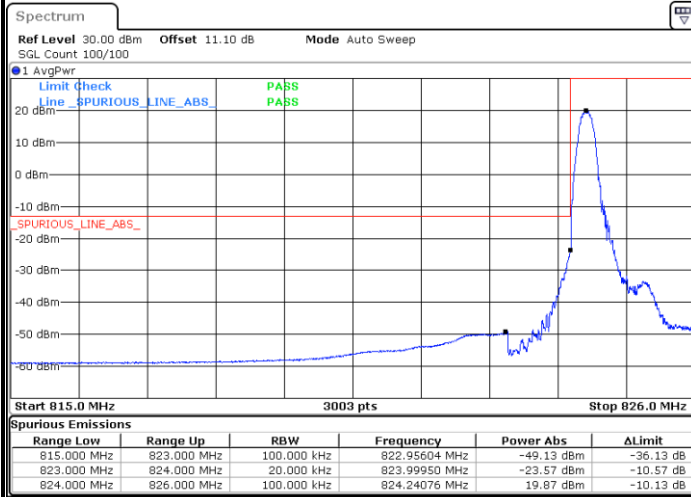


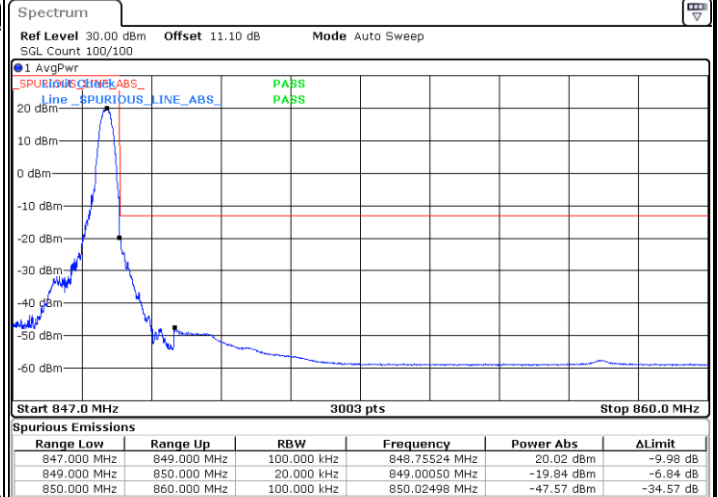


LTE Band 5 / 1.4MHz / 16QAM

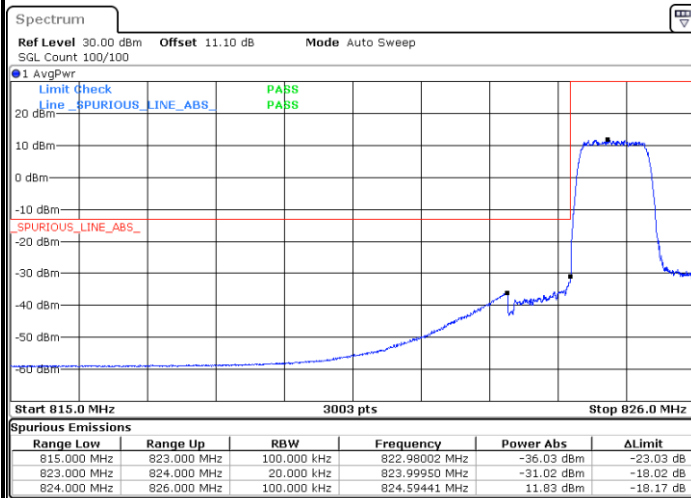
Lowest Band Edge / 1 RB



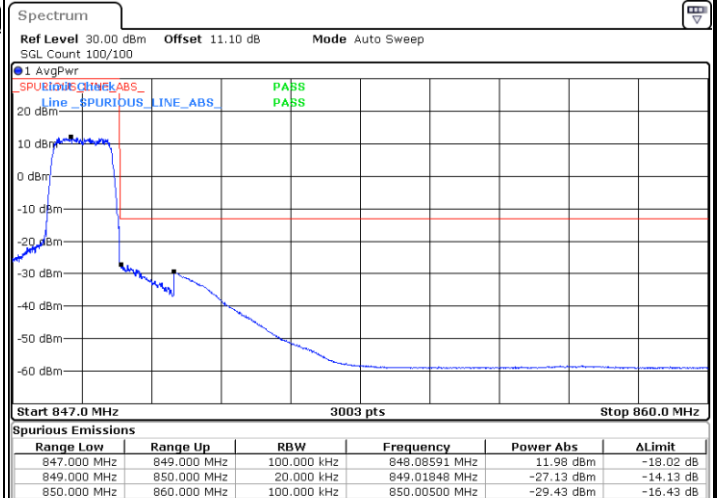
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



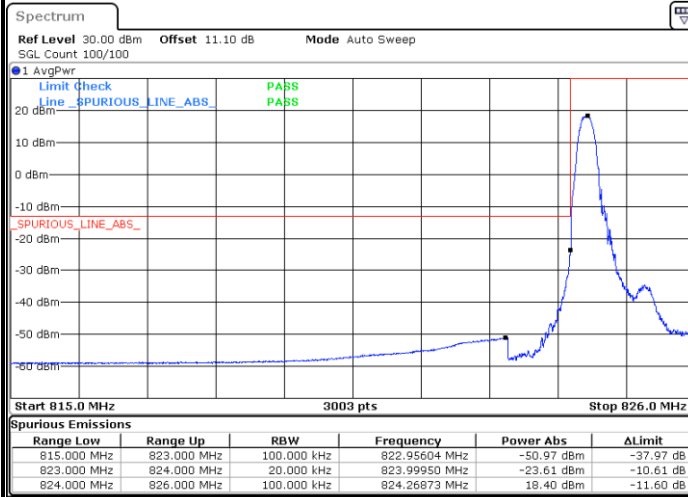
Highest Band Edge / Full RB



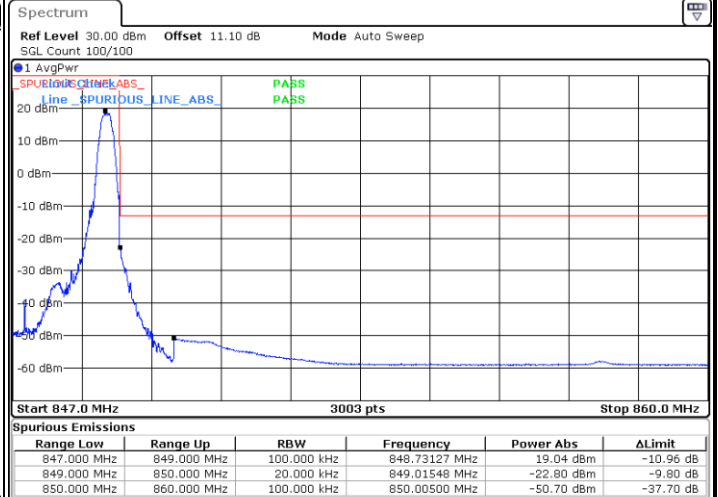


LTE Band 5 / 1.4MHz / 64QAM

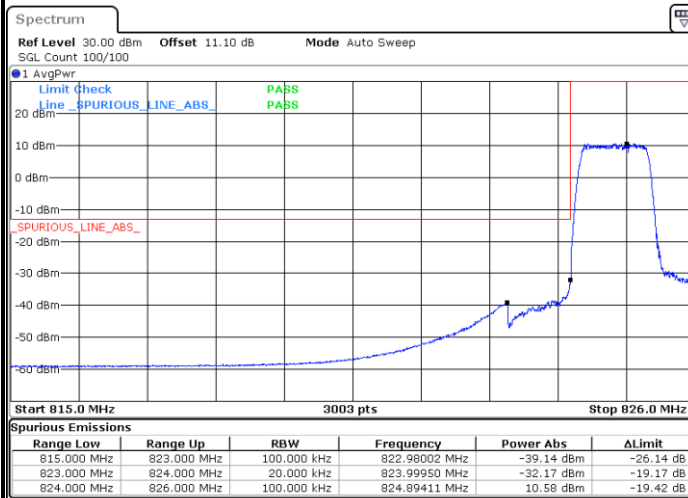
Lowest Band Edge / 1 RB



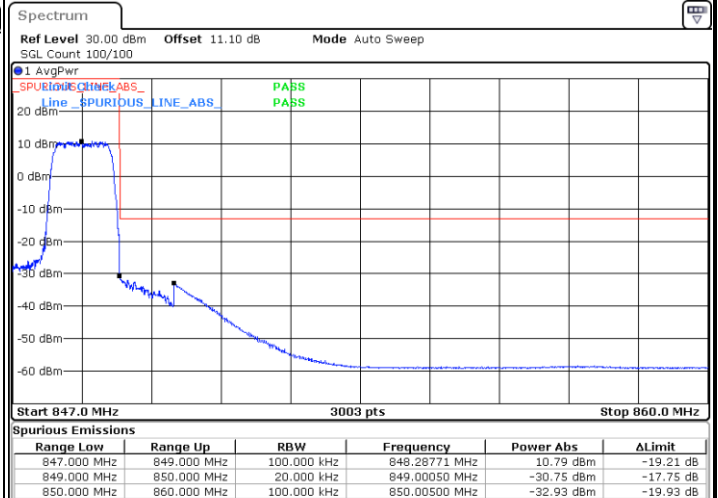
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



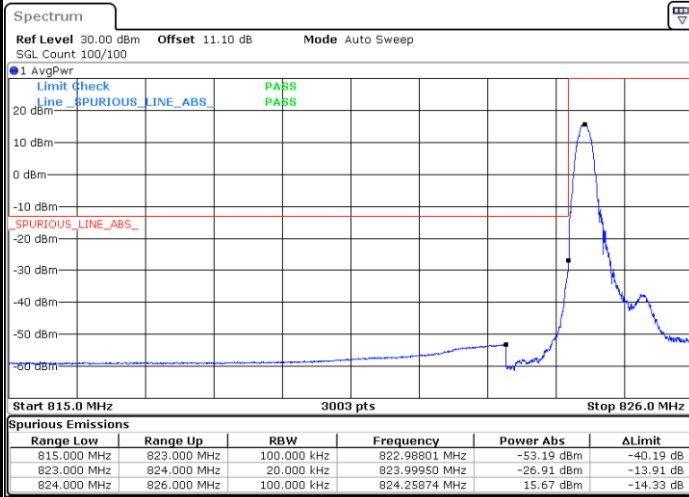
Highest Band Edge / Full RB



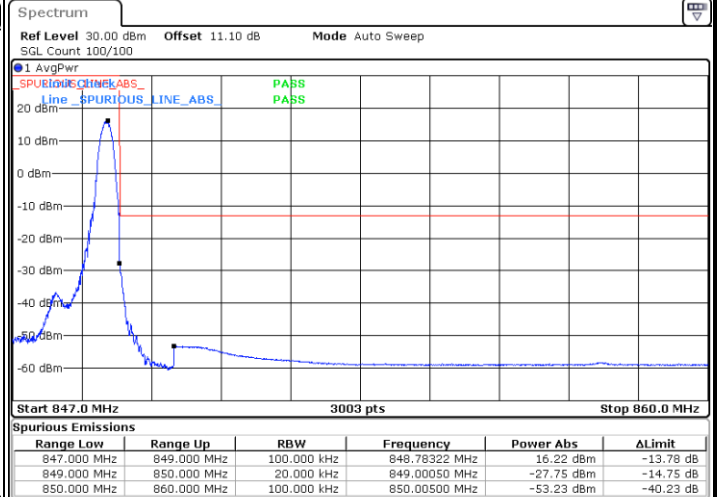


LTE Band 5 / 1.4MHz / 256QAM

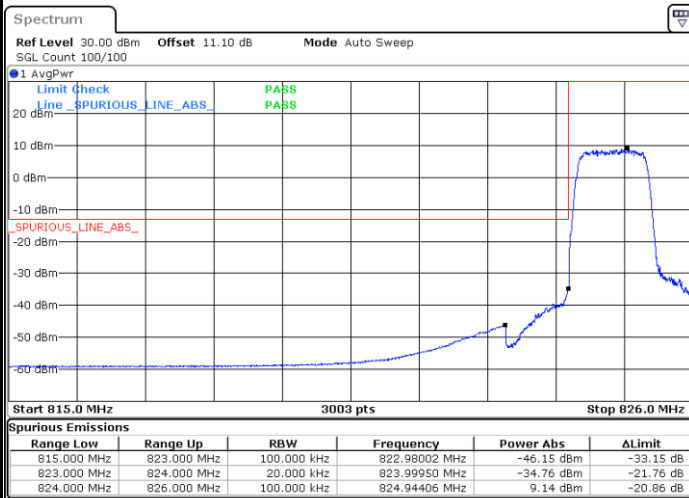
Lowest Band Edge / 1 RB



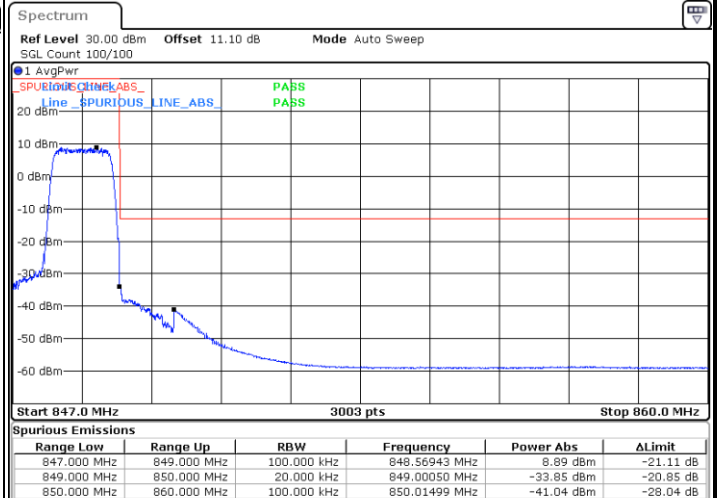
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



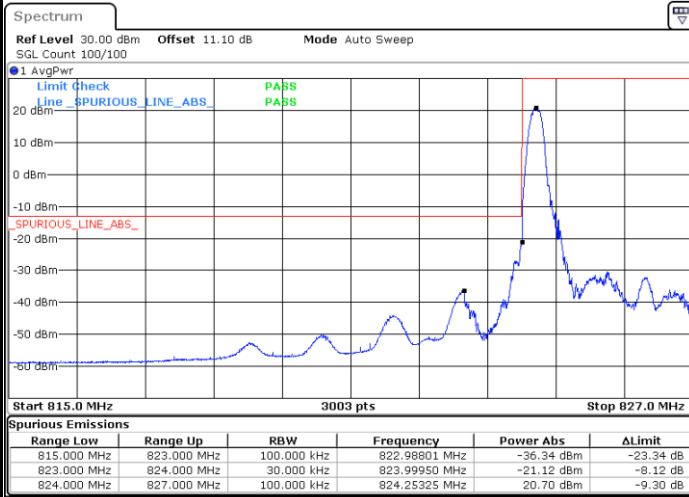
Highest Band Edge / Full RB



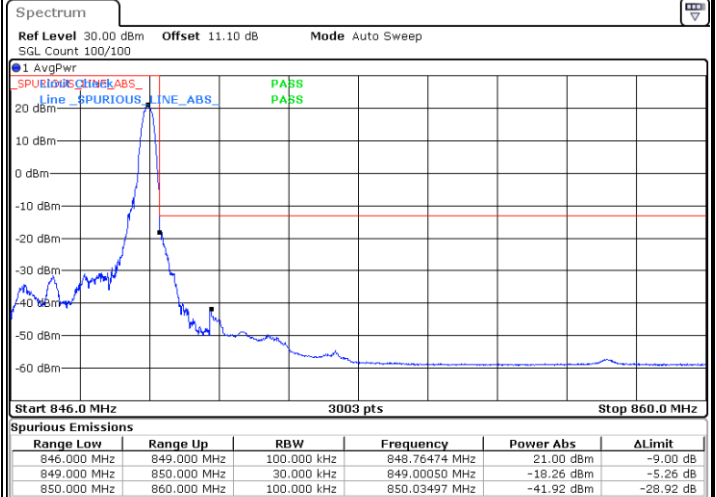


LTE Band 5 / 3MHz / QPSK

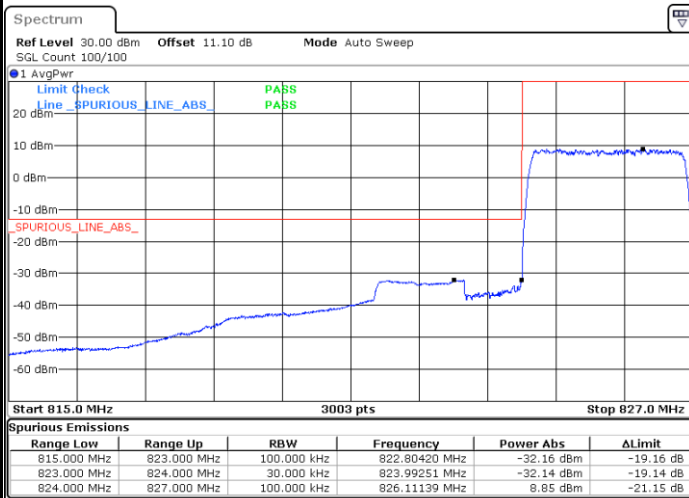
Lowest Band Edge / 1RB



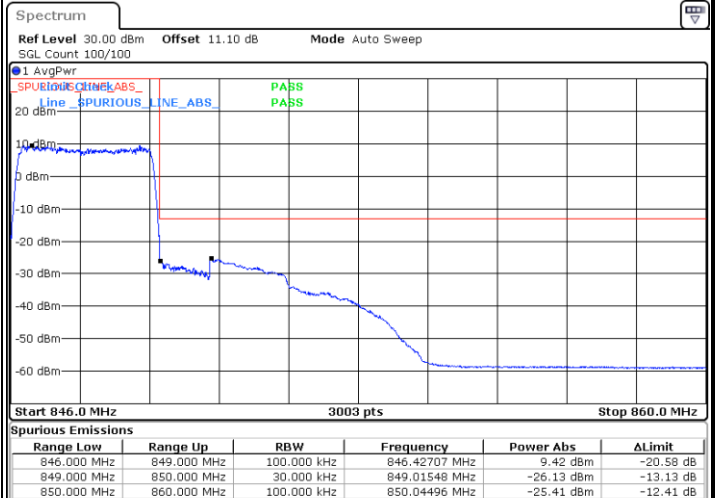
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



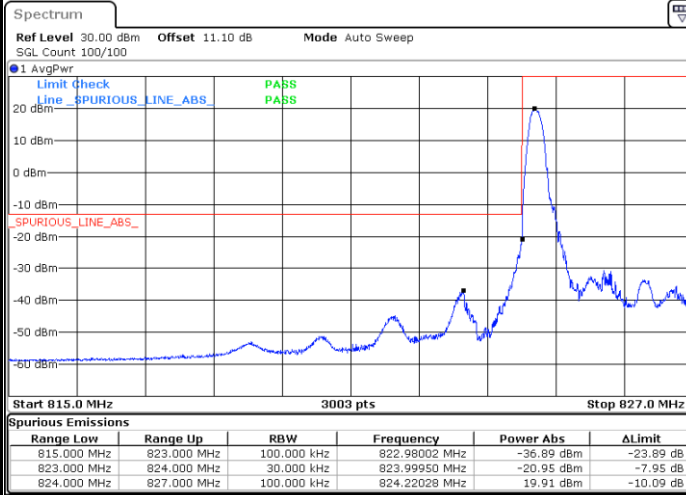
Highest Band Edge / Full RB



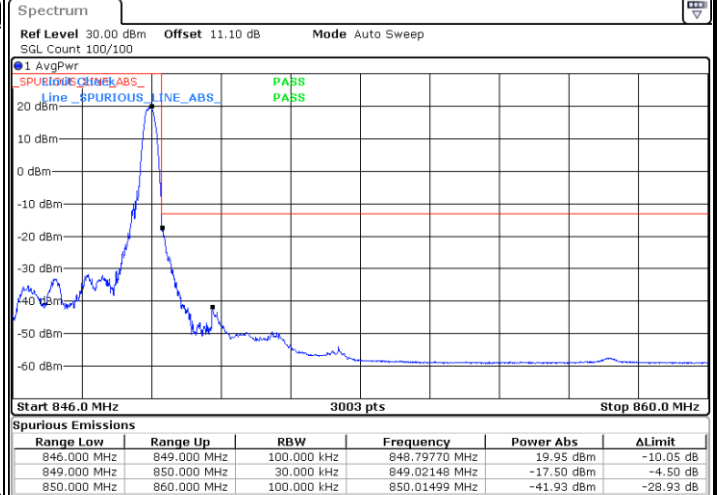


LTE Band 5 / 3MHz / 16QAM

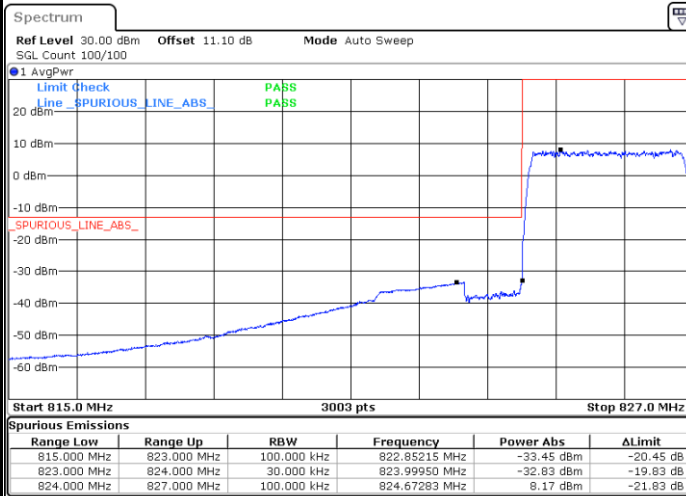
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



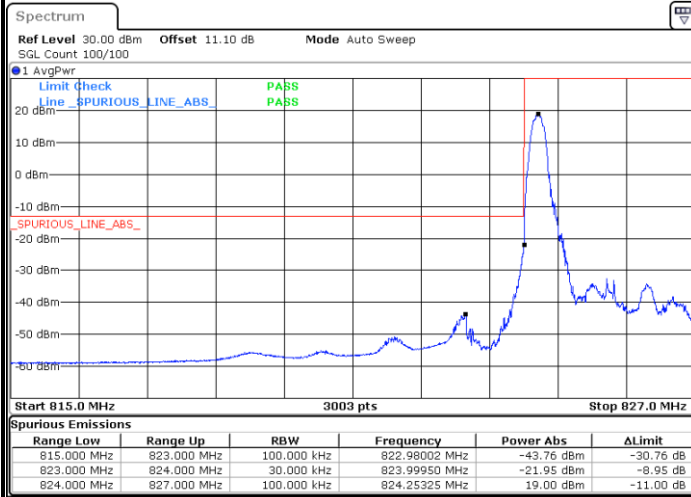
Highest Band Edge / Full RB



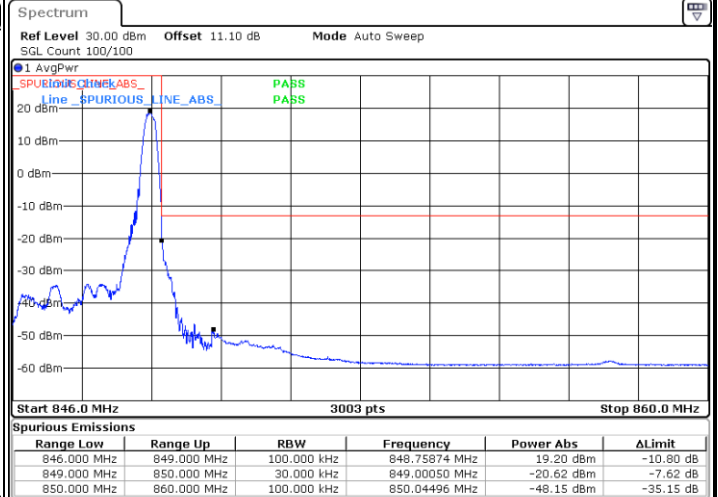


LTE Band 5 / 3MHz / 64QAM

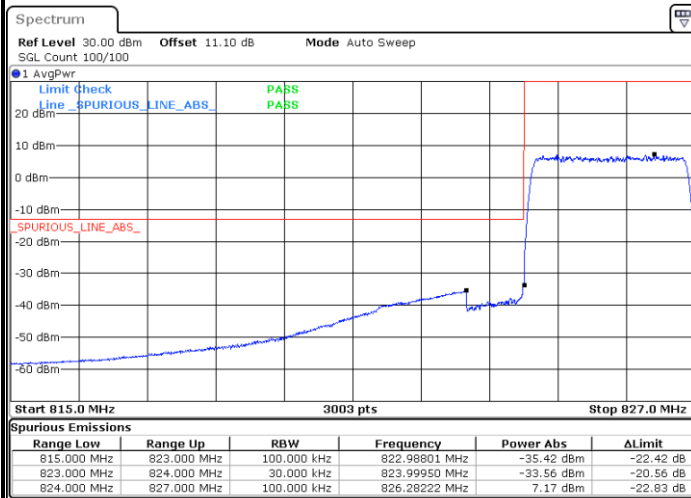
Lowest Band Edge / 1 RB



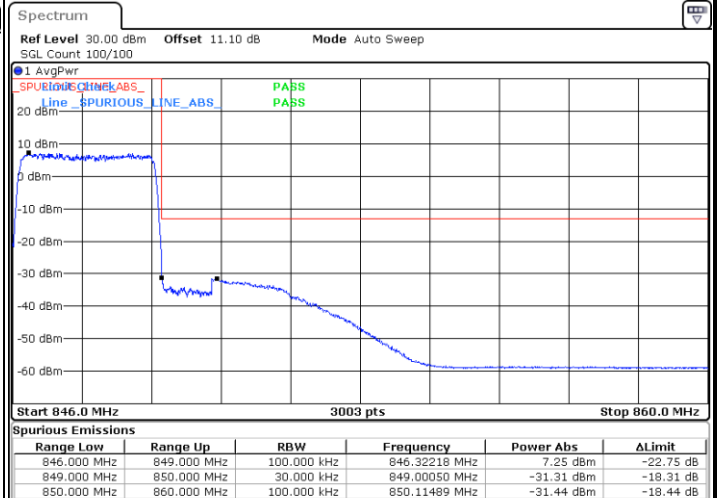
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



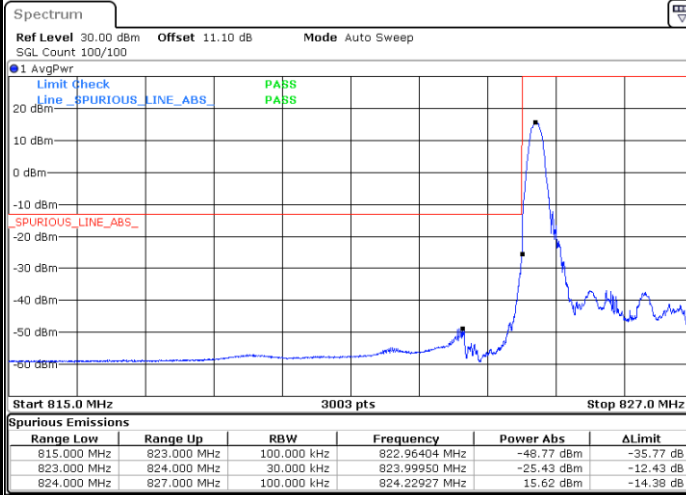
Highest Band Edge / Full RB



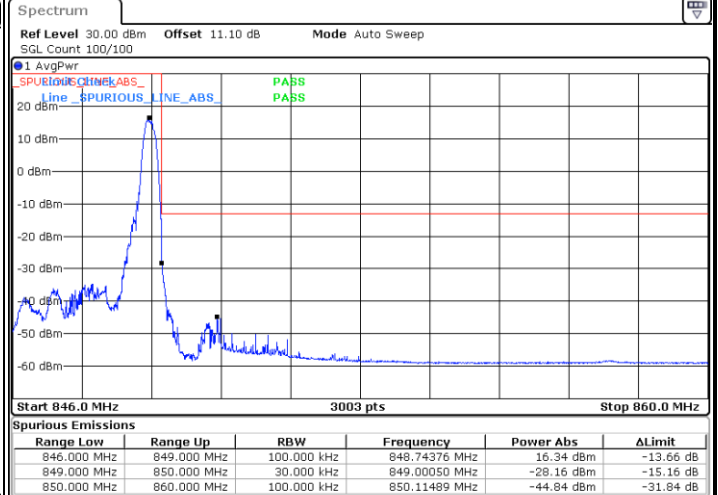


LTE Band 5 / 3MHz / 256QAM

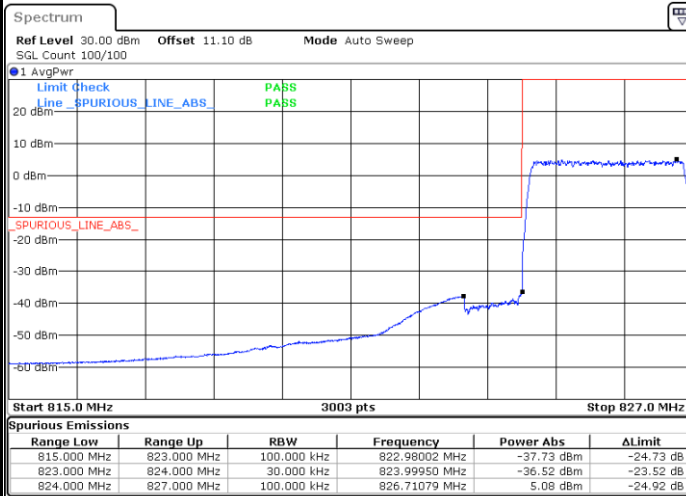
Lowest Band Edge / 1 RB



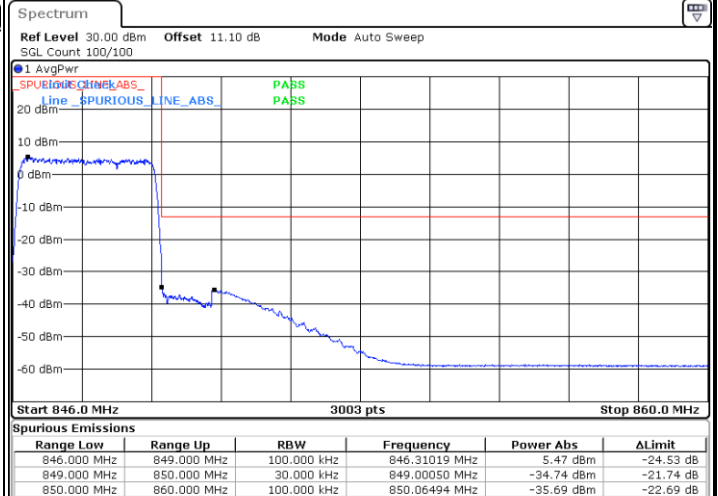
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



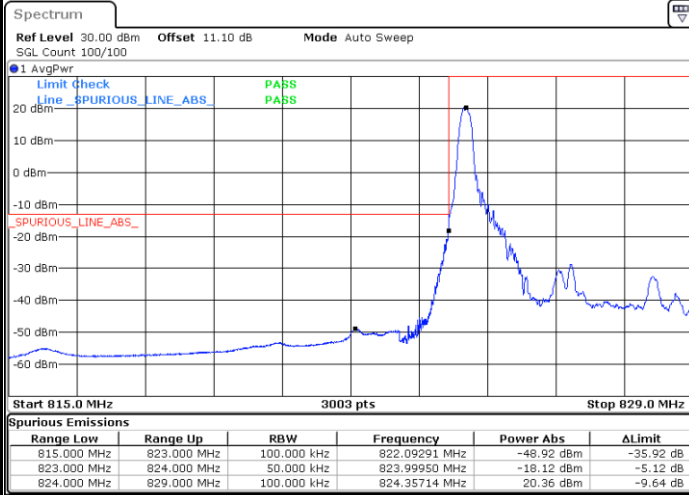
Highest Band Edge / Full RB



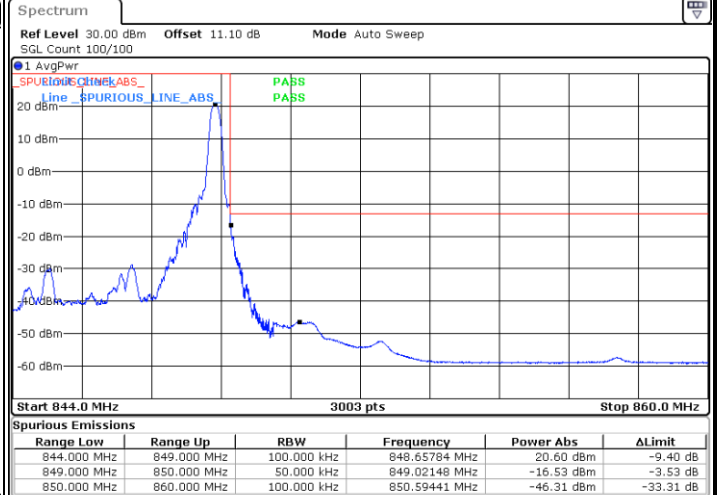


LTE Band 5 / 5MHz / QPSK

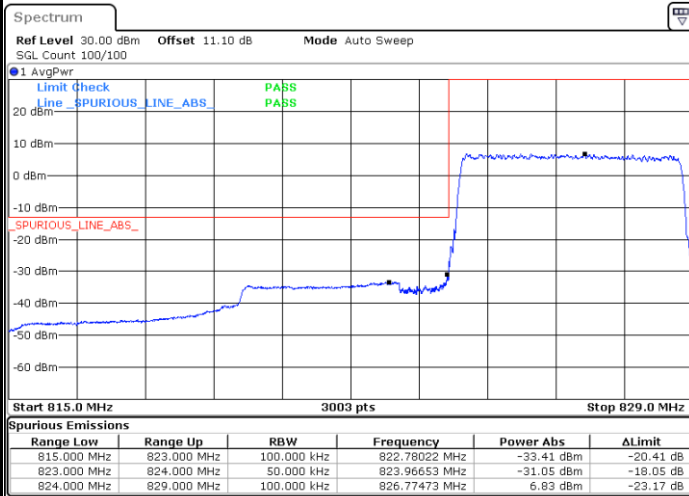
Lowest Band Edge / 1 RB



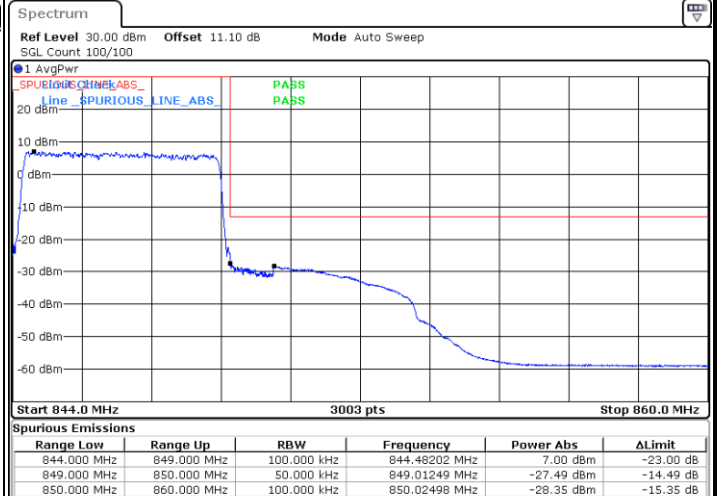
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



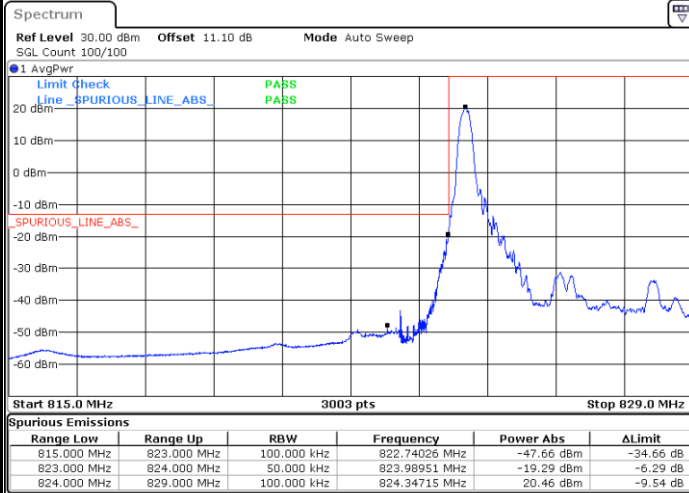
Highest Band Edge / Full RB



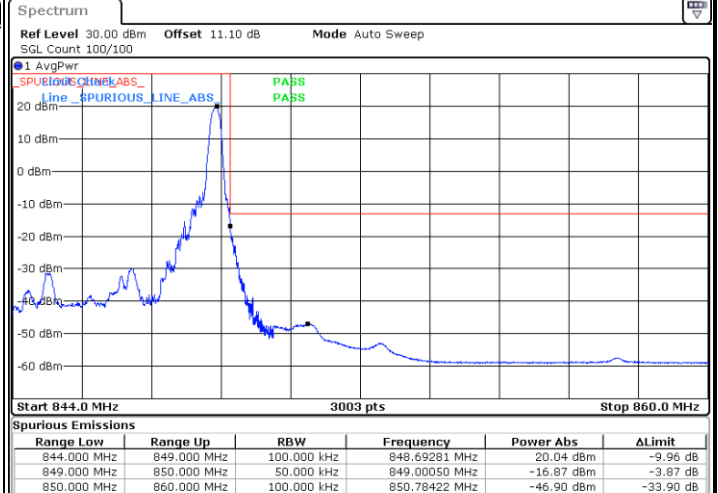


LTE Band 5 / 5MHz / 16QAM

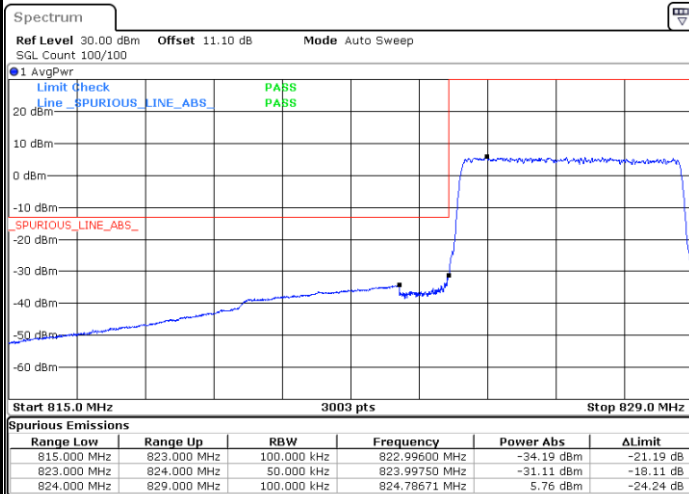
Lowest Band Edge / 1RB



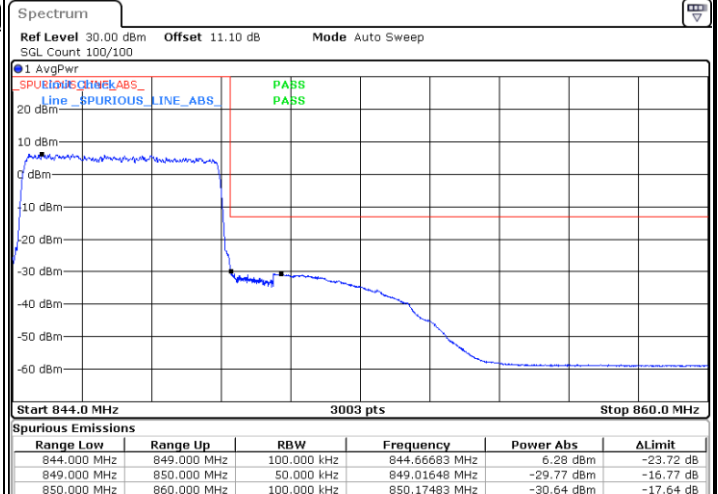
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



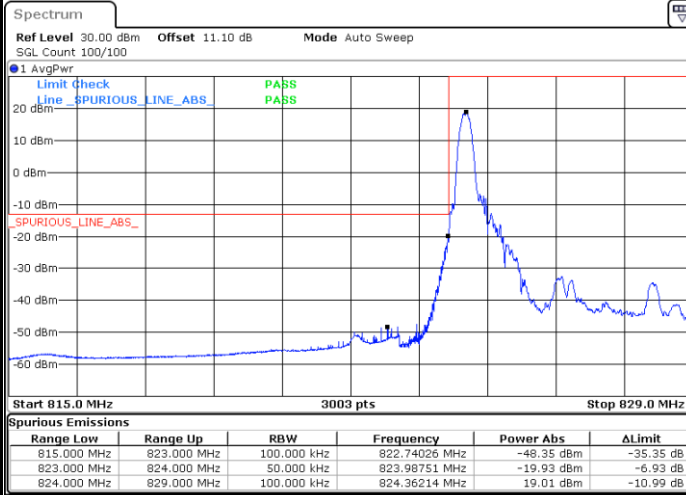
Highest Band Edge / Full RB



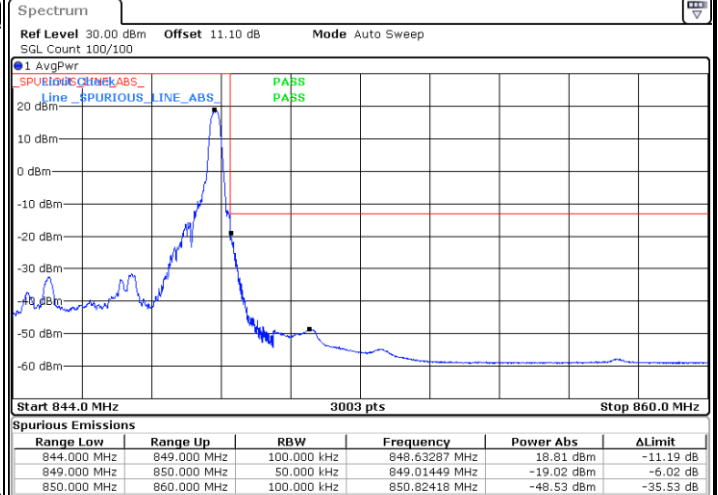


LTE Band 5 / 5MHz / 64QAM

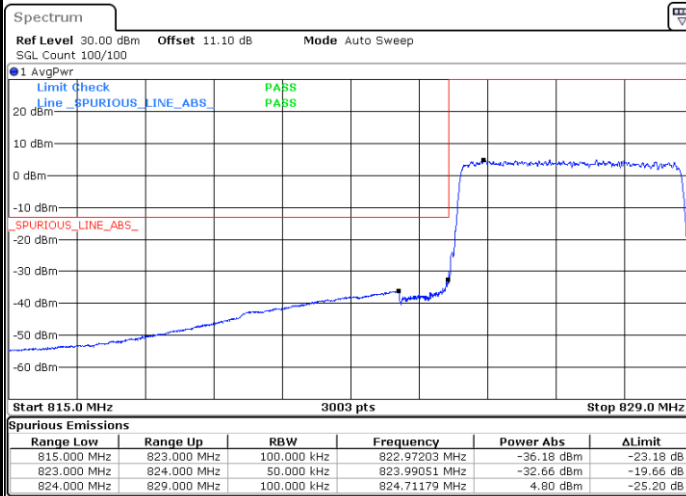
Lowest Band Edge / 1RB



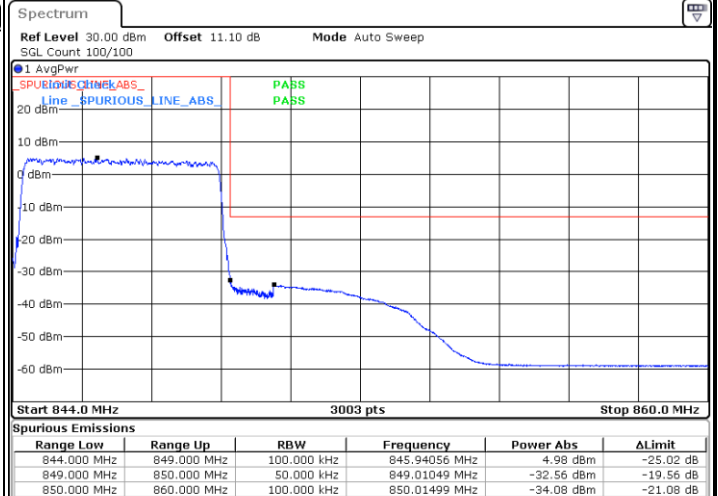
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



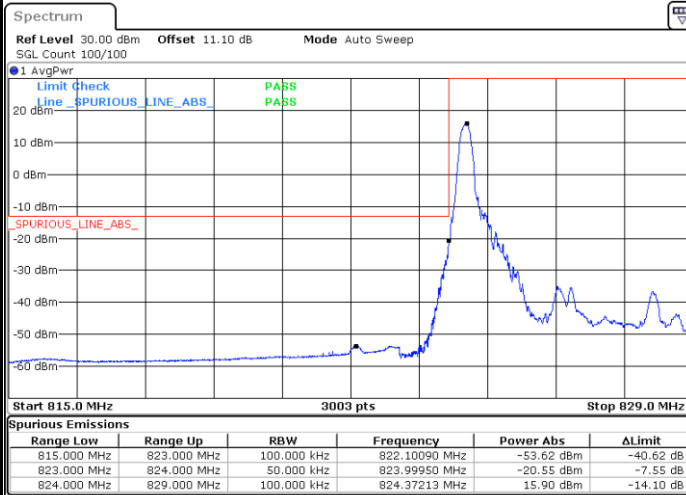
Highest Band Edge / Full RB



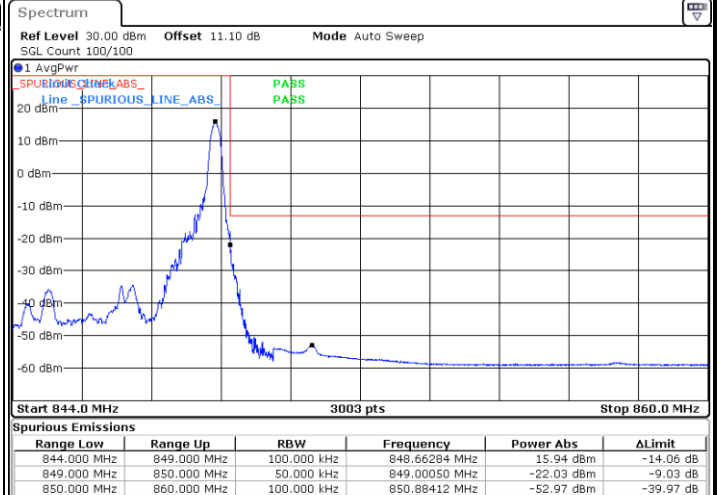


LTE Band 5 / 5MHz / 256QAM

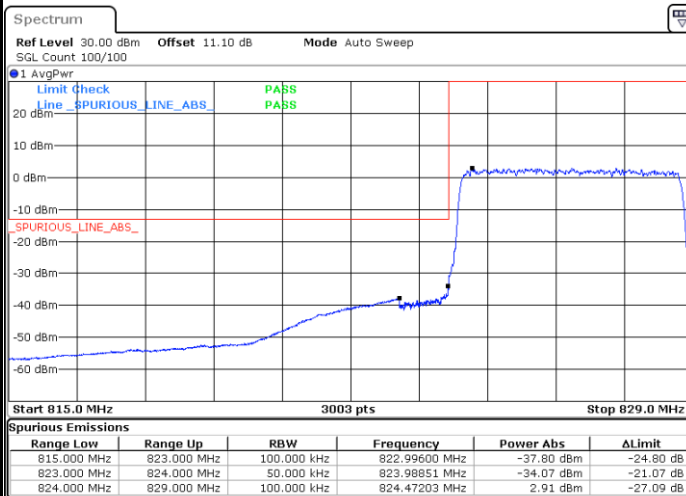
Lowest Band Edge / 1RB



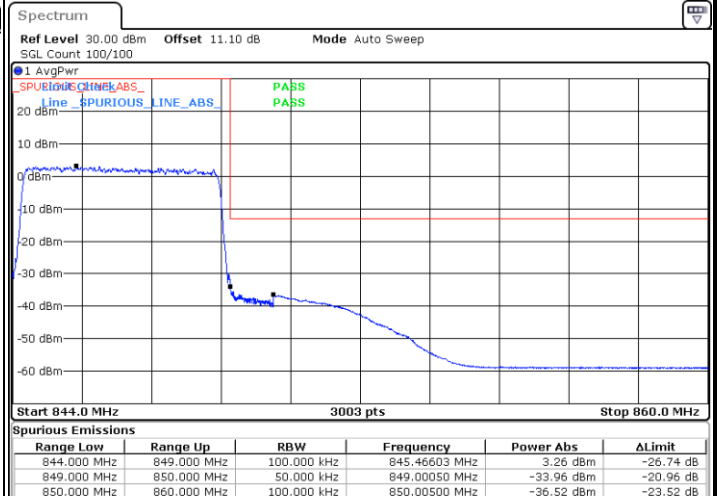
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



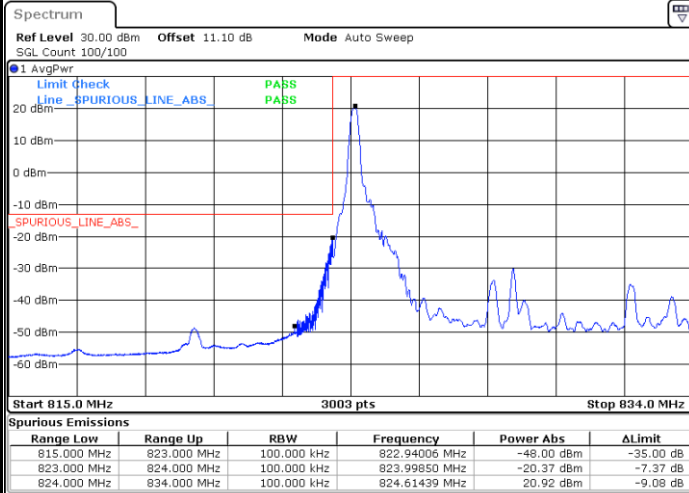
Highest Band Edge / Full RB



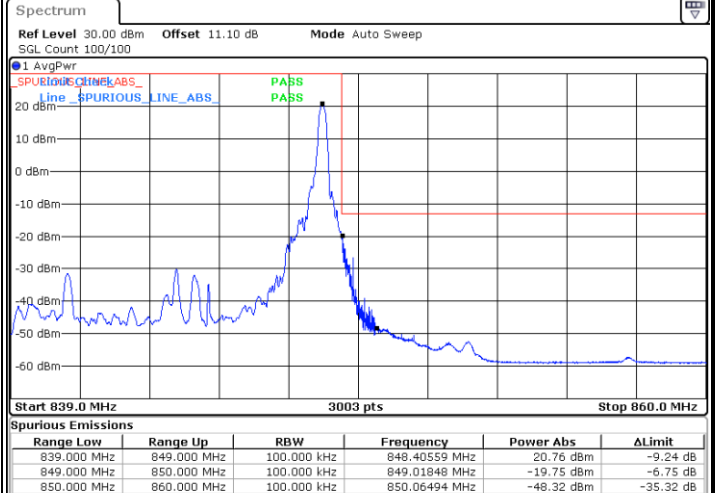


LTE Band 5 / 10MHz / QPSK

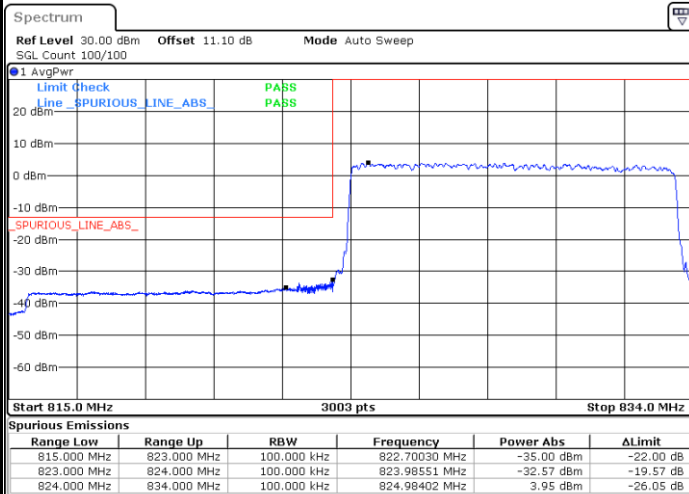
Lowest Band Edge / 1 RB



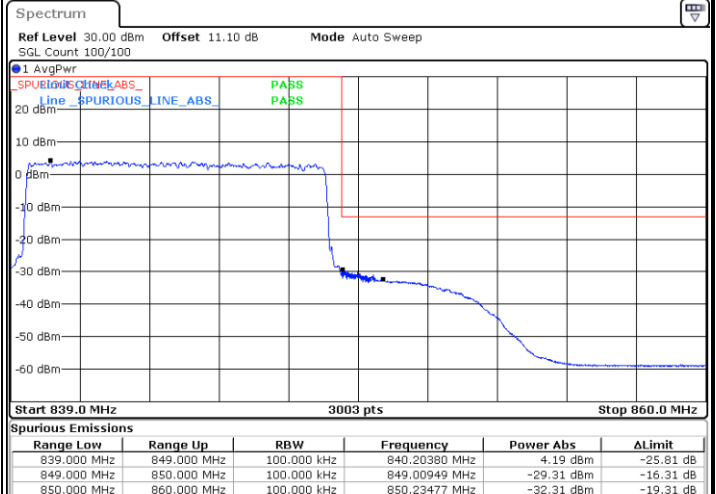
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



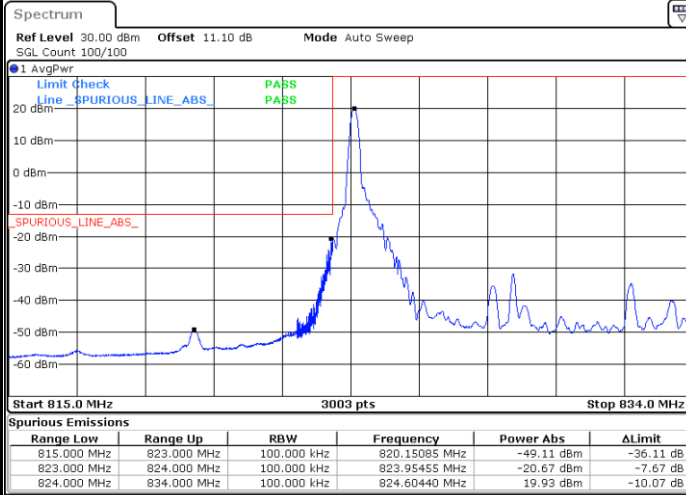
Highest Band Edge / Full RB



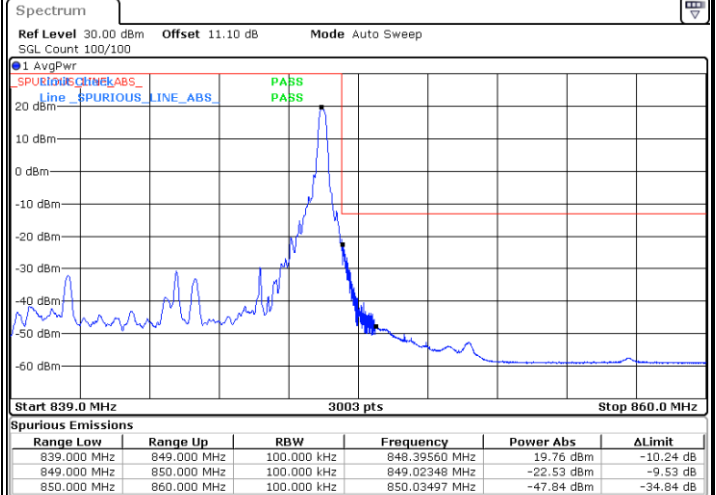


LTE Band 5 / 10MHz / 16QAM

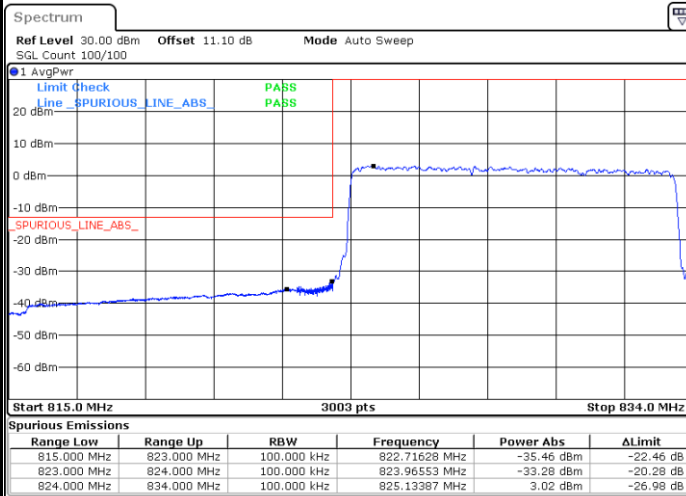
Lowest Band Edge / 1 RB



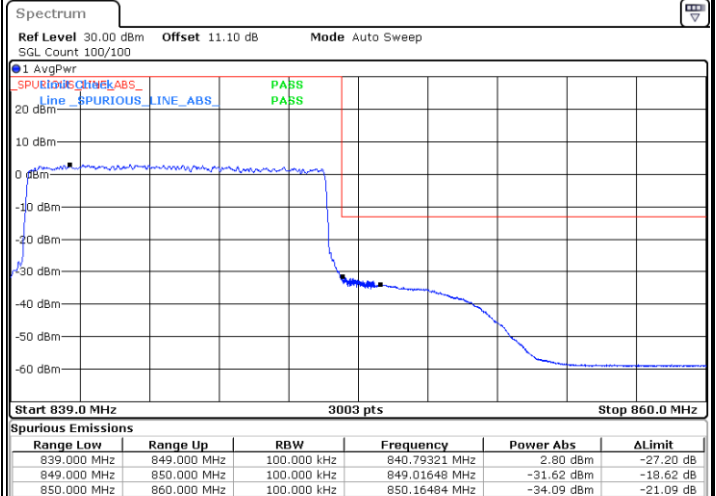
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



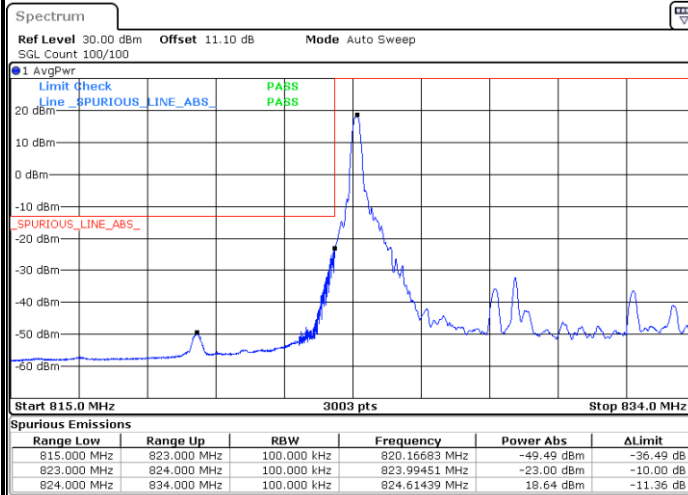
Highest Band Edge / Full RB



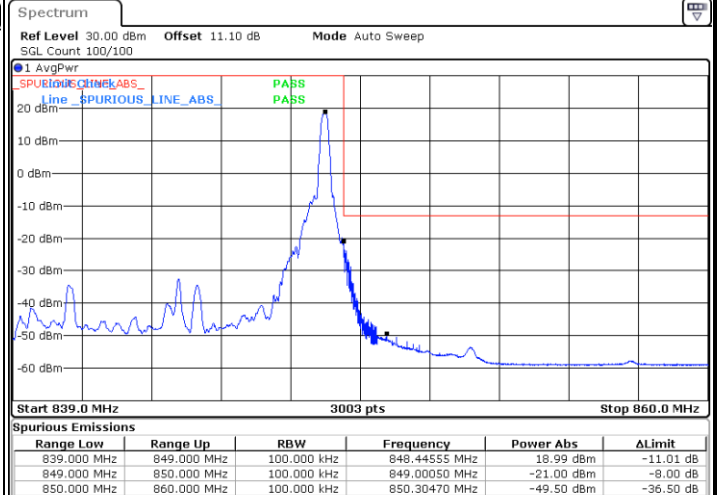


LTE Band 5 / 10MHz / 64QAM

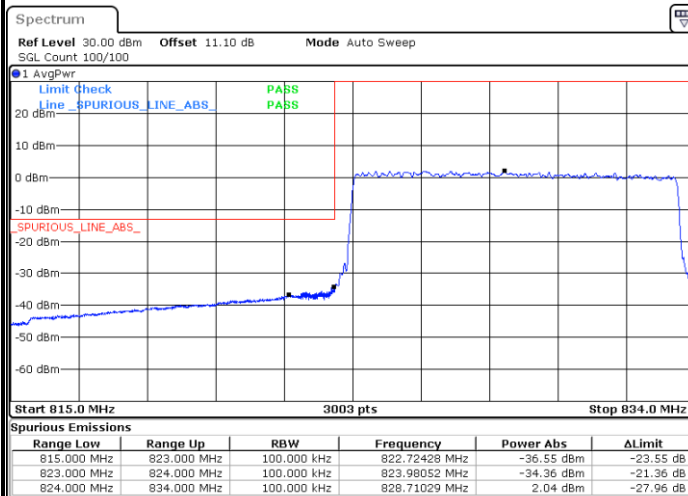
Lowest Band Edge / 1 RB



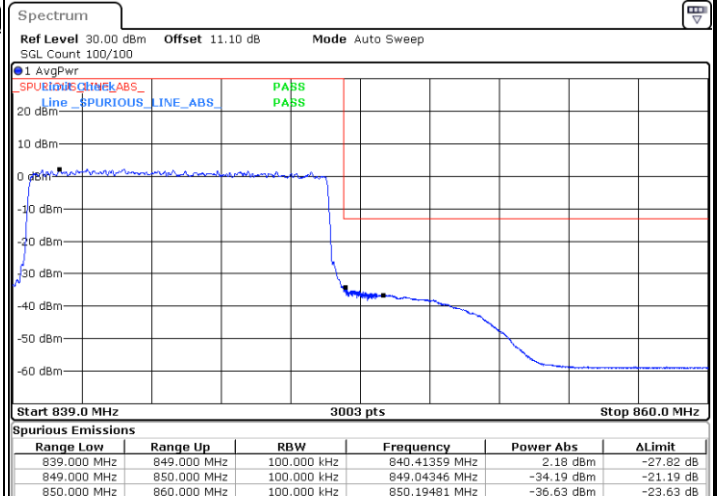
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



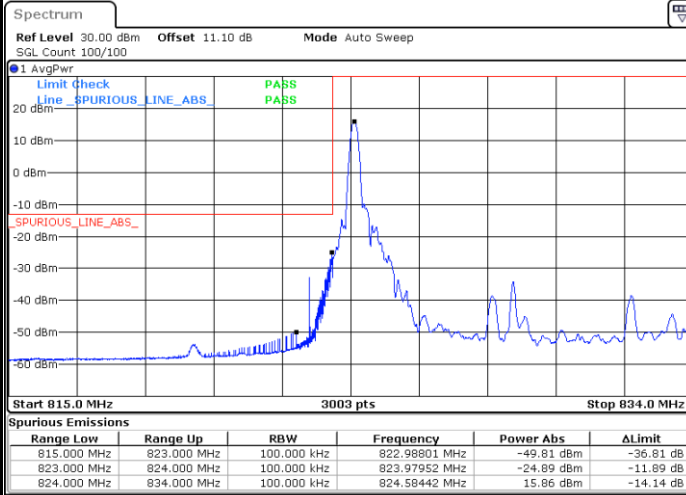
Highest Band Edge / Full RB



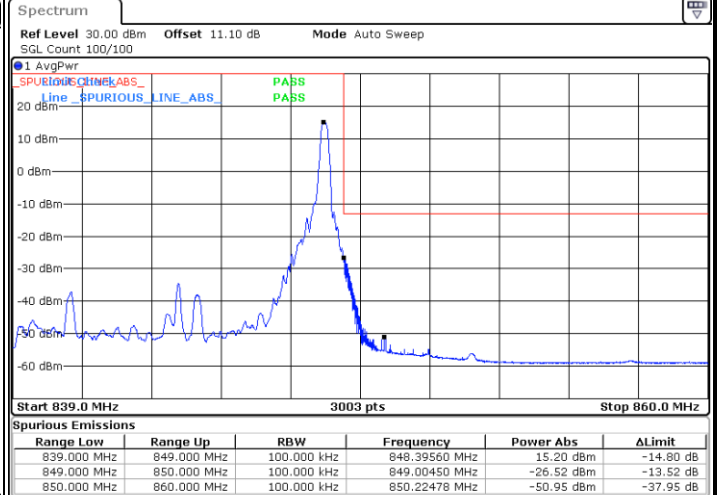


LTE Band 5 / 10MHz / 256QAM

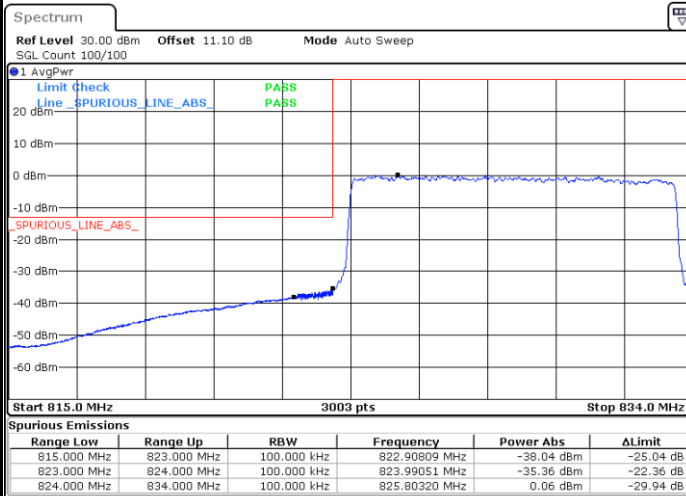
Lowest Band Edge / 1 RB



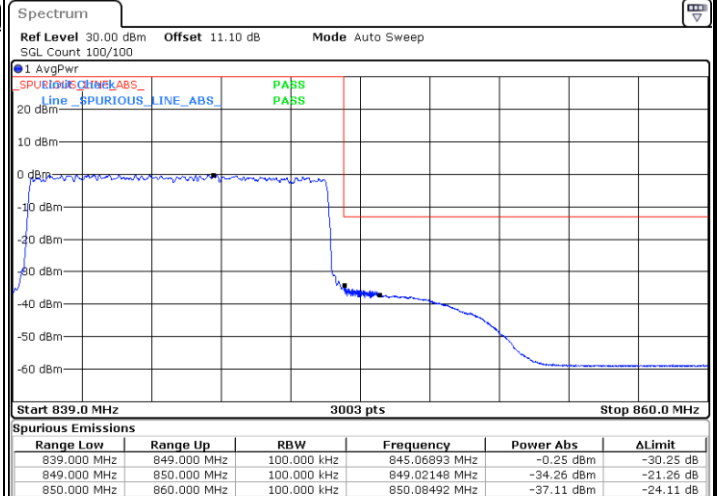
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

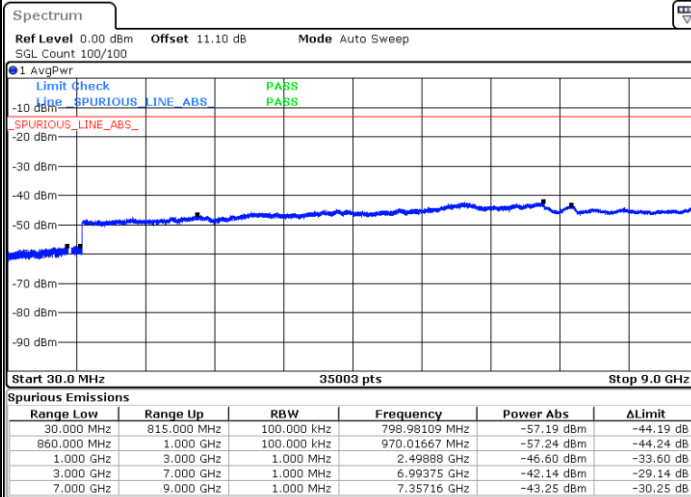




Conducted Spurious Emission

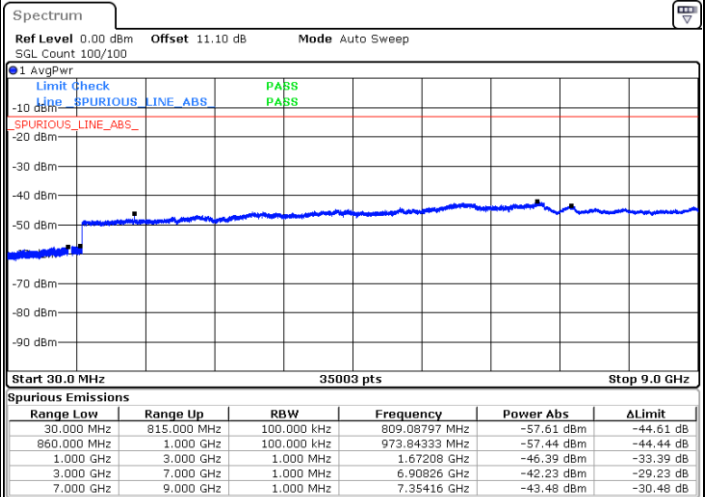
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



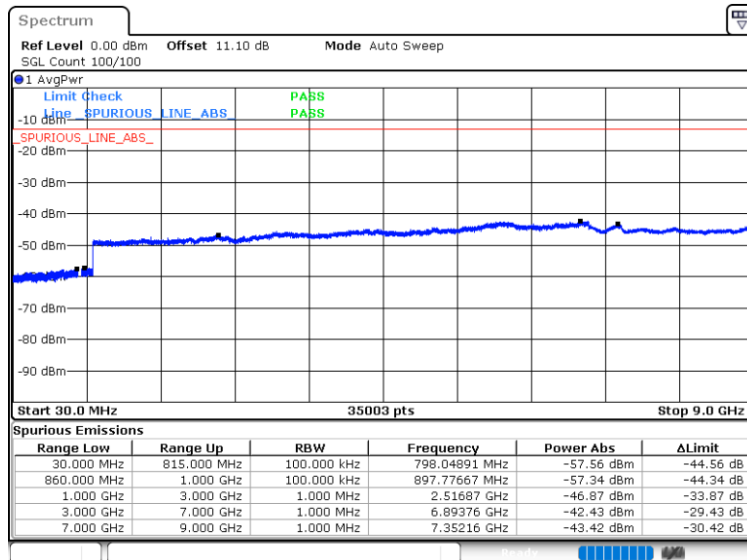
Date: 7.FEB.2022 09:20:35

Middle Channel / QPSK



Date: 7.FEB.2022 09:30:36

Highest Channel / QPSK

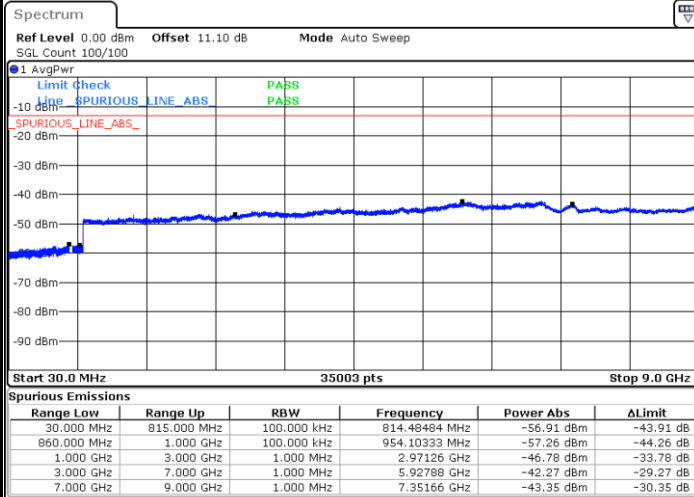


Date: 7.FEB.2022 09:31:46



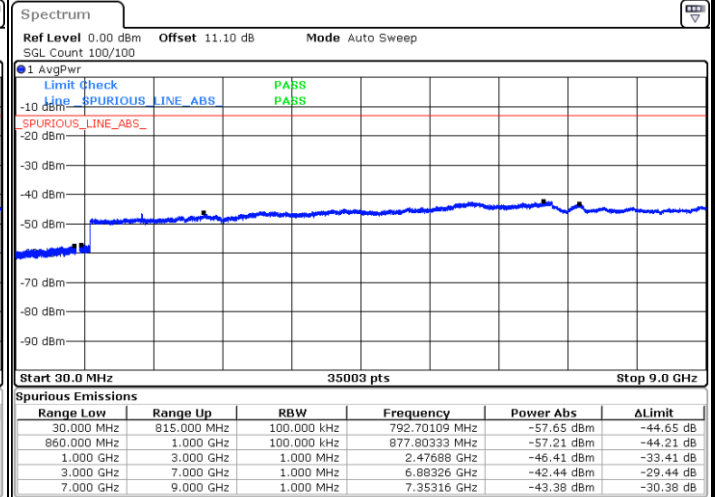
LTE Band 5 / 3MHz

Lowest Channel / QPSK



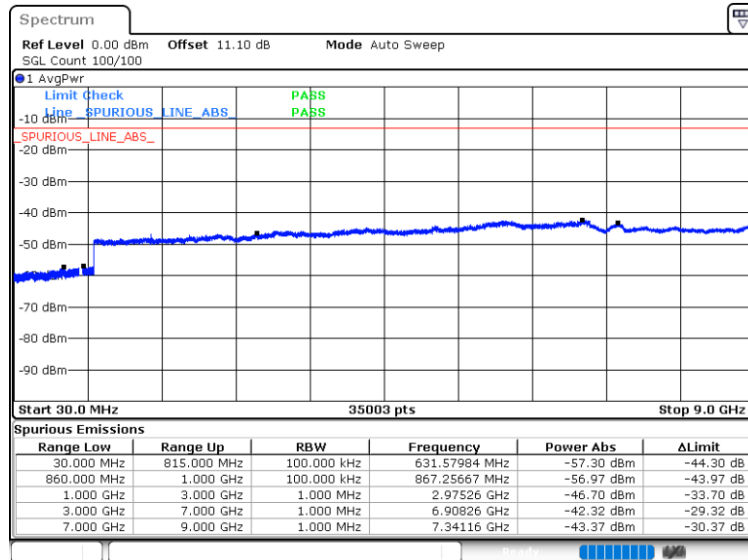
Date: 7.FEB.2022 09:51:11

Middle Channel / QPSK



Date: 7.FEB.2022 10:01:12

Highest Channel / QPSK

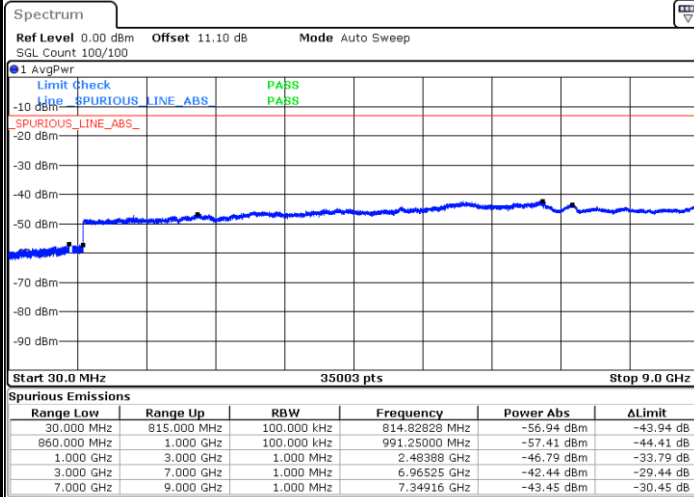


Date: 7.FEB.2022 10:02:22



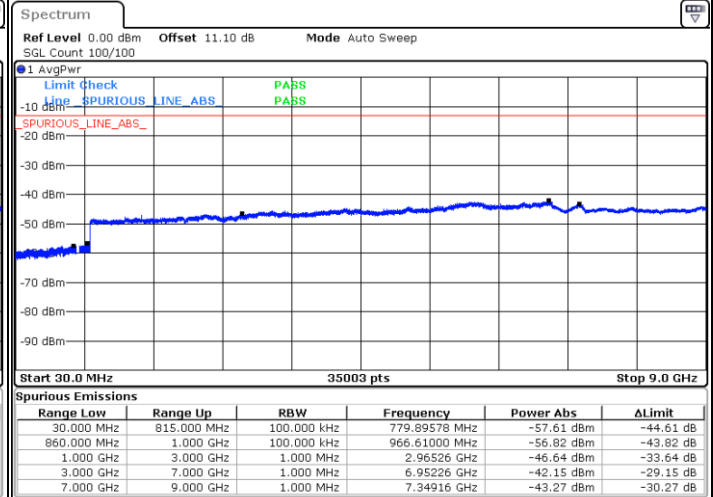
LTE Band 5 / 5MHz

Lowest Channel / QPSK



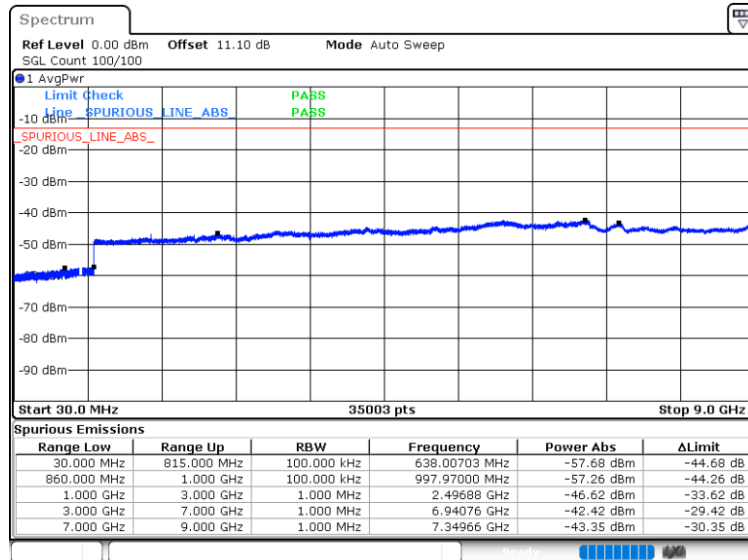
Date: 7.FEB.2022 10:12:44

Middle Channel / QPSK



Date: 7.FEB.2022 10:22:44

Highest Channel / QPSK

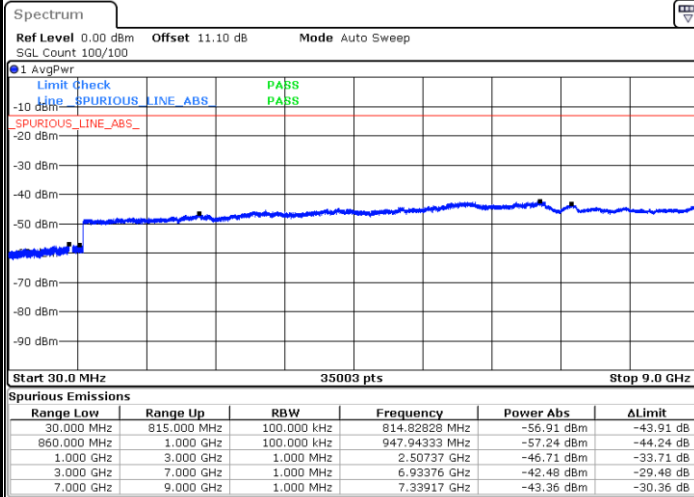


Date: 7.FEB.2022 10:23:54



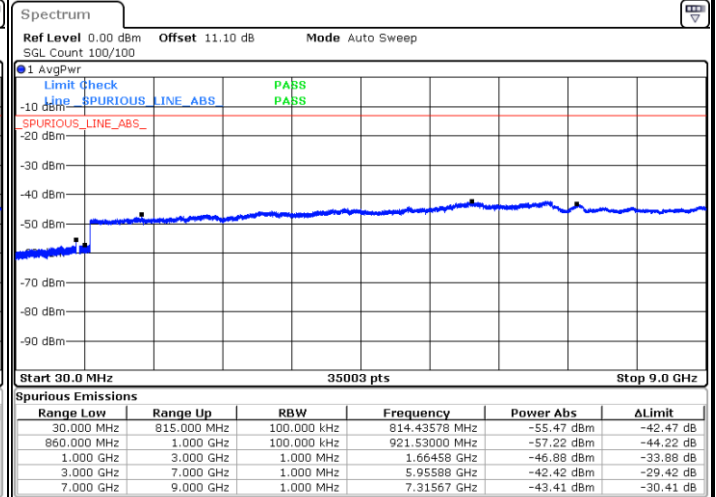
LTE Band 5 / 10MHz

Lowest Channel / QPSK



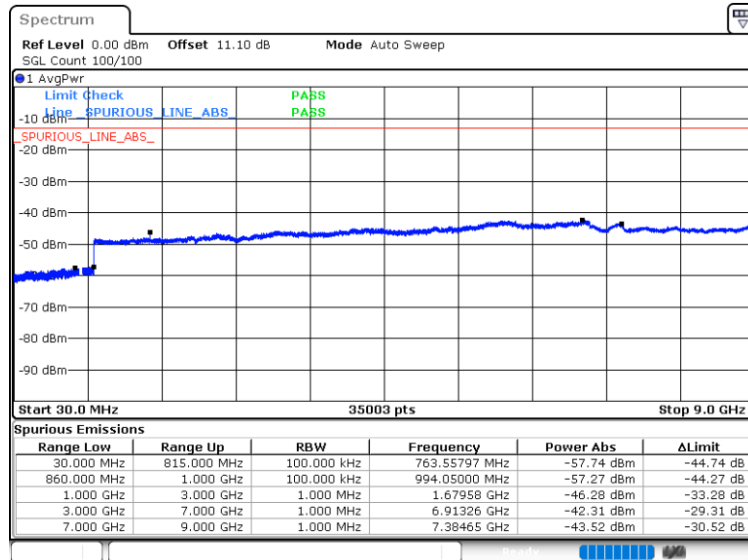
Date: 7.FEB.2022 10:33:27

Middle Channel / QPSK



Date: 7.FEB.2022 10:44:41

Highest Channel / QPSK



Date: 7.FEB.2022 10:45:50

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	0.0087	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0148	
-10	Normal Voltage	0.0056	
-20	Normal Voltage	0.0213	
-30	Normal Voltage	0.0090	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0184	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =4.2 V. ; Battery End Point (BEP) =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	8.12	14.63
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.60	19.98	-

Mode	LTE Band 5B : 26dB BW(MHz)		
	16QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.07	8.20	14.54
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.63	19.74	-

Mode	LTE Band 5B : 26dB BW(MHz)		
	64QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.06	8.14	14.51
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.75	19.78	-

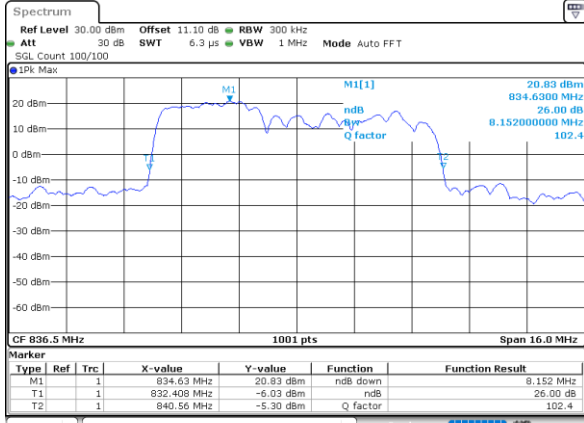
Mode	LTE Band 5B : 26dB BW(MHz)		
	256QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.15	8.17	14.54
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.51	19.82	-



LTE Band 5B

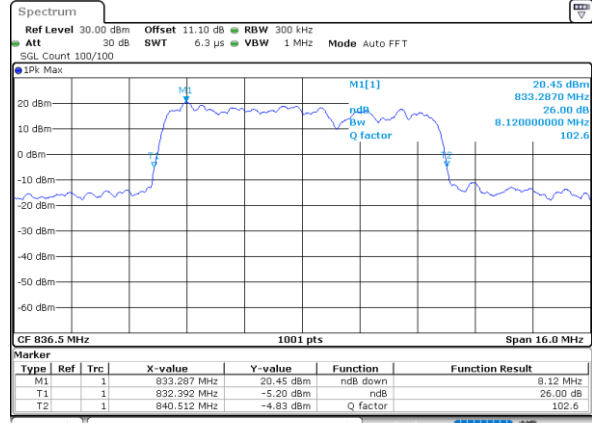
QPSK

Middle Channel / 3MHz+5MHz



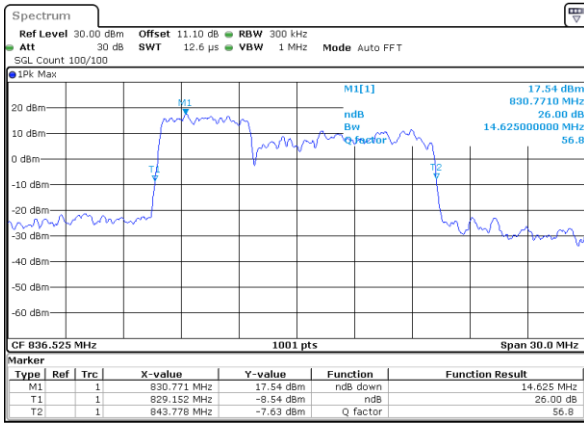
Date: 7.FEB.2022 19:21:34

Middle Channel / 5MHz+3MHz



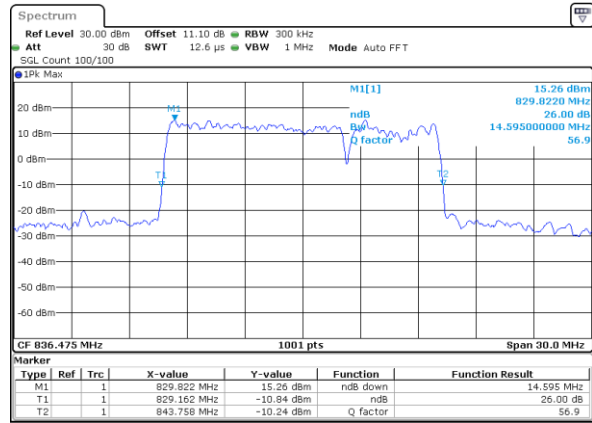
Date: 7.FEB.2022 19:49:08

Middle Channel / 5MHz+10MHz



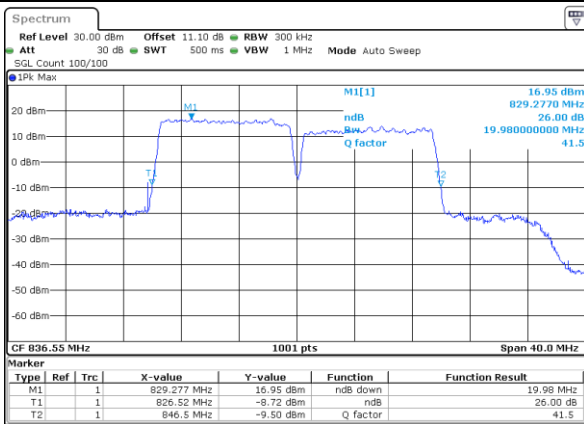
Date: 7.FEB.2022 20:19:47

Middle Channel / 10MHz+5MHz



Date: 7.FEB.2022 20:48:13

Middle Channel / 10MHz+10MHz



Date: 7.FEB.2022 21:26:57

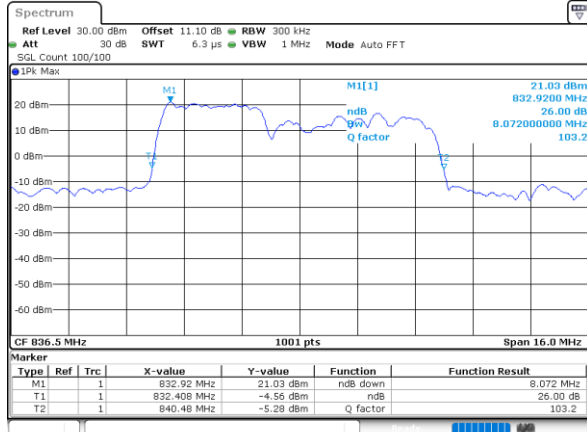
N/A



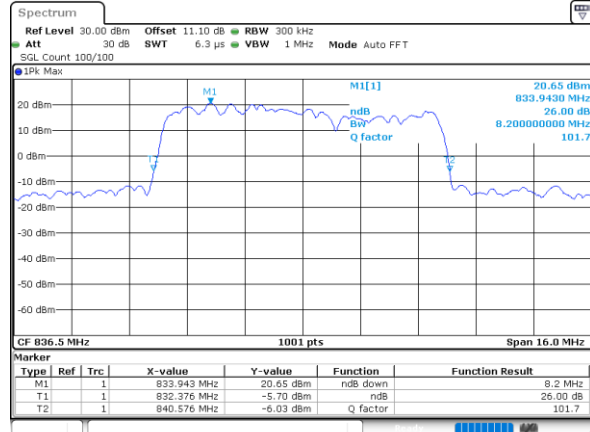
LTE Band 5B

16QAM

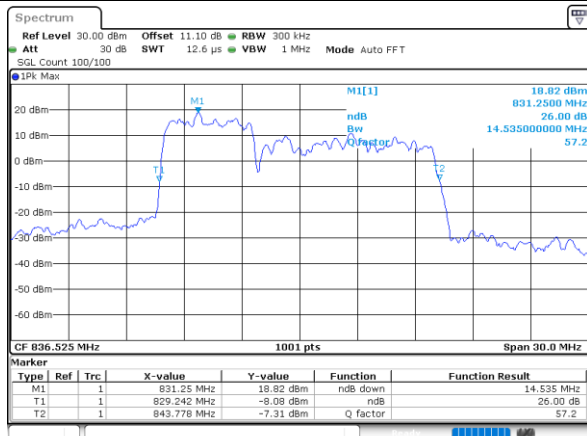
Middle Channel / 3MHz+5MHz



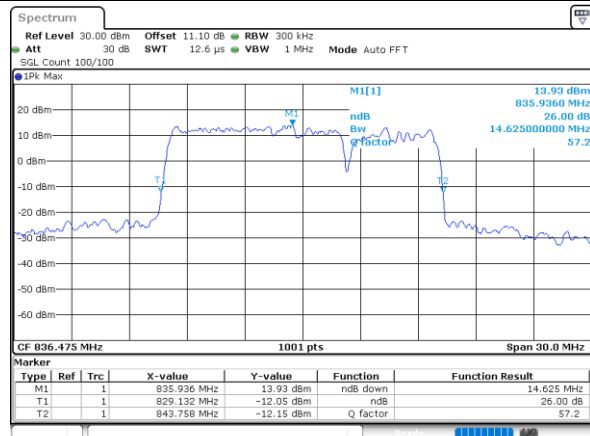
Middle Channel / 5MHz+3MHz



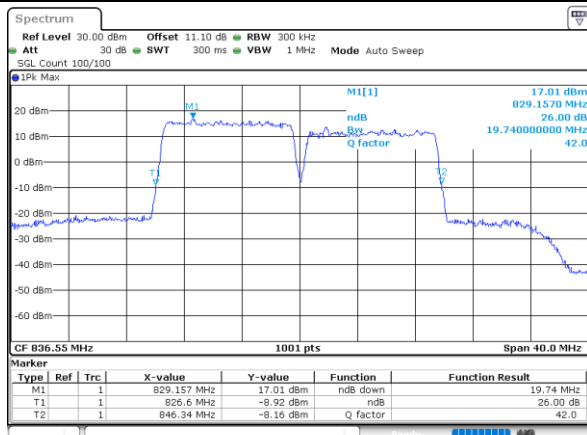
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



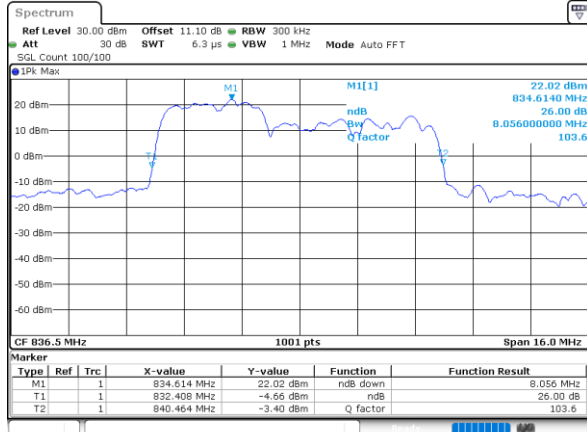
N/A



LTE Band 5B

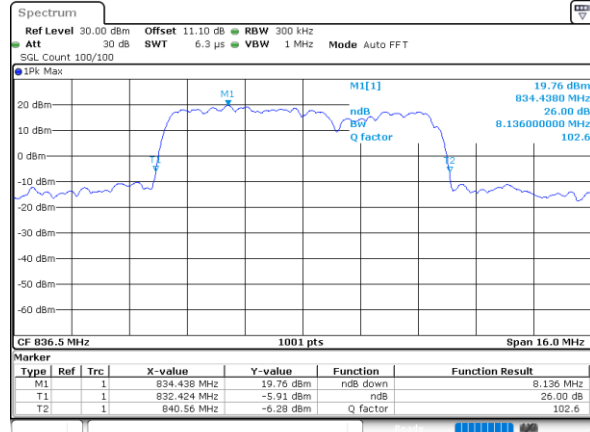
64QAM

Middle Channel / 3MHz+5MHz



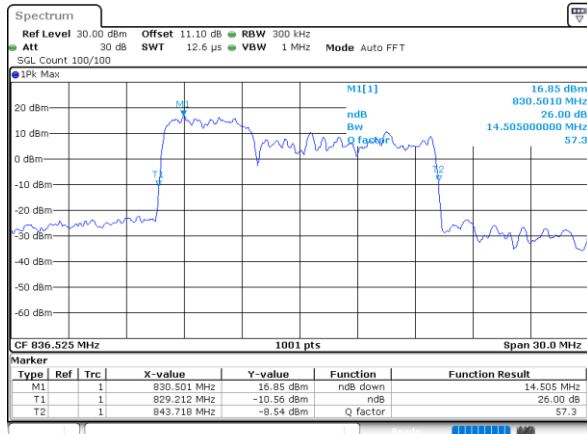
Date: 7.FEB.2022 19:20:19

Middle Channel / 5MHz+3MHz



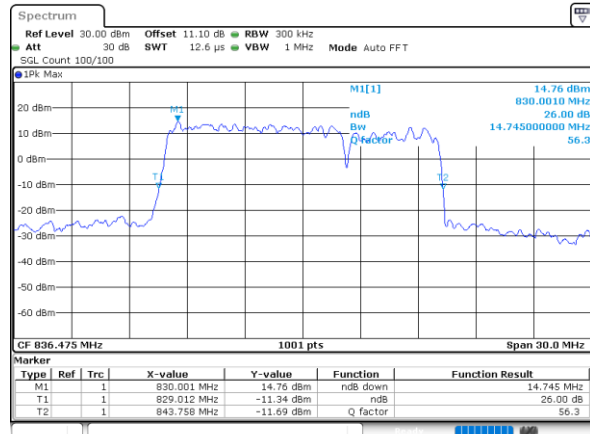
Date: 7.FEB.2022 19:48:13

Middle Channel / 5MHz+10MHz



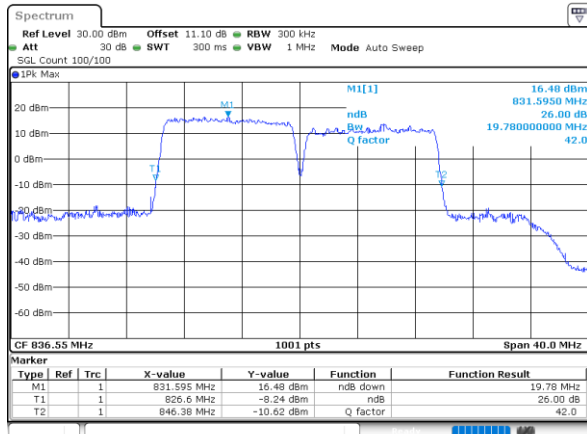
Date: 7.FEB.2022 20:18:52

Middle Channel / 10MHz+5MHz



Date: 7.FEB.2022 20:47:19

Middle Channel / 10MHz+10MHz



Date: 7.FEB.2022 21:32:21

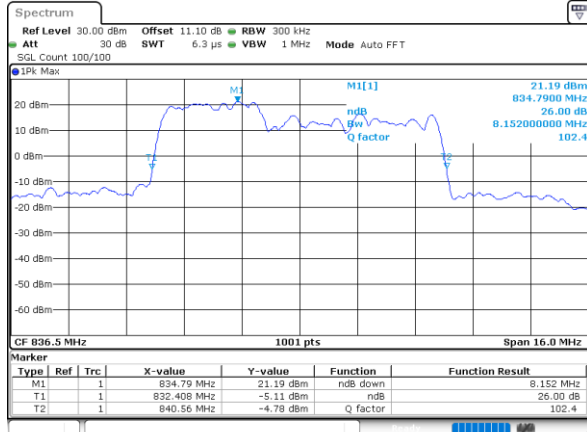
N/A



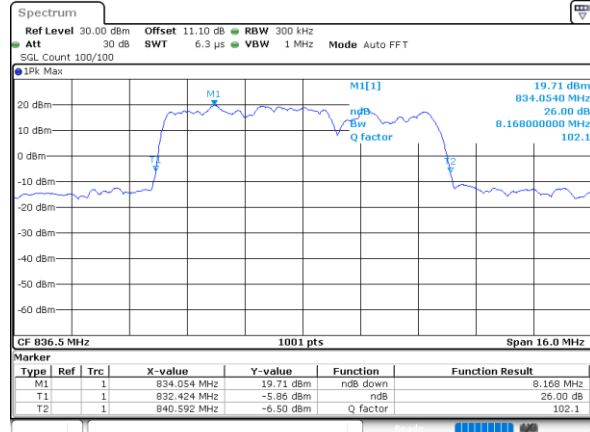
LTE Band 5B

256QAM

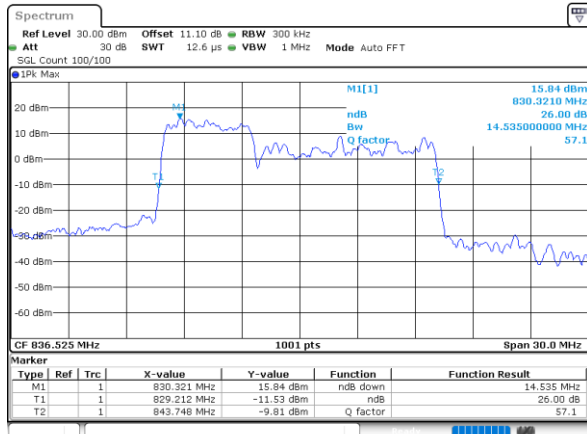
Middle Channel / 3MHz+5MHz



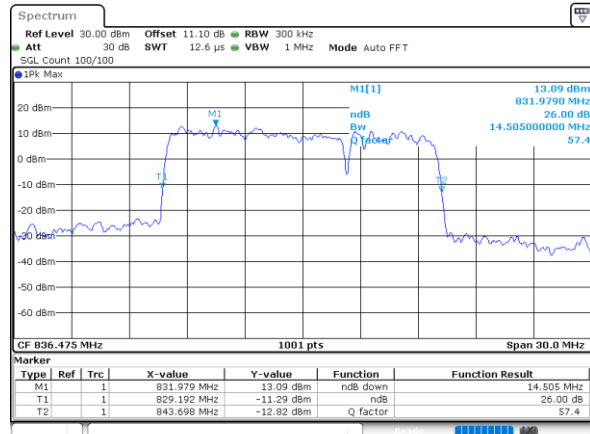
Middle Channel / 5MHz+3MHz



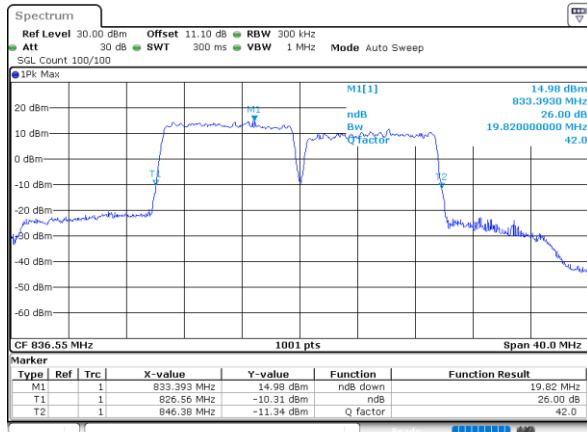
Middle Channel / 5MHz+10MHz



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	7.53	7.61	13.82
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.78	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	16QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.56	7.69	13.73
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.62	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	64QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.45	7.58	13.85
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.79	18.70	-

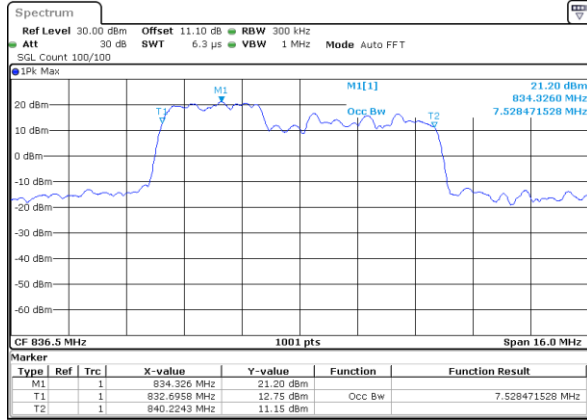
Mode	LTE Band 5B : 99%OBW(MHz)		
	254QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.42	7.54	13.82
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.85	18.78	-



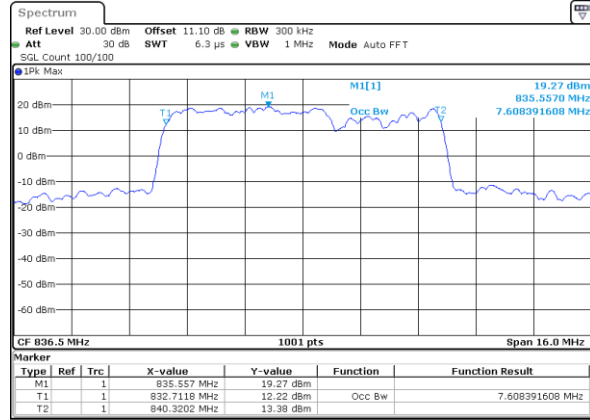
LTE Band 5B

QPSK

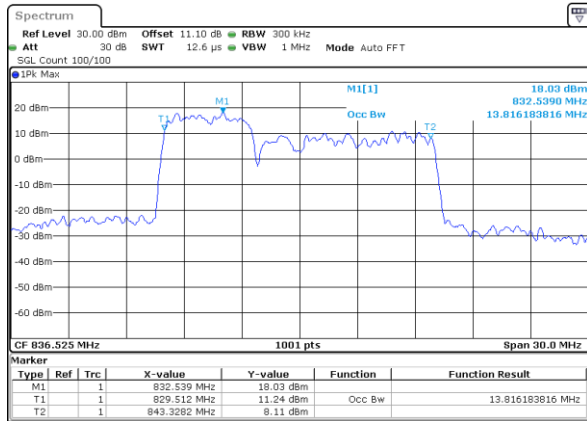
Middle Channel / 3MHz+5MHz



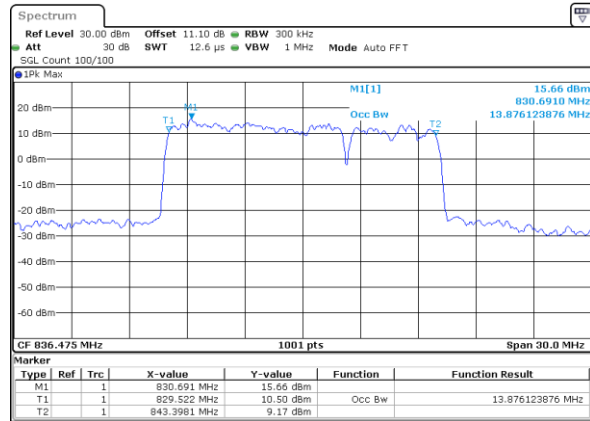
Middle Channel / 5MHz+3MHz



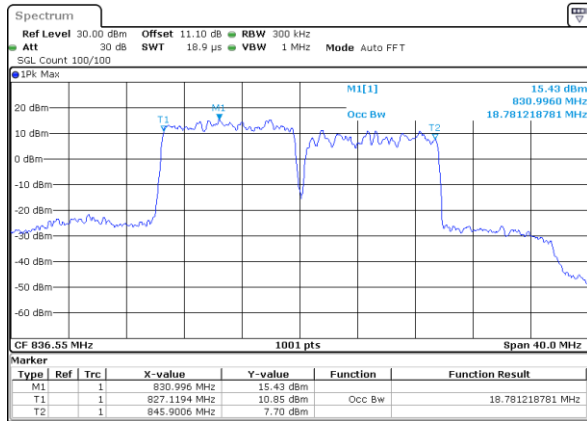
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



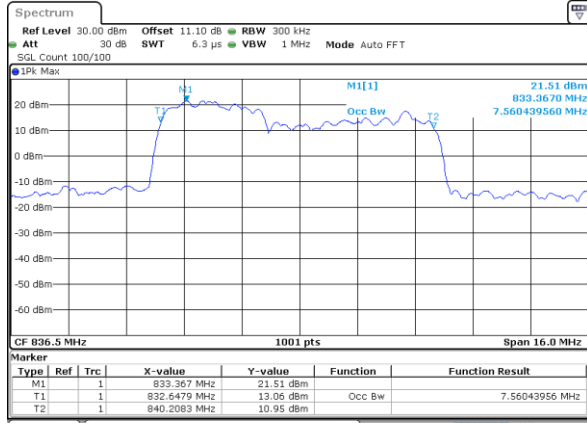
N/A



LTE Band 5B

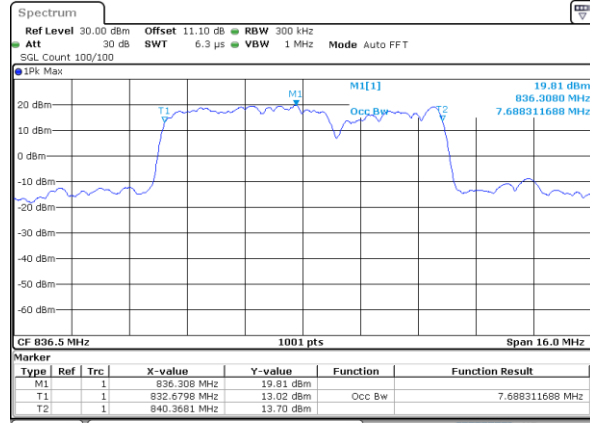
16QAM

Middle Channel / 3MHz+5MHz



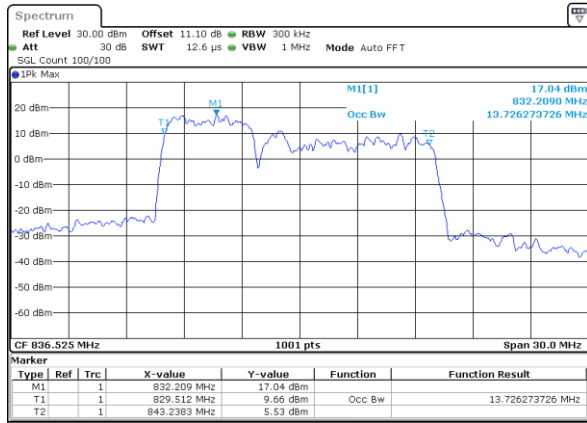
Date: 7.FEB.2022 19:19:44

Middle Channel / 5MHz+3MHz



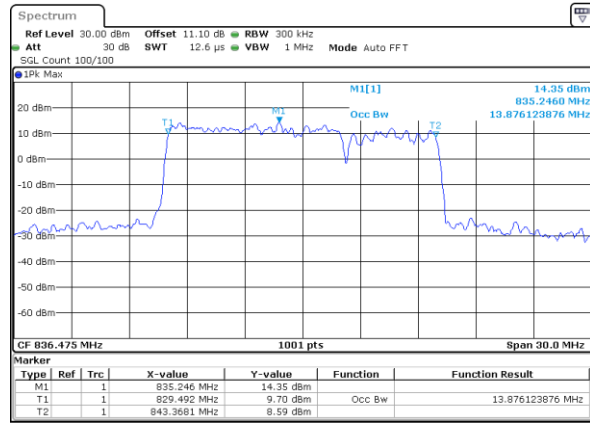
Date: 7.FEB.2022 19:47:19

Middle Channel / 5MHz+10MHz



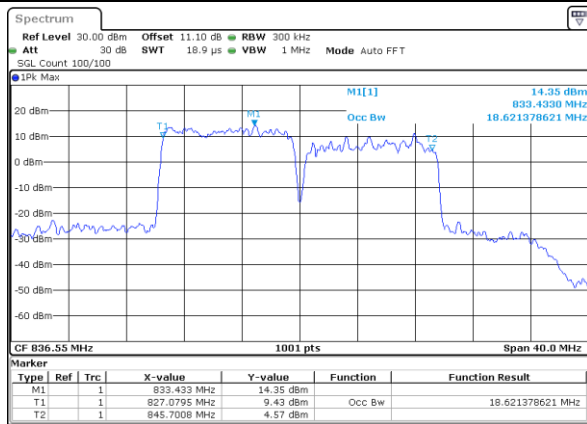
Date: 7.FEB.2022 20:17:58

Middle Channel / 10MHz+5MHz



Date: 7.FEB.2022 20:46:24

Middle Channel / 10MHz+10MHz



Date: 7.FEB.2022 21:13:53

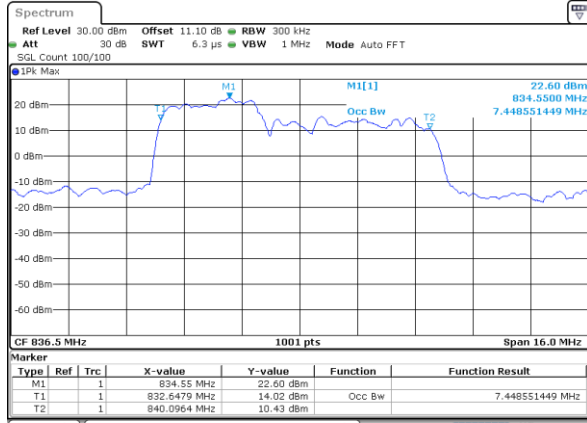
N/A



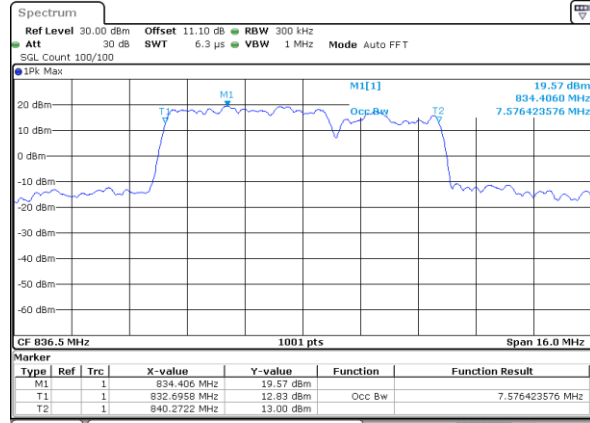
LTE Band 5B

64QAM

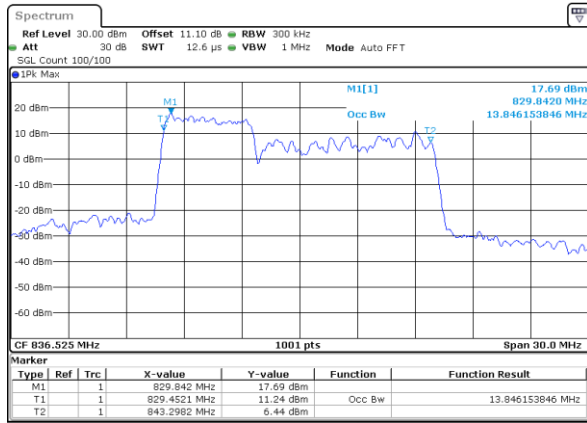
Middle Channel / 3MHz+5MHz



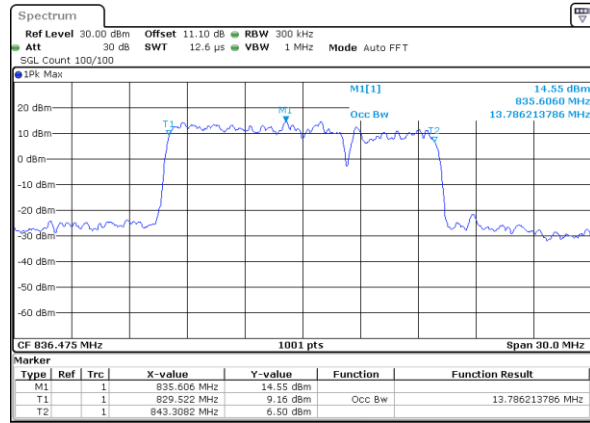
Middle Channel / 5MHz+3MHz



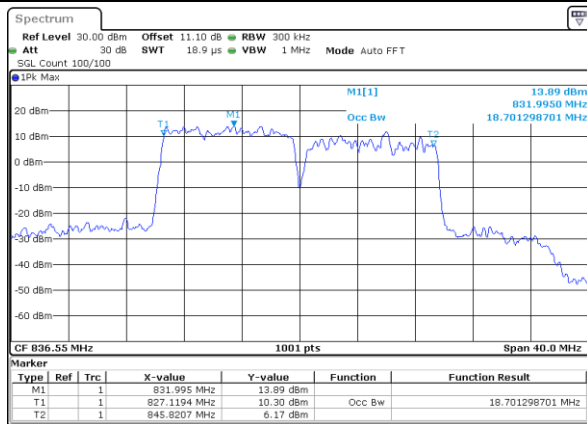
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



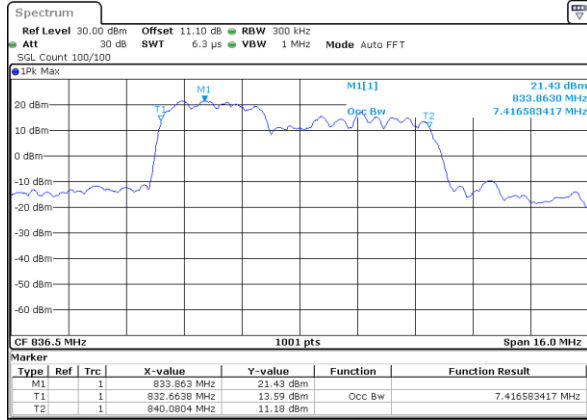
N/A



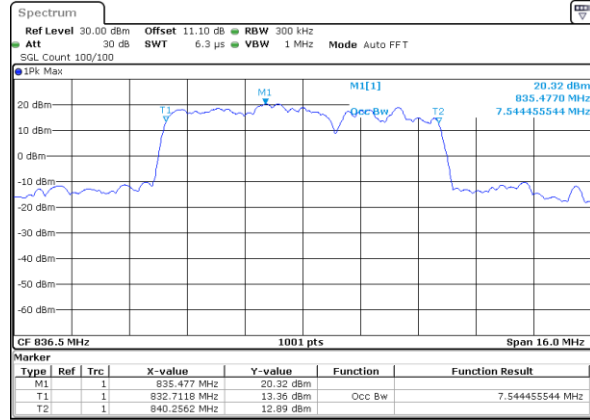
LTE Band 5B

256QAM

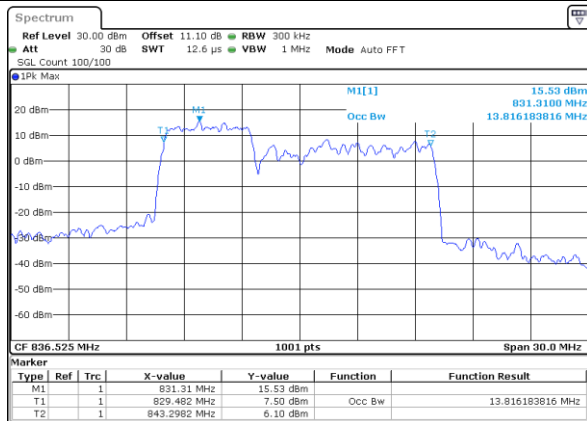
Middle Channel / 3MHz+5MHz



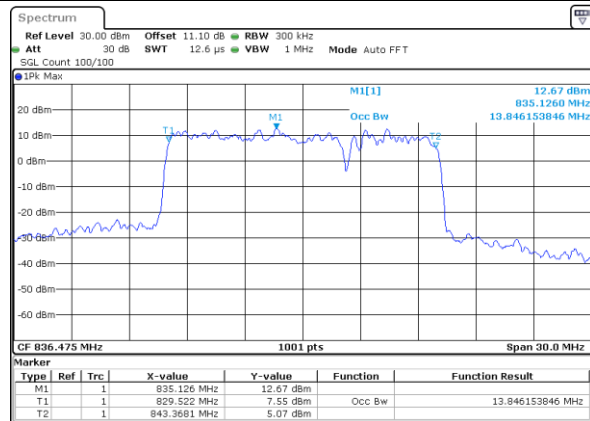
Middle Channel / 5MHz+3MHz



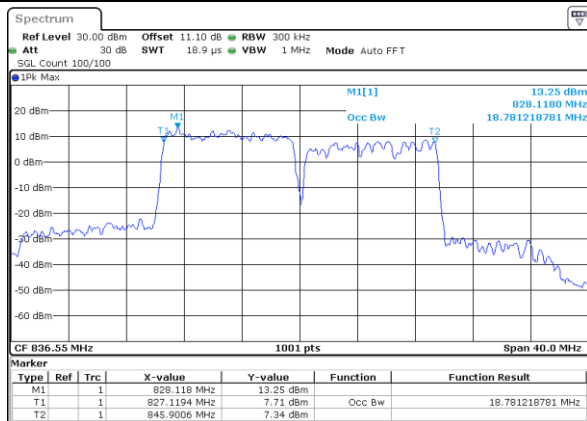
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A