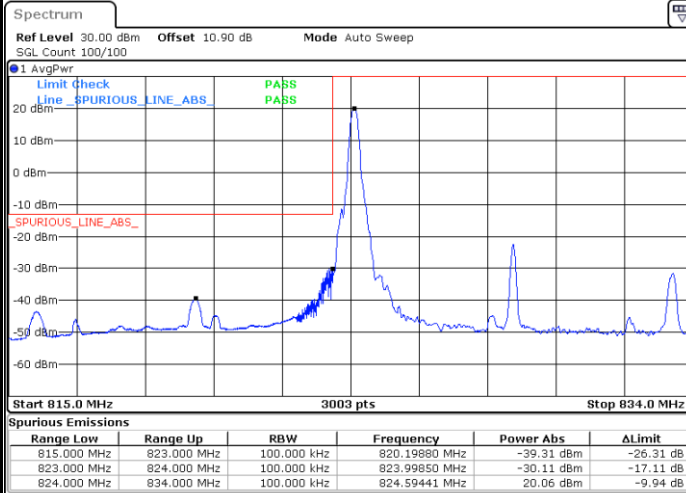


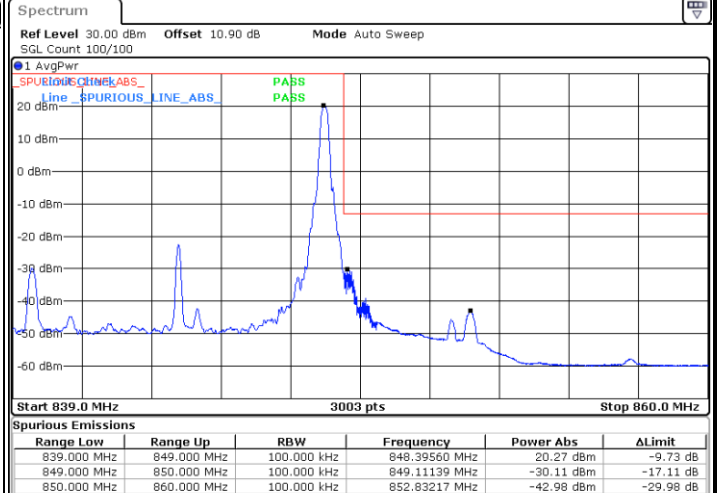


LTE Band 5 / 10MHz / 16QAM

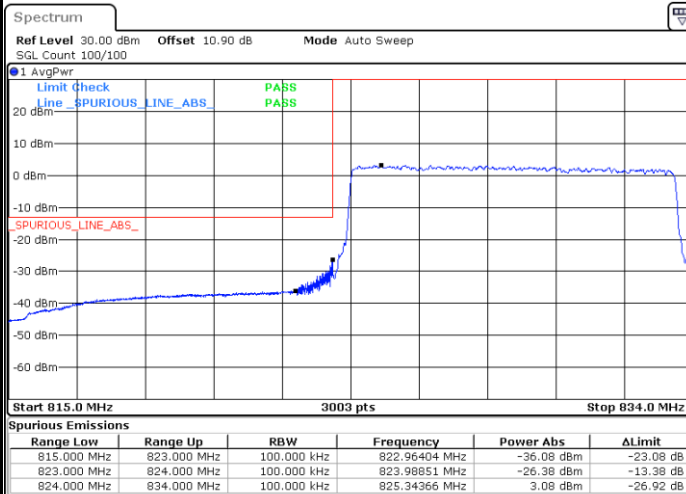
Lowest Band Edge / 1 RB



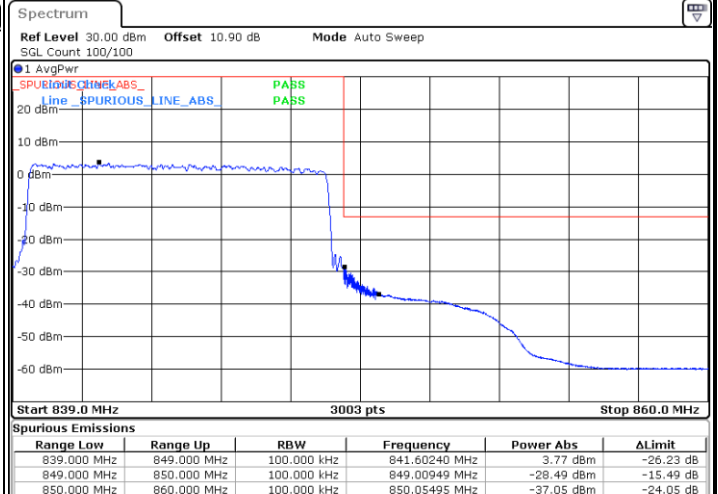
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



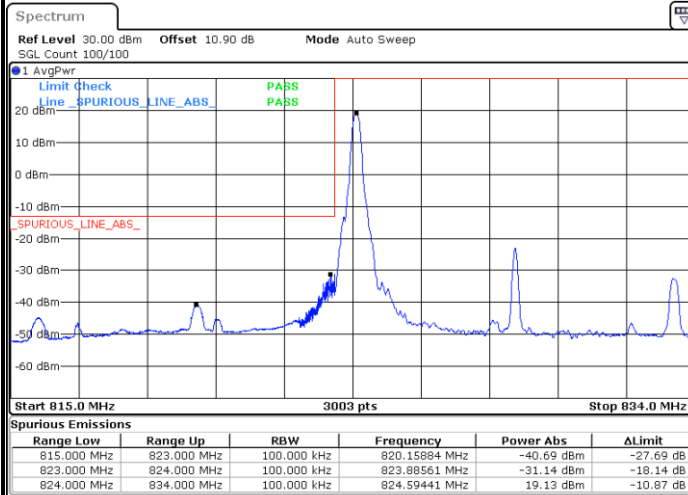
Highest Band Edge / Full RB



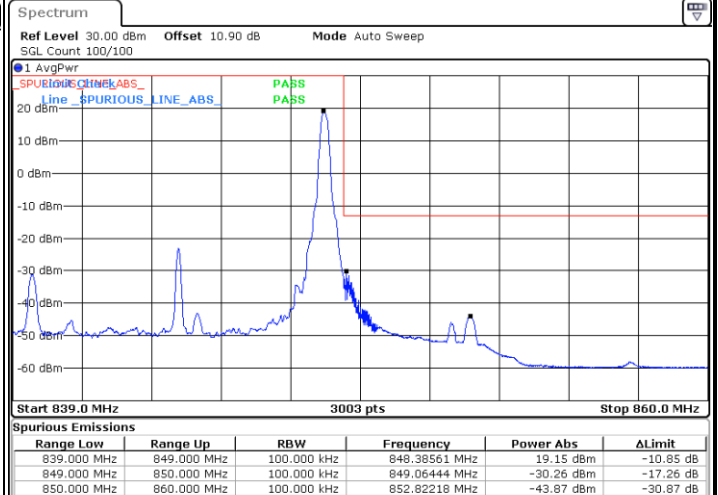


LTE Band 5 / 10MHz / 64QAM

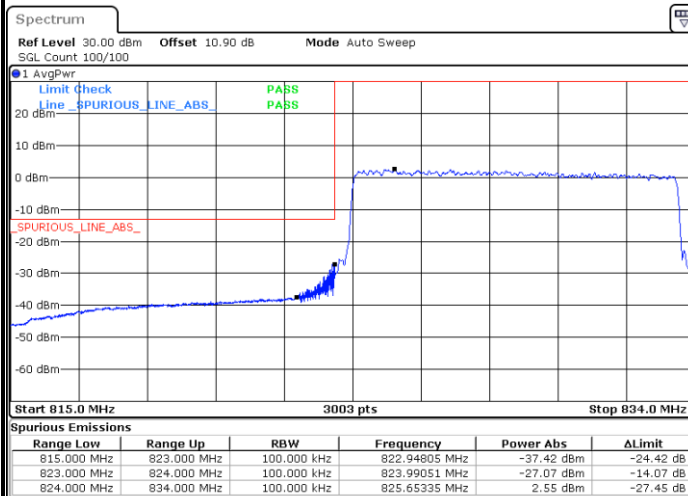
Lowest Band Edge / 1 RB



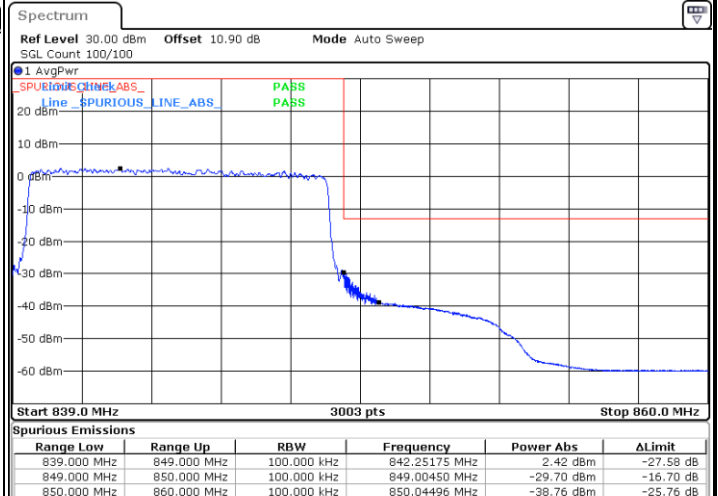
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



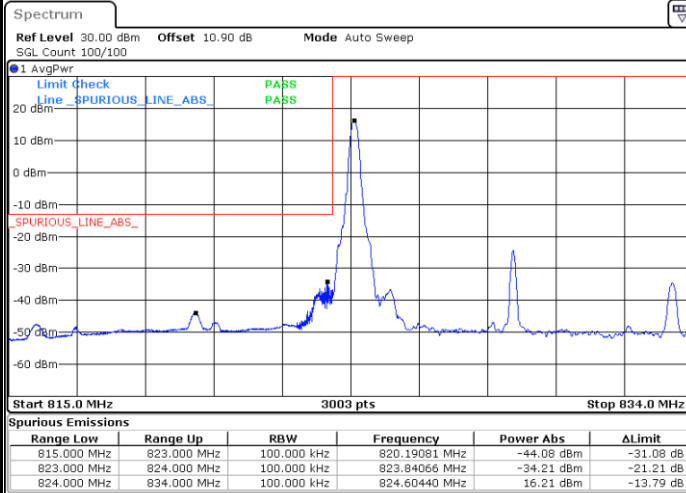
Highest Band Edge / Full RB



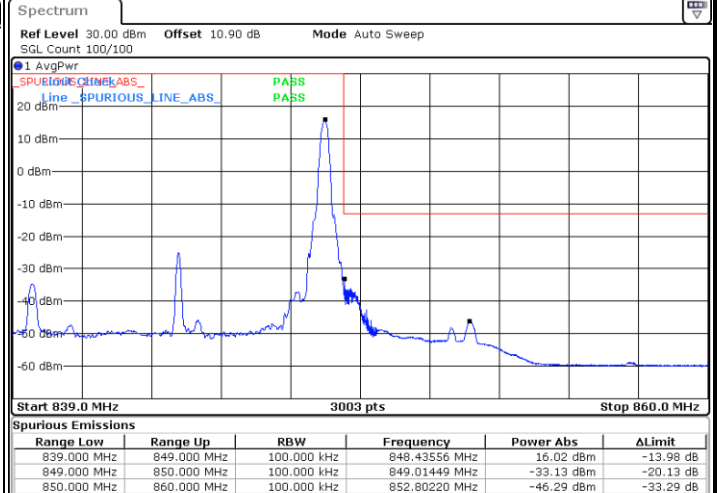


LTE Band 5 / 10MHz / 256QAM

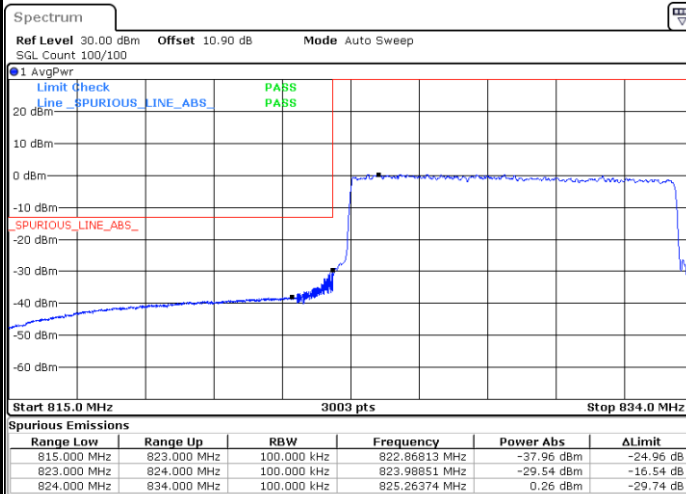
Lowest Band Edge / 1 RB



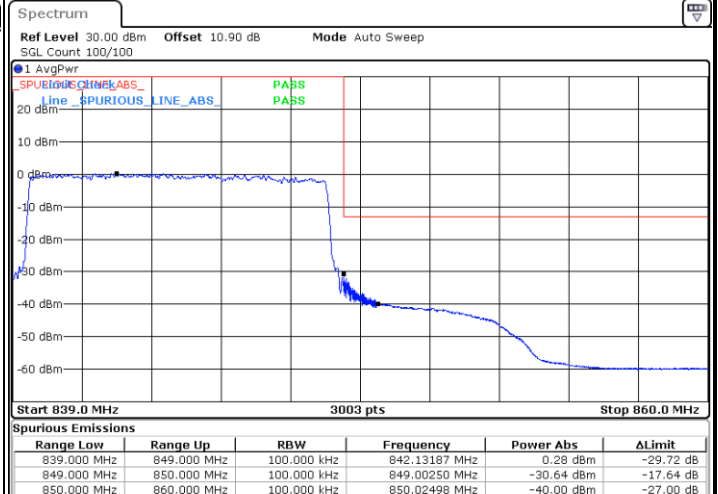
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

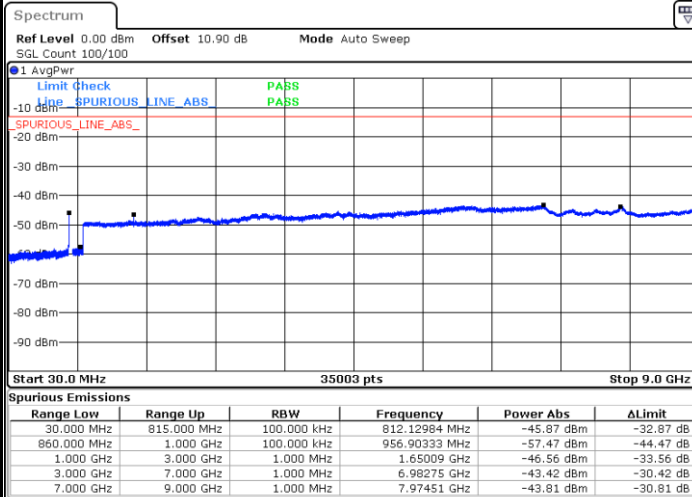




Conducted Spurious Emission

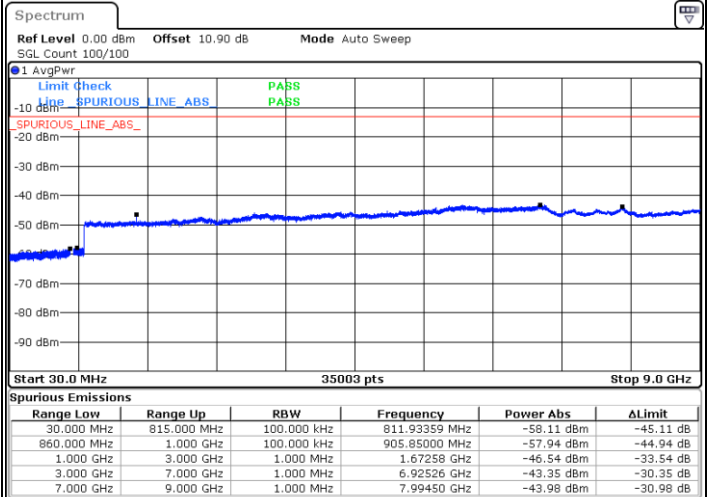
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



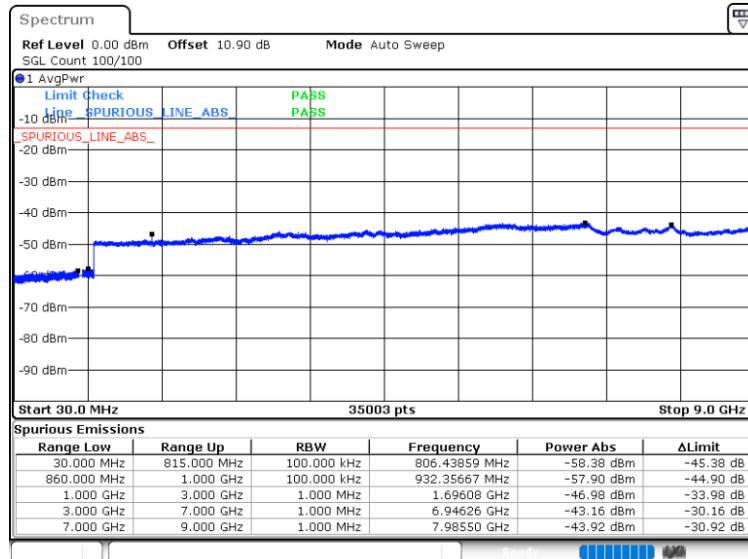
Date: 6.JUN.2021 11:17:19

Middle Channel / QPSK



Date: 6.JUN.2021 11:19:22

Highest Channel / QPSK

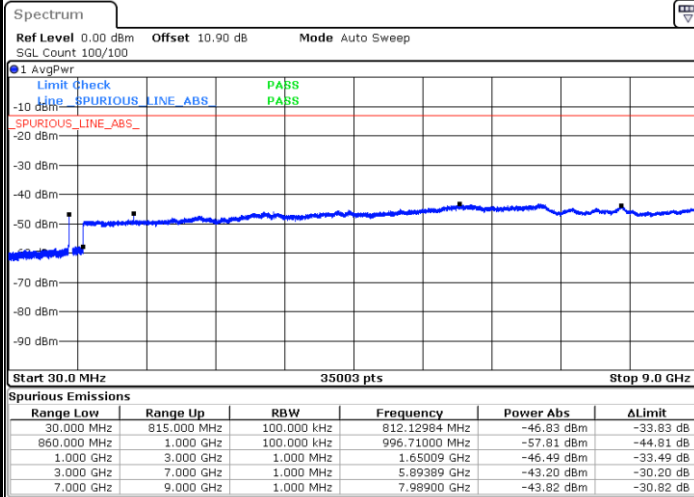


Date: 6.JUN.2021 11:27:23



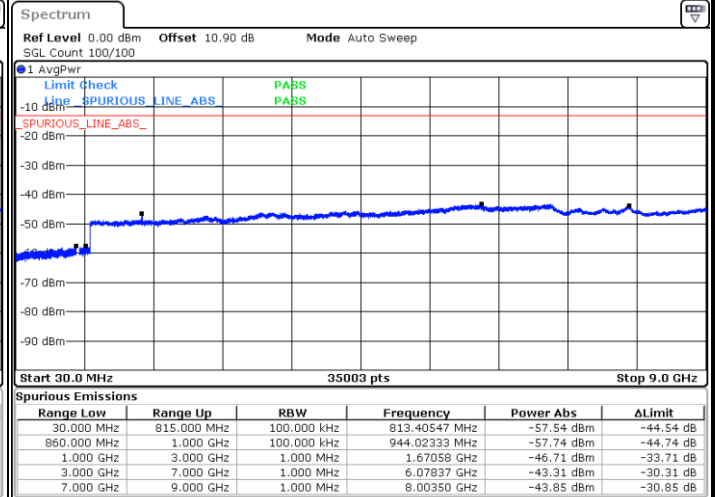
LTE Band 5 / 3MHz

Lowest Channel / QPSK



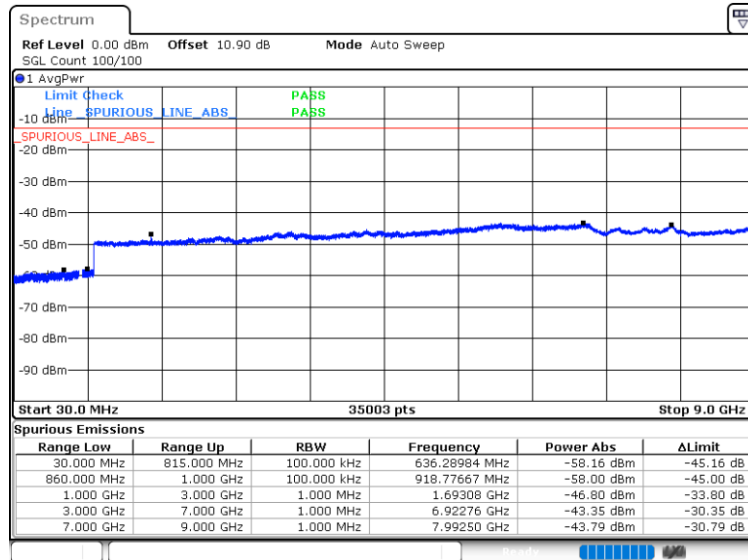
Date: 6.JUN.2021 11:44:30

Middle Channel / QPSK



Date: 6.JUN.2021 11:46:33

Highest Channel / QPSK

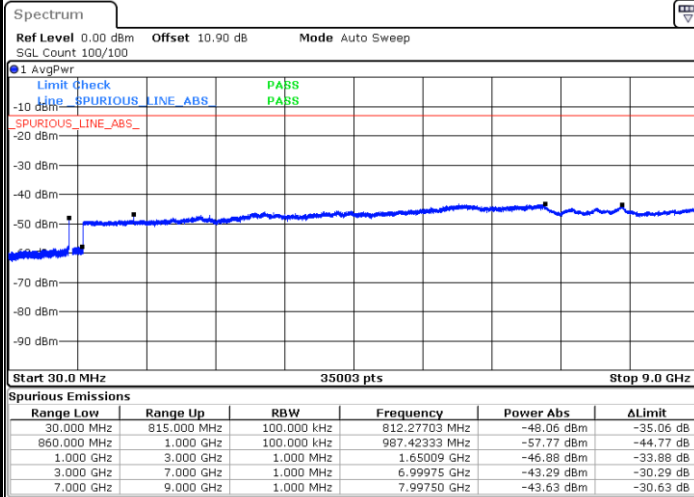


Date: 6.JUN.2021 11:54:34



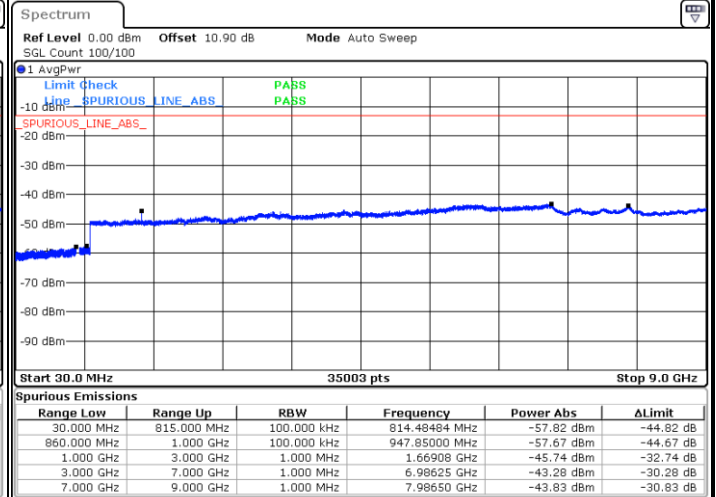
LTE Band 5 / 5MHz

Lowest Channel / QPSK



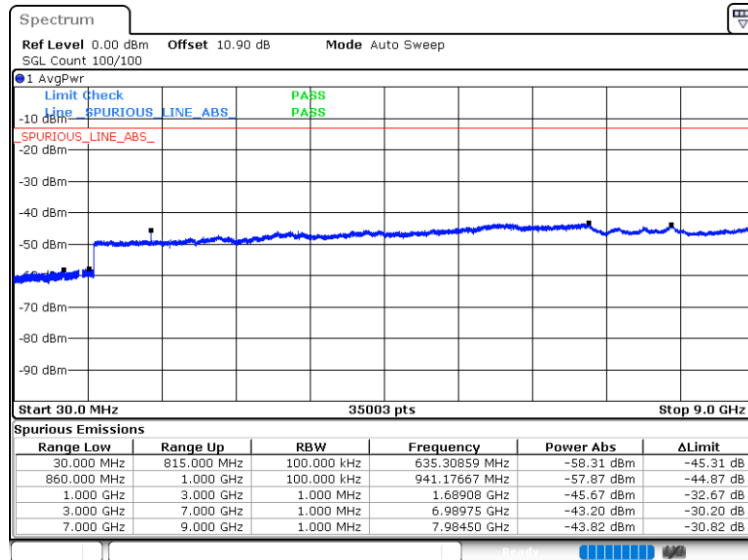
Date: 6.JUN.2021 12:11:04

Middle Channel / QPSK



Date: 6.JUN.2021 12:13:08

Highest Channel / QPSK

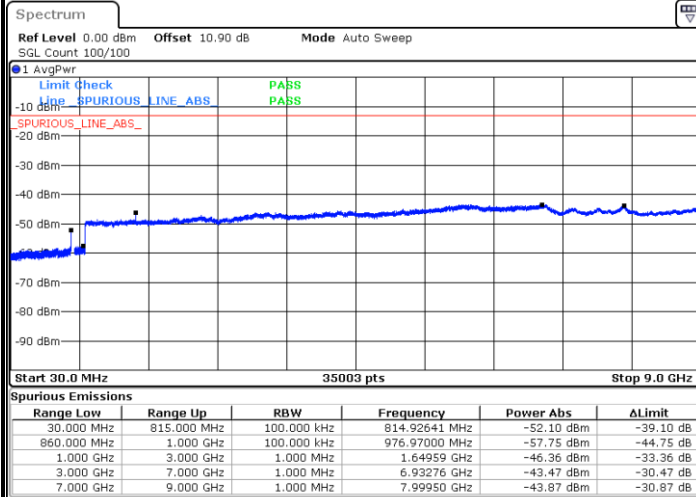


Date: 6.JUN.2021 12:21:09



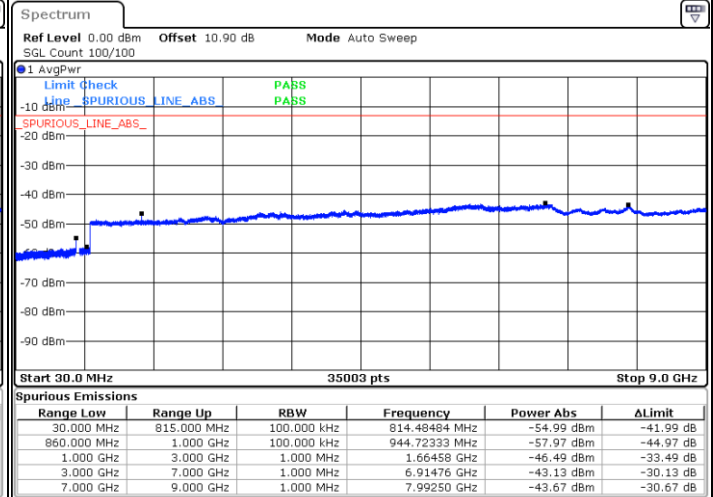
LTE Band 5 / 10MHz

Lowest Channel / QPSK



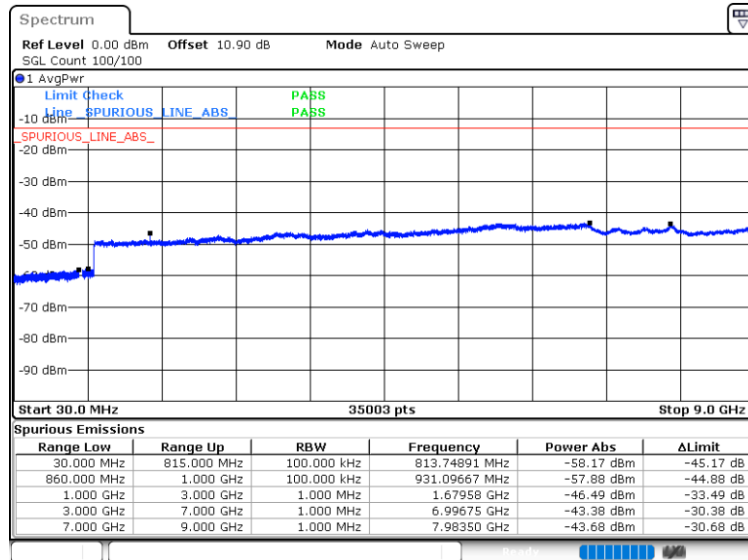
Date: 6.JUN.2021 12:37:33

Middle Channel / QPSK



Date: 6.JUN.2021 12:39:36

Highest Channel / QPSK



Date: 6.JUN.2021 12:47:36

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	0.0041	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0098	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0090	
-20	Normal Voltage	0.0110	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0094	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0055	

Note:

1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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	-	-	14.78
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.02	19.74	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	14.78
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.87	19.82	-

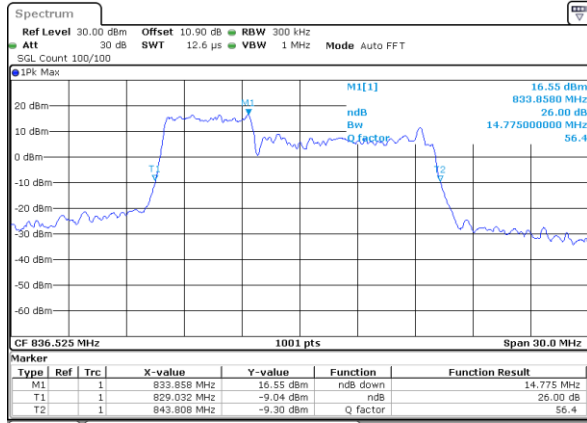
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	14.48
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.81	20.02	-

Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	14.51
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.81	19.58	-

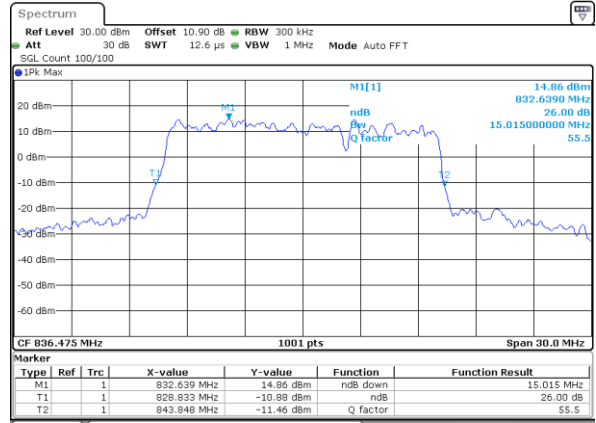


LTE Band 5B

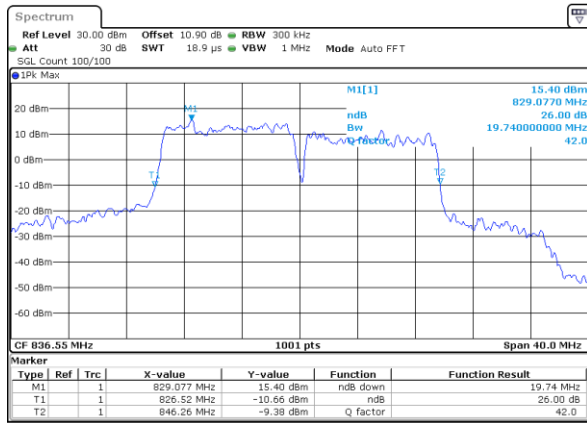
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

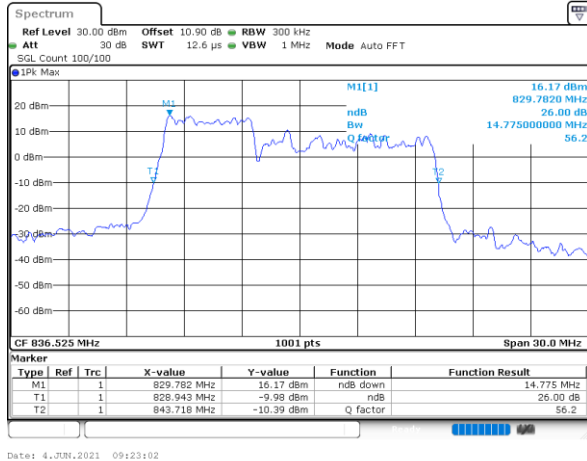


N/A

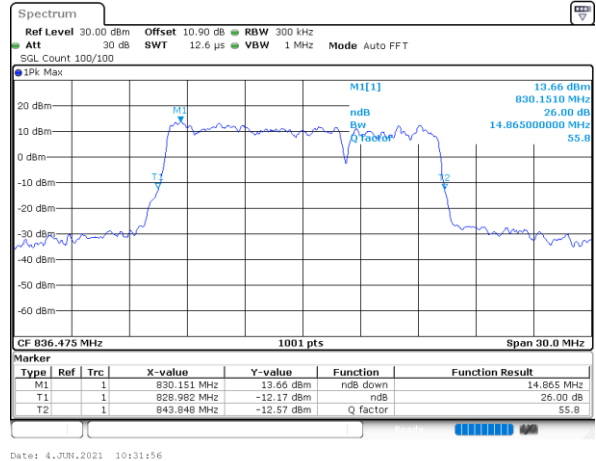


LTE Band 5B

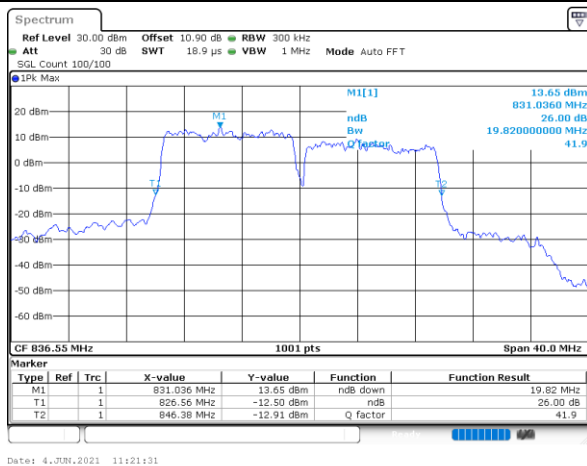
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

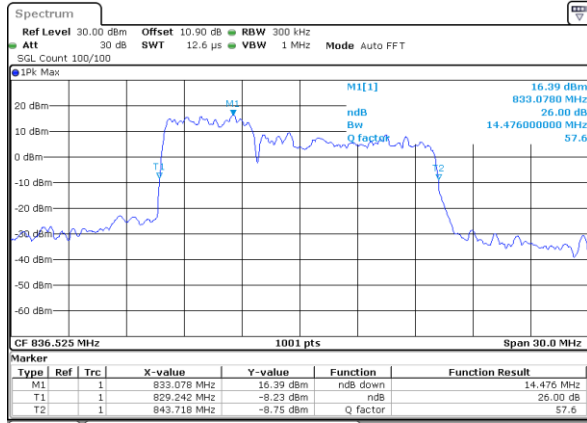


N/A



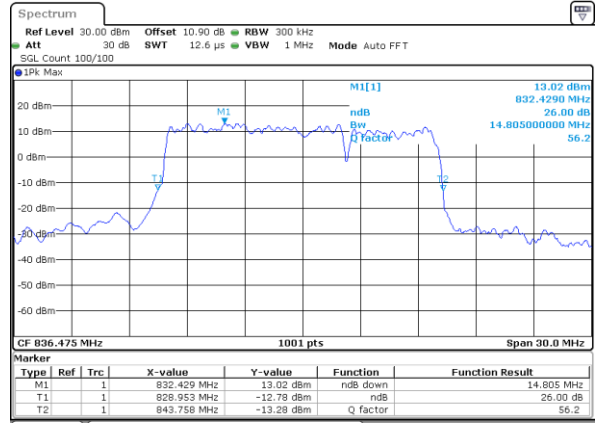
LTE Band 5B

Middle Channel / 5MHz+10MHz



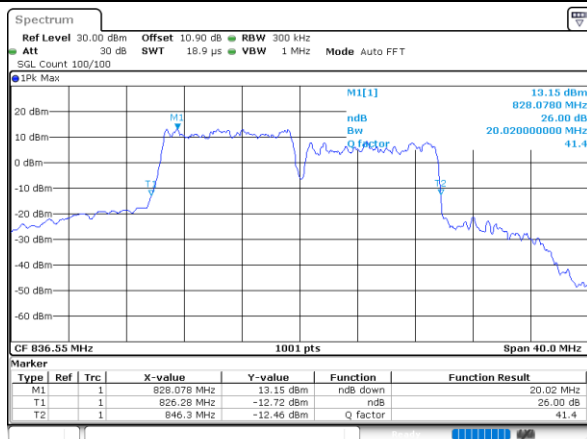
Date: 4.JUN.2021 09:22:35

Middle Channel / 10MHz+5MHz



Date: 4.JUN.2021 10:31:28

Middle Channel / 10MHz+10MHz



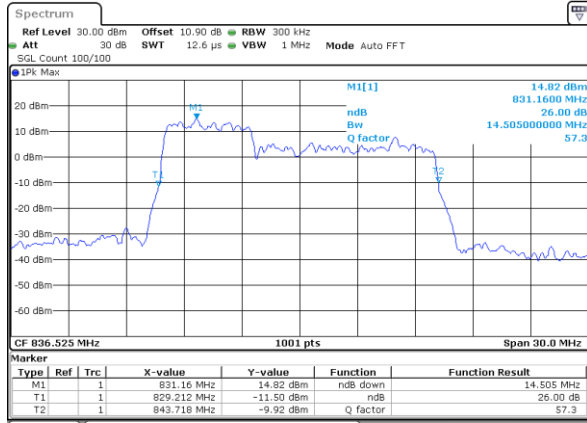
Date: 4.JUN.2021 11:21:04

N/A



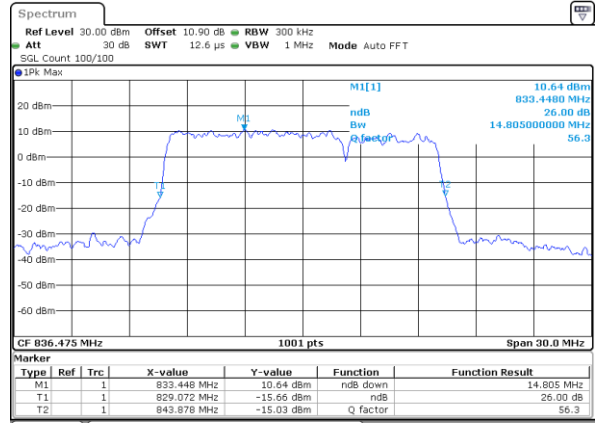
LTE Band 5B

Middle Channel / 5MHz+10MHz



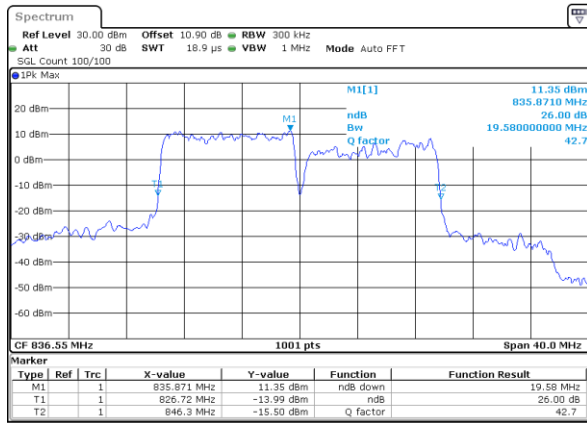
Date: 4 JUN 2021 09:26:05

Middle Channel / 10MHz+5MHz



Date: 4 JUN 2021 10:34:44

Middle Channel / 10MHz+10MHz



Date: 4 JUN 2021 11:23:51

N/A

Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
	QPSK		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	13.85
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.62	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	16QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	13.79
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.74	-

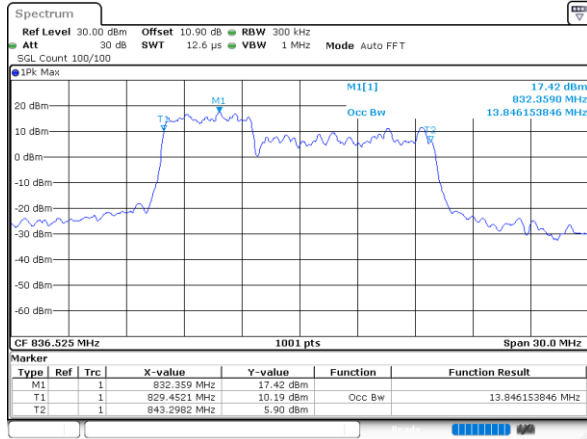
Mode	LTE Band 5B : 99%OBW(MHz)		
	64QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	13.70
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.94	18.78	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	254QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	13.76
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.06	18.74	-

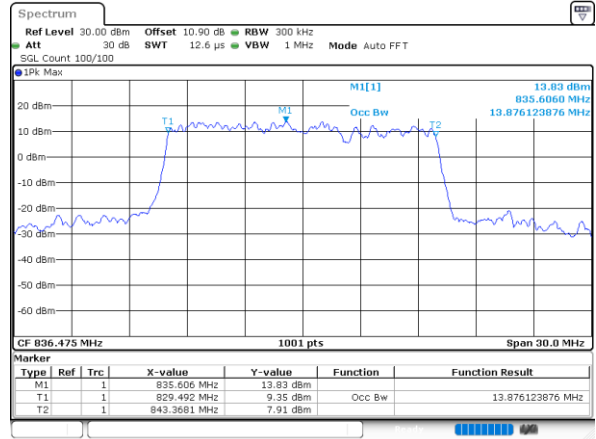


LTE Band 5B

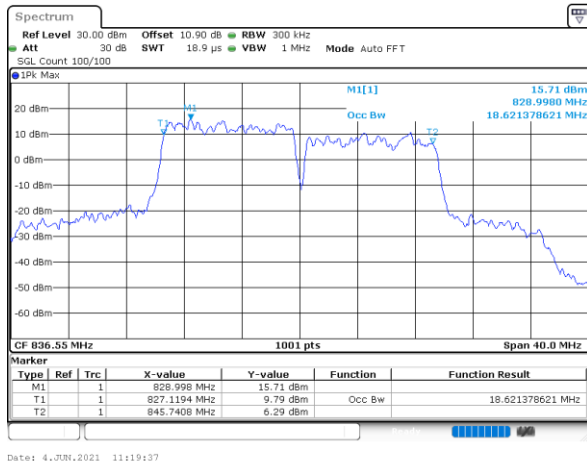
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

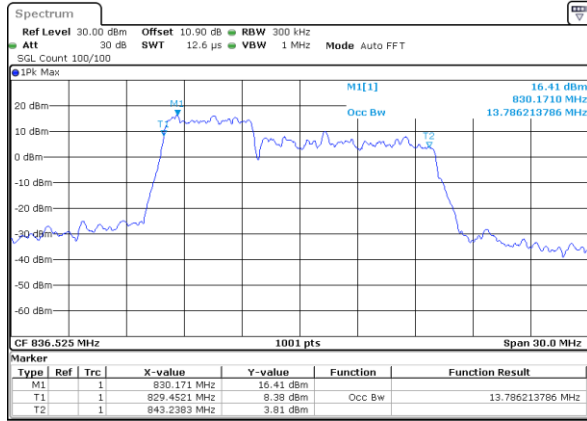


N/A



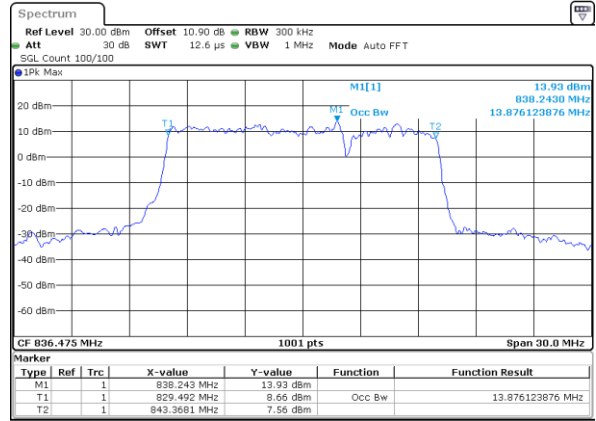
LTE Band 5B

Middle Channel / 5MHz+10MHz



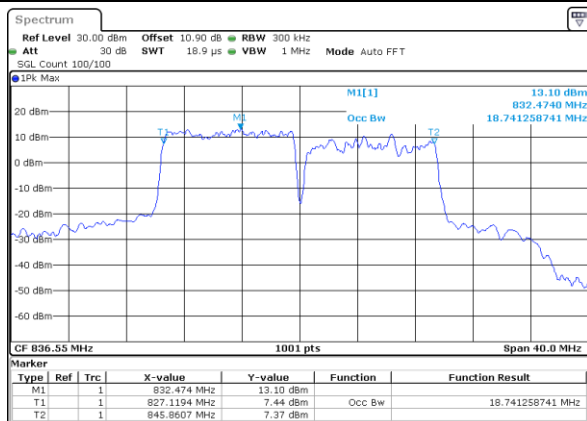
Date: 4 JUN 2021 09:21:37

Middle Channel / 10MHz+5MHz



Date: 4 JUN 2021 10:30:31

Middle Channel / 10MHz+10MHz



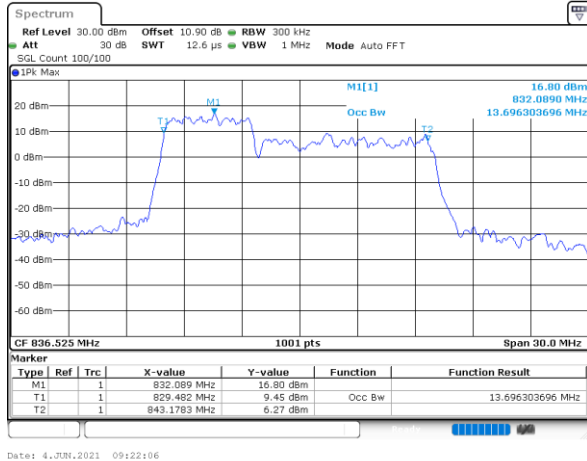
Date: 4 JUN 2021 11:20:56

N/A

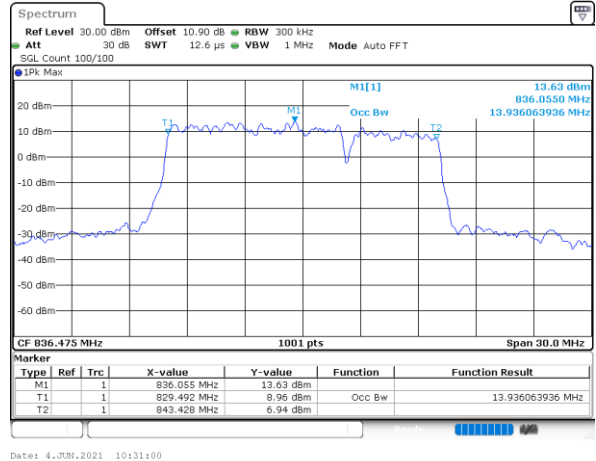


LTE Band 5B

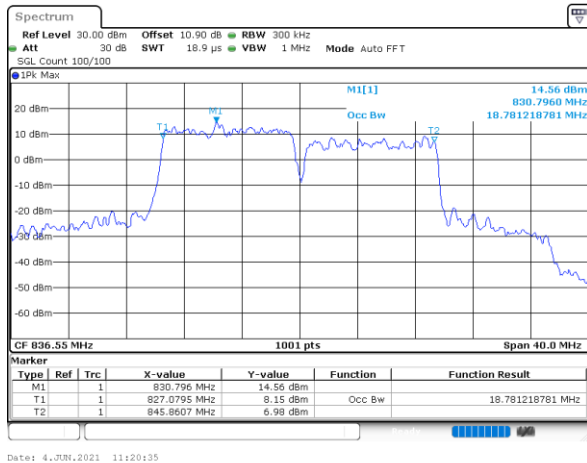
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz

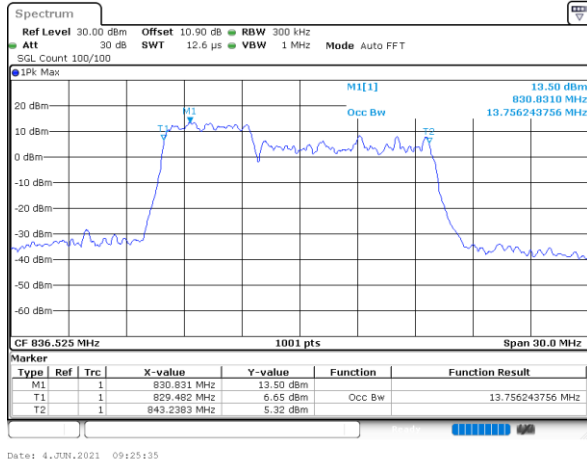


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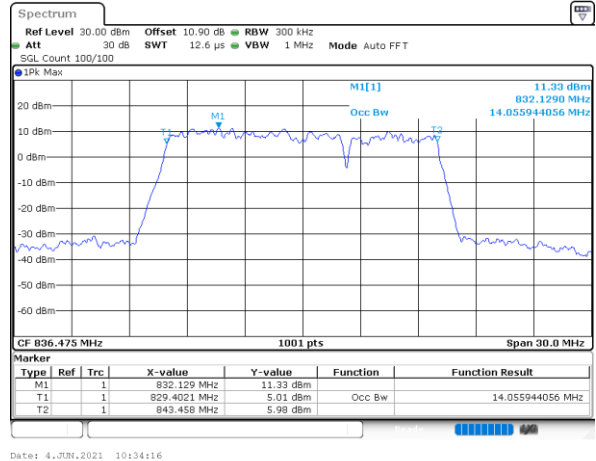


LTE Band 5B

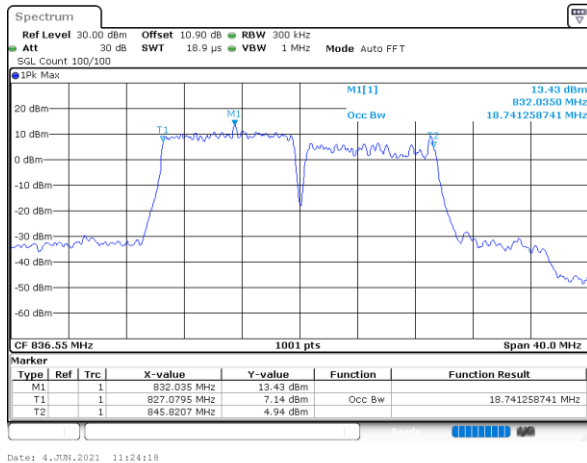
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

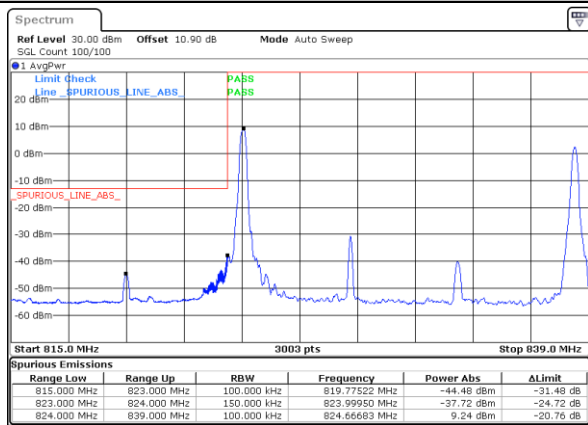


Conducted Band Edge

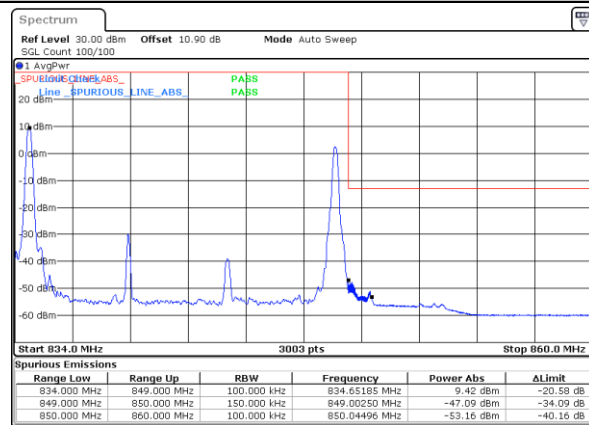
LTE Band 5B / 5MHz+10MHz

QPSK

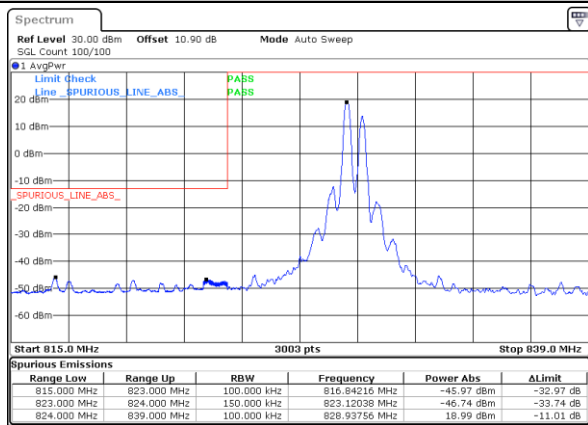
Lowest Band Edge / 1RB0 and 1RB49



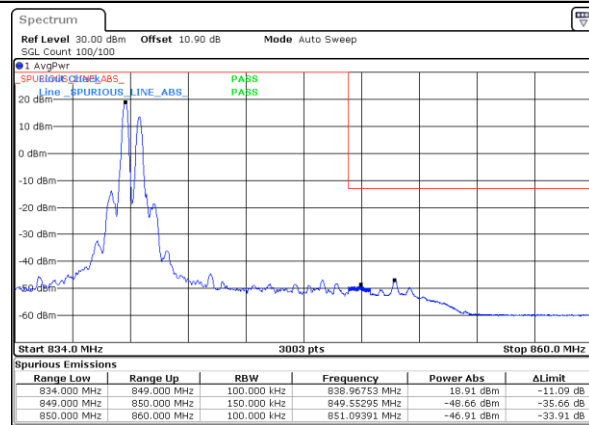
Highest Band Edge / 1RB0 and 1RB49



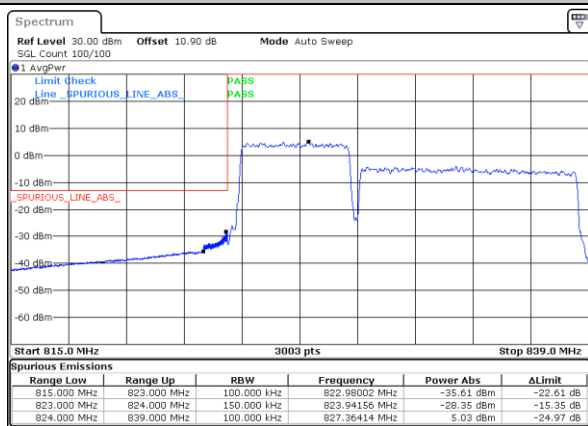
Lowest Band Edge / 1RB24 and 1RB0



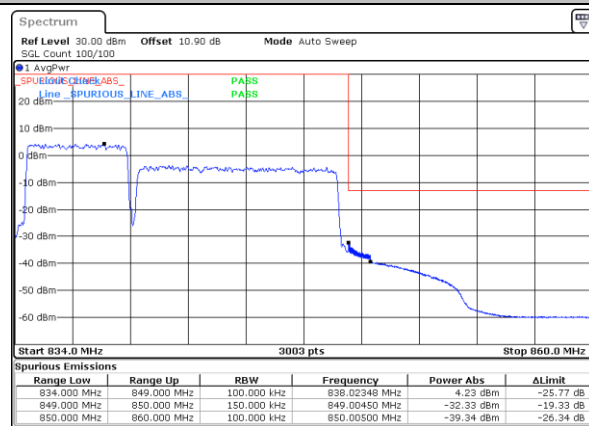
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

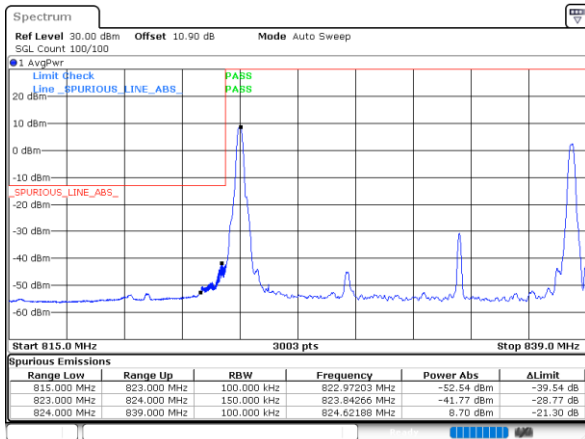




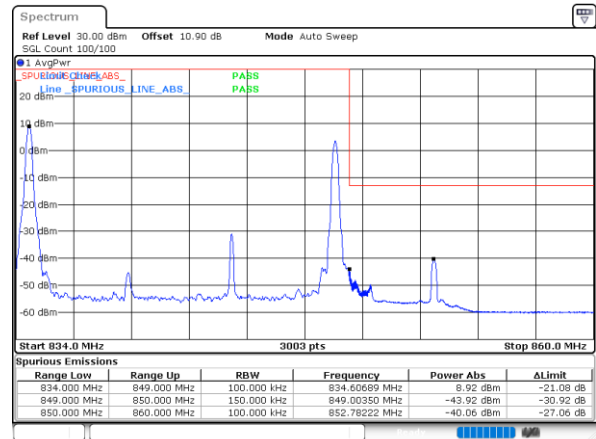
LTE Band 5B / 10MHz+5MHz

QPSK

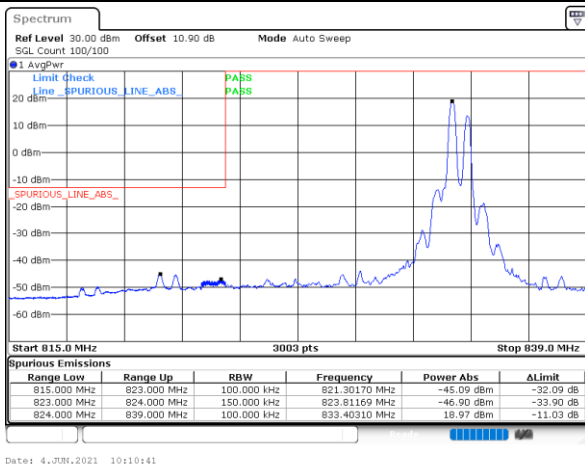
Lowest Band Edge / 1RB0 and 1RB24



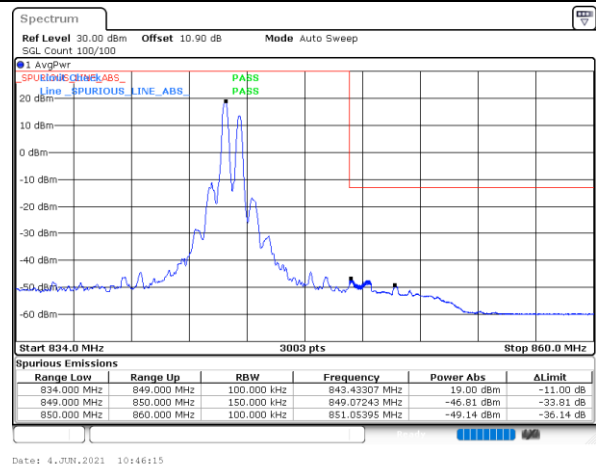
Highest Band Edge / 1RB0 and 1RB24



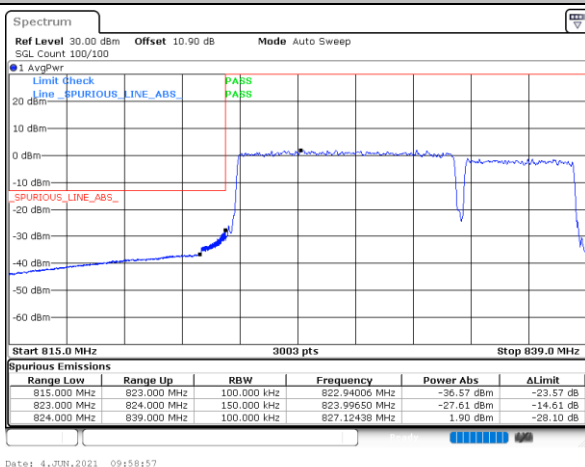
Lowest Band Edge / 1RB49 and 1RB0



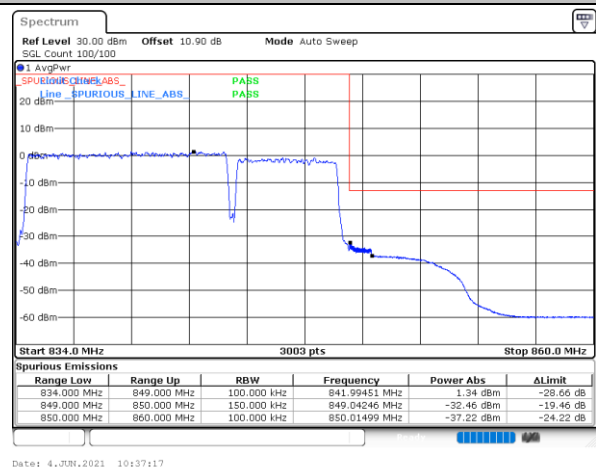
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

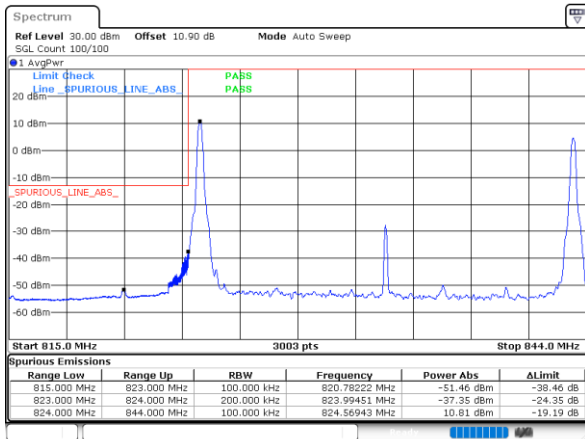




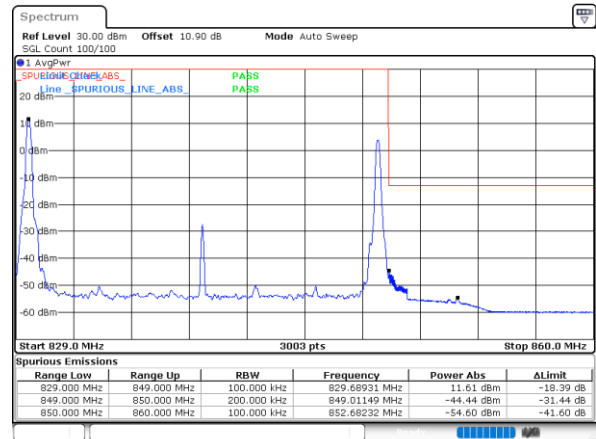
LTE Band 5B / 10MHz+10MHz

QPSK

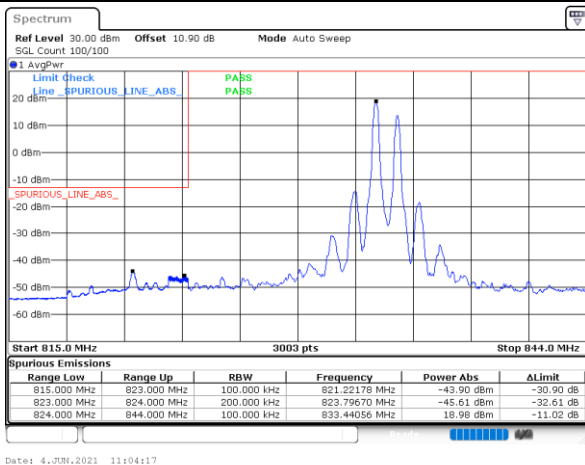
Lowest Band Edge / 1RB0 and 1RB49



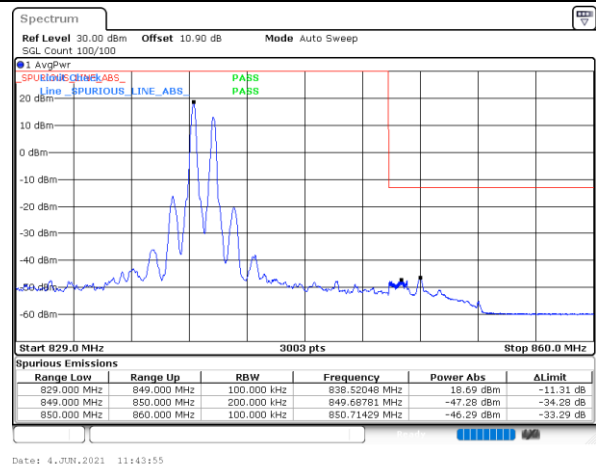
Highest Band Edge / 1RB0 and 1RB49



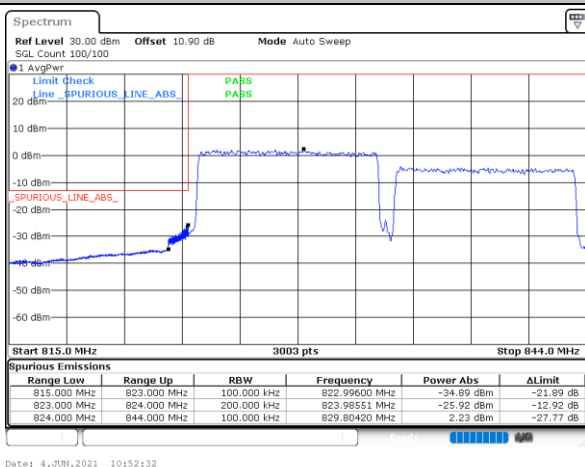
Lowest Band Edge / 1RB49 and 1RB0



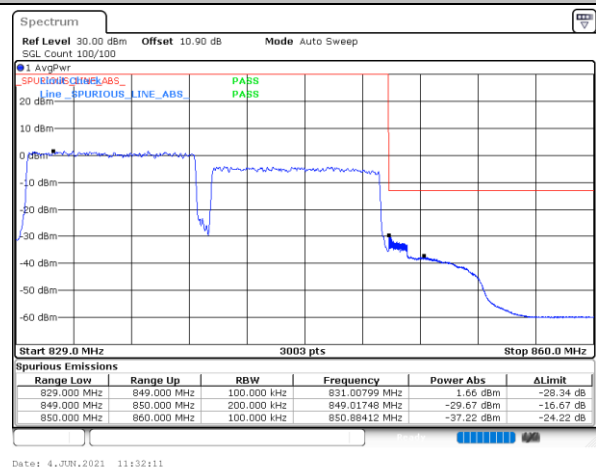
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

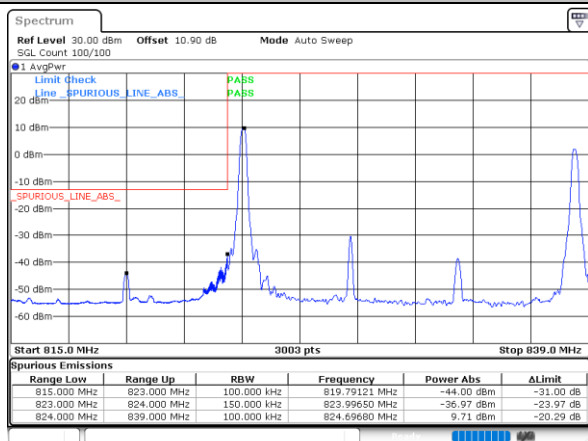




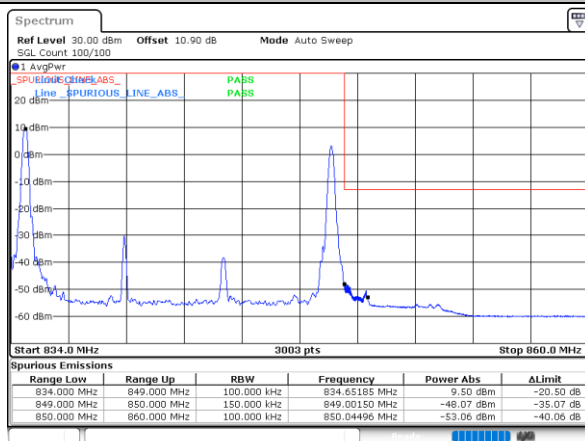
LTE Band 5B / 5MHz+10MHz

16QAM

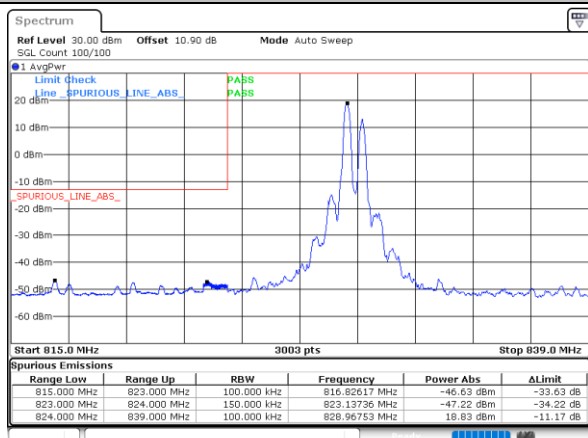
Lowest Band Edge / 1RB0 and 1RB49



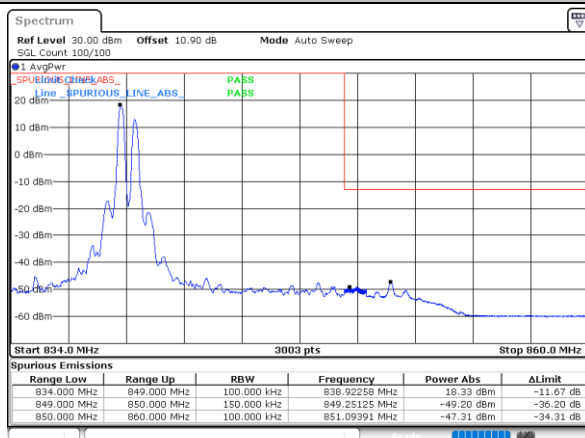
Highest Band Edge / 1RB0 and 1RB49



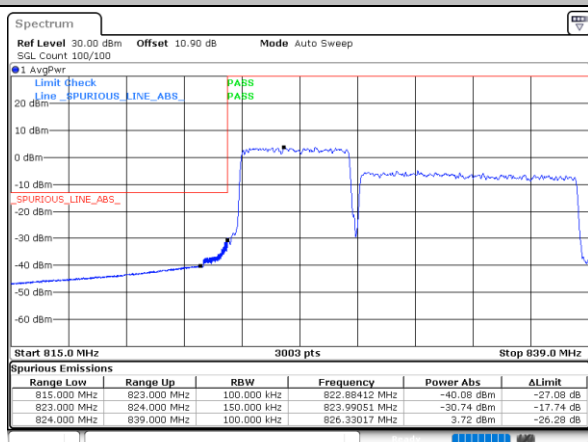
Lowest Band Edge / 1RB24 and 1RB0



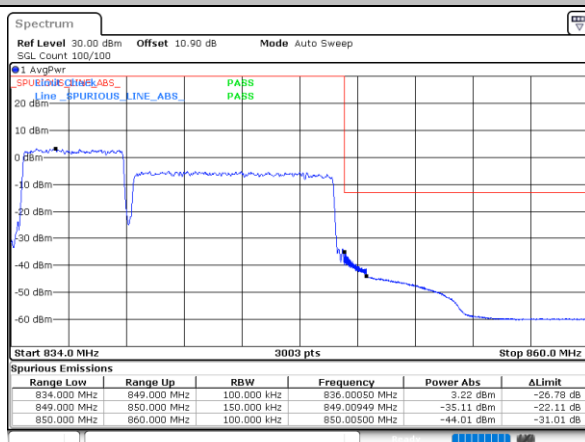
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

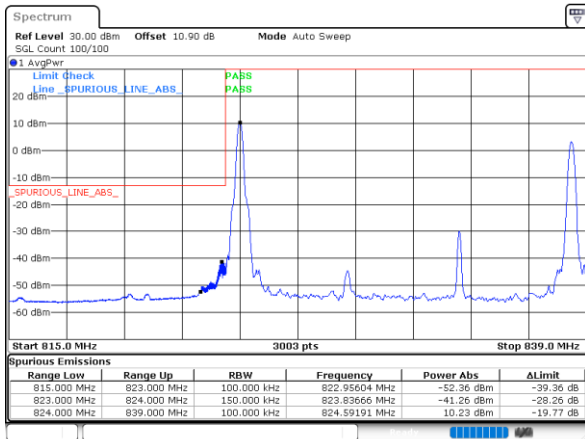




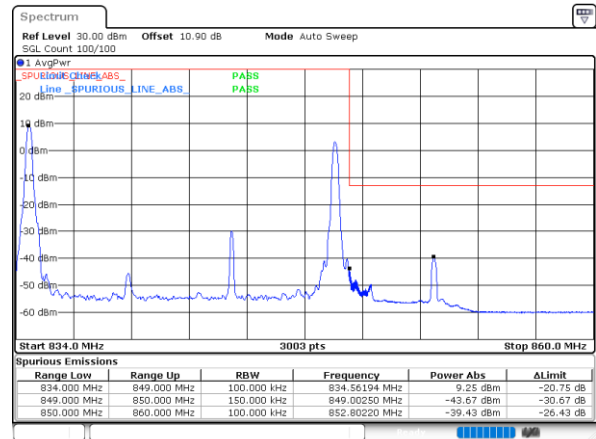
LTE Band 5B / 10MHz+5MHz

16QAM

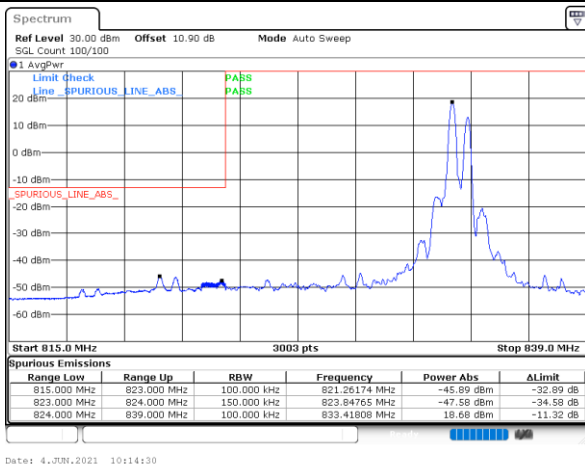
Lowest Band Edge / 1RB0 and 1RB24



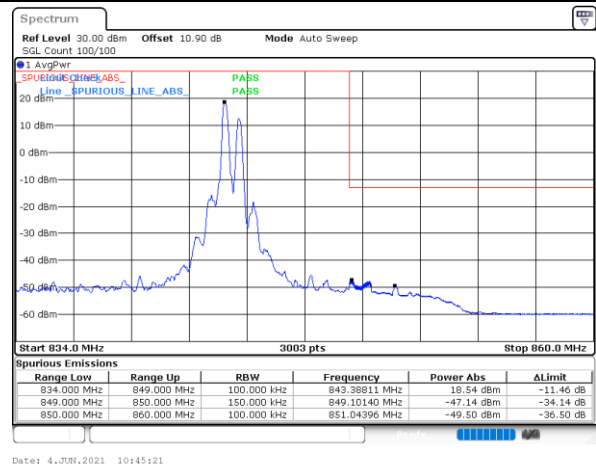
Highest Band Edge / 1RB0 and 1RB24



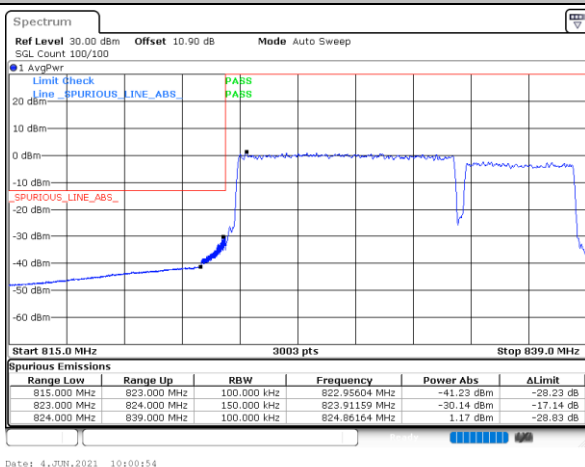
Lowest Band Edge / 1RB49 and 1RB0



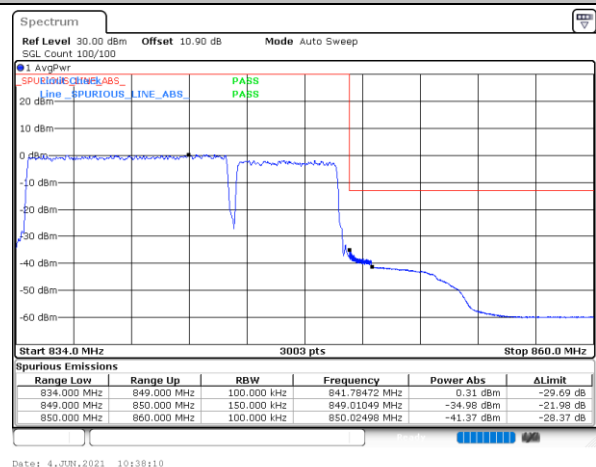
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

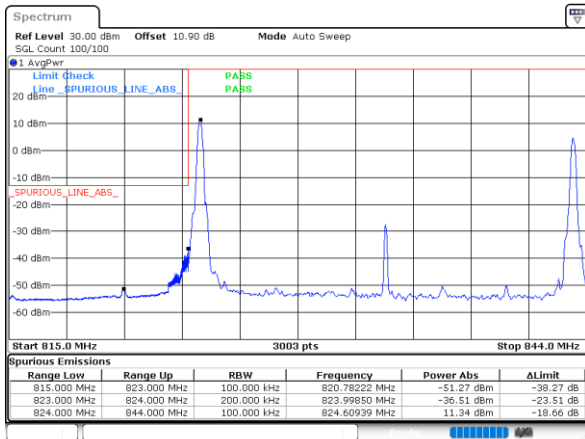




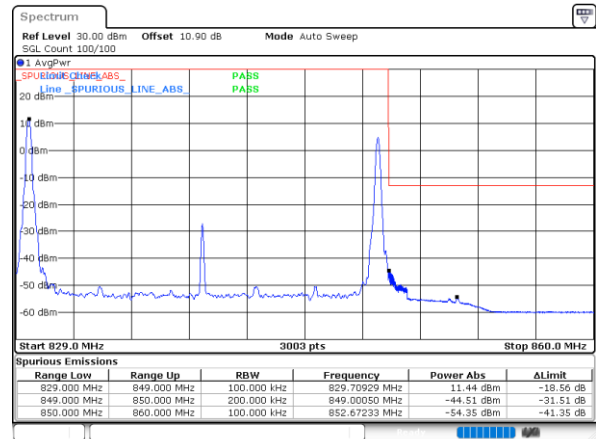
LTE Band 5B / 10MHz+10MHz

16QAM

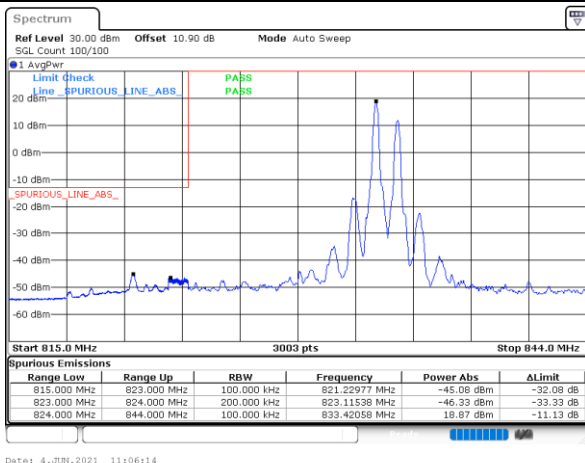
Lowest Band Edge / 1RB0 and 1RB49



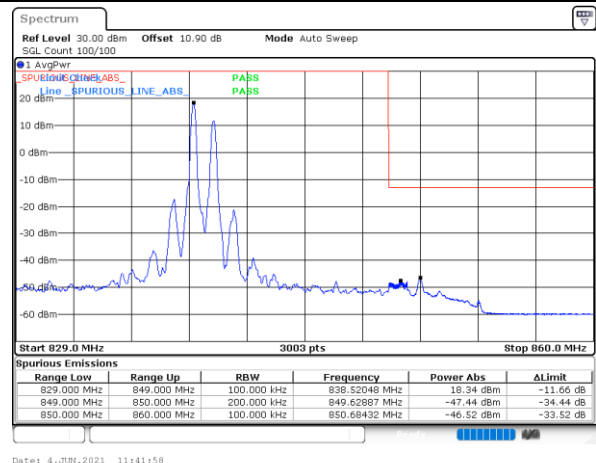
Highest Band Edge / 1RB0 and 1RB49



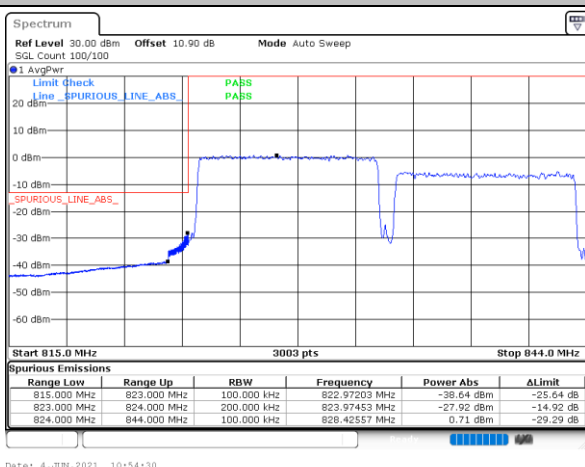
Lowest Band Edge / 1RB49 and 1RB0



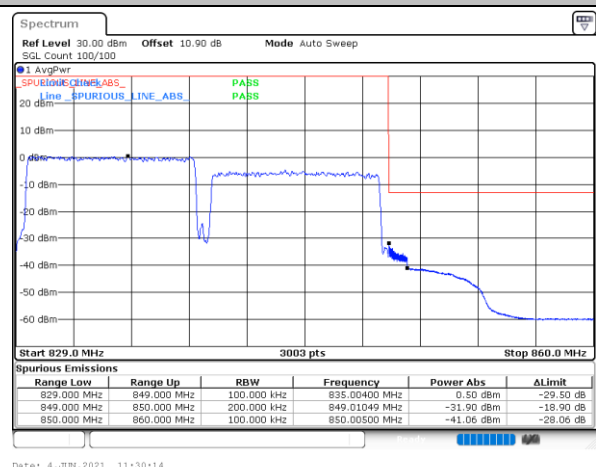
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

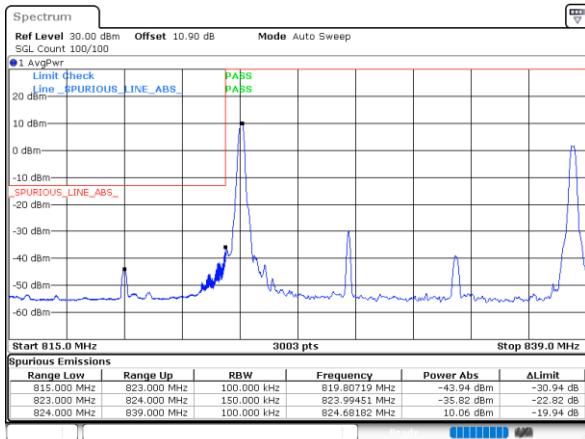




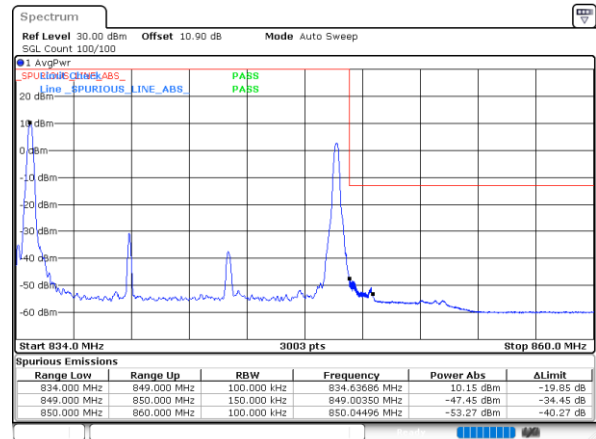
LTE Band 5B / 5MHz+10MHz

64QAM

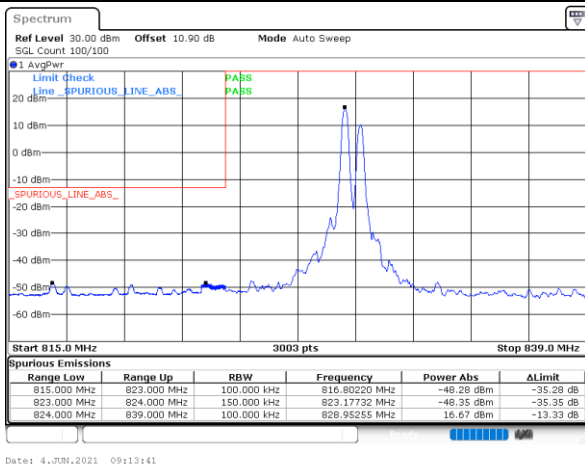
Lowest Band Edge / 1RB0 and 1RB49



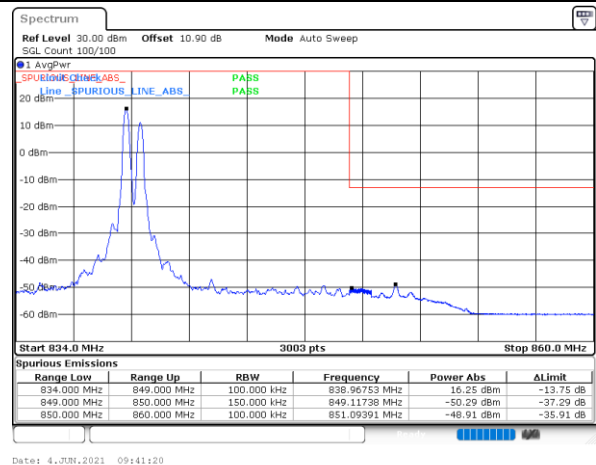
Highest Band Edge / 1RB0 and 1RB49



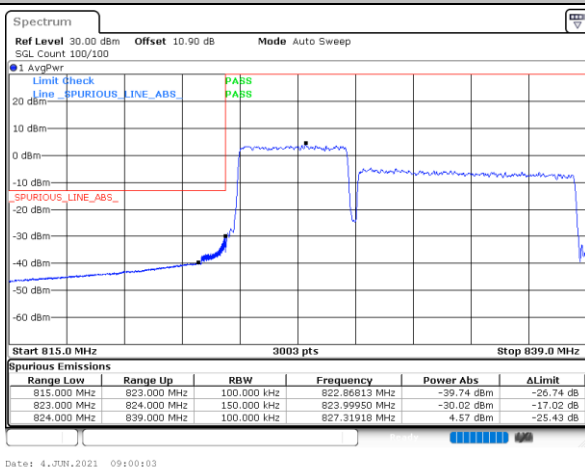
Lowest Band Edge / 1RB24 and 1RB0



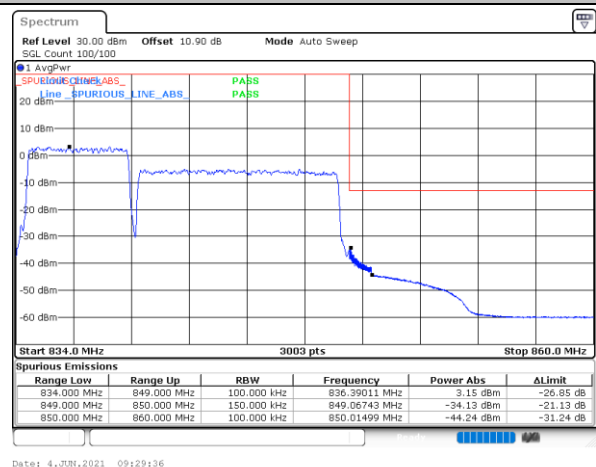
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

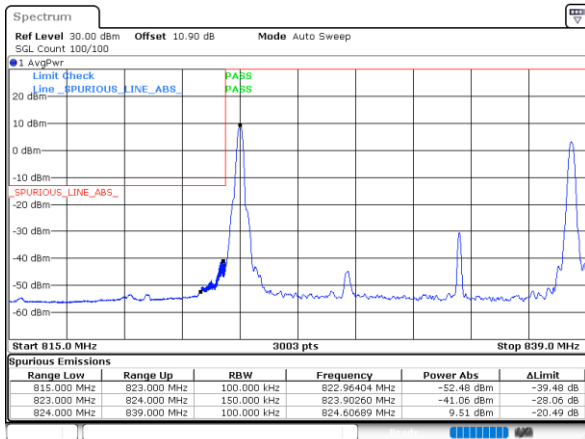




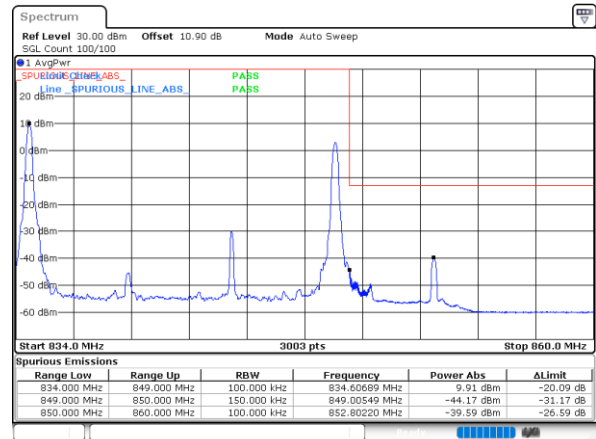
LTE Band 5B / 10MHz+5MHz

64QAM

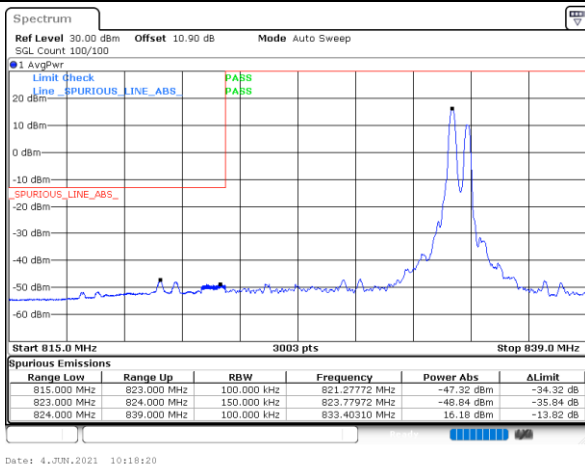
Lowest Band Edge / 1RB0 and 1RB24



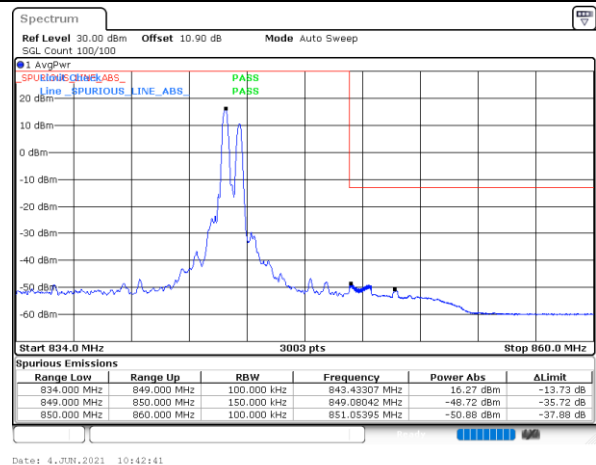
Highest Band Edge / 1RB0 and 1RB24



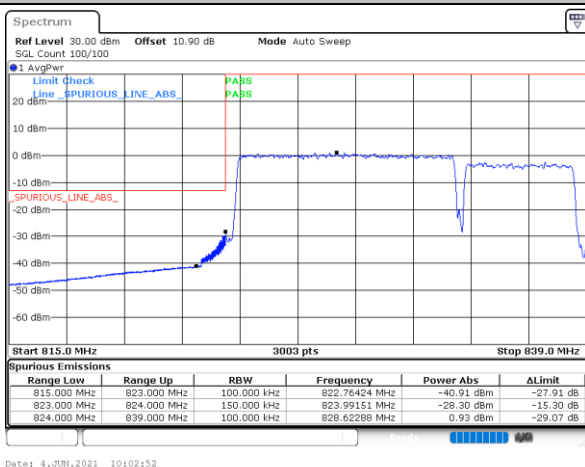
Lowest Band Edge / 1RB49 and 1RB0



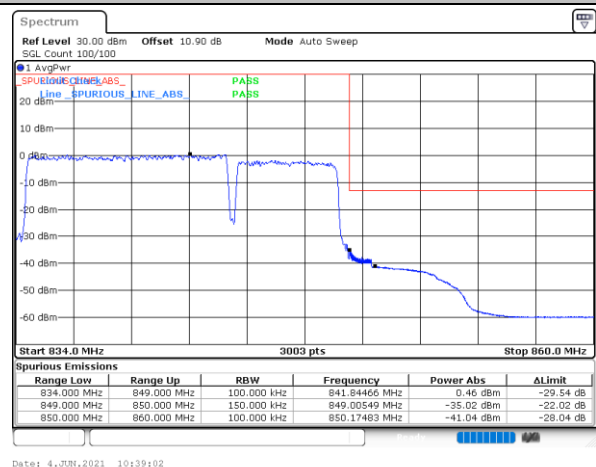
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

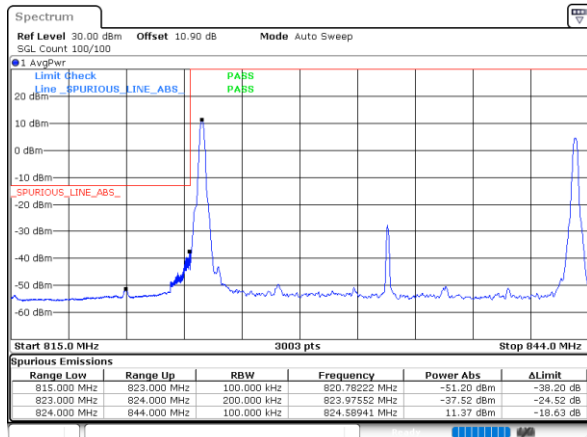




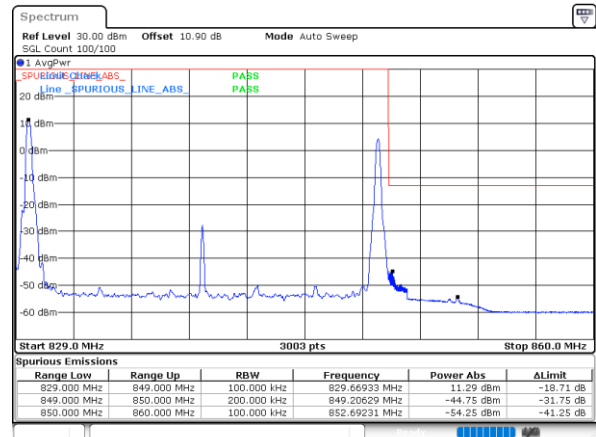
LTE Band 5B / 10MHz+10MHz

64QAM

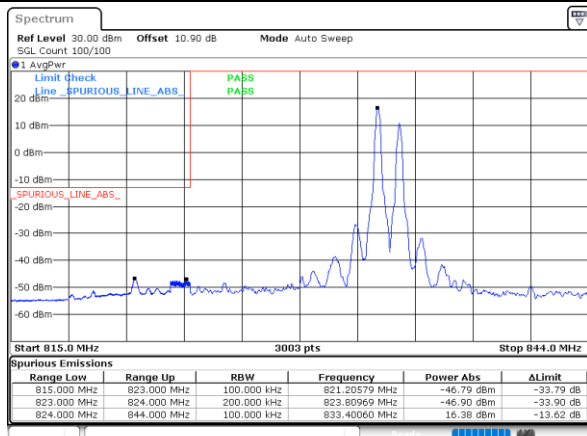
Lowest Band Edge / 1RB0 and 1RB49



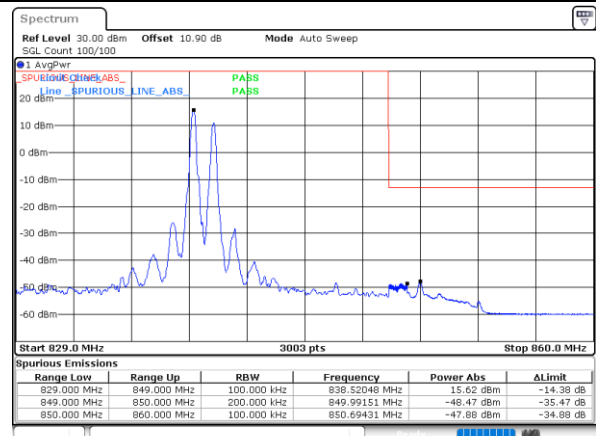
Highest Band Edge / 1RB0 and 1RB49



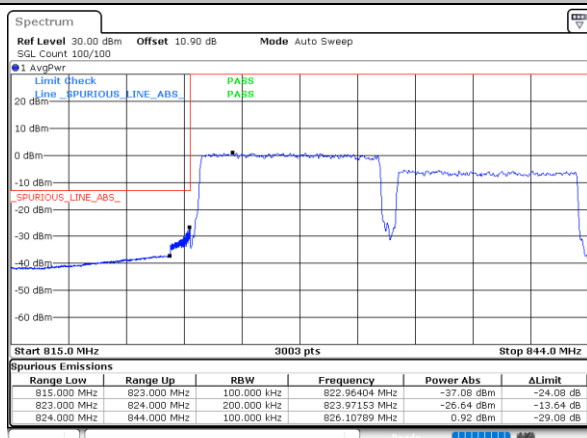
Lowest Band Edge / 1RB49 and 1RB0



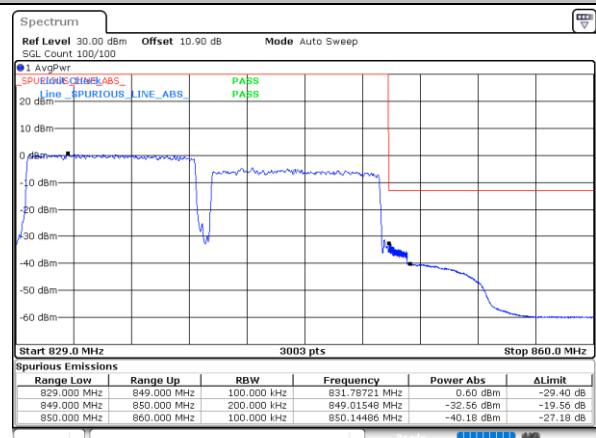
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

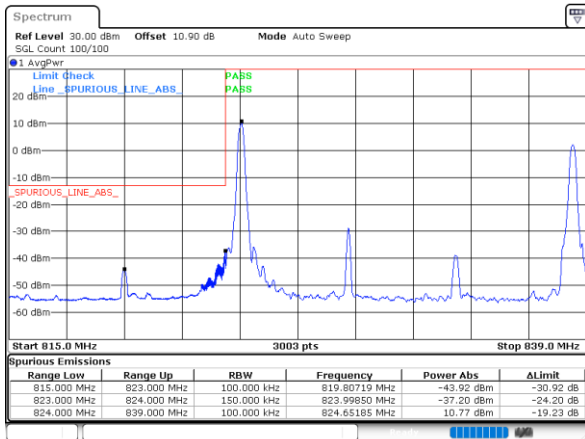




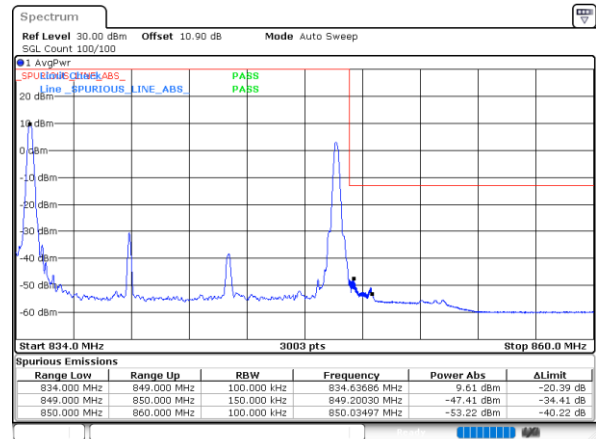
LTE Band 5B / 5MHz+10MHz

256QAM

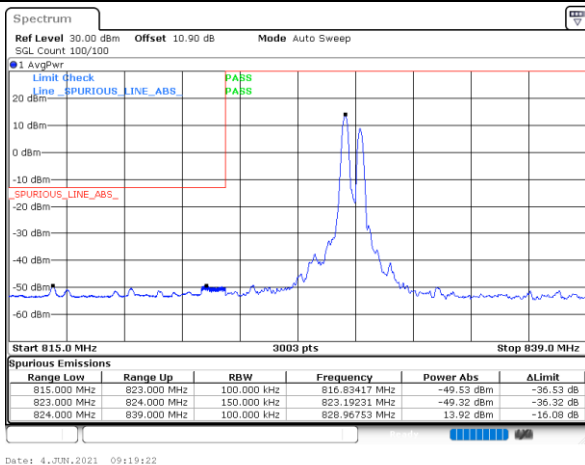
Lowest Band Edge / 1RB0 and 1RB49



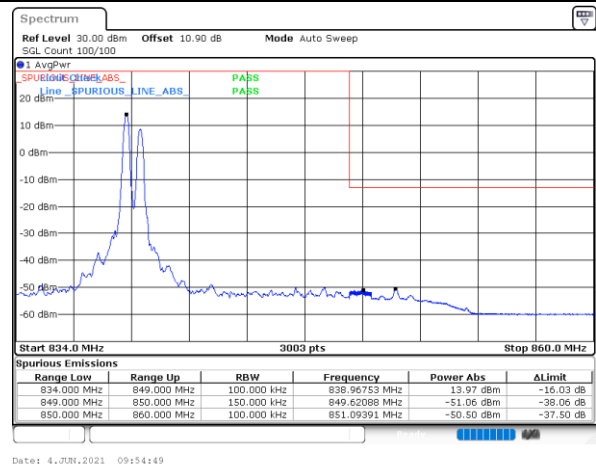
Highest Band Edge / 1RB0 and 1RB49



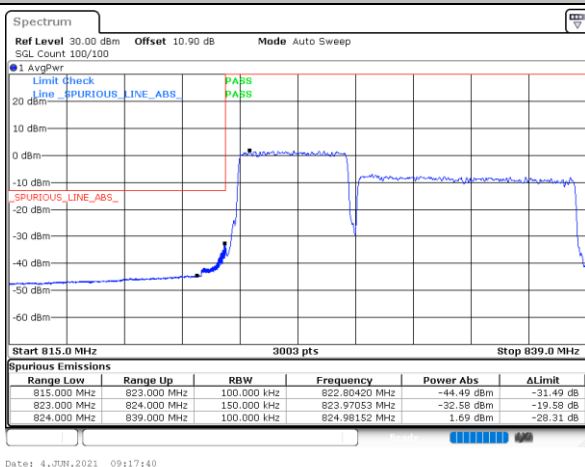
Lowest Band Edge / 1RB24 and 1RB0



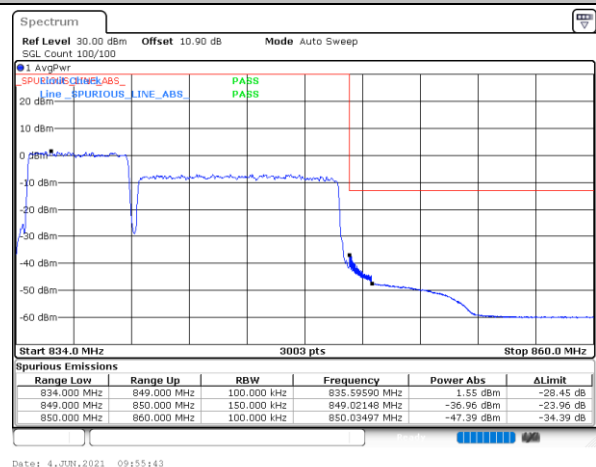
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

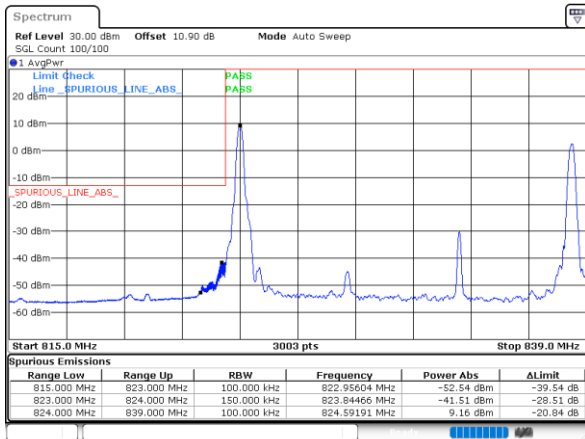




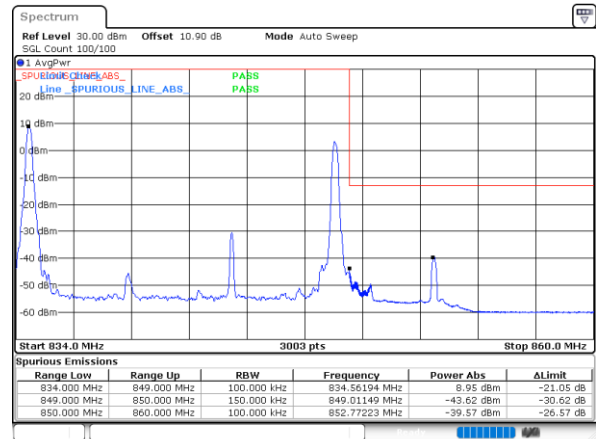
LTE Band 5B / 10MHz+5MHz

256QAM

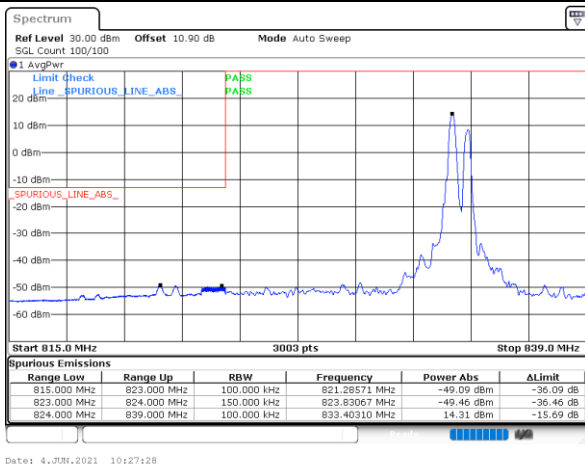
Lowest Band Edge / 1RB0 and 1RB24



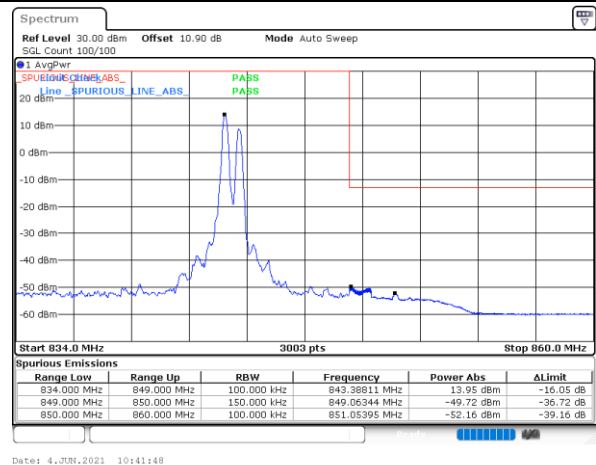
Highest Band Edge / 1RB0 and 1RB24



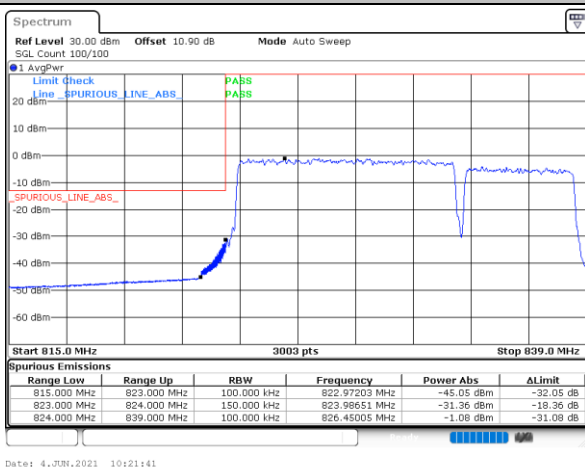
Lowest Band Edge / 1RB49 and 1RB0



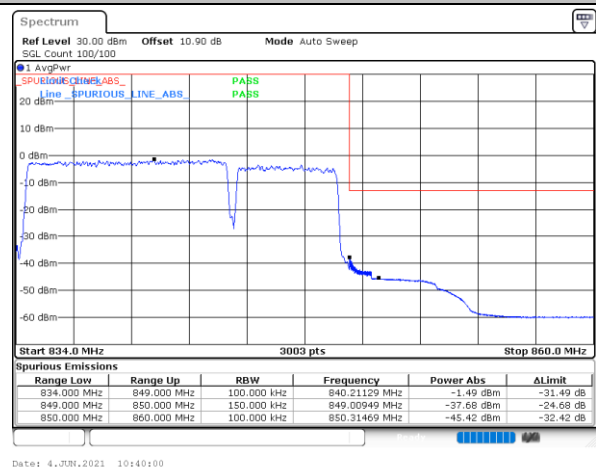
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

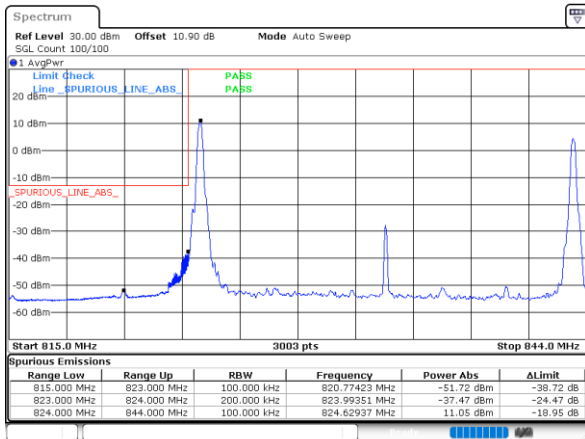




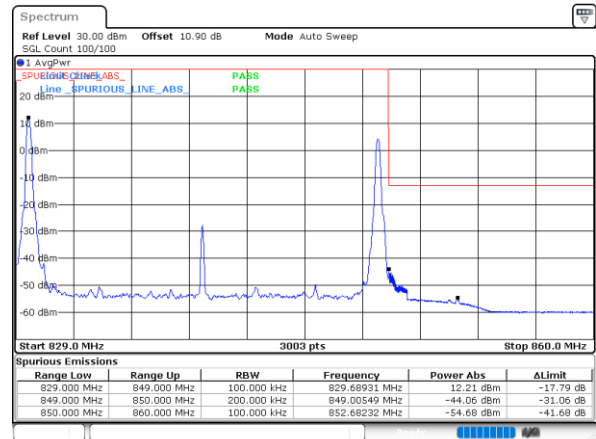
LTE Band 5B / 10MHz+10MHz

256QAM

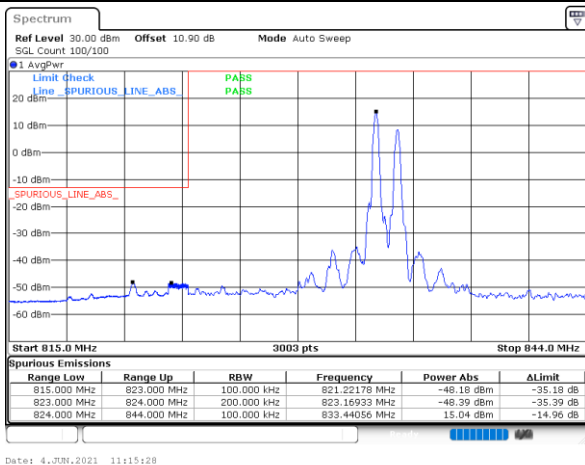
Lowest Band Edge / 1RB0 and 1RB49



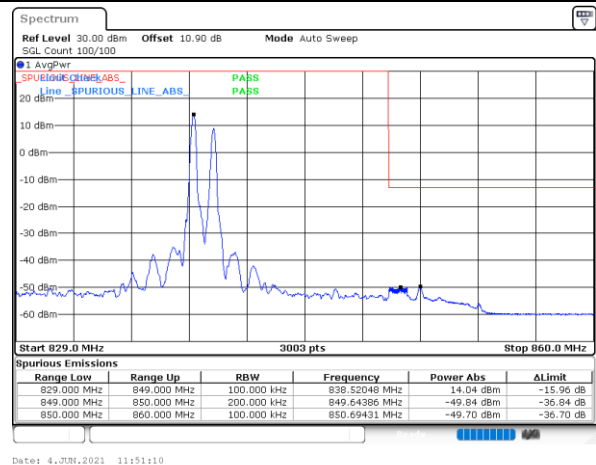
Highest Band Edge / 1RB0 and 1RB49



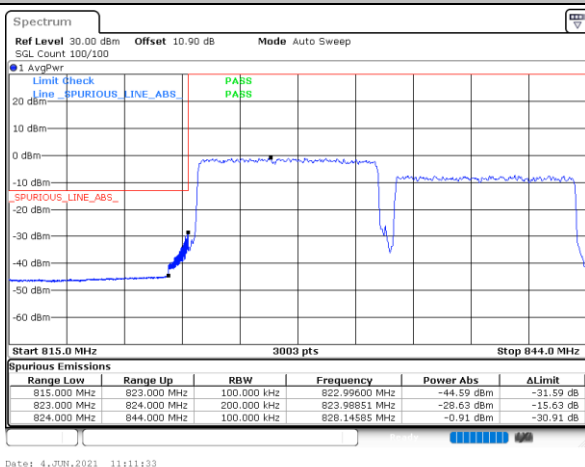
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

