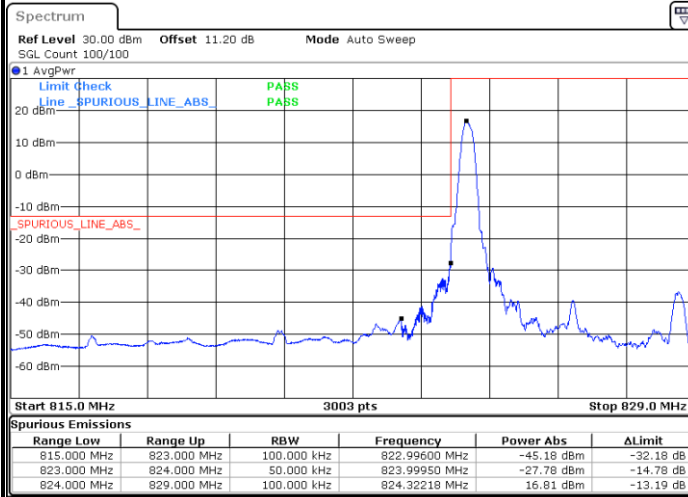




LTE Band 5 / 5MHz / 256QAM

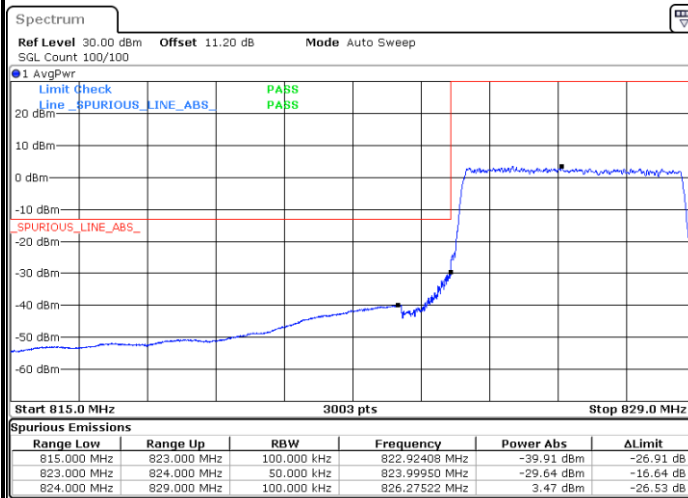
Lowest Band Edge / 1RB



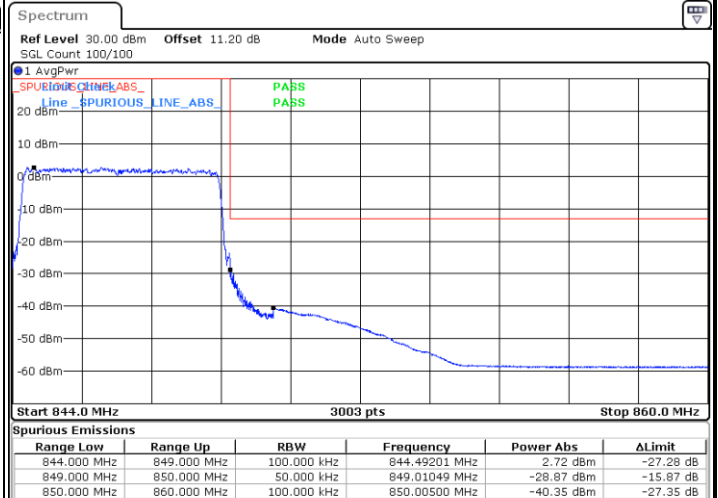
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



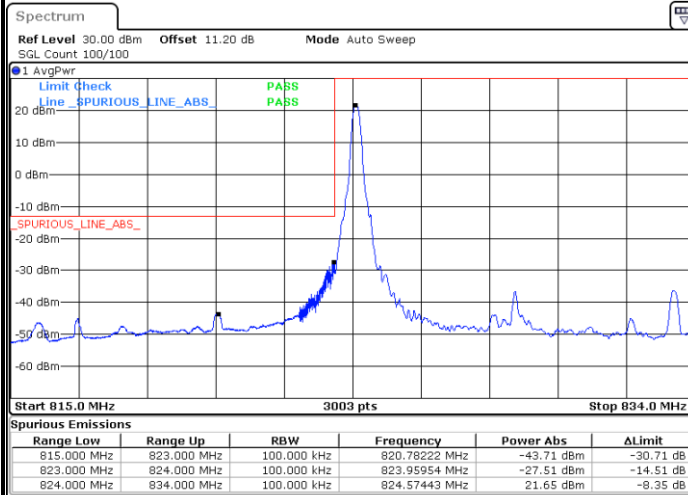
Highest Band Edge / Full RB



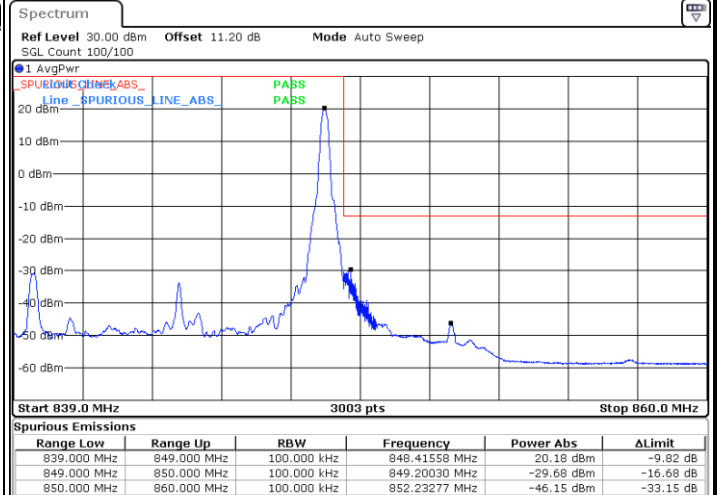


LTE Band 5 / 10MHz / QPSK

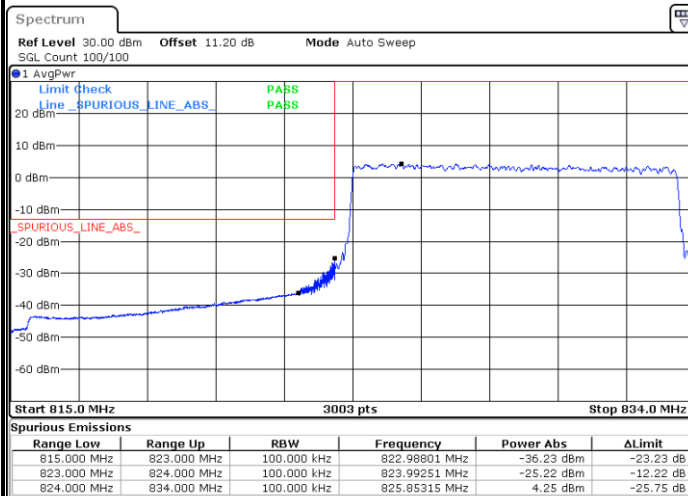
Lowest Band Edge / 1 RB



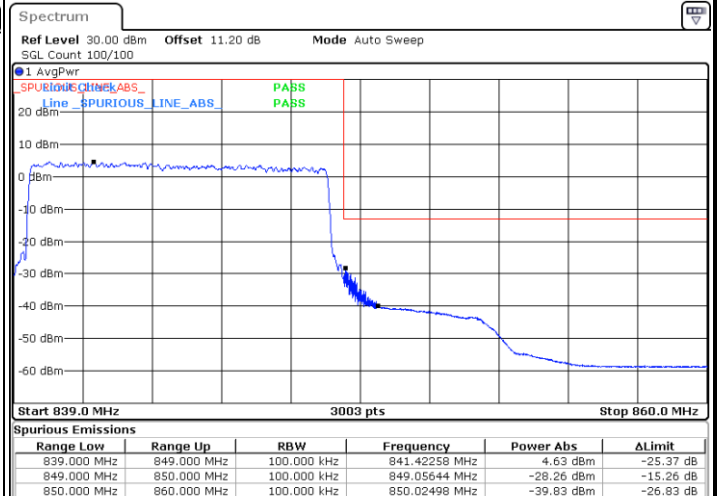
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



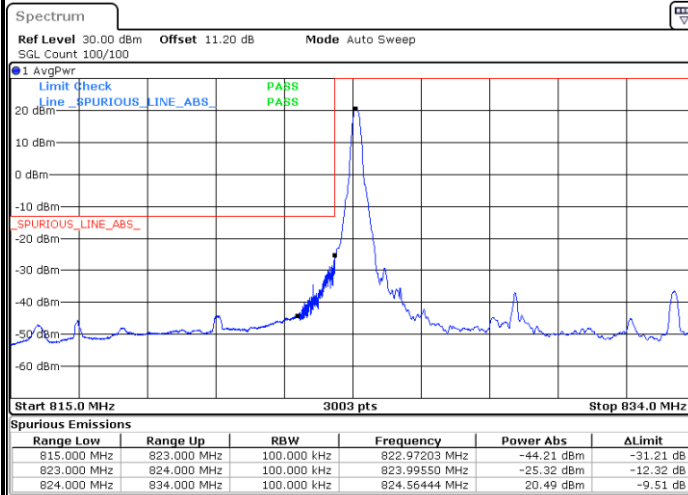
Highest Band Edge / Full RB



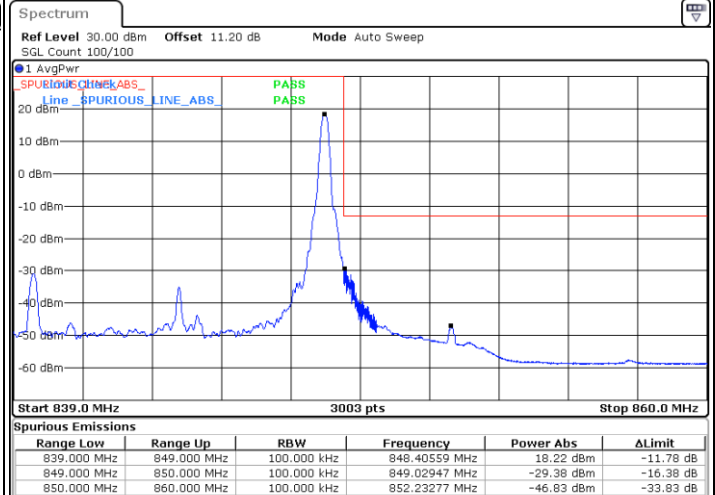


LTE Band 5 / 10MHz / 16QAM

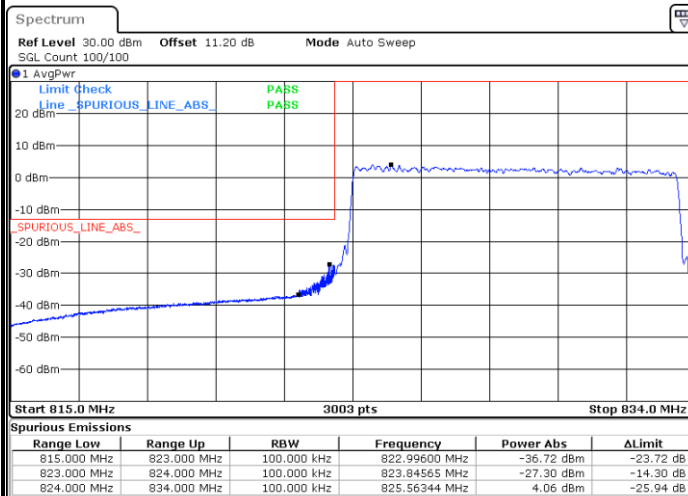
Lowest Band Edge / 1 RB



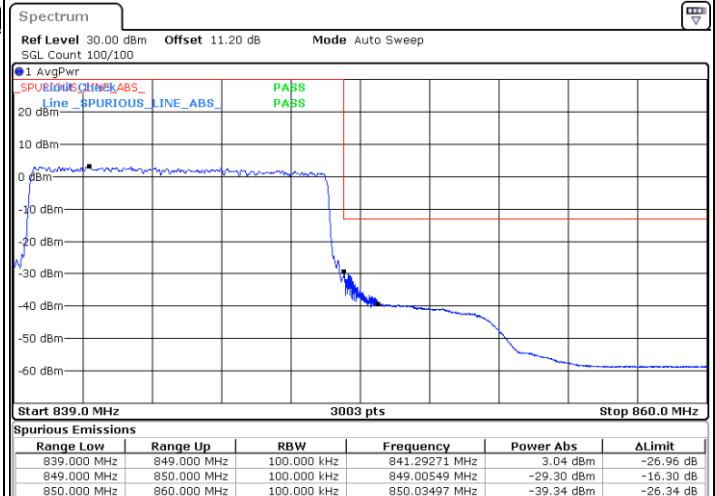
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



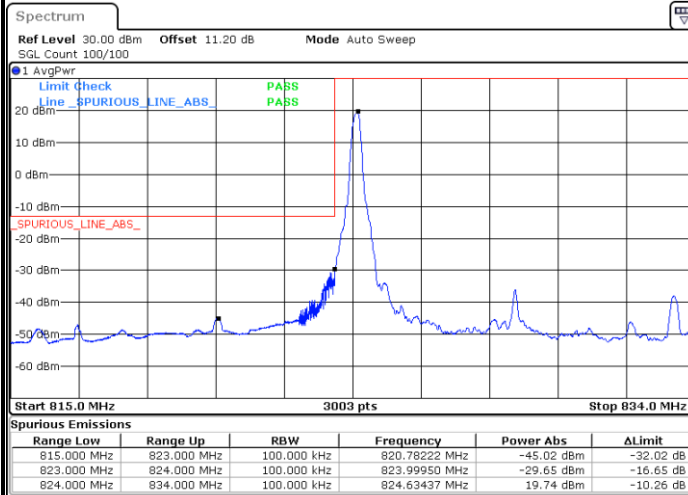
Highest Band Edge / Full RB



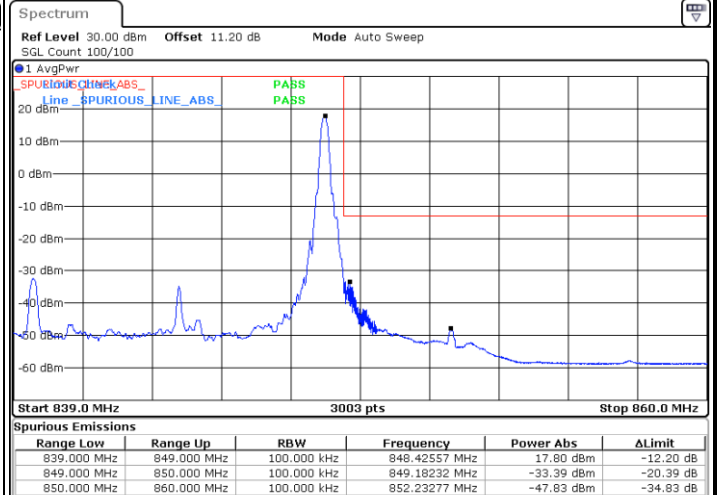


LTE Band 5 / 10MHz / 64QAM

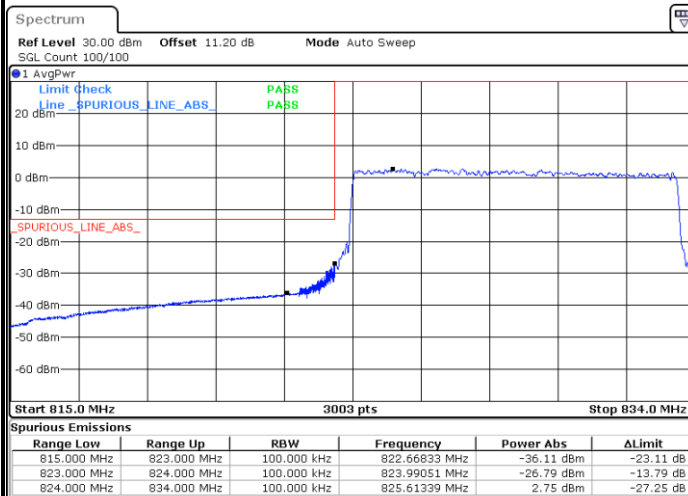
Lowest Band Edge / 1 RB



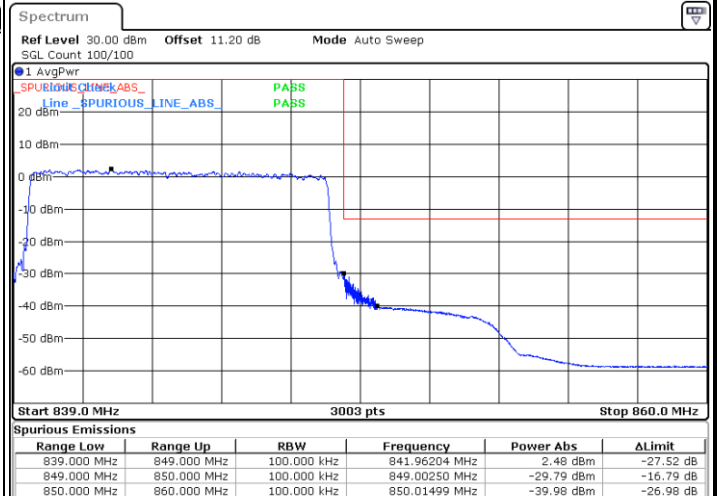
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



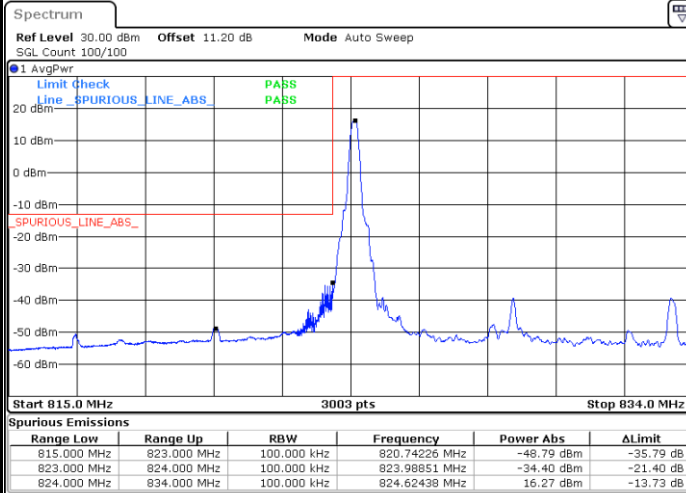
Highest Band Edge / Full RB



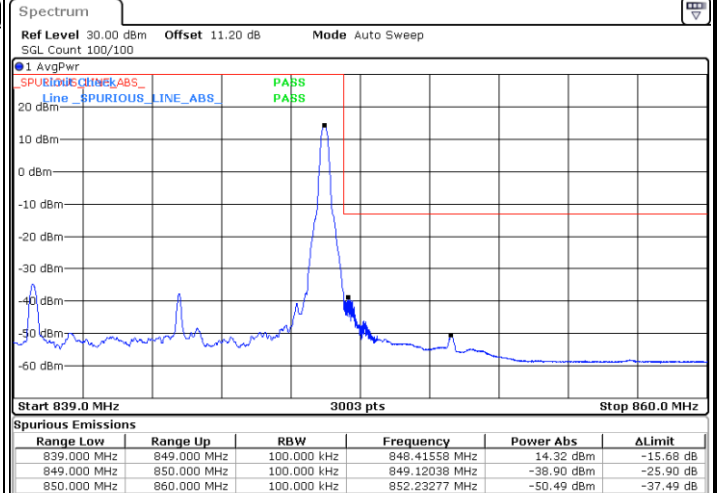


LTE Band 5 / 10MHz / 256QAM

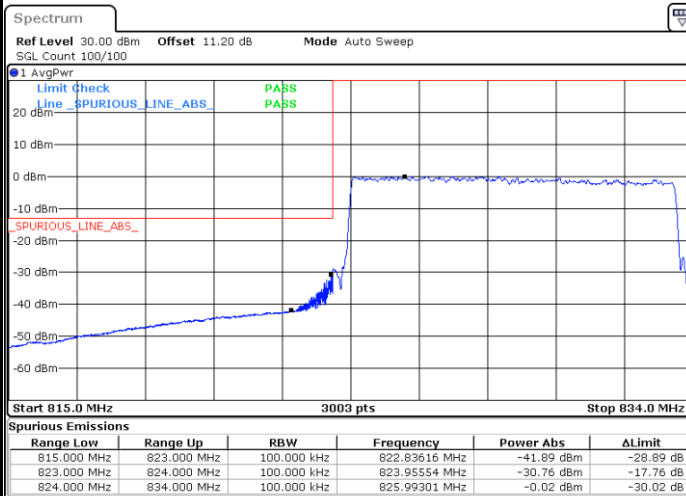
Lowest Band Edge / 1 RB



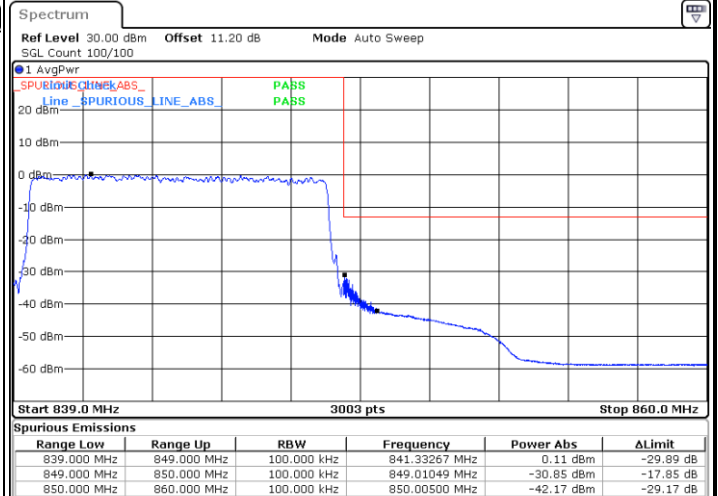
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

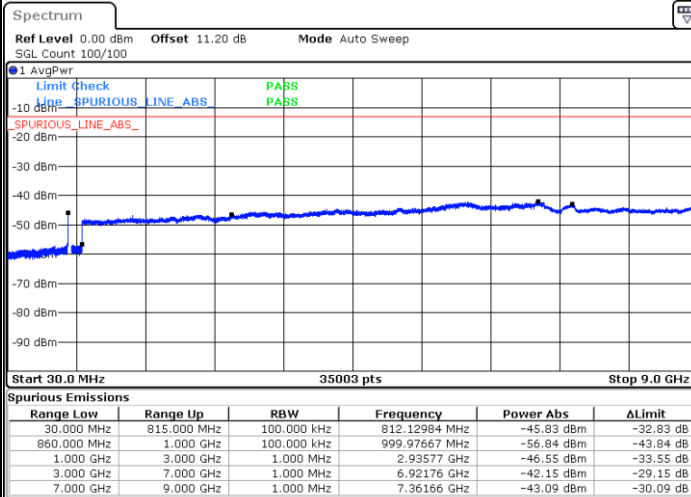




Conducted Spurious Emission

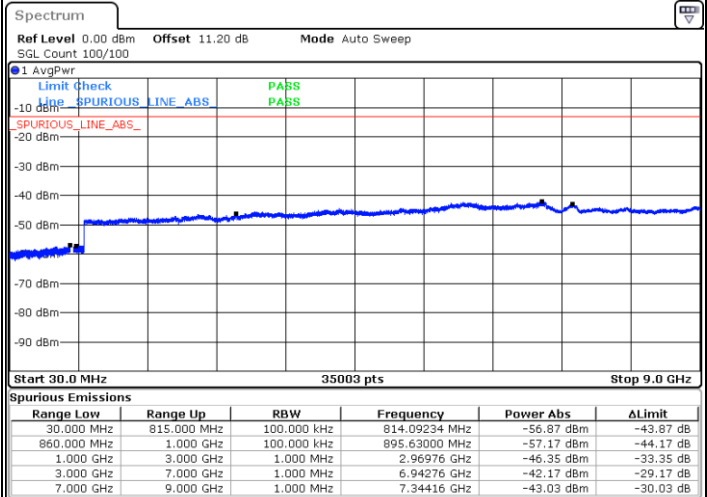
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



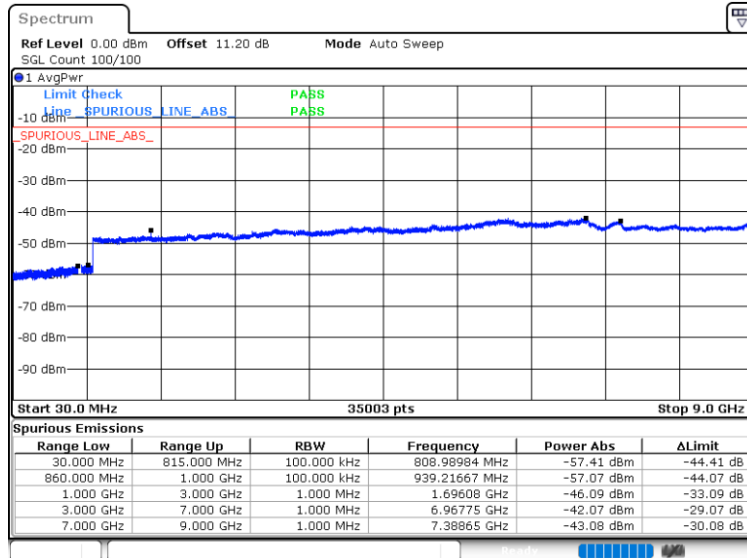
Date: 27.APR.2022 09:29:48

Middle Channel / QPSK



Date: 27.APR.2022 09:44:29

Highest Channel / QPSK

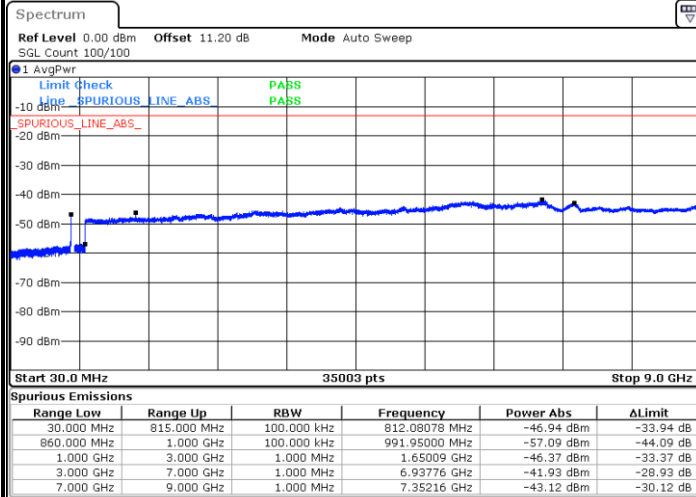


Date: 27.APR.2022 09:45:44



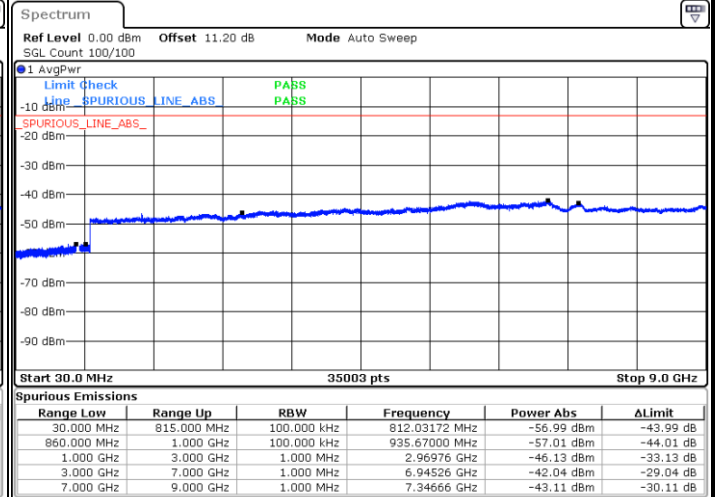
LTE Band 5 / 3MHz

Lowest Channel / QPSK



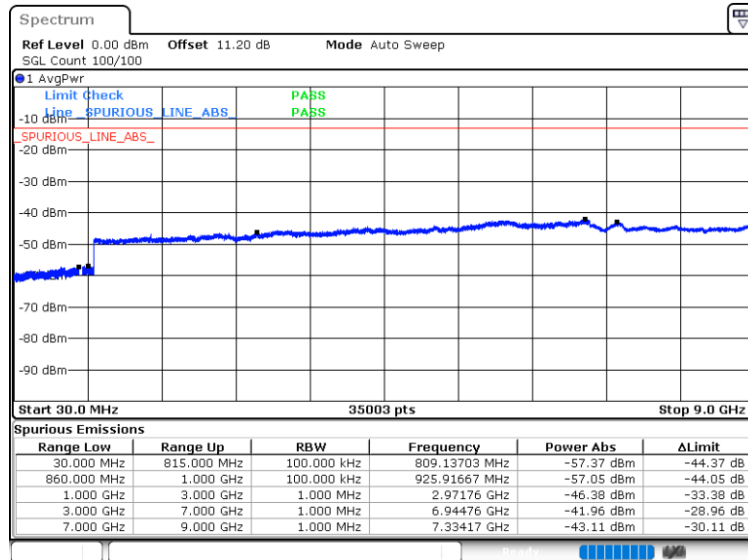
Date: 27.APR.2022 09:57:25

Middle Channel / QPSK



Date: 27.APR.2022 10:09:03

Highest Channel / QPSK

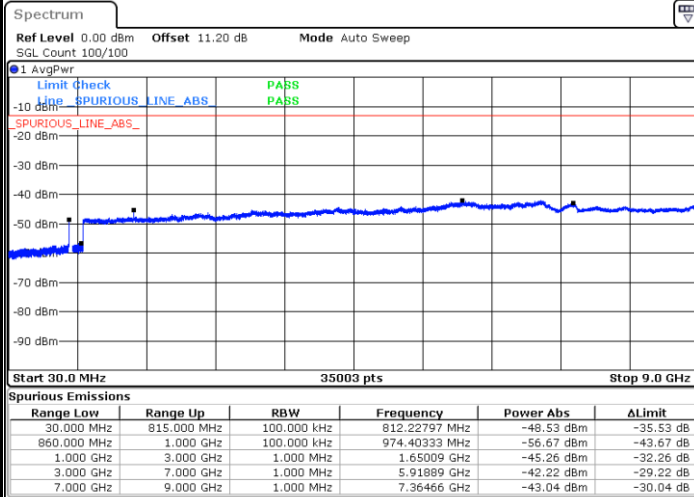


Date: 27.APR.2022 10:10:18



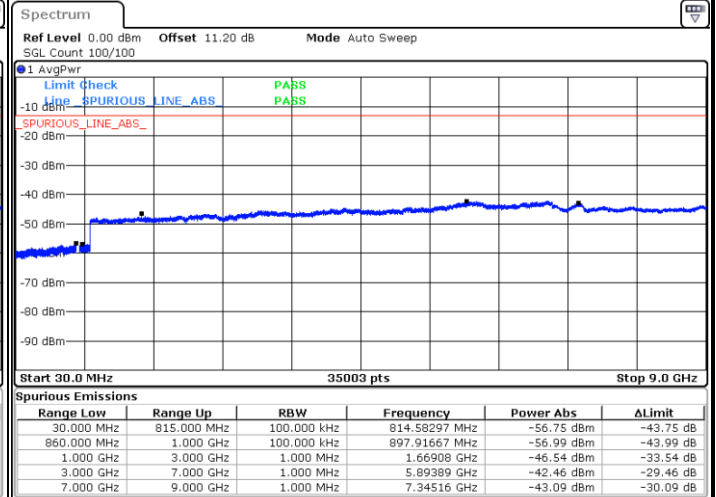
LTE Band 5 / 5MHz

Lowest Channel / QPSK



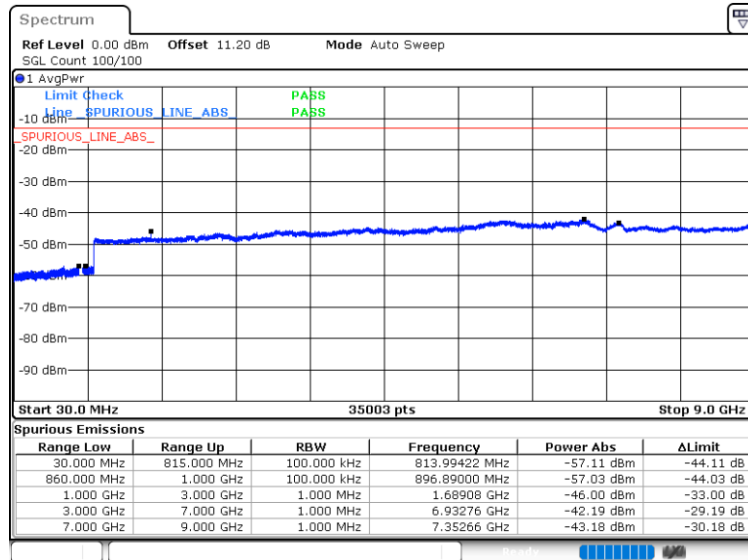
Date: 27.APR.2022 10:22:00

Middle Channel / QPSK



Date: 27.APR.2022 10:33:36

Highest Channel / QPSK

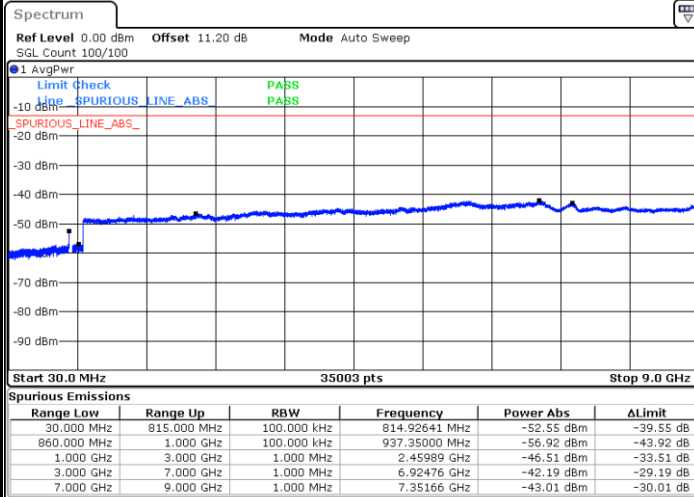


Date: 27.APR.2022 10:34:51



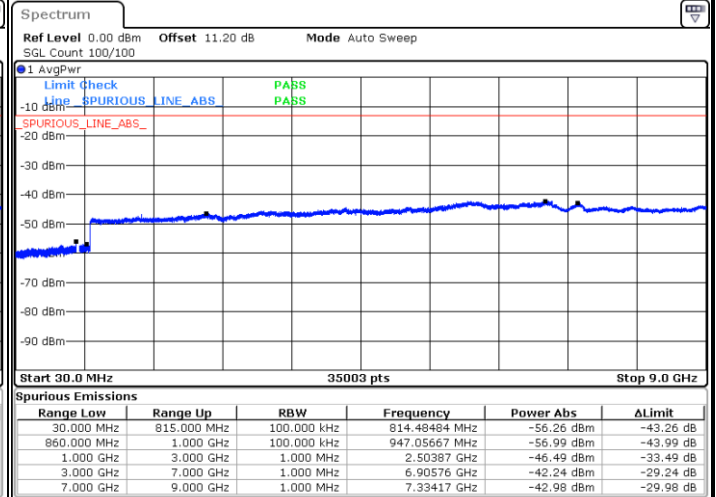
LTE Band 5 / 10MHz

Lowest Channel / QPSK



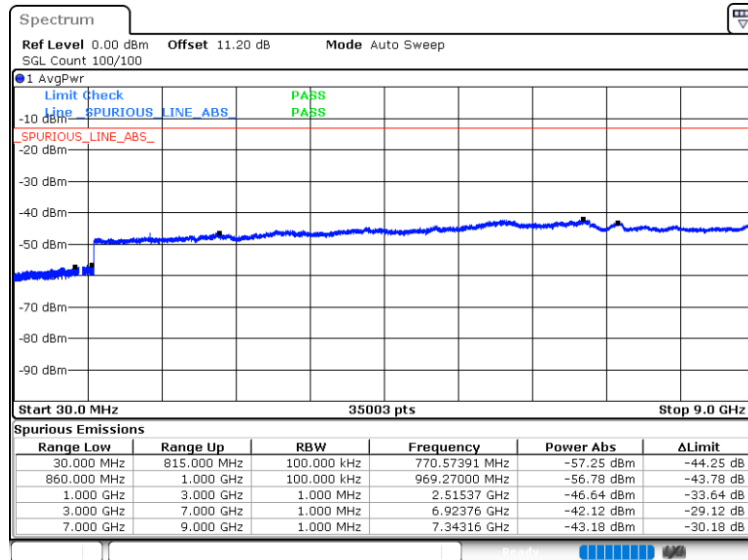
Date: 27.APR.2022 10:46:33

Middle Channel / QPSK



Date: 27.APR.2022 10:58:09

Highest Channel / QPSK



Date: 27.APR.2022 10:59:24

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	0.0031	PASS
40	Normal Voltage	0.0123	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0043	
0	Normal Voltage	0.0050	
-10	Normal Voltage	0.0050	
-20	Normal Voltage	0.0154	
-30	Normal Voltage	0.0077	
20	Maximum Voltage	0.0077	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0038	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.40 V. ; Maximum Voltage =4.30 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	8.20	8.15	14.84
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.20	19.78	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.18	8.28	14.54
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.72	19.86	-

Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.16	8.41	14.96
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.29	20.10	-

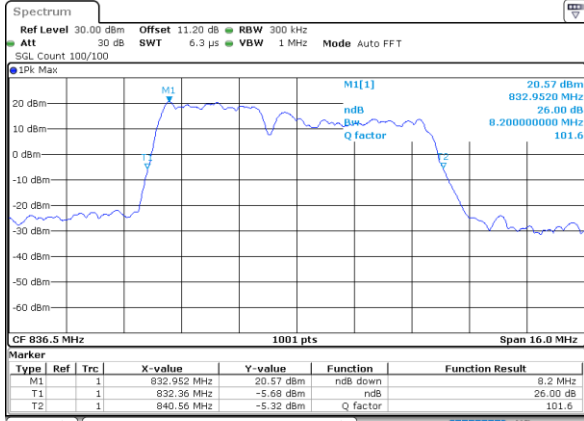
Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.09	8.42	14.69
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.75	19.58	-



LTE Band 5B

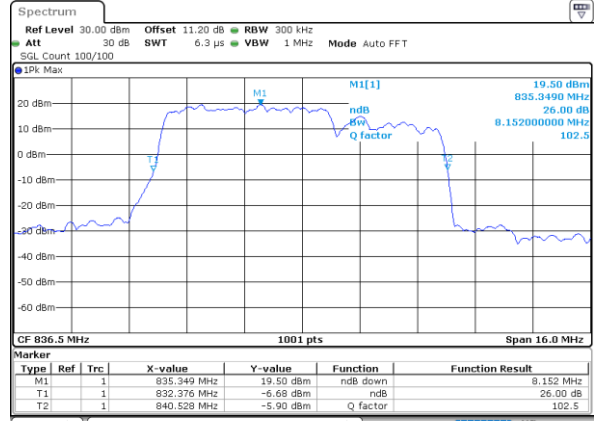
QPSK

Middle Channel / 3MHz+5MHz



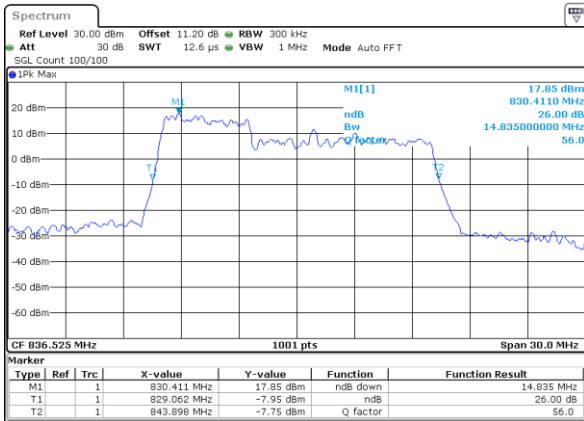
Date: 29.MAY.2022 01:41:28

Middle Channel / 5MHz+3MHz



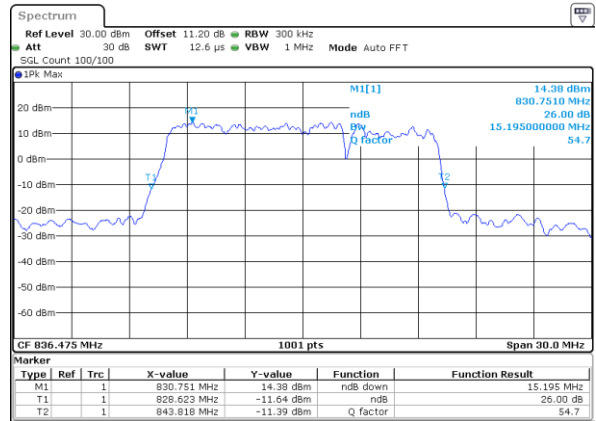
Date: 29.MAY.2022 04:42:22

Middle Channel / 5MHz+10MHz



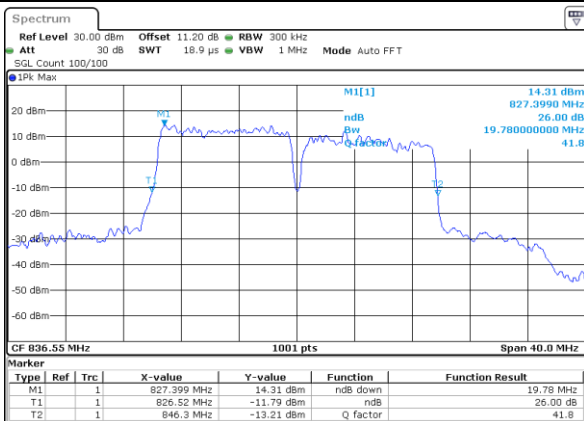
Date: 29.MAY.2022 06:41:06

Middle Channel / 10MHz+5MHz



Date: 29.MAY.2022 08:55:51

Middle Channel / 10MHz+10MHz



Date: 30.MAY.2022 11:12:13

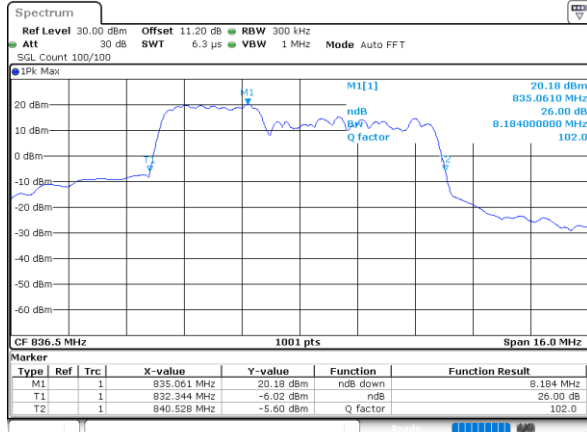
N/A



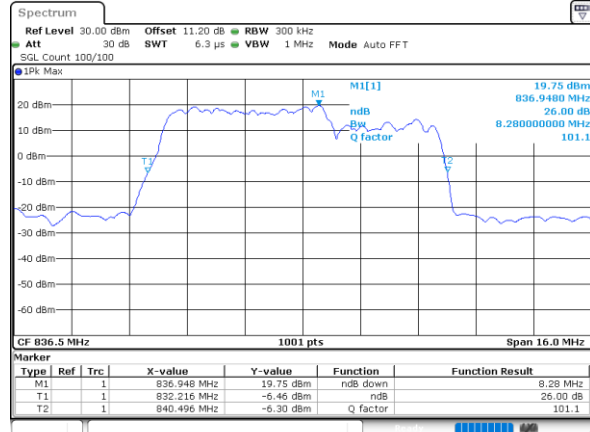
LTE Band 5B

16QAM

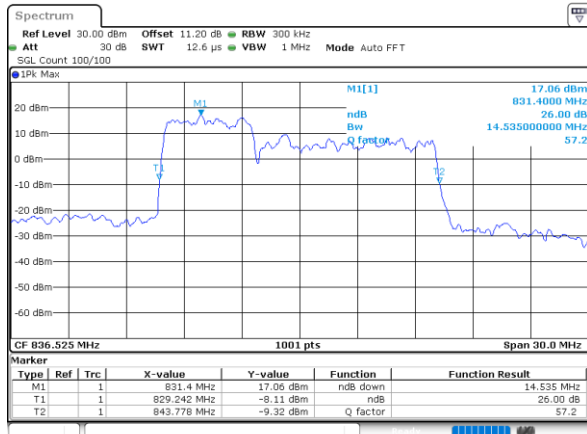
Middle Channel / 3MHz+5MHz



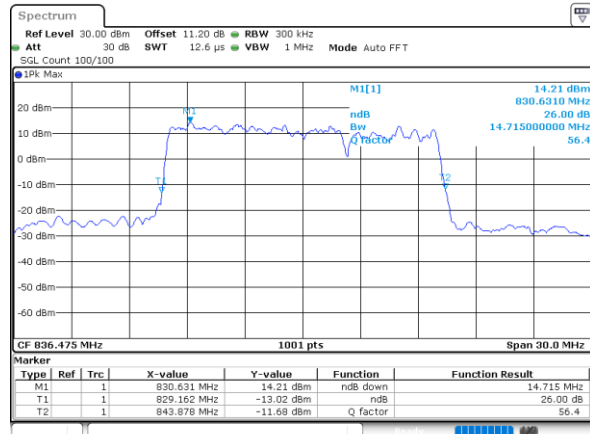
Middle Channel / 5MHz+3MHz



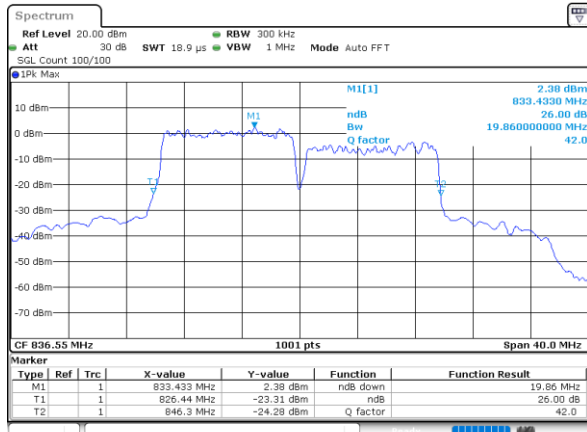
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



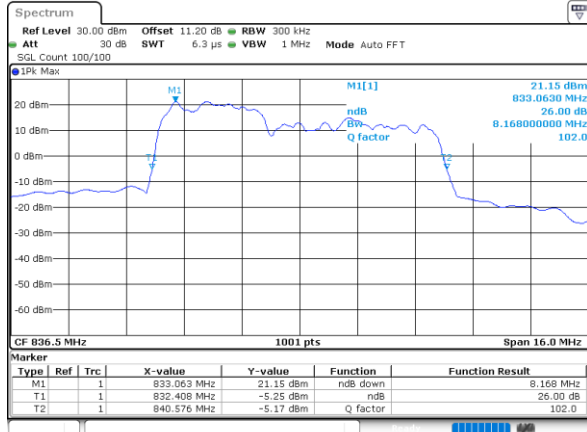
N/A



LTE Band 5B

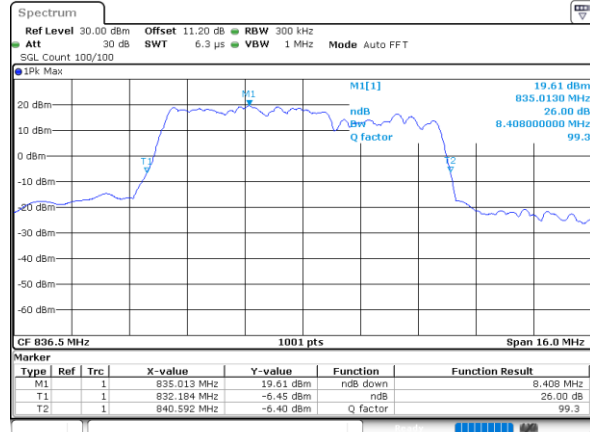
64QAM

Middle Channel / 3MHz+5MHz



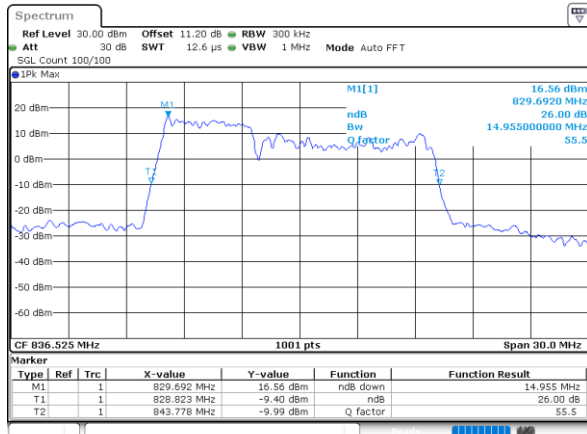
Date: 29.MAY.2022 01:55:09

Middle Channel / 5MHz+3MHz



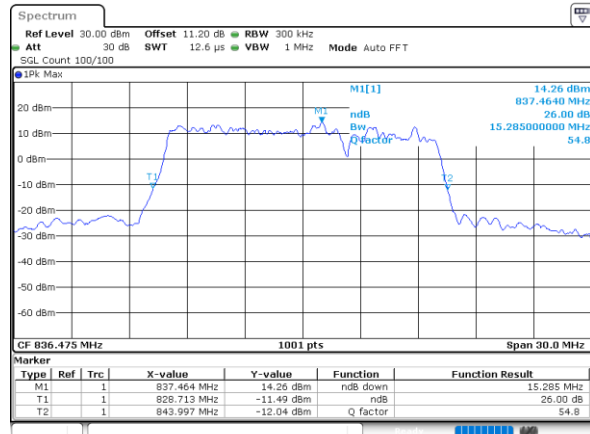
Date: 29.MAY.2022 04:56:00

Middle Channel / 5MHz+10MHz



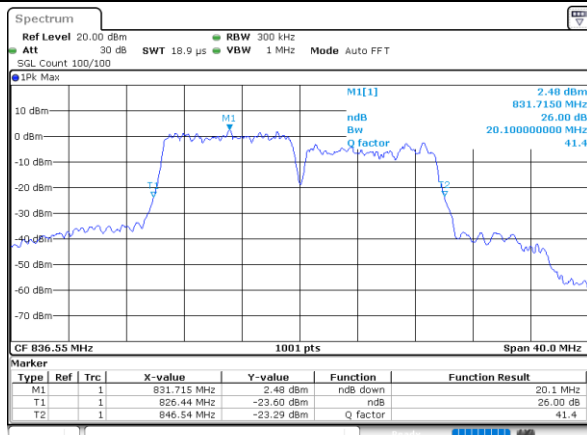
Date: 29.MAY.2022 06:42:12

Middle Channel / 10MHz+5MHz



Date: 29.MAY.2022 08:56:57

Middle Channel / 10MHz+10MHz



Date: 30.MAY.2022 17:12:09

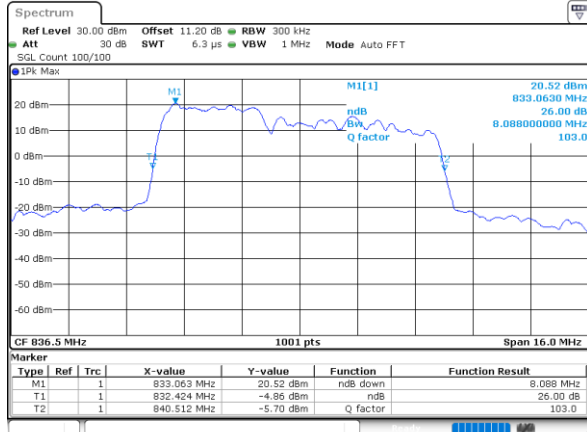
N/A



LTE Band 5B

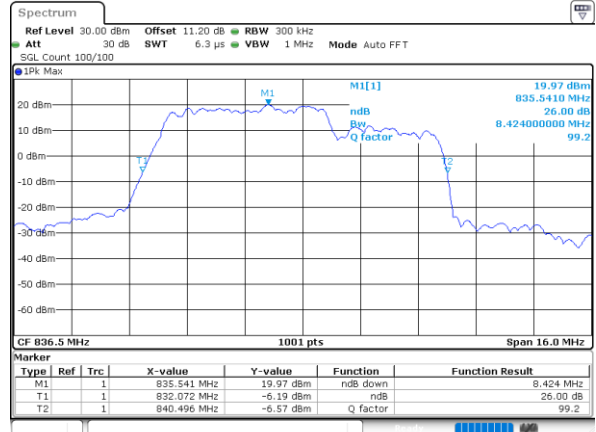
256QAM

Middle Channel / 3MHz+5MHz



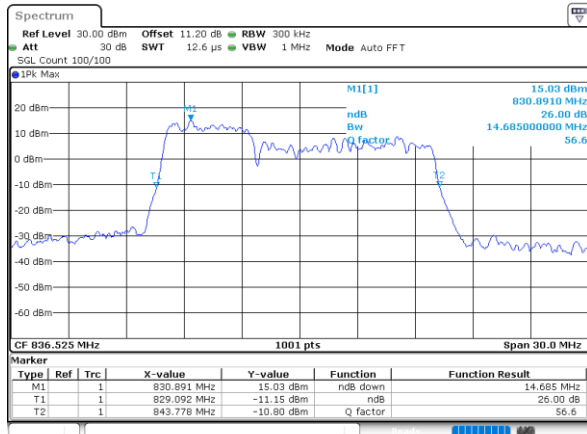
Date: 29.MAY.2022 01:55:42

Middle Channel / 5MHz+3MHz



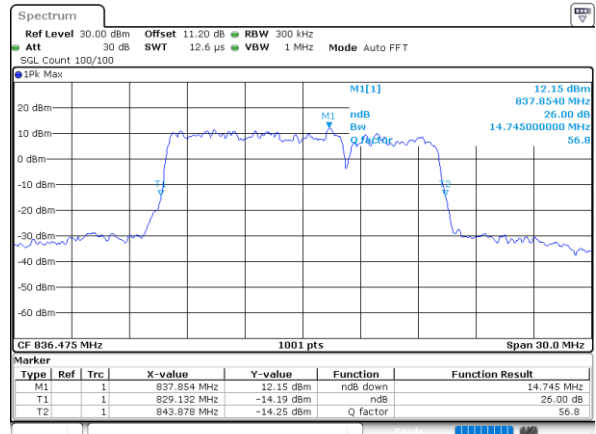
Date: 29.MAY.2022 04:56:33

Middle Channel / 5MHz+10MHz



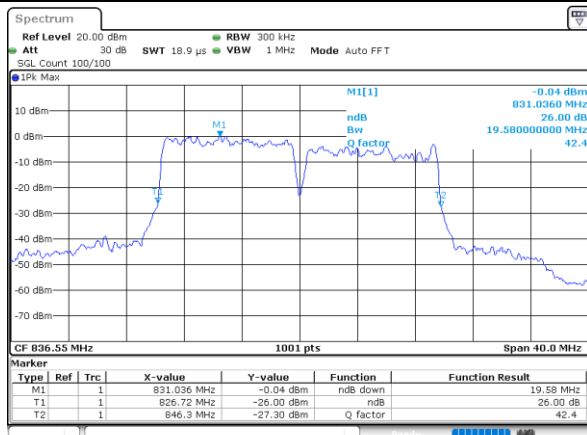
Date: 29.MAY.2022 06:55:18

Middle Channel / 10MHz+5MHz



Date: 29.MAY.2022 08:57:30

Middle Channel / 10MHz+10MHz



Date: 30.MAY.2022 17:13:15

N/A

Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
	QPSK		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.58	7.56	14.00
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.00	18.70	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	16QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.50	7.32	13.85
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.78	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	64QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.59	7.50	13.82
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.94	18.82	-

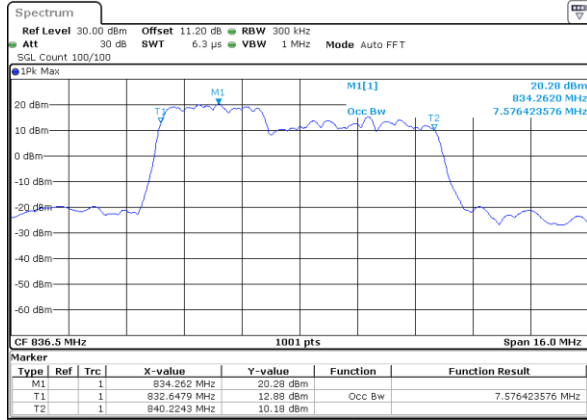
Mode	LTE Band 5B : 99%OBW(MHz)		
	254QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.58	7.40	13.82
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.74	-



LTE Band 5B

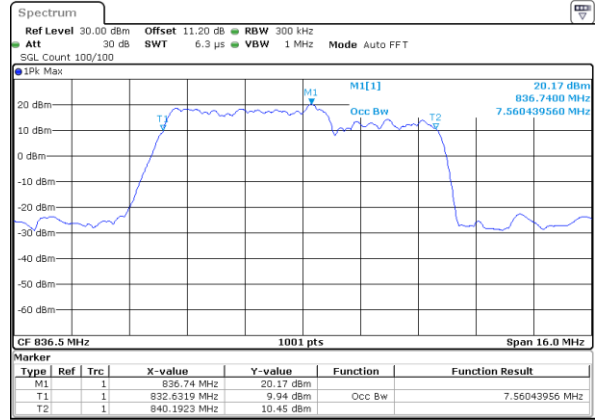
QPSK

Middle Channel / 3MHz+5MHz



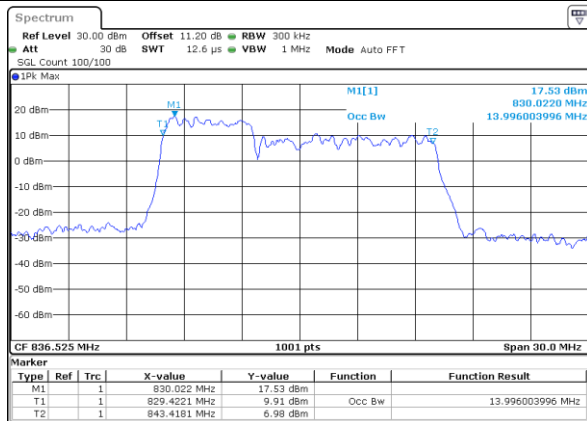
Date: 29.MAY.2022 01:26:49

Middle Channel / 5MHz+3MHz



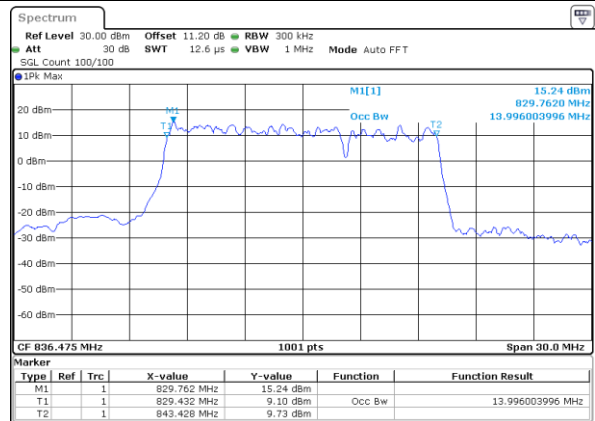
Date: 29.MAY.2022 03:57:16

Middle Channel / 5MHz+10MHz



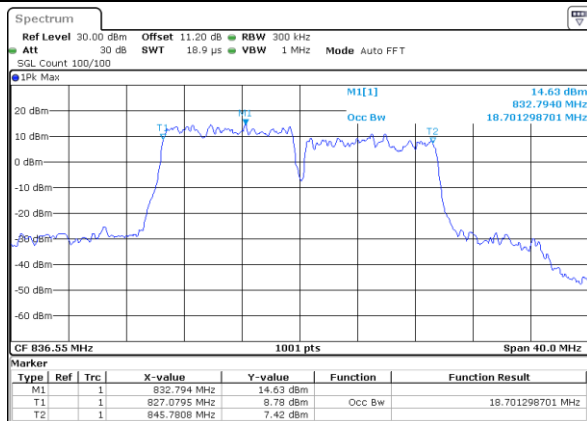
Date: 29.MAY.2022 06:26:25

Middle Channel / 10MHz+5MHz



Date: 29.MAY.2022 08:41:17

Middle Channel / 10MHz+10MHz



Date: 30.MAY.2022 11:10:12

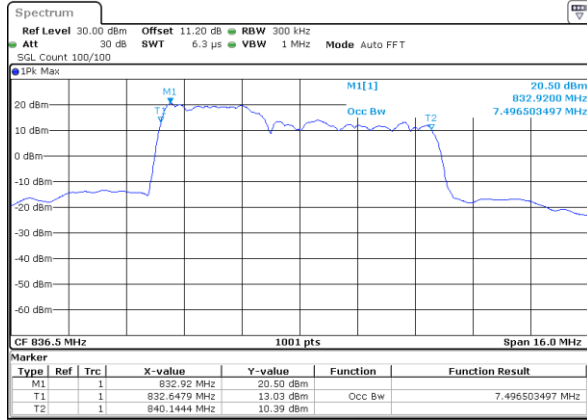
N/A



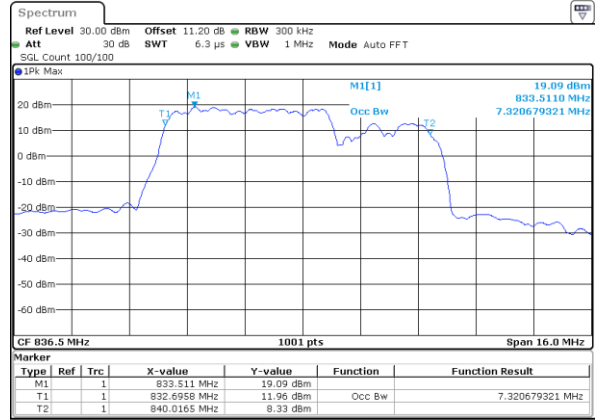
LTE Band 5B

16QAM

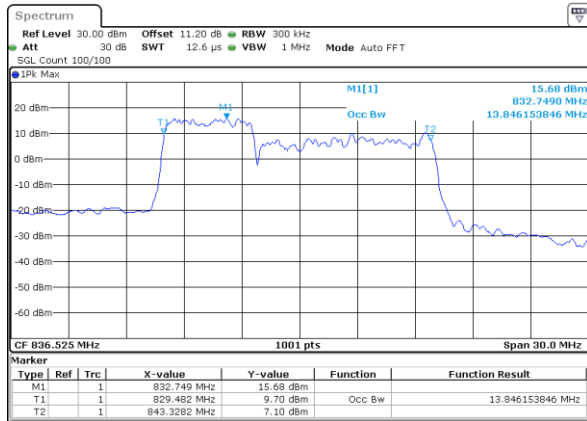
Middle Channel / 3MHz+5MHz



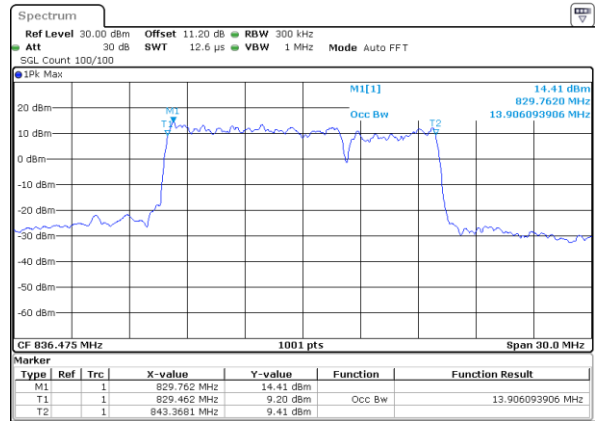
Middle Channel / 5MHz+3MHz



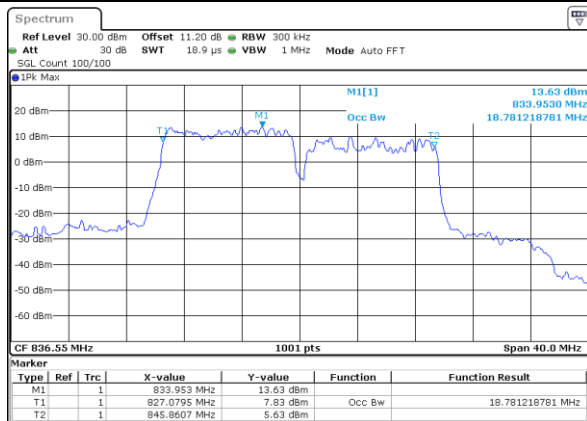
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



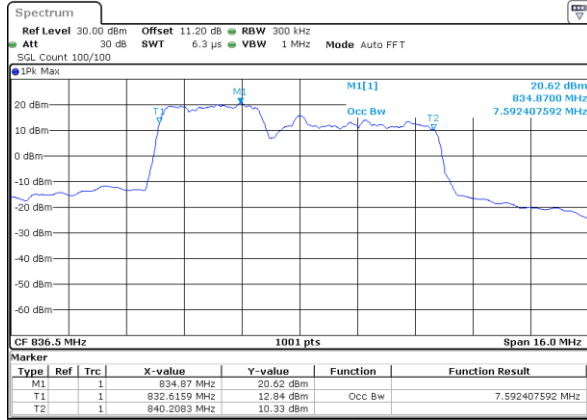
N/A



LTE Band 5B

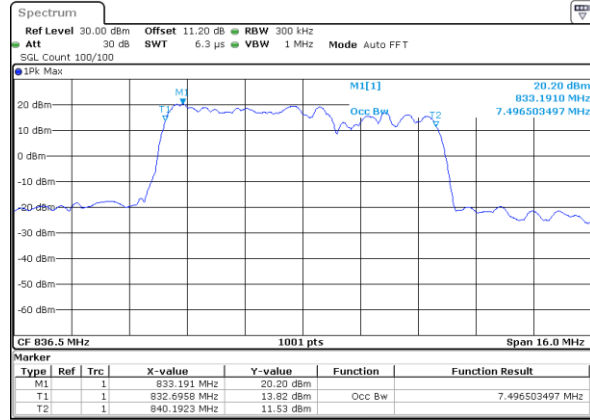
64QAM

Middle Channel / 3MHz+5MHz



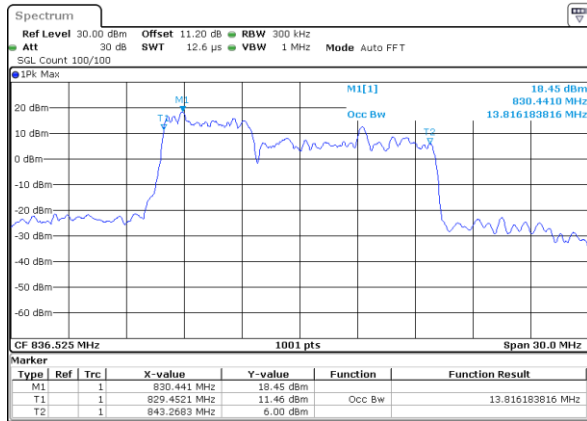
Date: 29.MAY.2022 01:40:22

Middle Channel / 5MHz+3MHz



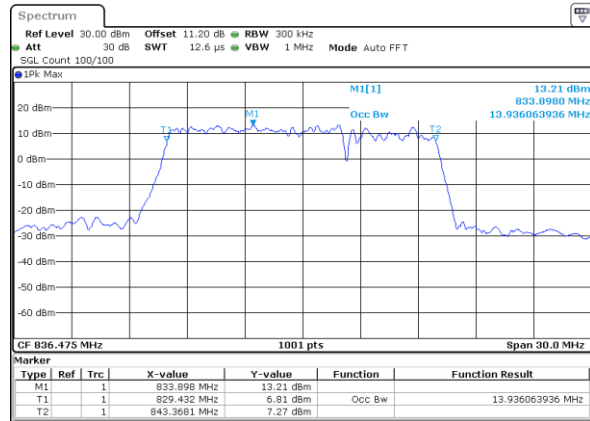
Date: 29.MAY.2022 04:10:50

Middle Channel / 5MHz+10MHz



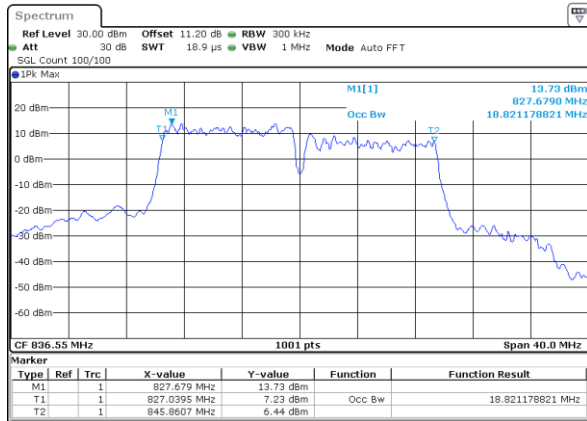
Date: 29.MAY.2022 06:27:31

Middle Channel / 10MHz+5MHz



Date: 29.MAY.2022 08:42:23

Middle Channel / 10MHz+10MHz



Date: 30.MAY.2022 11:11:12

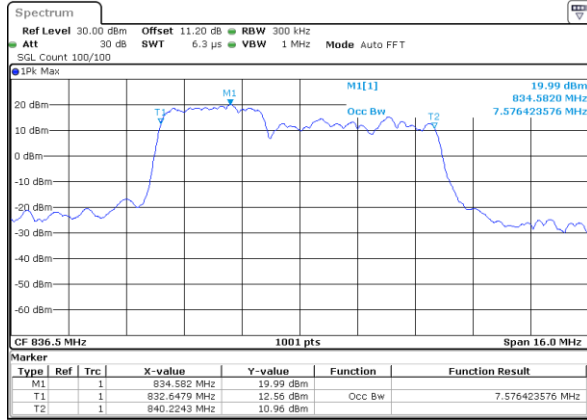
N/A



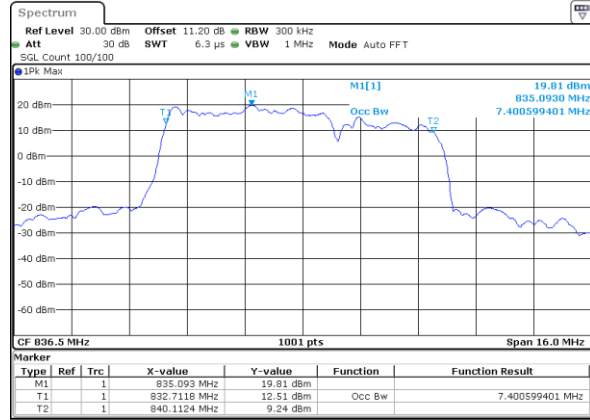
LTE Band 5B

256QAM

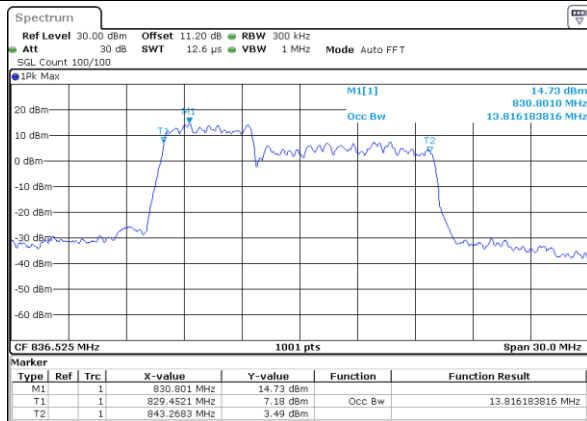
Middle Channel / 3MHz+5MHz



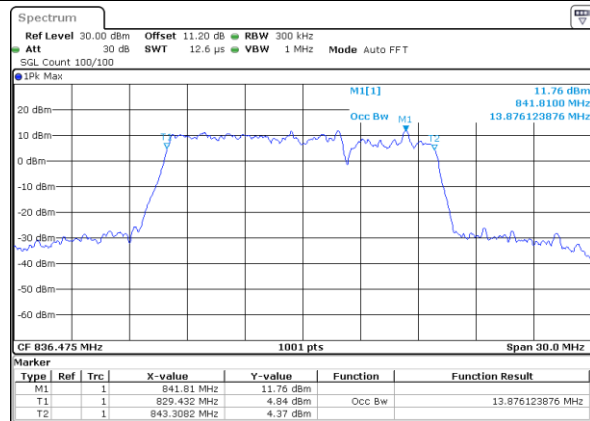
Middle Channel / 5MHz+3MHz



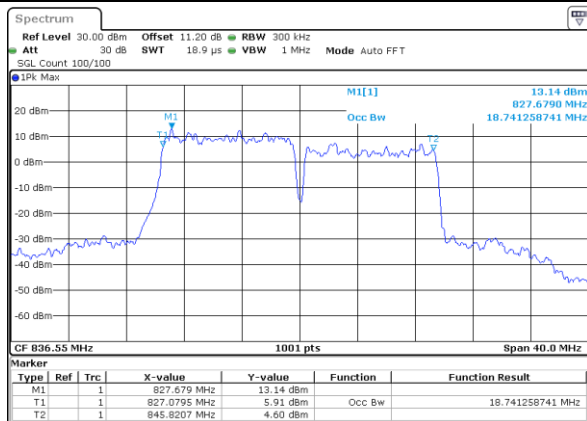
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

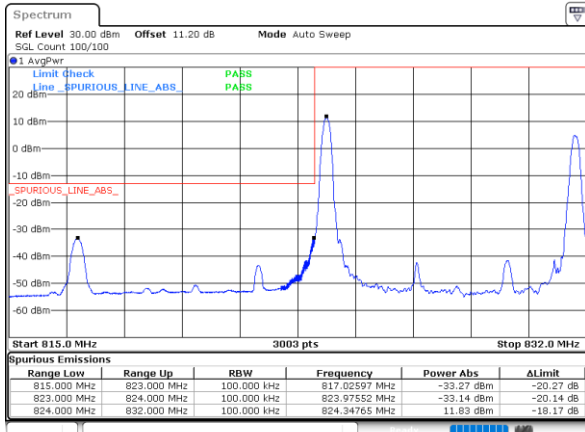


Conducted Band Edge

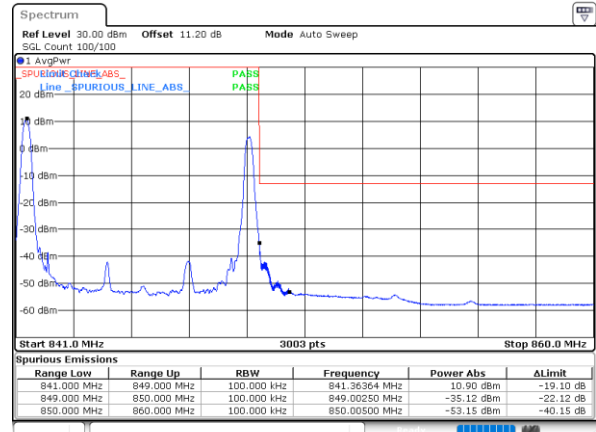
LTE Band 5B / 3MHz+5MHz

QPSK

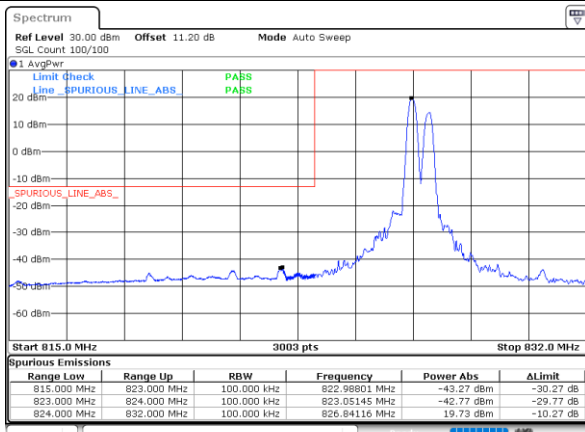
Lowest Band Edge / 1RB0 and 1RB24



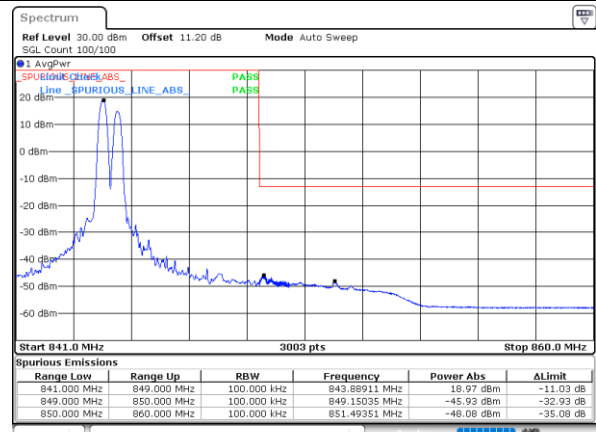
Highest Band Edge / 1RB0 and 1RB24



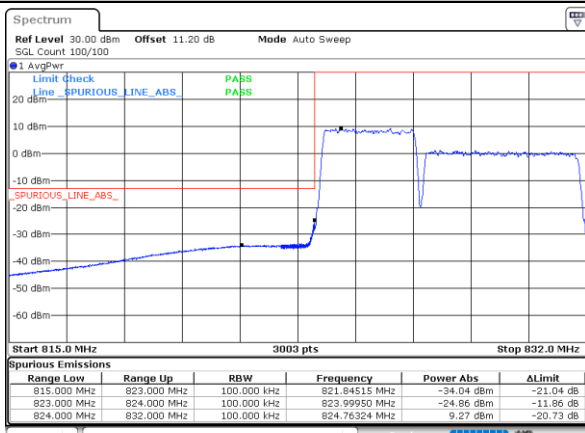
Lowest Band Edge / 1RB14 and 1RB0



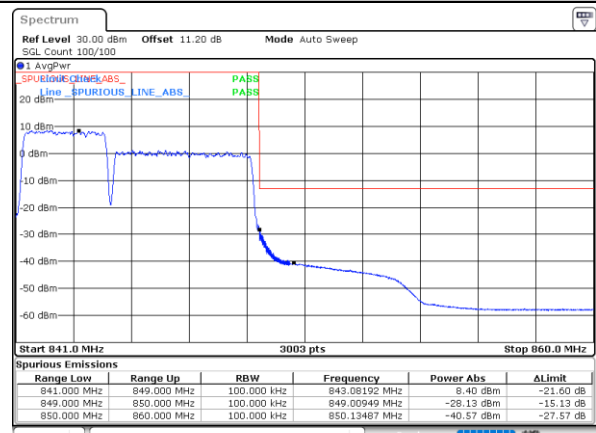
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

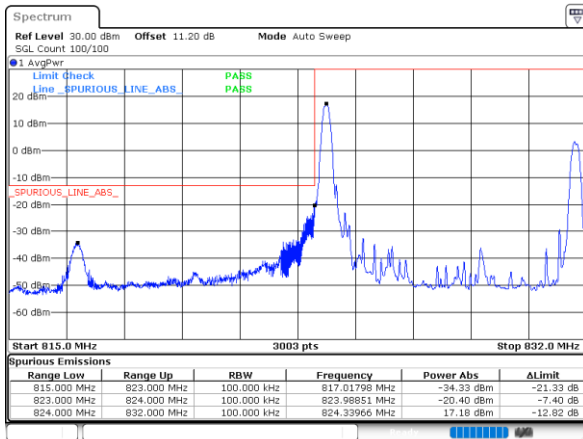




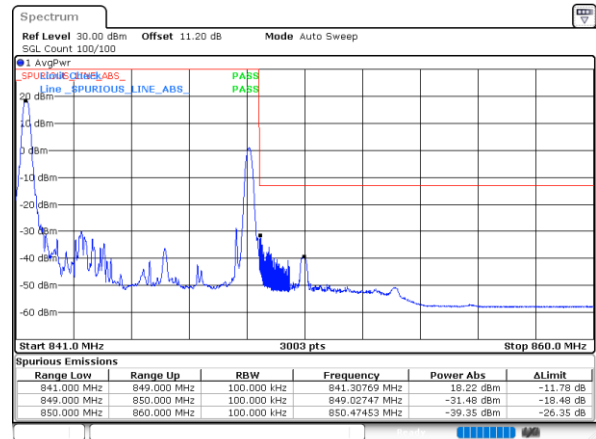
LTE Band 5B / 5MHz+3MHz

QPSK

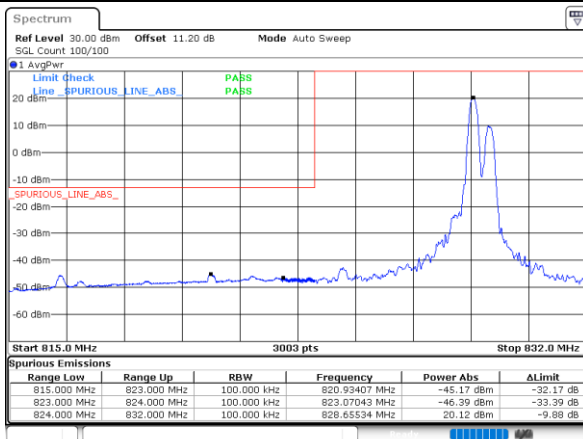
Lowest Band Edge / 1RB0 and 1RB14



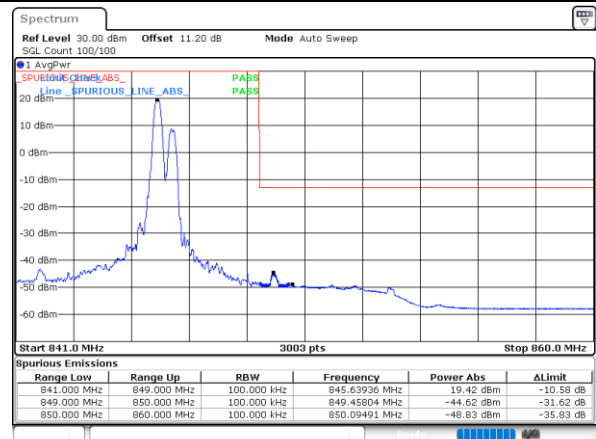
Highest Band Edge / 1RB0 and 1RB14



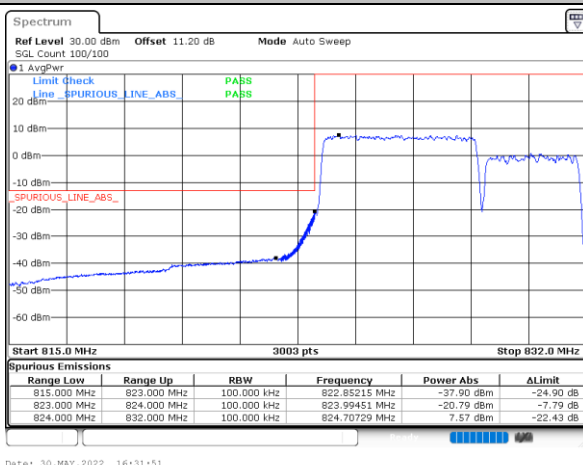
Lowest Band Edge / 1RB24 and 1RB0



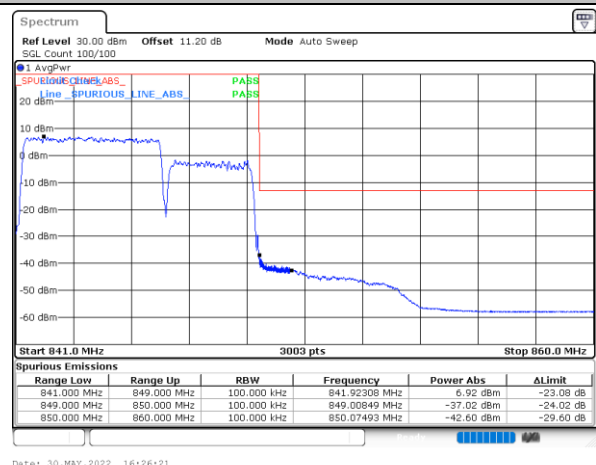
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

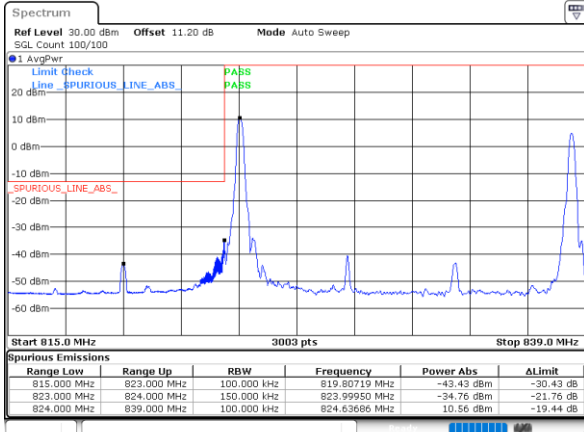




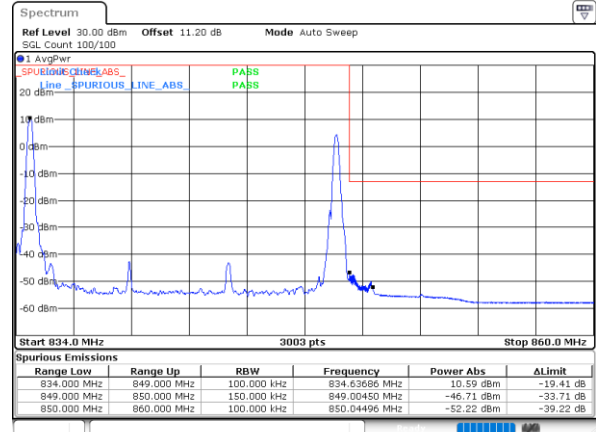
LTE Band 5B / 5MHz+10MHz

QPSK

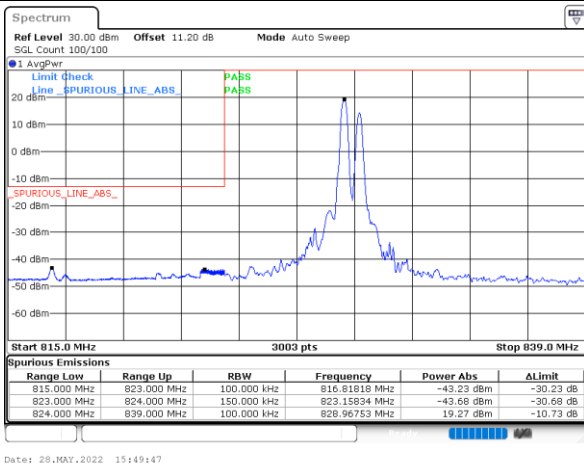
Lowest Band Edge / 1RB0 and 1RB49



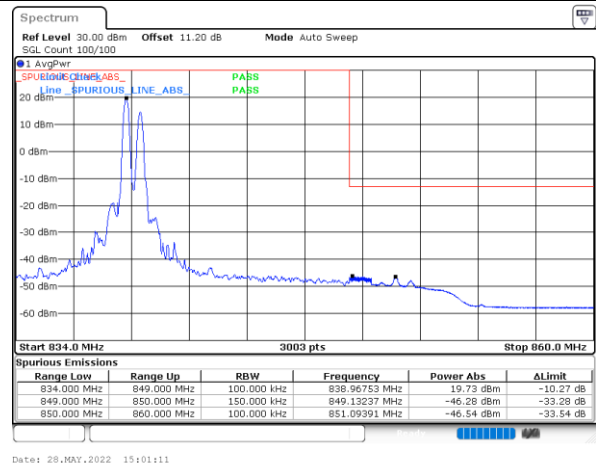
Highest Band Edge / 1RB0 and 1RB49



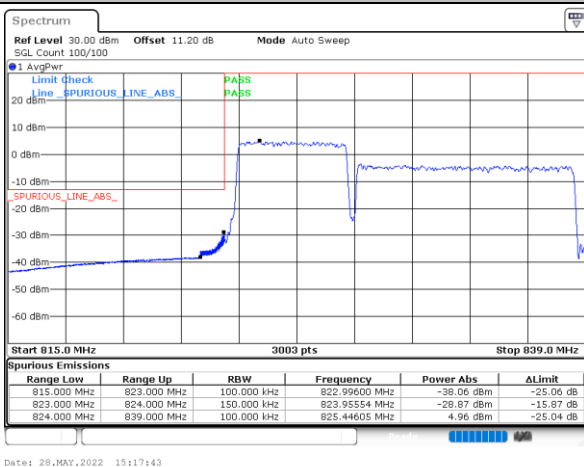
Lowest Band Edge / 1RB24 and 1RB0



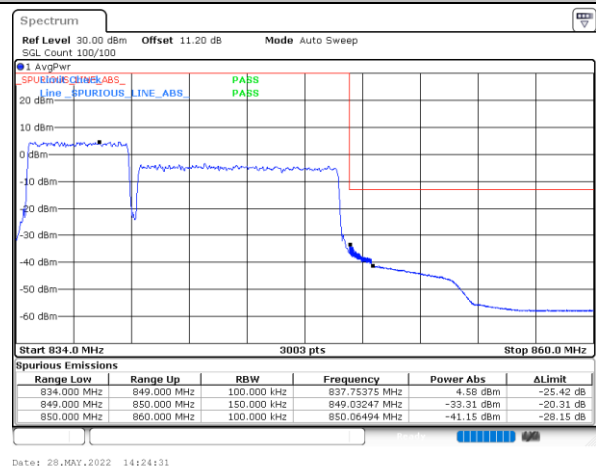
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

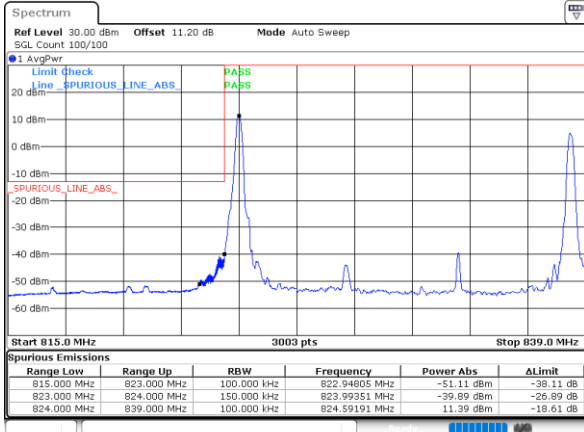




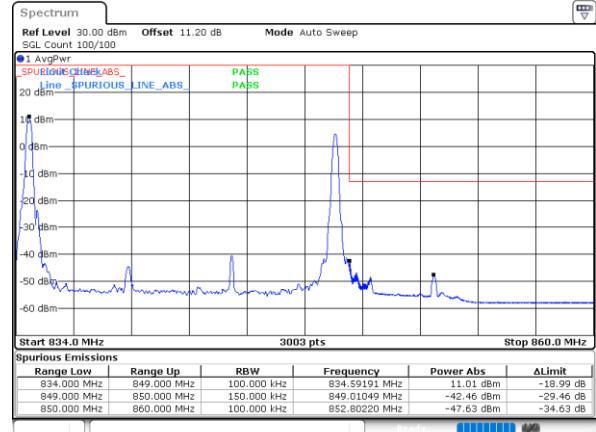
LTE Band 5B / 10MHz+5MHz

QPSK

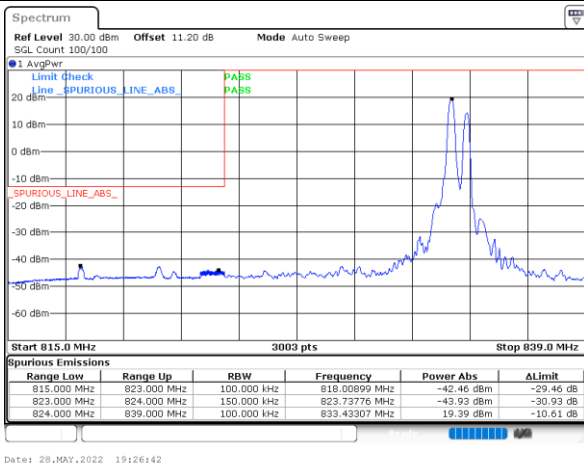
Lowest Band Edge / 1RB0 and 1RB24



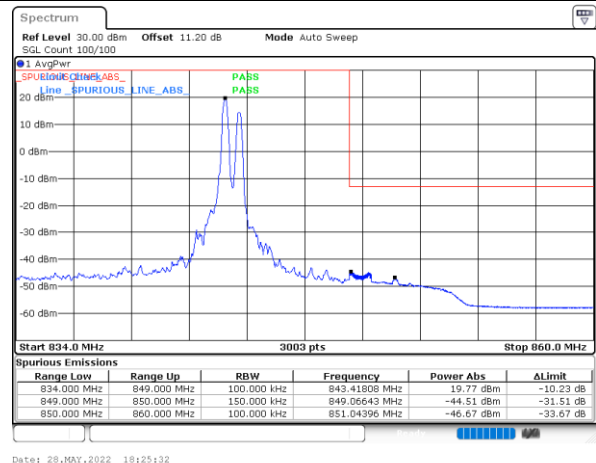
Highest Band Edge / 1RB0 and 1RB24



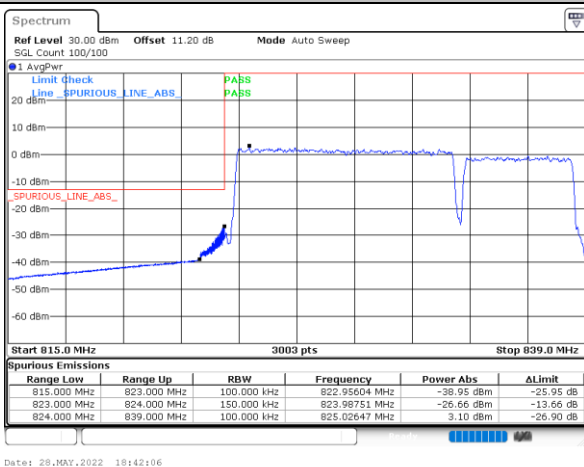
Lowest Band Edge / 1RB49 and 1RB0



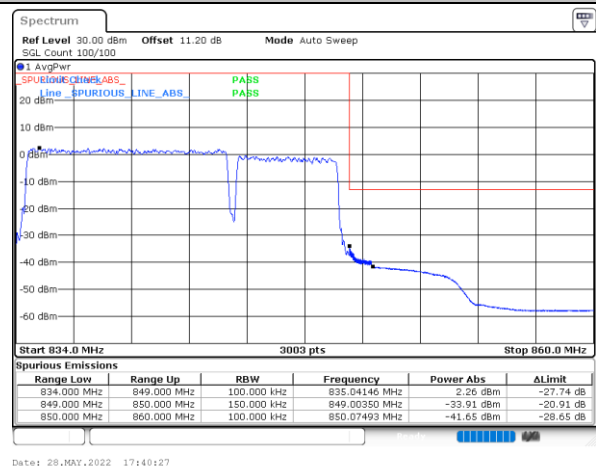
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

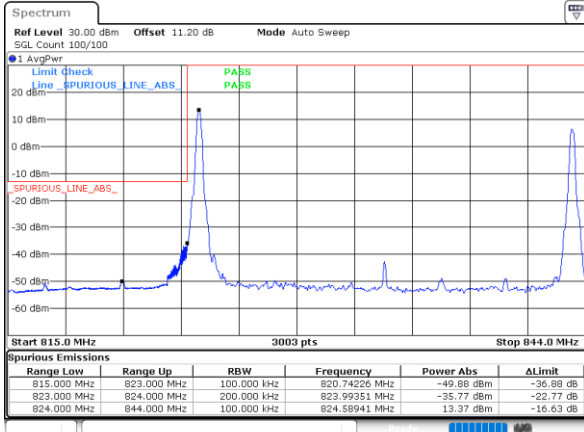




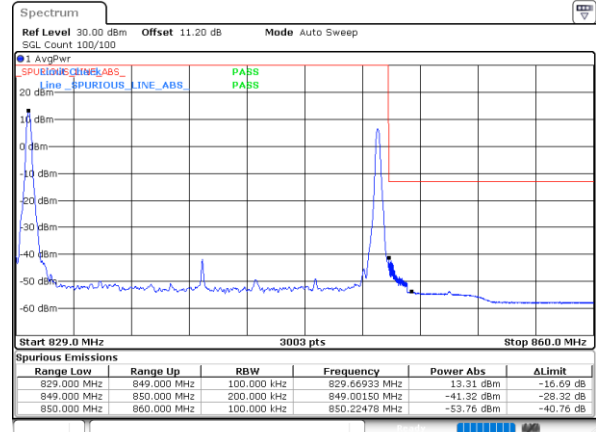
LTE Band 5B / 10MHz+10MHz

QPSK

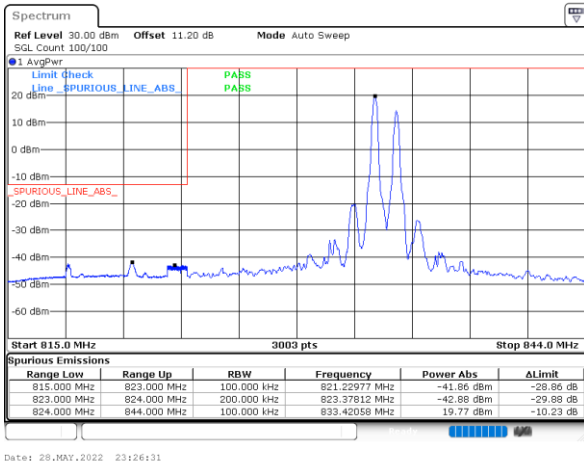
Lowest Band Edge / 1RB0 and 1RB49



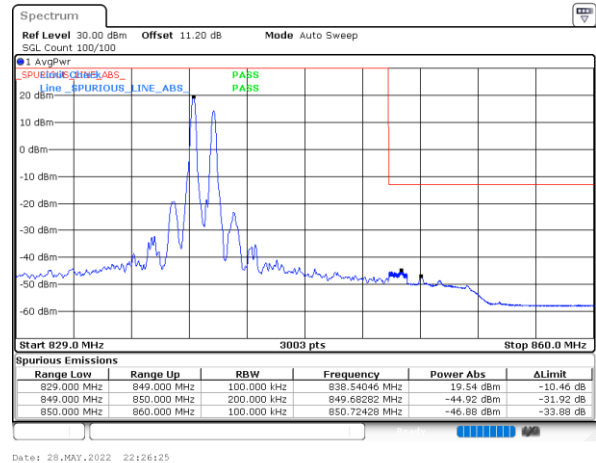
Highest Band Edge / 1RB0 and 1RB49



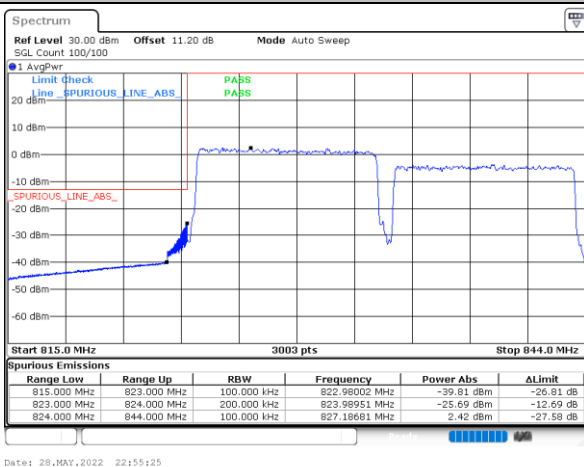
Lowest Band Edge / 1RB49 and 1RB0



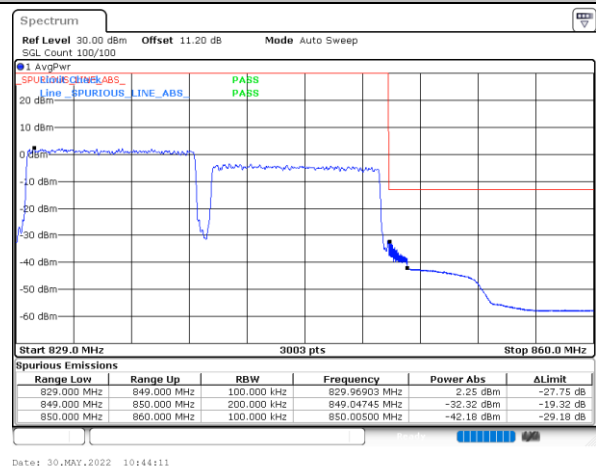
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

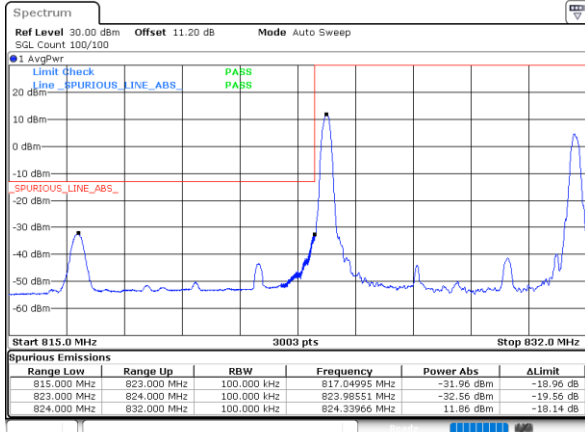




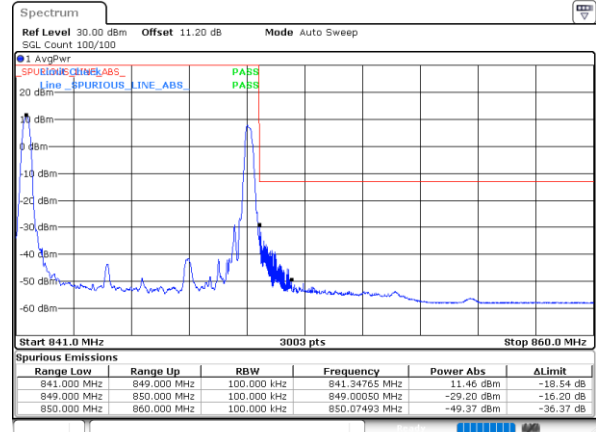
LTE Band 5B / 3MHz+5MHz

16QAM

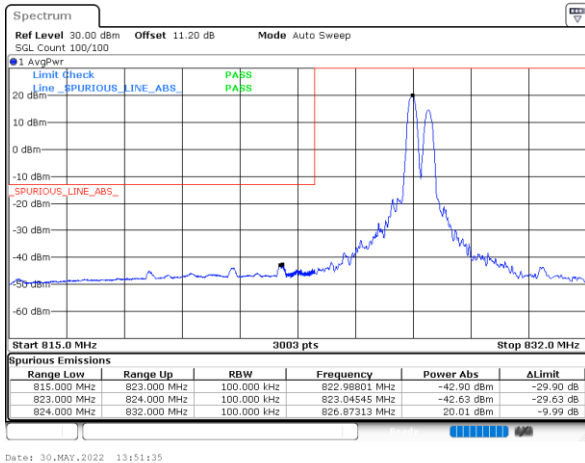
Lowest Band Edge / 1RB0 and 1RB24



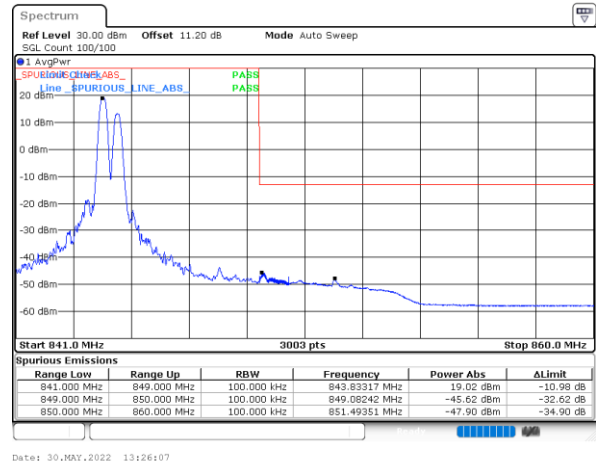
Highest Band Edge / 1RB0 and 1RB24



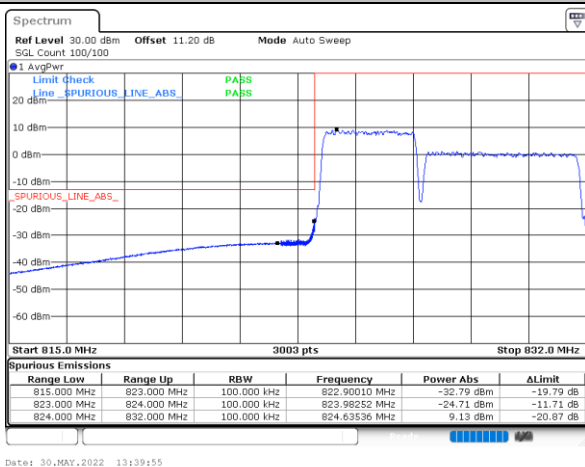
Lowest Band Edge / 1RB14 and 1RB0



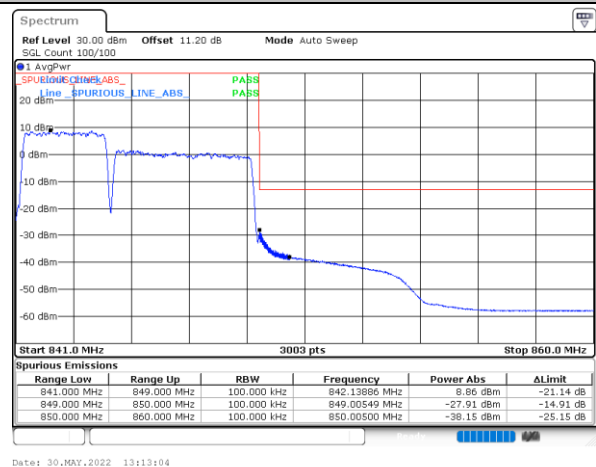
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

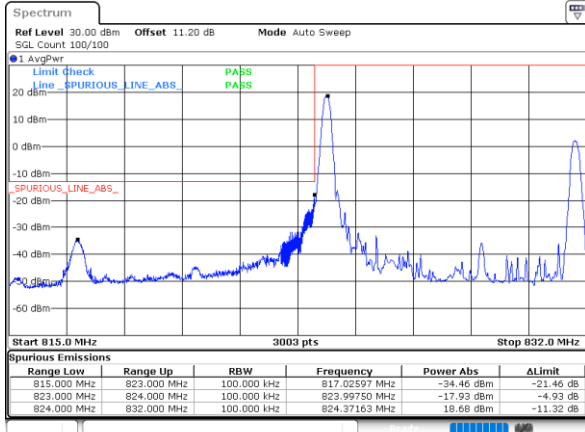




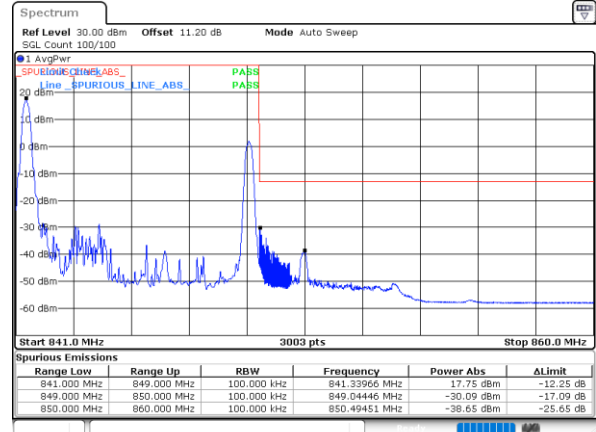
LTE Band 5B / 5MHz+3MHz

16QAM

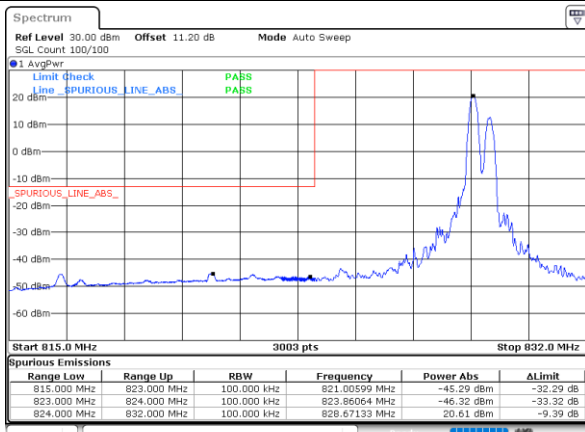
Lowest Band Edge / 1RB0 and 1RB14



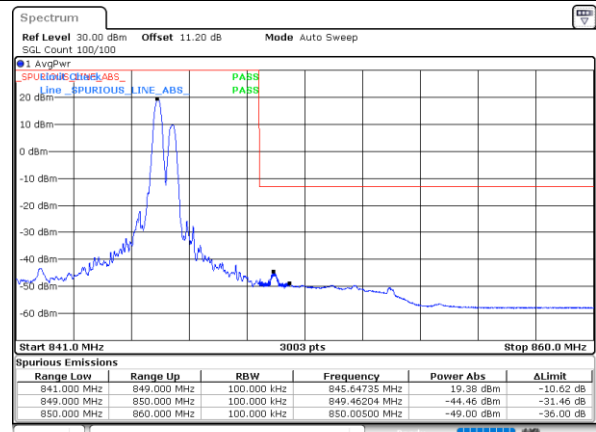
Highest Band Edge / 1RB0 and 1RB14



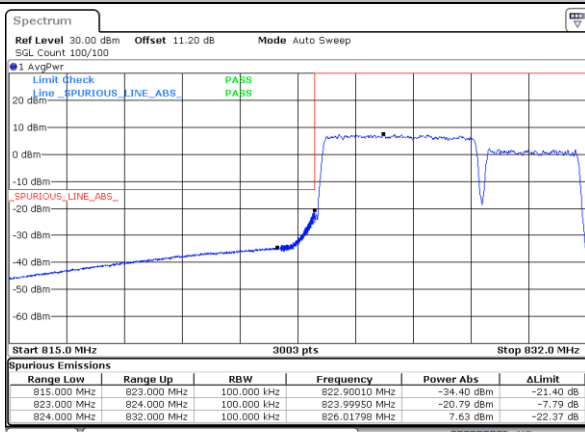
Lowest Band Edge / 1RB24 and 1RB0



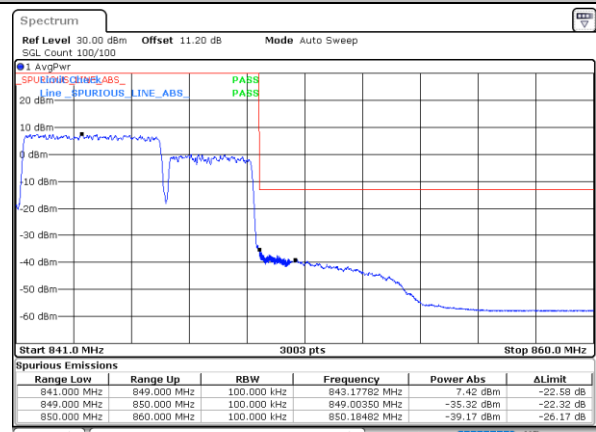
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

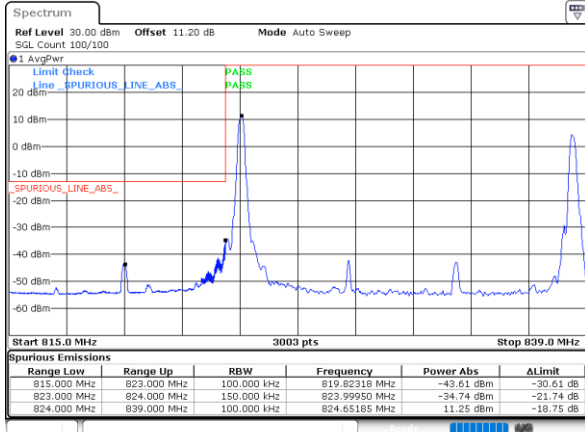




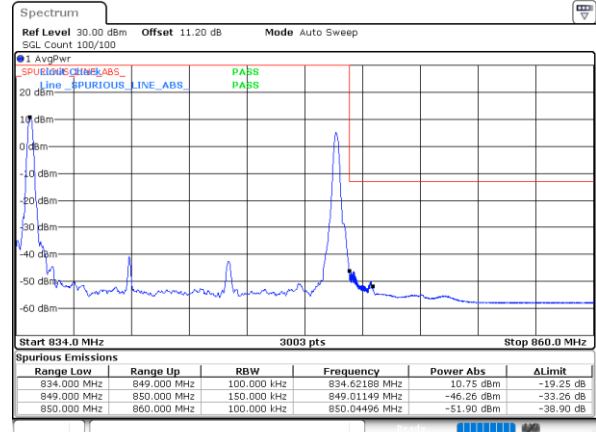
LTE Band 5B / 5MHz+10MHz

16QAM

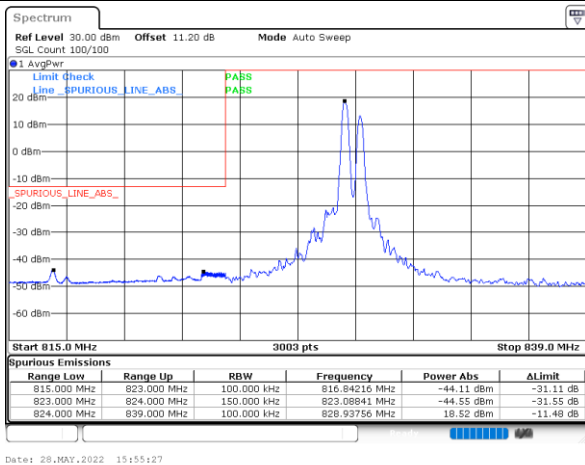
Lowest Band Edge / 1RB0 and 1RB49



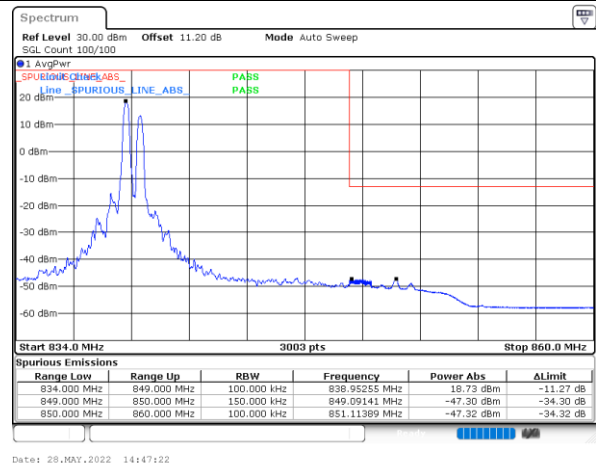
Highest Band Edge / 1RB0 and 1RB49



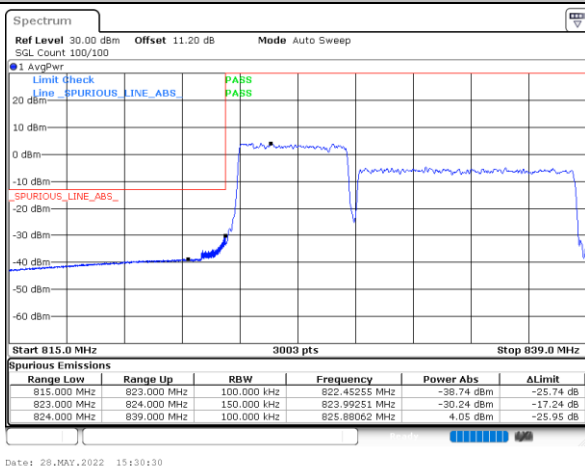
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

