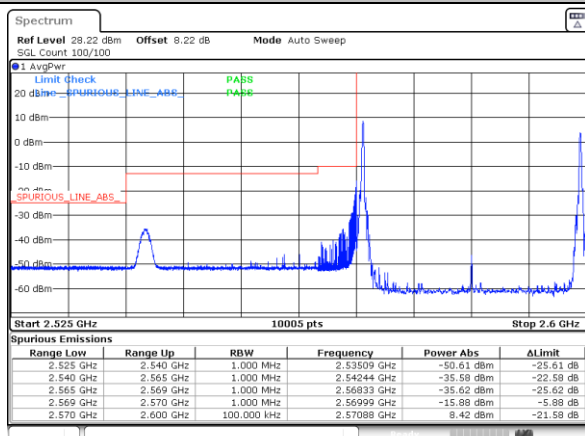




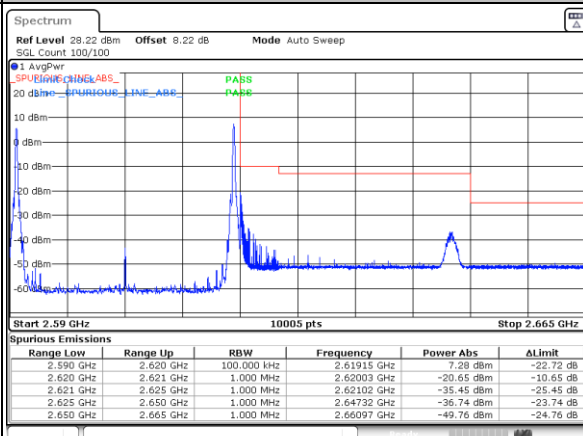
LTE Band 38C / 15MHz+15MHz

64QAM

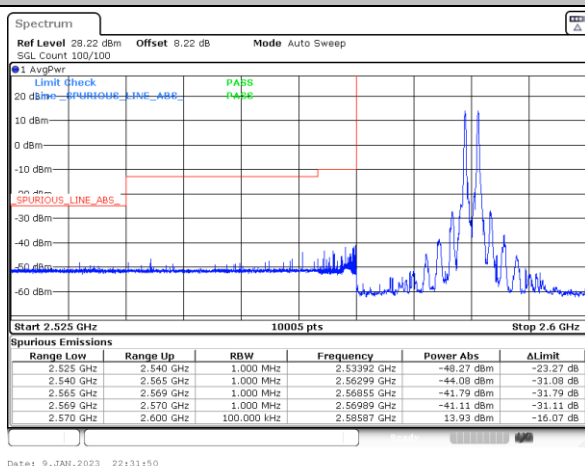
Lowest Band Edge / 1RB0 and 1RB74



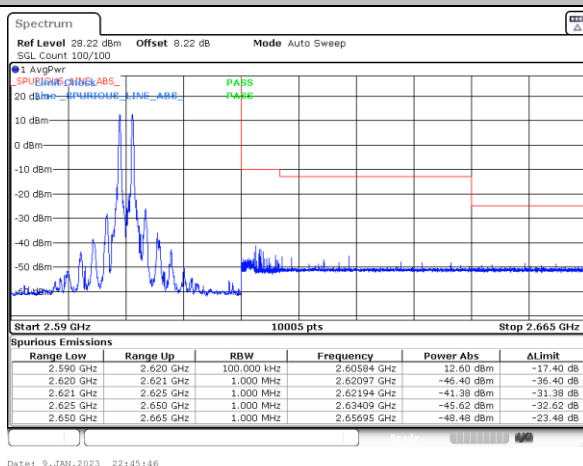
Highest Band Edge / 1RB0 and 1RB74



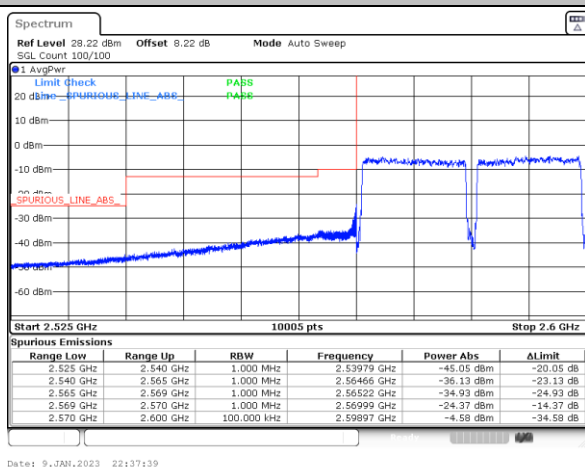
Lowest Band Edge / 1RB74 and 1RB0



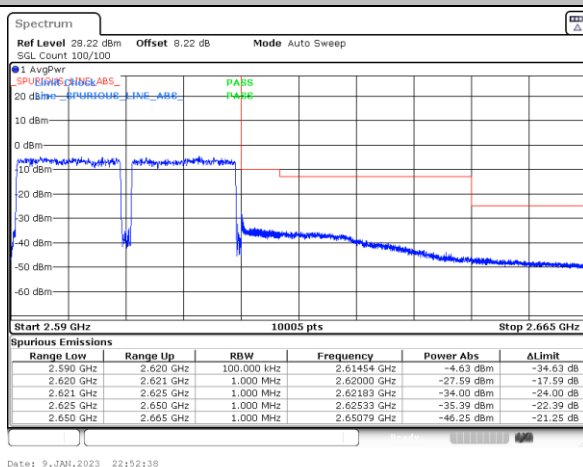
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

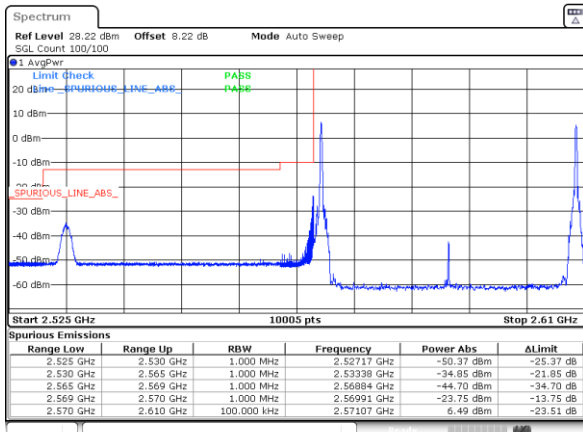




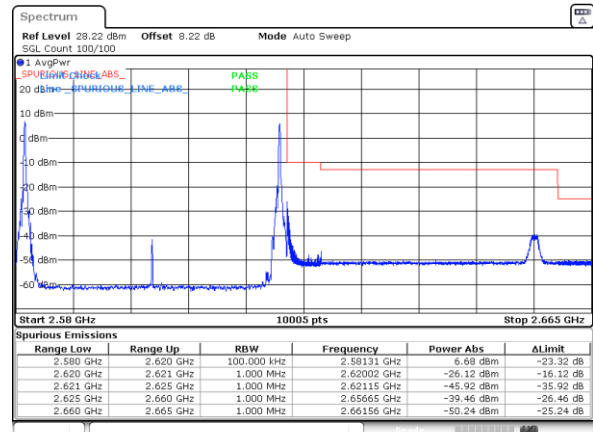
LTE Band 38C / 20MHz+20MHz

64QAM

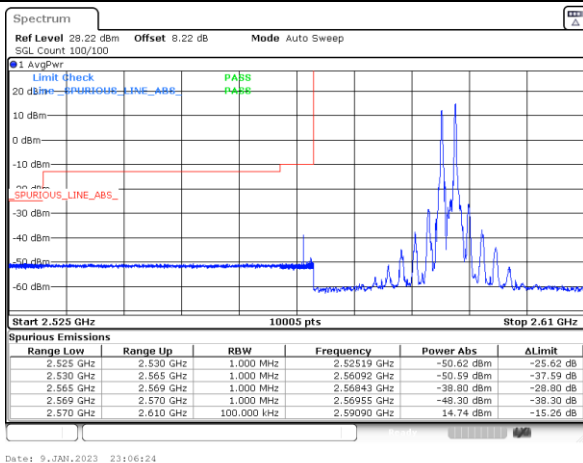
Lowest Band Edge / 1RB0 and 1RB99



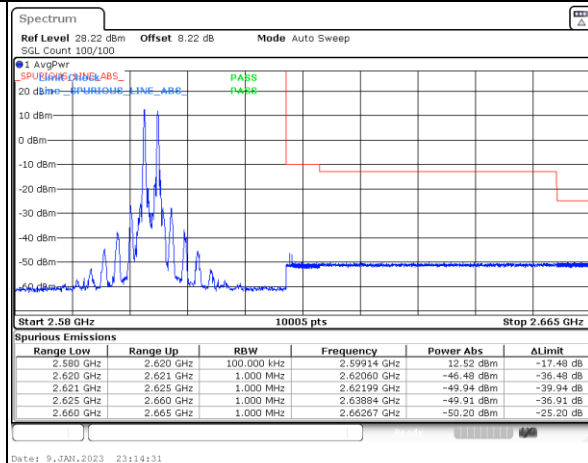
Highest Band Edge / 1RB0 and 1RB99



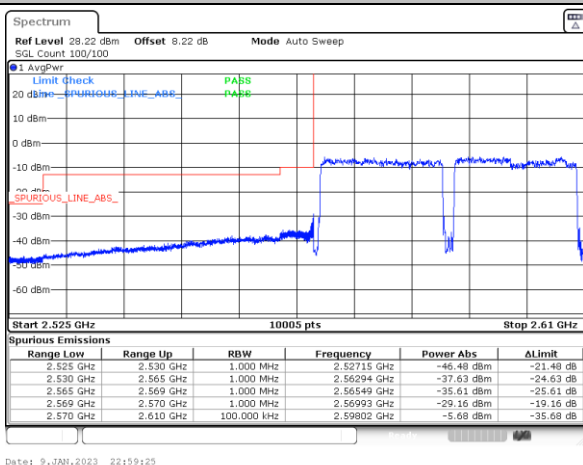
Lowest Band Edge / 1RB99 and 1RB0



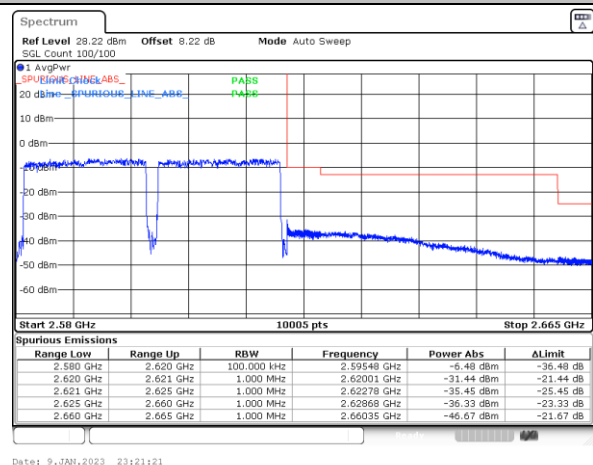
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

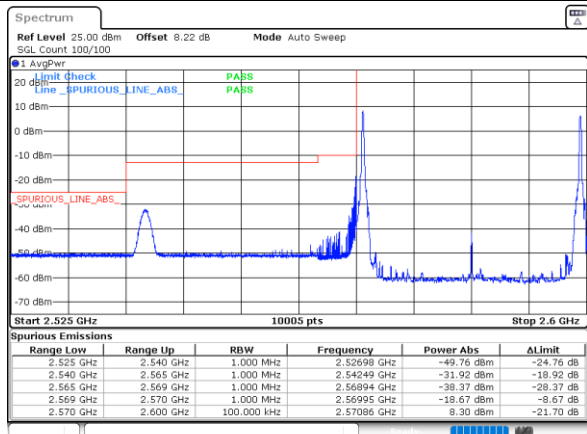




LTE Band 38C / 15MHz+15MHz

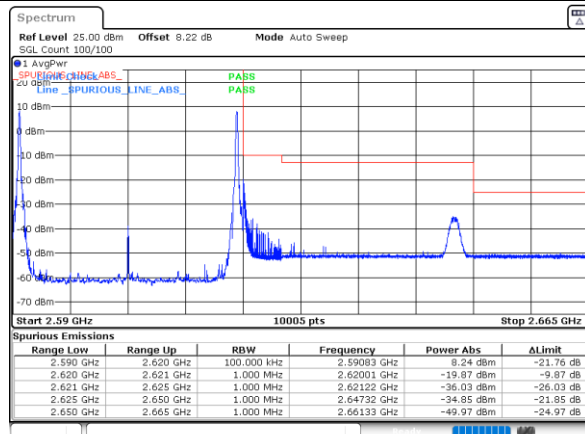
256QAM

Lowest Band Edge / 1RB0 and 1RB74



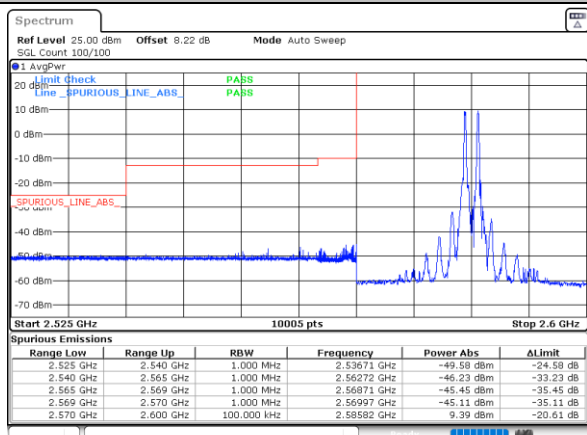
Date: 10, JAN, 2023 22:17:04

Highest Band Edge / 1RB0 and 1RB74



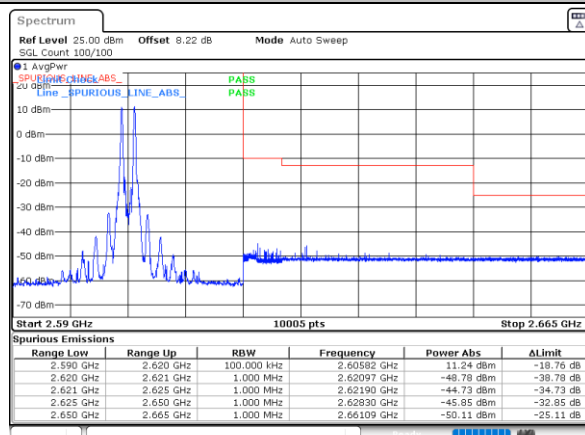
Date: 10, JAN, 2023 22:20:43

Lowest Band Edge / 1RB74 and 1RB0



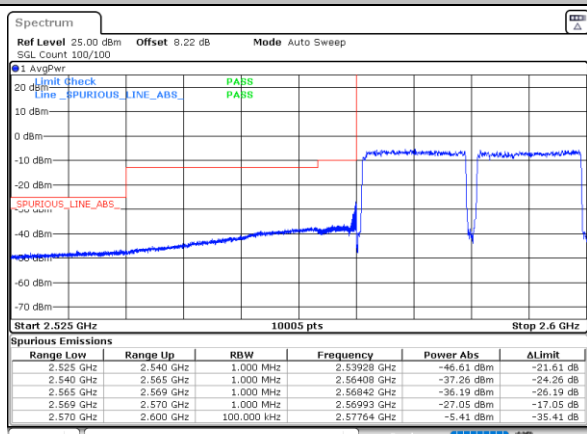
Date: 10, JAN, 2023 22:17:37

Highest Band Edge / 1RB74 and 1RB0



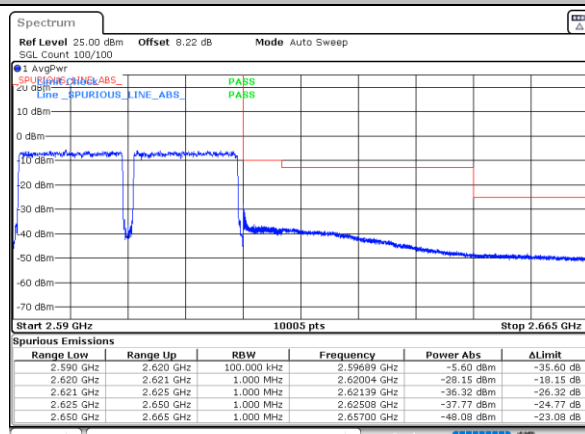
Date: 10, JAN, 2023 22:19:33

Lowest Band Edge / Full RB



Date: 10, JAN, 2023 22:16:01

Highest Band Edge / Full RB



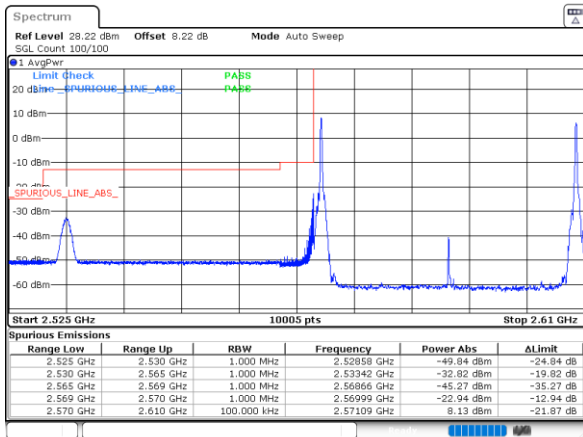
Date: 10, JAN, 2023 22:21:50



LTE Band 38C / 20MHz+20MHz

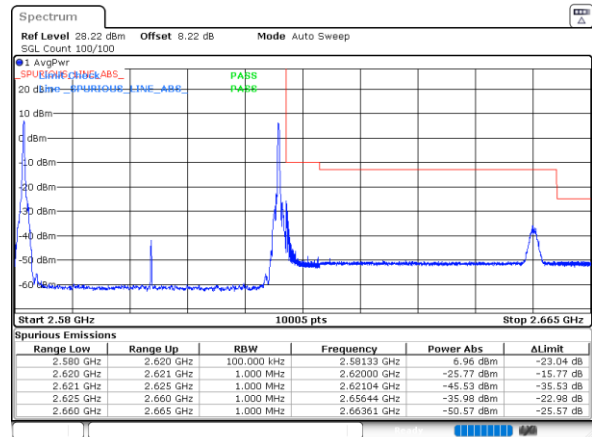
256QAM

Lowest Band Edge / 1RB0 and 1RB99



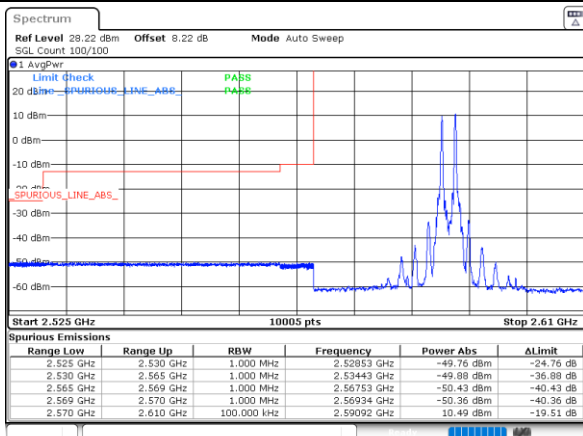
Date: 10, JAN, 2023 22:18:47

Highest Band Edge / 1RB0 and 1RB99



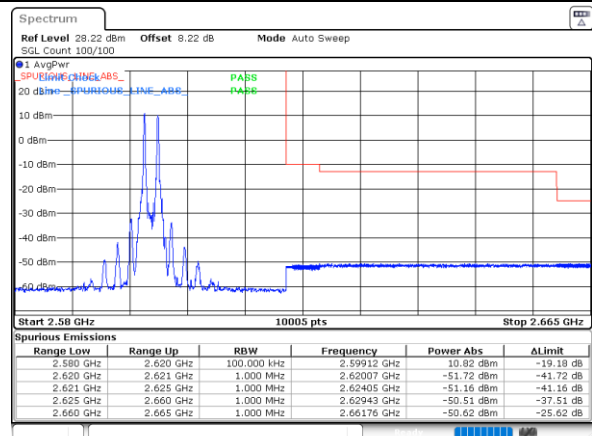
Date: 10, JAN, 2023 22:15:09

Lowest Band Edge / 1RB99 and 1RB0



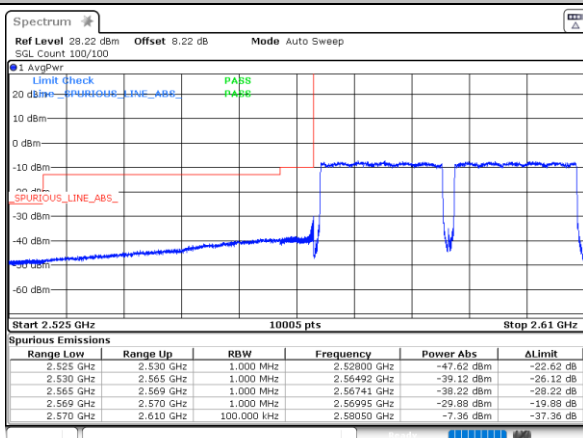
Date: 10, JAN, 2023 22:10:04

Highest Band Edge / 1RB99 and 1RB0



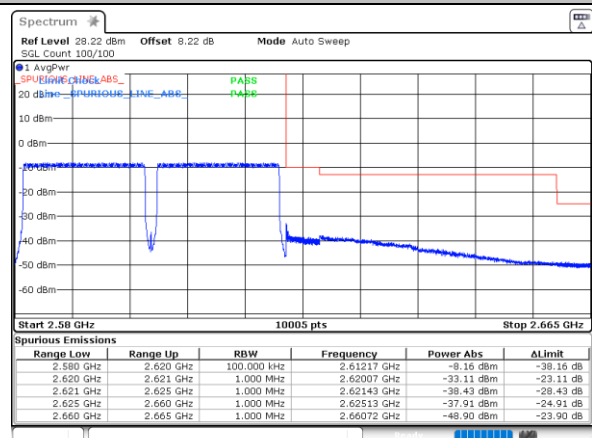
Date: 10, JAN, 2023 22:16:10

Lowest Band Edge / Full RB



Date: 10, JAN, 2023 22:17:48

Highest Band Edge / Full RB



Date: 10, JAN, 2023 22:13:22



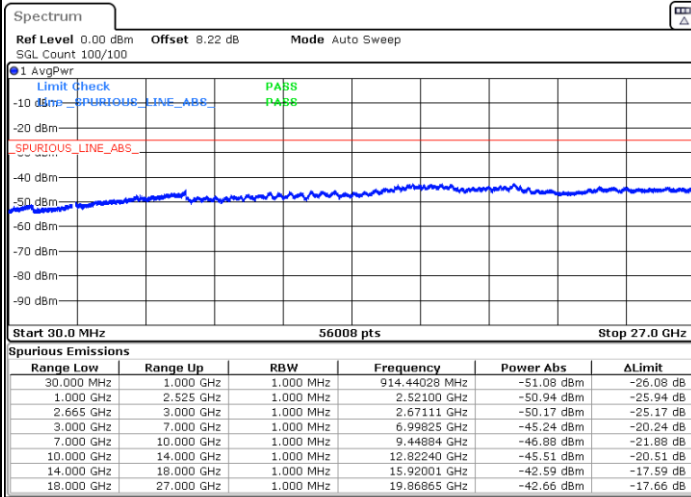
Conducted Spurious Emission

LTE Band 38C / 15MHz+15MHz

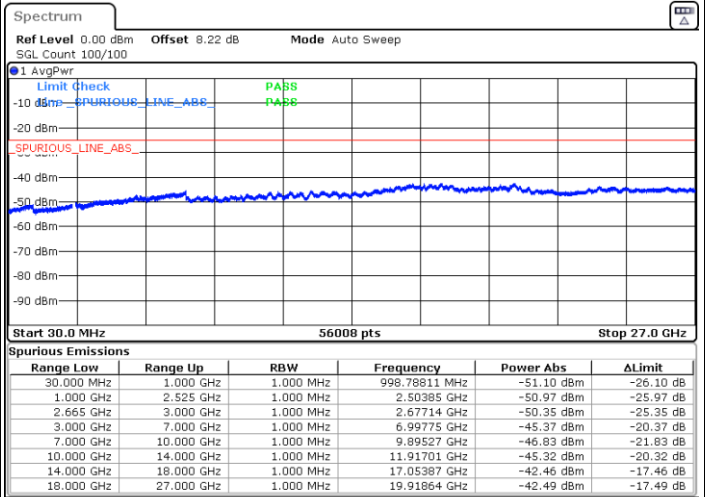
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



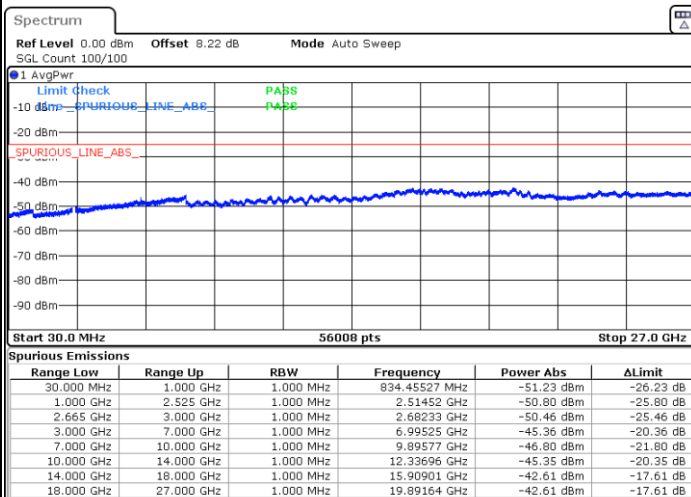
Date: 9, JAN, 2023 22:39:09



Date: 9, JAN, 2023 22:40:44

Highest Channel / 1RB74 and 1RB0

N/A



Date: 9, JAN, 2023 22:42:20

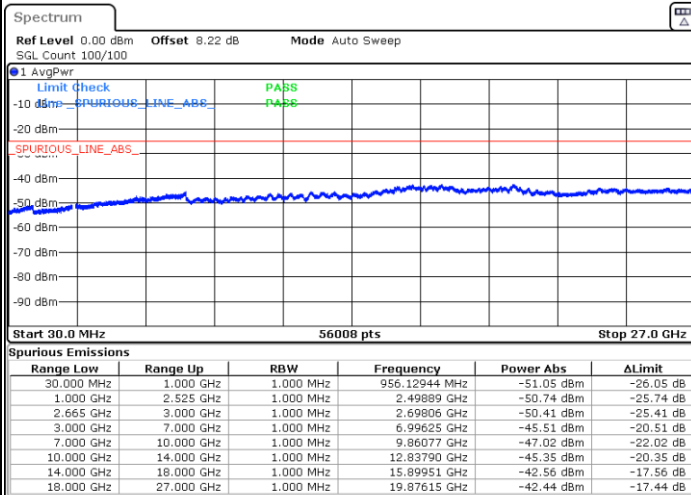


LTE Band 38C / 20MHz+20MHz

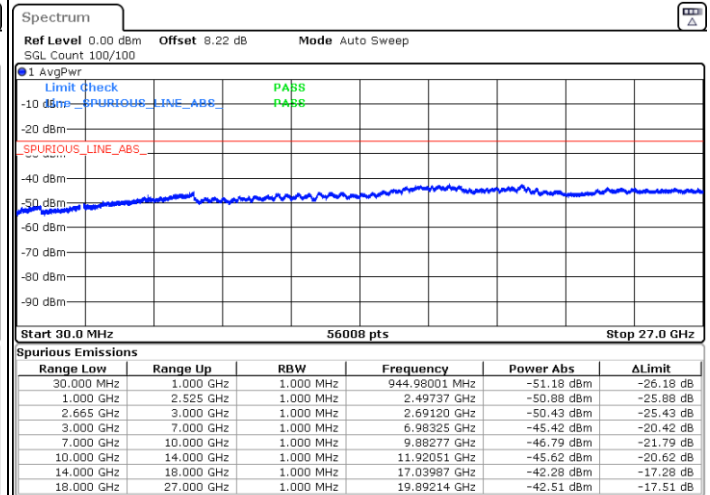
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



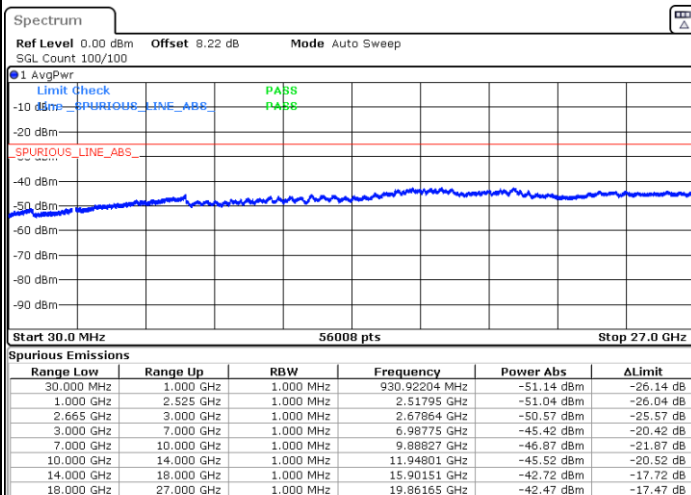
Date: 9.JAN.2023 23:07:54



Date: 9.JAN.2023 23:09:29

Highest Channel / 1RB99 and 1RB0

N/A



Date: 9.JAN.2023 23:11:05

**Frequency Stability**

Test Conditions		LTE Band 38C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0039	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0021	

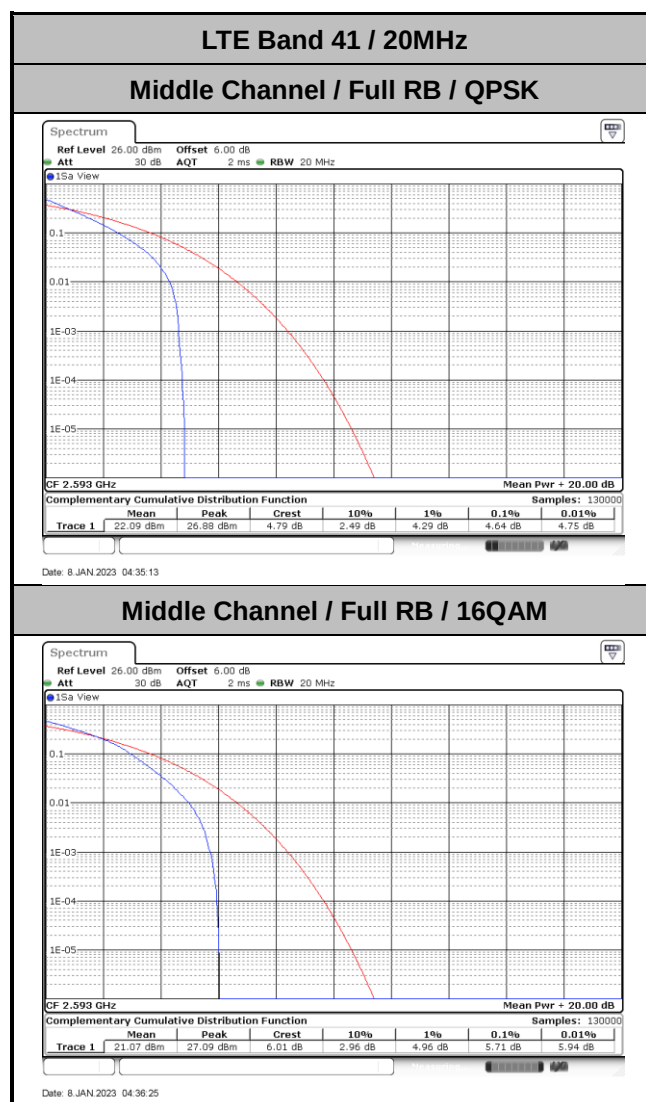
Note:

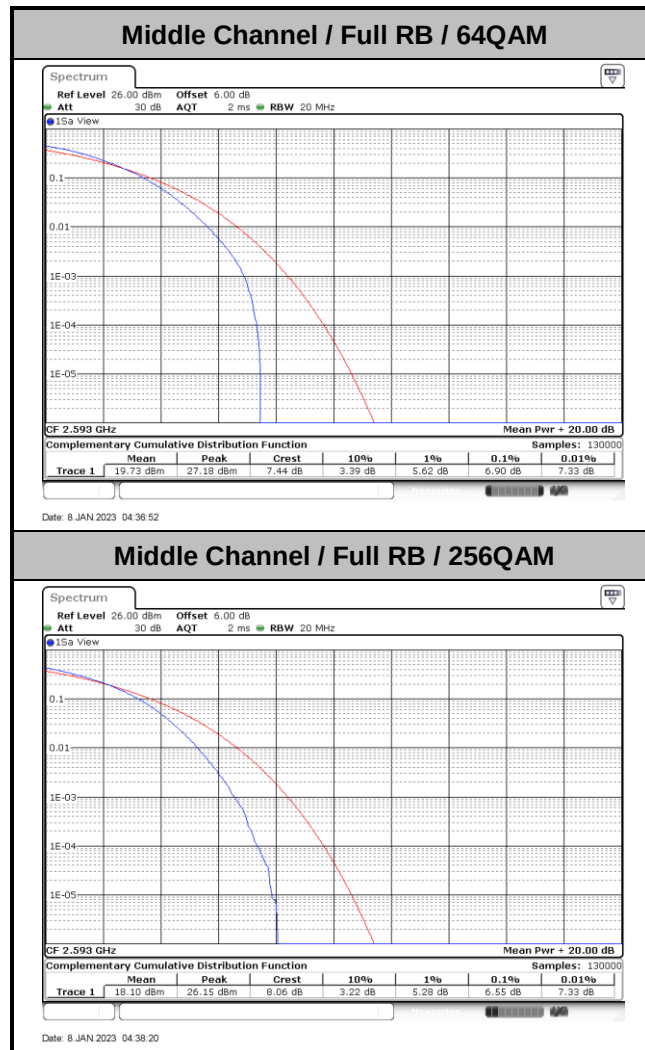
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 41

Peak-to-Average Ratio

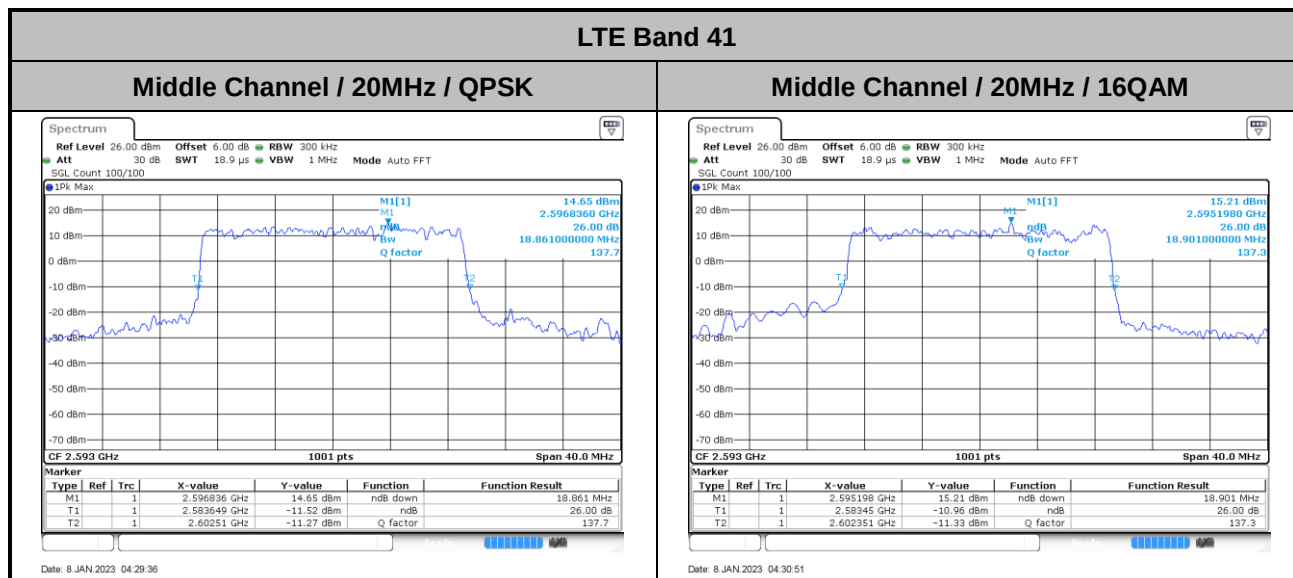
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.64	5.71	6.90	6.55	PASS





**26dB Bandwidth**

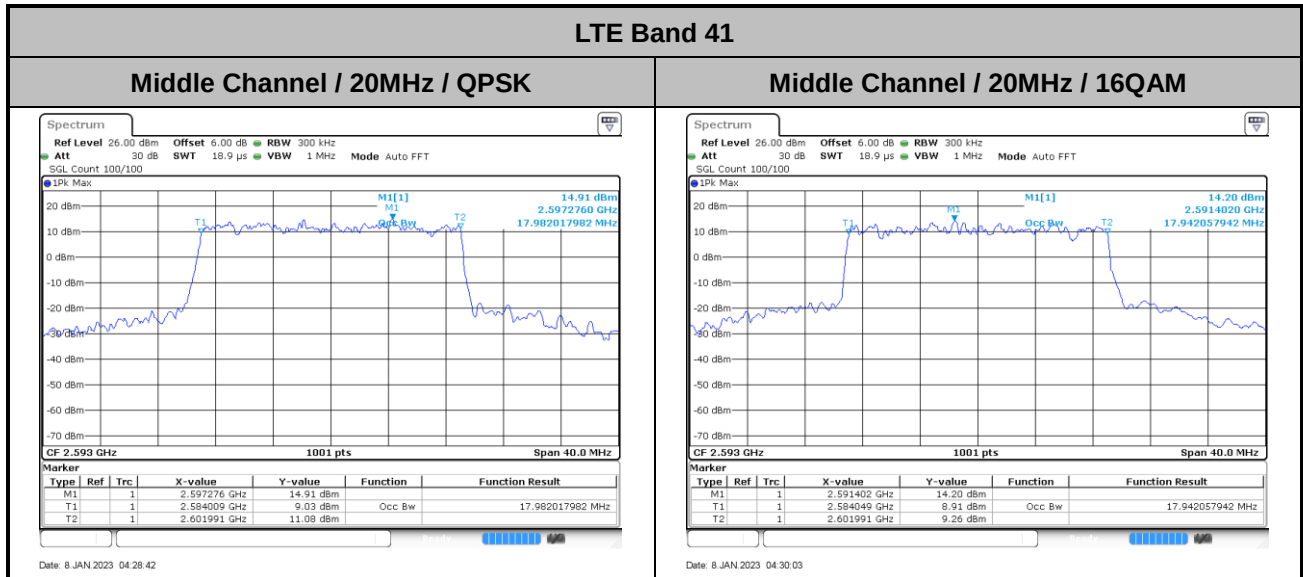
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.86	18.90





Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.98	17.94

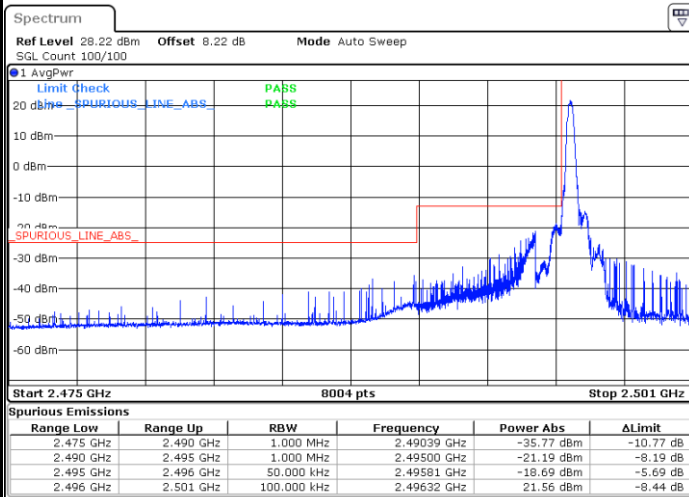




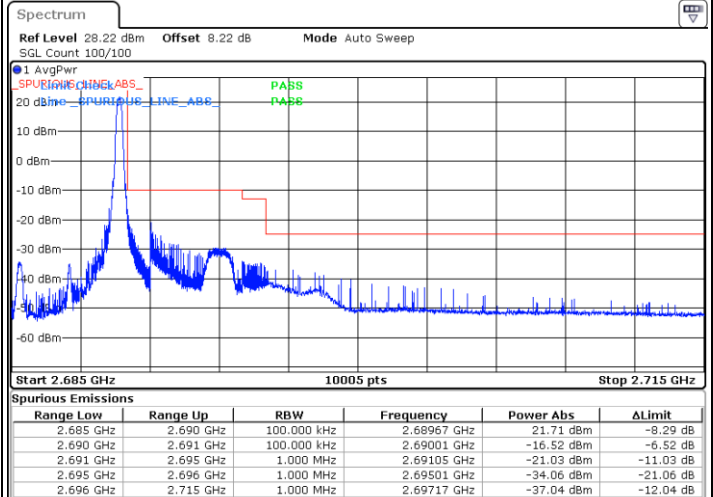
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

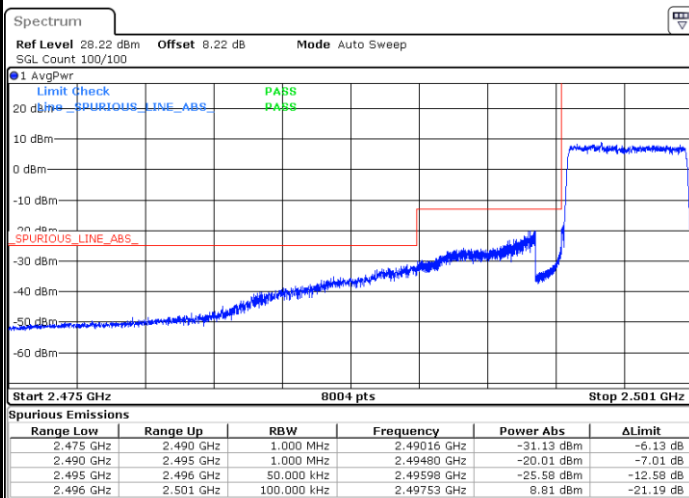
Lowest Band Edge / 1 RB



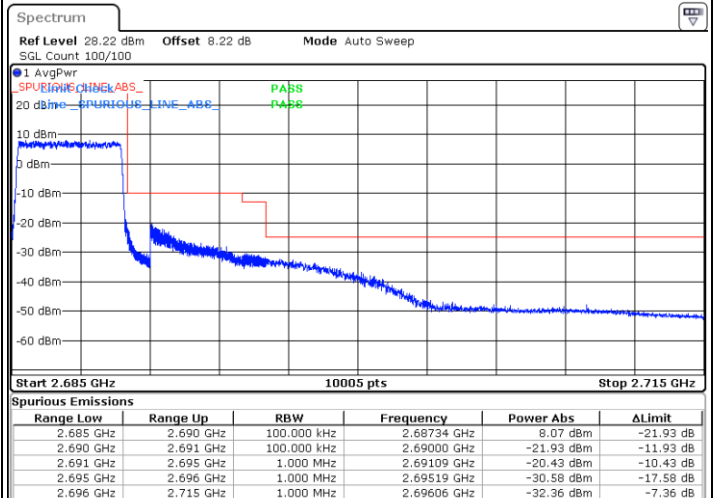
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



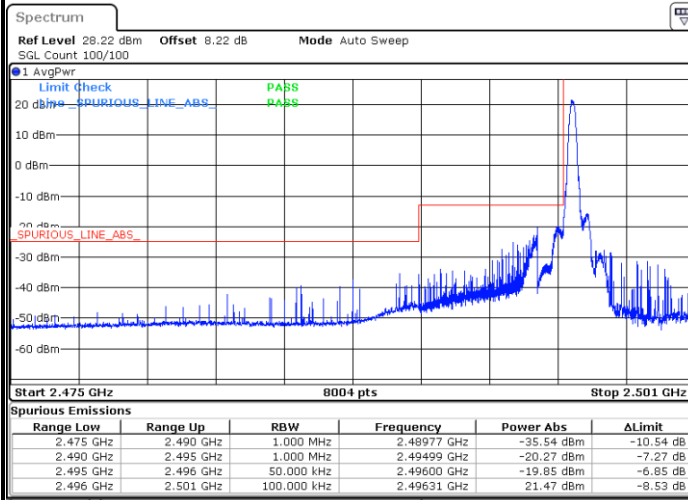
Highest Band Edge / Full RB



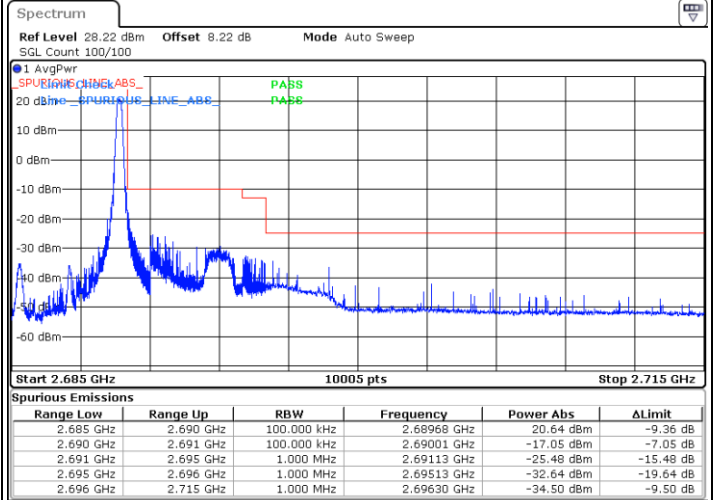


LTE Band 41 / 5MHz / 16QAM

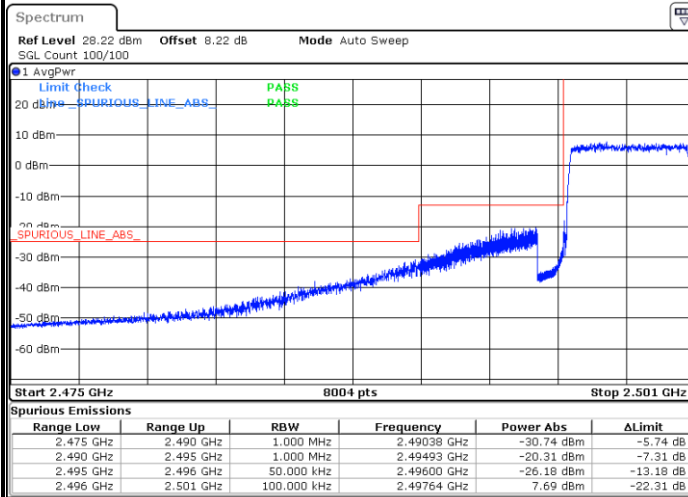
Lowest Band Edge / 1RB



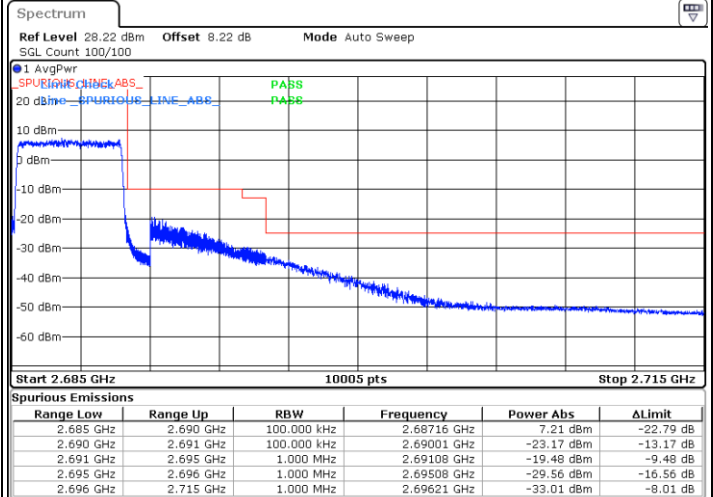
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



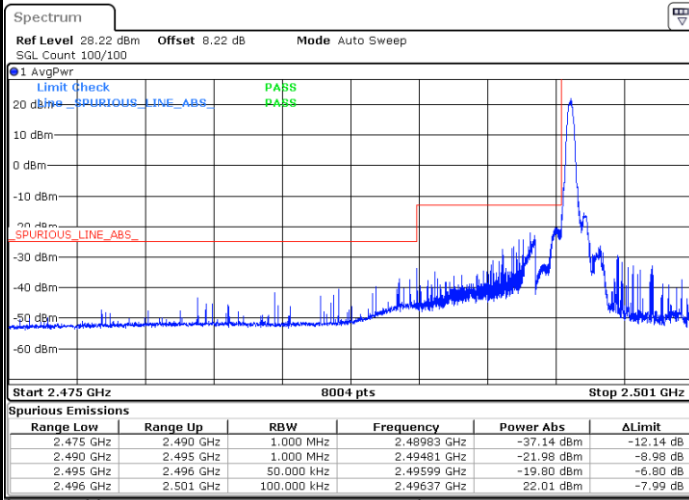
Highest Band Edge / Full RB



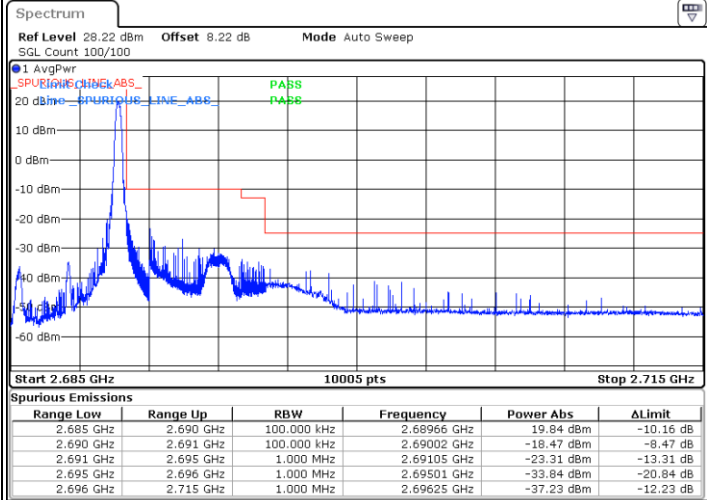


LTE Band 41 / 5MHz / 64QAM

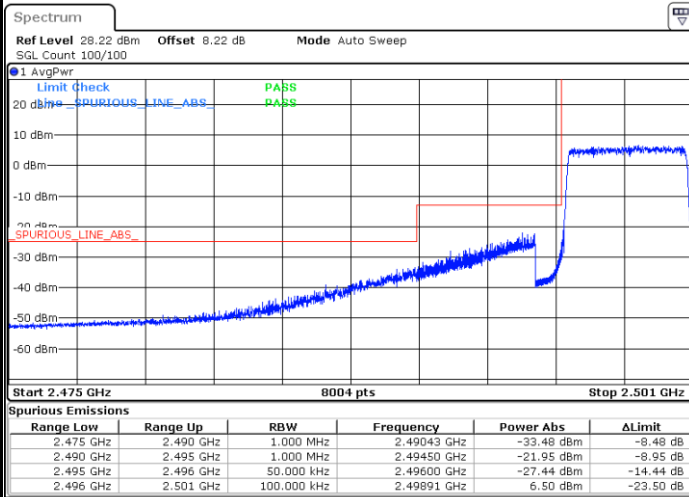
Lowest Band Edge / 1RB



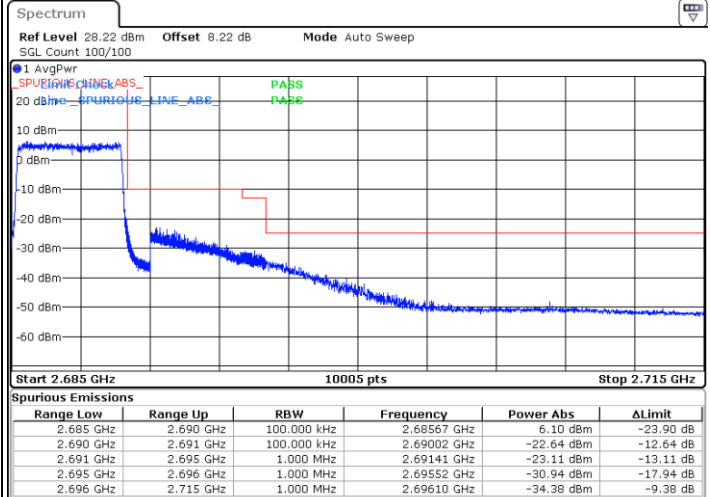
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



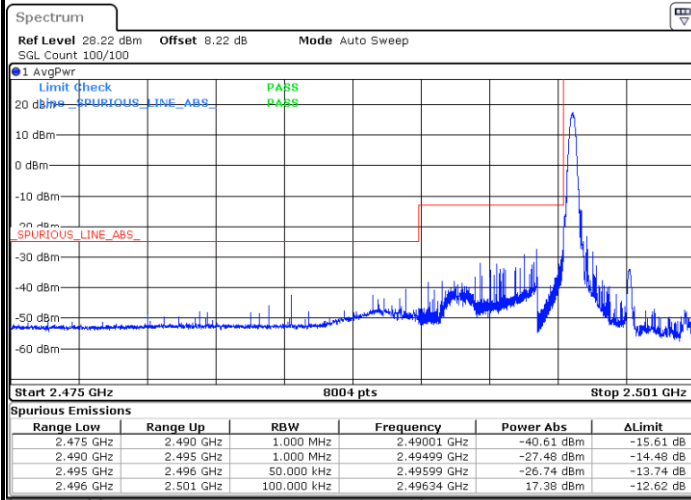
Highest Band Edge / Full RB





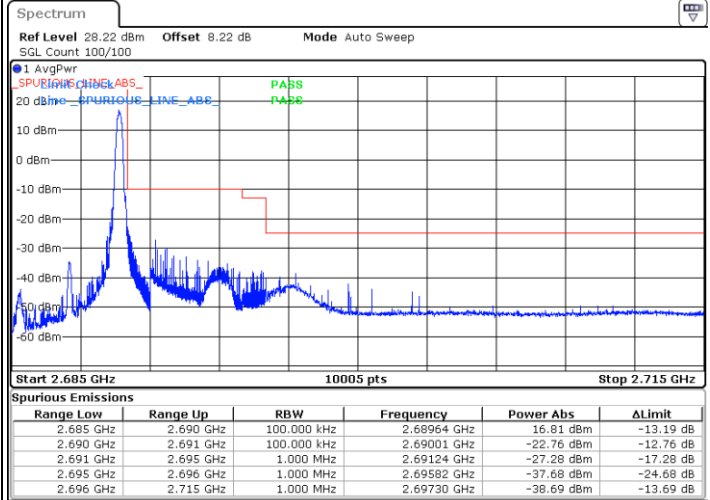
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



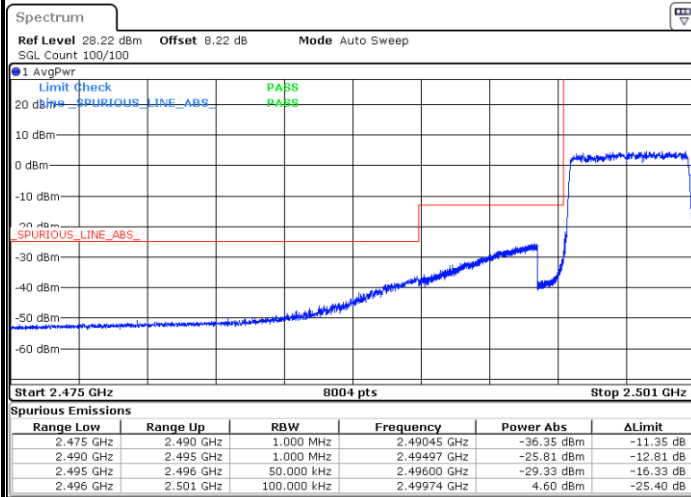
Date: 8 JAN 2023 03:06:32

Highest Band Edge / 1 RB



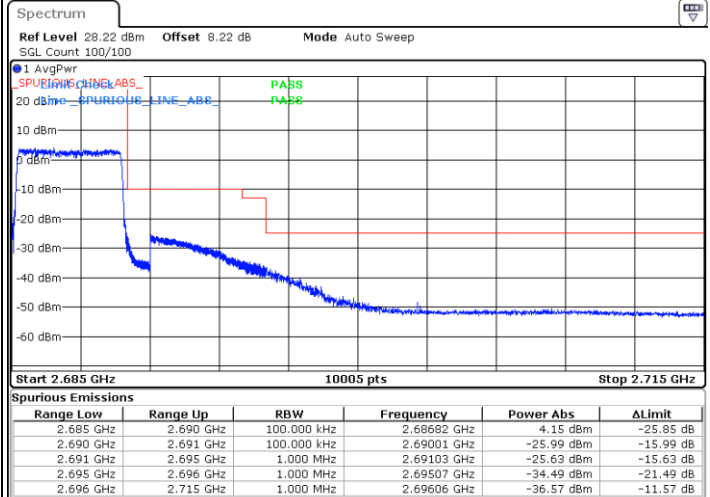
Date: 8 JAN 2023 03:22:42

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:08:15

Highest Band Edge / Full RB

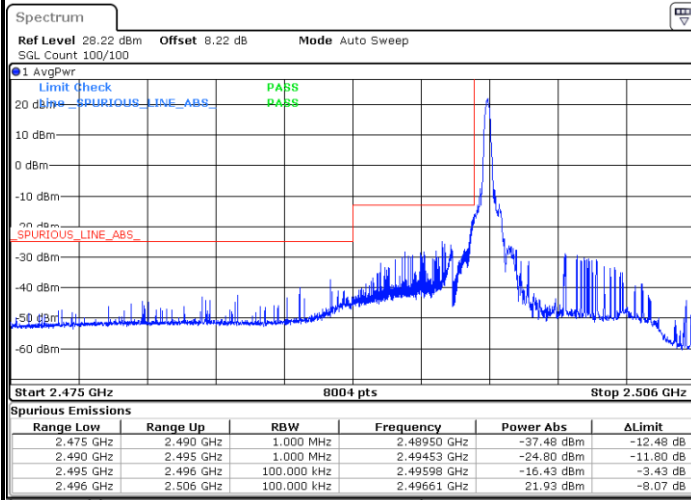


Date: 8 JAN 2023 03:25:56



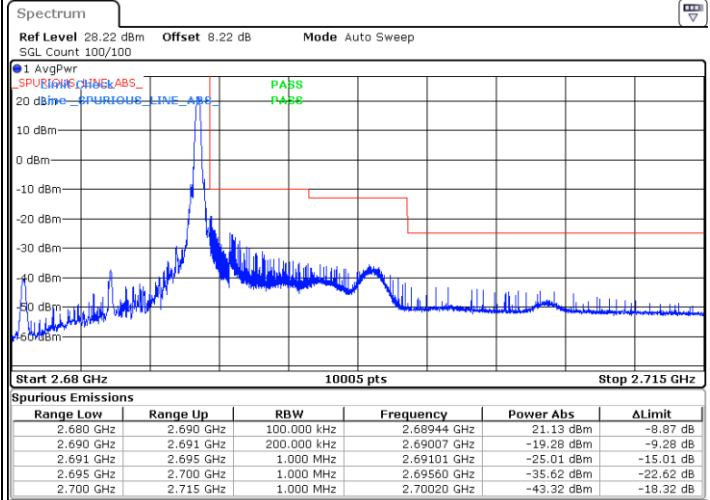
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



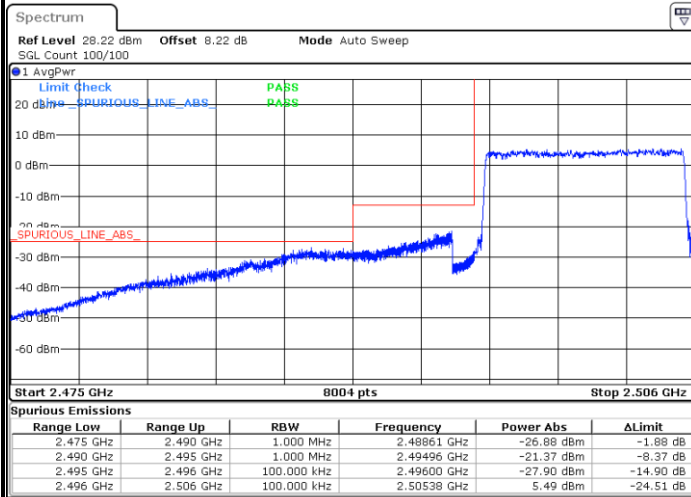
Date: 8 JAN 2023 03:32:37

Highest Band Edge / 1 RB



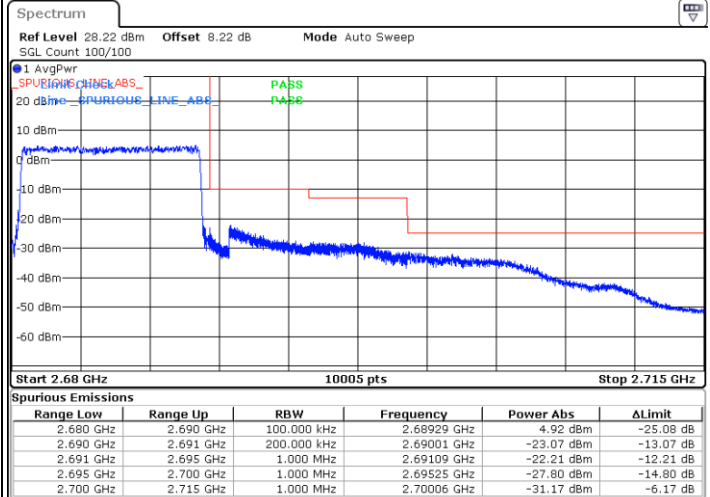
Date: 8 JAN 2023 03:43:01

Lowest Band Edge / Full RB



Date: 8 JAN 2023 03:39:30

Highest Band Edge / Full RB

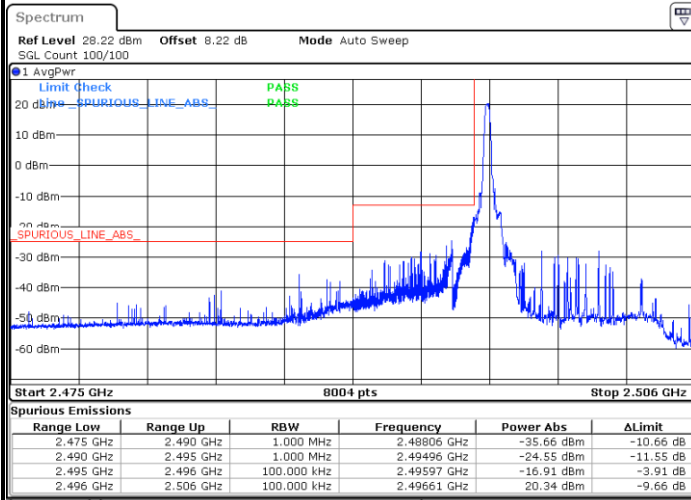


Date: 8 JAN 2023 03:49:40

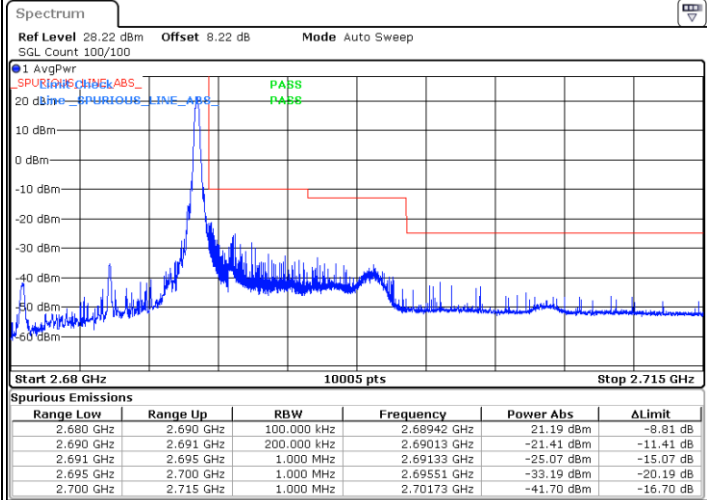


LTE Band 41 / 10MHz / 16QAM

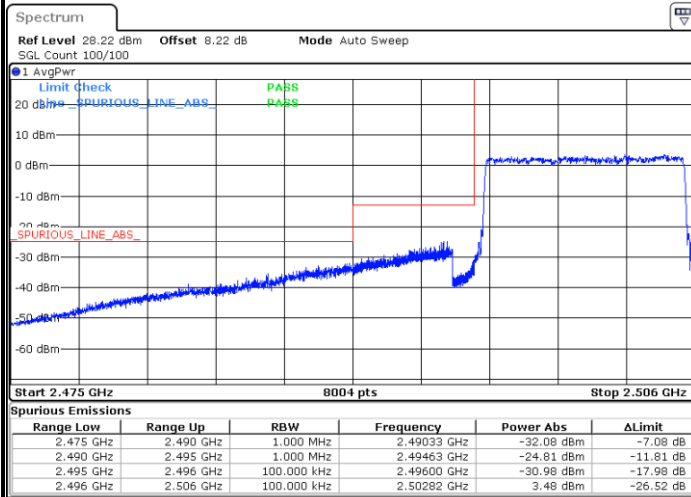
Lowest Band Edge / 1 RB



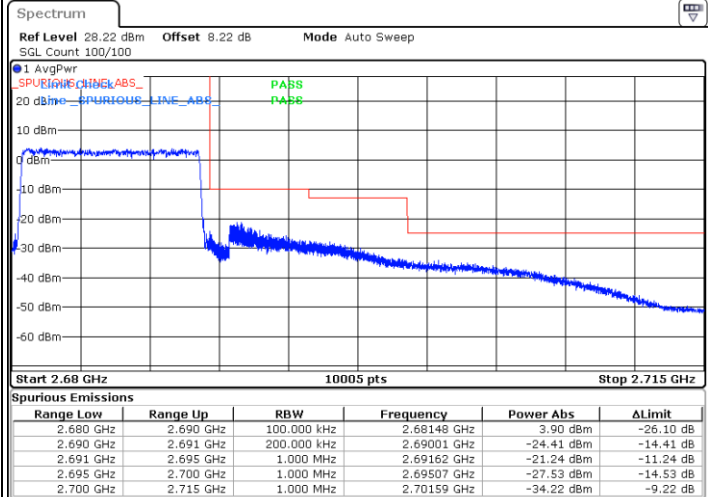
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



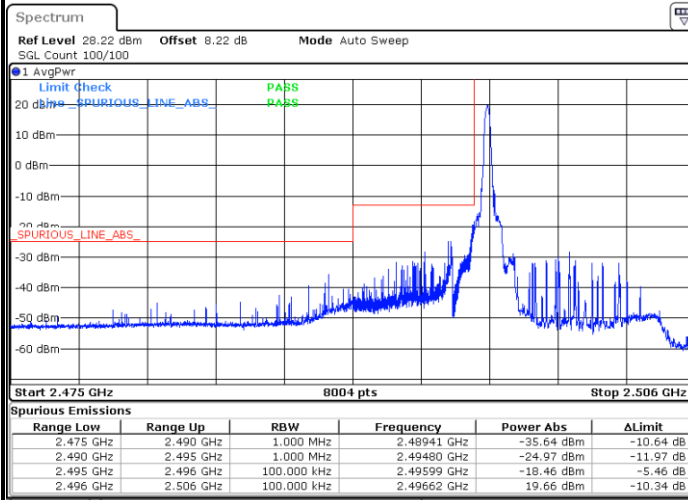
Highest Band Edge / Full RB



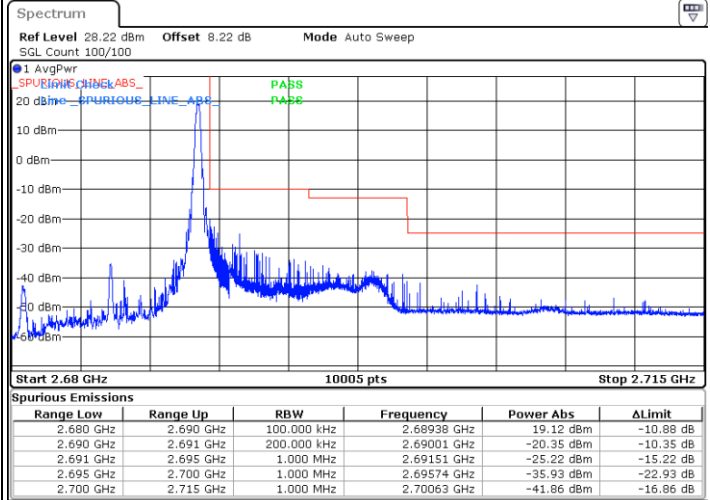


LTE Band 41 / 10MHz / 64QAM

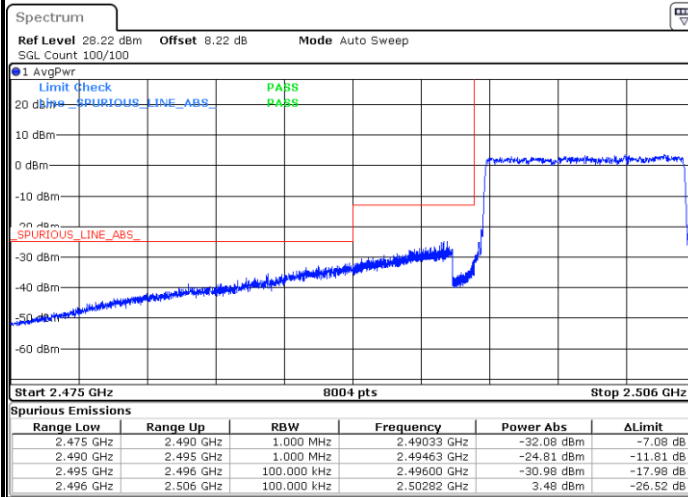
Lowest Band Edge / 1 RB



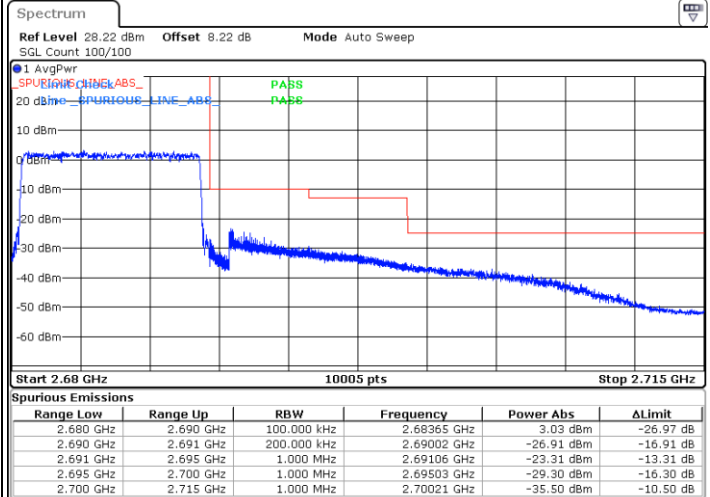
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



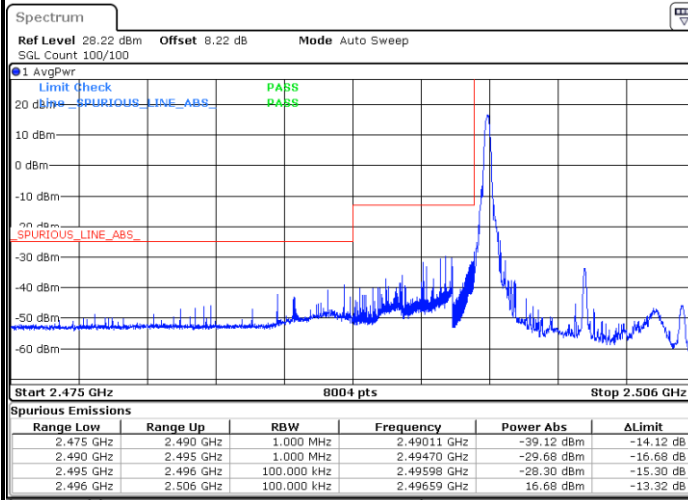
Highest Band Edge / Full RB



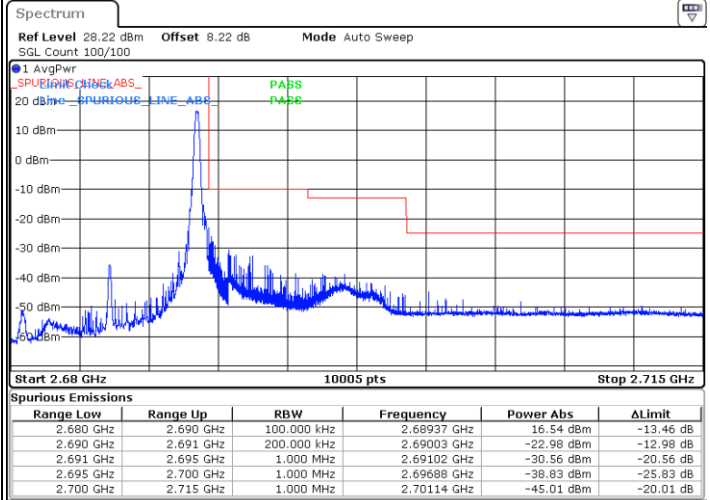


LTE Band 41 / 10MHz / 256QAM

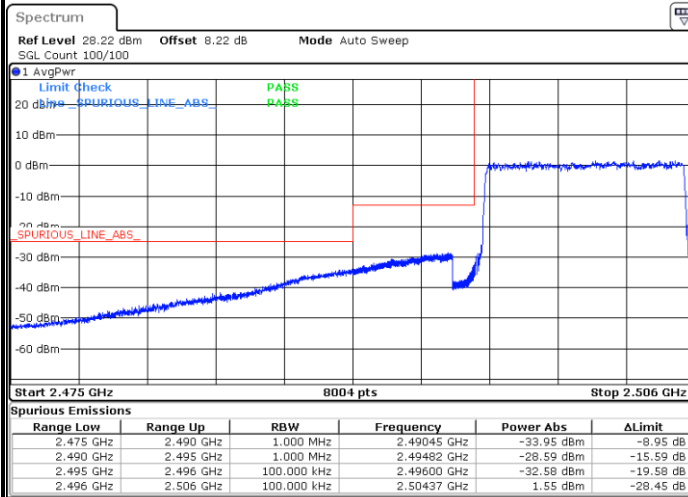
Lowest Band Edge / 1RB



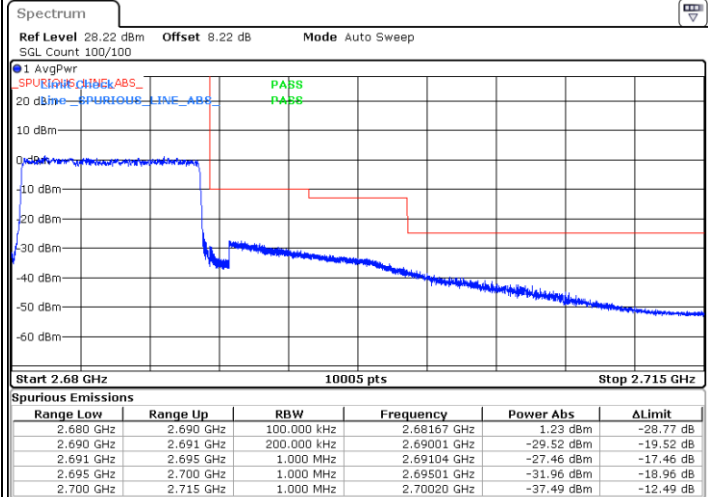
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



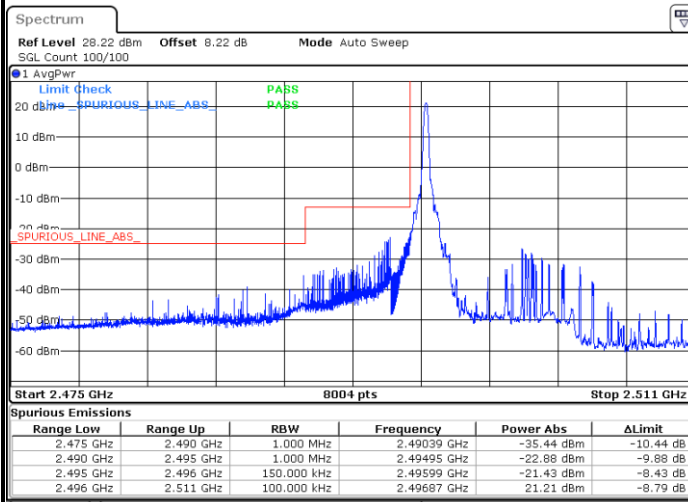
Highest Band Edge / Full RB



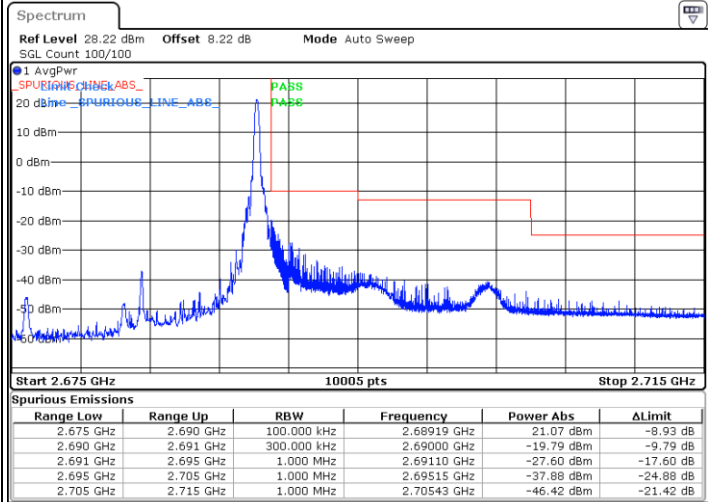


LTE Band 41 / 15MHz / QPSK

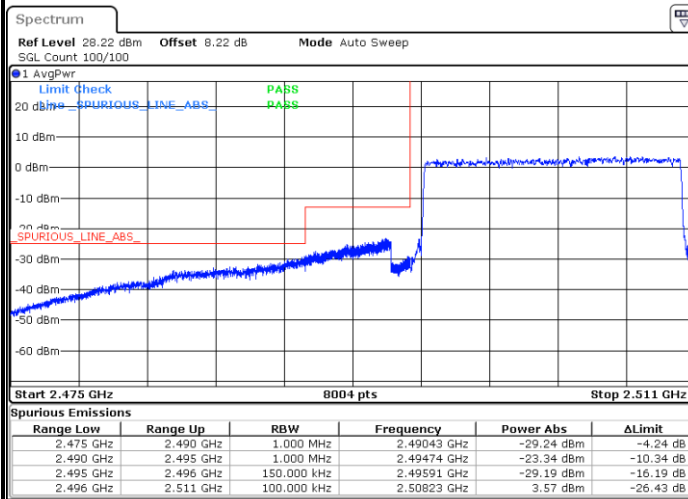
Lowest Band Edge / 1 RB



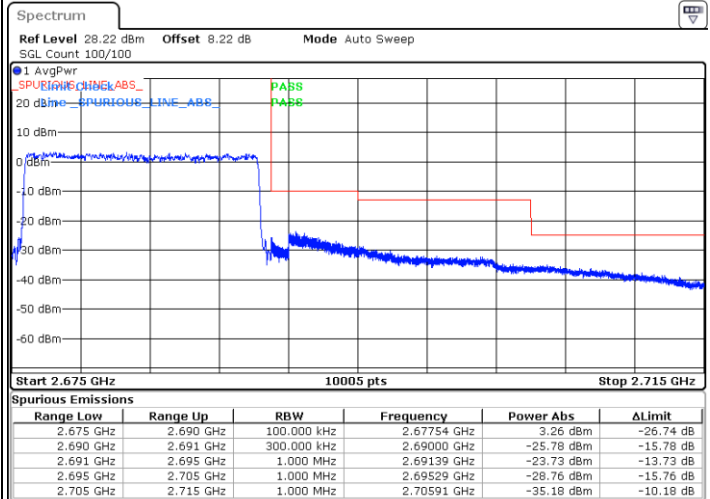
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



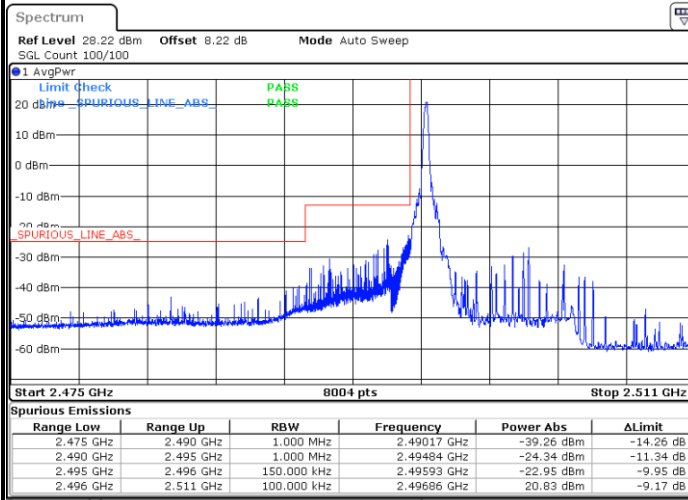
Highest Band Edge / Full RB



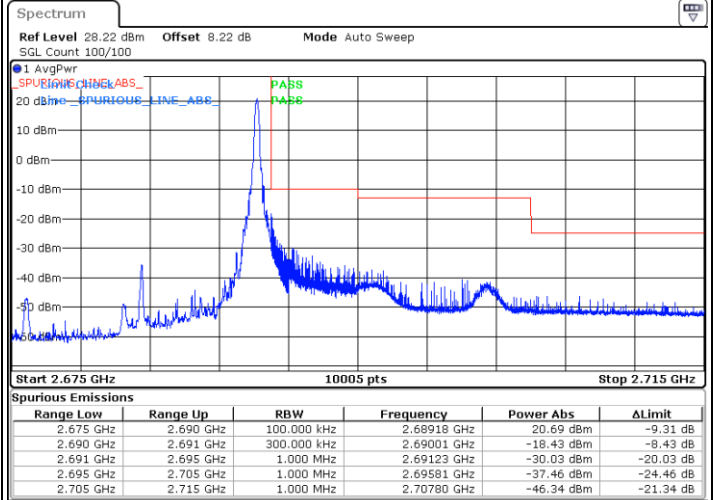


LTE Band 41 / 15MHz / 16QAM

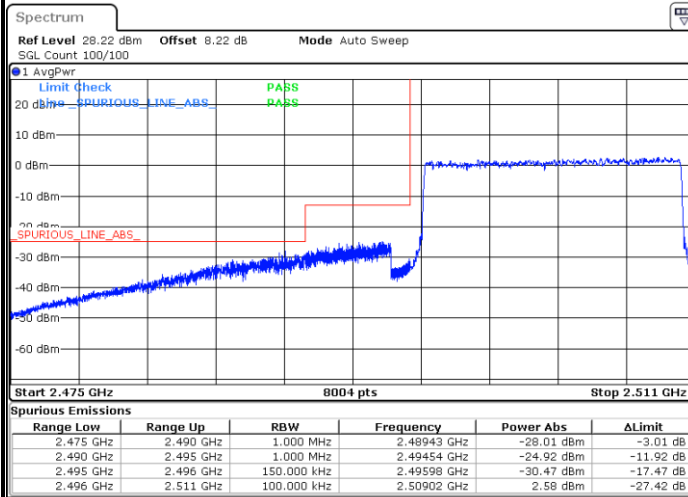
Lowest Band Edge / 1 RB



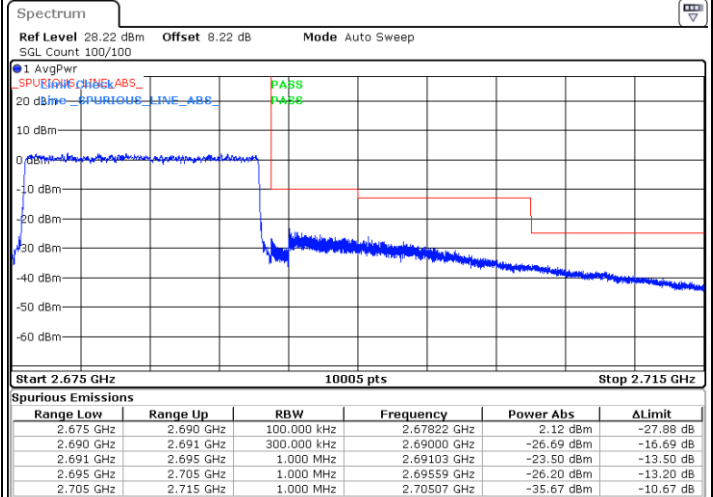
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



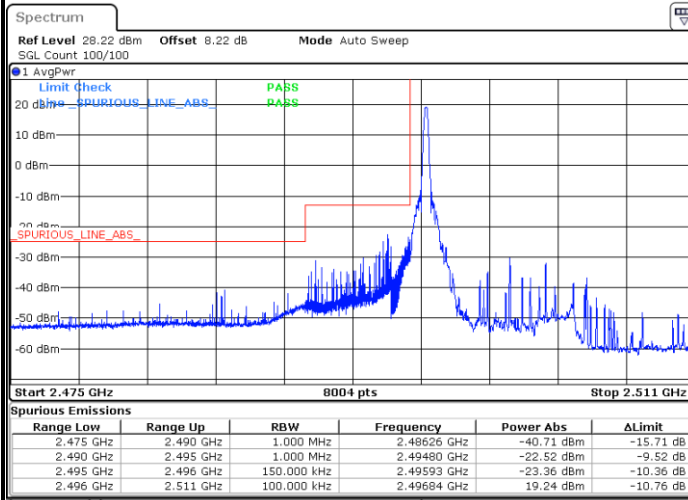
Highest Band Edge / Full RB



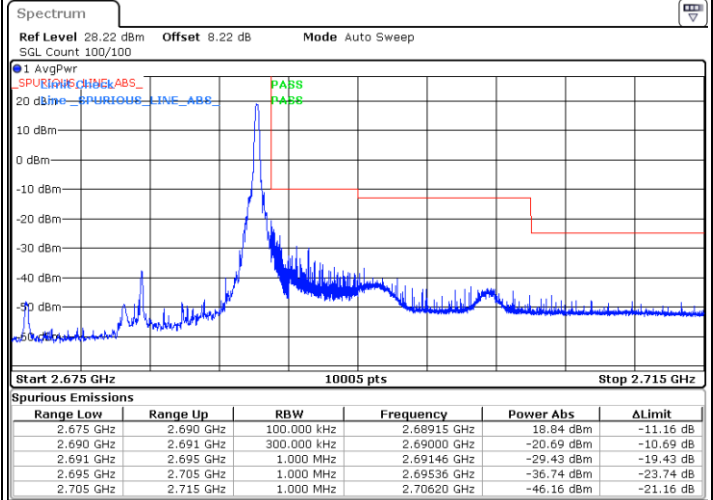


LTE Band 41 / 15MHz / 64QAM

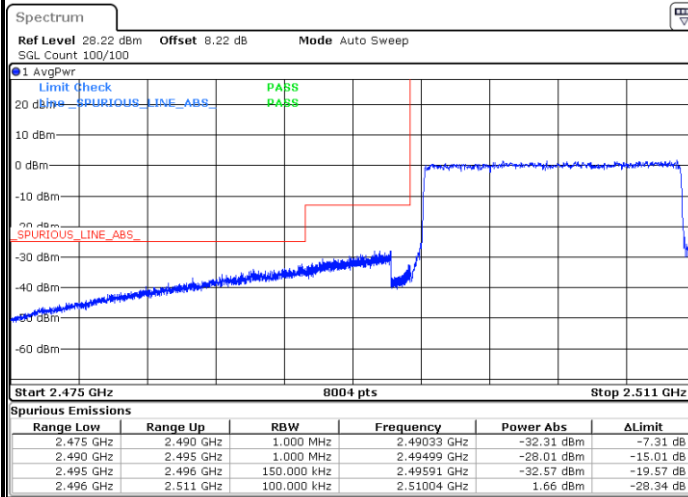
Lowest Band Edge / 1 RB



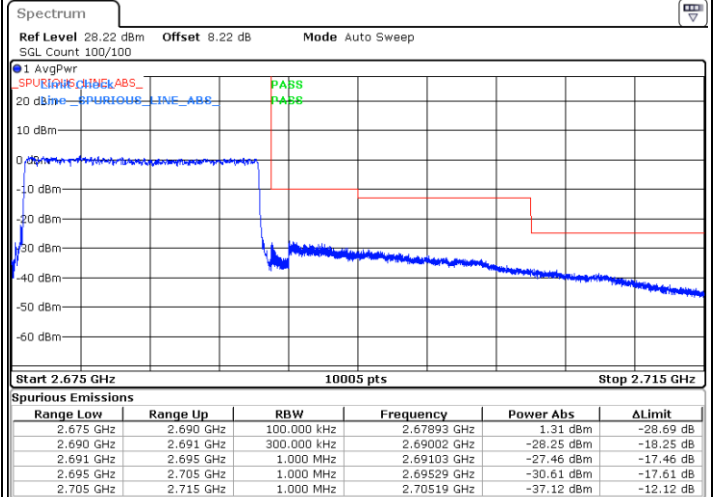
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



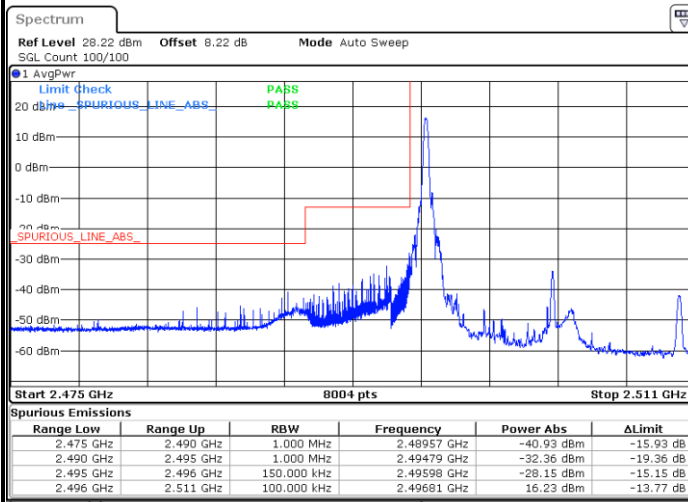
Highest Band Edge / Full RB



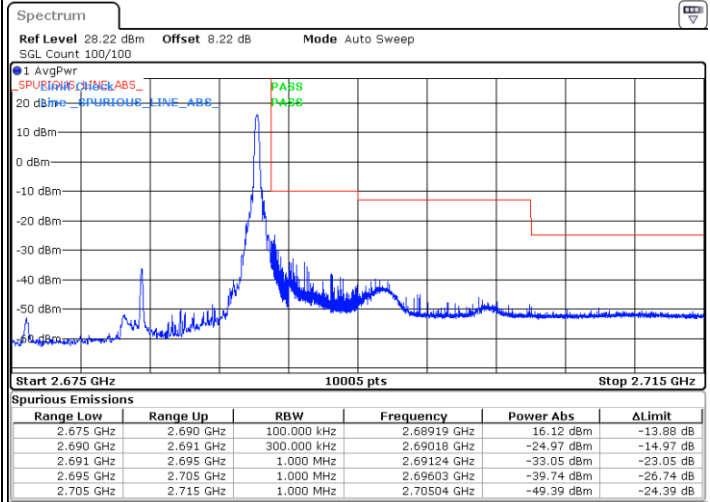


LTE Band 41 / 15MHz / 256QAM

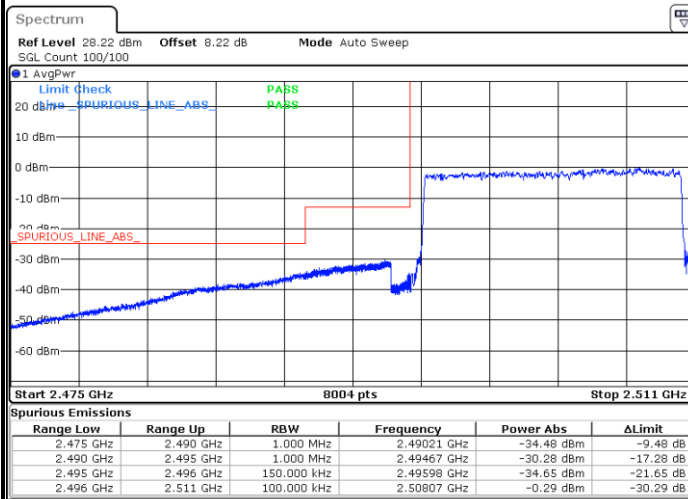
Lowest Band Edge / 1RB



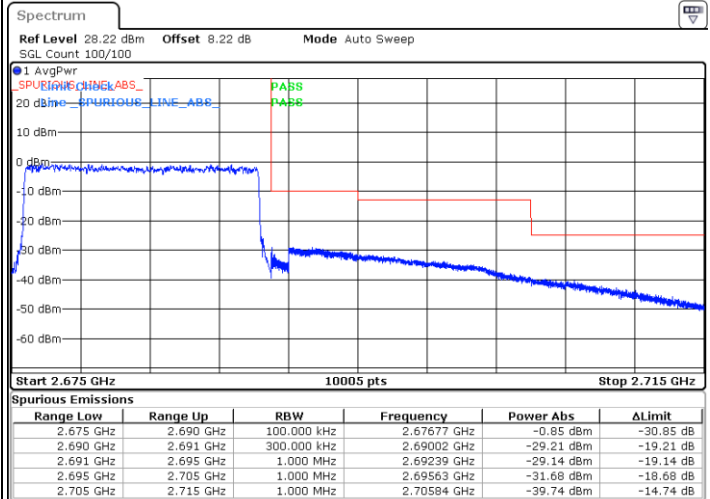
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



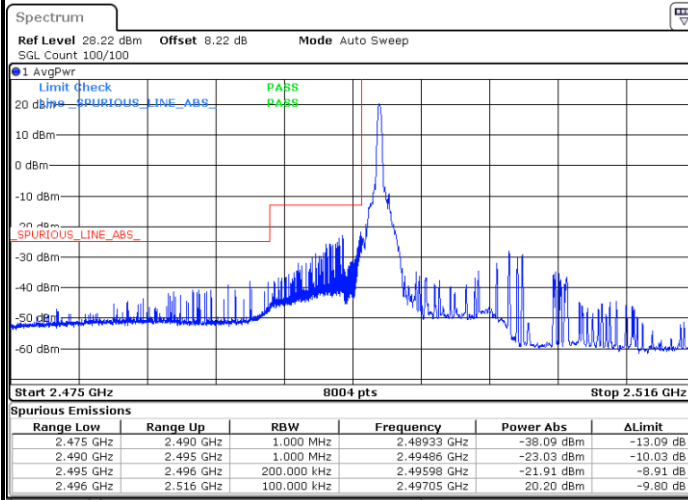
Highest Band Edge / Full RB





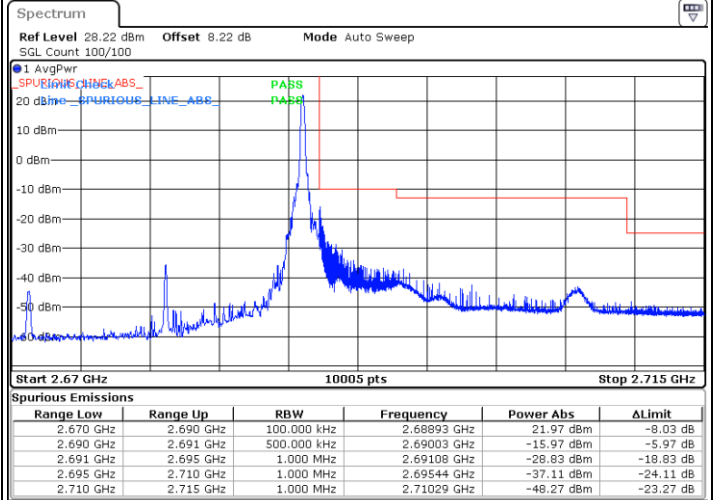
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



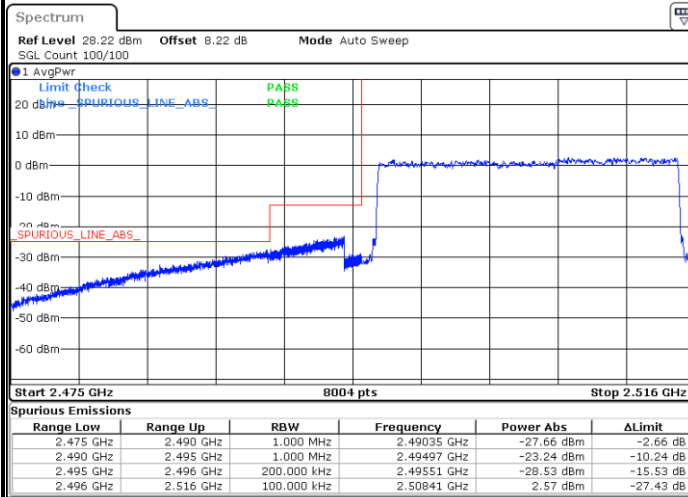
Date: 8 JAN 2023 04:10:13

Highest Band Edge / 1 RB



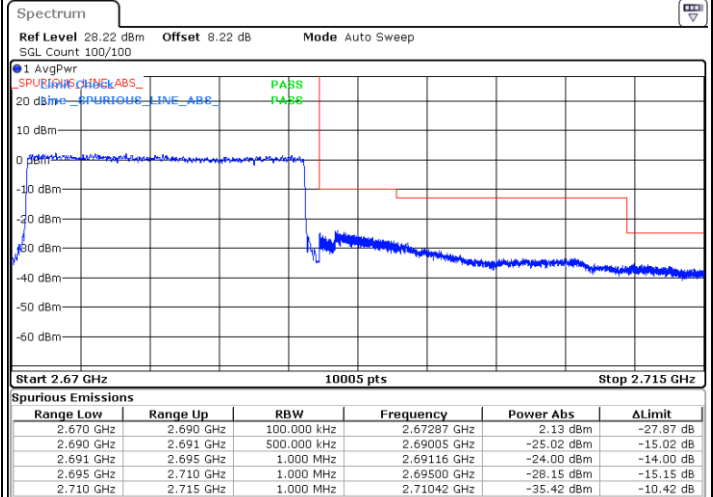
Date: 8 JAN 2023 04:21:34

Lowest Band Edge / Full RB



Date: 8 JAN 2023 04:18:03

Highest Band Edge / Full RB

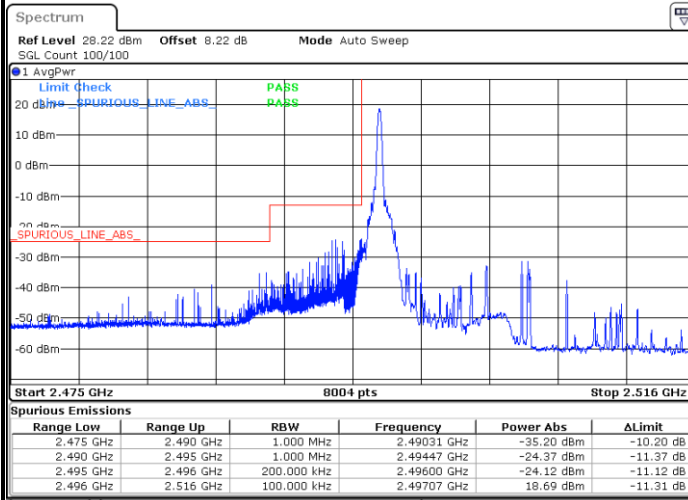


Date: 8 JAN 2023 04:27:31

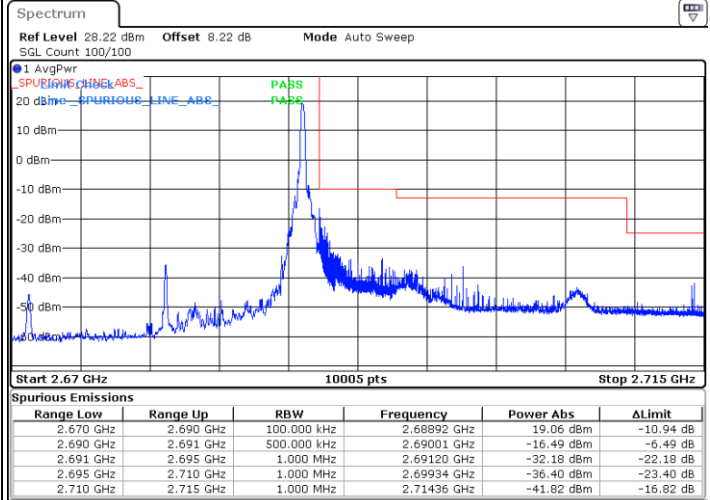


LTE Band 41 / 20MHz / 16QAM

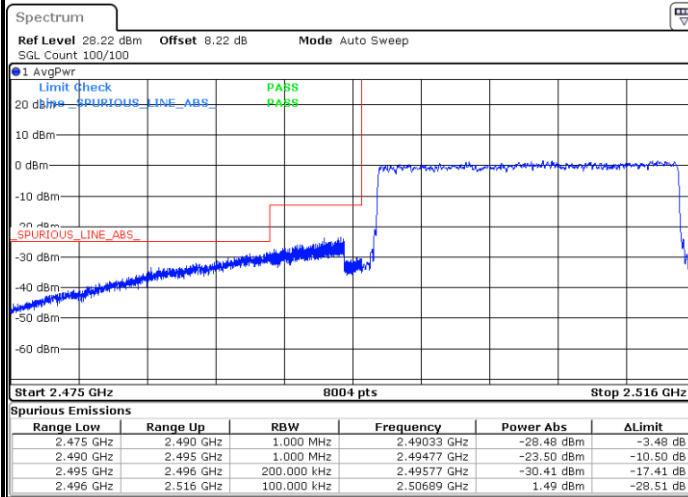
Lowest Band Edge / 1 RB



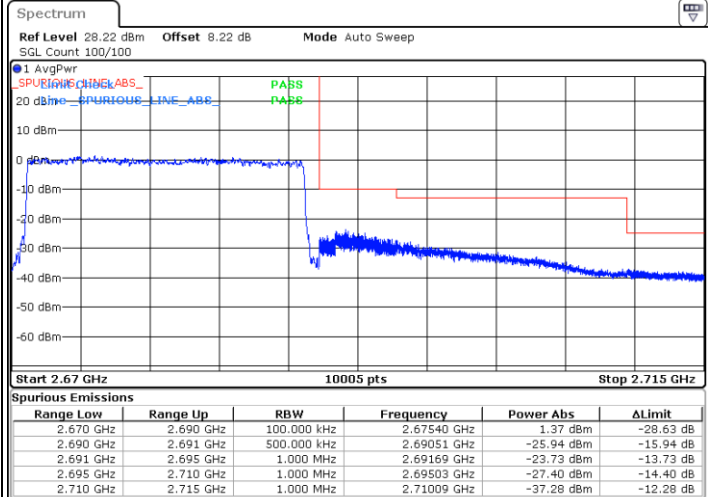
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



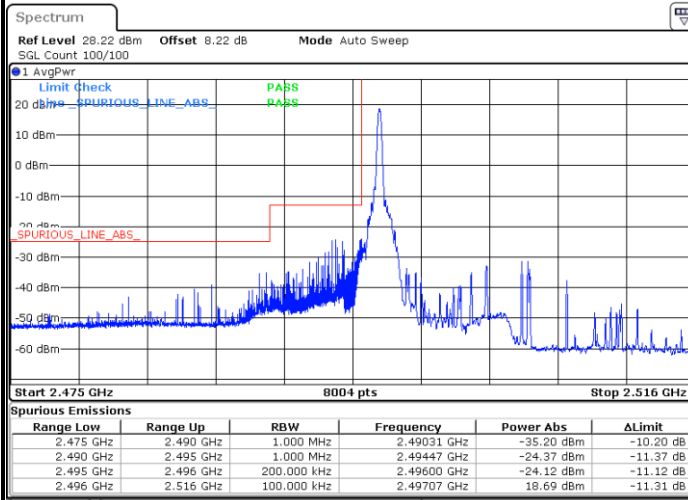
Highest Band Edge / Full RB



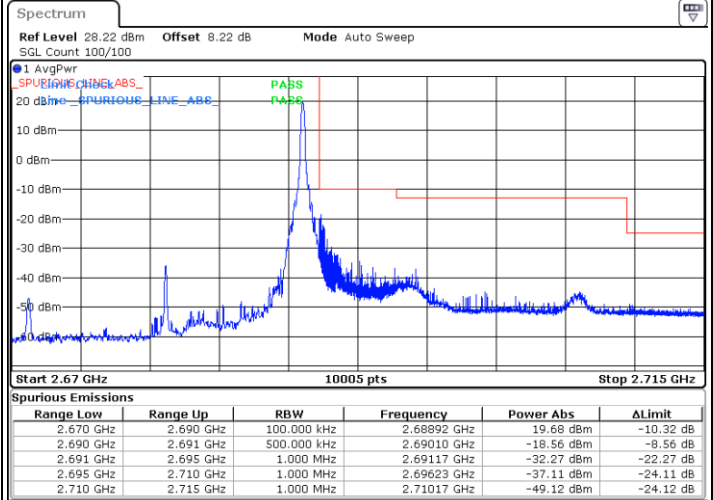


LTE Band 41 / 20MHz / 64QAM

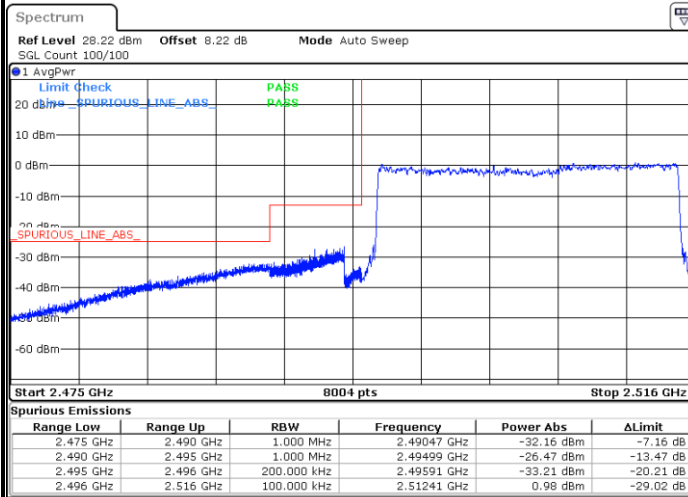
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

