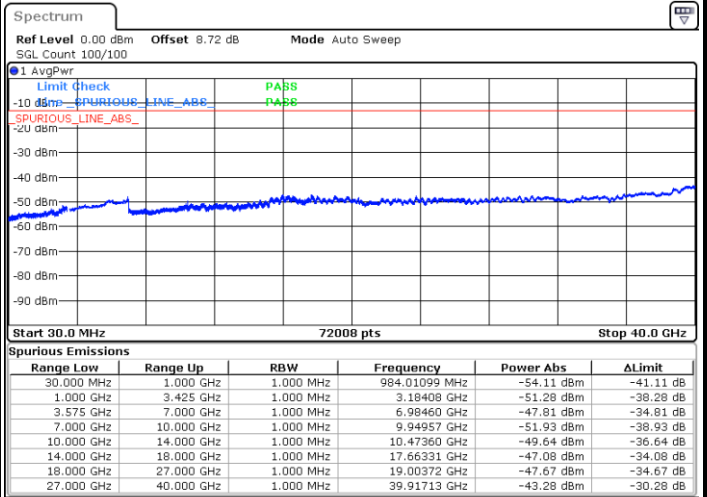
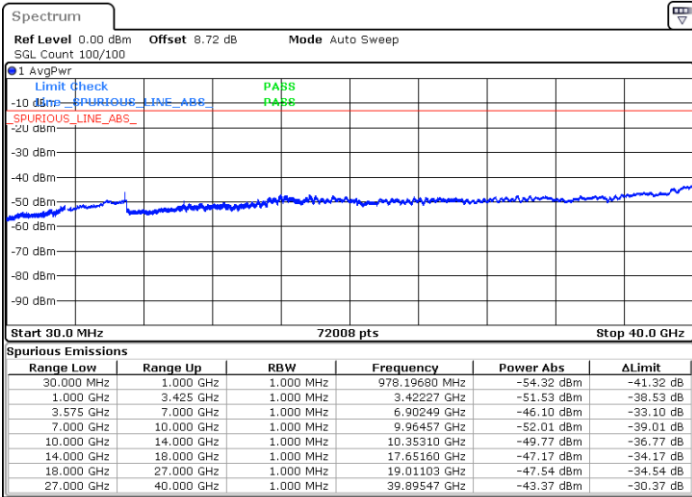




LTE Band 42 / 20MHz

Lowest Channel / QPSK

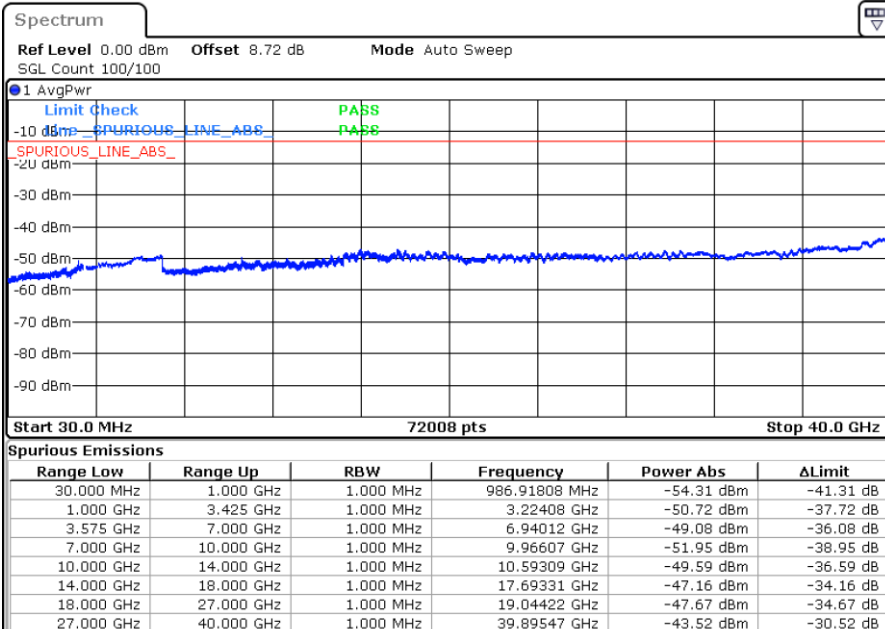
Middle Channel / QPSK



Date: 21.SEP.2022 22:25:30

Date: 21.SEP.2022 22:27:51

Highest Channel / QPSK



Date: 21.SEP.2022 22:29:35

## Frequency Stability

Test Conditions		LTE Band 42(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0012	

**Note:**

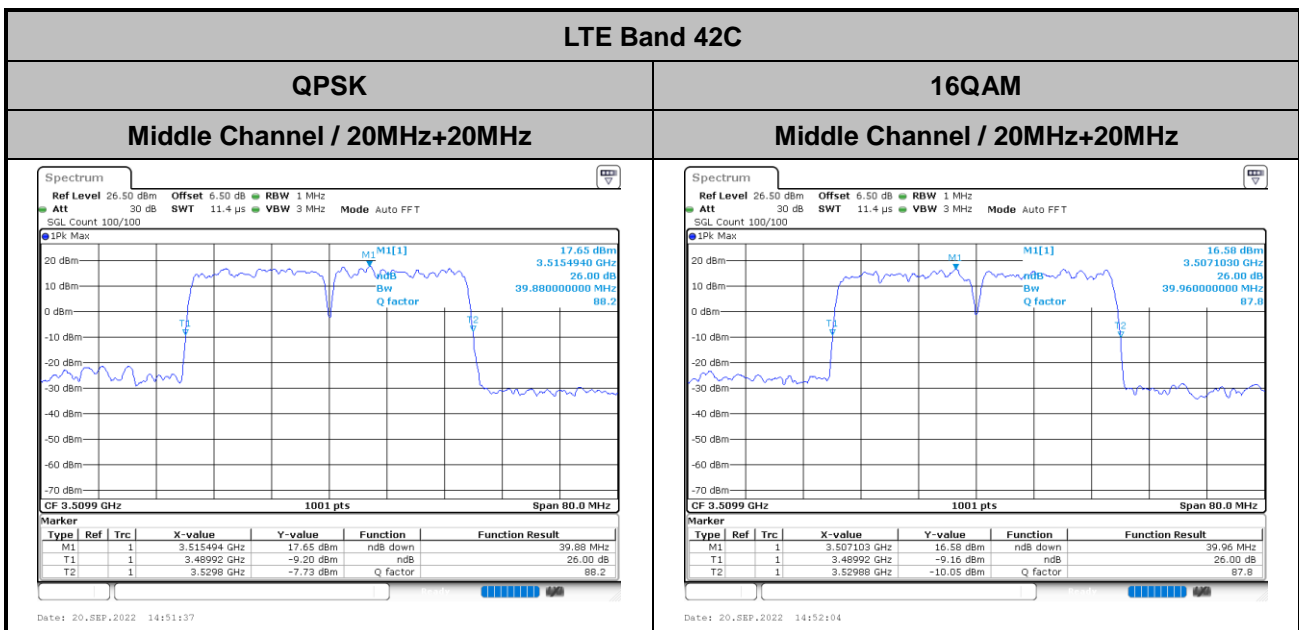
1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.27 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 42C

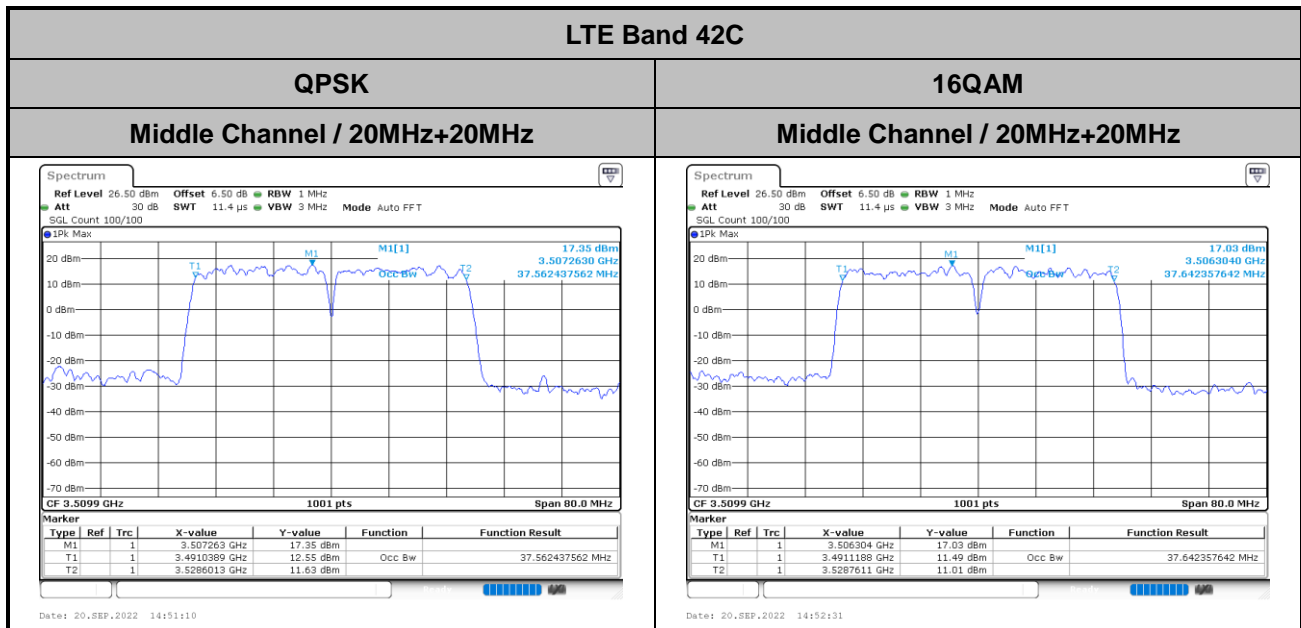
## 26dB Bandwidth

Mode	LTE Band 42C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.88	39.96



## Occupied Bandwidth

<b>Mode</b>	<b>LTE Band 42C : 99%OBW(MHz)</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>BW</b>	<b>20MHz+20MHz</b>	<b>20MHz+20MHz</b>
<b>Middle CH</b>	<b>37.56</b>	<b>37.64</b>



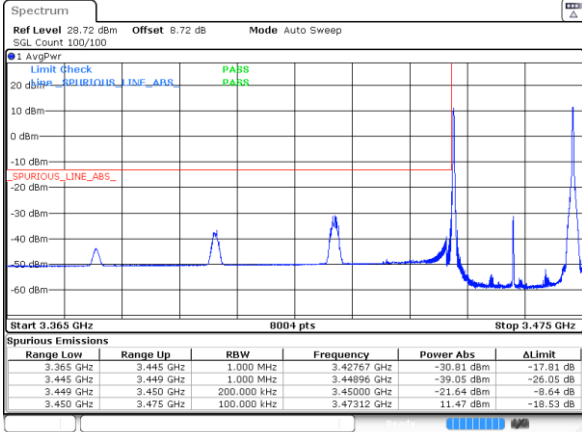


# Conducted Band Edge

## LTE Band 42C / 5MHz+20MHz

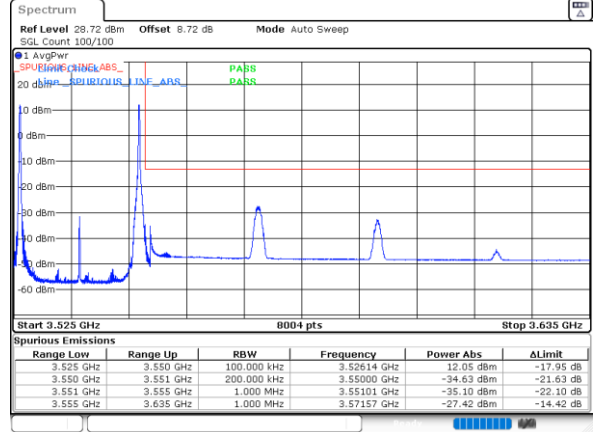
### QPSK

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



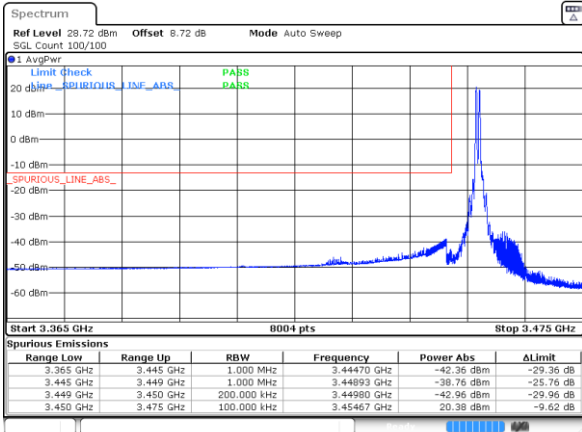
Date: 19 SEP 2022 20:37:22

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



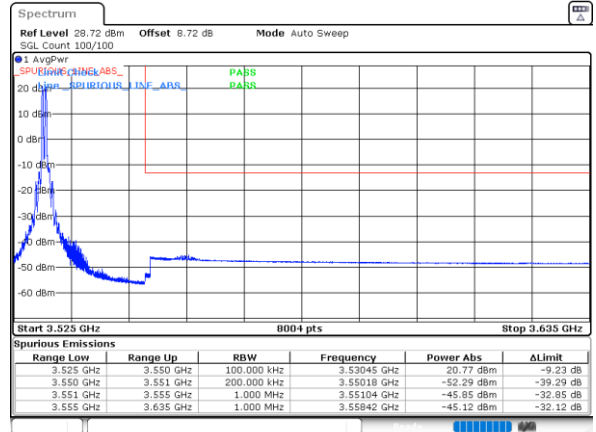
Date: 20 SEP 2022 12:01:03

#### Lowest Band Edge / 1RB24 and 1RB0



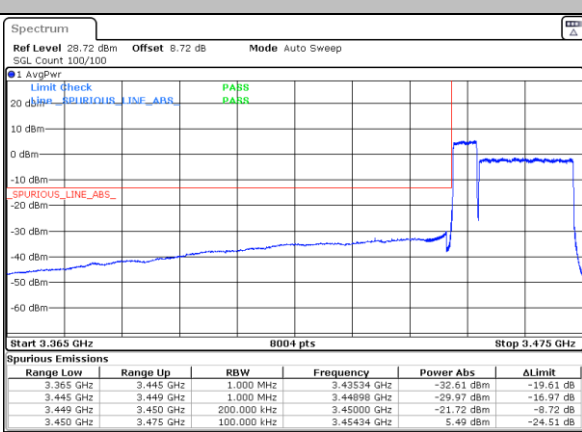
Date: 19 SEP 2022 20:51:16

#### Highest Band Edge / 1RB24 and 1RB0



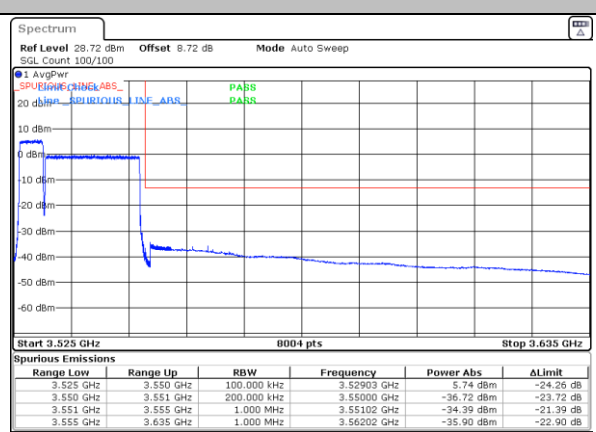
Date: 20 SEP 2022 12:08:22

#### Lowest Band Edge / Full RB



Date: 19 SEP 2022 20:53:59

#### Highest Band Edge / Full RB

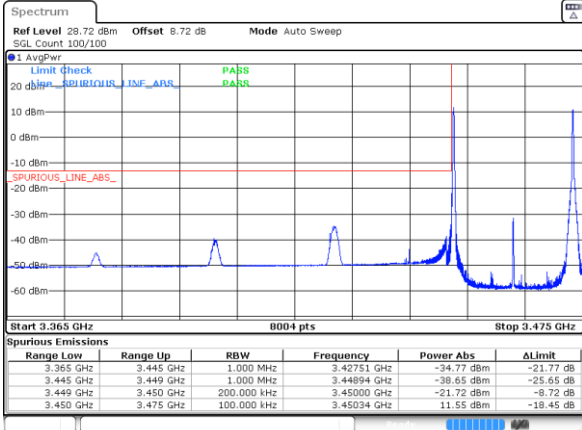


Date: 20 SEP 2022 12:14:18



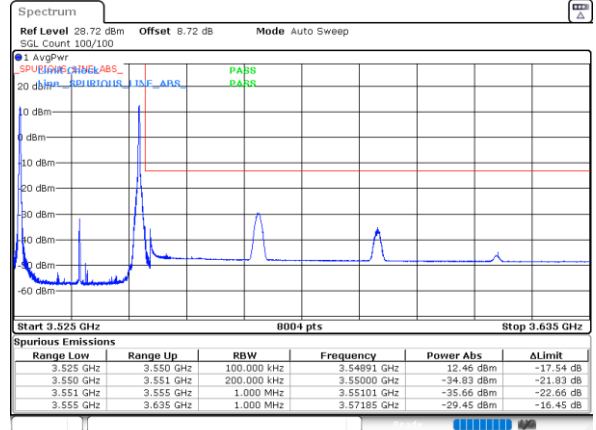
LTE Band 42C / 5MHz+20MHz  
16QAM

Lowest Band Edge / 1RB0 and 1RB9



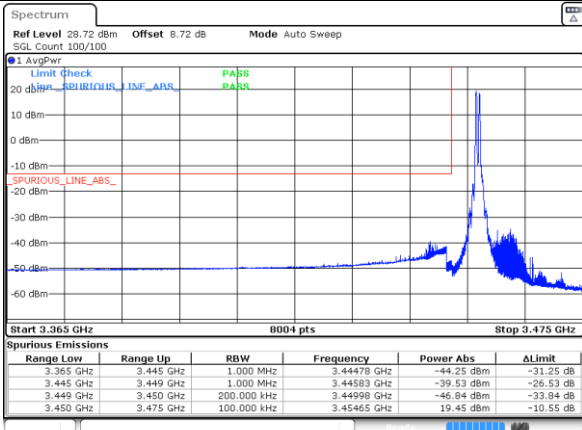
Date: 19 SEP 2022 20:41:18

Highest Band Edge / 1RB0 and 1RB9



Date: 20 SEP 2022 12:05:01

Lowest Band Edge / 1RB24 and 1RB0



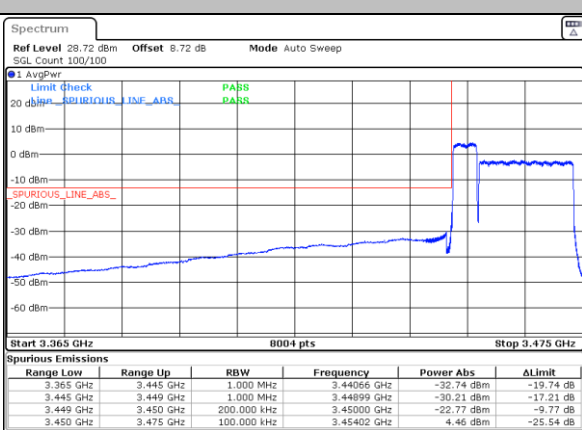
Date: 19 SEP 2022 20:49:52

Highest Band Edge / 1RB24 and 1RB0



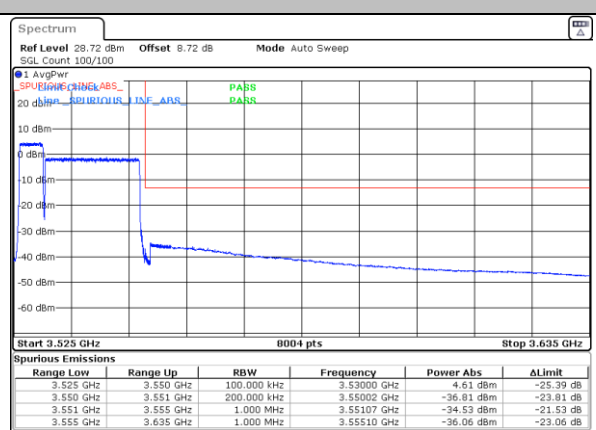
Date: 20 SEP 2022 12:10:58

Lowest Band Edge / Full RB



Date: 19 SEP 2022 20:55:17

Highest Band Edge / Full RB



Date: 20 SEP 2022 12:15:25

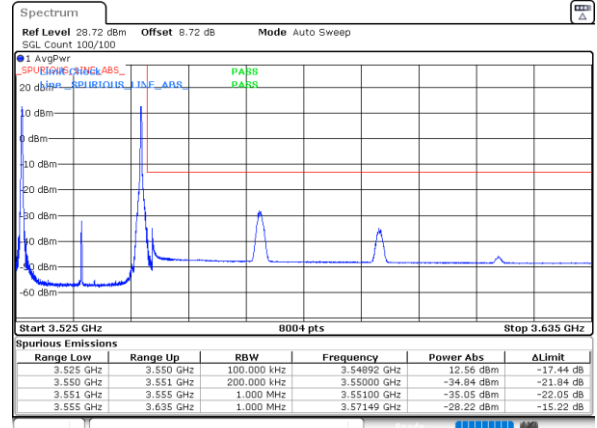
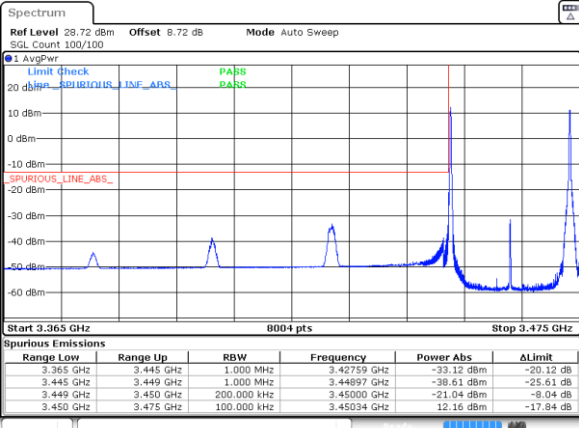


LTE Band 42C / 5MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

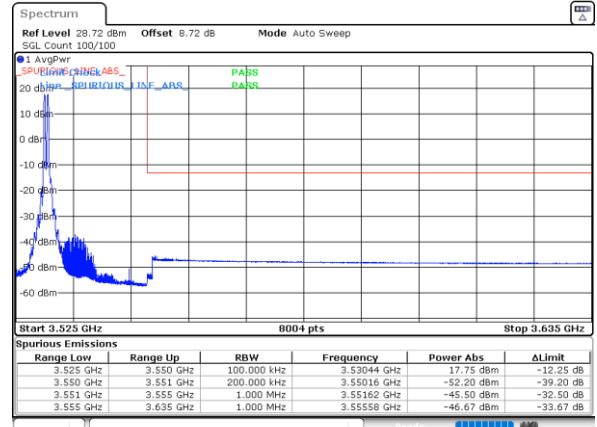
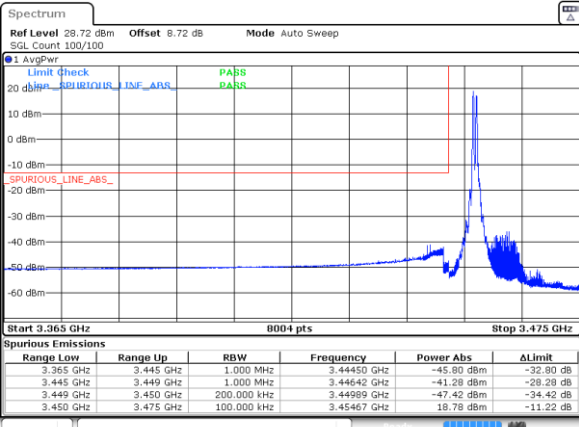


Date: 19 SEP 2022 20:43:06

Date: 20 SEP 2022 12:06:08

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

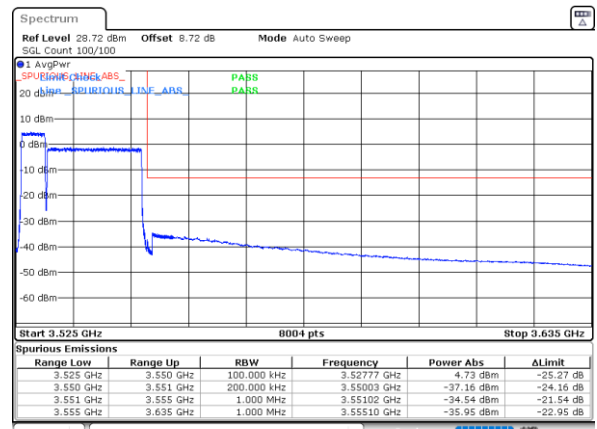
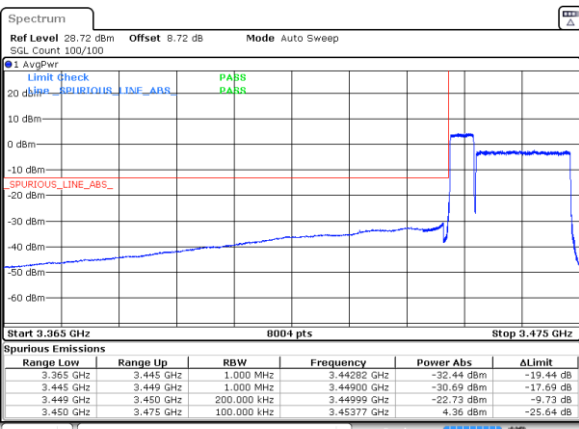


Date: 19 SEP 2022 20:48:44

Date: 20 SEP 2022 12:12:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19 SEP 2022 21:02:08

Date: 20 SEP 2022 12:16:32

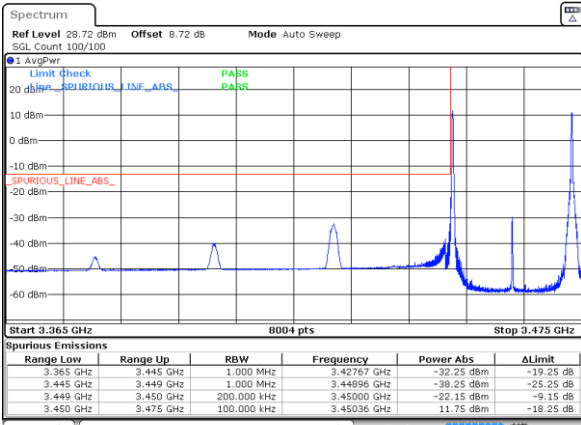


LTE Band 42C / 5MHz+20MHz

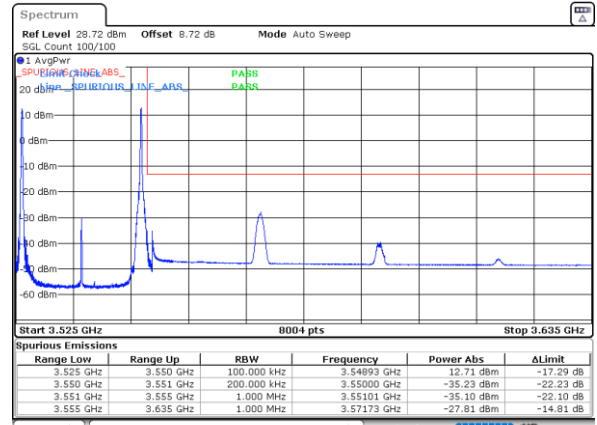
256QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99



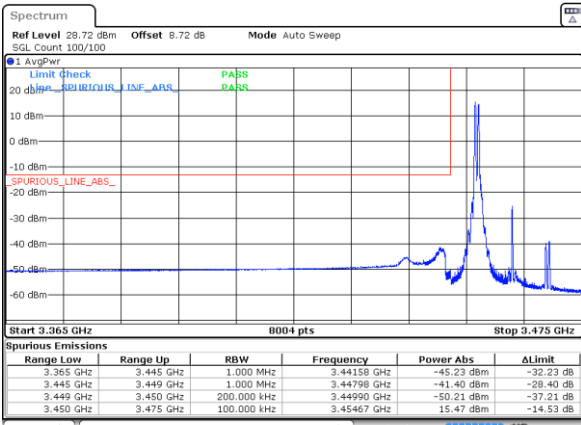
Date: 19 SEP 2022 20:44:24



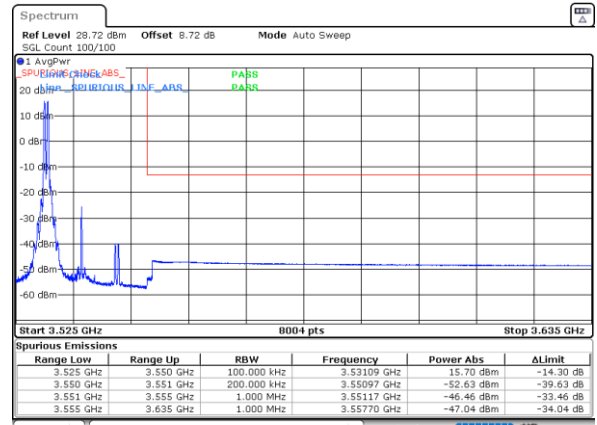
Date: 20 SEP 2022 12:07:15

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



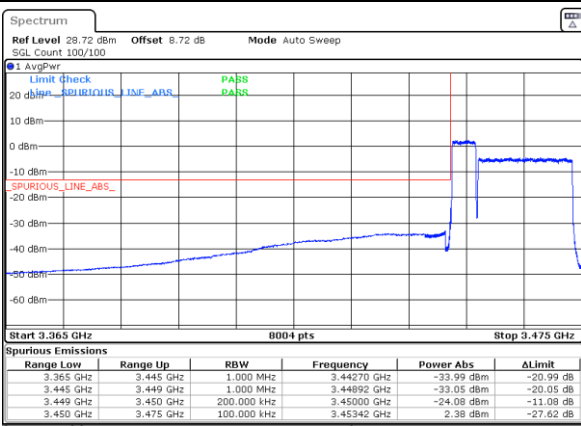
Date: 19 SEP 2022 20:46:10



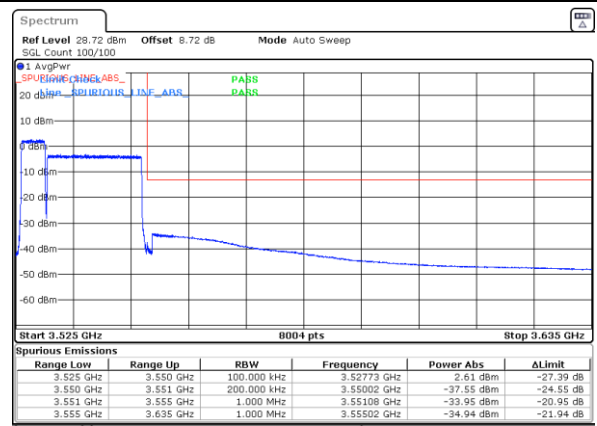
Date: 20 SEP 2022 12:13:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19 SEP 2022 21:03:18



Date: 20 SEP 2022 12:17:39

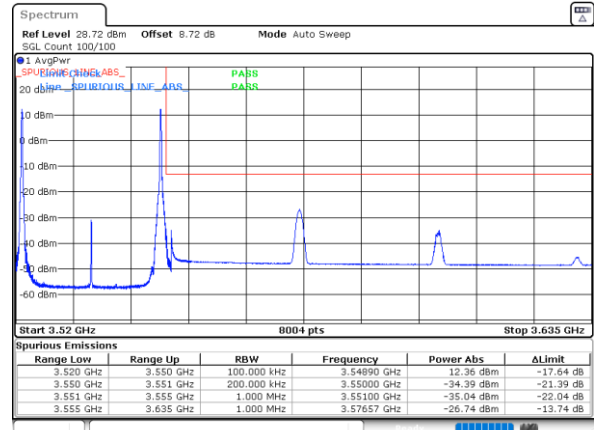
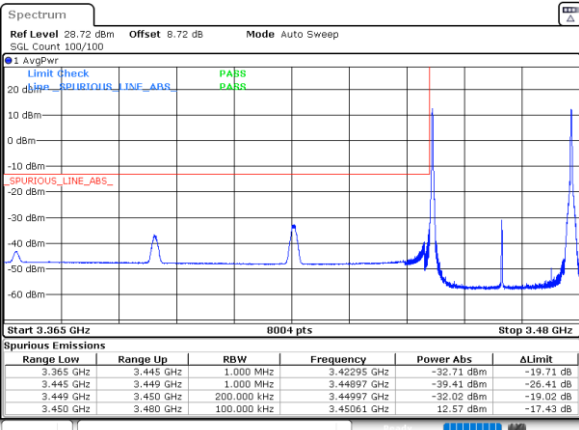


LTE Band 42C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

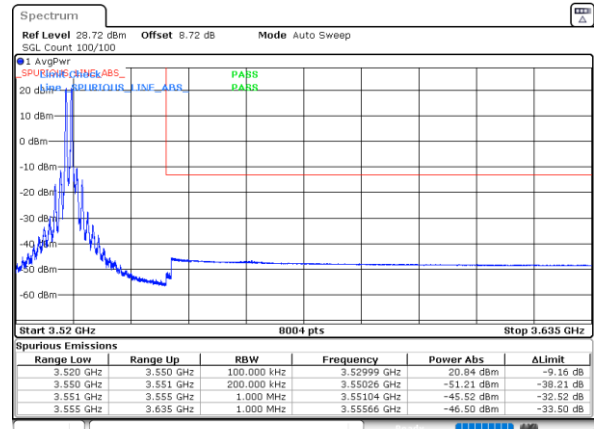


Date: 20\_SEP.2022 12:20:18

Date: 20\_SEP.2022 12:48:29

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

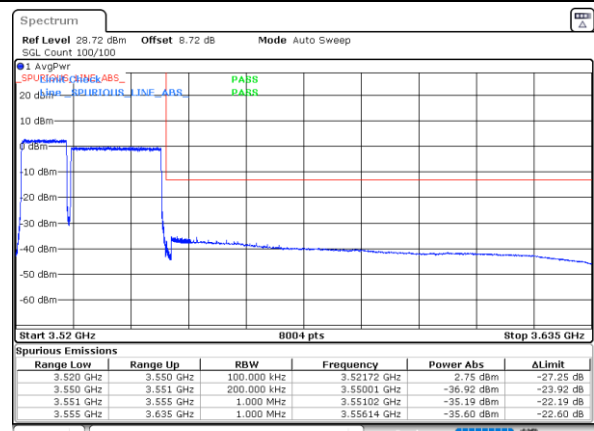
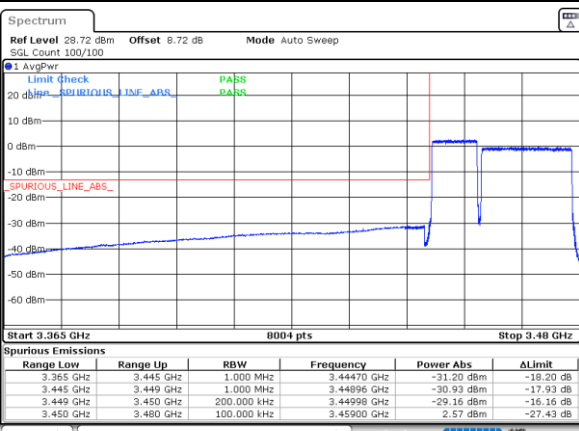


Date: 20\_SEP.2022 12:24:46

Date: 20\_SEP.2022 12:52:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 12:32:30

Date: 20\_SEP.2022 12:57:25

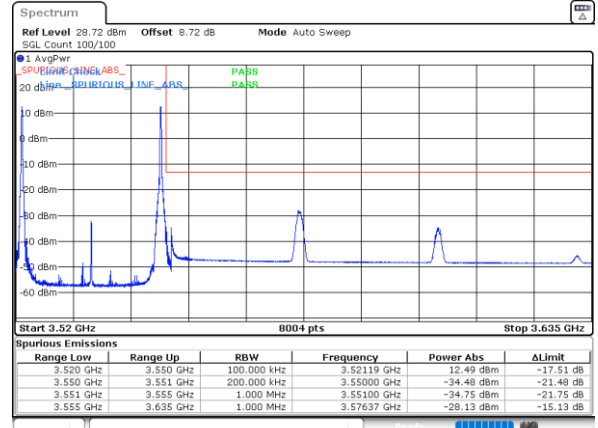
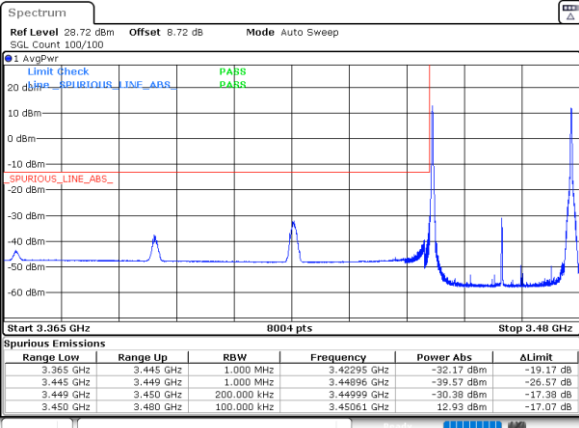


LTE Band 42C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

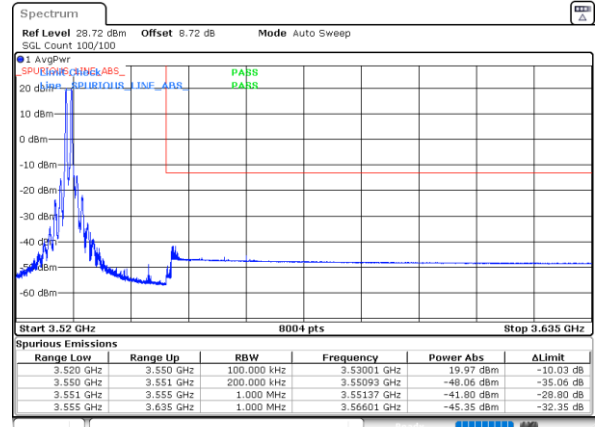
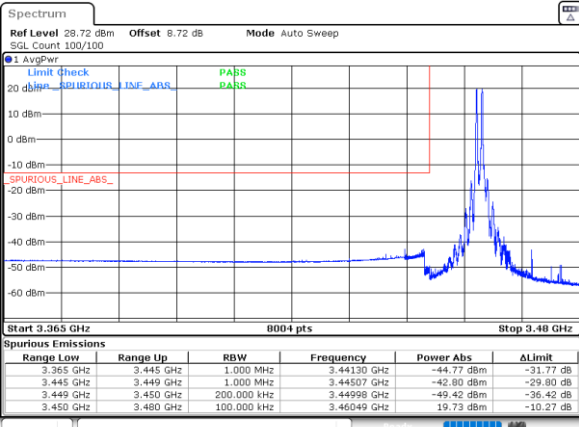


Date: 20\_SEP.2022 12:21:25

Date: 20\_SEP.2022 12:49:36

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

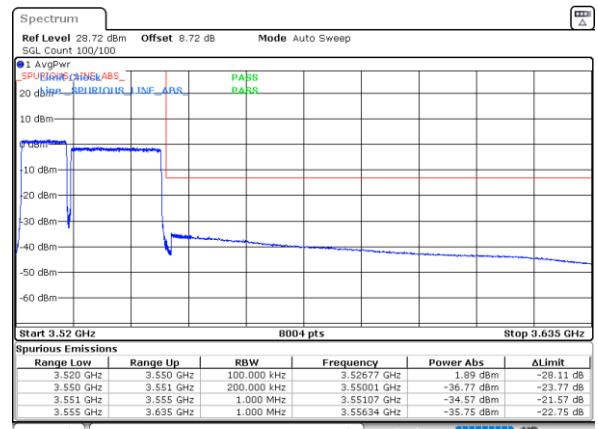
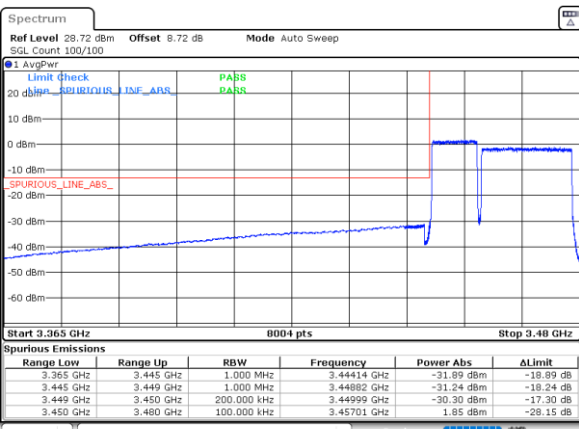


Date: 20\_SEP.2022 12:29:10

Date: 20\_SEP.2022 12:54:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 12:33:37

Date: 20\_SEP.2022 12:58:32

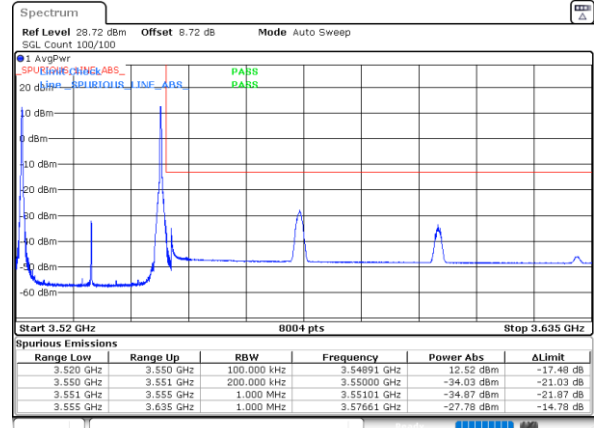
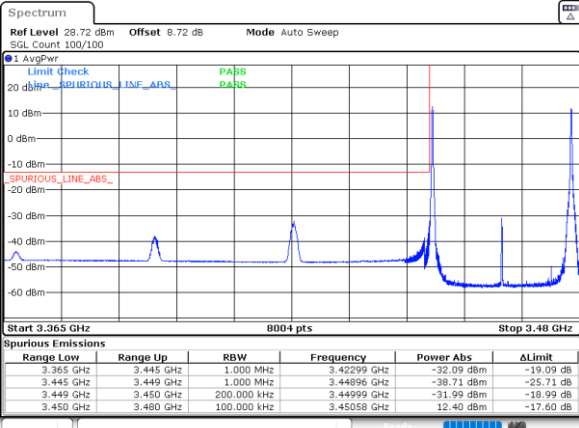


LTE Band 42C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

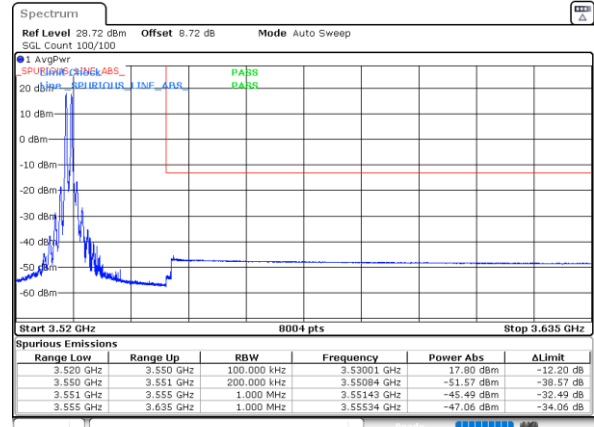
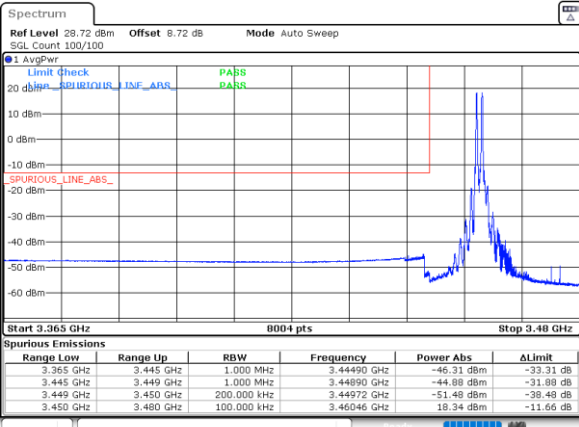


Date: 20\_SEP.2022 12:22:12

Date: 20\_SEP.2022 12:50:43

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

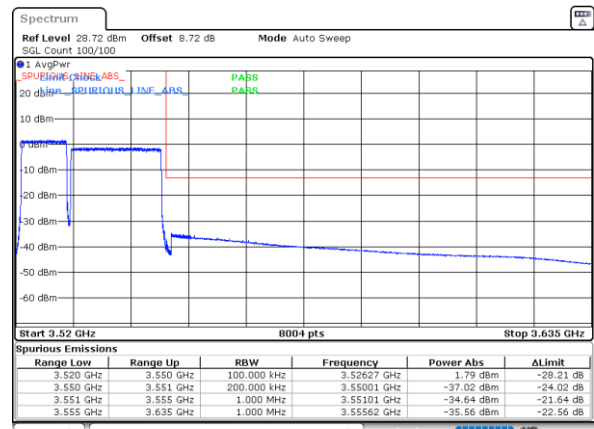
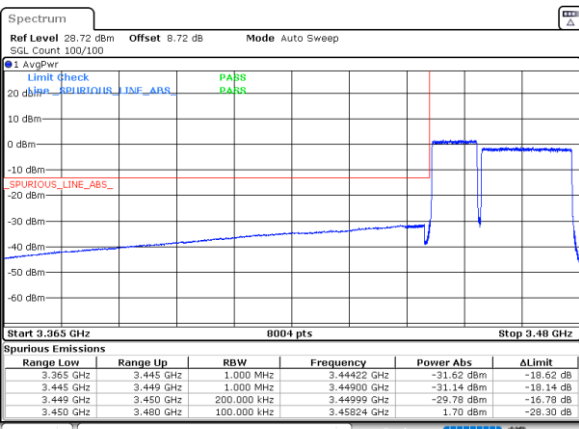


Date: 20\_SEP.2022 12:30:17

Date: 20\_SEP.2022 12:50:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 12:34:44

Date: 20\_SEP.2022 12:59:39

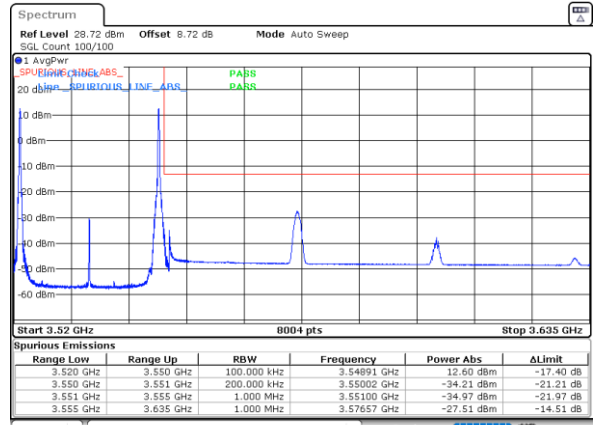
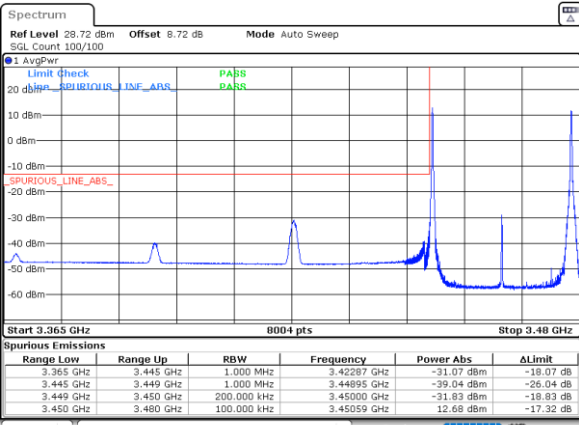


LTE Band 42C / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

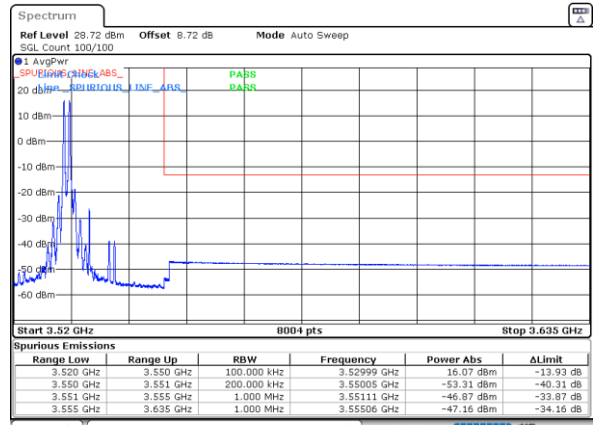
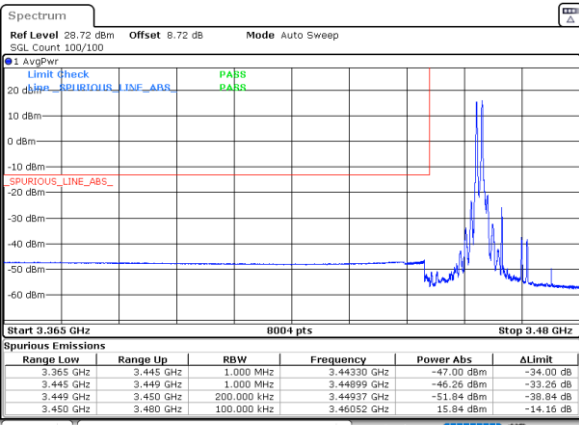


Date: 20\_SEP.2022 12:23:19

Date: 20\_SEP.2022 12:51:50

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

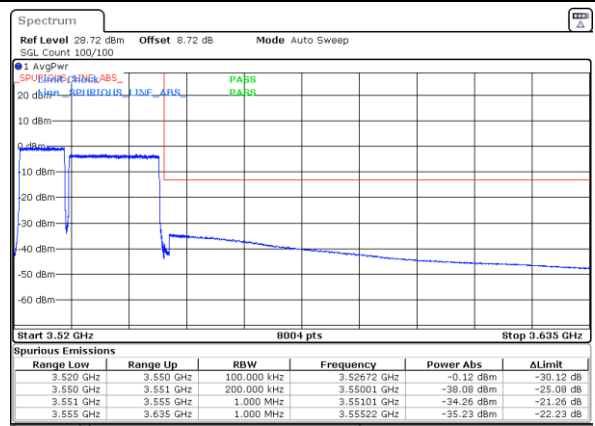
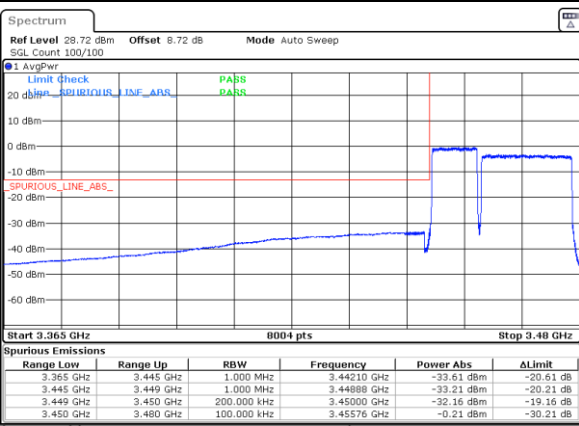


Date: 20\_SEP.2022 12:31:23

Date: 20\_SEP.2022 12:56:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 12:35:51

Date: 20\_SEP.2022 13:00:45

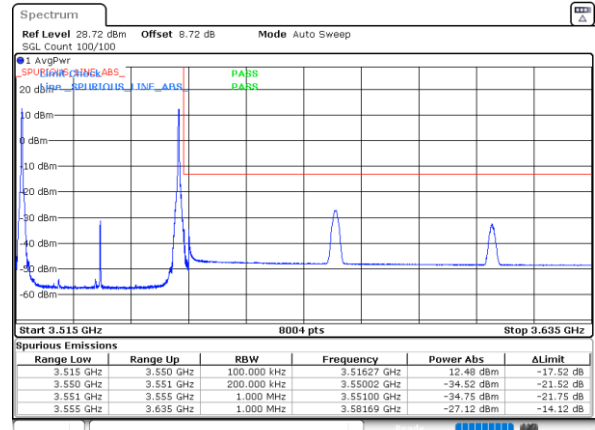
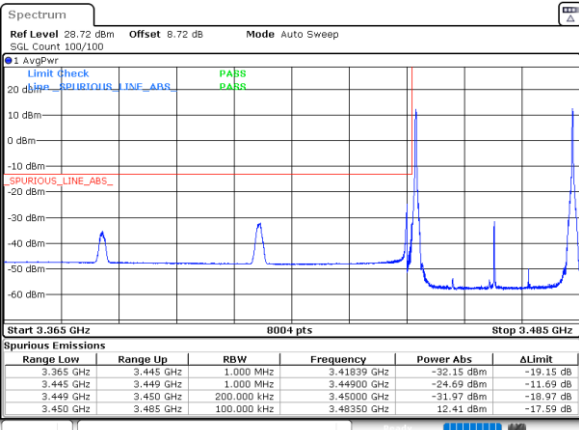


LTE Band 42C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

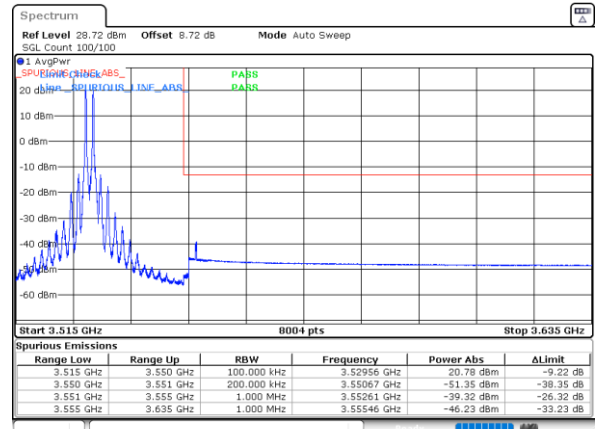


Date: 20\_SEP.2022 13:03:25

Date: 20\_SEP.2022 13:47:18

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

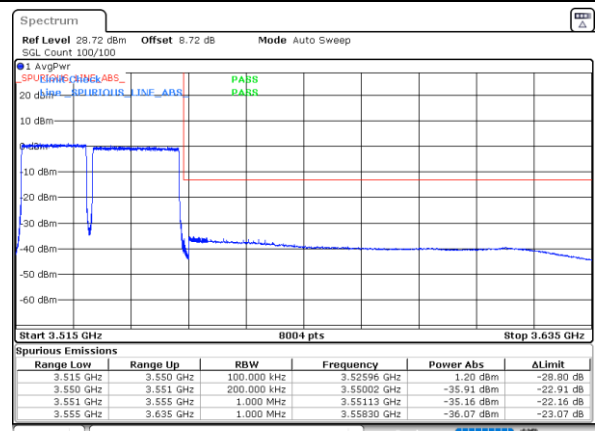
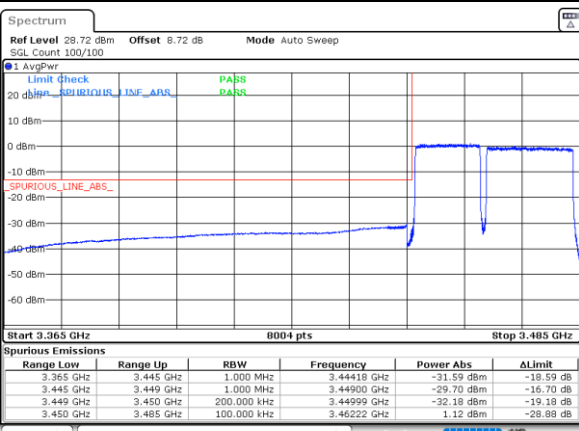


Date: 20\_SEP.2022 13:07:52

Date: 20\_SEP.2022 13:51:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 13:33:51

Date: 20\_SEP.2022 13:56:13

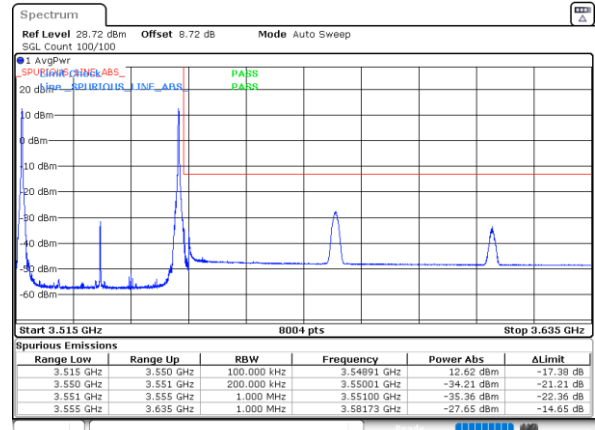
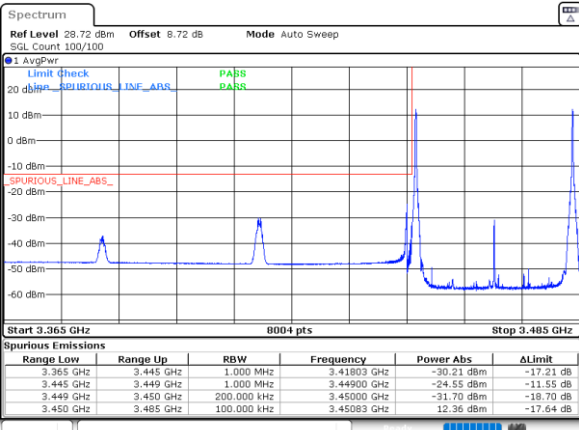


LTE Band 42C / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

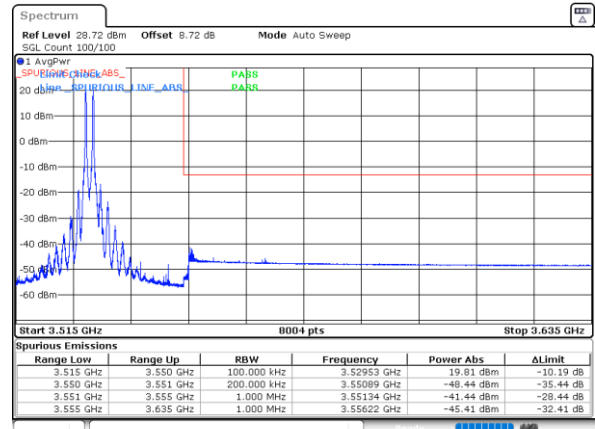
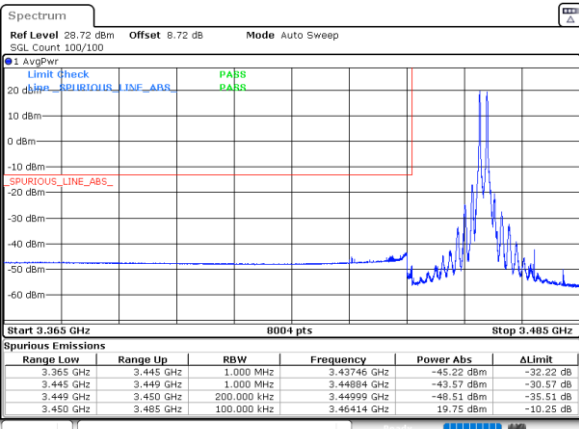


Date: 20\_SEP.2022 13:04:33

Date: 20\_SEP.2022 13:48:25

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

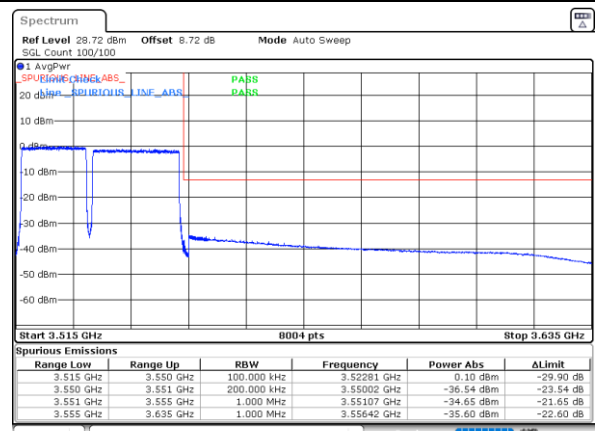
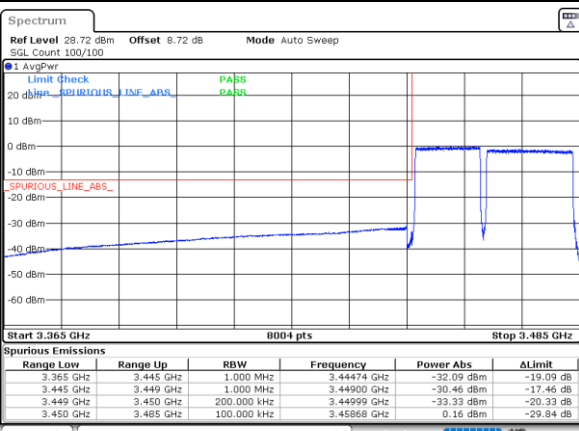


Date: 20\_SEP.2022 13:08:59

Date: 20\_SEP.2022 13:52:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 13:34:58

Date: 20\_SEP.2022 13:57:19

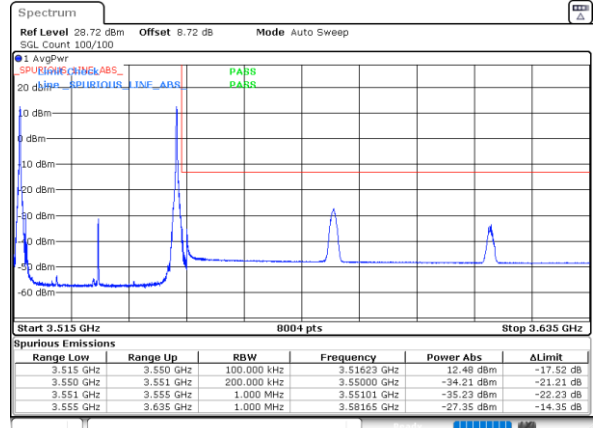
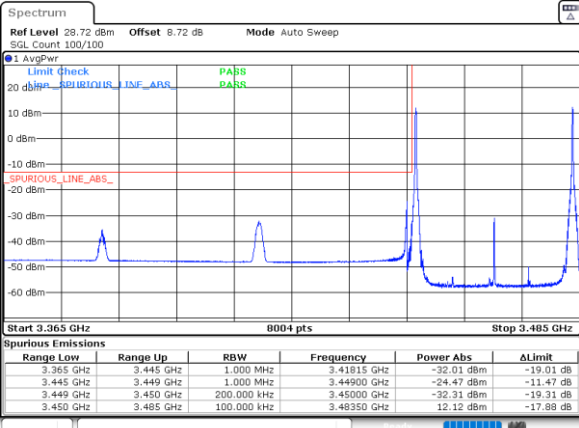


LTE Band 42C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

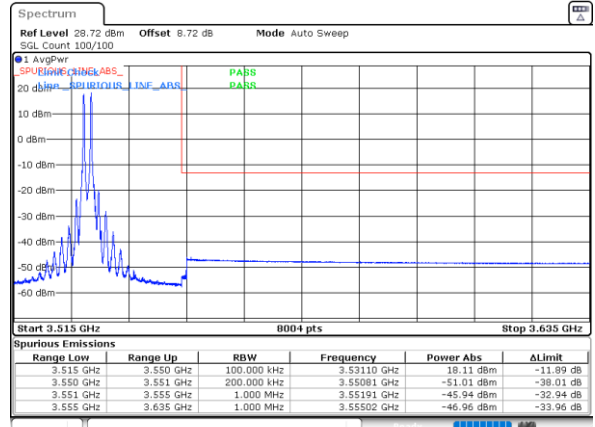
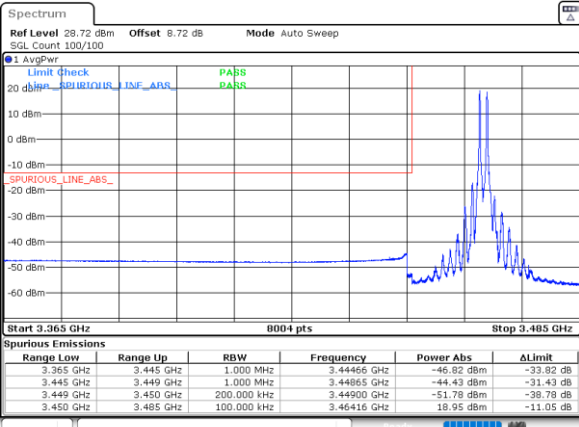


Date: 20\_SEP.2022 13:05:38

Date: 20\_SEP.2022 13:49:31

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

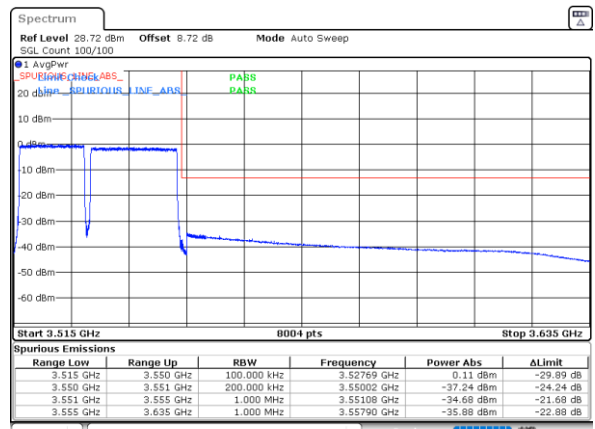
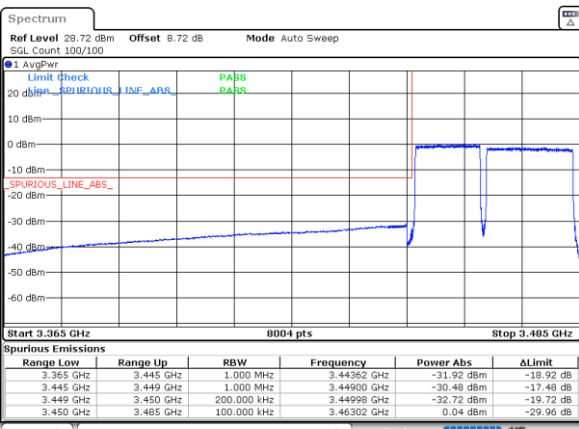


Date: 20\_SEP.2022 13:10:06

Date: 20\_SEP.2022 13:53:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 13:36:05

Date: 20\_SEP.2022 13:58:26

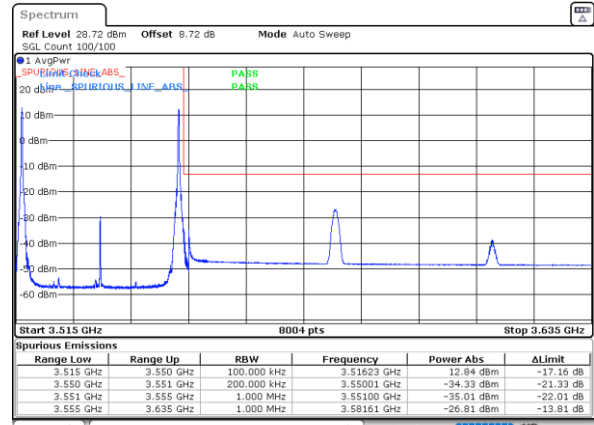
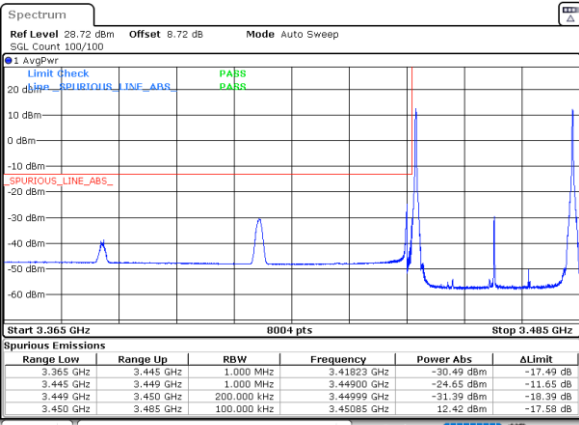


LTE Band 42C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

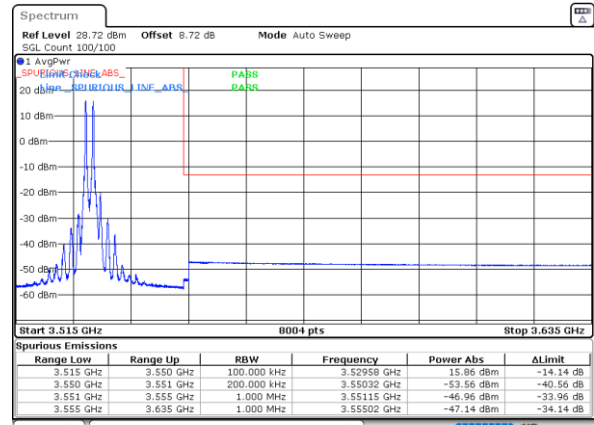
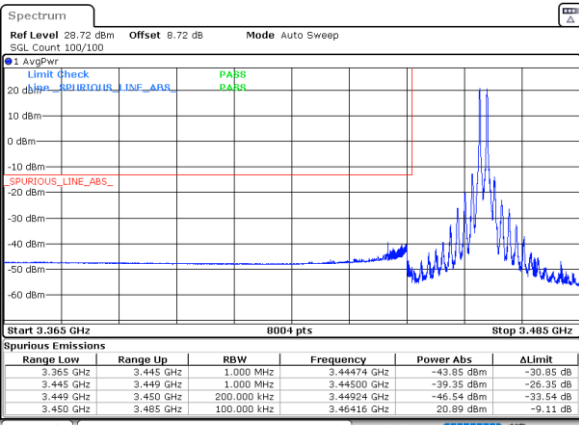


Date: 20\_SEP.2022 13:06:45

Date: 20\_SEP.2022 13:50:38

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

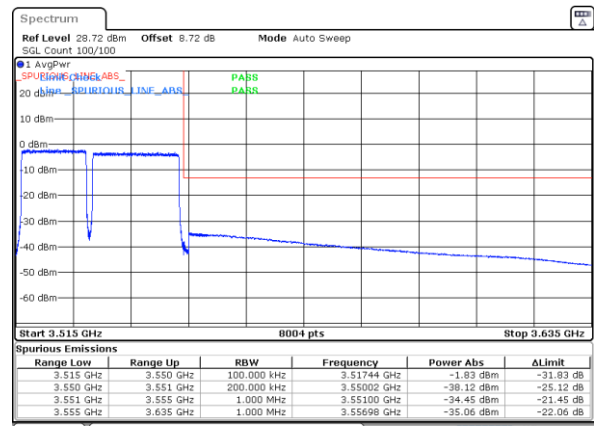
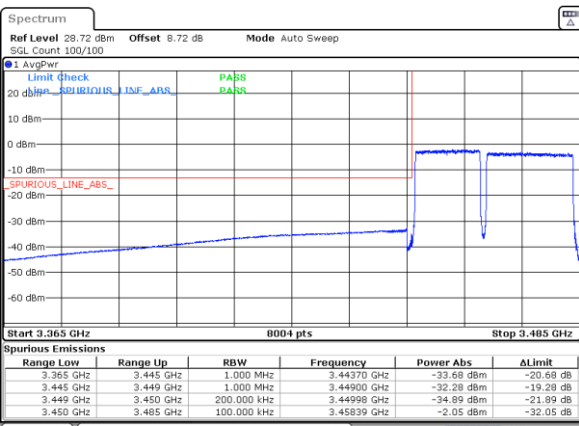


Date: 20\_SEP.2022 13:32:44

Date: 20\_SEP.2022 13:50:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 13:37:12

Date: 20\_SEP.2022 13:59:33

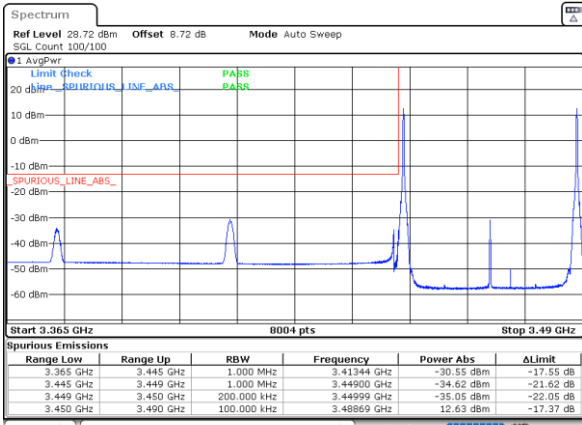




LTE Band 42C / 20MHz+20MHz

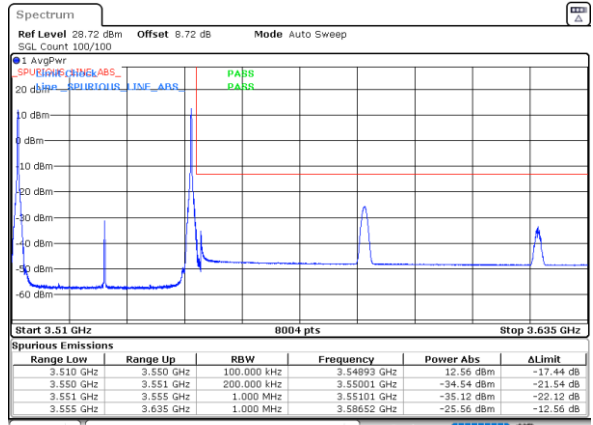
QPSK

Lowest Band Edge / 1RB0 and 1RB99



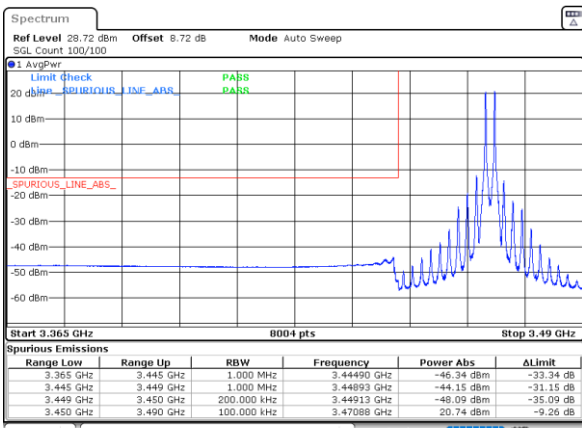
Date: 20\_SEP.2022 14:02:18

Highest Band Edge / 1RB0 and 1RB99



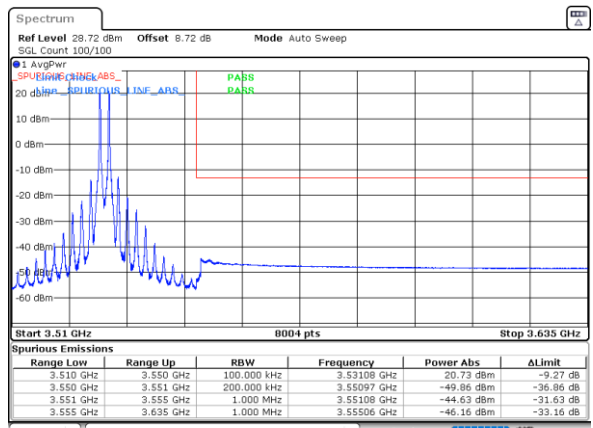
Date: 20\_SEP.2022 14:29:20

Lowest Band Edge / 1RB99 and 1RB0



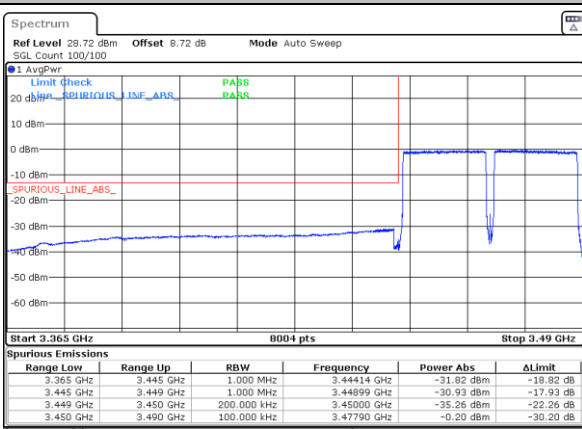
Date: 20\_SEP.2022 14:07:03

Highest Band Edge / 1RB99 and 1RB0



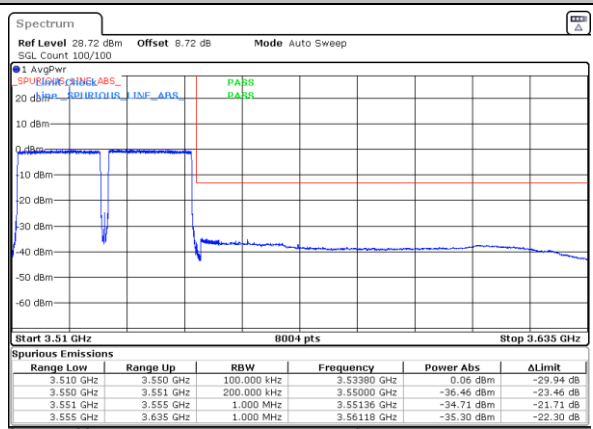
Date: 20\_SEP.2022 14:33:49

Lowest Band Edge / Full RB



Date: 20\_SEP.2022 14:17:29

Highest Band Edge / Full RB



Date: 20\_SEP.2022 14:38:17

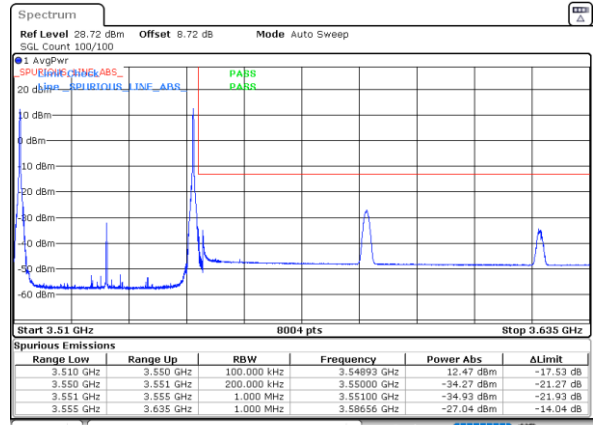
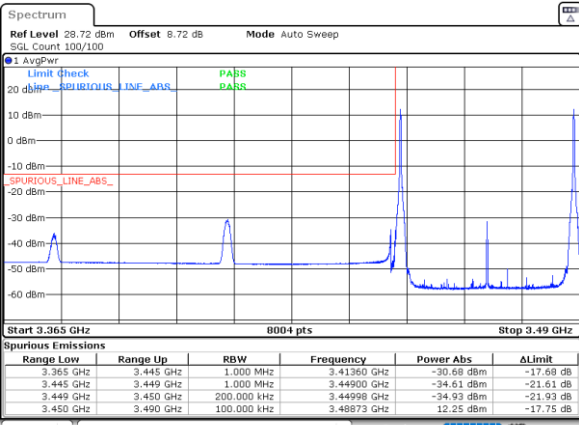


LTE Band 42C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

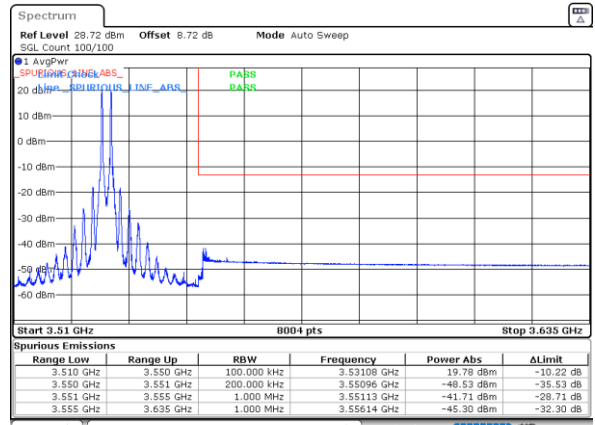
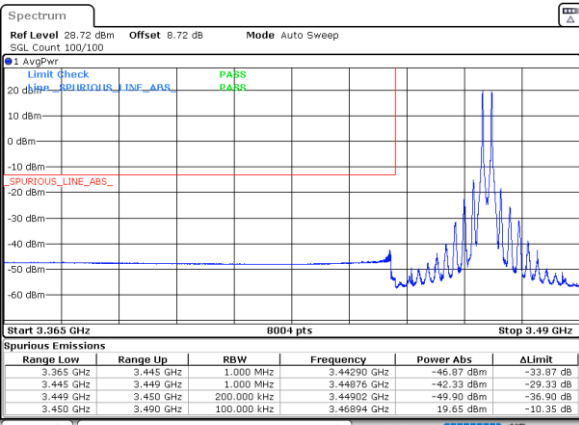


Date: 20\_SEP.2022 14:03:29

Date: 20\_SEP.2022 14:30:27

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

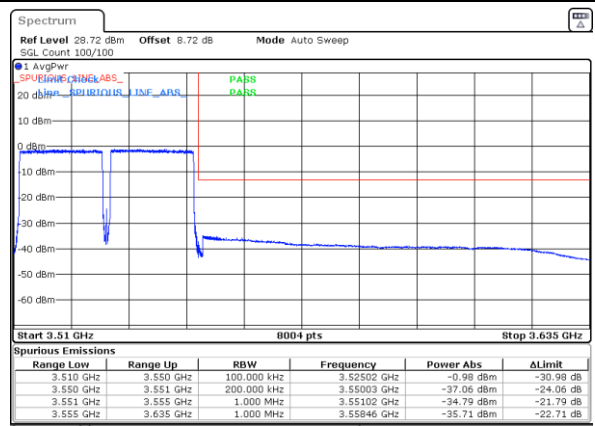
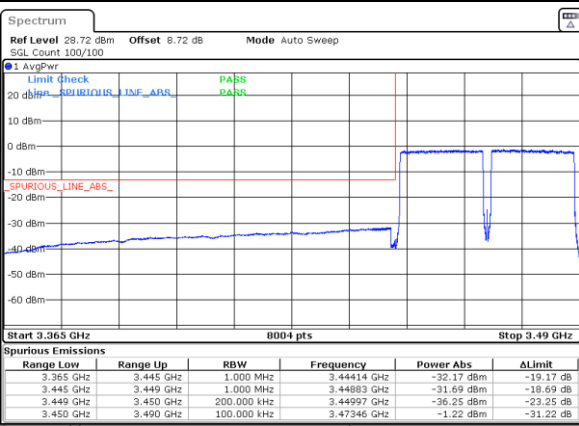


Date: 20\_SEP.2022 14:08:14

Date: 20\_SEP.2022 14:34:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 14:18:40

Date: 20\_SEP.2022 14:39:24

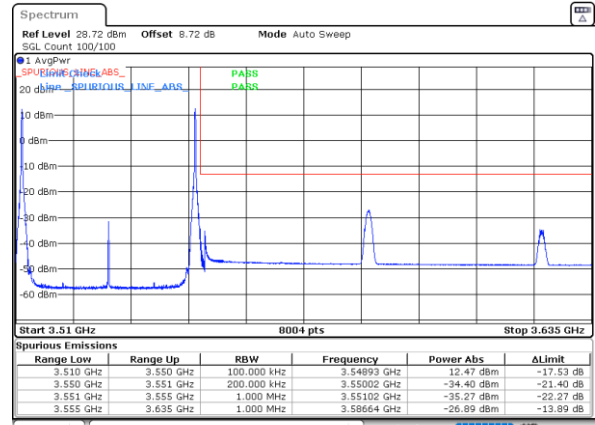
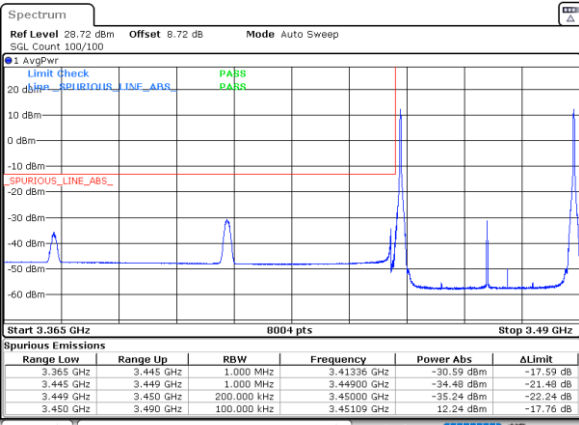


LTE Band 42C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

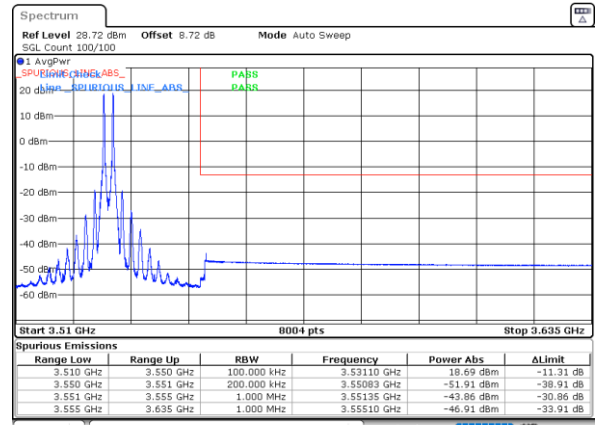
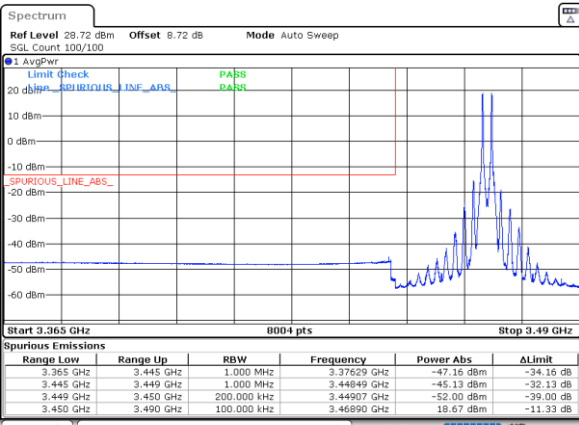


Date: 20\_SEP.2022 14:04:40

Date: 20\_SEP.2022 14:31:35

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

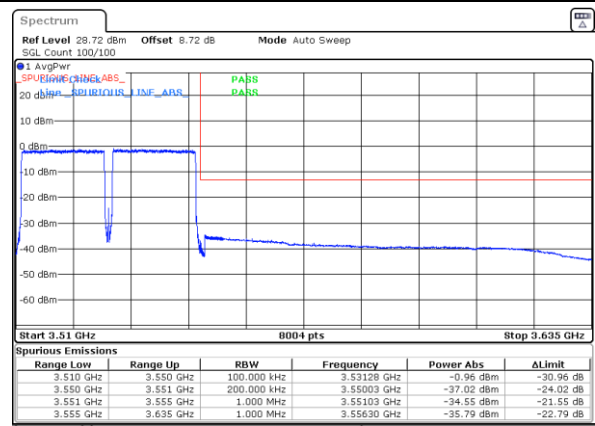
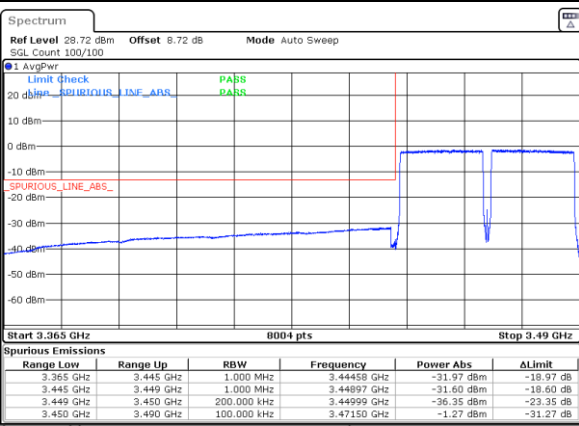


Date: 20\_SEP.2022 14:09:25

Date: 20\_SEP.2022 14:36:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 14:19:51

Date: 20\_SEP.2022 14:40:31

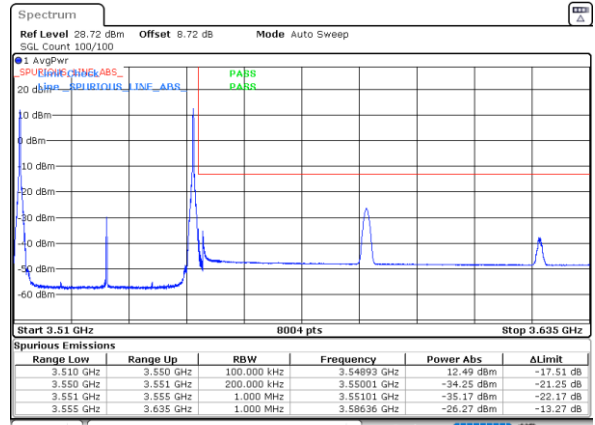
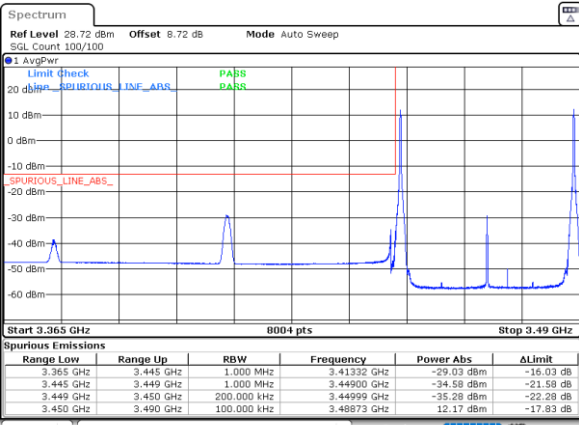


LTE Band 42C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

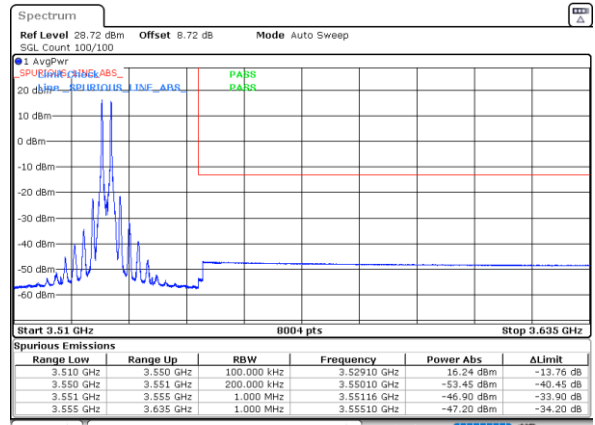
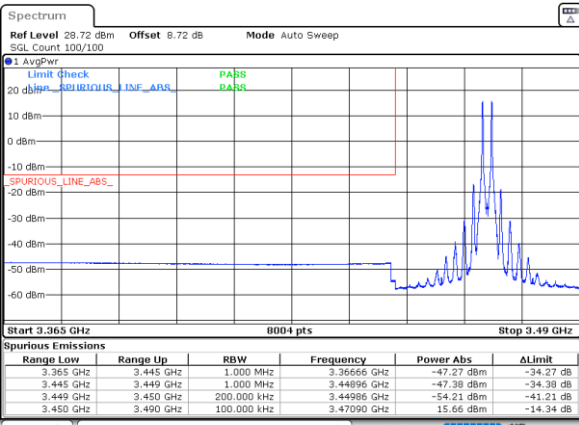


Date: 20\_SEP.2022 14:05:51

Date: 20\_SEP.2022 14:32:42

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

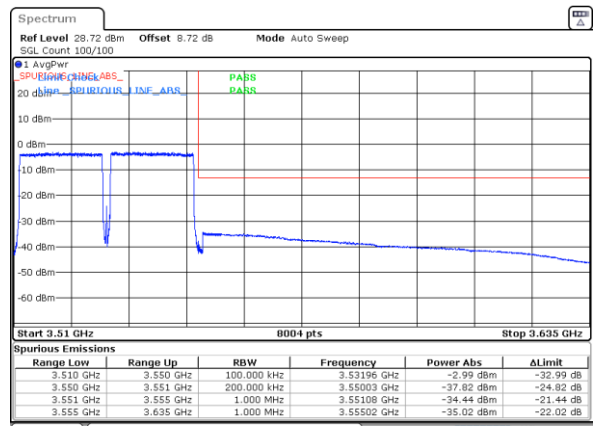
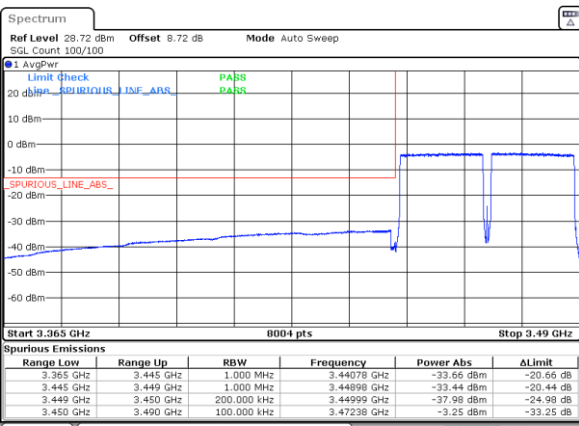


Date: 20\_SEP.2022 14:16:18

Date: 20\_SEP.2022 14:37:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_SEP.2022 14:21:02

Date: 20\_SEP.2022 14:41:38



# Conducted Spurious Emission

