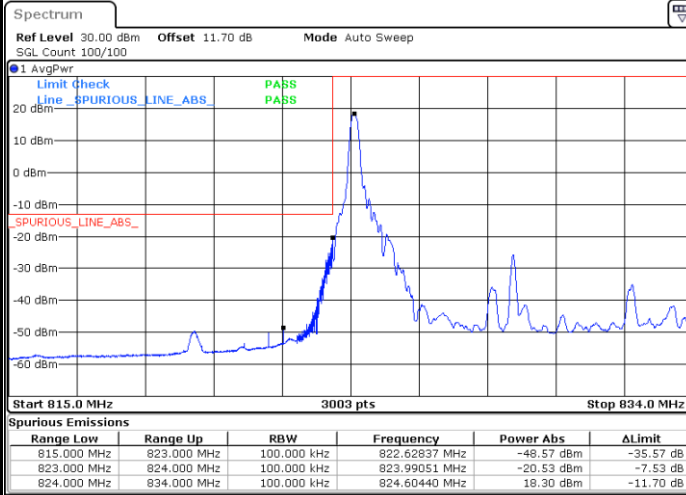


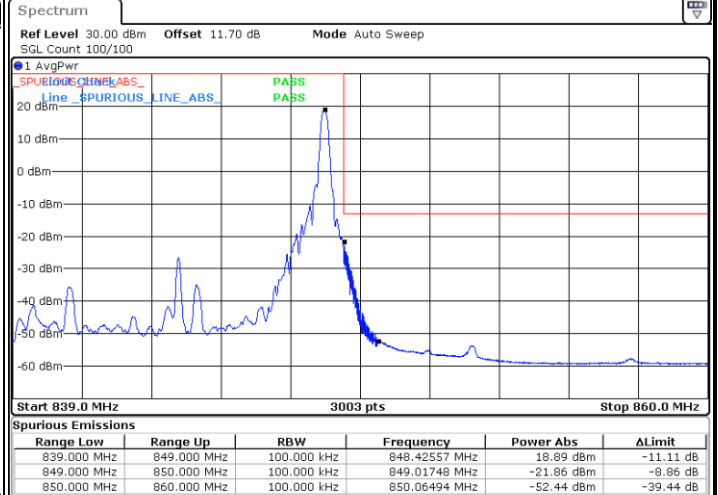


LTE Band 5 / 10MHz / 64QAM

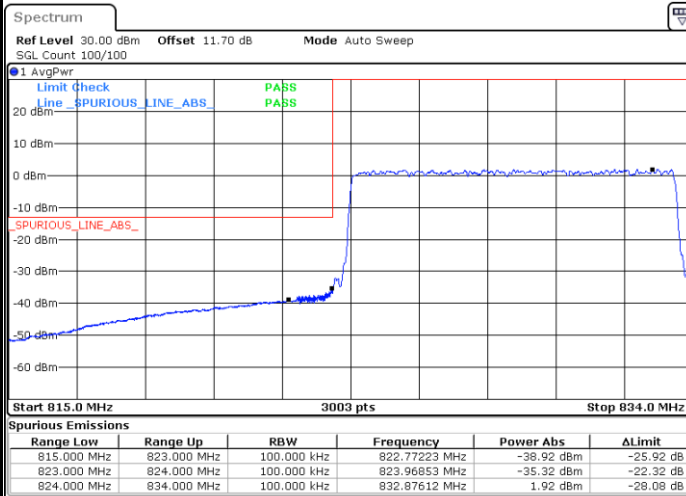
Lowest Band Edge / 1 RB



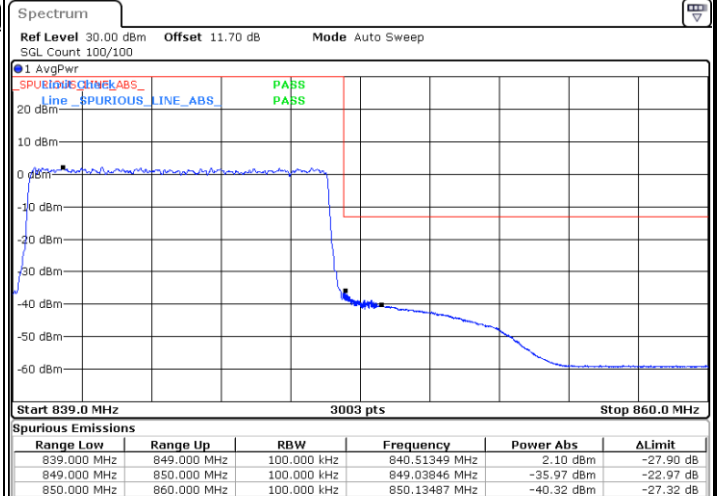
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



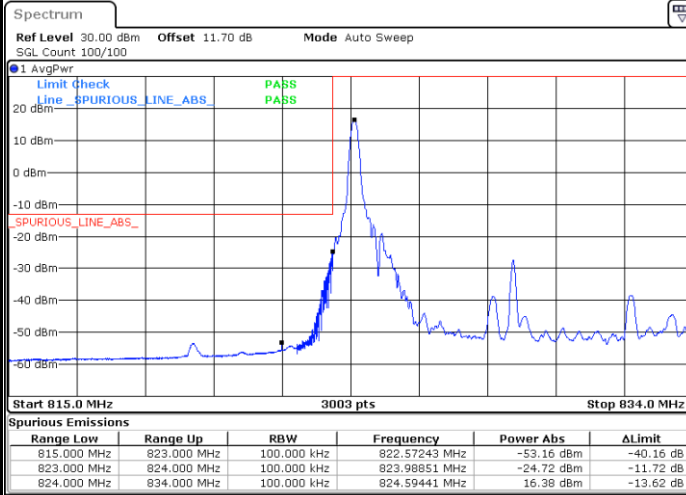
Highest Band Edge / Full RB



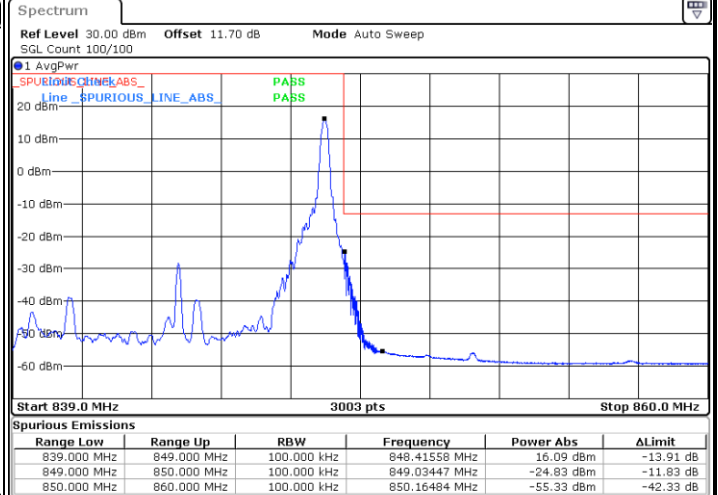


LTE Band 5 / 10MHz / 256QAM

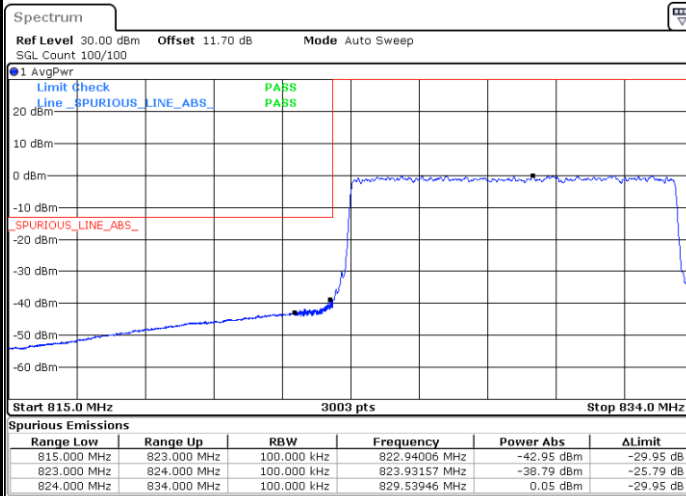
Lowest Band Edge / 1 RB



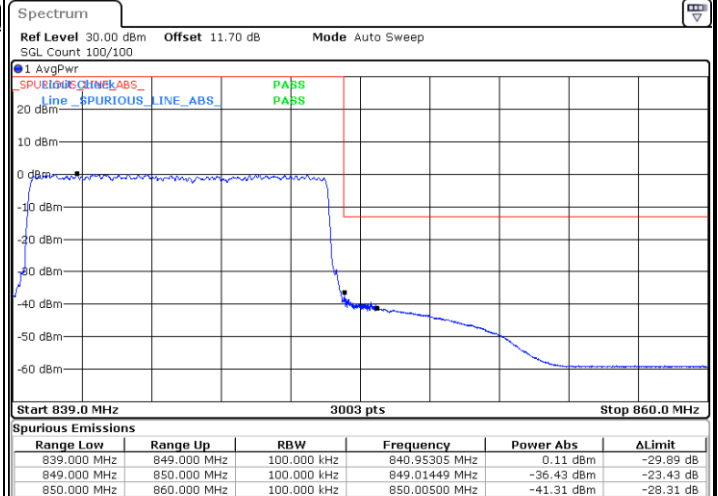
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

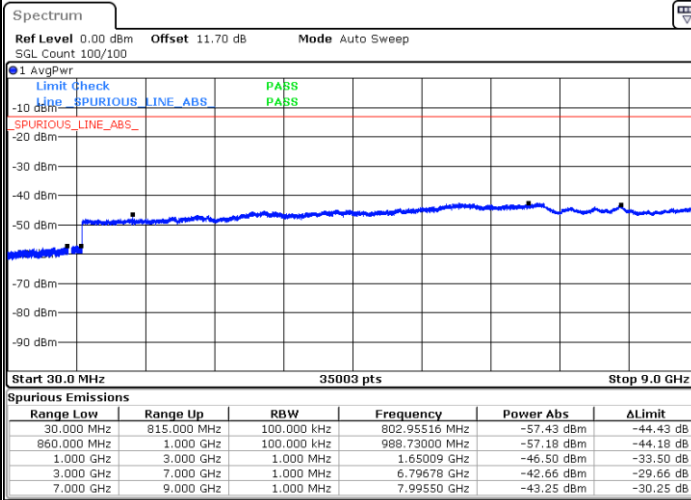




Conducted Spurious Emission

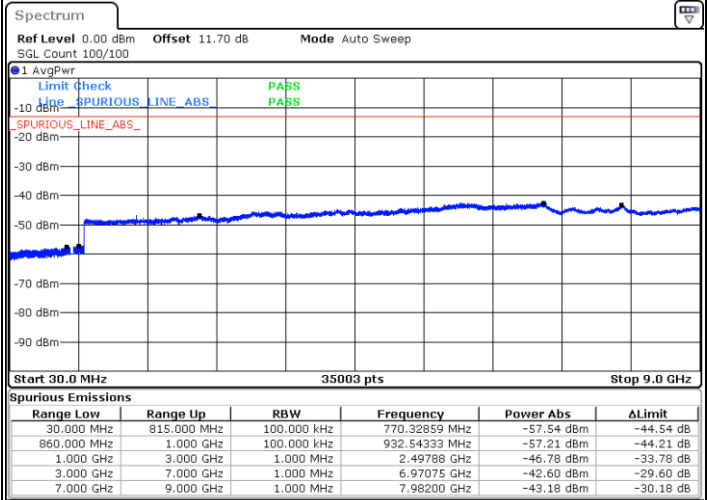
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



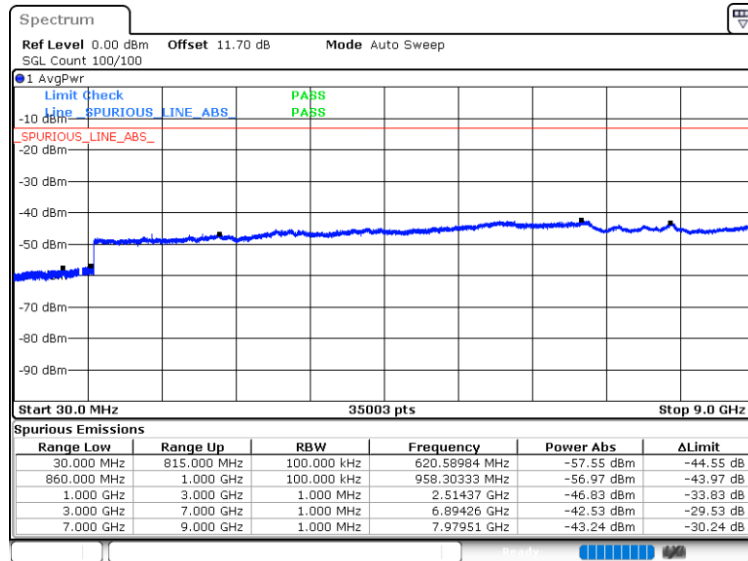
Date: 18.APR.2021 18:33:18

Middle Channel / QPSK



Date: 18.APR.2021 18:34:55

Highest Channel / QPSK

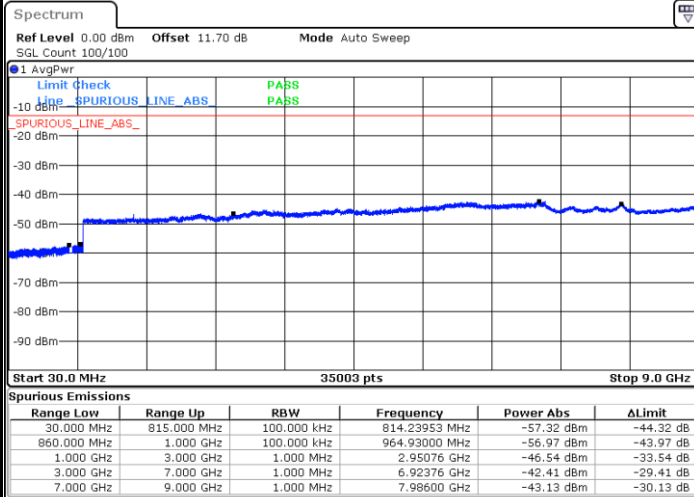


Date: 18.APR.2021 18:42:28



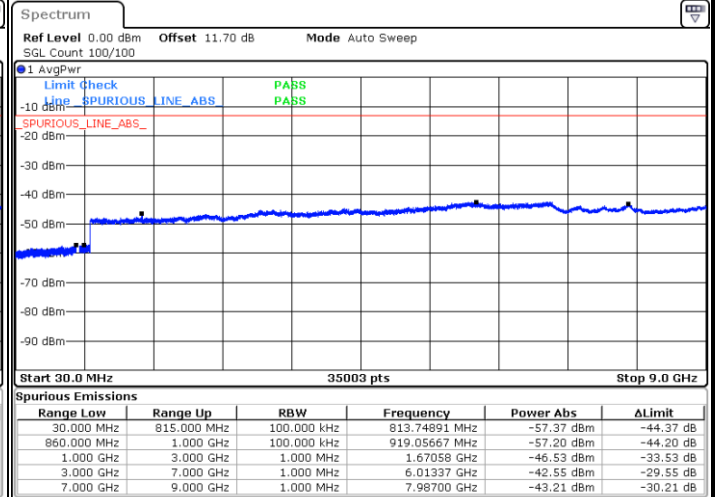
LTE Band 5 / 3MHz

Lowest Channel / QPSK



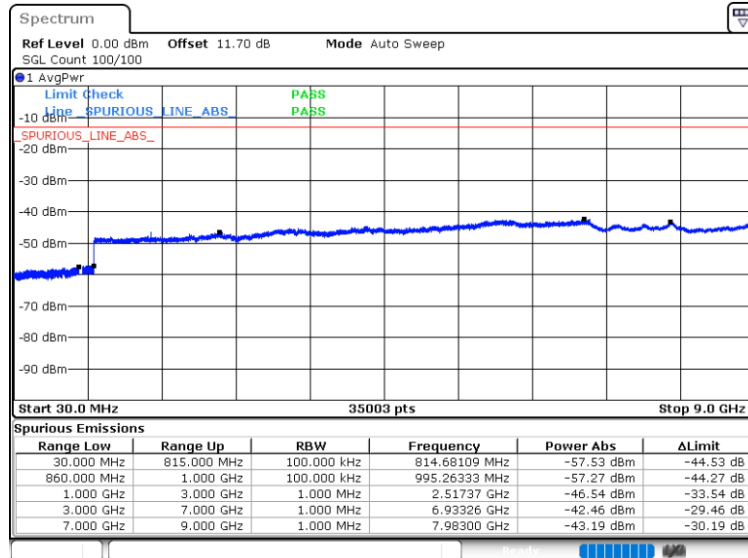
Date: 18.APR.2021 18:57:18

Middle Channel / QPSK



Date: 18.APR.2021 18:58:55

Highest Channel / QPSK

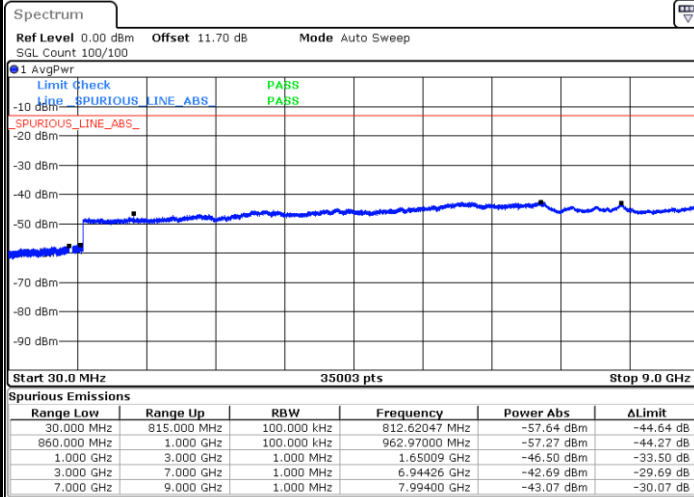


Date: 18.APR.2021 19:06:27



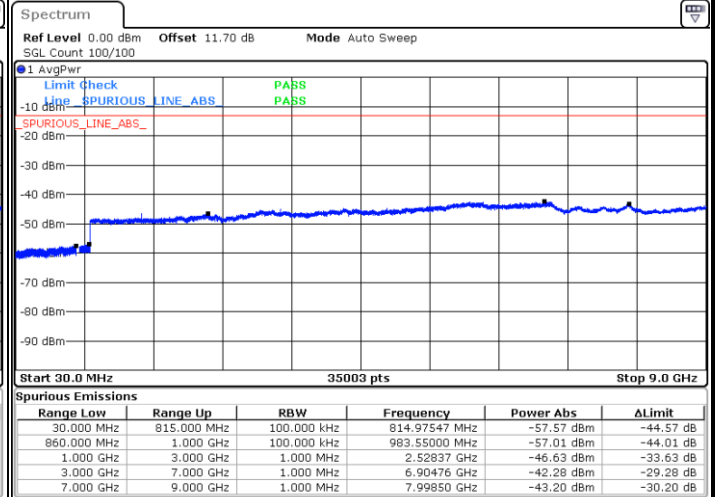
LTE Band 5 / 5MHz

Lowest Channel / QPSK



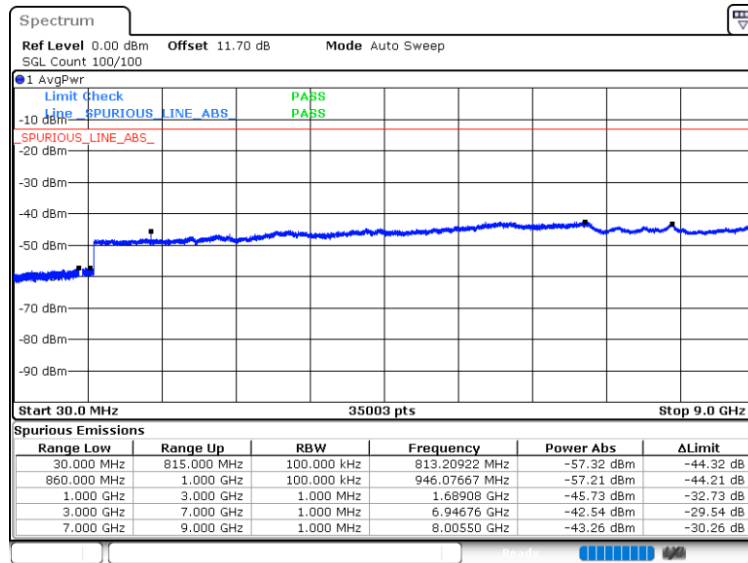
Date: 18.APR.2021 19:21:18

Middle Channel / QPSK



Date: 18.APR.2021 19:22:55

Highest Channel / QPSK

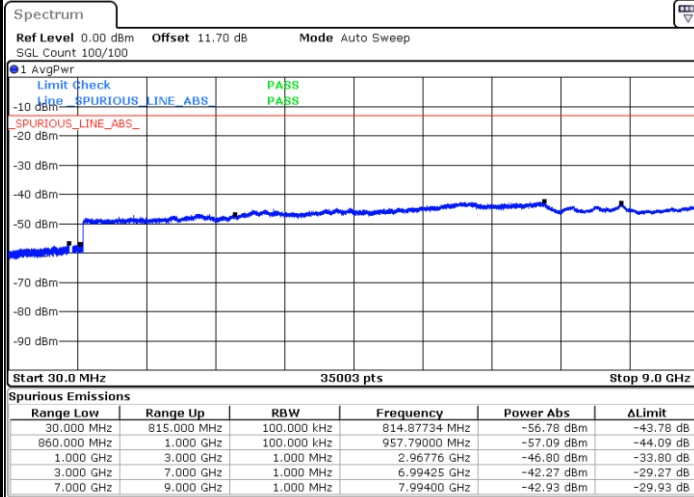


Date: 18.APR.2021 19:30:27



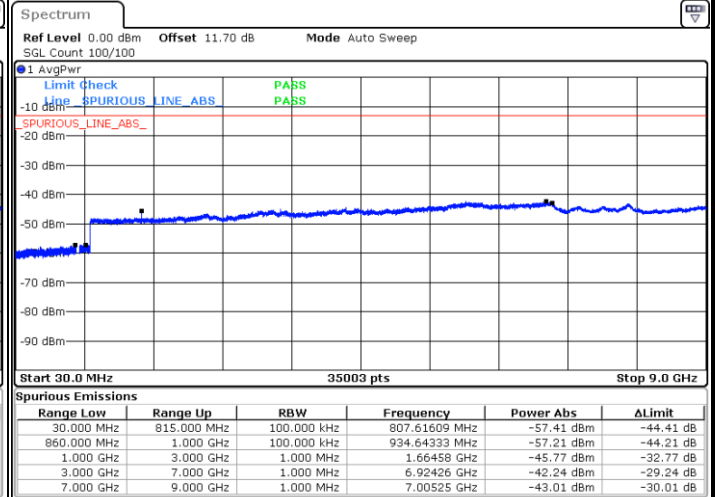
LTE Band 5 / 10MHz

Lowest Channel / QPSK



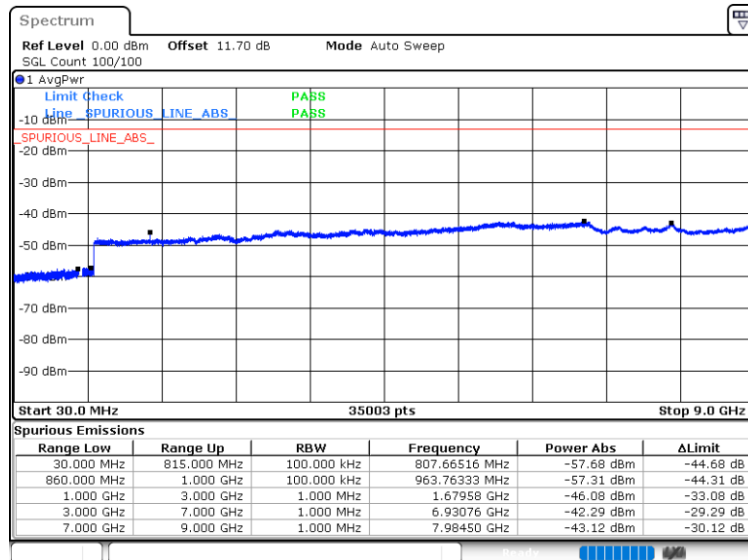
Date: 18.APR.2021 19:45:17

Middle Channel / QPSK



Date: 18.APR.2021 19:46:55

Highest Channel / QPSK



Date: 18.APR.2021 19:54:27

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0056	PASS
40	Normal Voltage	0.0149	
30	Normal Voltage	0.0191	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0117	
0	Normal Voltage	0.0092	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0075	
-30	Normal Voltage	0.0140	
20	Maximum Voltage	0.0053	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0030	

Note:

1. Normal Voltage =3.8 V. ; Minimum Voltage =3.4 V. ; Maximum Voltage =4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.15	8.15	16.12
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	16.09	21.14	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.12	8.12	16.06
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	16.12	21.14	-

Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.14	8.14	16.21
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	16.00	21.02	-

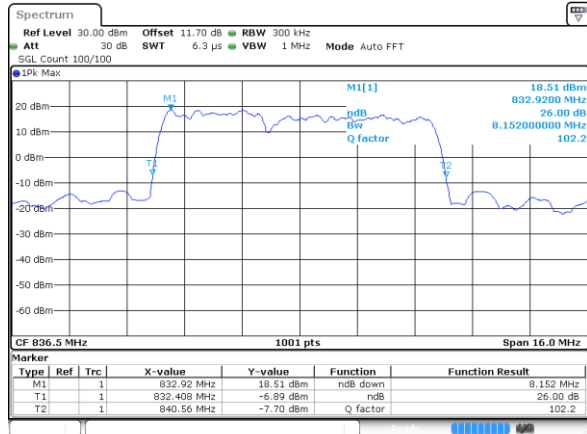
Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.22	8.17	16.06
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.97	21.02	-



LTE Band 5B

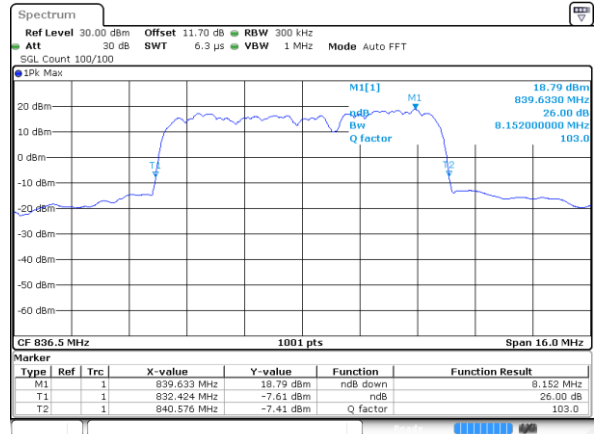
QPSK

Middle Channel / 3MHz+5MHz



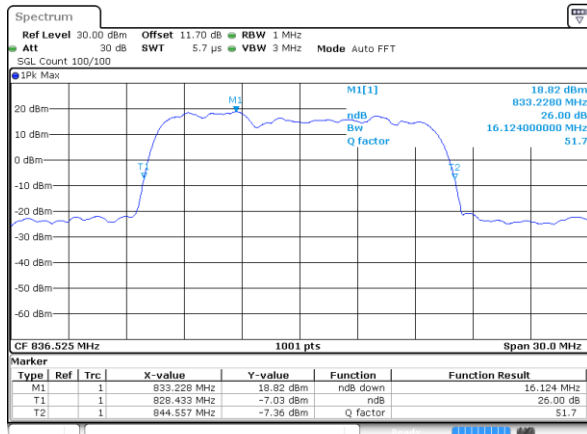
Date: 22 MAY 2021 08:27:02

Middle Channel / 5MHz+3MHz



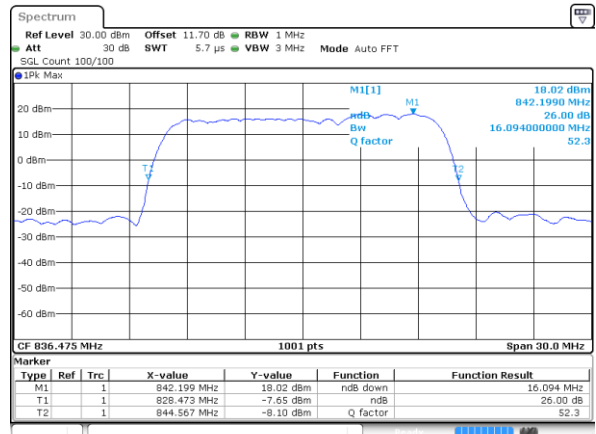
Date: 22 MAY 2021 09:17:55

Middle Channel / 5MHz+10MHz



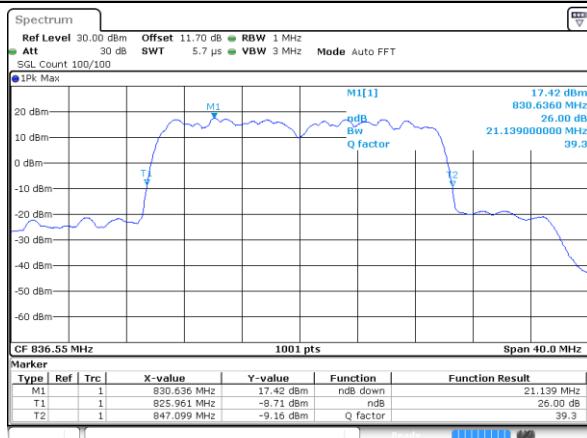
Date: 22 MAY 2021 10:43:49

Middle Channel / 10MHz+5MHz



Date: 22 MAY 2021 11:54:10

Middle Channel / 10MHz+10MHz



Date: 22 MAY 2021 13:05:16

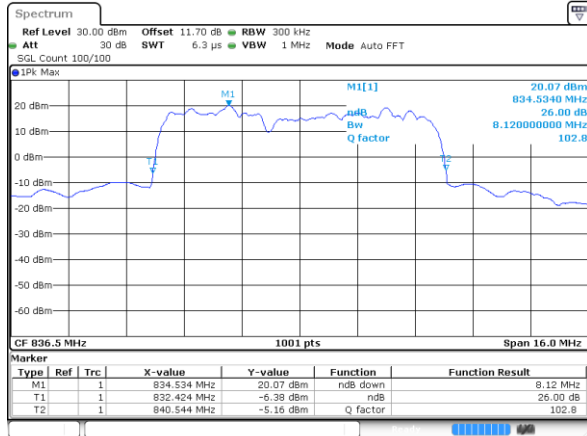
N/A



LTE Band 5B

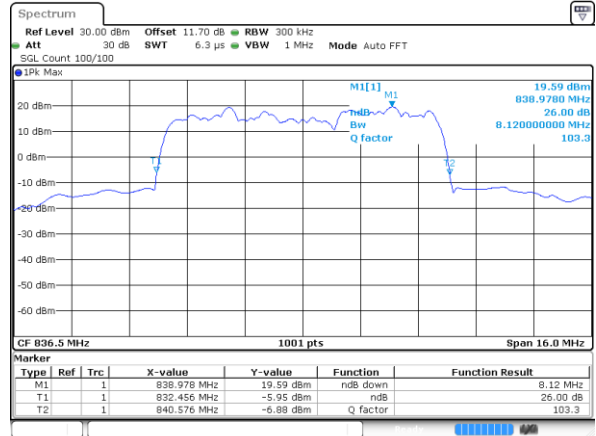
16QAM

Middle Channel / 3MHz+5MHz



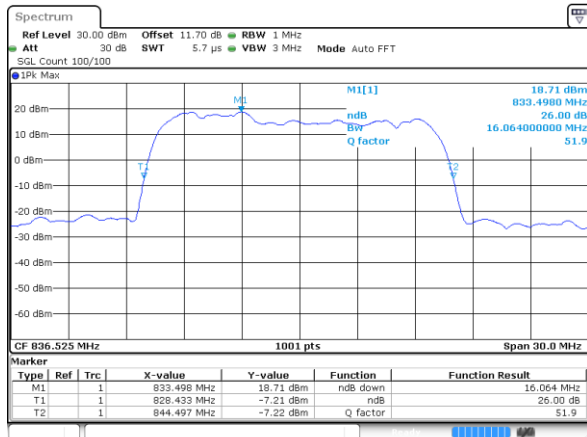
Date: 22 MAY 2021 08:26:35

Middle Channel / 5MHz+3MHz



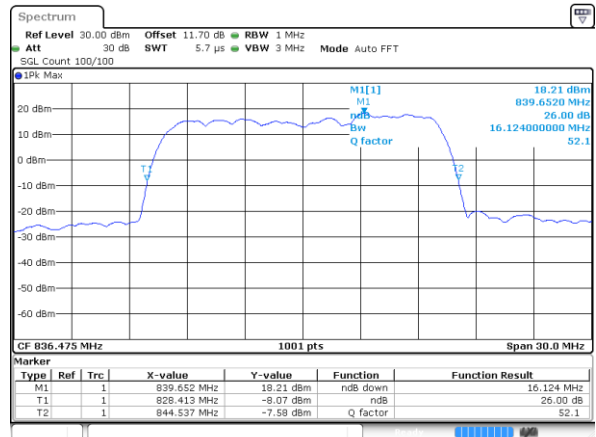
Date: 22 MAY 2021 09:17:27

Middle Channel / 5MHz+10MHz



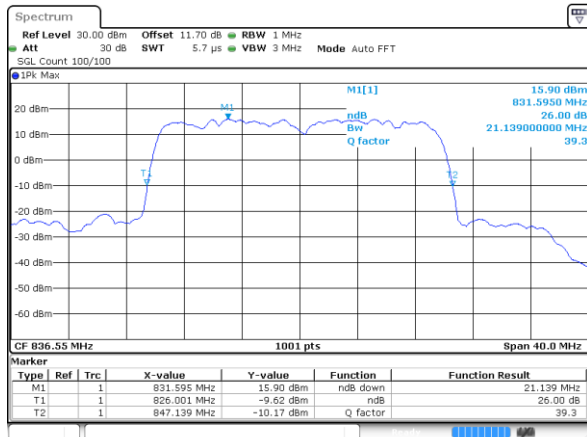
Date: 22 MAY 2021 10:43:21

Middle Channel / 10MHz+5MHz



Date: 22 MAY 2021 11:53:42

Middle Channel / 10MHz+10MHz



Date: 22 MAY 2021 13:04:48

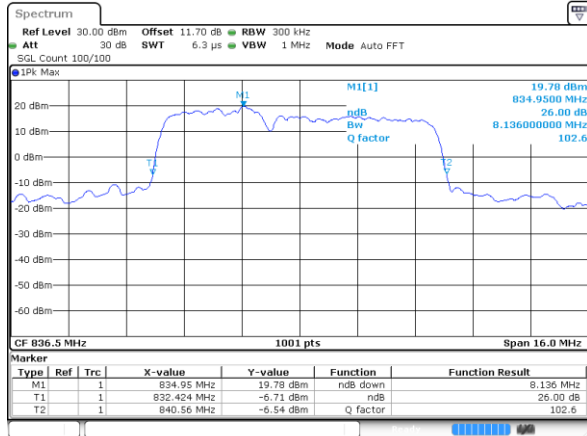
N/A



LTE Band 5B

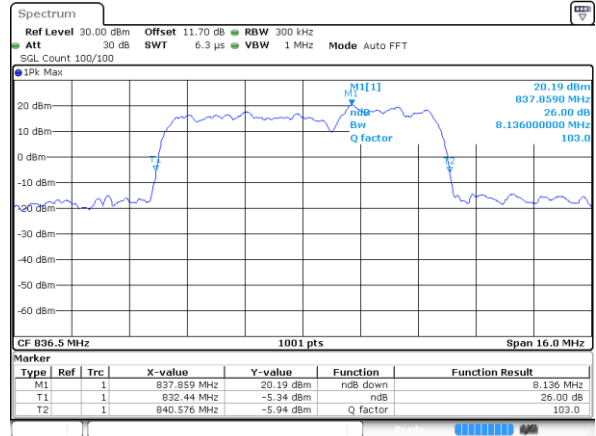
64QAM

Middle Channel / 3MHz+5MHz



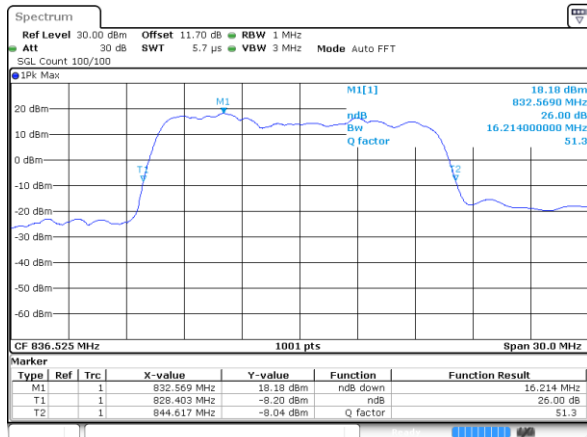
Date: 22 MAY 2021 08:26:07

Middle Channel / 5MHz+3MHz



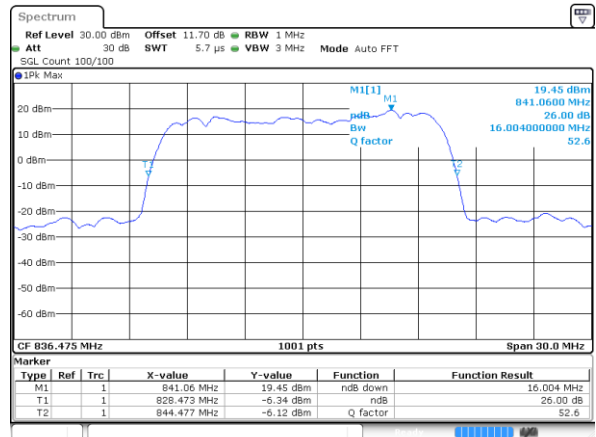
Date: 22 MAY 2021 09:17:00

Middle Channel / 5MHz+10MHz



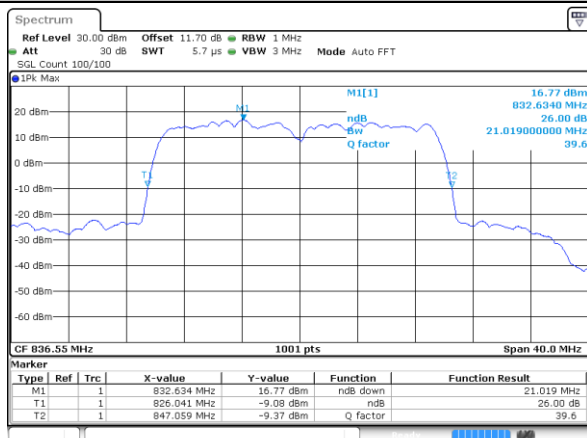
Date: 22 MAY 2021 10:42:53

Middle Channel / 10MHz+5MHz



Date: 22 MAY 2021 11:53:15

Middle Channel / 10MHz+10MHz



Date: 22 MAY 2021 13:04:21

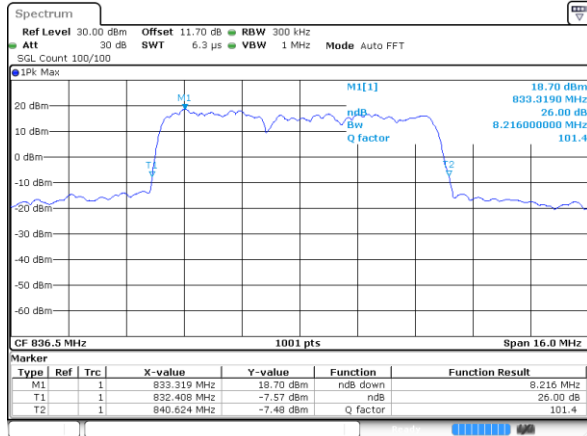
N/A



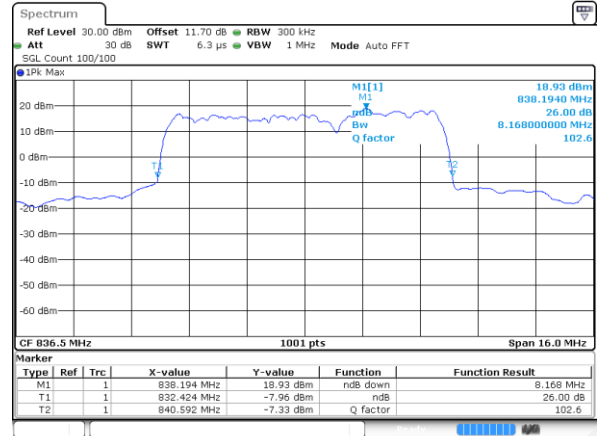
LTE Band 5B

256QAM

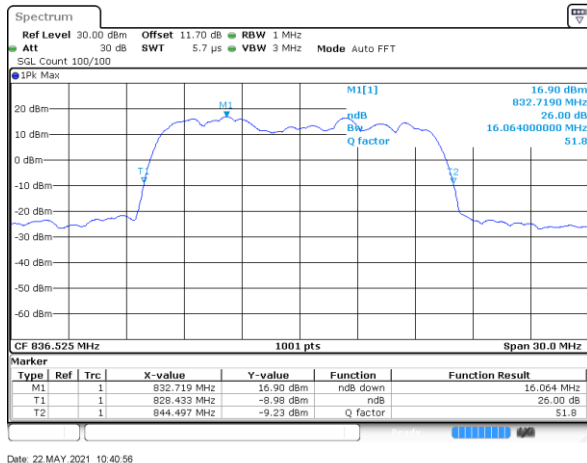
Middle Channel / 3MHz+5MHz



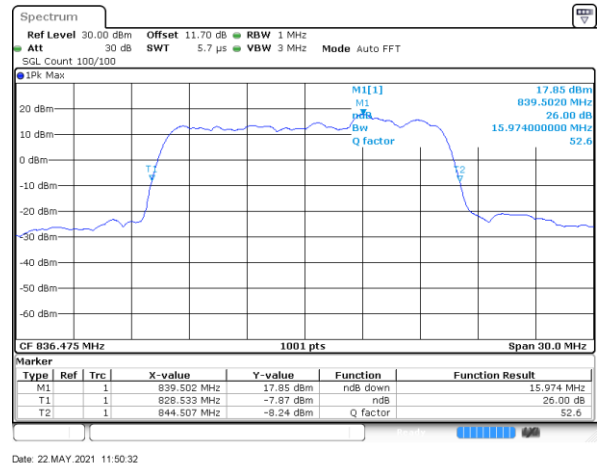
Middle Channel / 5MHz+3MHz



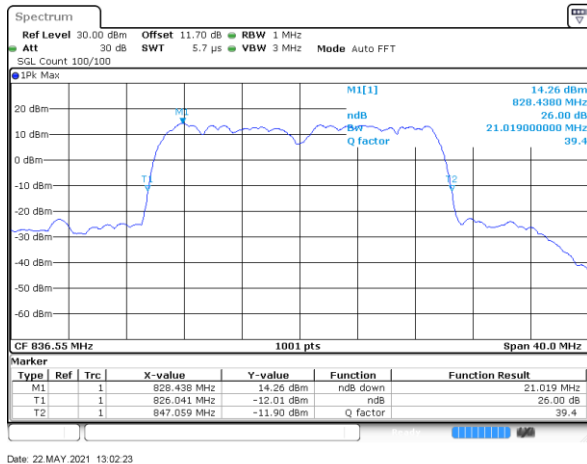
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
	QPSK		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.56	7.56	14.54
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.48	19.18	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	16QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.61	7.59	14.54
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.51	19.22	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	64QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.54	7.61	14.48
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.39	19.14	-

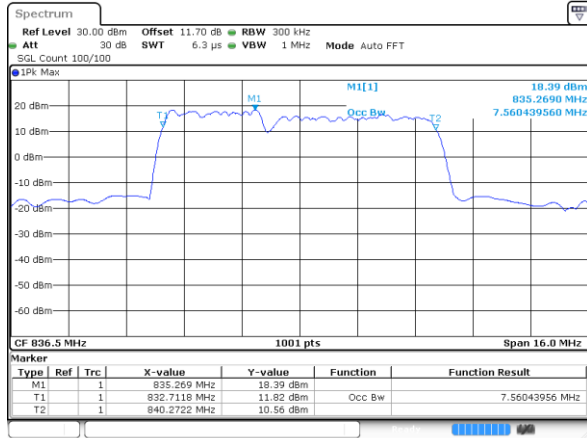
Mode	LTE Band 5B : 99%OBW(MHz)		
	256QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.54	7.58	14.63
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.48	19.26	-



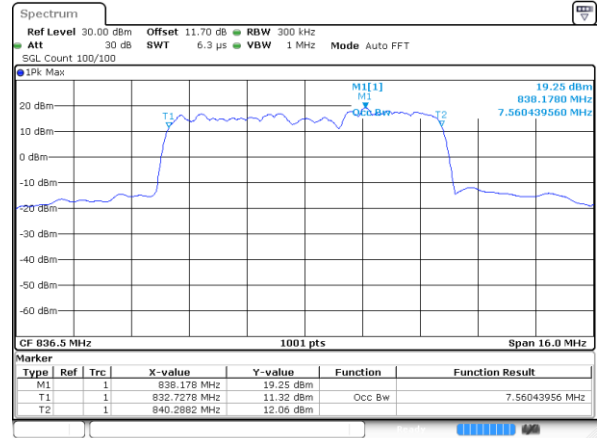
LTE Band 5B

QPSK

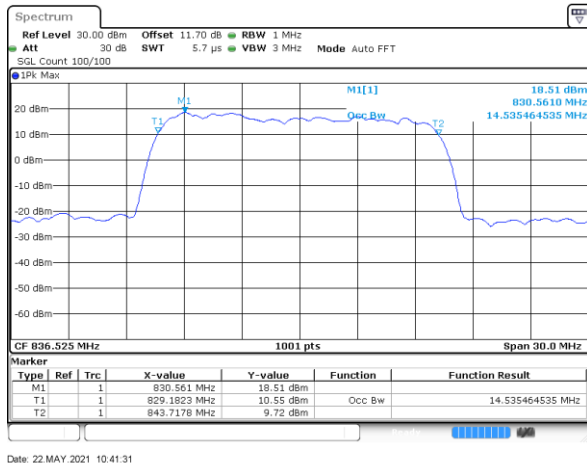
Middle Channel / 3MHz+5MHz



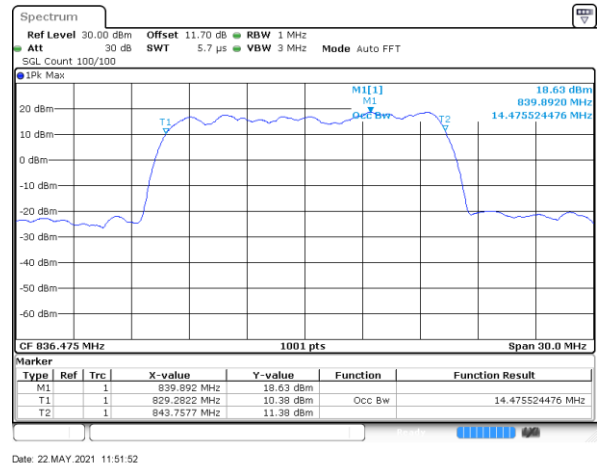
Middle Channel / 5MHz+3MHz



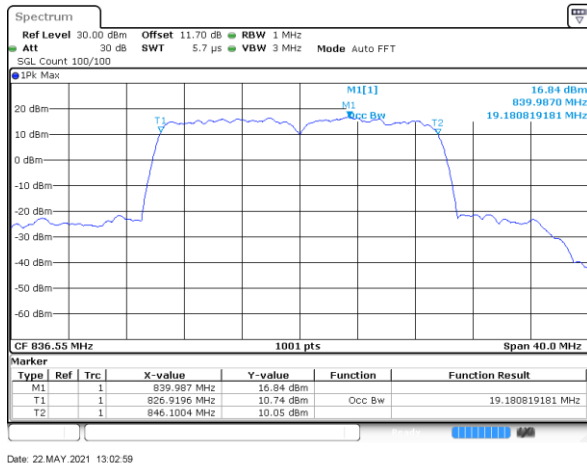
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



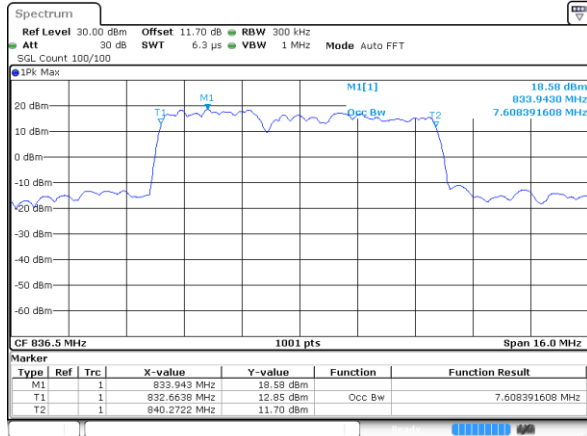
N/A



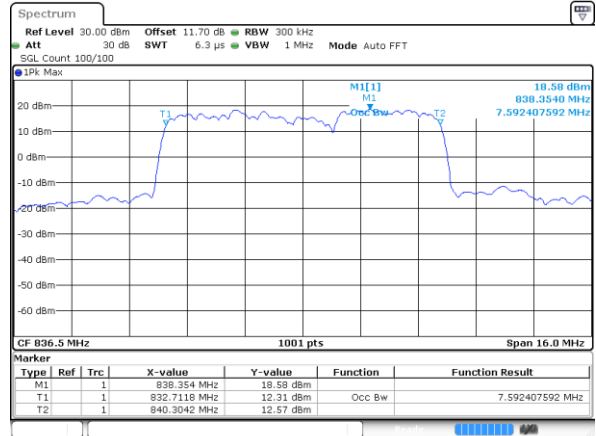
LTE Band 5B

16QAM

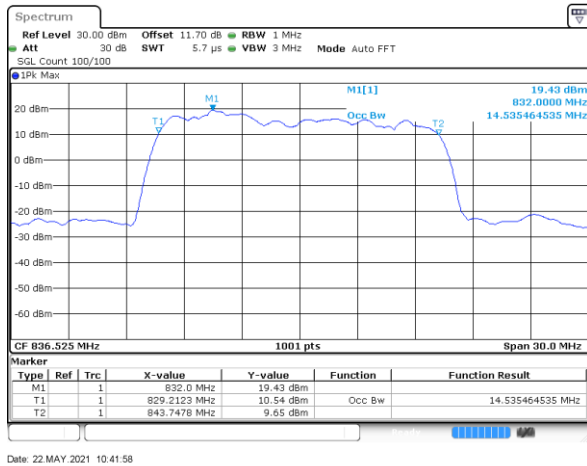
Middle Channel / 3MHz+5MHz



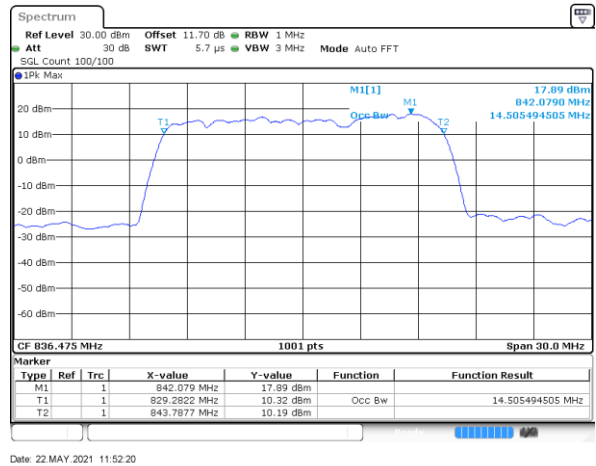
Middle Channel / 5MHz+3MHz



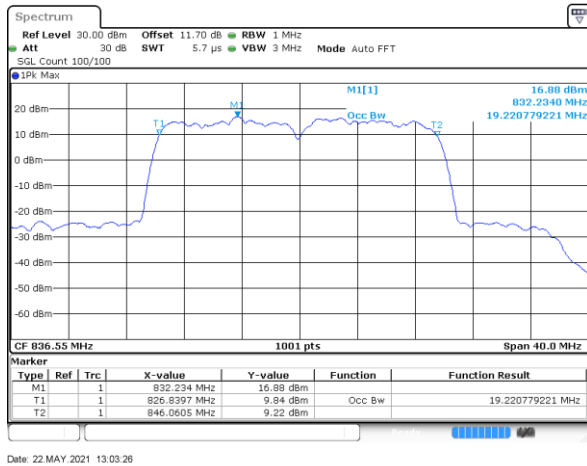
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



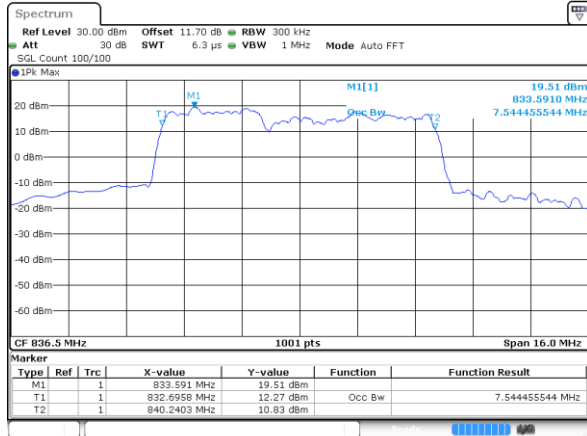
N/A



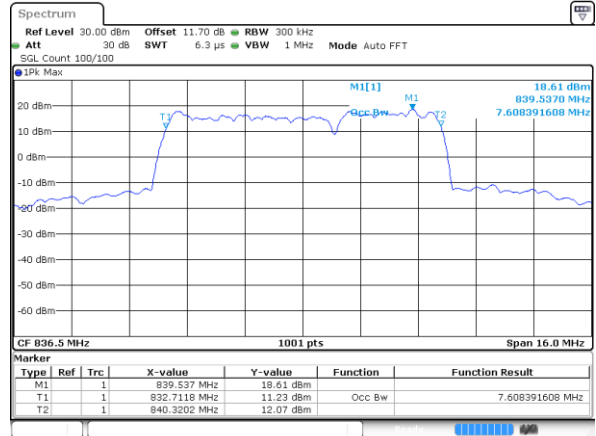
LTE Band 5B

64QAM

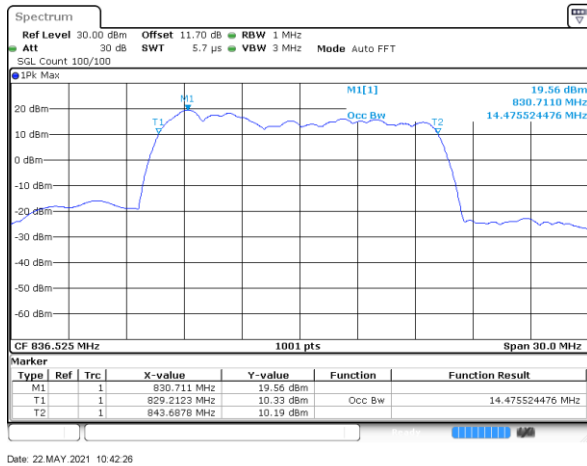
Middle Channel / 3MHz+5MHz



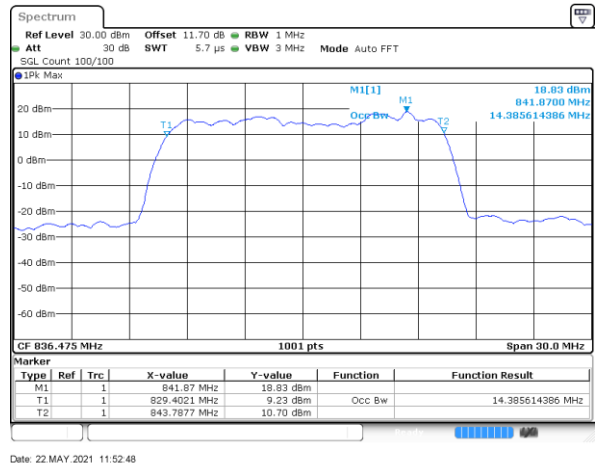
Middle Channel / 5MHz+3MHz



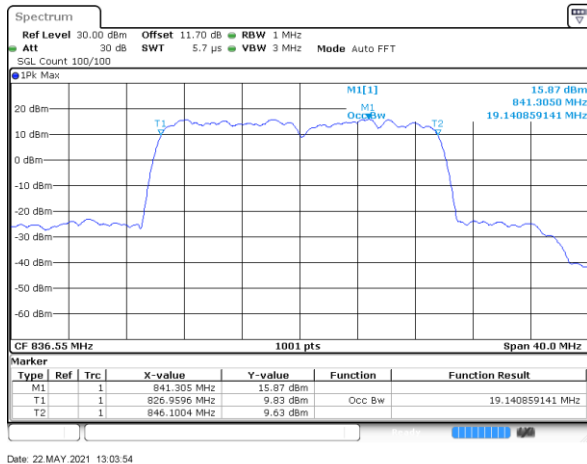
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



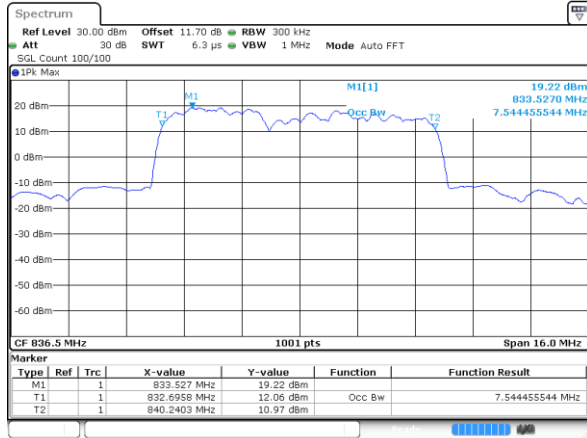
N/A



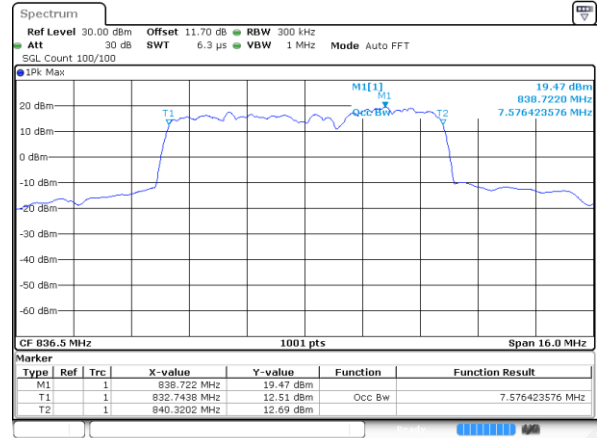
LTE Band 5B

256QAM

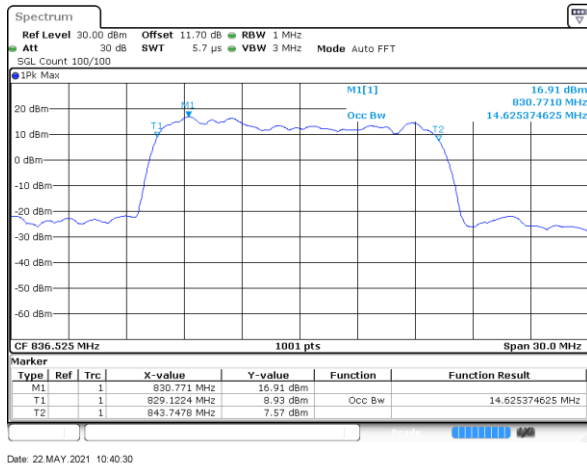
Middle Channel / 3MHz+5MHz



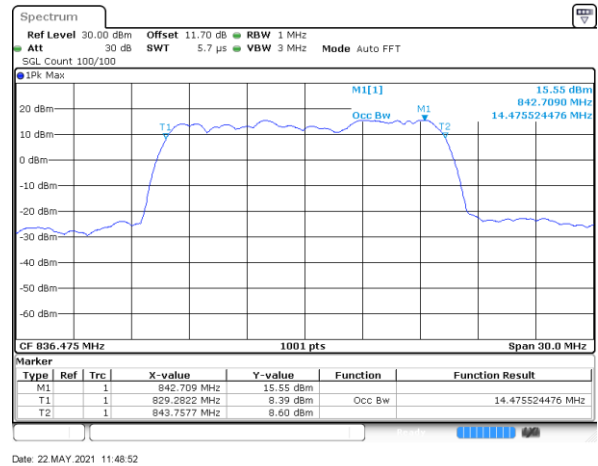
Middle Channel / 5MHz+3MHz



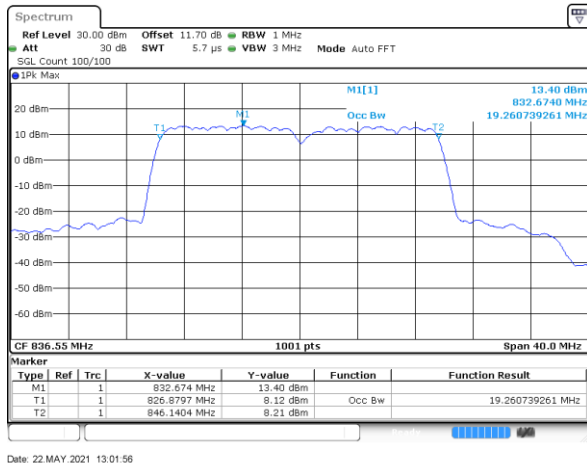
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

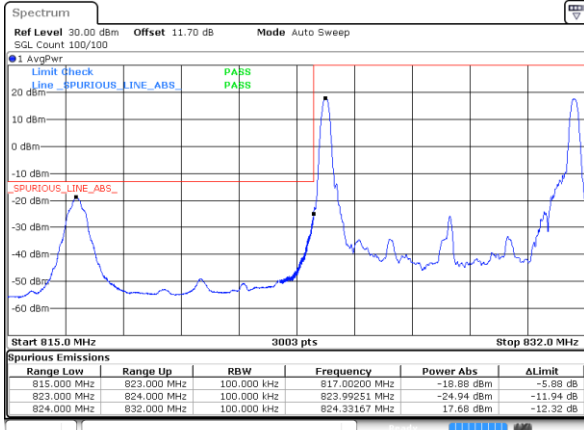


Conducted Band Edge

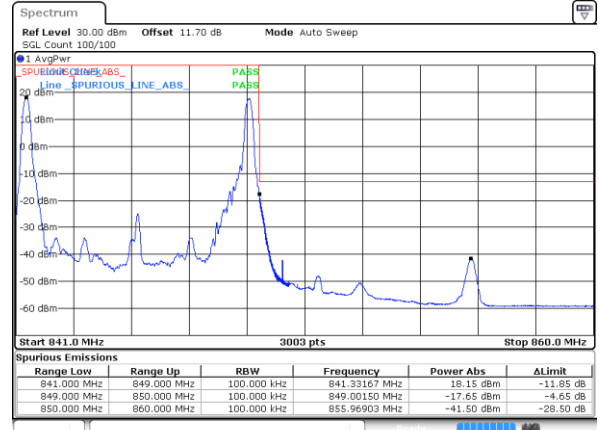
LTE Band 5B / 3MHz+5MHz

QPSK

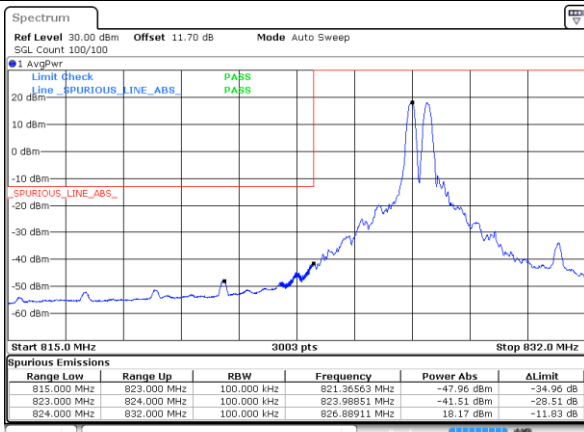
Lowest Band Edge / 1RB0 and 1RB24



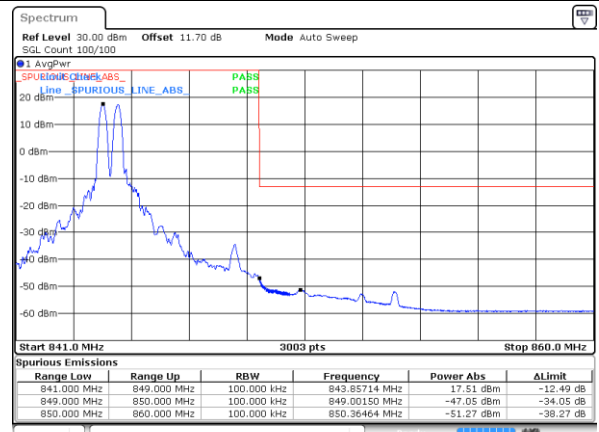
Highest Band Edge / 1RB0 and 1RB24



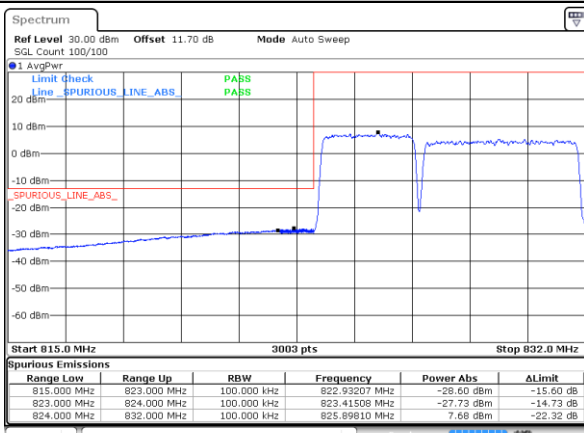
Lowest Band Edge / 1RB14 and 1RB0



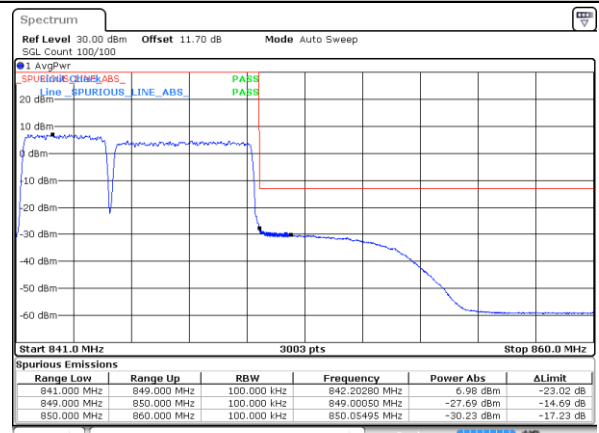
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

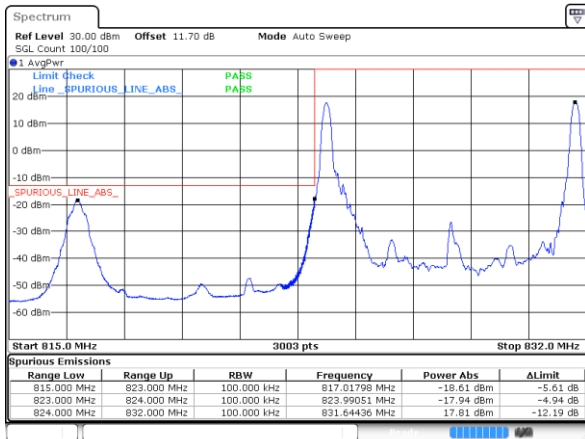




LTE Band 5B / 5MHz+3MHz

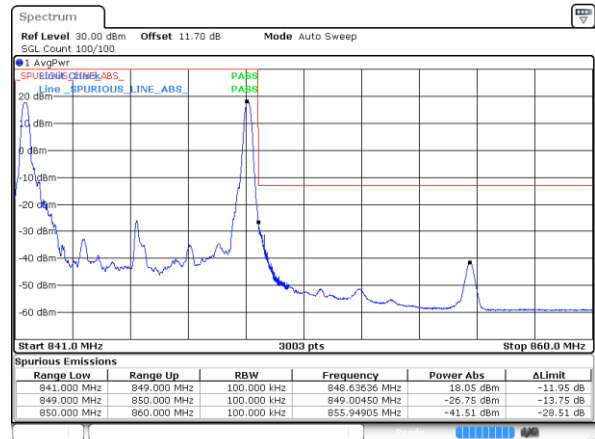
QPSK

Lowest Band Edge / 1RB0 and 1RB14



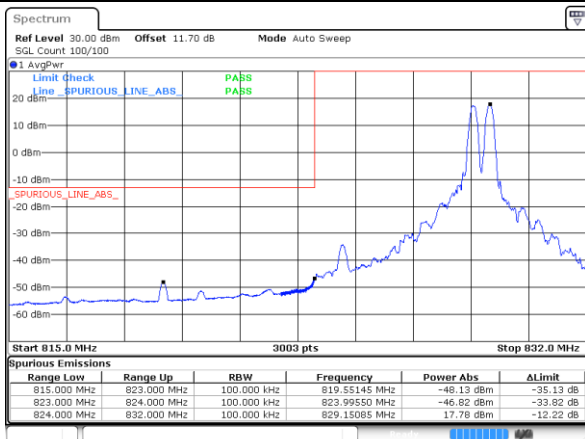
Date: 25 MAY 2021 14:52:59

Highest Band Edge / 1RB0 and 1RB14



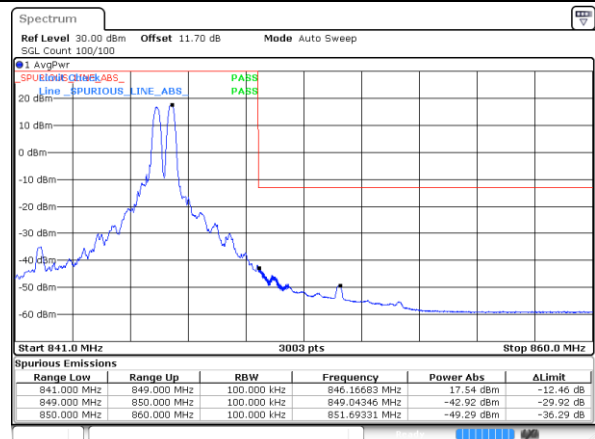
Date: 22 MAY 2021 09:09:49

Lowest Band Edge / 1RB24 and 1RB0



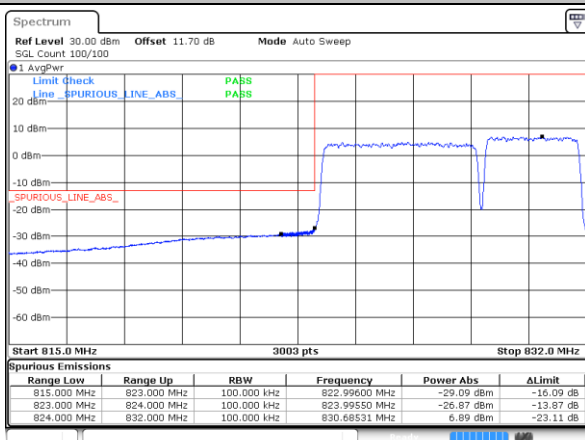
Date: 25 MAY 2021 14:54:57

Highest Band Edge / 1RB24 and 1RB0



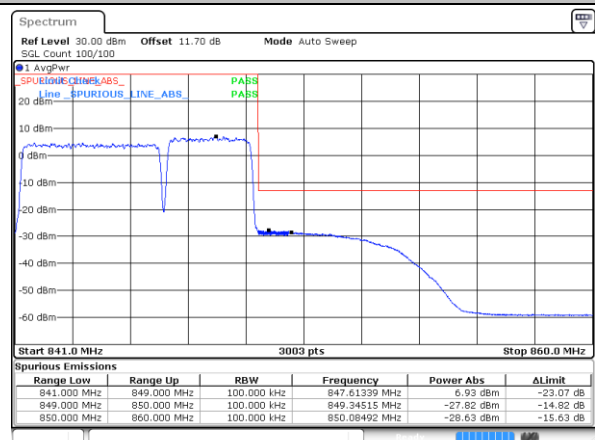
Date: 22 MAY 2021 09:06:43

Lowest Band Edge / Full RB



Date: 25 MAY 2021 14:43:11

Highest Band Edge / Full RB



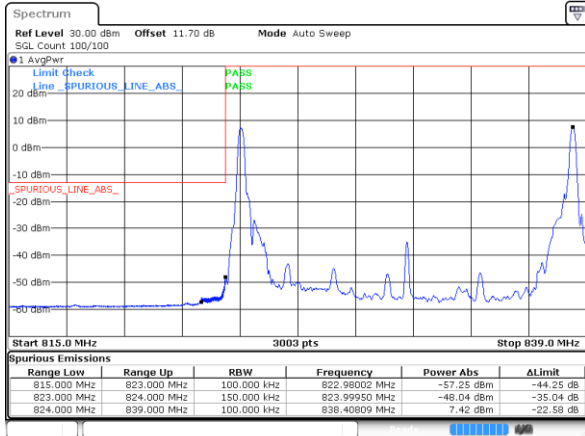
Date: 22 MAY 2021 09:12:08



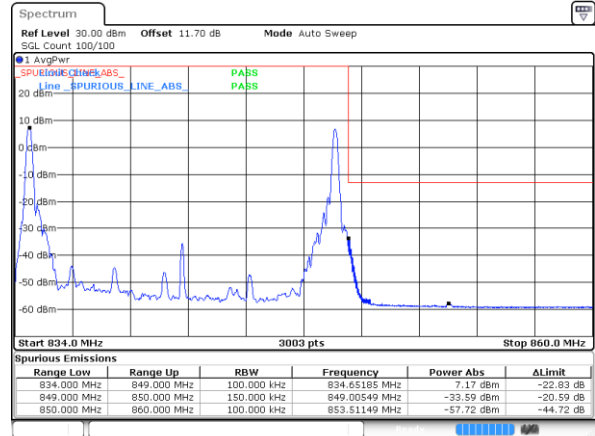
LTE Band 5B / 5MHz+10MHz

QPSK

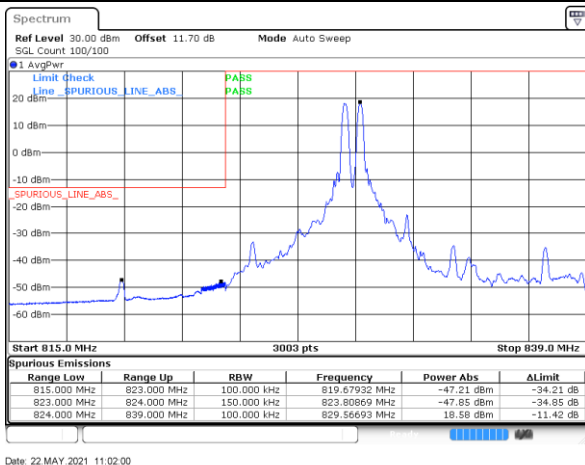
Lowest Band Edge / 1RB0 and 1RB49



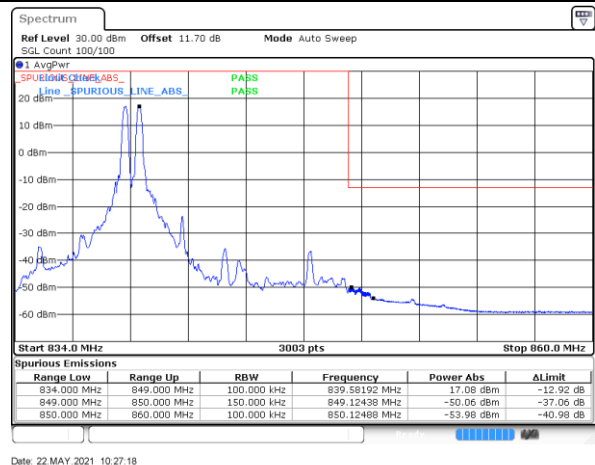
Highest Band Edge / 1RB0 and 1RB49



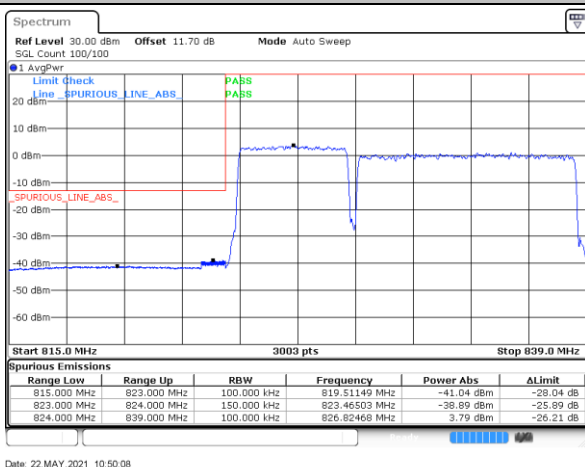
Lowest Band Edge / 1RB24 and 1RB0



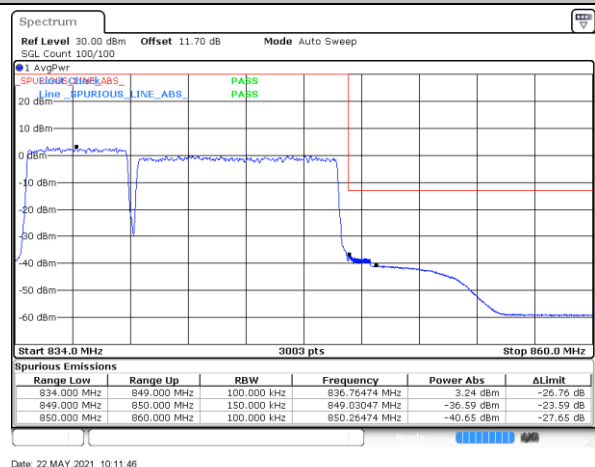
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

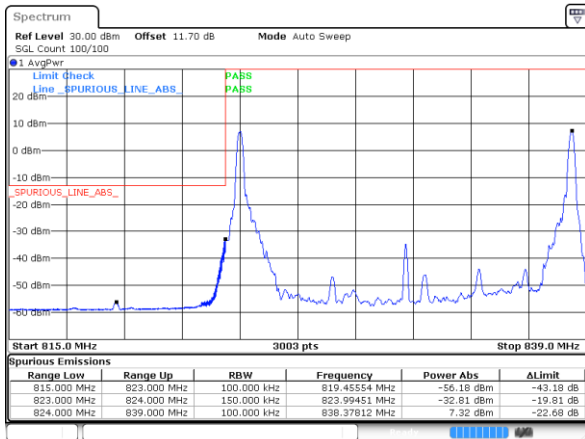




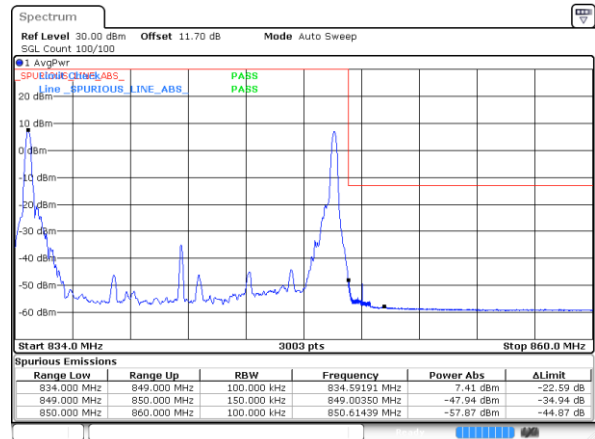
LTE Band 5B / 10MHz+5MHz

QPSK

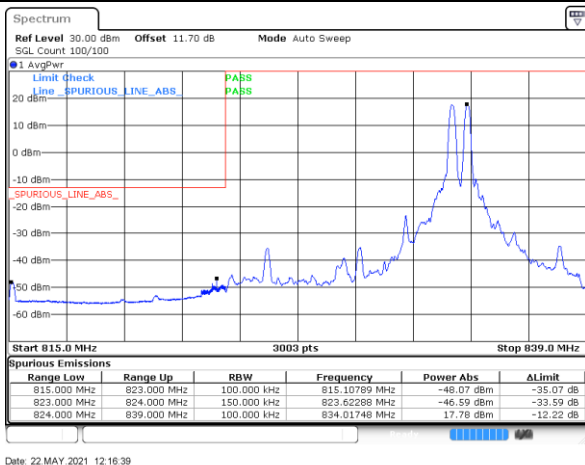
Lowest Band Edge / 1RB0 and 1RB24



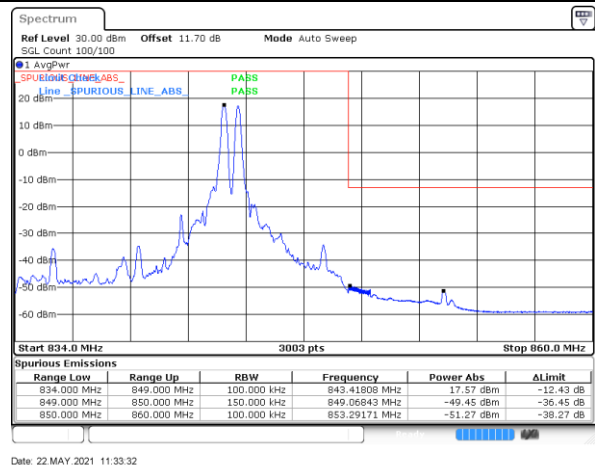
Highest Band Edge / 1RB0 and 1RB24



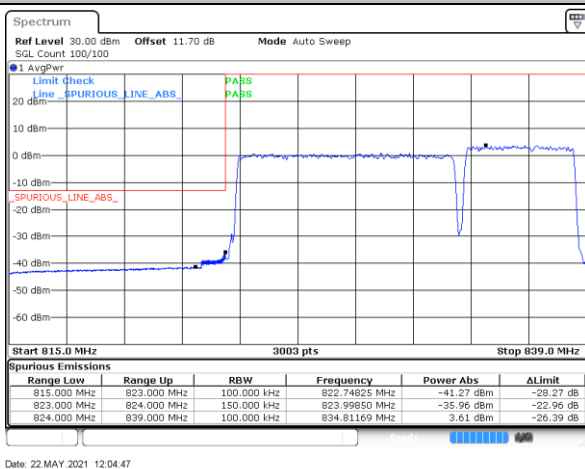
Lowest Band Edge / 1RB49 and 1RB0



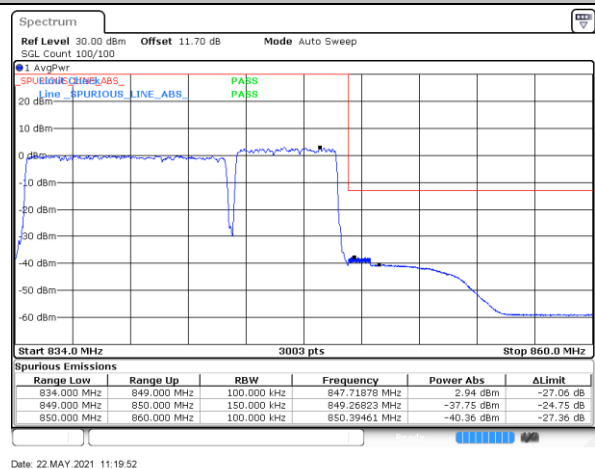
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

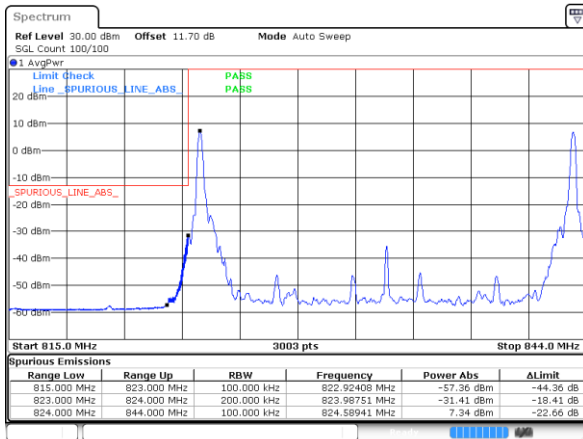




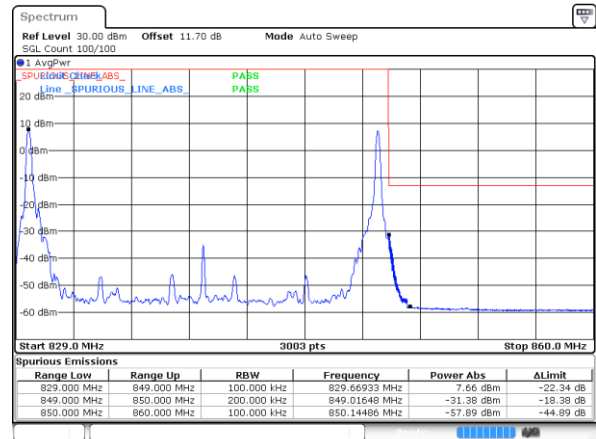
LTE Band 5B / 10MHz+10MHz

QPSK

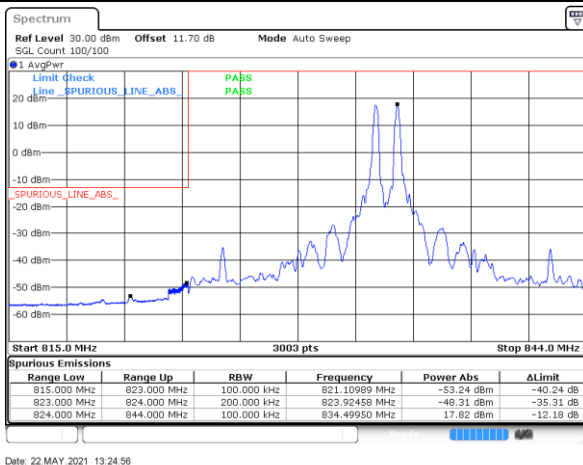
Lowest Band Edge / 1RB0 and 1RB49



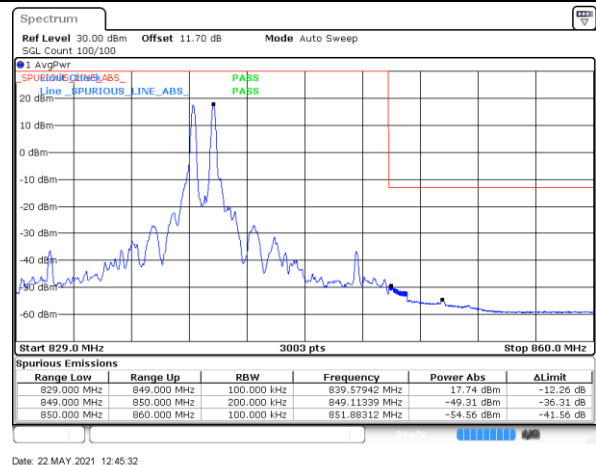
Highest Band Edge / 1RB0 and 1RB49



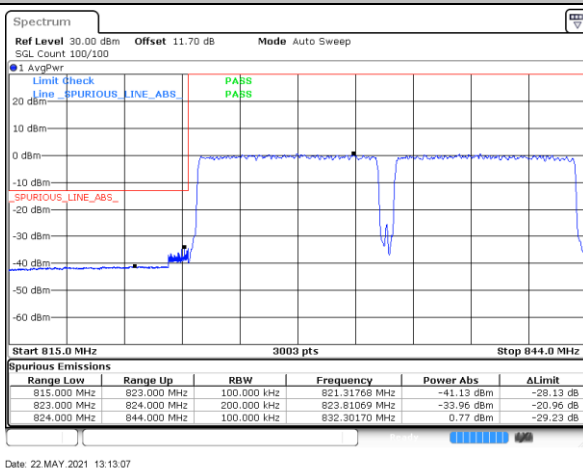
Lowest Band Edge / 1RB49 and 1RB0



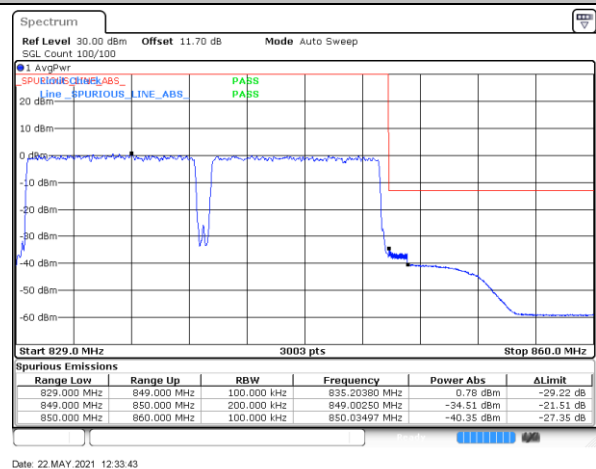
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

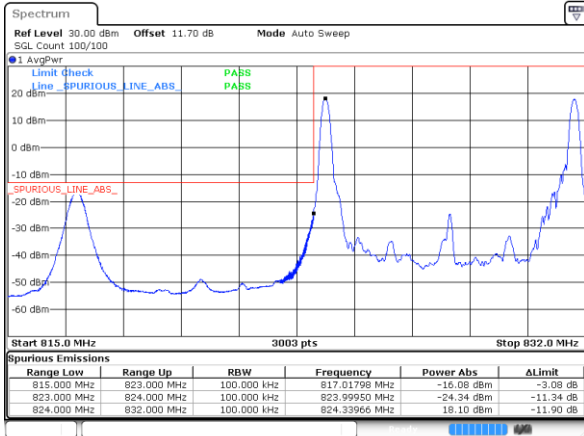




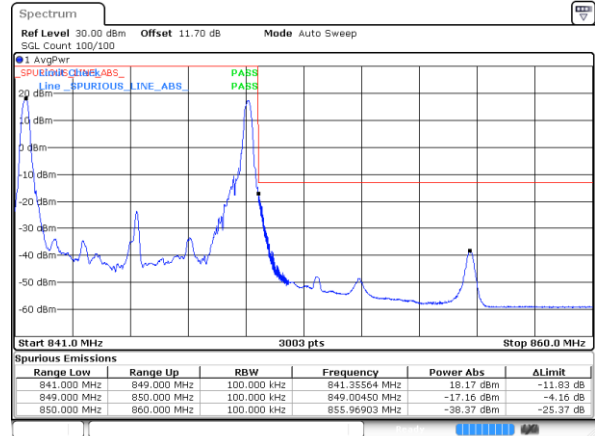
LTE Band 5B / 3MHz+5MHz

16QAM

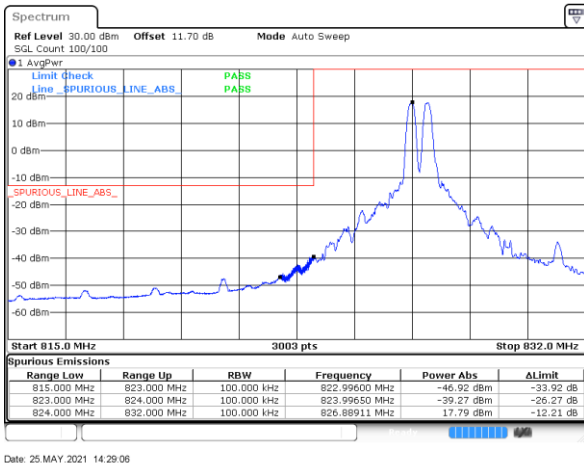
Lowest Band Edge / 1RB0 and 1RB24



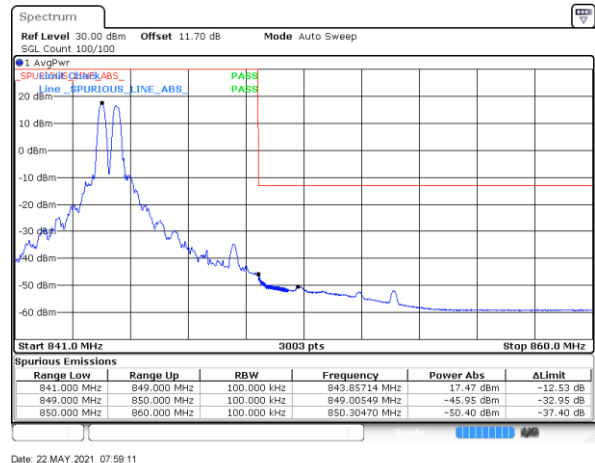
Highest Band Edge / 1RB0 and 1RB24



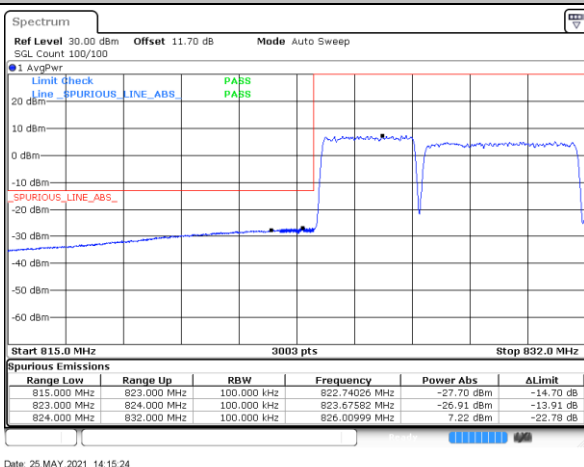
Lowest Band Edge / 1RB14 and 1RB0



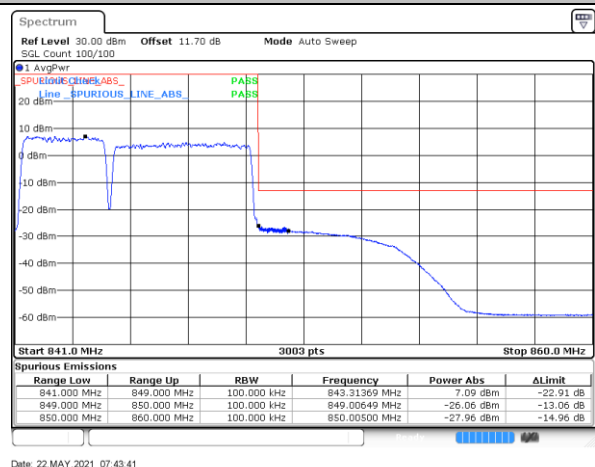
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

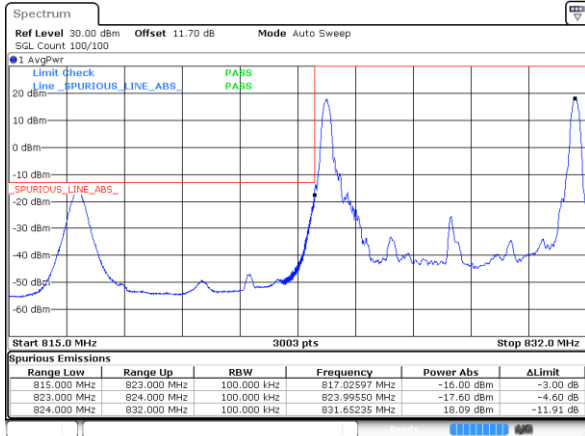




LTE Band 5B / 5MHz+3MHz

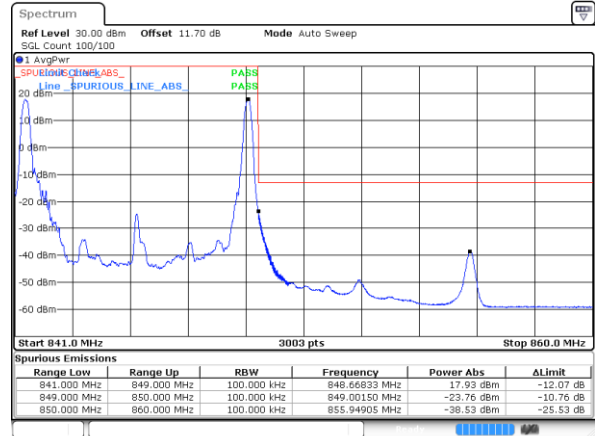
16QAM

Lowest Band Edge / 1RB0 and 1RB14



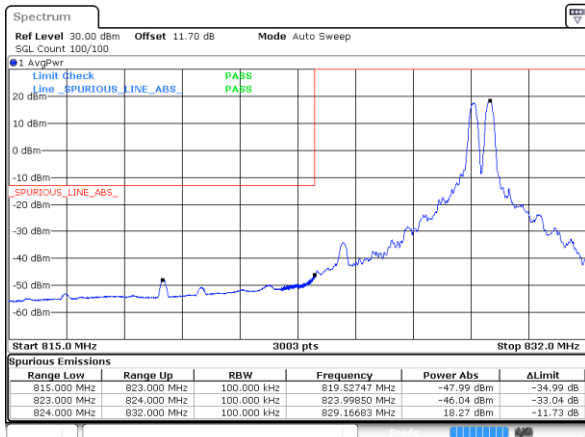
Date: 25 MAY 2021 14:51:01

Highest Band Edge / 1RB0 and 1RB14



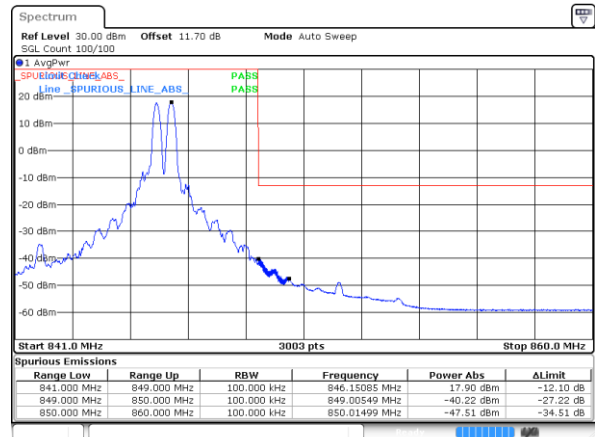
Date: 22 MAY 2021 08:45:37

Lowest Band Edge / 1RB24 and 1RB0



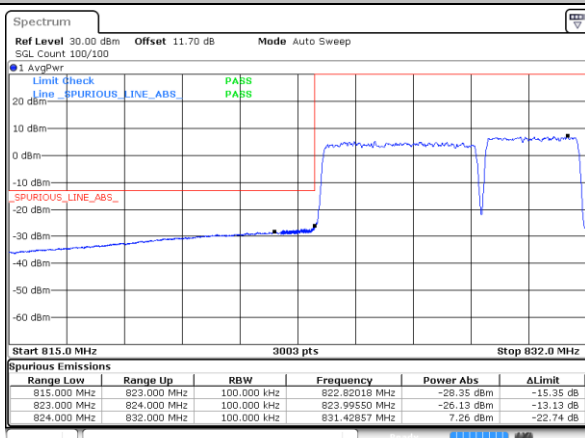
Date: 25 MAY 2021 14:58:47

Highest Band Edge / 1RB24 and 1RB0



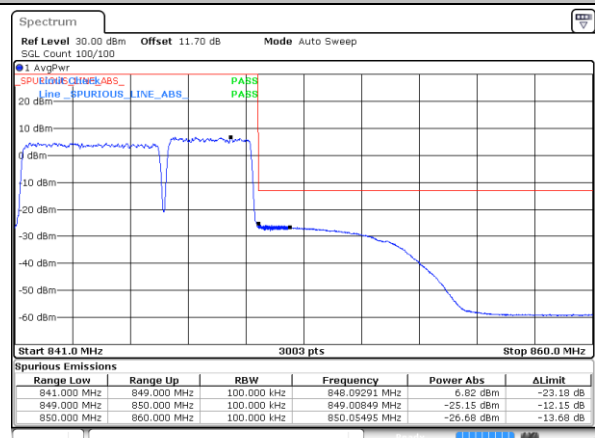
Date: 22 MAY 2021 08:55:14

Lowest Band Edge / Full RB



Date: 25 MAY 2021 14:45:09

Highest Band Edge / Full RB



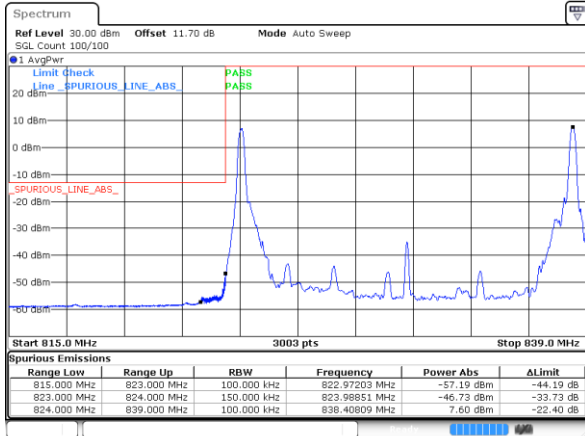
Date: 22 MAY 2021 08:39:44



LTE Band 5B / 5MHz+10MHz

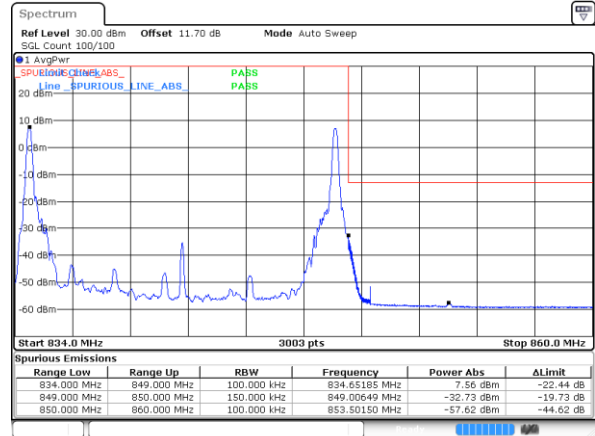
16QAM

Lowest Band Edge / 1RB0 and 1RB49



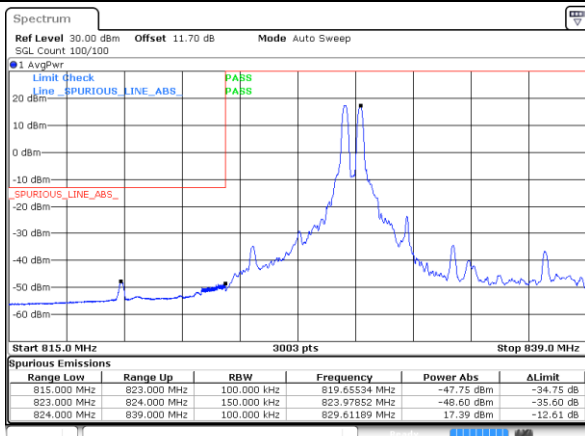
Date: 22 MAY 2021 10:58:03

Highest Band Edge / 1RB0 and 1RB49



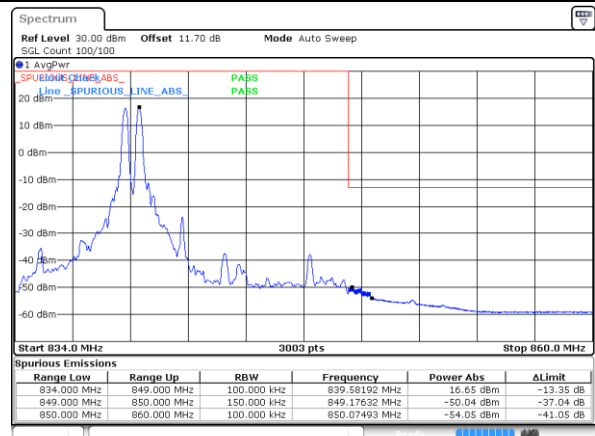
Date: 22 MAY 2021 10:15:43

Lowest Band Edge / 1RB24 and 1RB0



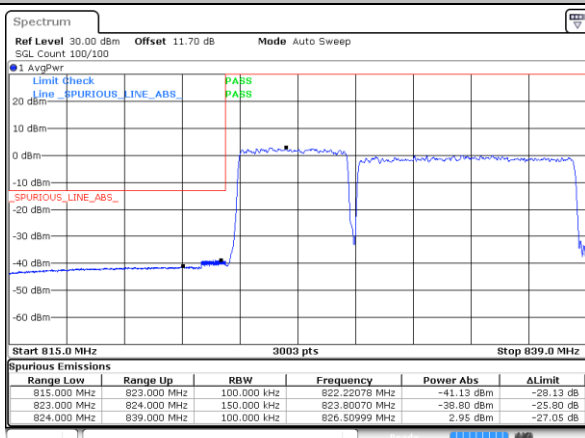
Date: 22 MAY 2021 11:03:58

Highest Band Edge / 1RB24 and 1RB0



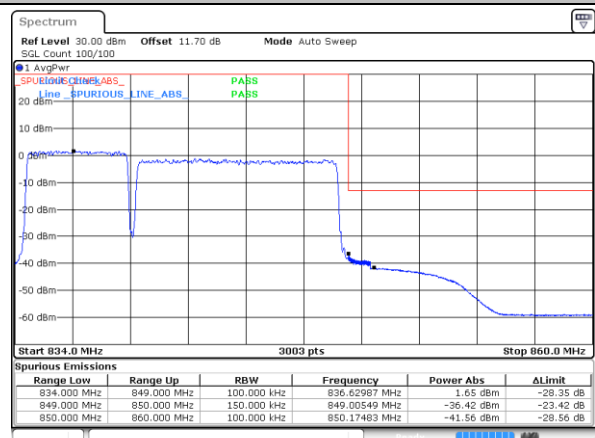
Date: 22 MAY 2021 10:25:20

Lowest Band Edge / Full RB



Date: 22 MAY 2021 10:52:06

Highest Band Edge / Full RB



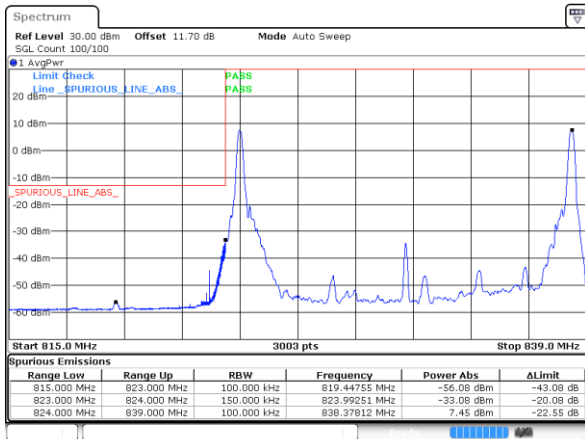
Date: 22 MAY 2021 10:09:48



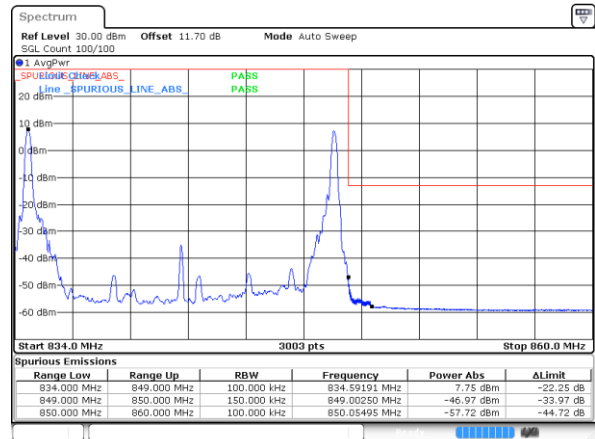
LTE Band 5B / 10MHz+5MHz

16QAM

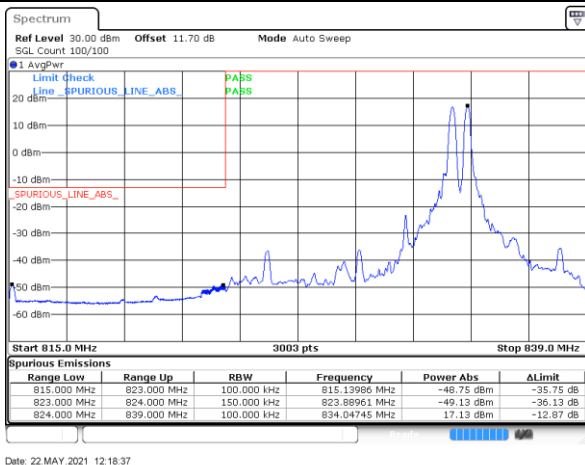
Lowest Band Edge / 1RB0 and 1RB24



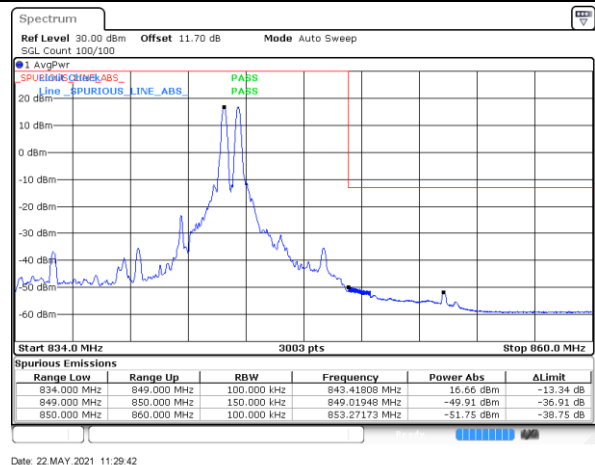
Highest Band Edge / 1RB0 and 1RB24



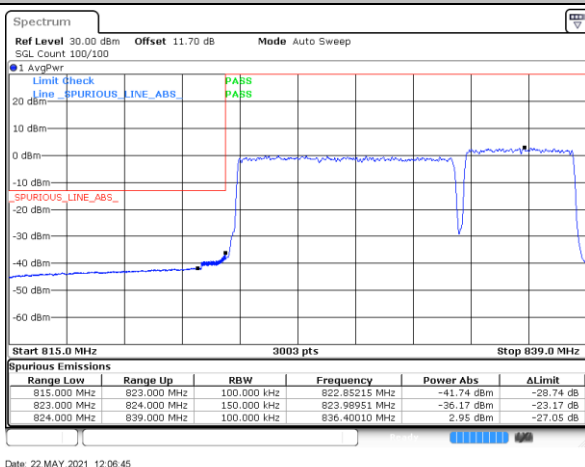
Lowest Band Edge / 1RB49 and 1RB0



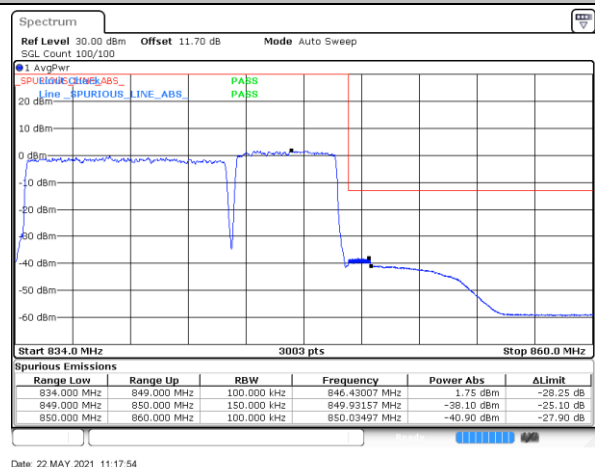
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

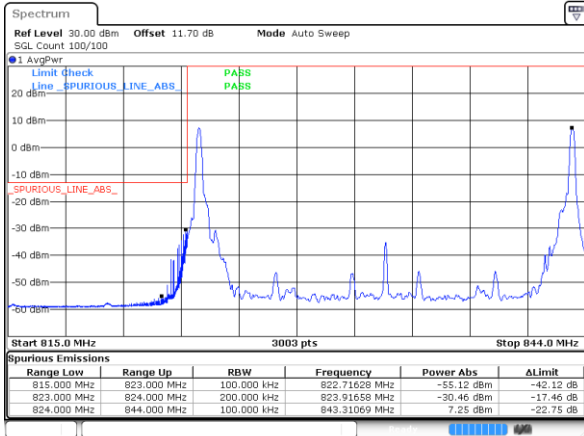




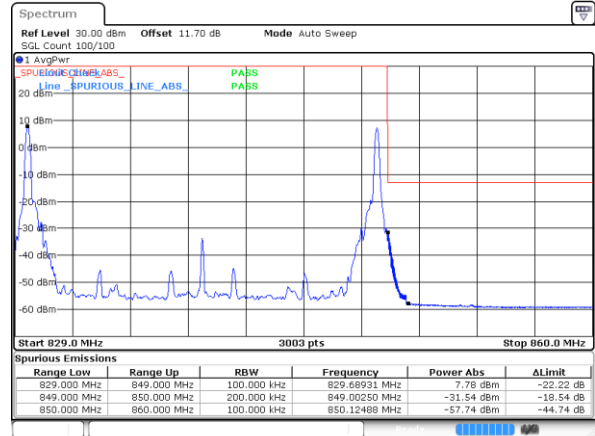
LTE Band 5B / 10MHz+10MHz

16QAM

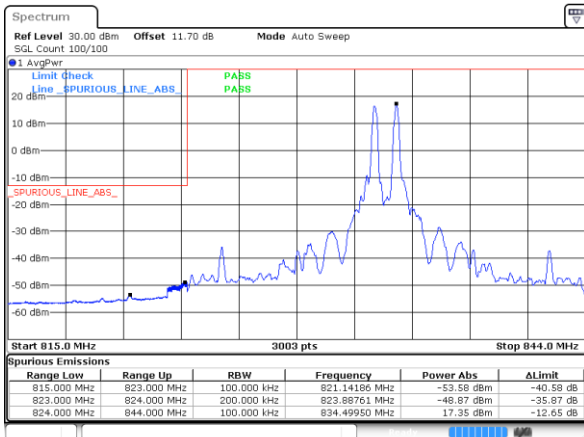
Lowest Band Edge / 1RB0 and 1RB49



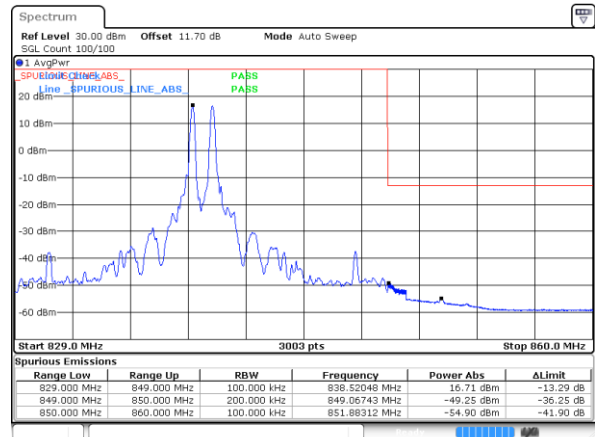
Highest Band Edge / 1RB0 and 1RB49



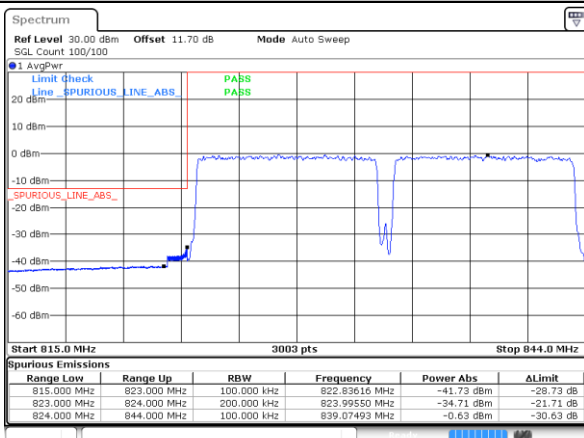
Lowest Band Edge / 1RB49 and 1RB0



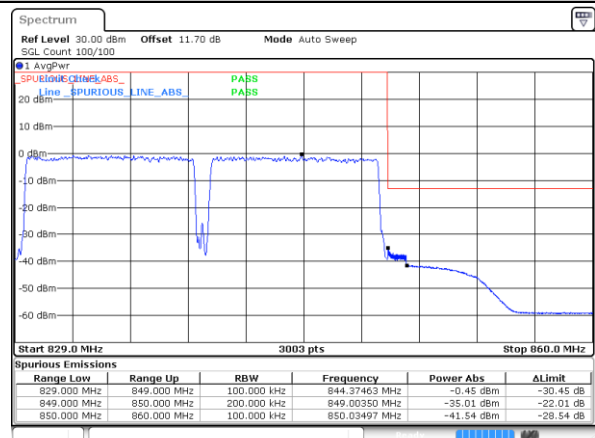
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

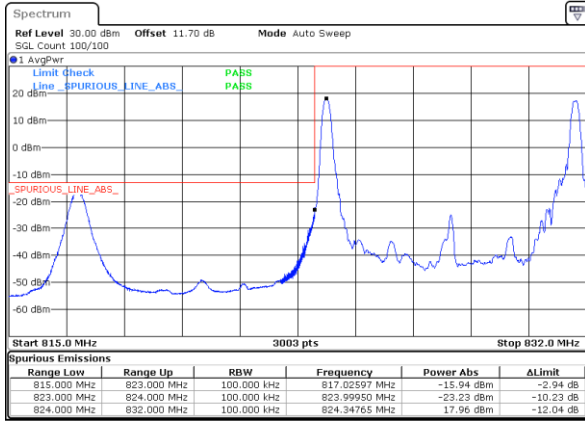




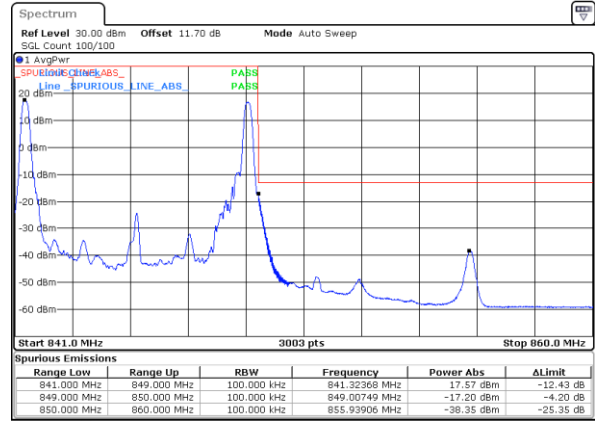
LTE Band 5B / 3MHz+5MHz

64QAM

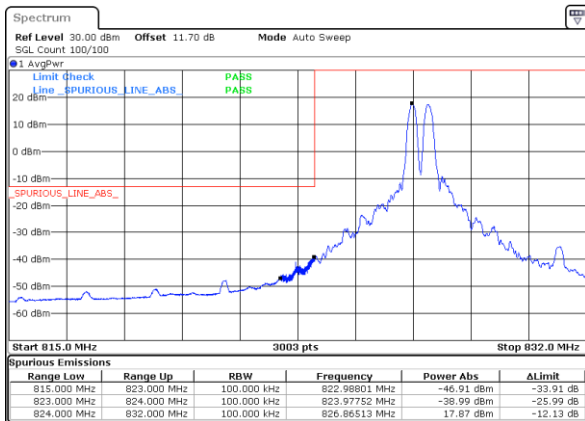
Lowest Band Edge / 1RB0 and 1RB24



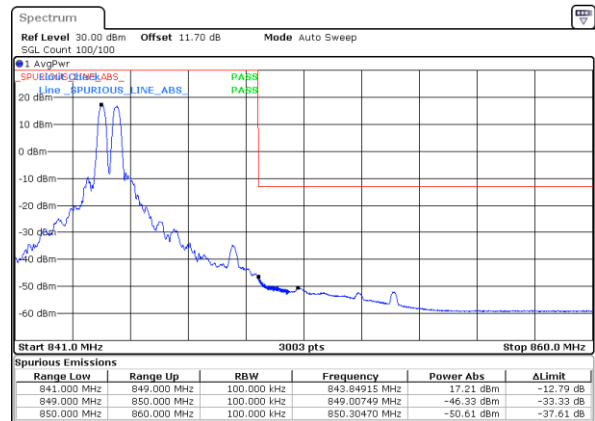
Highest Band Edge / 1RB0 and 1RB24



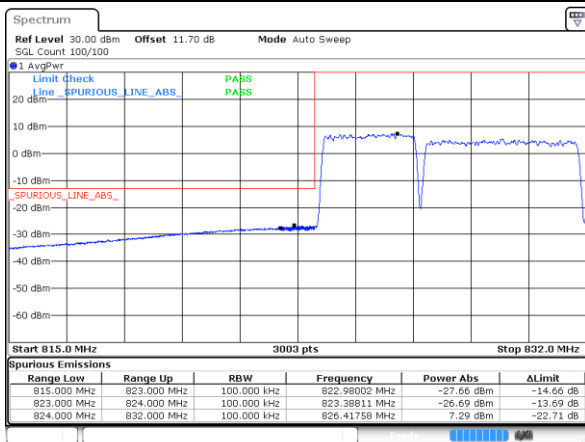
Lowest Band Edge / 1RB14 and 1RB0



Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

