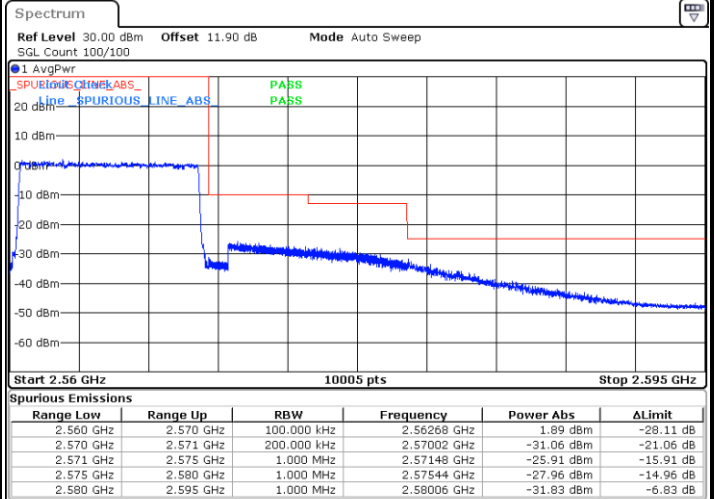
Date: 8.FEB.2018 13:46:56

Lowest Band Edge / Full RB



Date: 8.FEB.2018 13:43:22

Highest Band Edge / Full RB

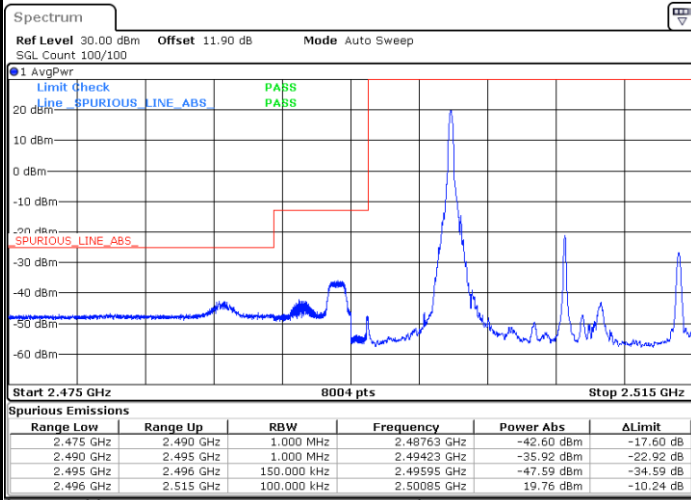


Date: 8.FEB.2018 13:48:04



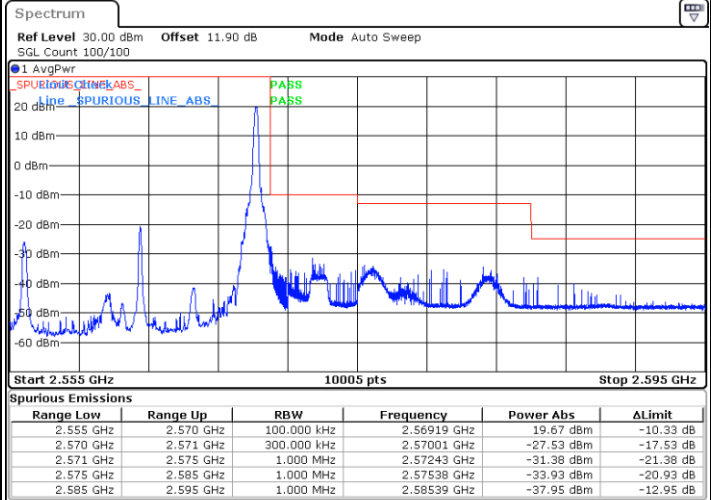
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



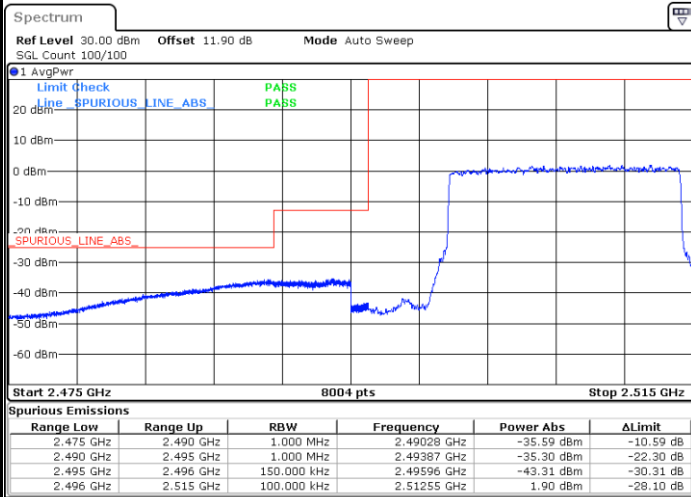
Date: 8.FEB.2018 14:41:48

Highest Band Edge / 1 RB



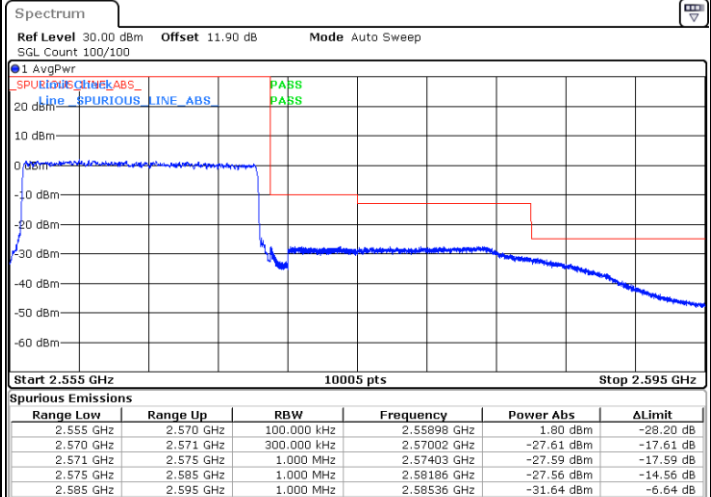
Date: 8.FEB.2018 14:51:11

Lowest Band Edge / Full RB



Date: 8.FEB.2018 14:44:05

Highest Band Edge / Full RB

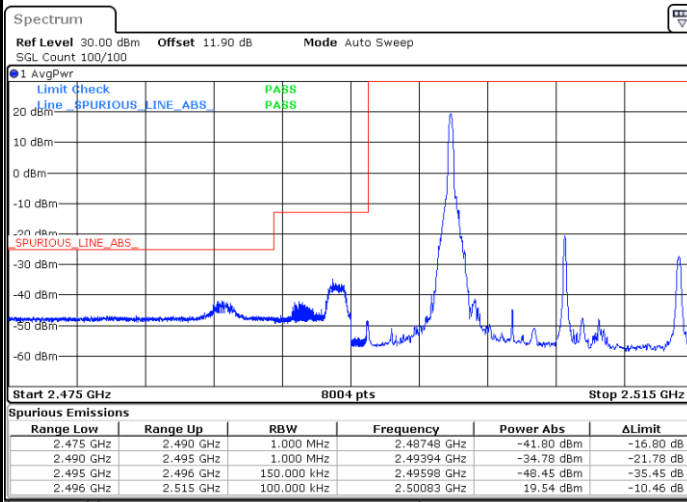


Date: 8.FEB.2018 14:53:27



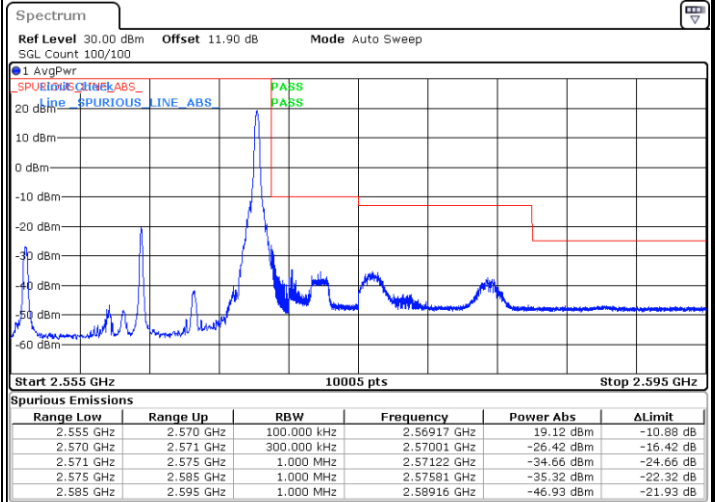
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



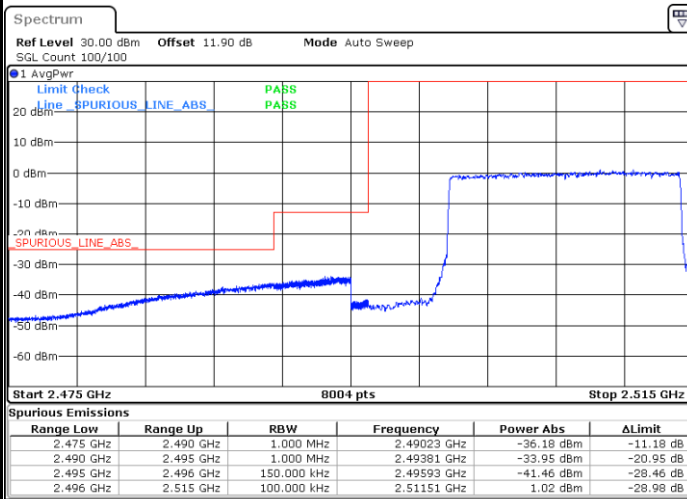
Date: 8.FEB.2018 14:42:56

Highest Band Edge / 1 RB



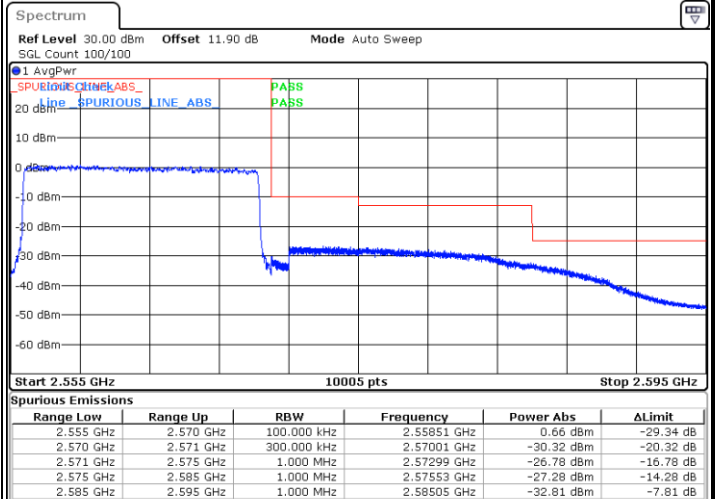
Date: 8.FEB.2018 14:52:19

Lowest Band Edge / Full RB



Date: 8.FEB.2018 14:45:13

Highest Band Edge / Full RB

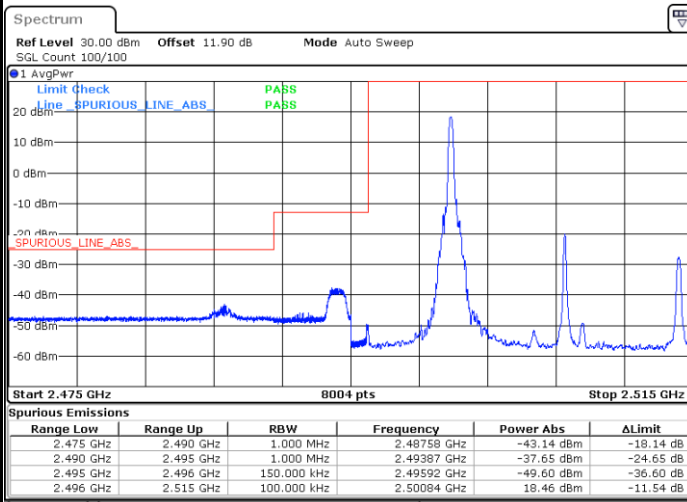


Date: 8.FEB.2018 14:54:36



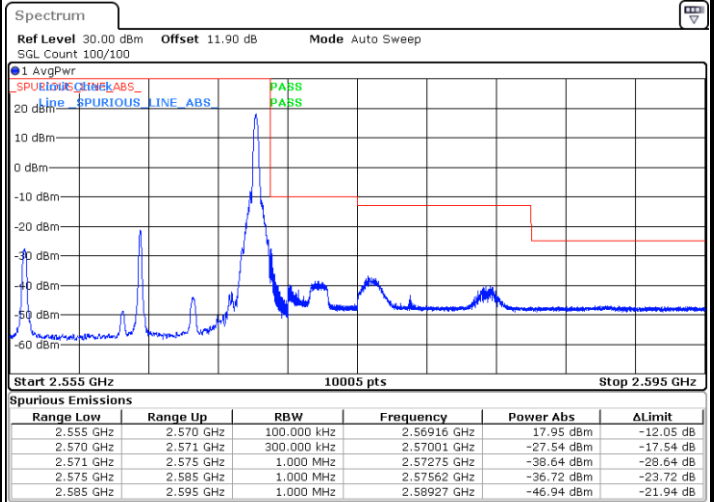
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



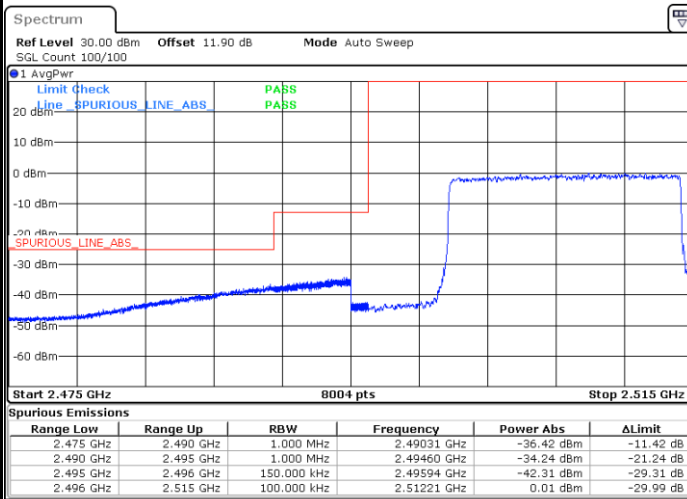
Date: 8.FEB.2018 13:50:25

Highest Band Edge / 1 RB



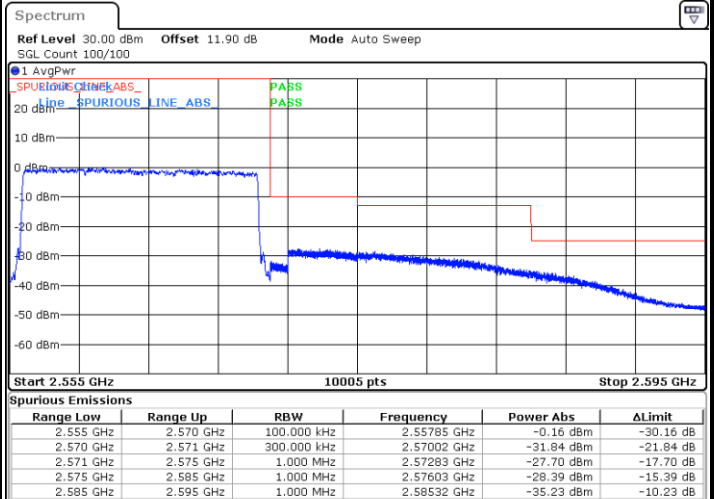
Date: 8.FEB.2018 13:55:06

Lowest Band Edge / Full RB



Date: 8.FEB.2018 13:51:33

Highest Band Edge / Full RB

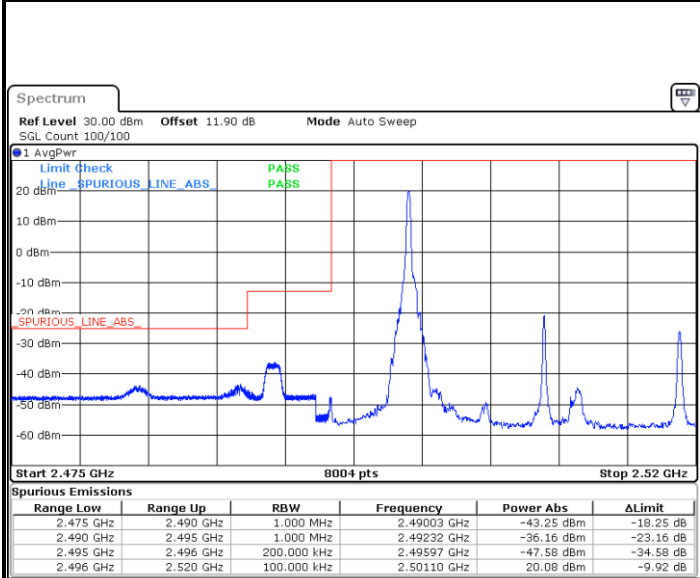


Date: 8.FEB.2018 13:56:14



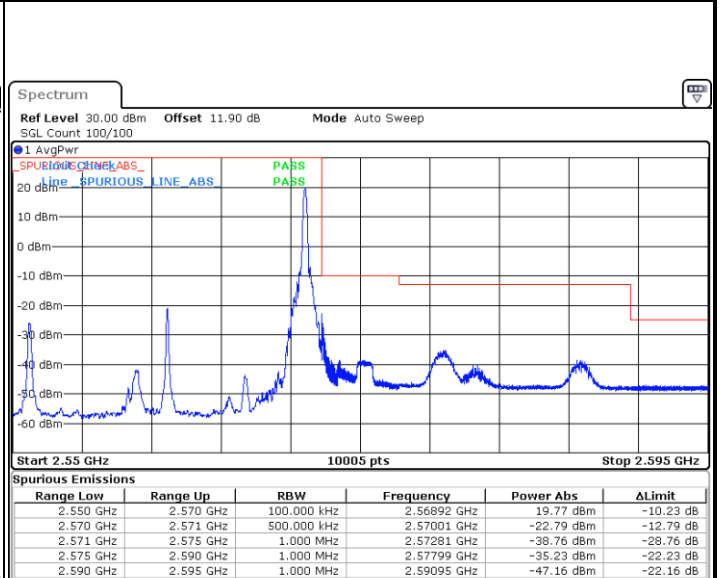
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



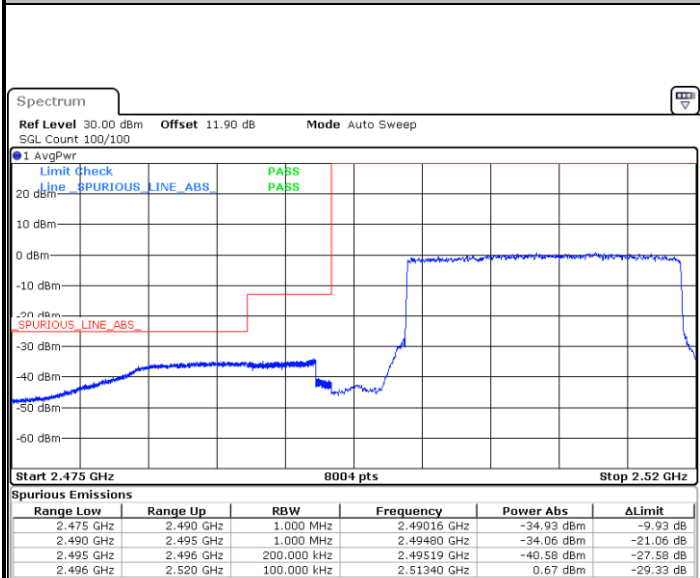
Date: 8.FEB.2018 14:58:09

Highest Band Edge / 1 RB



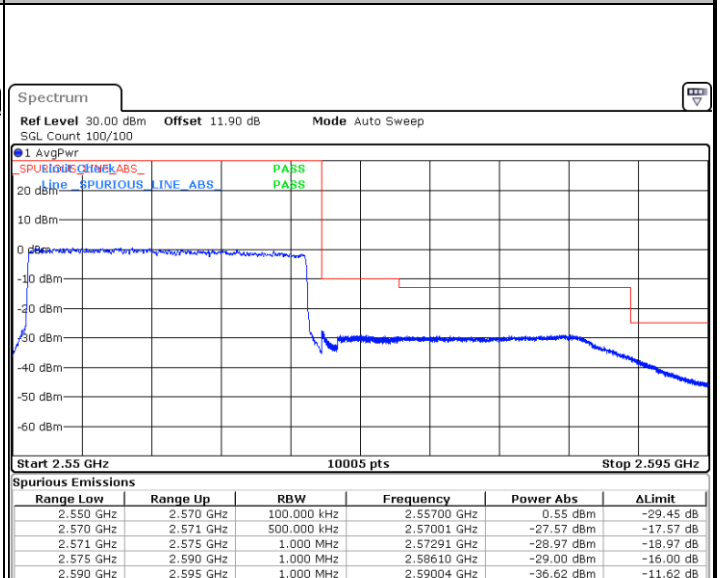
Date: 8.FEB.2018 15:07:32

Lowest Band Edge / Full RB



Date: 8.FEB.2018 15:00:25

Highest Band Edge / Full RB

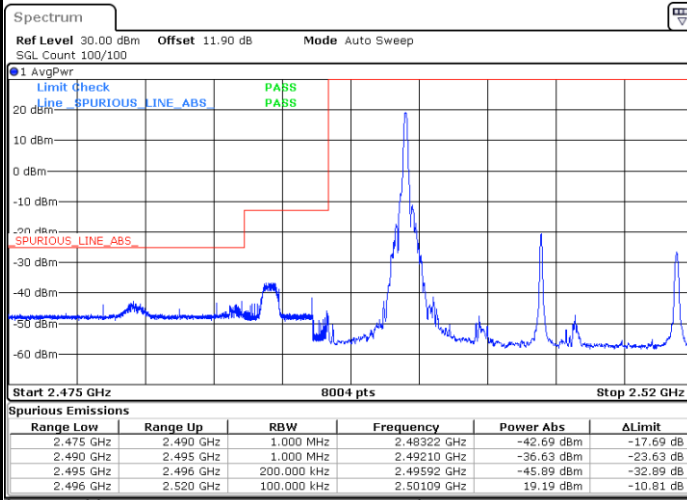


Date: 8.FEB.2018 15:10:56



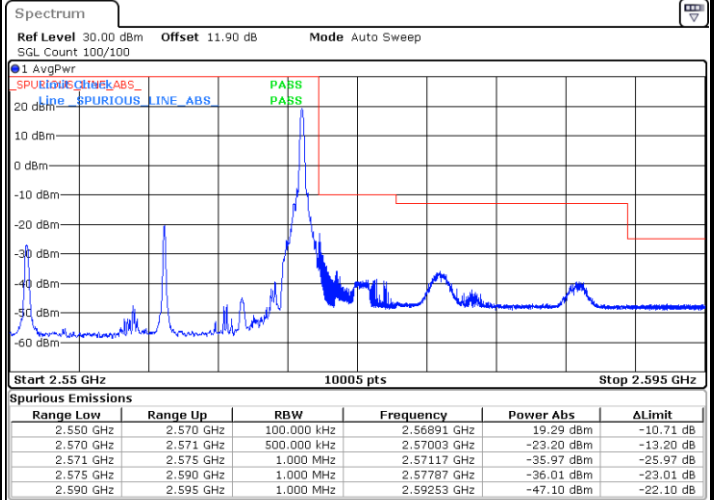
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



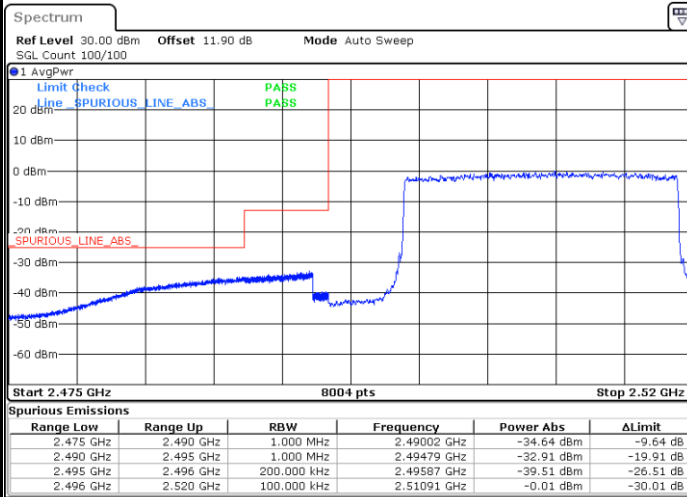
Date: 8.FEB.2018 14:59:17

Highest Band Edge / 1RB



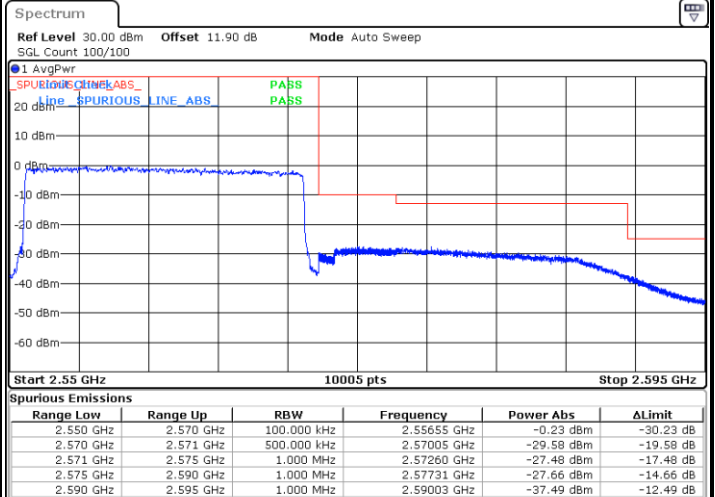
Date: 8.FEB.2018 15:00:40

Lowest Band Edge / Full RB



Date: 8.FEB.2018 15:01:34

Highest Band Edge / Full RB

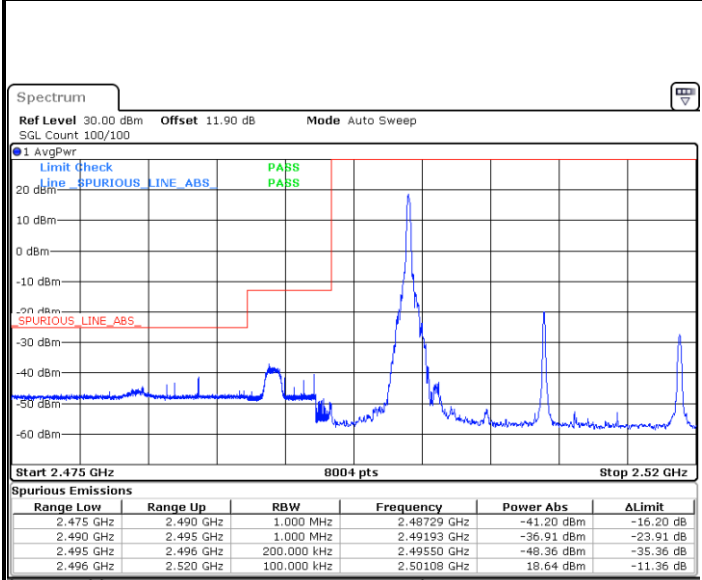


Date: 8.FEB.2018 15:09:48



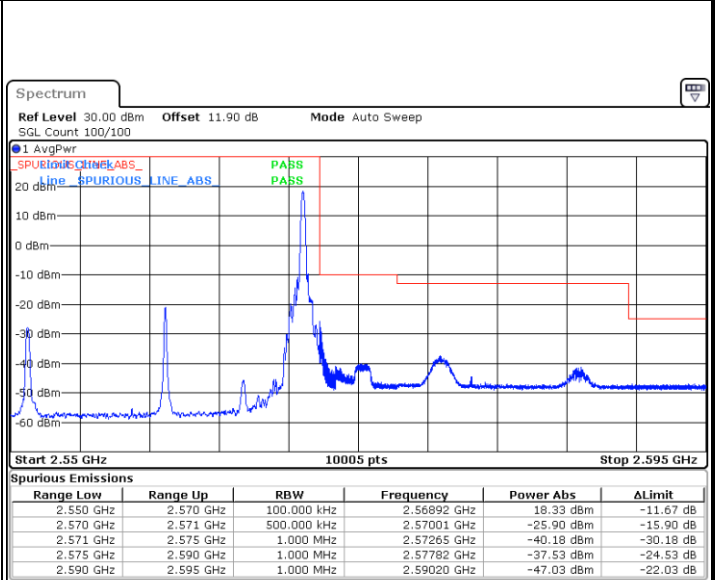
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



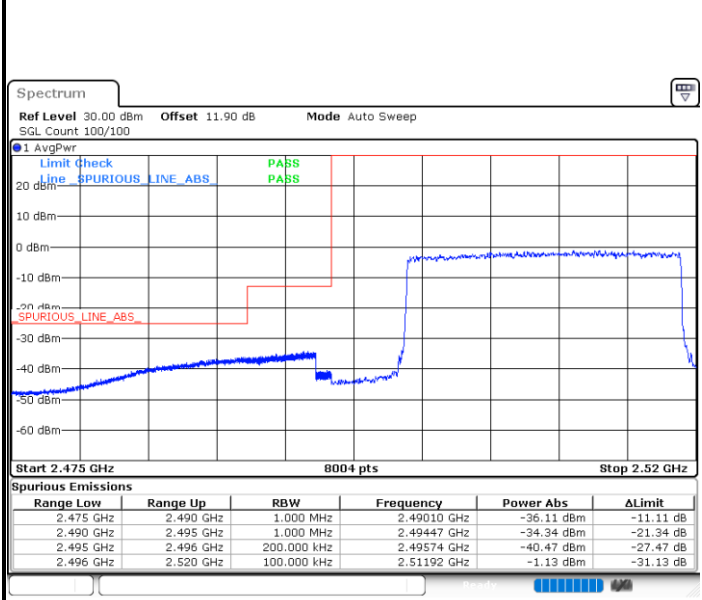
Date: 8.FEB.2018 13:58:35

Highest Band Edge / 1 RB



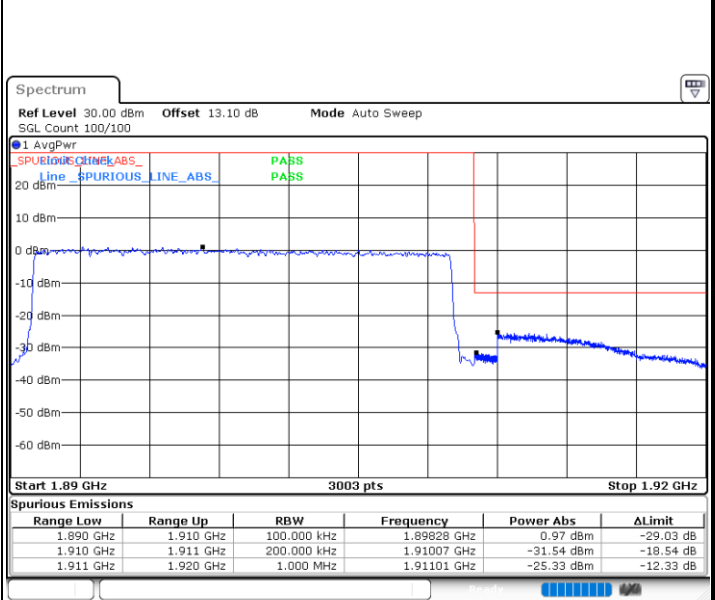
Date: 8.FEB.2018 14:03:16

Lowest Band Edge / Full RB



Date: 8.FEB.2018 13:59:43

Highest Band Edge / Full RB



Date: 8.FEB.2018 20:18:37



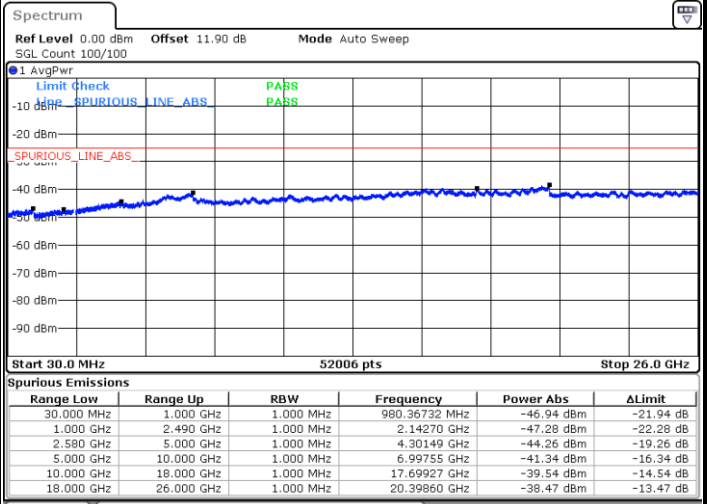
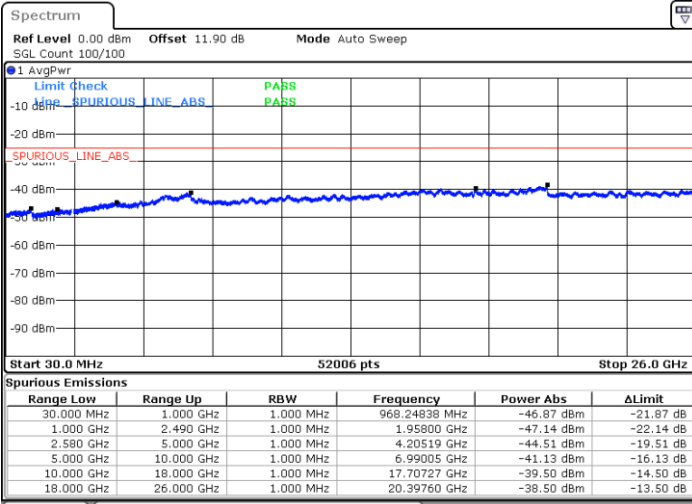
Conducted Spurious Emission



LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

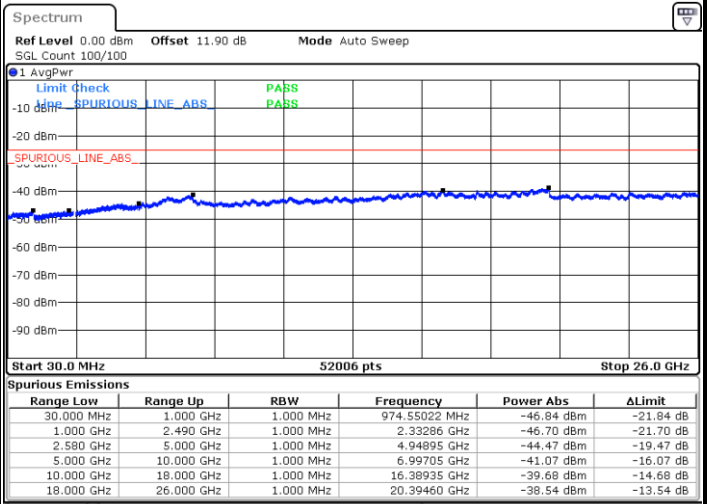
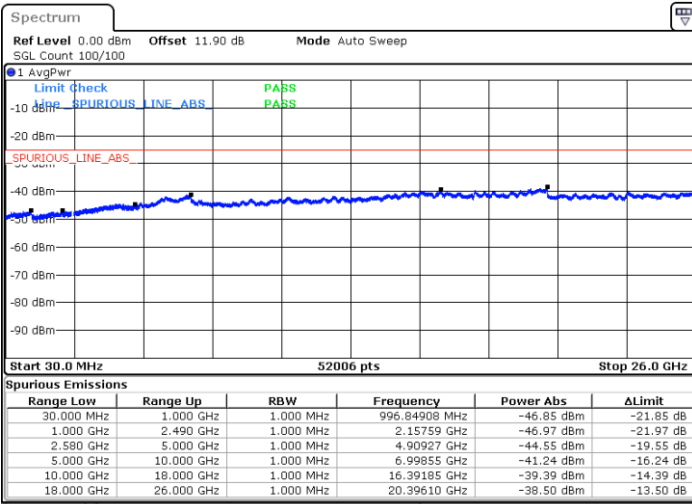


Date: 8.FEB.2018 14:13:24

Date: 8.FEB.2018 14:14:17

Middle Channel / QPSK

Middle Channel / 16QAM



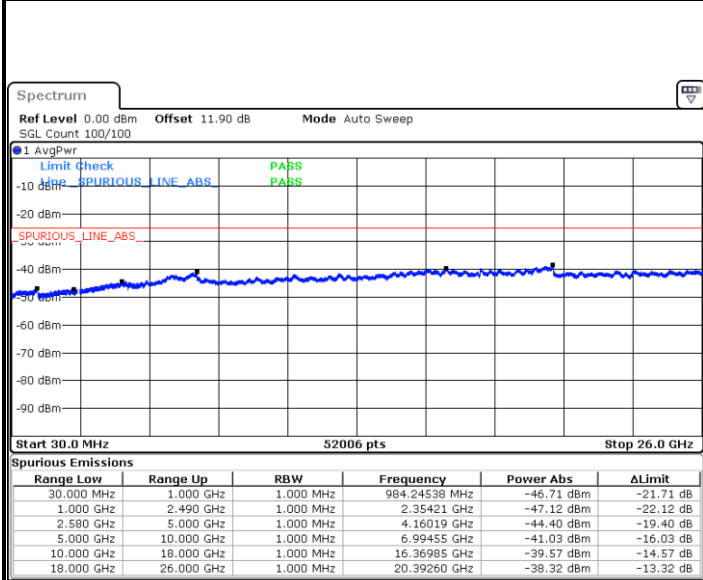
Date: 8.FEB.2018 14:15:49

Date: 8.FEB.2018 14:16:42



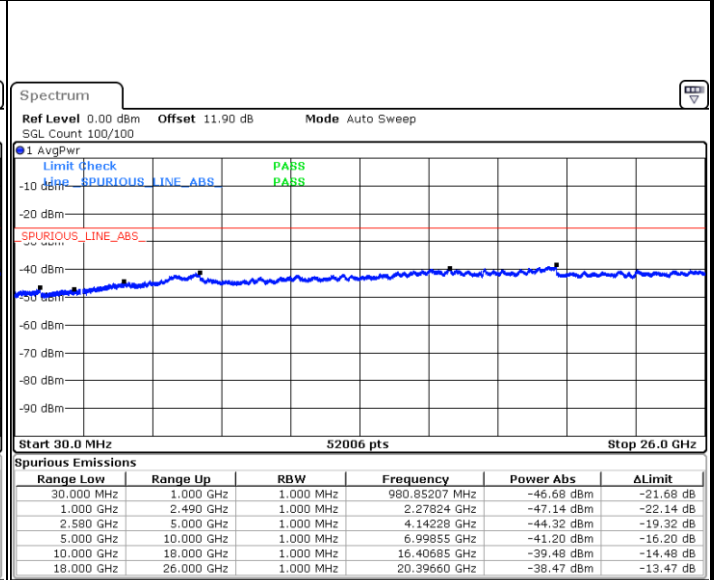
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 8.FEB.2018 14:22:47

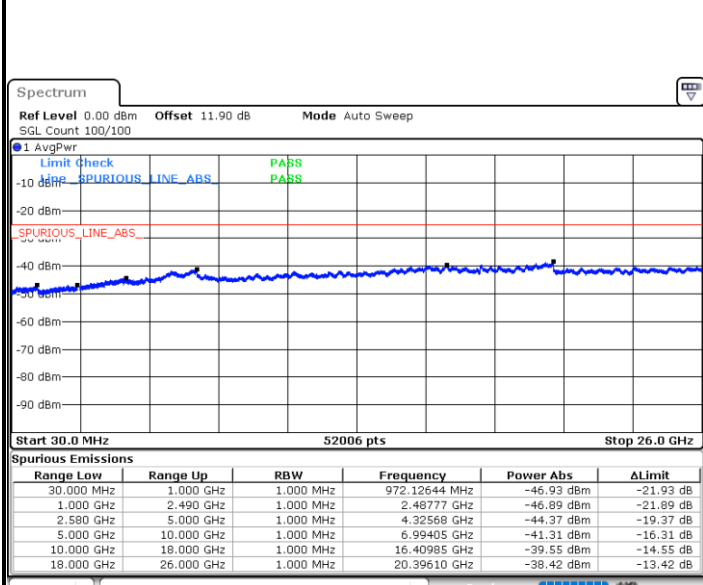
Highest Channel / 16QAM



Date: 8.FEB.2018 14:23:40

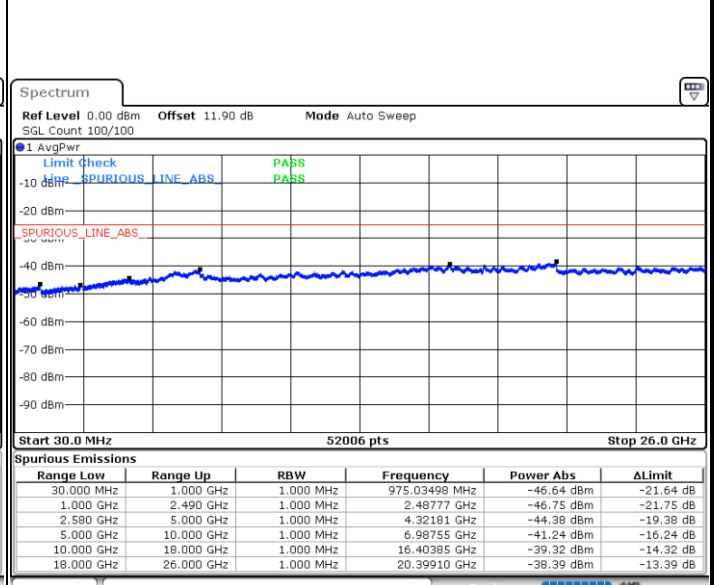
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 8.FEB.2018 14:29:45

Lowest Channel / 16QAM



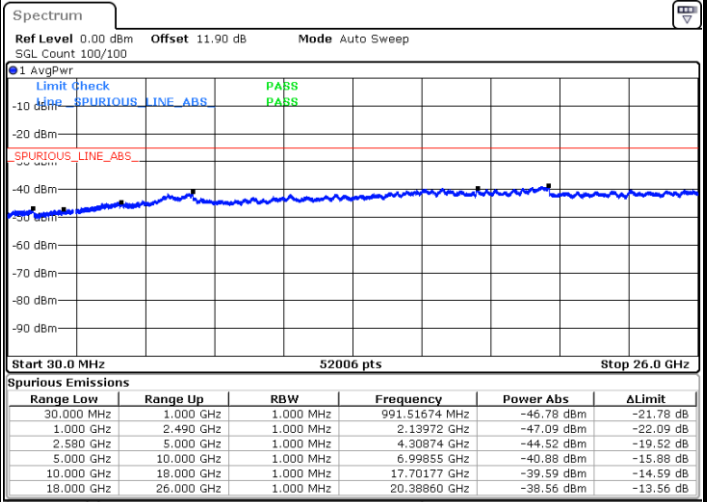
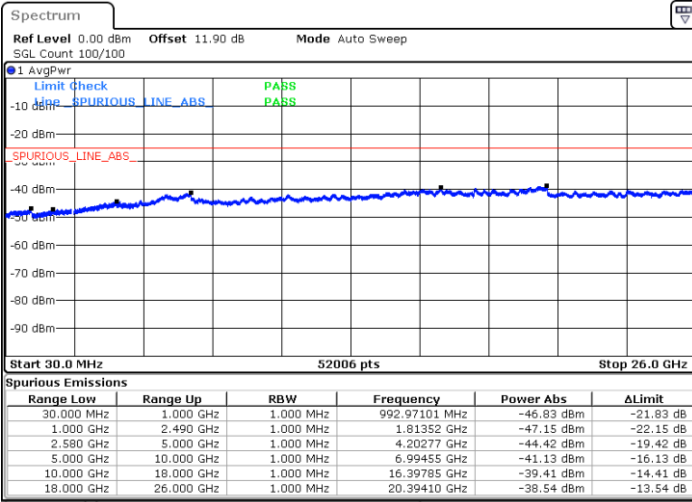
Date: 8.FEB.2018 14:30:38



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

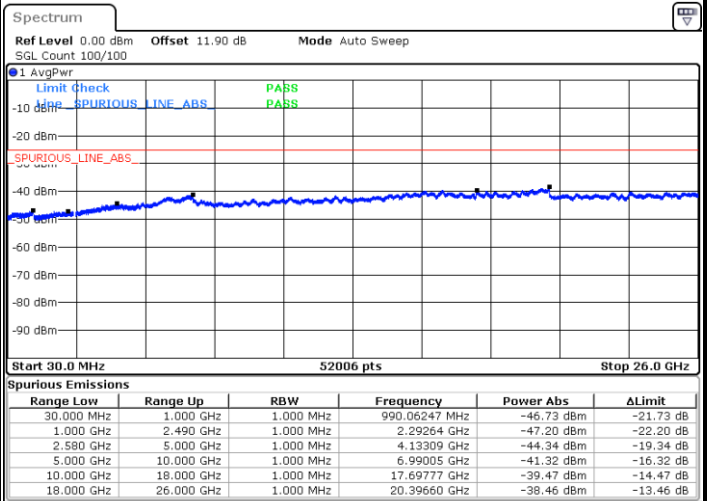
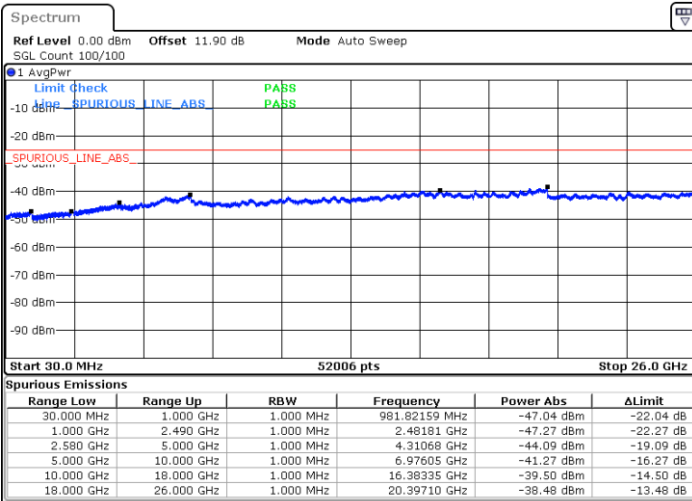


Date: 8.FEB.2018 14:32:10

Date: 8.FEB.2018 14:33:03

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.FEB.2018 14:39:08

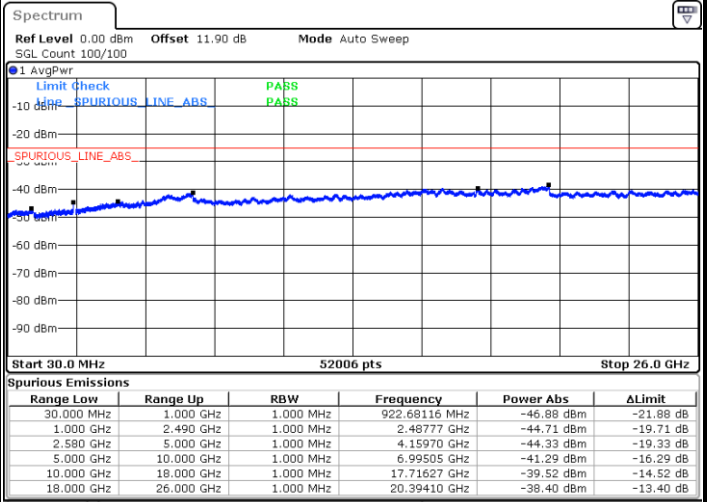
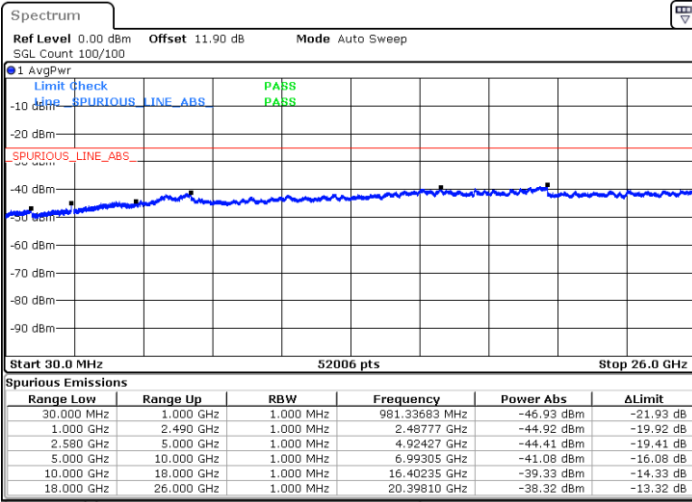
Date: 8.FEB.2018 14:40:01



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

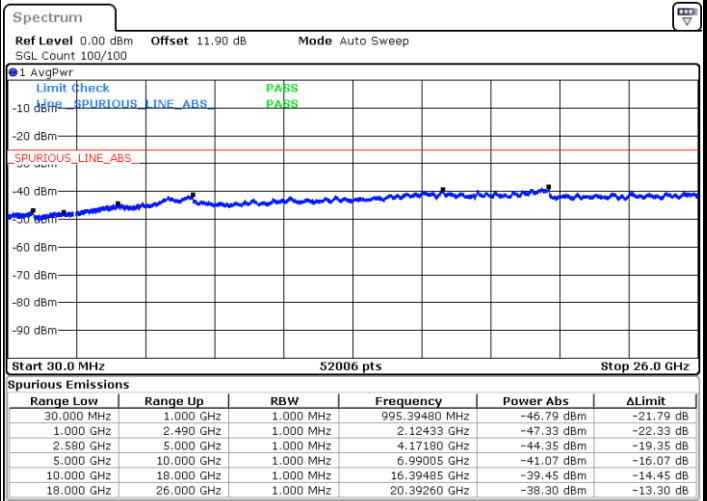
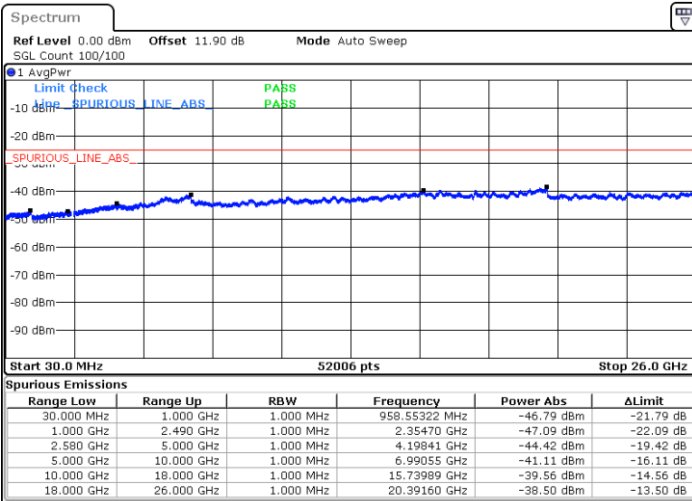


Date: 8.FEB.2018 14:46:06

Date: 8.FEB.2018 14:46:58

Middle Channel / QPSK

Middle Channel / 16QAM



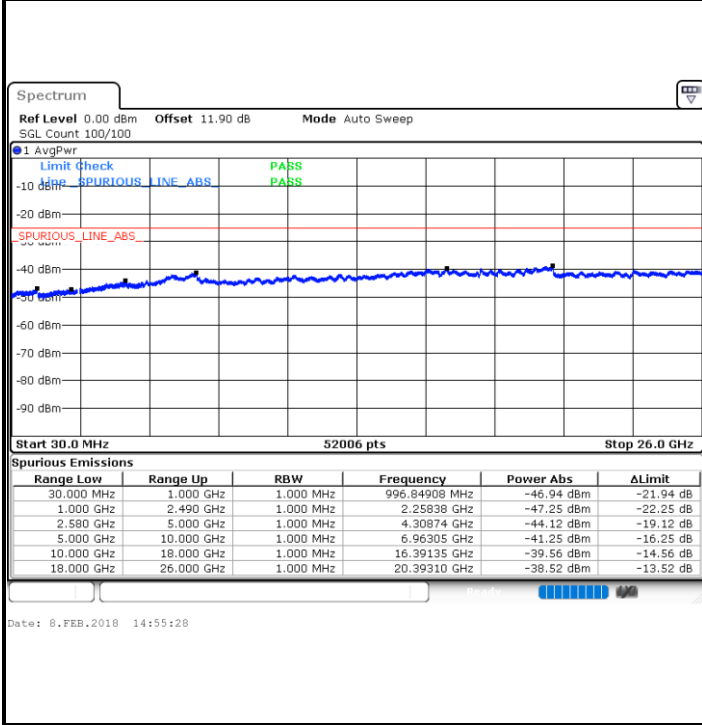
Date: 8.FEB.2018 14:48:31

Date: 8.FEB.2018 14:49:23

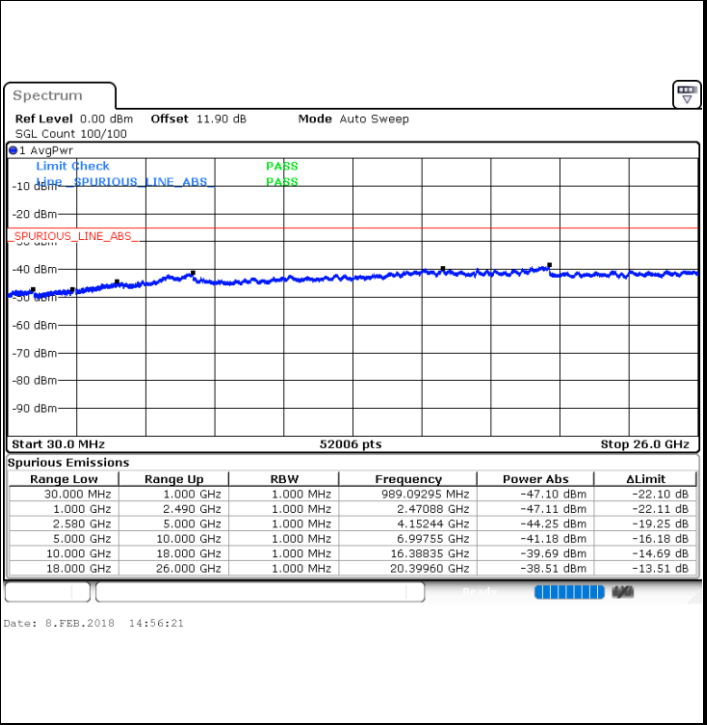


LTE Band7 / 15MHz

Highest Channel / QPSK

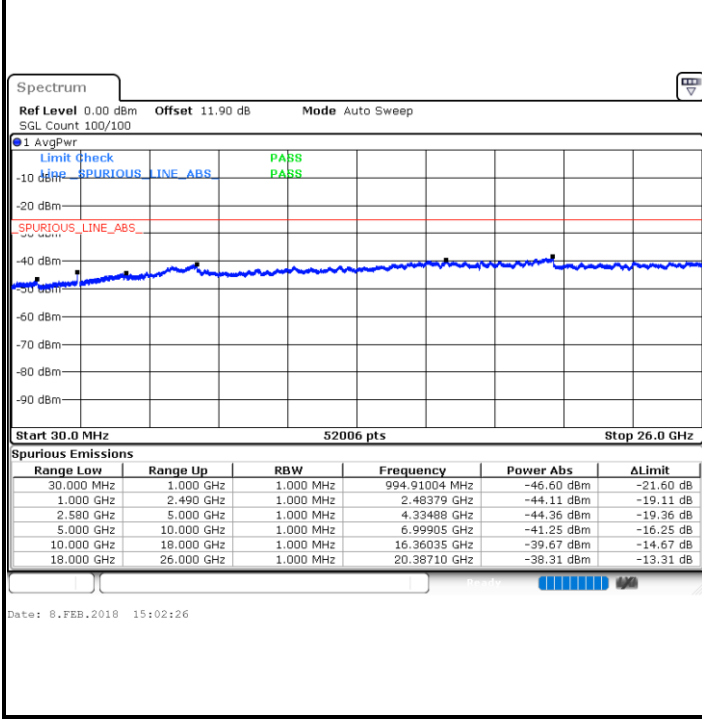


Highest Channel / 16QAM

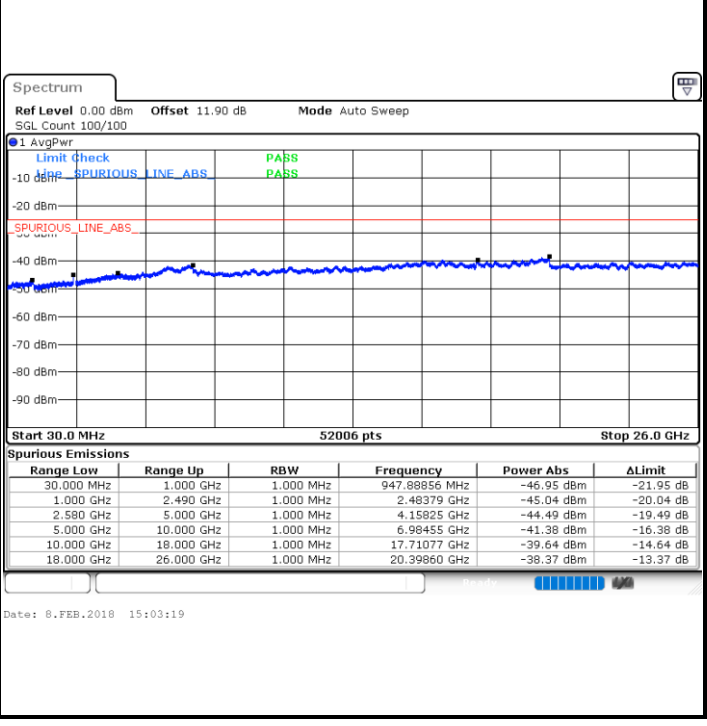


LTE Band 7 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

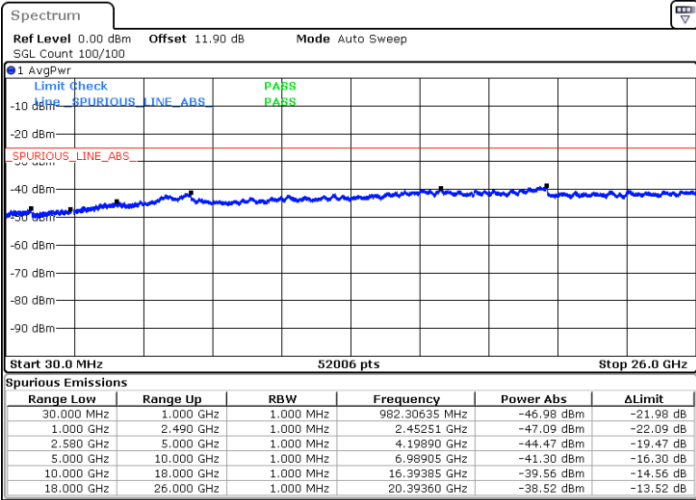




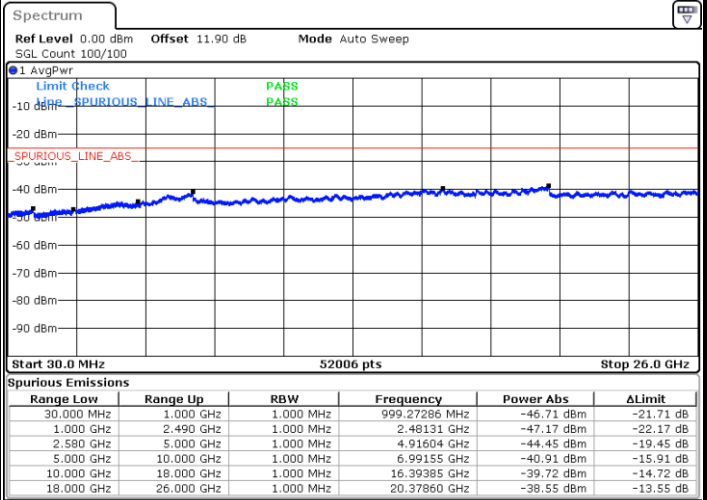
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



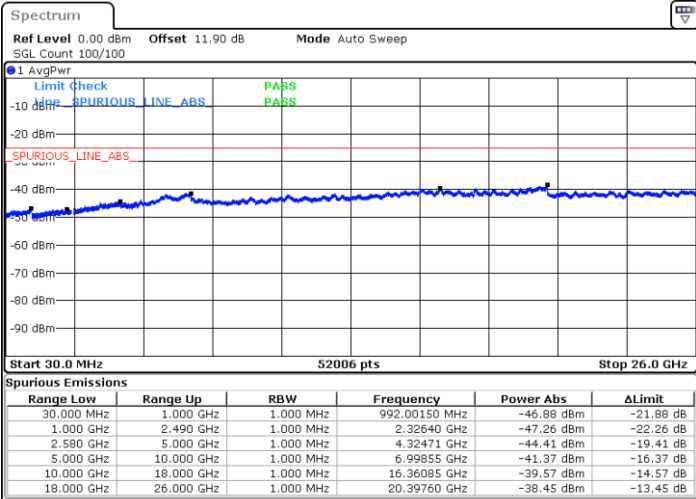
Date: 8.FEB.2018 15:04:51



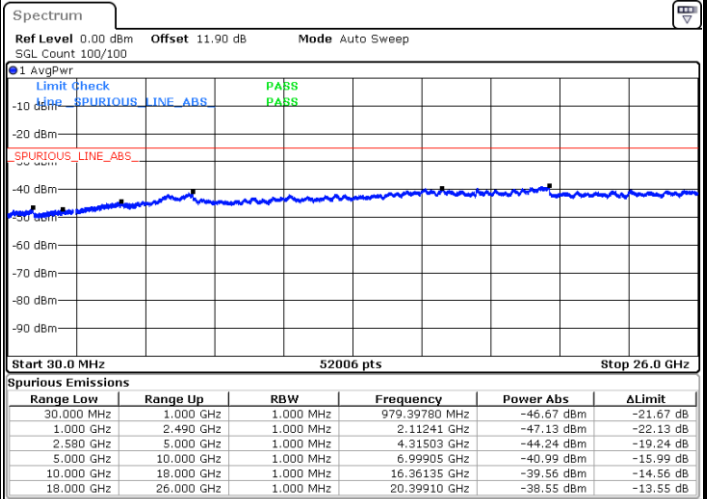
Date: 8.FEB.2018 15:05:44

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.FEB.2018 15:11:49



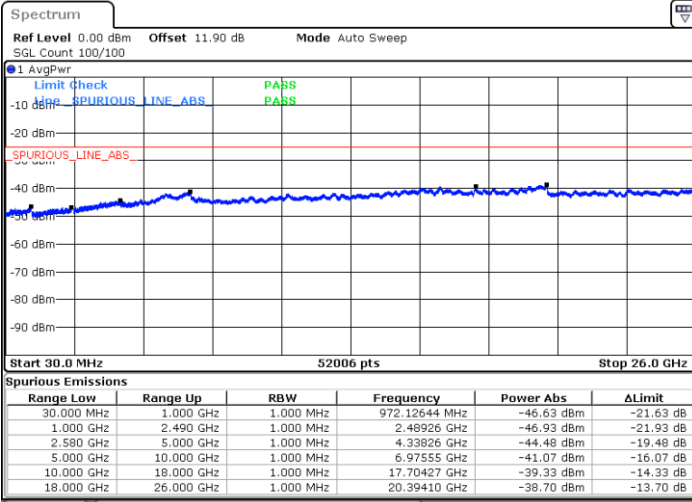
Date: 8.FEB.2018 15:12:42



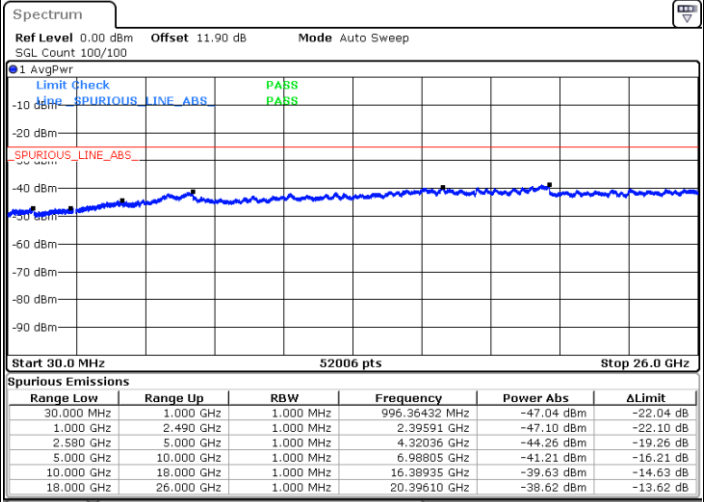
LTE Band 7 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

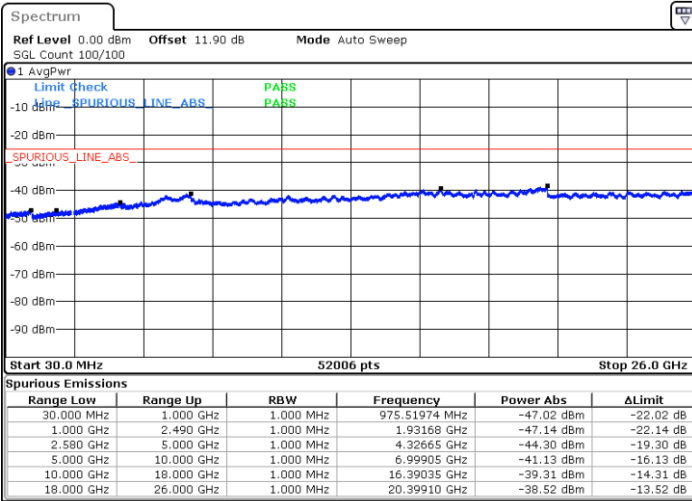


Date: 8.FEB.2018 13:36:05



Date: 8.FEB.2018 13:37:17

Highest Channel / 64QAM



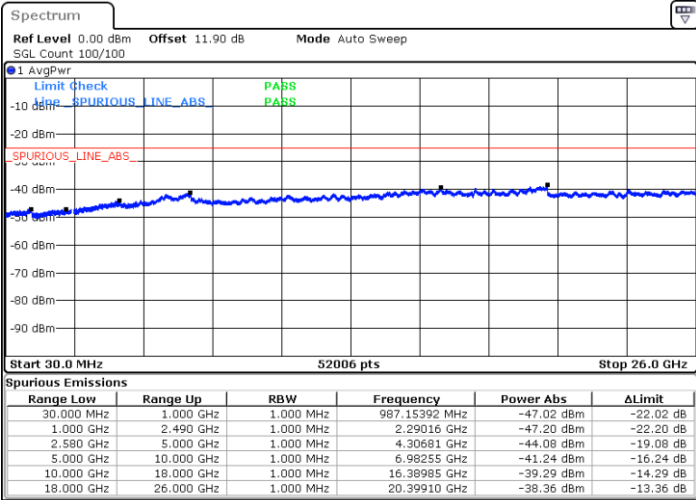
Date: 8.FEB.2018 13:40:46



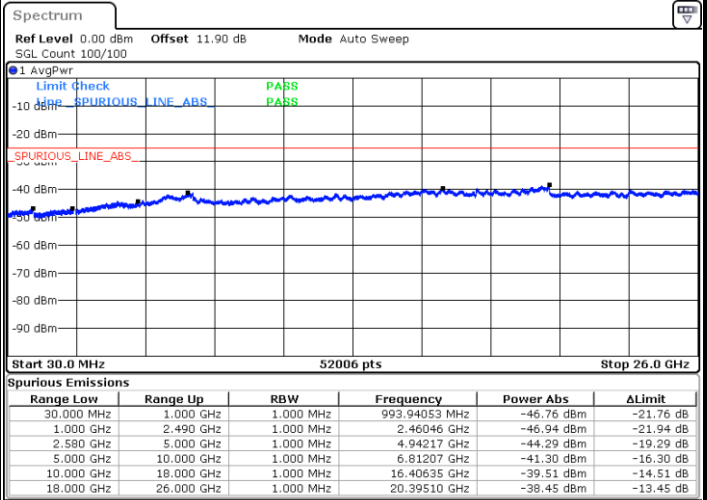
LTE Band 7 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

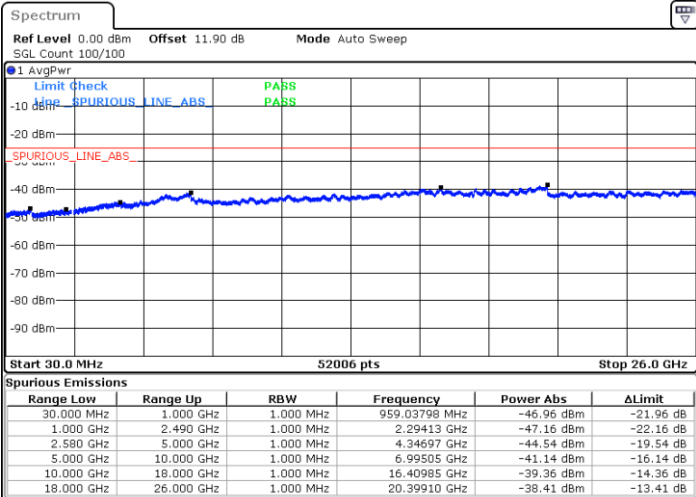


Date: 8.FEB.2018 13:44:15



Date: 8.FEB.2018 13:45:28

Highest Channel / 64QAM



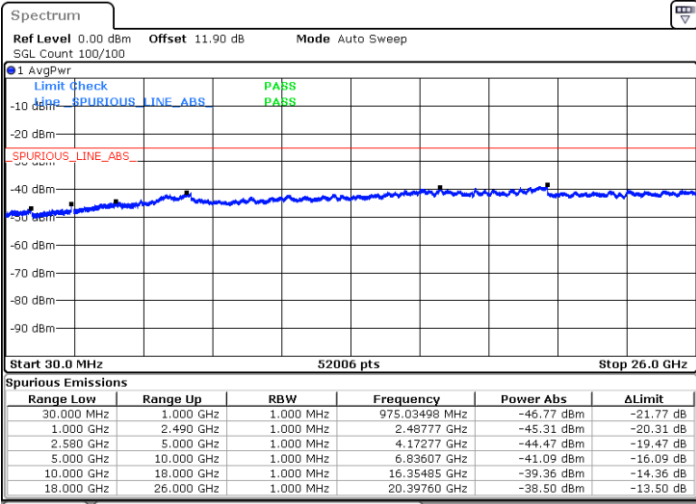
Date: 8.FEB.2018 13:48:57



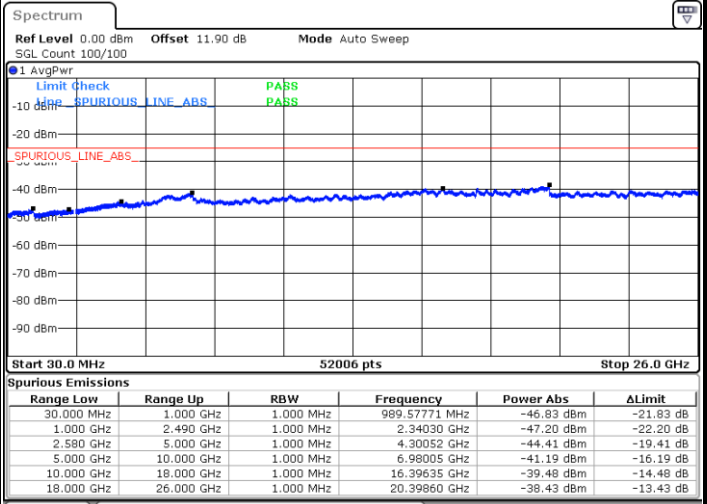
LTE Band 7 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

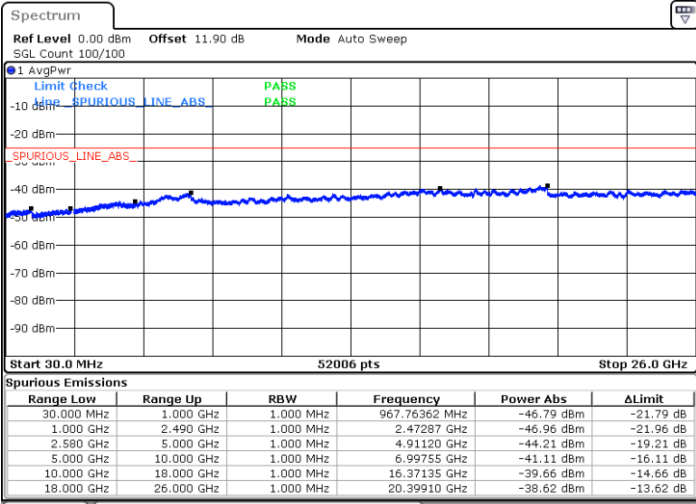


Date: 8.FEB.2018 13:52:26



Date: 8.FEB.2018 13:53:38

Highest Channel / 64QAM



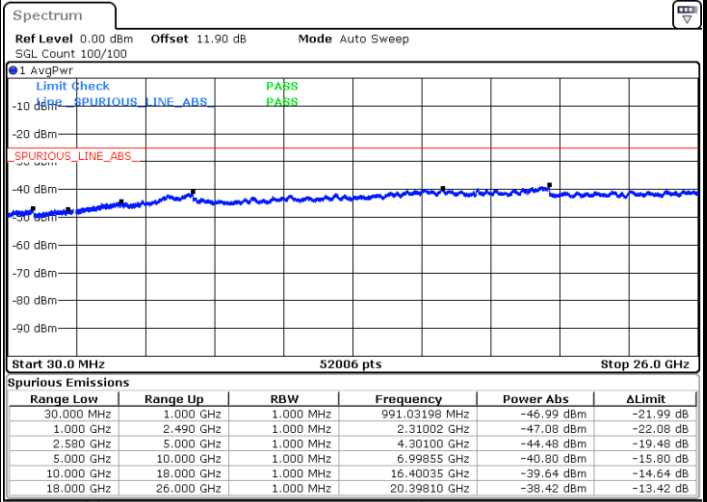
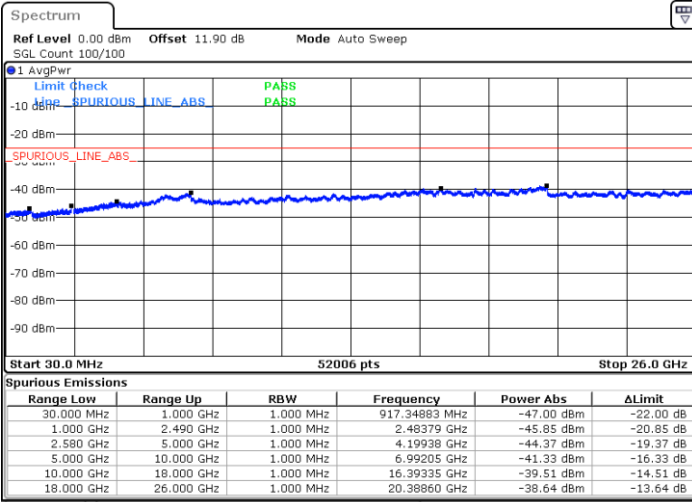
Date: 8.FEB.2018 13:57:07



LTE Band 7 / 20MHz

Lowest Channel / 64QAM

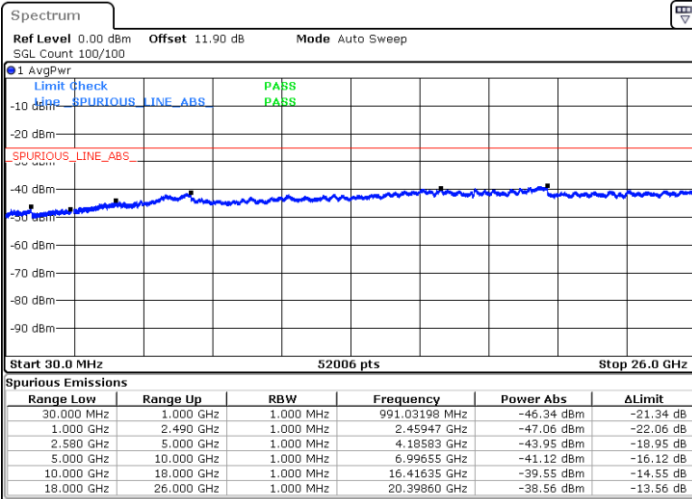
Middle Channel / 64QAM



Date: 8.FEB.2018 14:00:36

Date: 8.FEB.2018 14:01:49

Highest Channel / 64QAM



Date: 8.FEB.2018 14:05:18



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.38 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 22H

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.72	4.96	5.86	PASS
Middle CH	3.59	4.64	5.04	5.8	
Highest CH	3.48	4.7	4.81	5.83	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	5.51	6.43	-	-	PASS
Middle CH	6.41	6.29	-	-	
Highest CH	5.94	6.23	-	-	