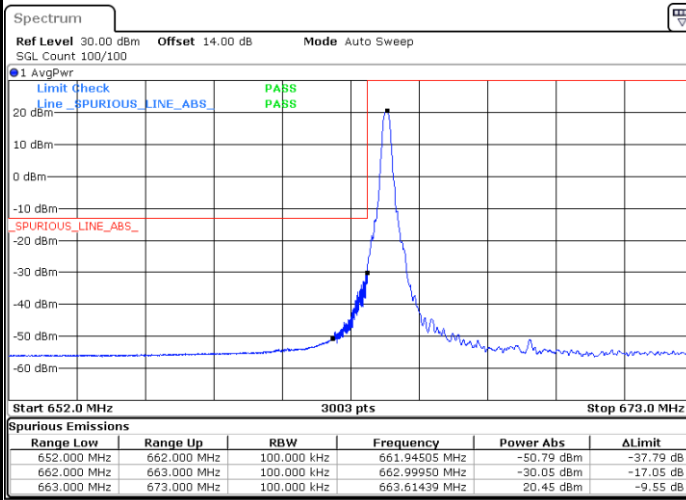


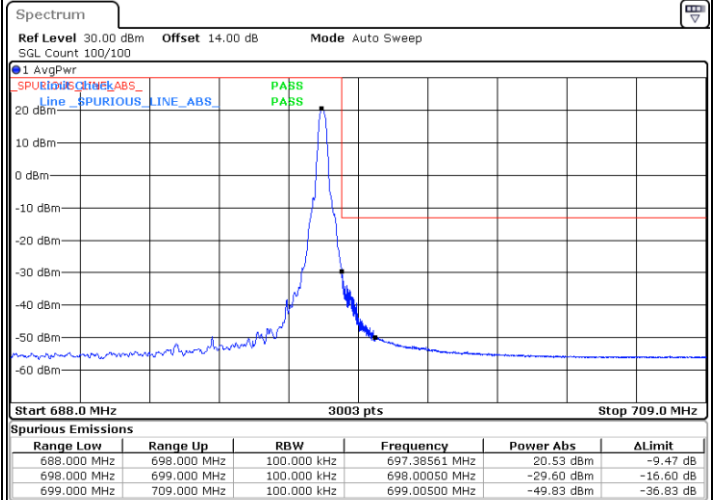


LTE Band 71 / 10MHz / QPSK

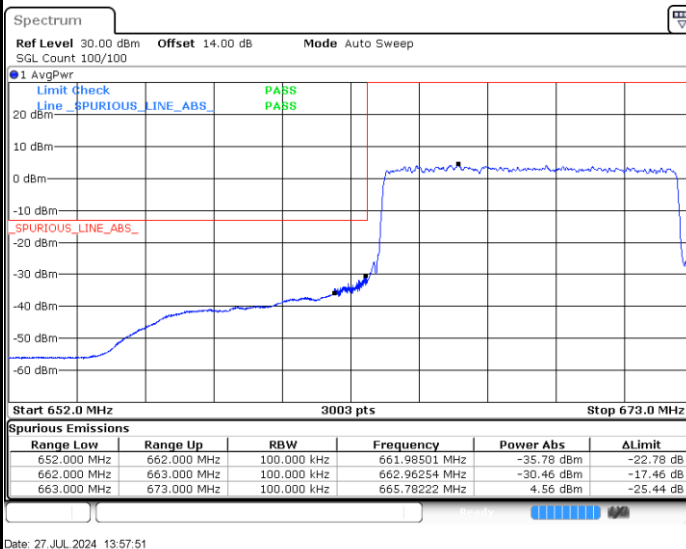
Lowest Band Edge / 1 RB



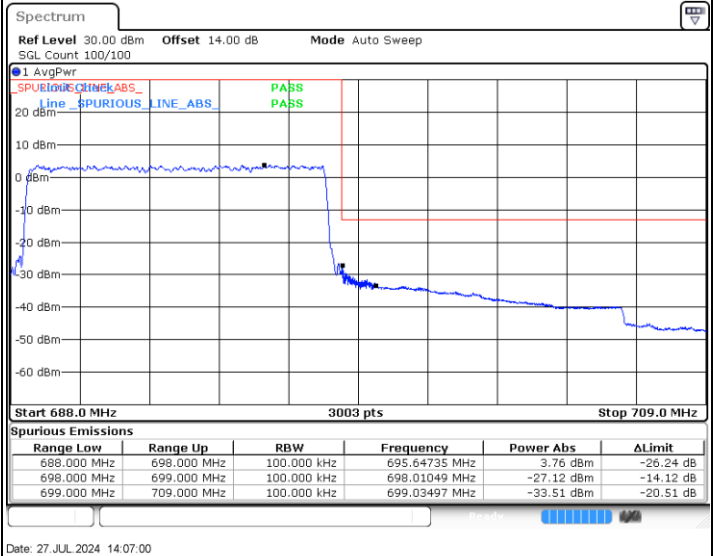
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



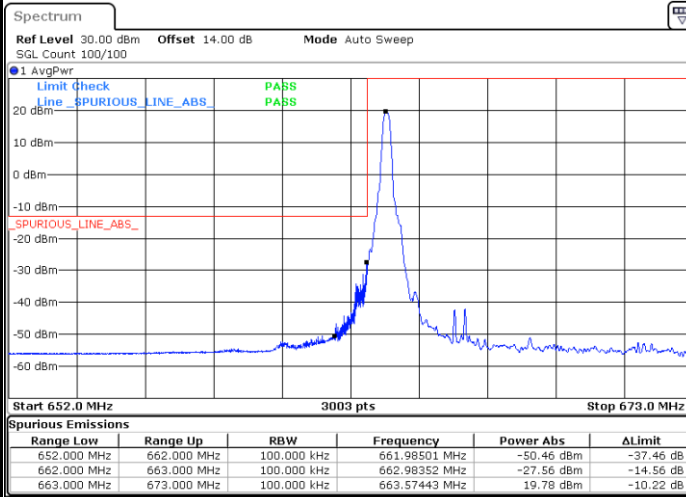
Highest Band Edge / Full RB



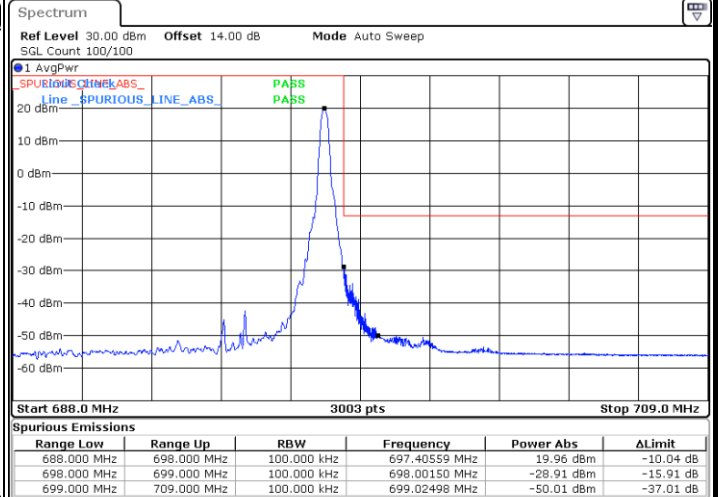


LTE Band 71 / 10MHz / 16QAM

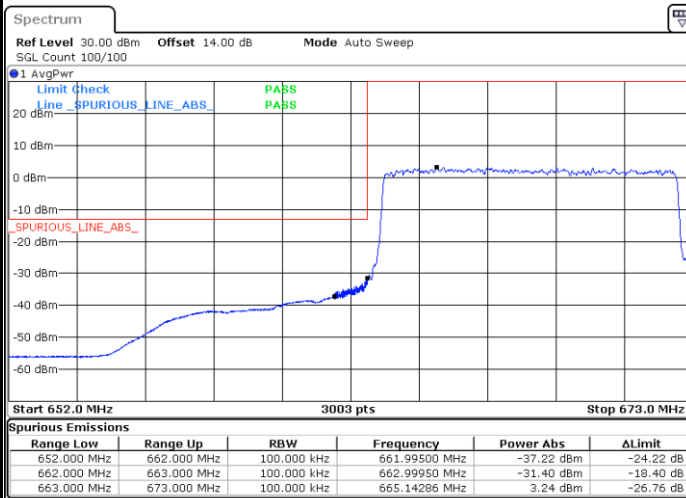
Lowest Band Edge / 1RB



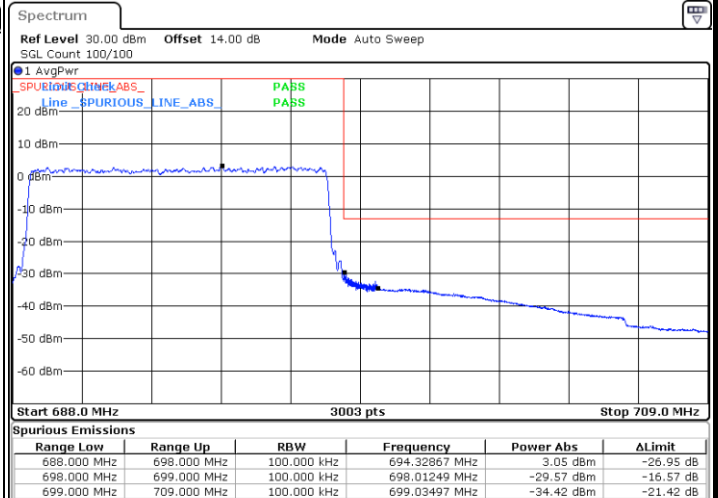
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



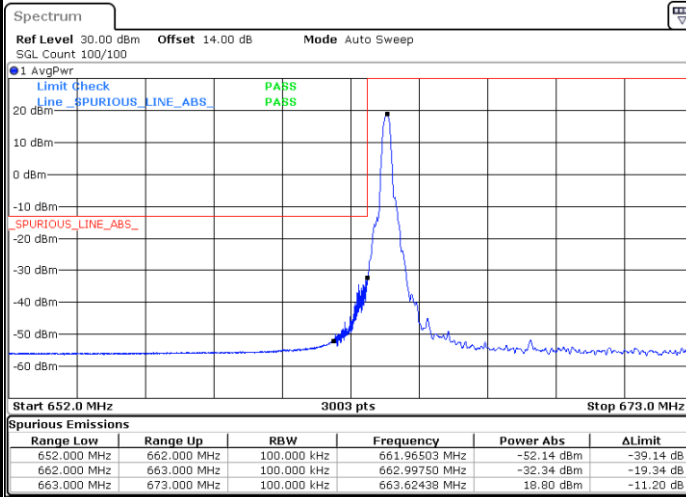
Highest Band Edge / Full RB



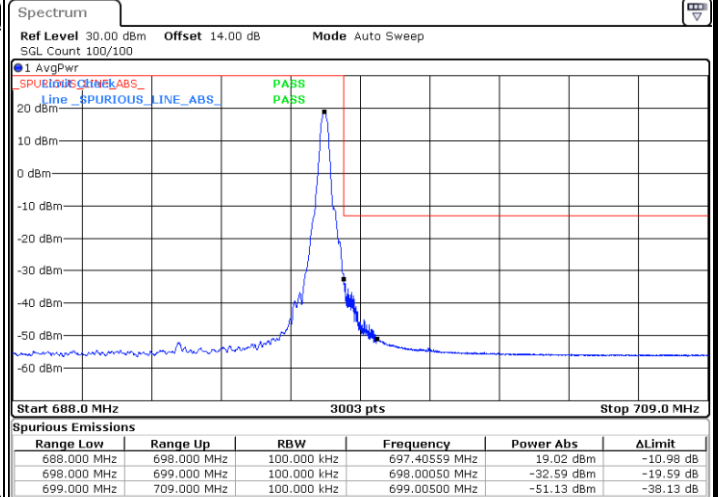


LTE Band 71 / 10MHz / 64QAM

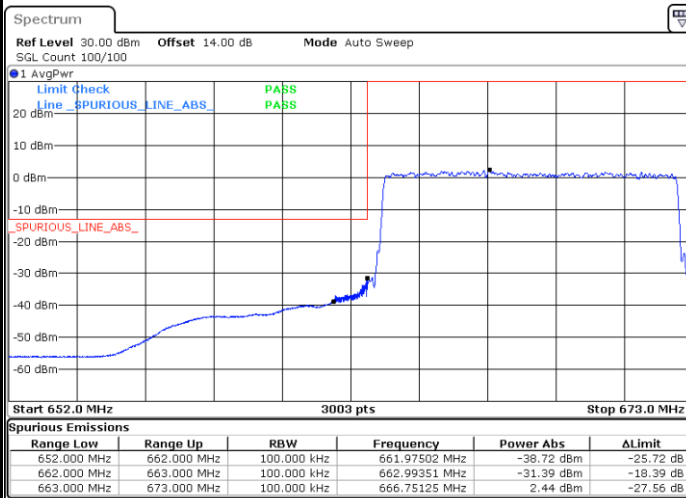
Lowest Band Edge / 1RB



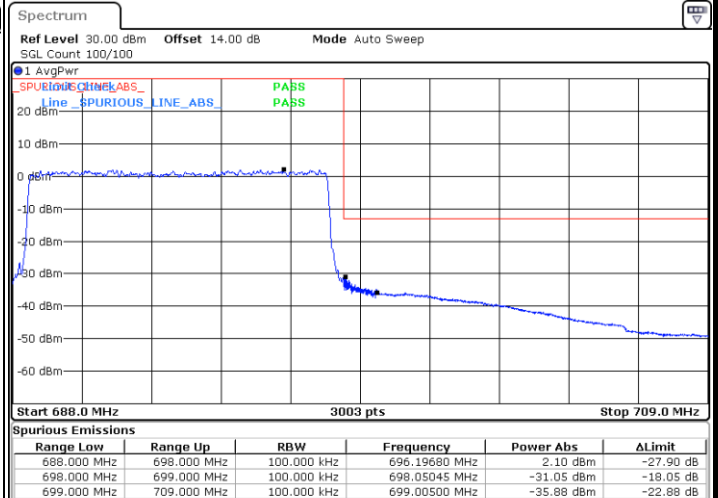
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



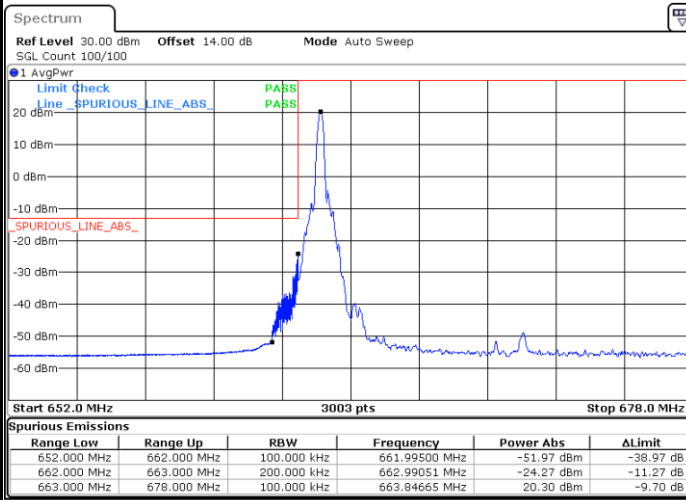
Highest Band Edge / Full RB



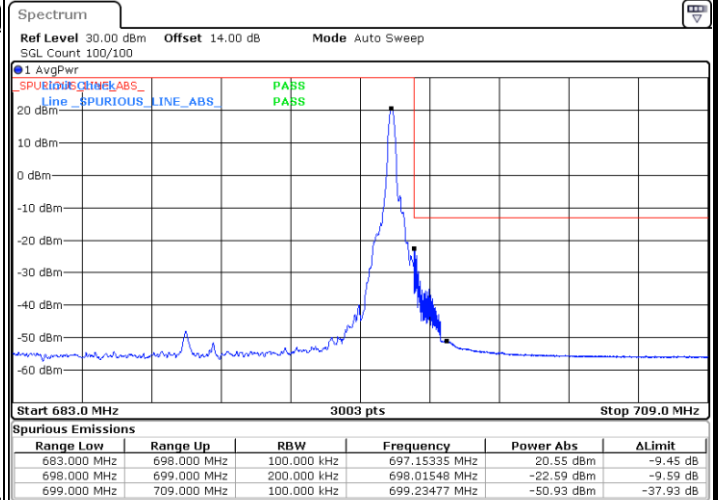


LTE Band 71 / 15MHz / QPSK

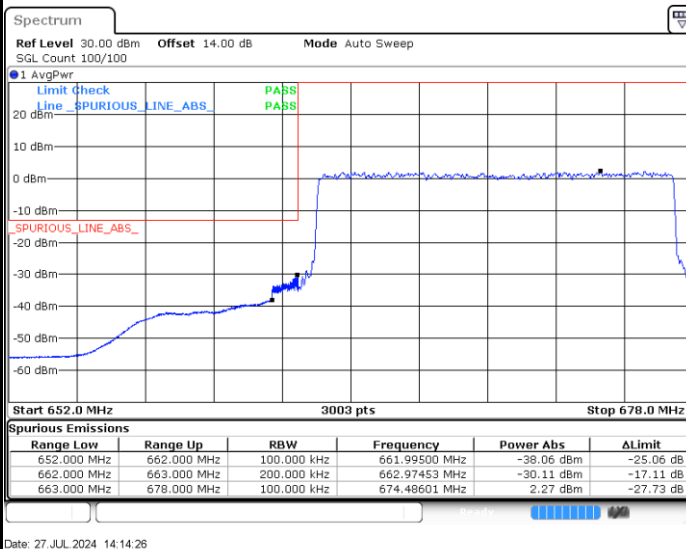
Lowest Band Edge / 1 RB



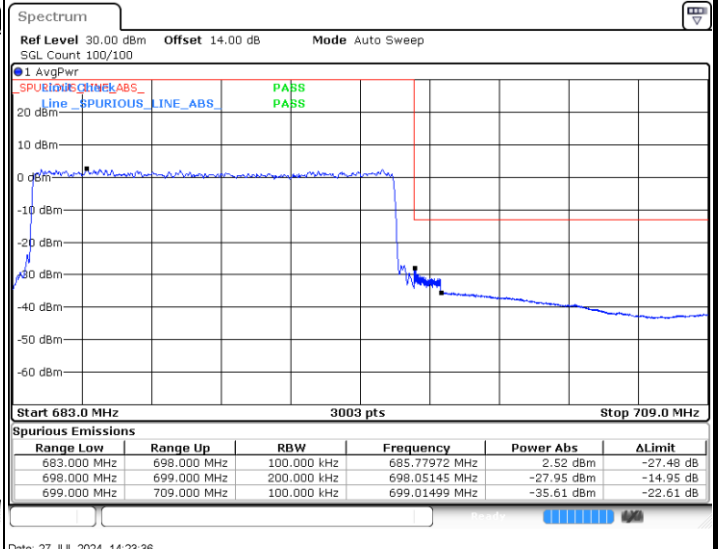
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



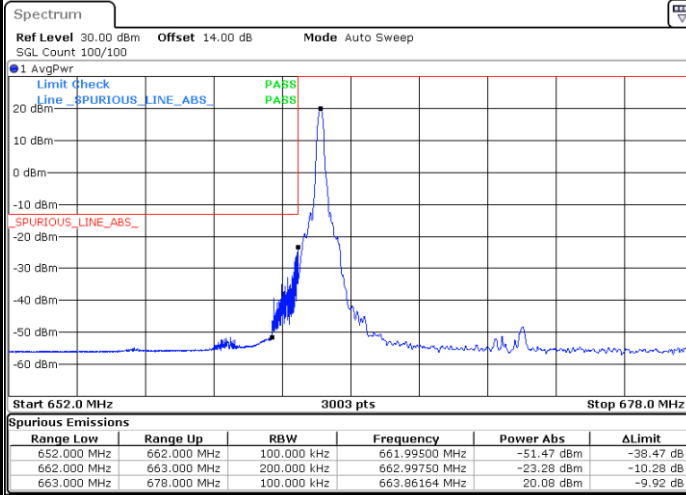
Highest Band Edge / Full RB



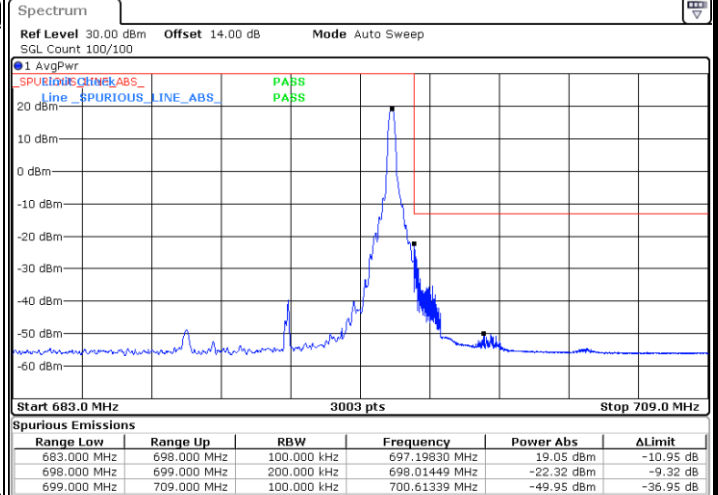


LTE Band 71 / 15MHz / 16QAM

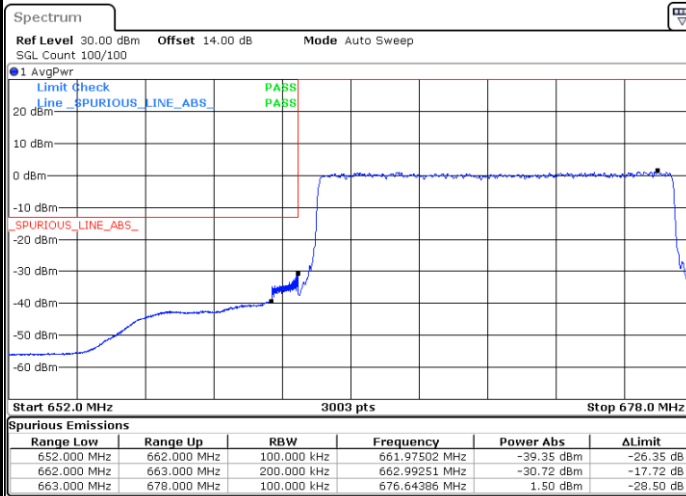
Lowest Band Edge / 1RB



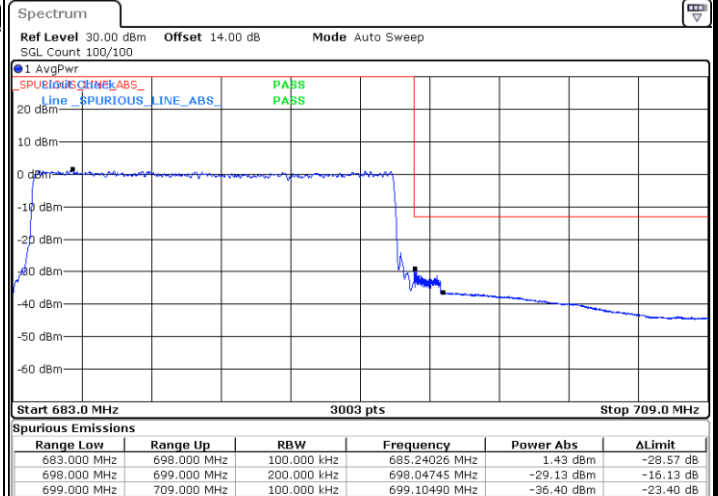
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



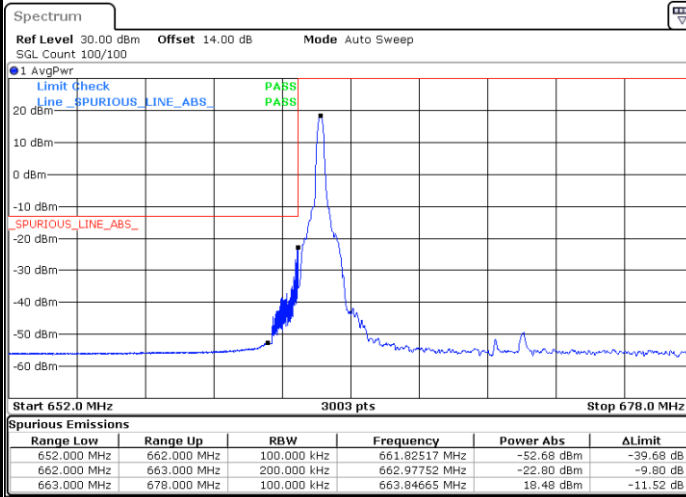
Highest Band Edge / Full RB



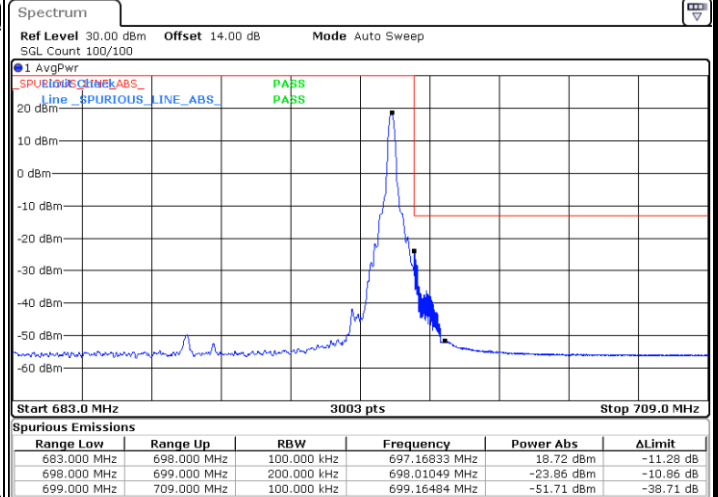


LTE Band 71 / 15MHz / 64QAM

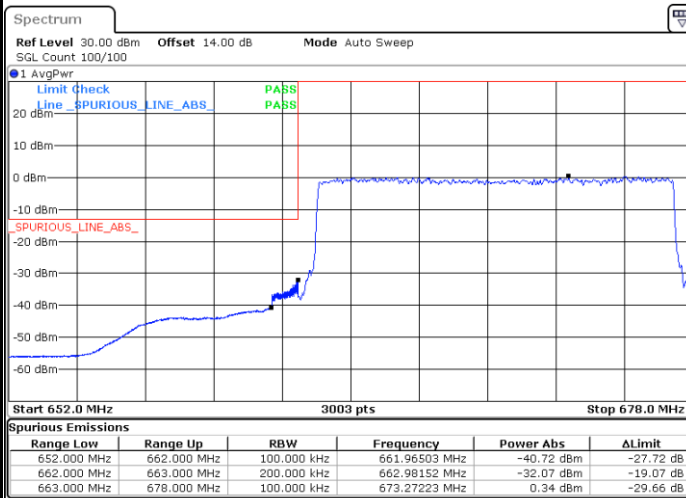
Lowest Band Edge / 1RB



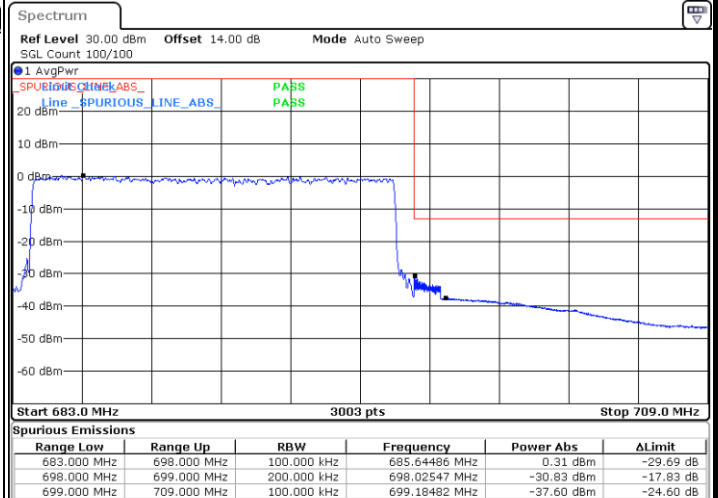
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



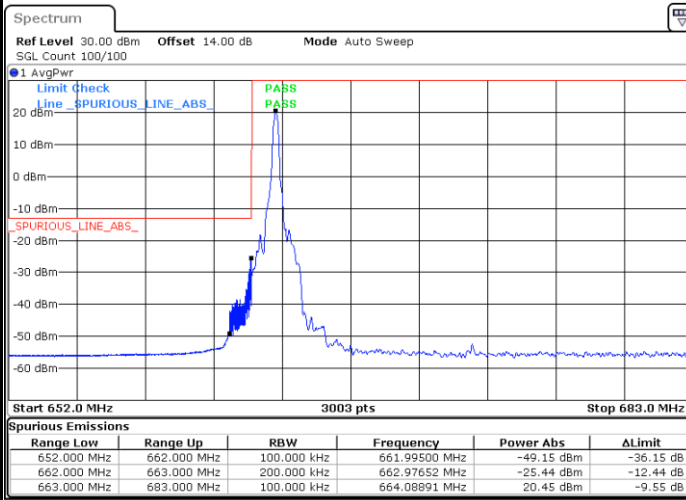
Highest Band Edge / Full RB



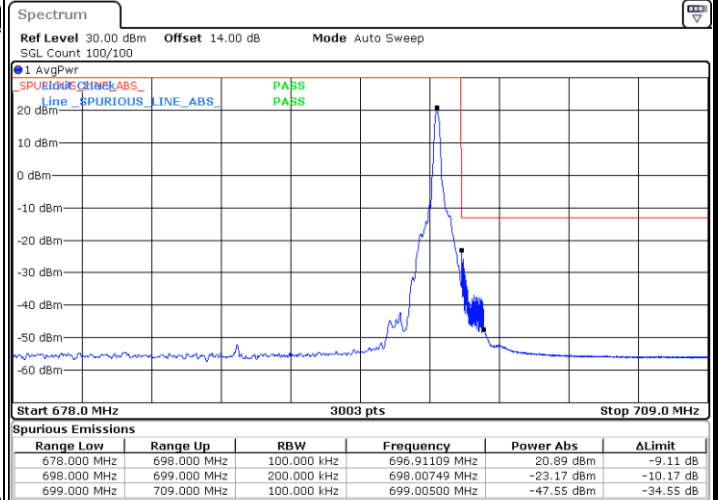


LTE Band 71 / 20MHz / QPSK

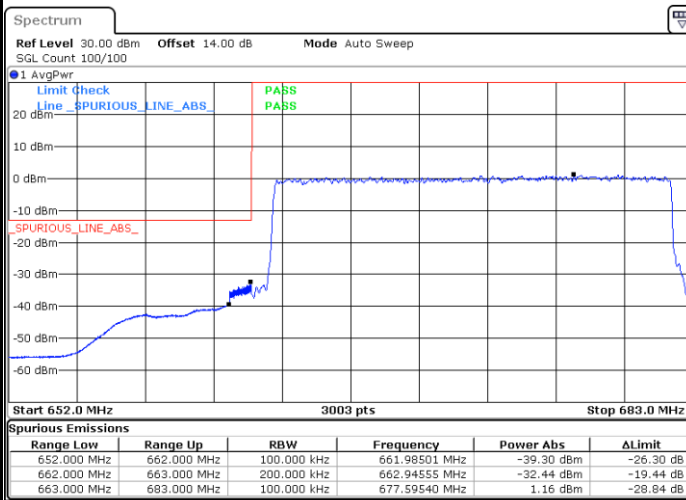
Lowest Band Edge / 1 RB



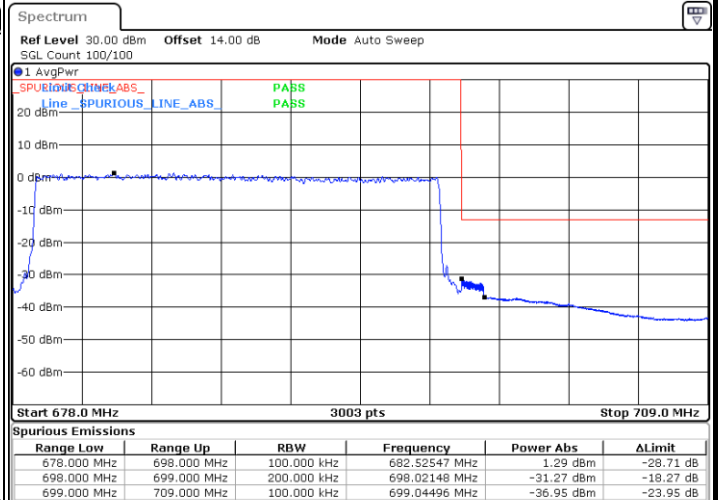
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



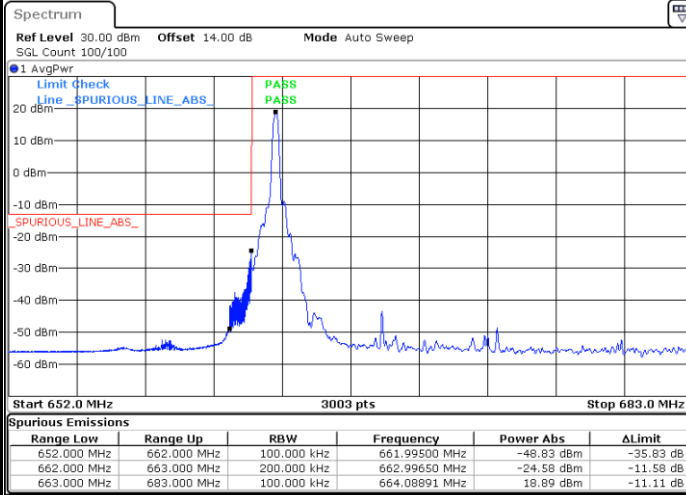
Highest Band Edge / Full RB



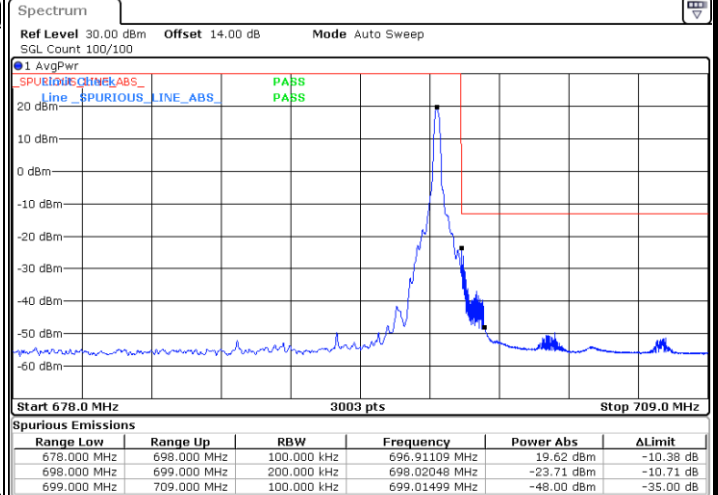


LTE Band 71 / 20MHz / 16QAM

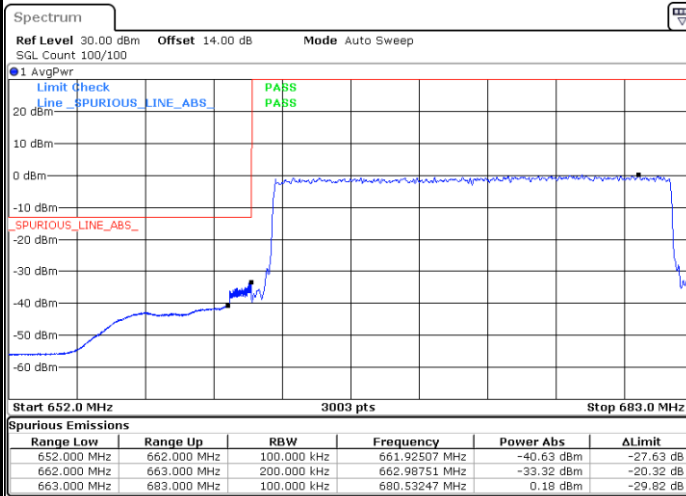
Lowest Band Edge / 1RB



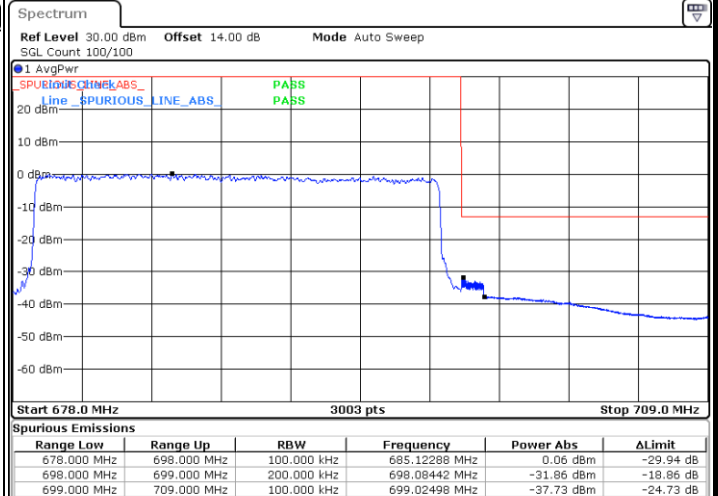
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



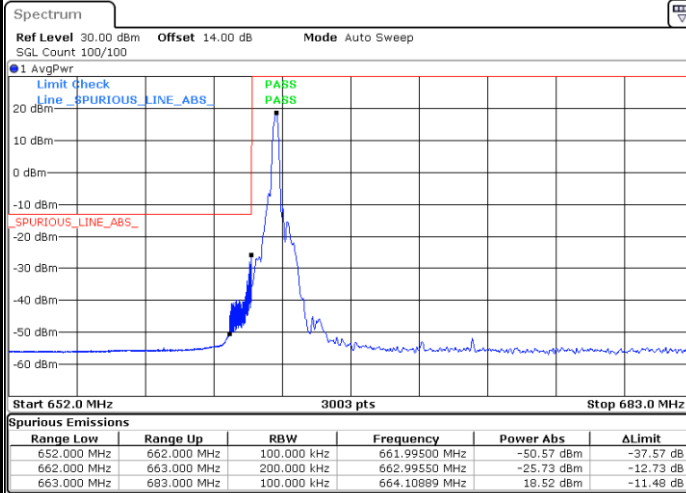
Highest Band Edge / Full RB



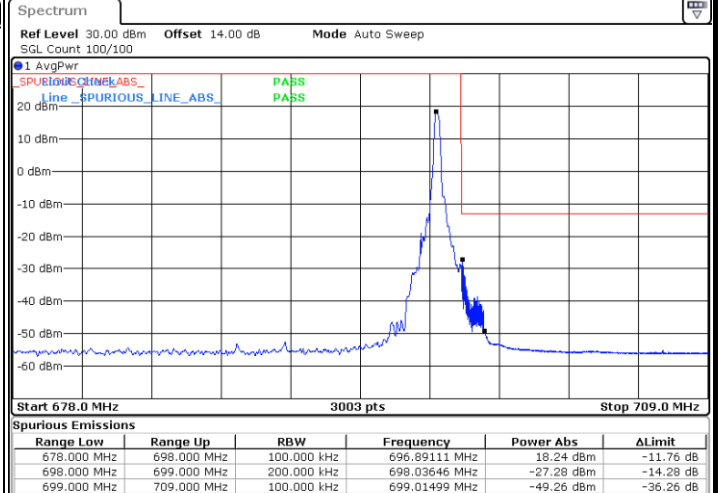


LTE Band 71 / 20MHz / 64QAM

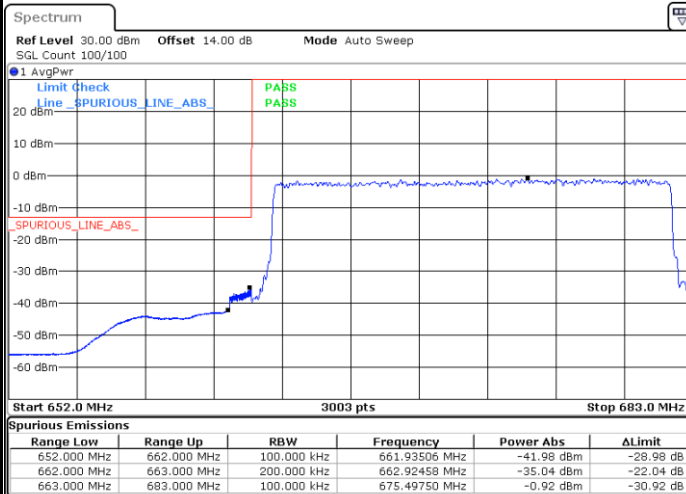
Lowest Band Edge / 1RB



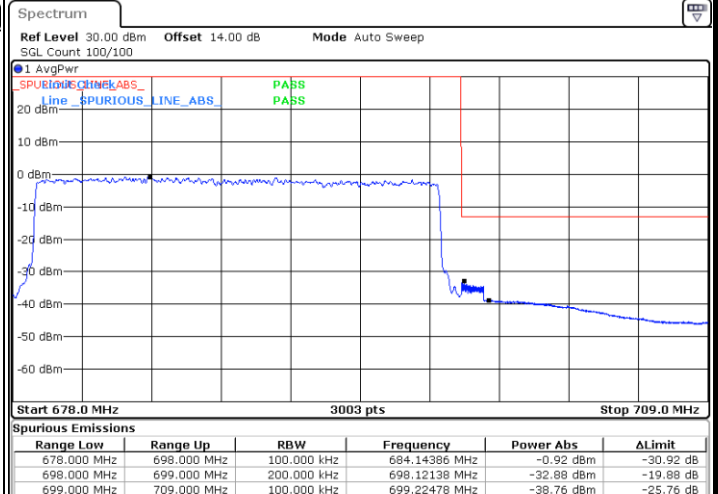
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

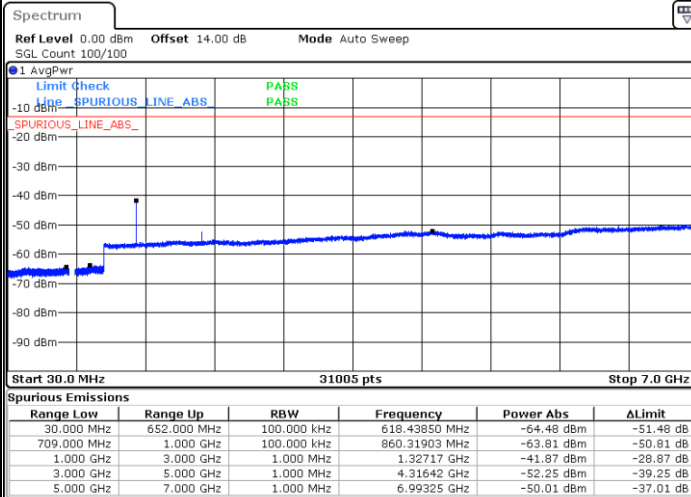




Conducted Spurious Emission

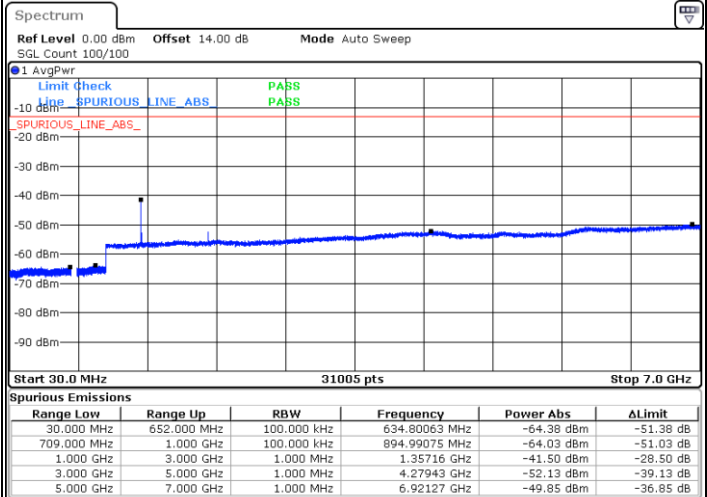
LTE Band 71 / 5MHz

Lowest Channel / QPSK



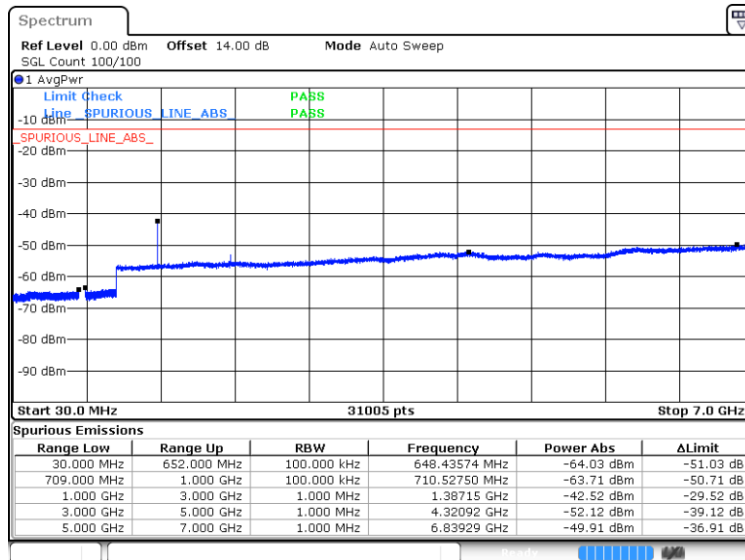
Date: 27 JUL 2024 13:44:16

Middle Channel / QPSK



Date: 27 JUL 2024 13:45:25

Highest Channel / QPSK

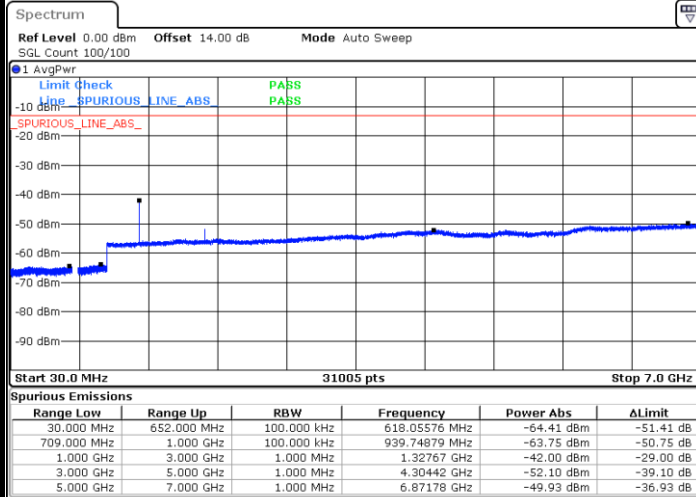


Date: 27 JUL 2024 13:53:26



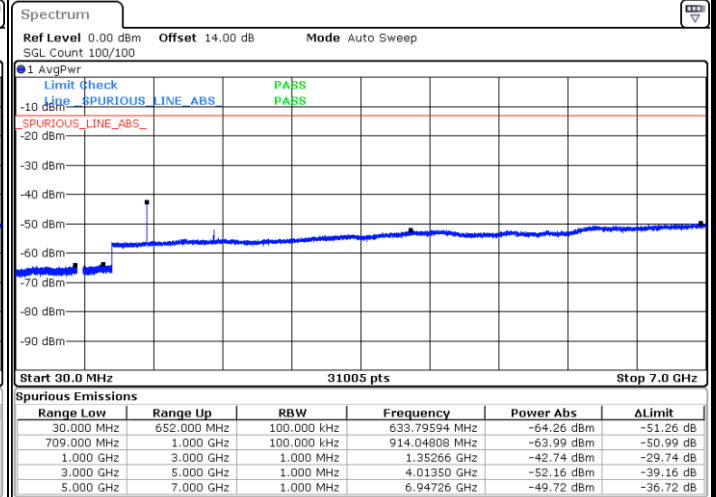
LTE Band 71 / 10MHz

Lowest Channel / QPSK



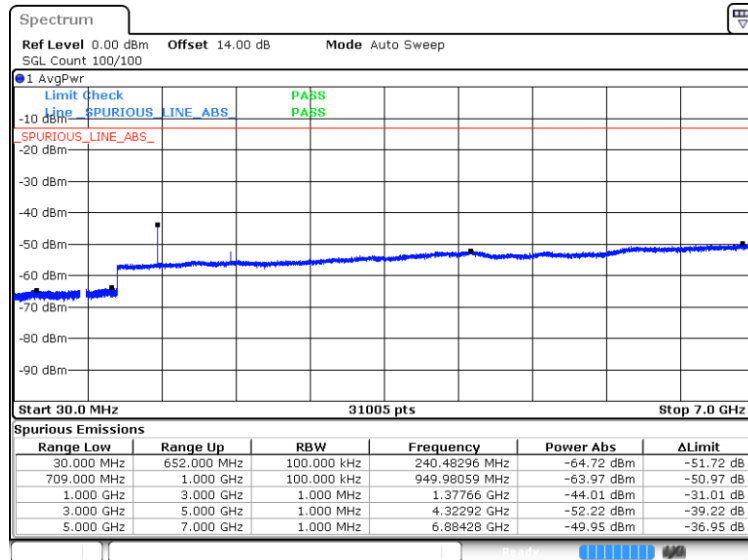
Date: 27 JUL 2024 14:00:52

Middle Channel / QPSK



Date: 27 JUL 2024 14:02:00

Highest Channel / QPSK

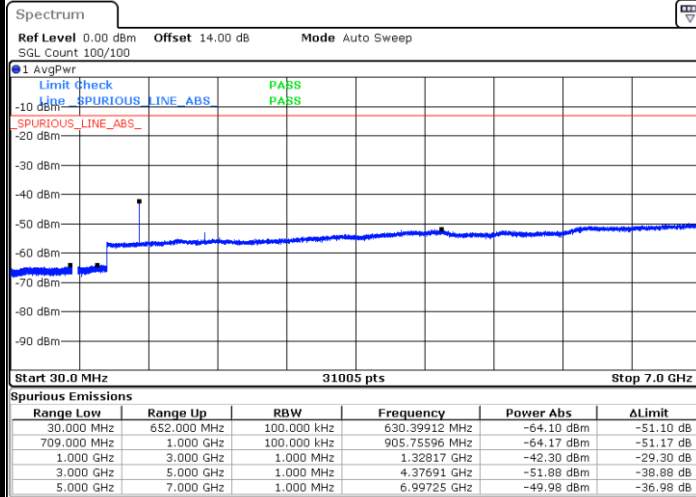


Date: 27 JUL 2024 14:10:01



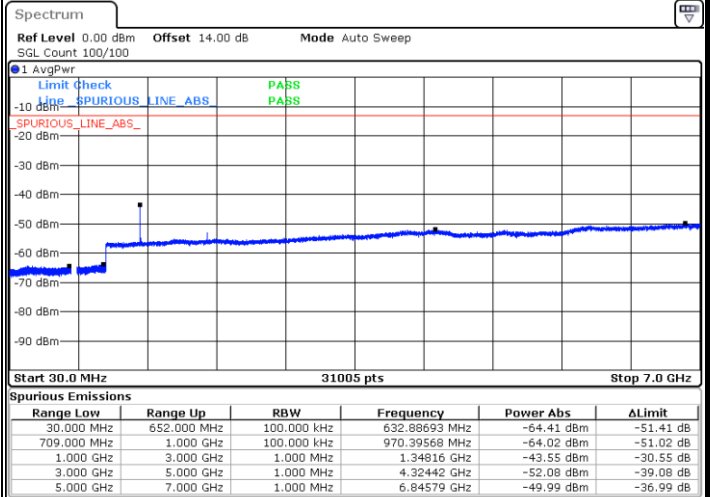
LTE Band 71 / 15MHz

Lowest Channel / QPSK



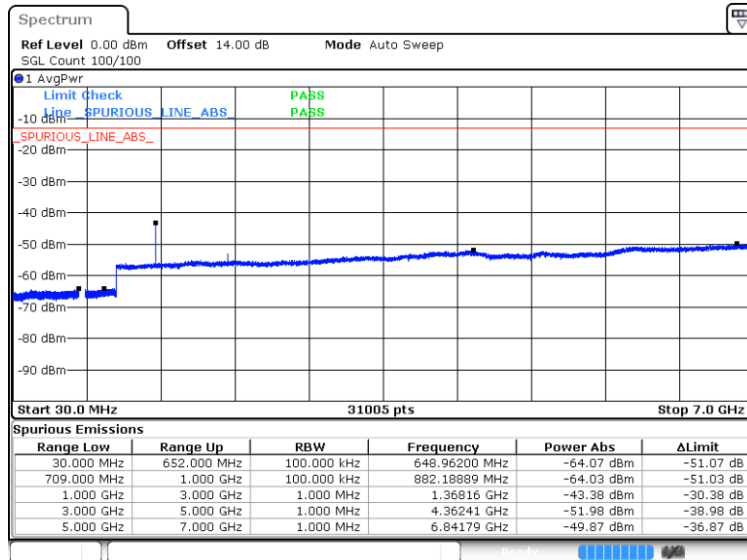
Date: 27 JUL 2024 14:17:27

Middle Channel / QPSK



Date: 27 JUL 2024 14:18:36

Highest Channel / QPSK

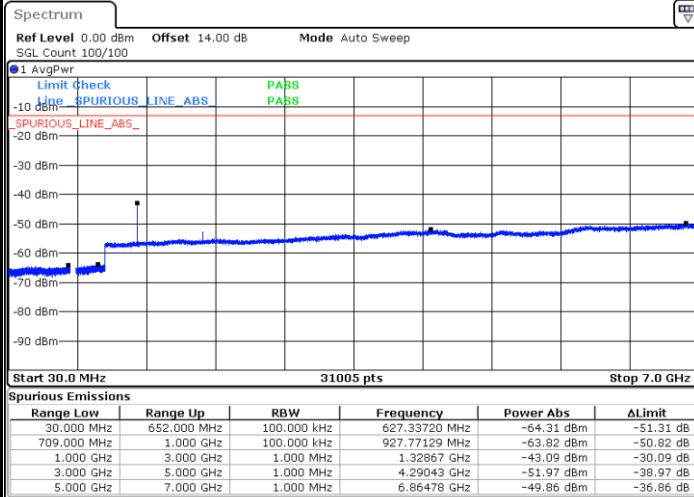


Date: 27 JUL 2024 14:26:37



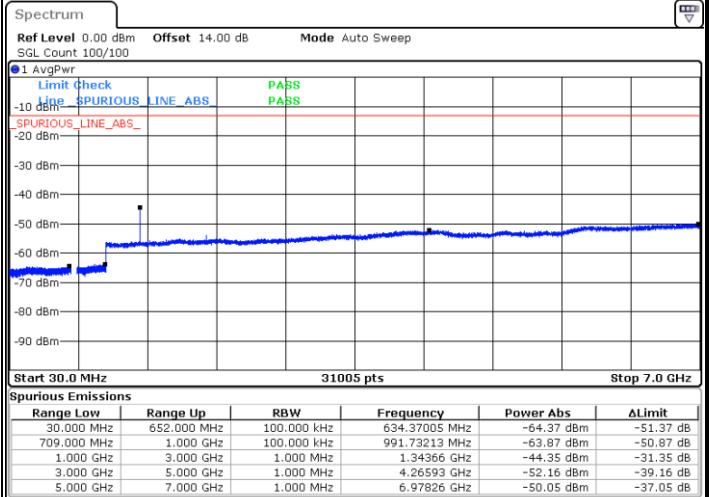
LTE Band 71 / 20MHz

Lowest Channel / QPSK



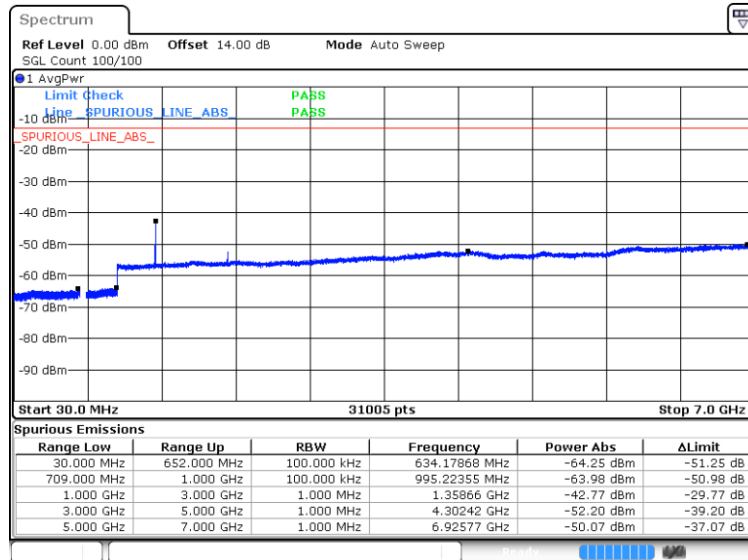
Date: 27 JUL 2024 14:34:02

Middle Channel / QPSK



Date: 27 JUL 2024 14:35:11

Highest Channel / QPSK



Date: 27 JUL 2024 14:44:32

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0024	

Note:

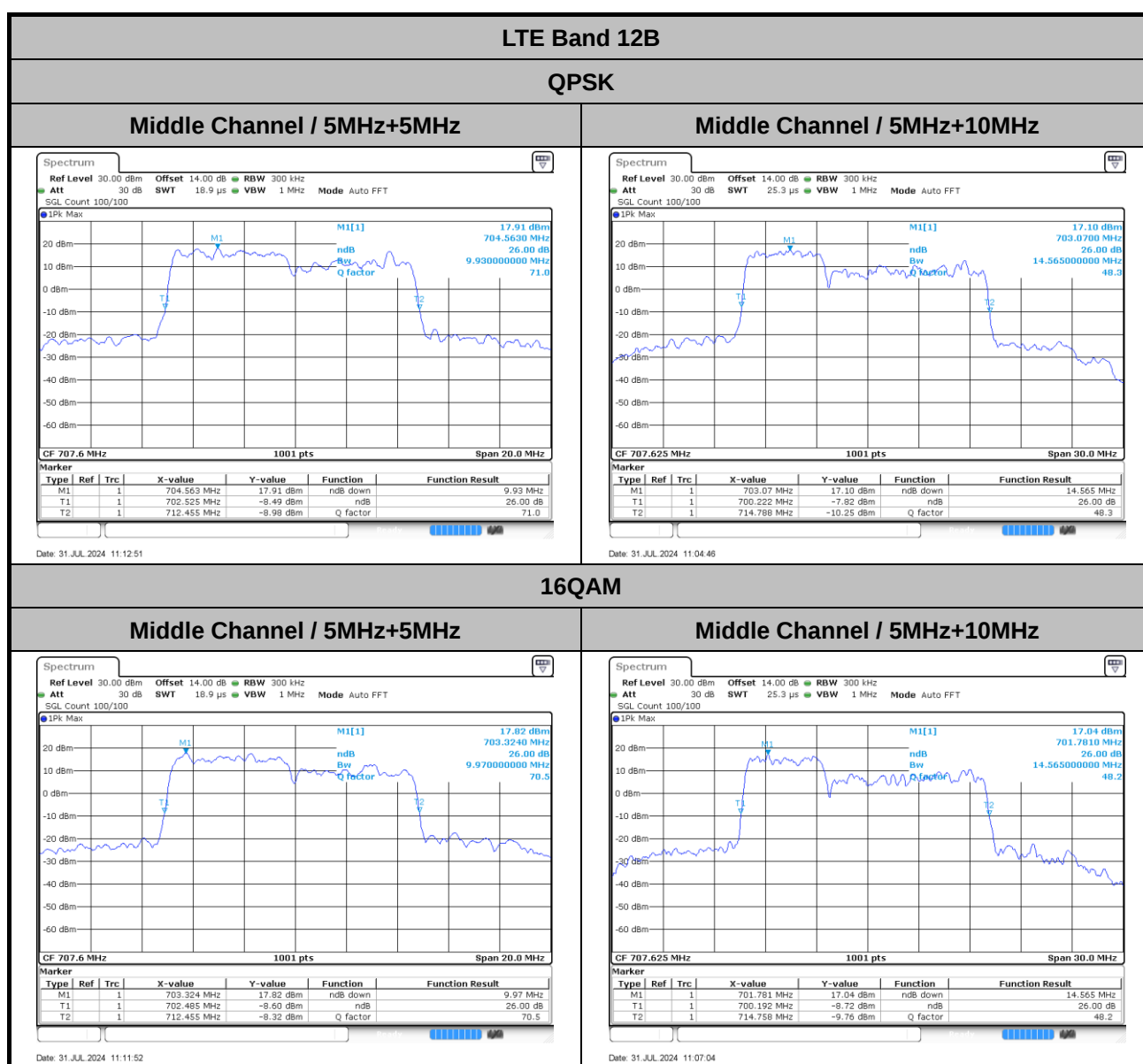
1. Normal Voltage = 5 V. ; Minimum Voltage = 4.75 V. ; Maximum Voltage = 5.25 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_12B

26dB Bandwidth

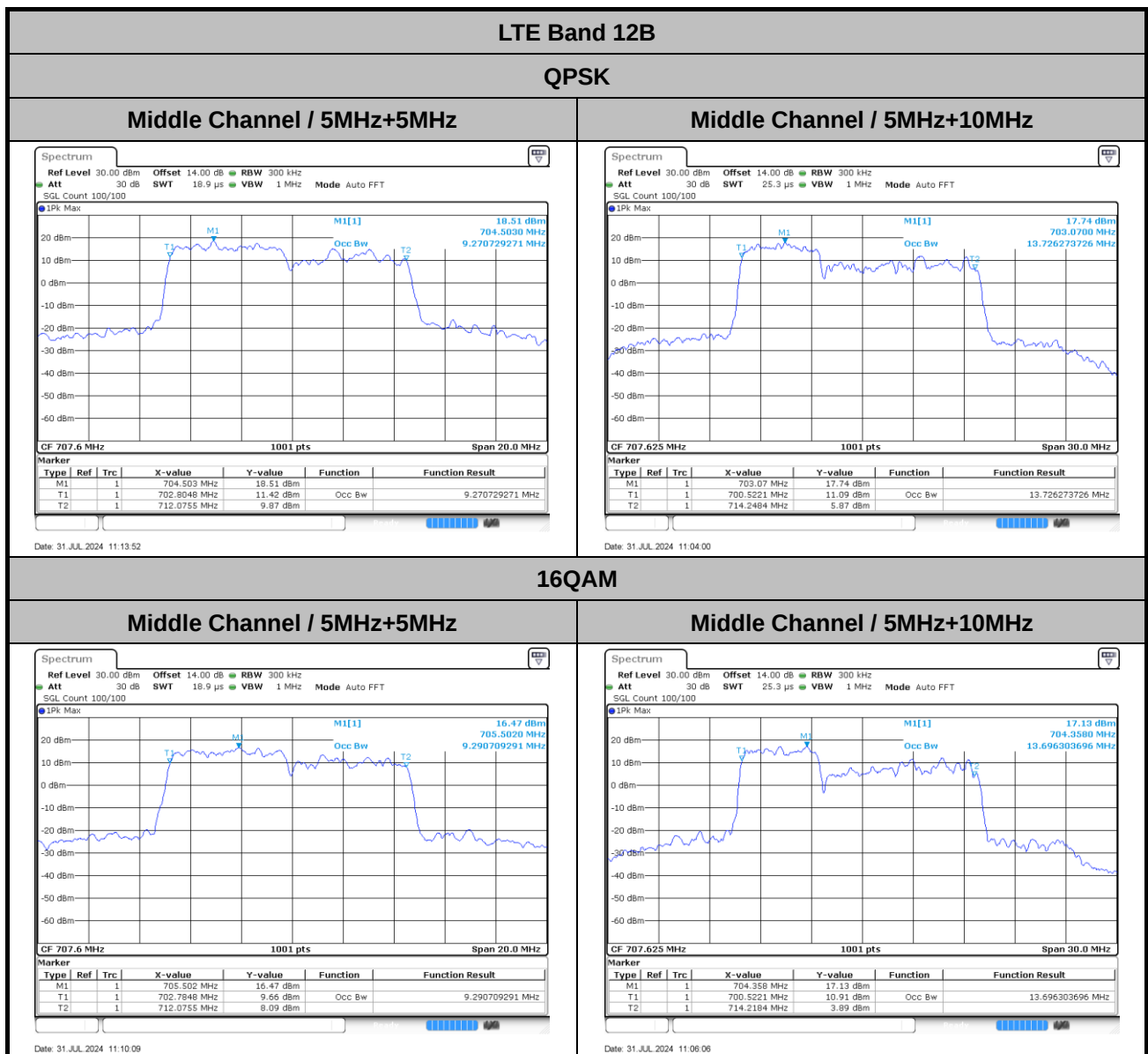
Mode	LTE Band 12B : 26dB BW(MHz)	
	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	9.93	9.97
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	14.57	14.57





Occupied Bandwidth

Mode	LTE Band 12B : 99%OBW(MHz)	
	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	9.27	9.29
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	13.73	13.70



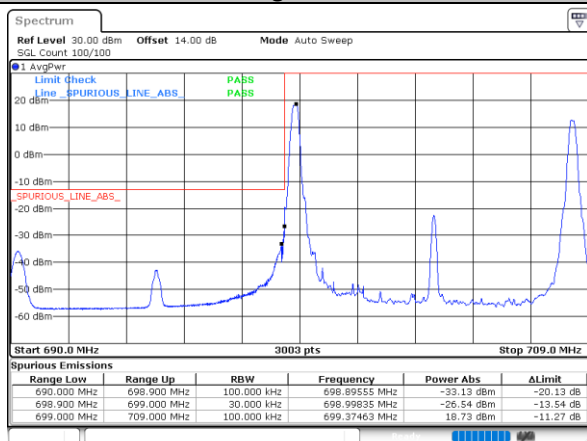


Conducted Band Edge

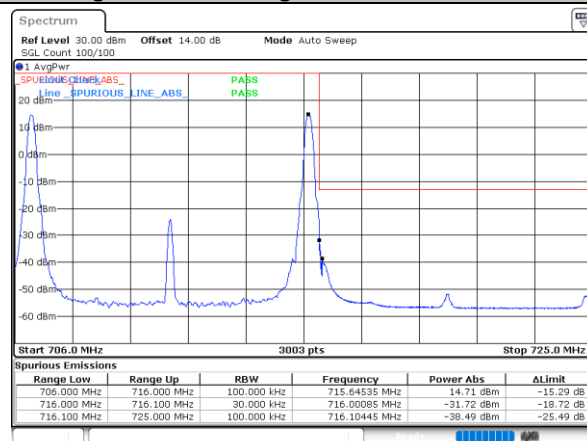
LTE Band 12B / 5MHz+5MHz

QPSK

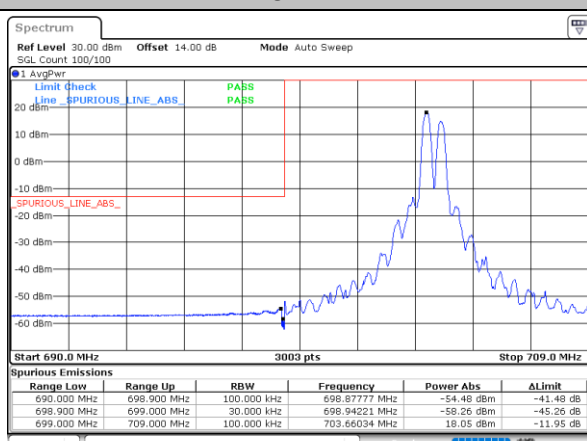
Lowest Band Edge / 1RB0 and 1RB24



Highest Band Edge / 1RB0 and 1RB24



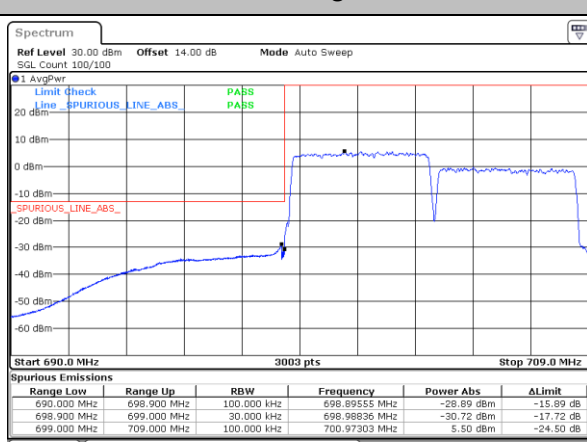
Lowest Band Edge / 1RB24 and 1RB0



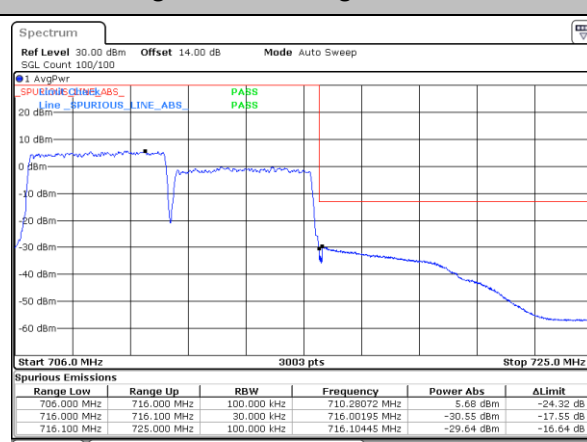
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

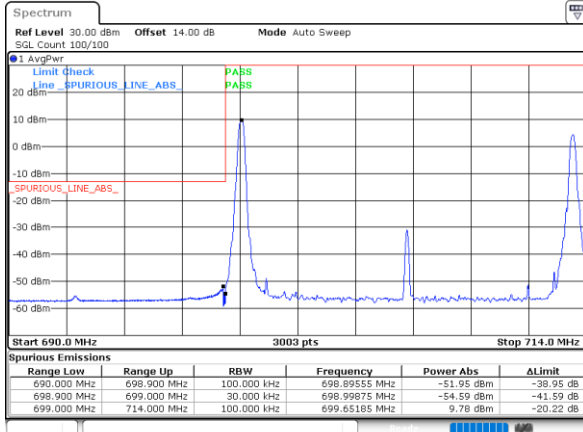




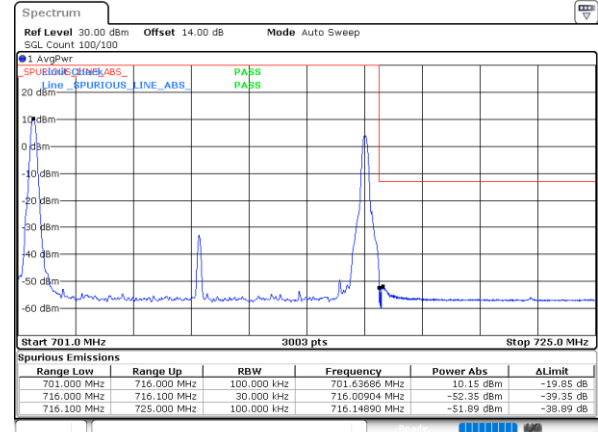
LTE Band 12B / 5MHz+10MHz

QPSK

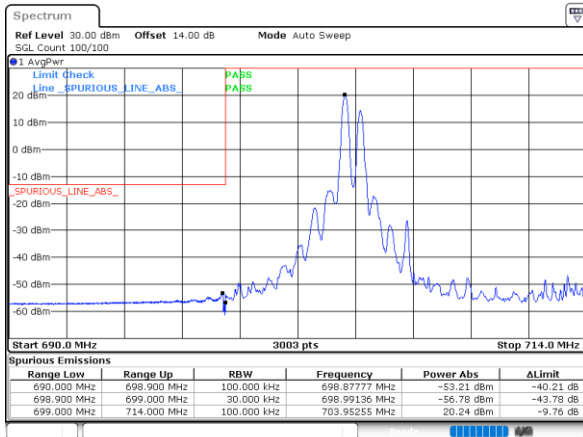
Lowest Band Edge / 1RB0 and 1RB49



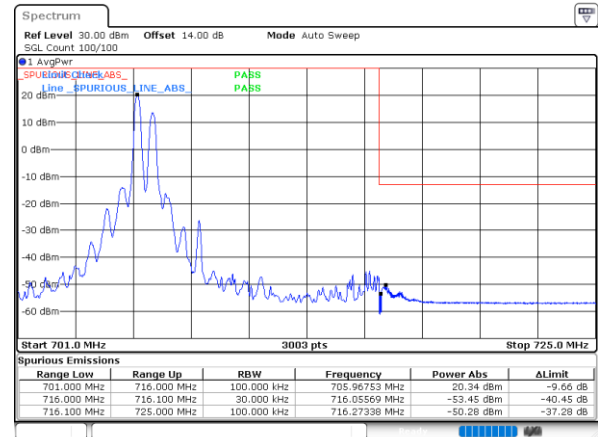
Highest Band Edge / 1RB0 and 1RB49



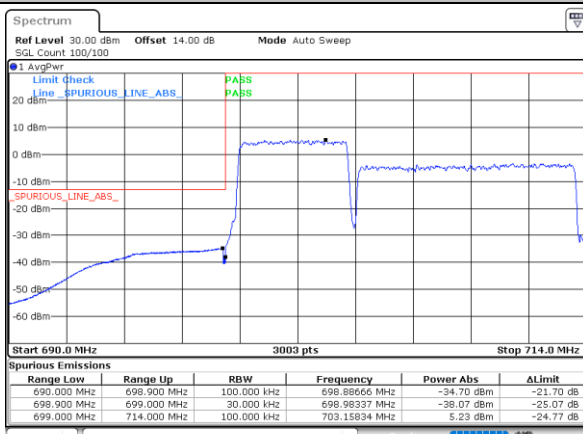
Lowest Band Edge / 1RB49 and 1RB0



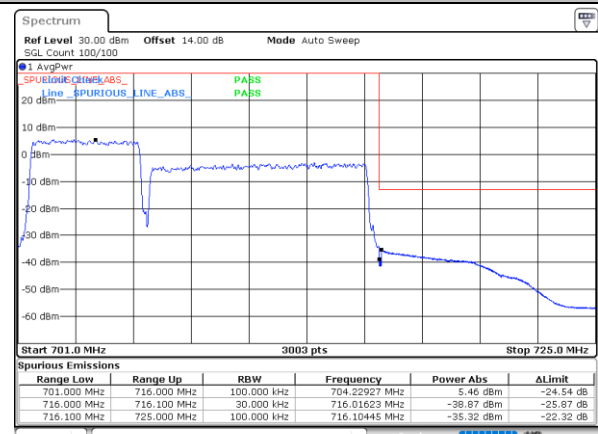
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

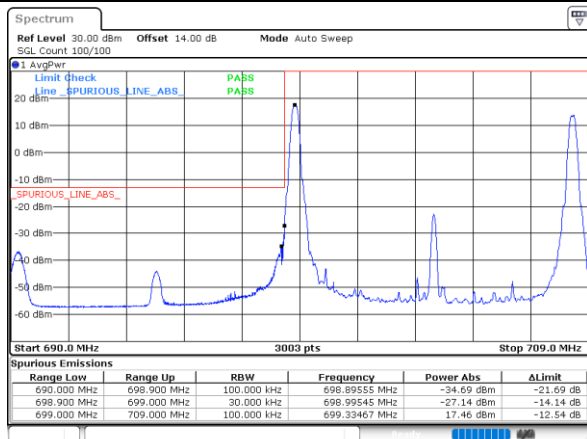




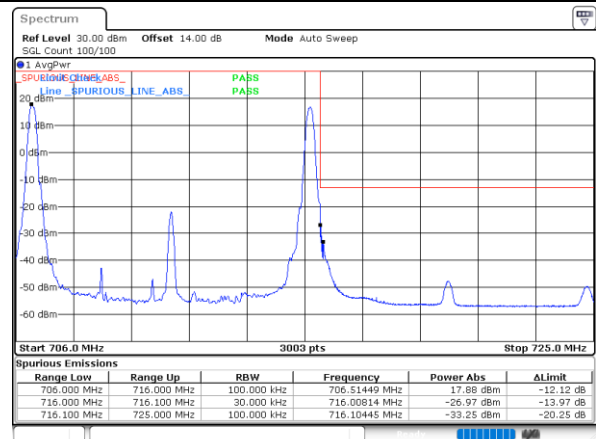
LTE Band 12B / 5MHz+5MHz

16QAM

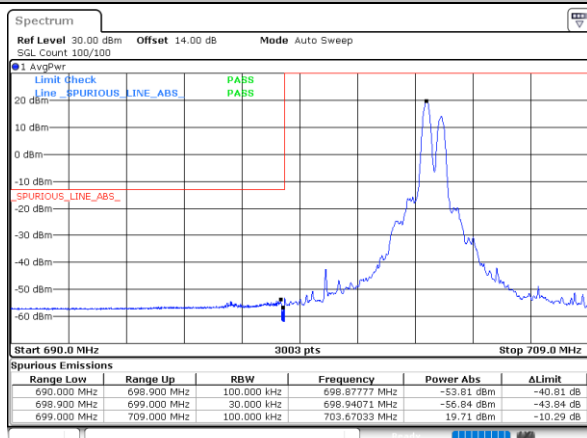
Lowest Band Edge / 1RB0 and 1RB24



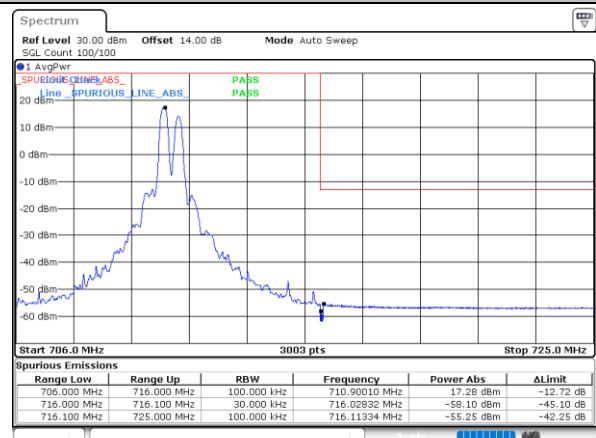
Highest Band Edge / 1RB0 and 1RB24



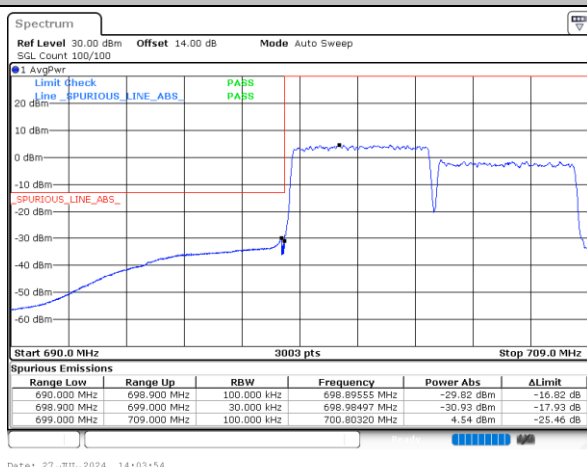
Lowest Band Edge / 1RB24 and 1RB0



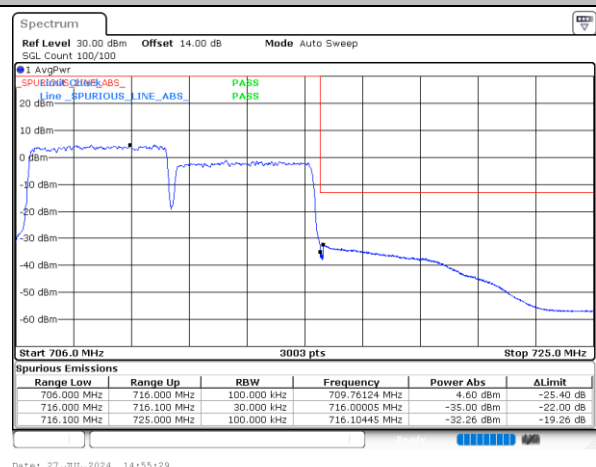
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

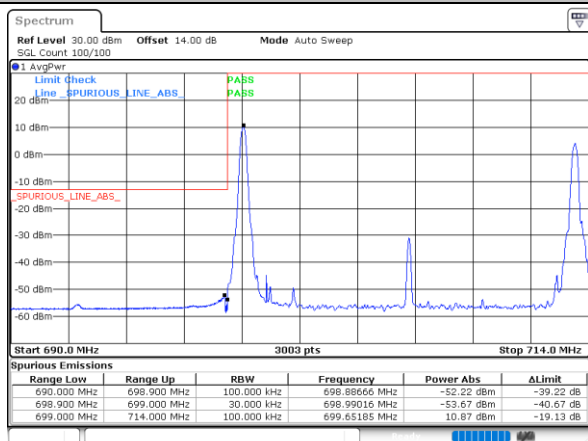




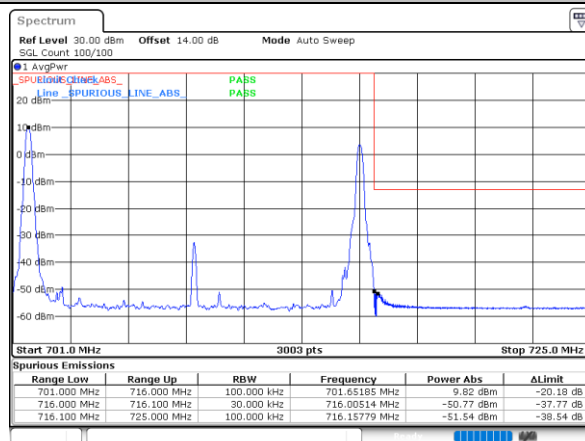
LTE Band 12B / 5MHz+10MHz

16QAM

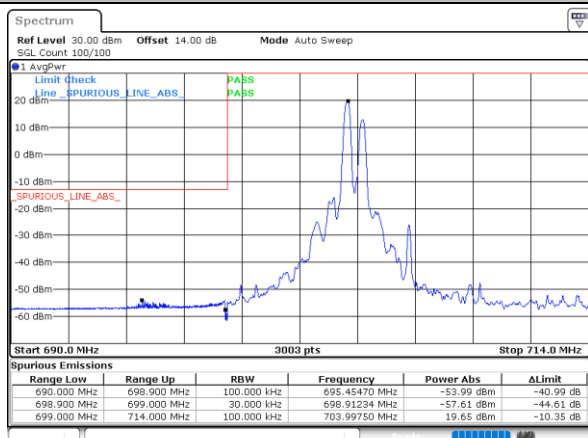
Lowest Band Edge / 1RB0 and 1RB49



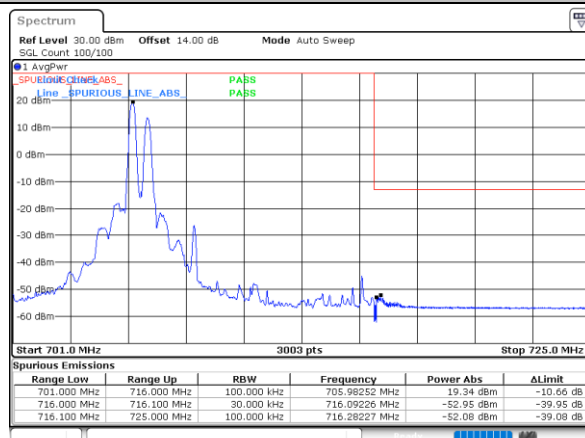
Highest Band Edge / 1RB0 and 1RB49



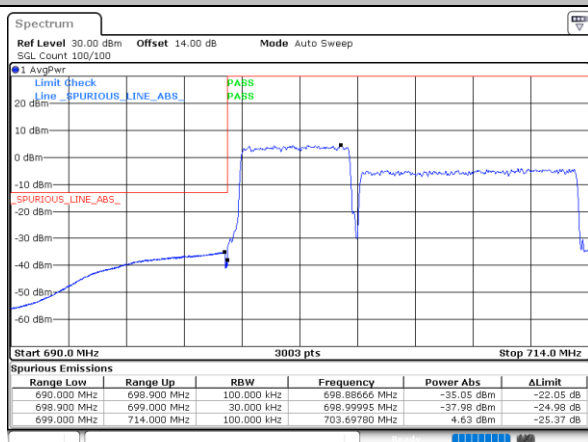
Lowest Band Edge / 1RB49 and 1RB0



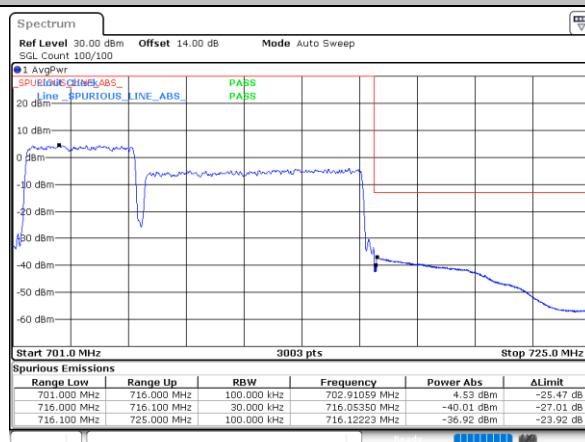
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

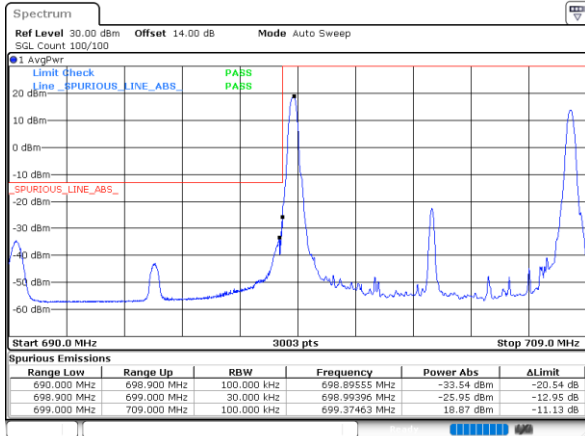




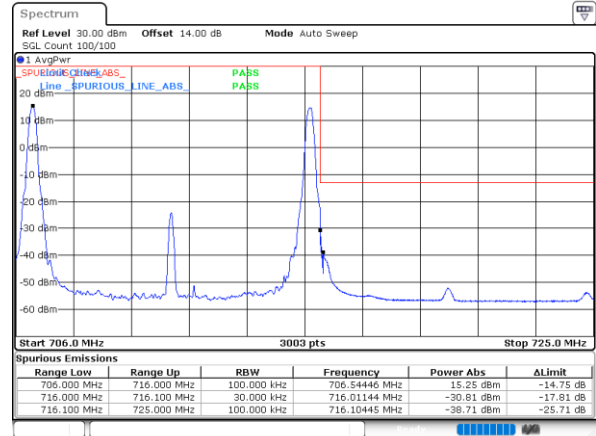
LTE Band 12B / 5MHz+5MHz

64QAM

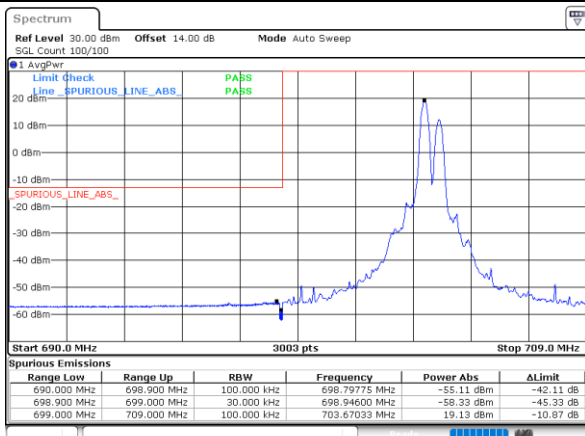
Lowest Band Edge / 1RB0 and 1RB24



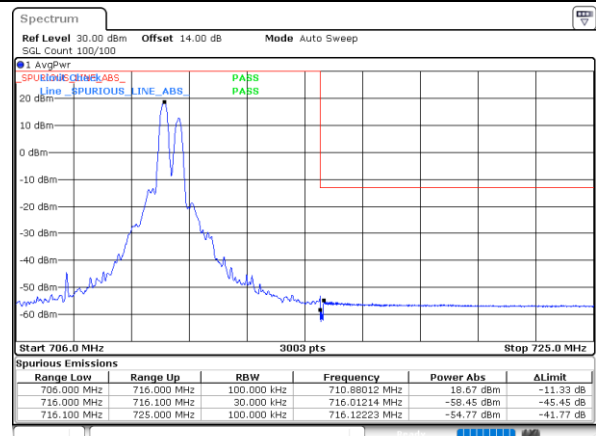
Highest Band Edge / 1RB0 and 1RB24



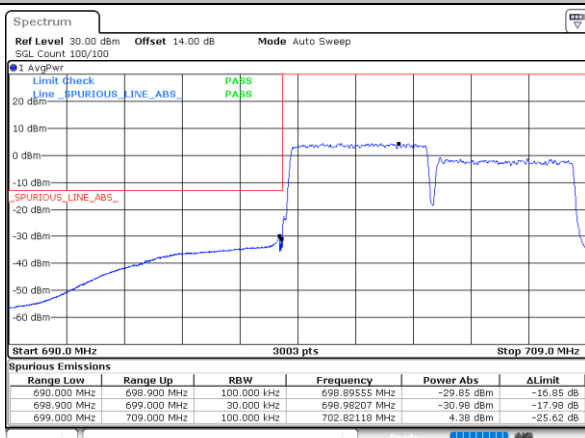
Lowest Band Edge / 1RB24 and 1RB0



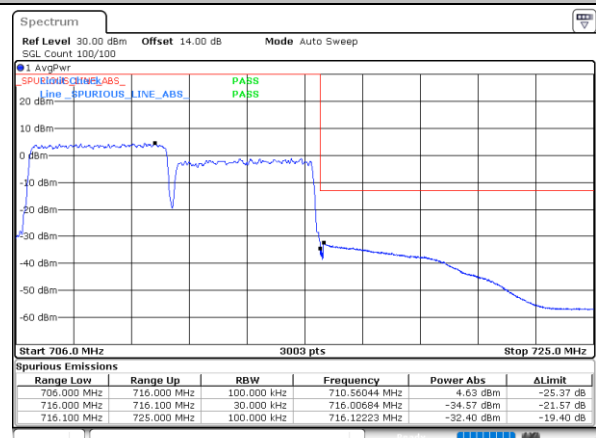
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

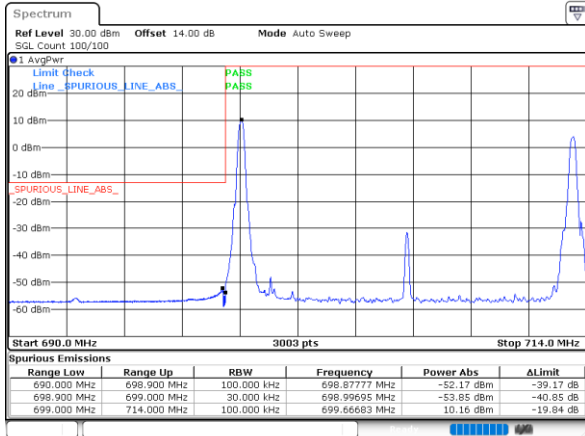




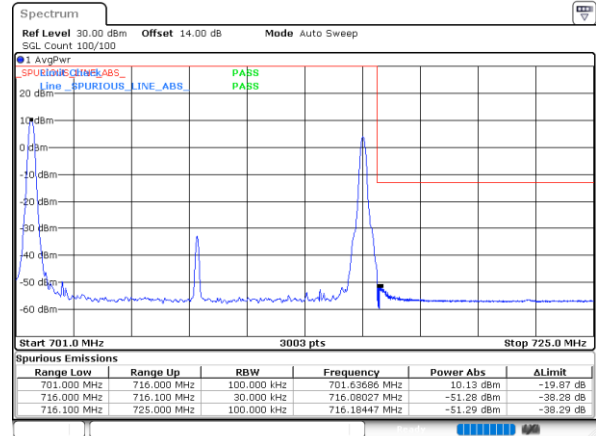
LTE Band 12B / 5MHz+10MHz

64QAM

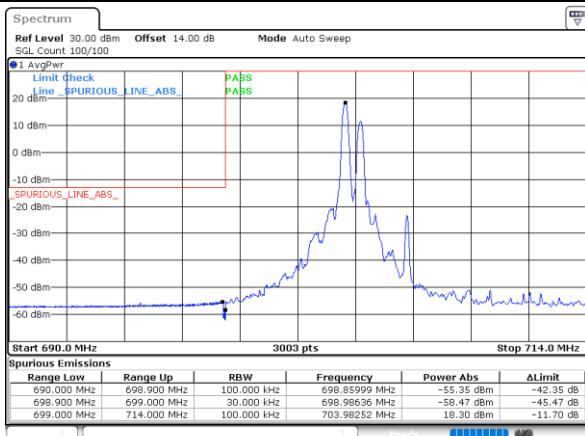
Lowest Band Edge / 1RB0 and 1RB49



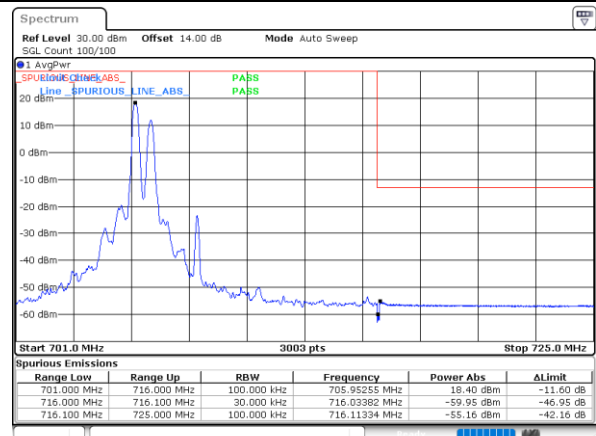
Highest Band Edge / 1RB0 and 1RB49



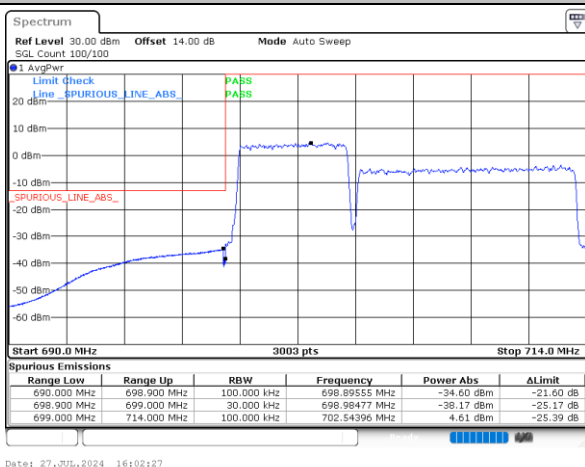
Lowest Band Edge / 1RB49 and 1RB0



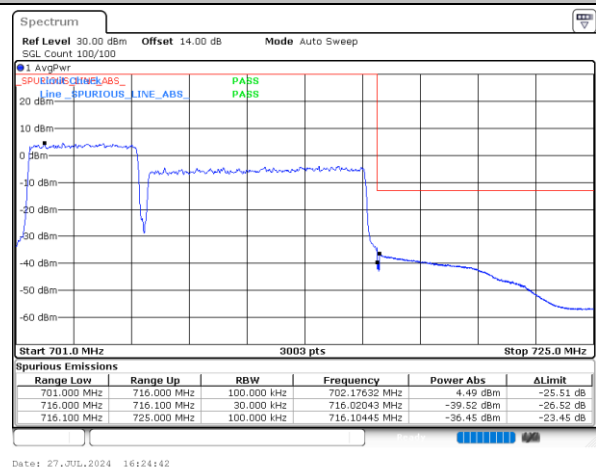
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





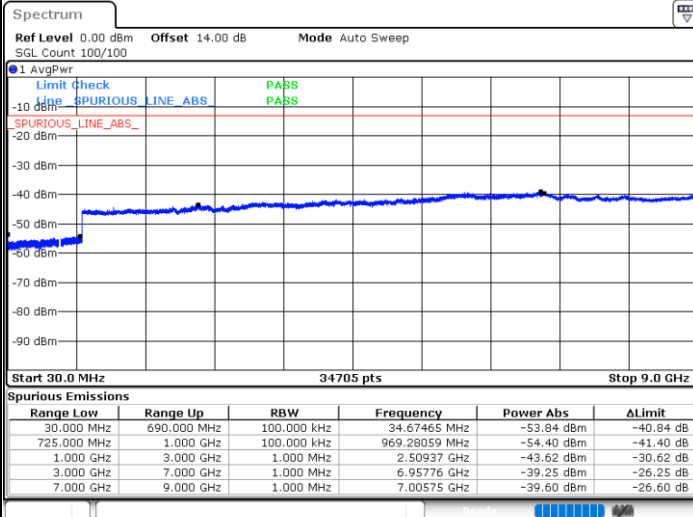
Conducted Spurious Emission

LTE Band 12B / 5MHz+5MHz

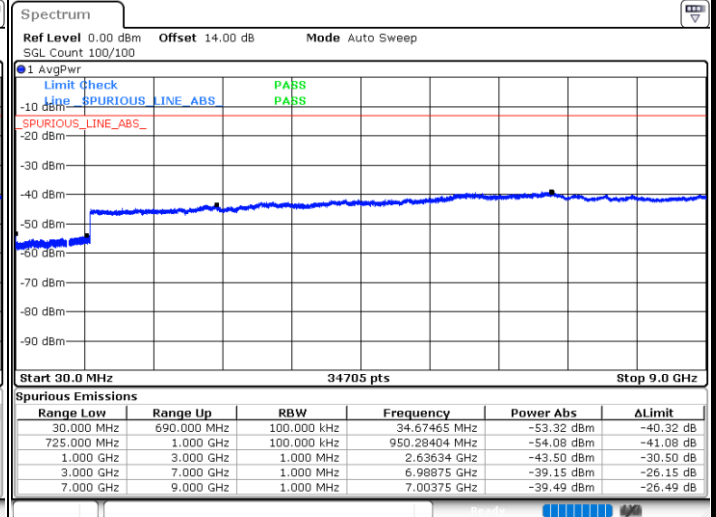
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

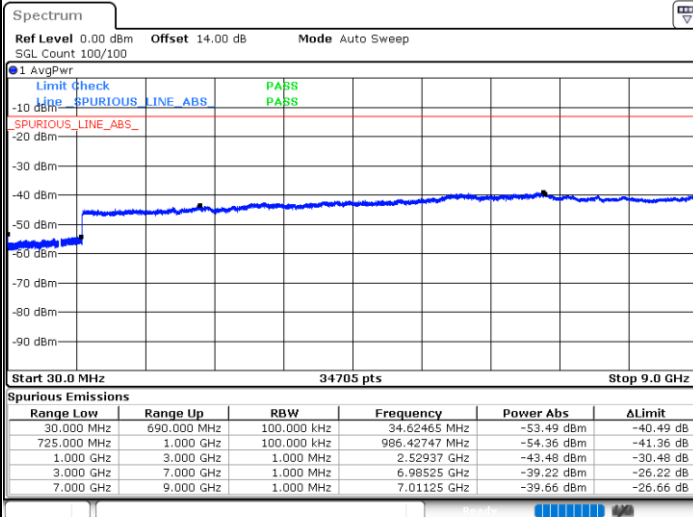


Date: 27.JUL.2024 14:05:58



Date: 27.JUL.2024 14:12:54

Highest Channel / 1RB24 and 1RB0



Date: 27.JUL.2024 14:48:45

NA

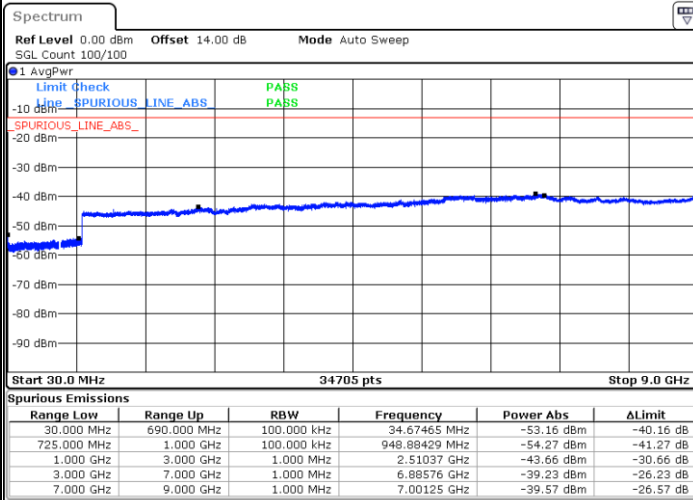


LTE Band 12B / 5MHz+10MHz

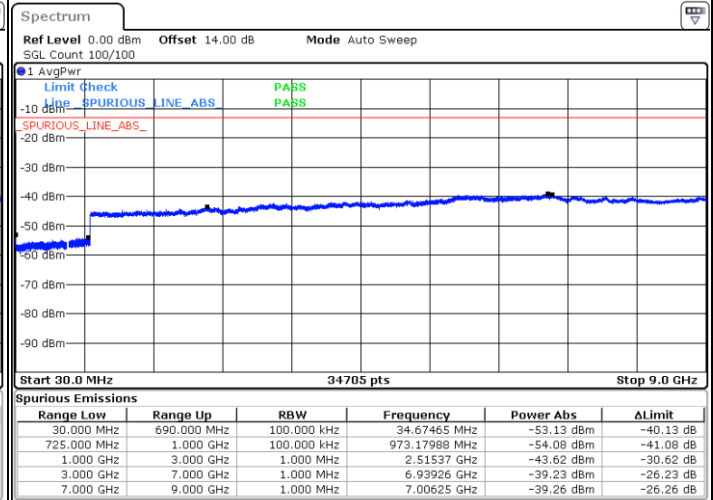
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

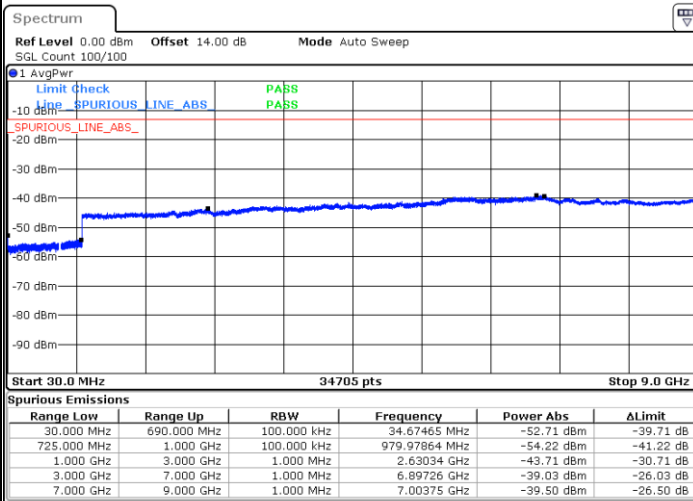


Date: 27.JUL.2024 16:03:42



Date: 27.JUL.2024 16:06:26

Highest Channel / 1RB49 and 1RB0



Date: 27.JUL.2024 16:16:56

NA



LTE Band CA_5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.12	8.22	14.60
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.78	19.58	-

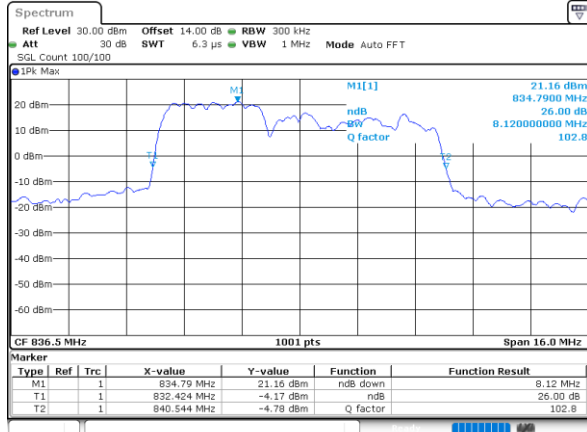
Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.15	8.22	14.69
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.75	19.62	-



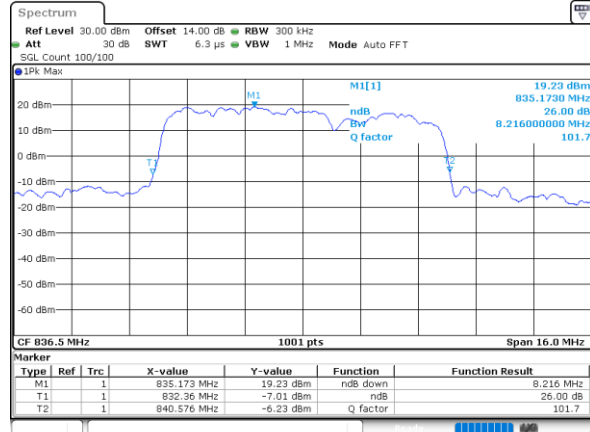
LTE Band 5B

QPSK

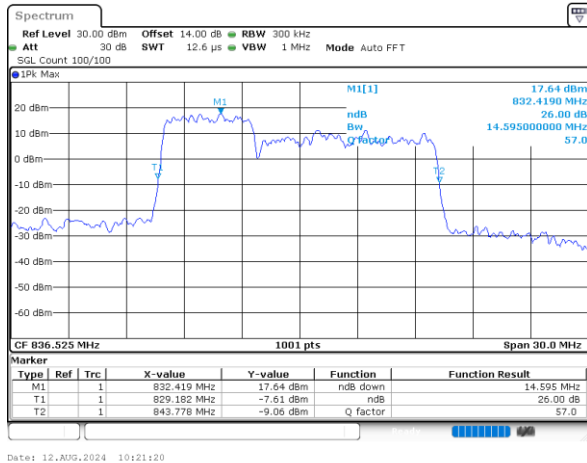
Middle Channel / 3MHz+5MHz



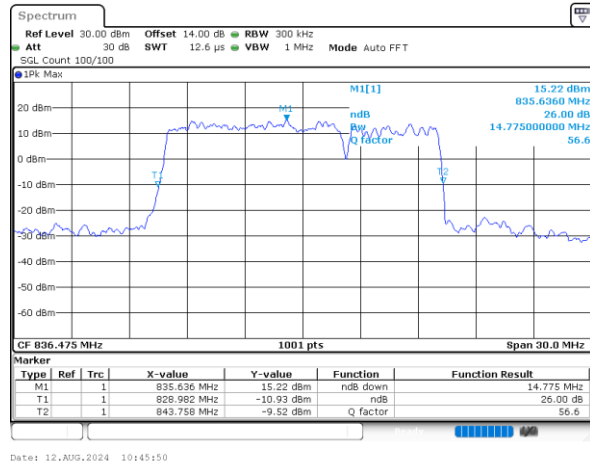
Middle Channel / 5MHz+3MHz



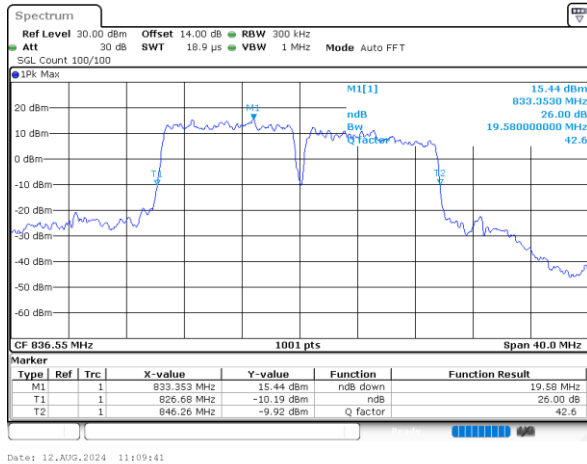
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



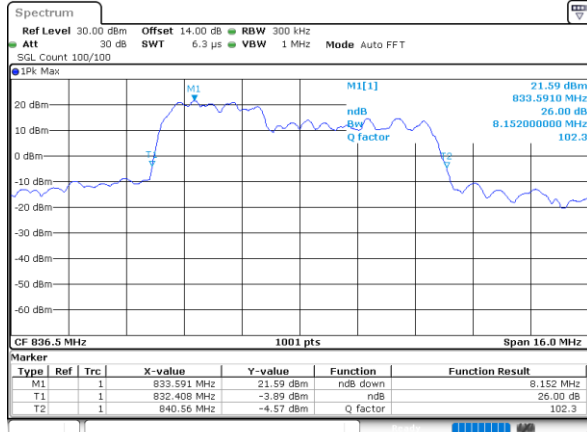
N/A



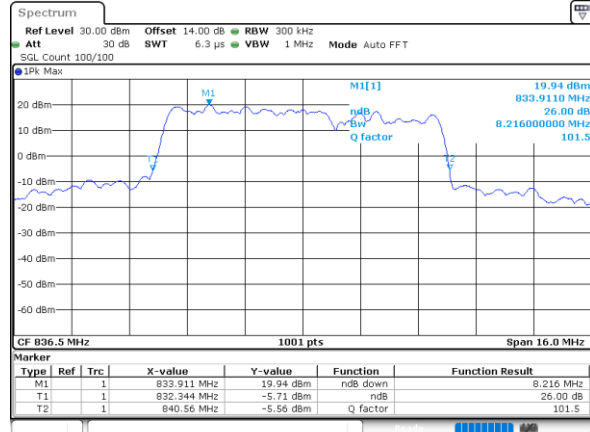
LTE Band 5B

16QAM

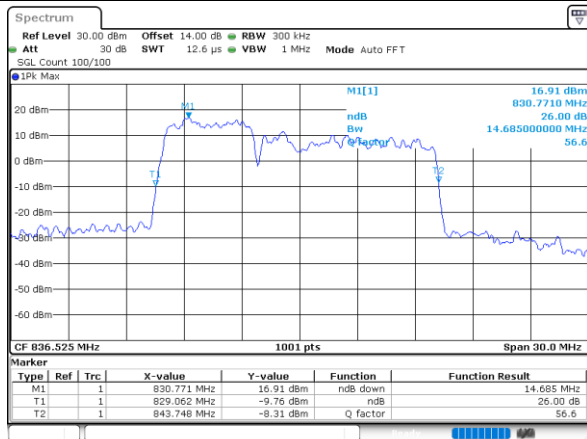
Middle Channel / 3MHz+5MHz



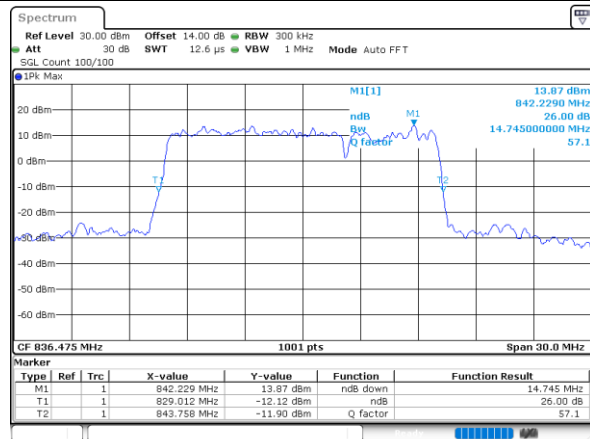
Middle Channel / 5MHz+3MHz



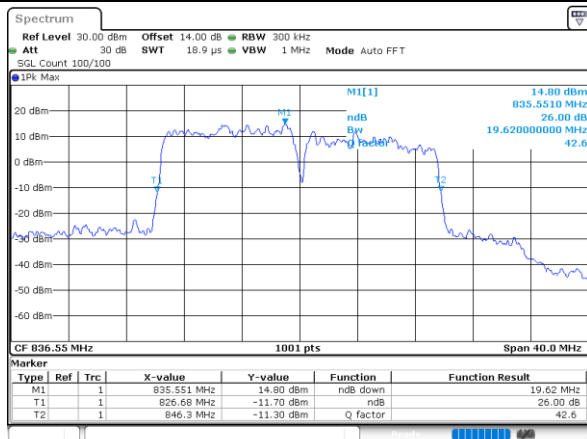
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

**Occupied Bandwidth**

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.50	7.51	13.79
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.82	18.66	-

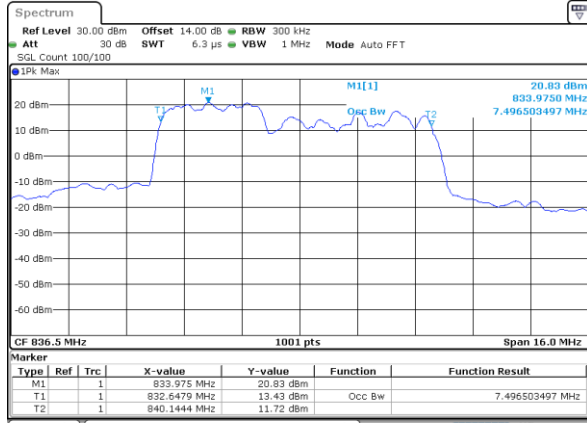
Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.43	7.53	13.85
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.58	-



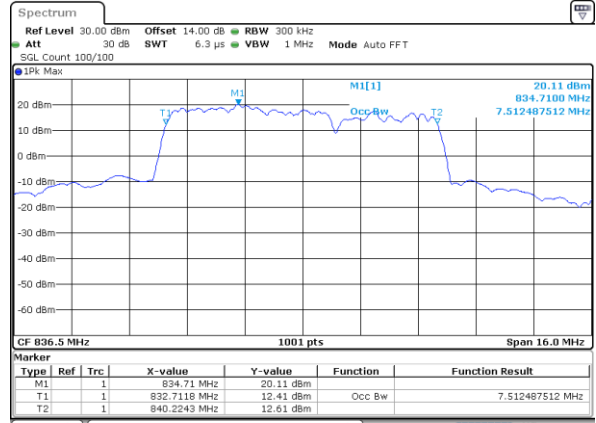
LTE Band 5B

QPSK

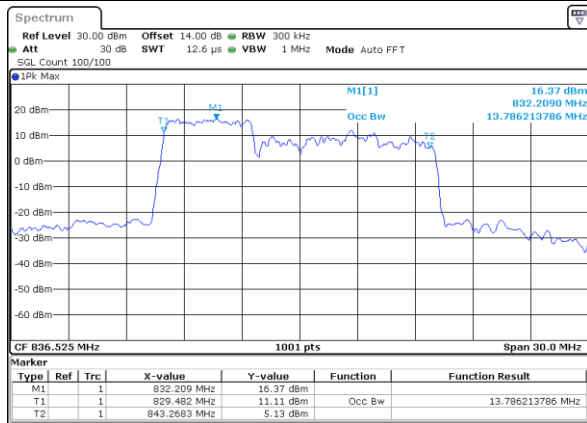
Middle Channel / 3MHz+5MHz



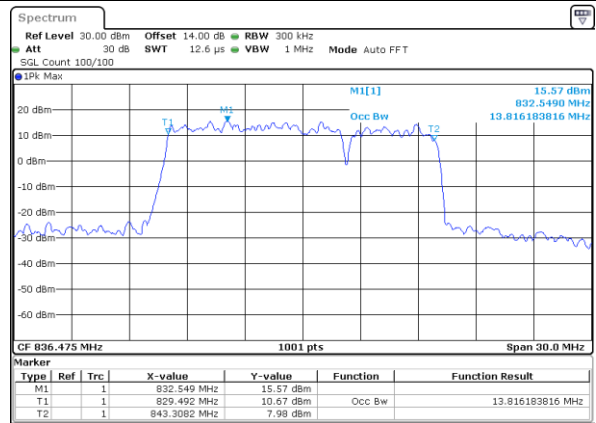
Middle Channel / 5MHz+3MHz



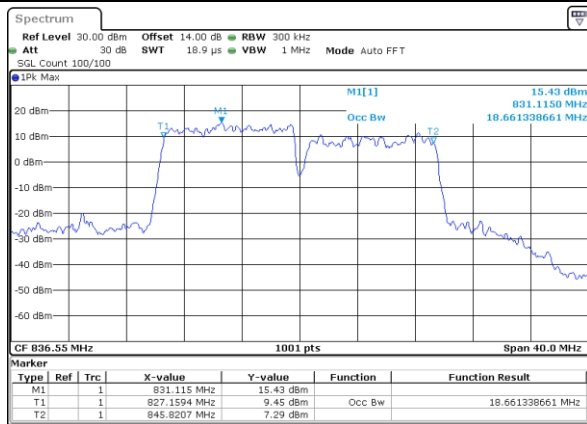
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



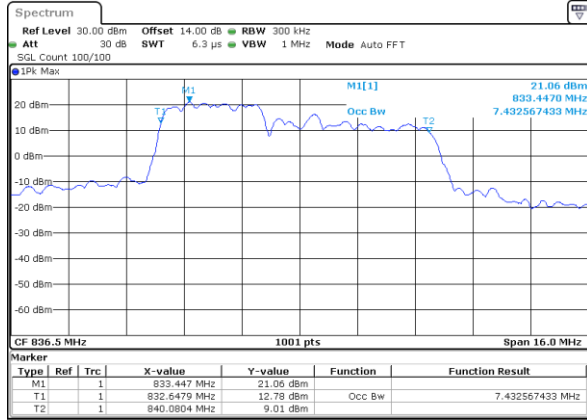
N/A



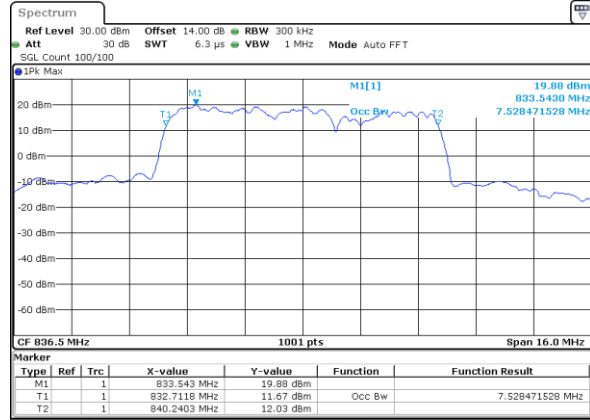
LTE Band 5B

16QAM

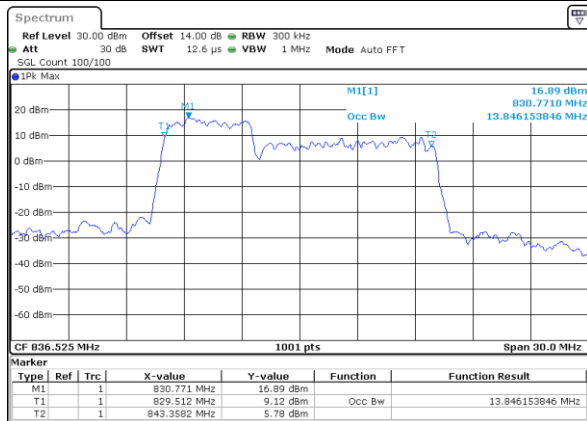
Middle Channel / 3MHz+5MHz



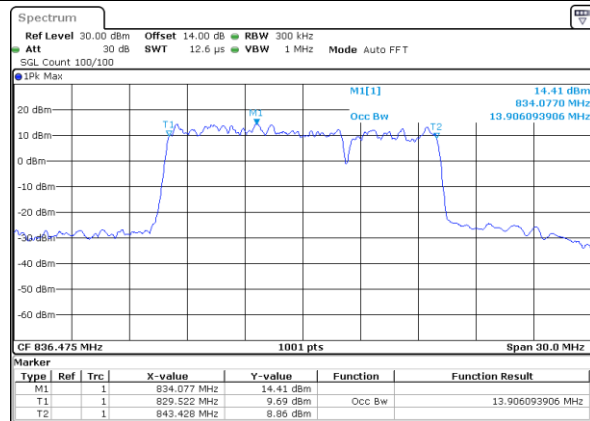
Middle Channel / 5MHz+3MHz



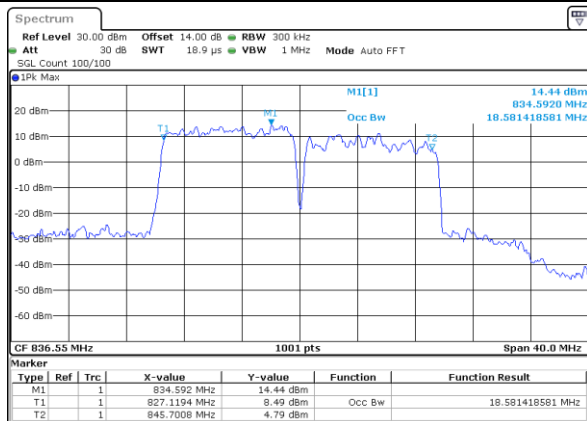
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

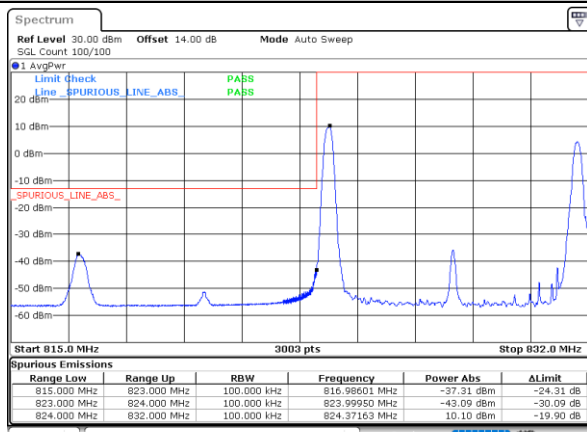


Conducted Band Edge

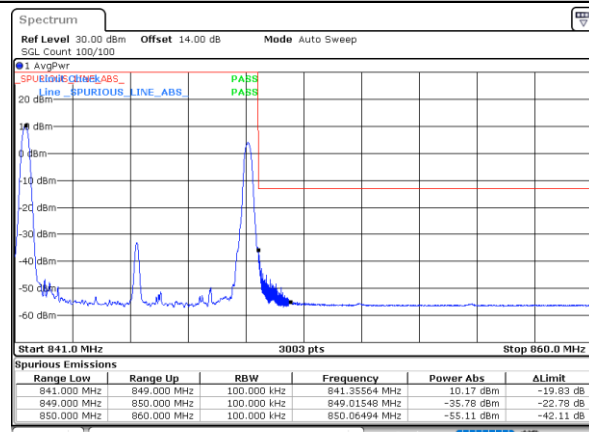
LTE Band 5B / 3MHz+5MHz

QPSK

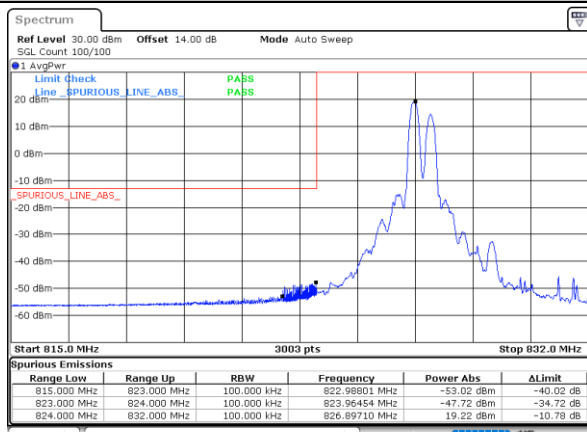
Lowest Band Edge / 1RB0 and 1RB24



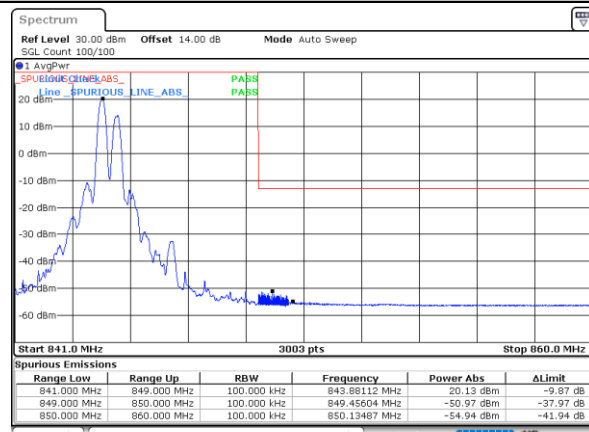
Highest Band Edge / 1RB0 and 1RB24



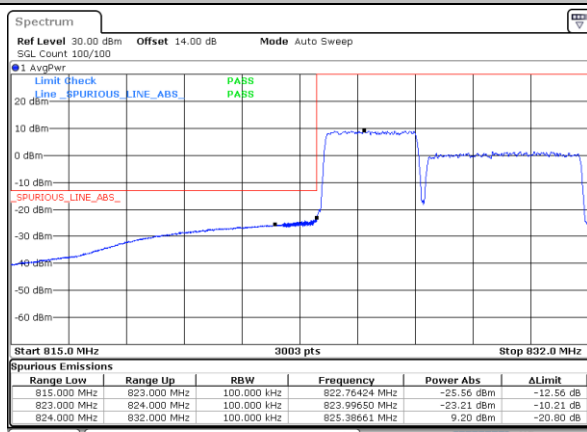
Lowest Band Edge / 1RB14 and 1RB0



Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

