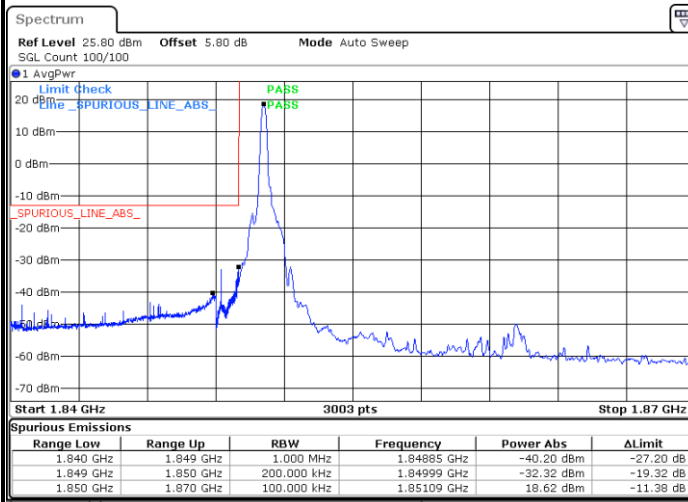


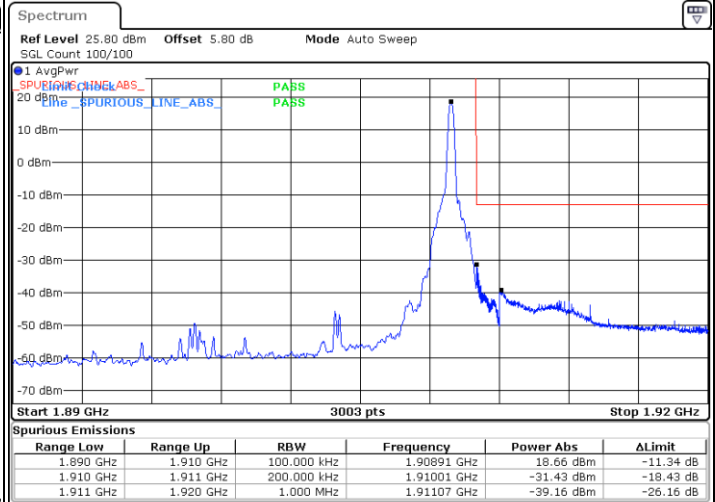


LTE Band 2 / 20MHz / 16QAM

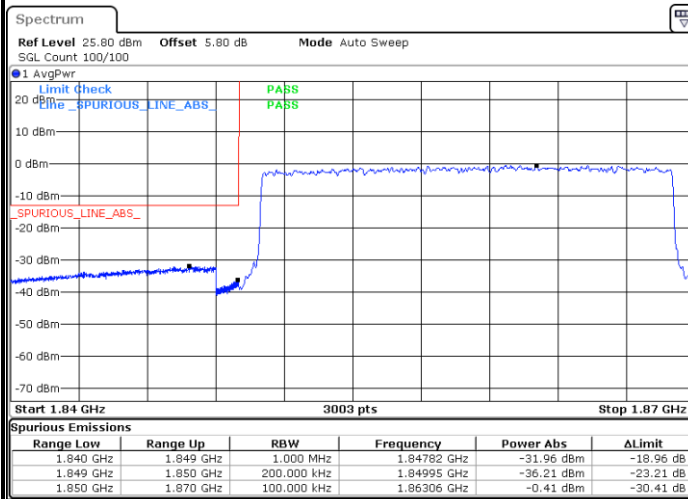
Lowest Band Edge / 1 RB



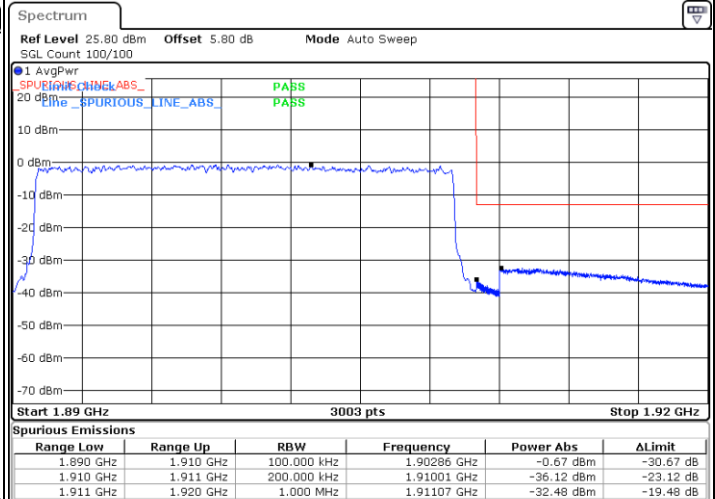
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



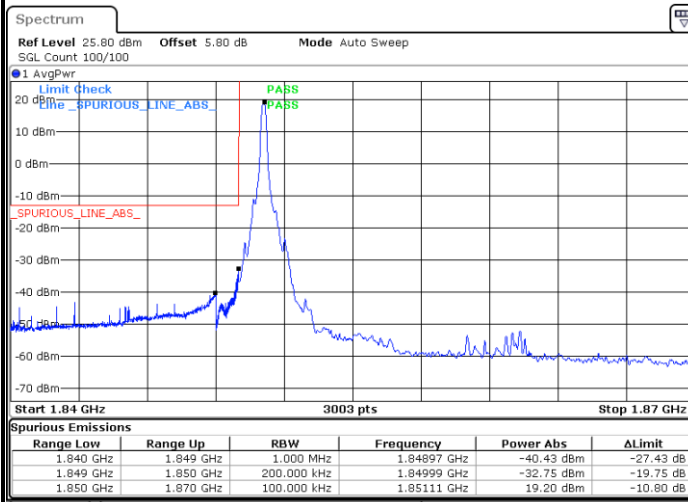
Highest Band Edge / Full RB



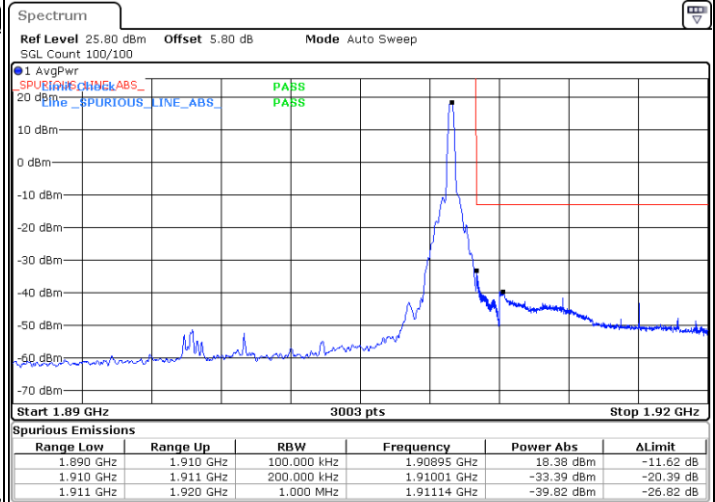


LTE Band 2 / 20MHz / 64QAM

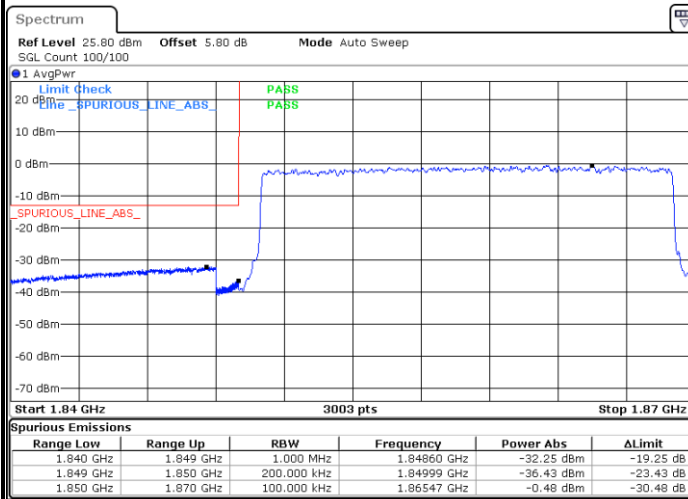
Lowest Band Edge / 1 RB



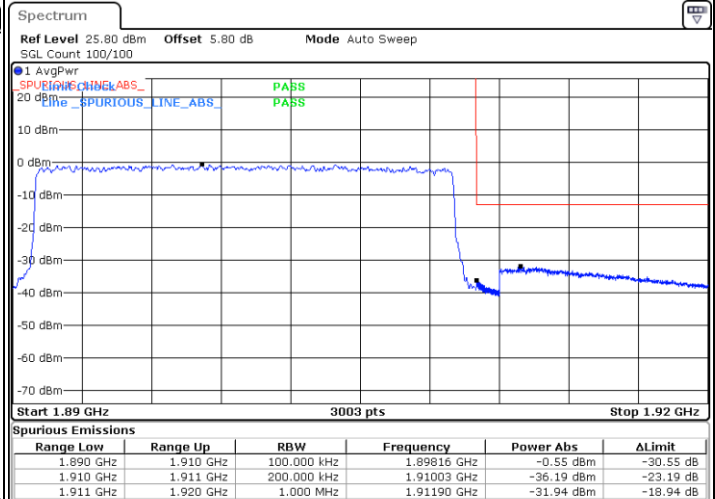
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



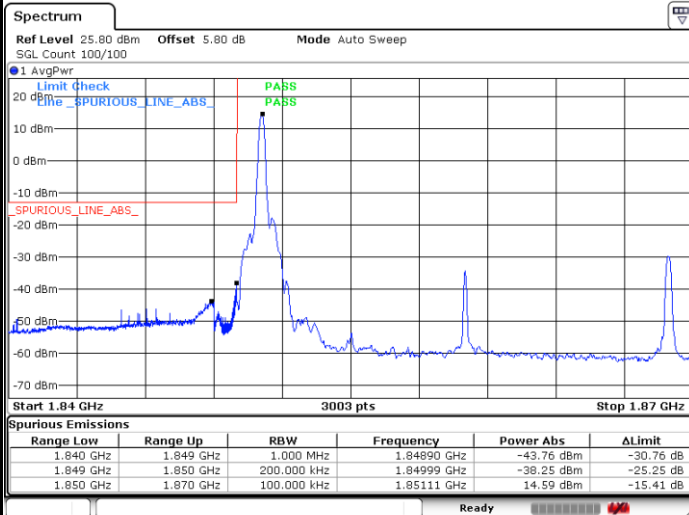
Highest Band Edge / Full RB





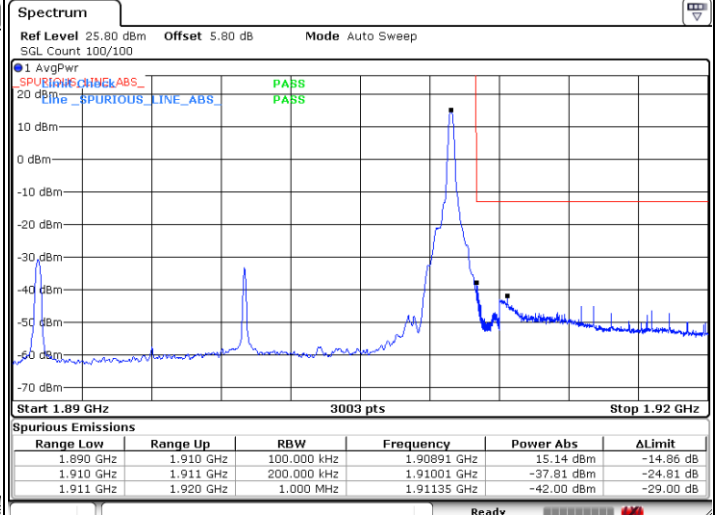
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



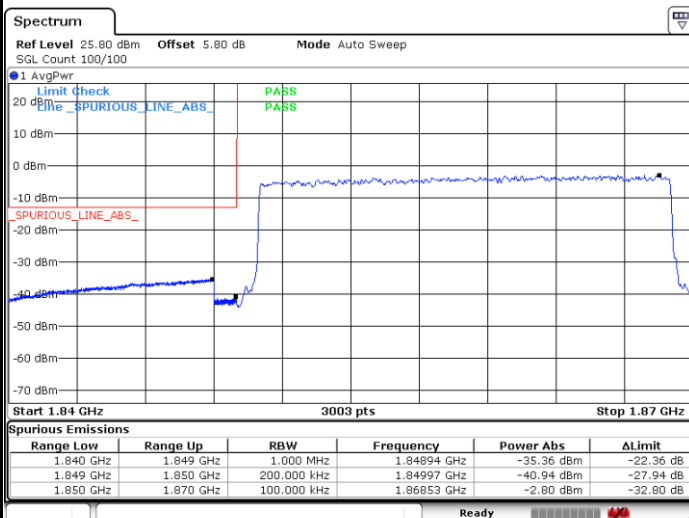
Date: 8.JUL.2021 07:14:45

Highest Band Edge / 1 RB



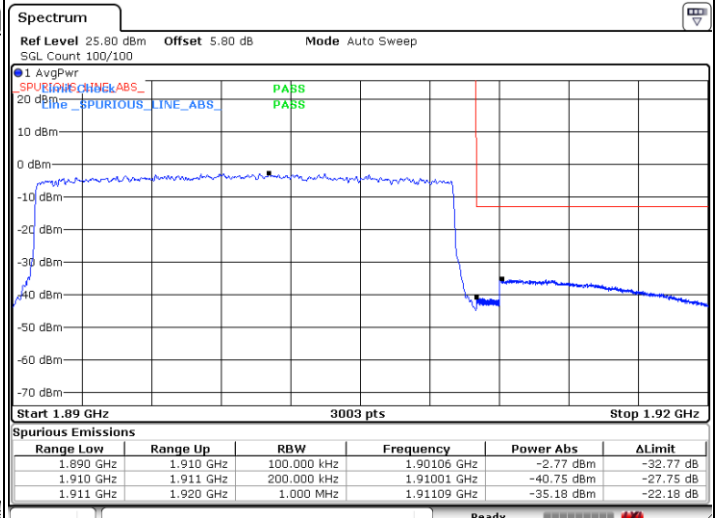
Date: 8.JUL.2021 07:13:02

Lowest Band Edge / Full RB



Date: 8.JUL.2021 07:15:36

Highest Band Edge / Full RB



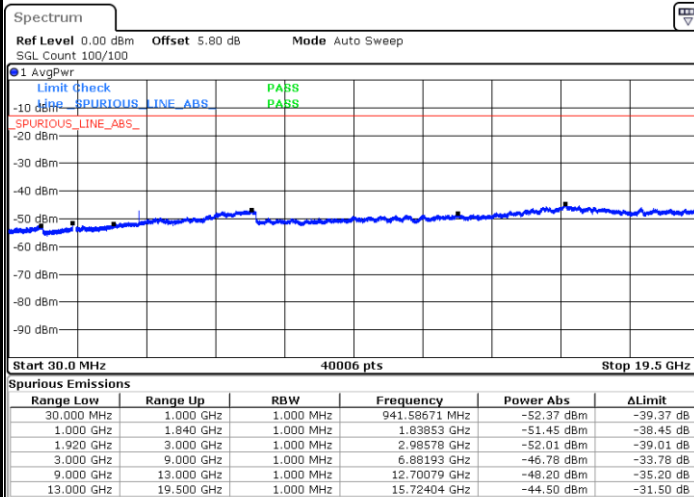
Date: 8.JUL.2021 07:11:07



Conducted Spurious Emission

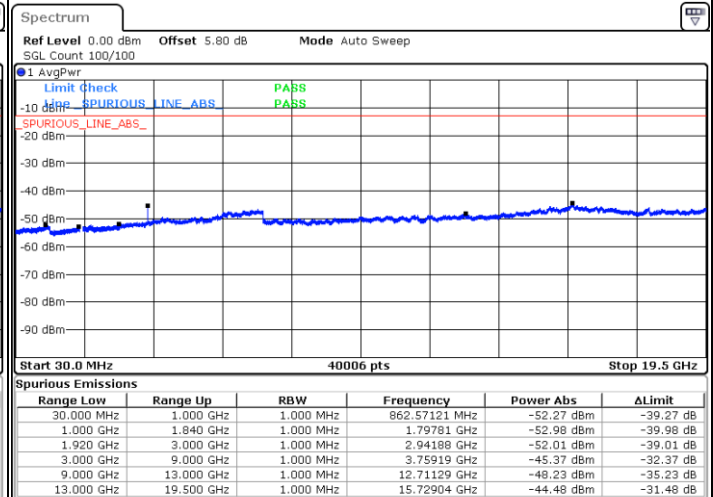
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



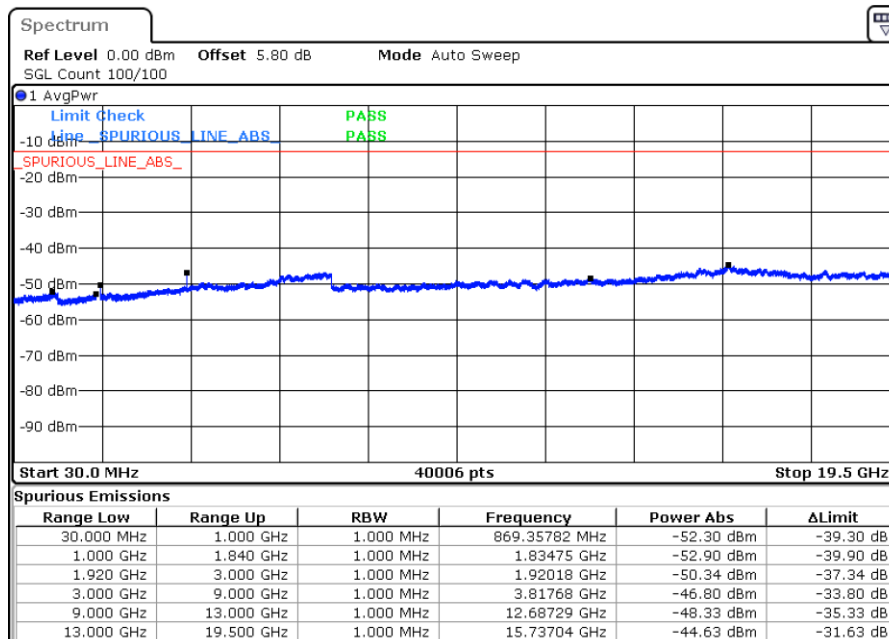
Date: 23.JUN.2021 18:50:44

Middle Channel / QPSK



Date: 23.JUN.2021 18:48:07

Highest Channel / QPSK

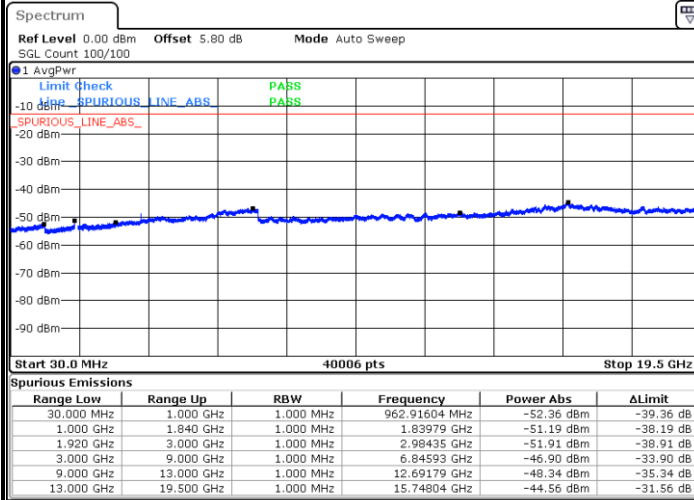


Date: 23.JUN.2021 19:10:20



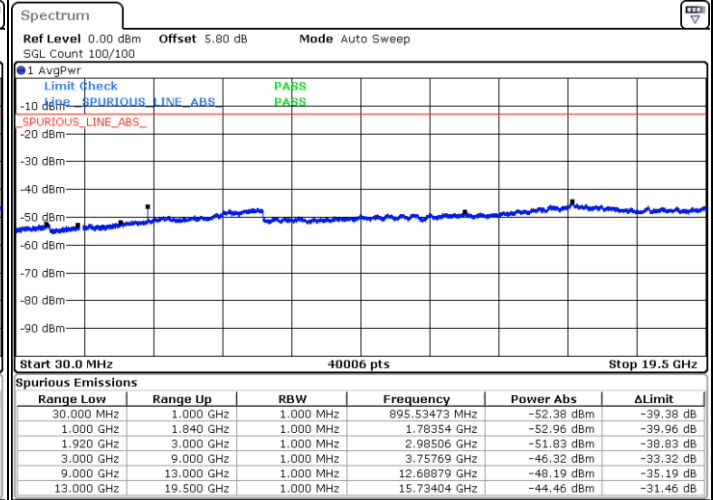
LTE Band 2 / 3MHz

Lowest Channel / QPSK



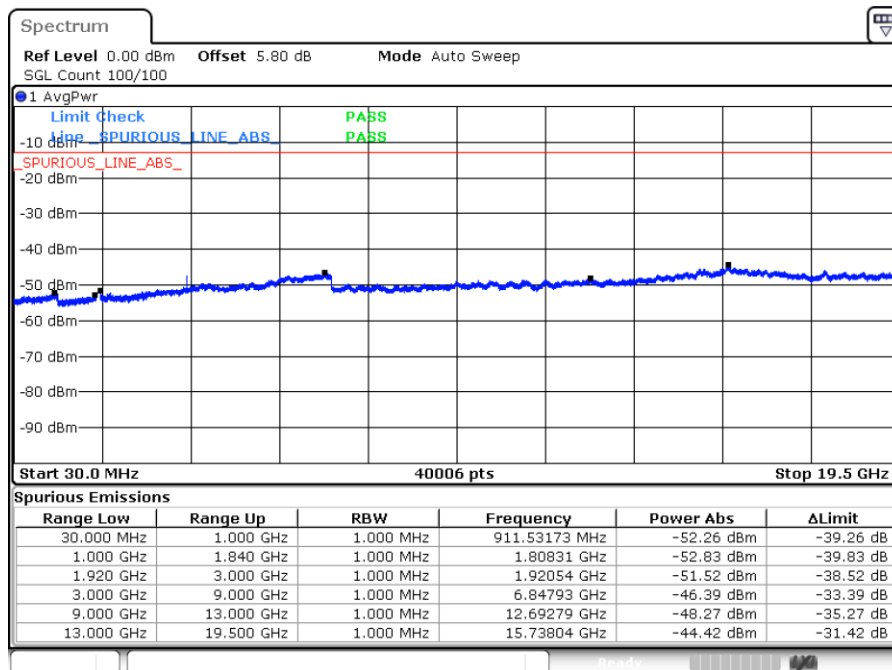
Date: 23.JUN.2021 15:18:09

Middle Channel / QPSK



Date: 23.JUN.2021 15:16:12

Highest Channel / QPSK

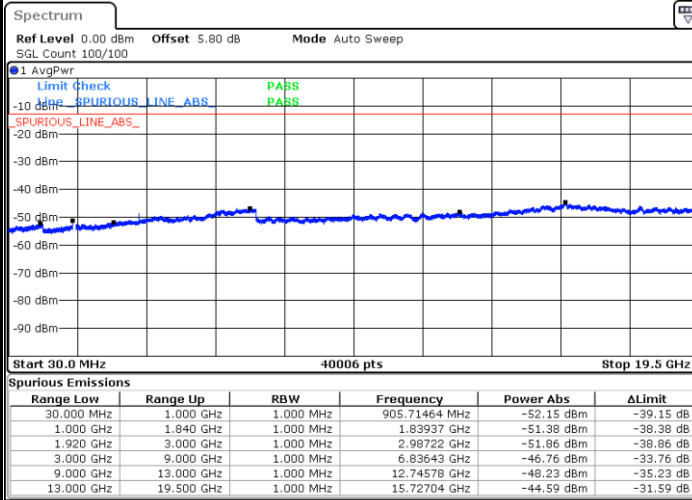


Date: 23.JUN.2021 15:34:10



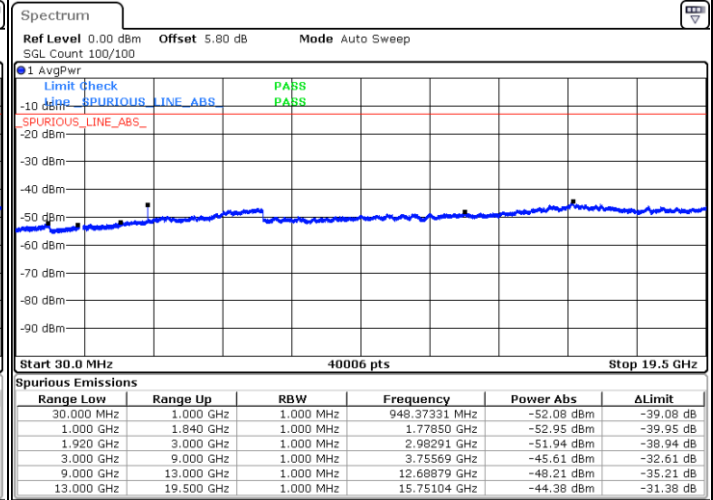
LTE Band 2 / 5MHz

Lowest Channel / QPSK



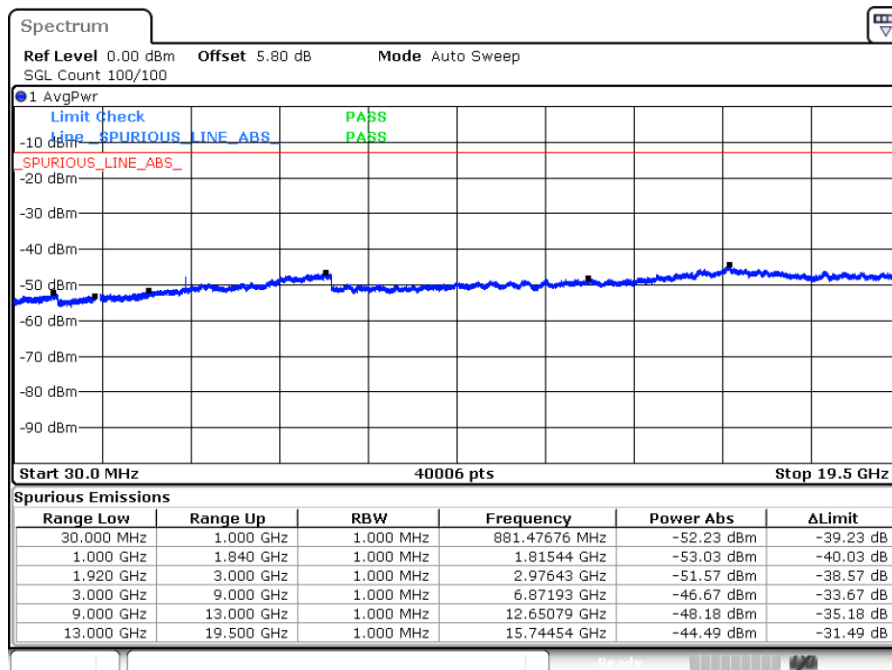
Date: 23.JUN.2021 14:58:24

Middle Channel / QPSK



Date: 23.JUN.2021 14:50:54

Highest Channel / QPSK

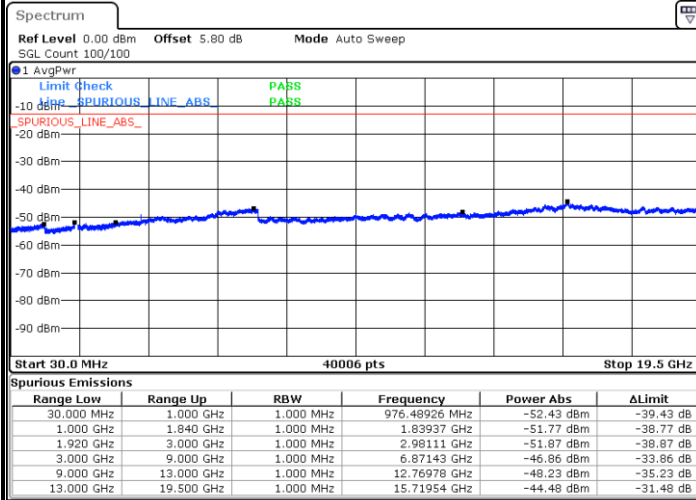


Date: 23.JUN.2021 15:11:38



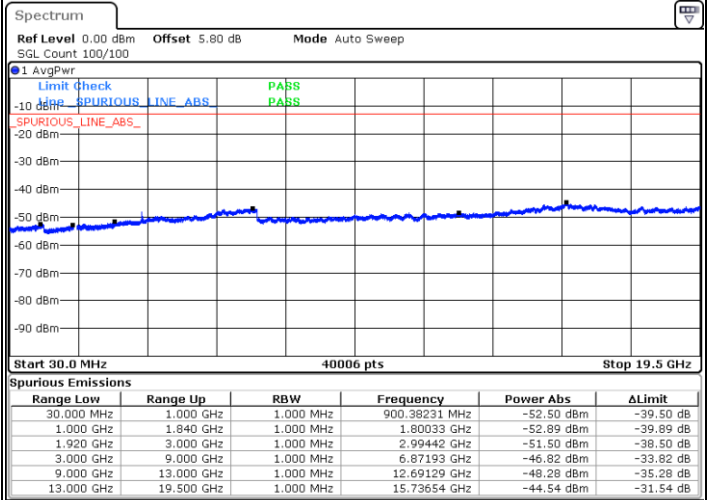
LTE Band 2 / 10MHz

Lowest Channel / QPSK



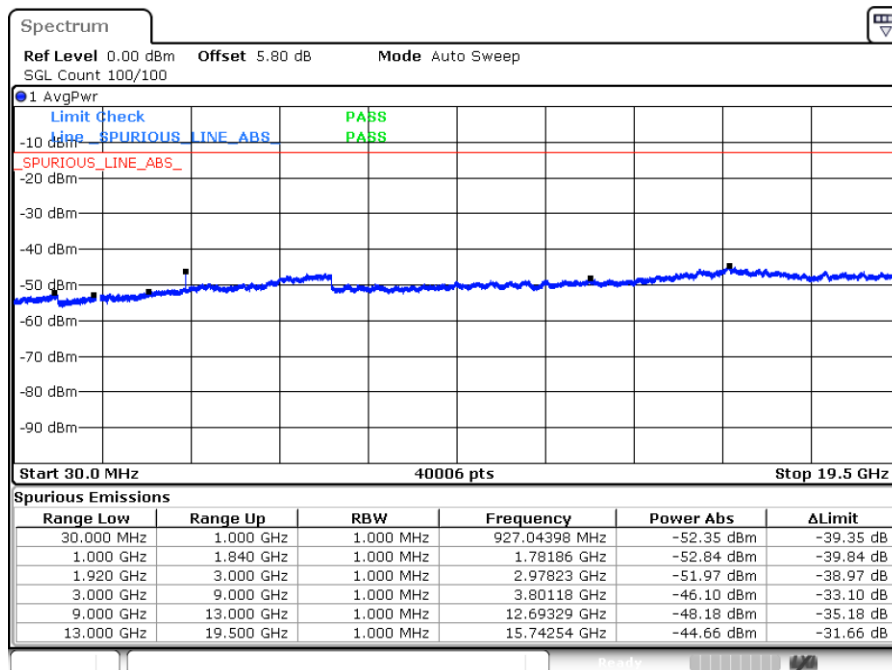
Date: 23.JUN.2021 14:37:57

Middle Channel / QPSK



Date: 23.JUN.2021 14:36:28

Highest Channel / QPSK

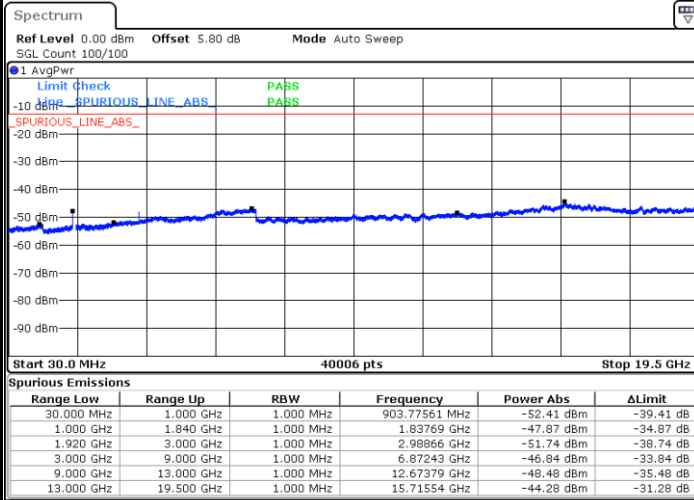


Date: 23.JUN.2021 14:48:25



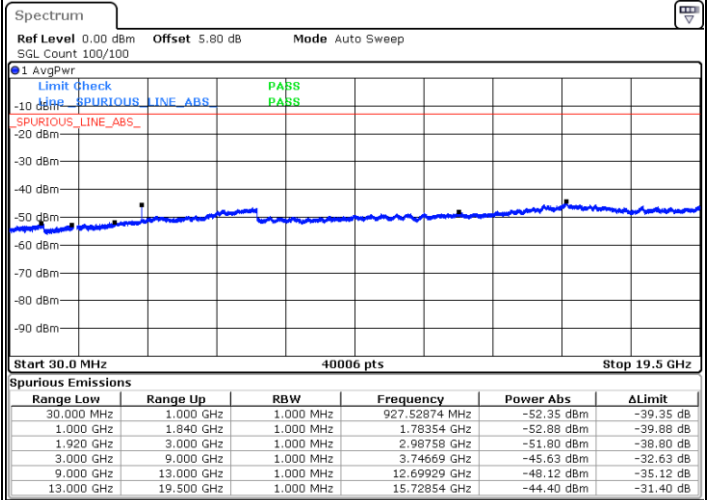
LTE Band 2 / 15MHz

Lowest Channel / QPSK



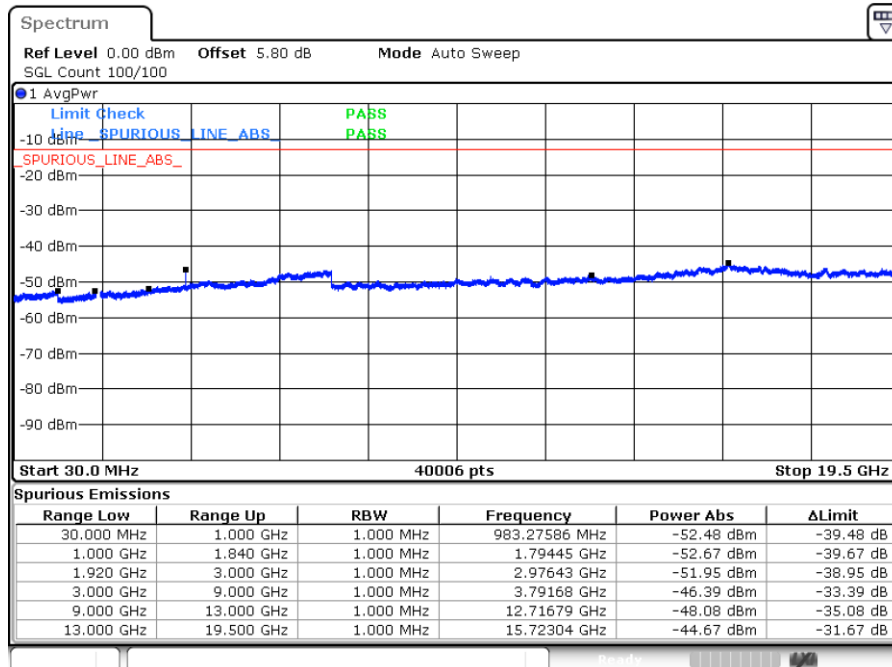
Date: 23.JUN.2021 14:26:02

Middle Channel / QPSK



Date: 23.JUN.2021 14:24:33

Highest Channel / QPSK

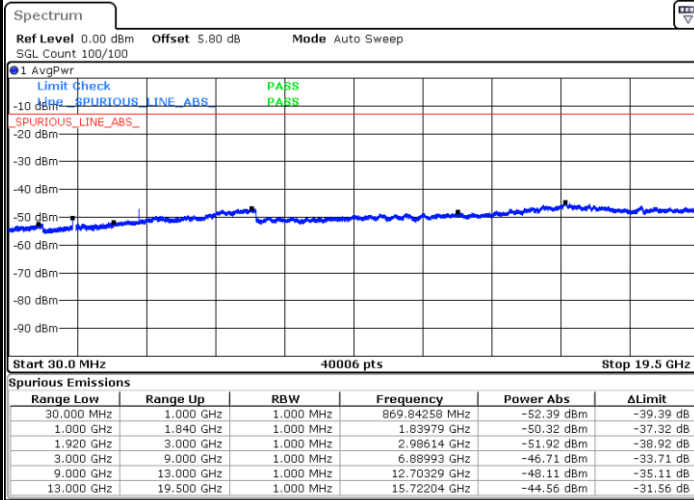


Date: 23.JUN.2021 14:34:52



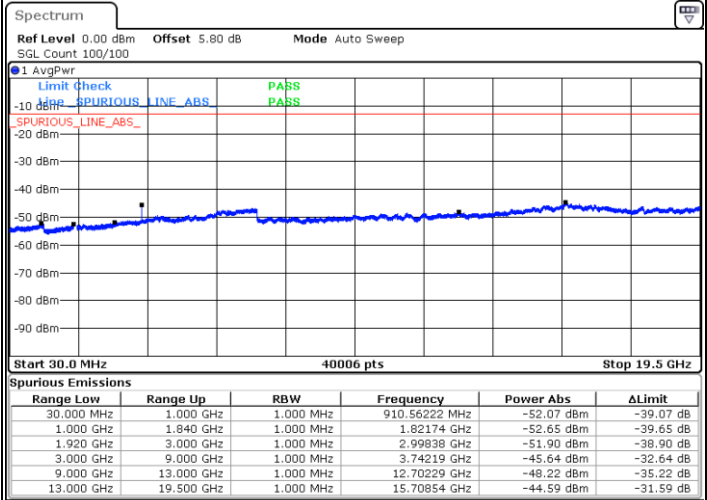
LTE Band 2 / 20MHz

Lowest Channel / QPSK



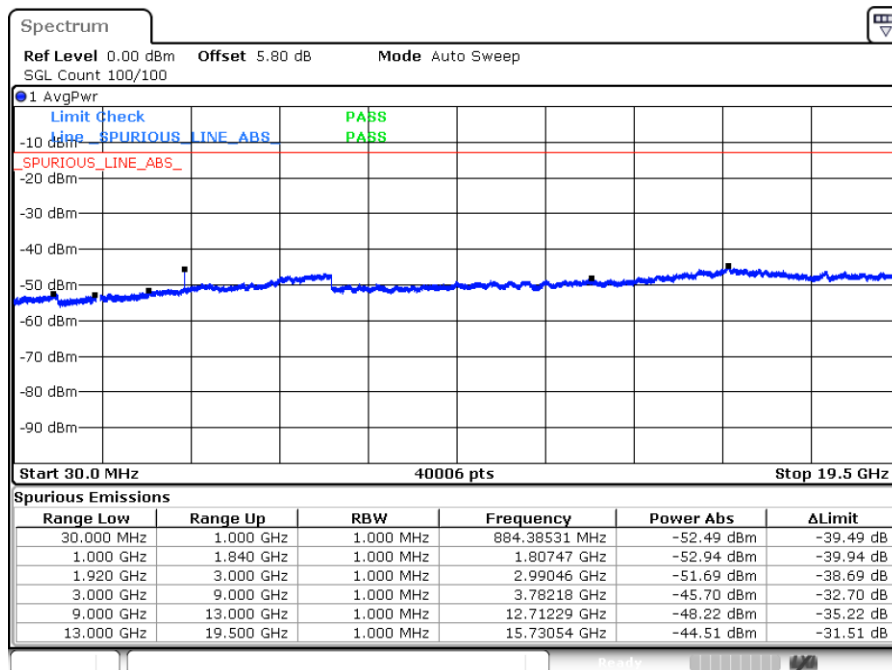
Date: 23.JUN.2021 14:09:55

Middle Channel / QPSK



Date: 23.JUN.2021 14:21:11

Highest Channel / QPSK



Date: 23.JUN.2021 14:19:14

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0009	

Note:

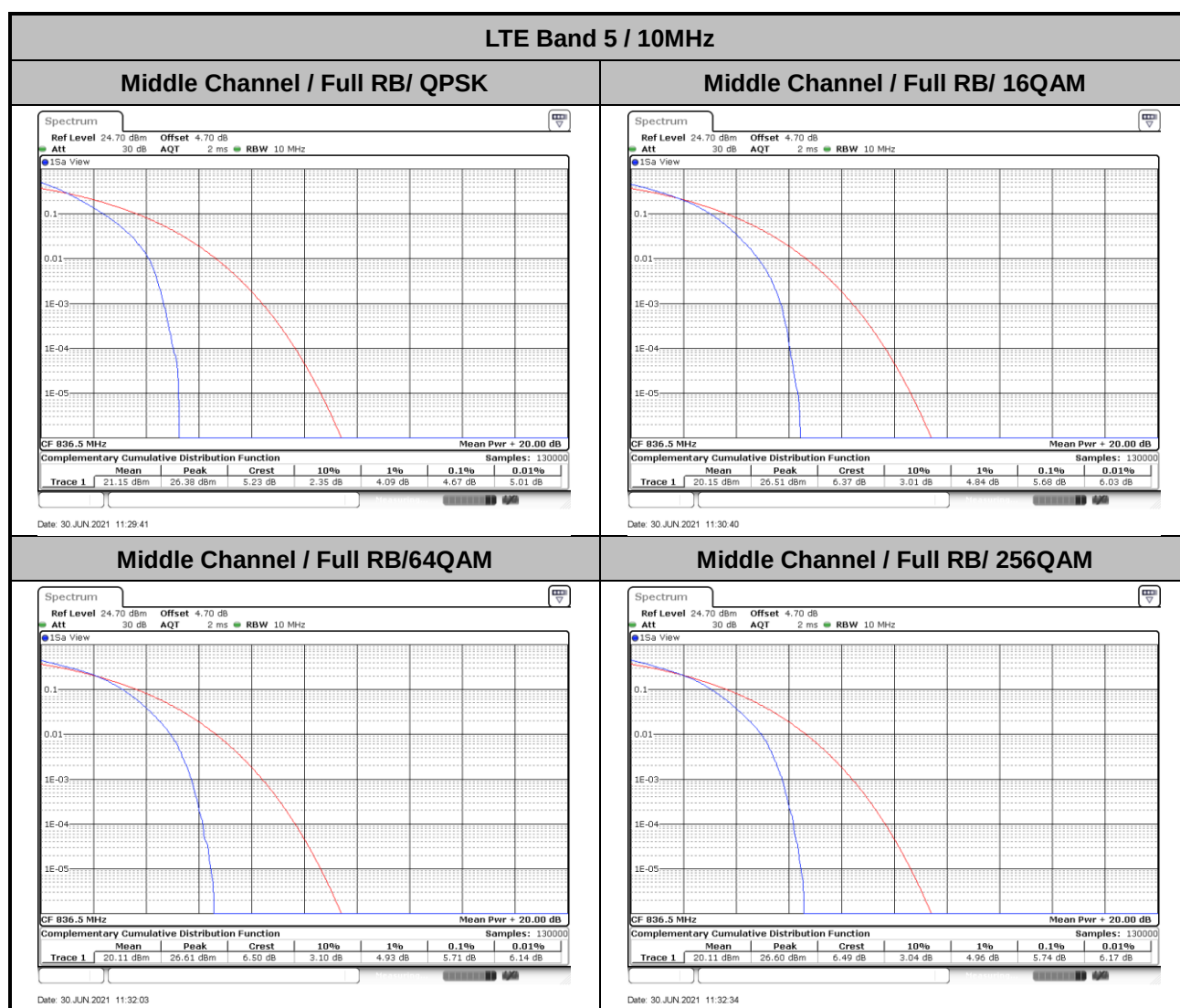
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

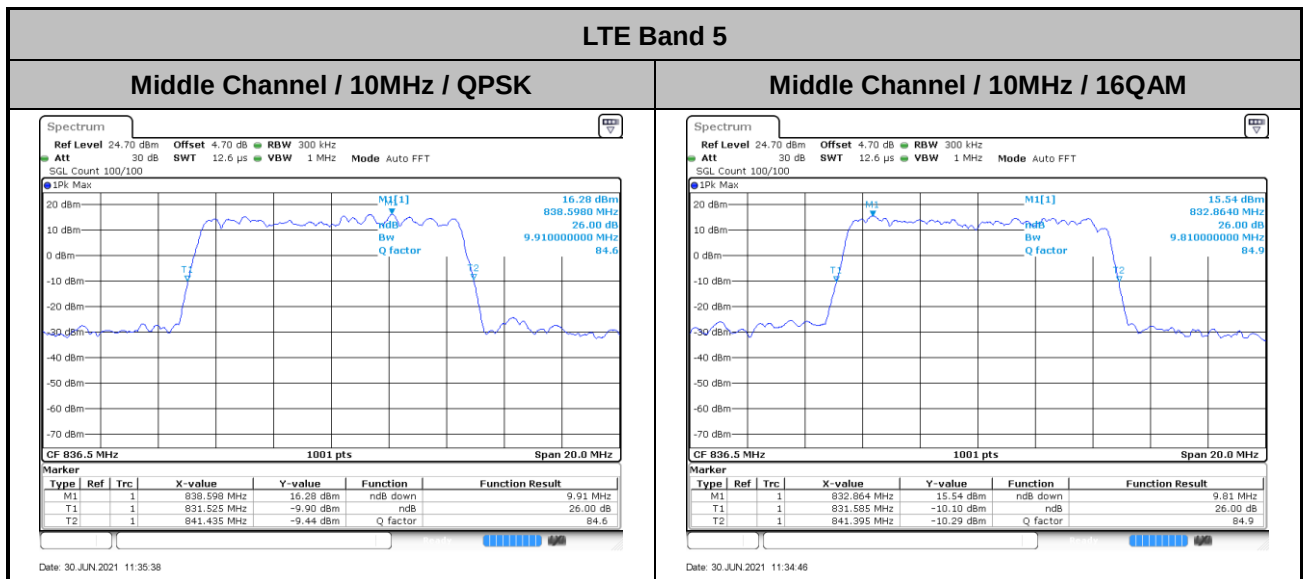
Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.67	5.68	5.71	5.74	PASS



**26dB Bandwidth**

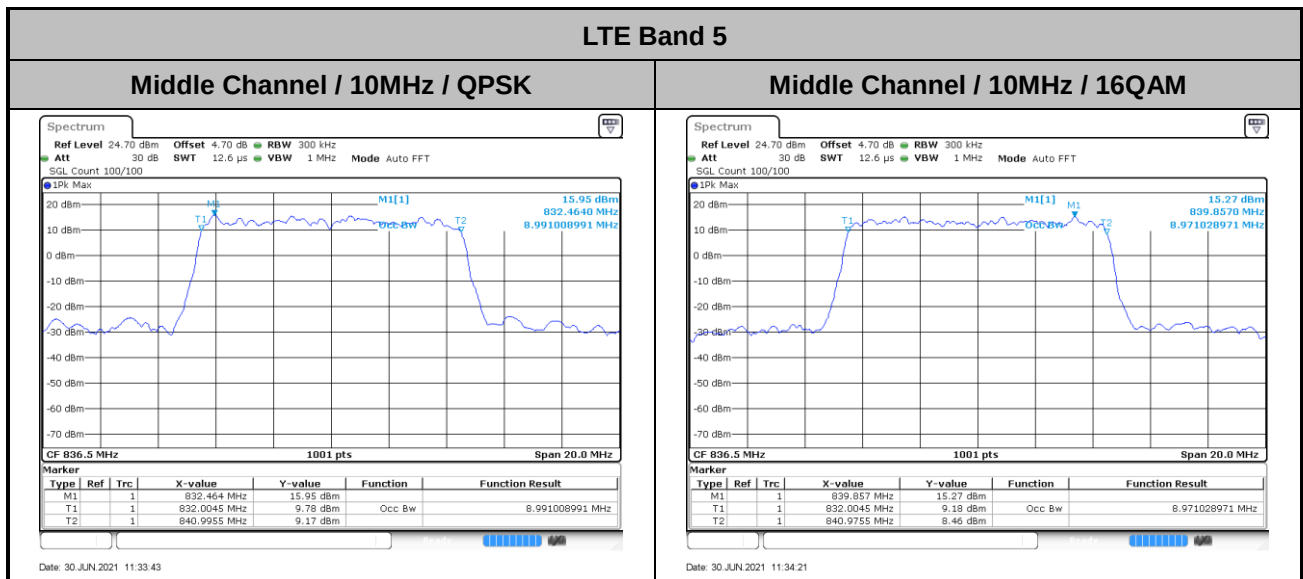
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	9.91	9.81





Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	8.97

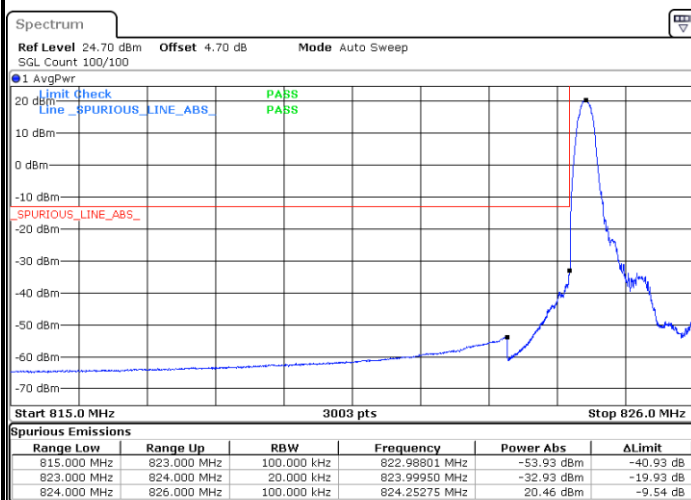




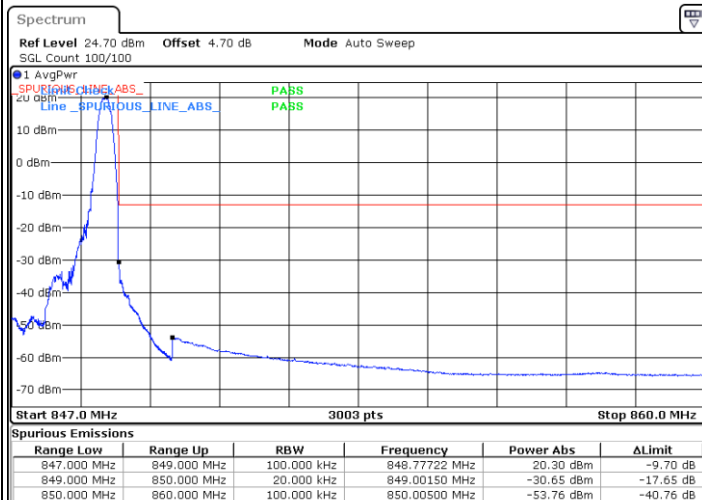
Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

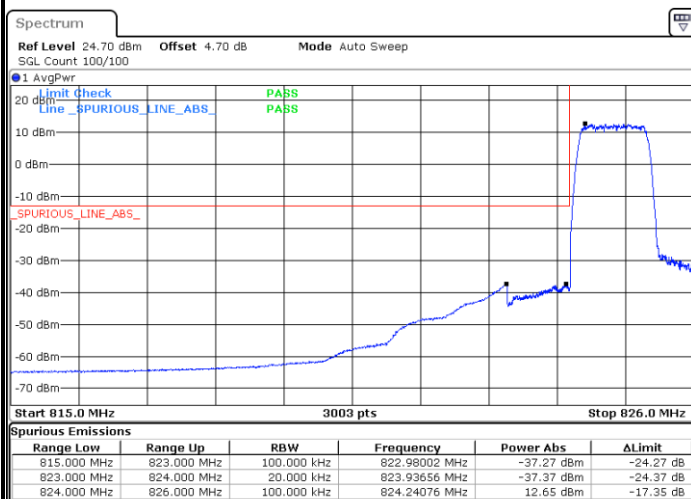
Lowest Band Edge / 1RB



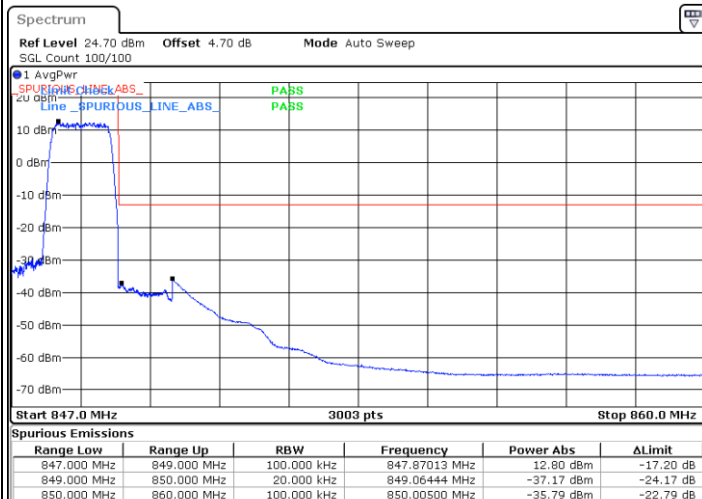
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



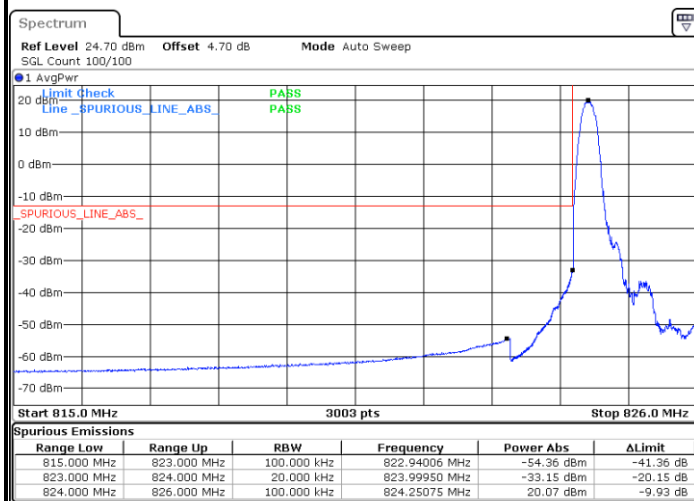
Highest Band Edge / Full RB



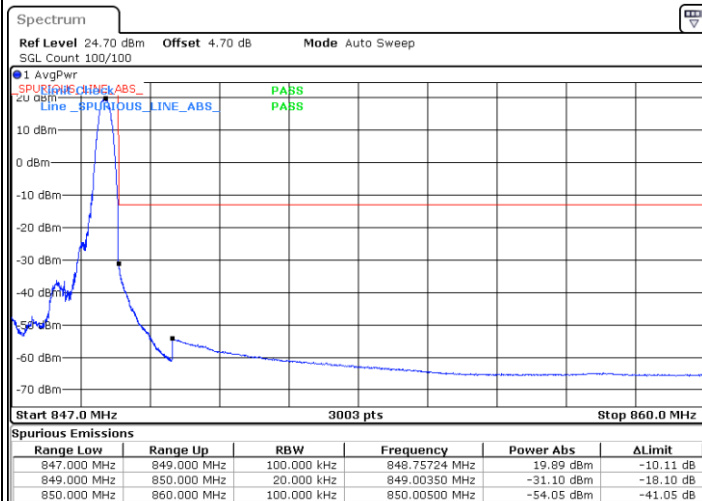


LTE Band 5 / 1.4MHz / 16QAM

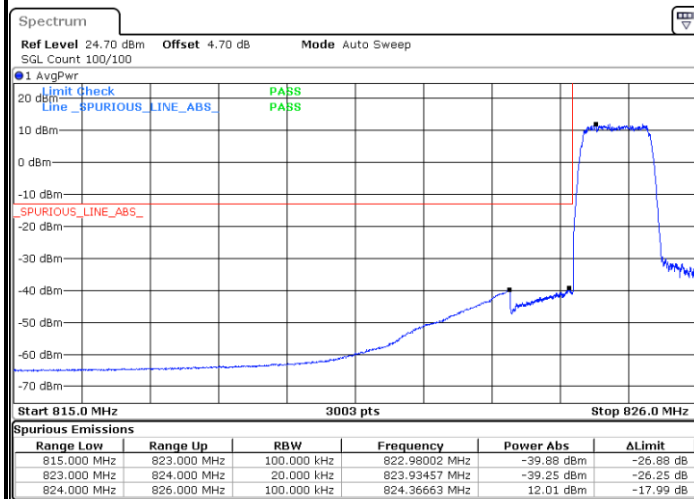
Lowest Band Edge / 1 RB



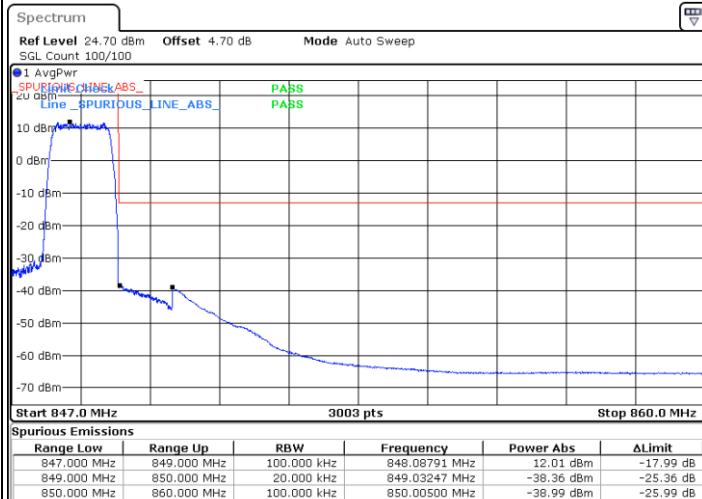
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



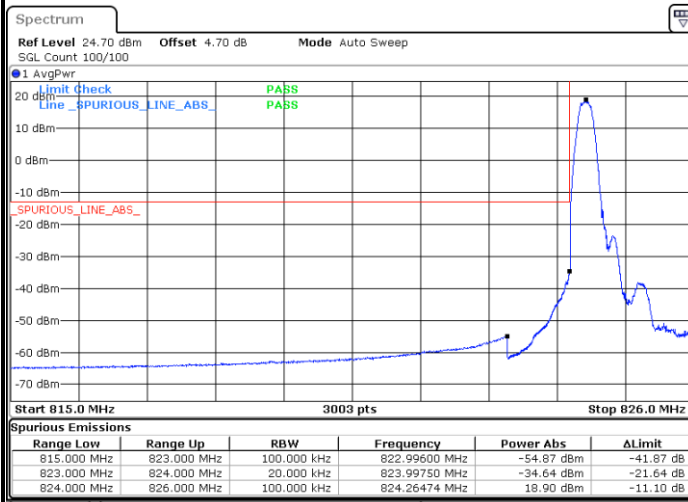
Highest Band Edge / Full RB



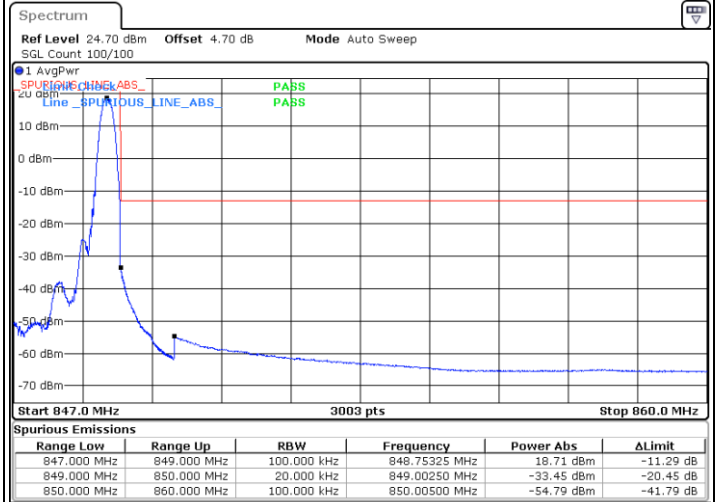


LTE Band 5 / 1.4MHz / 64QAM

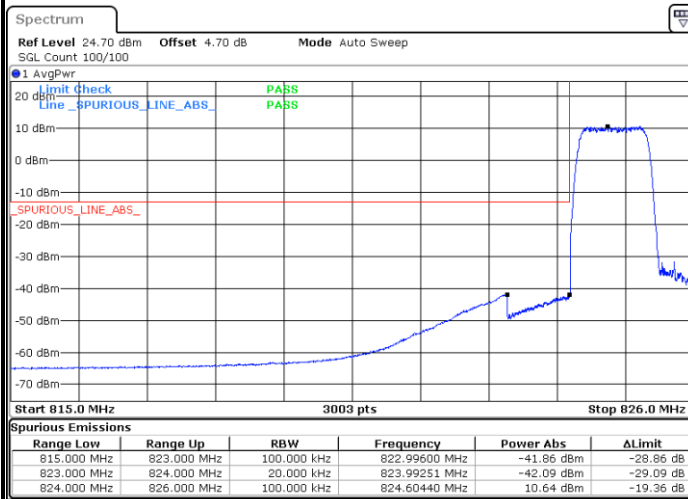
Lowest Band Edge / 1 RB



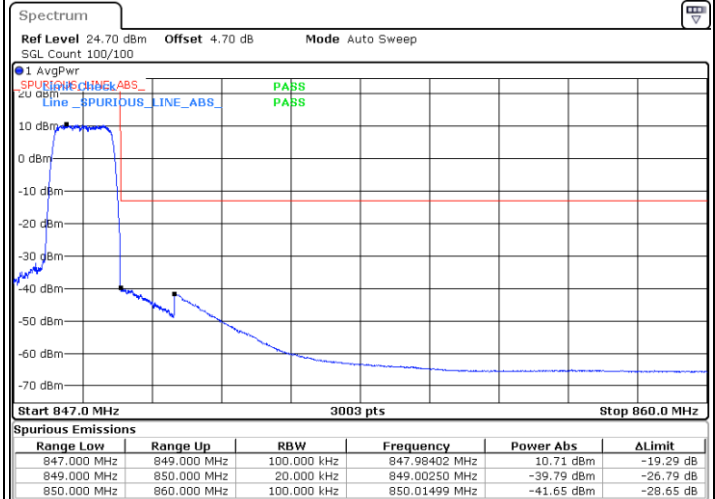
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



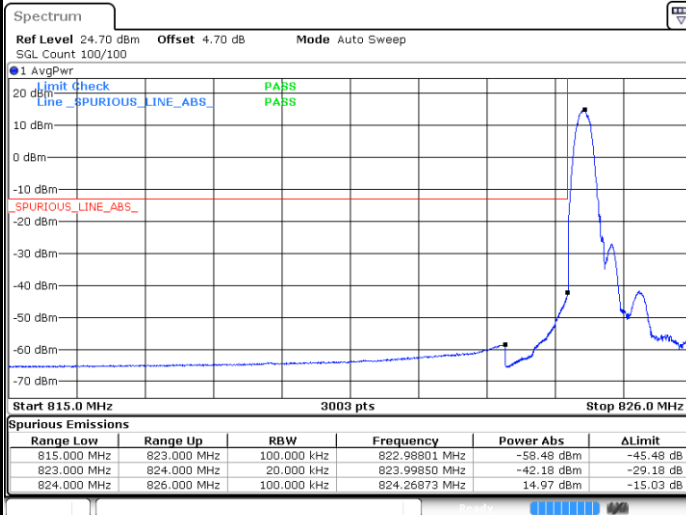
Highest Band Edge / Full RB



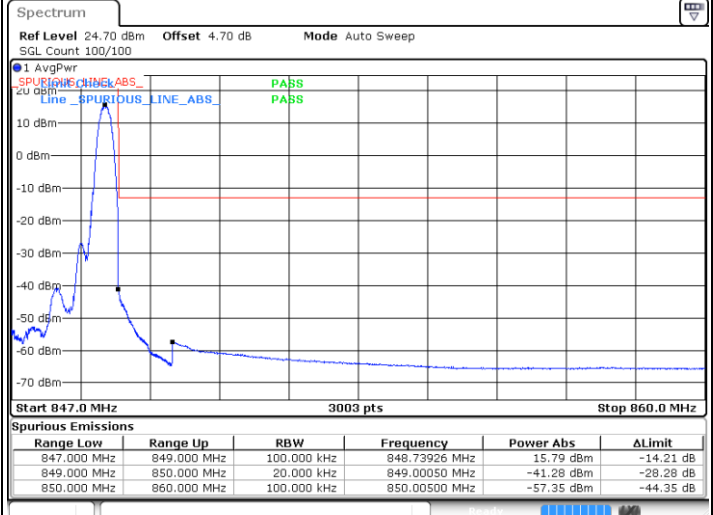


LTE Band 5 / 1.4MHz / 256QAM

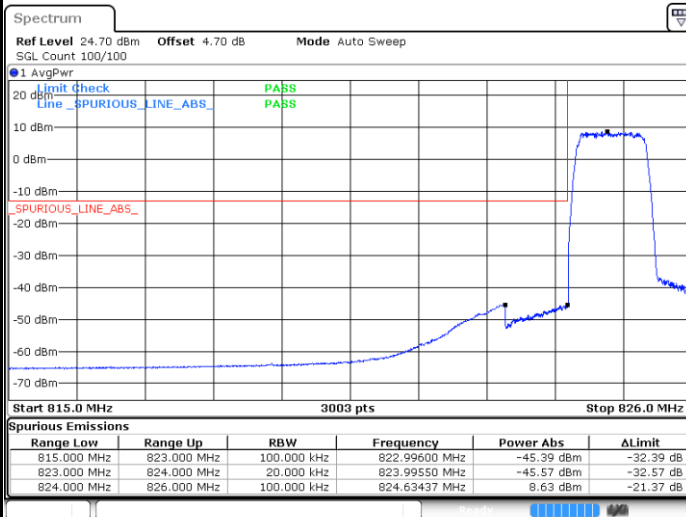
Lowest Band Edge / 1 RB



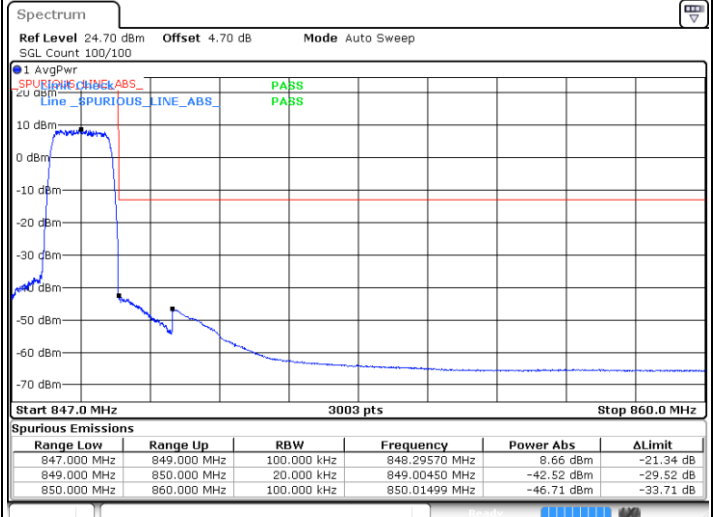
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



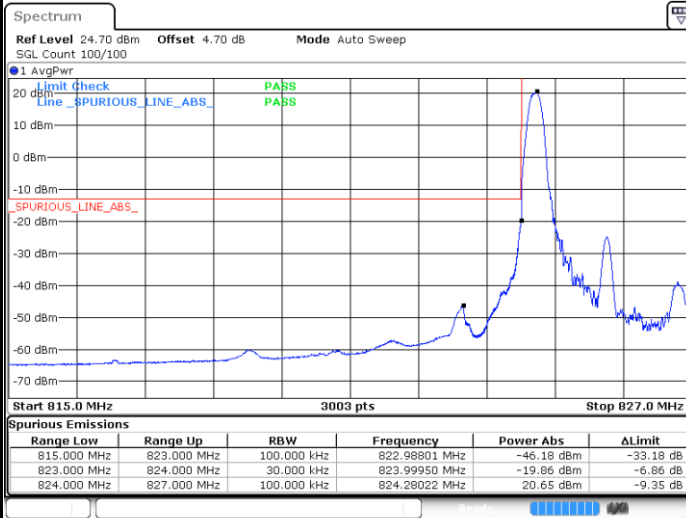
Highest Band Edge / Full RB



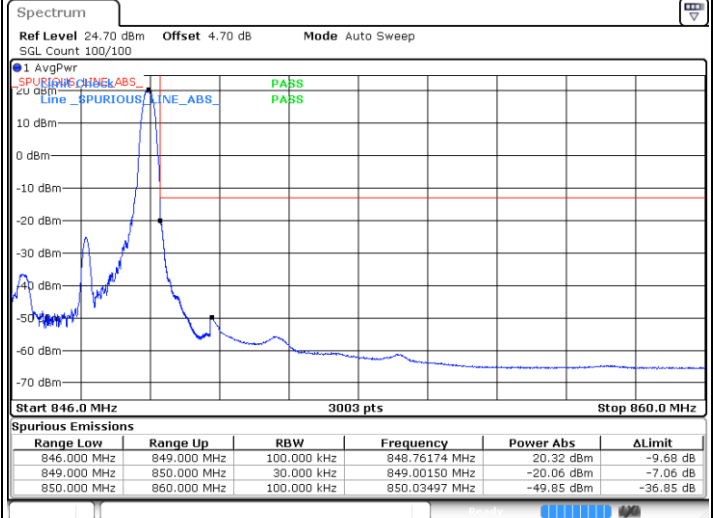


LTE Band 5 / 3MHz / QPSK

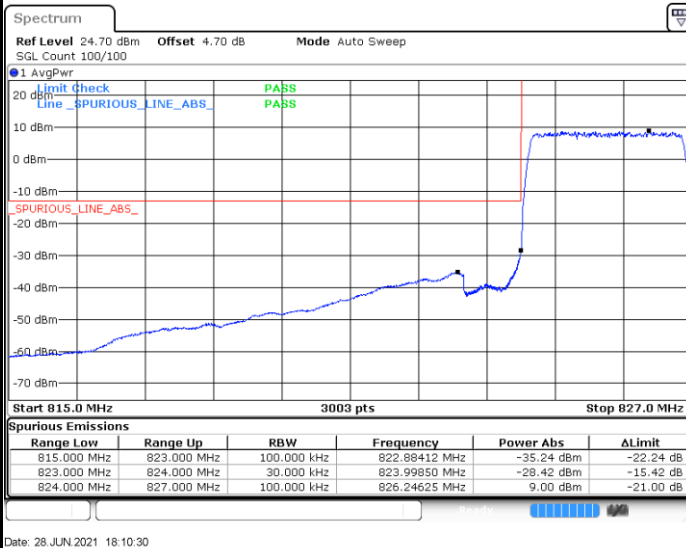
Lowest Band Edge / 1RB



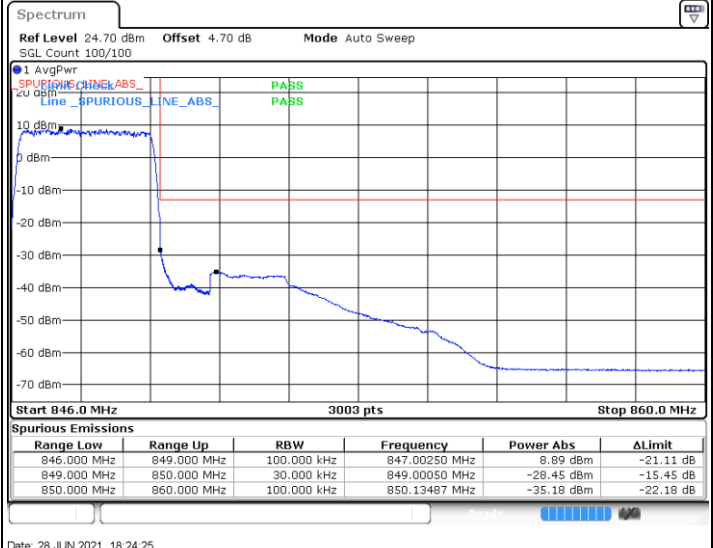
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



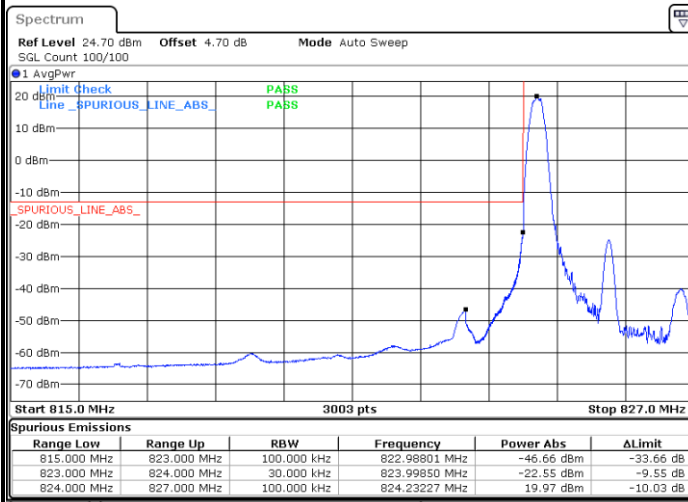
Highest Band Edge / Full RB



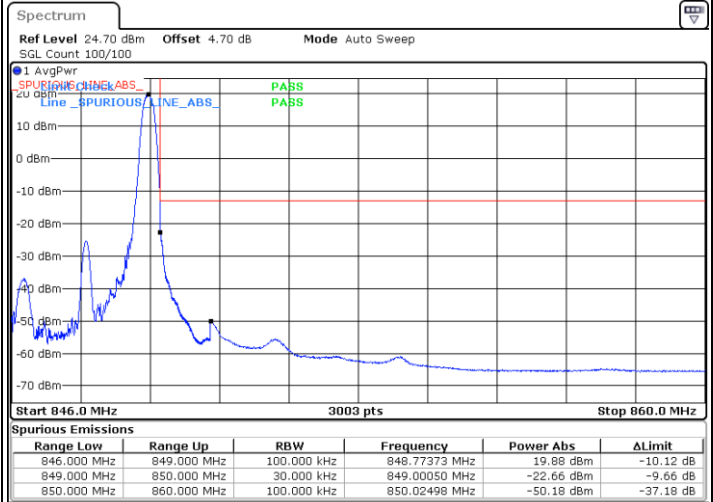


LTE Band 5 / 3MHz / 16QAM

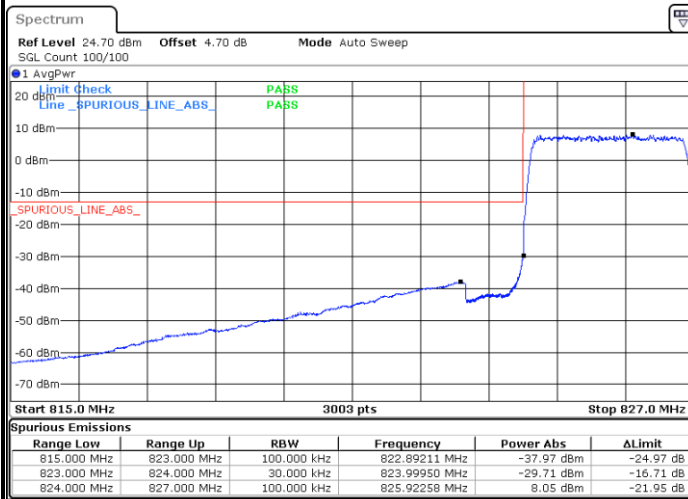
Lowest Band Edge / 1 RB



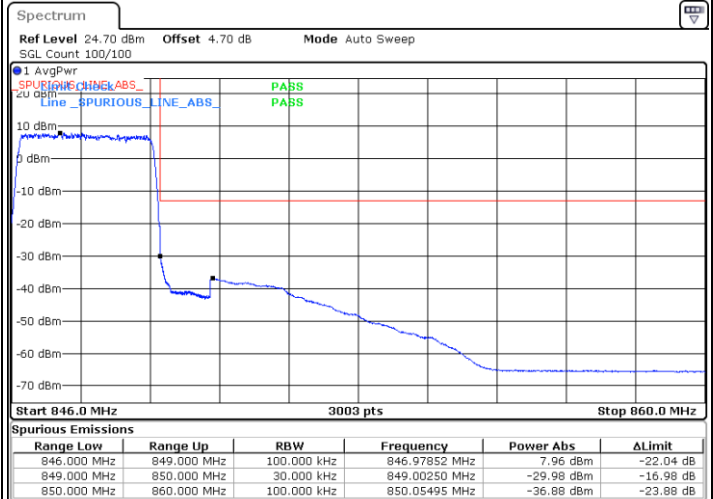
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



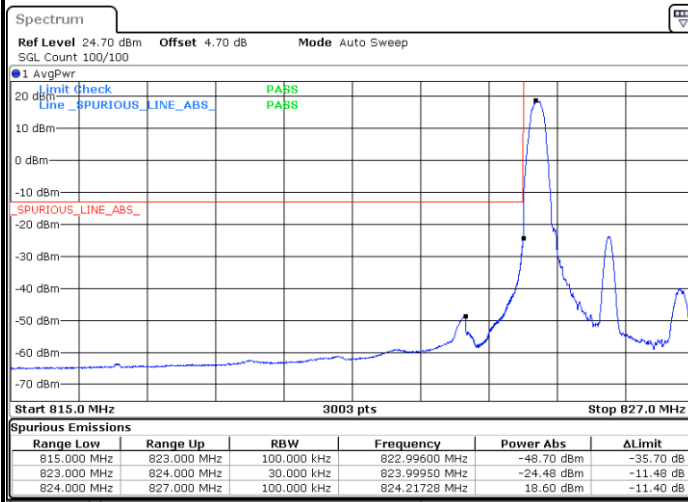
Highest Band Edge / Full RB



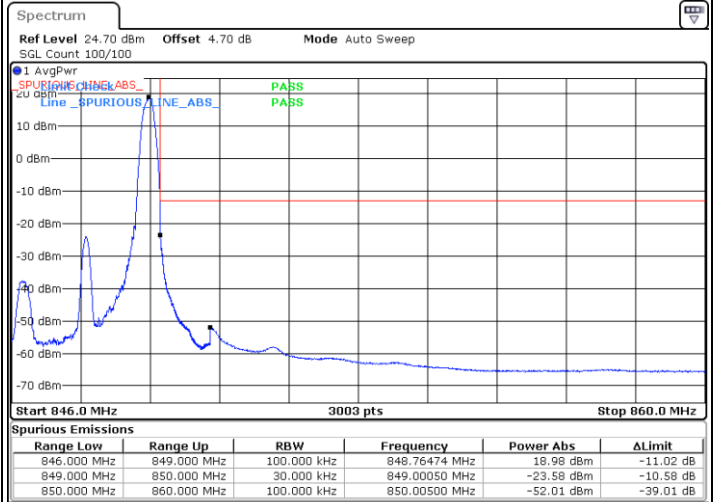


LTE Band 5 / 3MHz / 64QAM

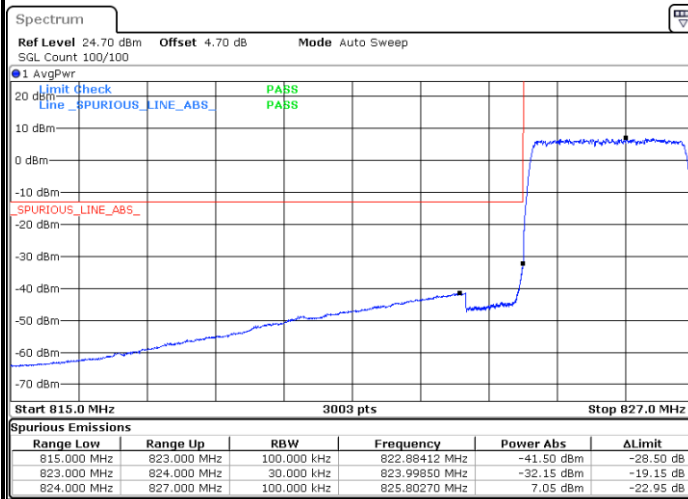
Lowest Band Edge / 1 RB



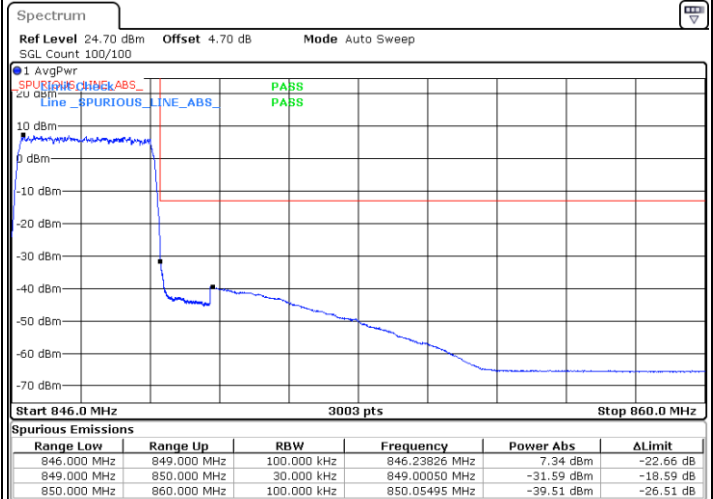
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



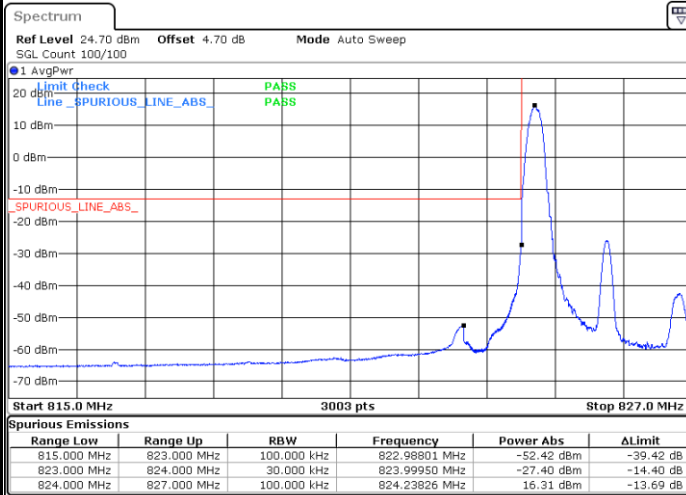
Highest Band Edge / Full RB



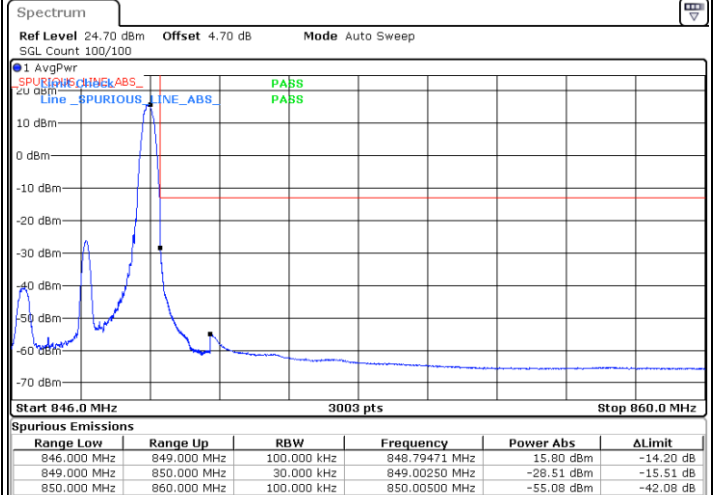


LTE Band 66 / 3MHz / 256QAM

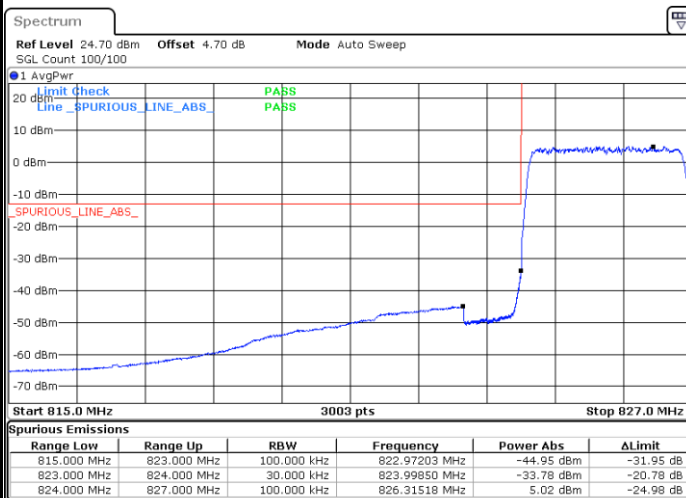
Lowest Band Edge / 1 RB



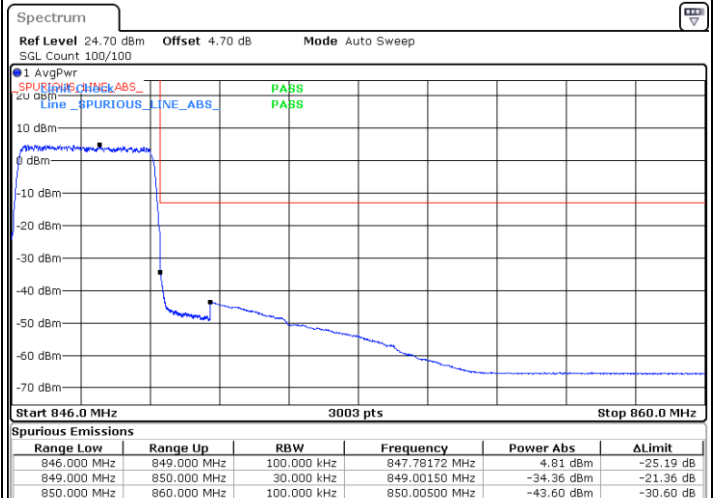
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



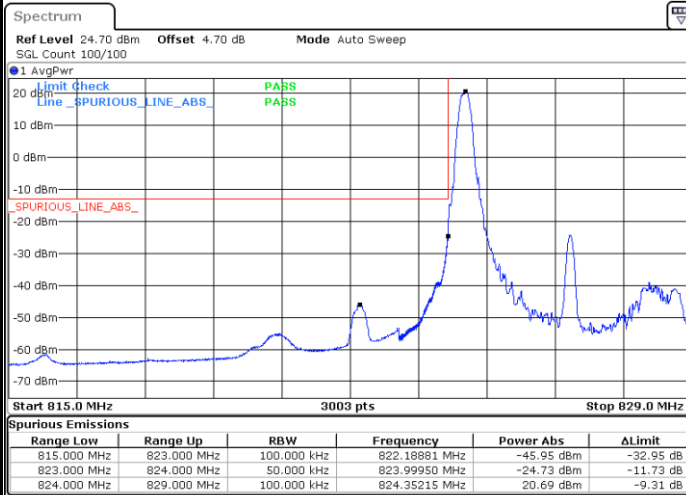
Highest Band Edge / Full RB





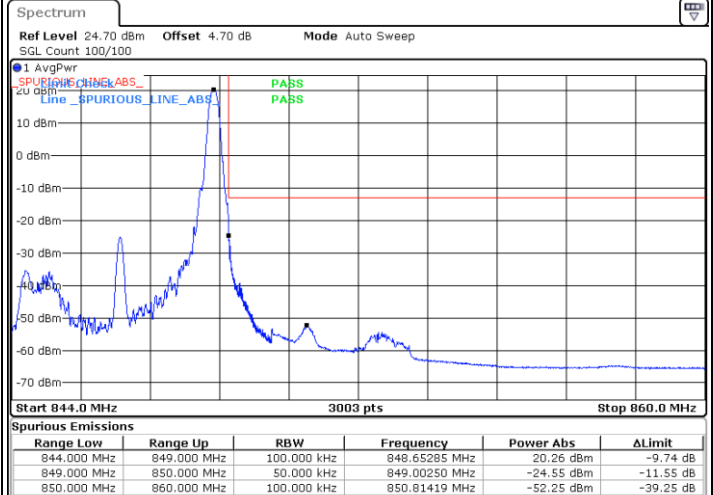
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



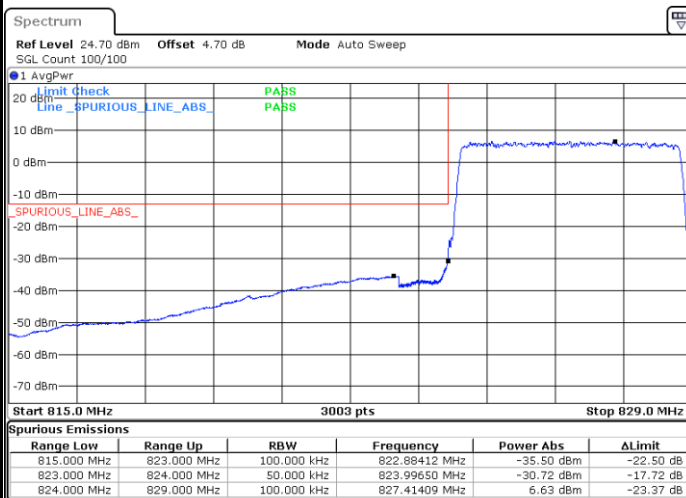
Date: 28 JUN 2021 18:30:36

Highest Band Edge / 1 RB



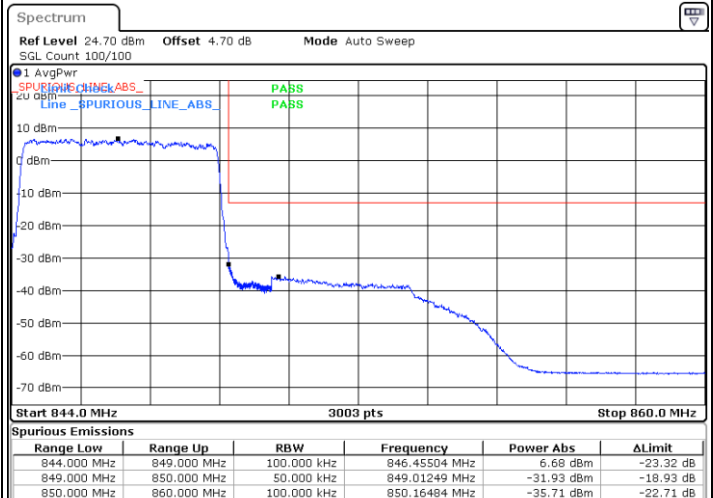
Date: 28 JUN 2021 18:40:01

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:33:55

Highest Band Edge / Full RB

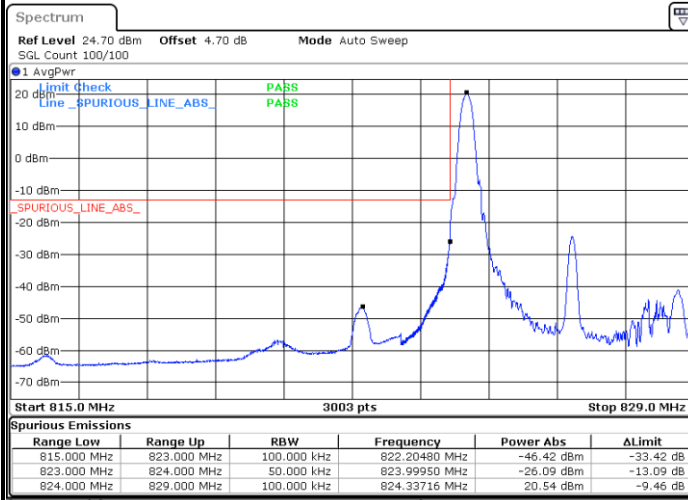


Date: 28 JUN 2021 18:43:29

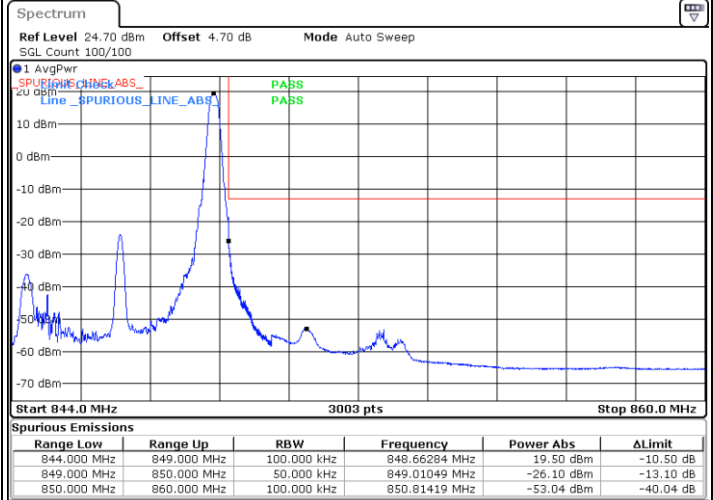


LTE Band 66 / 5MHz / 16QAM

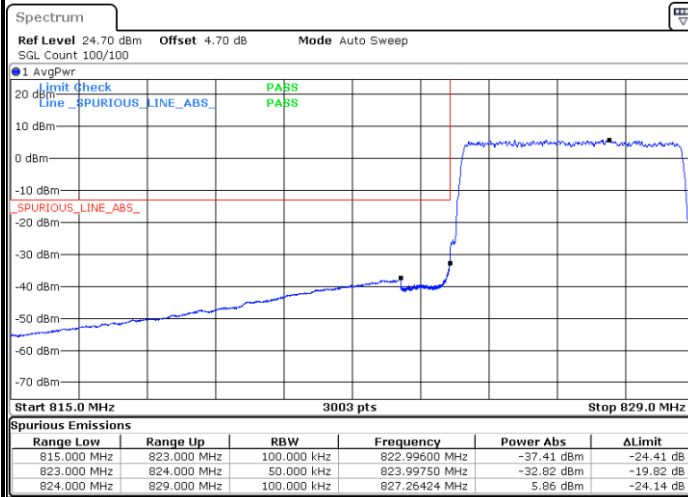
Lowest Band Edge / 1RB



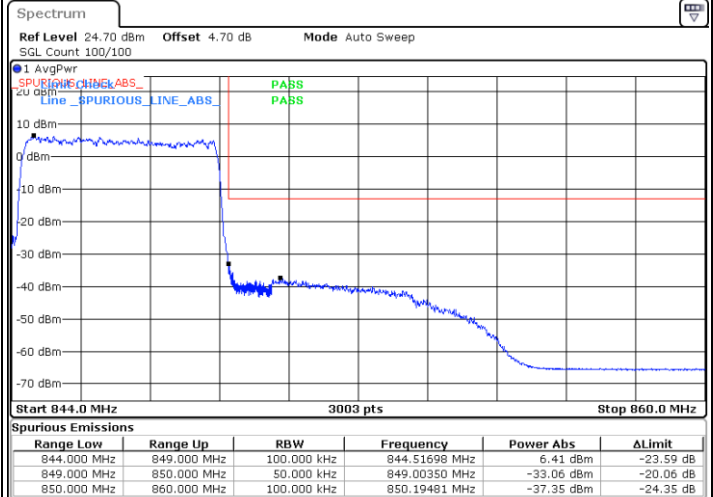
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



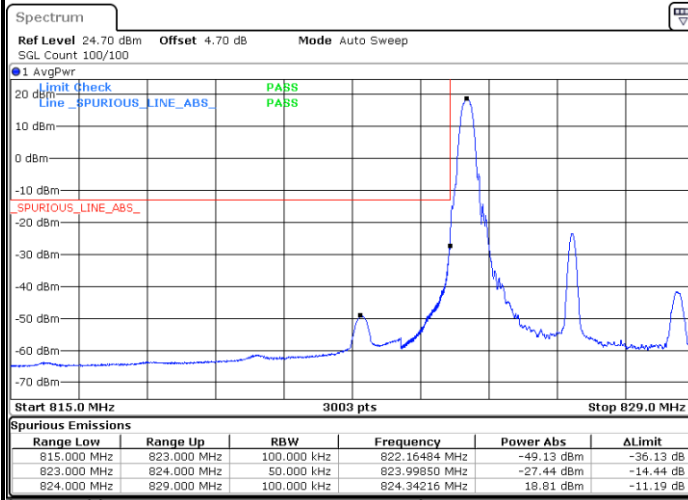
Highest Band Edge / Full RB



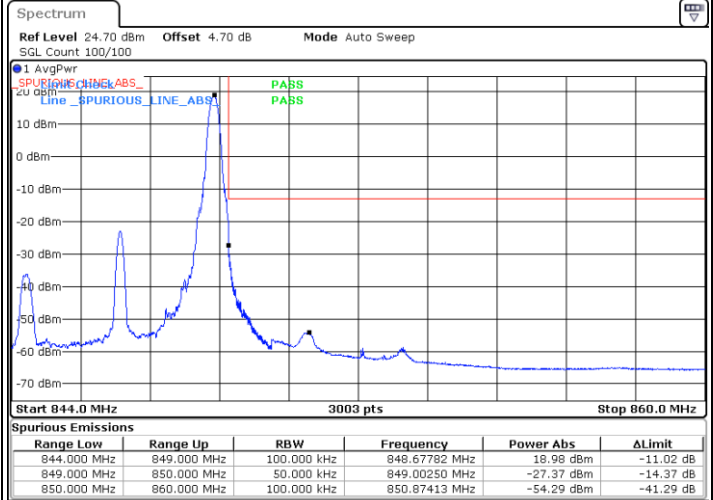


LTE Band 66 / 5MHz / 64QAM

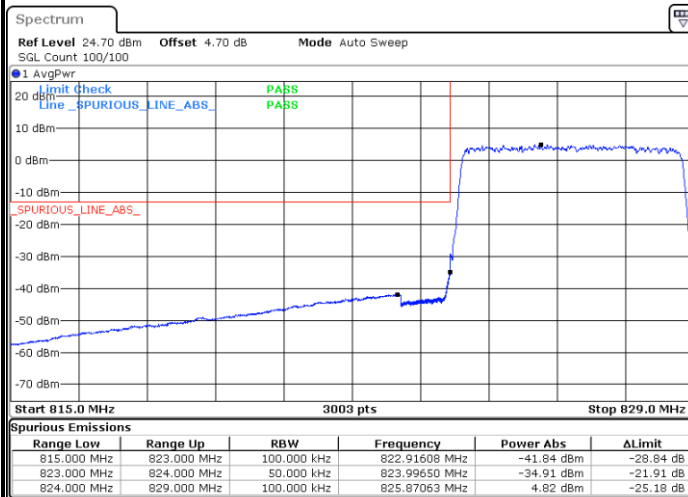
Lowest Band Edge / 1RB



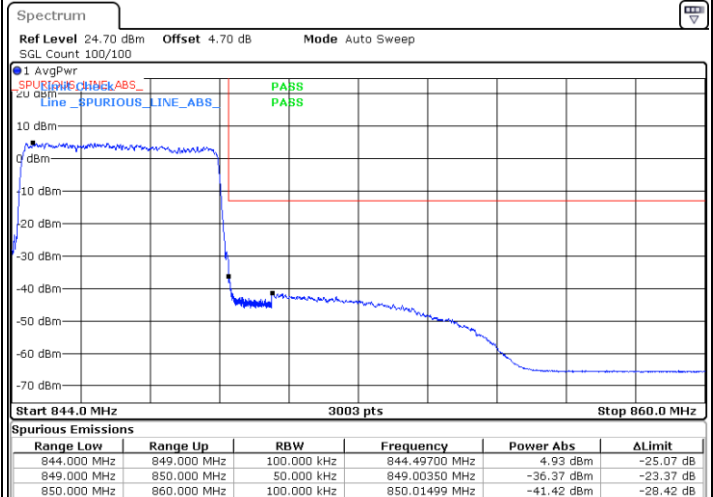
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



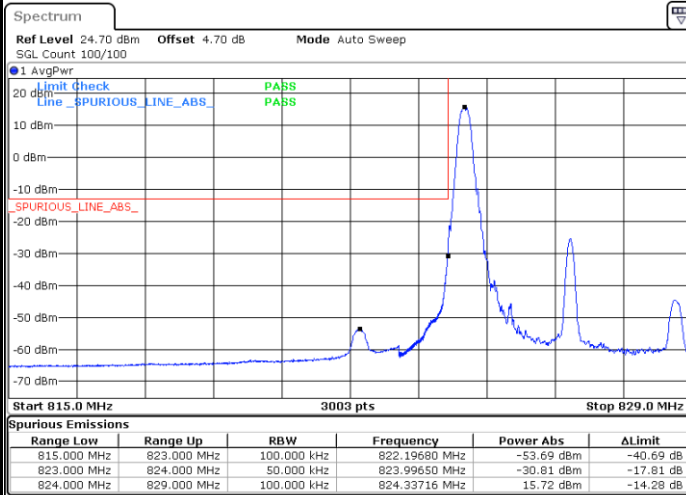
Highest Band Edge / Full RB





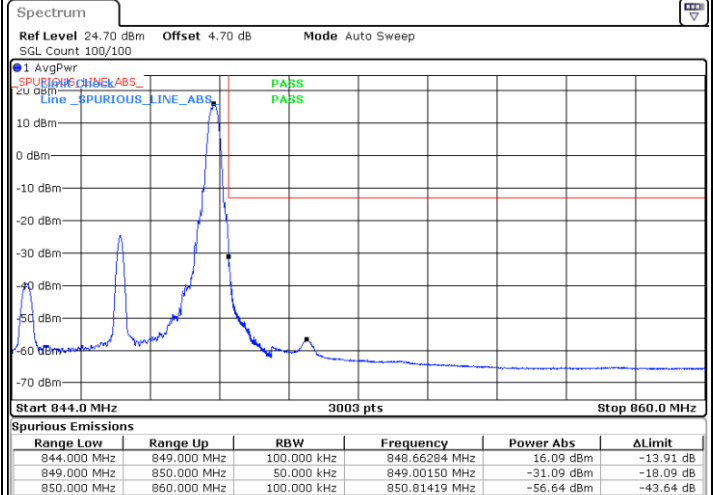
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



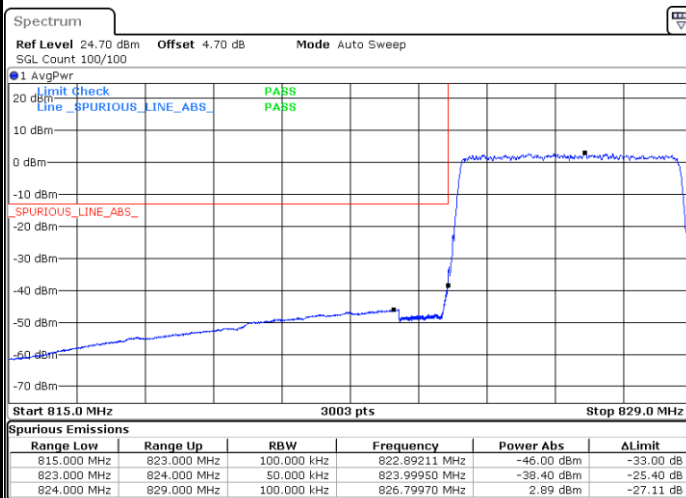
Date: 28 JUN 2021 18:32:53

Highest Band Edge / 1 RB



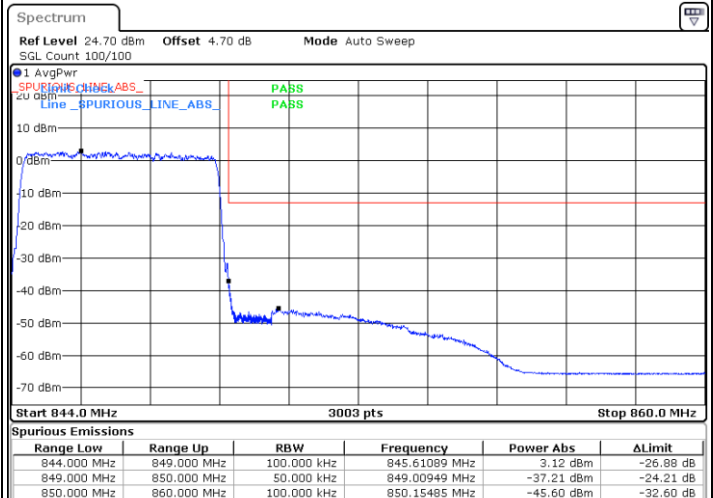
Date: 28 JUN 2021 18:42:23

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:36:06

Highest Band Edge / Full RB

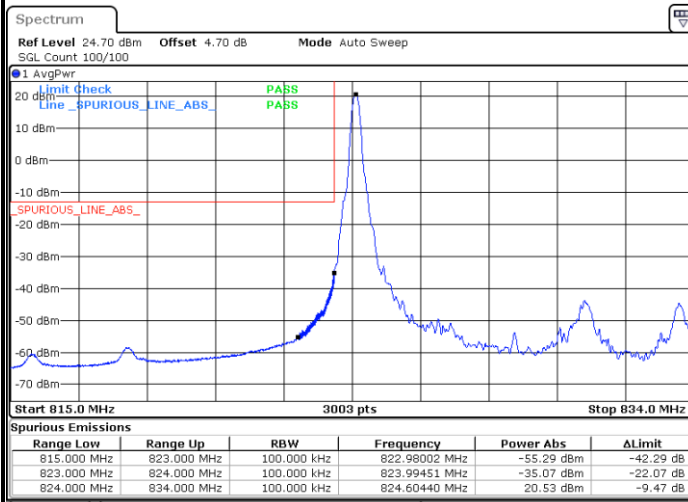


Date: 28 JUN 2021 18:45:48

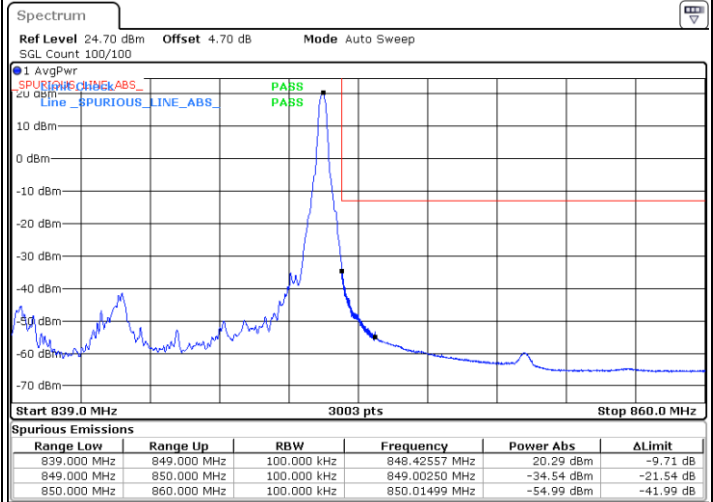


LTE Band 5 / 10MHz / QPSK

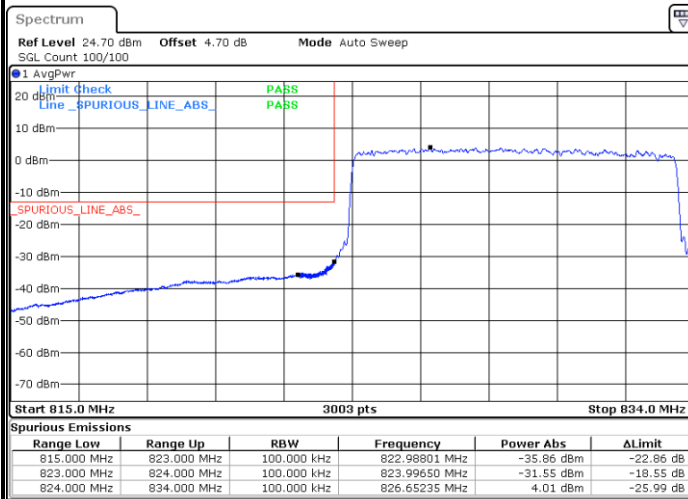
Lowest Band Edge / 1 RB



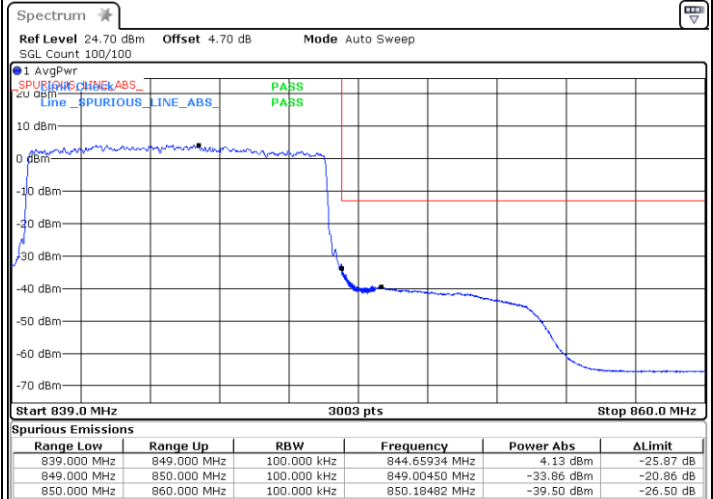
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



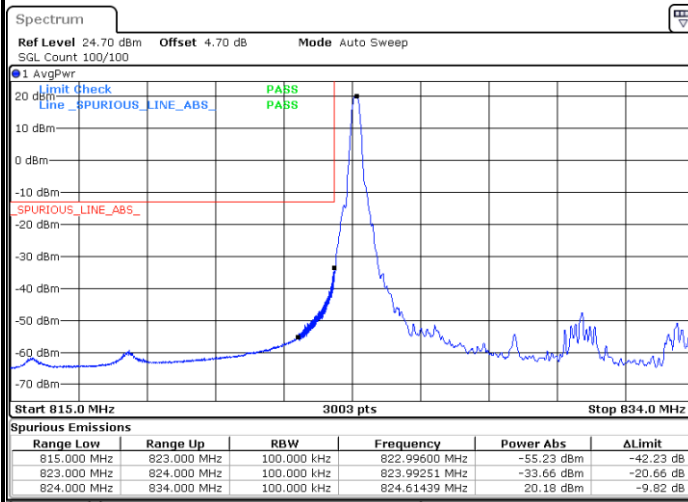
Highest Band Edge / Full RB



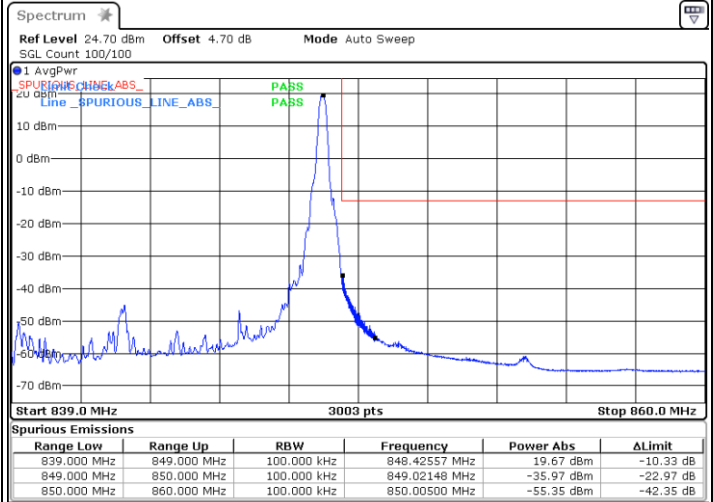


LTE Band 5 / 10MHz / 16QAM

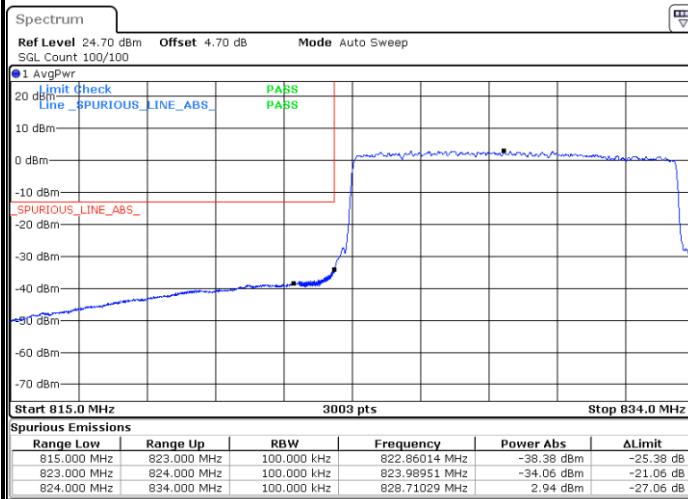
Lowest Band Edge / 1 RB



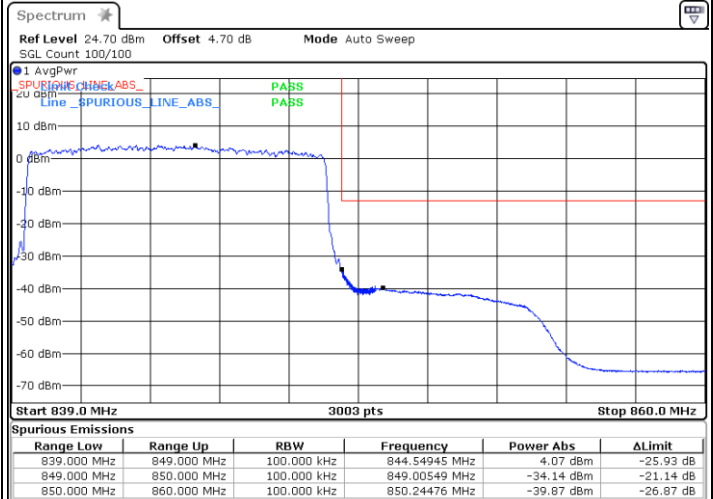
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



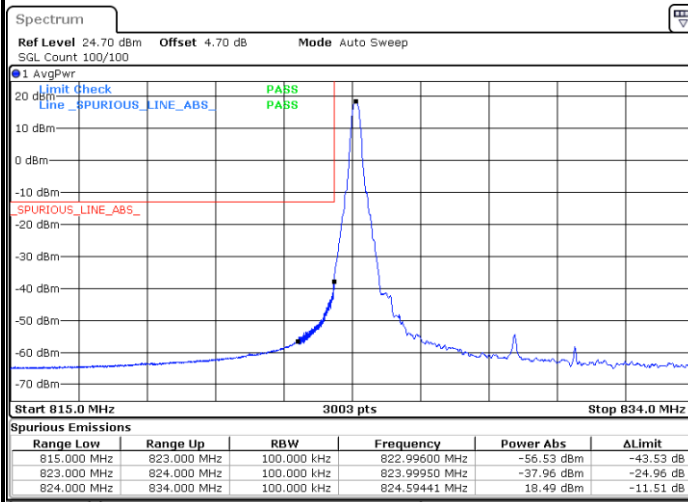
Highest Band Edge / Full RB



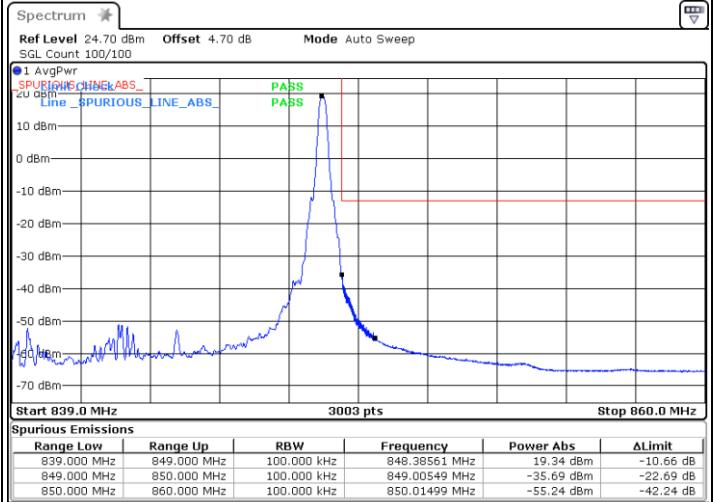


LTE Band 5 / 10MHz / 64QAM

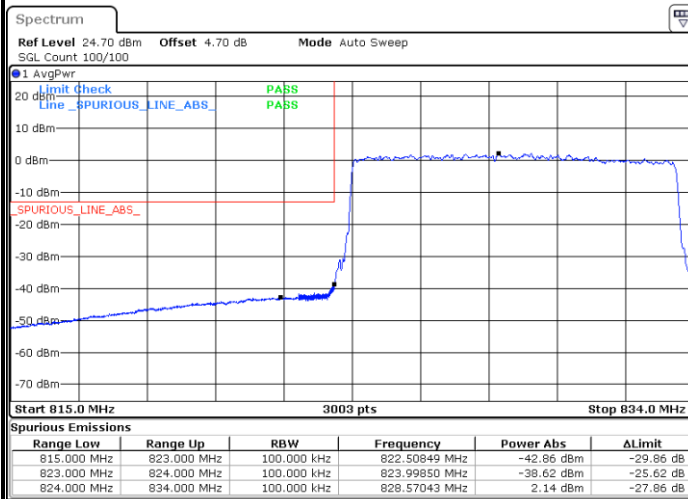
Lowest Band Edge / 1 RB



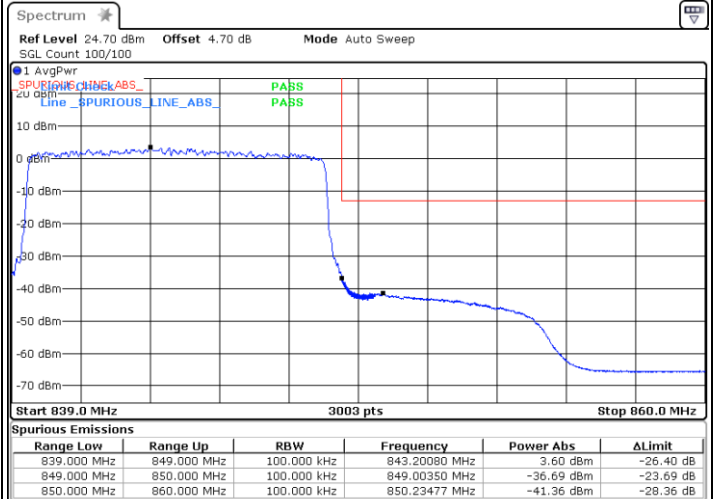
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



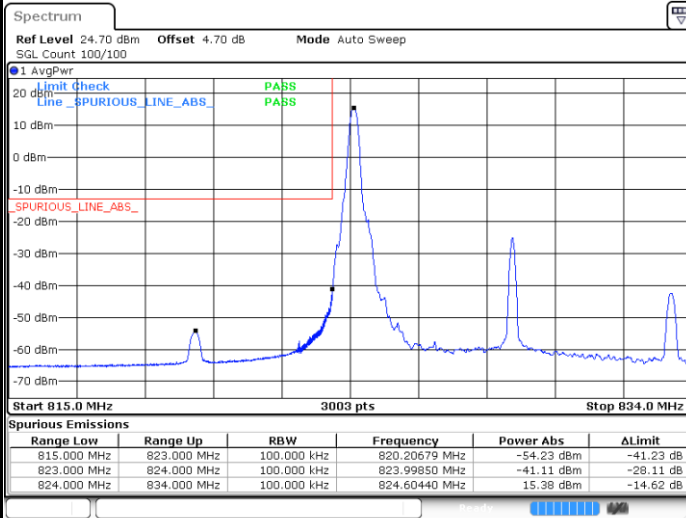
Highest Band Edge / Full RB



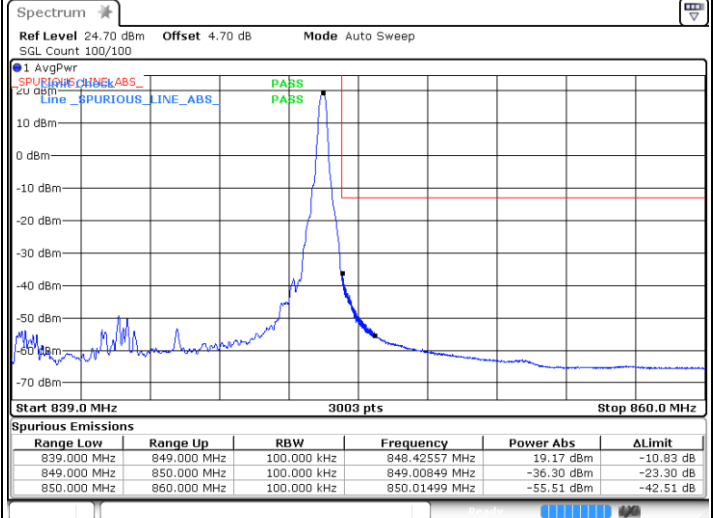


LTE Band 5 / 10MHz / 256QAM

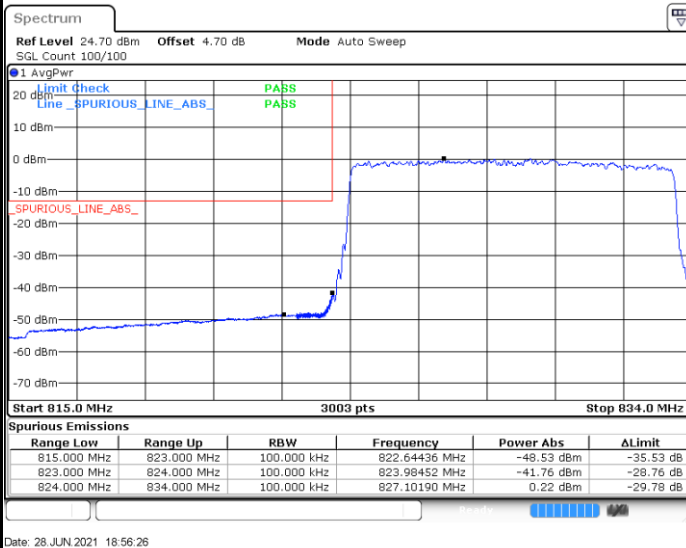
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

