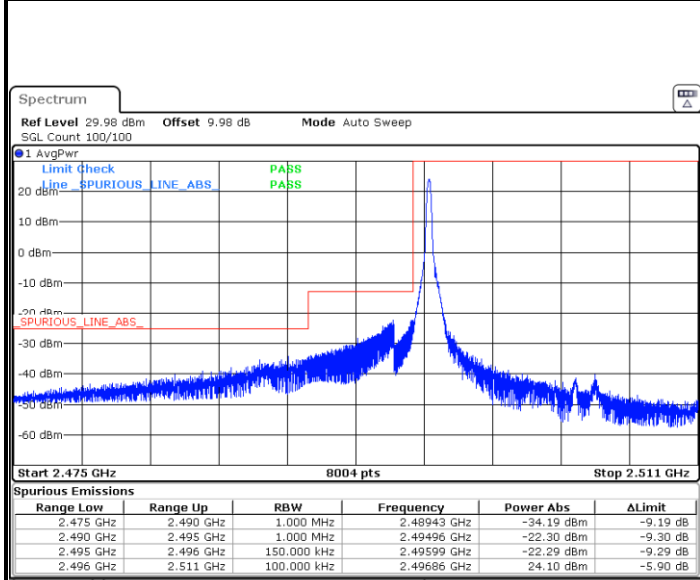




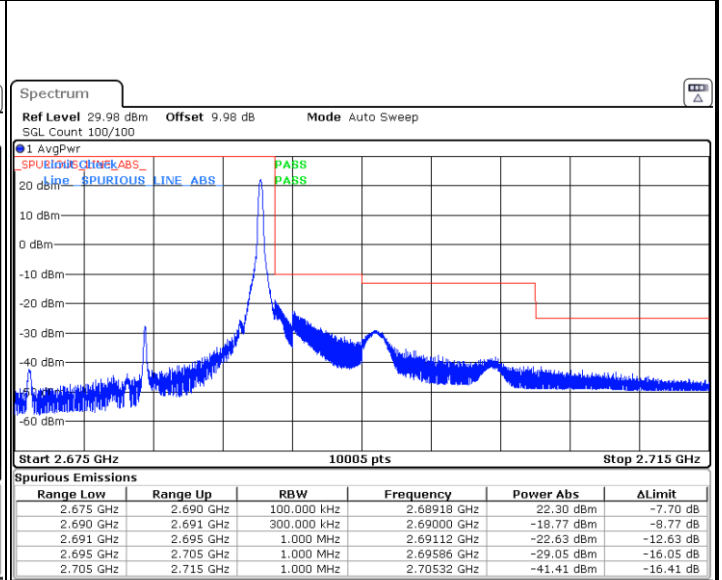
**LTE Band 41 / 15MHz / 16QAM**

**Lowest Band Edge / 1 RB**



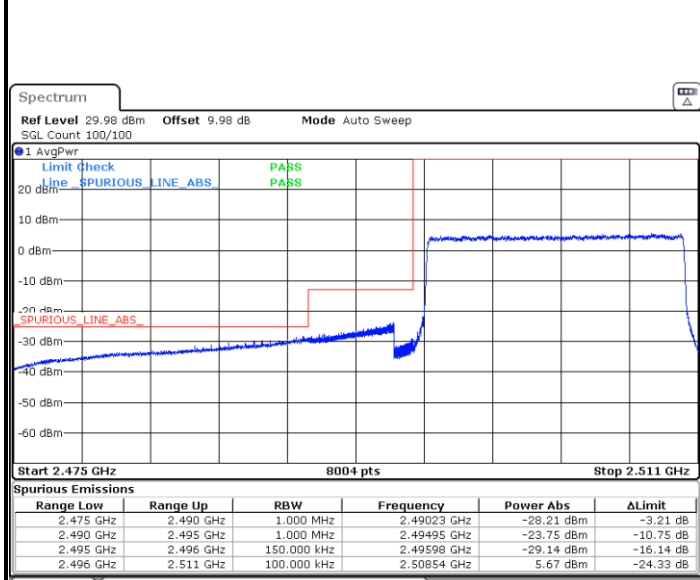
Date: 9.SEP.2021 14:17:43

**Highest Band Edge / 1 RB**



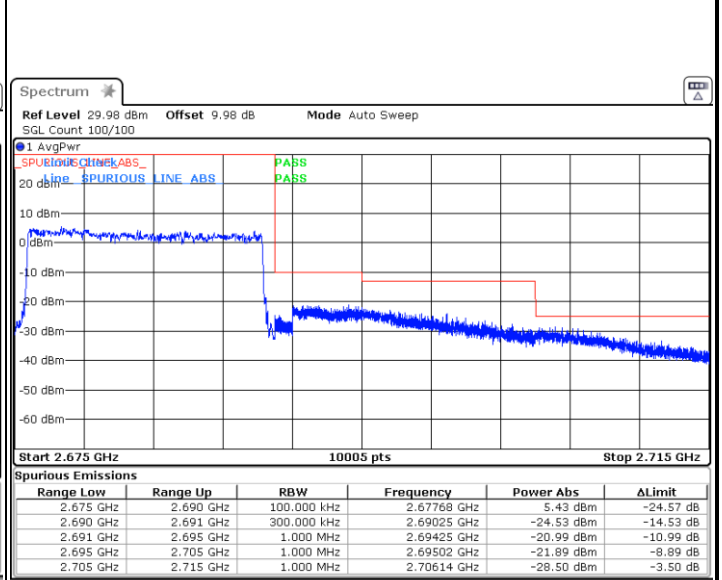
Date: 9.SEP.2021 14:20:26

**Lowest Band Edge / Full RB**



Date: 9.SEP.2021 15:30:46

**Highest Band Edge / Full RB**

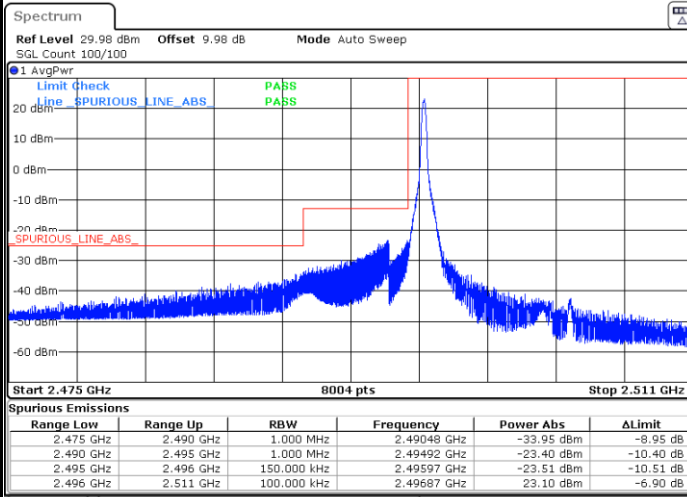


Date: 9.SEP.2021 15:33:33



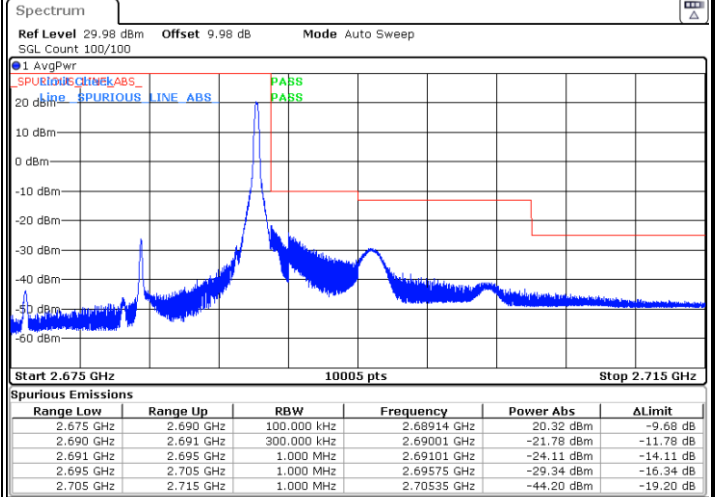
LTE Band 41/ 15MHz / 64QAM

Lowest Band Edge / 1 RB



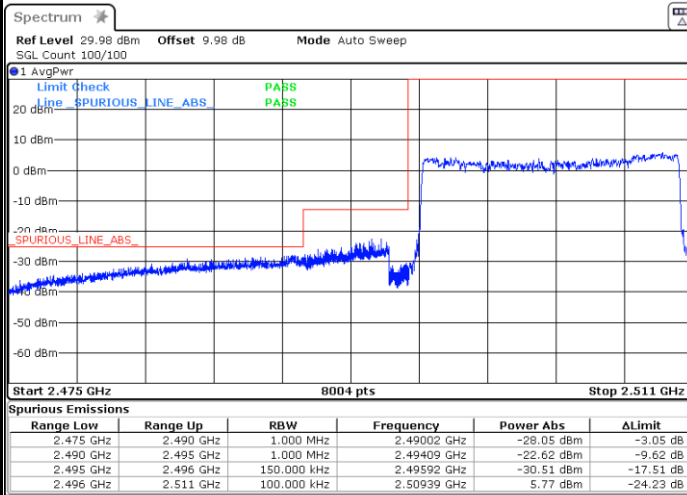
Date: 9.SEP.2021 14:44:03

Highest Band Edge / 1 RB



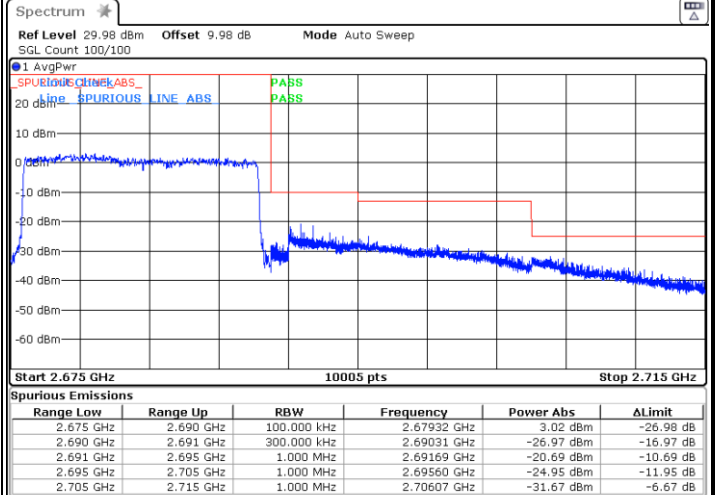
Date: 9.SEP.2021 14:46:48

Lowest Band Edge / Full RB



Date: 9.SEP.2021 15:31:32

Highest Band Edge / Full RB

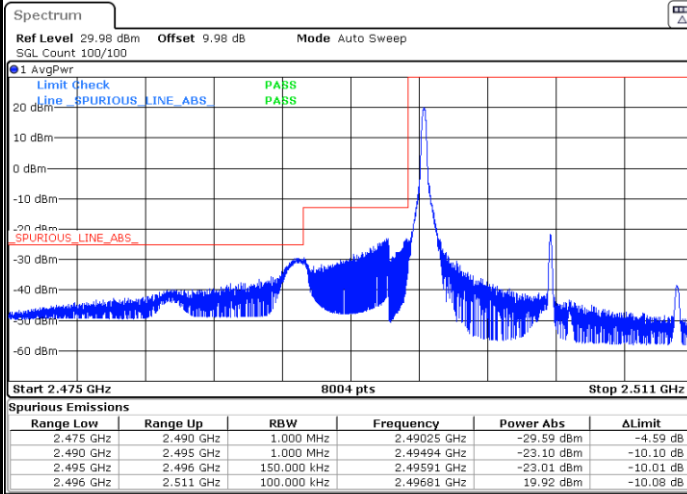


Date: 9.SEP.2021 15:34:04



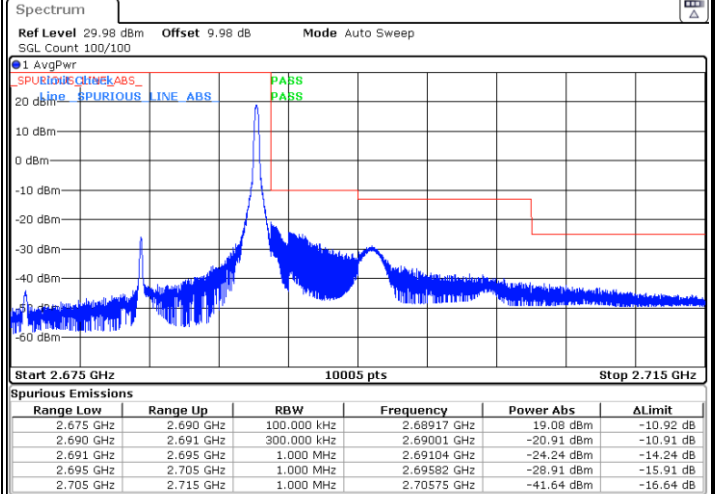
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



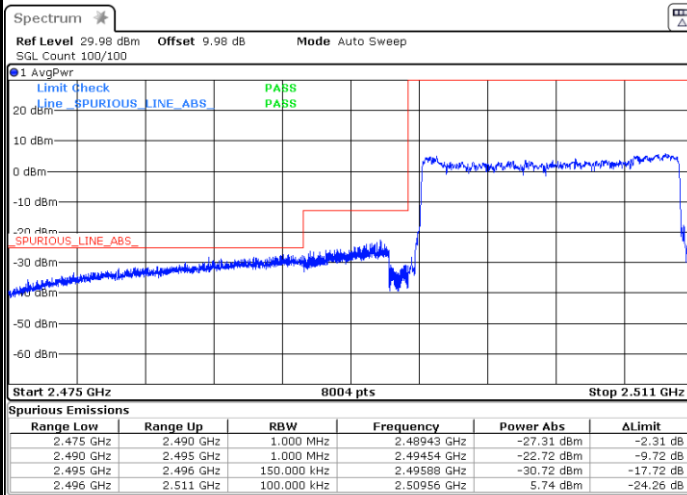
Date: 9.SEP.2021 14:45:26

Highest Band Edge / 1 RB



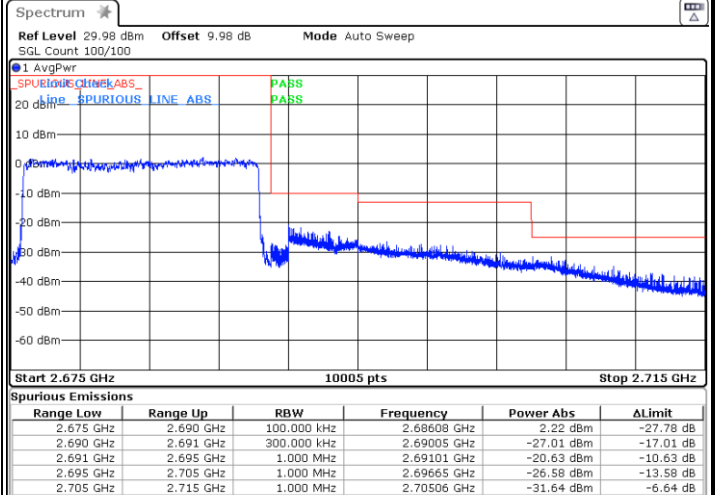
Date: 9.SEP.2021 14:46:09

Lowest Band Edge / Full RB



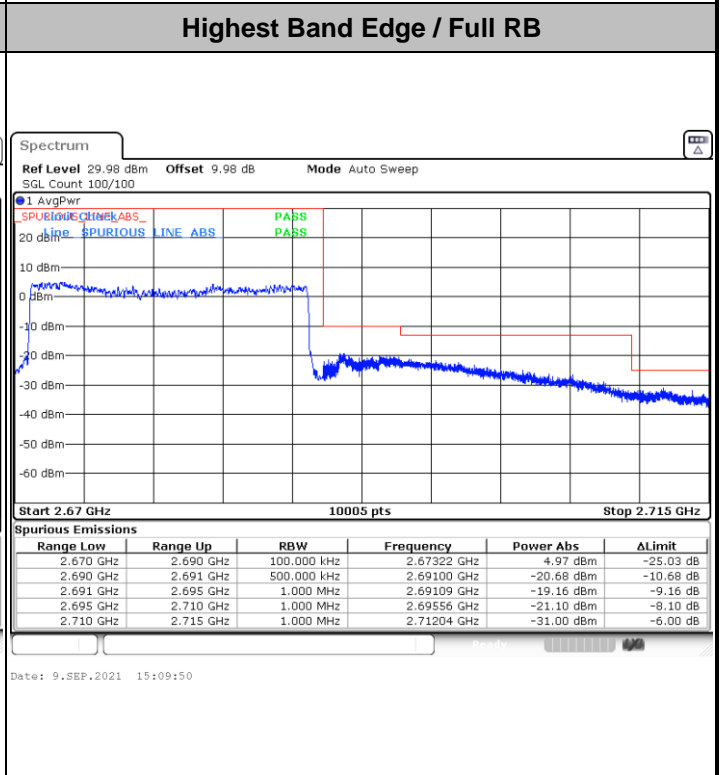
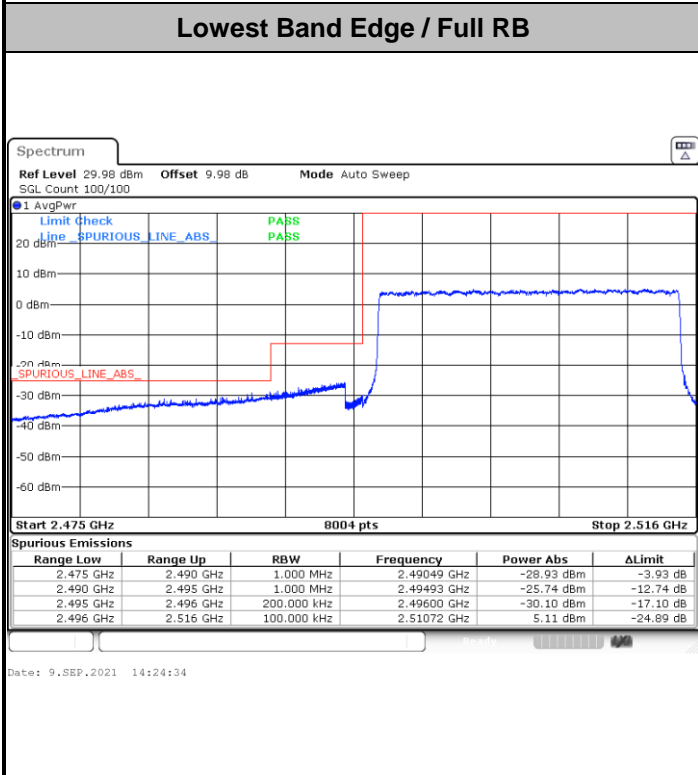
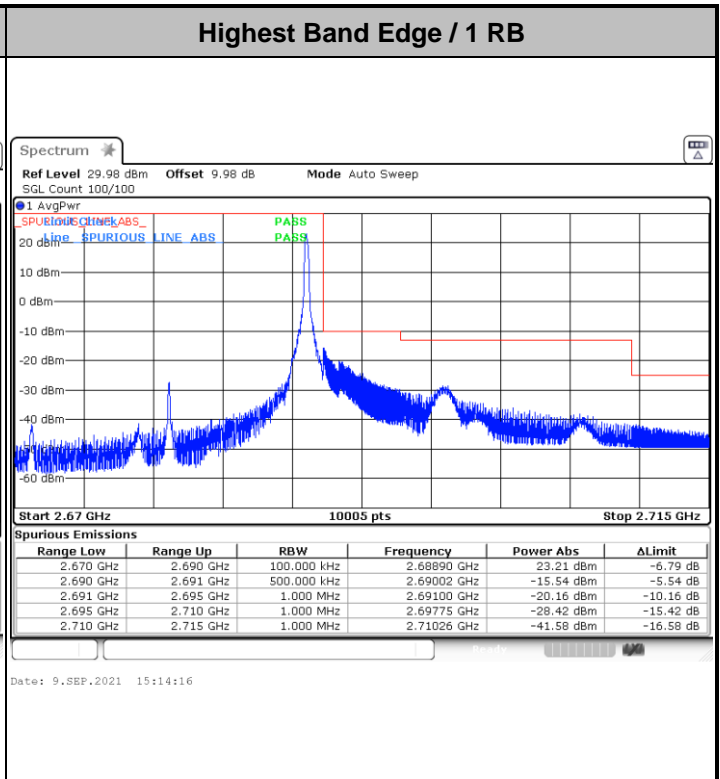
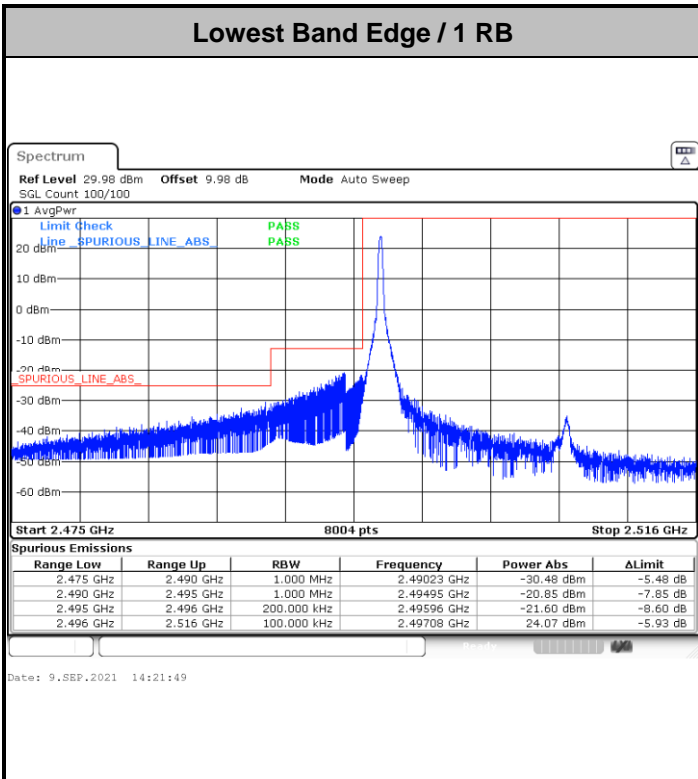
Date: 9.SEP.2021 15:31:56

Highest Band Edge / Full RB



Date: 9.SEP.2021 15:34:33

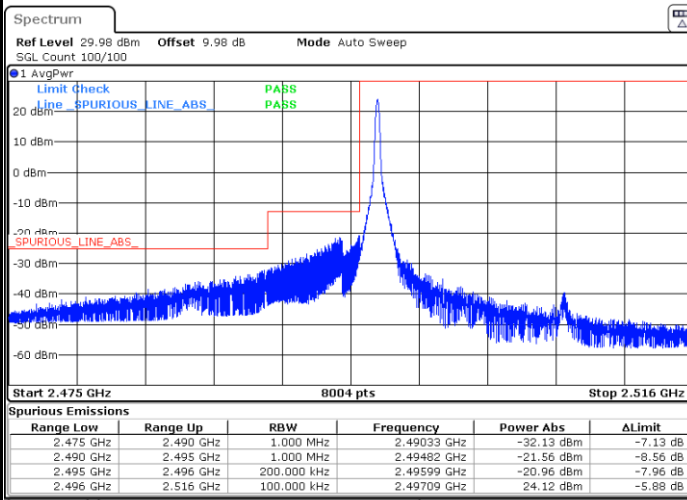
LTE Band 41 / 20MHz / QPSK





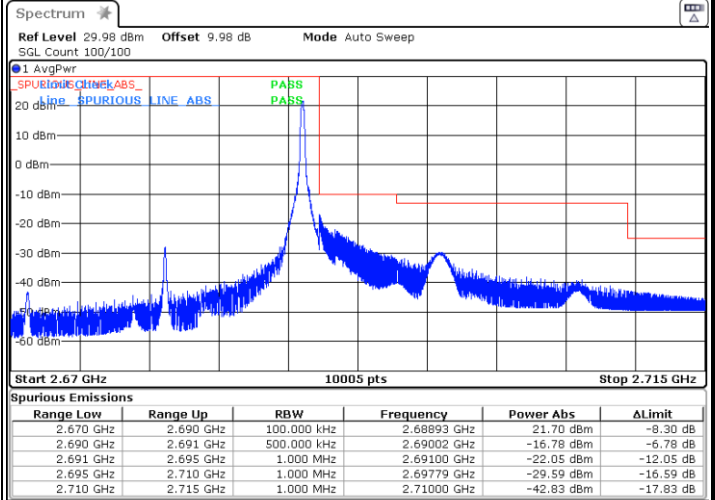
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



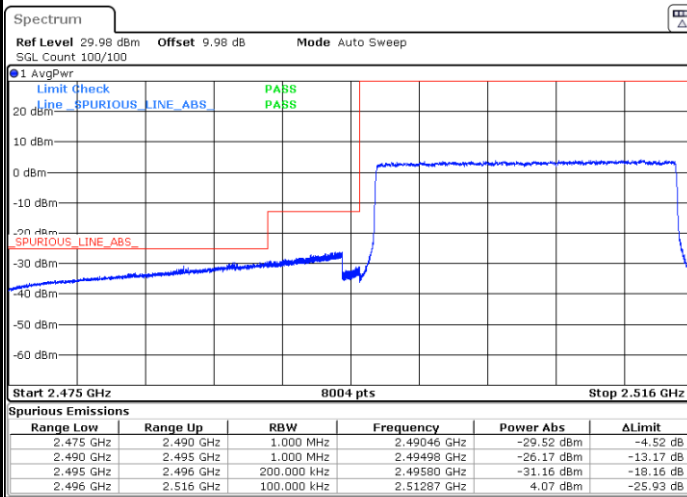
Date: 9.SEP.2021 14:23:11

Highest Band Edge / 1 RB



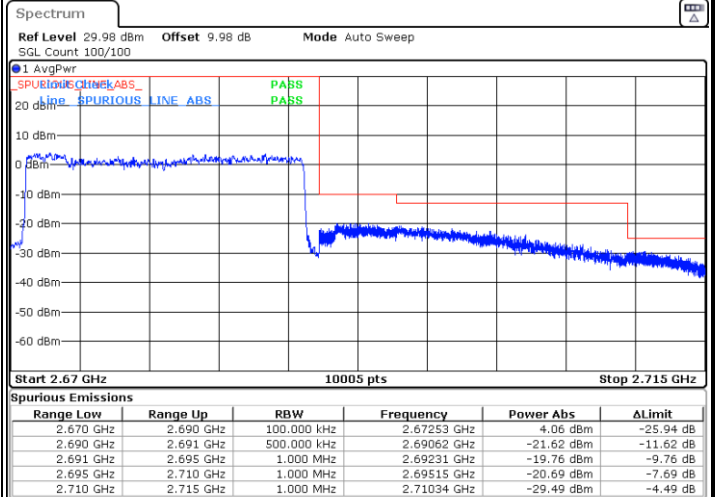
Date: 9.SEP.2021 15:19:52

Lowest Band Edge / Full RB



Date: 9.SEP.2021 14:25:56

Highest Band Edge / Full RB

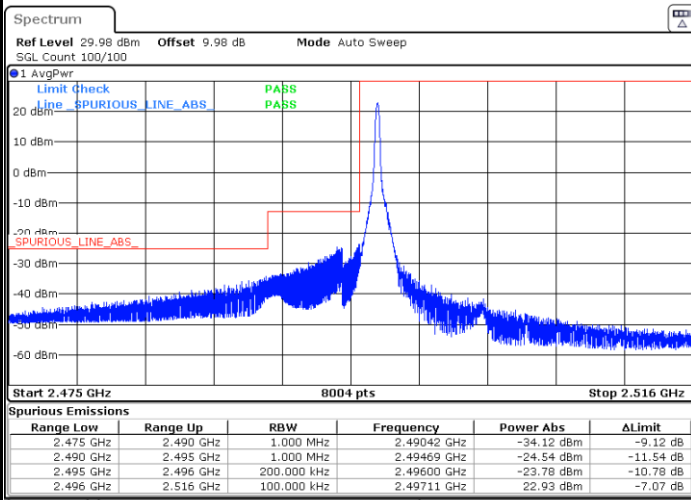


Date: 9.SEP.2021 15:10:25



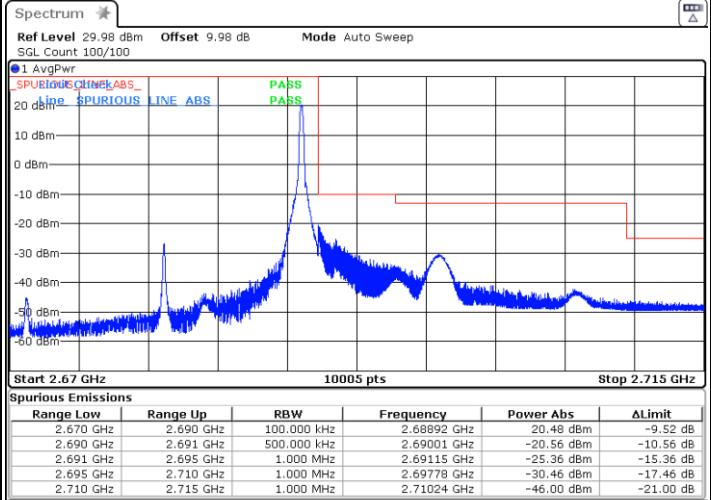
LTE Band 41/ 20MHz / 64QAM

Lowest Band Edge / 1 RB



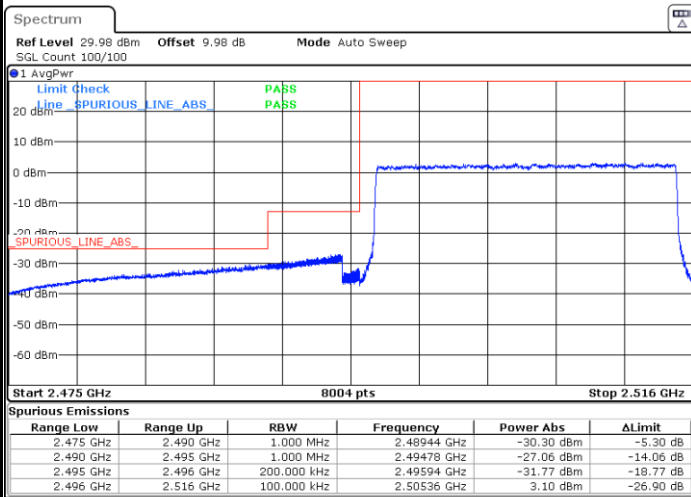
Date: 9.SEP.2021 14:50:25

Highest Band Edge / 1 RB



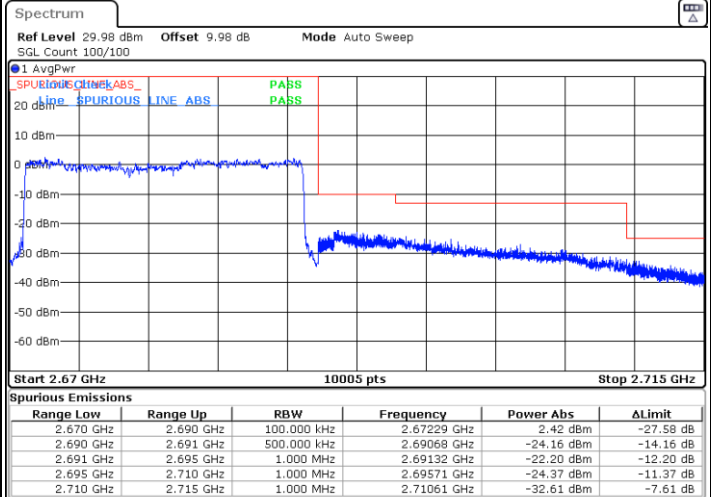
Date: 9.SEP.2021 15:16:57

Lowest Band Edge / Full RB



Date: 9.SEP.2021 15:02:26

Highest Band Edge / Full RB



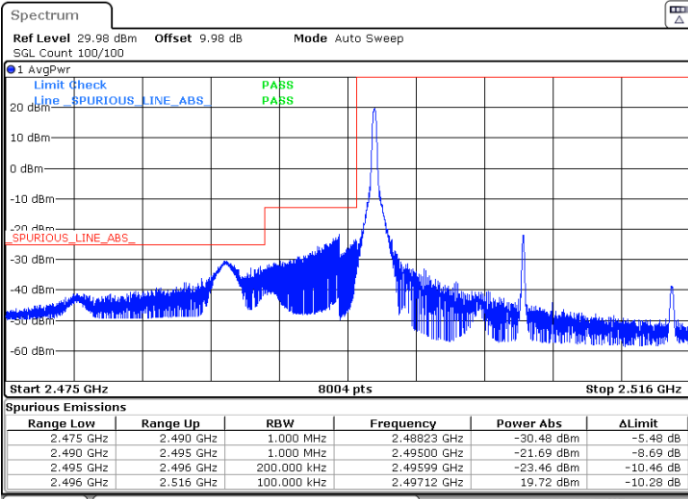
Date: 9.SEP.2021 15:09:15



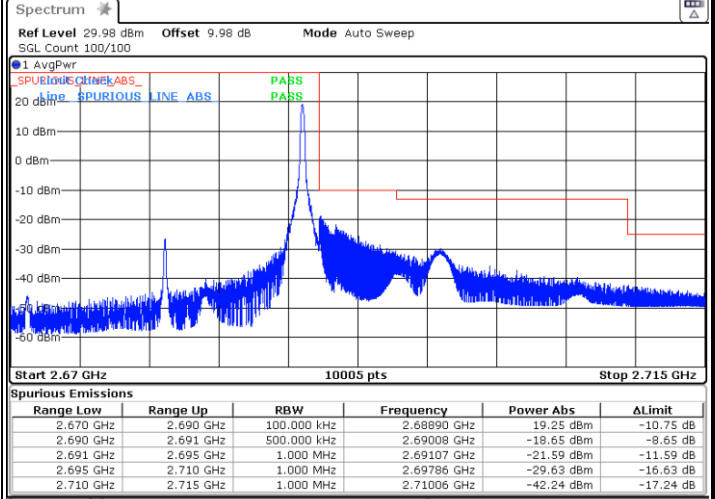
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



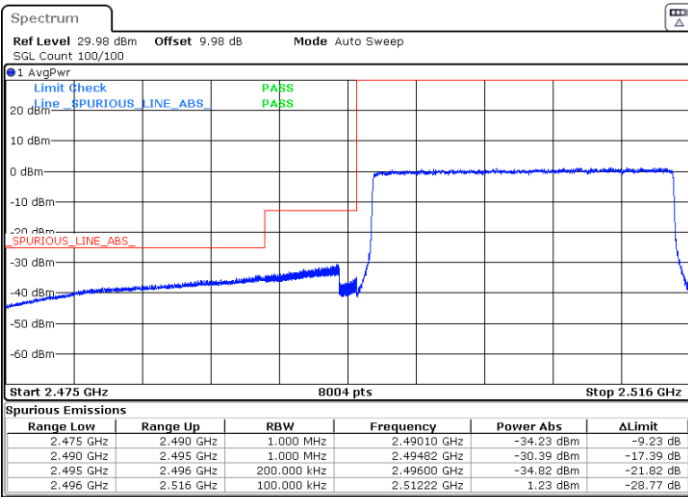
Date: 9.SEP.2021 14:51:47



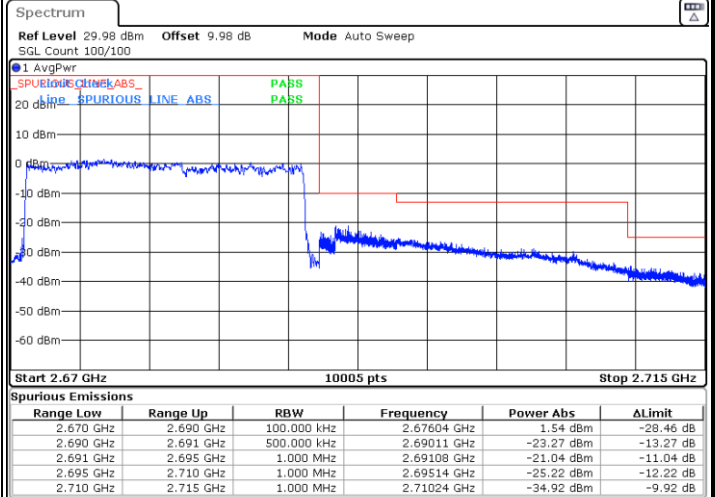
Date: 9.SEP.2021 15:18:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.SEP.2021 15:03:36

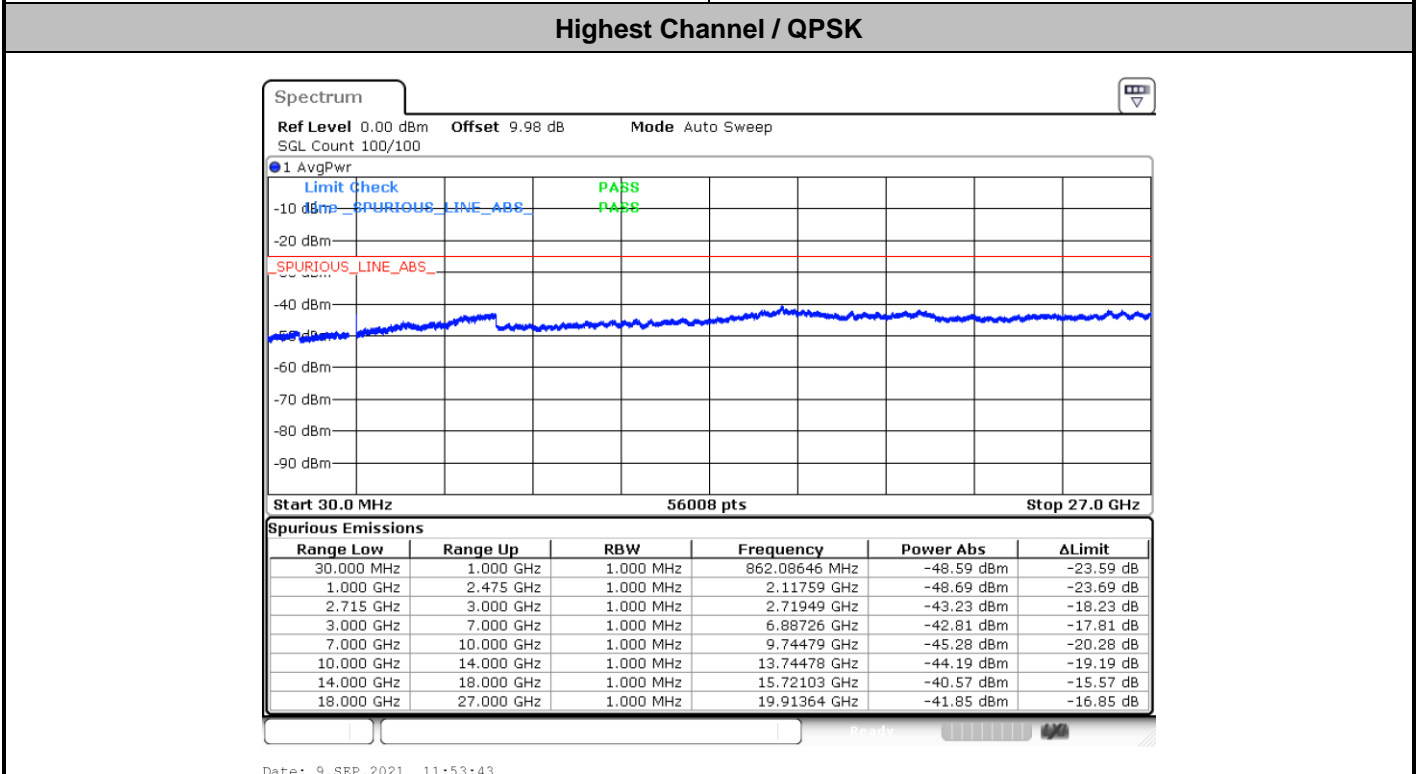
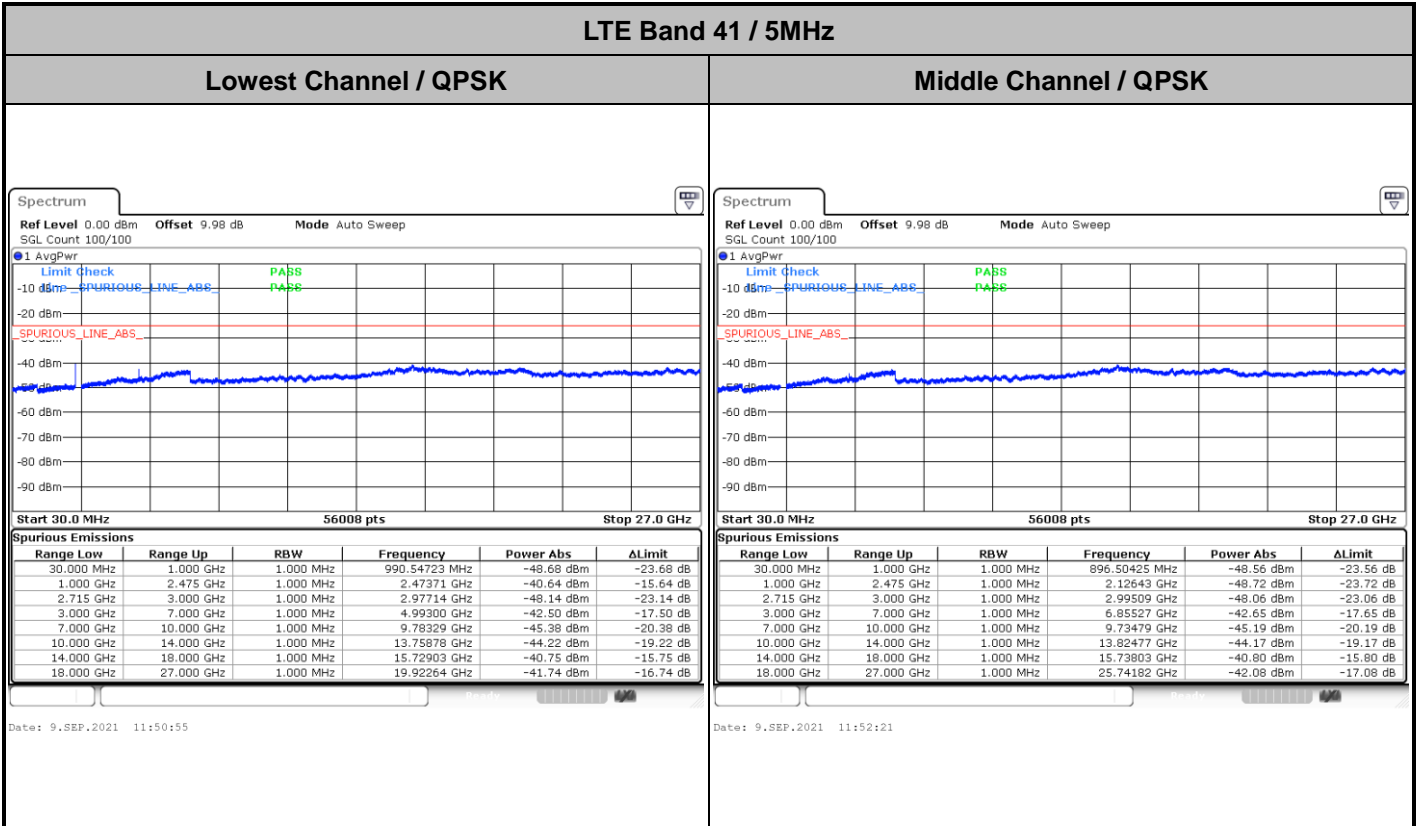


Date: 9.SEP.2021 15:11:10





# Conducted Spurious Emission



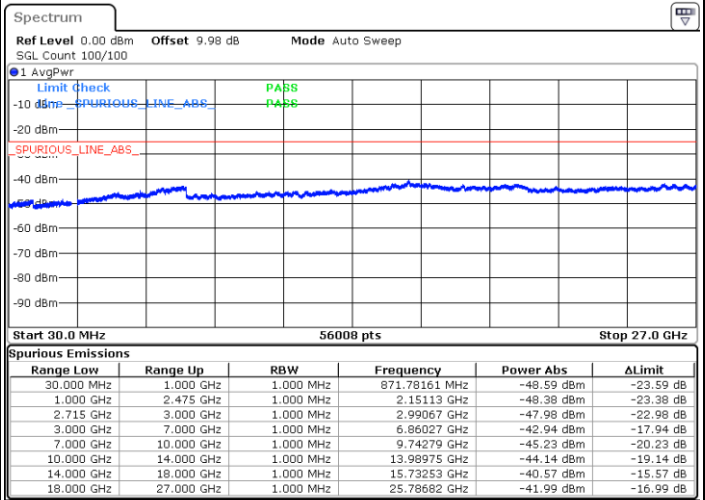
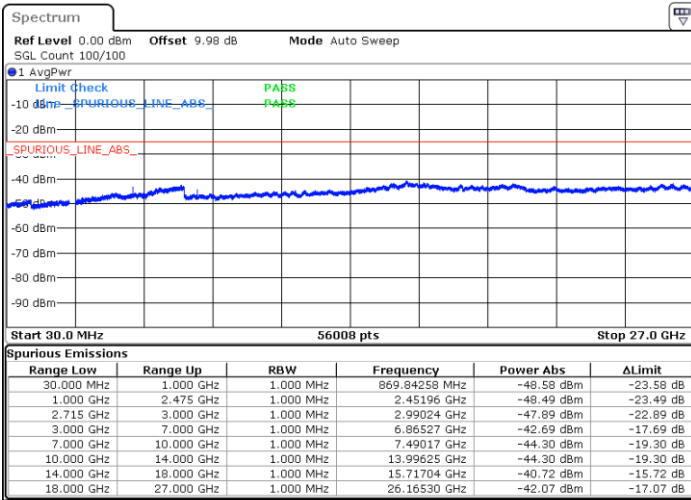




LTE Band 41/ 10MHz

Lowest Channel / QPSK

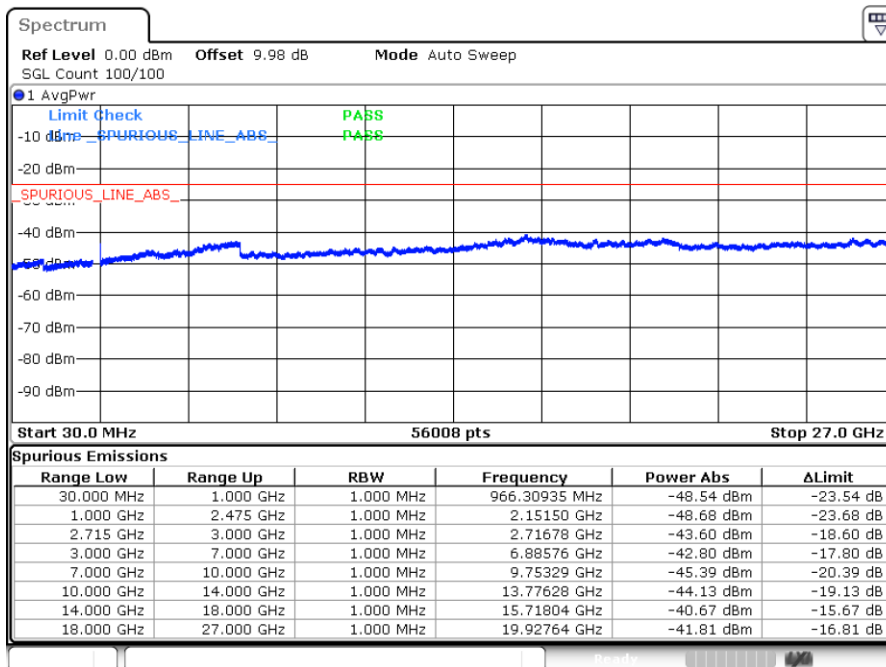
Middle Channel / QPSK



Date: 9.SEP.2021 11:55:07

Date: 9.SEP.2021 11:56:29

Highest Channel / QPSK



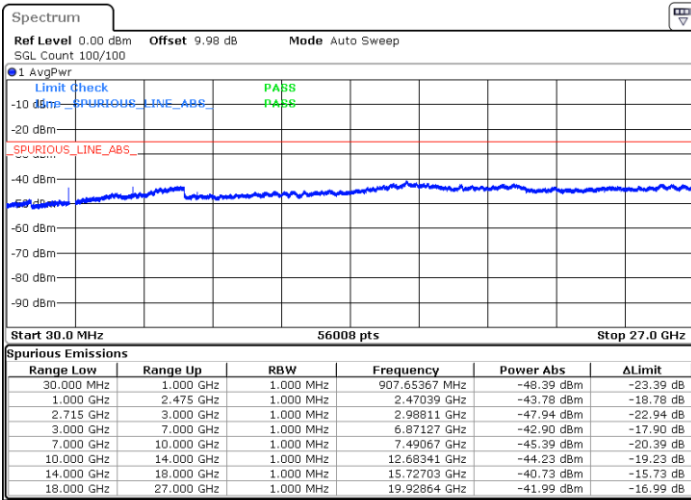
Date: 9.SEP.2021 11:57:52



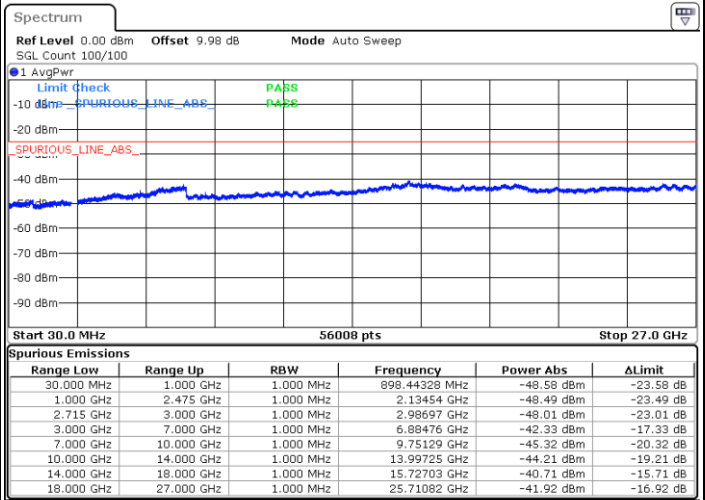
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

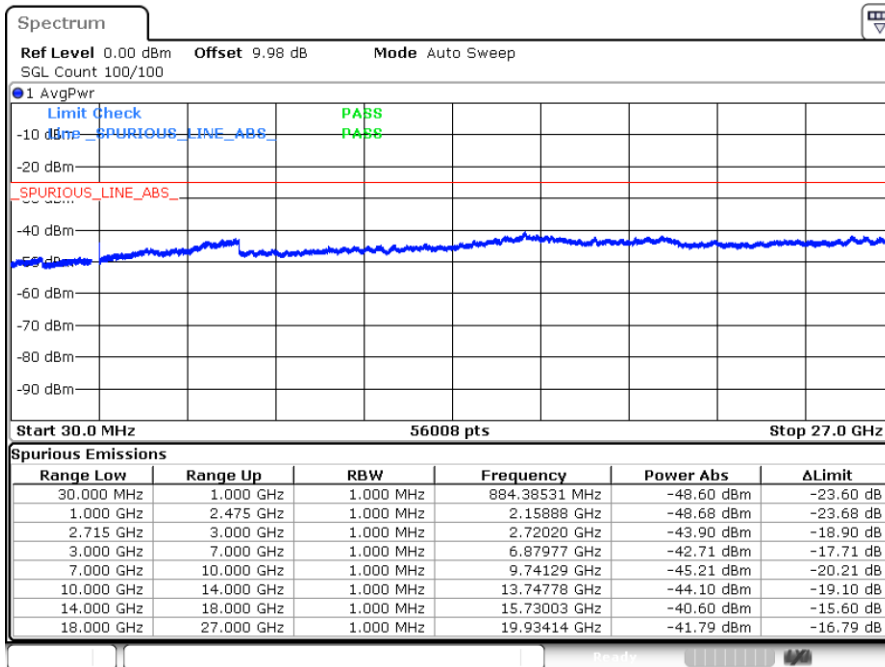


Date: 9.SEP.2021 11:59:15



Date: 9.SEP.2021 12:00:37

Highest Channel / QPSK

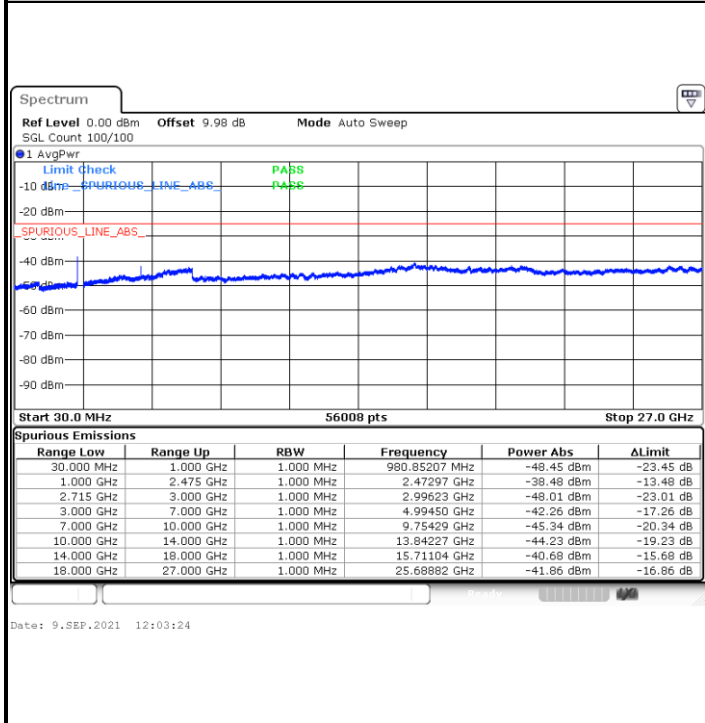


Date: 9.SEP.2021 12:02:00

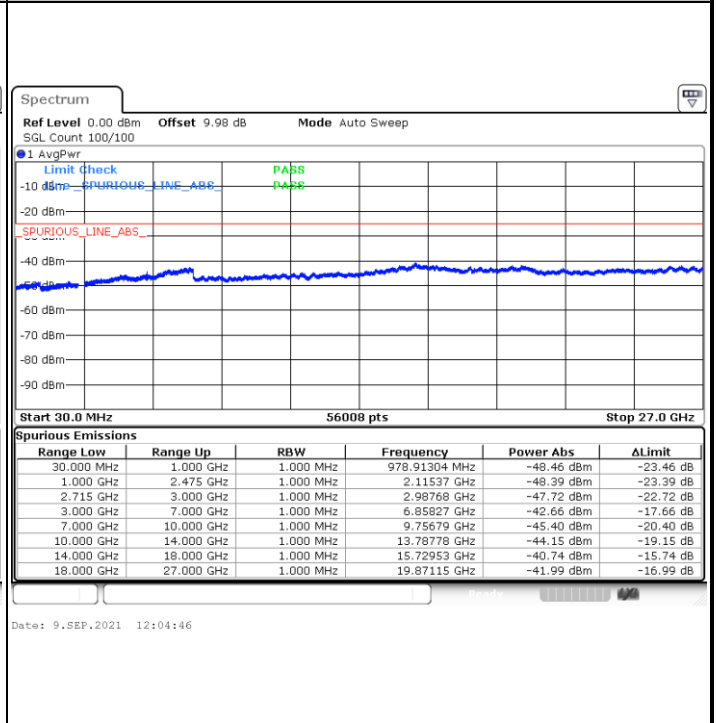


**LTE Band 41 / 20MHz**

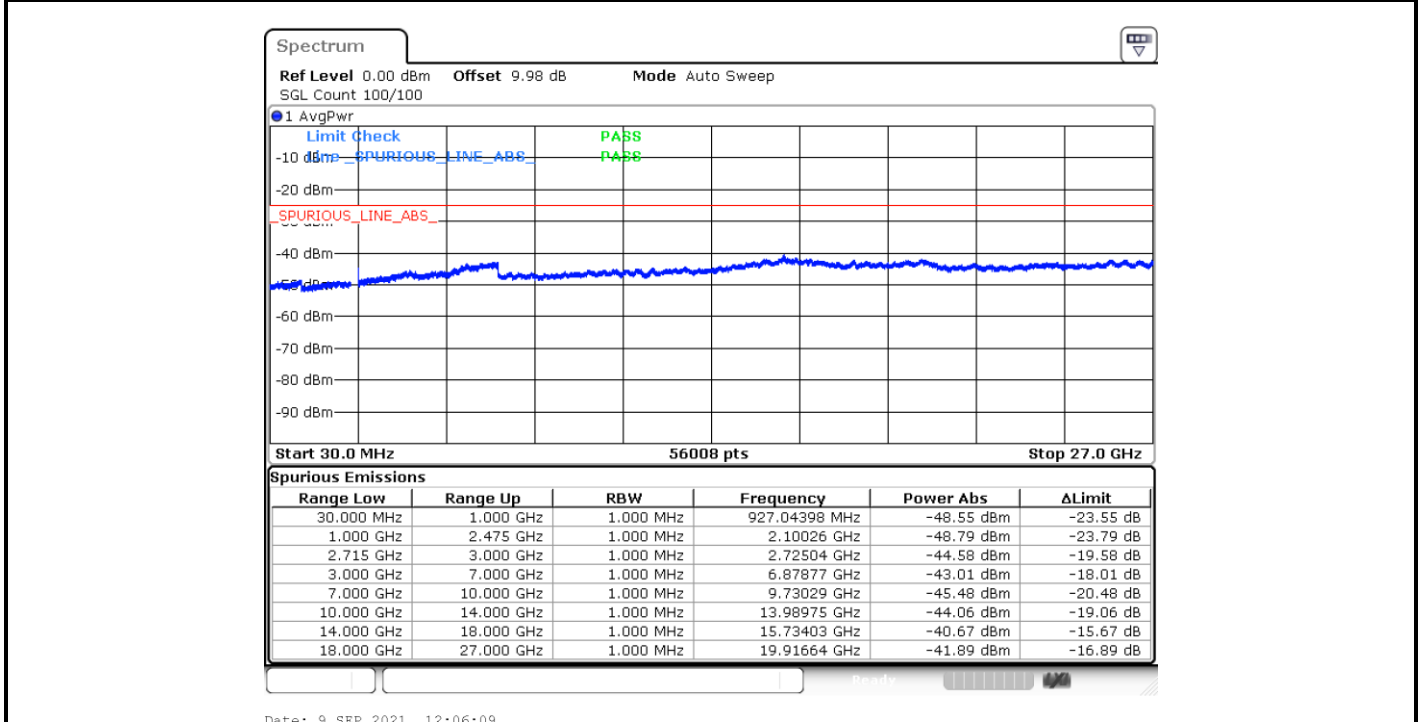
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





### Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0009	

**Note:**

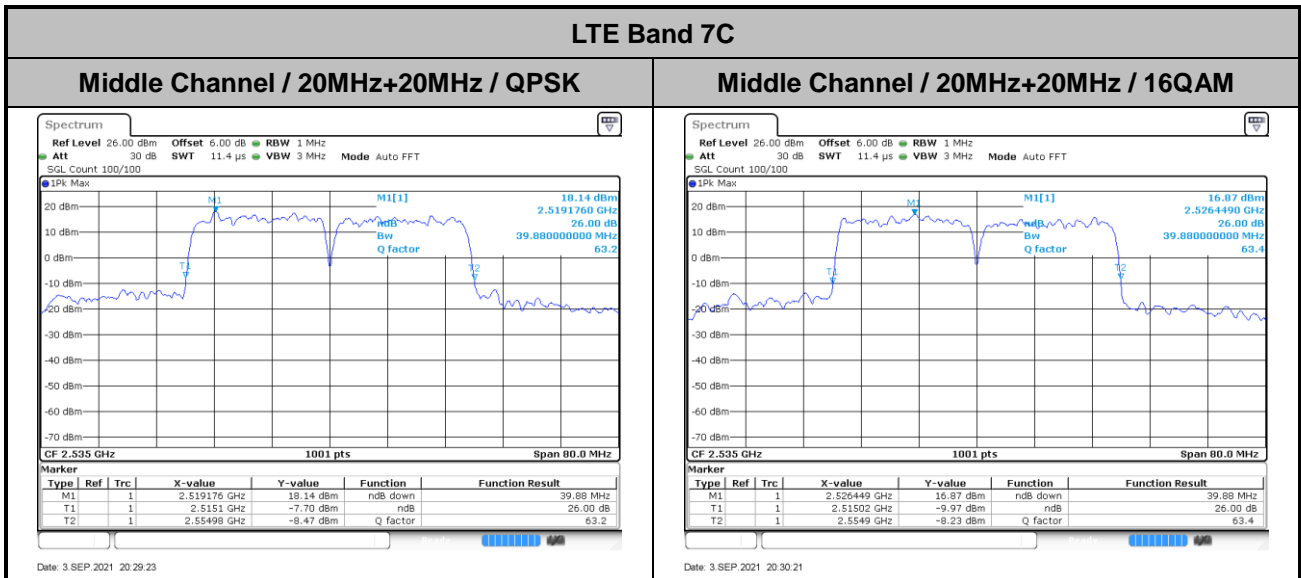
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 7C

## 26dB Bandwidth

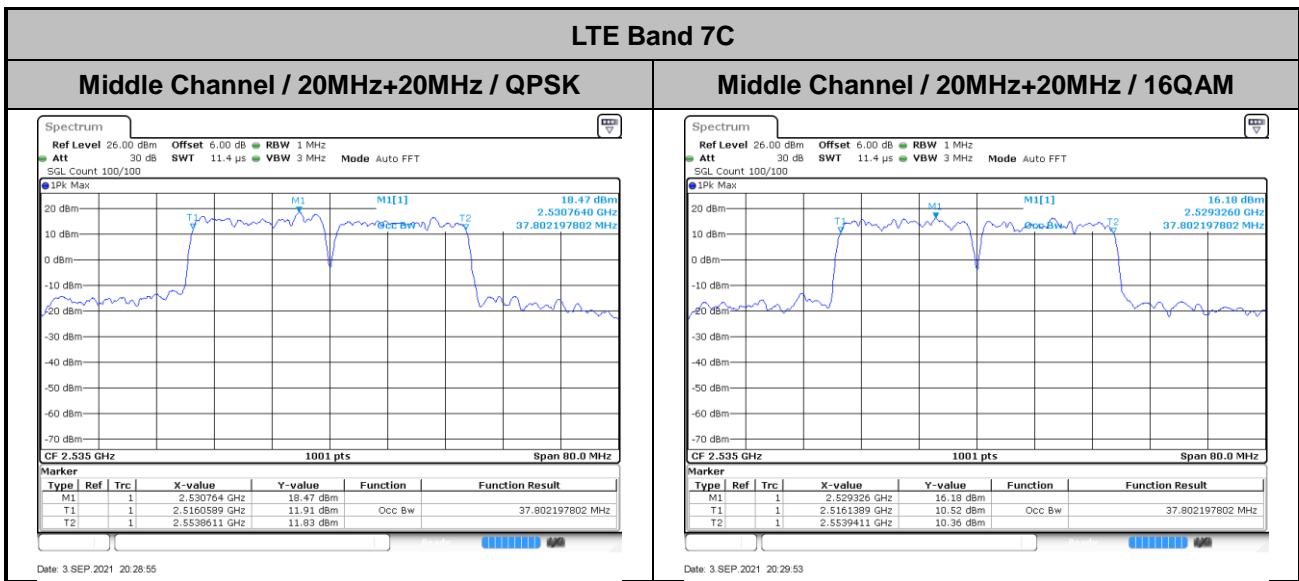
Mode	LTE Band 7C : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	39.88





## Occupied Bandwidth

<b>Mode</b>	<b>LTE Band 7C : 99%OBW(MHz)</b>	
<b>BW</b>	<b>20MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	37.80	37.80





**Conducted Band Edge**



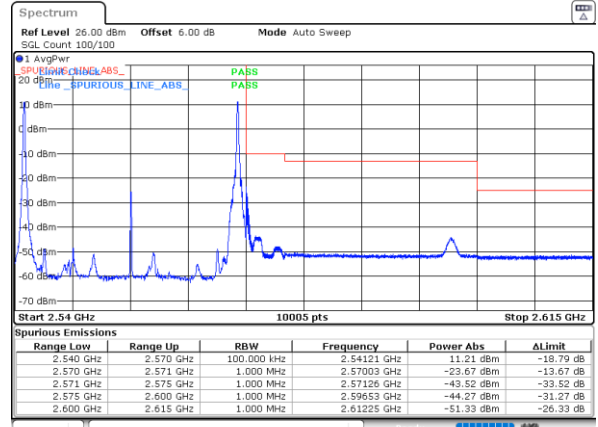
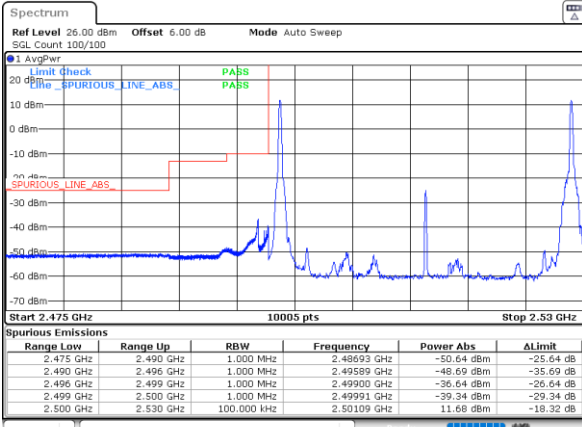


LTE Band 7C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

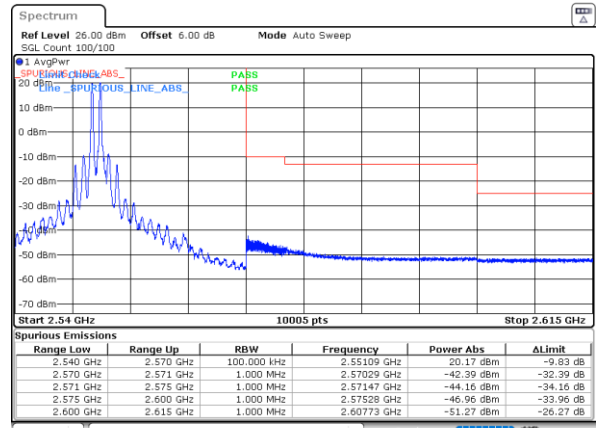
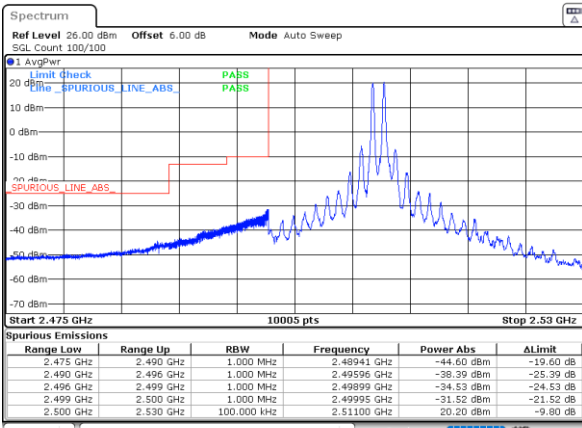


Date: 8\_SEP.2021 10:13:10

Date: 8\_SEP.2021 10:26:30

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

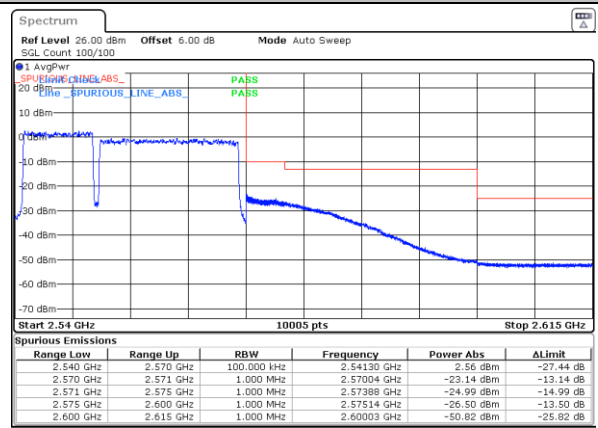
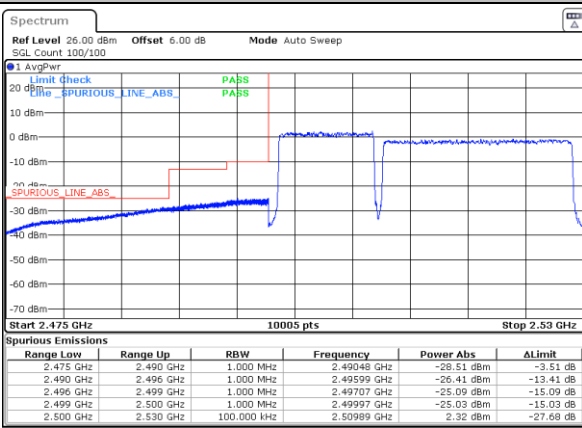


Date: 8\_SEP.2021 10:14:38

Date: 8\_SEP.2021 10:33:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_SEP.2021 10:05:48

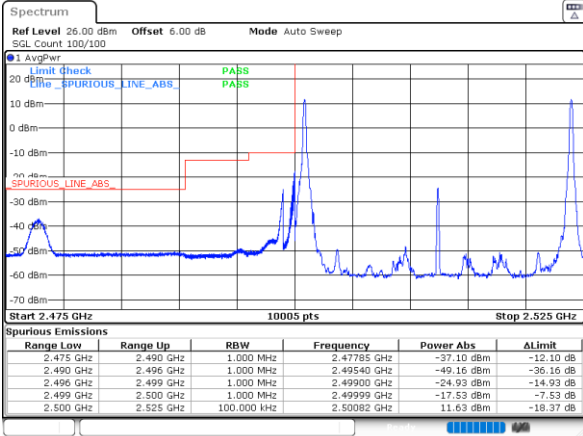
Date: 8\_SEP.2021 10:22:15



LTE Band 7C / 15MHz+10MHz

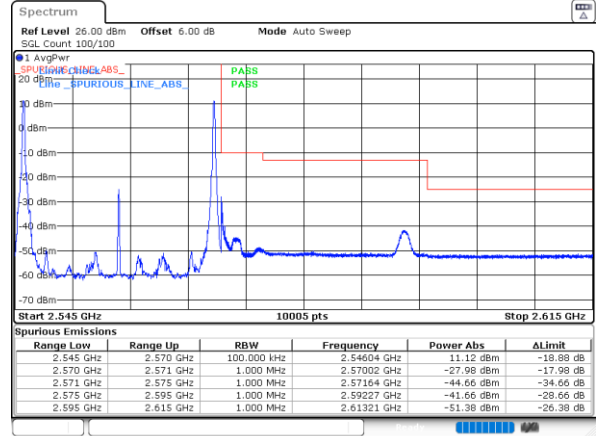
QPSK

Lowest Band Edge / 1RB0 and 1RB49



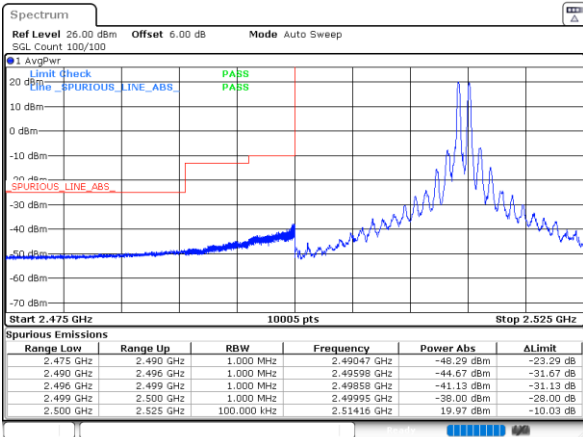
Date: 8\_SEP.2021 13:37:06

Highest Band Edge / 1RB0 and 1RB49



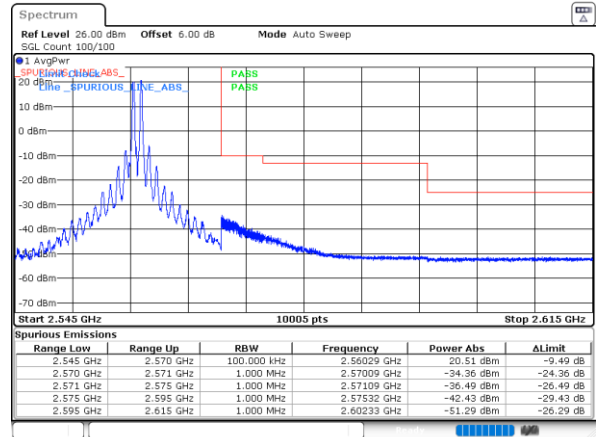
Date: 8\_SEP.2021 13:47:27

Lowest Band Edge / 1RB74 and 1RB0



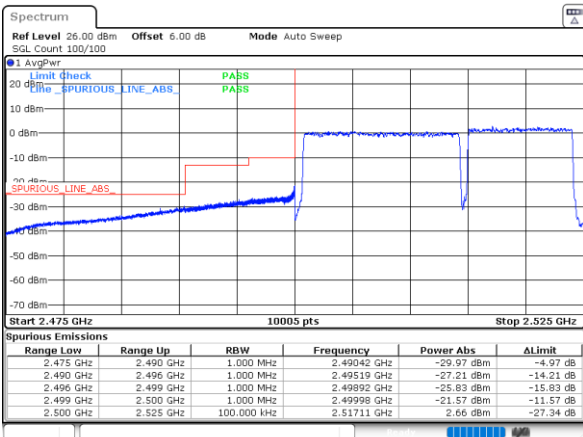
Date: 8\_SEP.2021 13:38:34

Highest Band Edge / 1RB74 and 1RB0



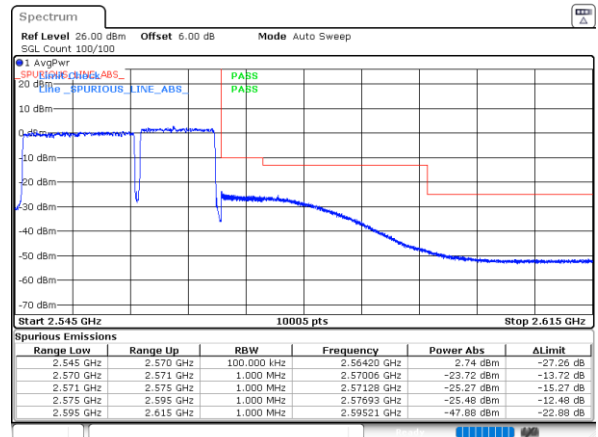
Date: 8\_SEP.2021 13:54:46

Lowest Band Edge / Full RB



Date: 8\_SEP.2021 13:29:43

Highest Band Edge / Full RB



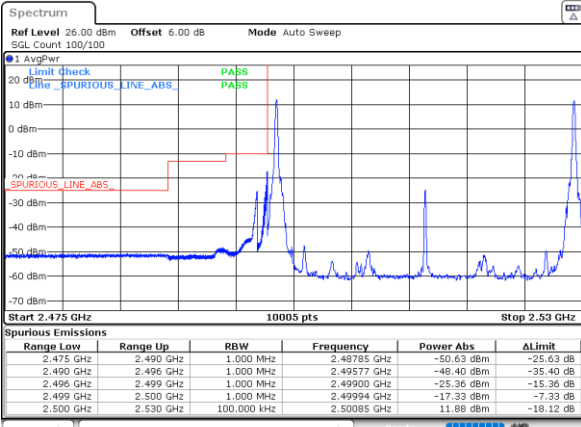
Date: 8\_SEP.2021 13:45:59



LTE Band 7C / 15MHz+15MHz

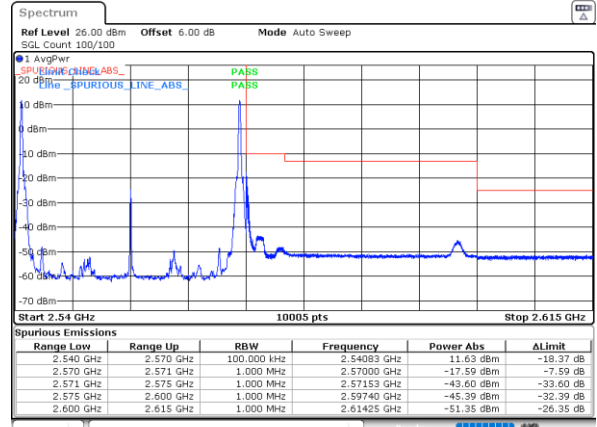
QPSK

Lowest Band Edge / 1RB0 and 1RB74



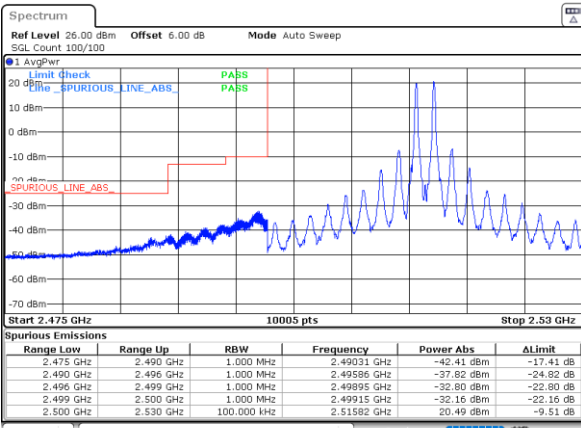
Date: 8\_SEP.2021 11:33:16

Highest Band Edge / 1RB0 and 1RB74



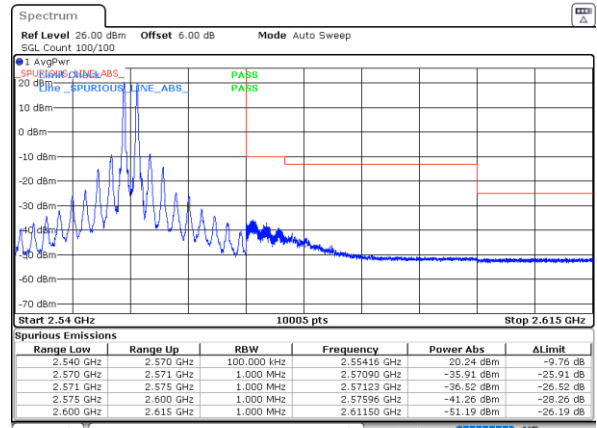
Date: 8\_SEP.2021 11:43:36

Lowest Band Edge / 1RB74 and 1RB0



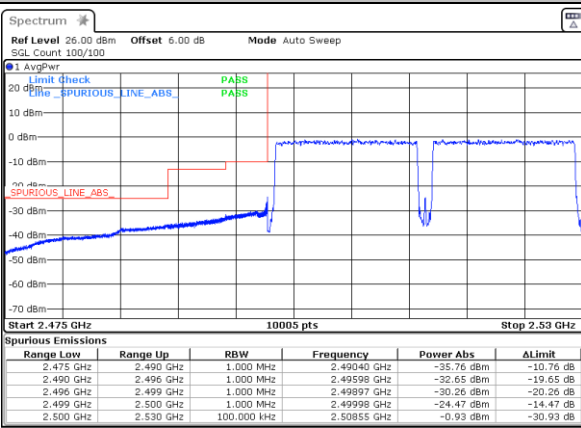
Date: 8\_SEP.2021 11:34:44

Highest Band Edge / 1RB74 and 1RB0



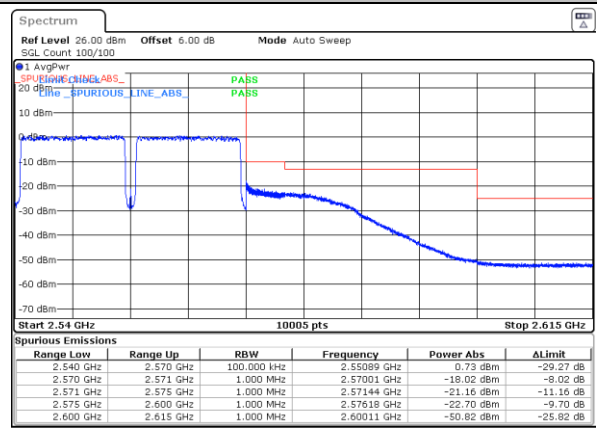
Date: 8\_SEP.2021 11:50:57

Lowest Band Edge / Full RB



Date: 15 SEP 2021 23:00:44

Highest Band Edge / Full RB



Date: 8\_SEP.2021 11:42:09

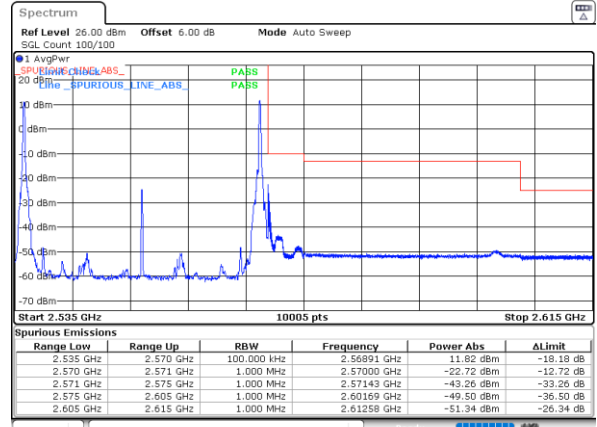
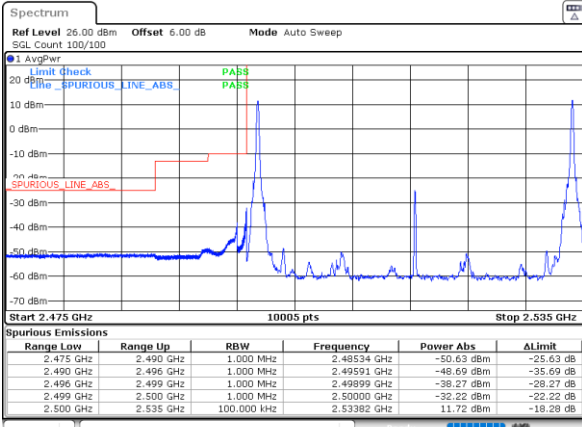


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

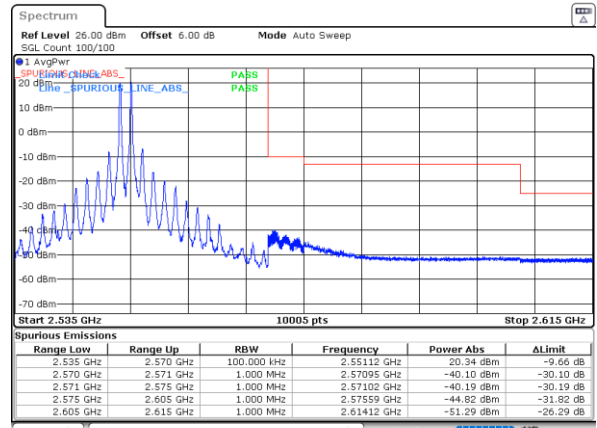
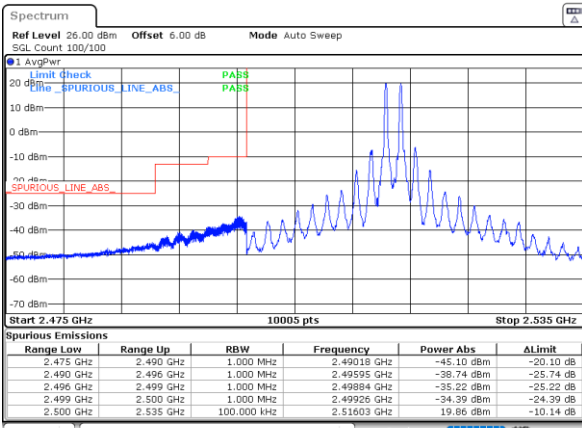


Date: 8\_SEP.2021 12:06:54

Date: 8\_SEP.2021 12:17:15

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

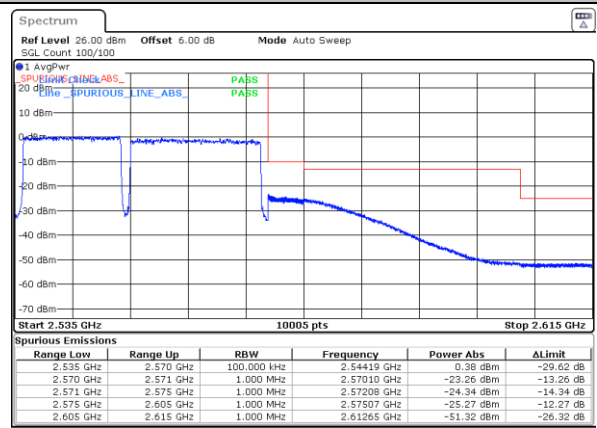
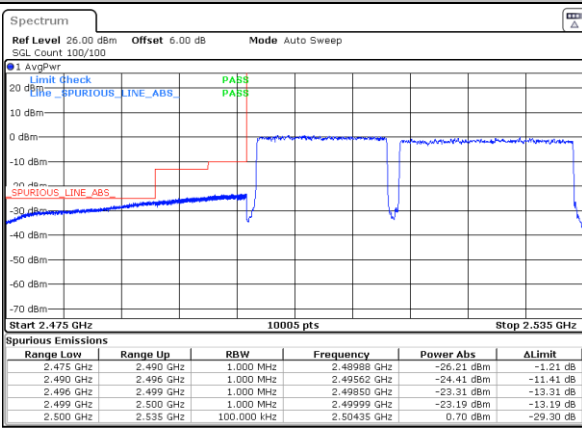


Date: 8\_SEP.2021 12:08:22

Date: 8\_SEP.2021 12:24:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_SEP.2021 11:59:31

Date: 8\_SEP.2021 12:15:47

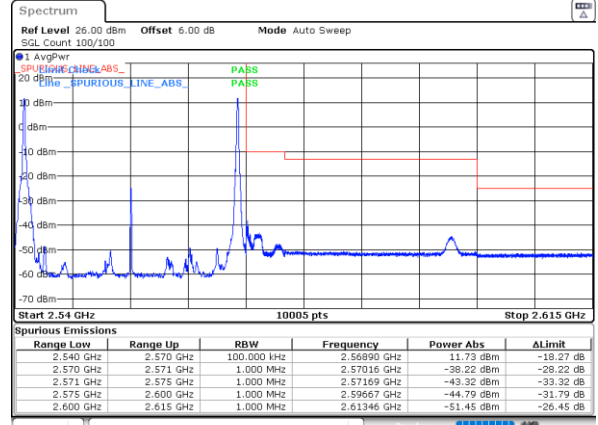
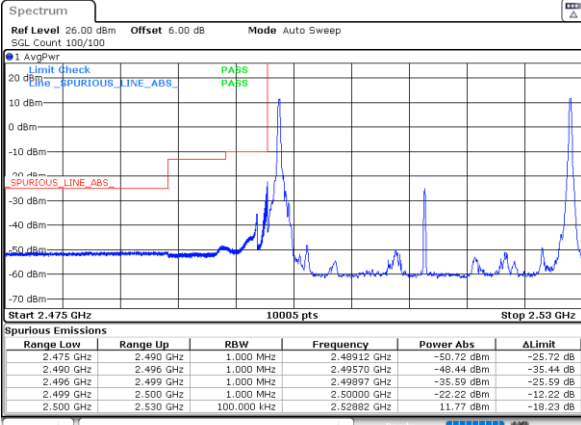


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

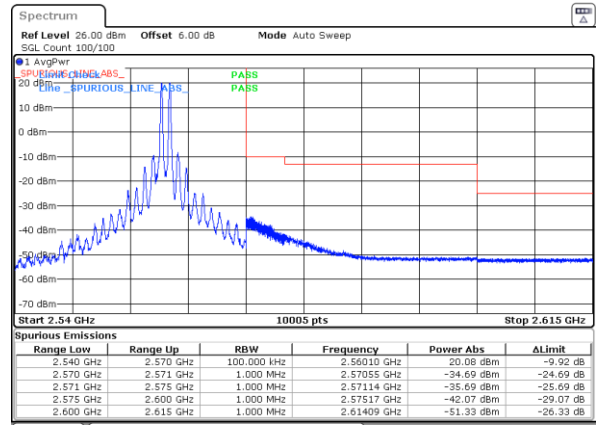
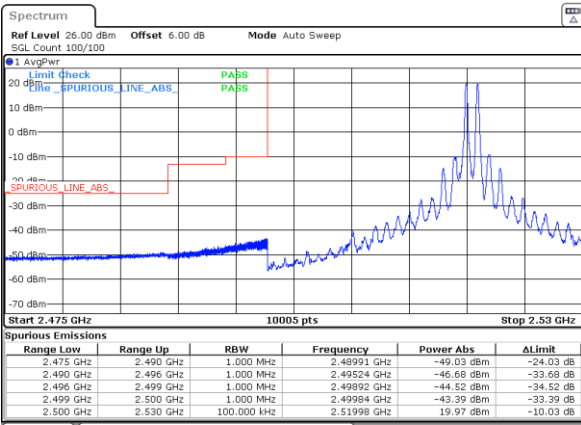


Date: 8\_SEP.2021 10:47:25

Date: 8\_SEP.2021 10:57:46

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

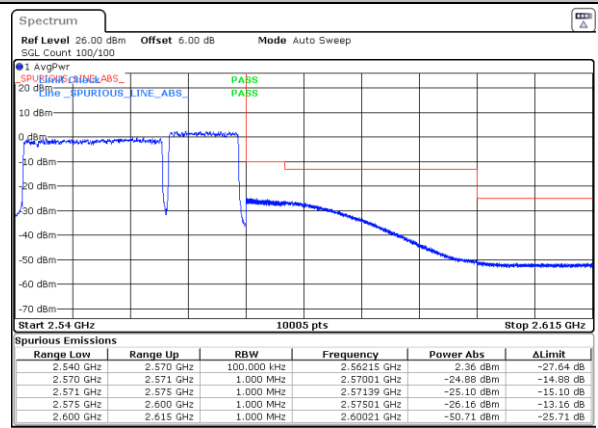
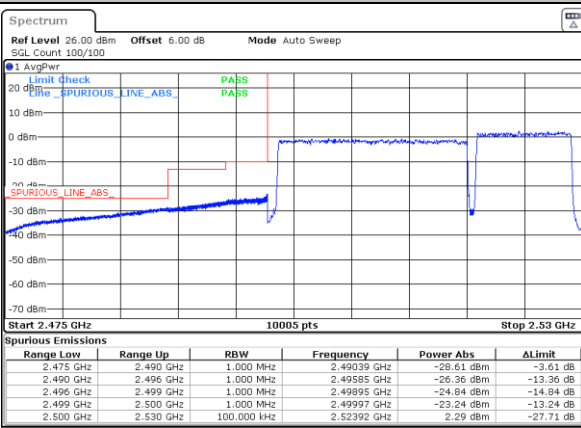


Date: 8\_SEP.2021 10:48:53

Date: 8\_SEP.2021 11:05:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_SEP.2021 10:40:02

Date: 8\_SEP.2021 10:56:17

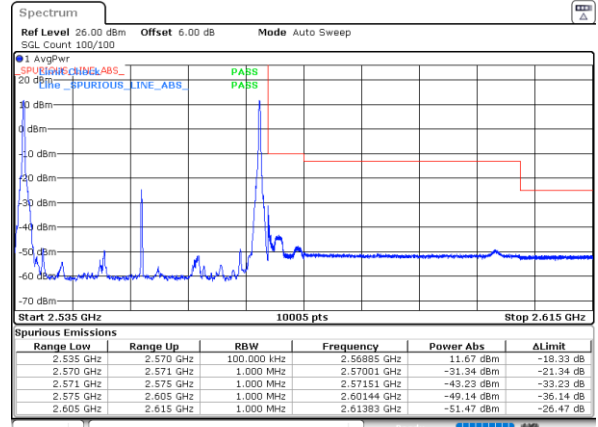
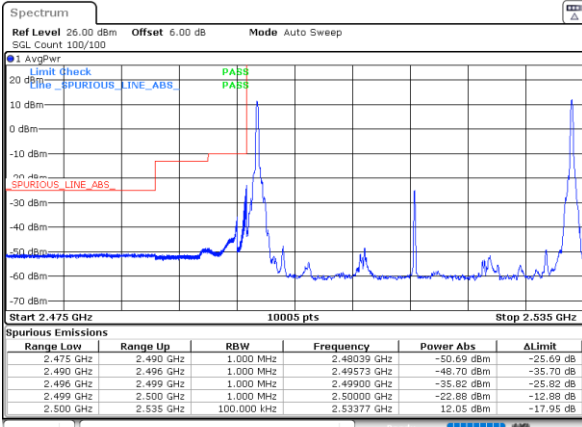


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

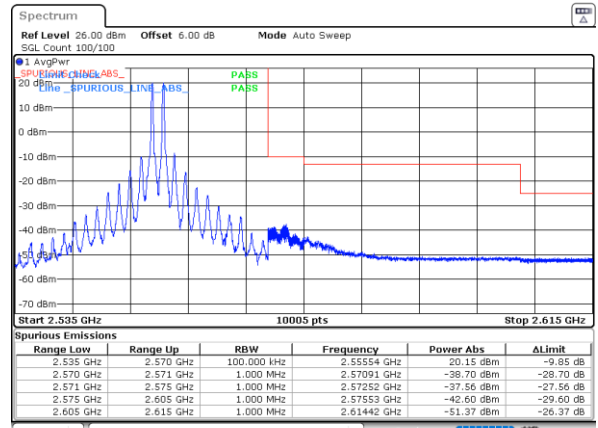
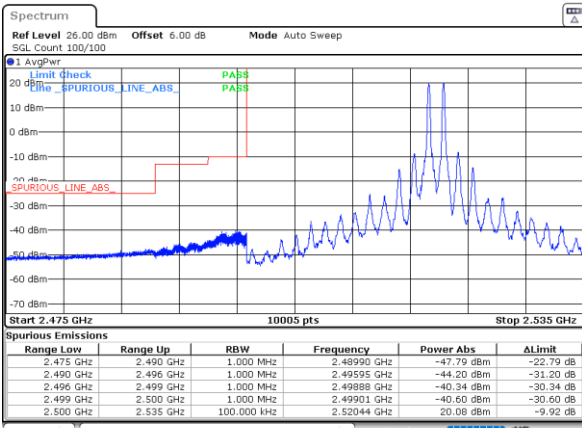


Date: 8\_SEP.2021 12:35:05

Date: 8\_SEP.2021 12:45:25

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

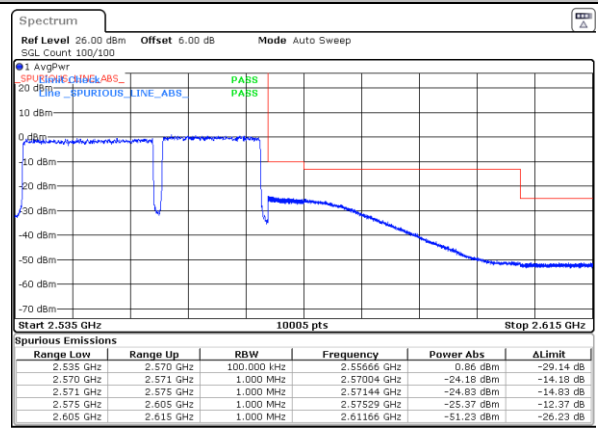
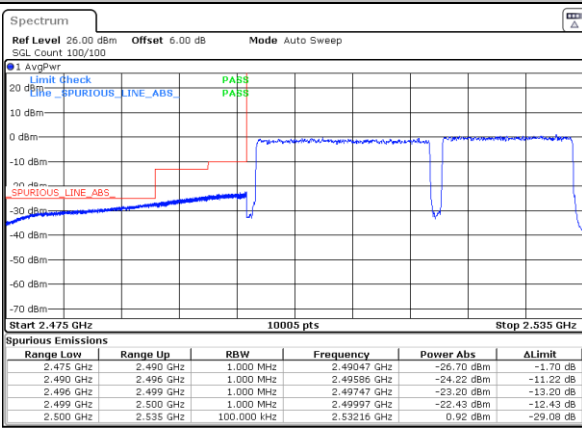


Date: 8\_SEP.2021 12:36:33

Date: 8\_SEP.2021 12:52:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_SEP.2021 12:27:42

Date: 8\_SEP.2021 12:43:57

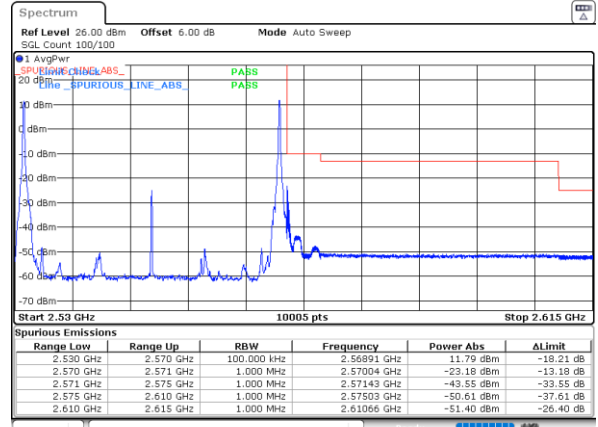
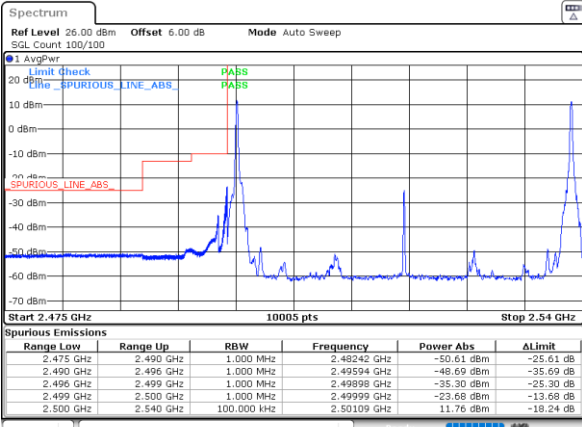


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

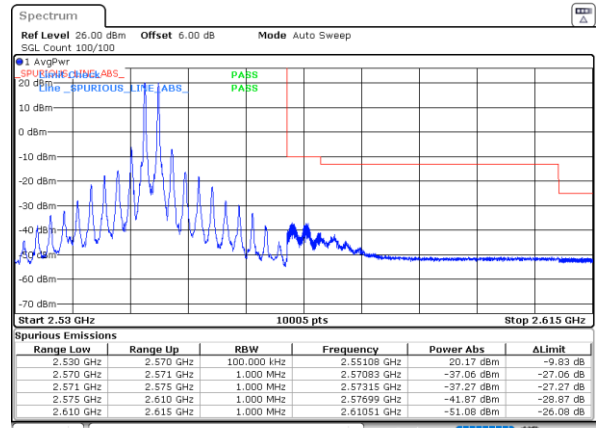
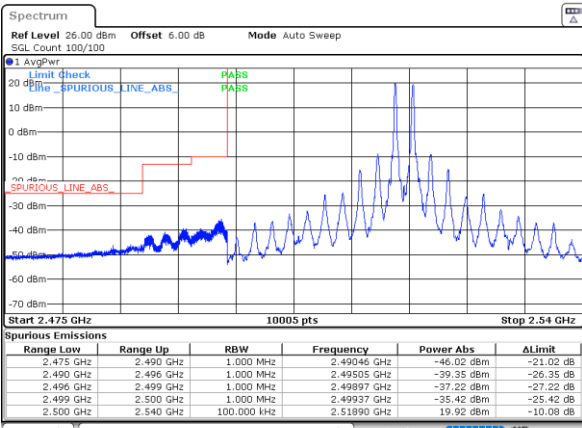


Date: 8\_SEP.2021 13:03:03

Date: 8\_SEP.2021 13:13:24

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

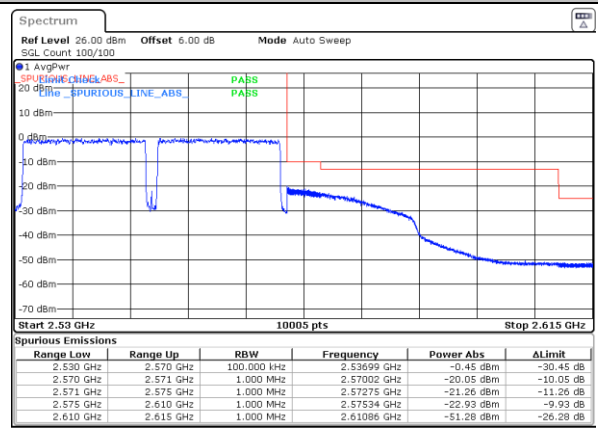
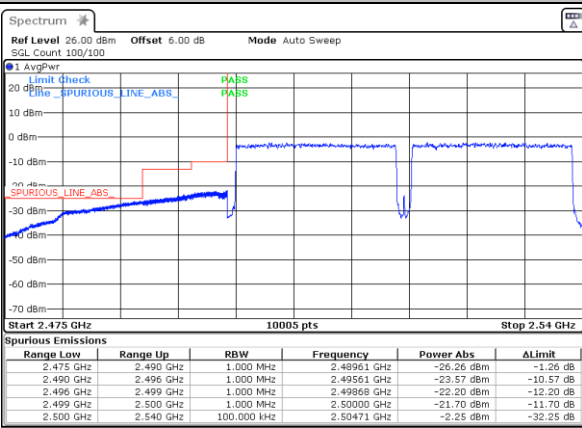


Date: 8\_SEP.2021 13:04:31

Date: 8\_SEP.2021 13:20:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15 SEP.2021 22:49:30

Date: 8\_SEP.2021 13:11:56



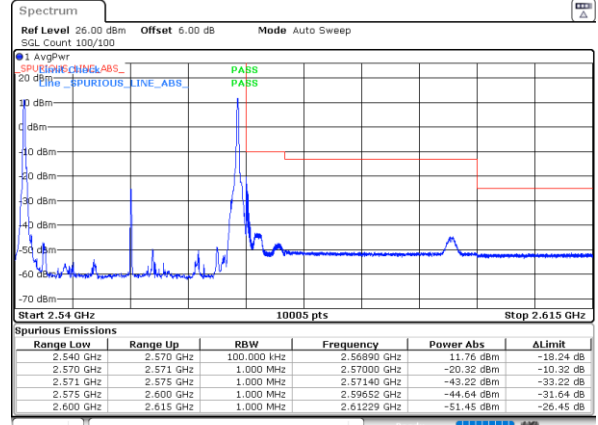
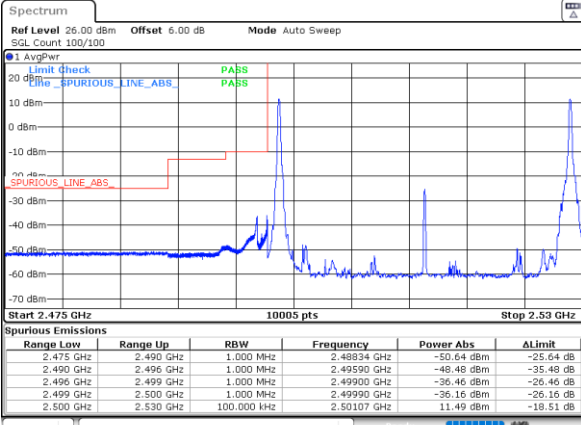


LTE Band 7C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

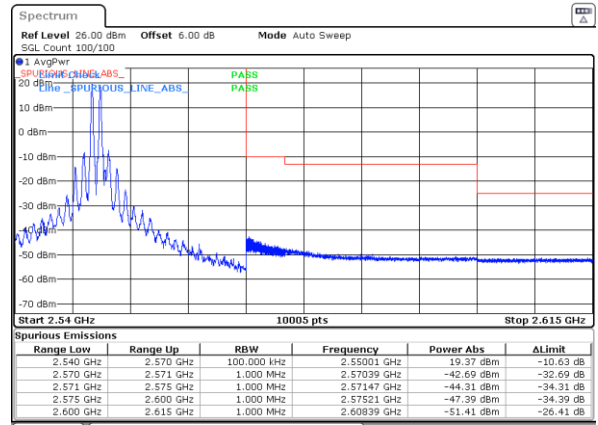
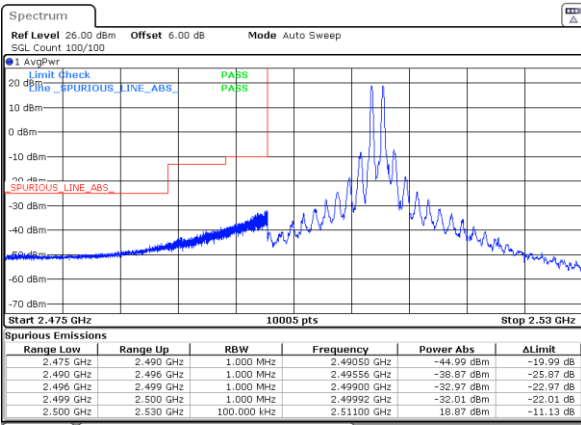


Date: 8\_SEP.2021 10:11:41

Date: 8\_SEP.2021 10:27:57

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

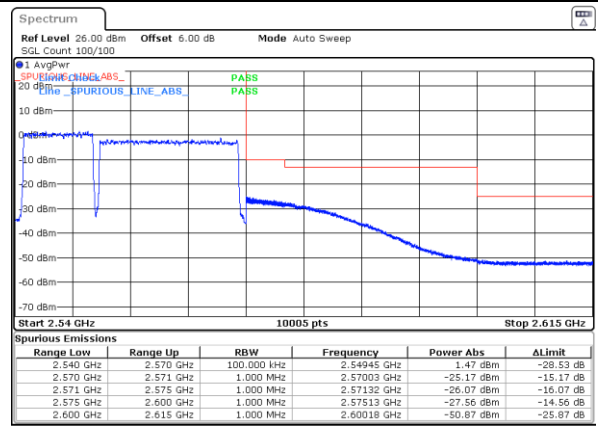
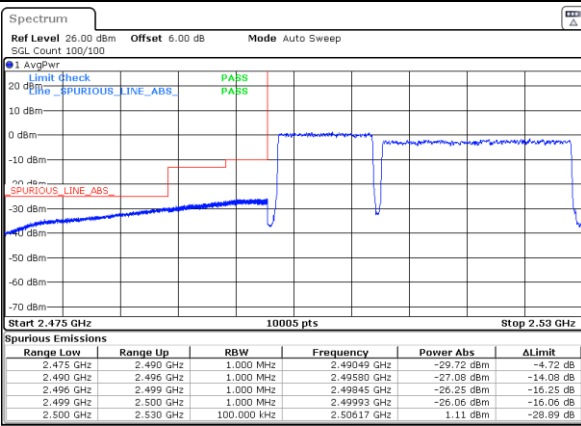


Date: 8\_SEP.2021 10:16:06

Date: 8\_SEP.2021 10:32:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_SEP.2021 10:07:16

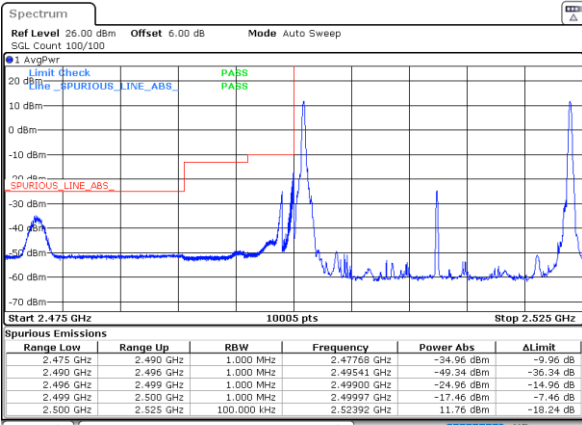
Date: 8\_SEP.2021 10:20:47



LTE Band 7C / 15MHz+10MHz

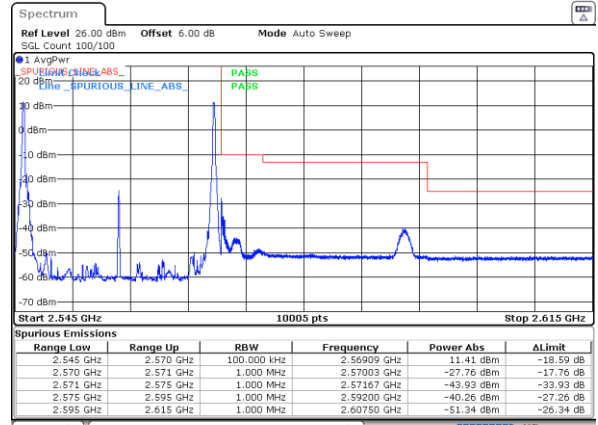
16QAM

Lowest Band Edge / 1RB0 and 1RB49



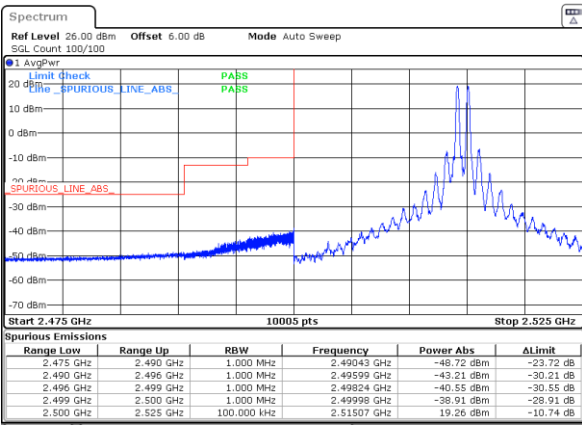
Date: 8\_SEP.2021 13:35:38

Highest Band Edge / 1RB0 and 1RB49



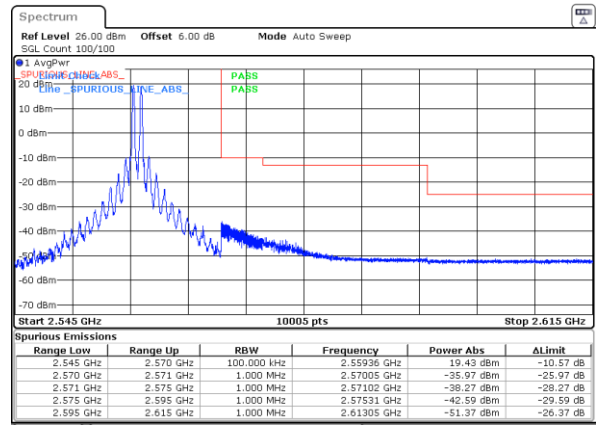
Date: 8\_SEP.2021 13:48:55

Lowest Band Edge / 1RB74 and 1RB0



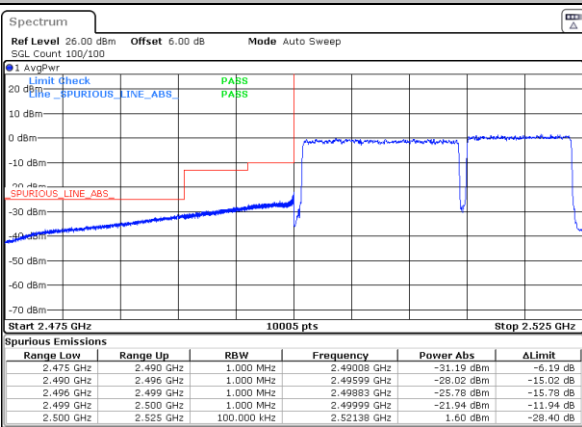
Date: 8\_SEP.2021 13:40:03

Highest Band Edge / 1RB74 and 1RB0



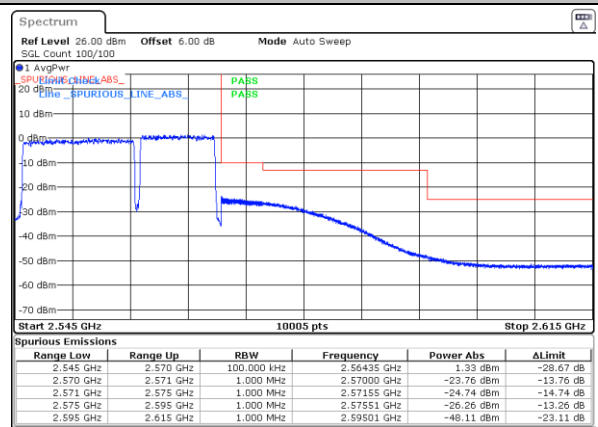
Date: 8\_SEP.2021 13:53:19

Lowest Band Edge / Full RB



Date: 8\_SEP.2021 13:31:11

Highest Band Edge / Full RB



Date: 8\_SEP.2021 13:44:31

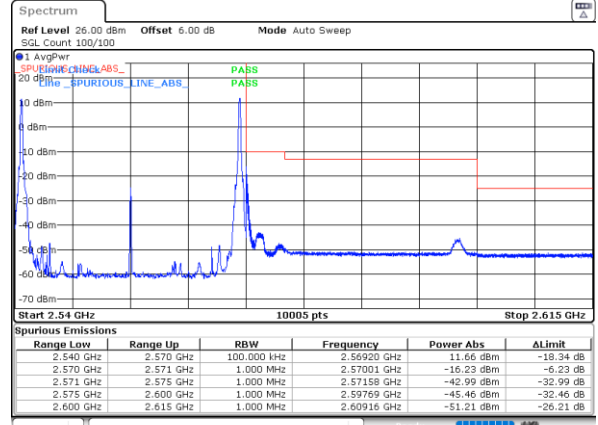
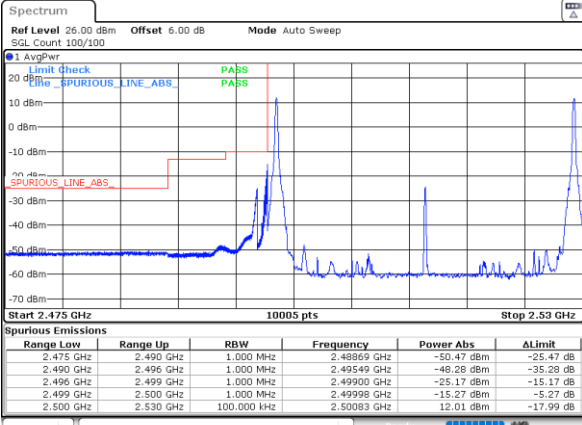


LTE Band 7C / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

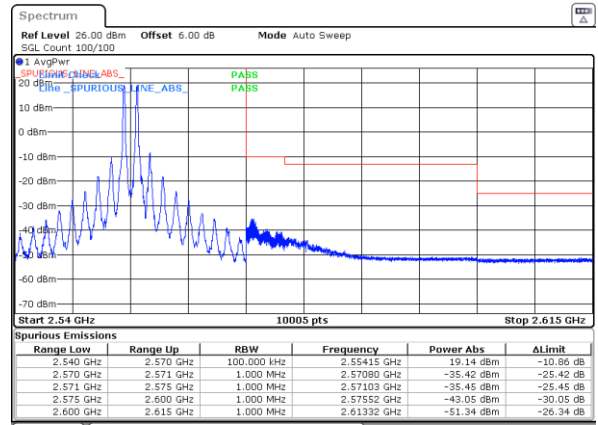
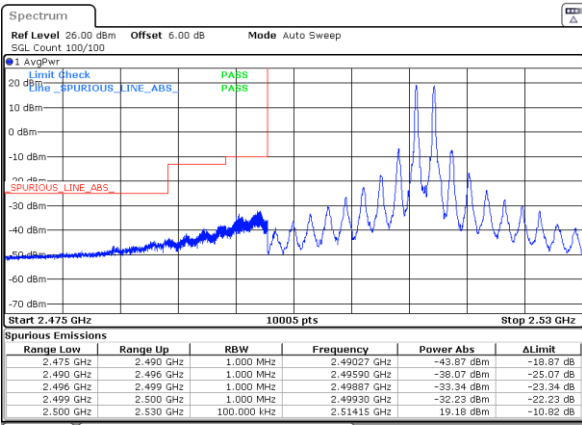


Date: 8\_SEP.2021 11:31:47

Date: 8\_SEP.2021 11:45:05

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

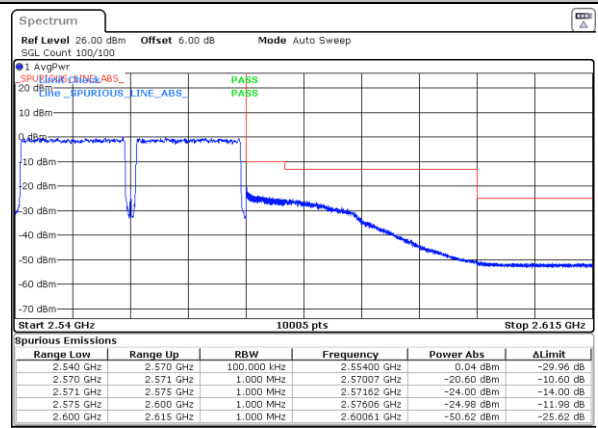
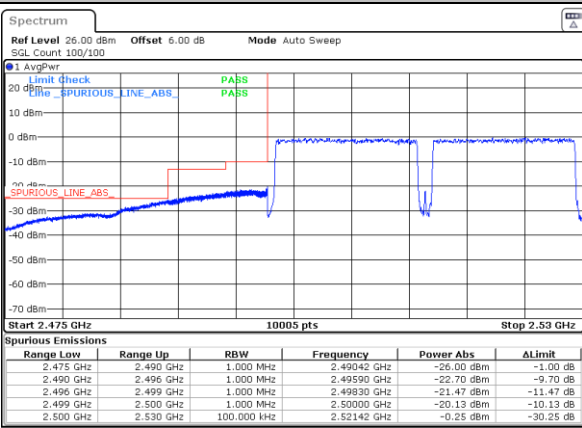


Date: 8\_SEP.2021 11:36:12

Date: 8\_SEP.2021 11:49:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_SEP.2021 11:55:28

Date: 8\_SEP.2021 11:40:40

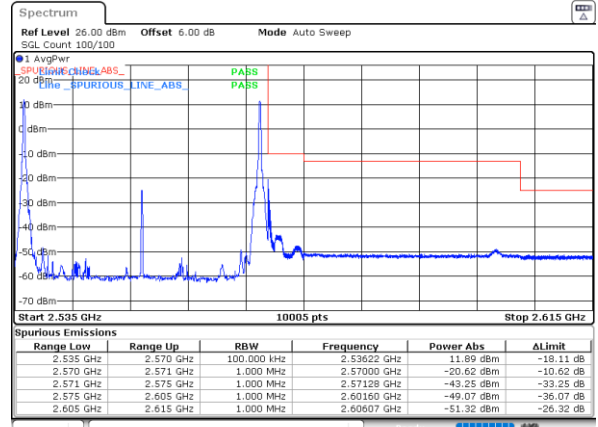
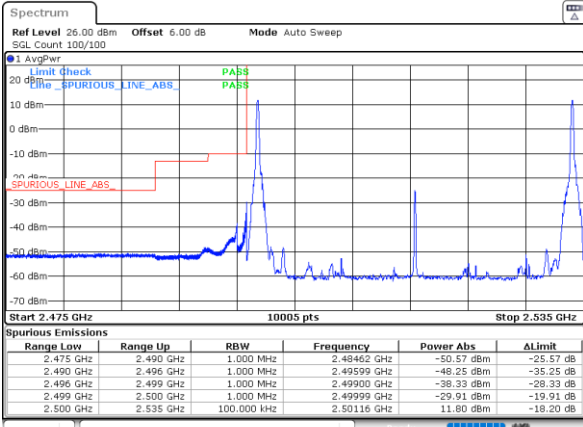


LTE Band 7C / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

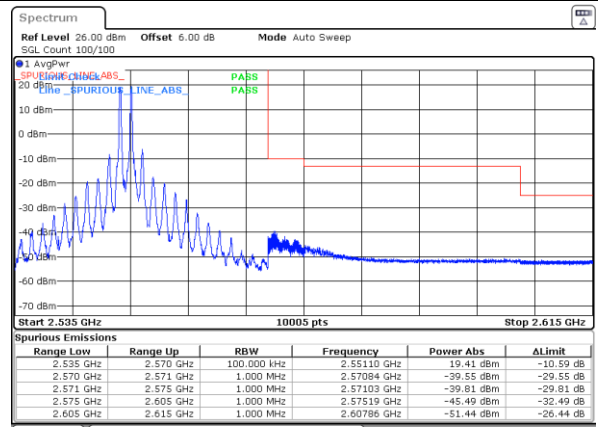
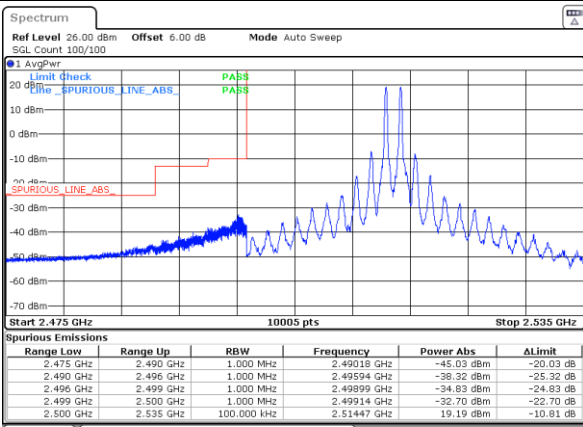


Date: 8\_SEP.2021 12:05:26

Date: 8\_SEP.2021 12:18:43

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

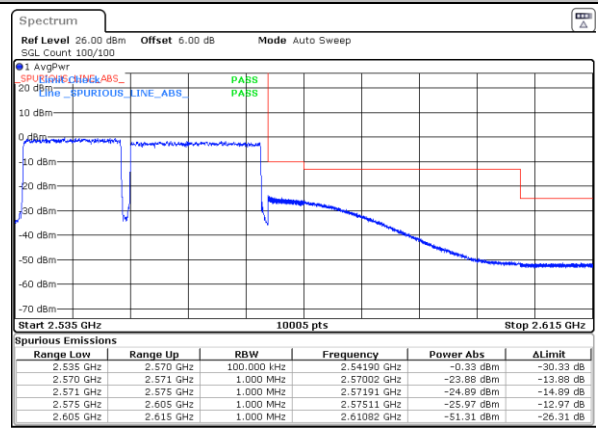
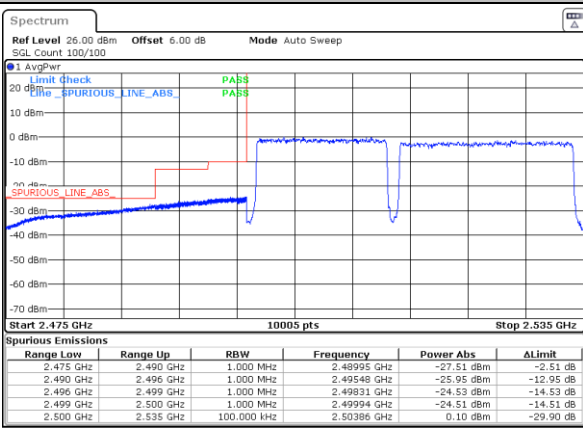


Date: 8\_SEP.2021 12:09:51

Date: 8\_SEP.2021 12:23:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_SEP.2021 12:01:00

Date: 8\_SEP.2021 12:14:19