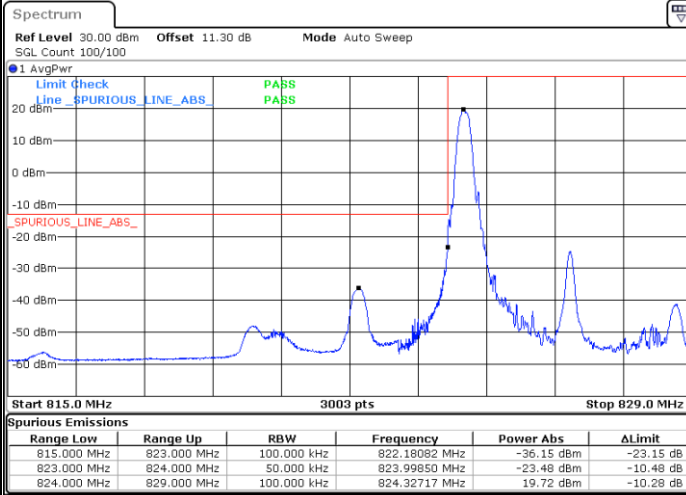




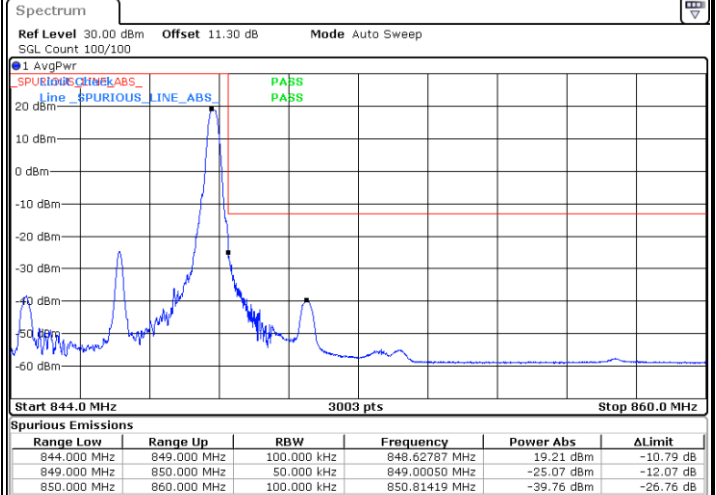
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



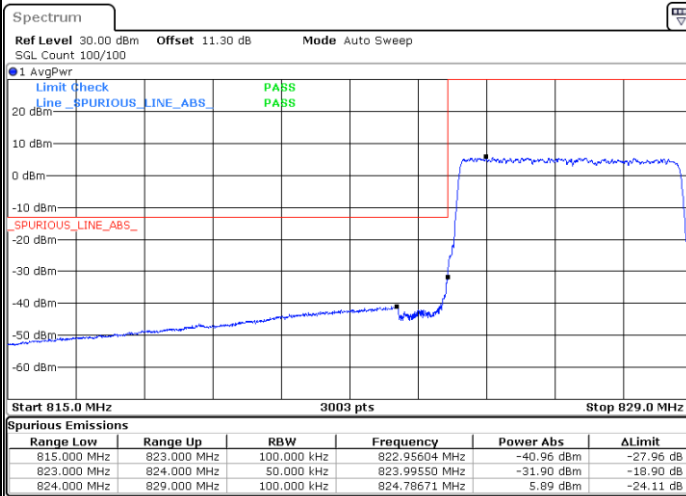
Date: 10 JUN 2021 15:31:15

Highest Band Edge / 1 RB



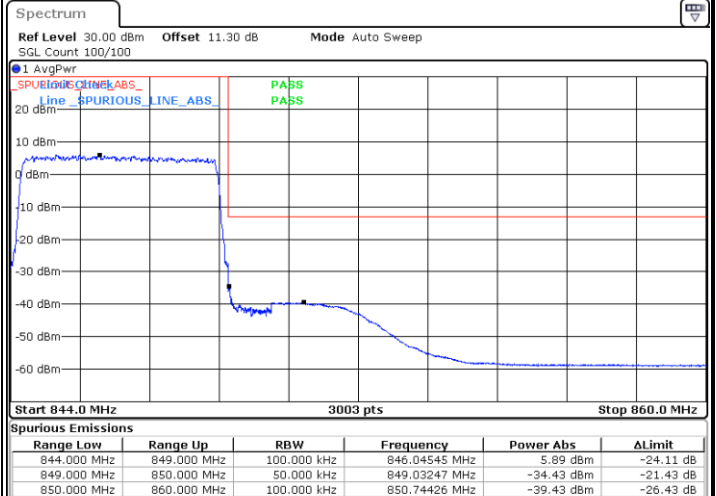
Date: 10 JUN 2021 15:41:57

Lowest Band Edge / Full RB



Date: 10 JUN 2021 15:34:56

Highest Band Edge / Full RB

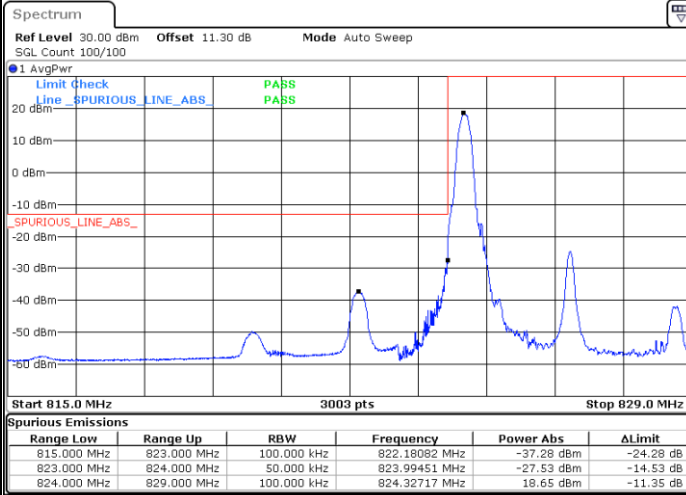


Date: 10 JUN 2021 15:45:38



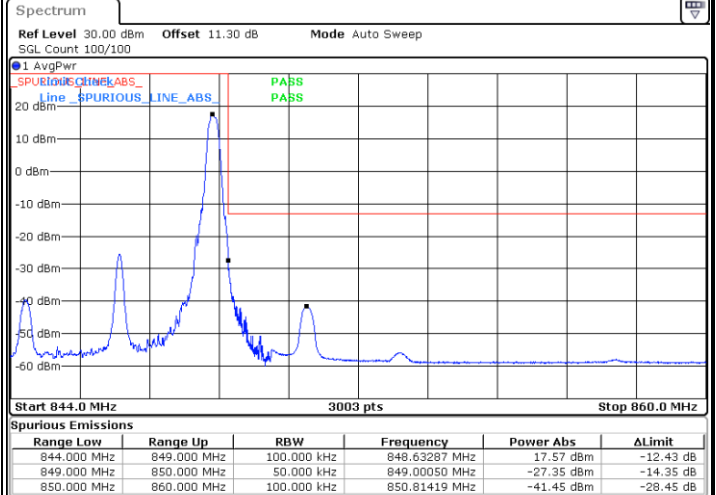
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



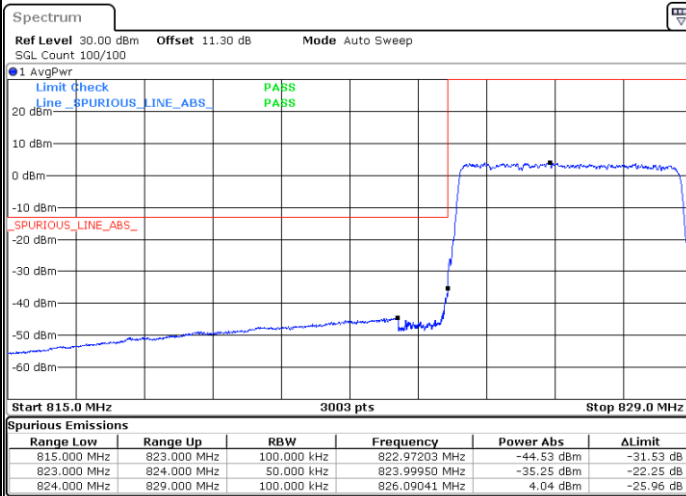
Date: 10 JUN 2021 15:48:30

Highest Band Edge / 1 RB



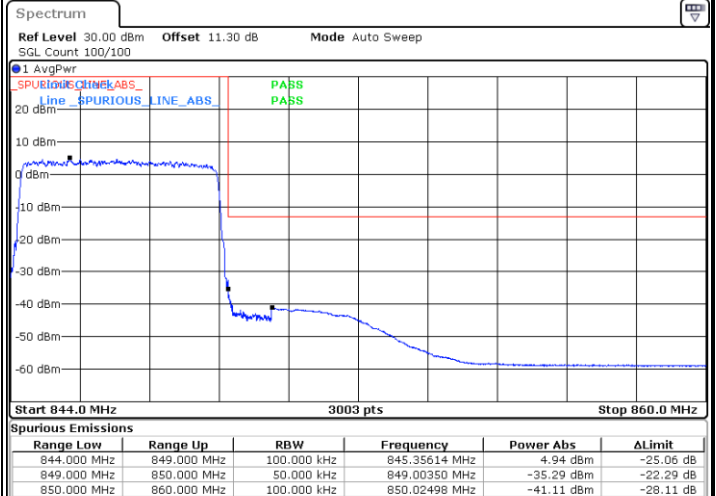
Date: 10 JUN 2021 15:52:55

Lowest Band Edge / Full RB



Date: 10 JUN 2021 15:50:21

Highest Band Edge / Full RB

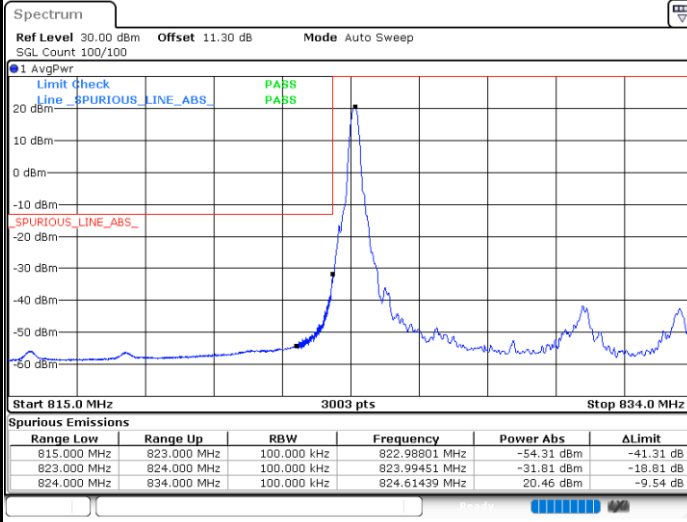


Date: 10 JUN 2021 15:54:46



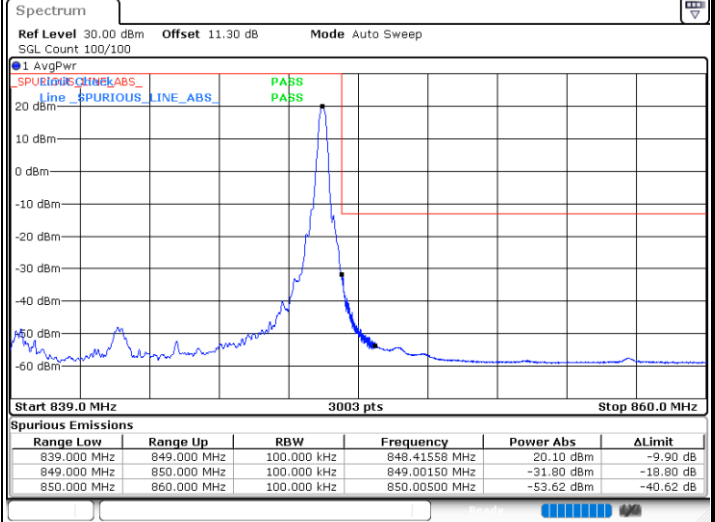
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



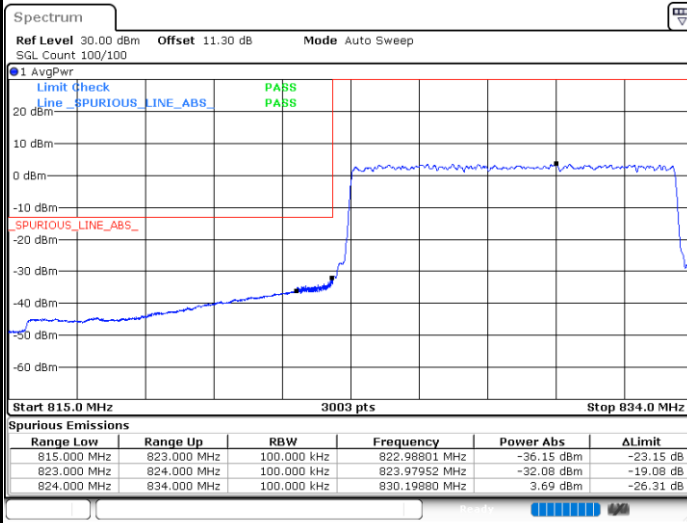
Date: 10 JUN 2021 15:56:37

Highest Band Edge / 1 RB



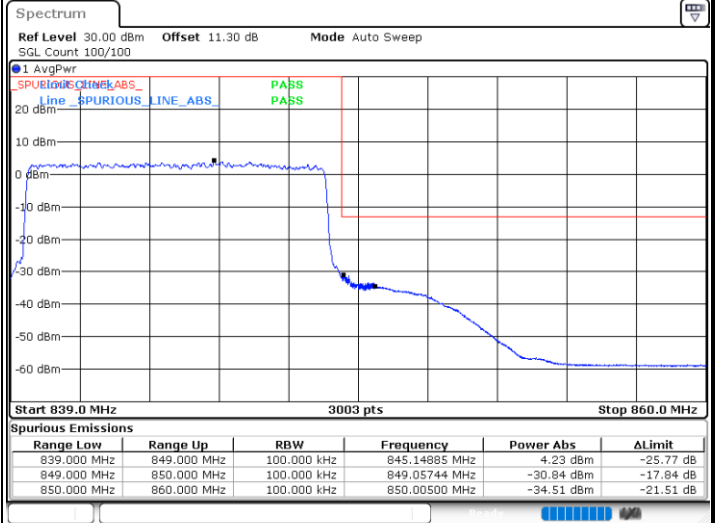
Date: 10 JUN 2021 16:07:19

Lowest Band Edge / Full RB



Date: 10 JUN 2021 16:00:19

Highest Band Edge / Full RB

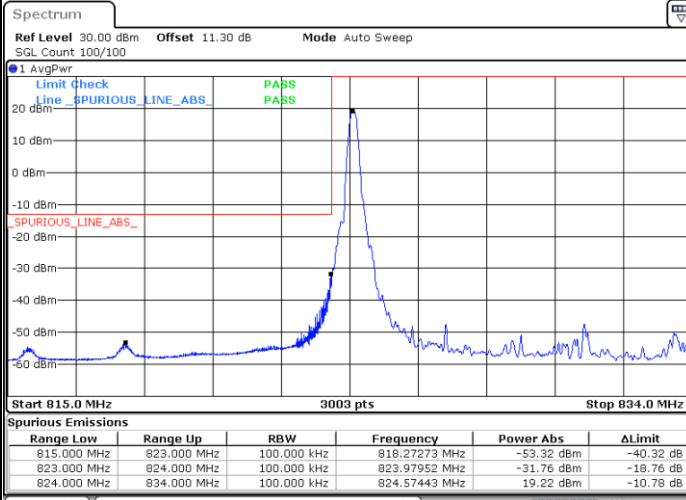


Date: 10 JUN 2021 16:11:01



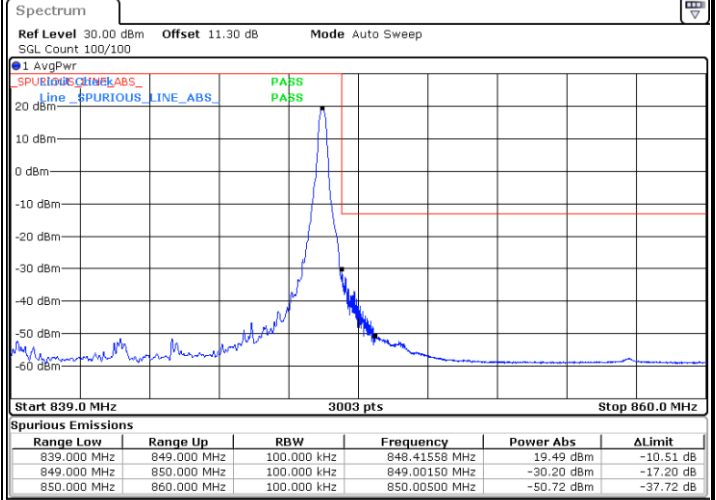
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



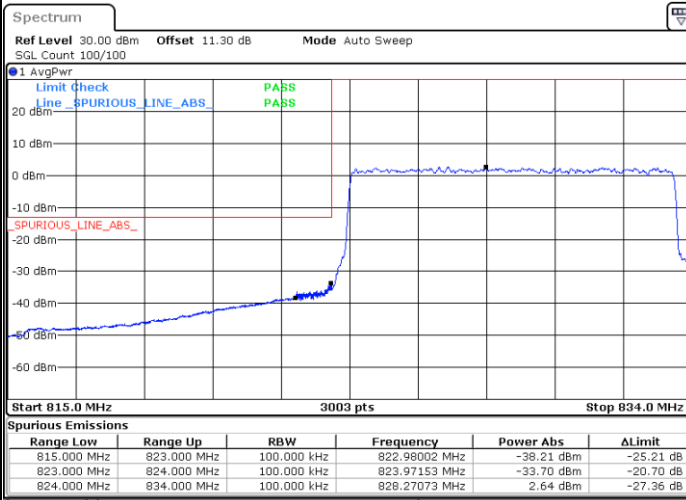
Date: 10 JUN 2021 15:58:28

Highest Band Edge / 1 RB



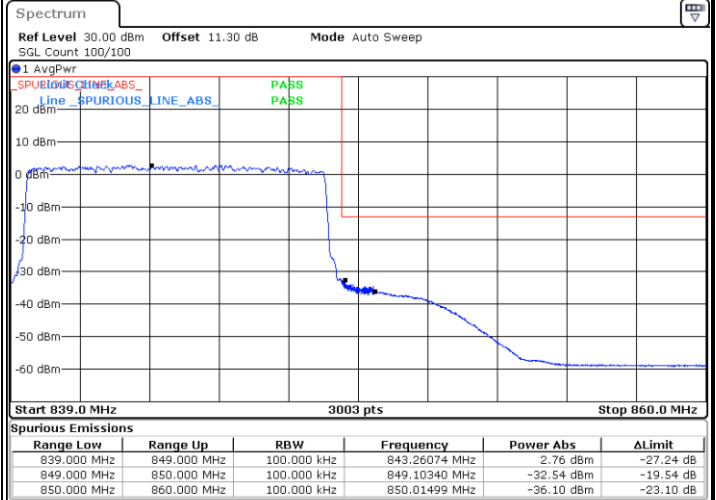
Date: 10 JUN 2021 16:09:10

Lowest Band Edge / Full RB



Date: 10 JUN 2021 16:02:10

Highest Band Edge / Full RB

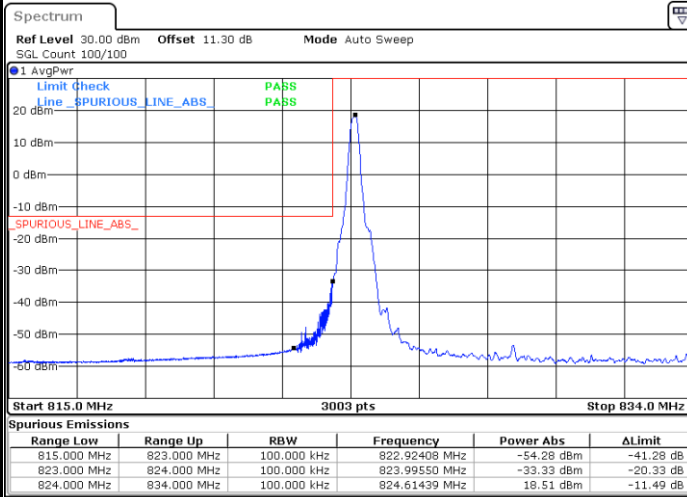


Date: 10 JUN 2021 16:12:52



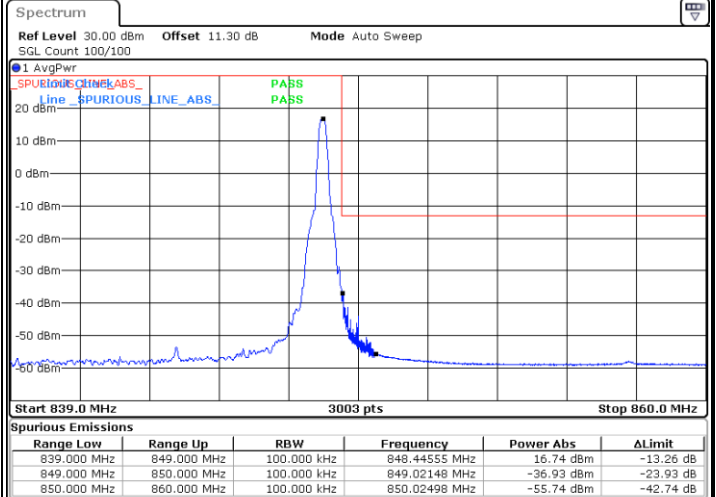
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



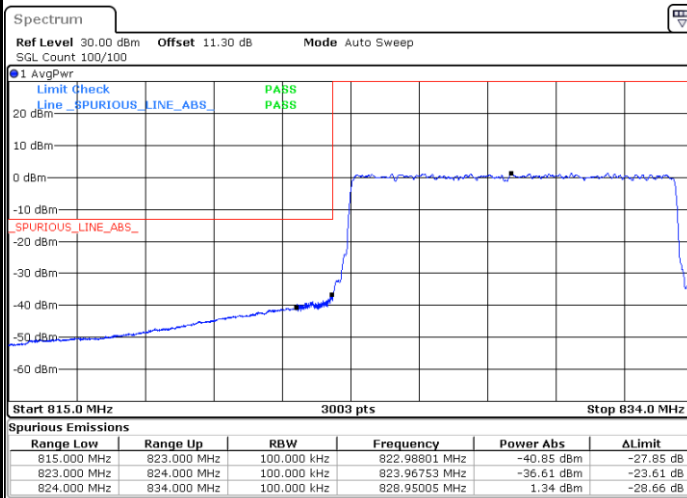
Date: 10 JUN 2021 16:15:39

Highest Band Edge / 1 RB



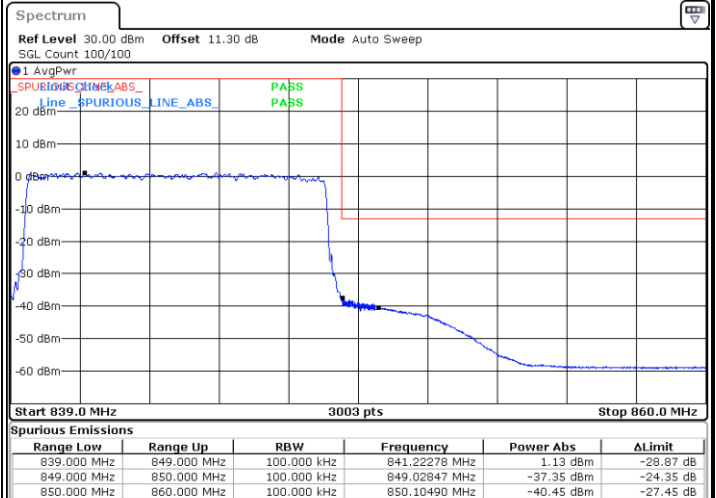
Date: 10 JUN 2021 16:20:04

Lowest Band Edge / Full RB



Date: 10 JUN 2021 16:17:30

Highest Band Edge / Full RB



Date: 10 JUN 2021 16:21:55

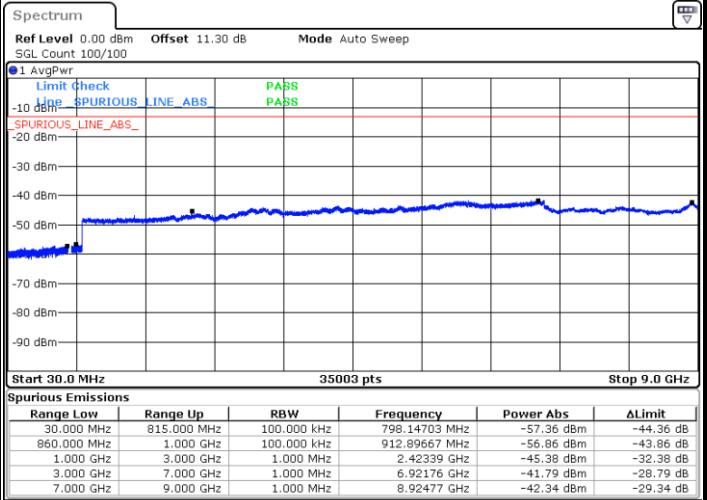
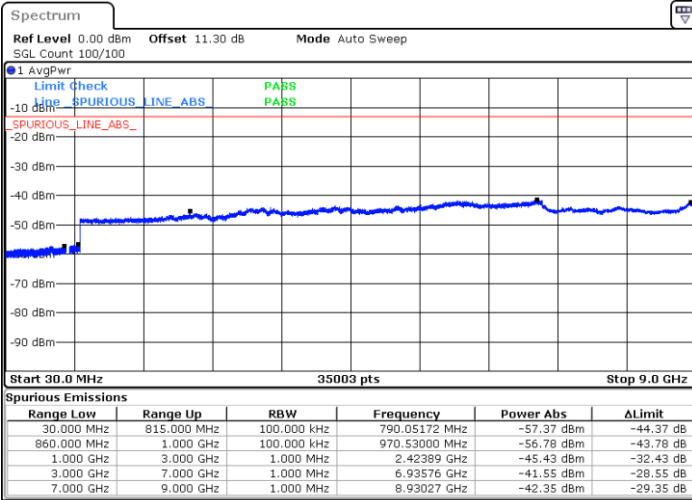


# Conducted Spurious Emission

## LTE Band 5 / 1.4MHz

### Lowest Channel / QPSK

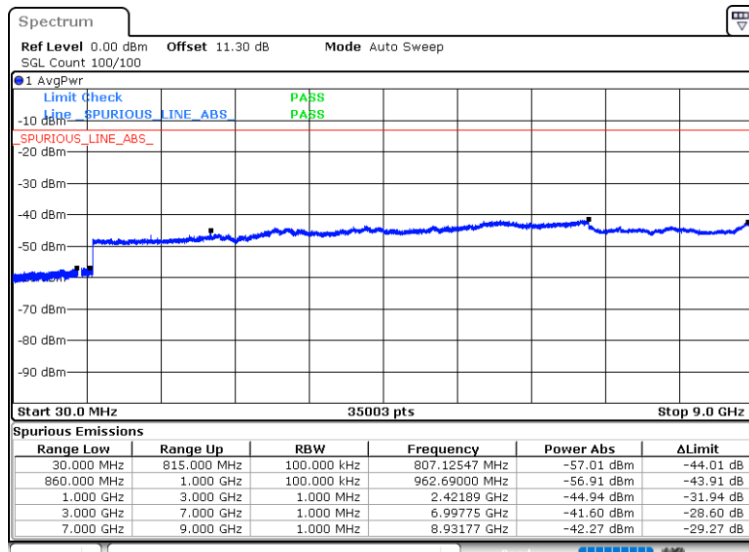
### Middle Channel / QPSK



Date: 10 JUN 2021 14:41:36

Date: 10 JUN 2021 14:43:58

### Highest Channel / QPSK



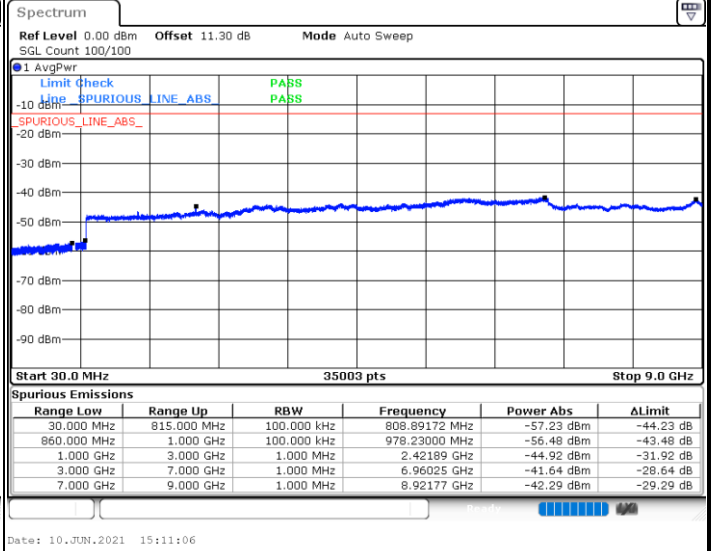
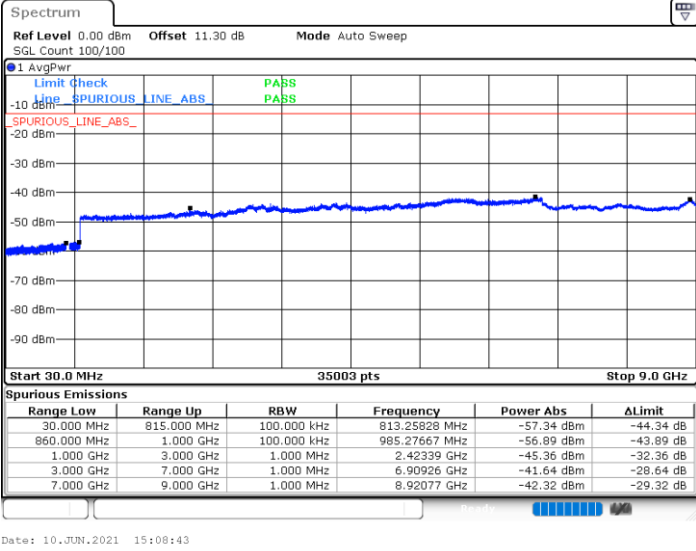
Date: 10 JUN 2021 14:52:17



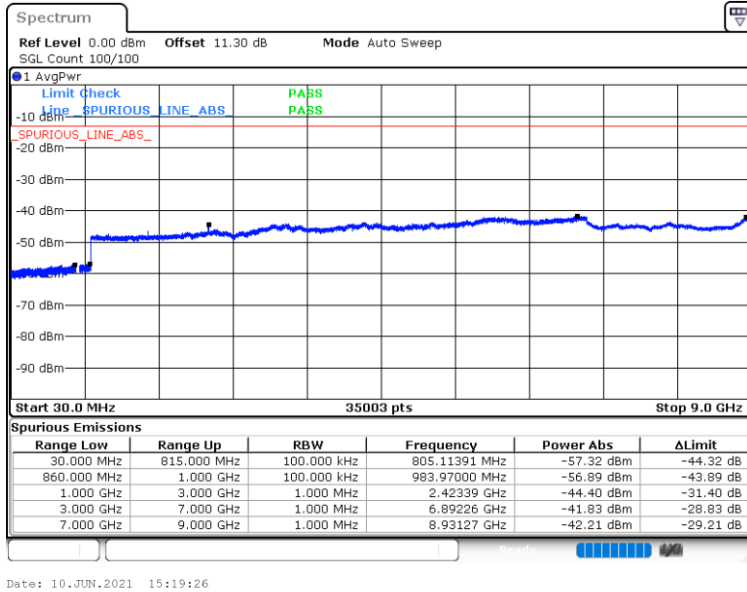
LTE Band 5 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

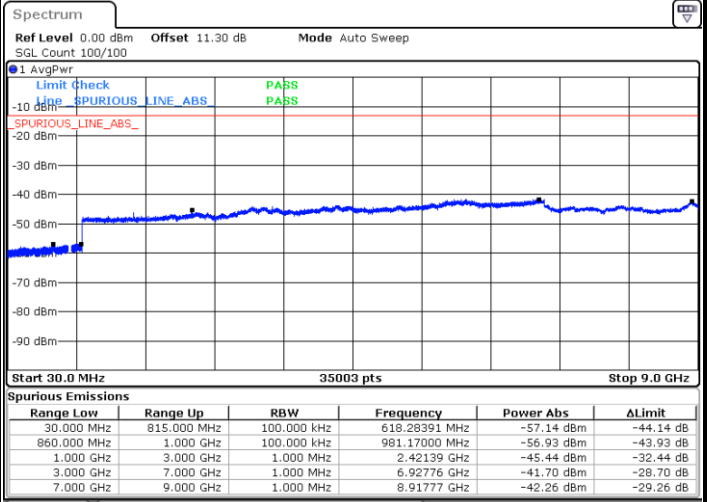
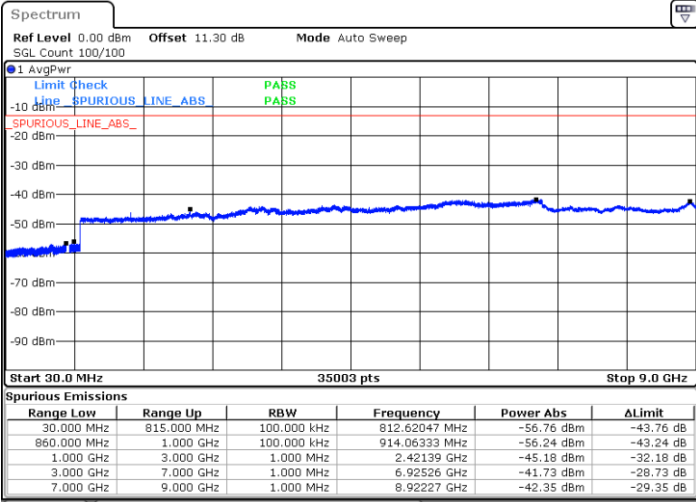




LTE Band 5 / 5MHz

Lowest Channel / QPSK

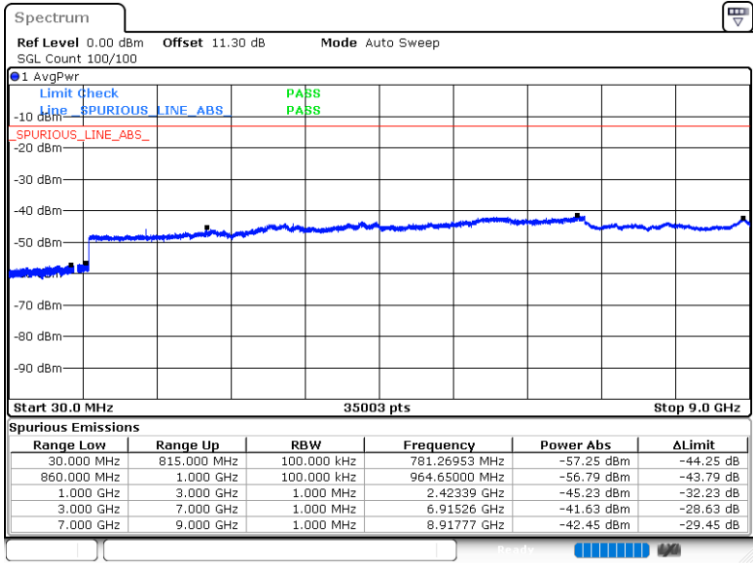
Middle Channel / QPSK



Date: 10.JUN.2021 15:35:51

Date: 10.JUN.2021 15:38:15

Highest Channel / QPSK



Date: 10.JUN.2021 15:46:38

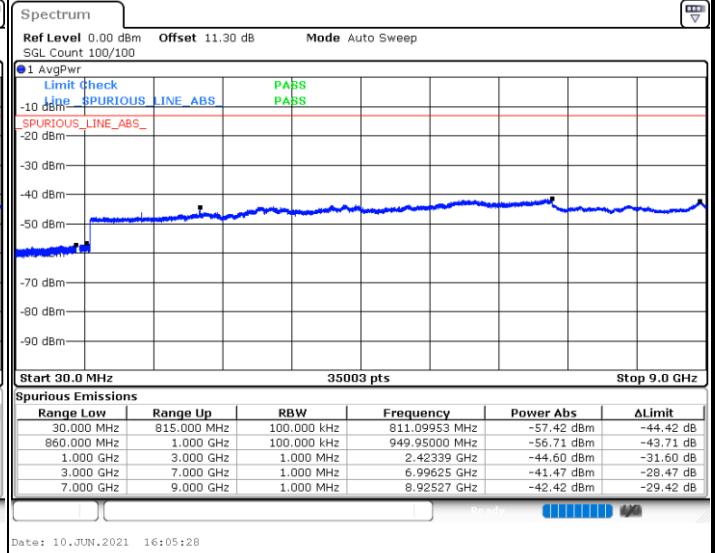
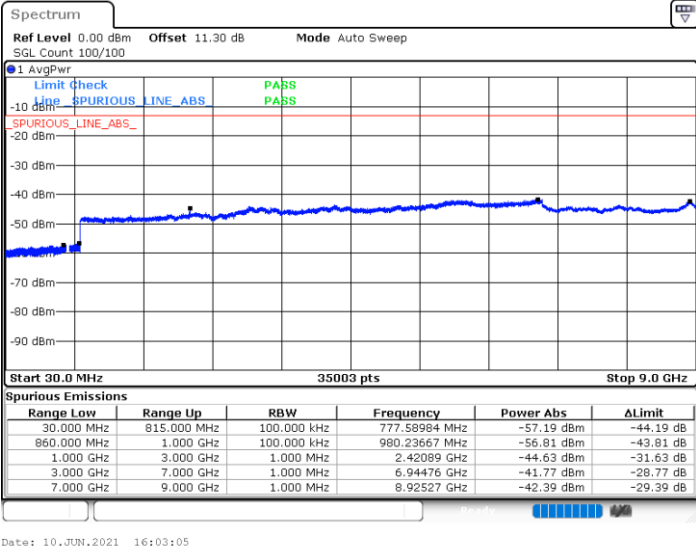




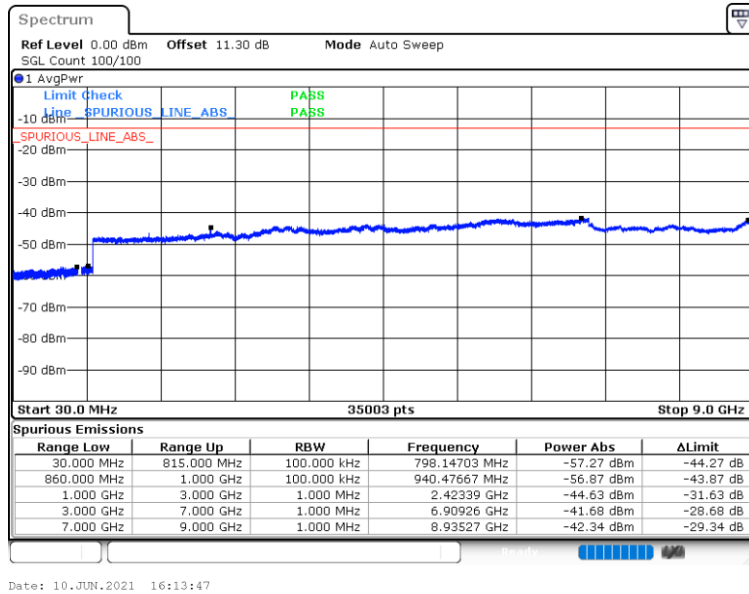
LTE Band 5 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





### Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0045	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

**Note:**

- 1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.
- 3. EUT can't operate outside the temperatures between -20 °C and 40 °C.



# LTE Band 5B

## 26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.18	8.14	14.54
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.72	21.02	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.17	8.14	14.54
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.63	21.02	-

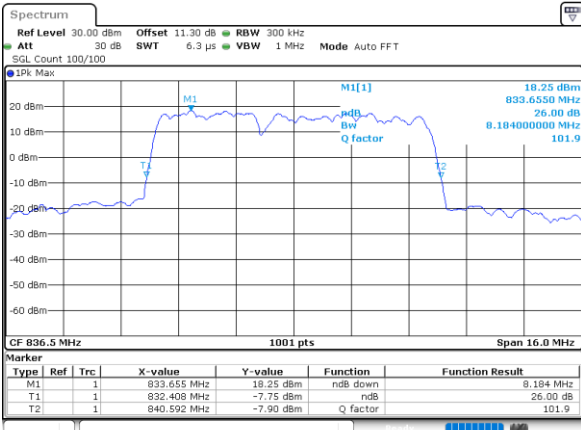
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.09	8.15	14.57
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.60	20.86	-



LTE Band 5B

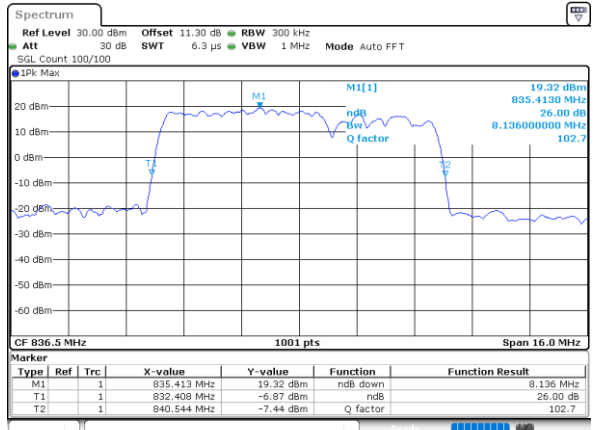
QPSK

Middle Channel / 3MHz+5MHz



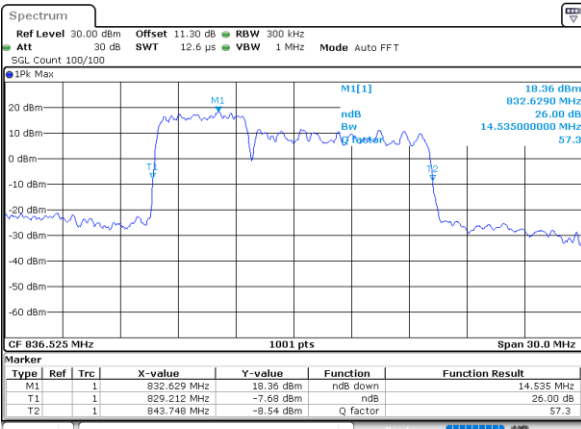
Date: 10 JUN 2021 17:25:07

Middle Channel / 5MHz+3MHz



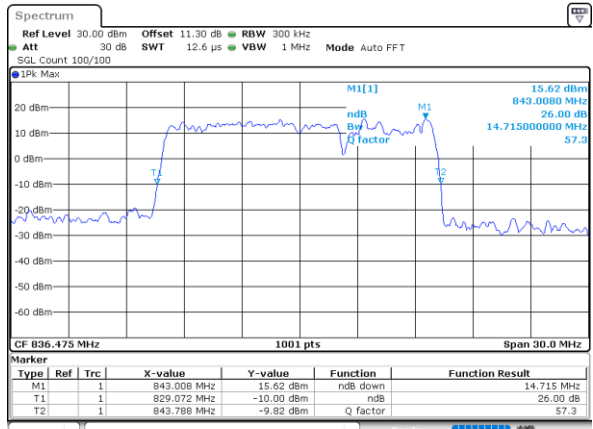
Date: 11 JUN 2021 09:39:12

Middle Channel / 5MHz+10MHz



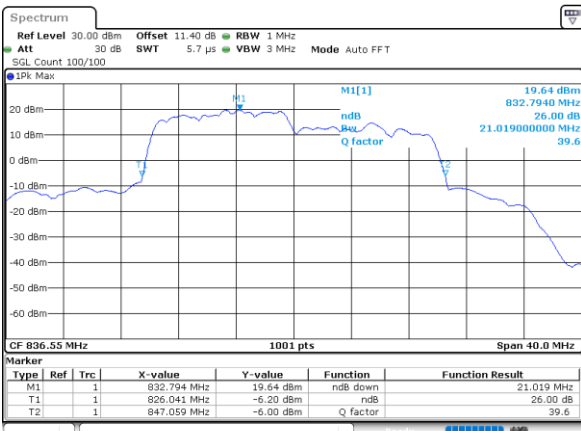
Date: 11 JUN 2021 10:25:38

Middle Channel / 10MHz+5MHz



Date: 11 JUN 2021 11:10:18

Middle Channel / 10MHz+10MHz



Date: 19 AUG 2021 08:59:45

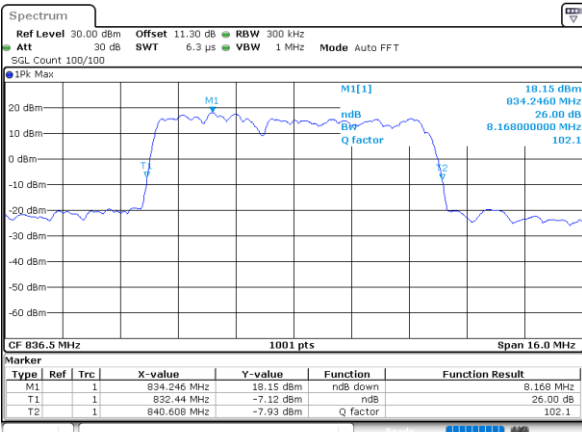
N/A



LTE Band 5B

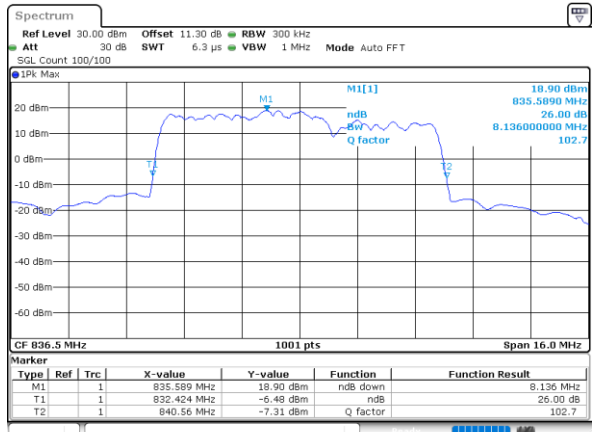
16QAM

Middle Channel / 3MHz+5MHz



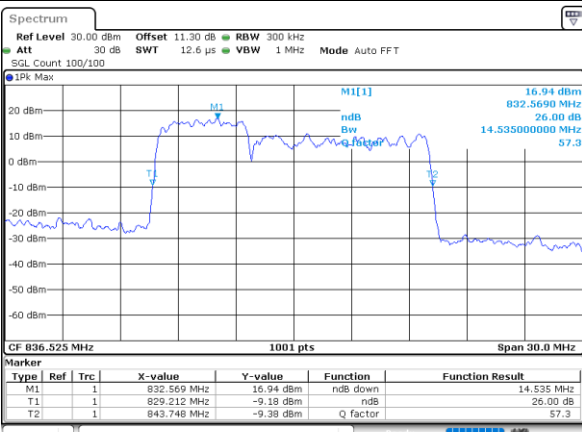
Date: 10 JUN 2021 17:24:39

Middle Channel / 5MHz+3MHz



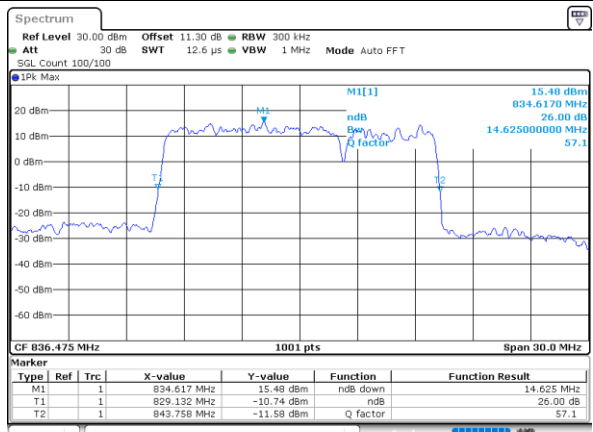
Date: 11 JUN 2021 09:38:44

Middle Channel / 5MHz+10MHz



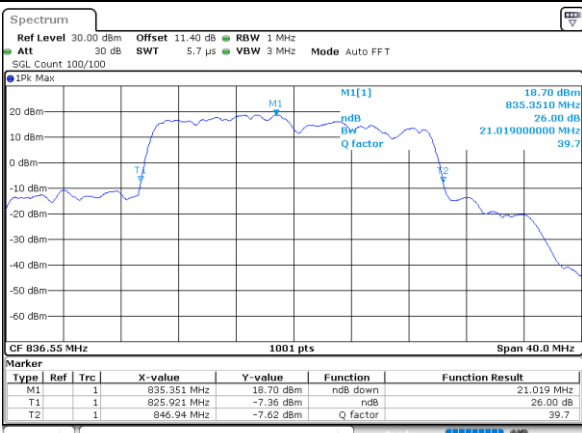
Date: 11 JUN 2021 10:25:10

Middle Channel / 10MHz+5MHz



Date: 11 JUN 2021 11:09:50

Middle Channel / 10MHz+10MHz



Date: 19 AUG 2021 08:59:17

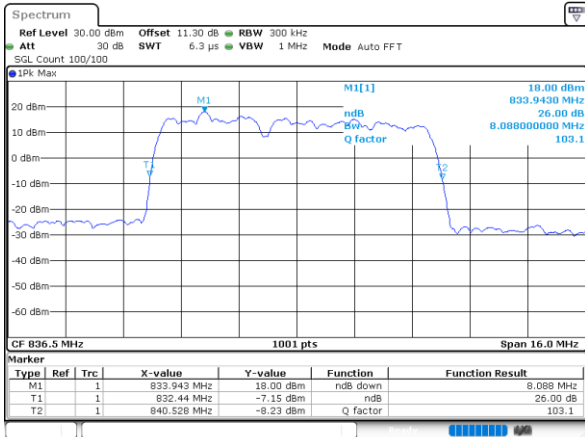
N/A



LTE Band 5B

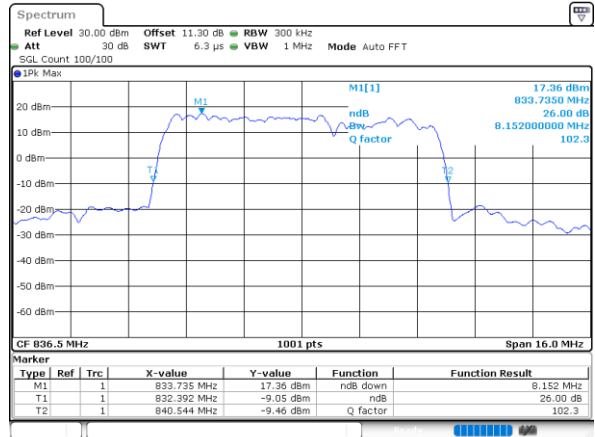
64QAM

Middle Channel / 3MHz+5MHz



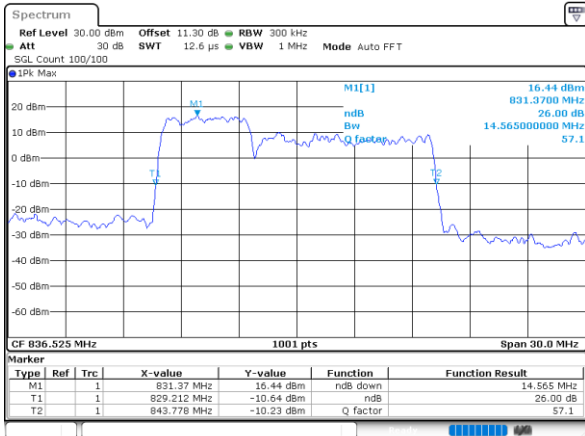
Date: 10 JUN 2021 17:24:11

Middle Channel / 5MHz+3MHz



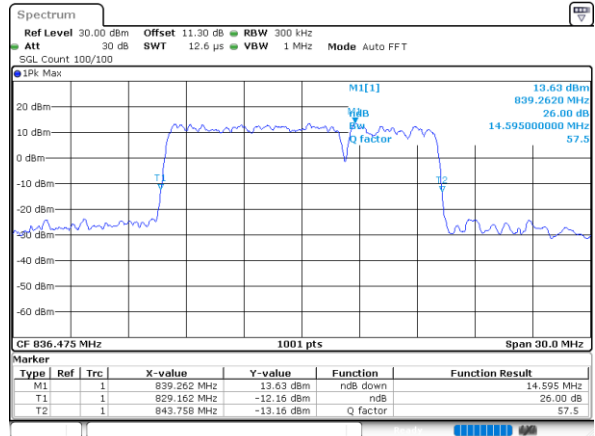
Date: 11 JUN 2021 09:18:16

Middle Channel / 5MHz+10MHz



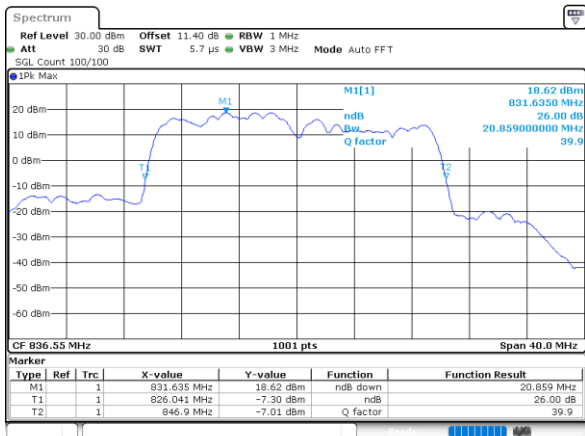
Date: 11 JUN 2021 10:24:42

Middle Channel / 10MHz+5MHz



Date: 11 JUN 2021 11:09:22

Middle Channel / 10MHz+10MHz



Date: 19 AUG 2021 08:58:49

N/A



### Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.51	7.45	13.85
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.85	18.54	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.58	7.58	13.70
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.85	18.70	-

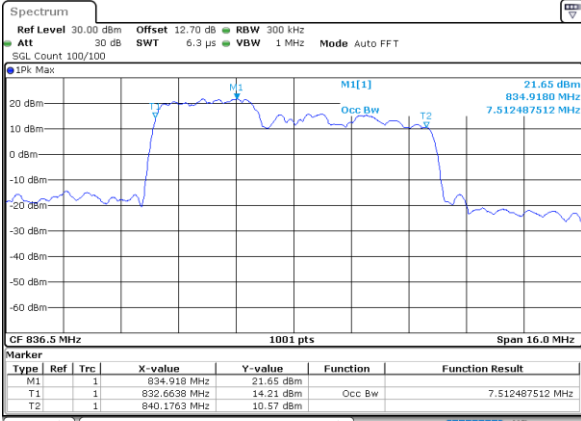
Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.54	7.54	13.76
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.58	-



LTE Band 5B

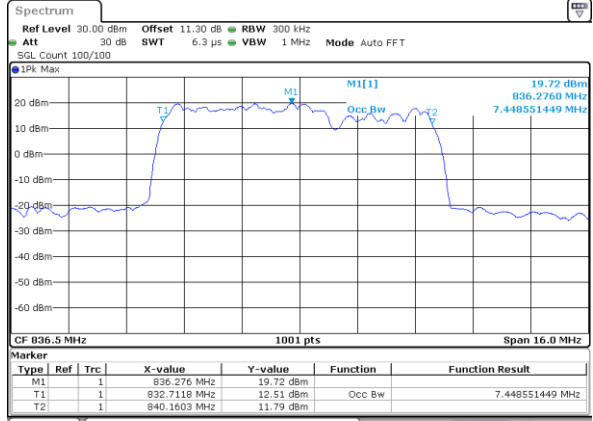
QPSK

Middle Channel / 3MHz+5MHz



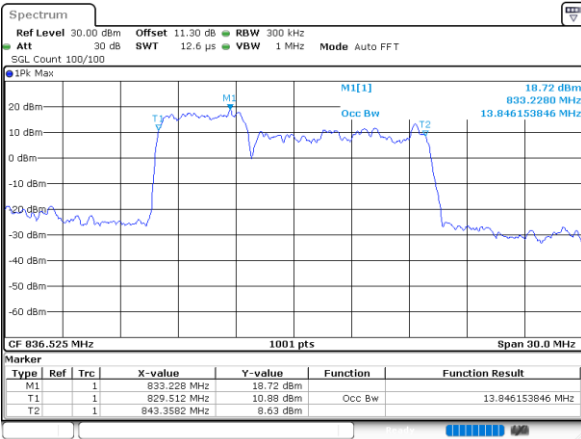
Date: 25 JUN 2021 15:40:27

Middle Channel / 5MHz+3MHz



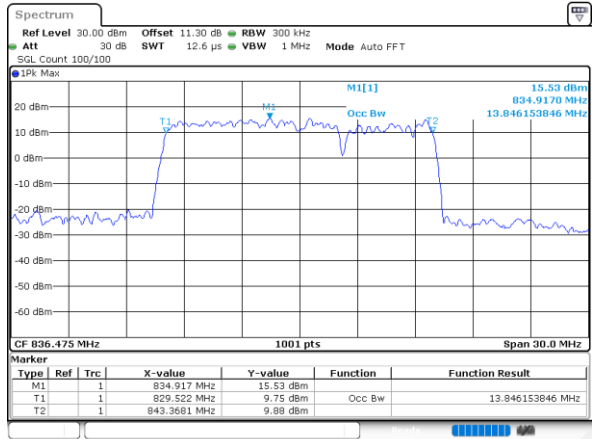
Date: 11 JUN 2021 09:16:48

Middle Channel / 5MHz+10MHz



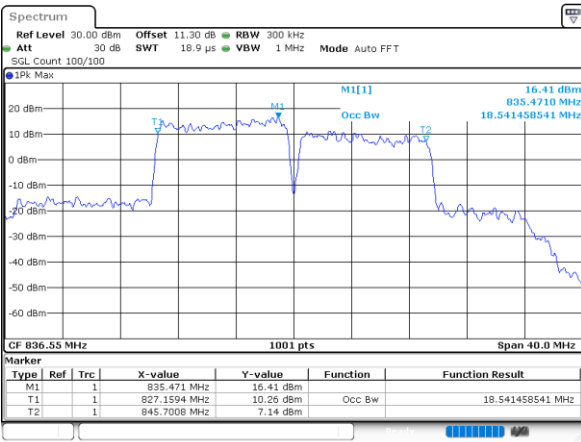
Date: 11 JUN 2021 10:23:14

Middle Channel / 10MHz+5MHz



Date: 11 JUN 2021 11:07:54

Middle Channel / 10MHz+10MHz



Date: 11 JUN 2021 13:47:12

N/A

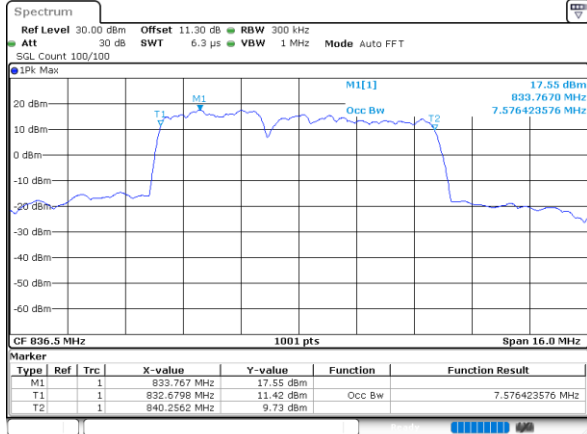




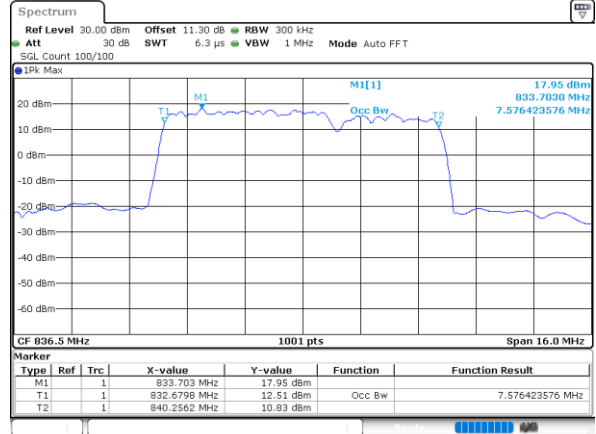
LTE Band 5B

16QAM

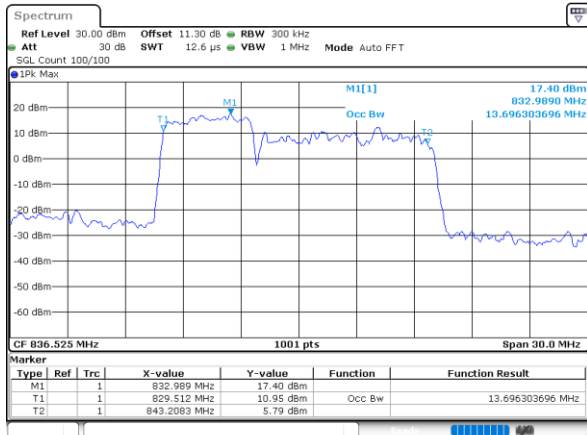
Middle Channel / 3MHz+5MHz



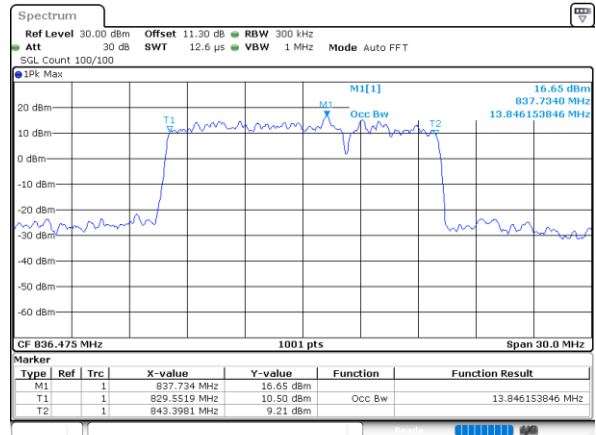
Middle Channel / 5MHz+3MHz



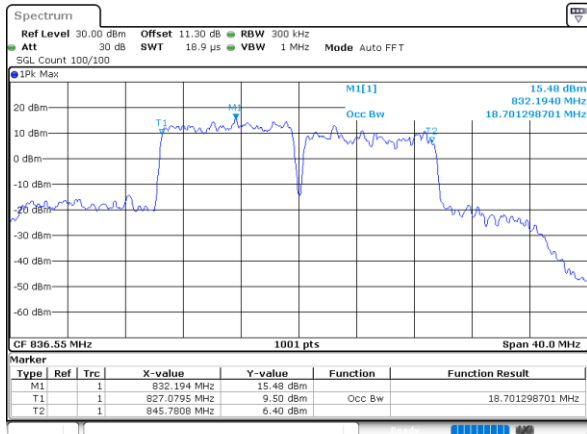
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



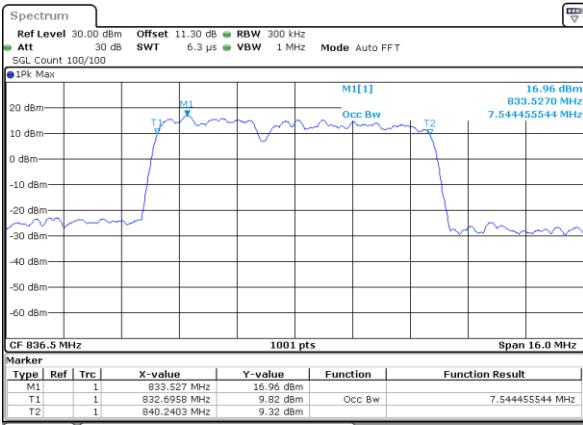
N/A



LTE Band 5B

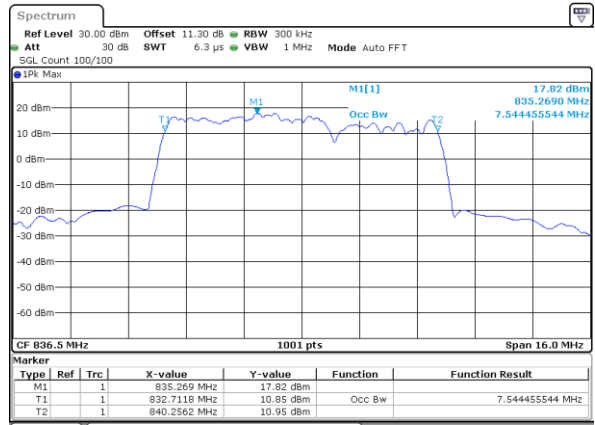
64QAM

Middle Channel / 3MHz+5MHz



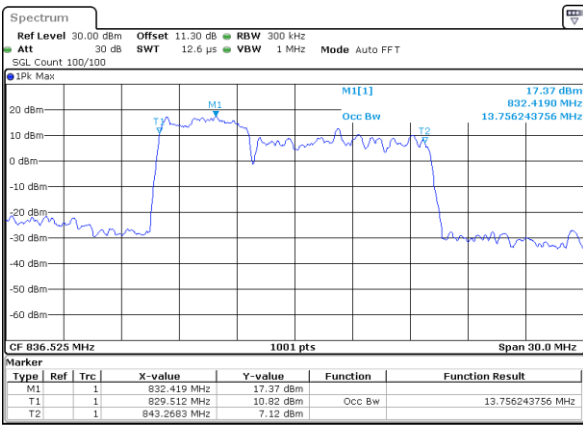
Date: 10 JUN 2021 17:23:42

Middle Channel / 5MHz+3MHz



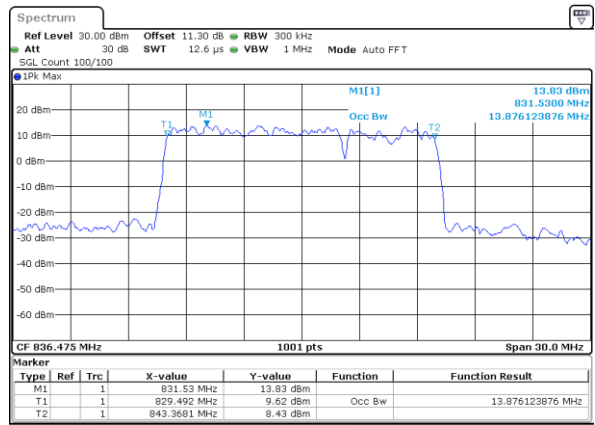
Date: 11 JUN 2021 09:37:47

Middle Channel / 5MHz+10MHz



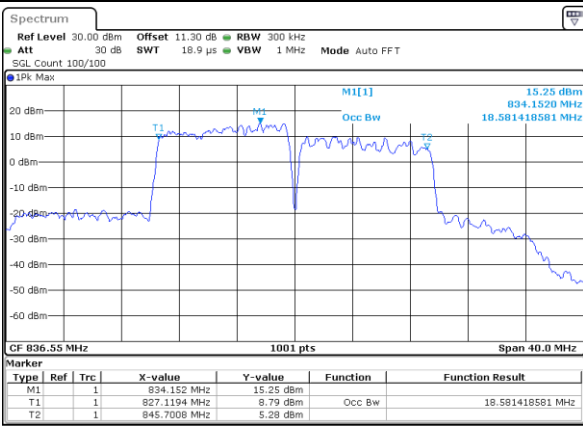
Date: 11 JUN 2021 10:24:13

Middle Channel / 10MHz+5MHz



Date: 11 JUN 2021 11:08:54

Middle Channel / 10MHz+10MHz



Date: 11 JUN 2021 13:48:12

N/A

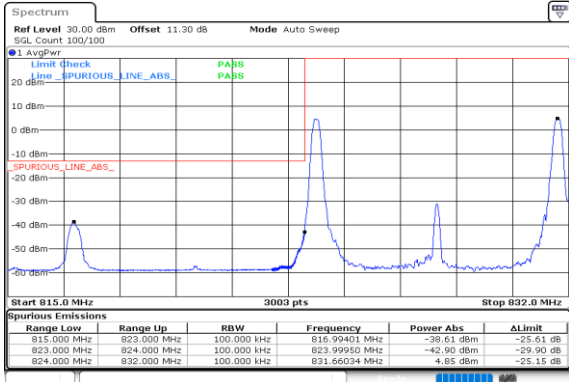


# Conducted Band Edge

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

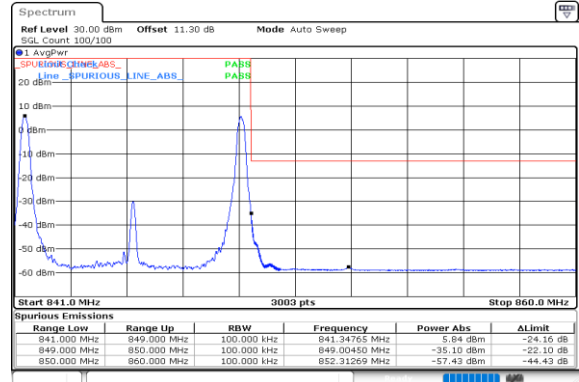
### QPSK

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



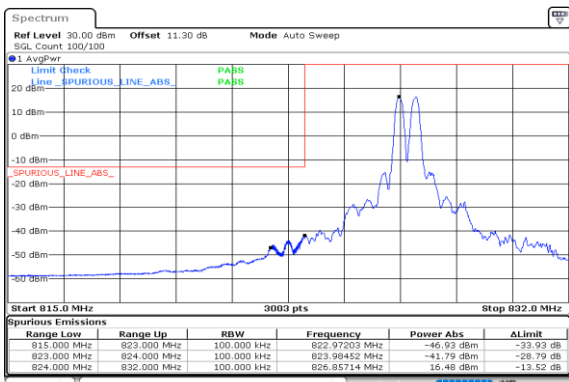
Date: 10 JUN 2021 17:06:16

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



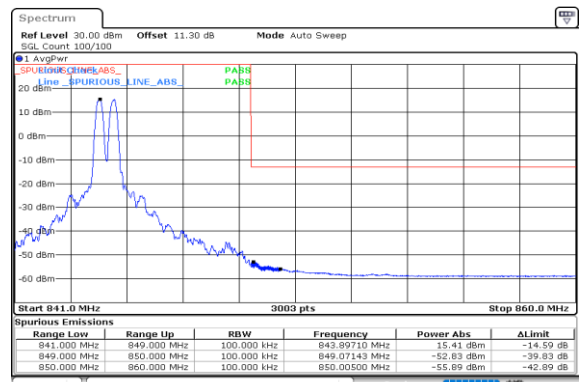
Date: 10 JUN 2021 16:40:02

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



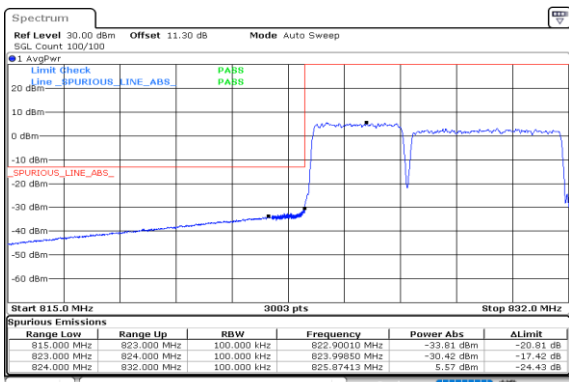
Date: 10 JUN 2021 17:10:05

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



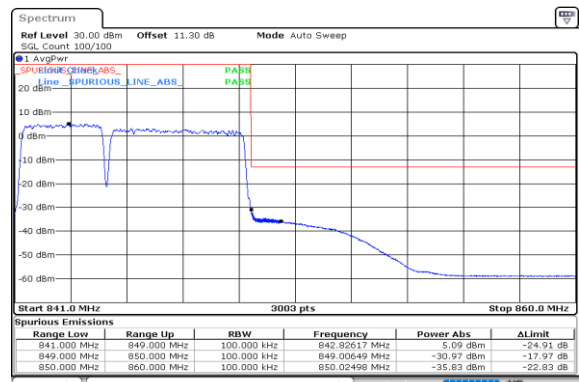
Date: 10 JUN 2021 16:49:50

#### Lowest Band Edge / Full RB



Date: 10 JUN 2021 16:56:25

#### Highest Band Edge / Full RB



Date: 10 JUN 2021 16:38:03

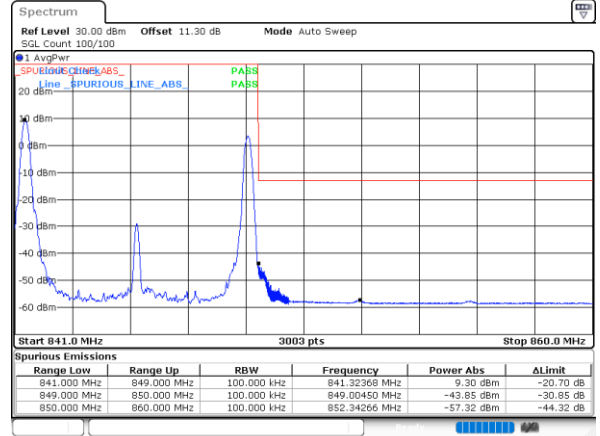
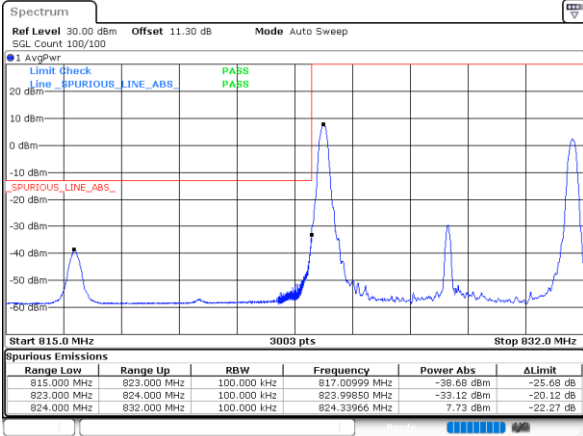


LTE Band 5B / 5MHz+3MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

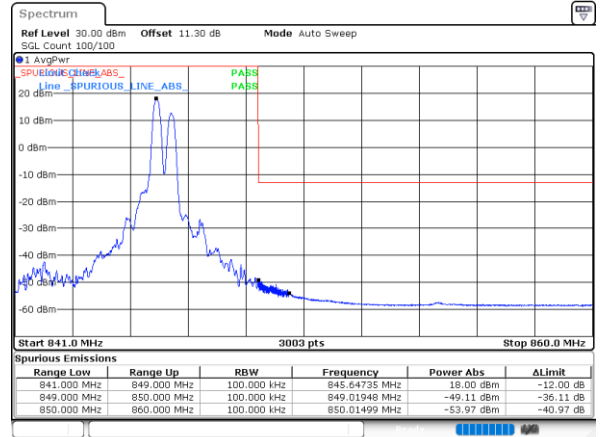
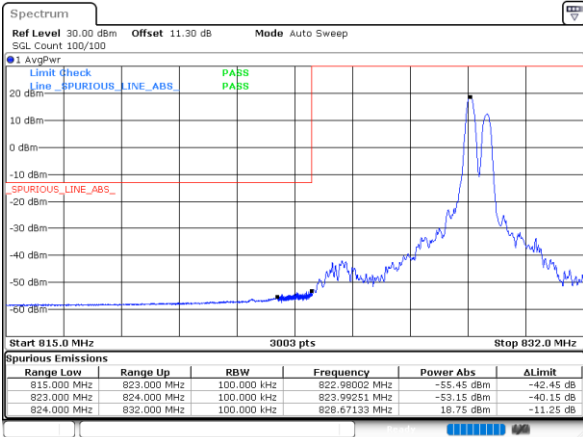


Date: 11 JUN 2021 09:28:17

Date: 11 JUN 2021 09:02:49

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

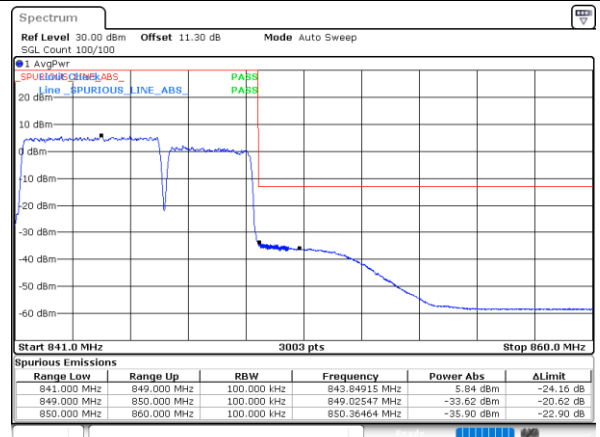
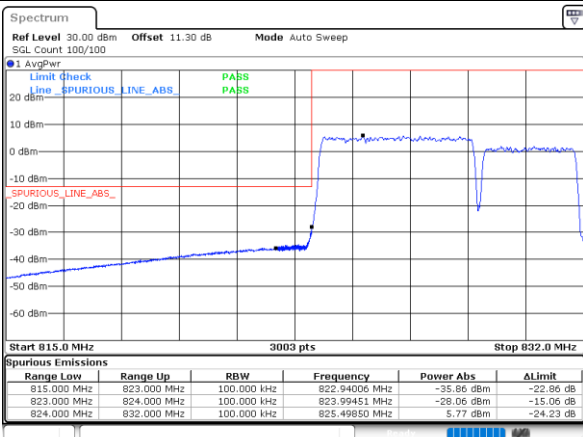


Date: 11 JUN 2021 09:10:15

Date: 11 JUN 2021 09:12:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 JUN 2021 09:18:27

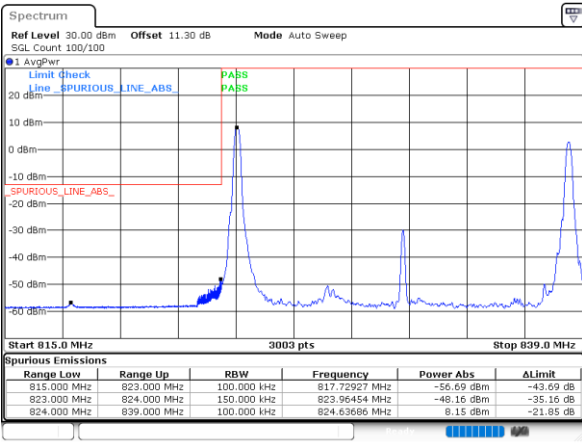
Date: 11 JUN 2021 09:00:49



LTE Band 5B / 5MHz+10MHz

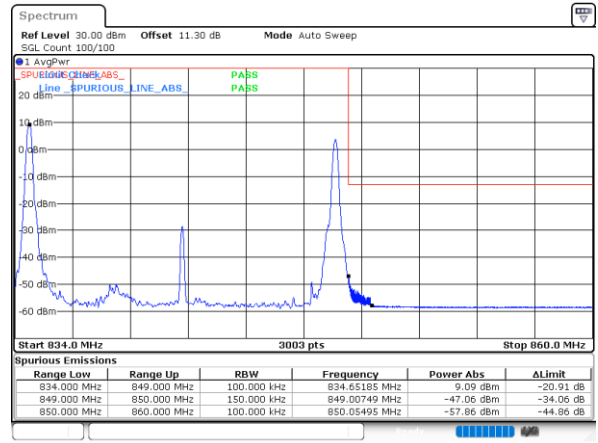
QPSK

Lowest Band Edge / 1RB0 and 1RB49



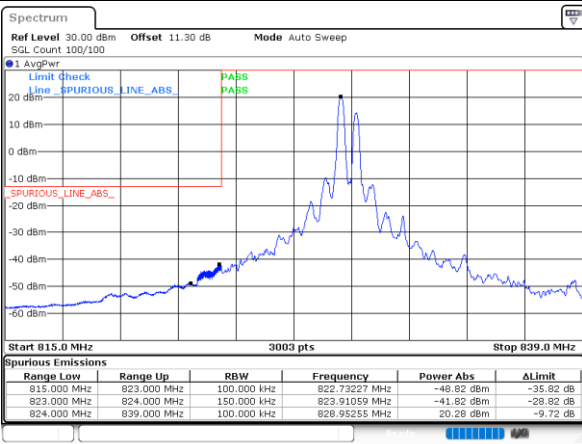
Date: 11 JUN 2021 10:14:03

Highest Band Edge / 1RB0 and 1RB49



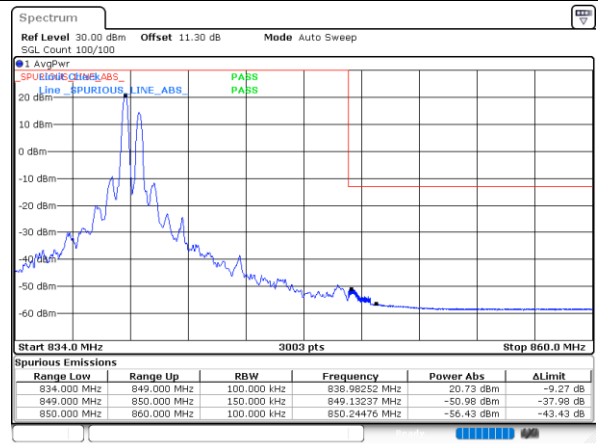
Date: 11 JUN 2021 09:50:19

Lowest Band Edge / 1RB24 and 1RB0



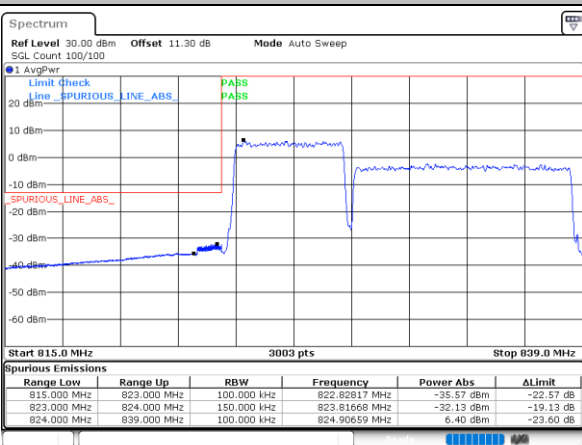
Date: 11 JUN 2021 10:16:01

Highest Band Edge / 1RB24 and 1RB0



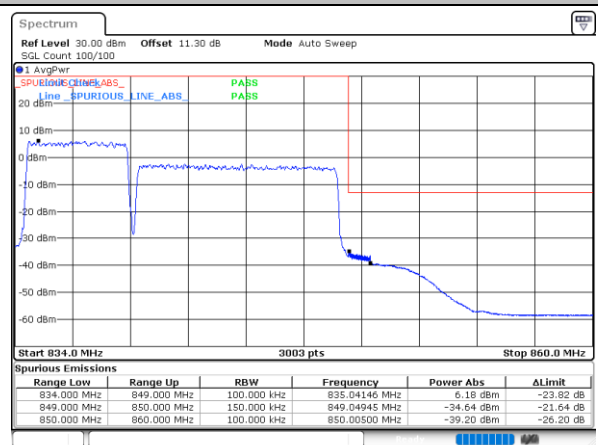
Date: 11 JUN 2021 10:00:06

Lowest Band Edge / Full RB



Date: 11 JUN 2021 10:04:11

Highest Band Edge / Full RB



Date: 11 JUN 2021 09:48:21

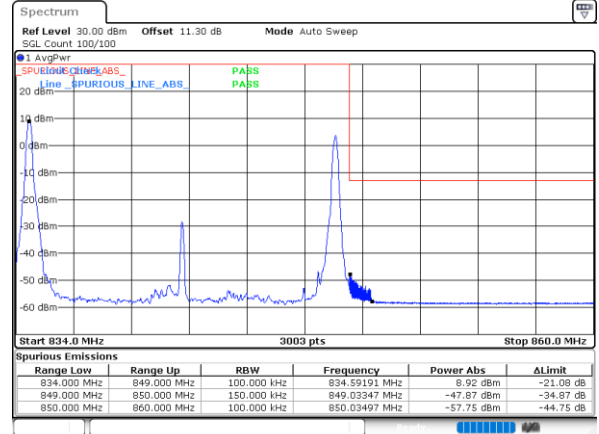
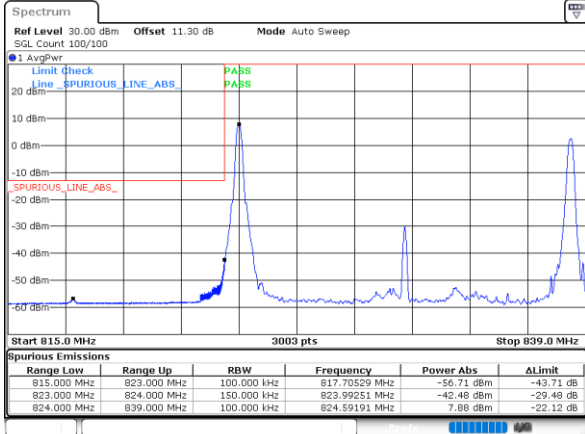


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

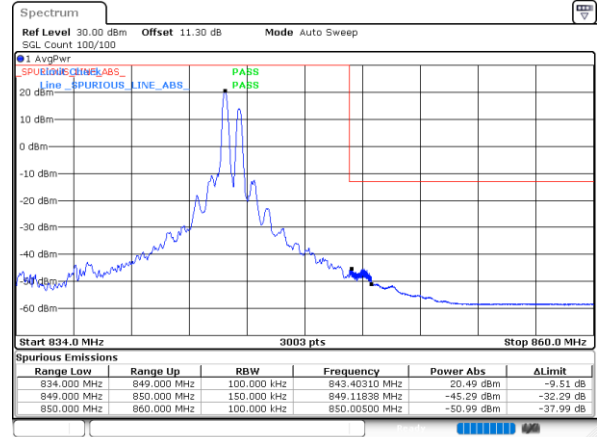
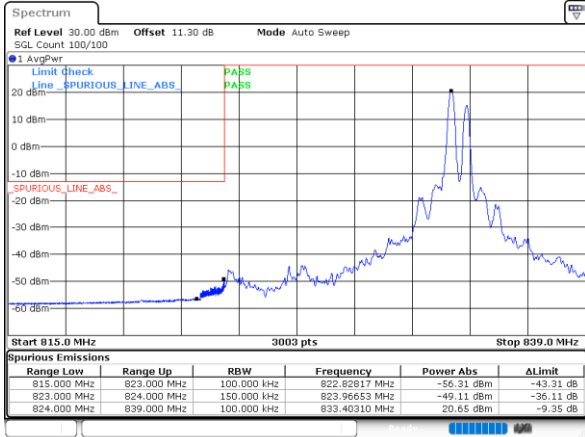


Date: 11 JUN 2021 10:59:22

Date: 11 JUN 2021 10:35:38

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

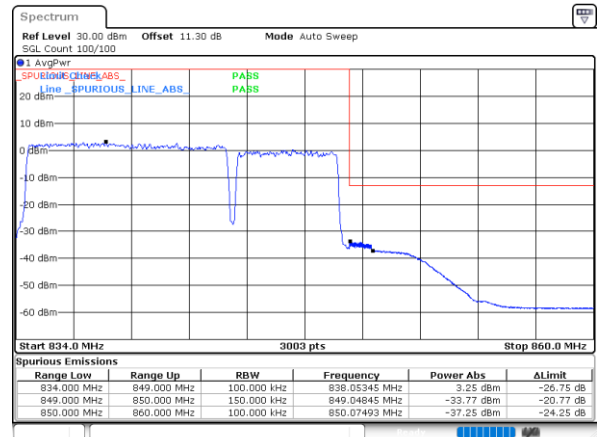
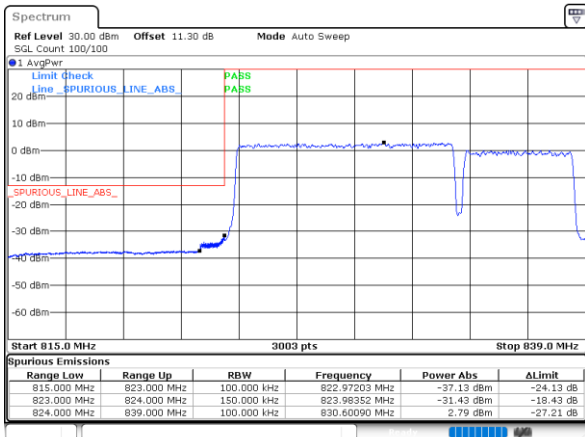


Date: 11 JUN 2021 11:01:21

Date: 11 JUN 2021 10:45:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 JUN 2021 10:49:32

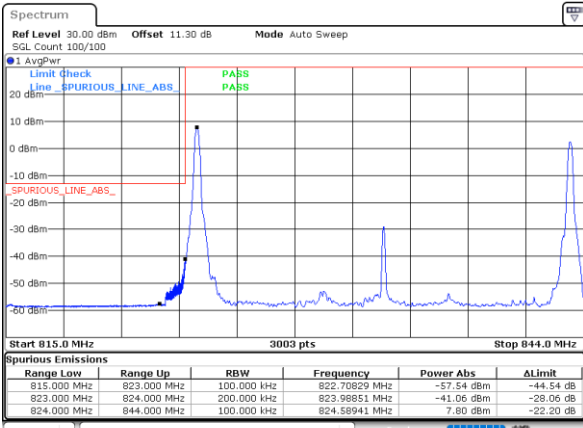
Date: 11 JUN 2021 10:33:40



LTE Band 5B / 10MHz+10MHz

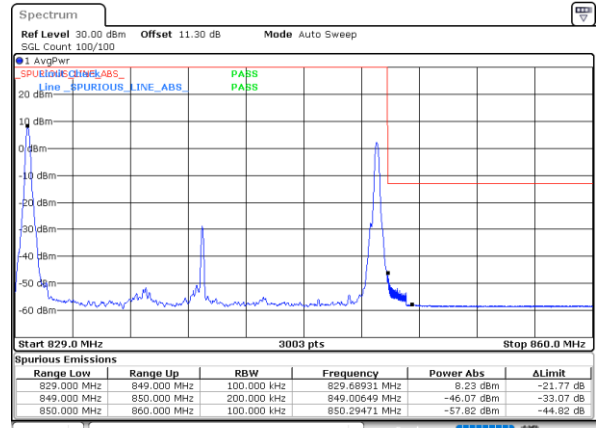
QPSK

Lowest Band Edge / 1RB0 and 1RB49



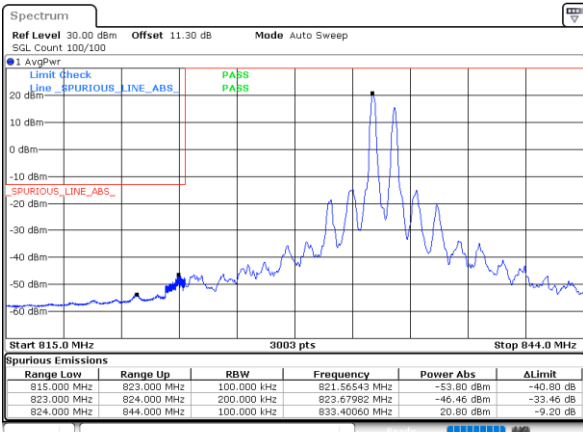
Date: 11 JUN 2021 11:44:02

Highest Band Edge / 1RB0 and 1RB49



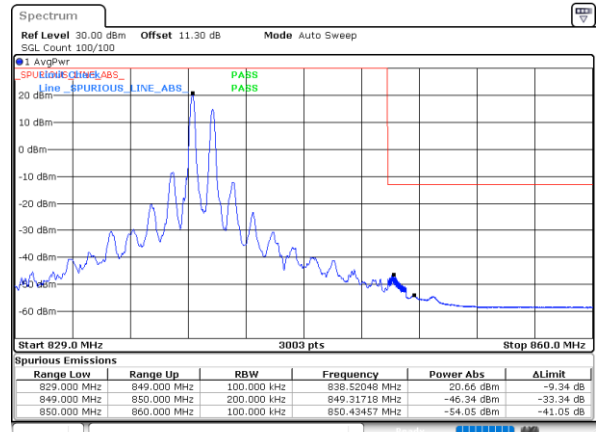
Date: 11 JUN 2021 11:20:17

Lowest Band Edge / 1RB49 and 1RB0



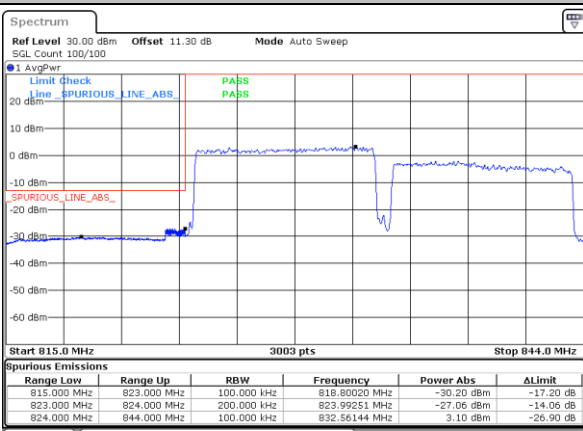
Date: 11 JUN 2021 11:45:59

Highest Band Edge / 1RB49 and 1RB0



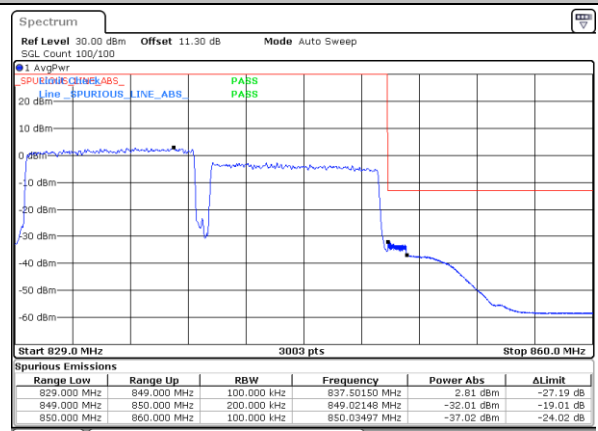
Date: 11 JUN 2021 11:30:06

Lowest Band Edge / Full RB



Date: 11 JUN 2021 11:34:12

Highest Band Edge / Full RB



Date: 11 JUN 2021 11:18:19

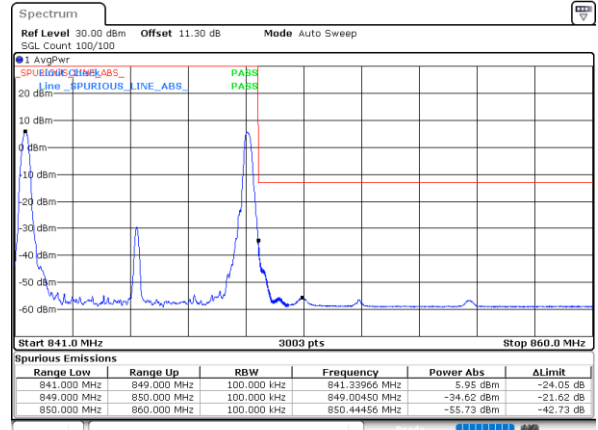
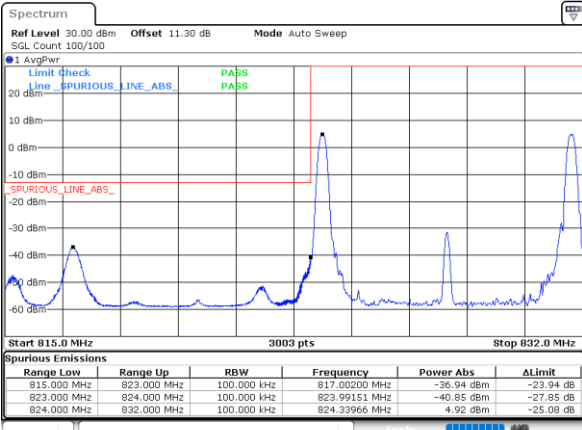


LTE Band 5B / 3MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

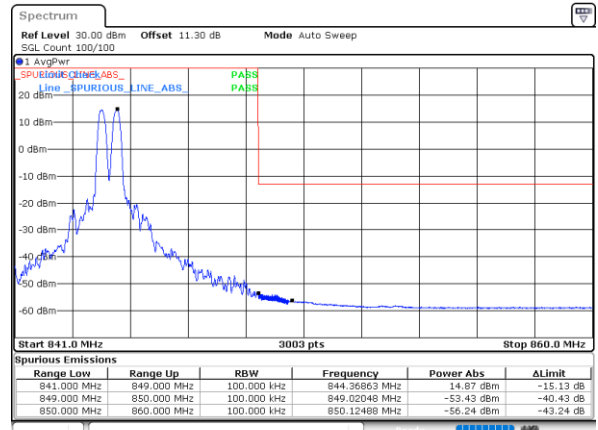
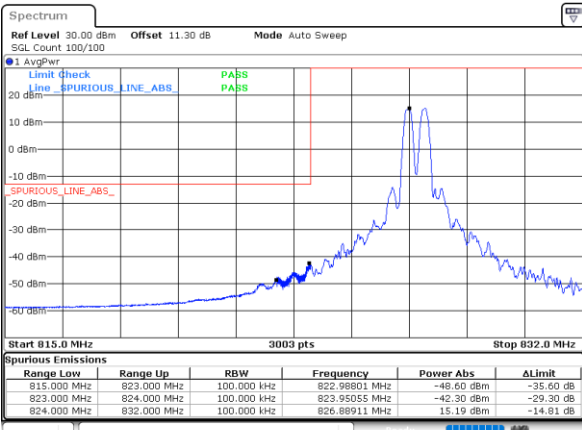


Date: 10\_JUN.2021 17:04:18

Date: 10\_JUN.2021 16:41:59

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

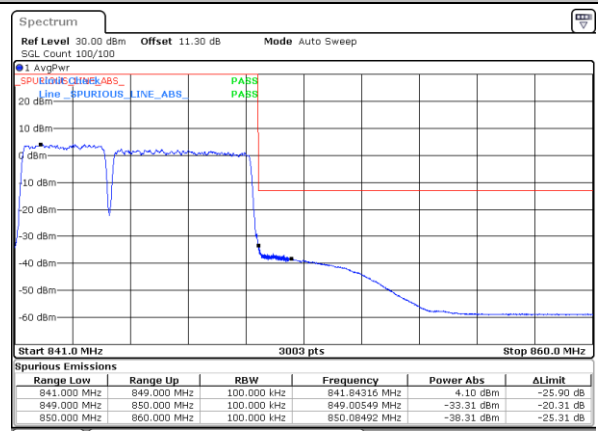
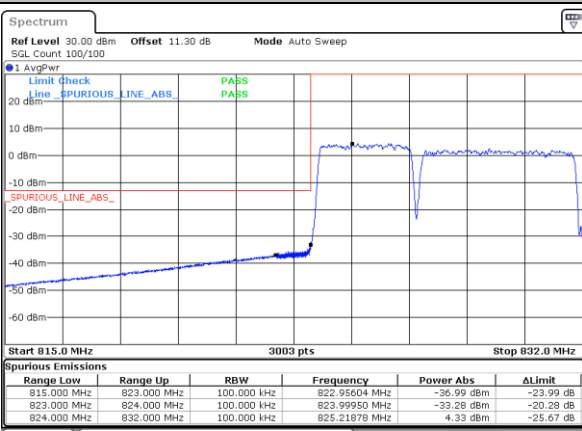


Date: 10\_JUN.2021 17:13:54

Date: 10\_JUN.2021 16:47:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10\_JUN.2021 16:58:23

Date: 10\_JUN.2021 16:36:06

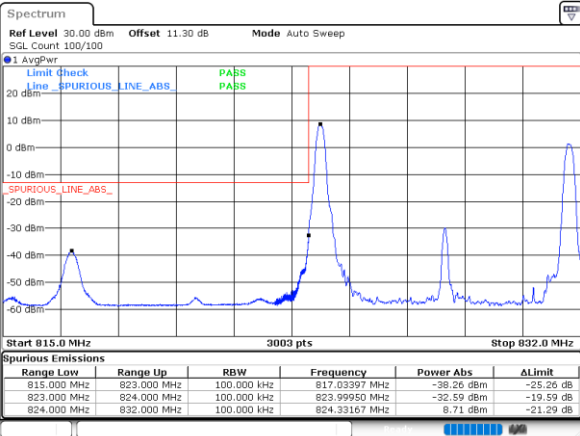




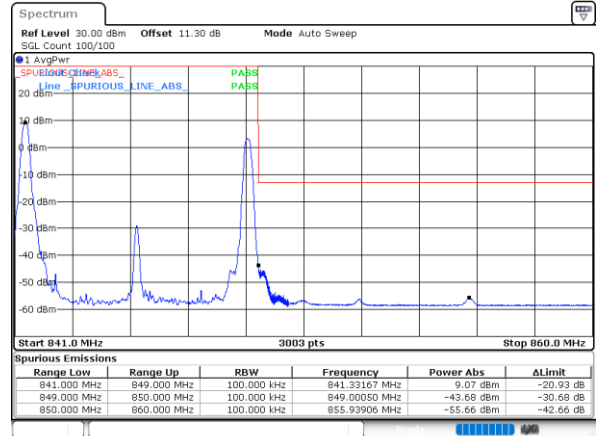
LTE Band 5B / 5MHz+3MHz

16QAM

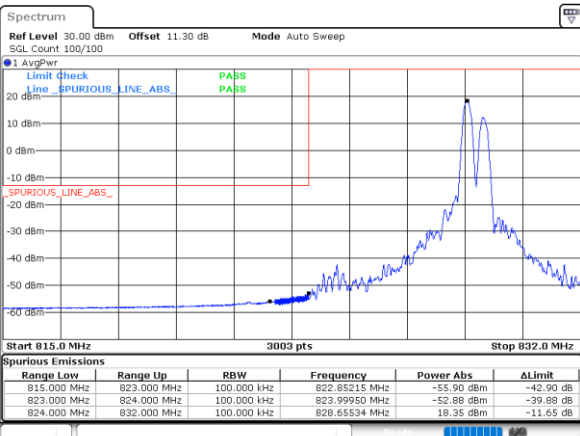
Lowest Band Edge / 1RB0 and 1RB14



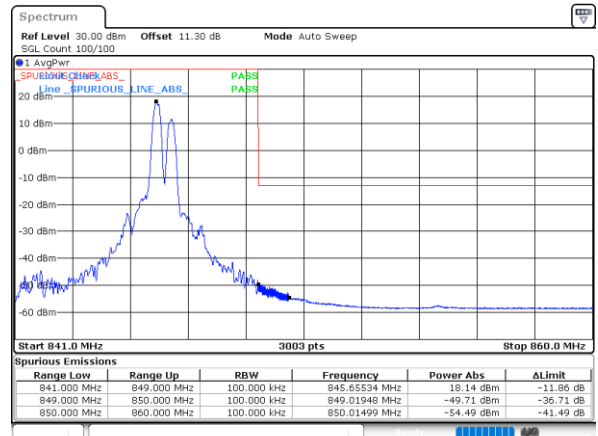
Highest Band Edge / 1RB0 and 1RB14



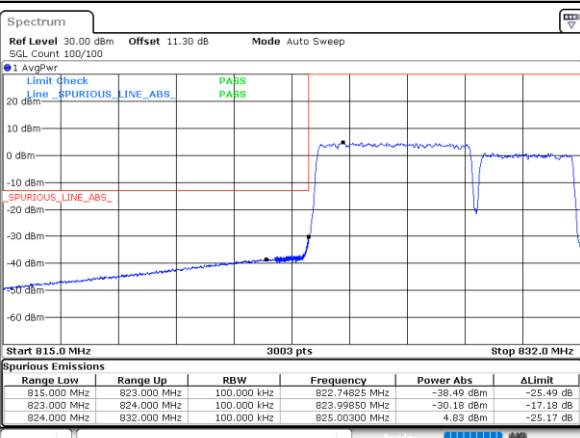
Lowest Band Edge / 1RB24 and 1RB0



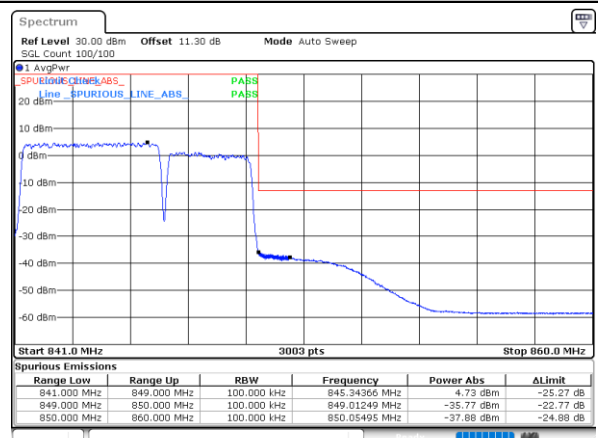
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



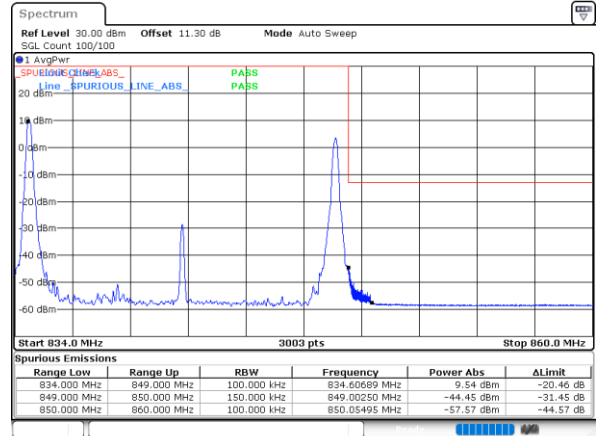
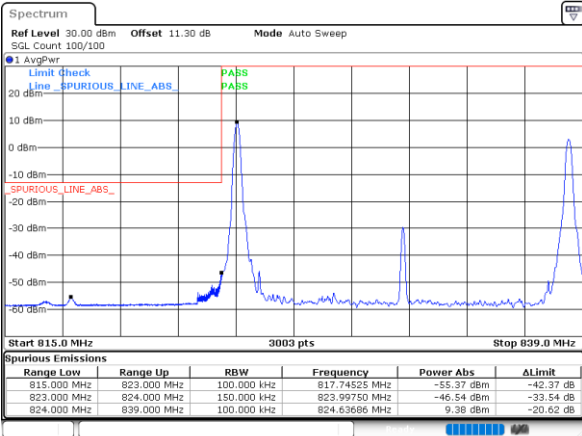


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

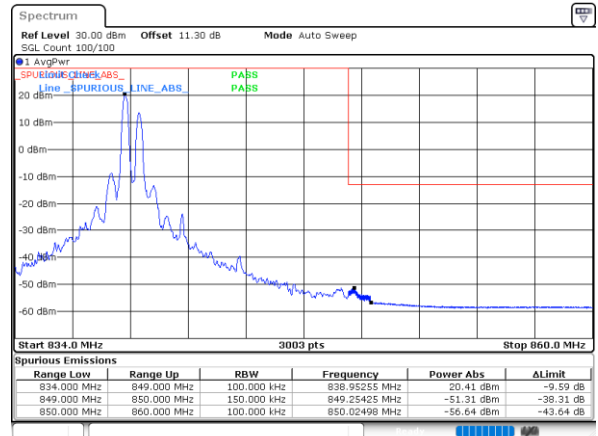
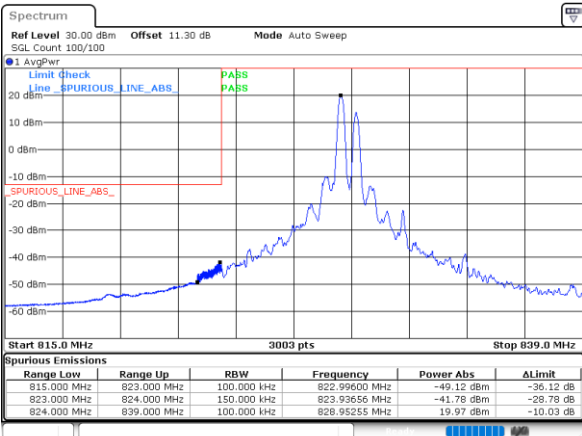


Date: 11 JUN 2021 10:12:05

Date: 11 JUN 2021 09:52:17

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

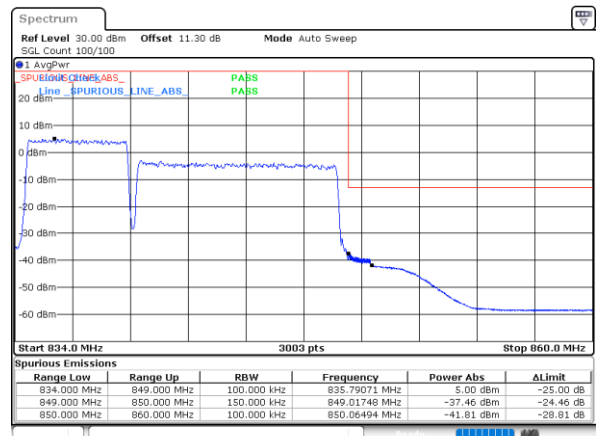
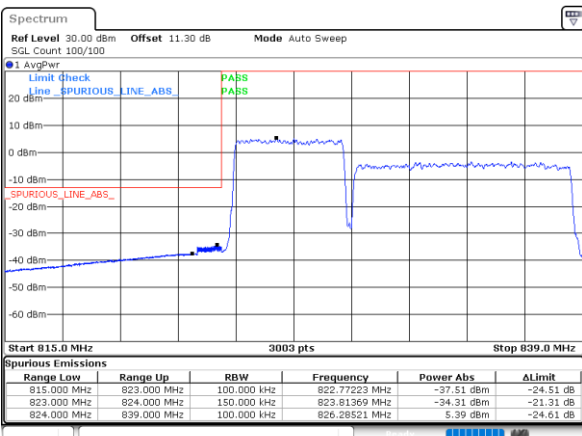


Date: 11 JUN 2021 10:17:59

Date: 11 JUN 2021 09:58:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 JUN 2021 10:06:09

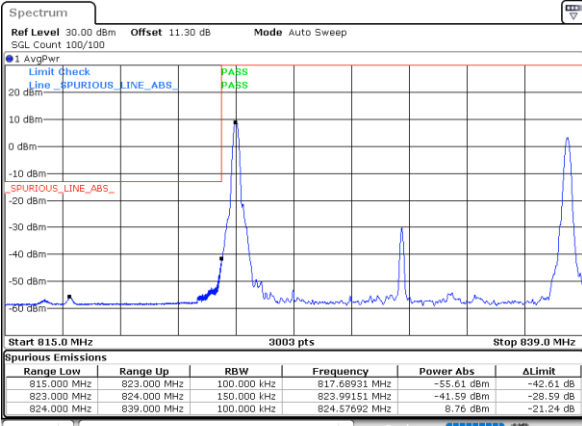
Date: 11 JUN 2021 09:46:23



LTE Band 5B / 10MHz+5MHz

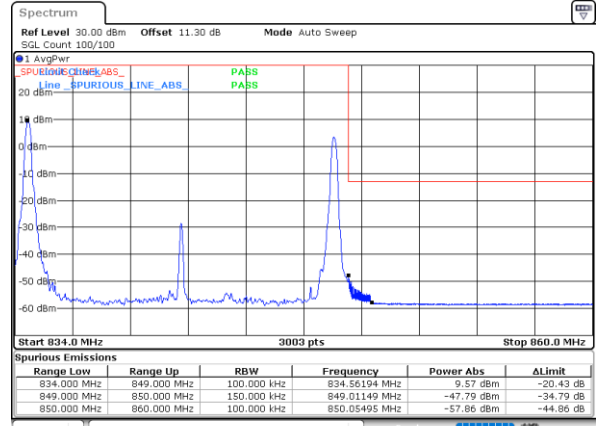
16QAM

Lowest Band Edge / 1RB0 and 1RB24



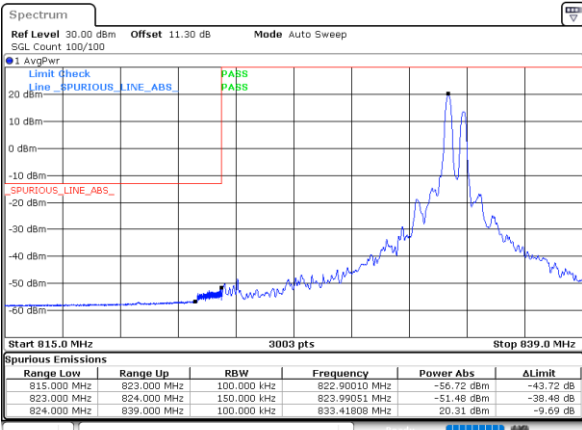
Date: 11 JUN 2021 10:57:25

Highest Band Edge / 1RB0 and 1RB24



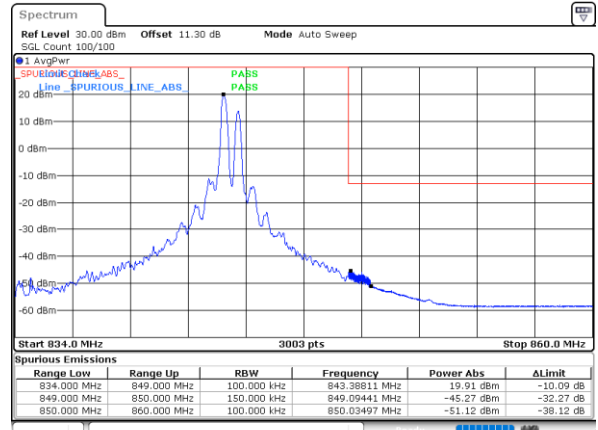
Date: 11 JUN 2021 10:37:35

Lowest Band Edge / 1RB49 and 1RB0



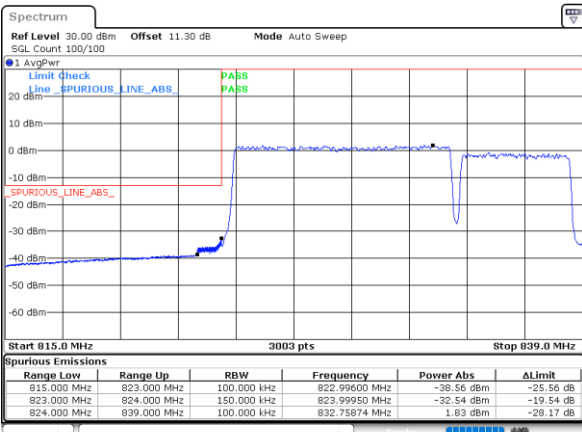
Date: 11 JUN 2021 11:03:19

Highest Band Edge / 1RB49 and 1RB0



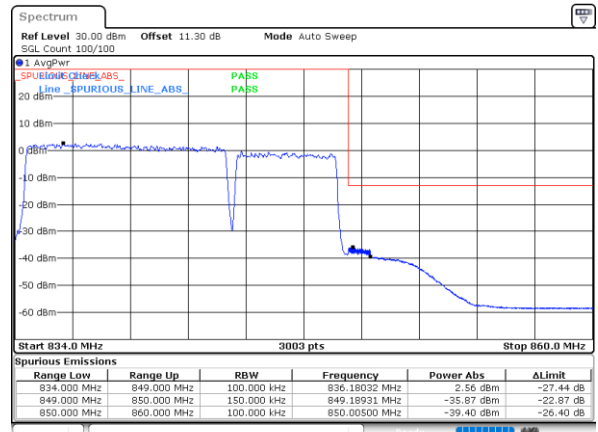
Date: 11 JUN 2021 10:43:28

Lowest Band Edge / Full RB



Date: 11 JUN 2021 10:51:30

Highest Band Edge / Full RB



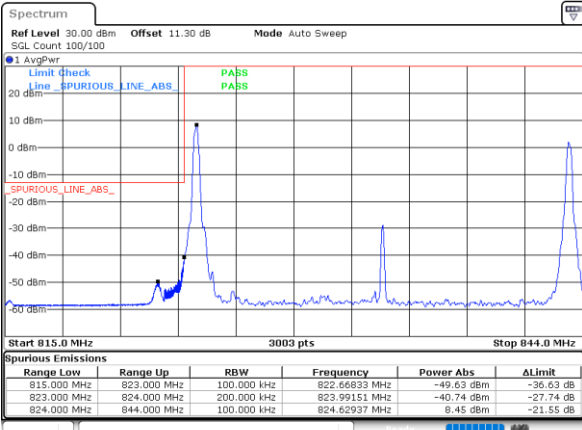
Date: 11 JUN 2021 10:31:41



LTE Band 5B / 10MHz+10MHz

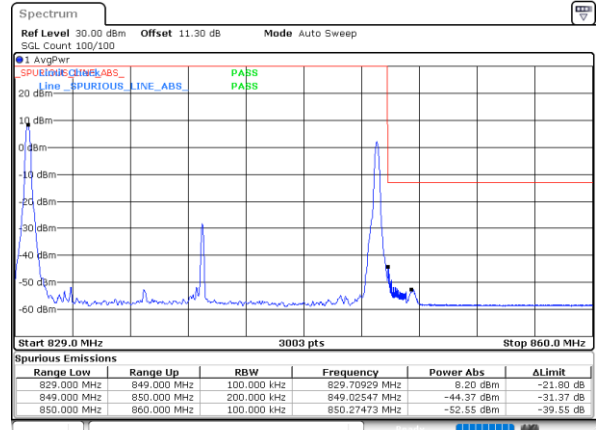
16QAM

Lowest Band Edge / 1RB0 and 1RB49



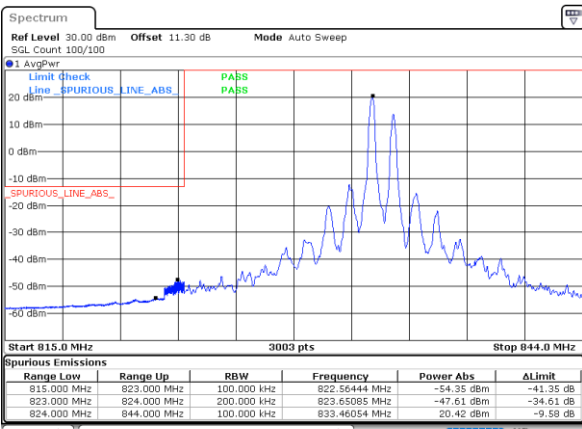
Date: 11 JUN 2021 11:42:04

Highest Band Edge / 1RB0 and 1RB49



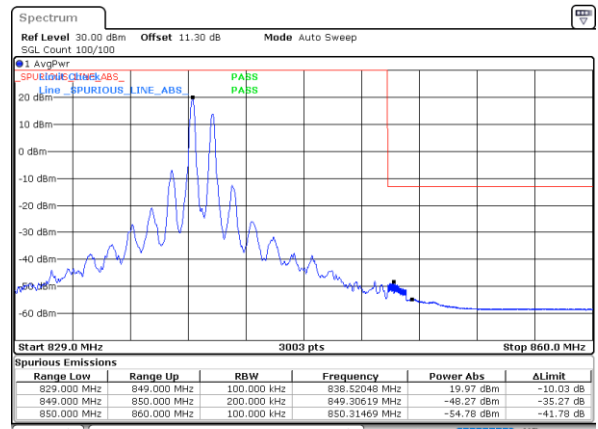
Date: 11 JUN 2021 11:22:16

Lowest Band Edge / 1RB49 and 1RB0



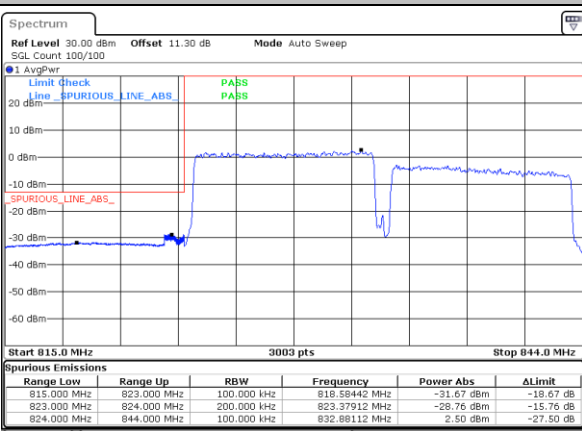
Date: 11 JUN 2021 11:47:57

Highest Band Edge / 1RB49 and 1RB0



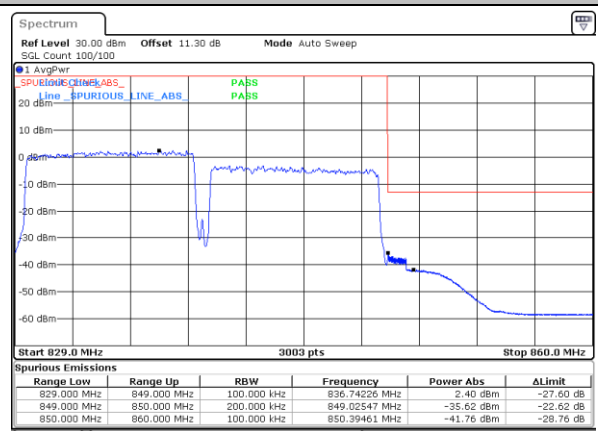
Date: 11 JUN 2021 11:28:09

Lowest Band Edge / Full RB



Date: 11 JUN 2021 11:36:10

Highest Band Edge / Full RB



Date: 11 JUN 2021 11:16:20