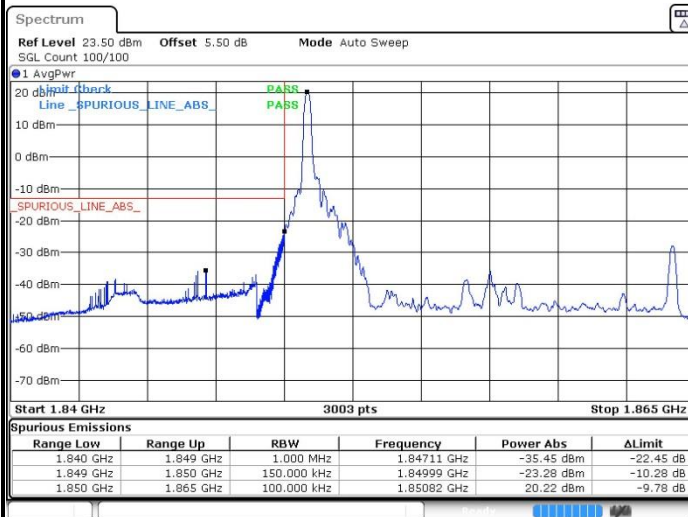


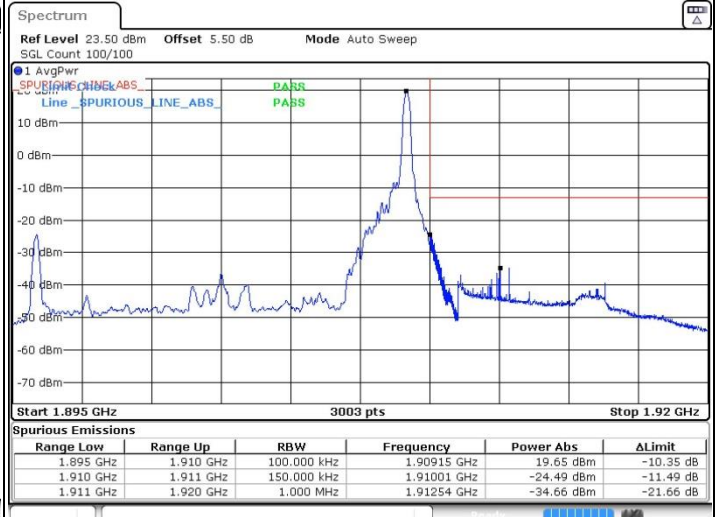


LTE Band 2 / 15MHz / 16QAM

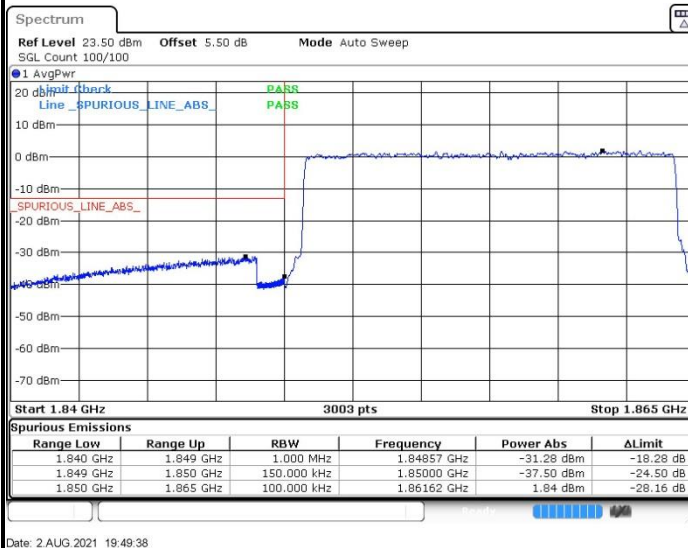
Lowest Band Edge / 1 RB



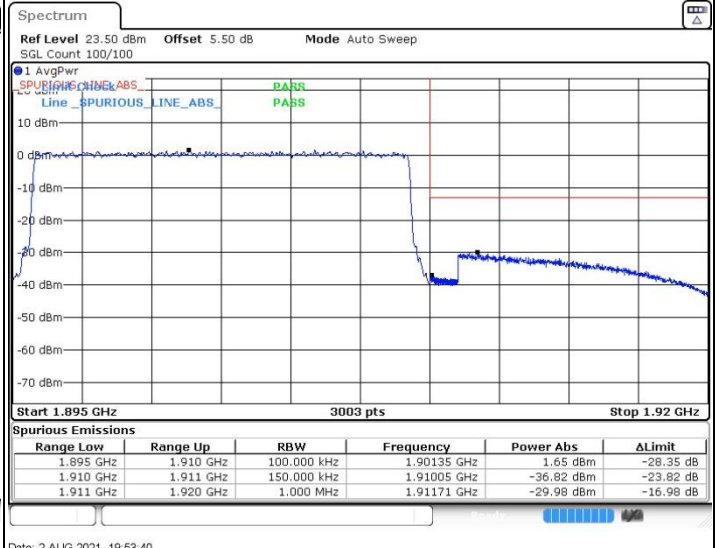
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



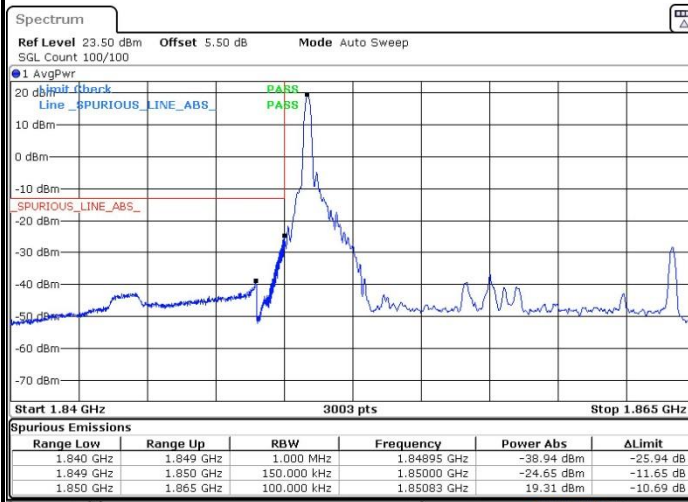
Highest Band Edge / Full RB



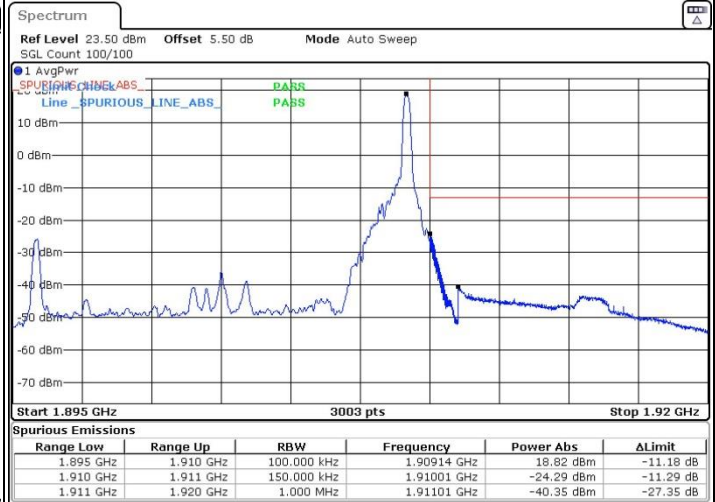


LTE Band 2 / 15MHz / 64QAM

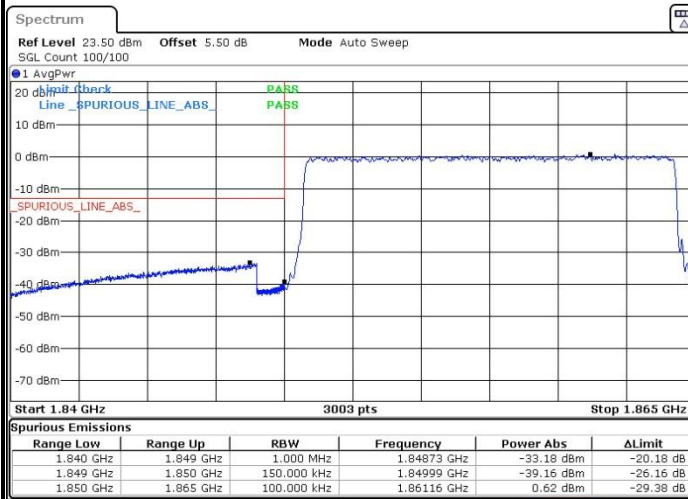
Lowest Band Edge / 1 RB



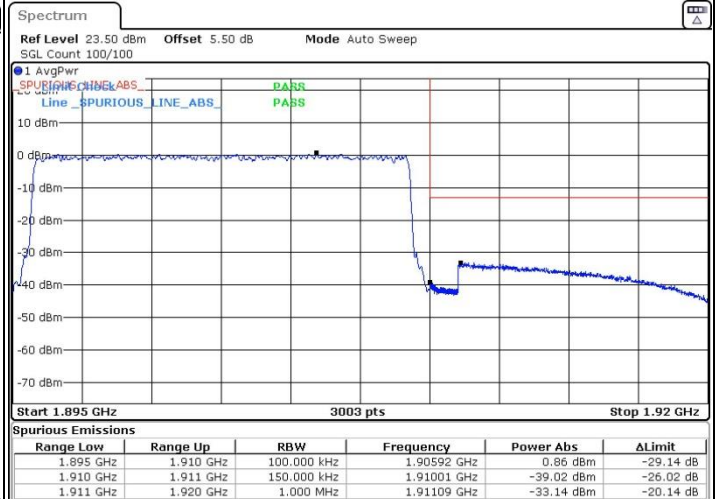
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



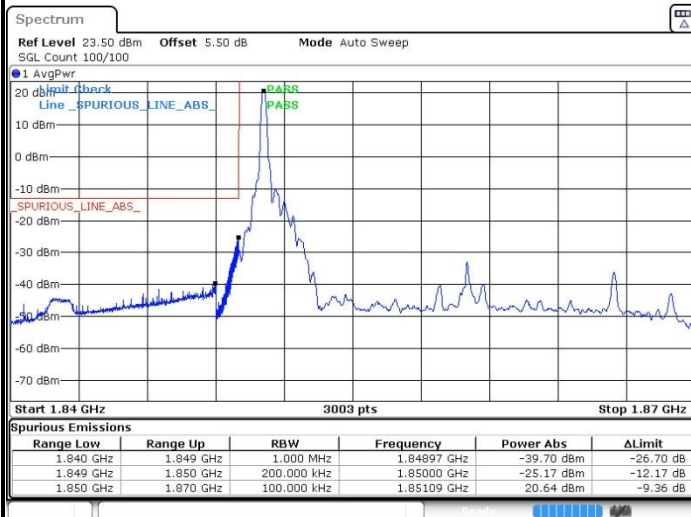
Highest Band Edge / Full RB



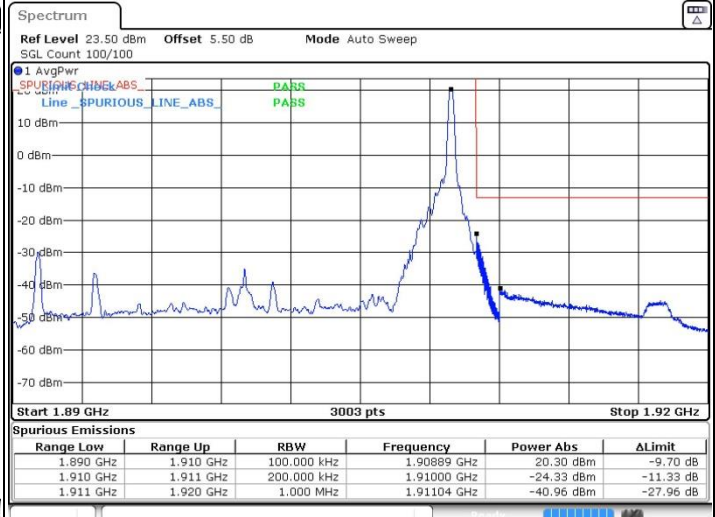


LTE Band 2 / 20MHz / QPSK

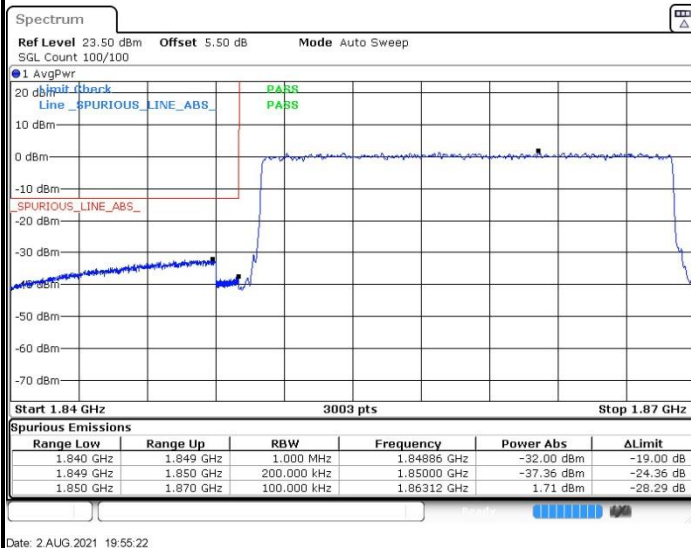
Lowest Band Edge / 1 RB



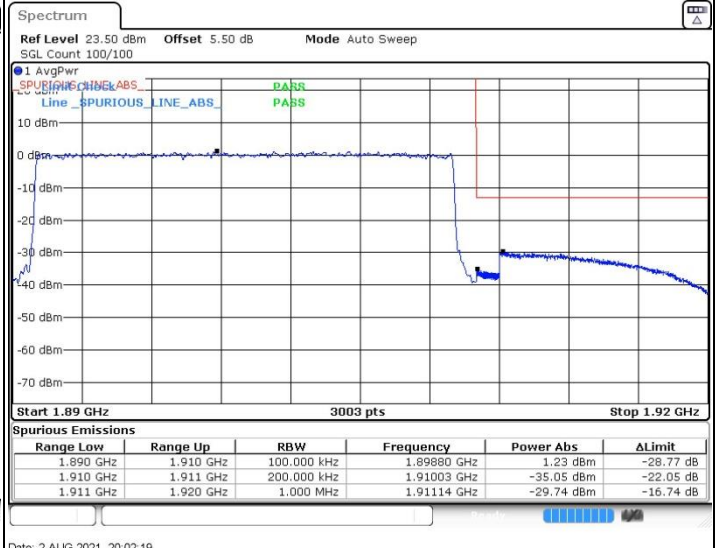
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



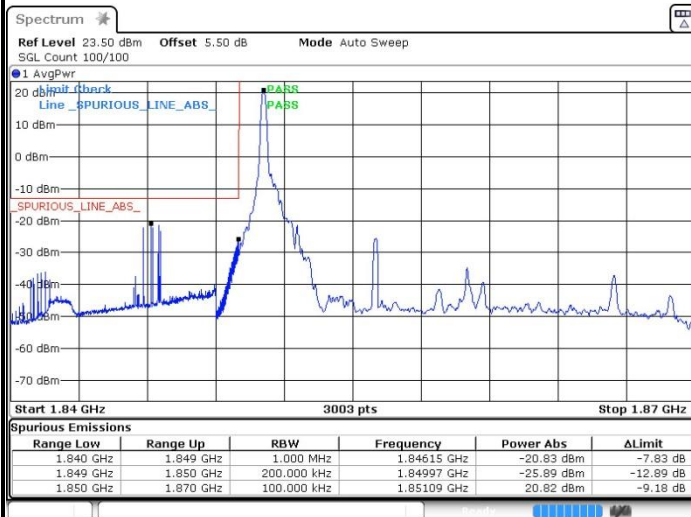
Highest Band Edge / Full RB



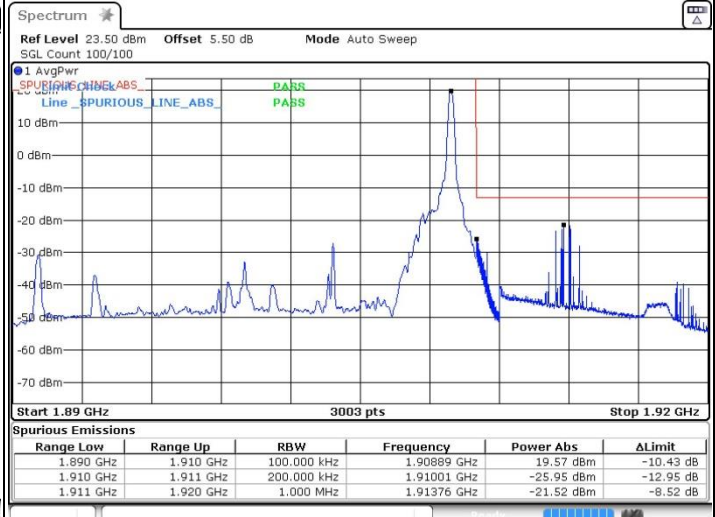


LTE Band 2 / 20MHz / 16QAM

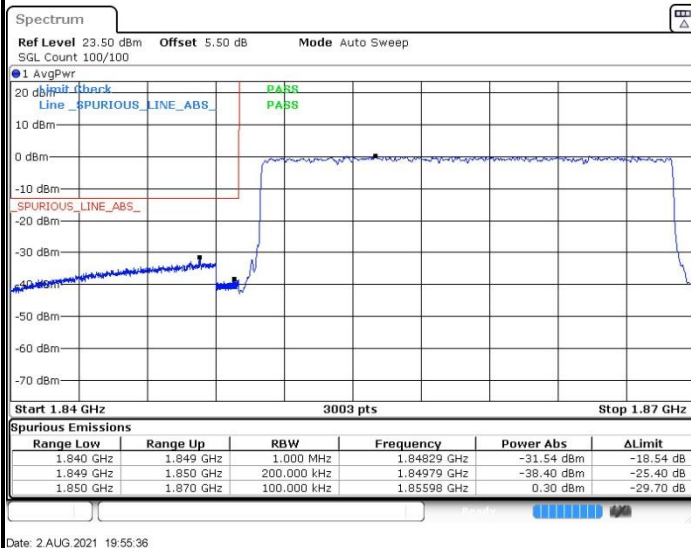
Lowest Band Edge / 1 RB



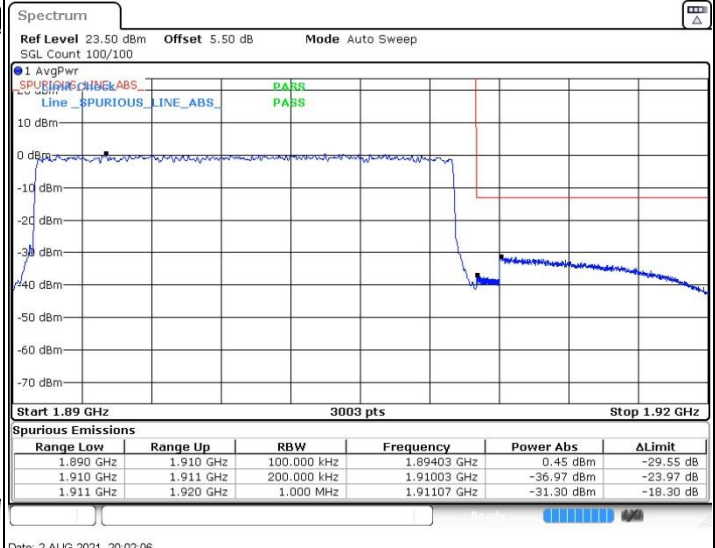
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



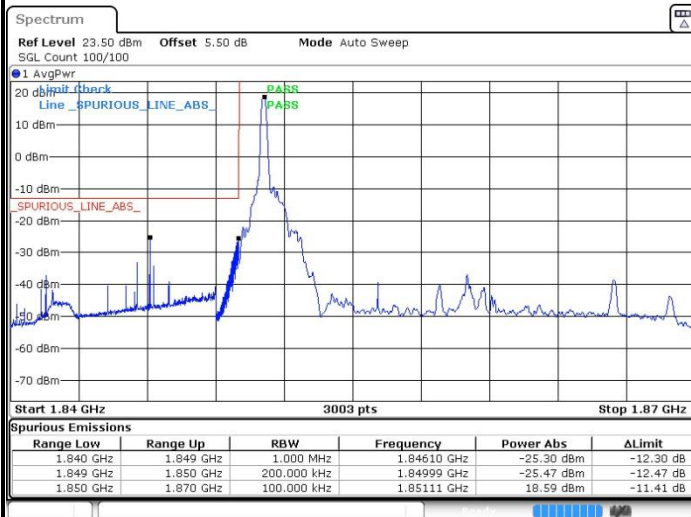
Highest Band Edge / Full RB



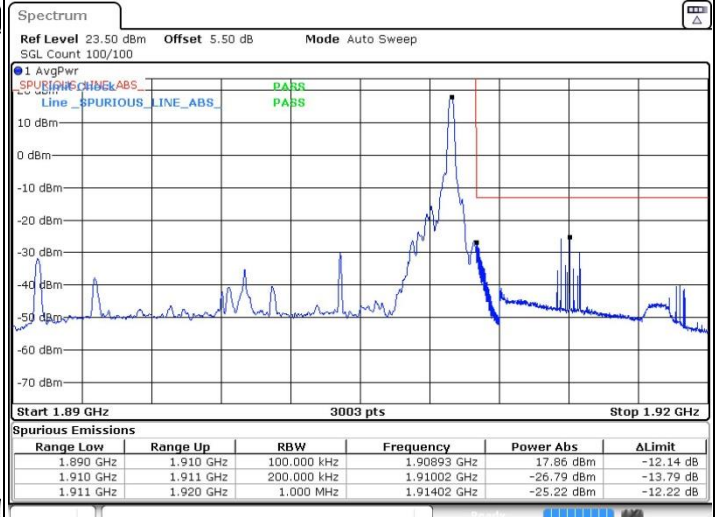


LTE Band 2 / 20MHz / 64QAM

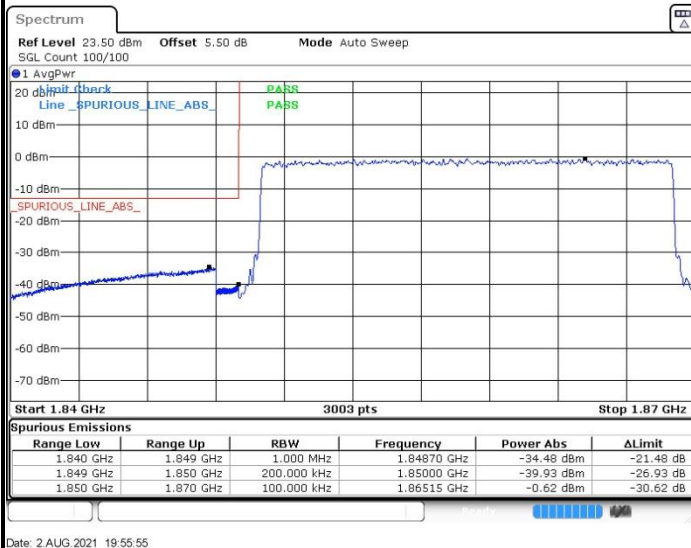
Lowest Band Edge / 1 RB



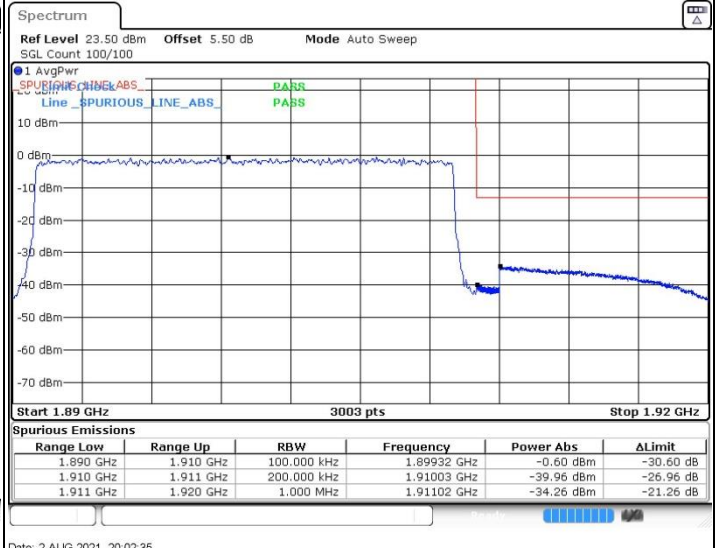
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

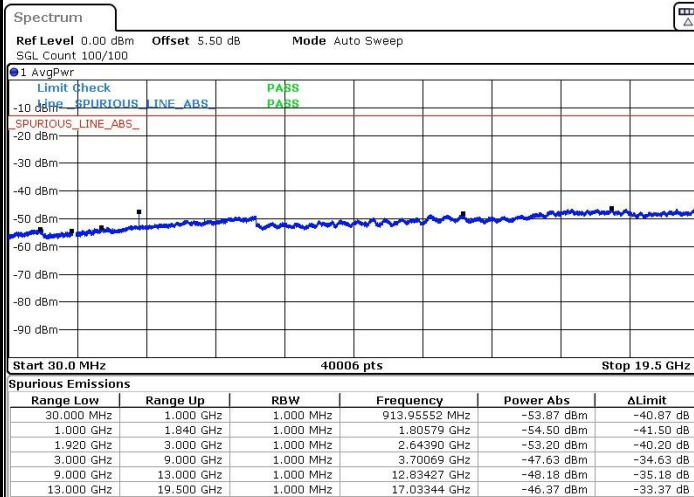




Conducted Spurious Emission

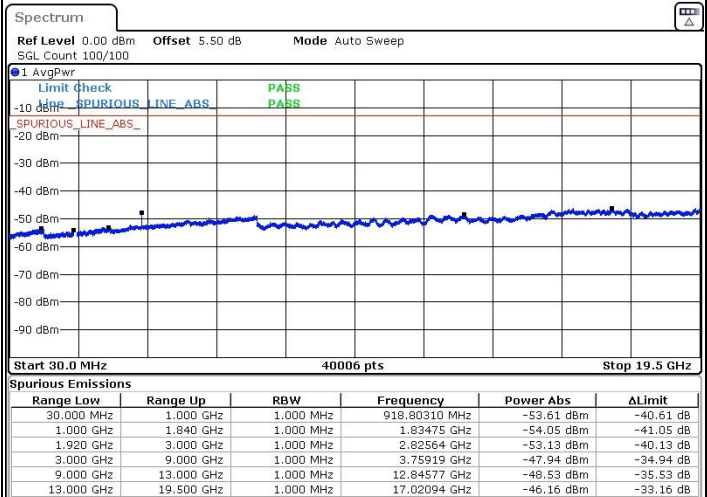
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



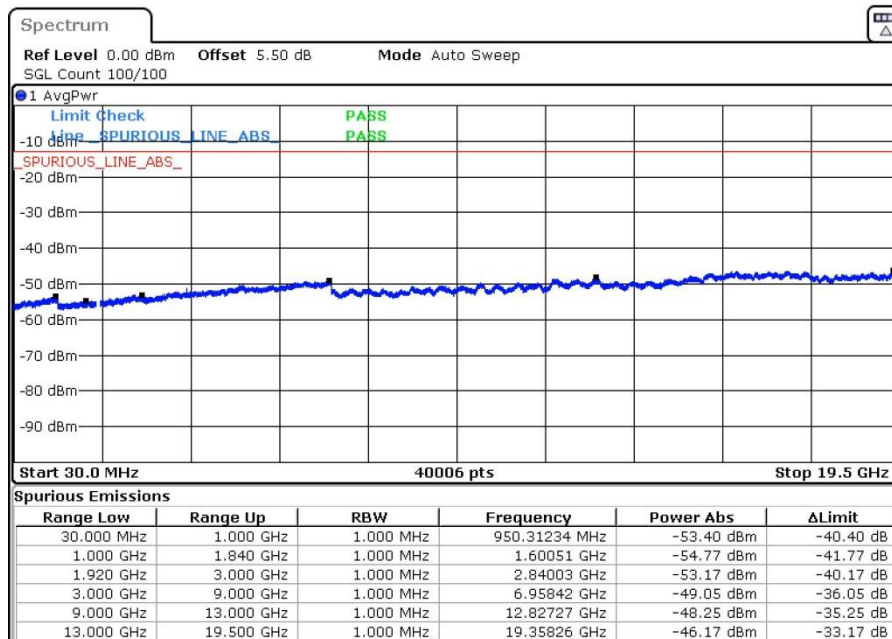
Date: 2 AUG 2021 19:05:44

Middle Channel / QPSK



Date: 2 AUG 2021 19:10:21

Highest Channel / QPSK

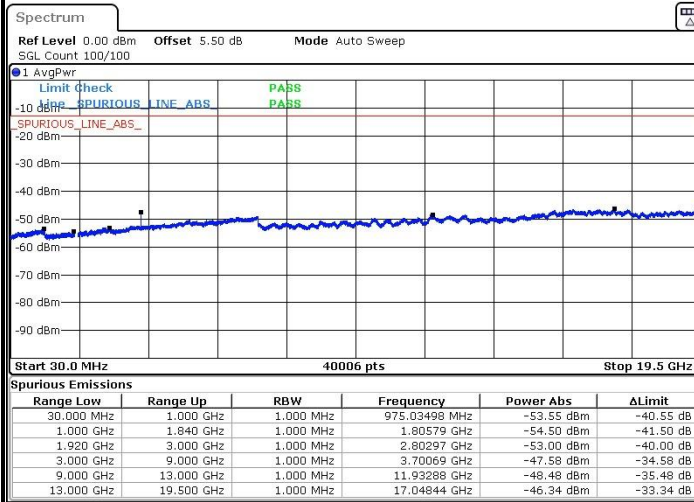


Date: 2 AUG 2021 19:11:12



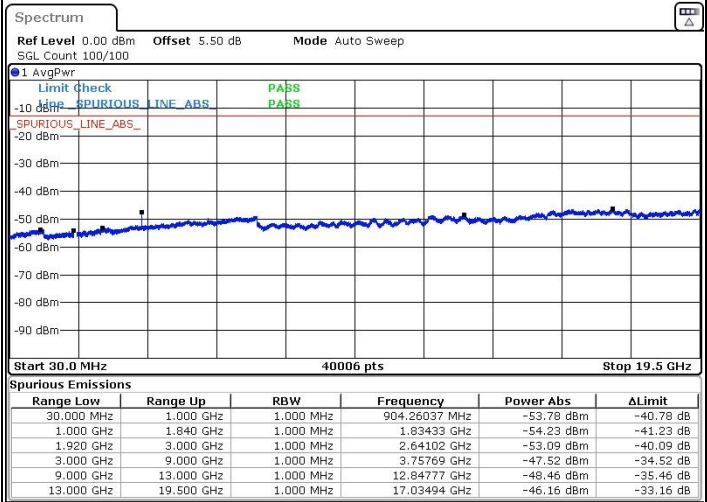
LTE Band 2 / 3MHz

Lowest Channel / QPSK



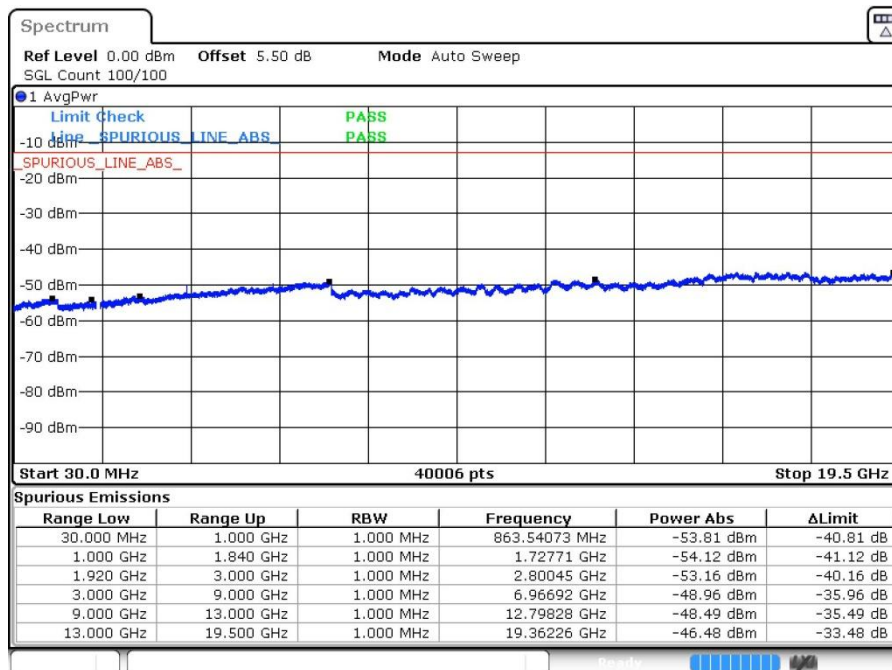
Date: 2 AUG 2021 19:23:53

Middle Channel / QPSK



Date: 2 AUG 2021 19:24:41

Highest Channel / QPSK

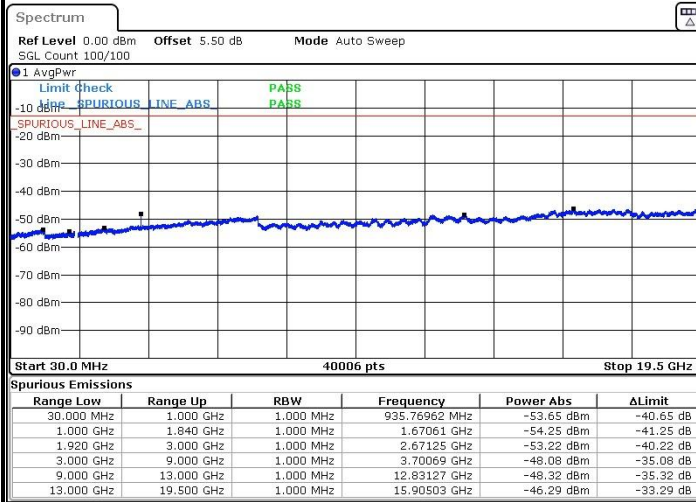


Date: 2 AUG 2021 19:25:28



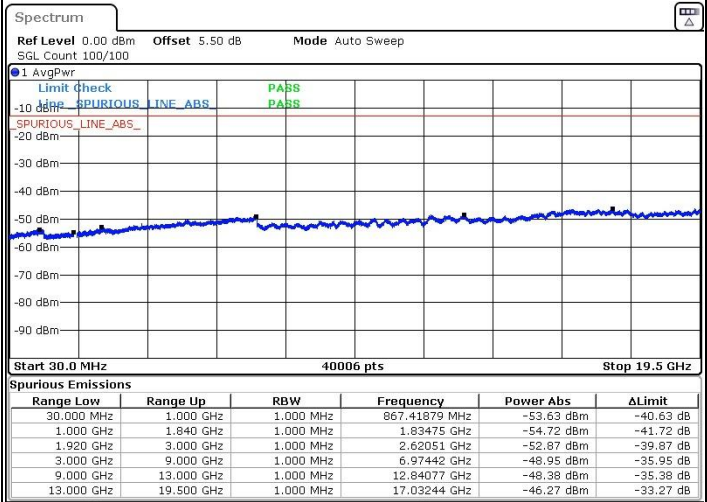
LTE Band 2 / 5MHz

Lowest Channel / QPSK



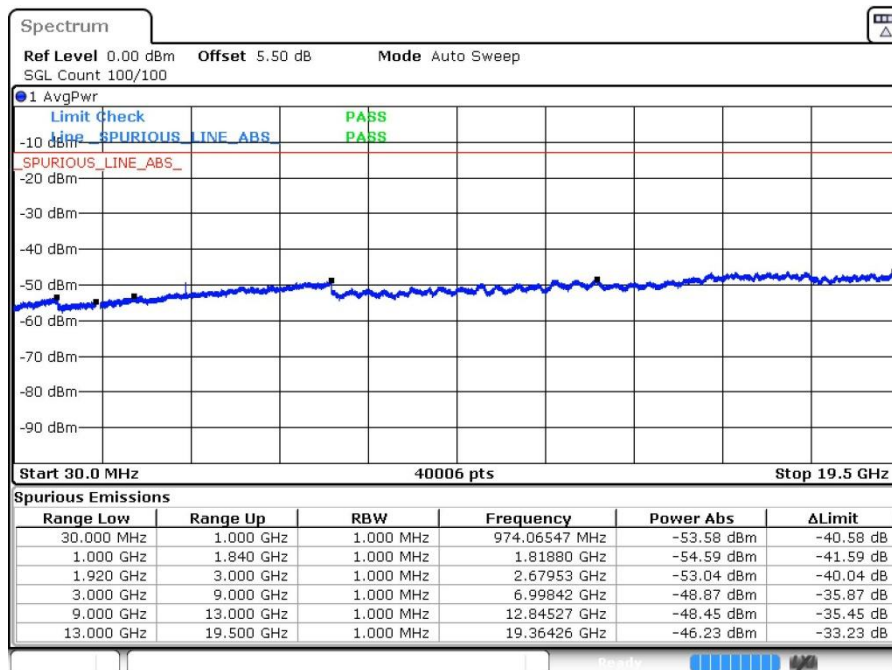
Date: 2 AUG 2021 19:32:55

Middle Channel / QPSK



Date: 2 AUG 2021 19:34:23

Highest Channel / QPSK

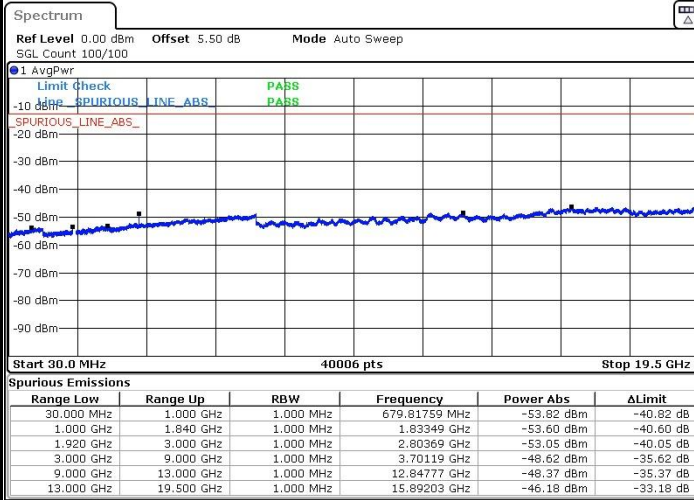


Date: 2 AUG 2021 19:39:53



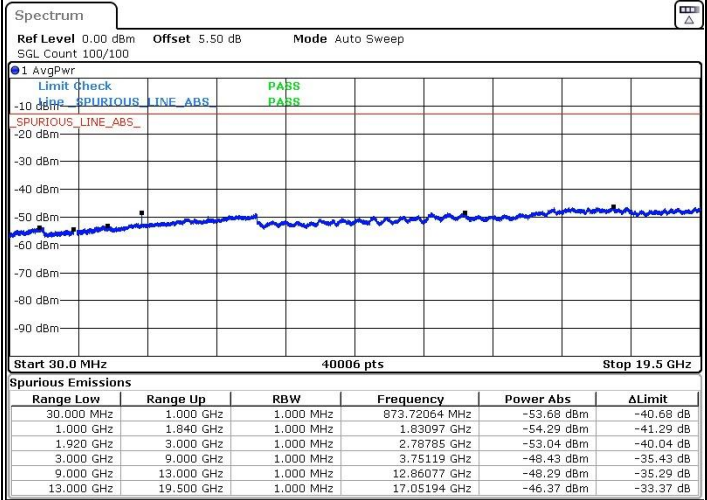
LTE Band 2 / 10MHz

Lowest Channel / QPSK



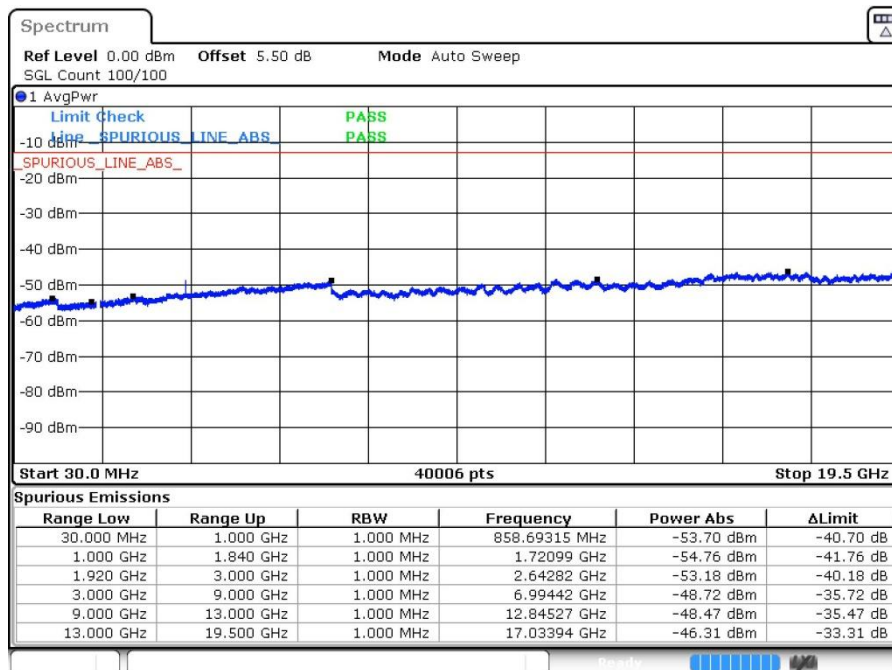
Date: 2 AUG 2021 19:45:20

Middle Channel / QPSK



Date: 2 AUG 2021 19:46:06

Highest Channel / QPSK

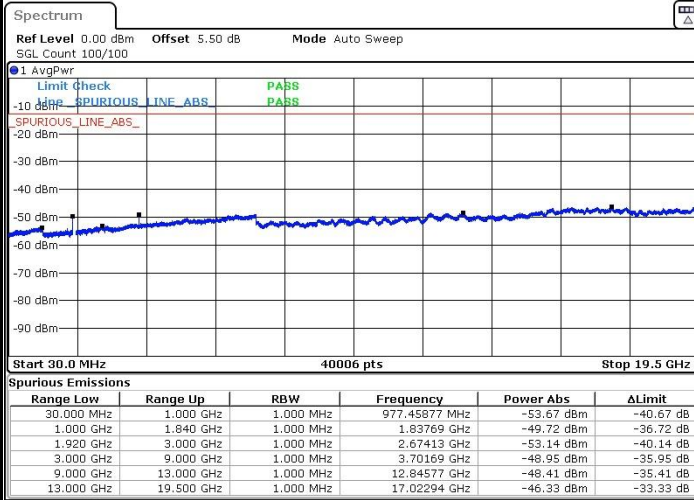


Date: 2 AUG 2021 19:46:51



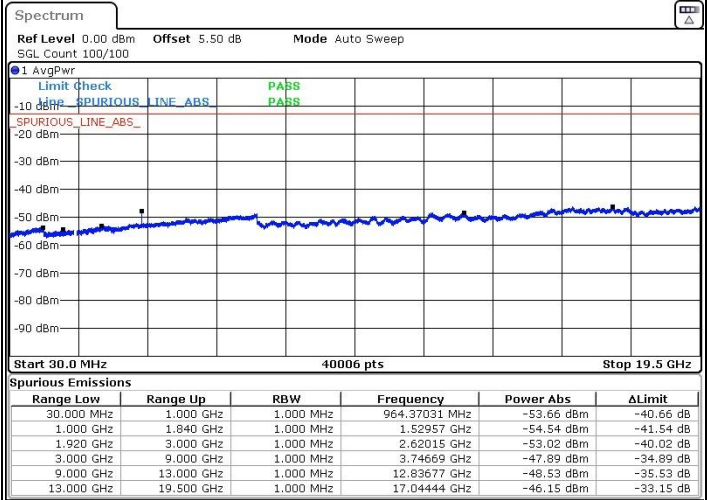
LTE Band 2 / 15MHz

Lowest Channel / QPSK



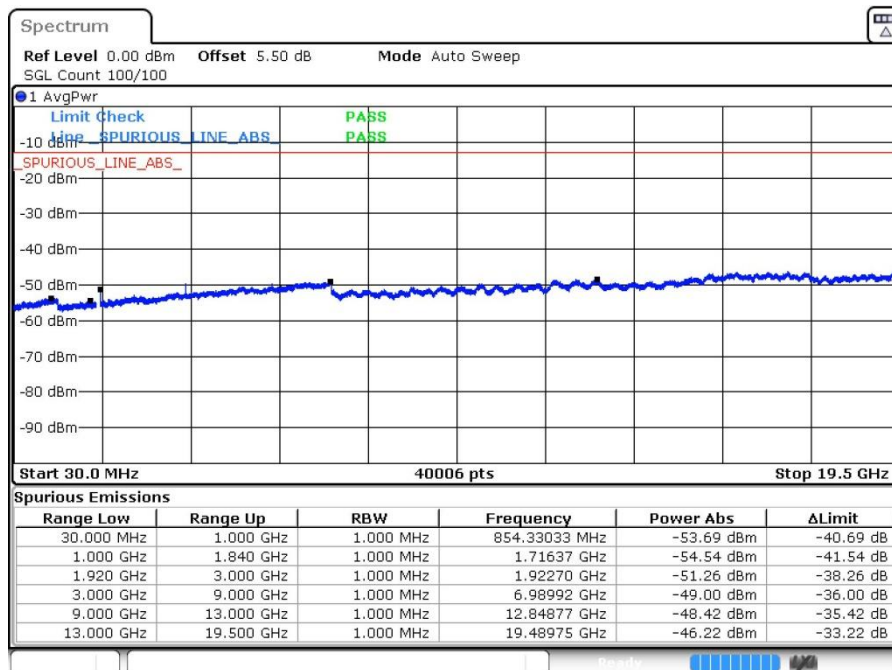
Date: 2 AUG 2021 19:51:33

Middle Channel / QPSK



Date: 2 AUG 2021 19:52:21

Highest Channel / QPSK

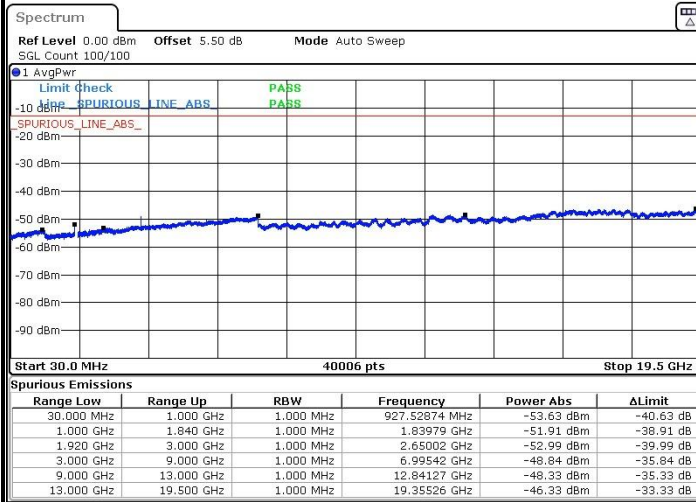


Date: 2 AUG 2021 19:53:06



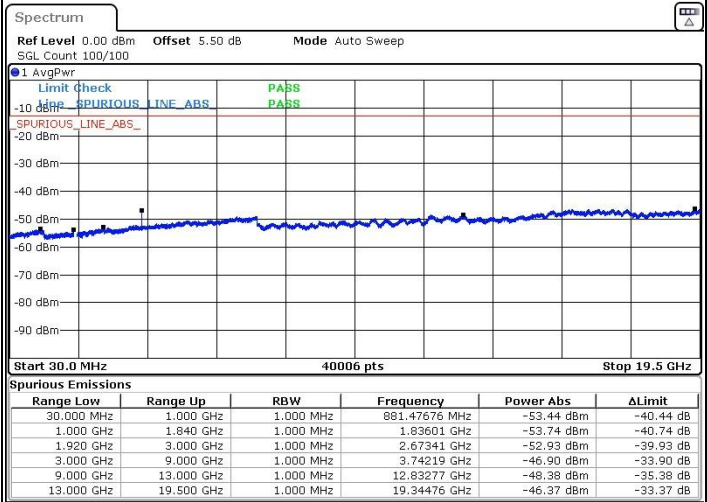
LTE Band 2 / 20MHz

Lowest Channel / QPSK



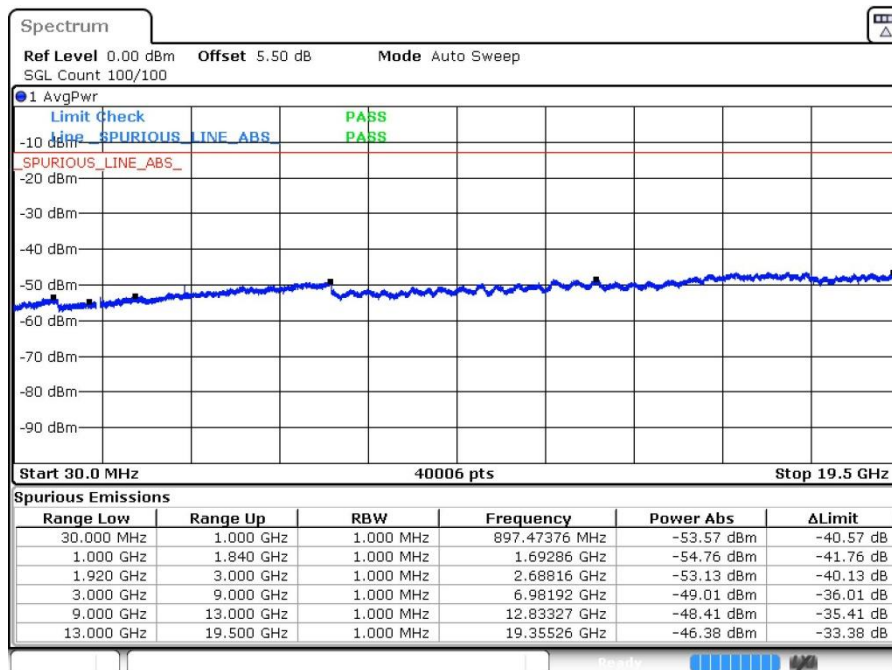
Date: 2 AUG 2021 19:58:49

Middle Channel / QPSK



Date: 2 AUG 2021 19:59:35

Highest Channel / QPSK



Date: 2 AUG 2021 20:05:15

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

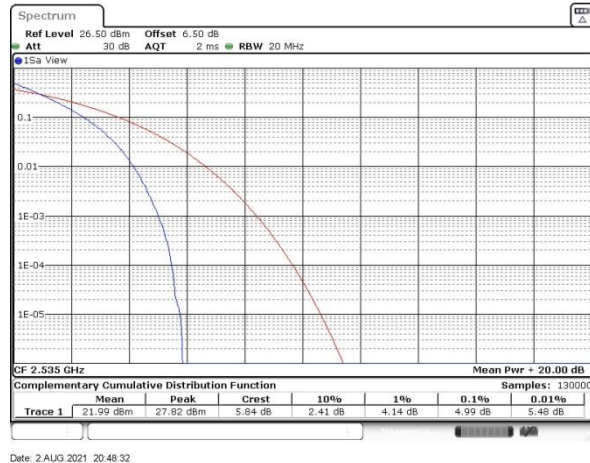
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.94	6.26	PASS

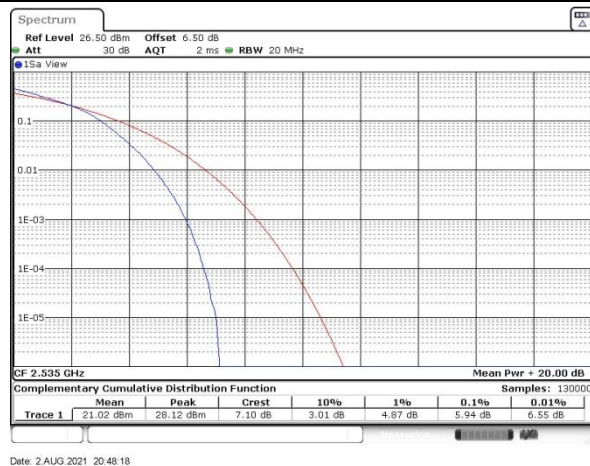


LTE Band 7 / 20MHz

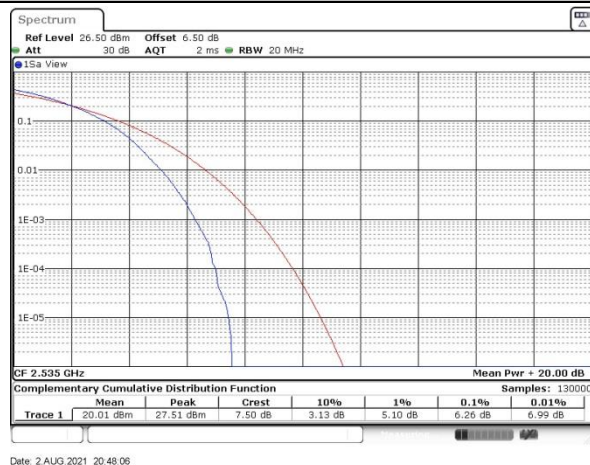
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM

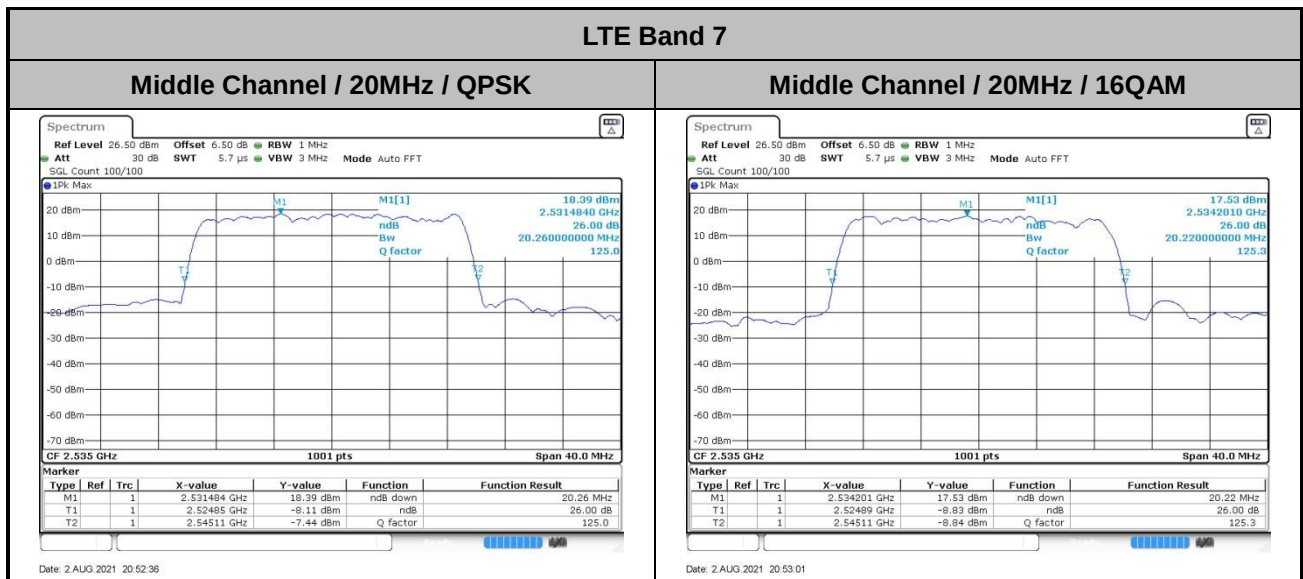


Middle Channel / Full RB/ 64QAM



**26dB Bandwidth**

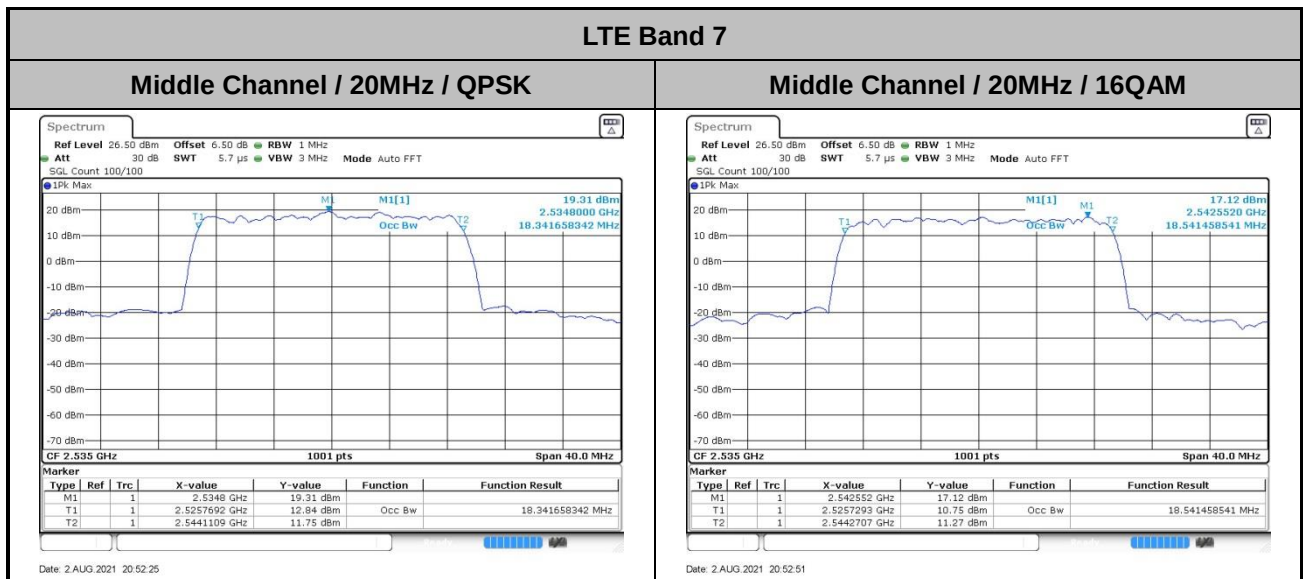
Mode	LTE Band 7 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.26	20.22





Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.34	18.54

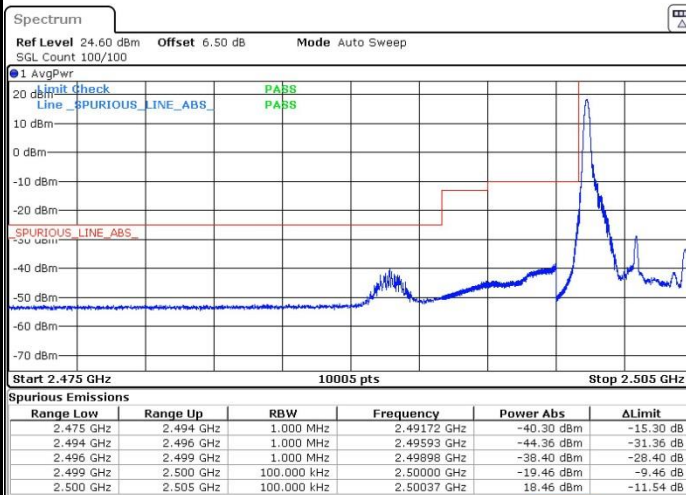




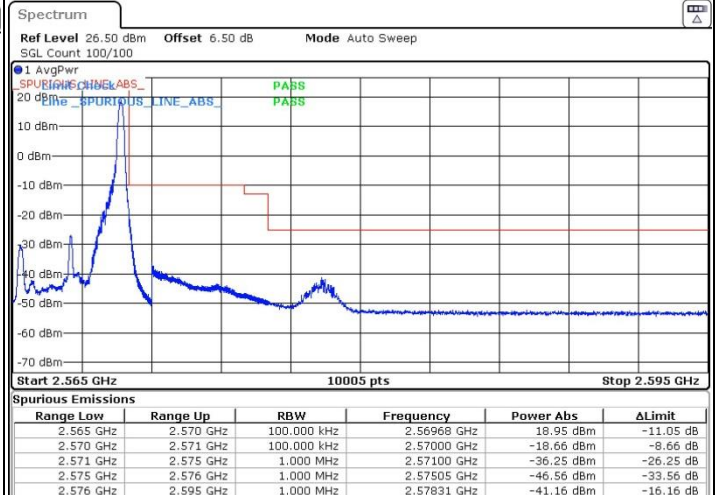
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

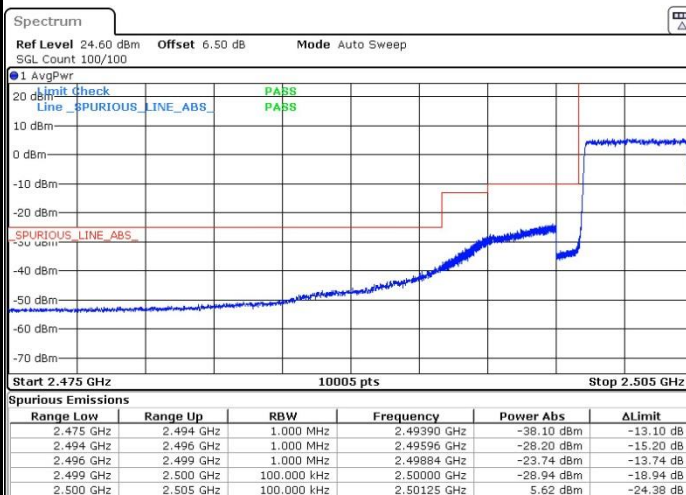
Lowest Band Edge / 1 RB



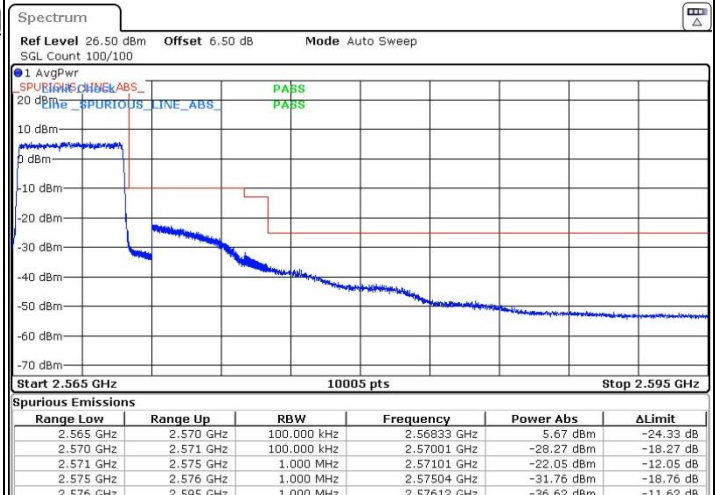
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



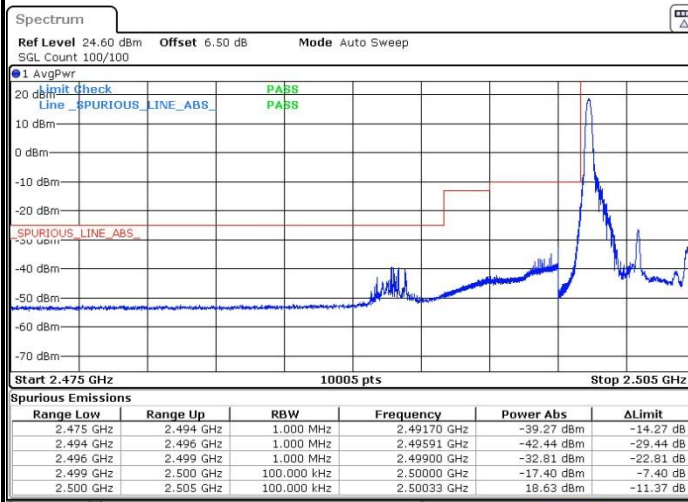
Highest Band Edge / Full RB



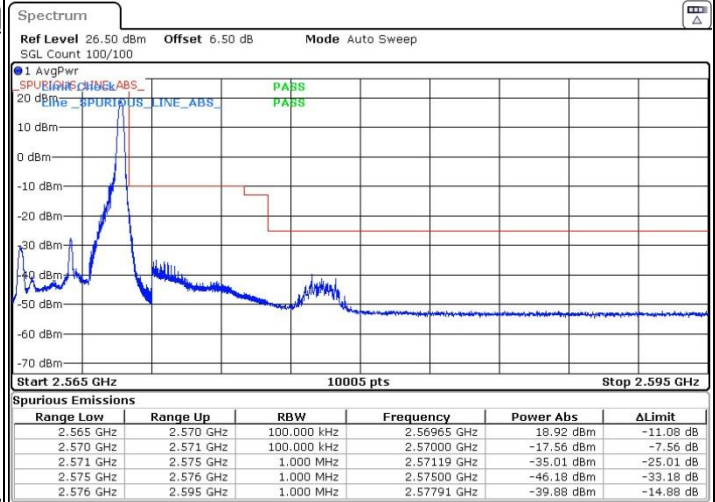


LTE Band 7 / 5MHz / 16QAM

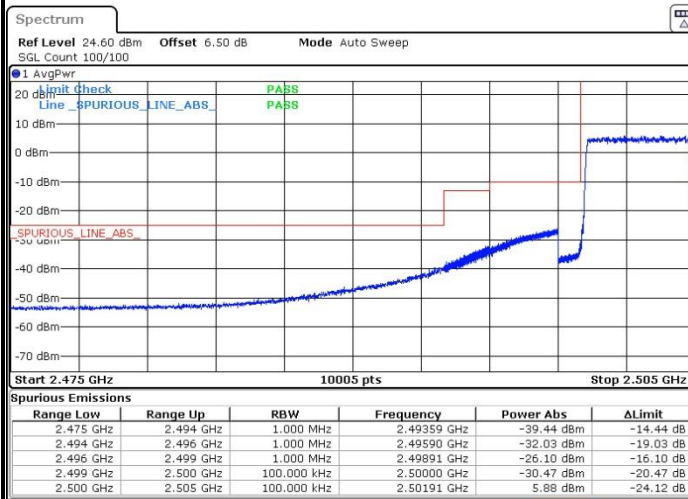
Lowest Band Edge / 1RB



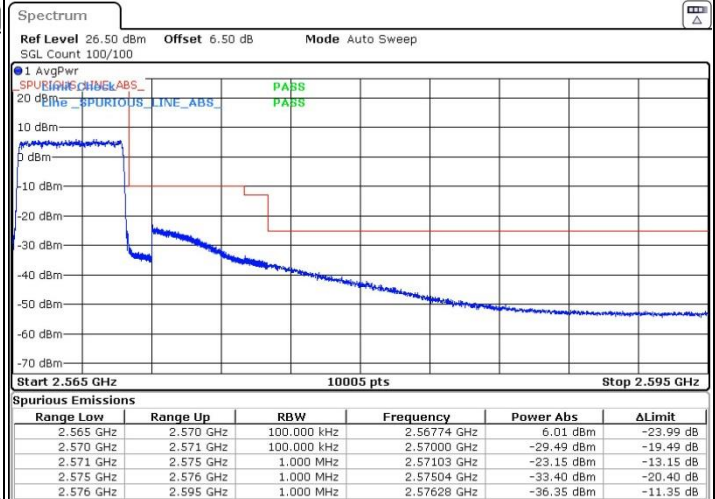
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



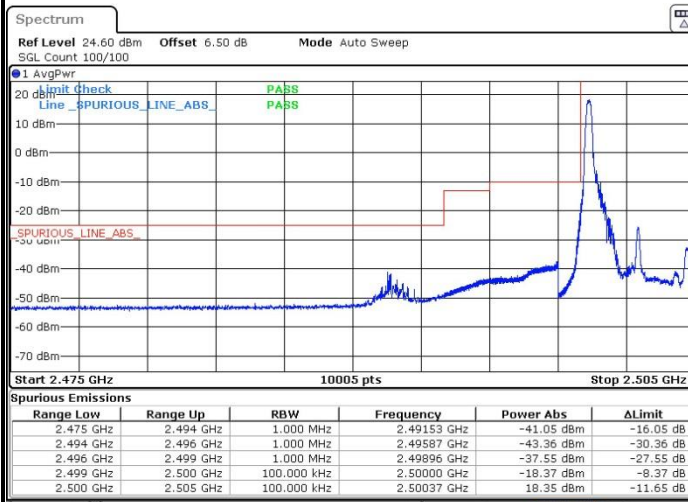
Highest Band Edge / Full RB





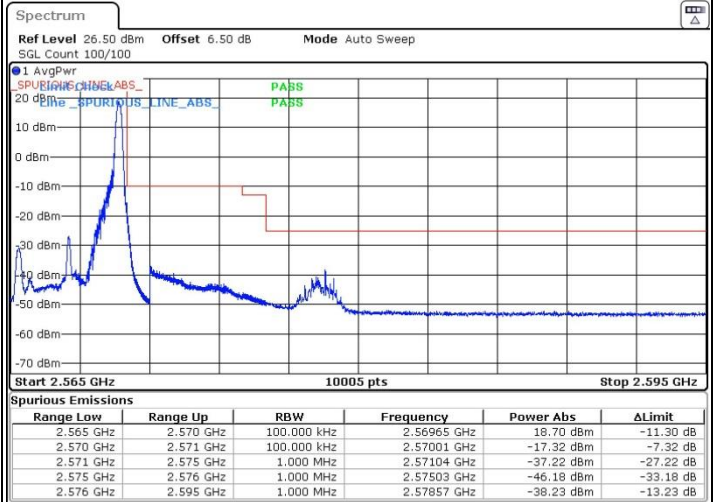
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



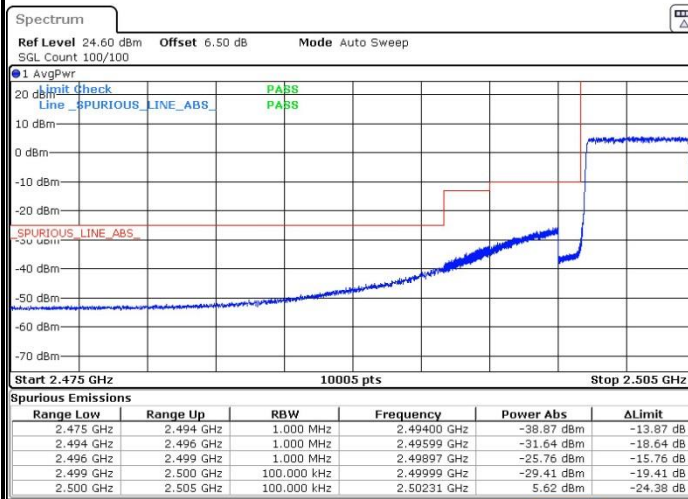
Date: 2 AUG 2021 20:13:30

Highest Band Edge / 1 RB



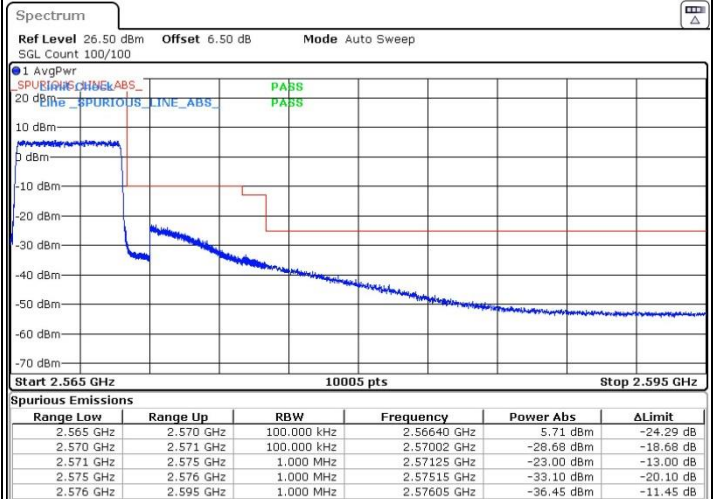
Date: 2 AUG 2021 20:19:43

Lowest Band Edge / Full RB



Date: 2 AUG 2021 20:13:06

Highest Band Edge / Full RB

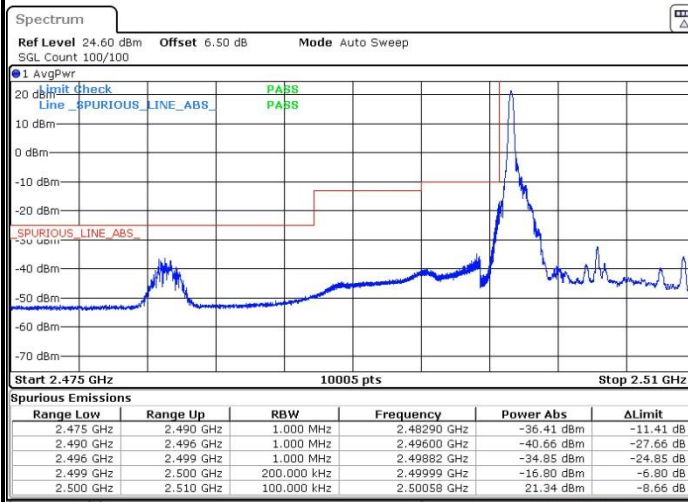


Date: 2 AUG 2021 20:19:02



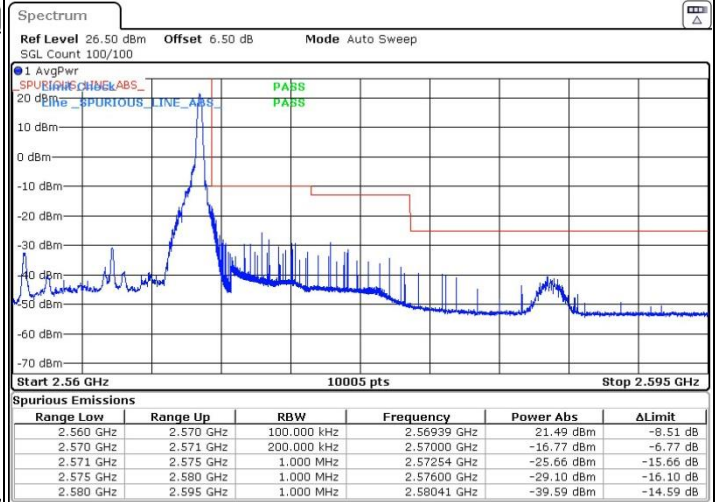
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



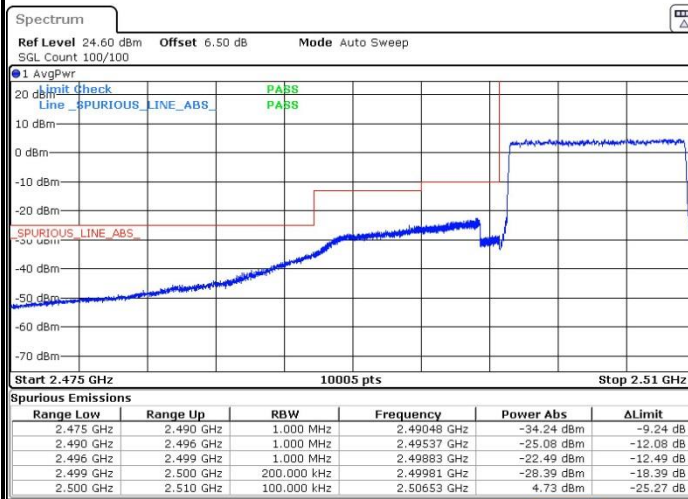
Date: 2 AUG 2021 20:23:37

Highest Band Edge / 1 RB



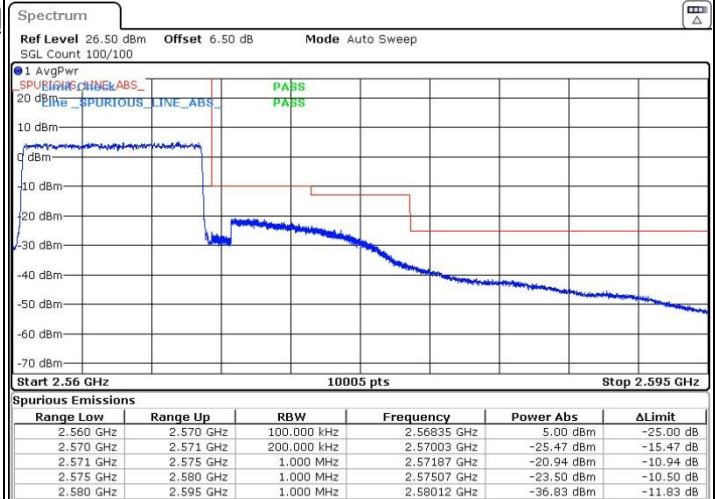
Date: 2 AUG 2021 20:30:37

Lowest Band Edge / Full RB



Date: 2 AUG 2021 20:21:39

Highest Band Edge / Full RB



Date: 2 AUG 2021 20:28:31