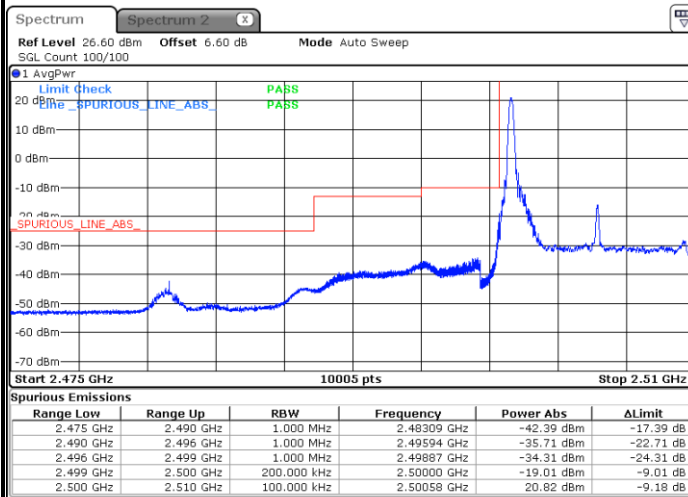


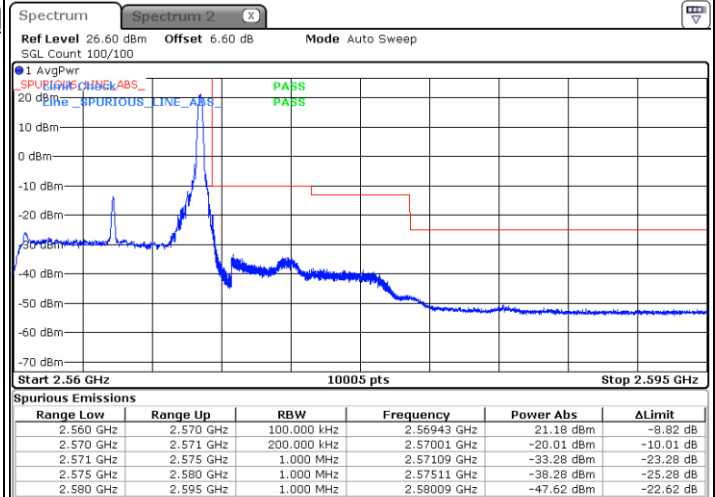


LTE Band 7 / 10MHz / 64QAM

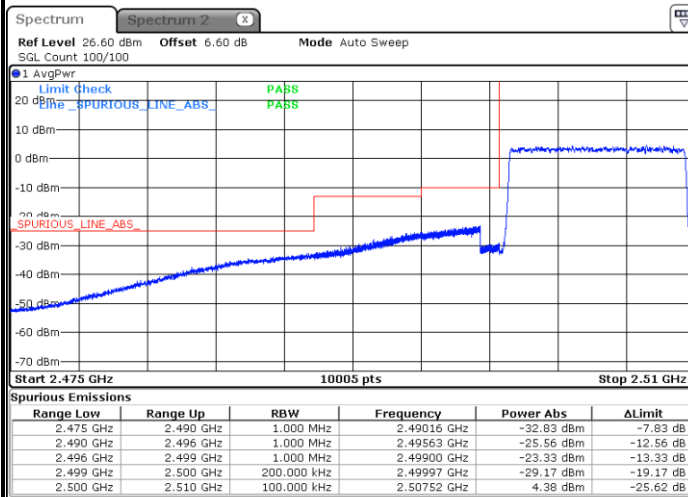
Lowest Band Edge / 1 RB



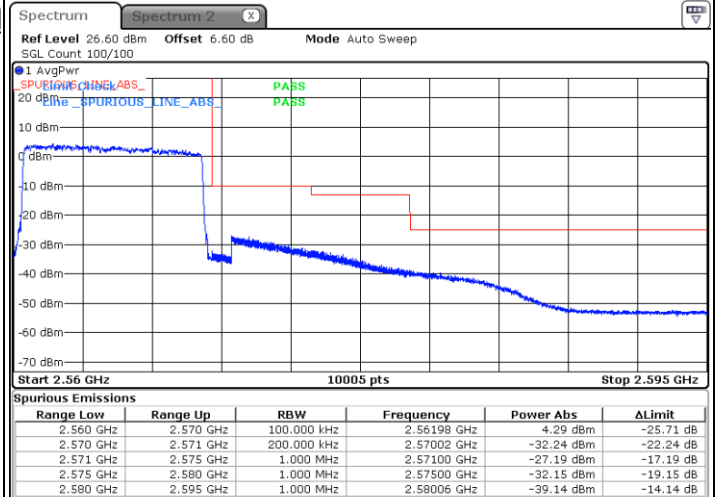
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



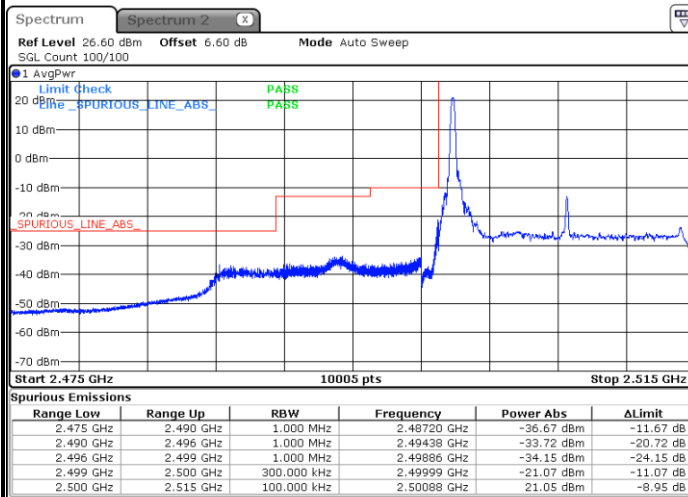
Highest Band Edge / Full RB



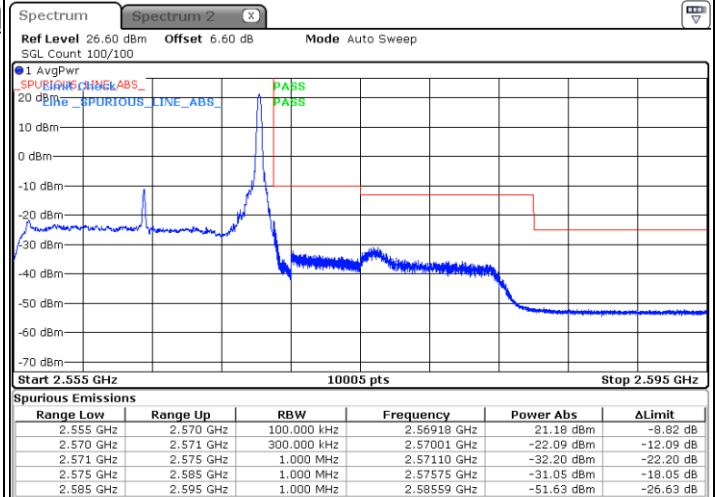


LTE Band 7 / 15MHz / QPSK

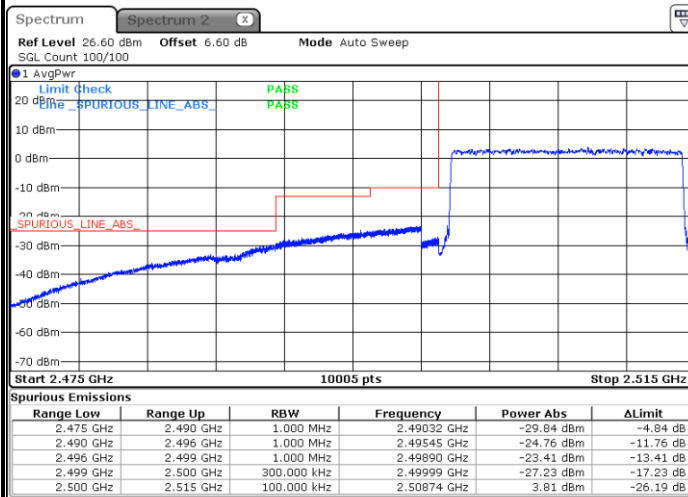
Lowest Band Edge / 1 RB



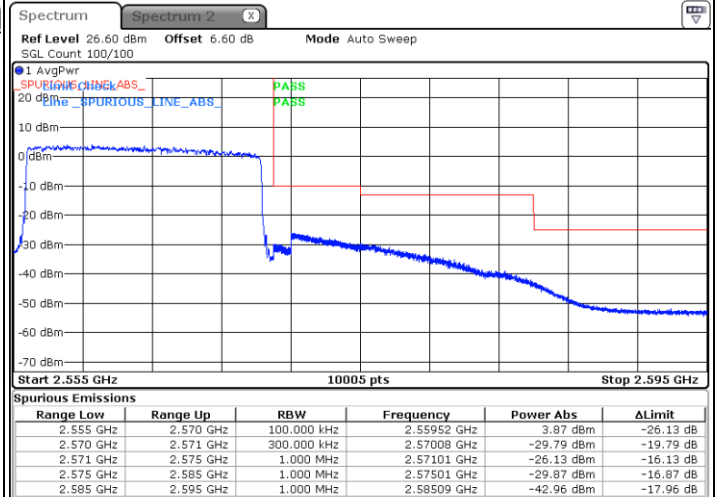
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



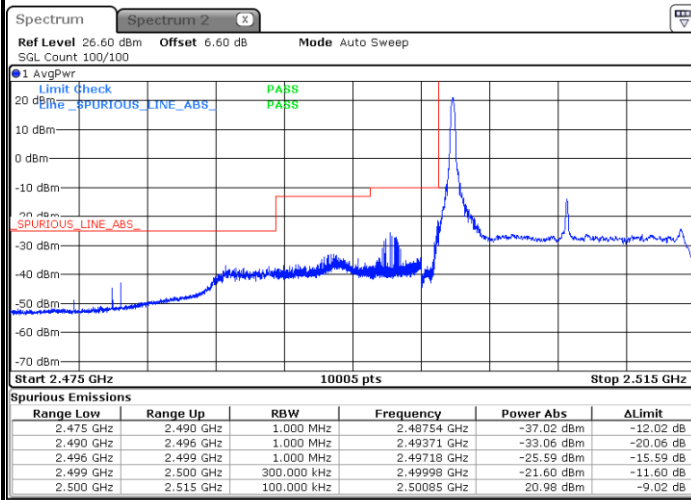
Highest Band Edge / Full RB



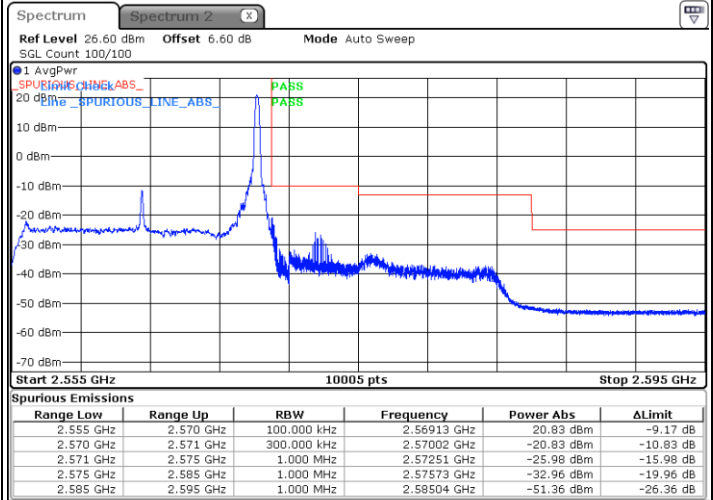


LTE Band 7 / 15MHz / 16QAM

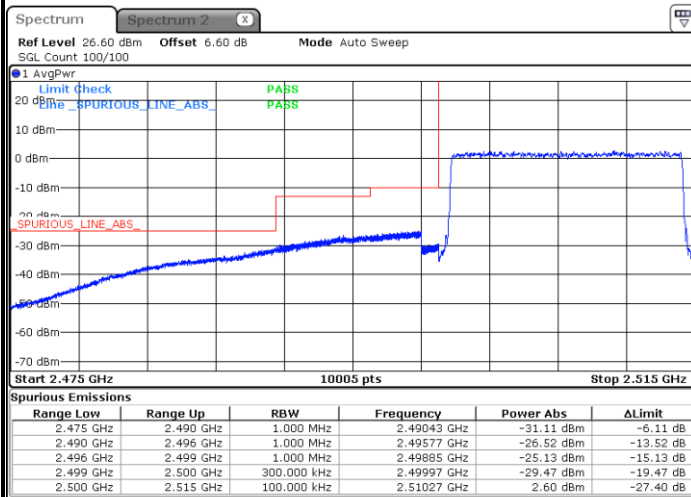
Lowest Band Edge / 1 RB



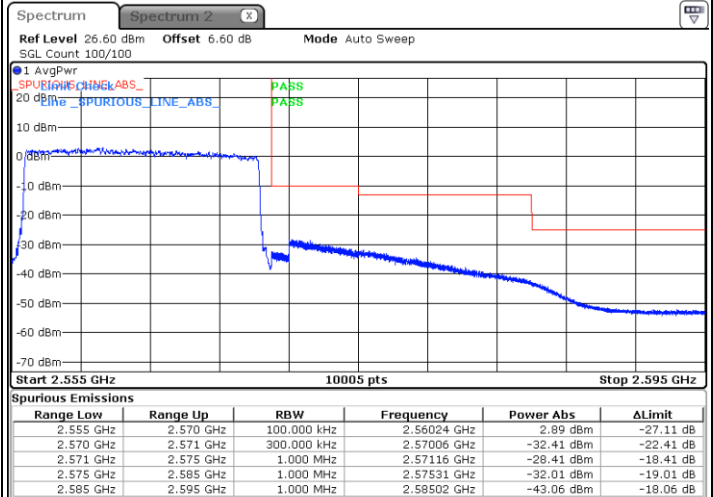
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



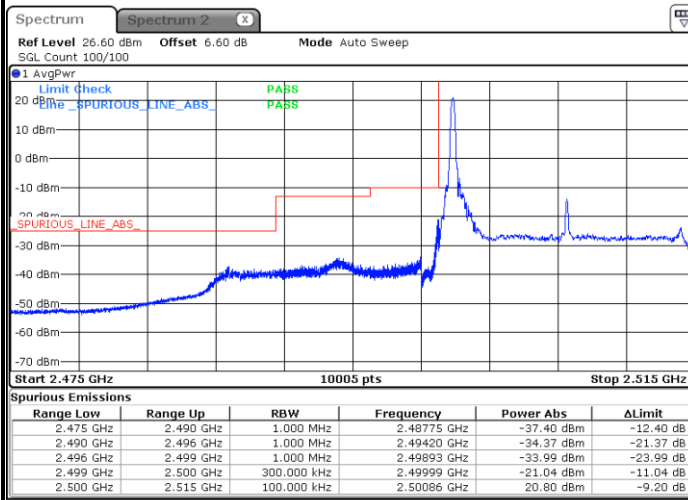
Highest Band Edge / Full RB



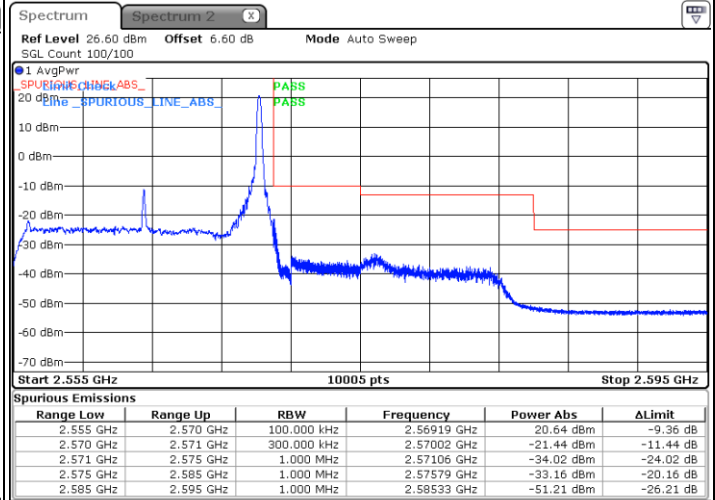


LTE Band 7 / 15MHz / 64QAM

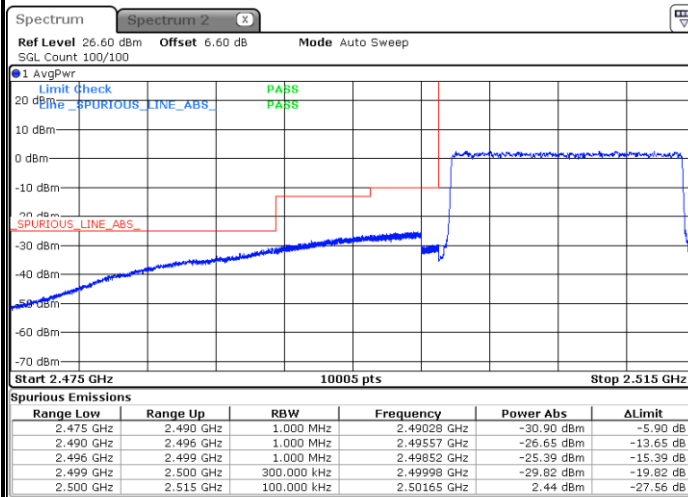
Lowest Band Edge / 1 RB



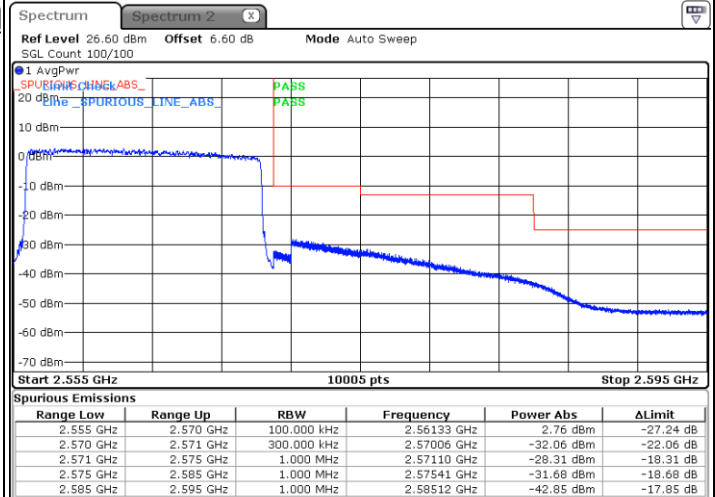
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



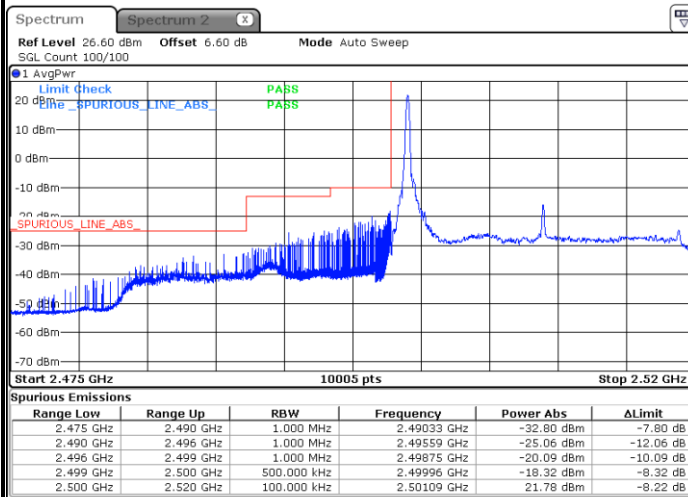
Highest Band Edge / Full RB



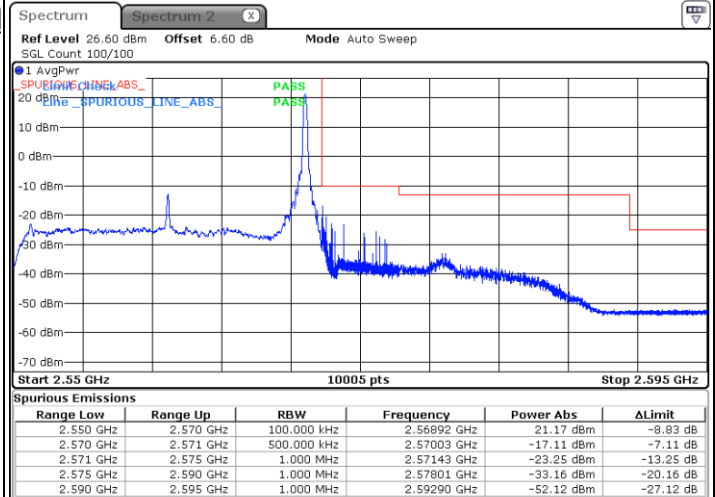


LTE Band 7 / 20MHz / QPSK

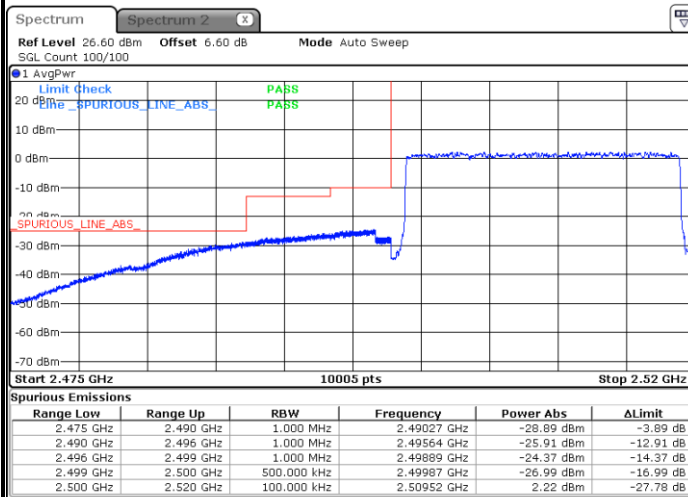
Lowest Band Edge / 1 RB



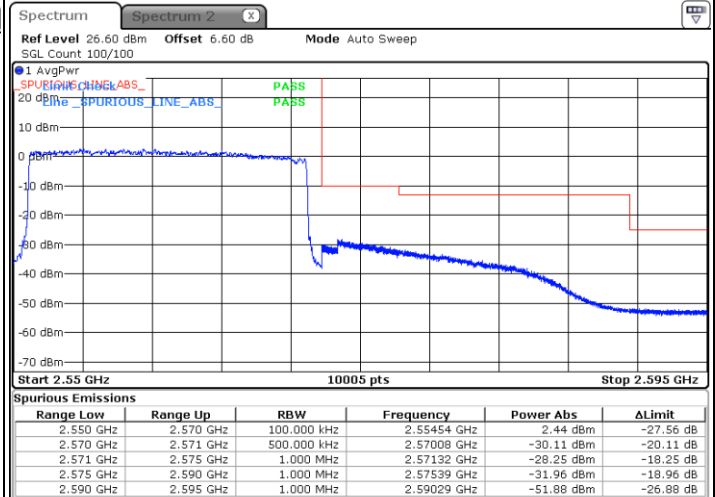
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



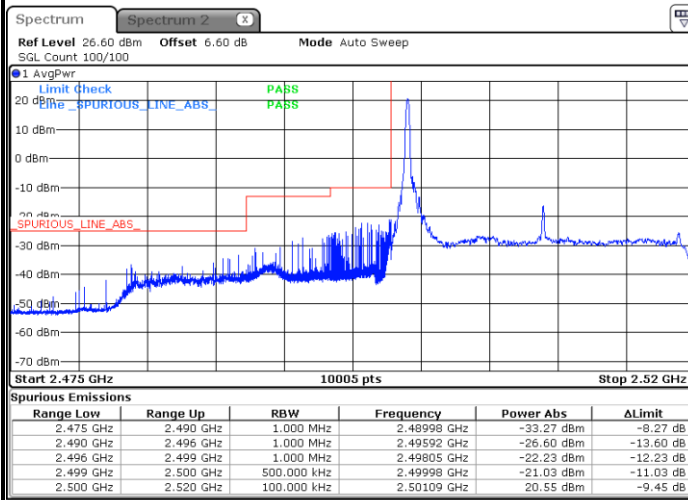
Highest Band Edge / Full RB



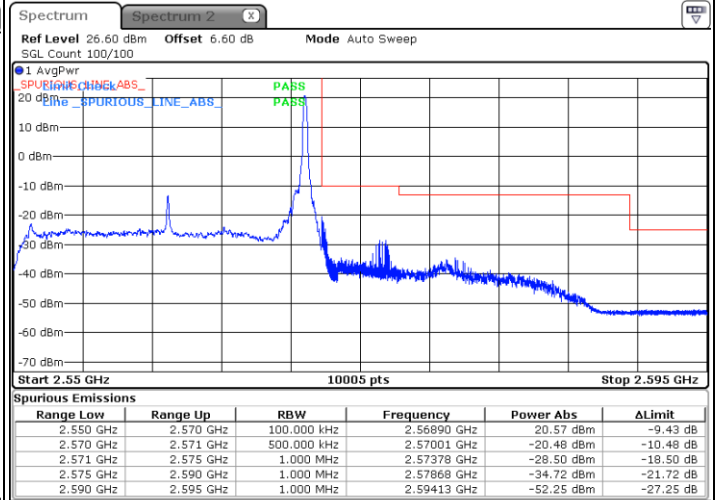


LTE Band 7 / 20MHz / 16QAM

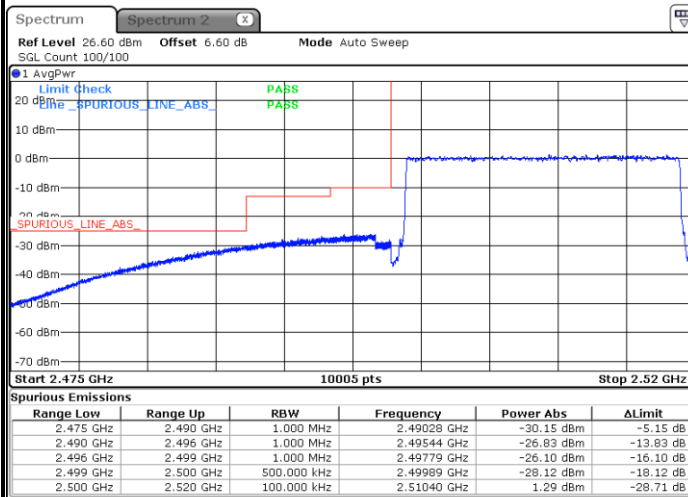
Lowest Band Edge / 1 RB



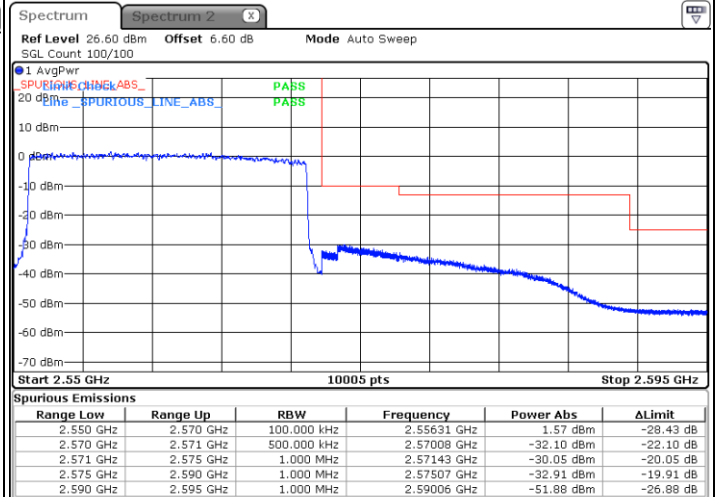
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



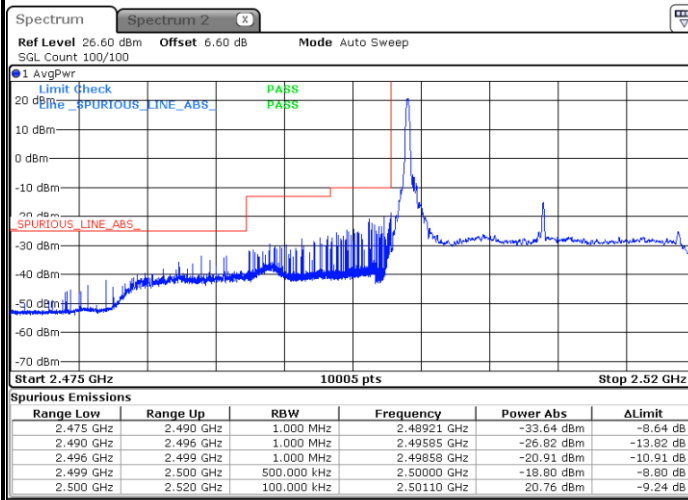
Highest Band Edge / Full RB



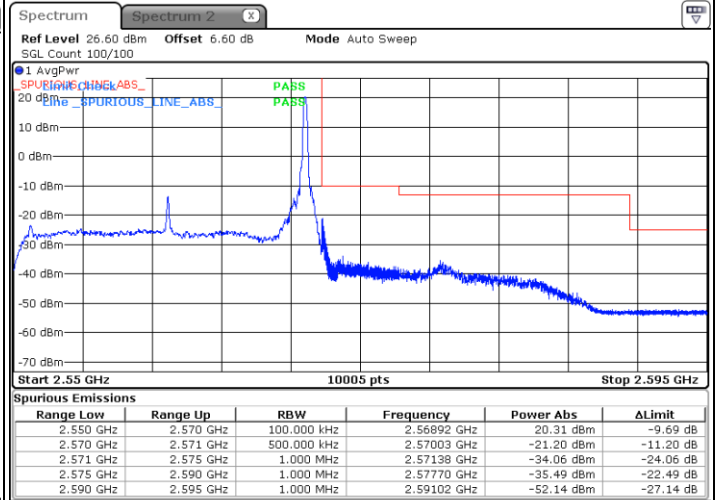


LTE Band 7 / 20MHz / 64QAM

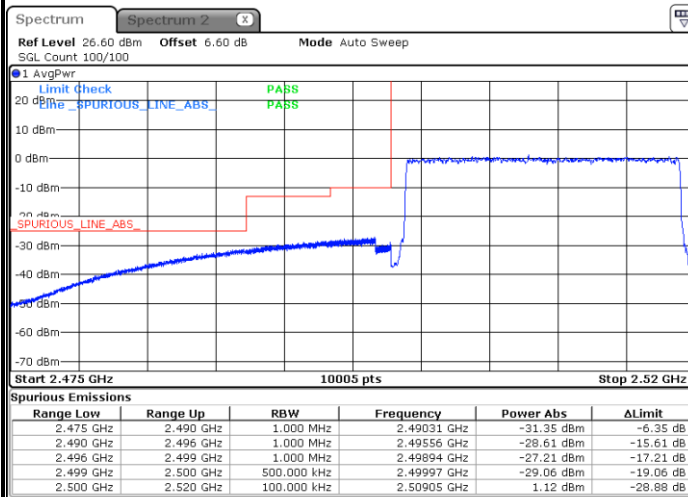
Lowest Band Edge / 1 RB



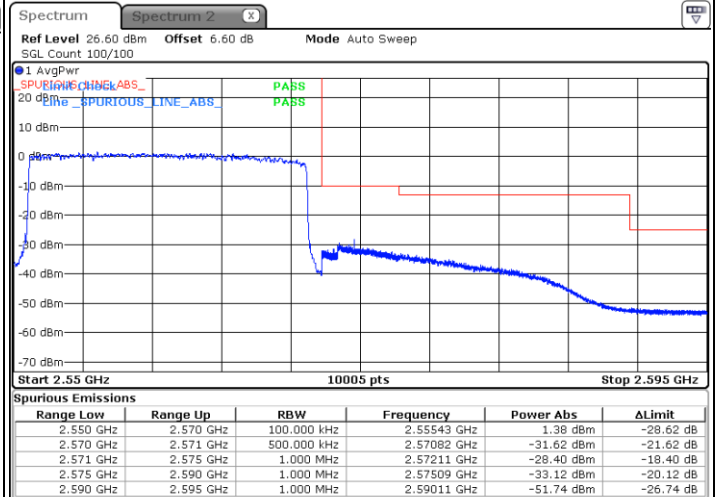
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

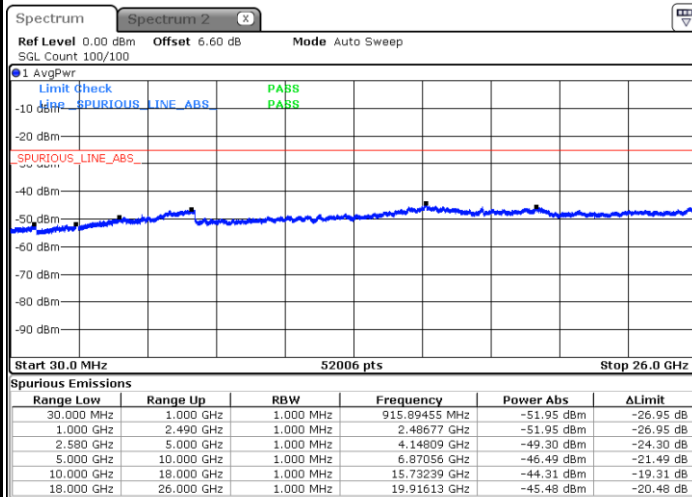




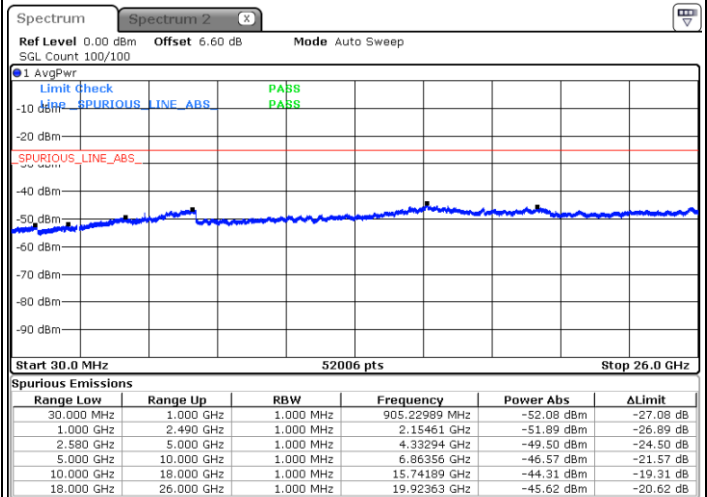
Conducted Spurious Emission

LTE Band 7 / 5MHz

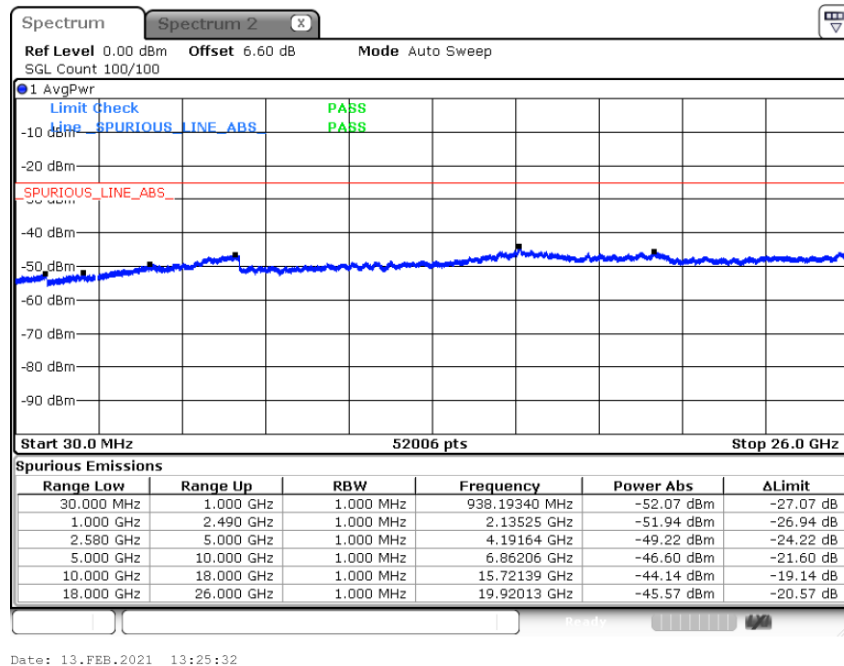
Lowest Channel / QPSK



Middle Channel / QPSK



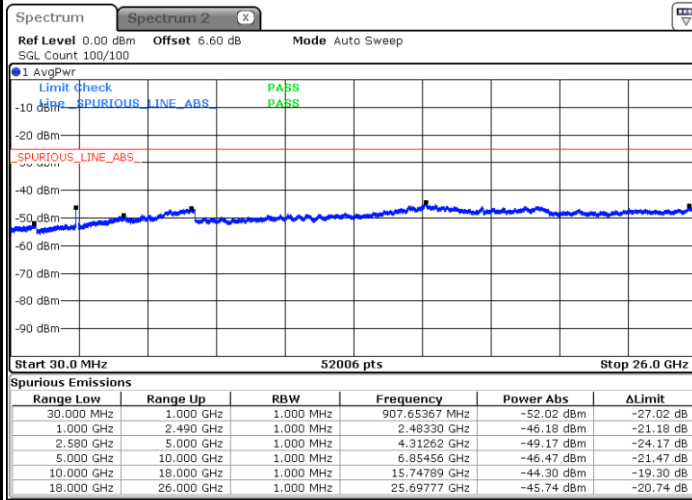
Highest Channel / QPSK





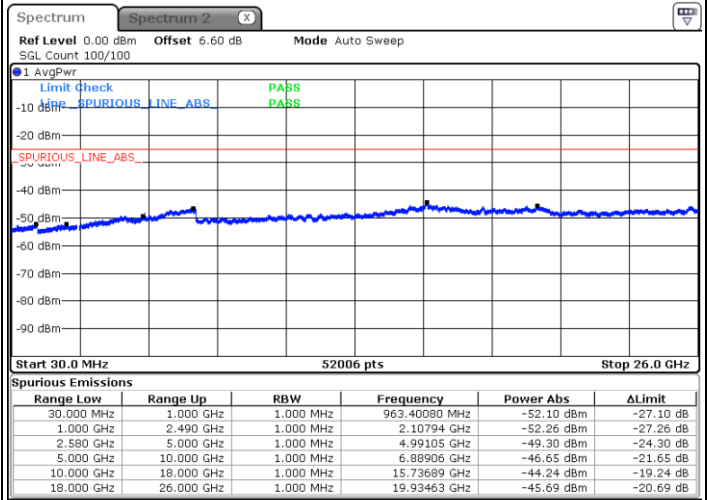
LTE Band 7 / 10MHz

Lowest Channel / QPSK



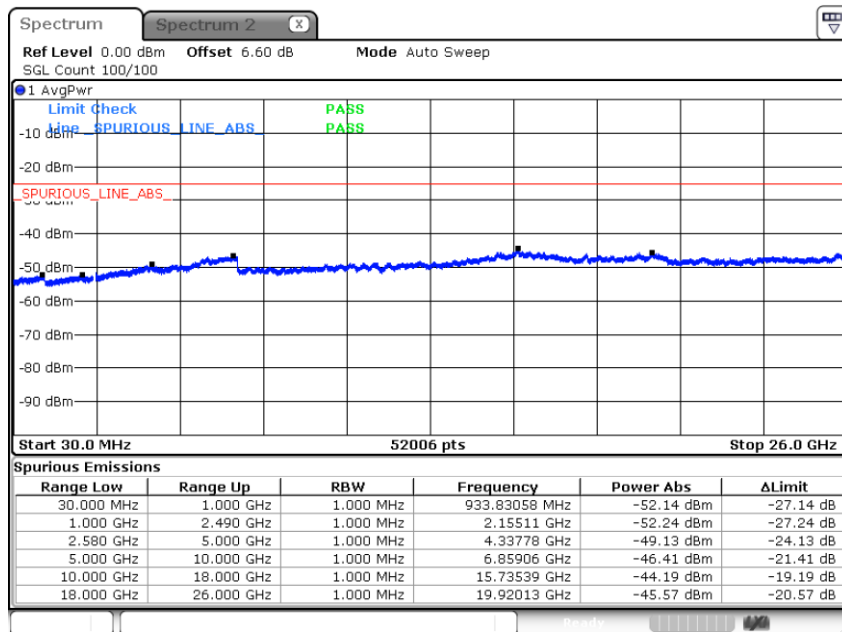
Date: 13.FEB.2021 13:26:39

Middle Channel / QPSK



Date: 13.FEB.2021 13:27:41

Highest Channel / QPSK

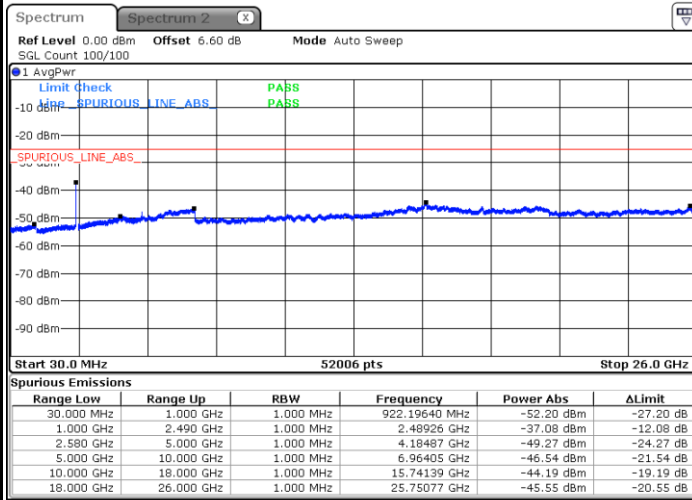


Date: 13.FEB.2021 13:28:50



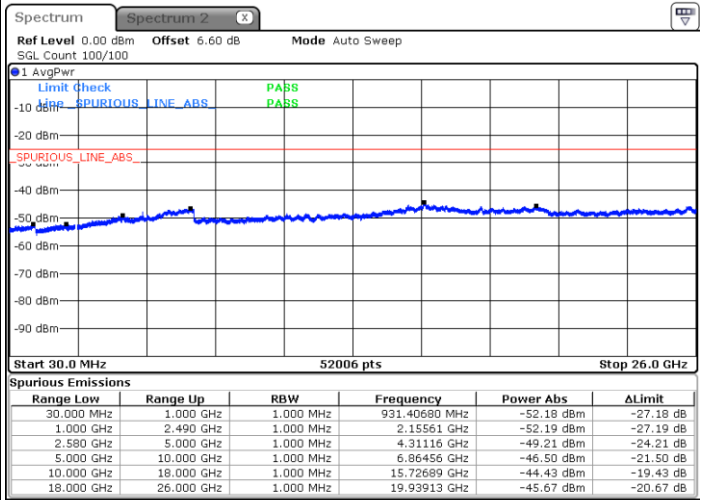
LTE Band 7 / 15MHz

Lowest Channel / QPSK



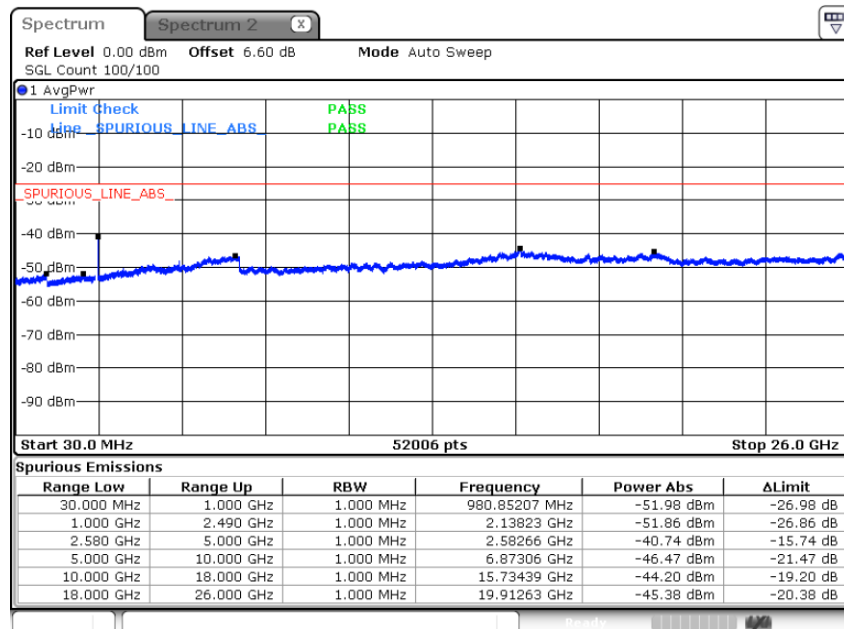
Date: 13.FEB.2021 13:30:19

Middle Channel / QPSK



Date: 13.FEB.2021 13:32:08

Highest Channel / QPSK

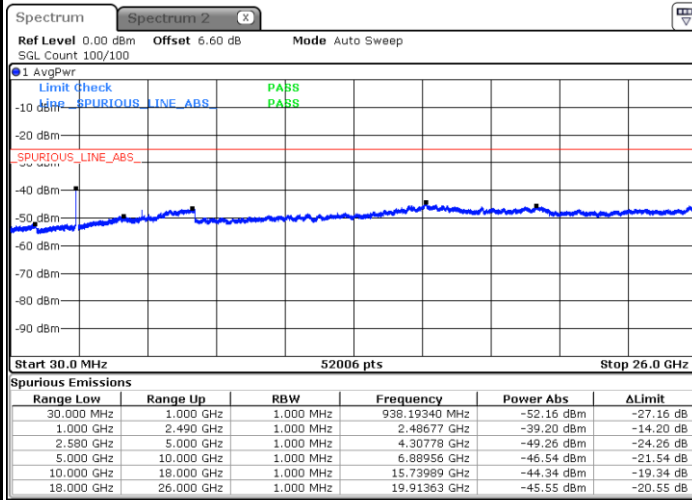


Date: 13.FEB.2021 13:33:08



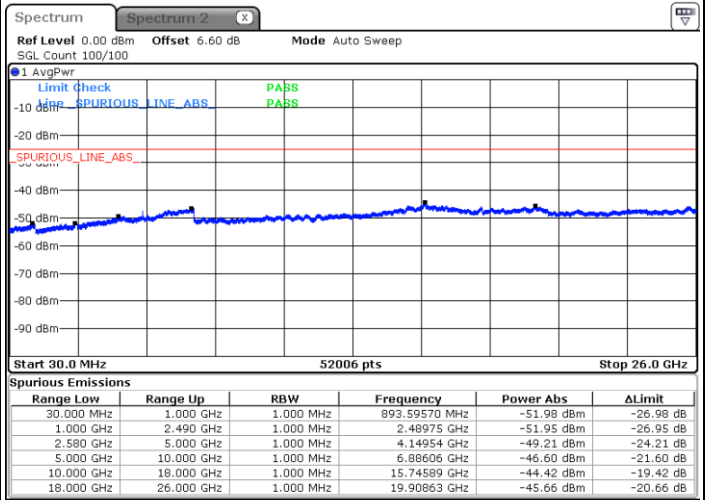
LTE Band 7 / 20MHz

Lowest Channel / QPSK



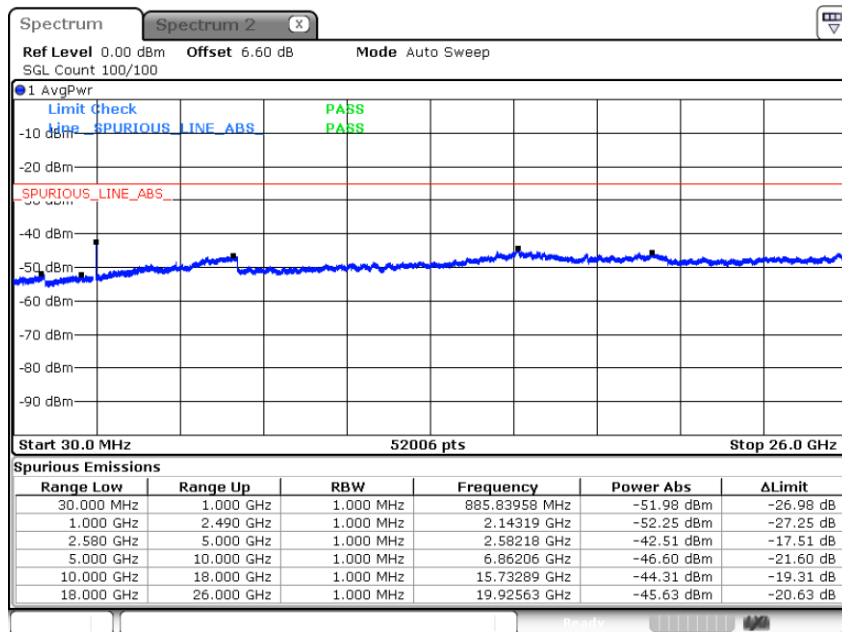
Date: 13.FEB.2021 13:34:38

Middle Channel / QPSK



Date: 13.FEB.2021 13:35:44

Highest Channel / QPSK



Date: 13.FEB.2021 13:36:45

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0001	

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

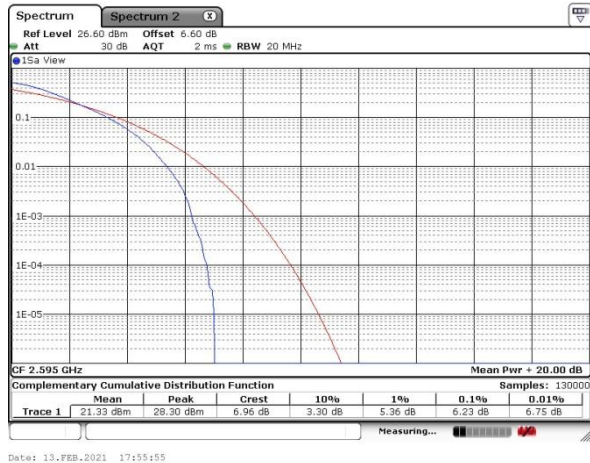
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.23	6.14	6.12	PASS

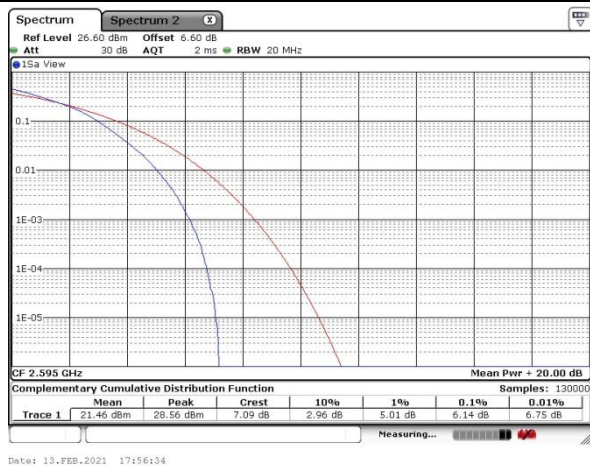


LTE Band 41 / 20MHz

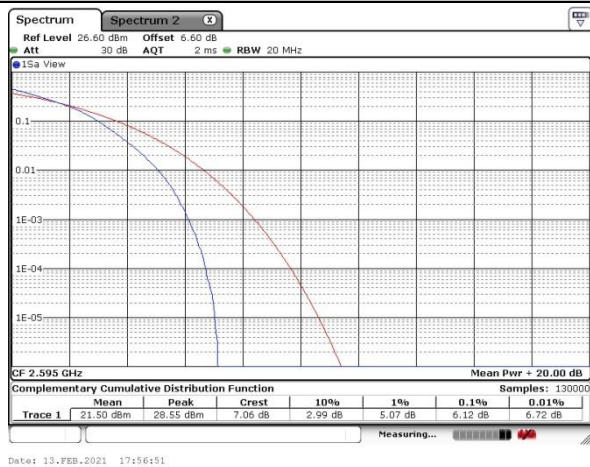
Middle Channel / Full RB / QPSK



Middle Channel / Full RB / 16QAM

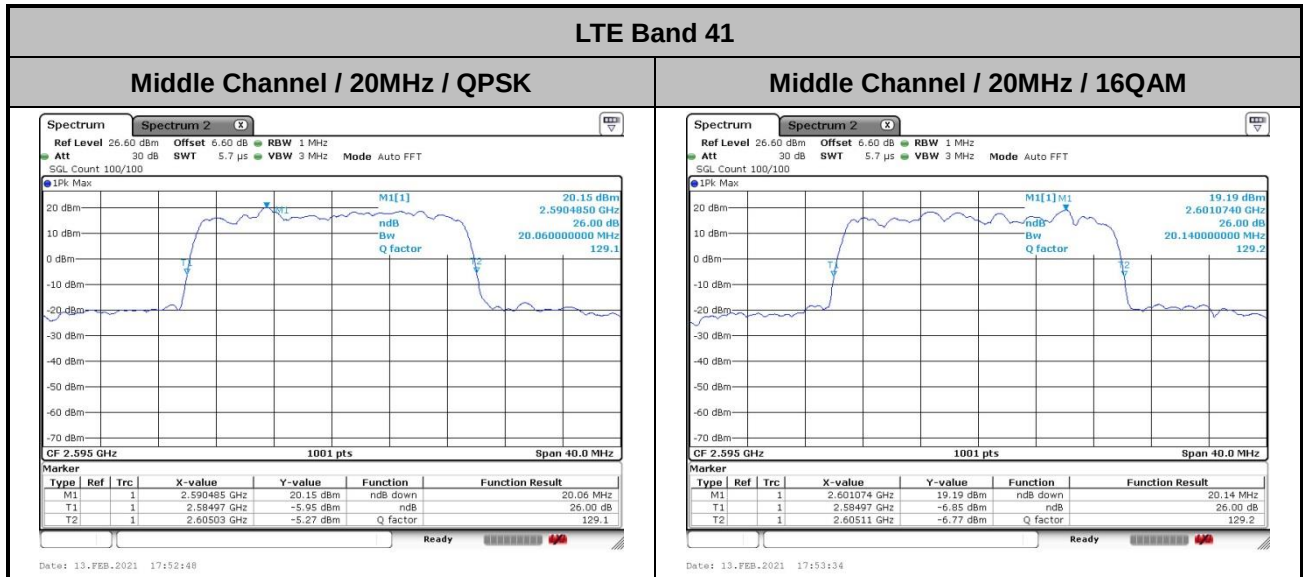


Middle Channel / Full RB / 64QAM



**26dB Bandwidth**

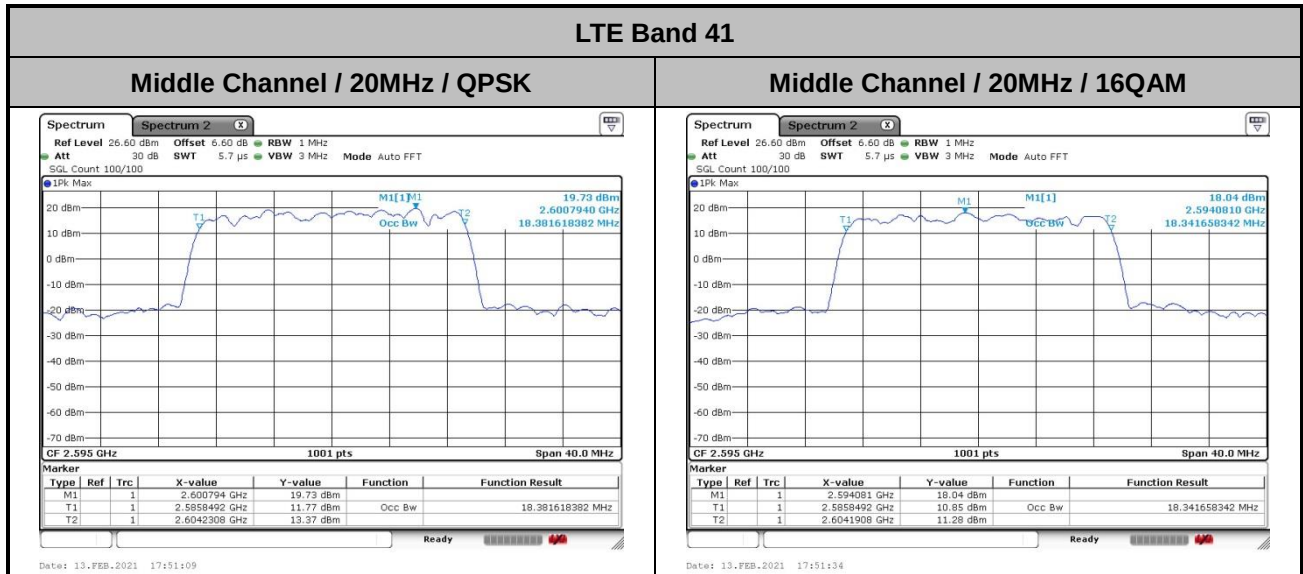
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.06	20.14





Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.38	18.34

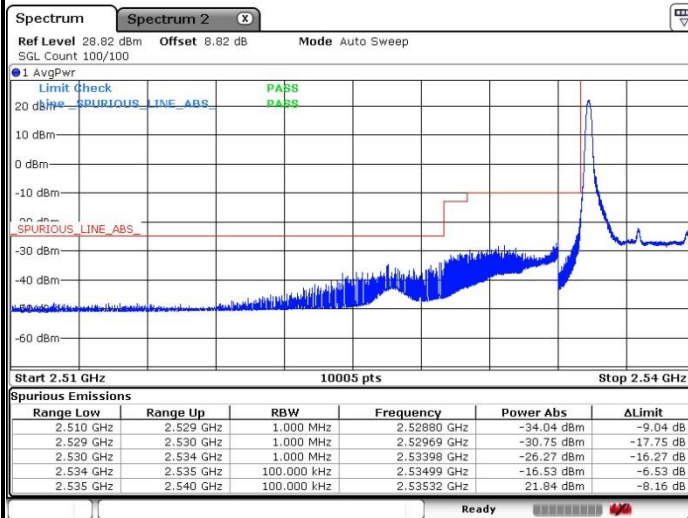




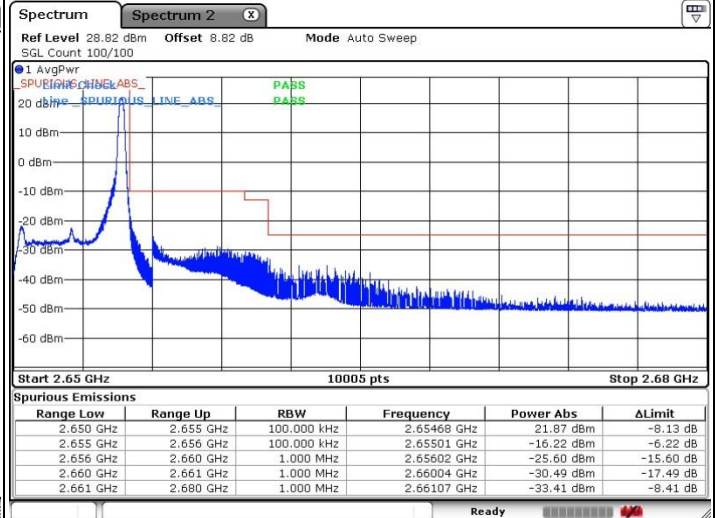
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

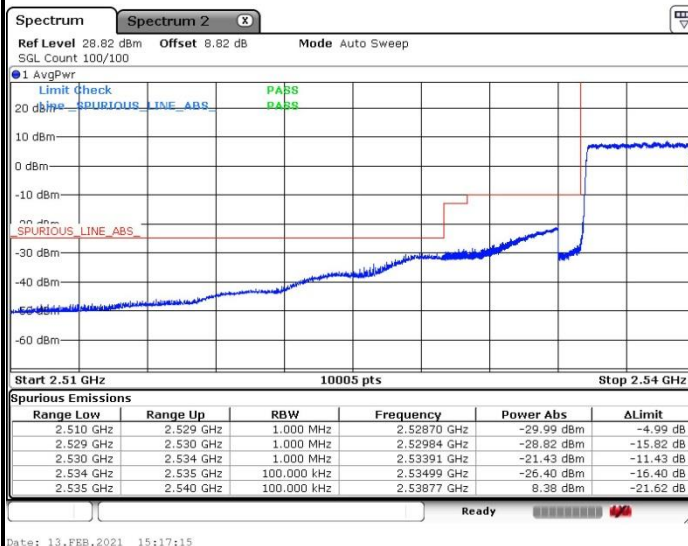
Lowest Band Edge / 1 RB



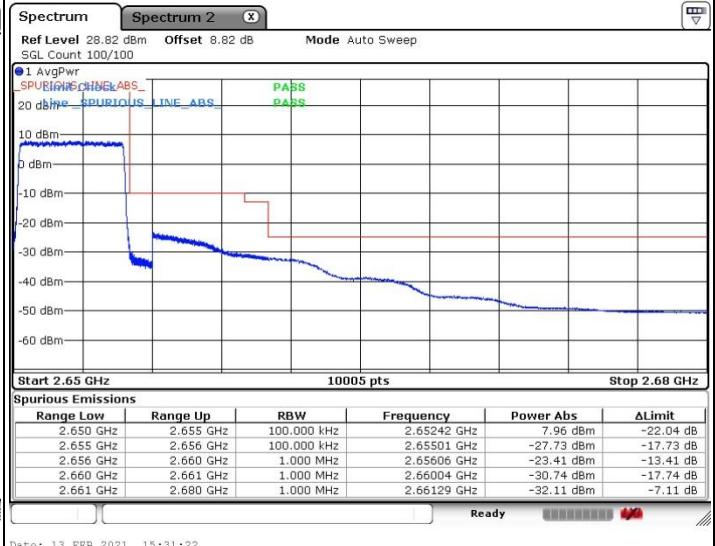
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



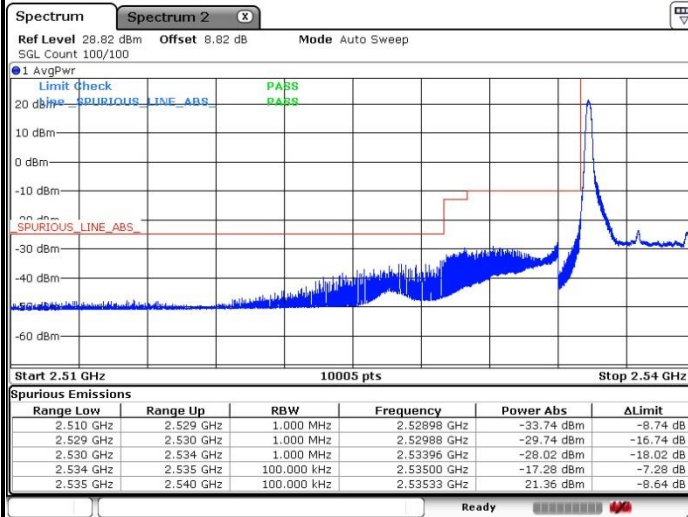
Highest Band Edge / Full RB





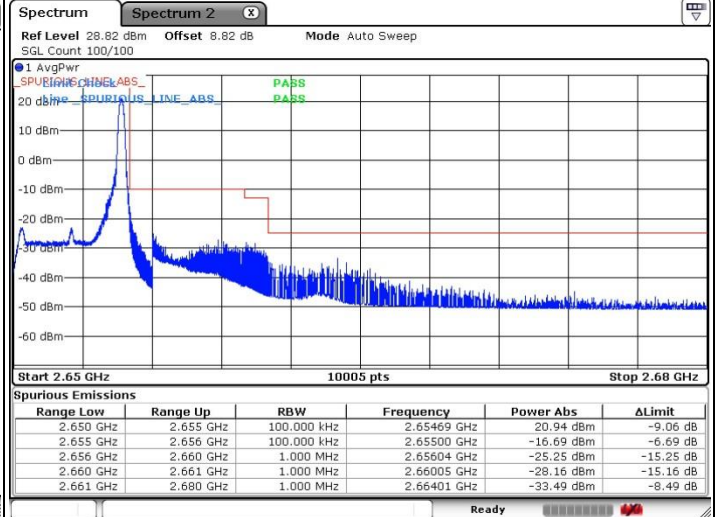
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



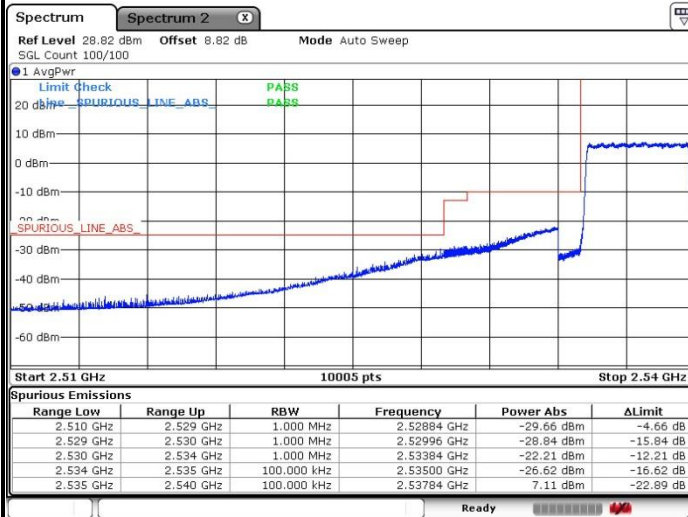
Date: 13.FEB.2021 15:12:48

Highest Band Edge / 1 RB



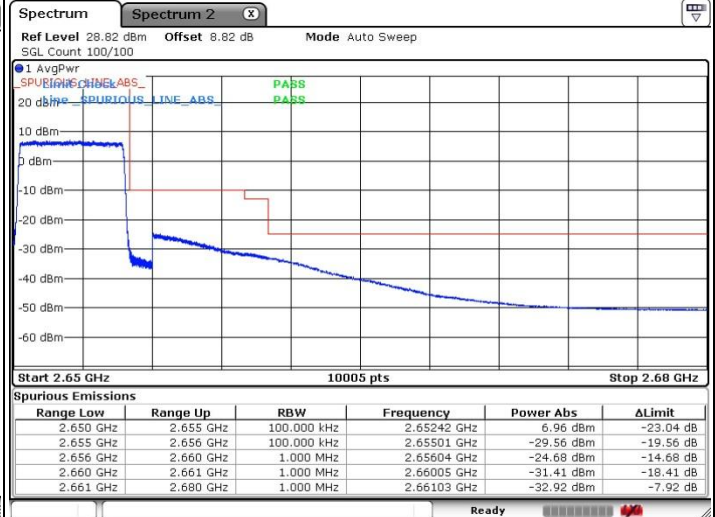
Date: 13.FEB.2021 15:35:46

Lowest Band Edge / Full RB



Date: 13.FEB.2021 15:16:15

Highest Band Edge / Full RB

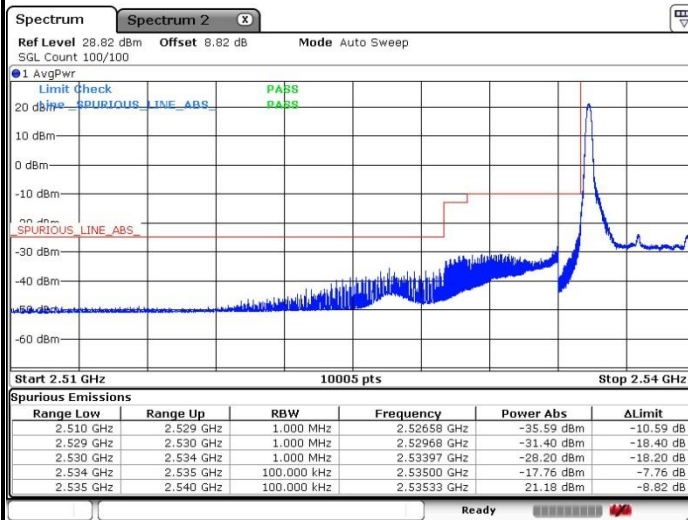


Date: 13.FEB.2021 15:32:26



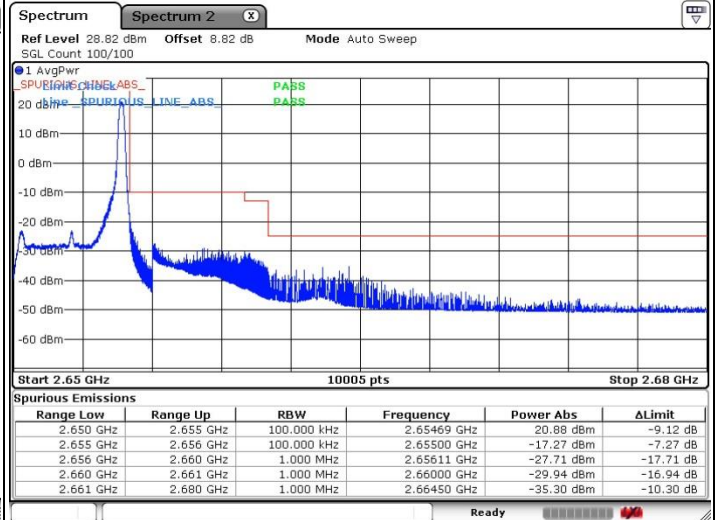
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



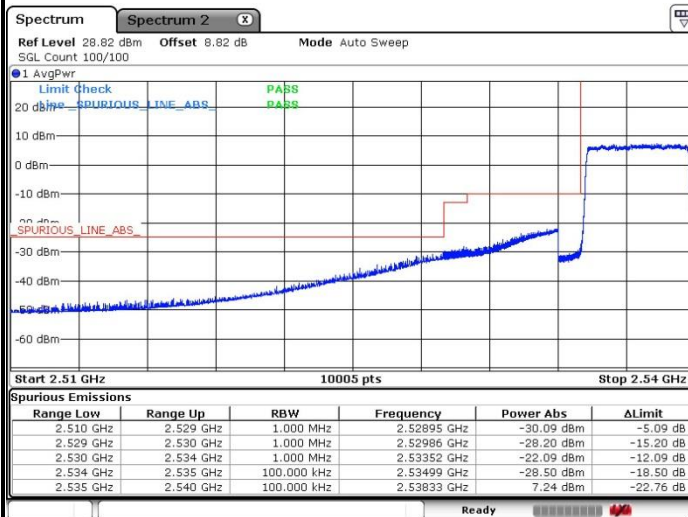
Date: 13.FEB.2021 15:13:44

Highest Band Edge / 1 RB



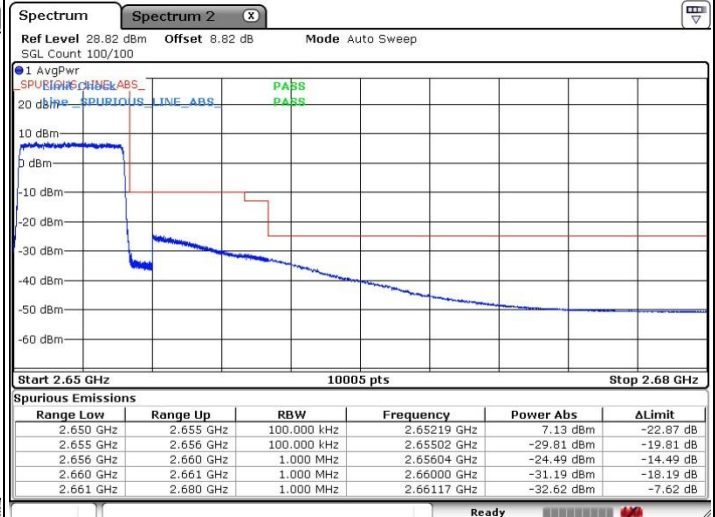
Date: 13.FEB.2021 15:34:45

Lowest Band Edge / Full RB



Date: 13.FEB.2021 15:14:50

Highest Band Edge / Full RB

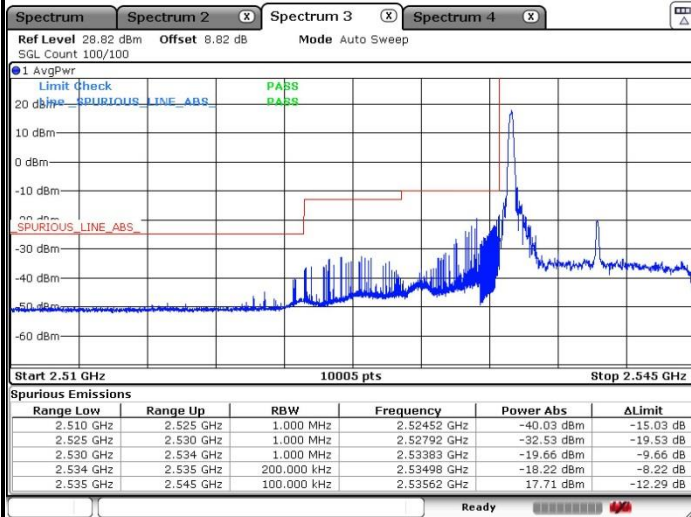


Date: 13.FEB.2021 15:33:20

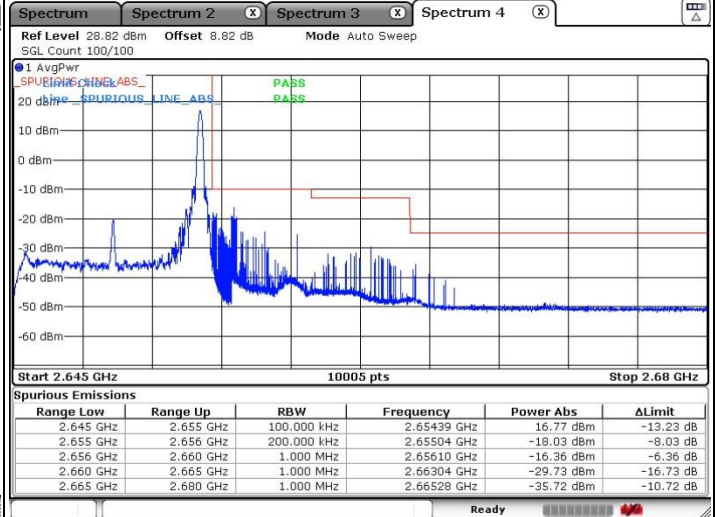


LTE Band 41 / 10MHz / QPSK

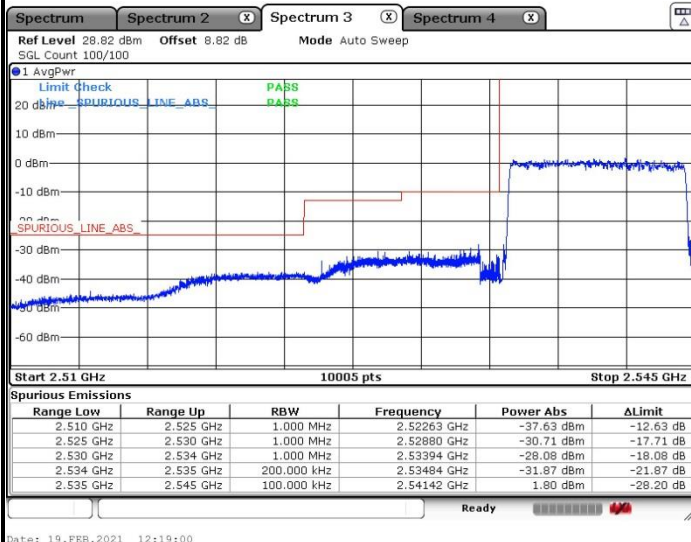
Lowest Band Edge / 1 RB



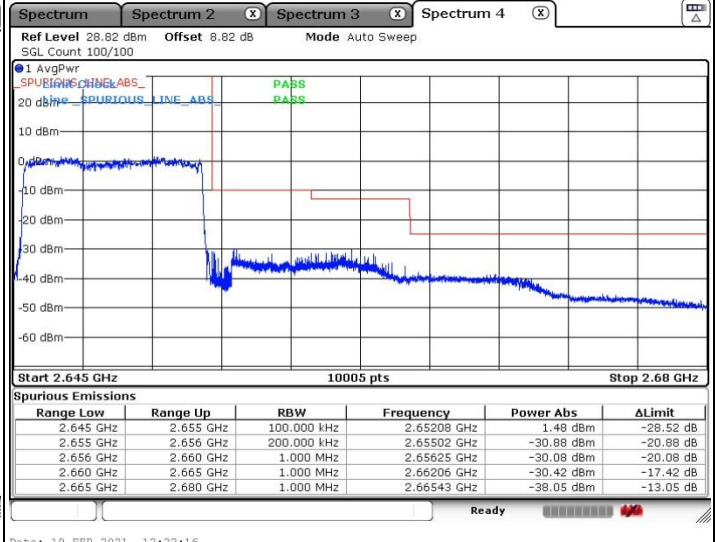
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



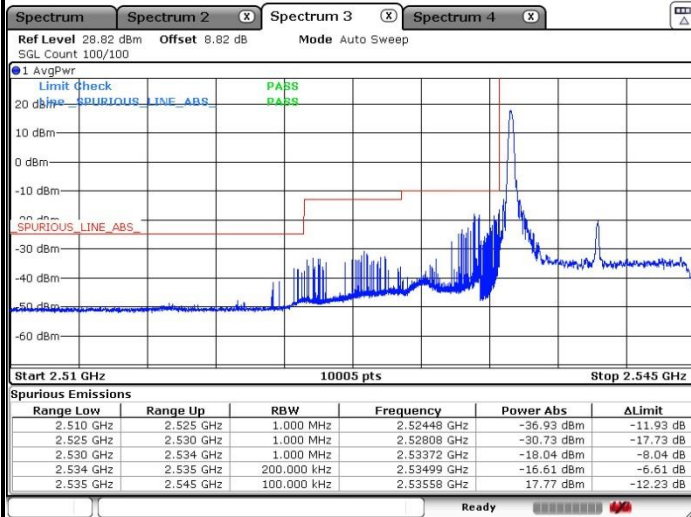
Highest Band Edge / Full RB



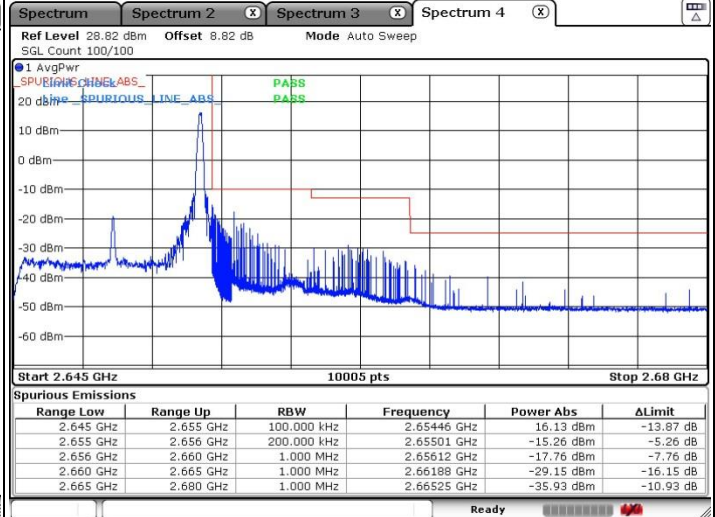


LTE Band 41 / 10MHz / 16QAM

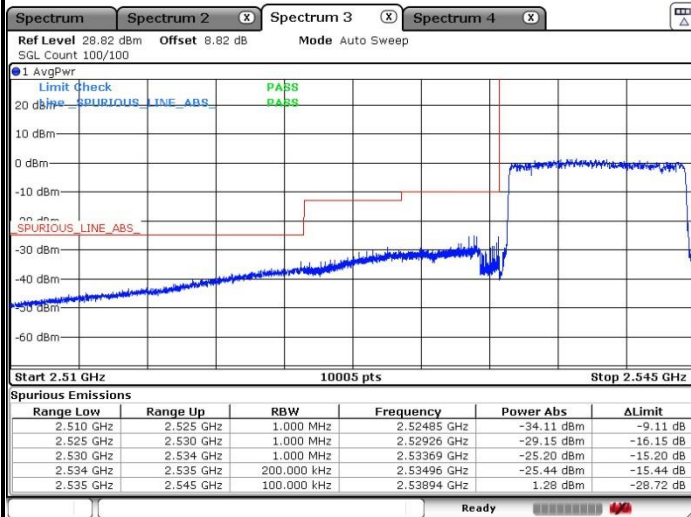
Lowest Band Edge / 1 RB



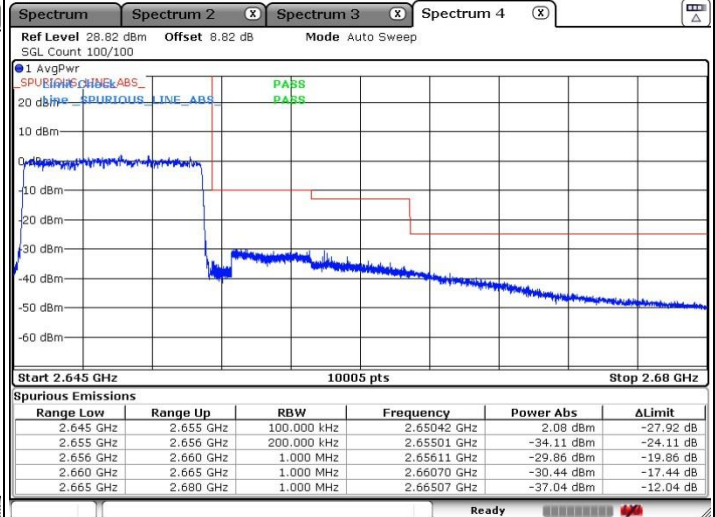
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



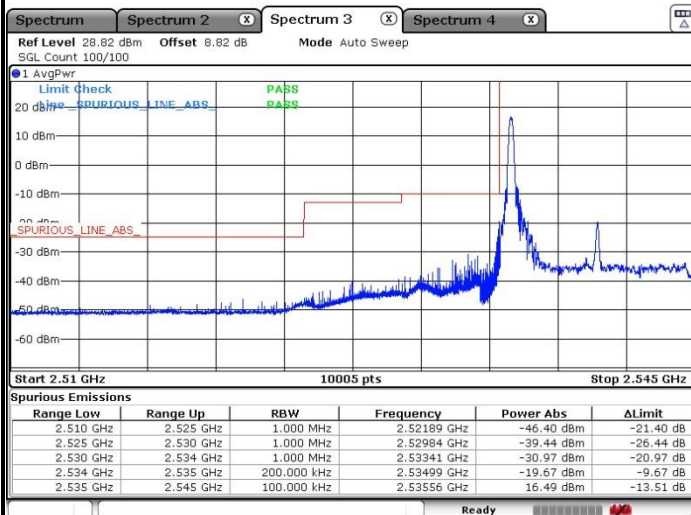
Highest Band Edge / Full RB





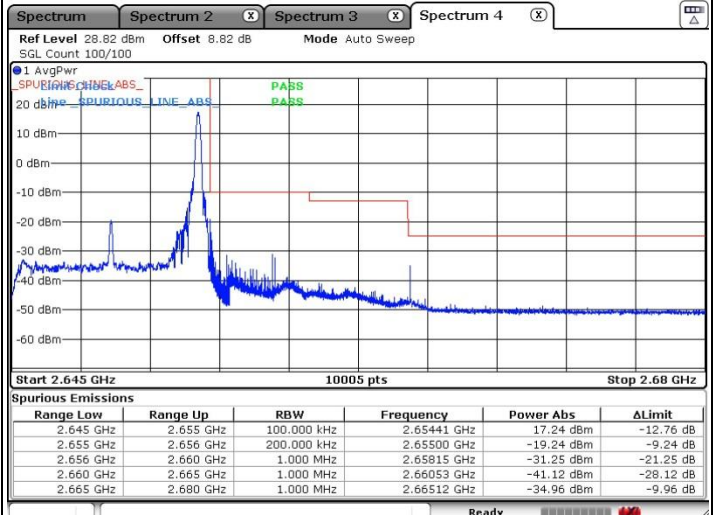
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



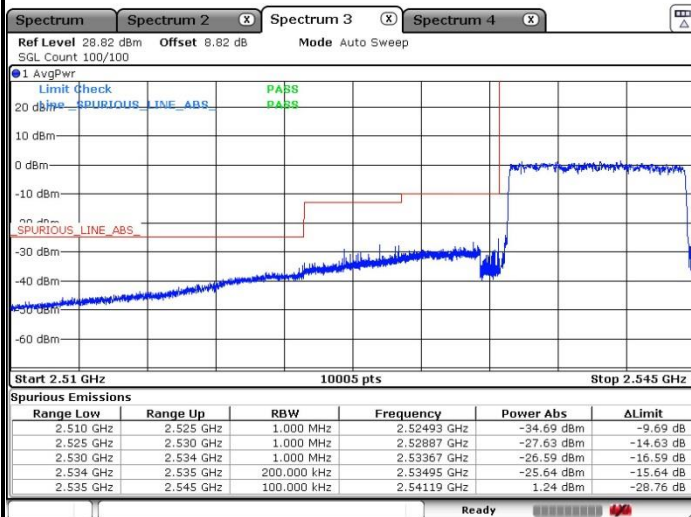
Date: 19.FEB.2021 12:20:34

Highest Band Edge / 1 RB



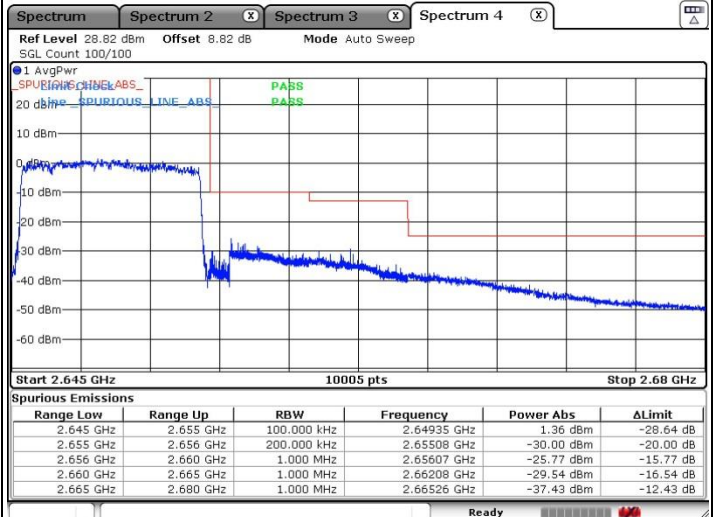
Date: 19.FEB.2021 12:21:52

Lowest Band Edge / Full RB



Date: 19.FEB.2021 12:19:34

Highest Band Edge / Full RB

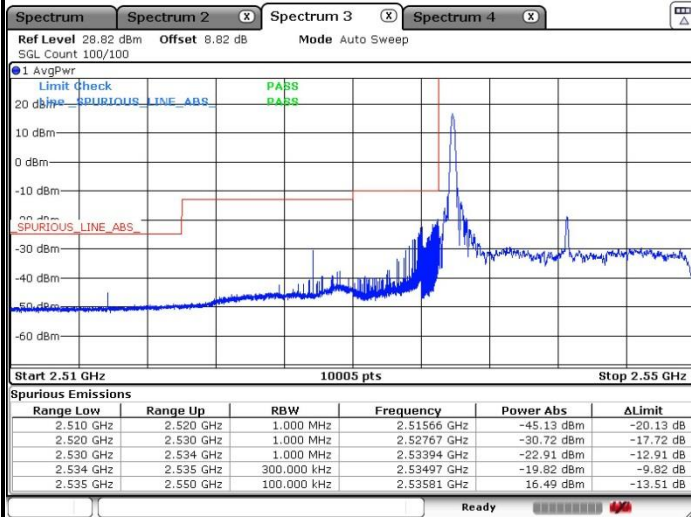


Date: 19.FEB.2021 12:22:54



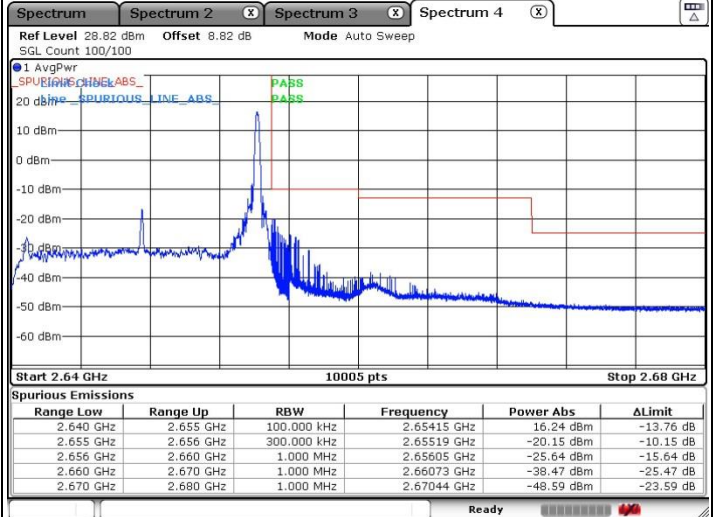
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



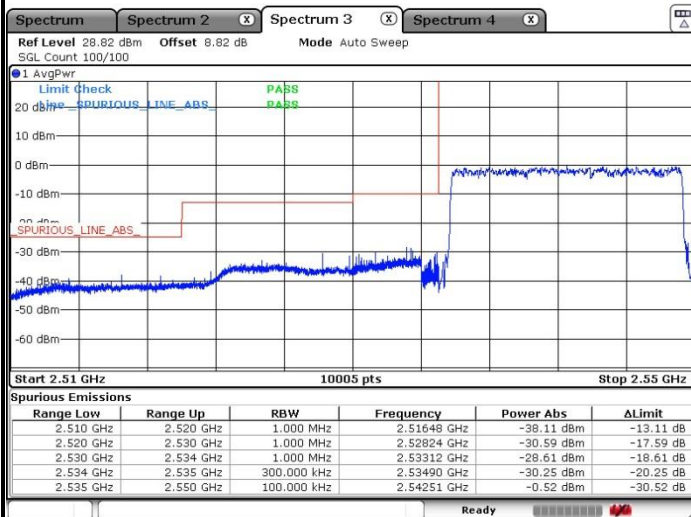
Date: 19.FEB.2021 12:15:14

Highest Band Edge / 1 RB



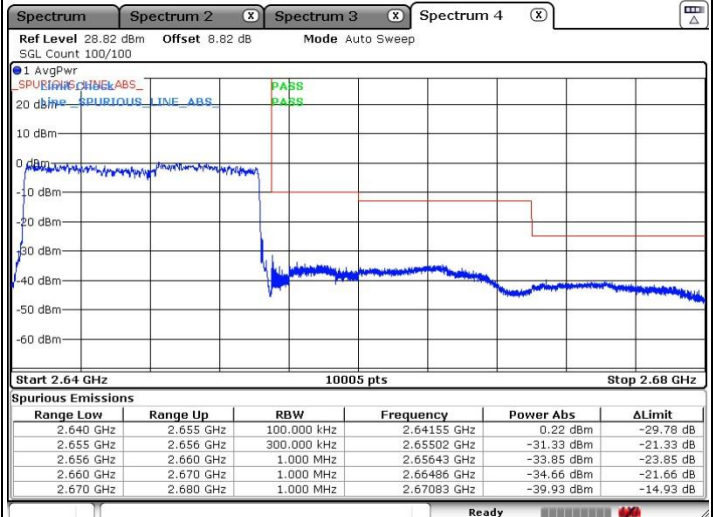
Date: 19.FEB.2021 12:17:20

Lowest Band Edge / Full RB



Date: 19.FEB.2021 12:14:12

Highest Band Edge / Full RB



Date: 19.FEB.2021 12:17:38