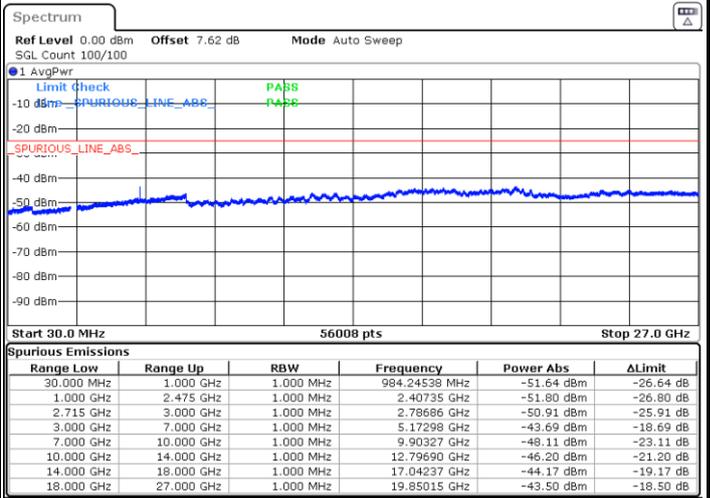
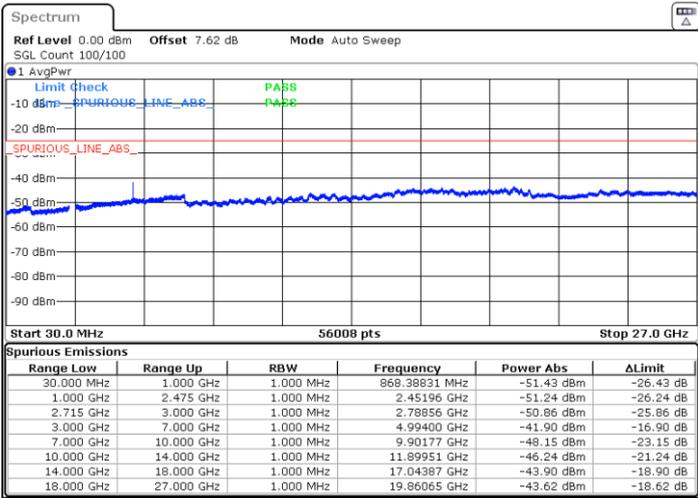




LTE Band 41 / 15MHz

Lowest Channel / QPSK

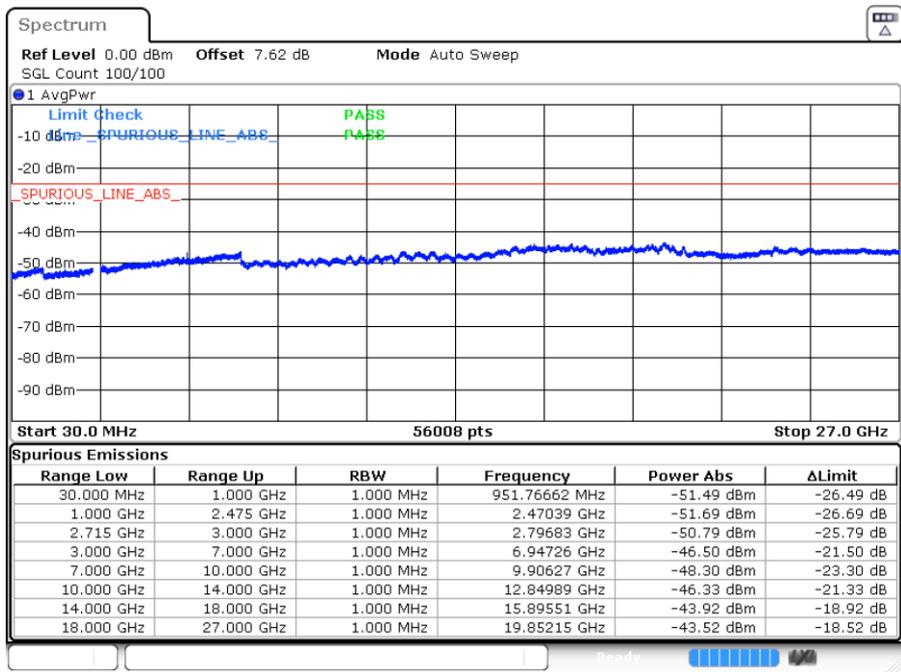
Middle Channel / QPSK



Date: 11 JUN 2021 21:42:26

Date: 11 JUN 2021 21:45:03

Highest Channel / QPSK



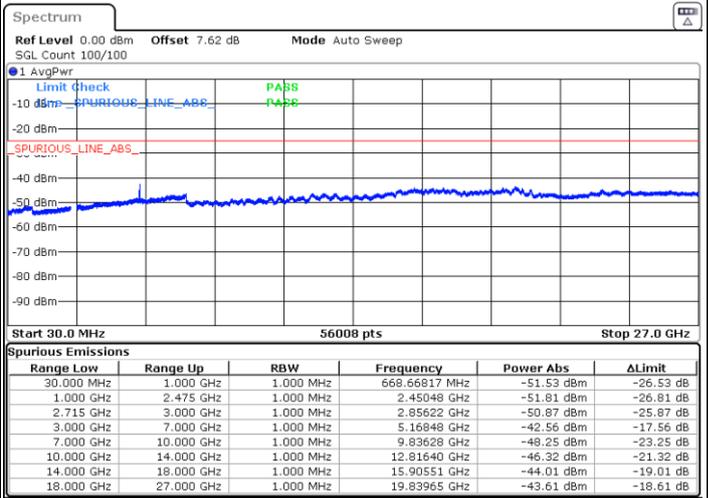
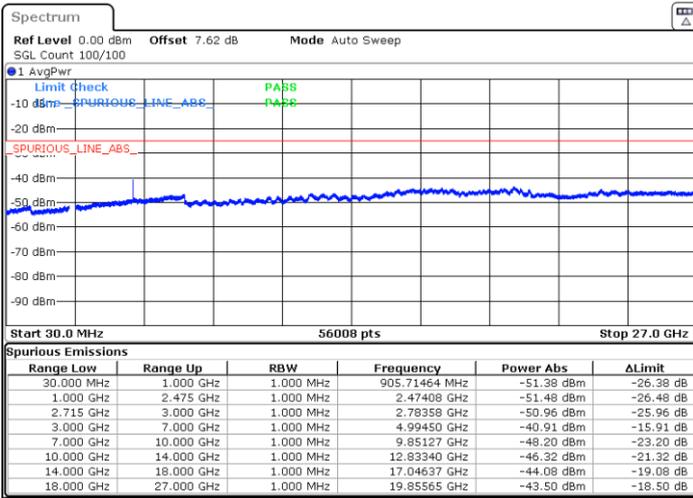
Date: 11 JUN 2021 21:45:55



LTE Band 41 / 20MHz

Lowest Channel / QPSK

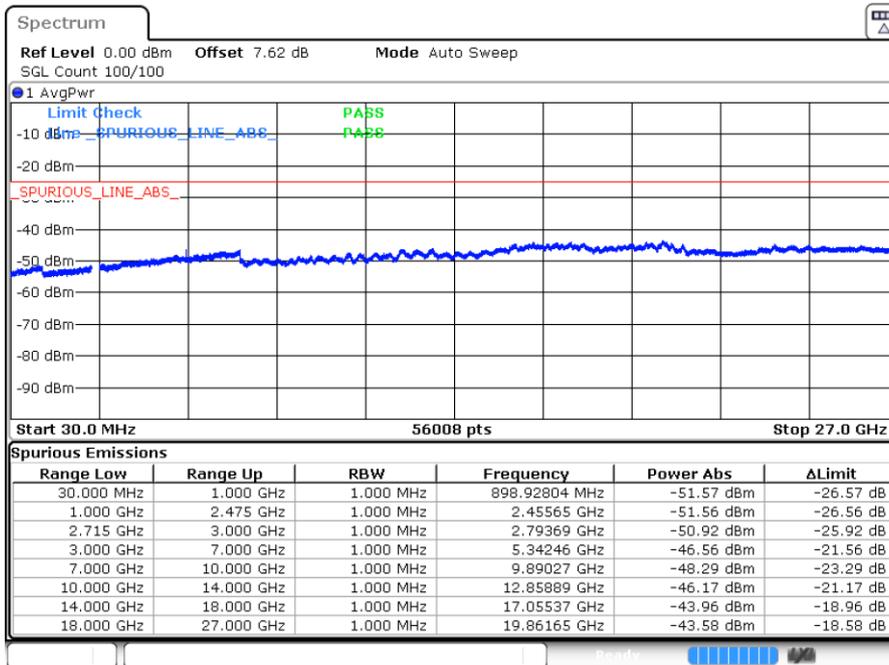
Middle Channel / QPSK



Date: 11 JUN 2021 21:47:52

Date: 11 JUN 2021 21:51:19

Highest Channel / QPSK



Date: 11 JUN 2021 21:58:19



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	0.0001	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0002	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0000	

Note:

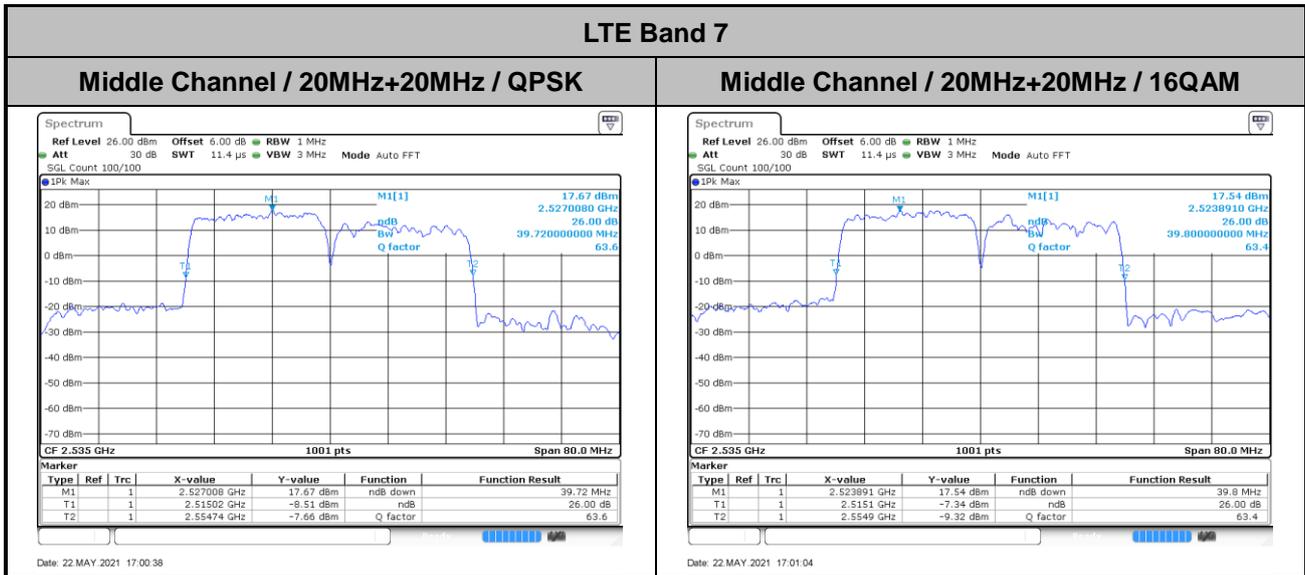
1. Normal Voltage =7.74V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.9 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 7C

## 26dB Bandwidth

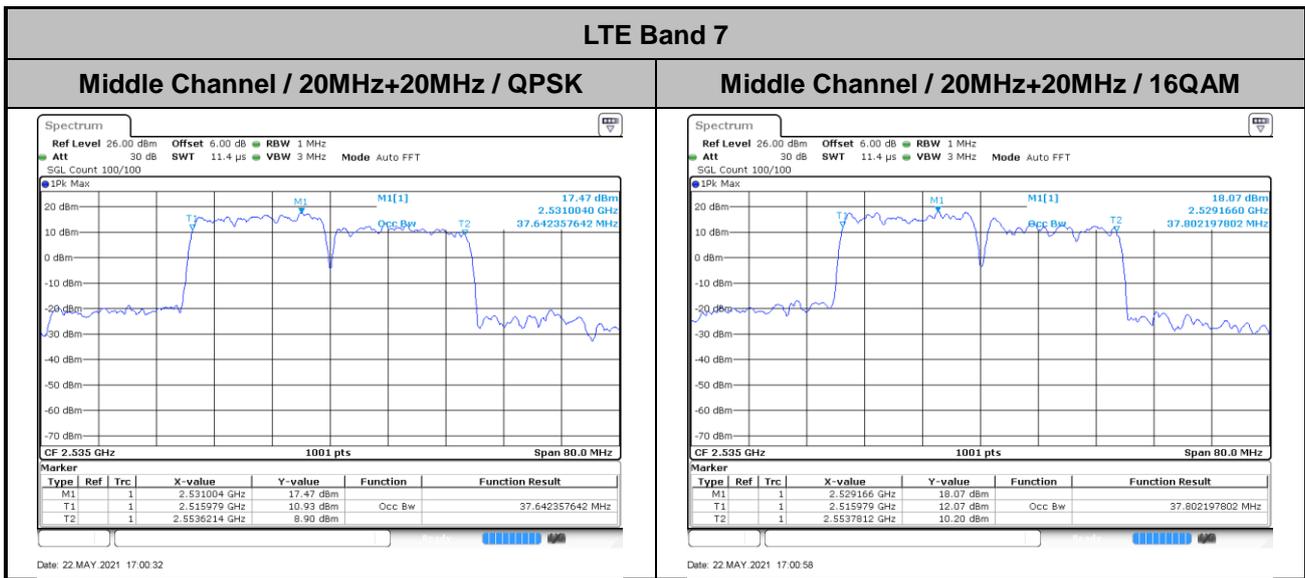
<b>Mode</b>	<b>LTE Band 7c : 26dB BW(MHz)</b>	
<b>BW</b>	<b>20MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	39.72	39.8





# Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.64	37.80

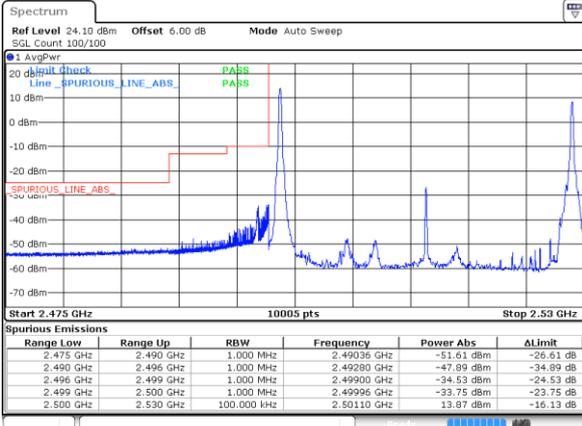




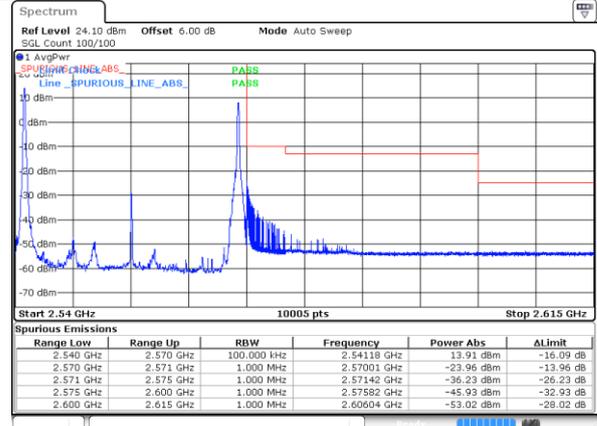
# Conducted Band Edge

## LTE Band 7 / 10MHz+20MHz QPSK

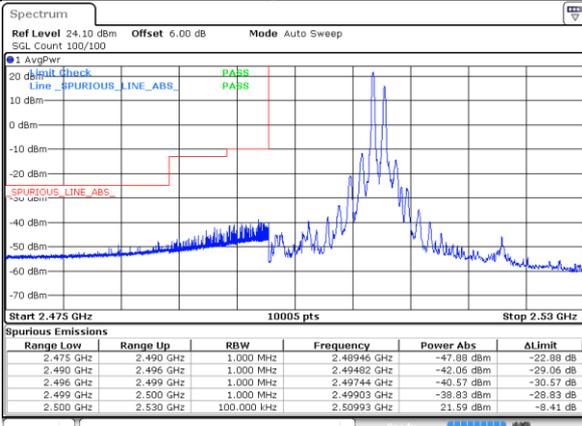
### Lowest Band Edge / 1RB0 and 1RB9



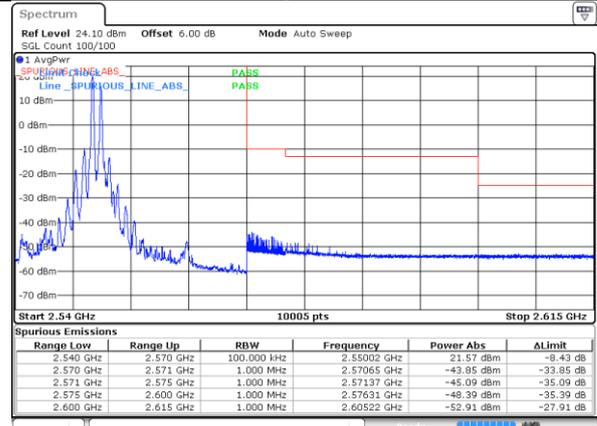
### Highest Band Edge / 1RB0 and 1RB9



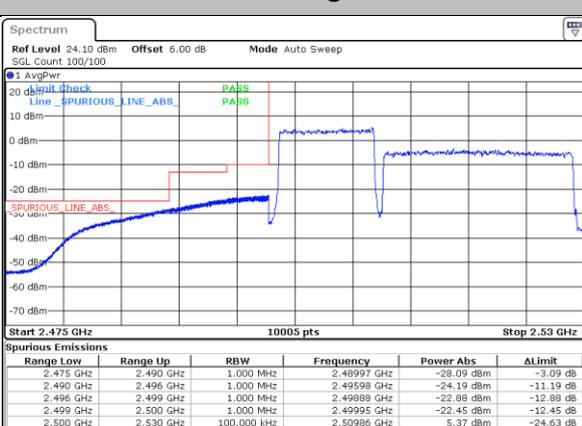
### Lowest Band Edge / 1RB49 and 1RB0



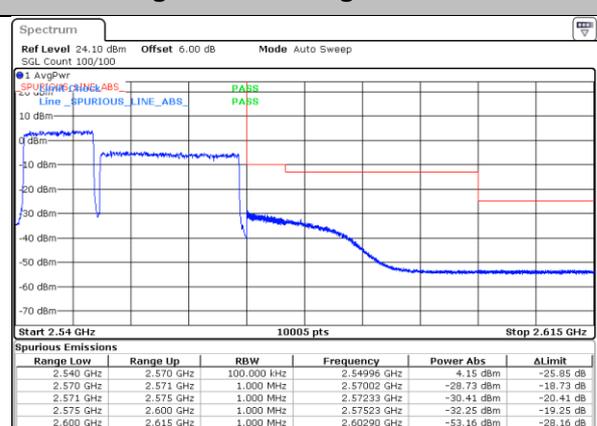
### Highest Band Edge / 1RB49 and 1RB0



### Lowest Band Edge / Full RB



### Highest Band Edge / Full RB

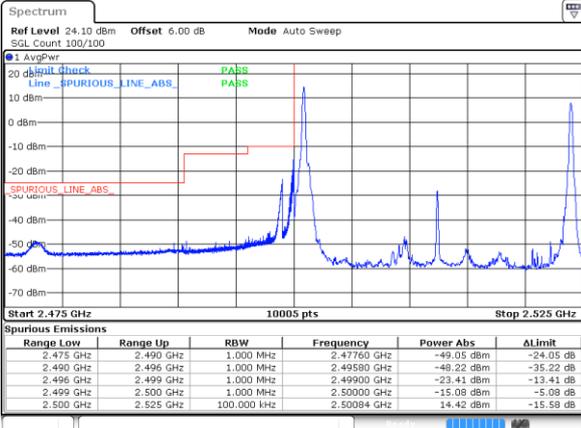




LTE Band 7 / 15MHz+10MHz

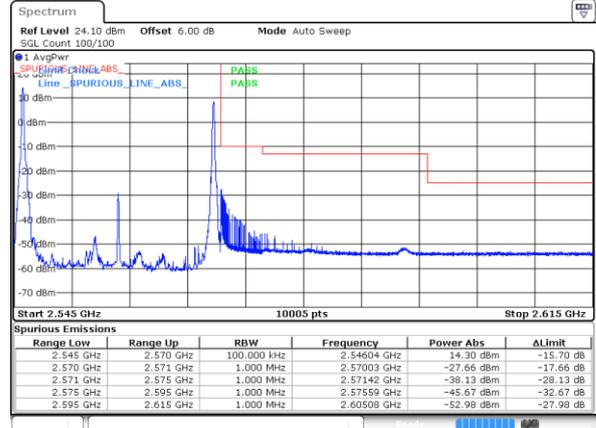
QPSK

Lowest Band Edge / 1RB0 and 1RB49



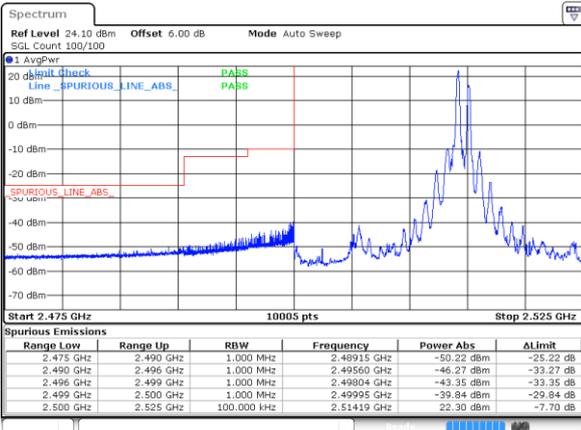
Date: 22 MAY 2021 15:42:47

Highest Band Edge / 1RB0 and 1RB49



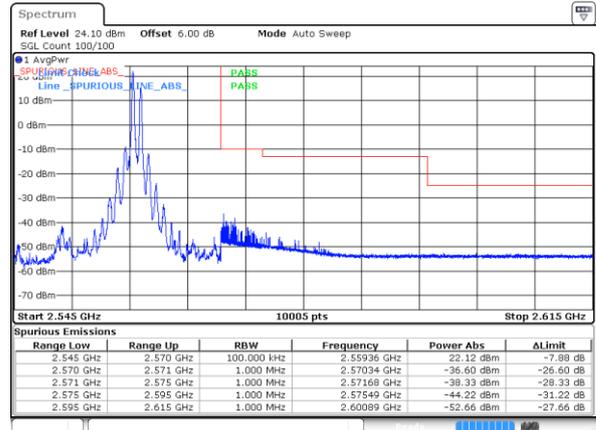
Date: 22 MAY 2021 17:07:28

Lowest Band Edge / 1RB74 and 1RB0



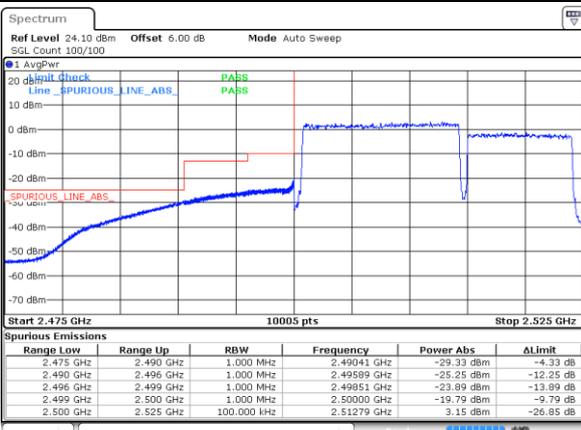
Date: 22 MAY 2021 15:44:28

Highest Band Edge / 1RB74 and 1RB0



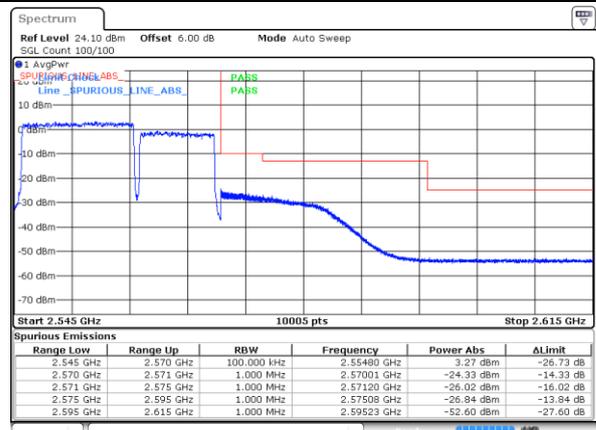
Date: 22 MAY 2021 17:09:16

Lowest Band Edge / Full RB



Date: 22 MAY 2021 15:39:25

Highest Band Edge / Full RB



Date: 22 MAY 2021 17:03:46

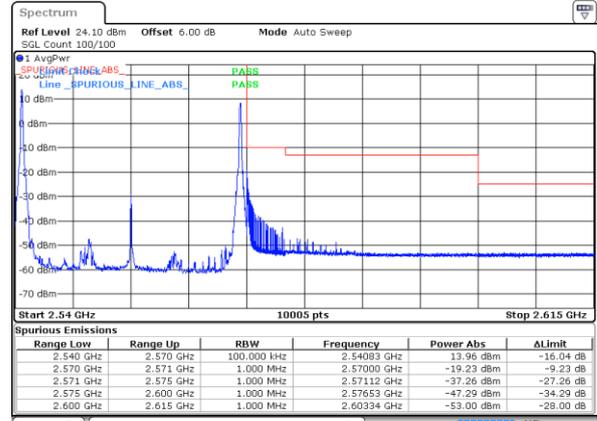
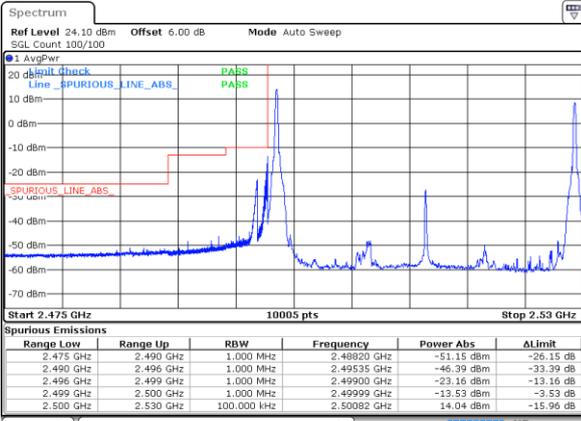


LTE Band 7 / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

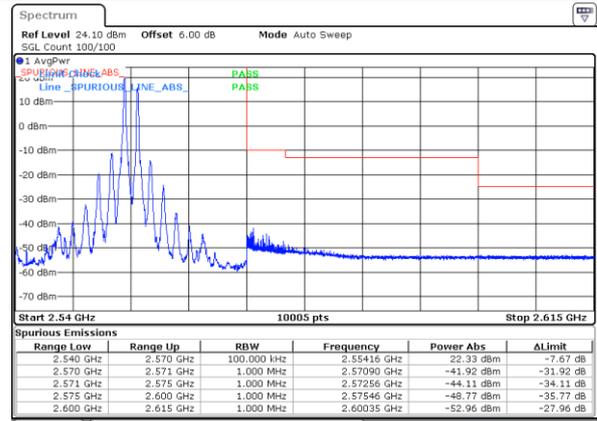
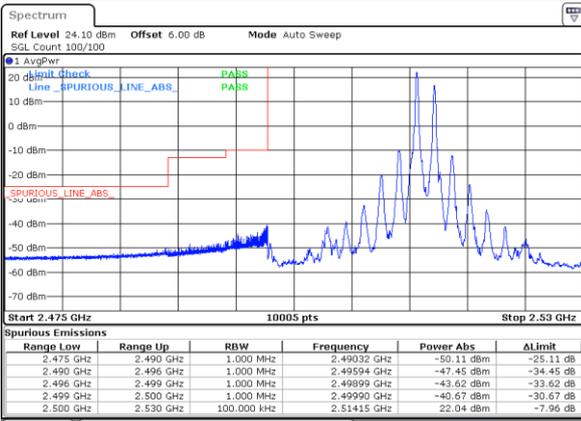


Date: 22 MAY 2021 14:58:13

Date: 22 MAY 2021 16:13:29

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

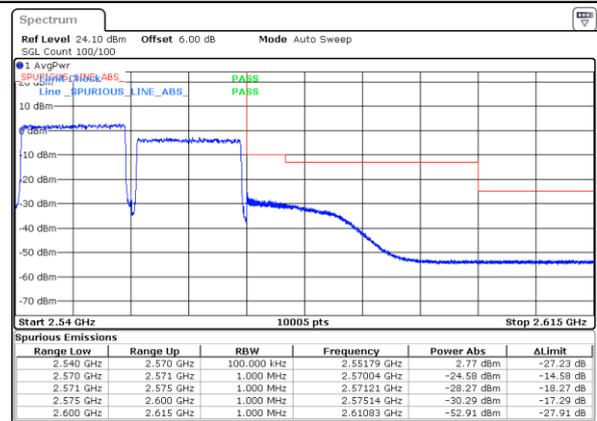
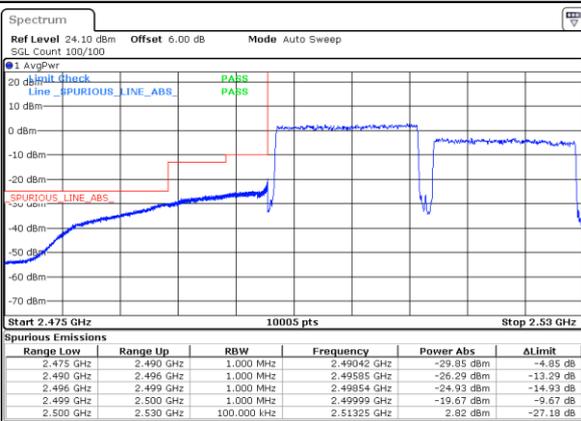


Date: 22 MAY 2021 14:58:46

Date: 22 MAY 2021 16:16:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 14:55:39

Date: 22 MAY 2021 16:12:36

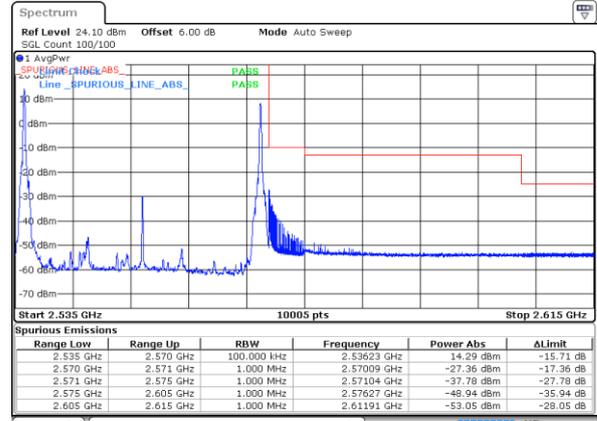
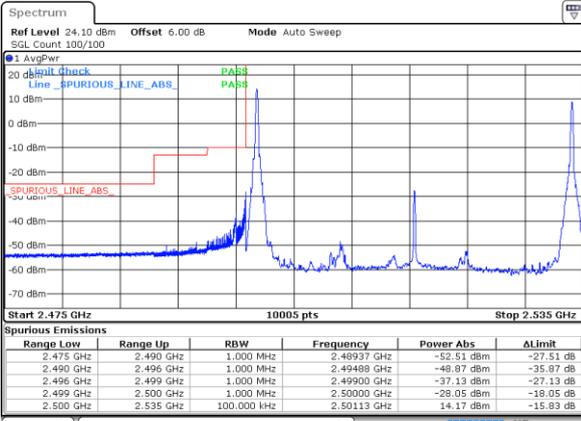


LTE Band 7 / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

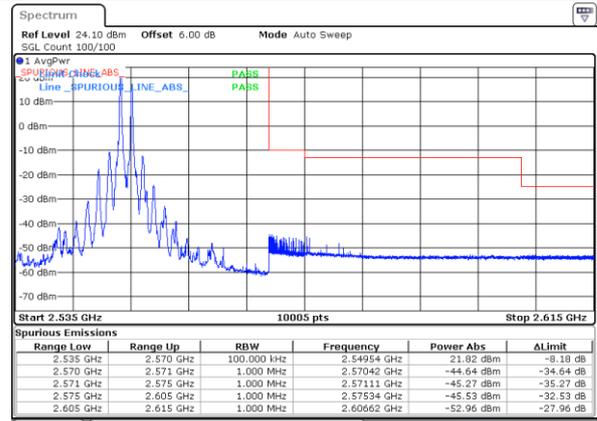
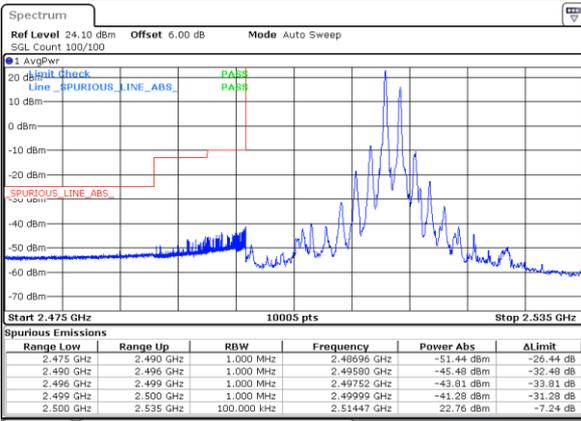


Date: 22 MAY 2021 15:06:01

Date: 22 MAY 2021 16:23:50

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

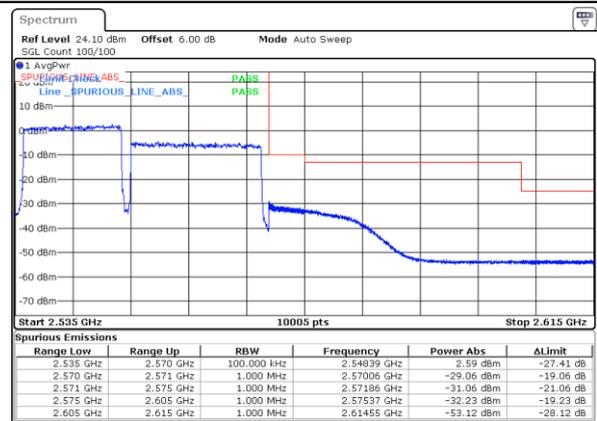
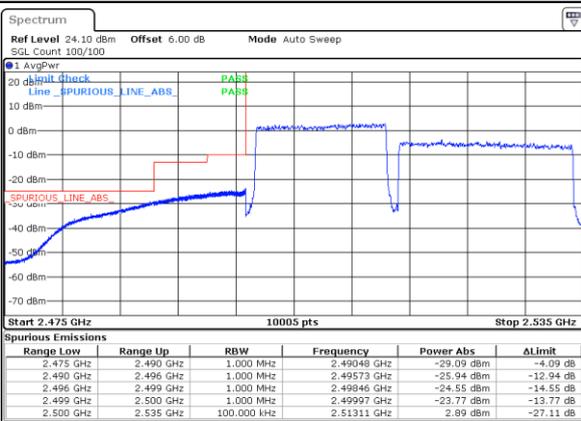


Date: 22 MAY 2021 15:13:05

Date: 22 MAY 2021 16:24:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 15:04:56

Date: 22 MAY 2021 16:18:58

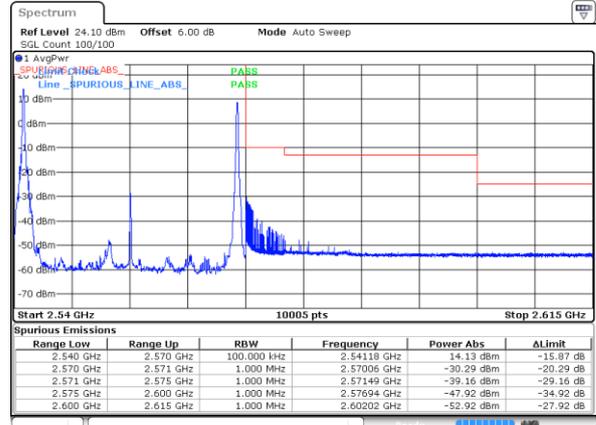
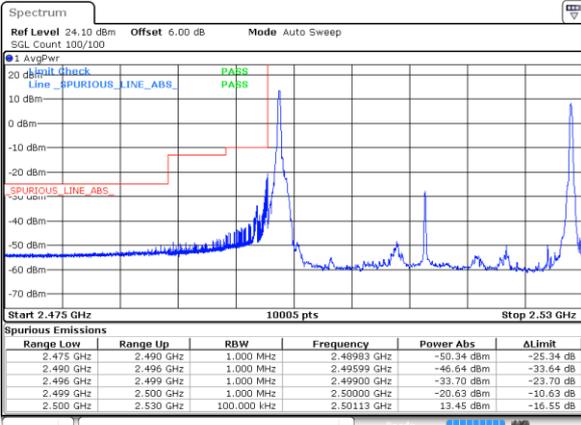


LTE Band 7 / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

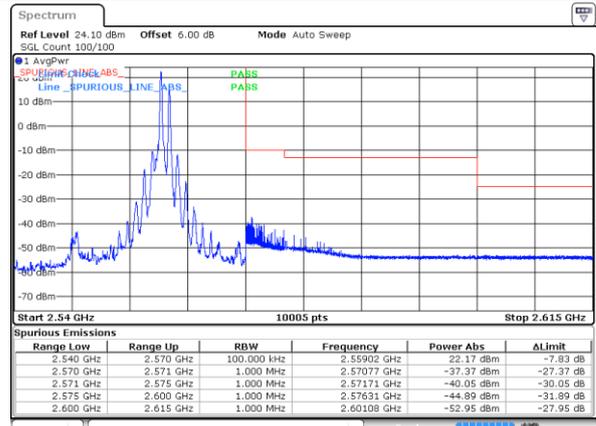
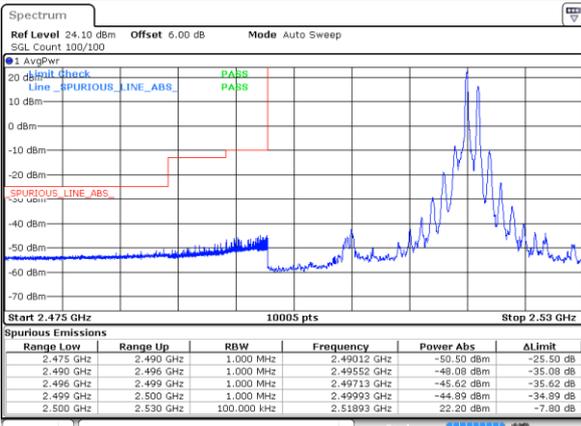


Date: 22 MAY 2021 14:51:29

Date: 22 MAY 2021 16:07:11

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

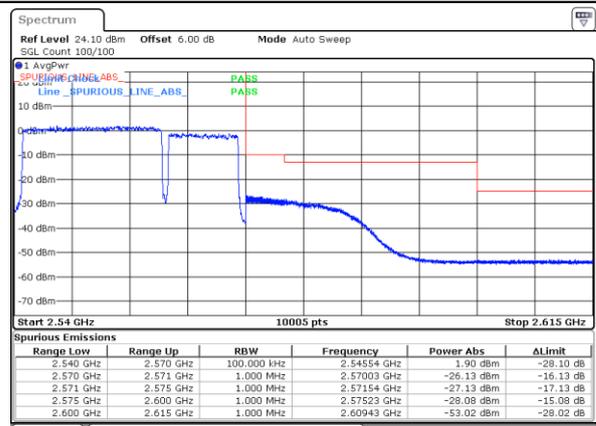
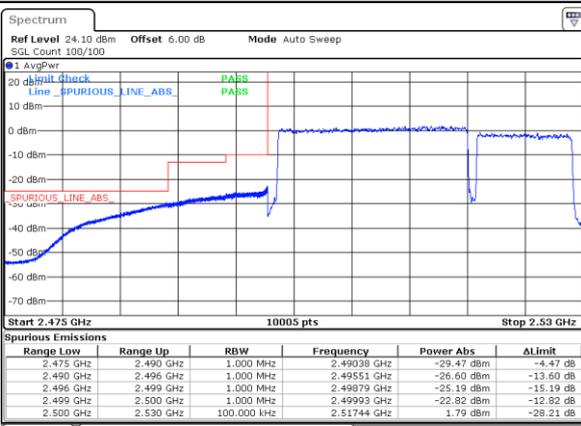


Date: 22 MAY 2021 14:53:30

Date: 22 MAY 2021 16:07:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 14:48:43

Date: 22 MAY 2021 16:03:58

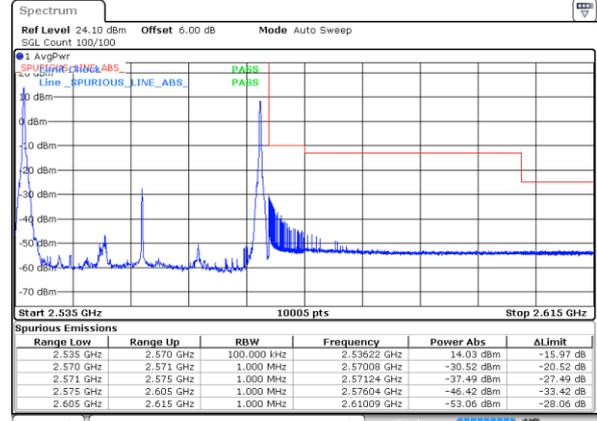
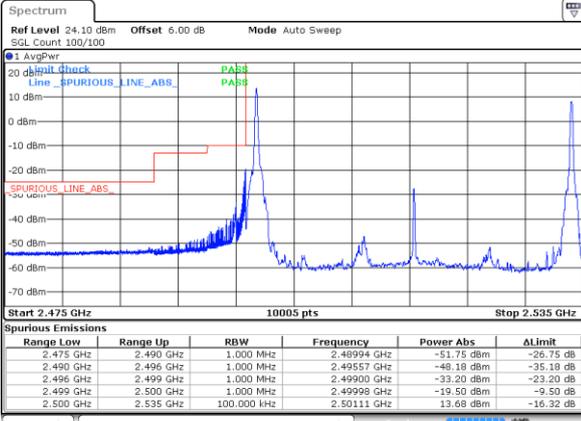


LTE Band 7 / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

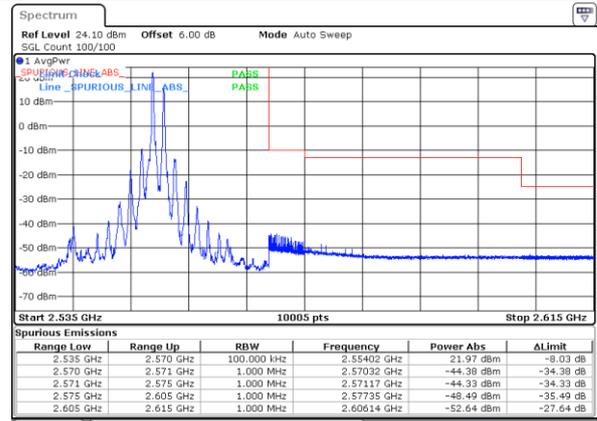
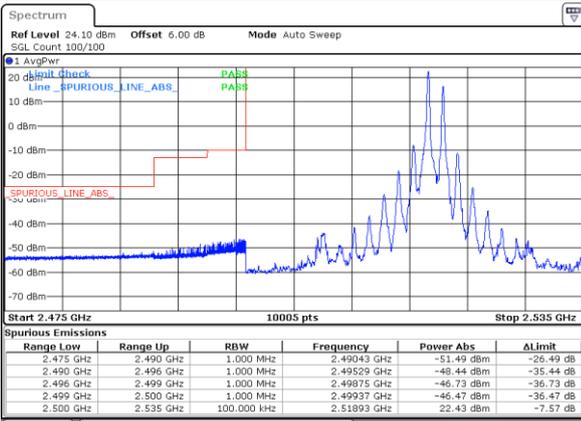


Date: 22 MAY 2021 15:17:26

Date: 22 MAY 2021 16:46:38

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

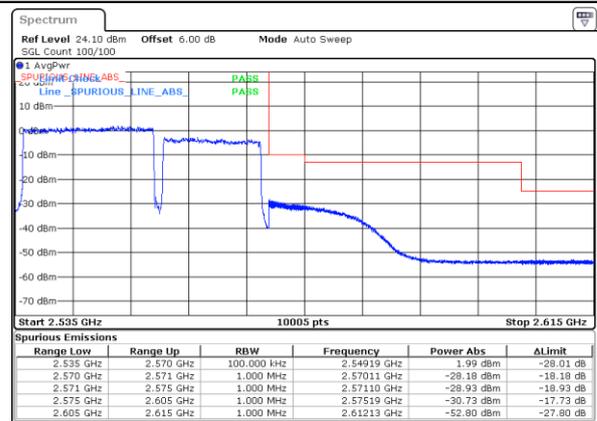
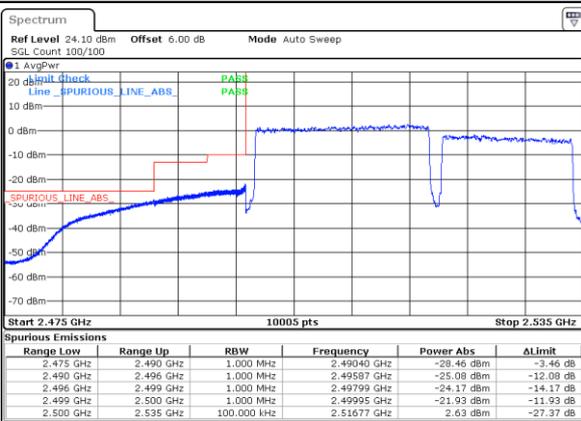


Date: 22 MAY 2021 15:19:26

Date: 22 MAY 2021 16:49:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 15:15:07

Date: 22 MAY 2021 16:31:10

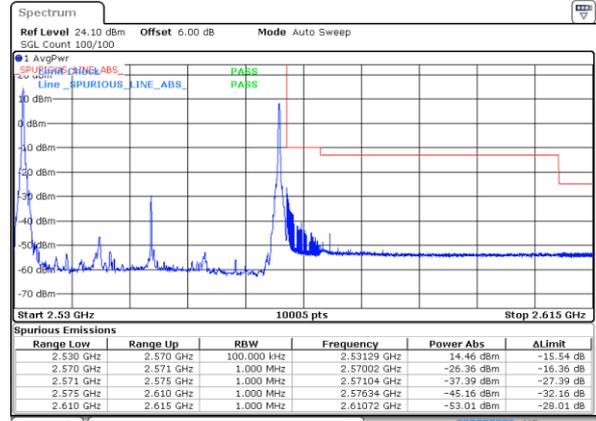
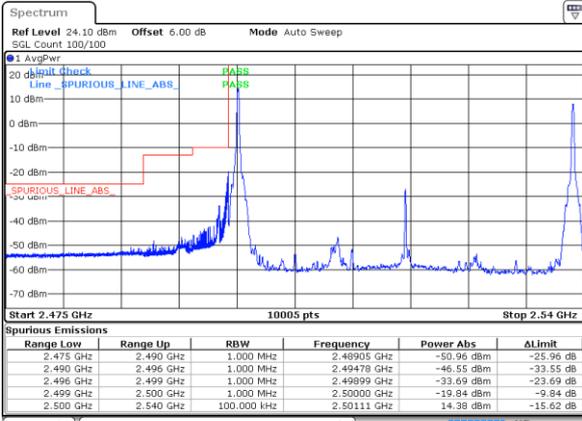


LTE Band 7 / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

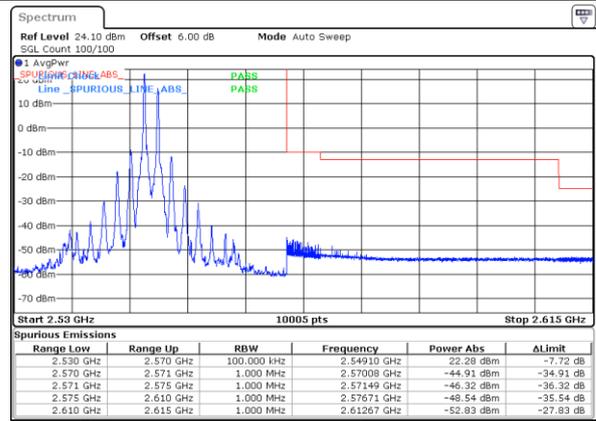
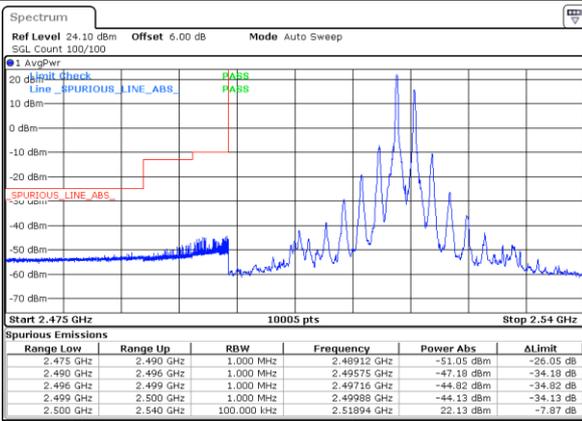


Date: 22 MAY 2021 15:35:10

Date: 22 MAY 2021 16:57:07

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

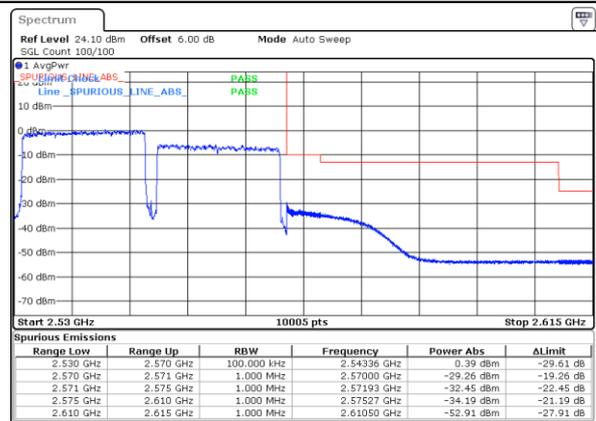
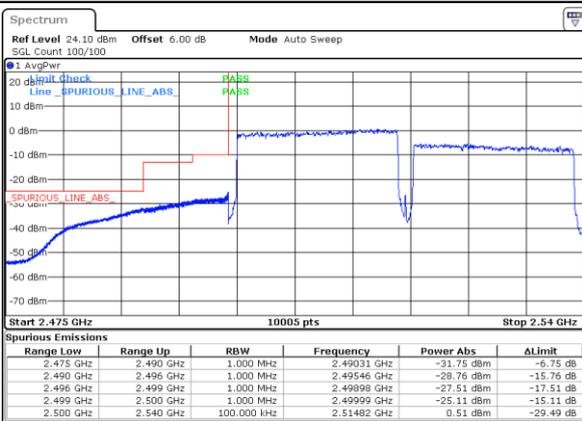


Date: 22 MAY 2021 15:37:20

Date: 22 MAY 2021 16:57:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 15:33:22

Date: 22 MAY 2021 16:53:44

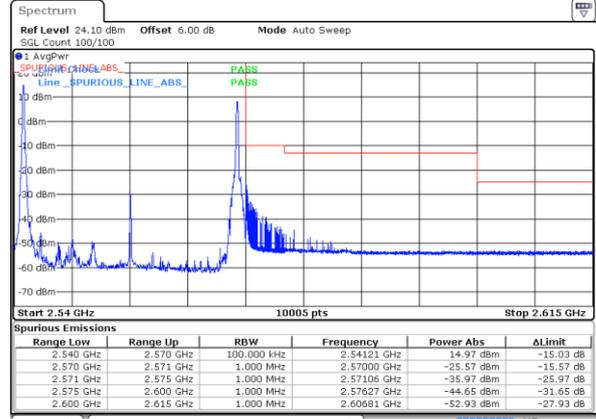
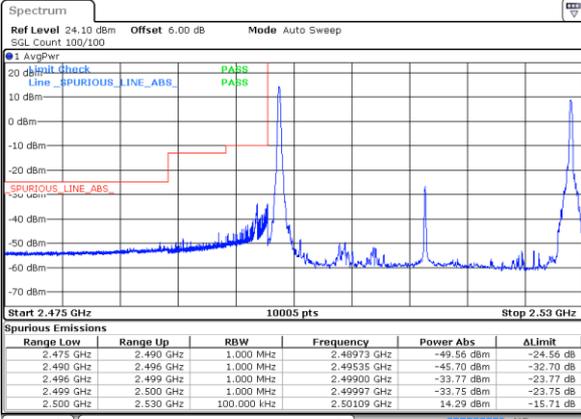


LTE Band 7 / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

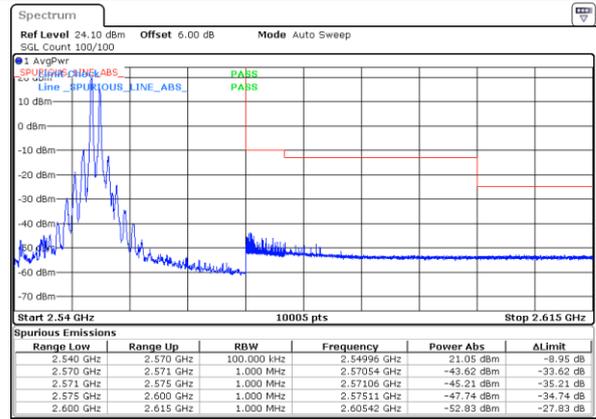
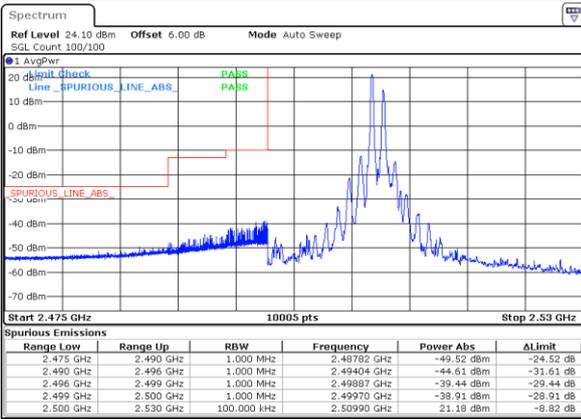


Date: 22 MAY 2021 14:37:13

Date: 22 MAY 2021 15:58:20

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

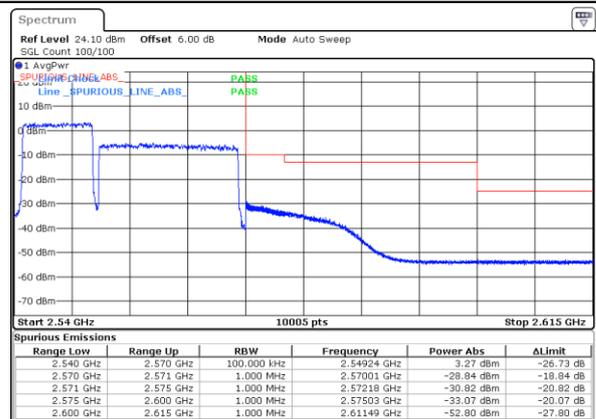
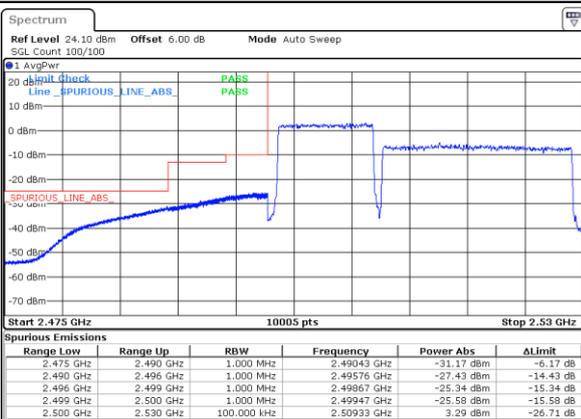


Date: 22 MAY 2021 14:38:54

Date: 22 MAY 2021 15:59:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 14:25:56

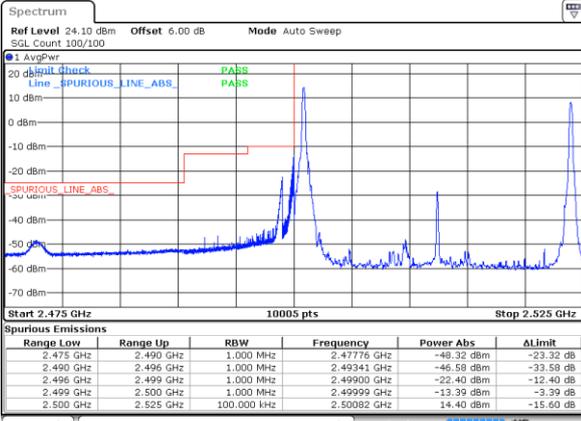
Date: 22 MAY 2021 15:52:43



LTE Band 7 / 15MHz+10MHz

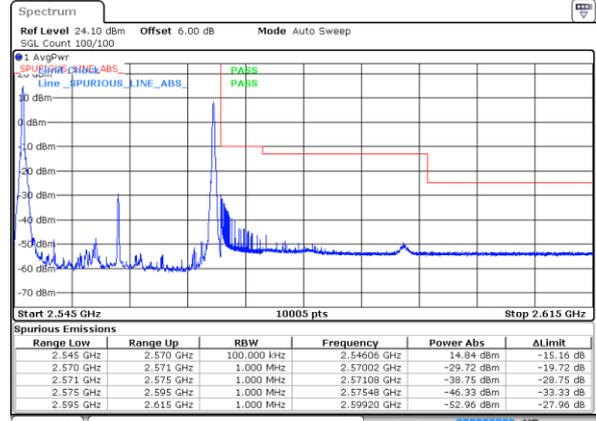
16QAM

Lowest Band Edge / 1RB0 and 1RB49



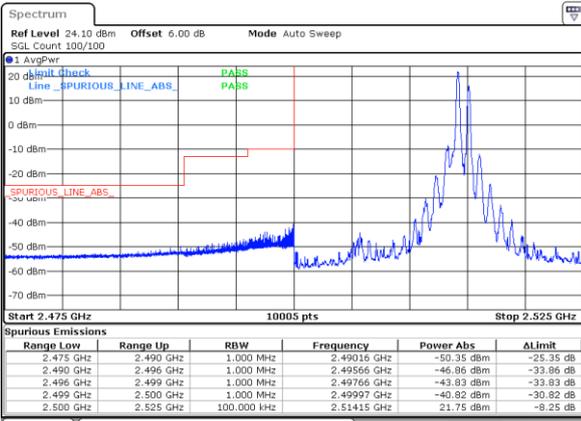
Date: 22 MAY 2021 15:42:25

Highest Band Edge / 1RB0 and 1RB49



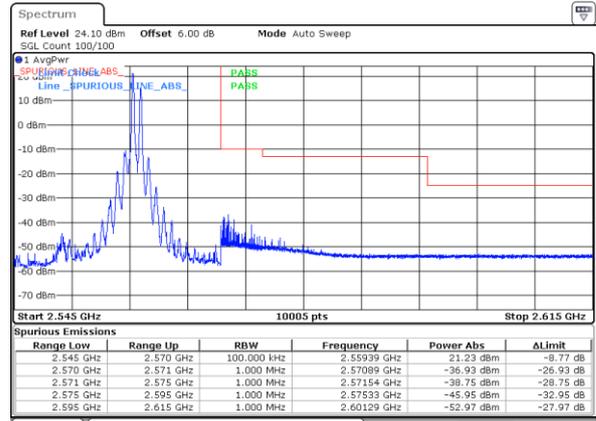
Date: 22 MAY 2021 17:07:01

Lowest Band Edge / 1RB74 and 1RB0



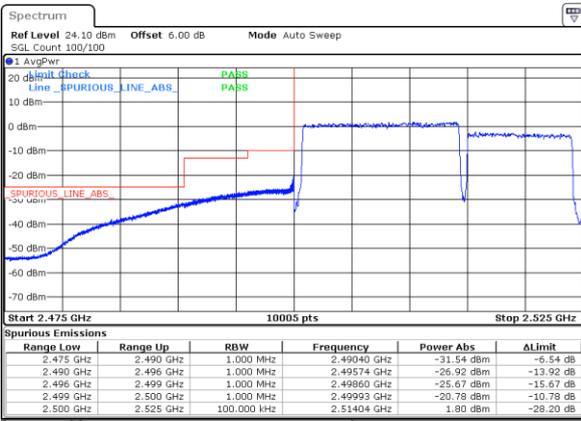
Date: 22 MAY 2021 15:44:47

Highest Band Edge / 1RB74 and 1RB0



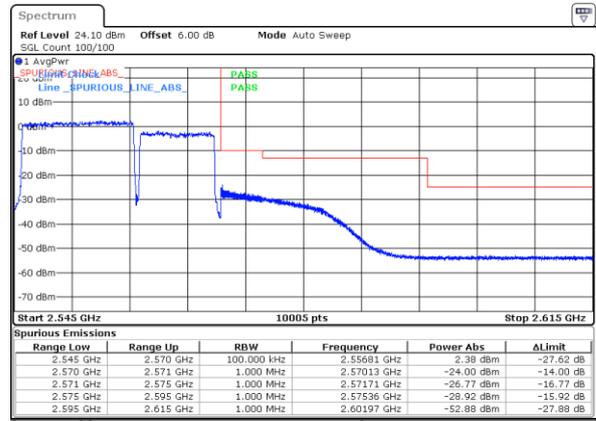
Date: 22 MAY 2021 17:09:55

Lowest Band Edge / Full RB



Date: 22 MAY 2021 15:39:47

Highest Band Edge / Full RB



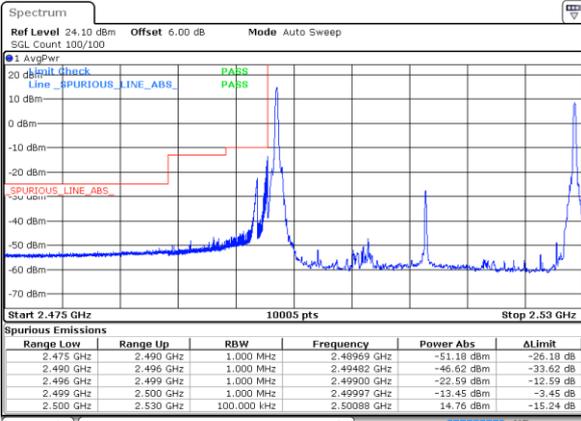
Date: 22 MAY 2021 17:04:13



LTE Band 7 / 15MHz+15MHz

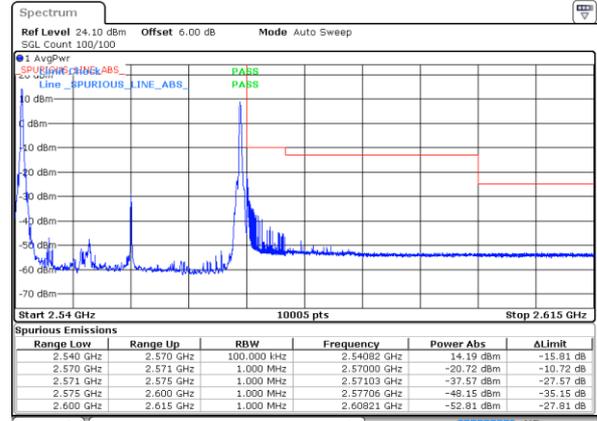
16QAM

Lowest Band Edge / 1RB0 and 1RB74



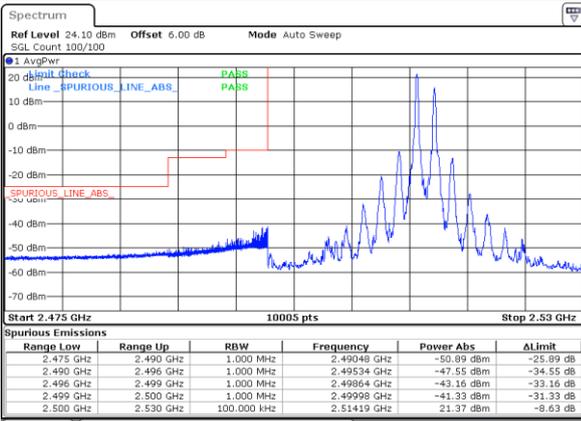
Date: 22 MAY 2021 14:57:54

Highest Band Edge / 1RB0 and 1RB74



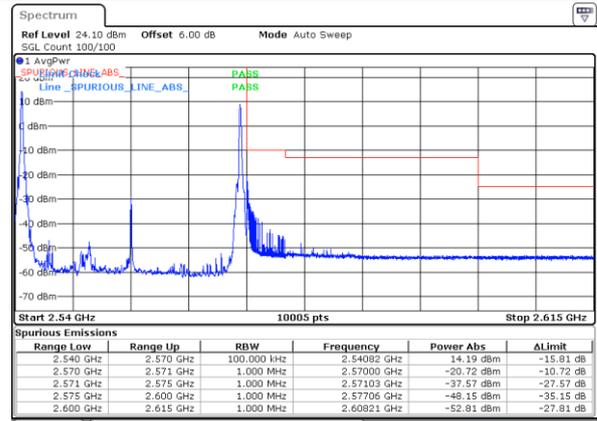
Date: 22 MAY 2021 16:13:57

Lowest Band Edge / 1RB74 and 1RB0



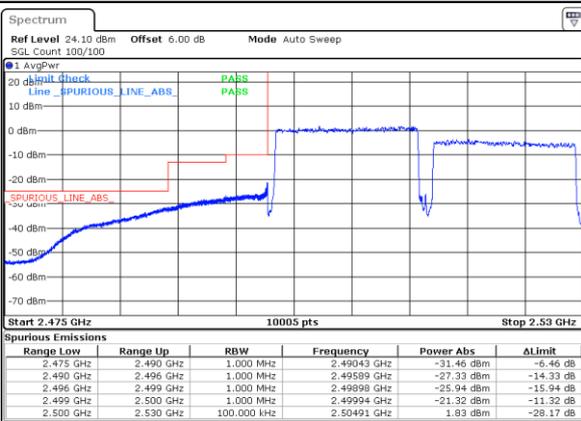
Date: 22 MAY 2021 14:59:33

Highest Band Edge / 1RB74 and 1RB0



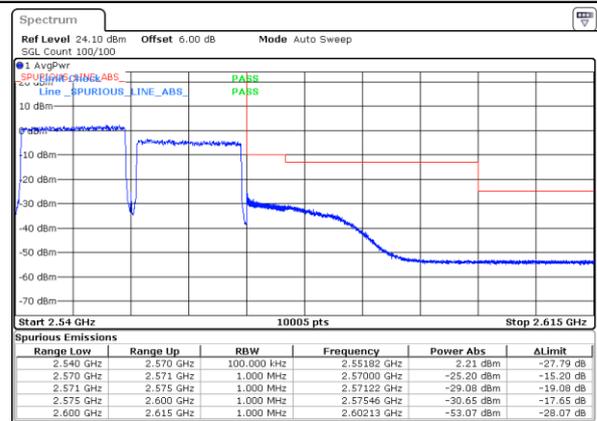
Date: 22 MAY 2021 16:13:57

Lowest Band Edge / Full RB



Date: 22 MAY 2021 14:56:34

Highest Band Edge / Full RB



Date: 22 MAY 2021 16:12:07

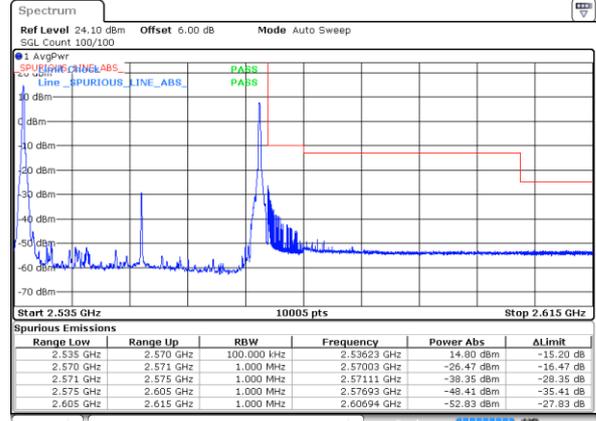
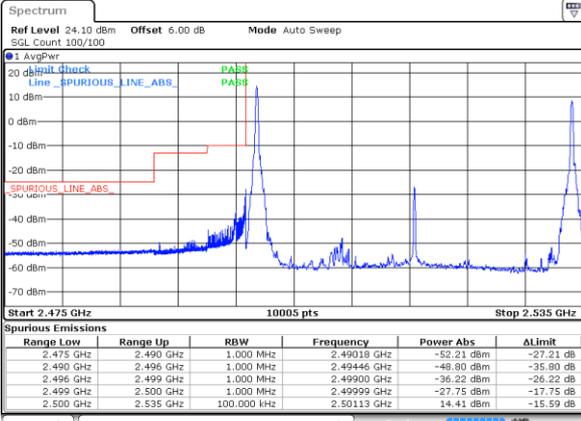


LTE Band 7 / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

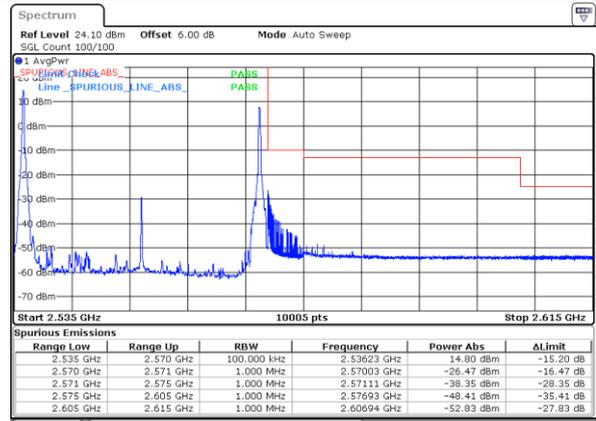
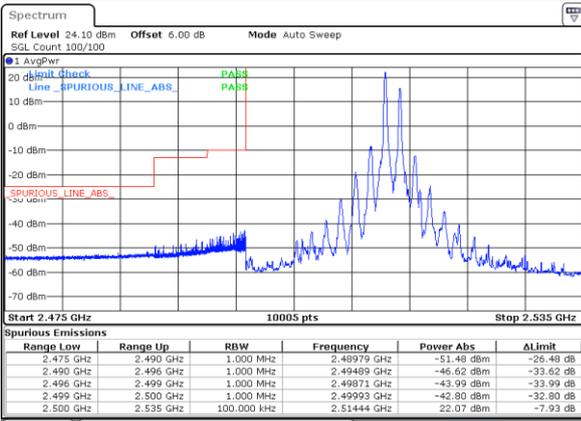


Date: 22 MAY 2021 15:06:34

Date: 22 MAY 2021 16:23:31

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

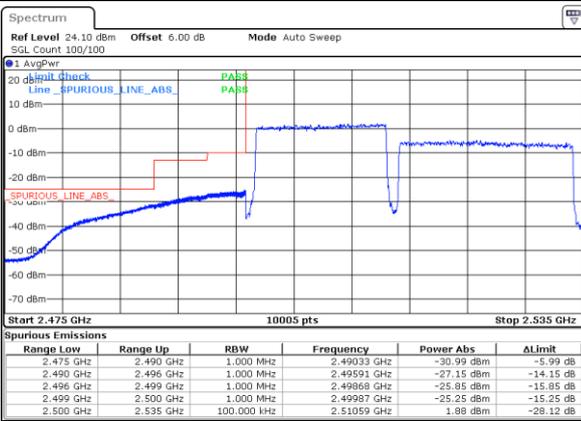


Date: 22 MAY 2021 15:12:40

Date: 22 MAY 2021 16:23:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 15:04:14

Date: 22 MAY 2021 16:20:06

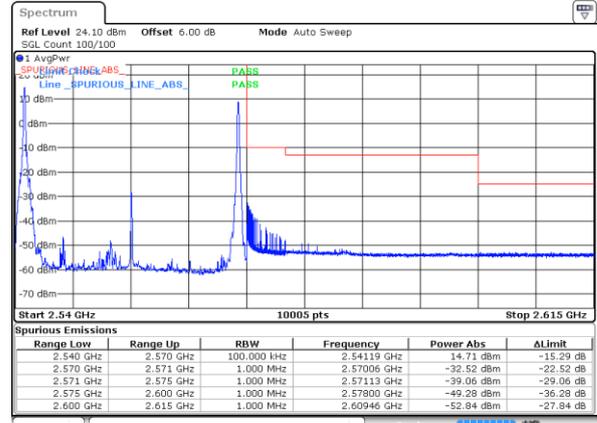
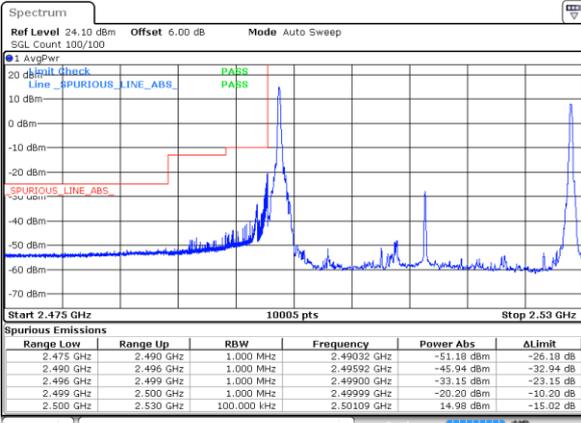


LTE Band 7 / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

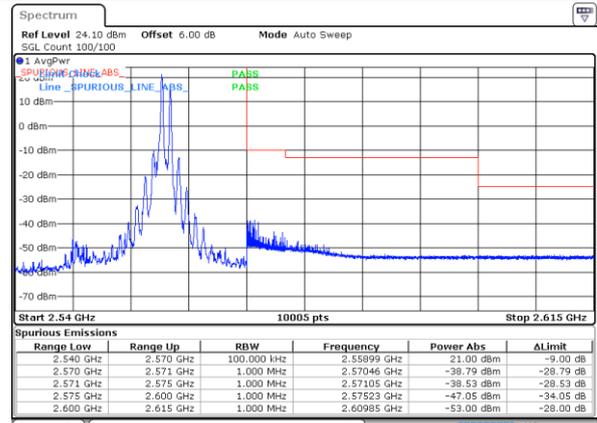
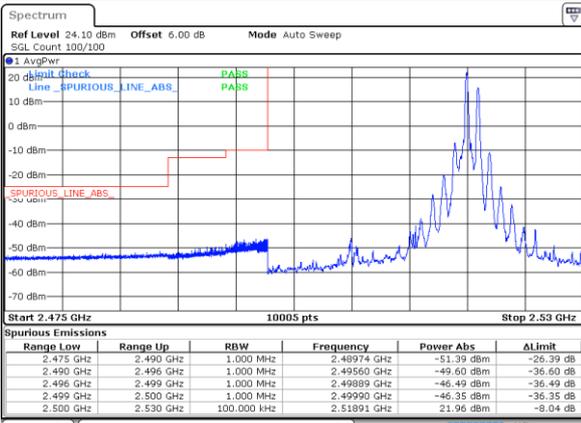


Date: 22 MAY 2021 14:51:50

Date: 22 MAY 2021 16:06:53

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

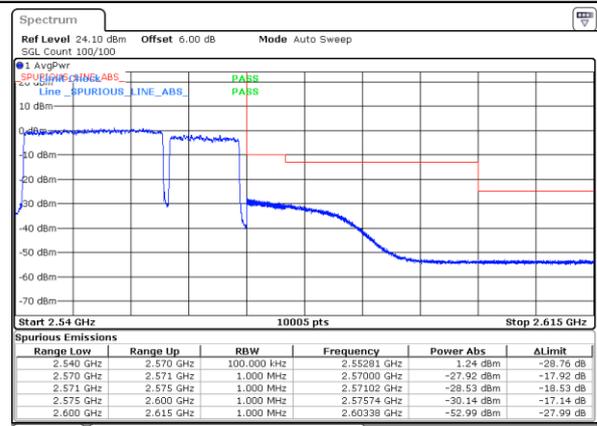
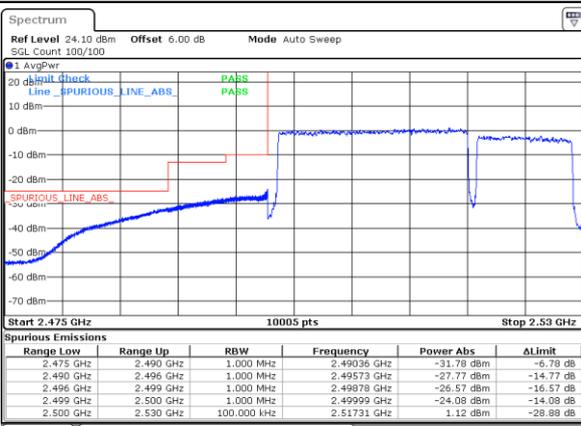


Date: 22 MAY 2021 14:52:55

Date: 22 MAY 2021 16:08:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 14:49:11

Date: 22 MAY 2021 16:04:48

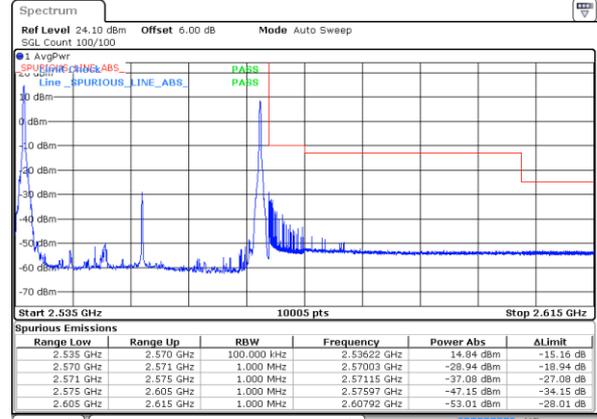
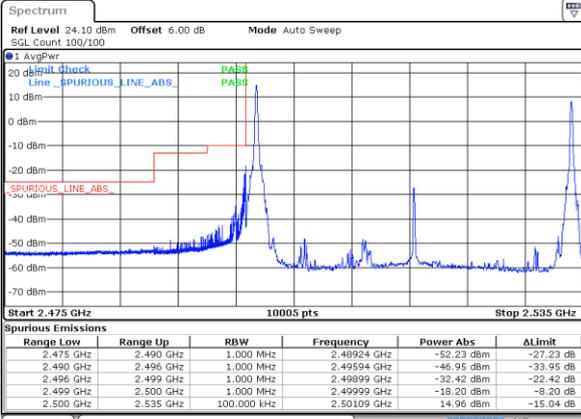


LTE Band 7 / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

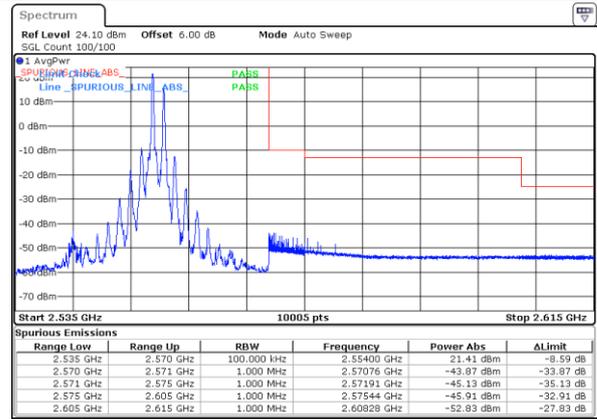
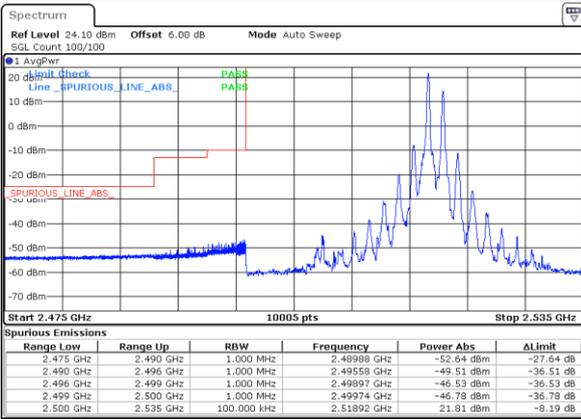


Date: 22 MAY 2021 15:17:02

Date: 22 MAY 2021 16:47:38

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

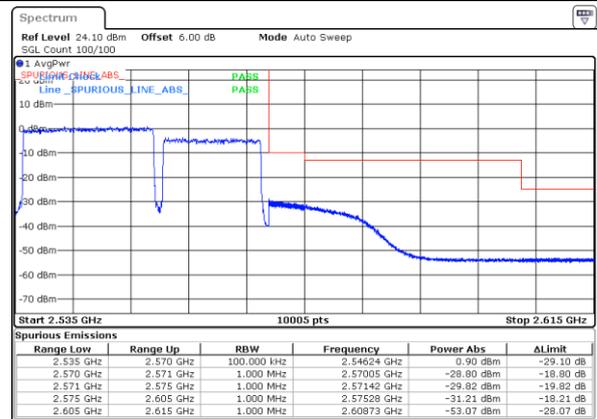
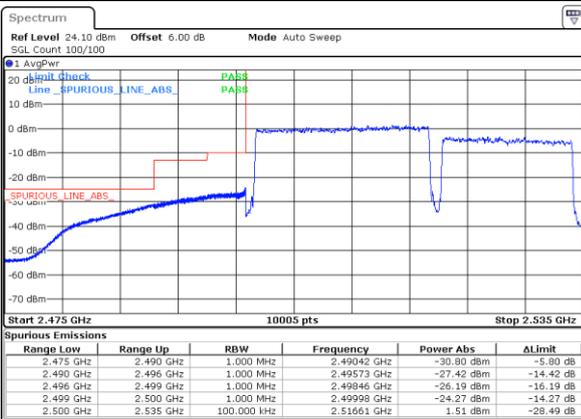


Date: 22 MAY 2021 15:19:48

Date: 22 MAY 2021 16:49:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 15:15:40

Date: 22 MAY 2021 16:30:13

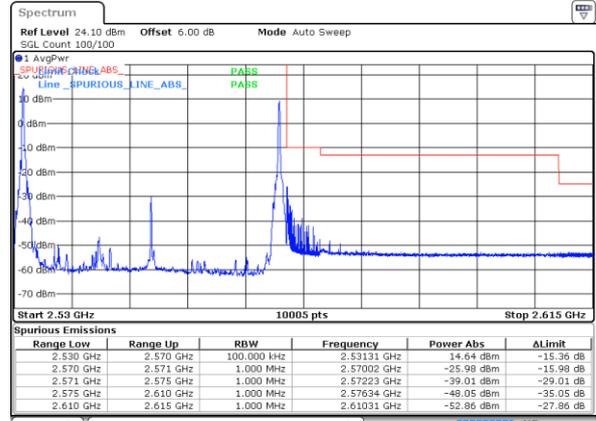
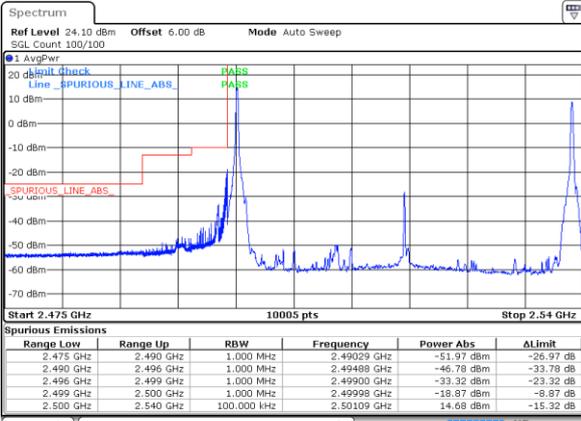


LTE Band 7 / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

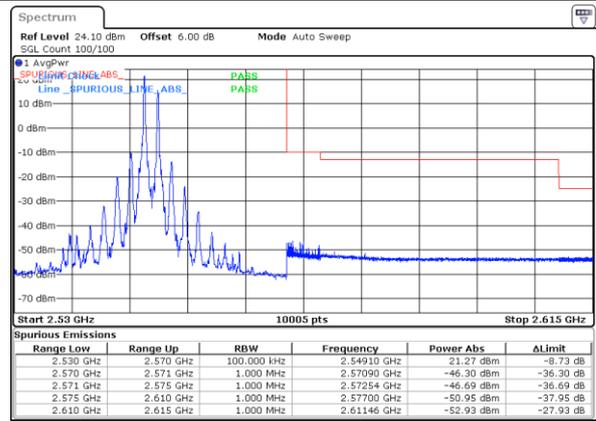
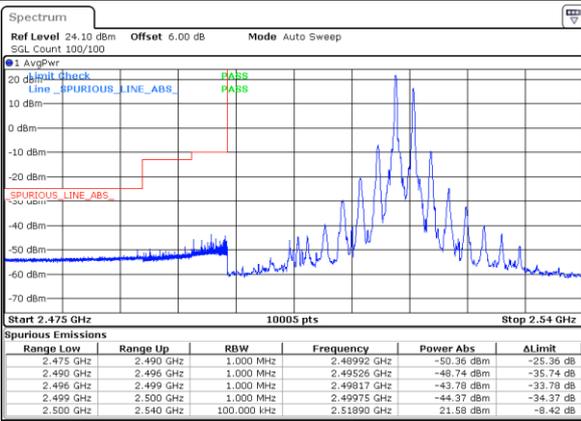


Date: 22 MAY 2021 15:35:40

Date: 22 MAY 2021 16:56:29

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

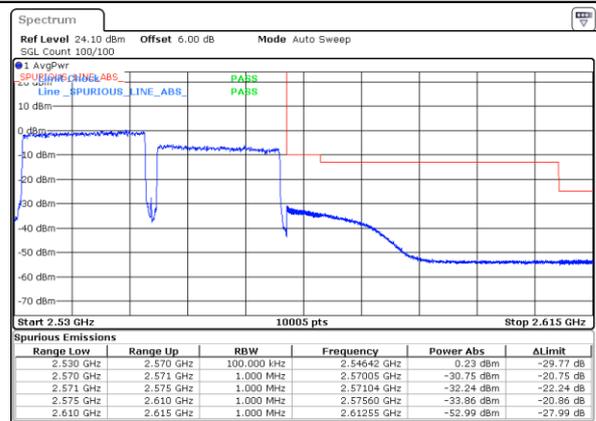
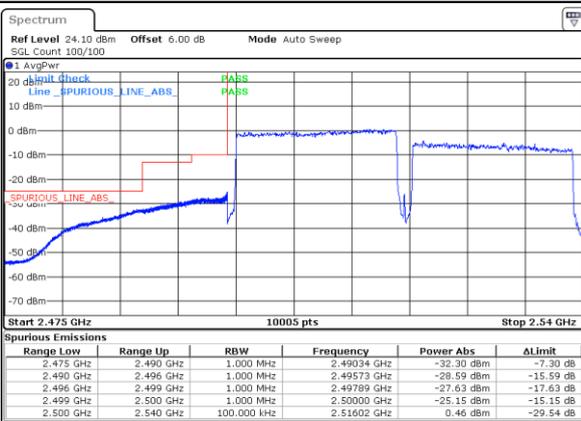


Date: 22 MAY 2021 15:36:59

Date: 22 MAY 2021 16:58:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 15:32:56

Date: 22 MAY 2021 16:54:09

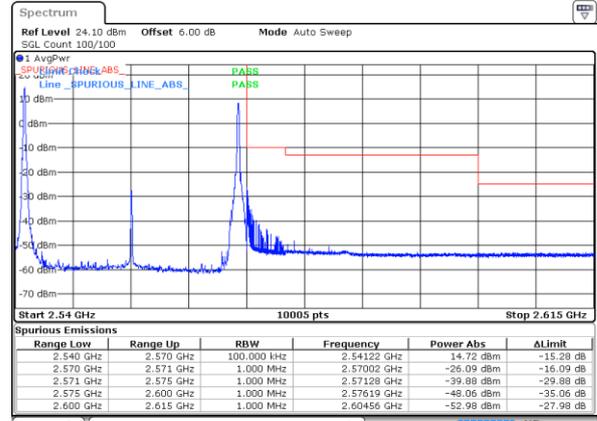
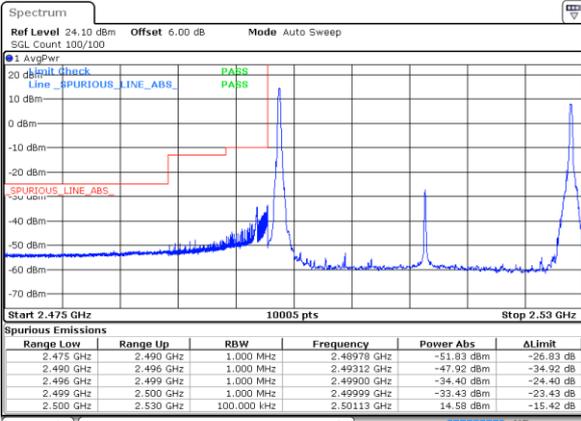


LTE Band 7 / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

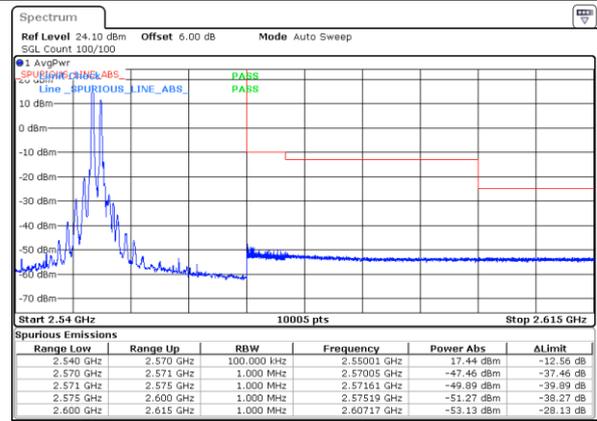
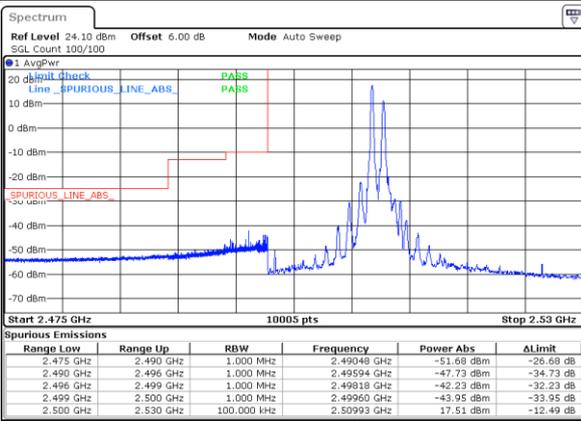


Date: 22 MAY 2021 14:36:53

Date: 22 MAY 2021 15:58:40

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

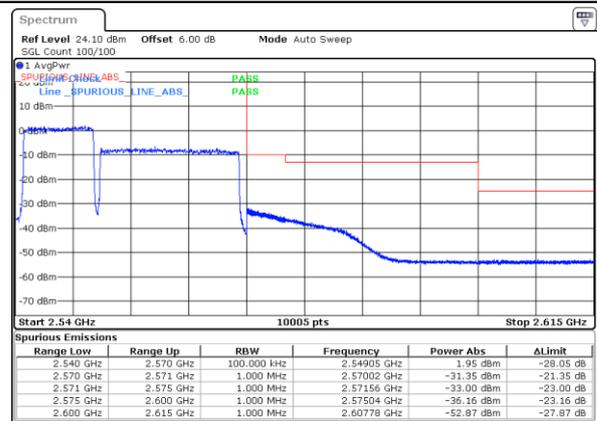
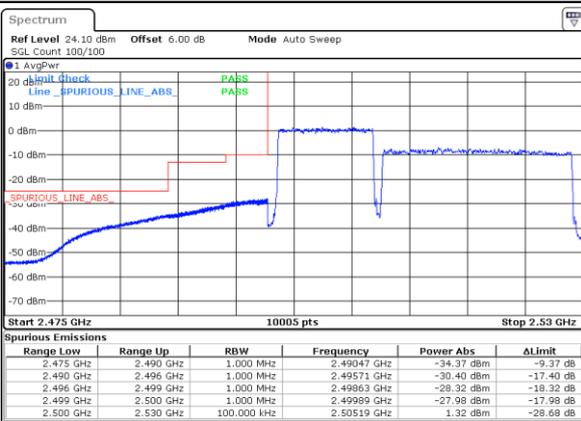


Date: 22 MAY 2021 14:39:22

Date: 22 MAY 2021 15:59:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 14:36:17

Date: 22 MAY 2021 15:51:02

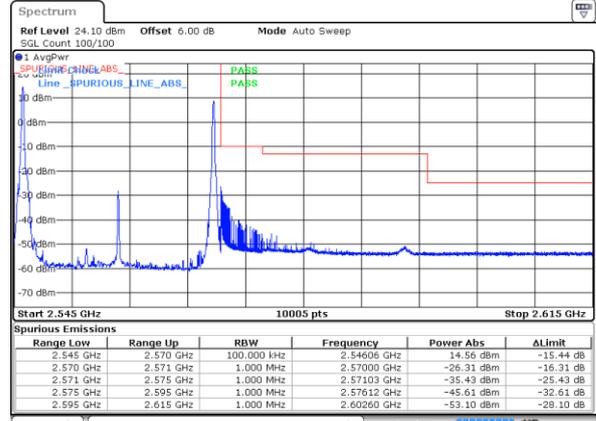
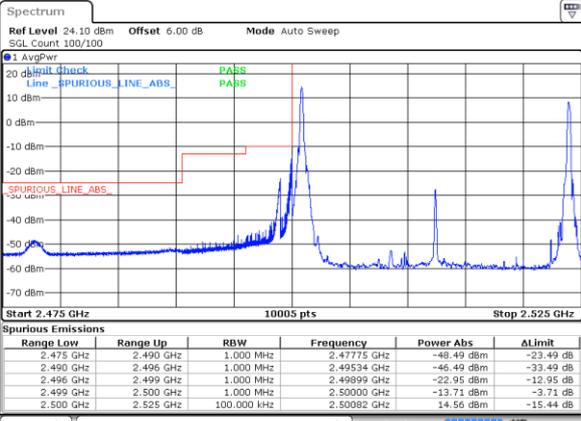


LTE Band 7 / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

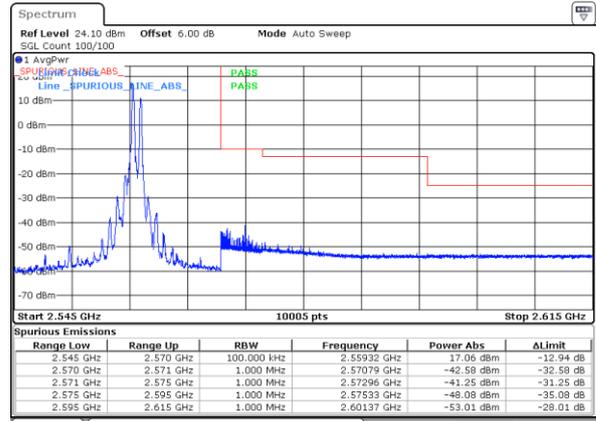
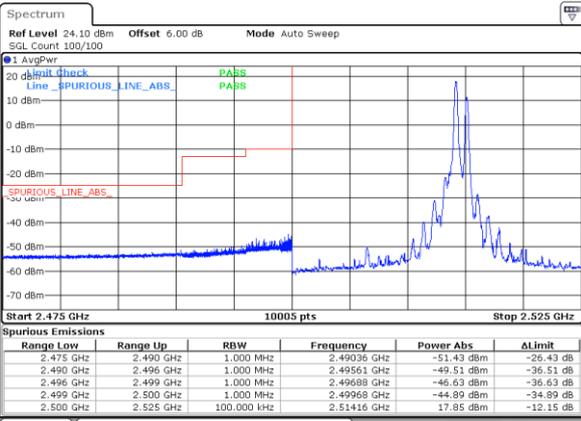


Date: 22 MAY 2021 15:41:51

Date: 22 MAY 2021 17:05:54

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

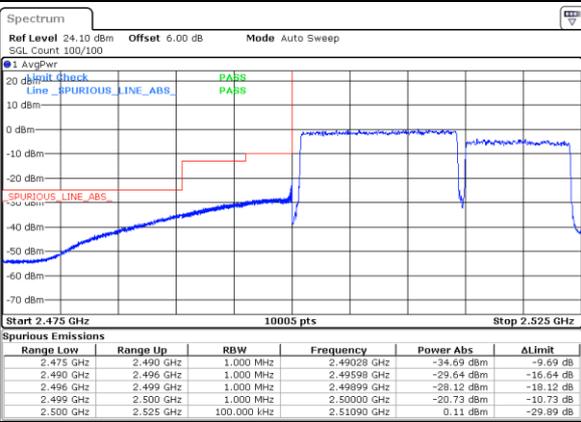


Date: 22 MAY 2021 15:45:09

Date: 22 MAY 2021 17:10:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 MAY 2021 15:40:48

Date: 22 MAY 2021 17:04:52