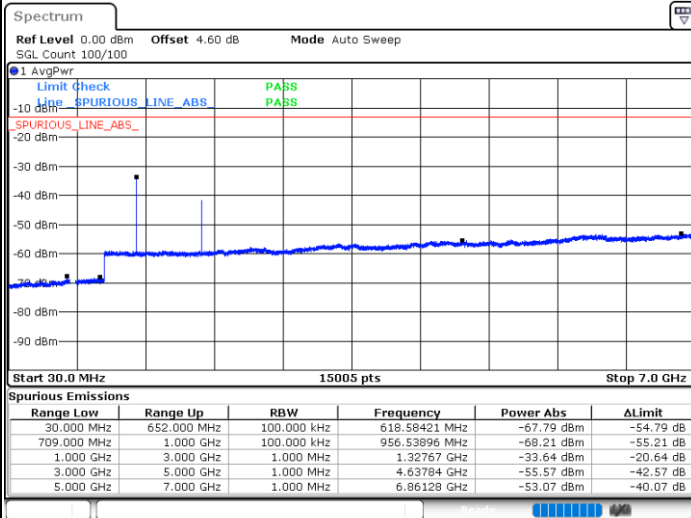




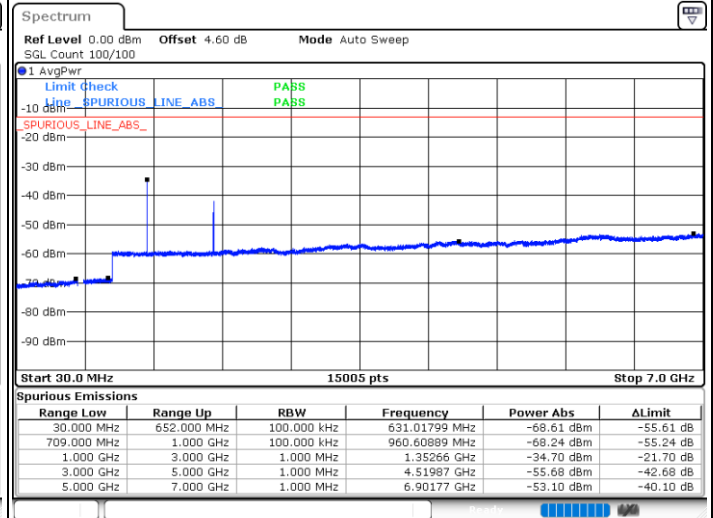
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

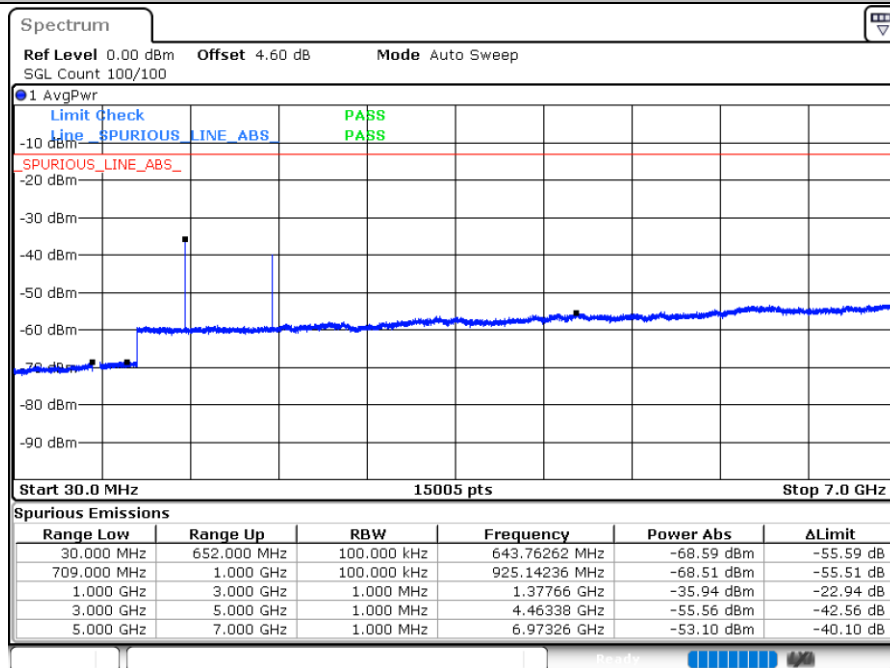


Date: 27.APR.2025 23:24:03



Date: 27.APR.2025 23:26:02

Highest Channel / QPSK

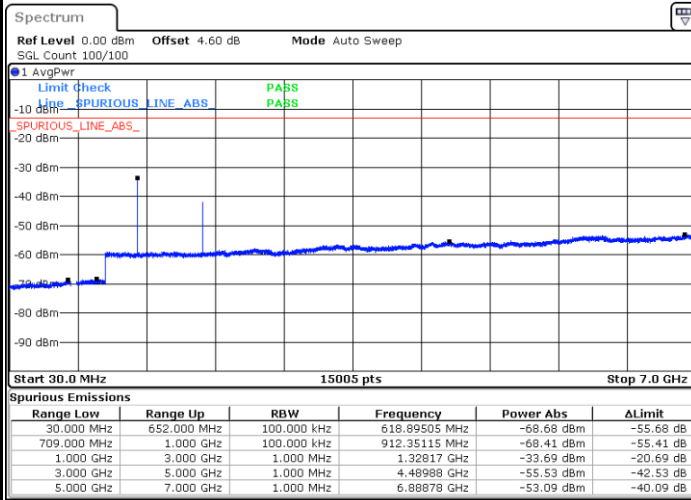


Date: 27.APR.2025 23:29:24



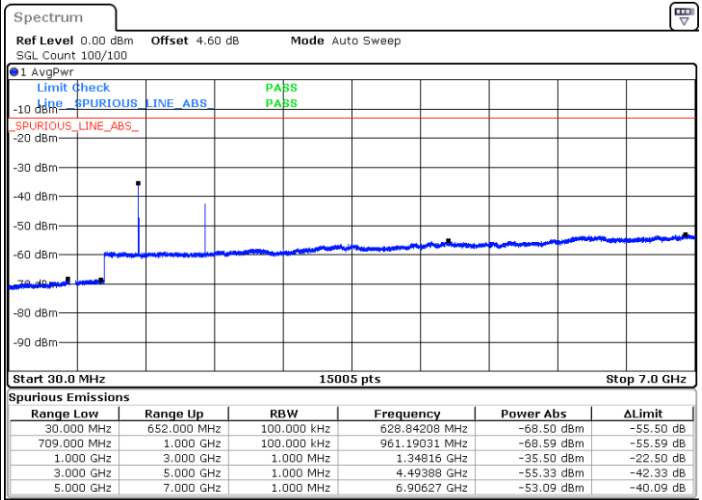
LTE Band 71 / 15MHz

Lowest Channel / QPSK



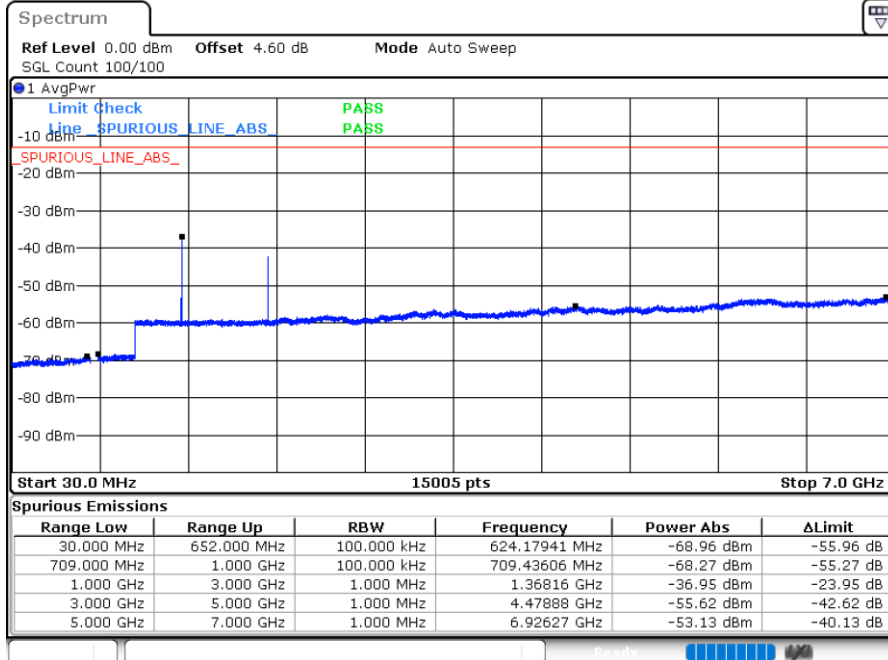
Date: 28.APR.2025 00:25:56

Middle Channel / QPSK



Date: 28.APR.2025 00:27:56

Highest Channel / QPSK

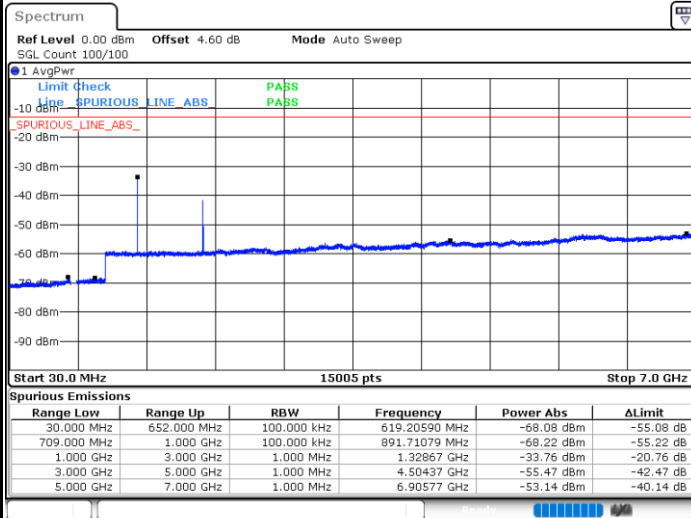


Date: 28.APR.2025 00:31:18



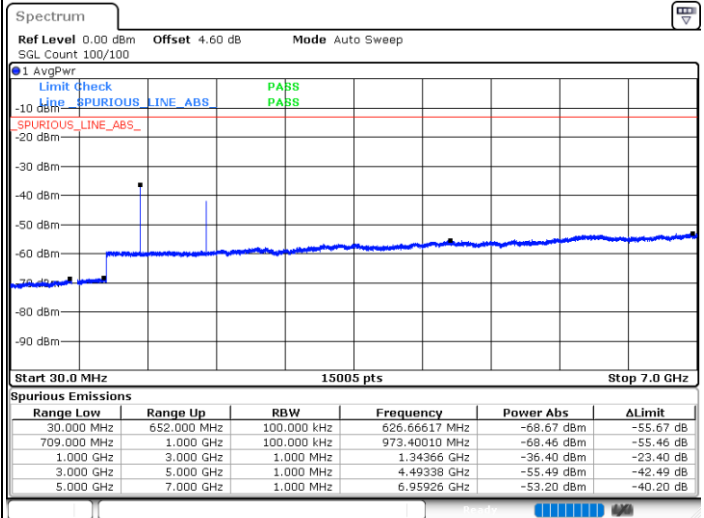
LTE Band 71 / 20MHz

Lowest Channel / QPSK



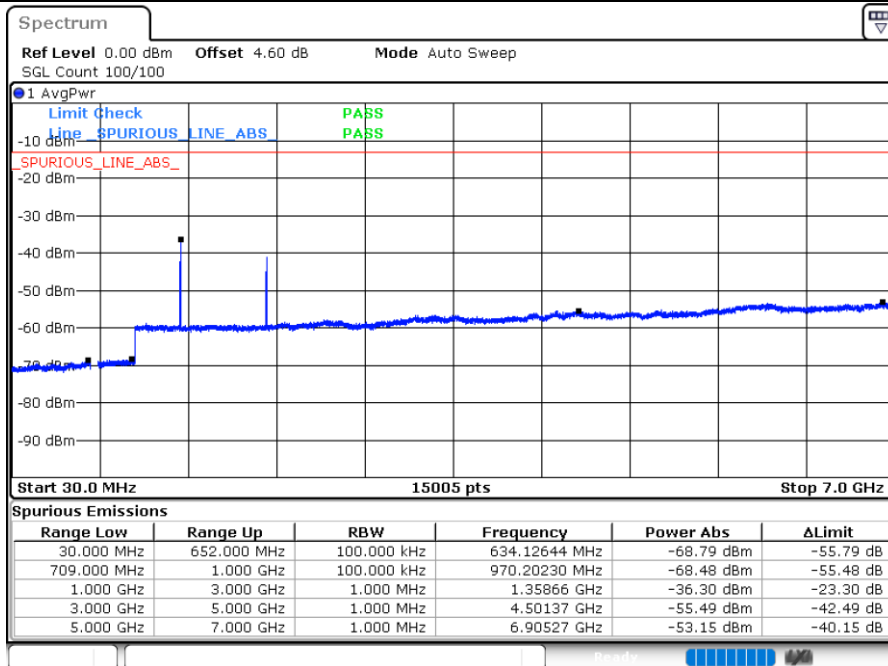
Date: 28.APR.2025 00:48:44

Middle Channel / QPSK



Date: 28.APR.2025 00:50:43

Highest Channel / QPSK



Date: 28.APR.2025 00:54:05

**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	0.0028	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0091	
-10	Normal Voltage	0.0045	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0074	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0066	

Note:

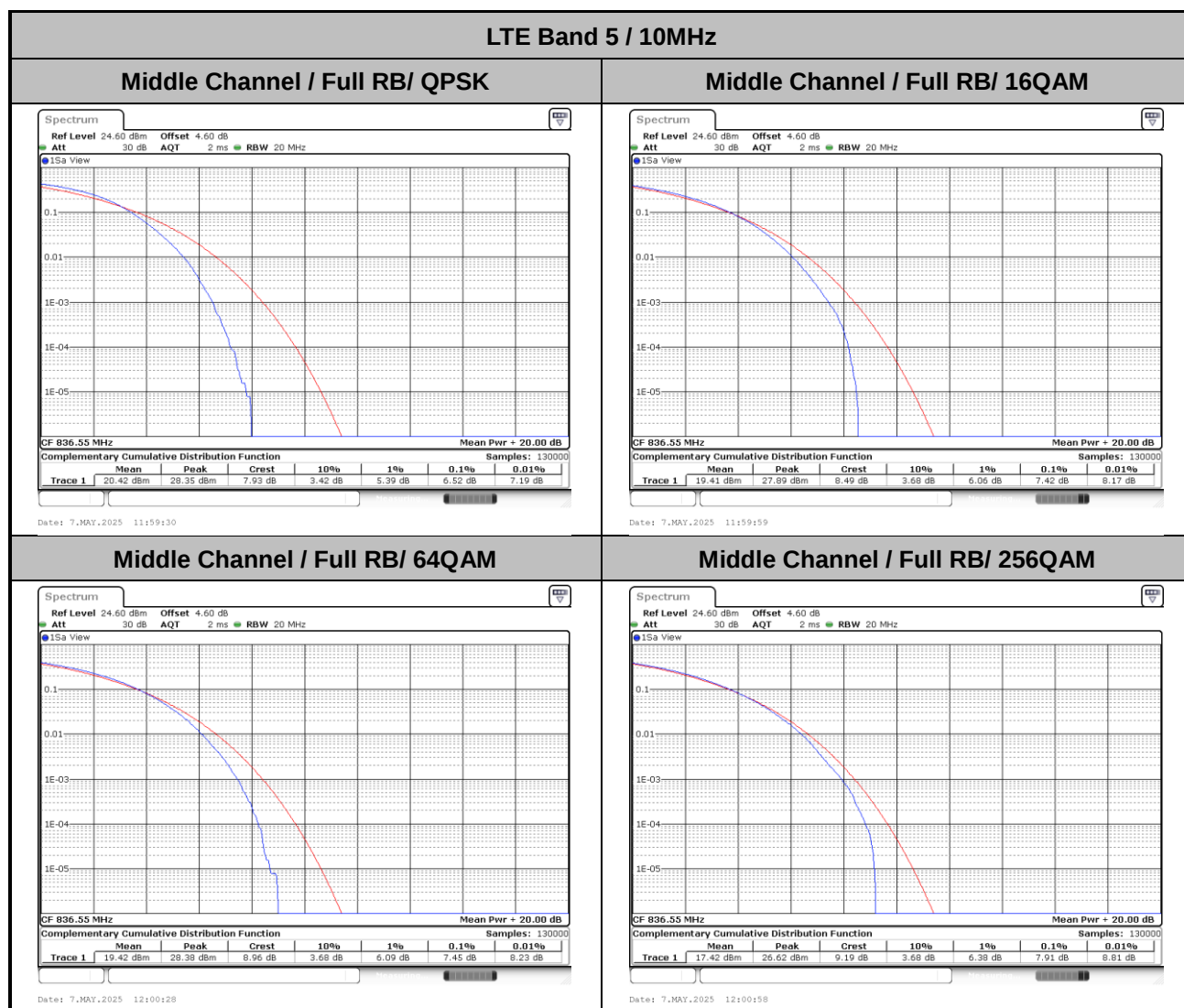
1. Normal Voltage =3.91V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5B

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256Q	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.52	7.42	7.45	7.91	PASS



26dB Bandwidth

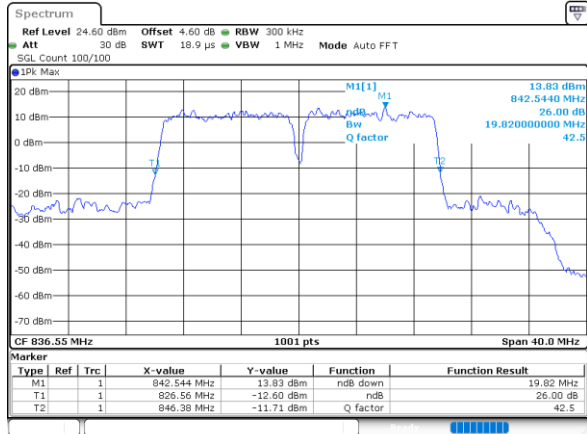
Mode	LTE Band 5B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	10MHz+10MHz	
Middle CH	19.82	19.78
Mod.	QPSK	16QAM
BW	10MHz+5MHz	
Middle CH	14.66	17.72
Mod.	QPSK	16QAM
BW	5MHz+10MHz	
Middle CH	14.84	14.78
Mod.	QPSK	16QAM
BW	5MHz+3MHz	
Middle CH	8.15	8.28
Mod.	QPSK	16QAM
BW	3MHz+5MHz	
Middle CH	8.22	8.38



LTE Band 5B

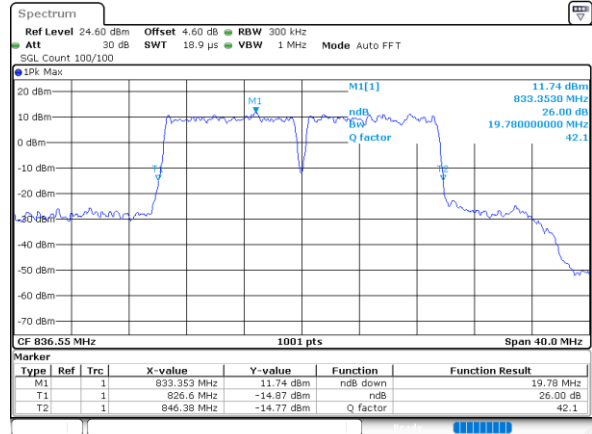
QPSK

Middle Channel / 10MHz+10MHz / QPSK

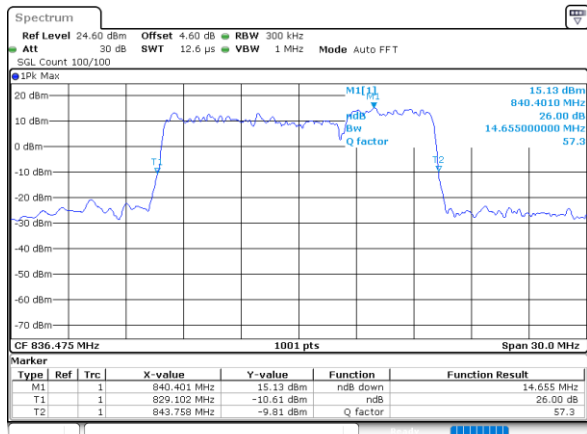


16QAM

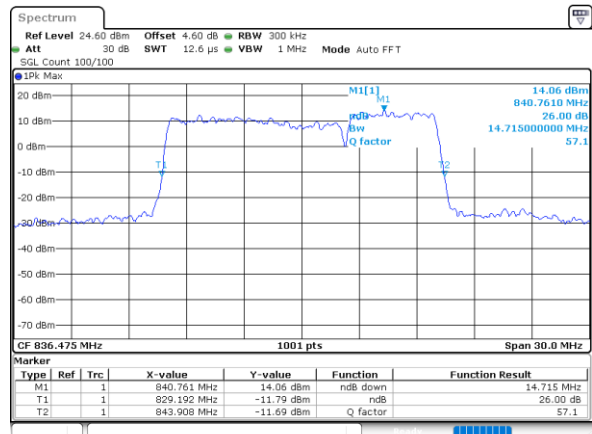
Middle Channel / 10MHz+10MHz /16QAM



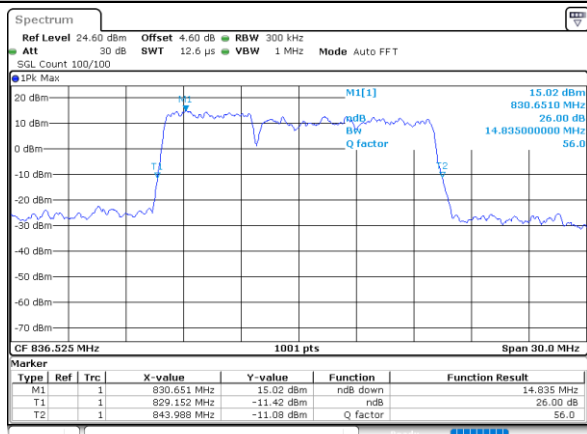
Middle Channel / 10MHz+5MHz / QPSK



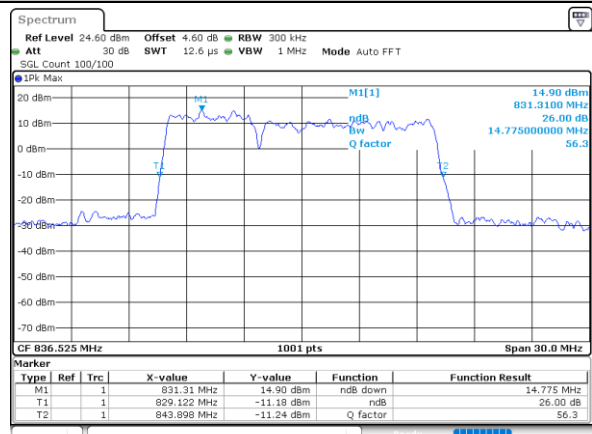
Middle Channel / 10MHz+5MHz /16QAM



Middle Channel / 5MHz+10MHz / QPSK

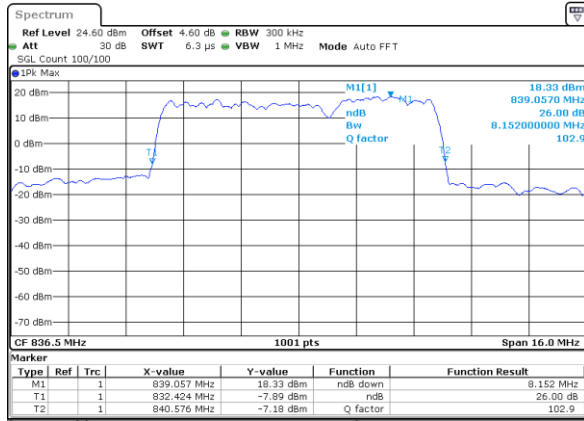


Middle Channel / 5MHz+10MHz /16QAM



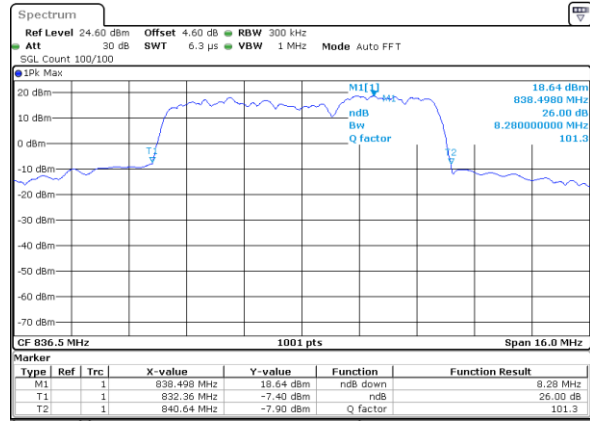


Middle Channel / 5MHz+3MHz / QPSK



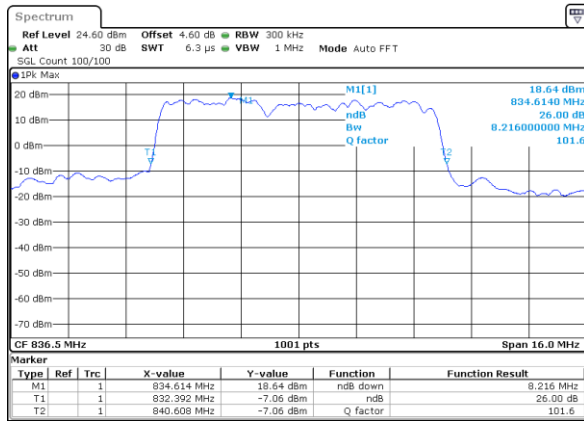
Date: 7.MAY.2025 11:36:19

Middle Channel / 5MHz+3MHz / 16QAM



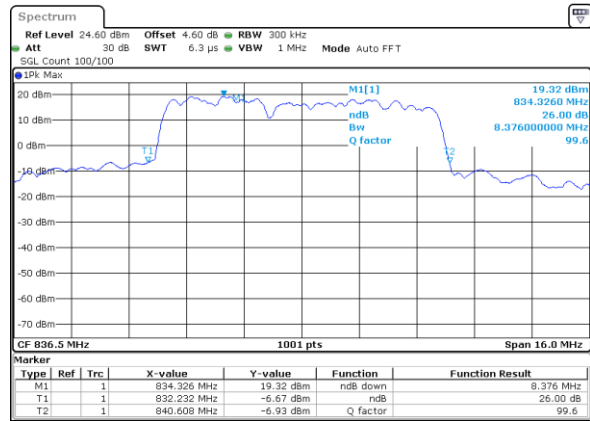
Date: 7.MAY.2025 11:36:19

Middle Channel / 3MHz+5MHz / QPSK



Date: 7.MAY.2025 11:30:56

Middle Channel / 3MHz+5MHz / 16QAM



Date: 7.MAY.2025 11:30:26

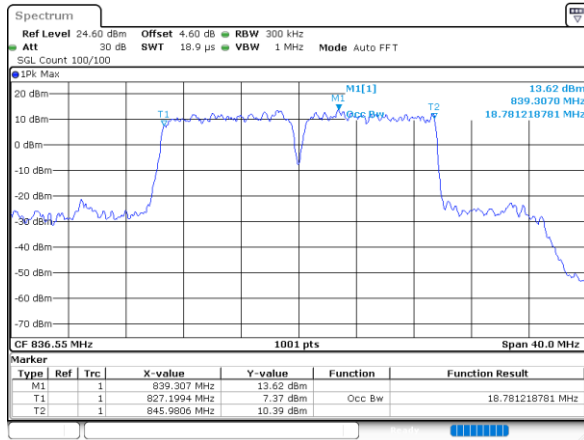
**Occupied Bandwidth**

Mode	LTE Band 5B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	10MHz+10MHz	
Middle CH	18.78	18.70
Mod.	QPSK	16QAM
BW	10MHz+5MHz	
Middle CH	13.94	13.91
Mod.	QPSK	16QAM
BW	5MHz+10MHz	
Middle CH	13.91	14.00
Mod.	QPSK	16QAM
BW	5MHz+3MHz	
Middle CH	7.59	7.56
Mod.	QPSK	16QAM
BW	3MHz+5MHz	
Middle CH	7.56	7.59

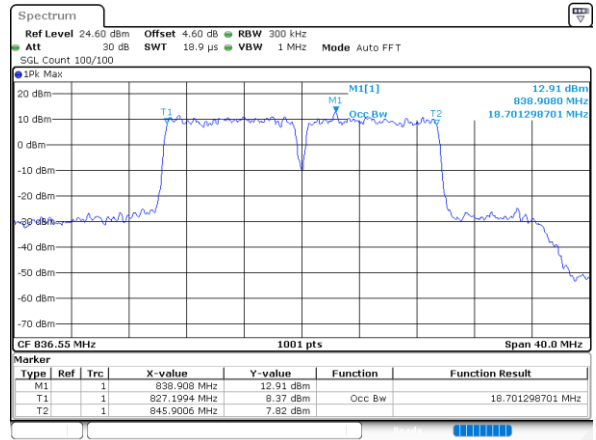


LTE Band 5B

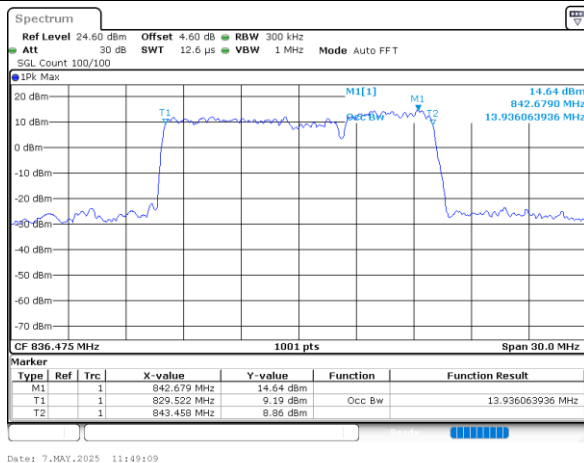
Middle Channel / 10MHz+10MHz / QPSK



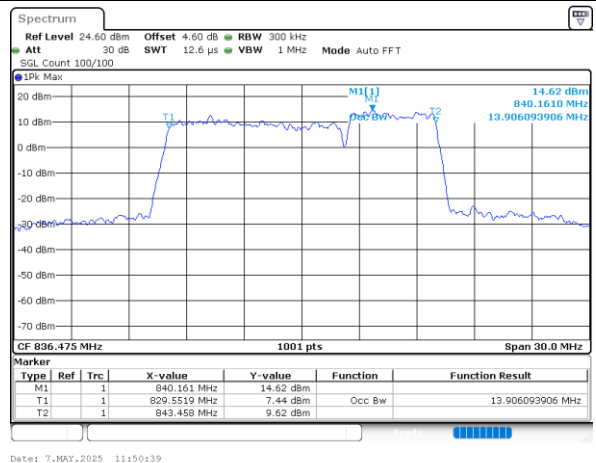
Middle Channel / 10MHz+10MHz / 16QAM



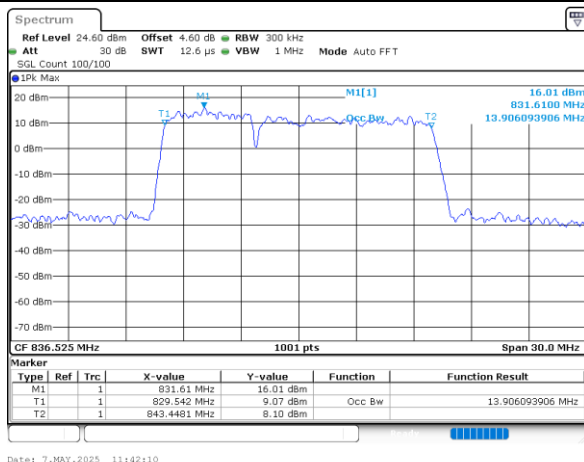
Middle Channel / 10MHz+5MHz / QPSK



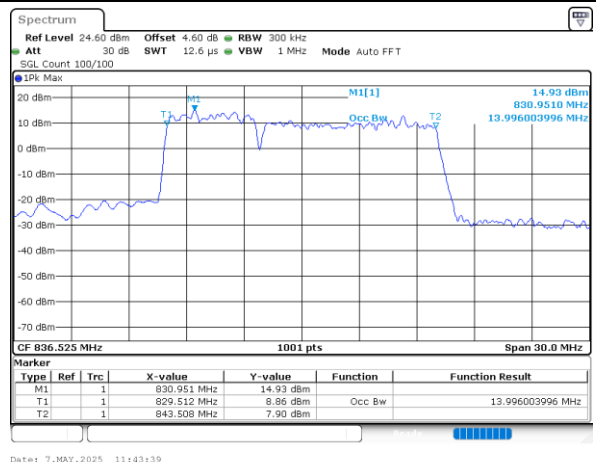
Middle Channel / 10MHz+5MHz / 16QAM



Middle Channel / 5MHz+10MHz / QPSK

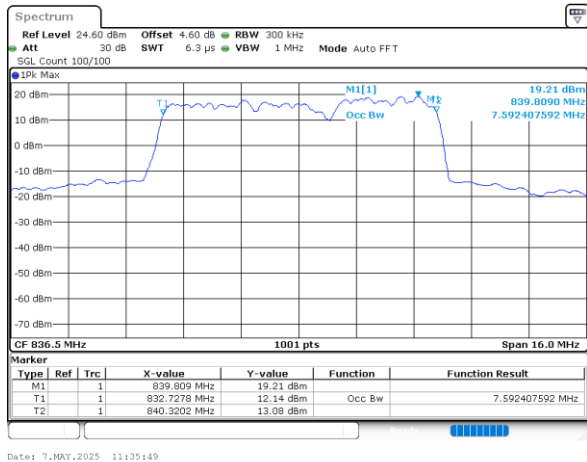


Middle Channel / 5MHz+10MHz / 16QAM

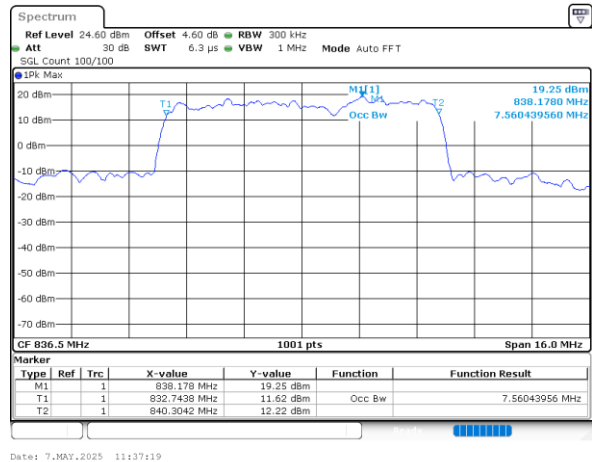




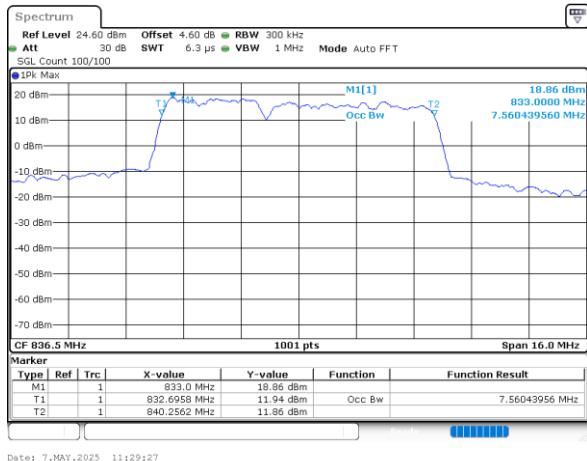
Middle Channel / 5MHz+3MHz / QPSK



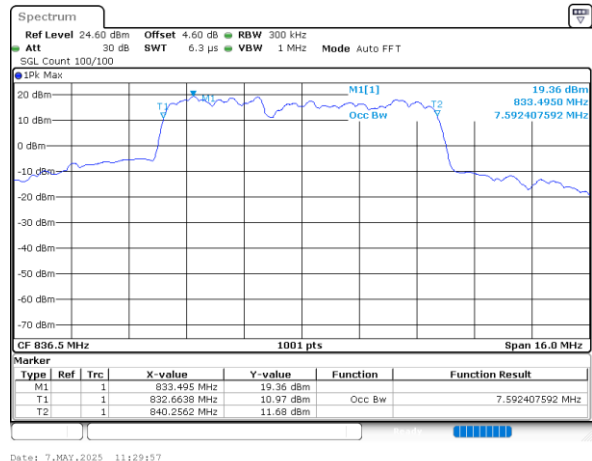
Middle Channel / 5MHz+3MHz / 16QAM



Middle Channel / 3MHz+5MHz / QPSK



Middle Channel / 3MHz+5MHz / 16QAM



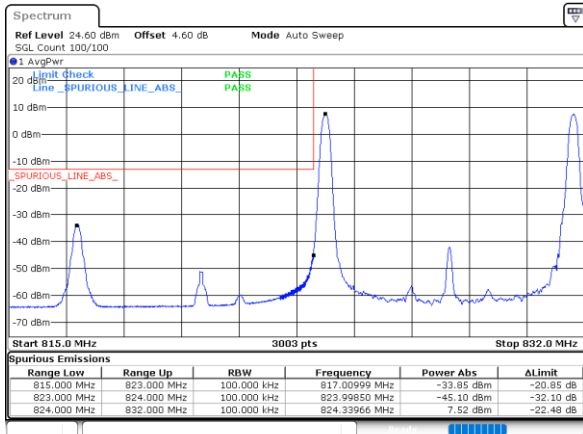


Conducted Band Edge

LTE Band 5B / 3MHz+5MHz

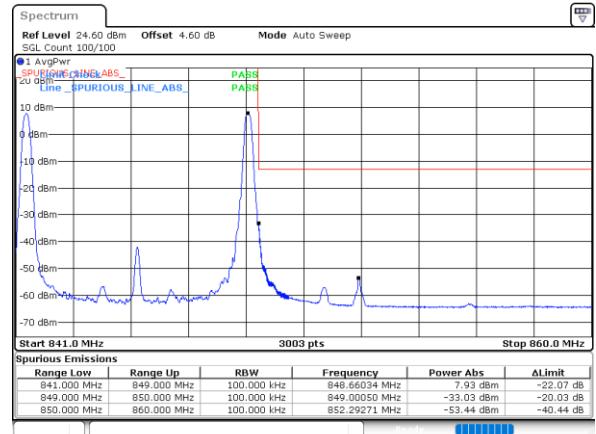
QPSK

Lowest Band Edge / 1RB0 and 1RB24



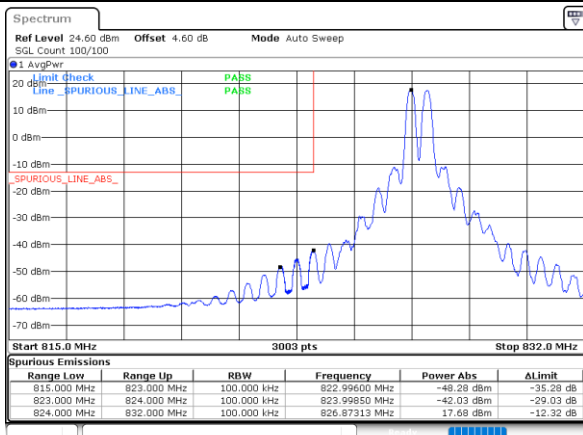
Date: 7.MAY.2025 09:31:00

Highest Band Edge / 1RB0 and 1RB24



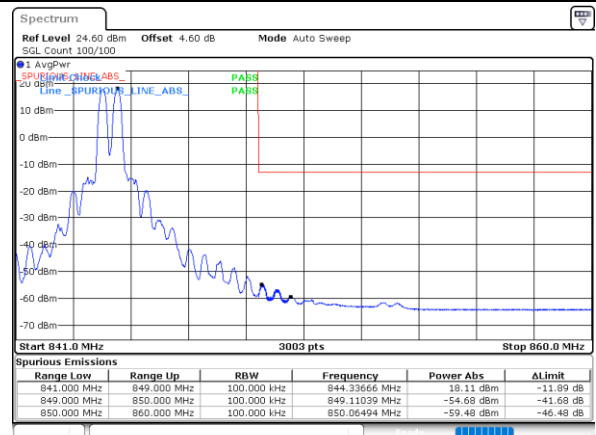
Date: 7.MAY.2025 09:43:03

Lowest Band Edge / 1RB14 and 1RB0



Date: 7.MAY.2025 09:34:58

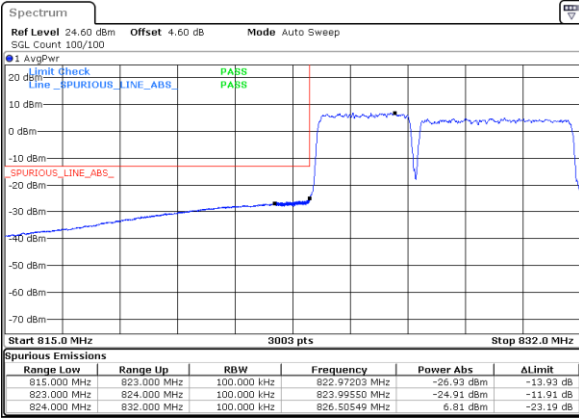
Highest Band Edge / 1RB14 and 1RB0



Date: 7.MAY.2025 09:47:03

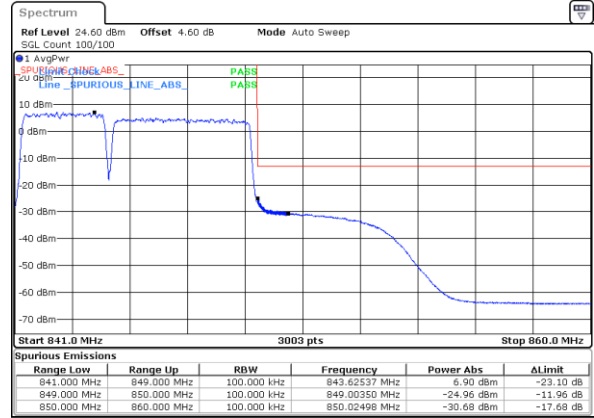


Lowest Band Edge / Full RB



Date: 7_MAY_2025 09:26:54

Highest Band Edge / Full RB



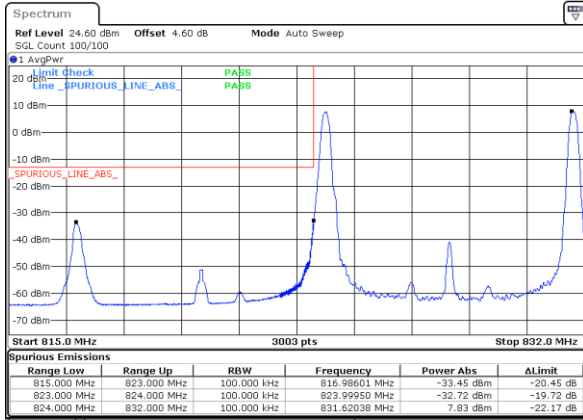
Date: 7_MAY_2025 09:39:03



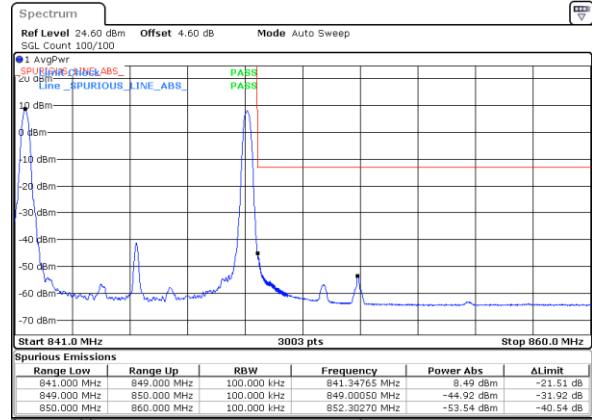
LTE Band 5B / 5MHz+3MHz

QPSK

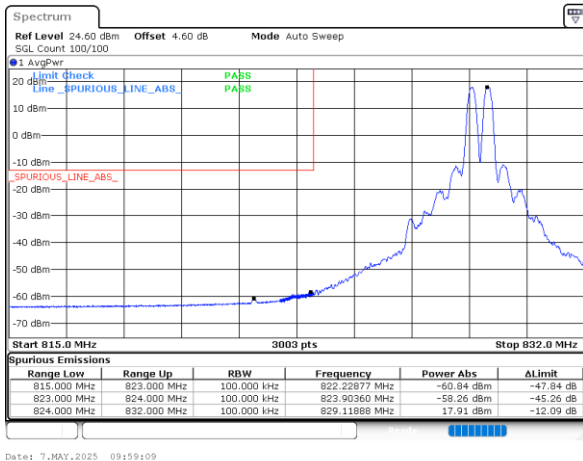
Lowest Band Edge / 1RB0 and 1RB14



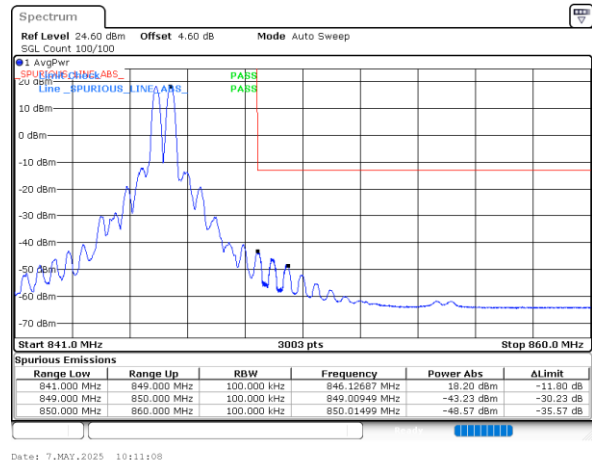
Highest Band Edge / 1RB0 and 1RB14



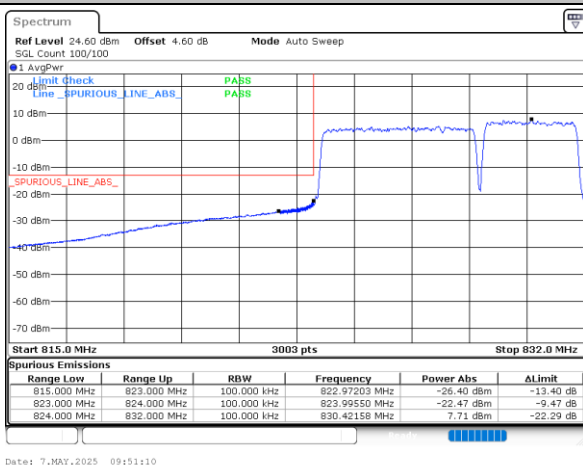
Lowest Band Edge / 1RB24 and 1RB0



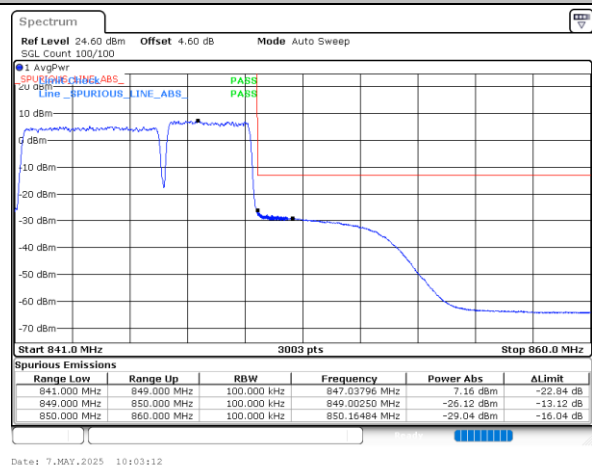
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

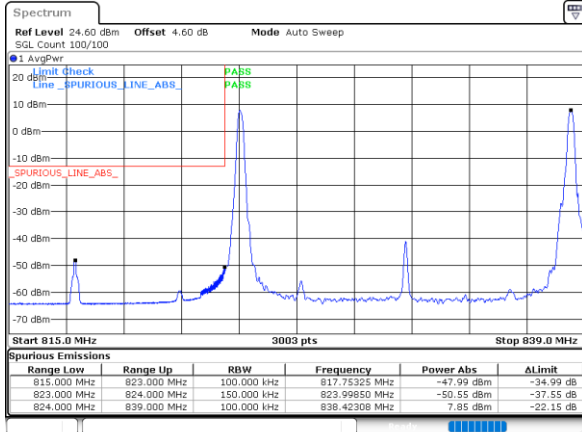




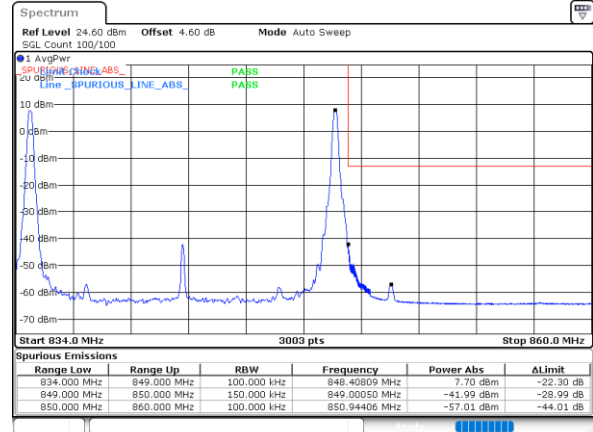
LTE Band 5B / 5MHz+10MHz

QPSK

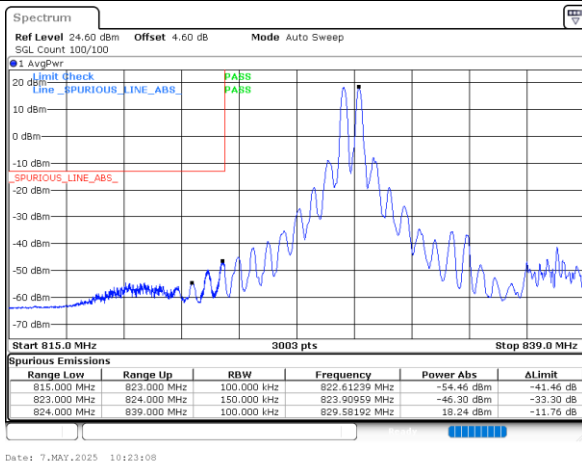
Lowest Band Edge / 1RB0 and 1RB49



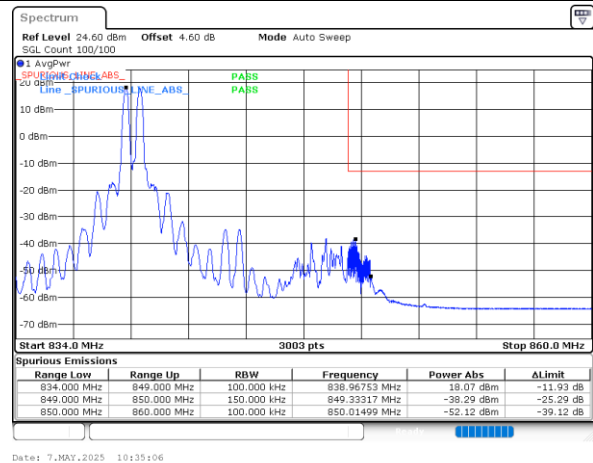
Highest Band Edge / 1RB0 and 1RB49



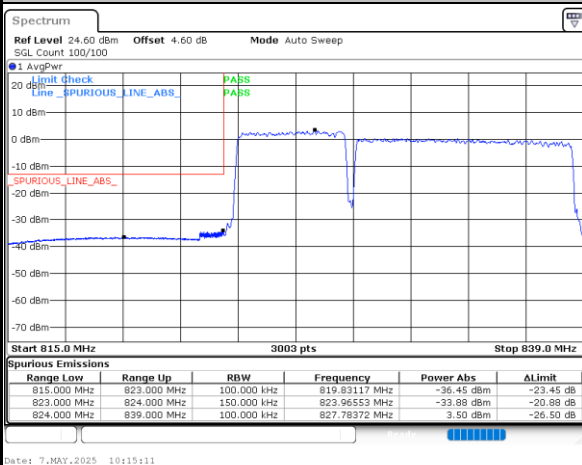
Lowest Band Edge / 1RB24 and 1RB0



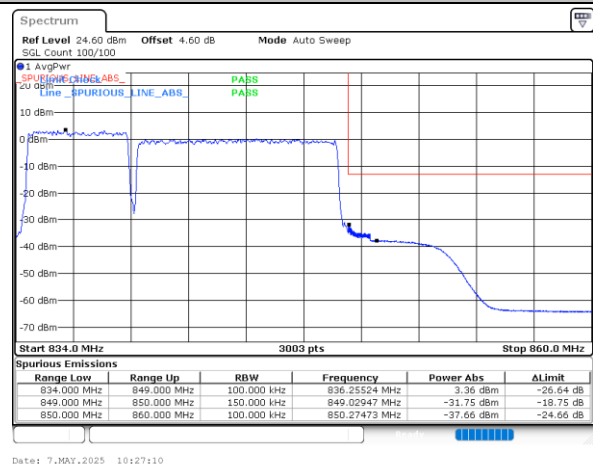
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

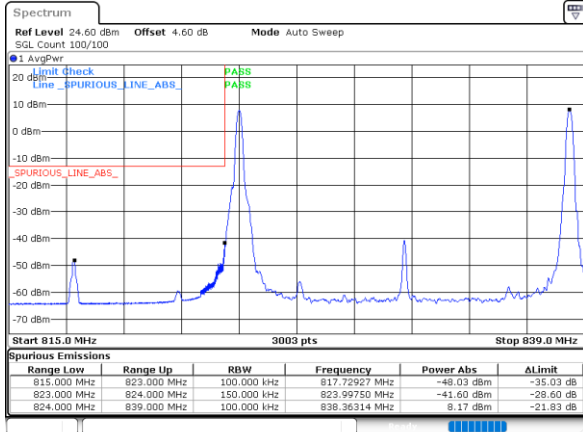




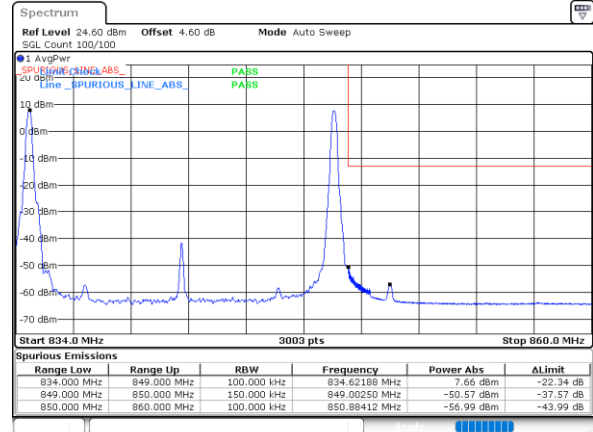
LTE Band 5B / 10MHz+5MHz

QPSK

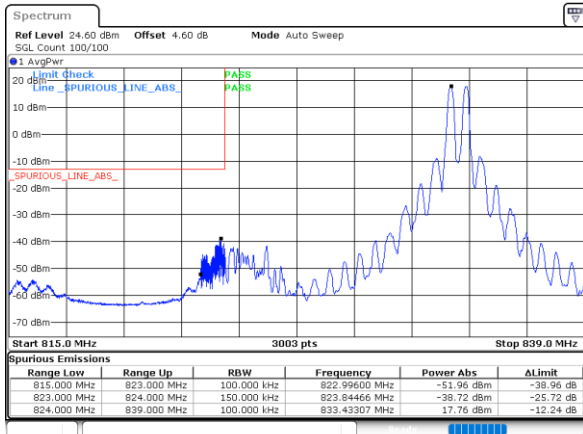
Lowest Band Edge / 1RB0 and 1RB24



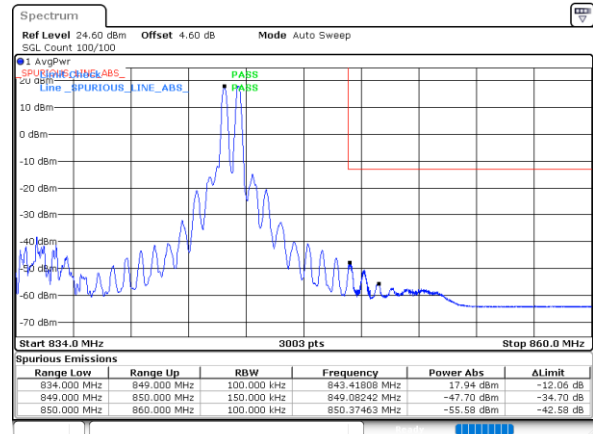
Highest Band Edge / 1RB0 and 1RB24



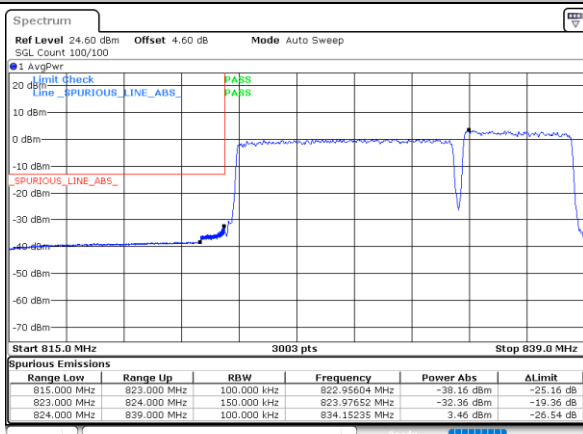
Lowest Band Edge / 1RB49 and 1RB0



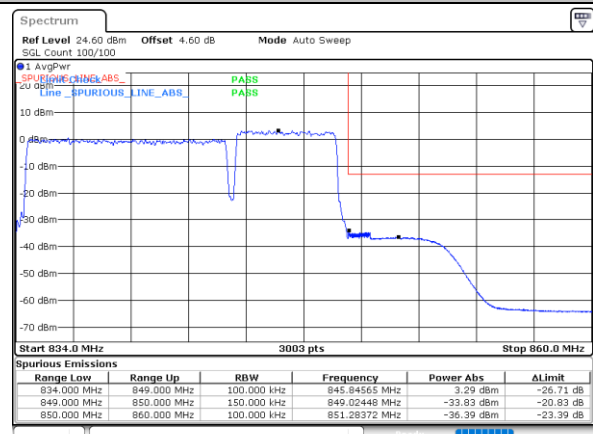
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

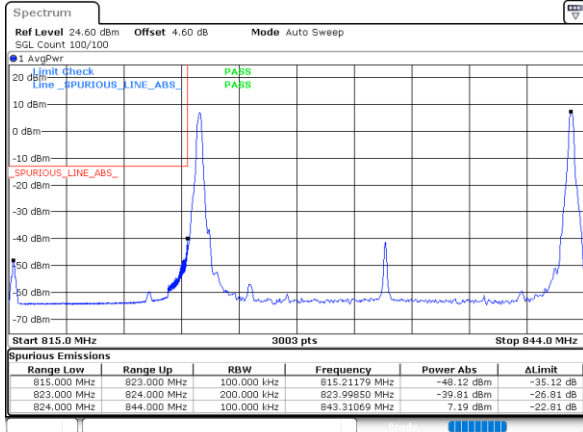




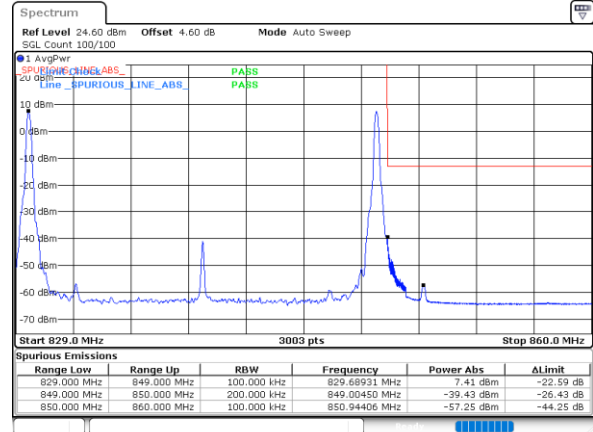
LTE Band 5B / 10MHz+10MHz

QPSK

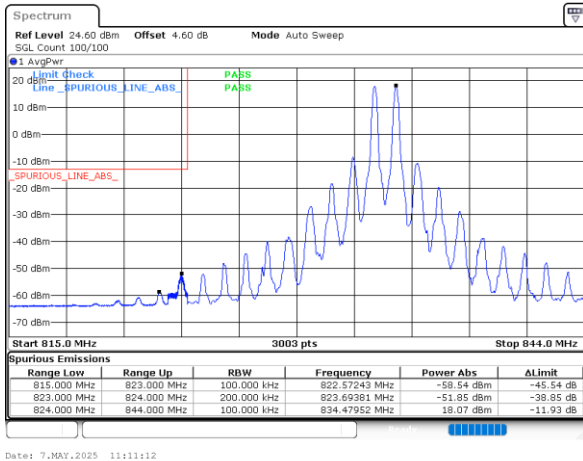
Lowest Band Edge / 1RB0 and 1RB49



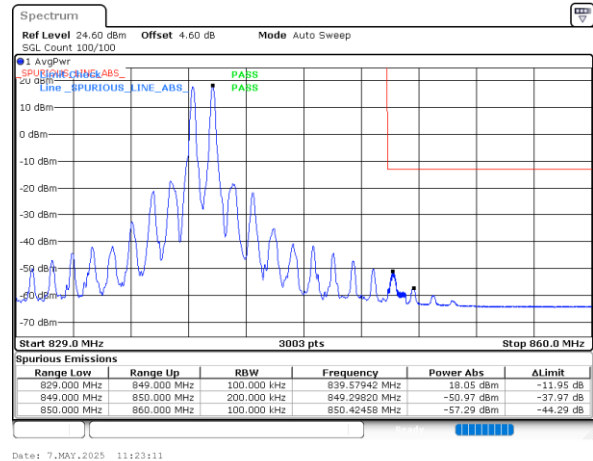
Highest Band Edge / 1RB0 and 1RB49



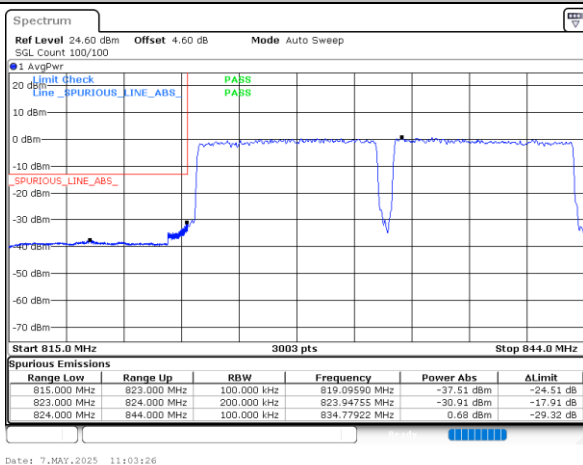
Lowest Band Edge / 1RB49 and 1RB0



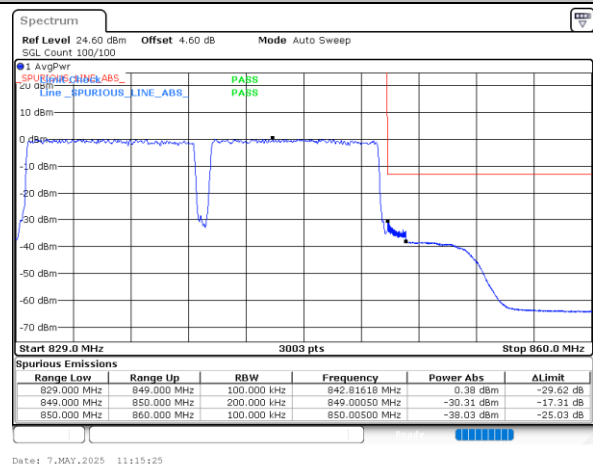
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

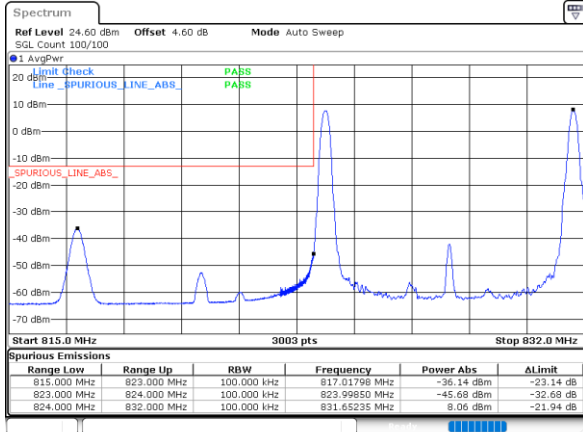




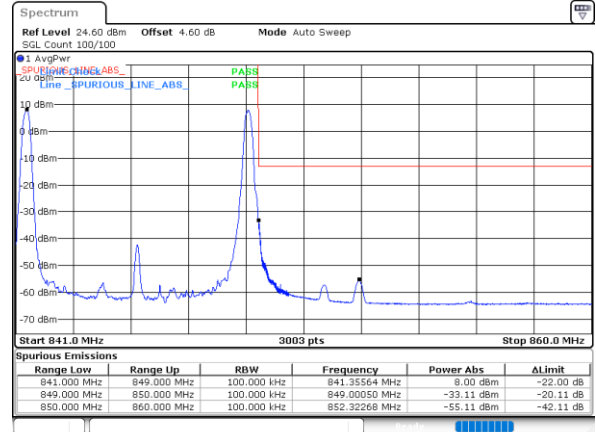
LTE Band 5B / 3MHz+5MHz

16QAM

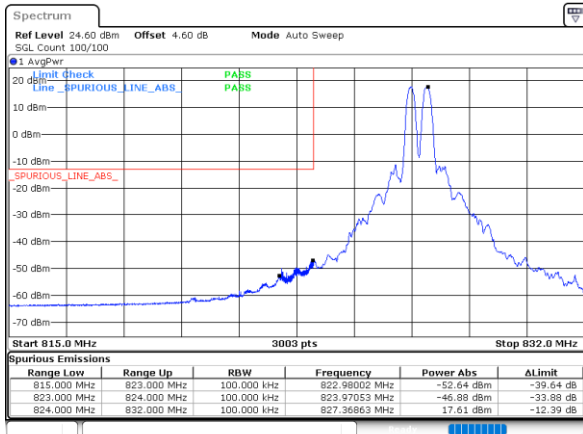
Lowest Band Edge / 1RB0 and 1RB24



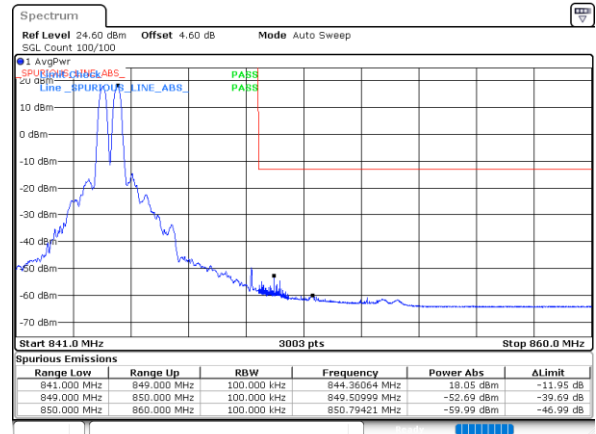
Highest Band Edge / 1RB0 and 1RB24



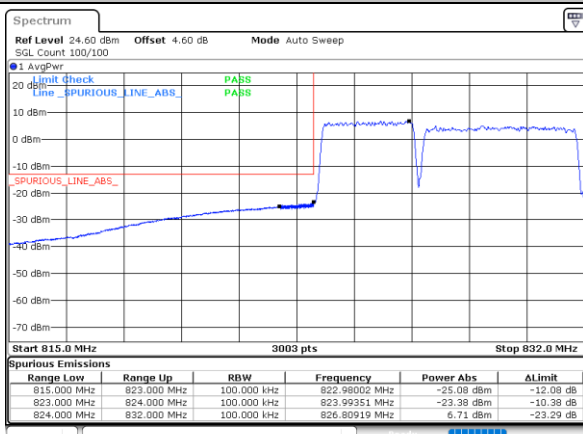
Lowest Band Edge / 1RB14 and 1RB0



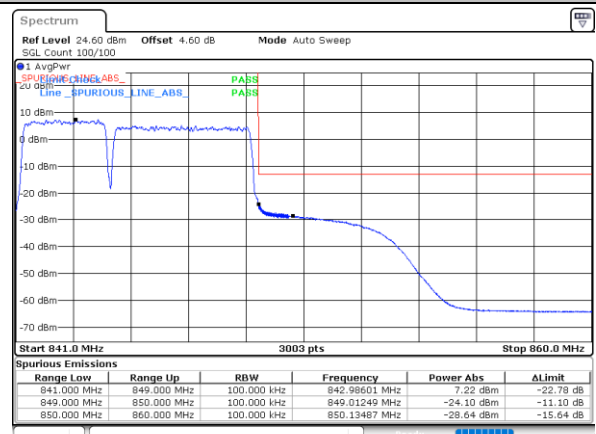
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

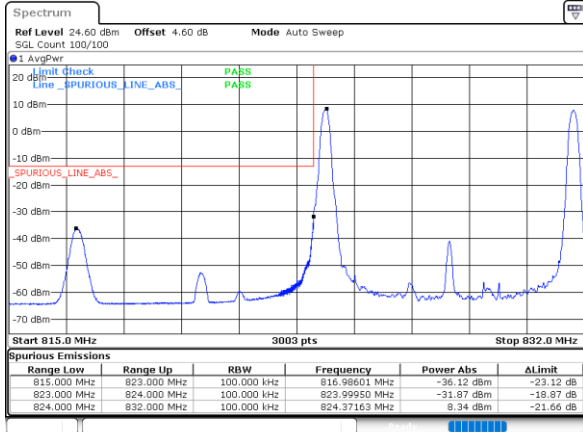




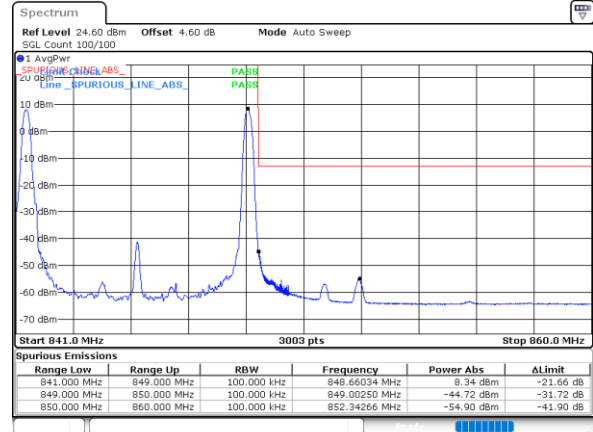
LTE Band 5B / 5MHz+3MHz

16QAM

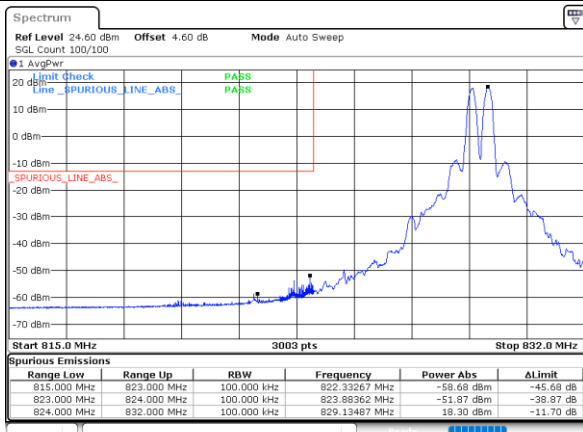
Lowest Band Edge / 1RB0 and 1RB14



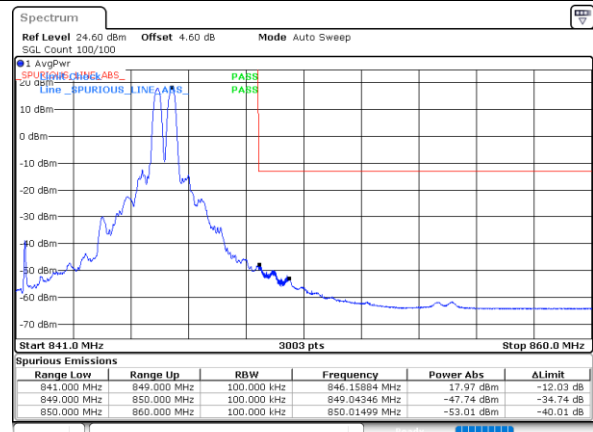
Highest Band Edge / 1RB0 and 1RB14



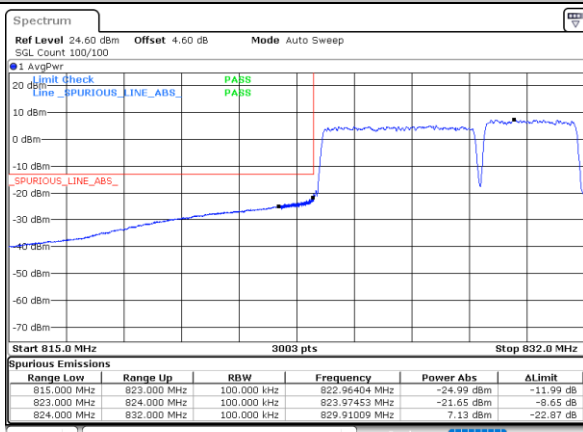
Lowest Band Edge / 1RB24 and 1RB0



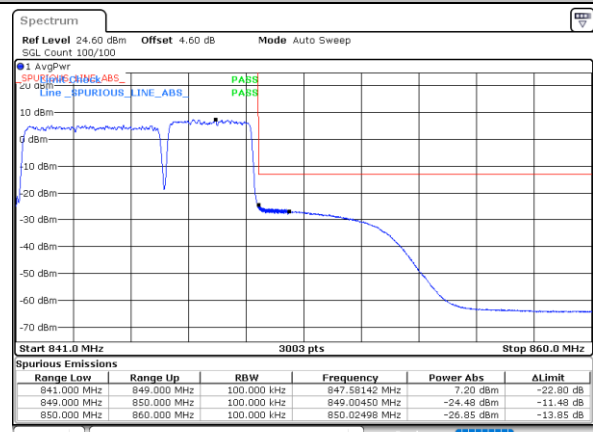
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

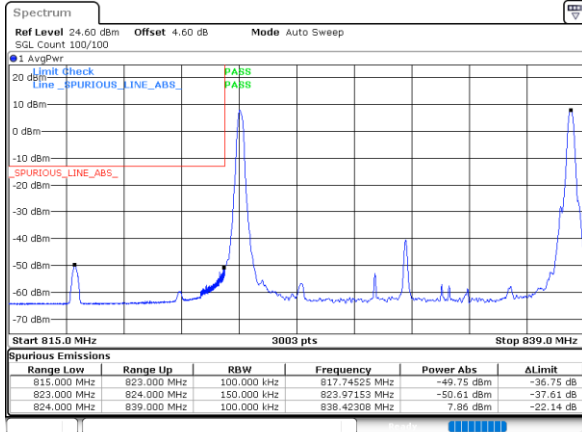




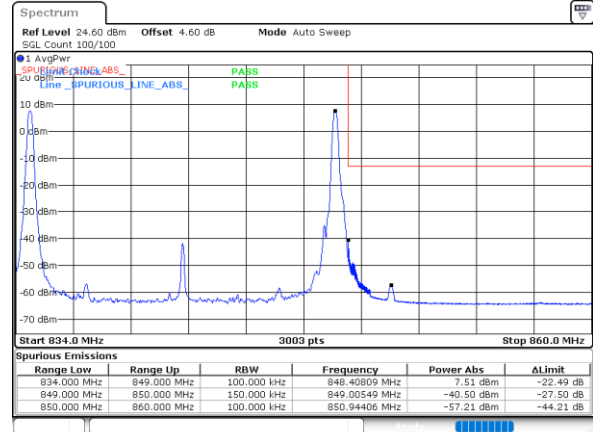
LTE Band 5B / 5MHz+10MHz

16QAM

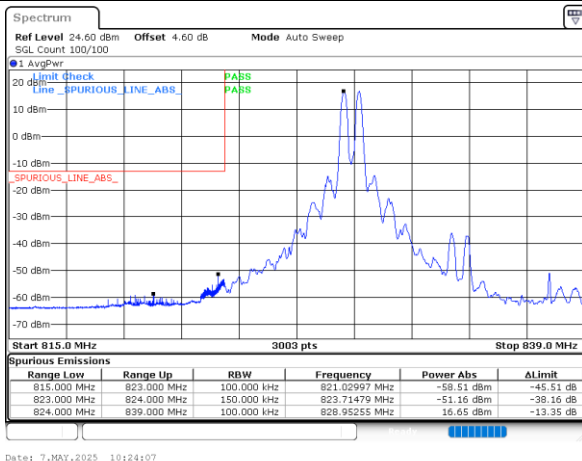
Lowest Band Edge / 1RB0 and 1RB49



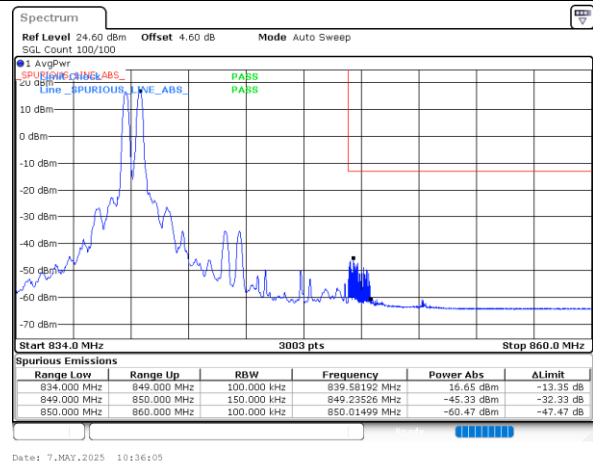
Highest Band Edge / 1RB0 and 1RB49



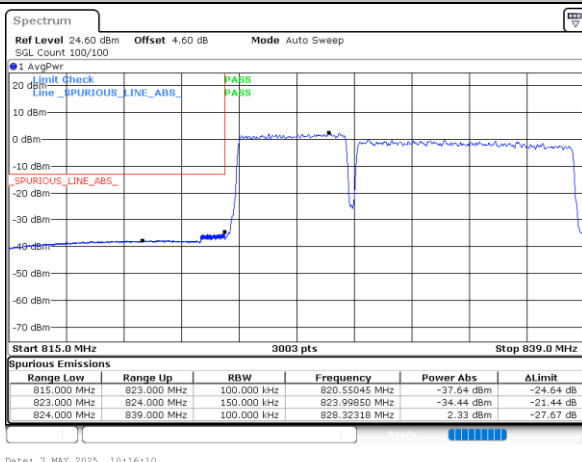
Lowest Band Edge / 1RB24 and 1RB0



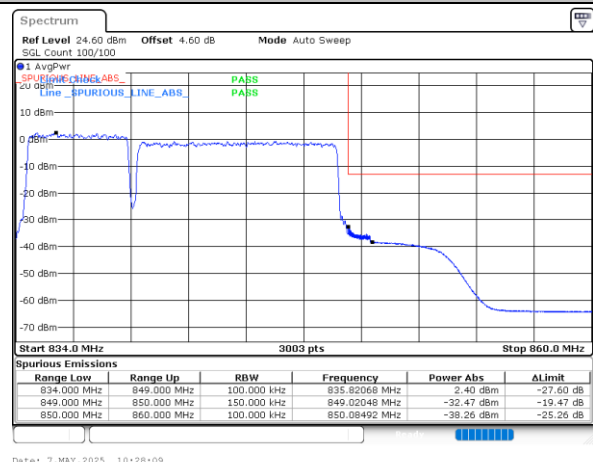
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

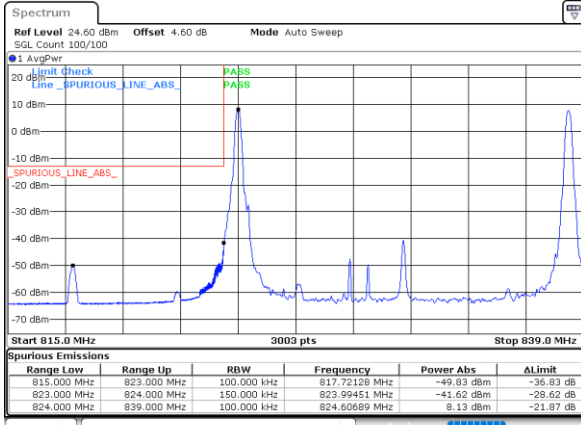




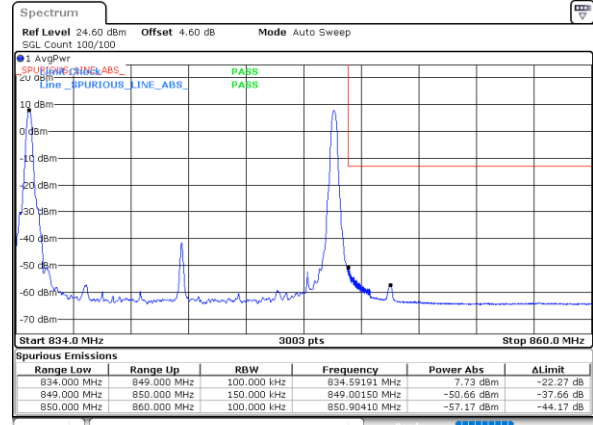
LTE Band 5B / 10MHz+5MHz

16QAM

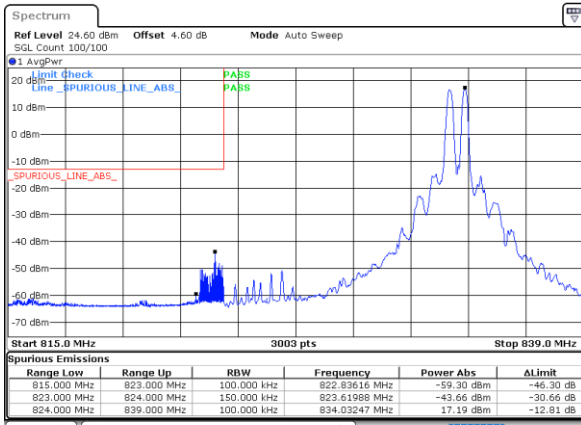
Lowest Band Edge / 1RB0 and 1RB24



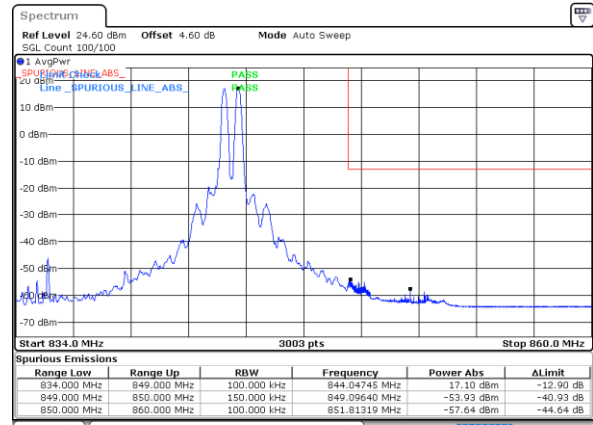
Highest Band Edge / 1RB0 and 1RB24



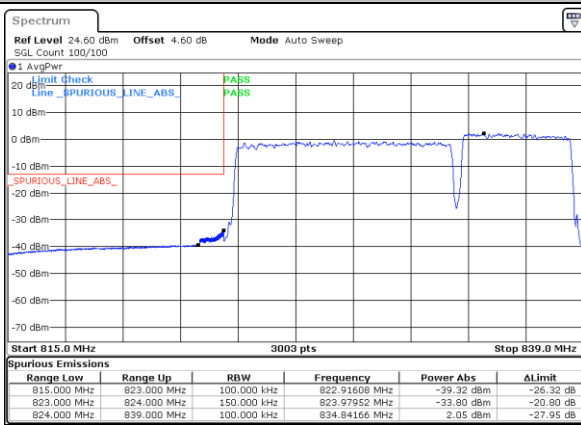
Lowest Band Edge / 1RB49 and 1RB0



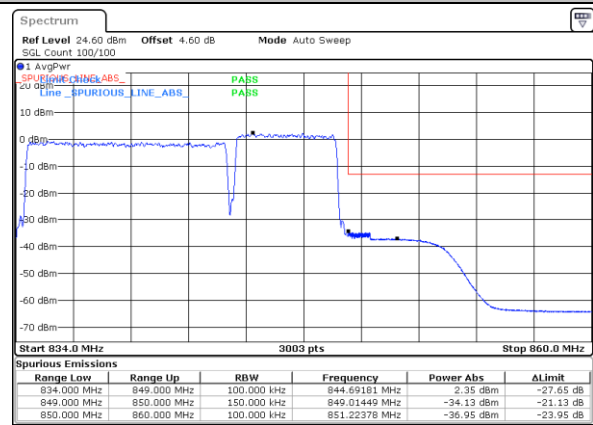
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

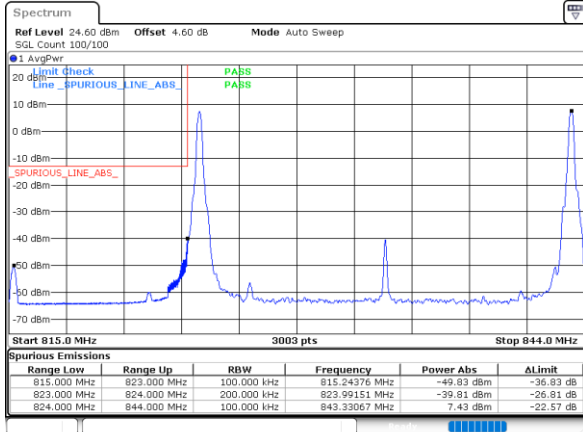




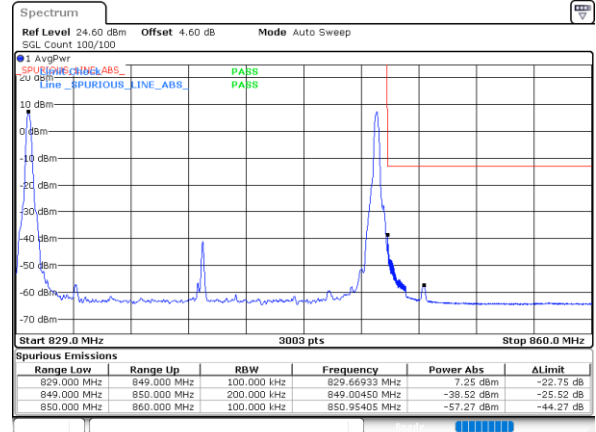
LTE Band 5B / 10MHz+10MHz

16QAM

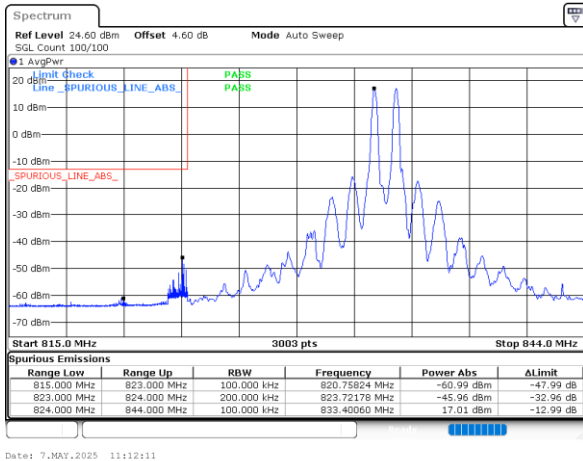
Lowest Band Edge / 1RB0 and 1RB49



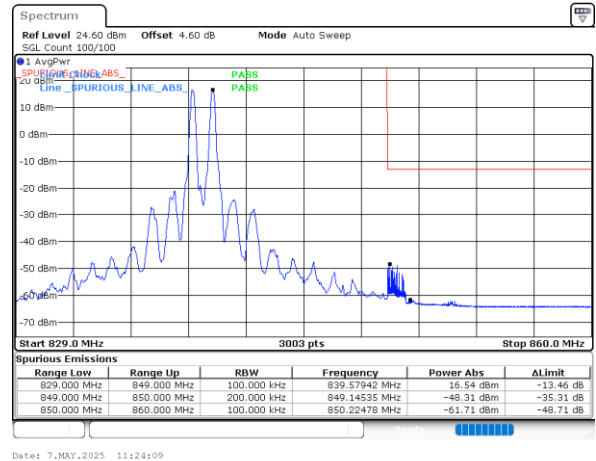
Highest Band Edge / 1RB0 and 1RB49



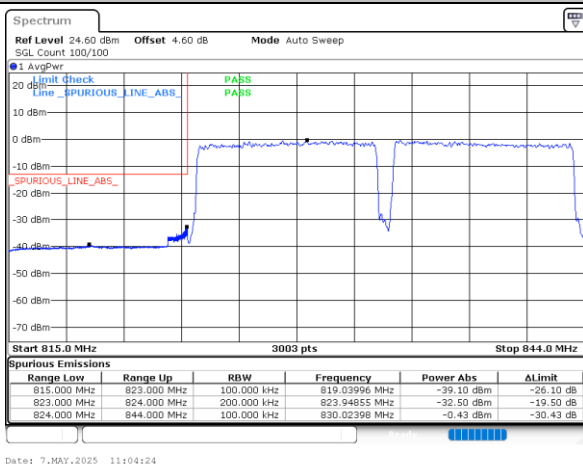
Lowest Band Edge / 1RB49 and 1RB0



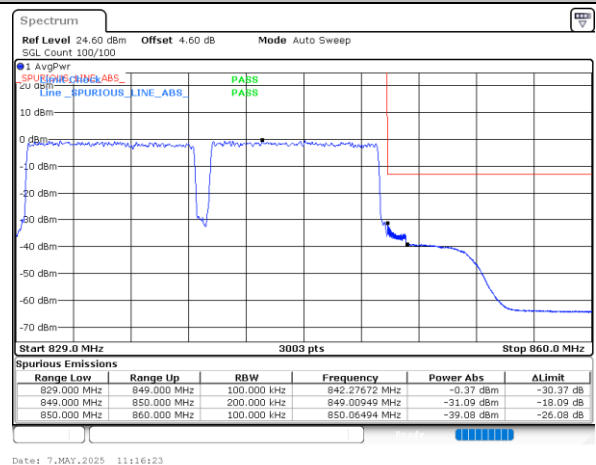
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

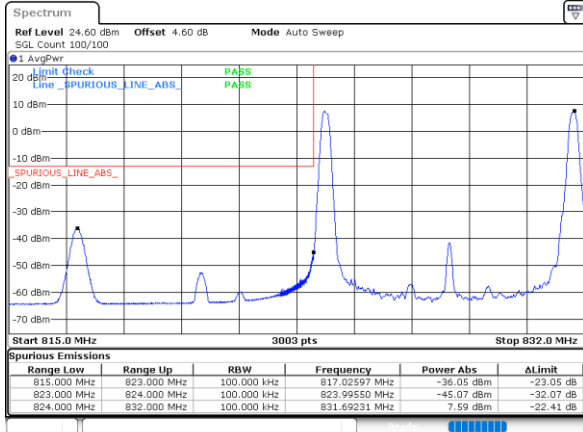




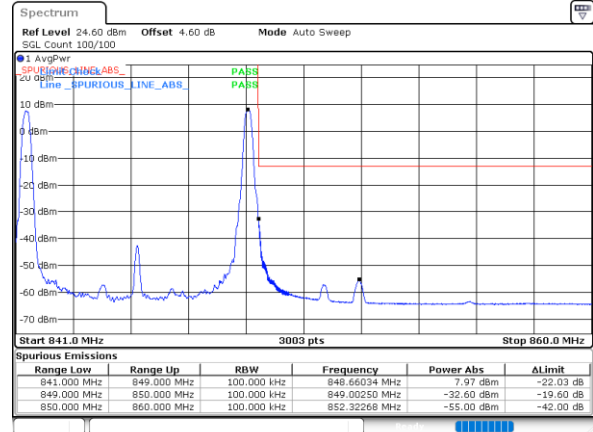
LTE Band 5B / 3MHz+5MHz

64QAM

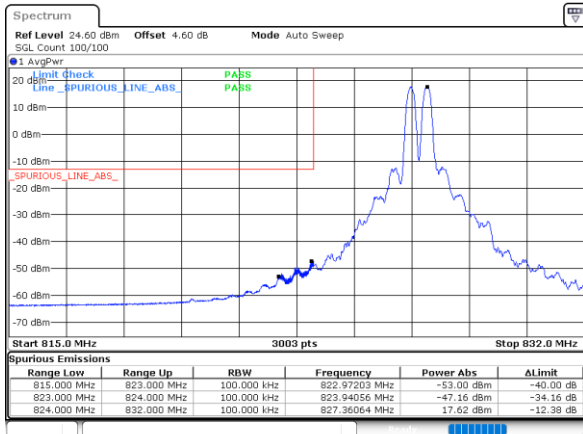
Lowest Band Edge / 1RB0 and 1RB24



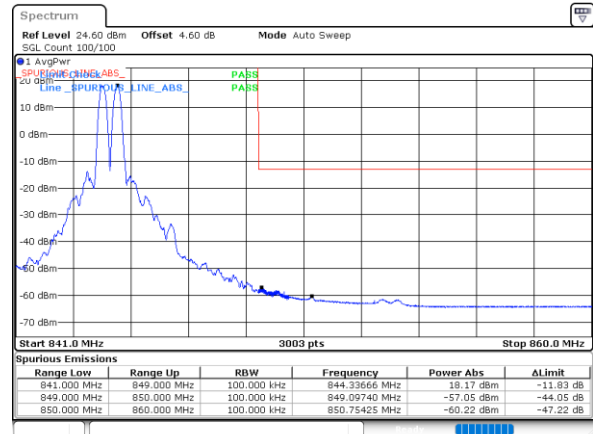
Highest Band Edge / 1RB0 and 1RB24



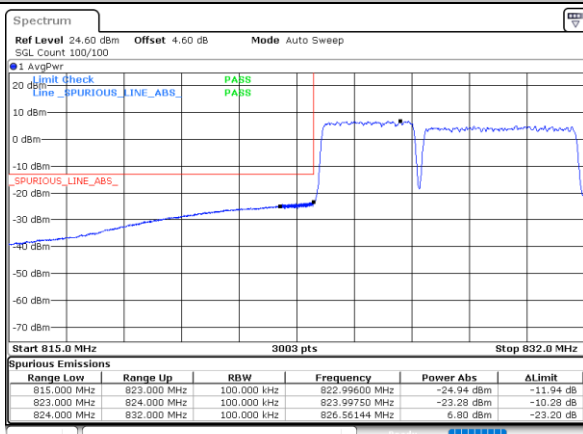
Lowest Band Edge / 1RB14 and 1RB0



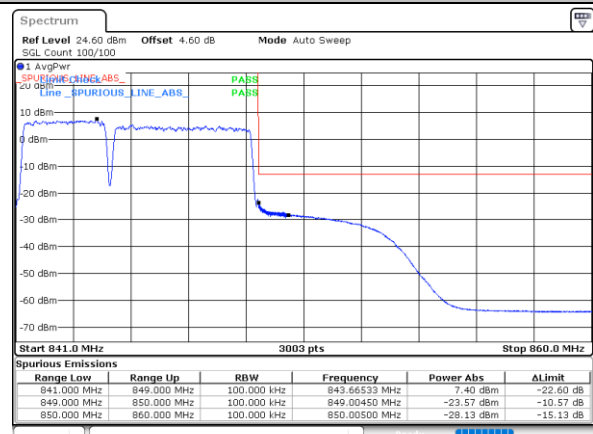
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

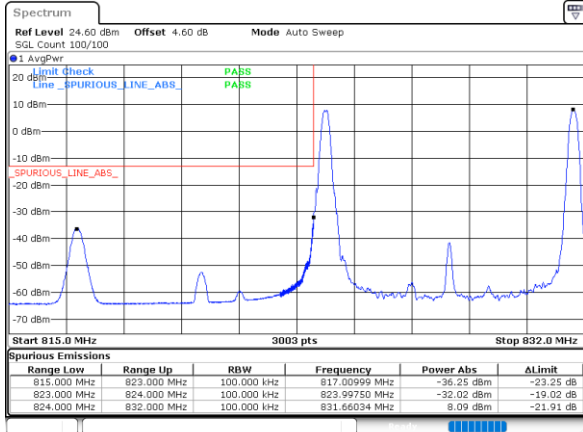




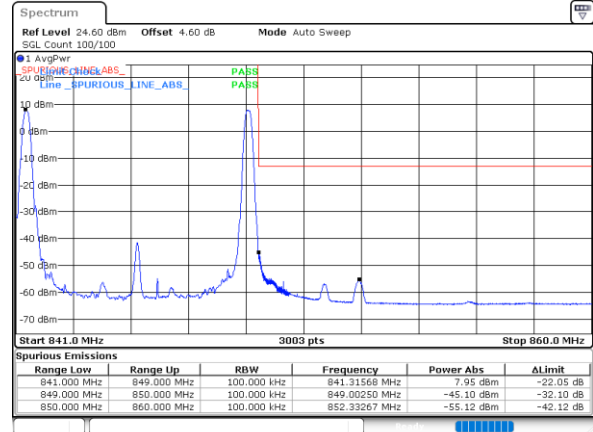
LTE Band 5B / 5MHz+3MHz

64QAM

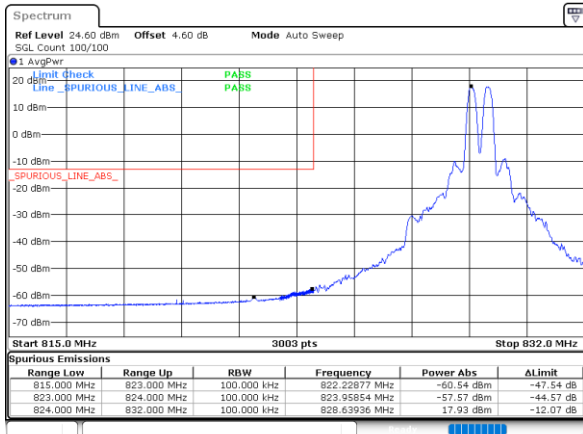
Lowest Band Edge / 1RB0 and 1RB14



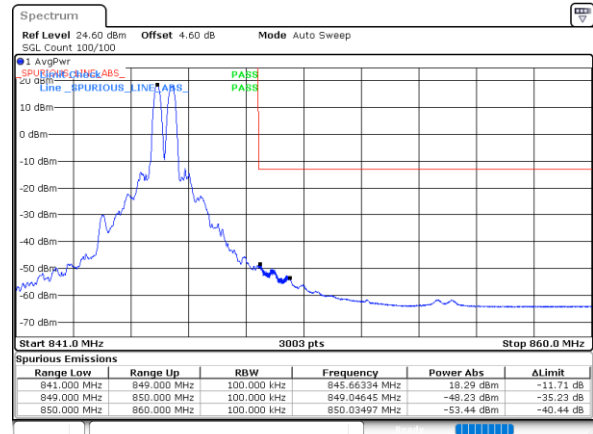
Highest Band Edge / 1RB0 and 1RB14



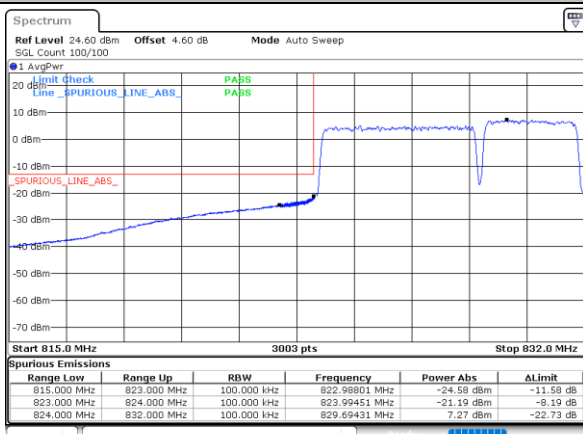
Lowest Band Edge / 1RB24 and 1RB0



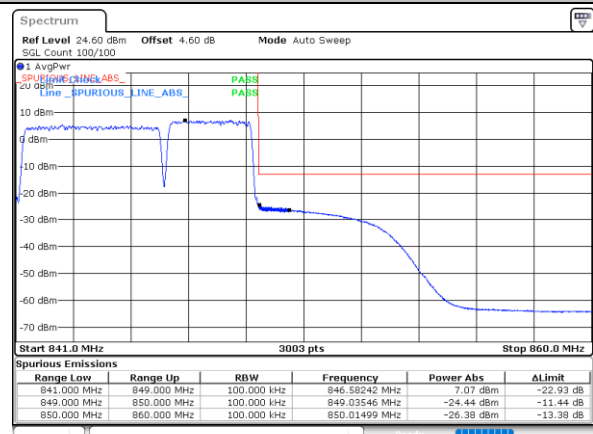
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

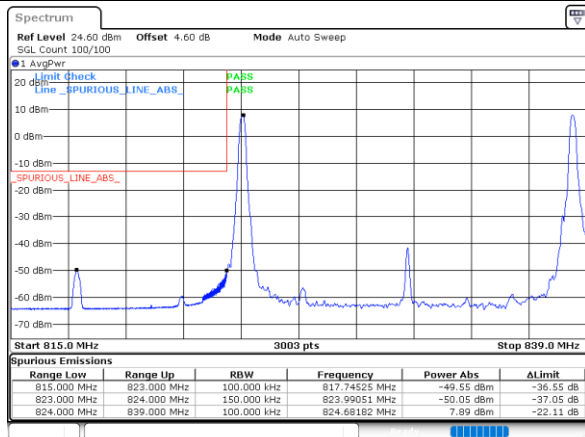




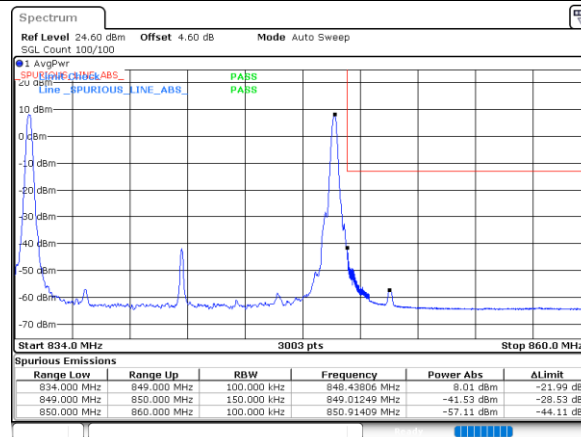
LTE Band 5B / 5MHz+10MHz

64QAM

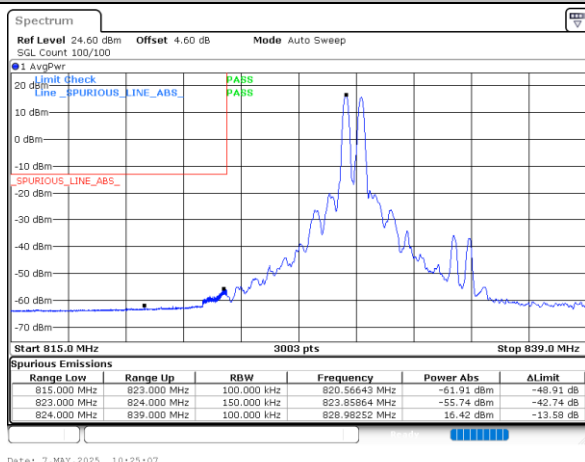
Lowest Band Edge / 1RB0 and 1RB49



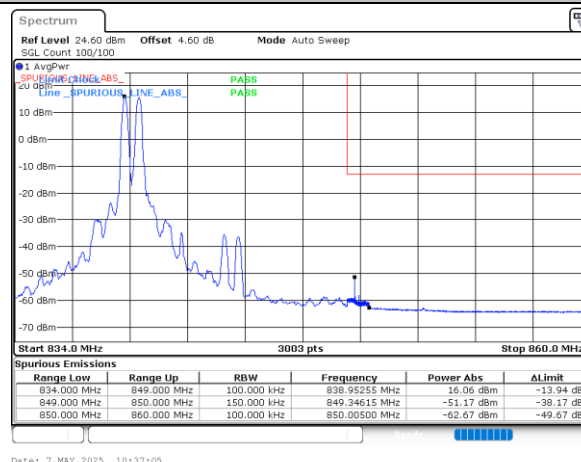
Highest Band Edge / 1RB0 and 1RB49



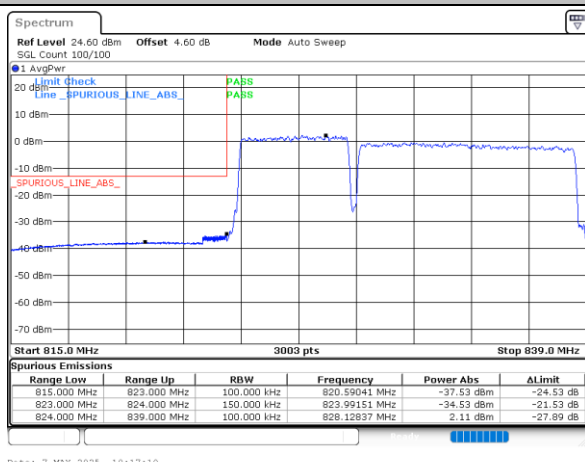
Lowest Band Edge / 1RB24 and 1RB0



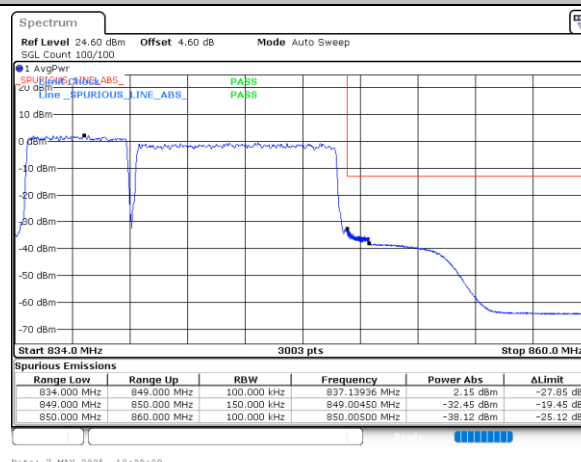
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

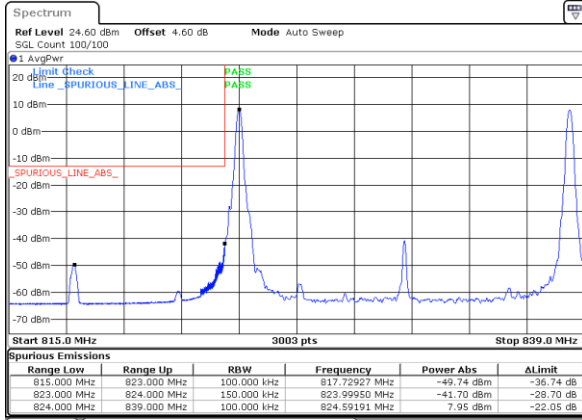




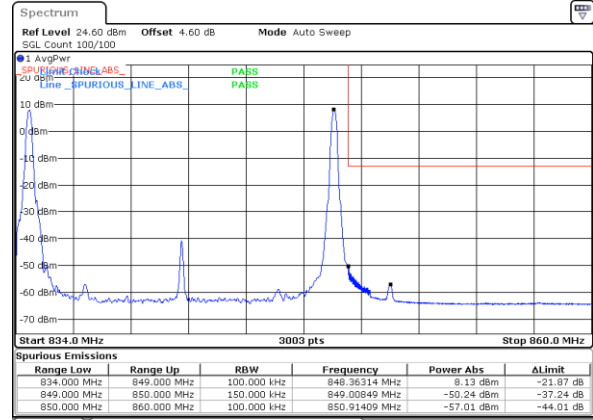
LTE Band 5B / 10MHz+5MHz

64QAM

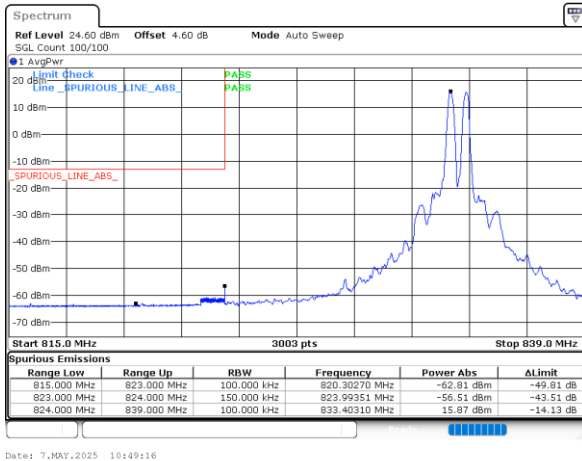
Lowest Band Edge / 1RB0 and 1RB24



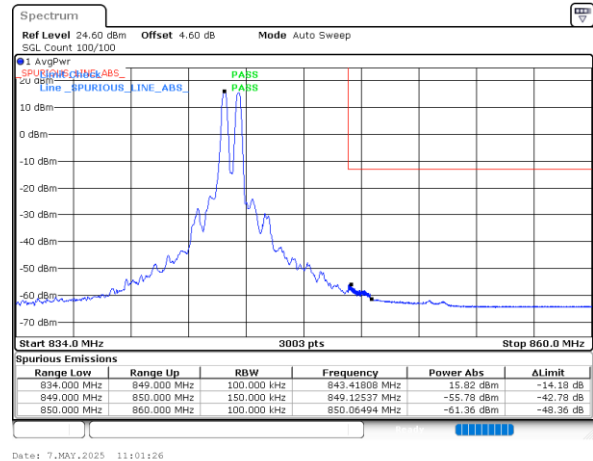
Highest Band Edge / 1RB0 and 1RB24



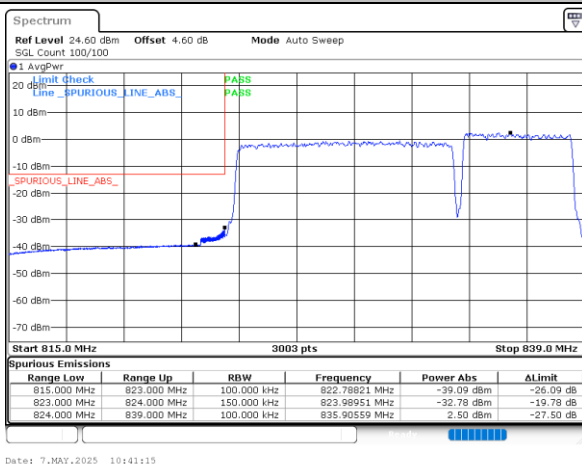
Lowest Band Edge / 1RB49 and 1RB0



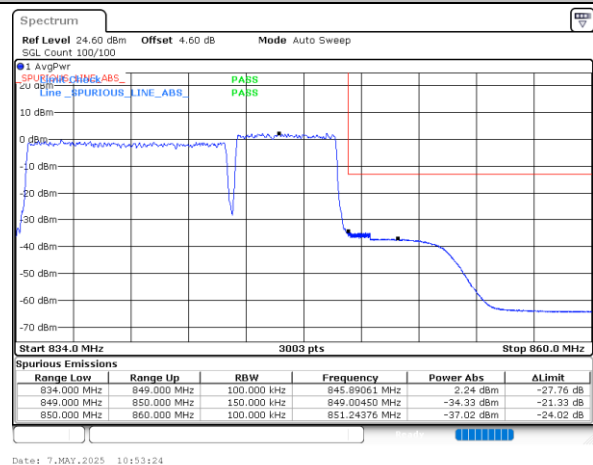
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

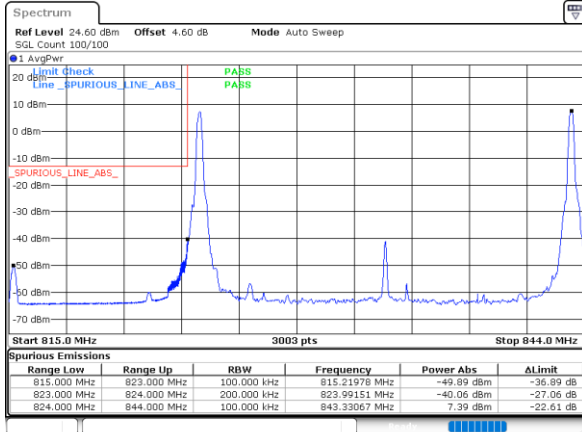




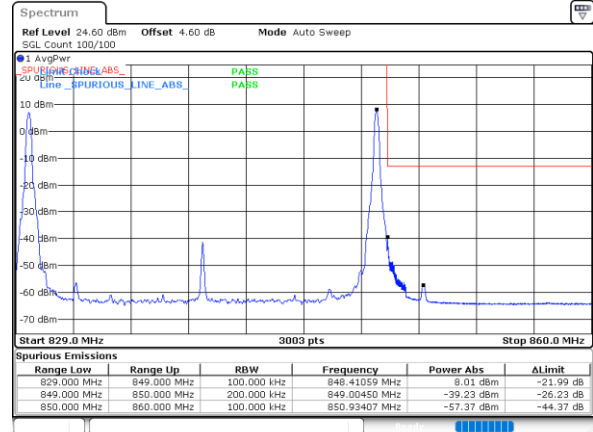
LTE Band 5B / 10MHz+10MHz

64QAM

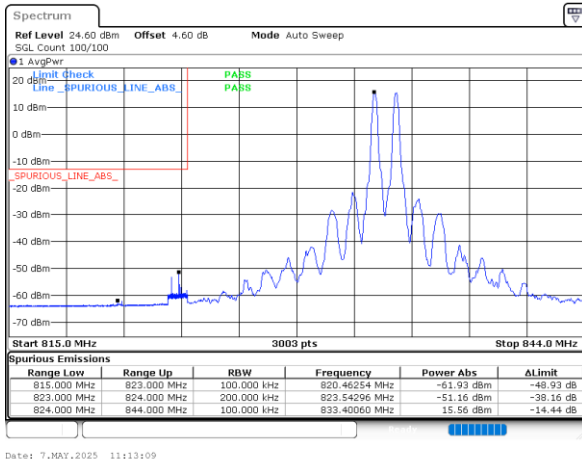
Lowest Band Edge / 1RB0 and 1RB49



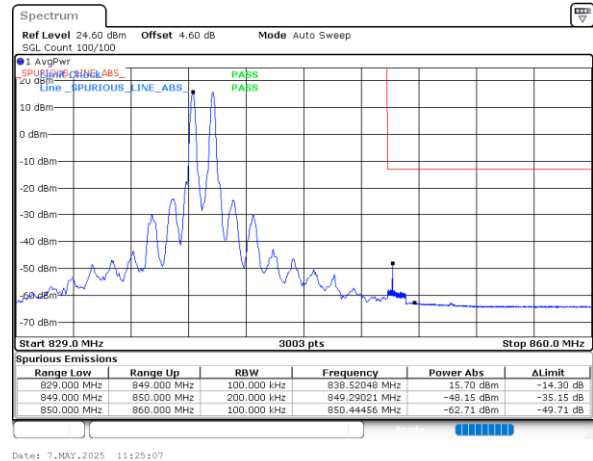
Highest Band Edge / 1RB0 and 1RB49



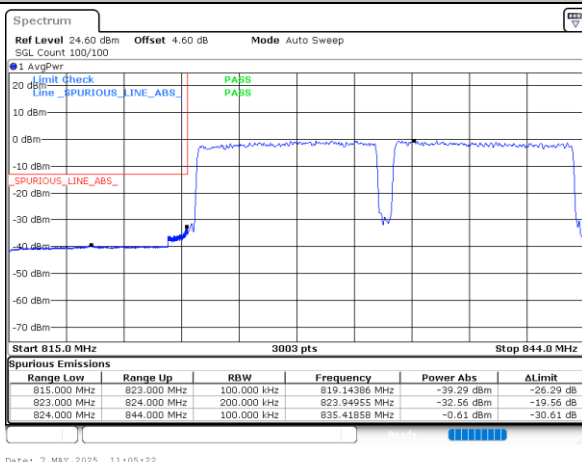
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

