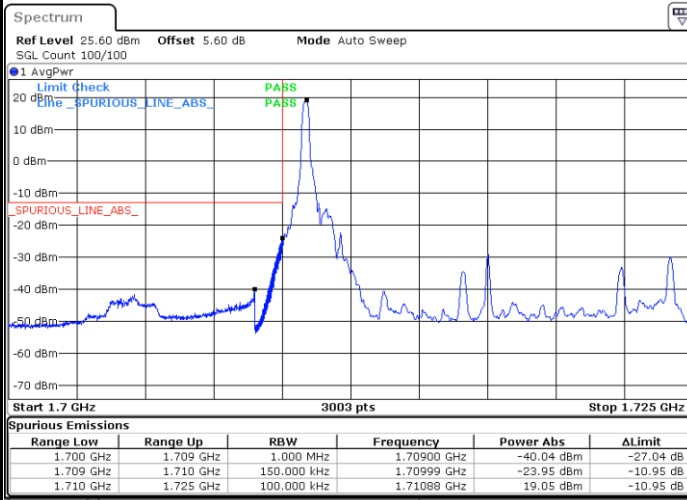




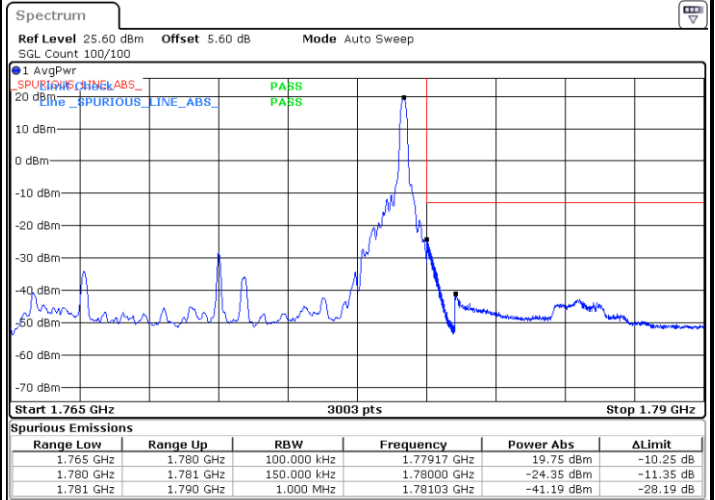
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



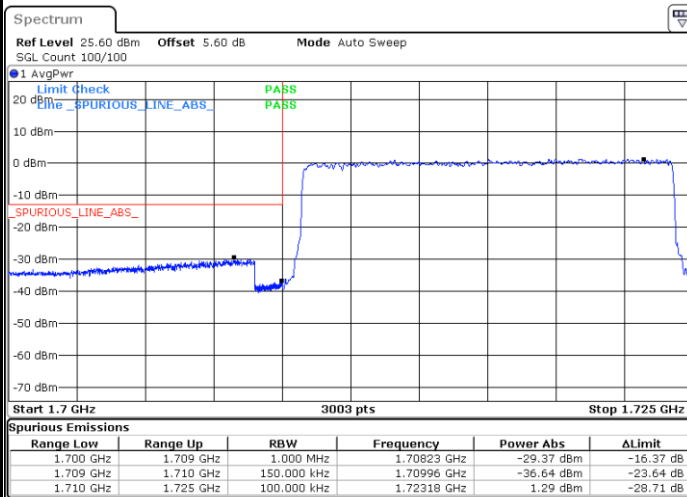
Date: 28.SEP.2022 17:07:33

Highest Band Edge / 1 RB



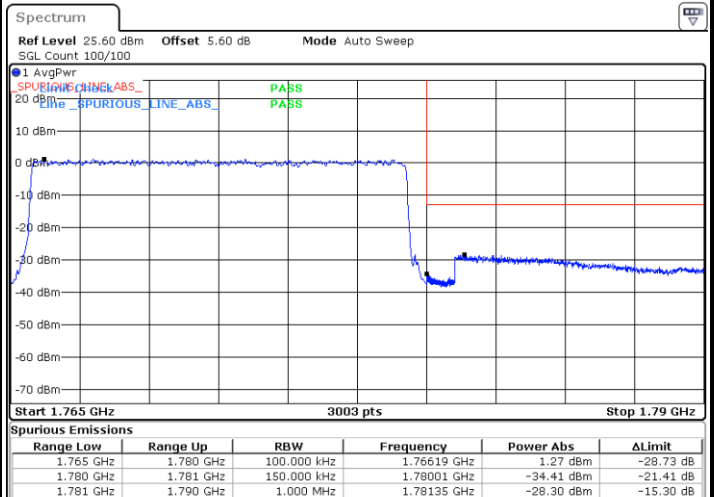
Date: 28.SEP.2022 17:18:50

Lowest Band Edge / Full RB



Date: 28.SEP.2022 17:14:12

Highest Band Edge / Full RB

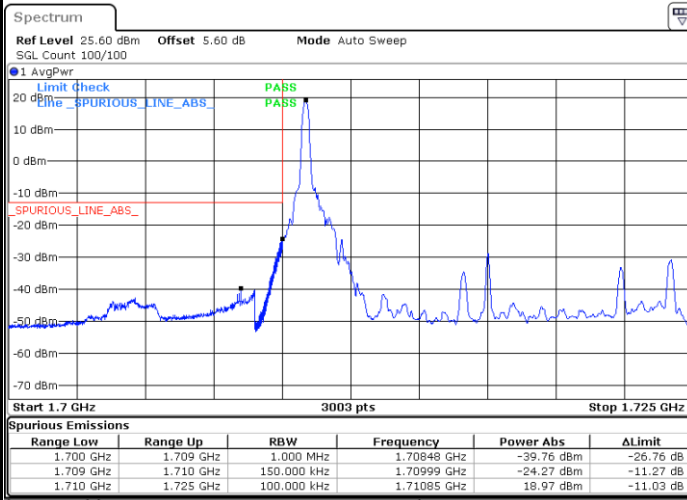


Date: 28.SEP.2022 17:25:29



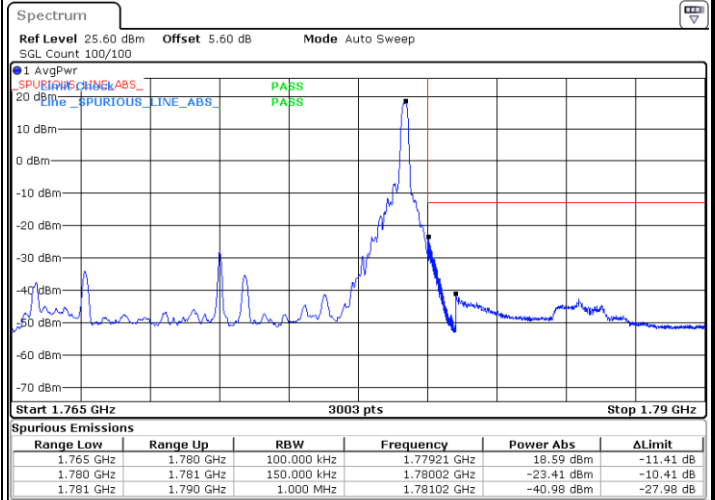
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



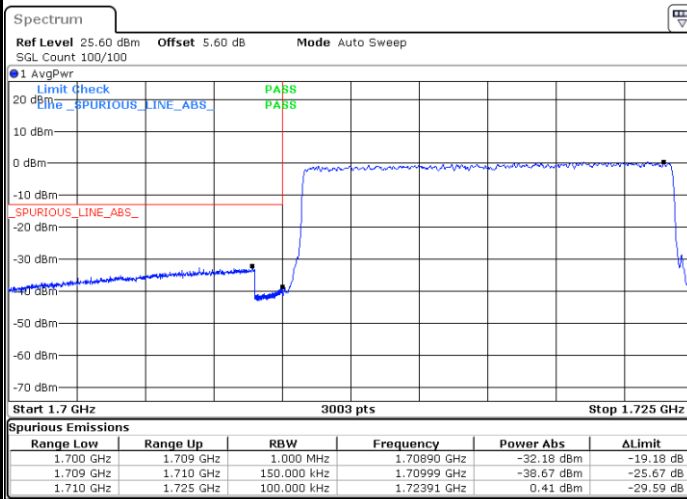
Date: 28.SEP.2022 17:08:53

Highest Band Edge / 1 RB



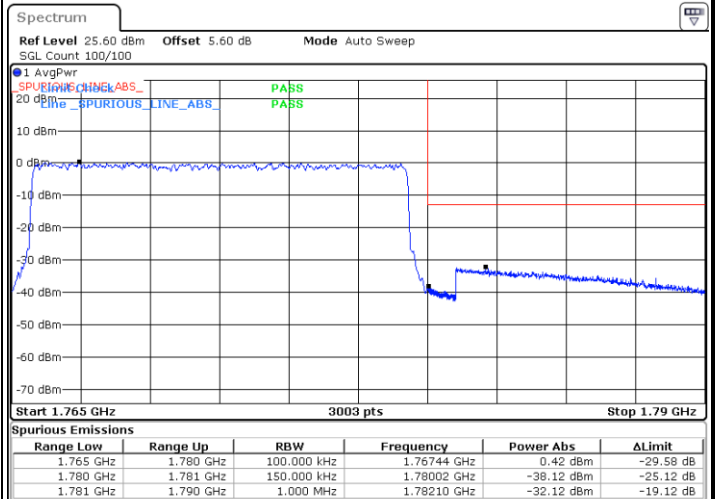
Date: 28.SEP.2022 17:20:10

Lowest Band Edge / Full RB



Date: 28.SEP.2022 17:12:52

Highest Band Edge / Full RB

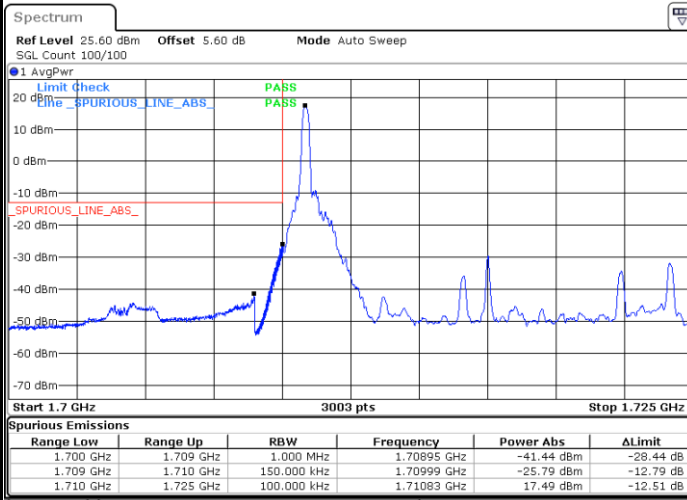


Date: 28.SEP.2022 17:24:10



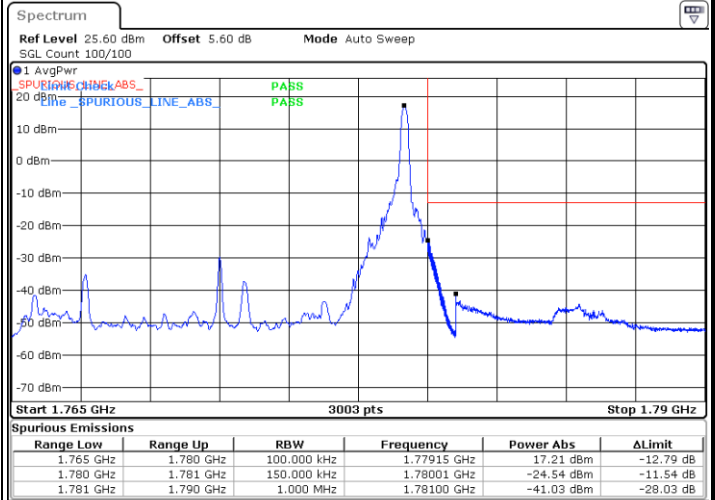
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



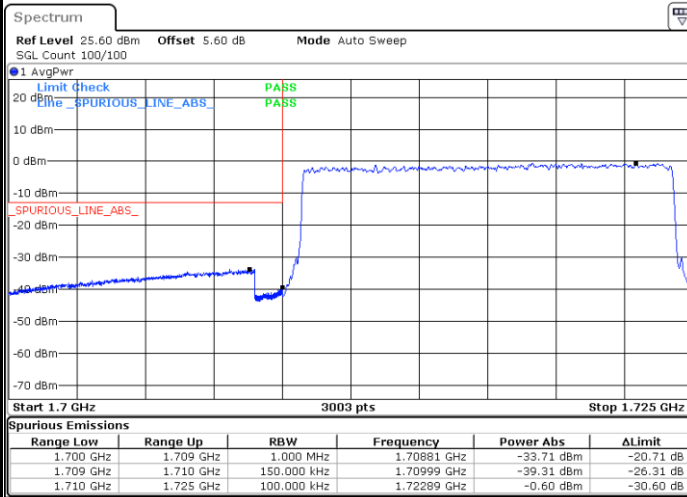
Date: 28.SEP.2022 17:10:13

Highest Band Edge / 1 RB



Date: 28.SEP.2022 17:21:30

Lowest Band Edge / Full RB



Date: 28.SEP.2022 17:11:32

Highest Band Edge / Full RB

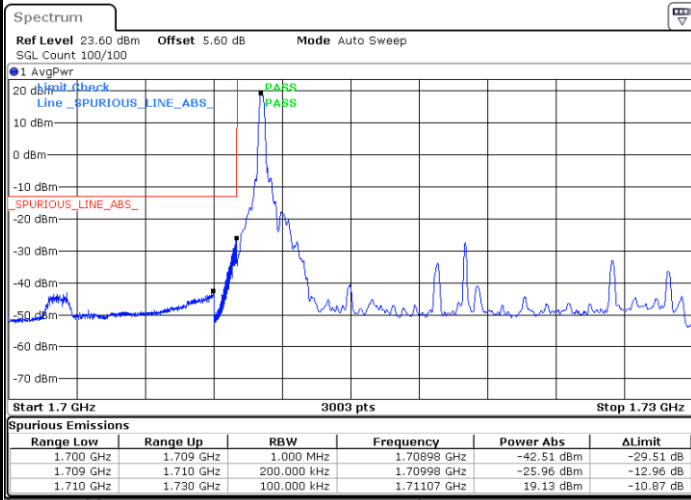


Date: 28.SEP.2022 17:22:50



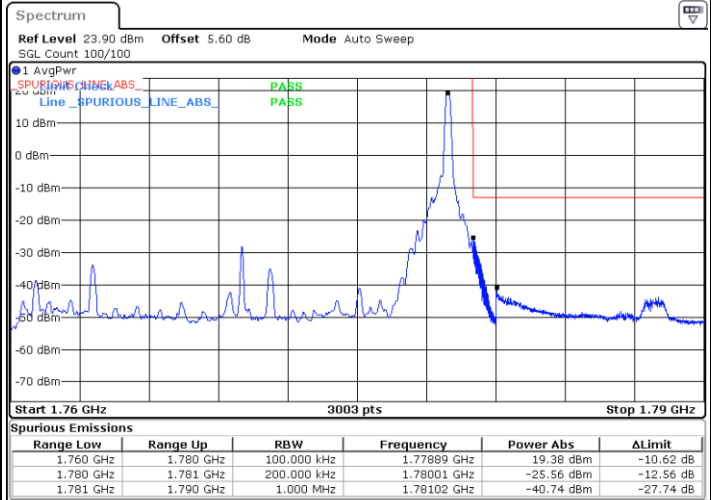
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



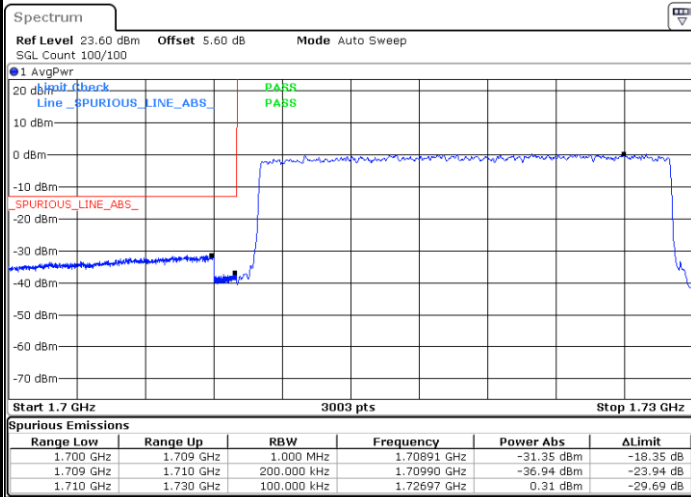
Date: 28.SEP.2022 17:28:29

Highest Band Edge / 1 RB



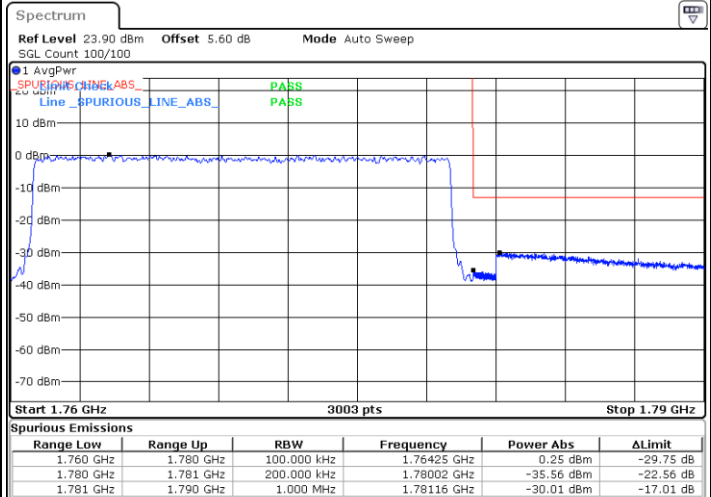
Date: 28.SEP.2022 17:39:47

Lowest Band Edge / Full RB



Date: 28.SEP.2022 17:35:08

Highest Band Edge / Full RB

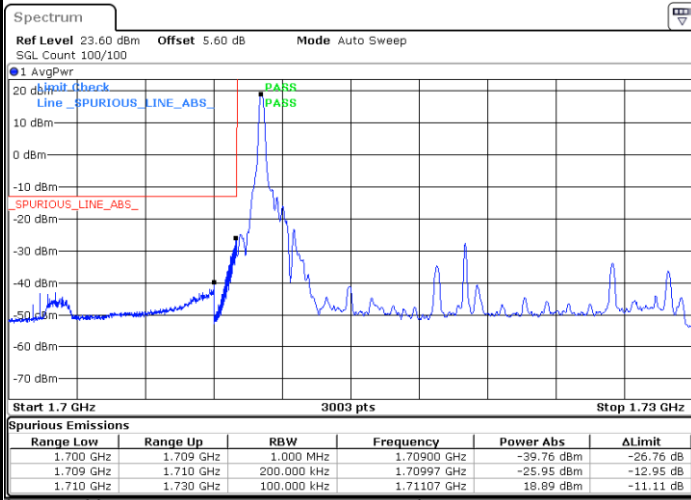


Date: 28.SEP.2022 17:46:25



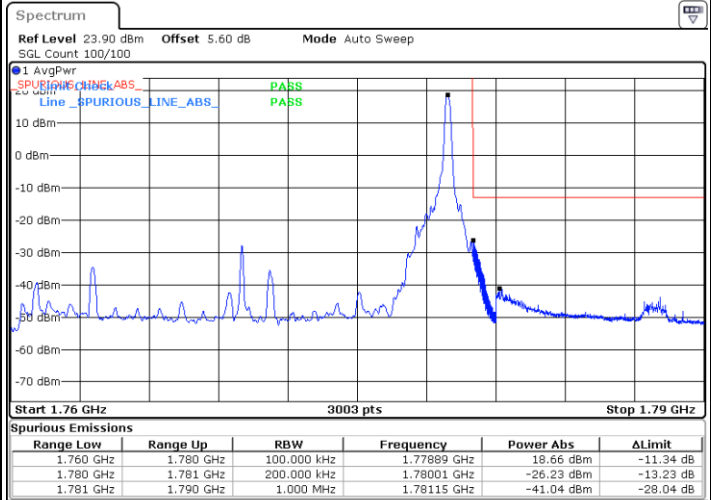
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



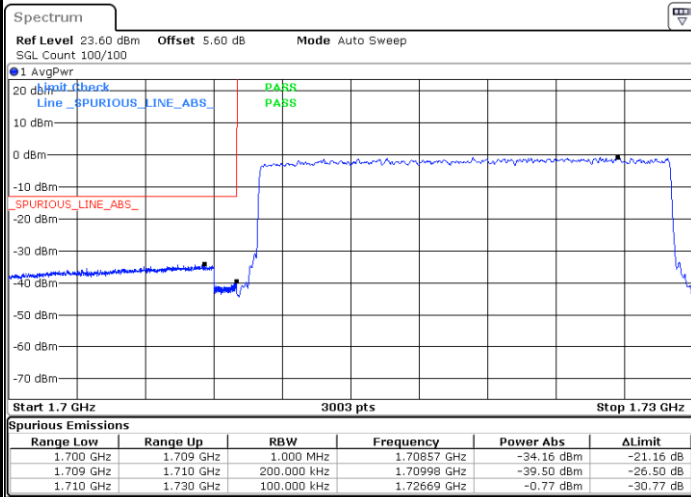
Date: 28.SEP.2022 17:29:49

Highest Band Edge / 1 RB



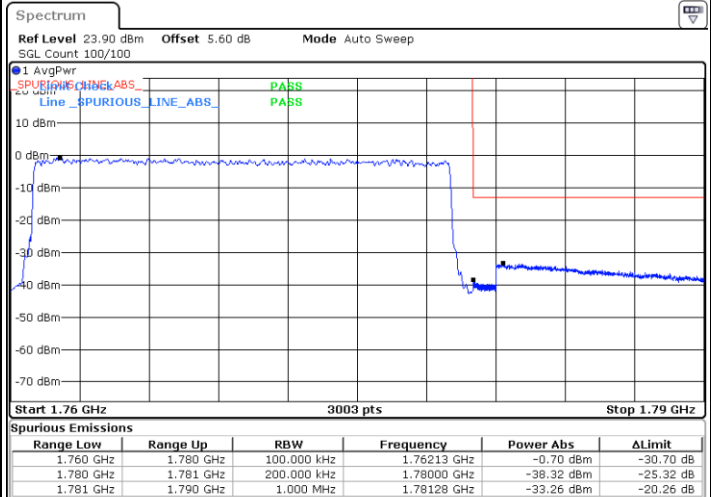
Date: 28.SEP.2022 17:41:07

Lowest Band Edge / Full RB



Date: 28.SEP.2022 17:33:48

Highest Band Edge / Full RB

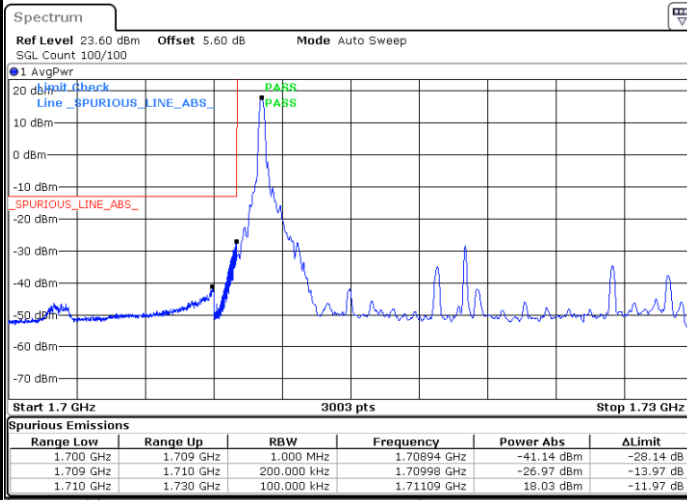


Date: 28.SEP.2022 17:45:06



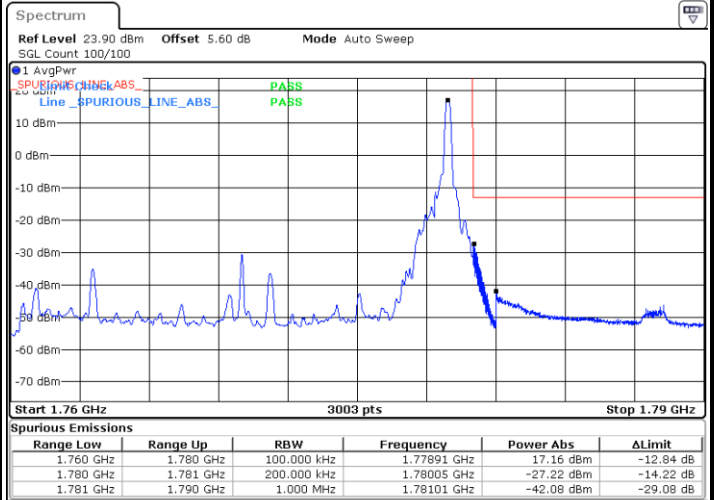
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



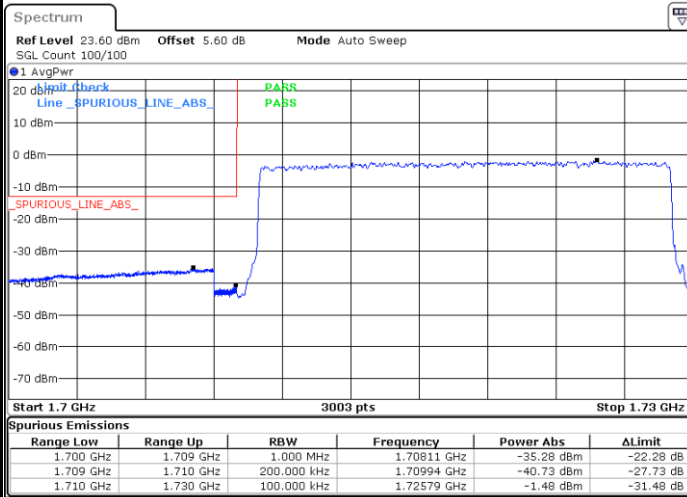
Date: 28.SEP.2022 17:31:09

Highest Band Edge / 1 RB



Date: 28.SEP.2022 17:42:26

Lowest Band Edge / Full RB



Date: 28.SEP.2022 17:32:29

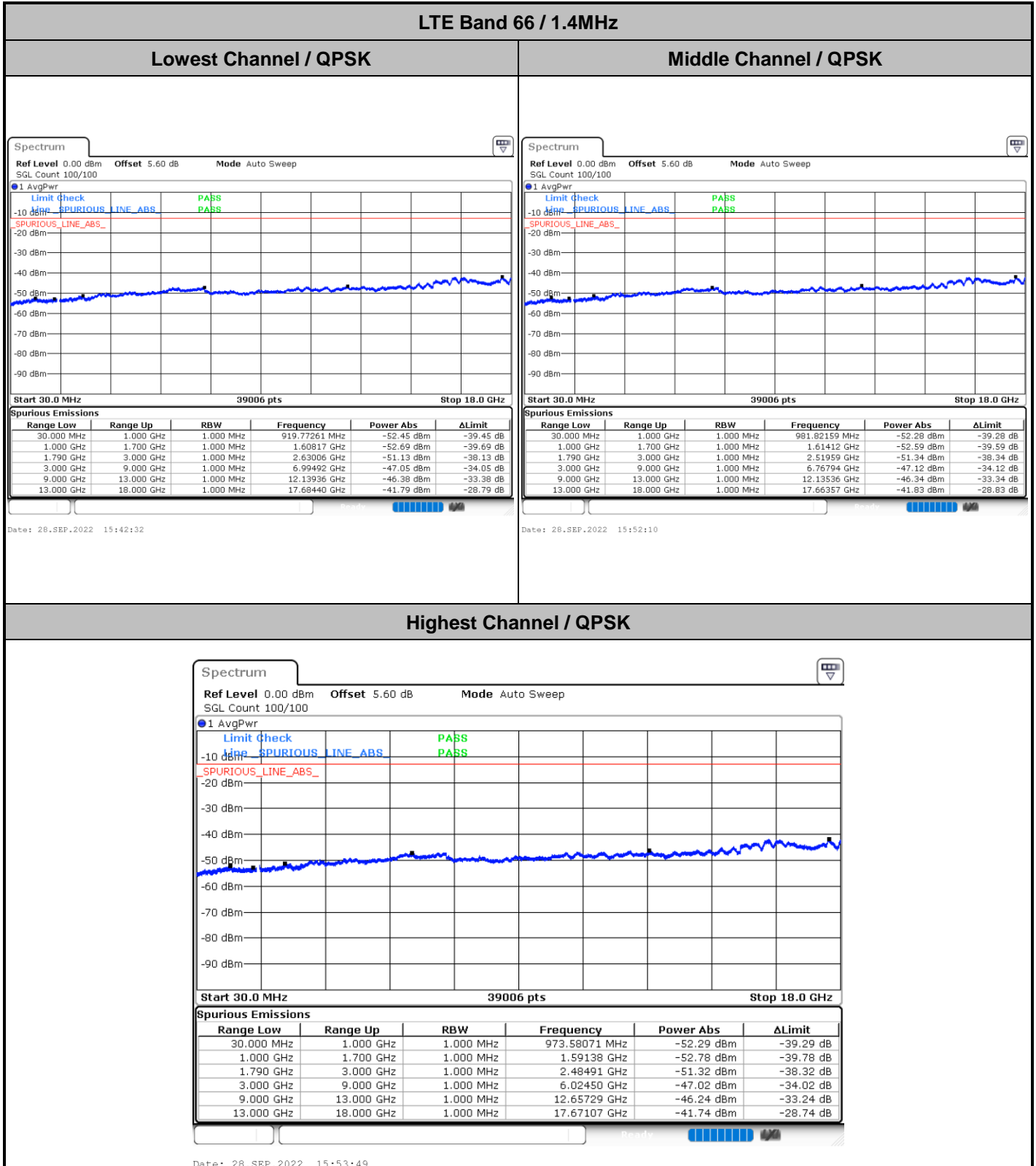
Highest Band Edge / Full RB



Date: 28.SEP.2022 17:43:46



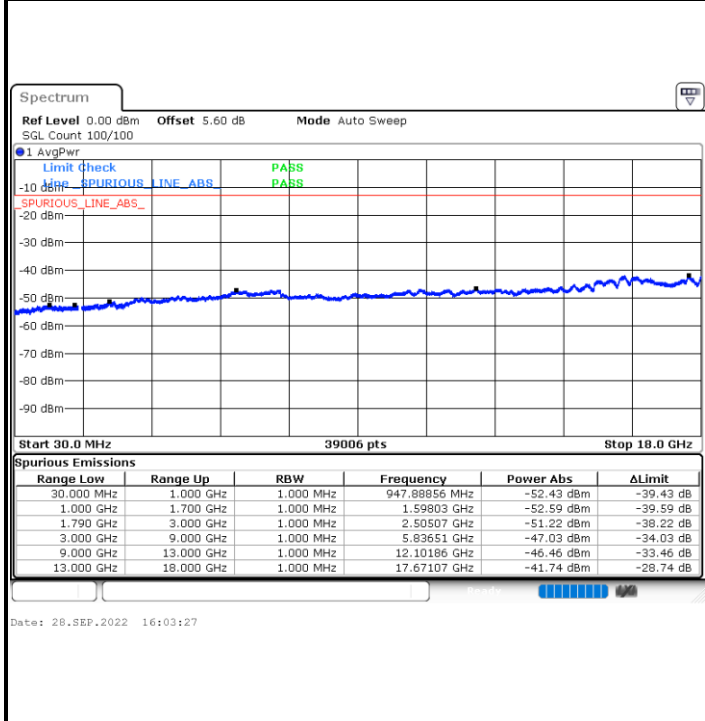
# Conducted Spurious Emission



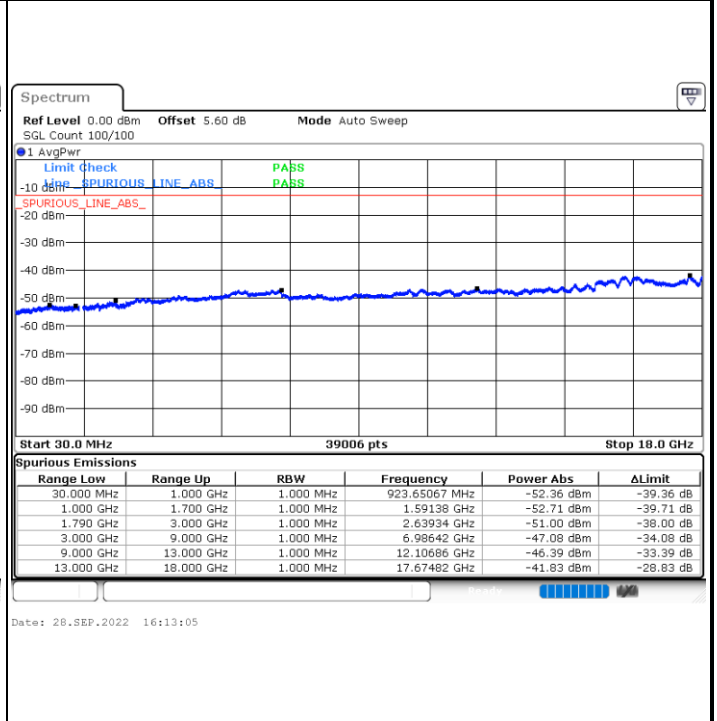


**LTE Band 66 / 3MHz**

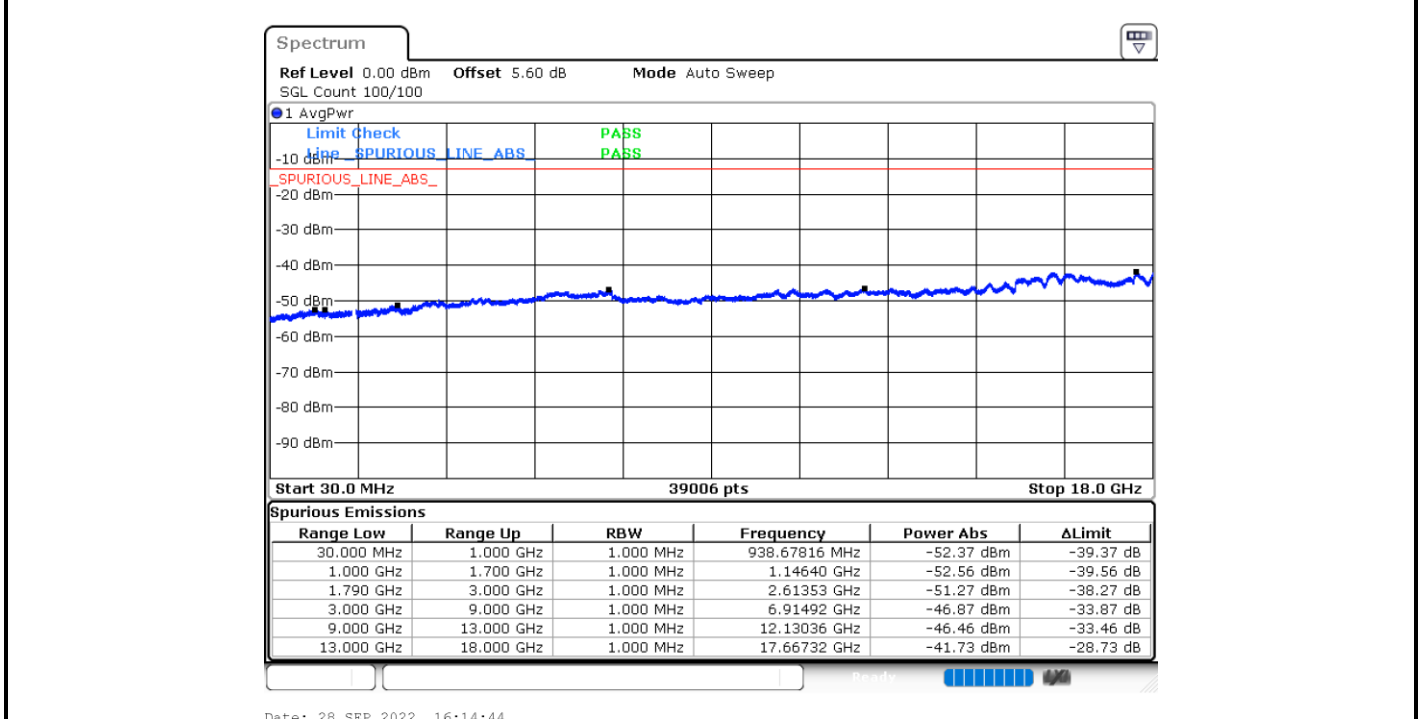
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

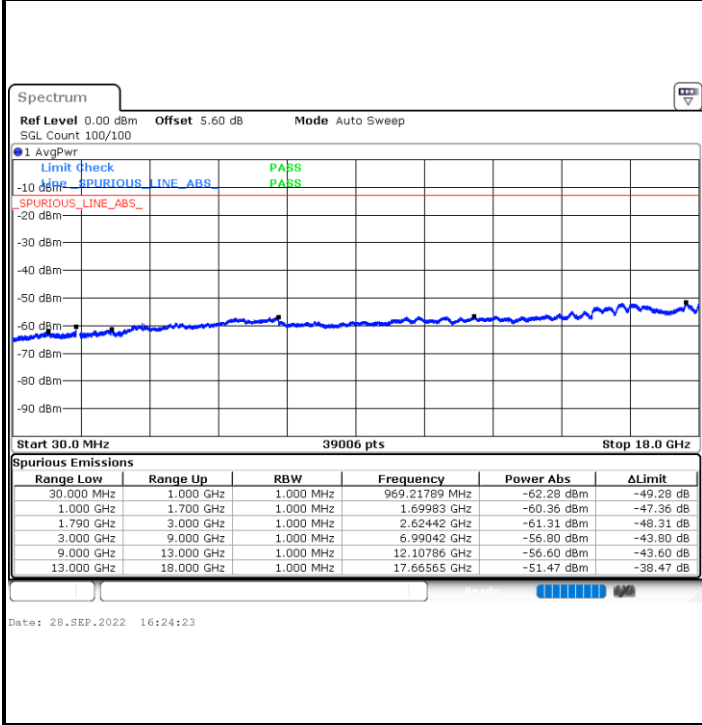




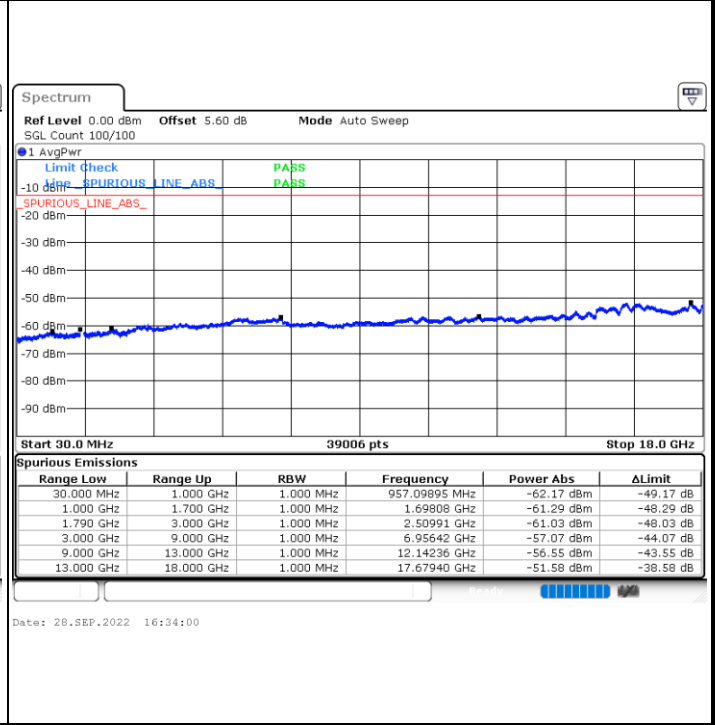


**LTE Band 66 / 5MHz**

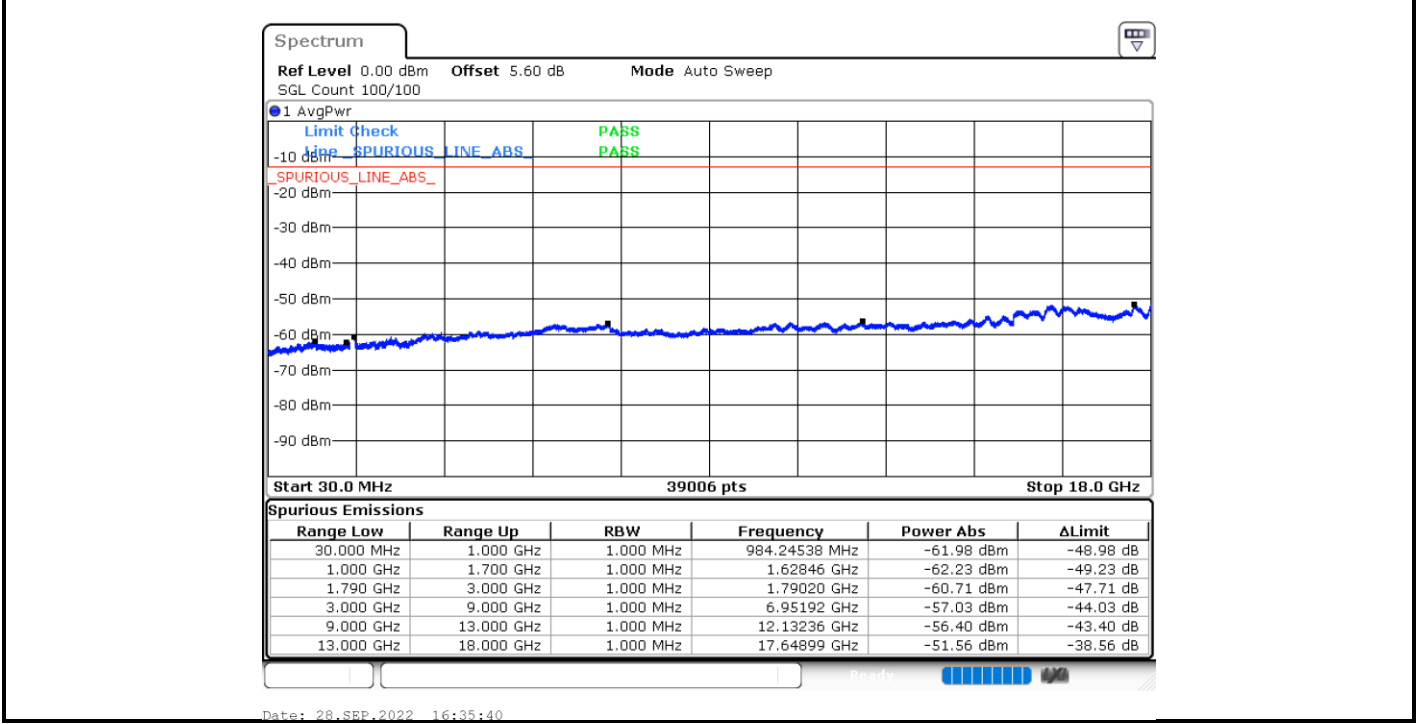
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

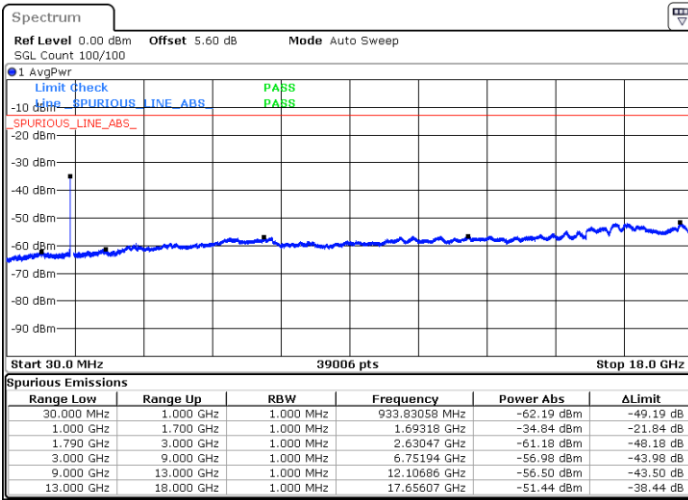




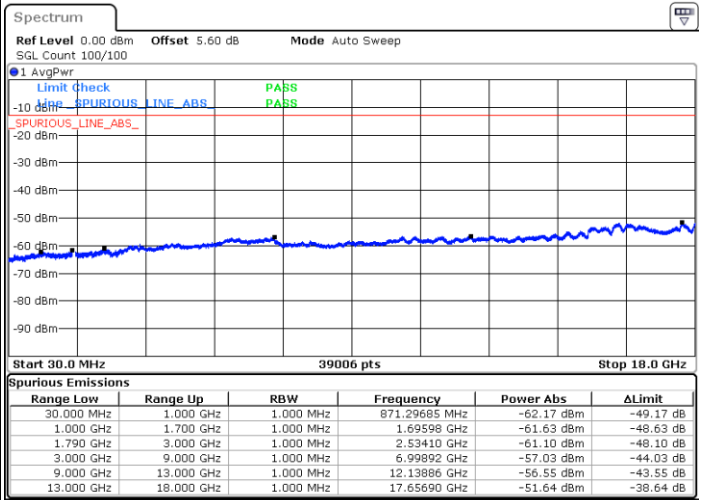
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

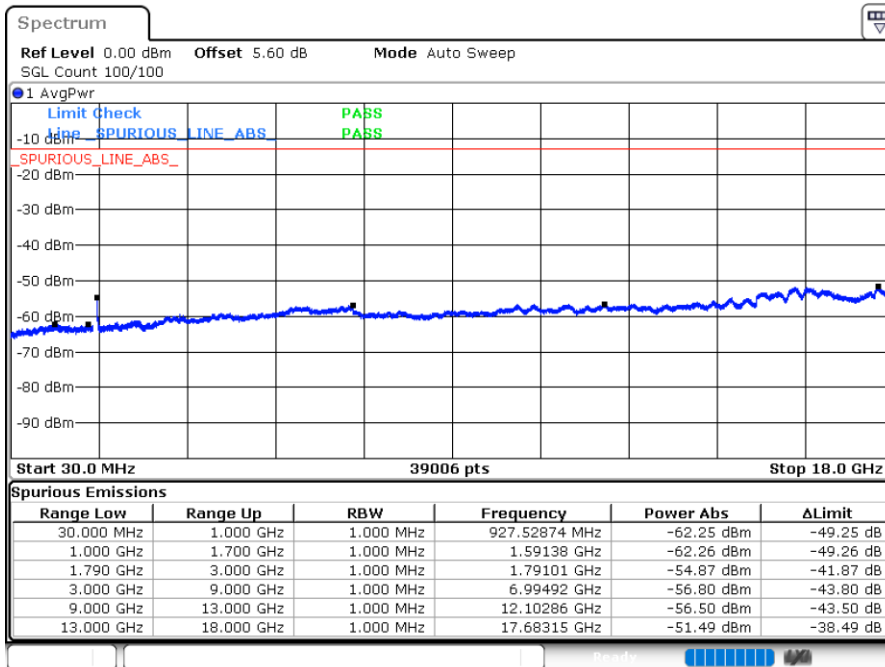


Date: 28.SEP.2022 16:45:18



Date: 28.SEP.2022 16:54:56

Highest Channel / QPSK



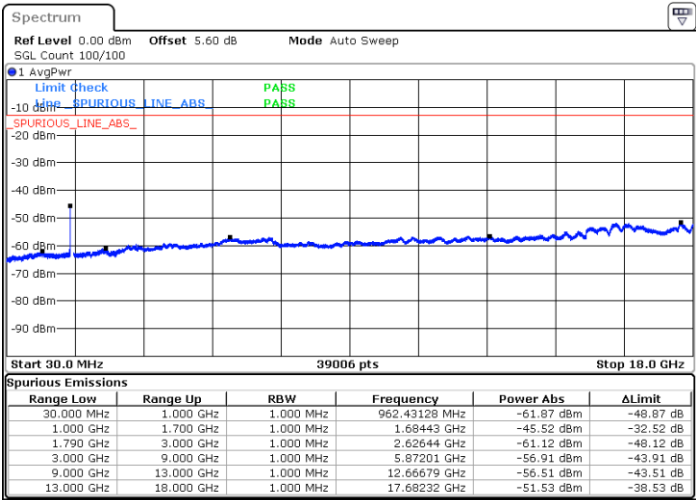
Date: 28.SEP.2022 16:56:36



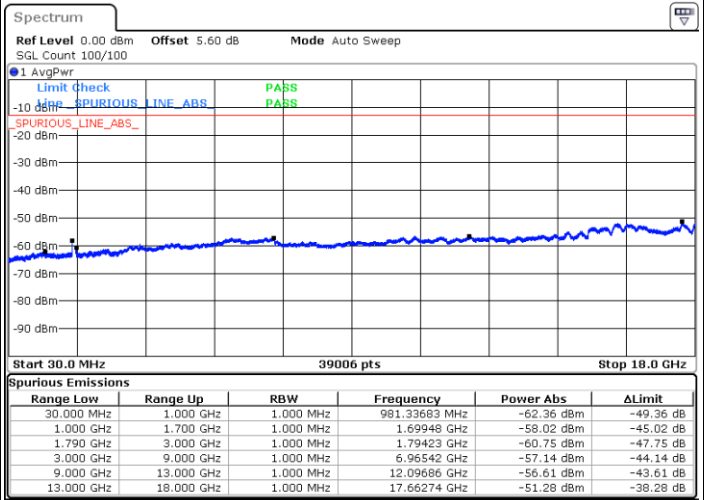
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

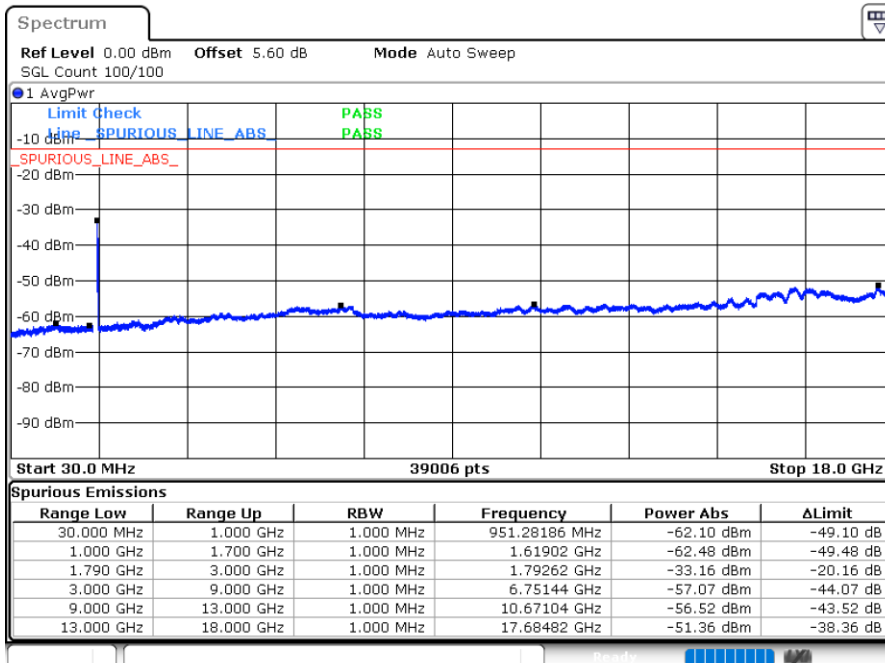


Date: 28.SEP.2022 17:06:14



Date: 28.SEP.2022 17:15:51

Highest Channel / QPSK



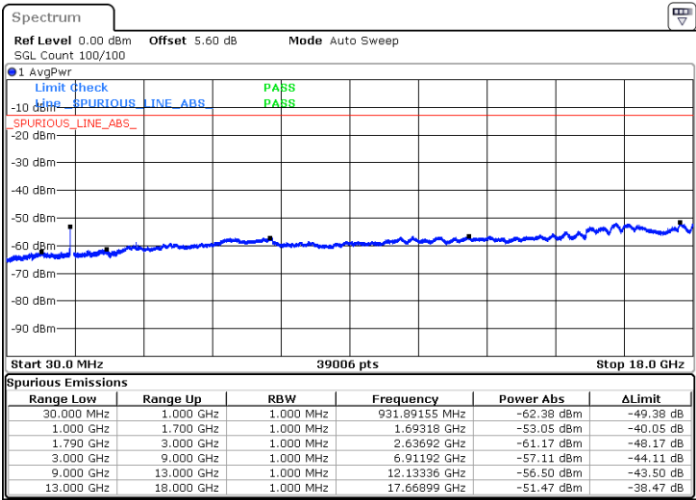
Date: 28.SEP.2022 17:17:31



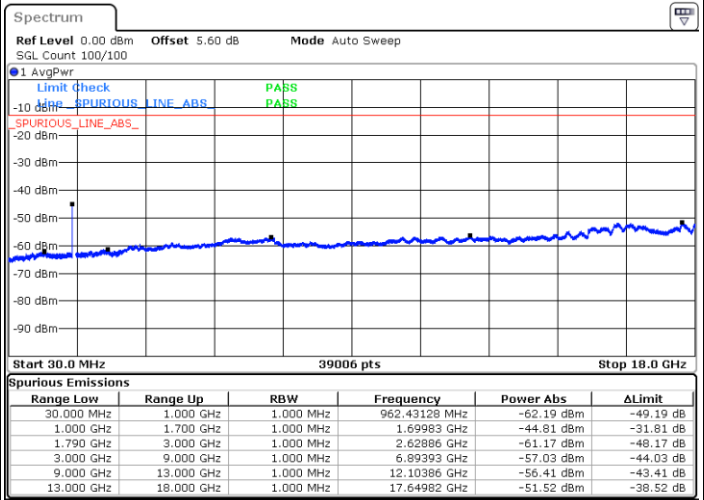
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

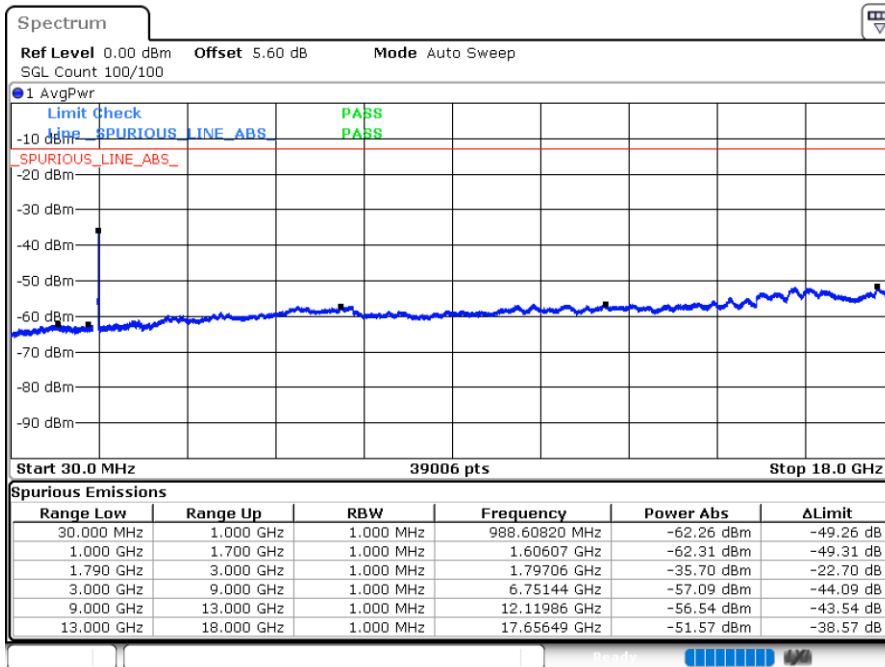


Date: 28.SEP.2022 17:27:10



Date: 28.SEP.2022 17:36:48

Highest Channel / QPSK



Date: 28.SEP.2022 17:38:27



### Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0016	

**Note:**

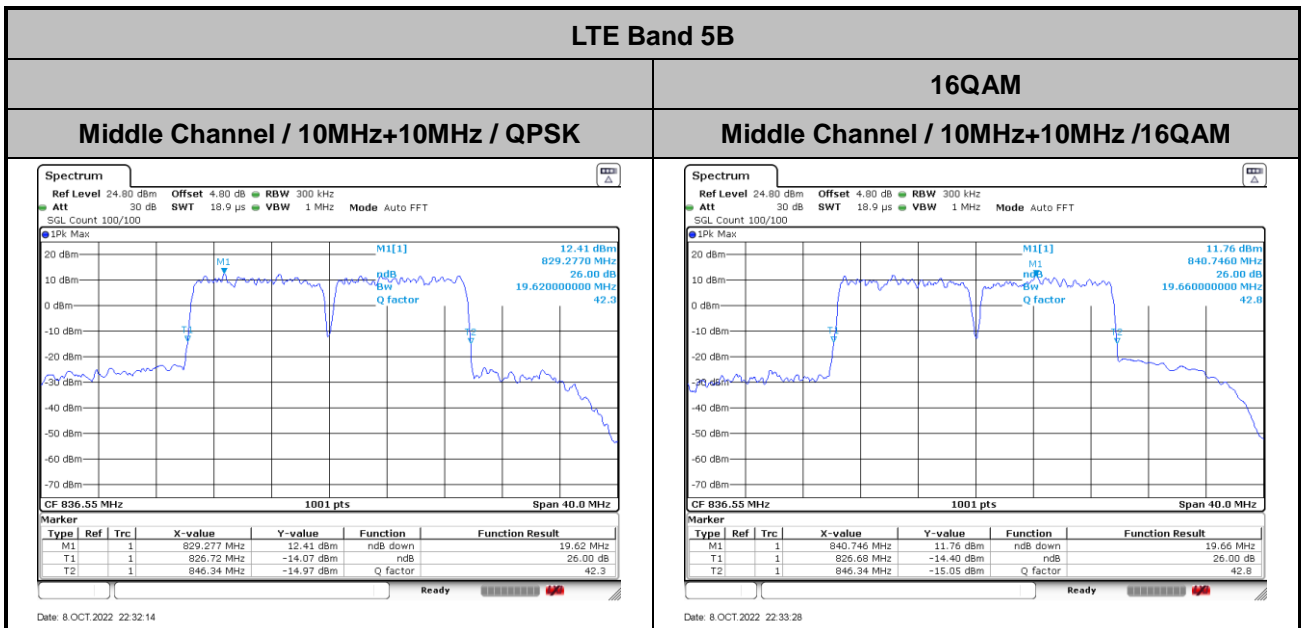
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE CA\_5B

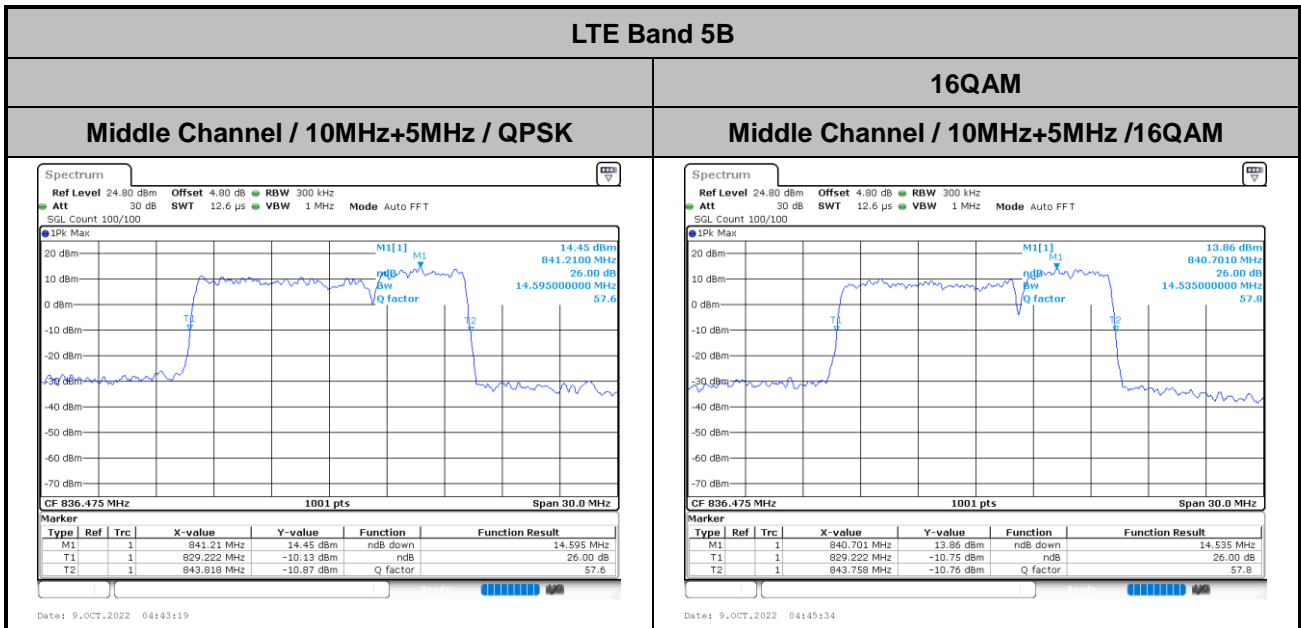
## 26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	10MHz+10MHz	
Middle CH	19.62	19.66



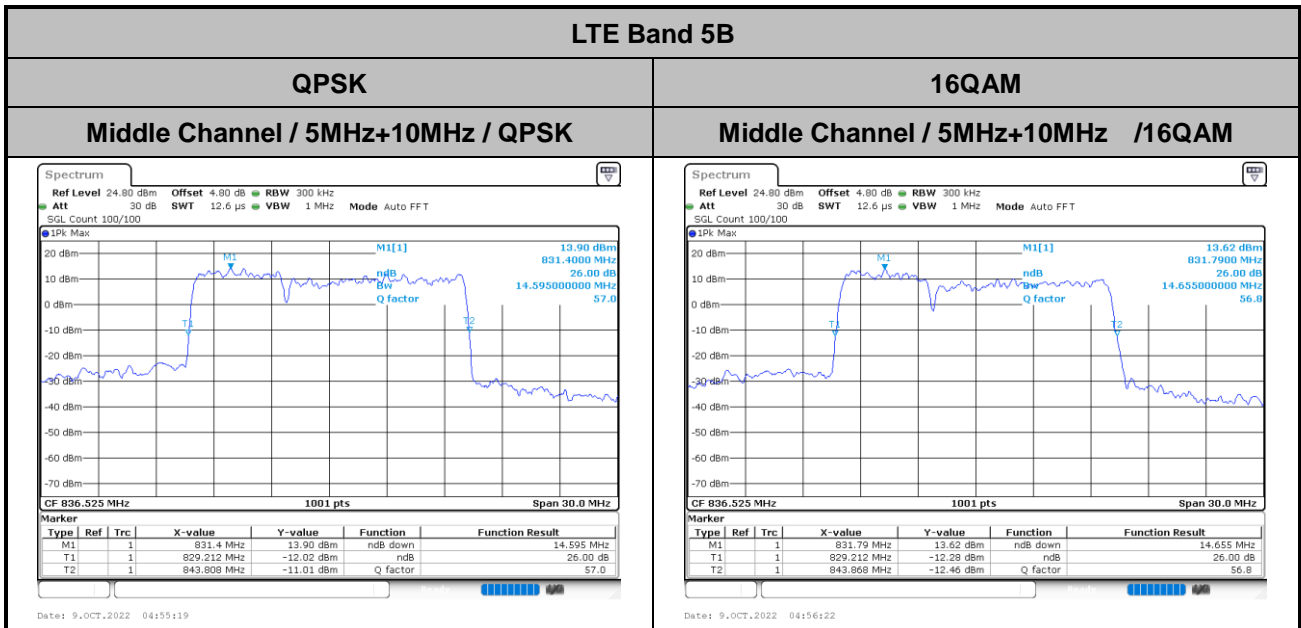


Mode	LTE Band 5B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	10MHz+5MHz	
Middle CH	14.60	14.54





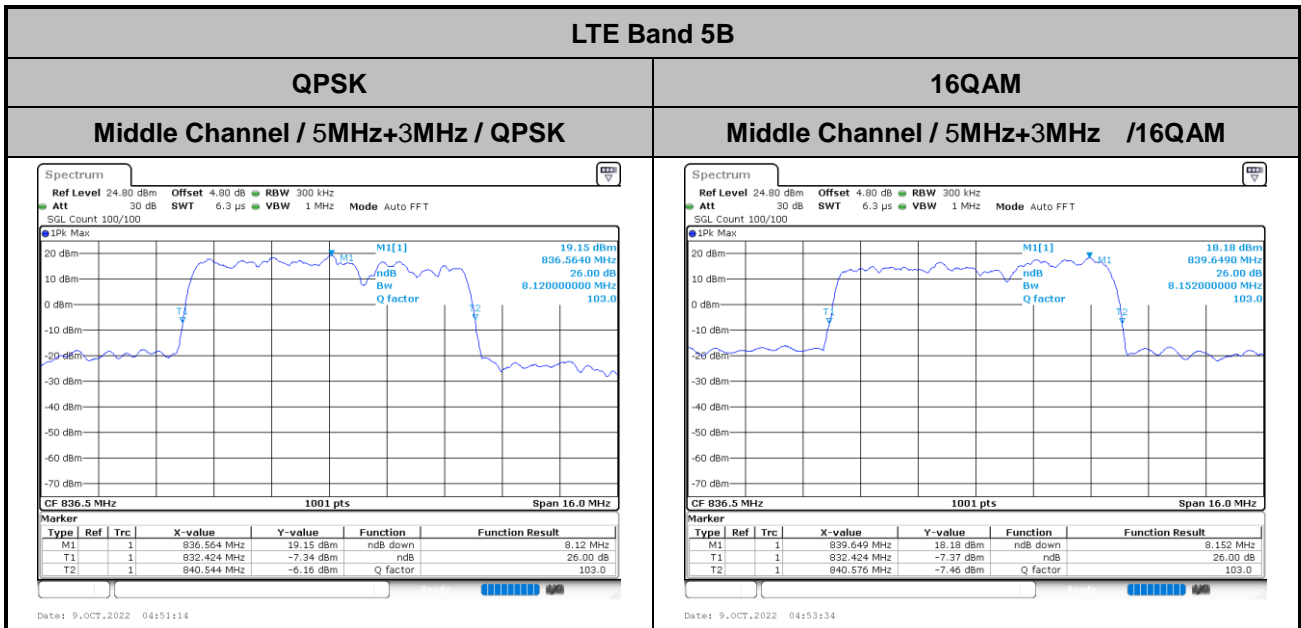
Mode	LTE Band 5B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+10MHz	
Middle CH	14.60	14.66





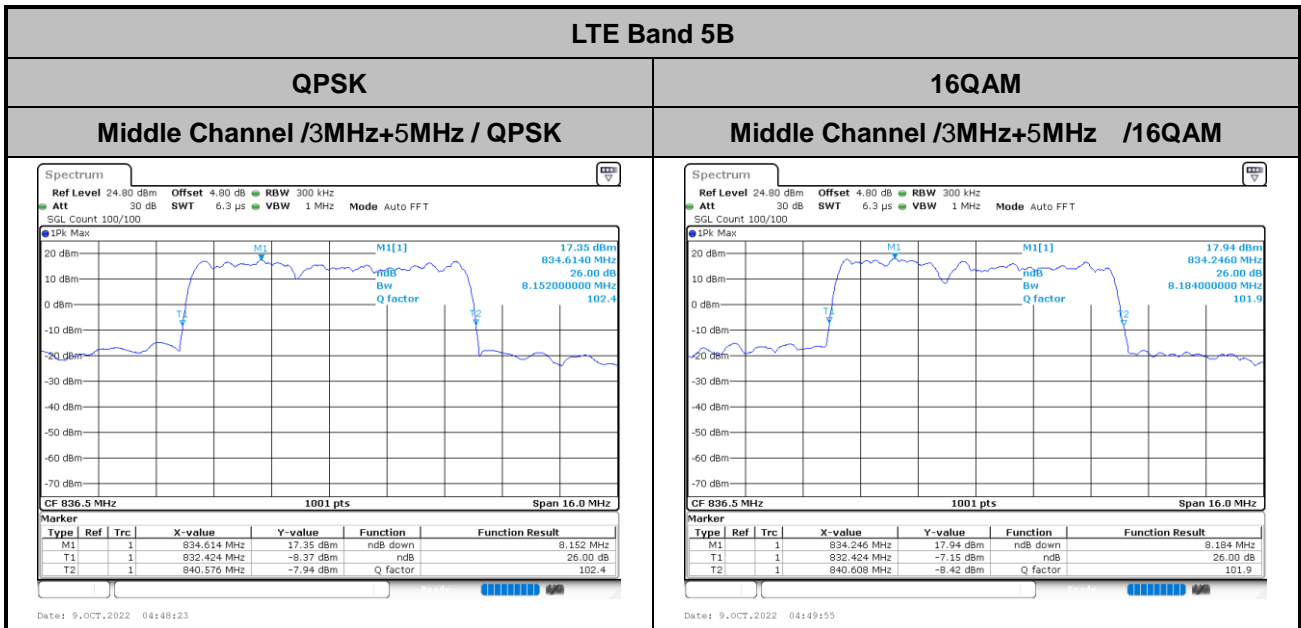


<b>Mode</b>	<b>LTE Band 5B : 26dB BW(MHz)</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>BW</b>	<b>5MHz+3MHz</b>	
<b>Middle CH</b>	<b>8.12</b>	<b>8.15</b>





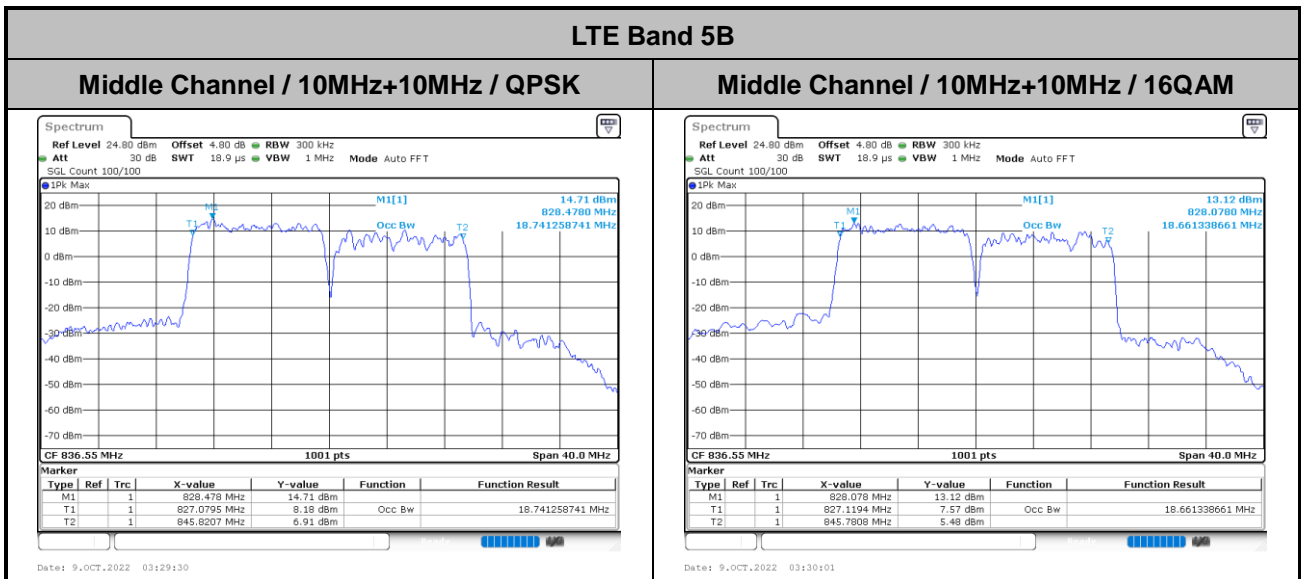
<b>Mode</b>	<b>LTE Band 5B : 26dB BW(MHz)</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>BW</b>	<b>3MHz+5MHz</b>	
<b>Middle CH</b>	<b>8.15</b>	<b>8.18</b>





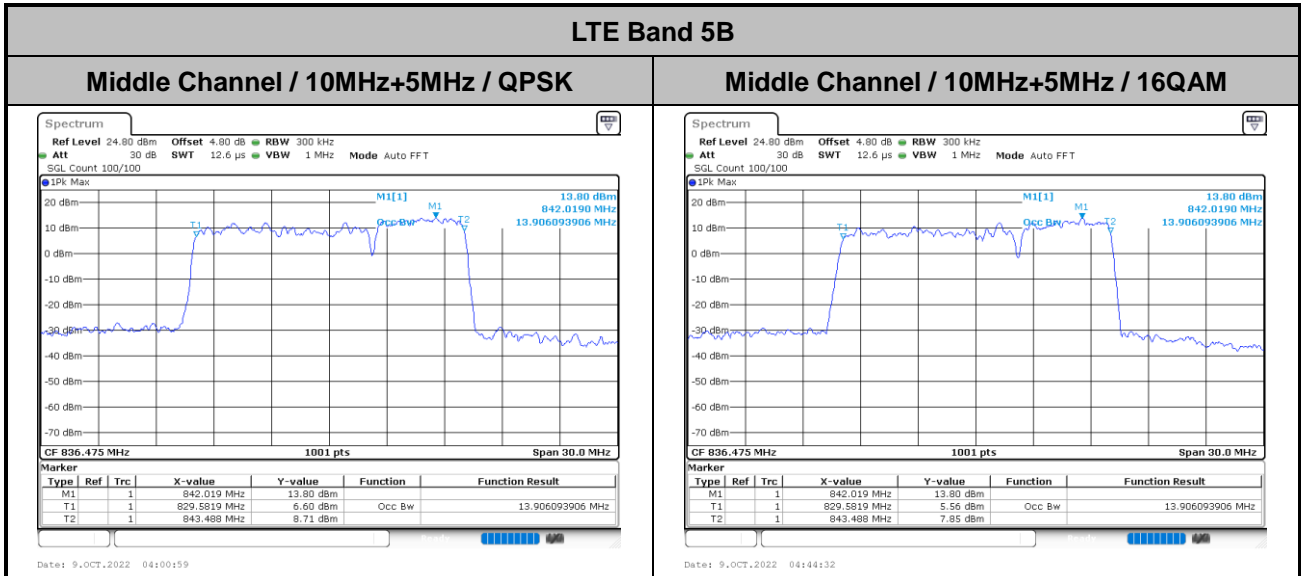
# Occupied Bandwidth

<b>Mode</b>	<b>LTE Band 5B : 99%OBW(MHz)</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>BW</b>	<b>10MHz+10MHz</b>	
<b>Middle CH</b>	18.74	18.66



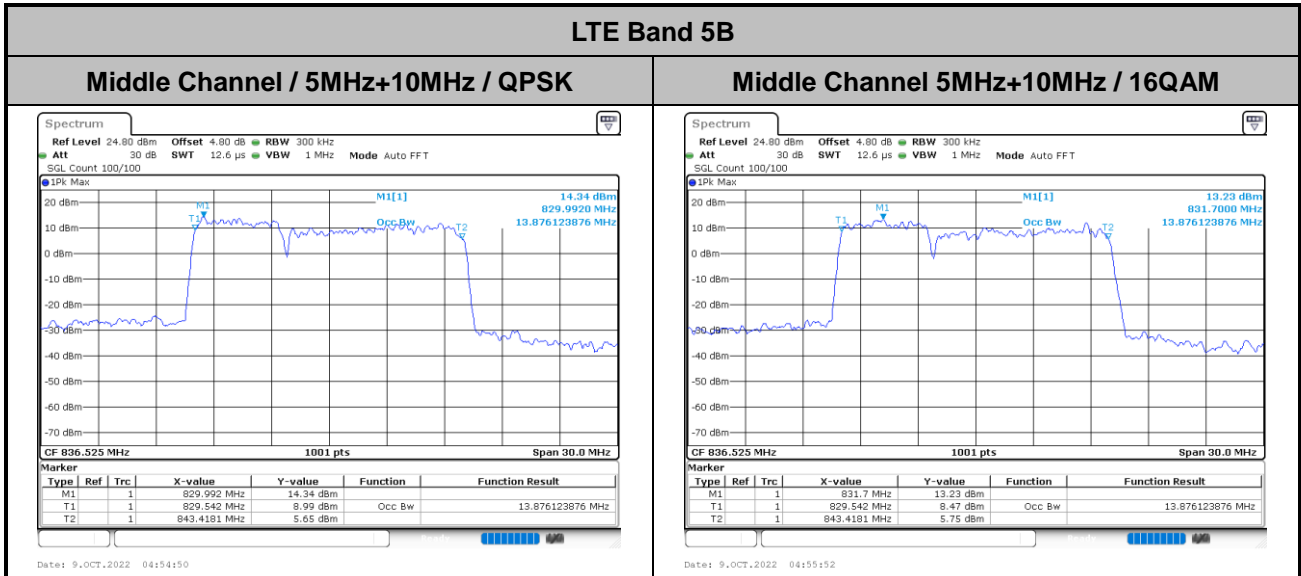


<b>Mode</b>	<b>LTE Band 5B : 99%OBW(MHz)</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>BW</b>	<b>10MHz+5MHz</b>	
<b>Middle CH</b>	13.91	13.91



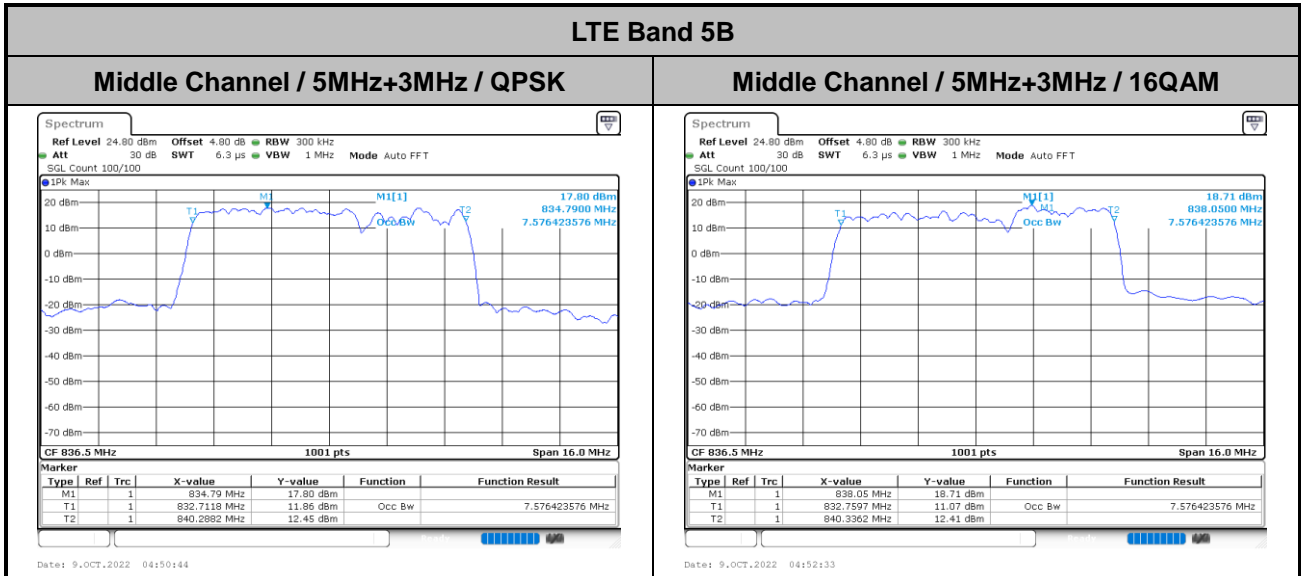


<b>Mode</b>	<b>LTE Band 5B : 99%OBW(MHz)</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>BW</b>	<b>5MHz+10MHz</b>	
<b>Middle CH</b>	13.88	13.88



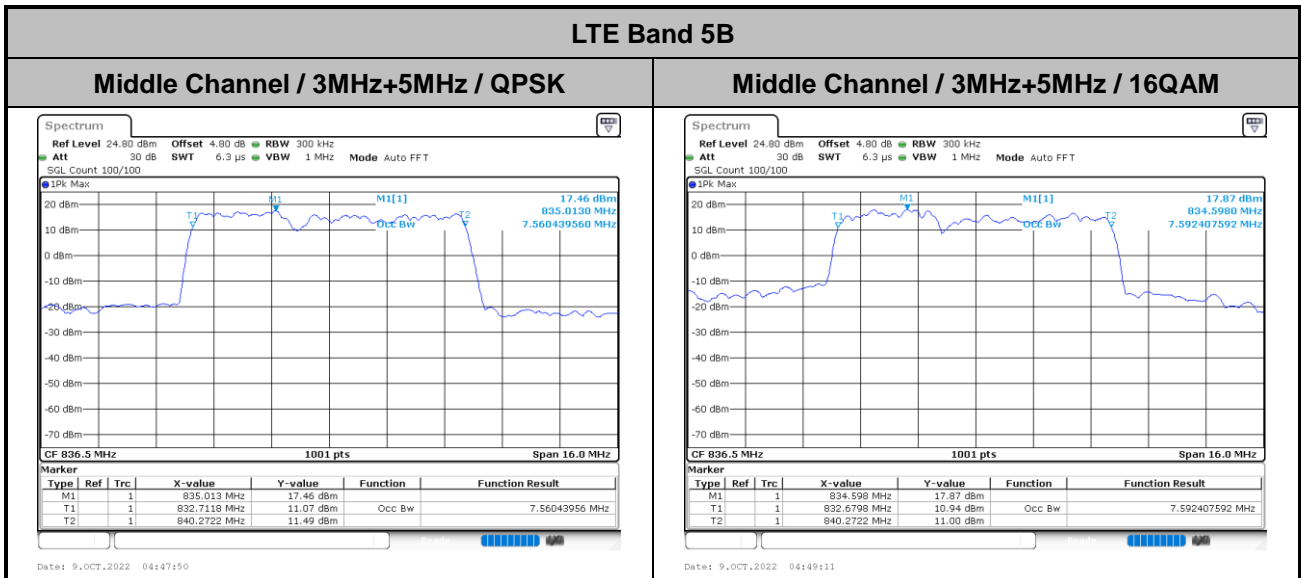


<b>Mode</b>	<b>LTE Band 5B : 99%OBW(MHz)</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>BW</b>	<b>5MHz+3MHz</b>	
<b>Middle CH</b>	<b>7.58</b>	<b>7.58</b>





Mode	LTE Band 5B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	3MHz+5MHz	
Middle CH	7.56	7.59

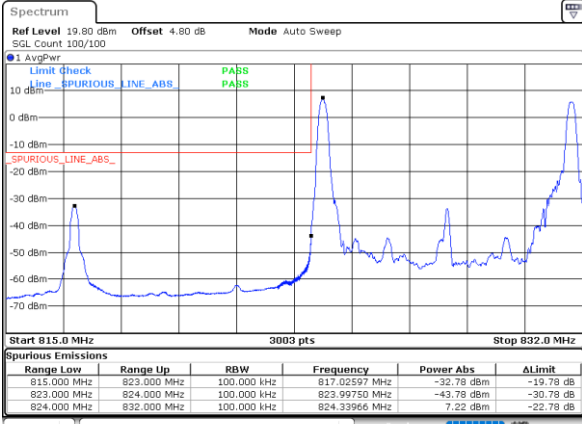




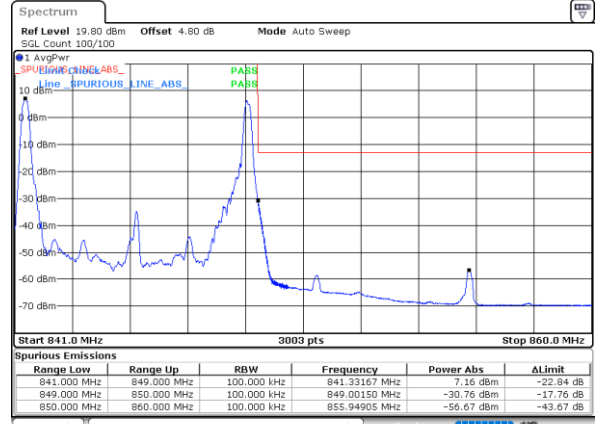
# Conducted Band Edge

## LTE Band 5B / 3MHz+5MHz QPSK

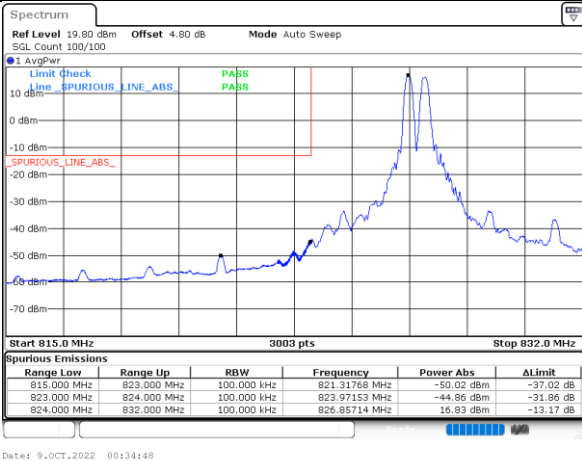
### Lowest Band Edge / 1RB0 and 1RB24



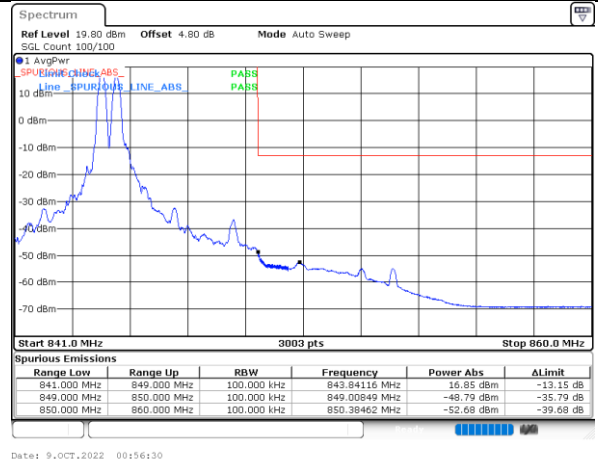
### Highest Band Edge / 1RB0 and 1RB24



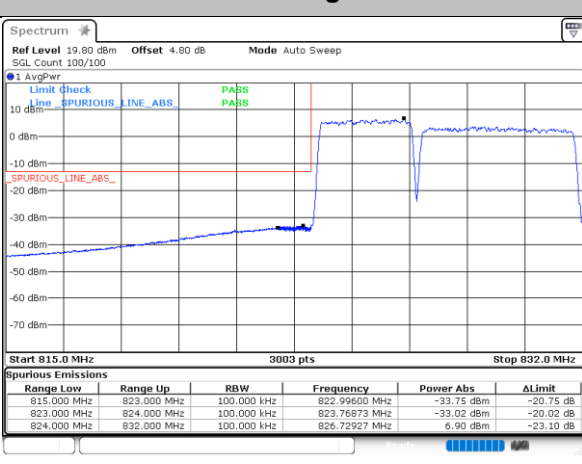
### Lowest Band Edge / 1RB14 and 1RB0



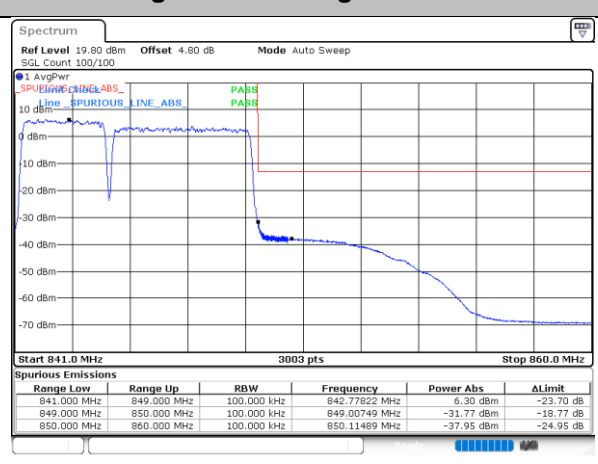
### Highest Band Edge / 1RB14 and 1RB0



### Lowest Band Edge / Full RB



### Highest Band Edge / Full RB





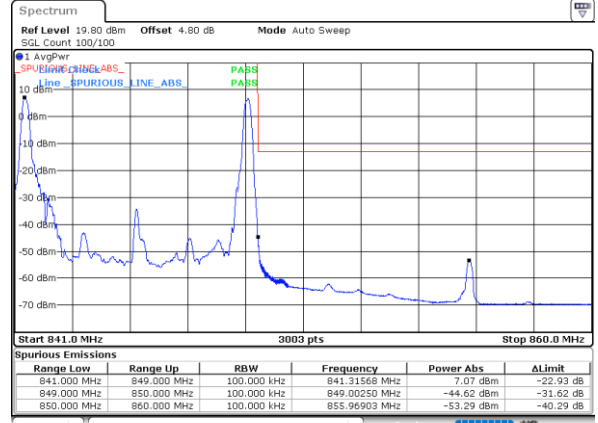
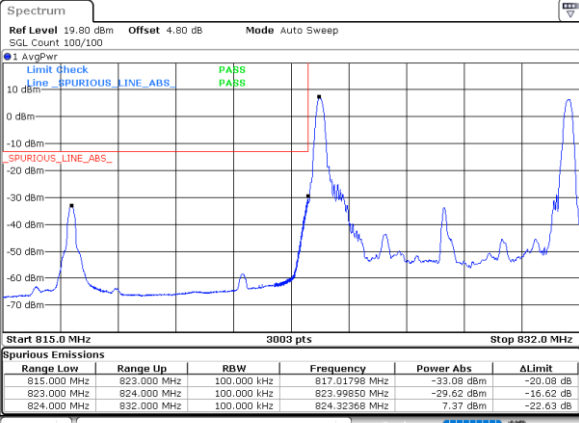


LTE Band 5B / 5MHz+3MHz

QPSK

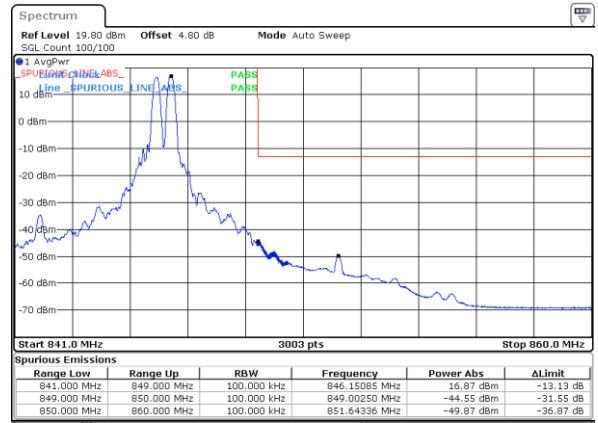
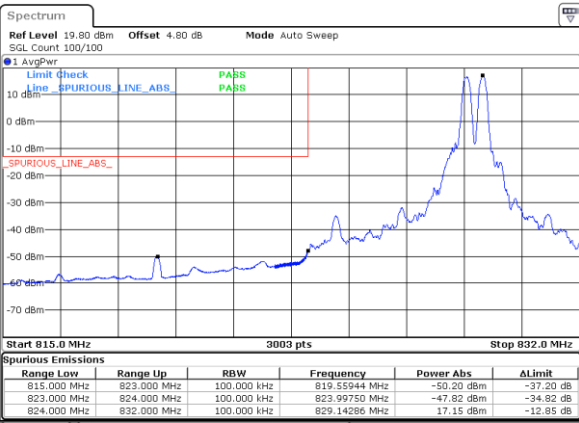
Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



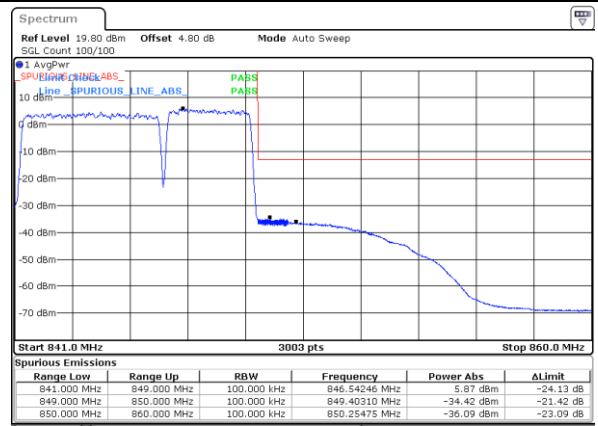
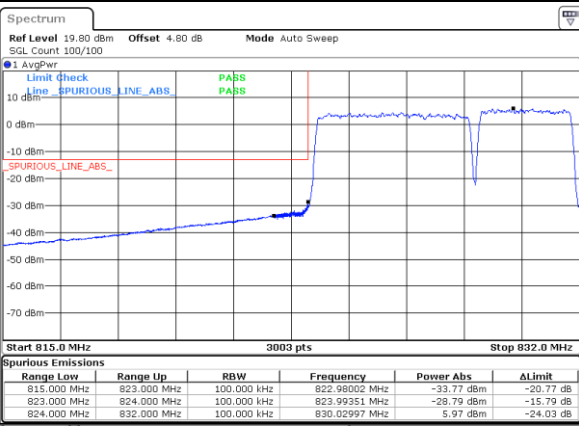
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



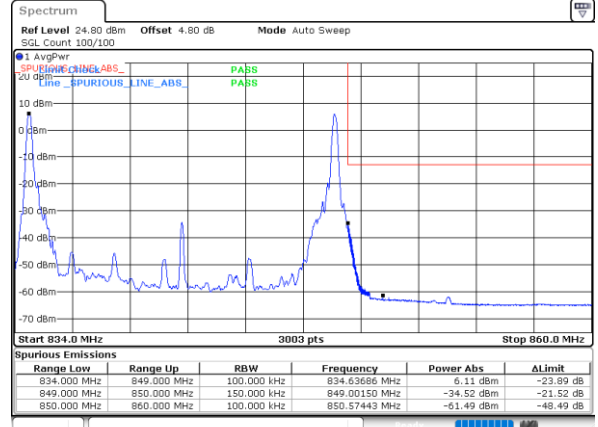
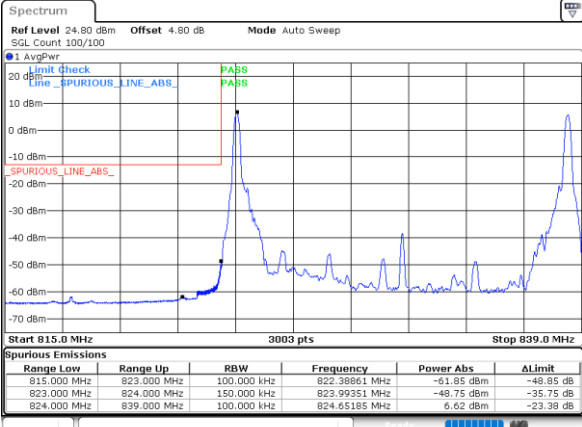


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

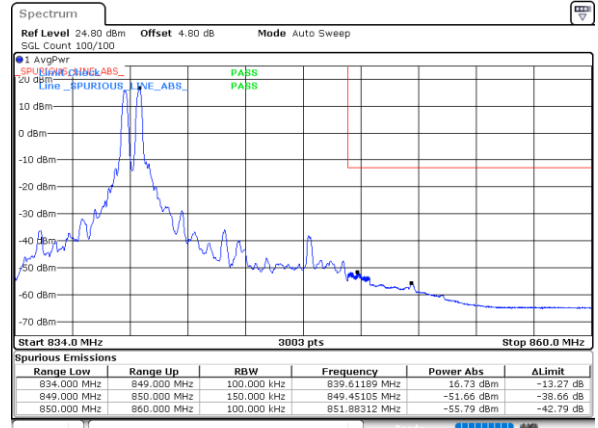
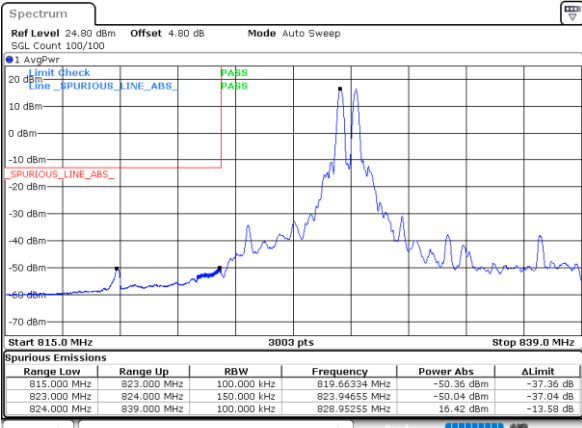


Date: 9.OCT.2022 05:10:09

Date: 9.OCT.2022 05:23:58

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

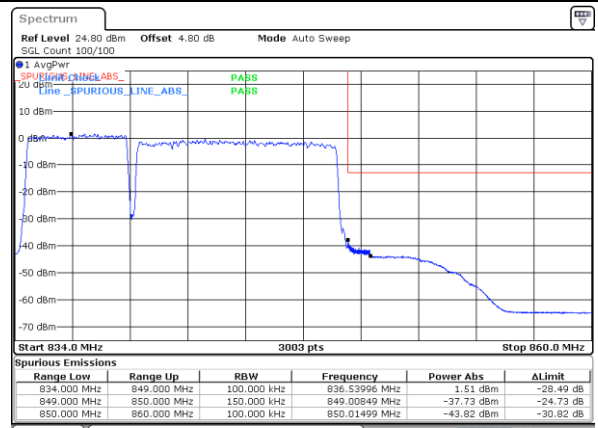
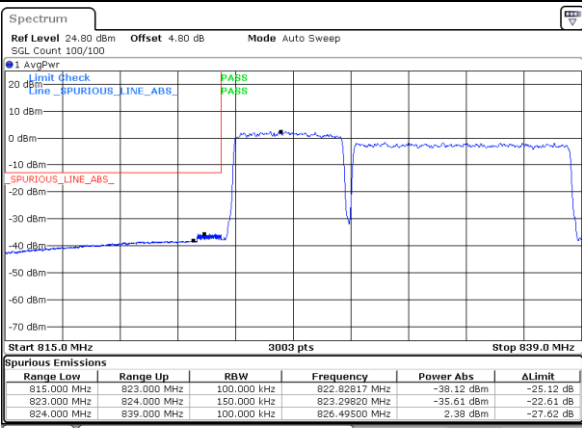


Date: 9.OCT.2022 05:12:07

Date: 9.OCT.2022 05:22:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 05:00:16

Date: 9.OCT.2022 05:33:51

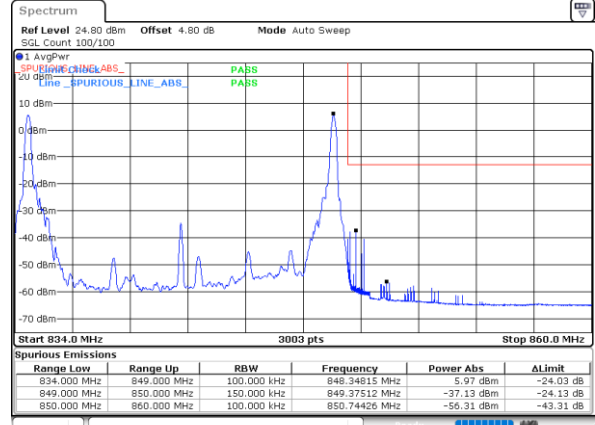
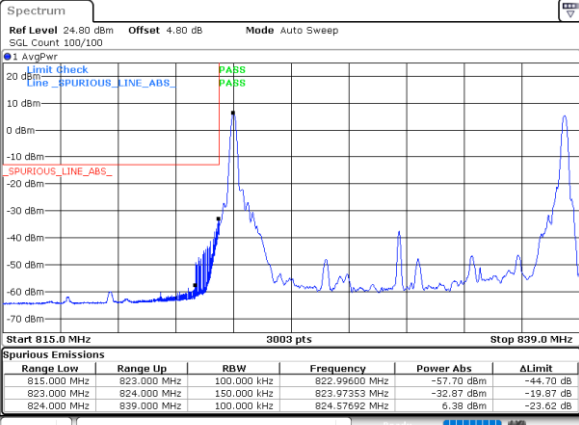


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

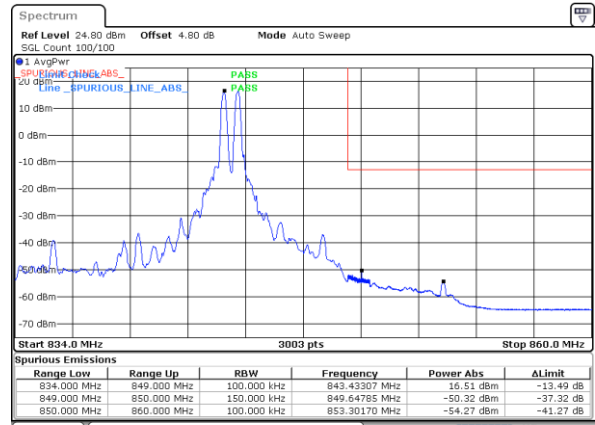
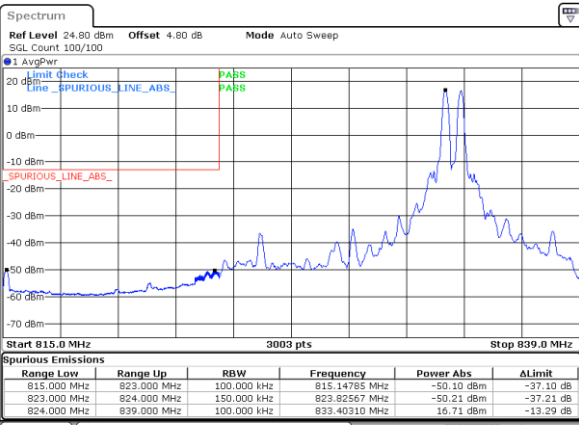


Date: 9.OCT.2022 02:13:18

Date: 9.OCT.2022 03:42:47

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

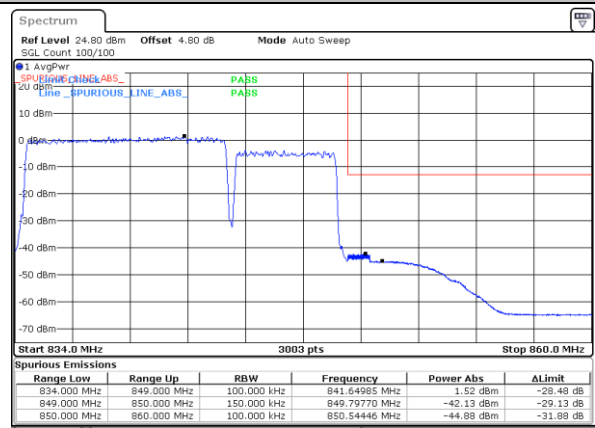
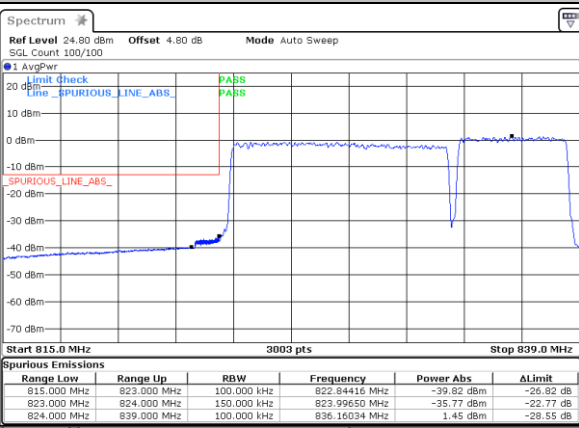


Date: 9.OCT.2022 02:15:16

Date: 9.OCT.2022 03:44:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 02:03:27

Date: 9.OCT.2022 03:32:55

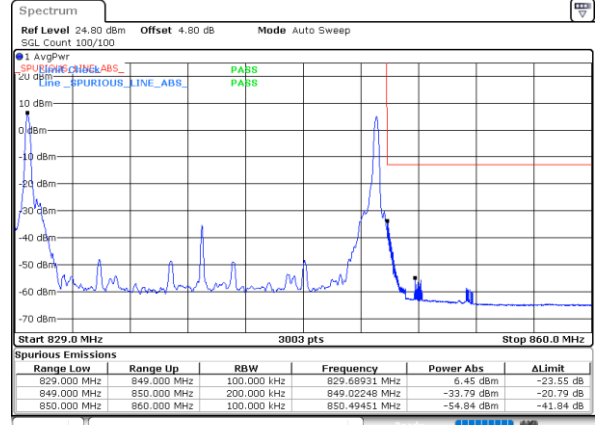
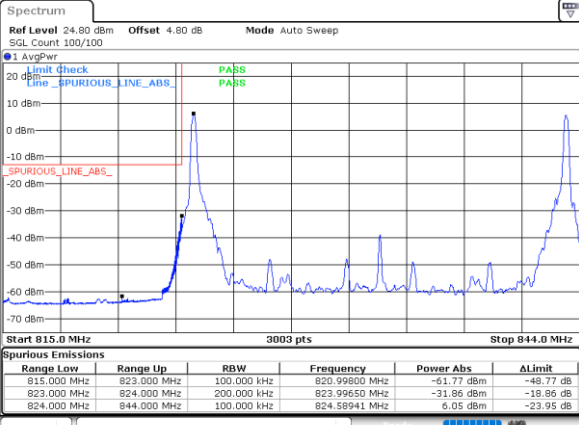


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

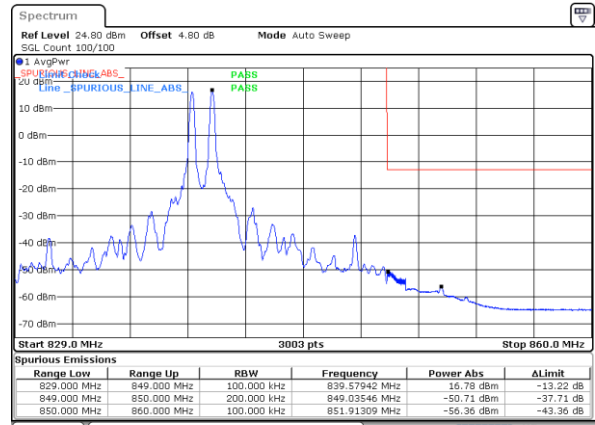
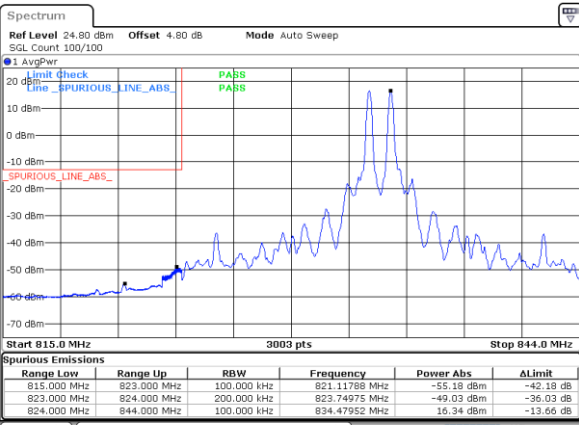


Date: 9.OCT.2022 02:17:28

Date: 9.OCT.2022 02:51:18

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

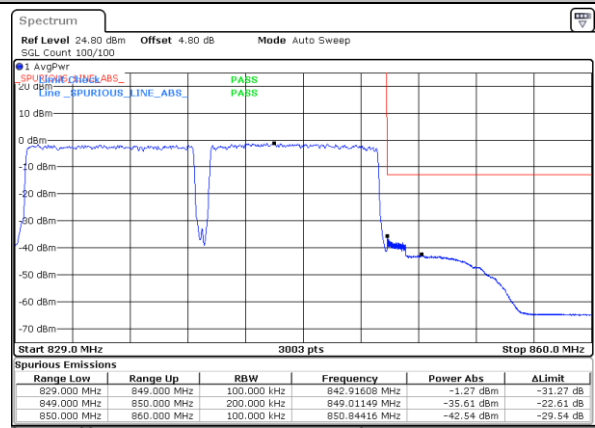
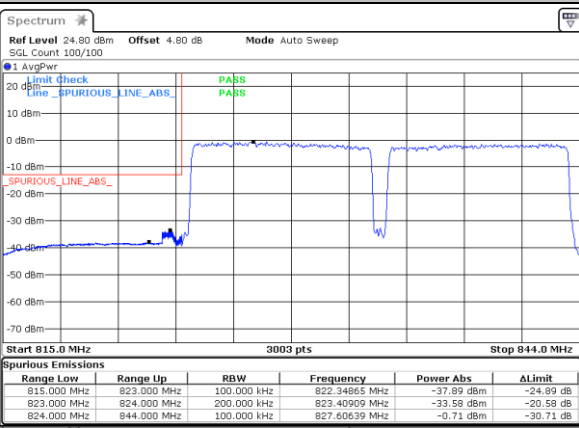


Date: 9.OCT.2022 02:19:26

Date: 9.OCT.2022 03:01:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 02:27:17

Date: 9.OCT.2022 02:49:20

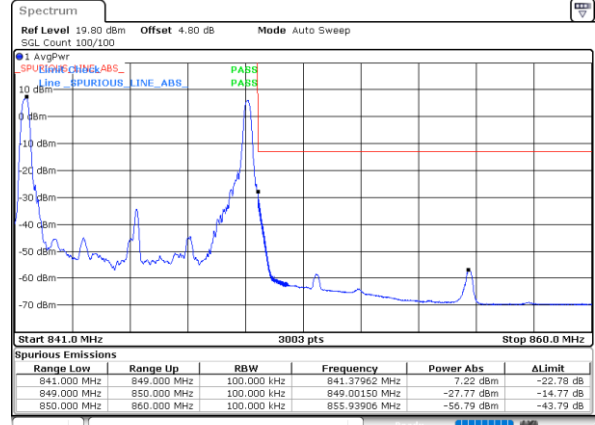
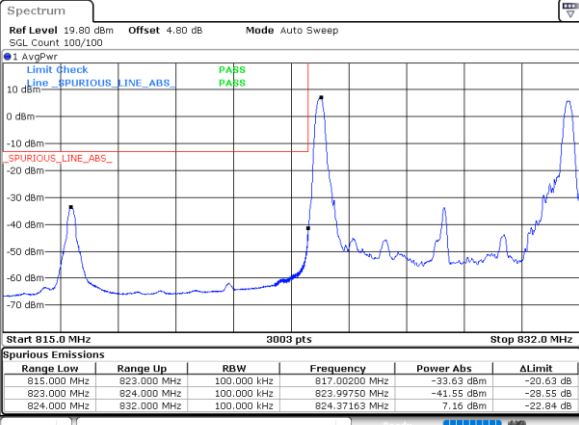


LTE Band 5B / 3MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

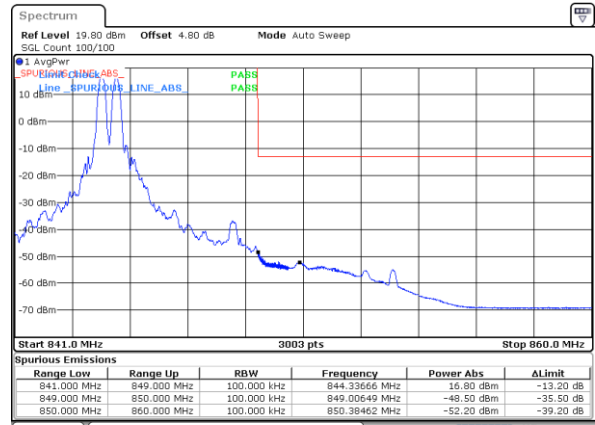
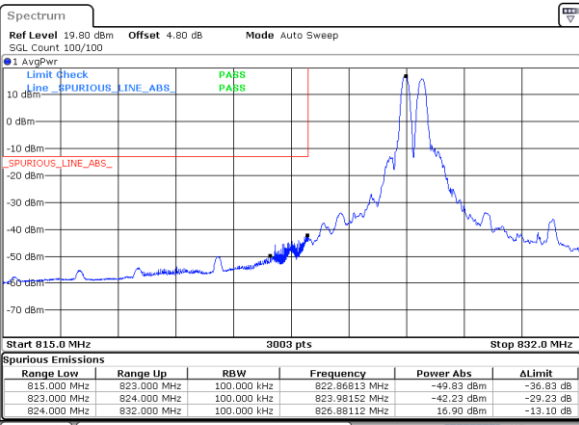


Date: 9.OCT.2022 00:19:44

Date: 9.OCT.2022 00:48:30

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

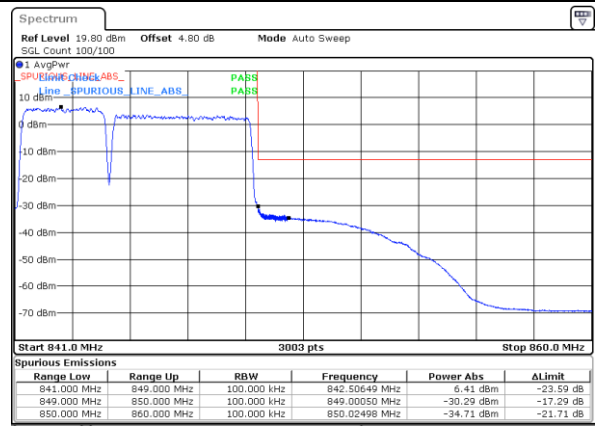
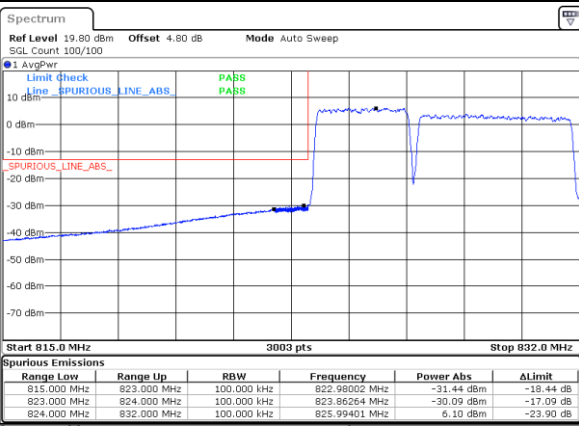


Date: 9.OCT.2022 00:16:45

Date: 9.OCT.2022 00:54:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 00:13:48

Date: 9.OCT.2022 00:42:45

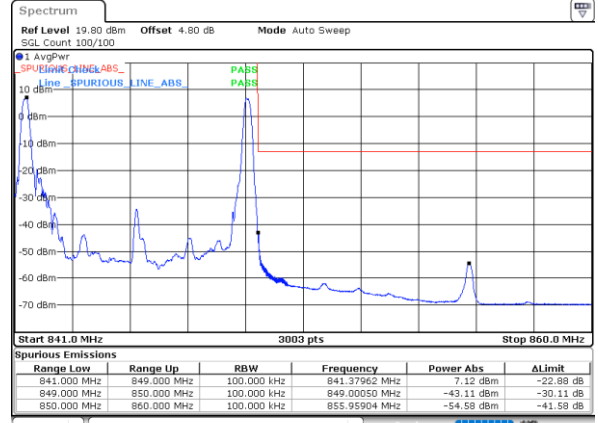
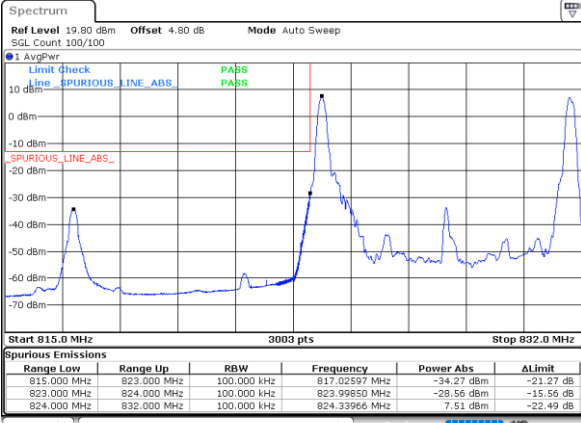


LTE Band 5B / 5MHz+3MHz

16QAM

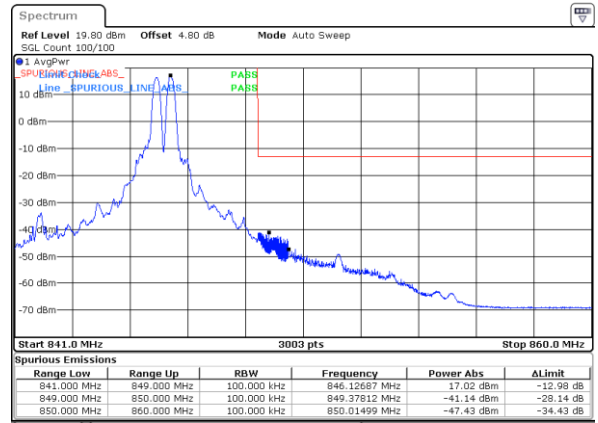
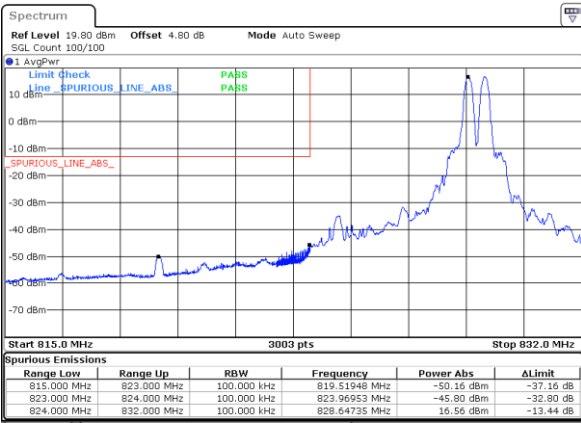
Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



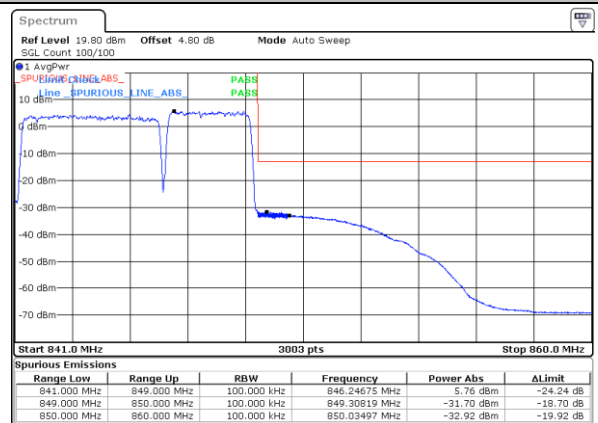
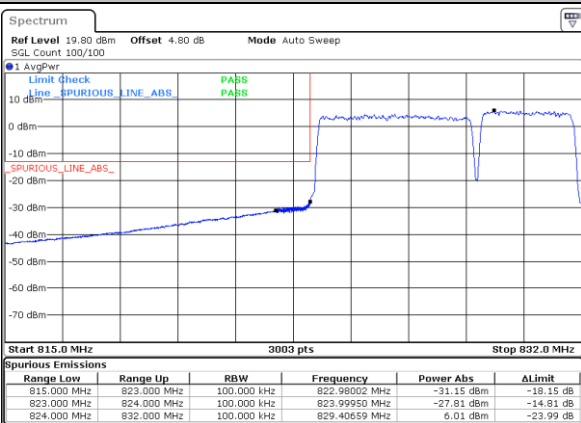
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



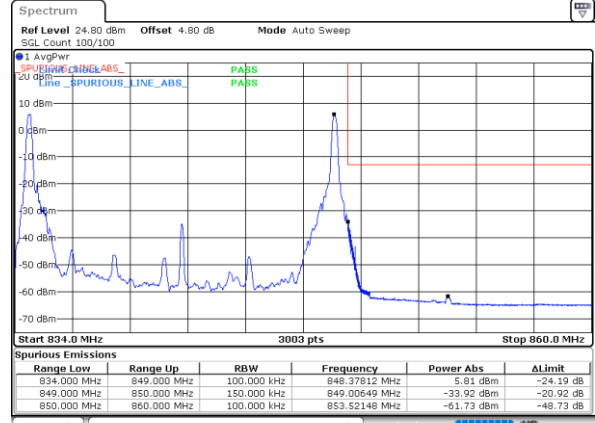
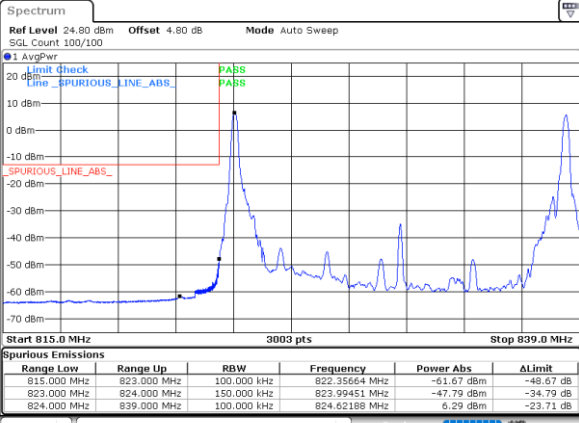


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

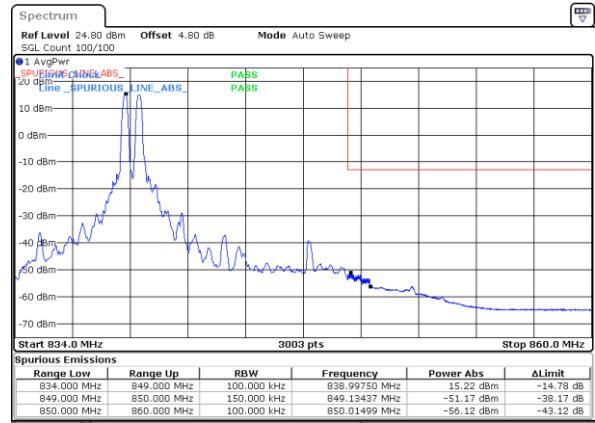
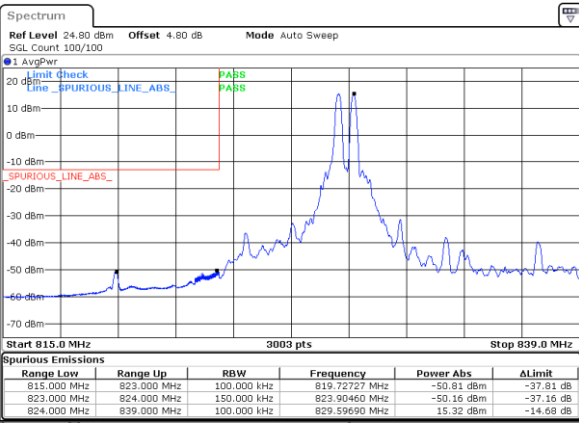


Date: 9.OCT.2022 05:08:10

Date: 9.OCT.2022 05:25:57

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

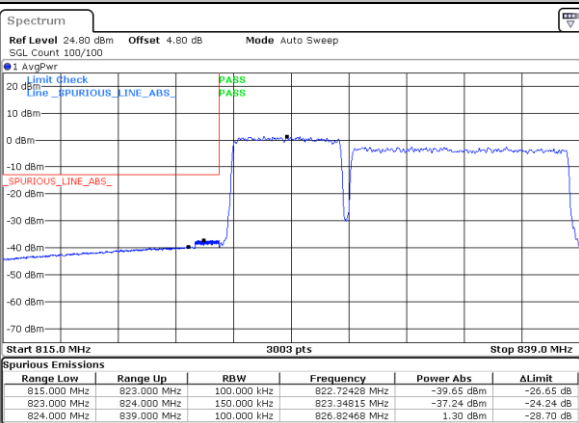


Date: 9.OCT.2022 05:14:06

Date: 9.OCT.2022 05:20:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 05:02:14

Date: 9.OCT.2022 05:31:52