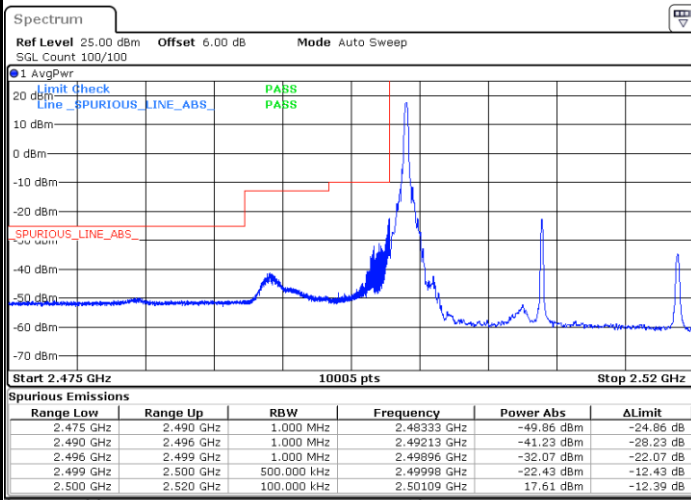




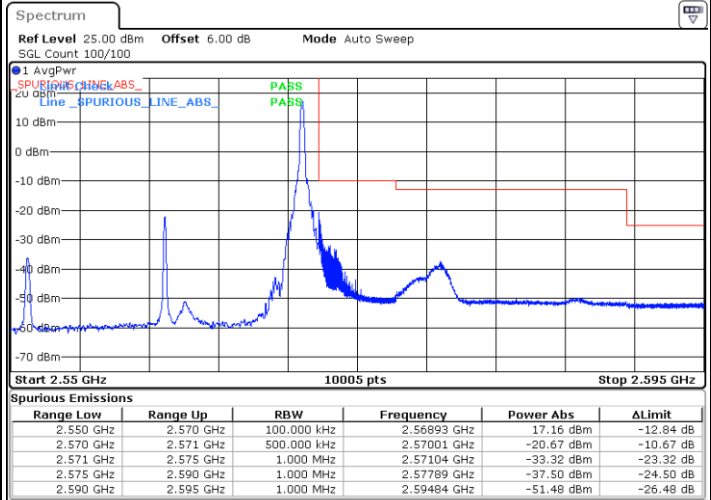
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1RB



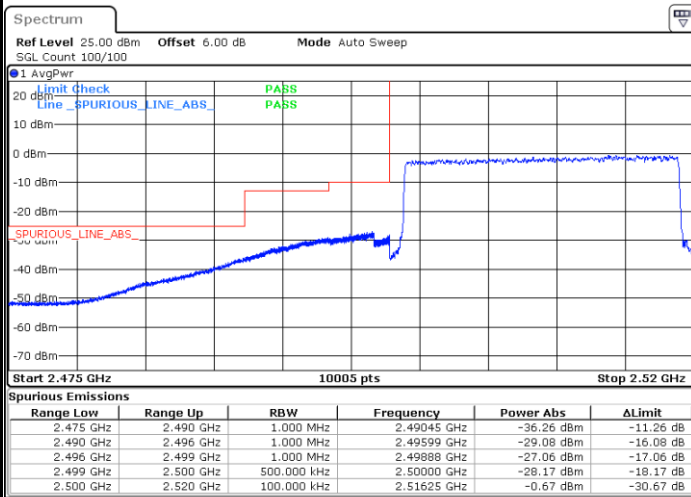
Date: 15_SEP.2022 21:48:31

Highest Band Edge / 1 RB



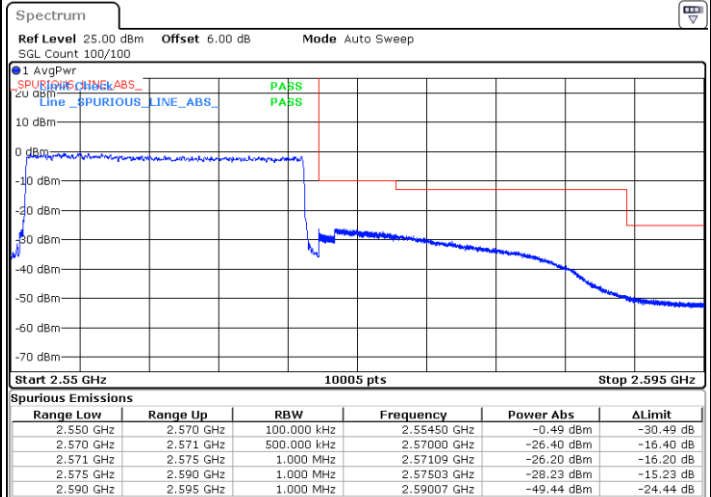
Date: 15_SEP.2022 22:29:09

Lowest Band Edge / Full RB



Date: 15_SEP.2022 21:46:27

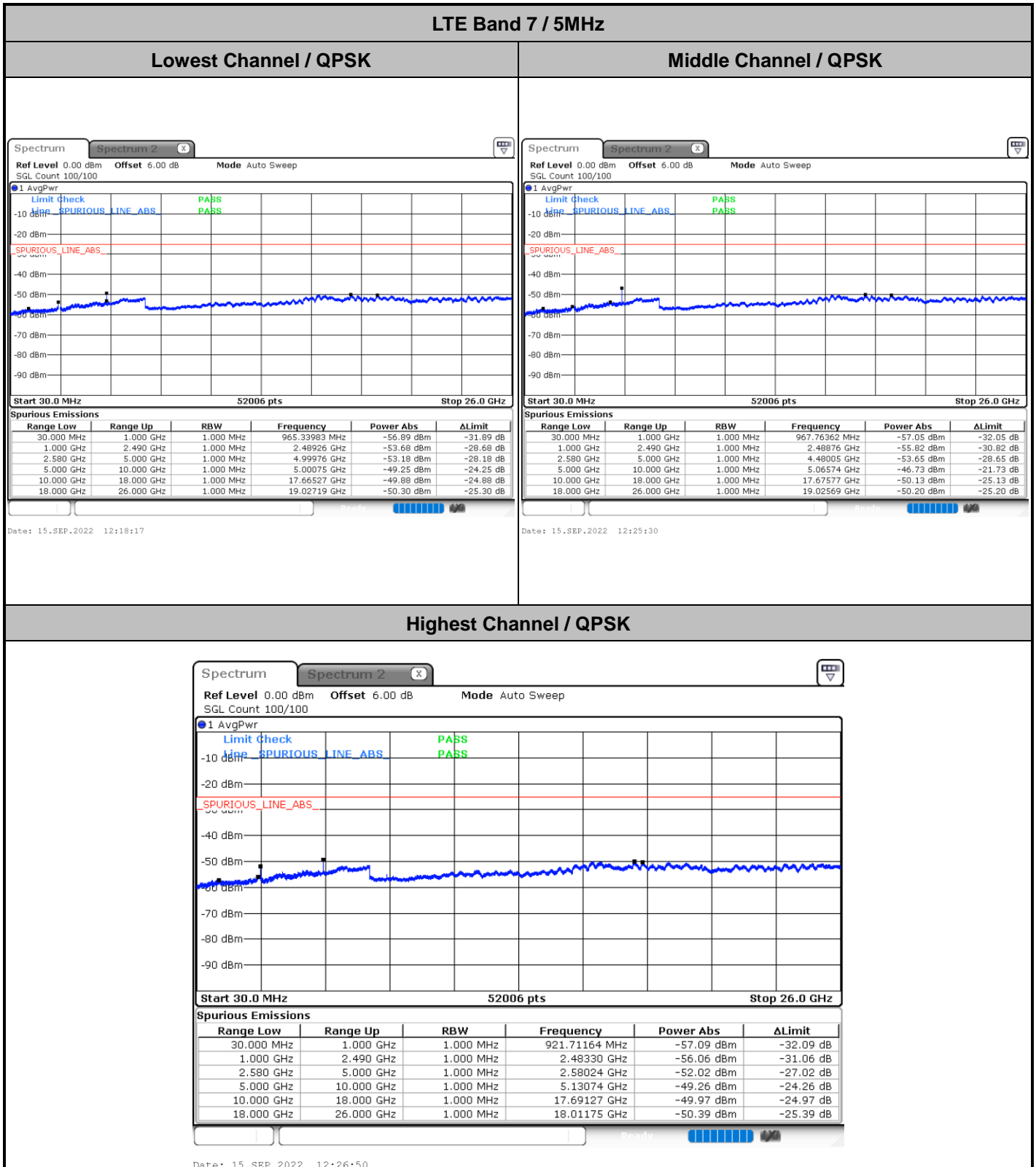
Highest Band Edge / Full RB



Date: 15_SEP.2022 22:27:46



Conducted Spurious Emission

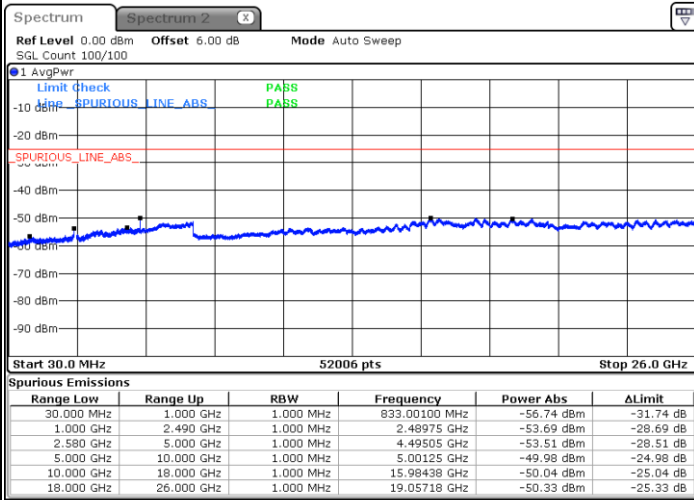




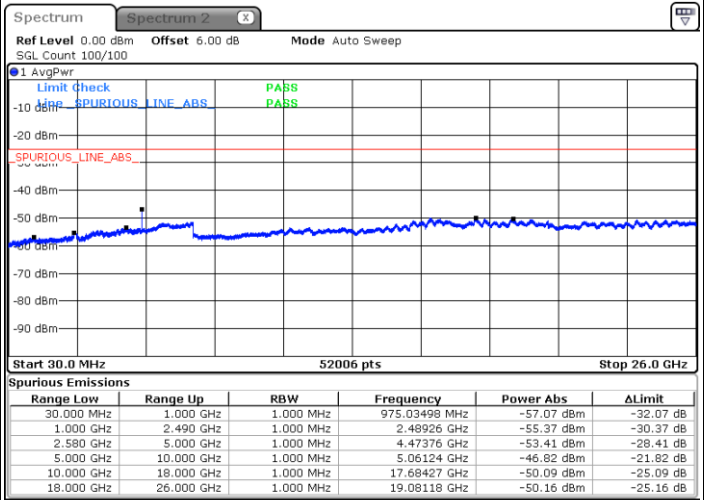
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

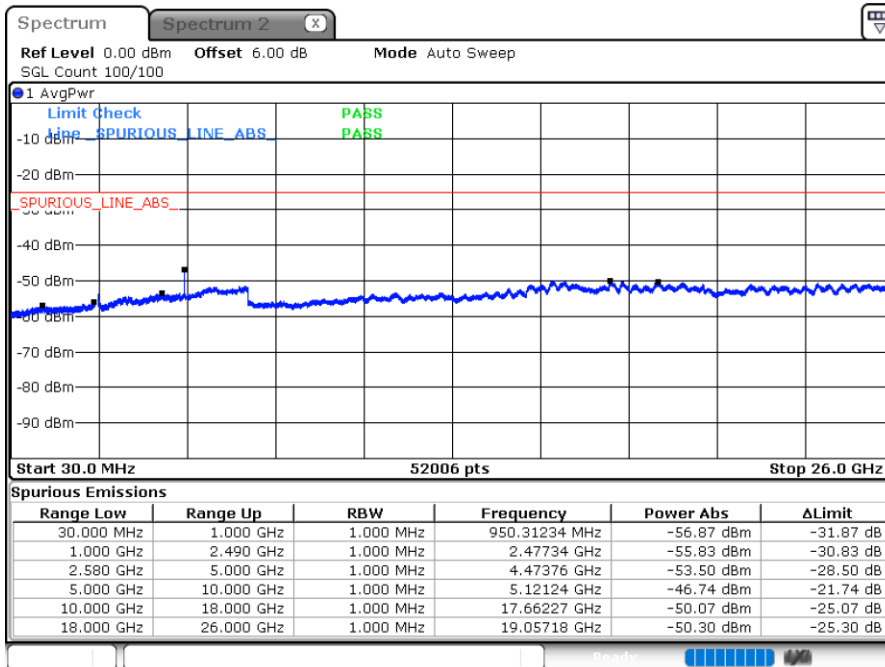


Date: 15_SEP.2022 12:32:43



Date: 15_SEP.2022 12:43:30

Highest Channel / QPSK



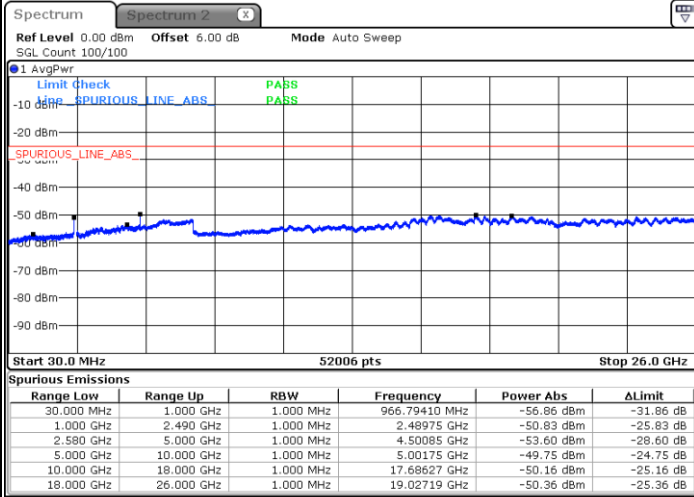
Date: 15_SEP.2022 12:44:49



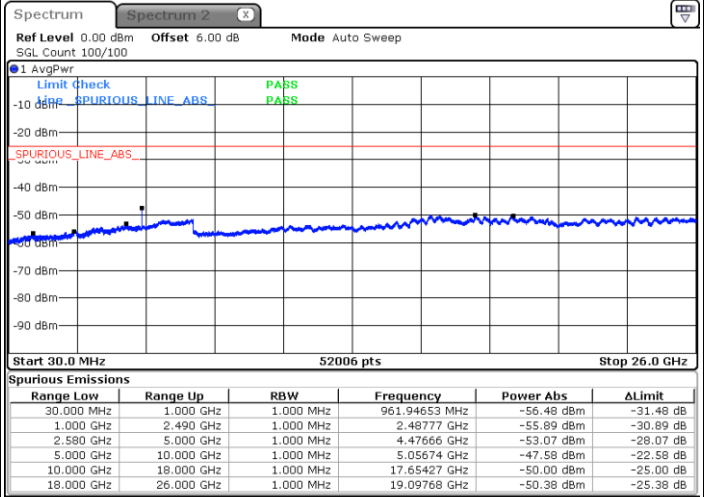
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

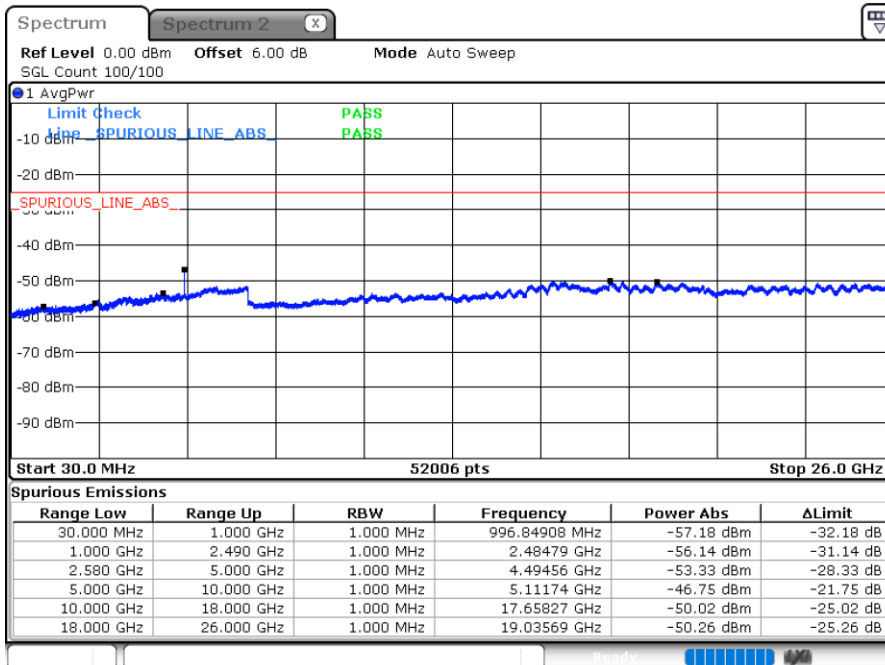


Date: 15_SEP.2022 12:55:29



Date: 15_SEP.2022 13:02:08

Highest Channel / QPSK



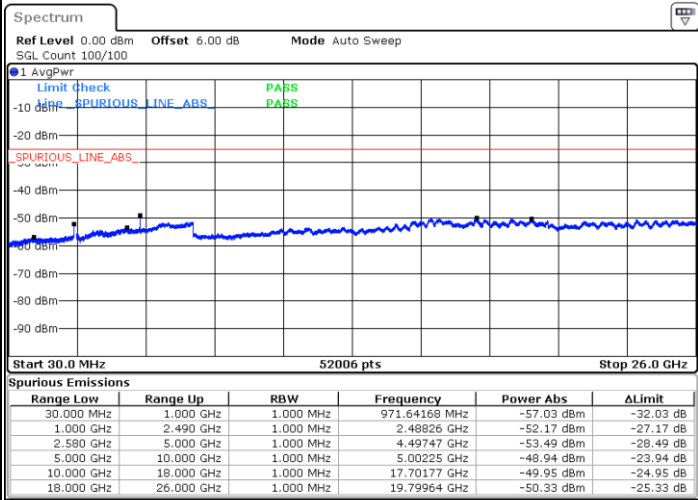
Date: 15_SEP.2022 13:03:27



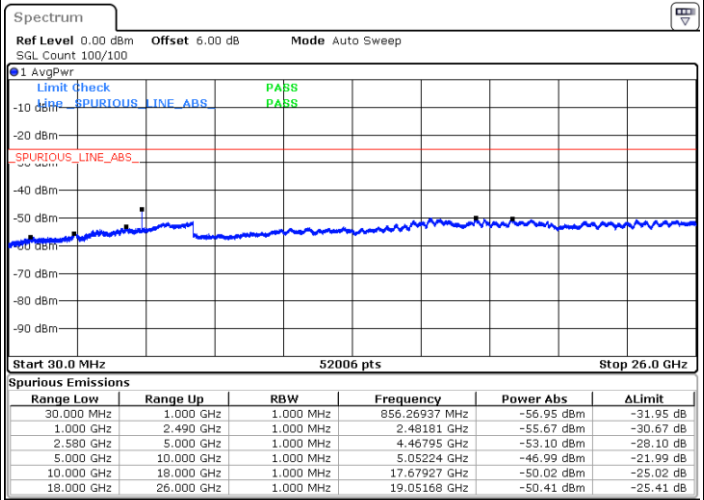
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

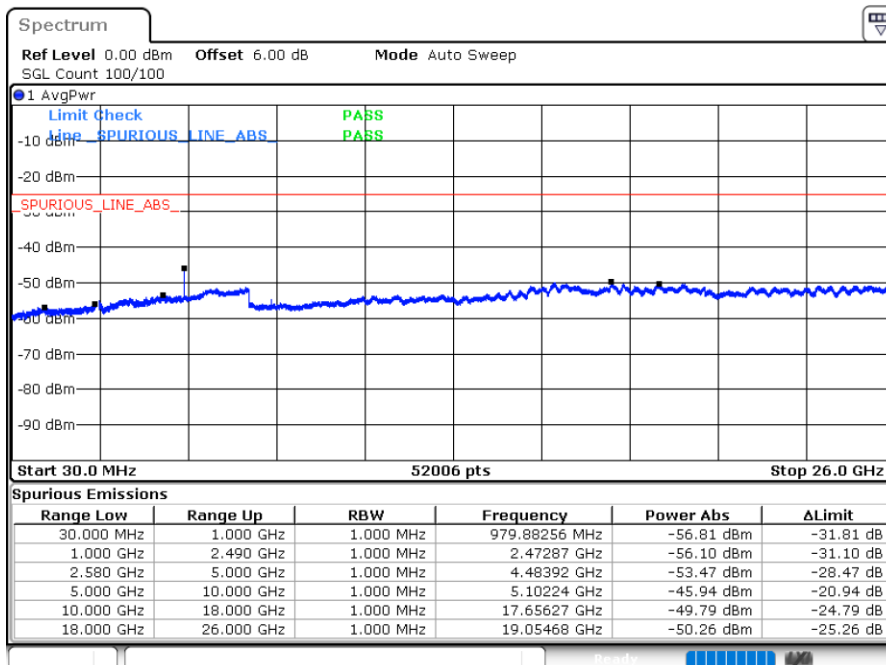


Date: 15_SEP.2022 21:52:18



Date: 15_SEP.2022 22:18:17

Highest Channel / QPSK



Date: 15_SEP.2022 22:36:16



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0009	

Note:

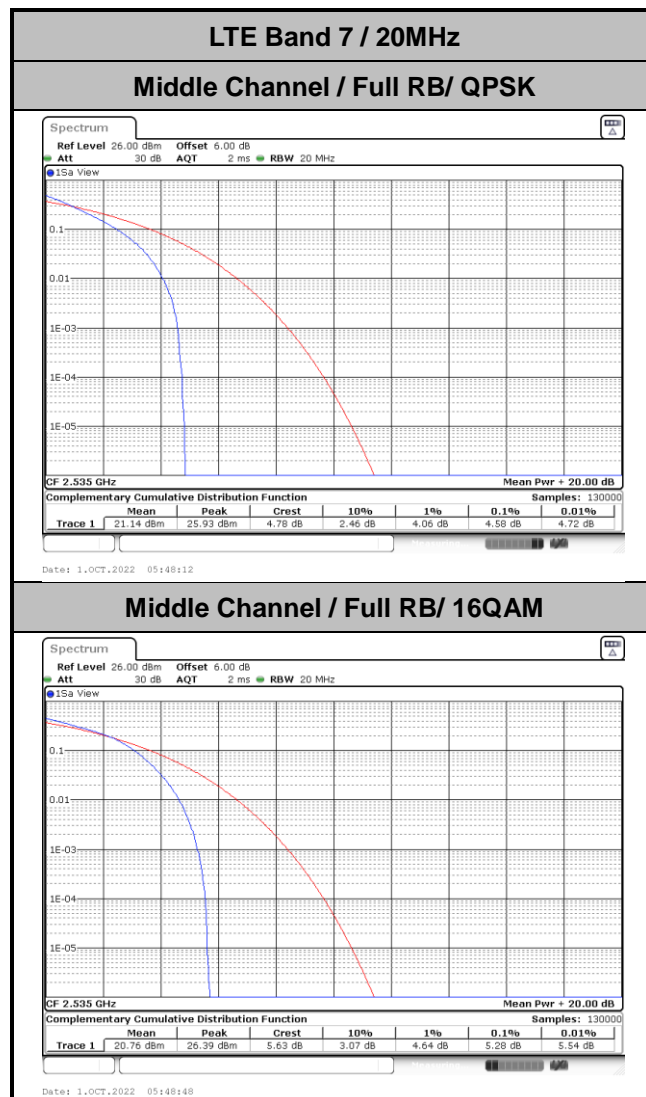
1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.27 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

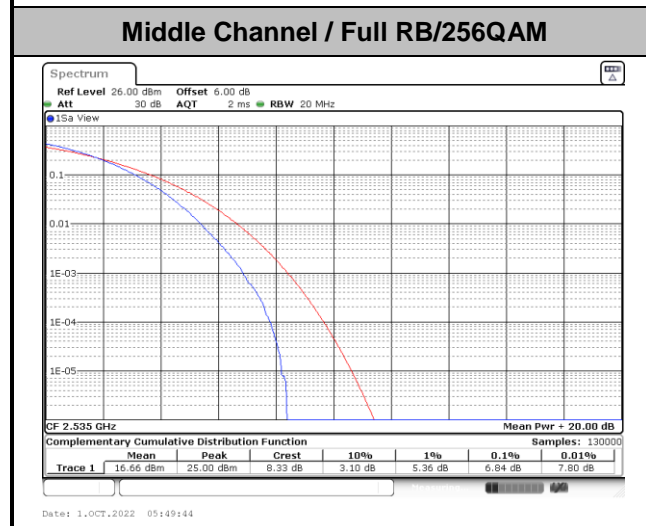
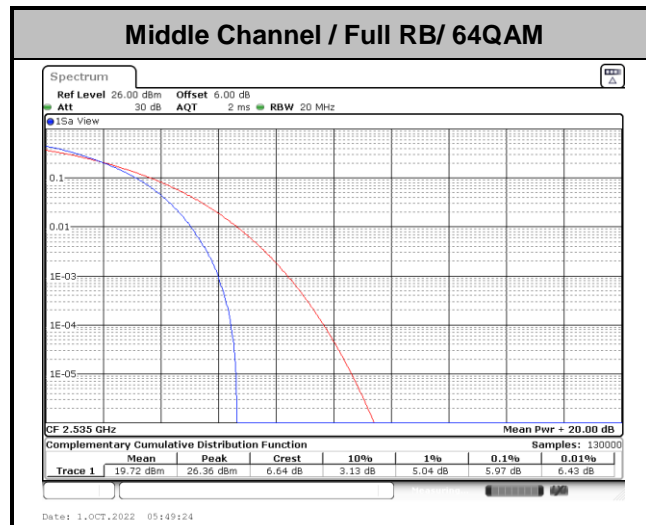


LTE Band 7(PA2 EN-DC 7A-n5A)

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.58	5.28	5.97	6.84	PASS

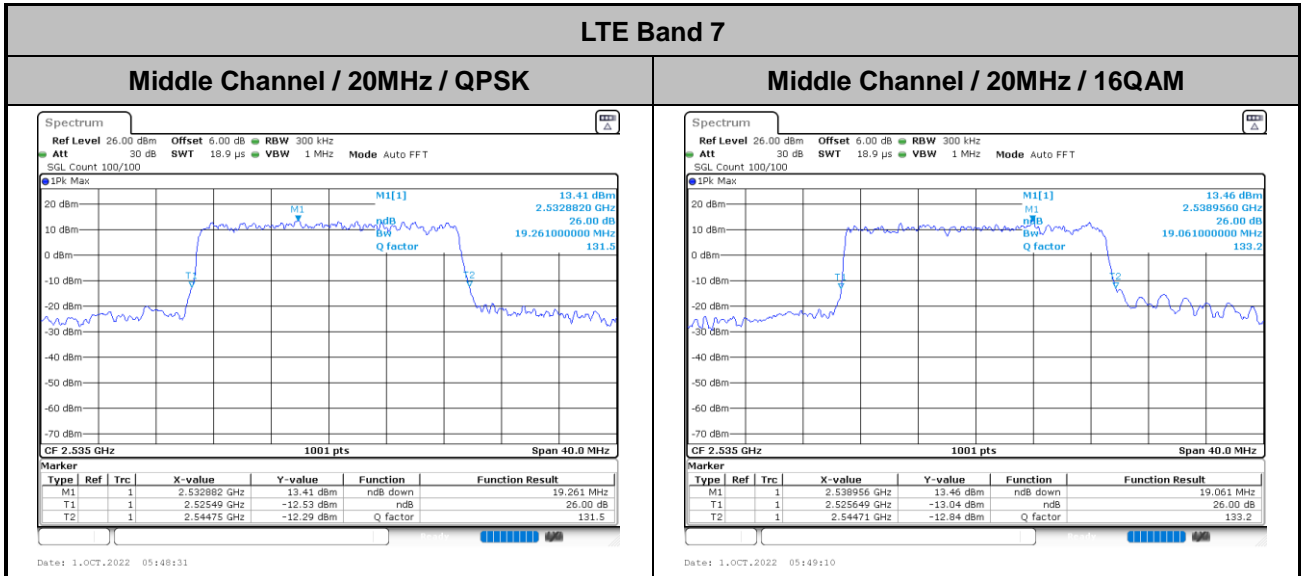






26dB Bandwidth

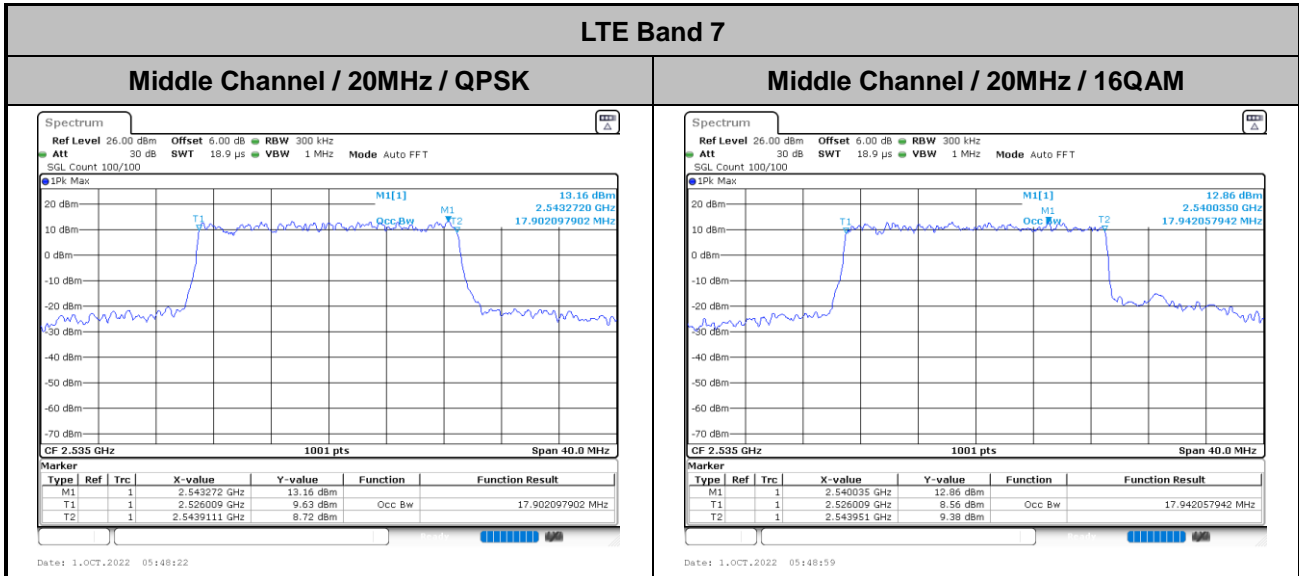
Mode	LTE Band 7 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.26	19.06





Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.94

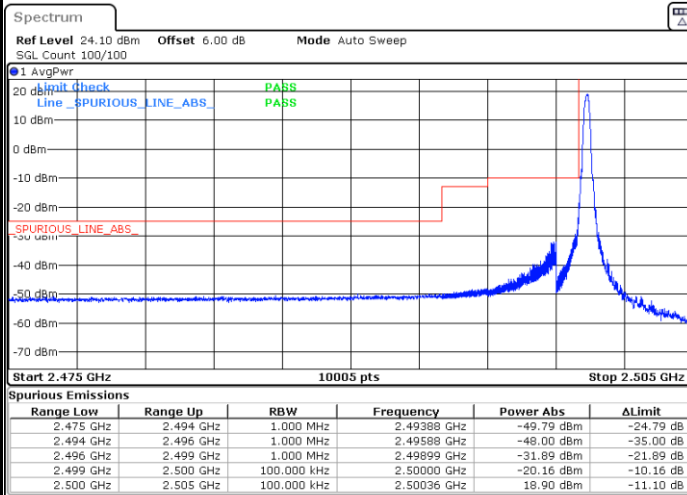




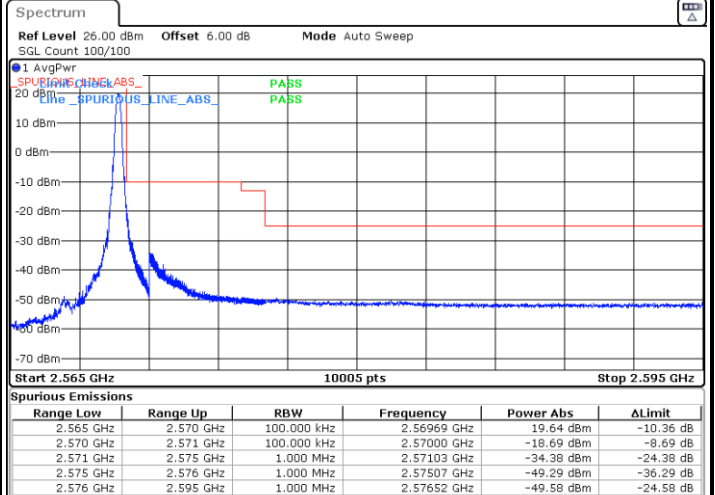
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

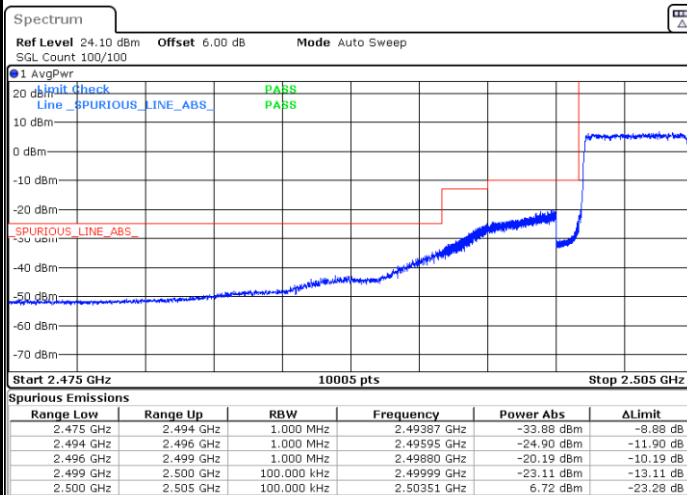
Lowest Band Edge / 1 RB



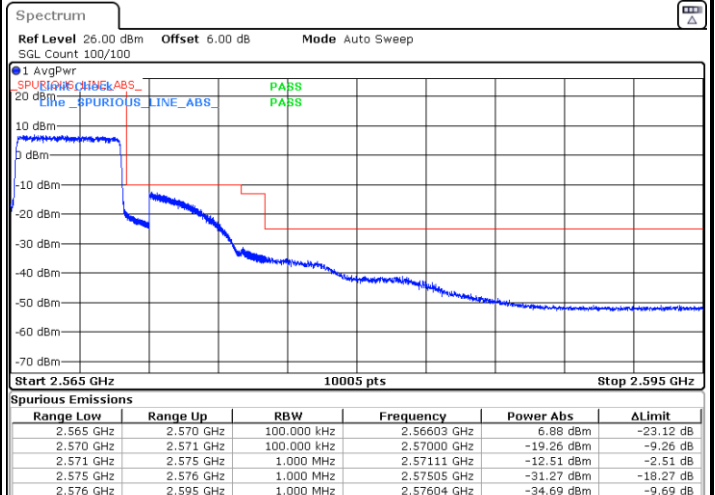
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



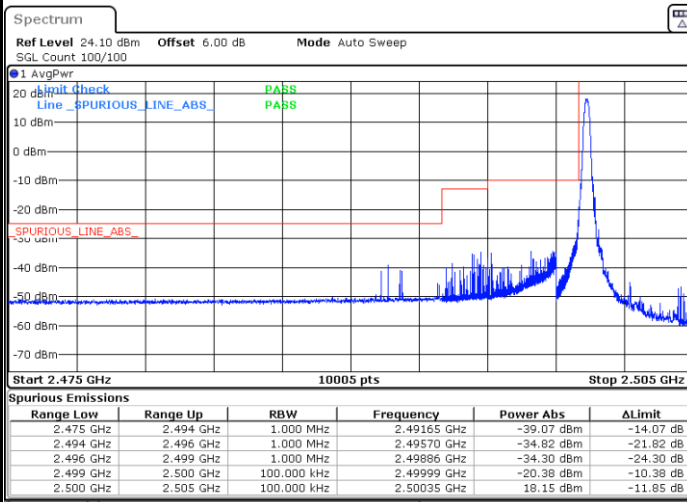
Highest Band Edge / Full RB





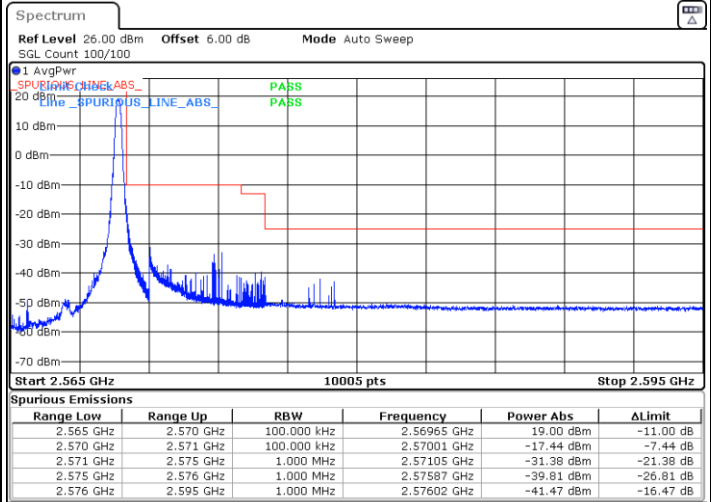
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



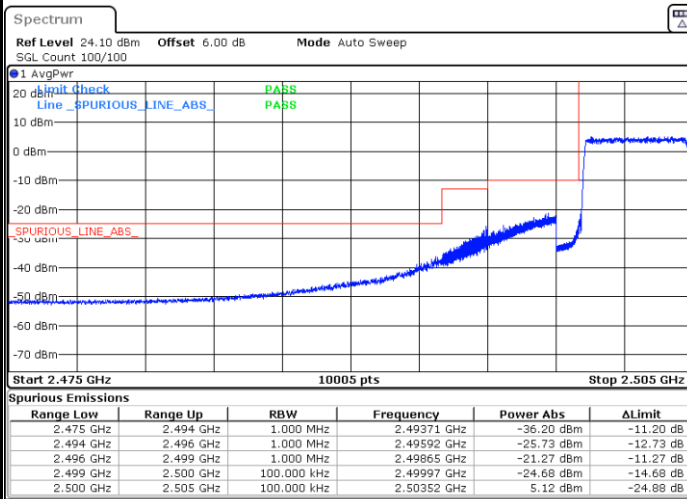
Date: 1.OCT.2022 07:20:18

Highest Band Edge / 1 RB



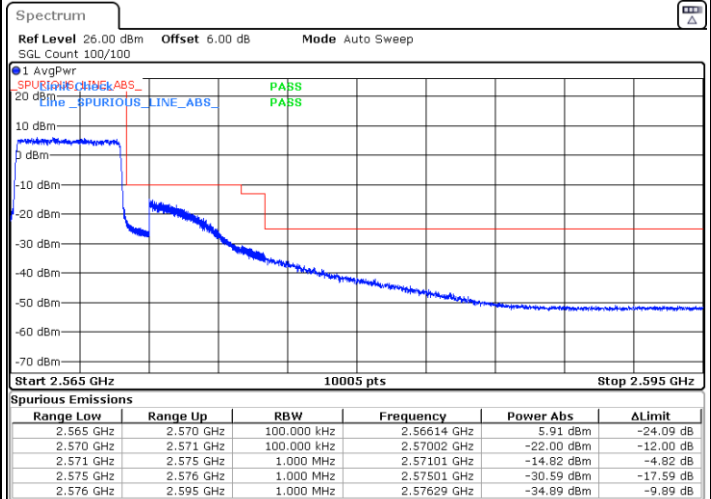
Date: 1.OCT.2022 07:33:04

Lowest Band Edge / Full RB



Date: 1.OCT.2022 07:28:58

Highest Band Edge / Full RB

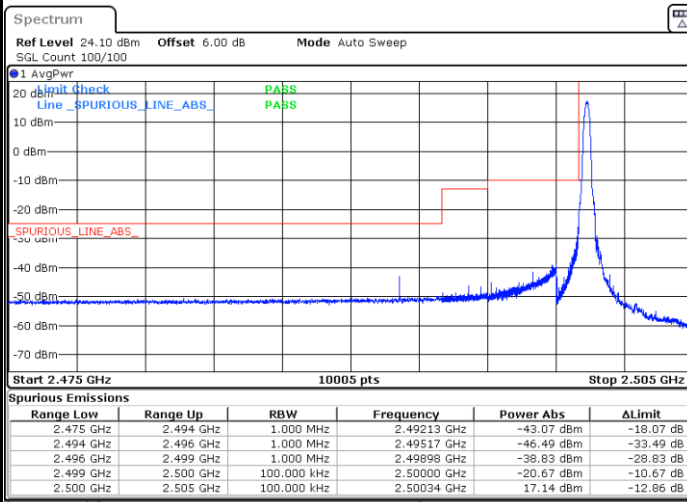


Date: 1.OCT.2022 07:30:40

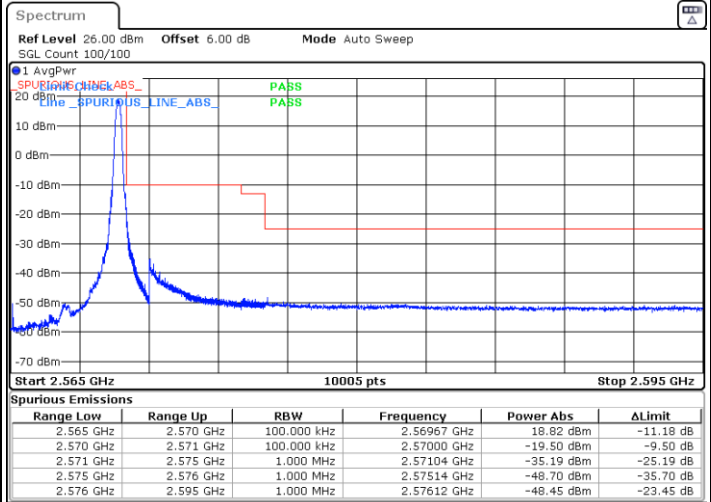


LTE Band 7 / 5MHz / 64QAM

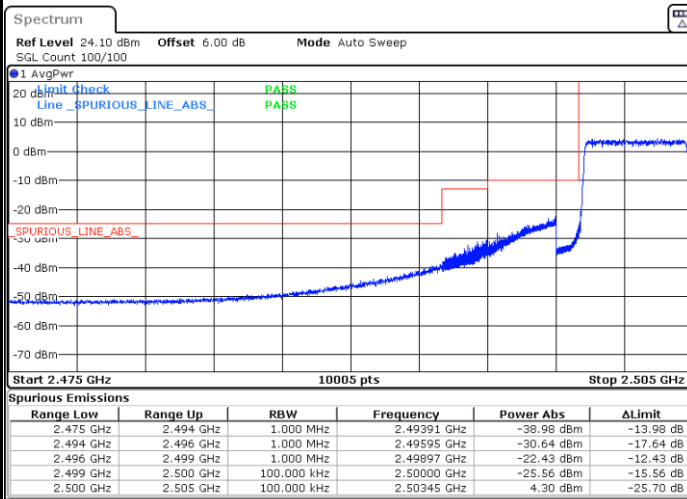
Lowest Band Edge / 1RB



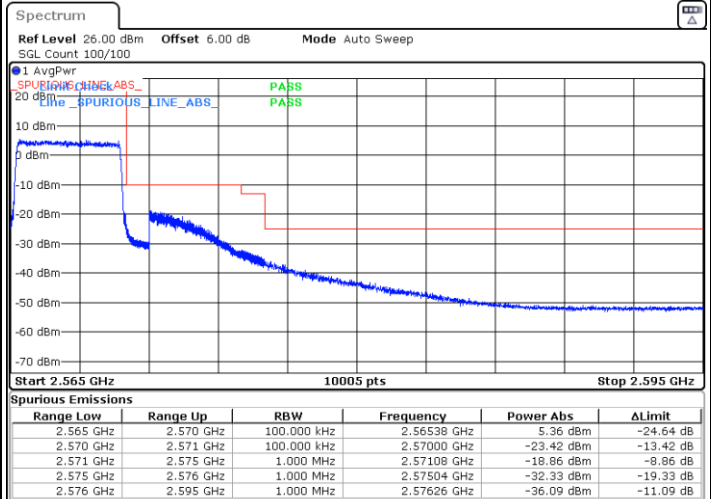
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



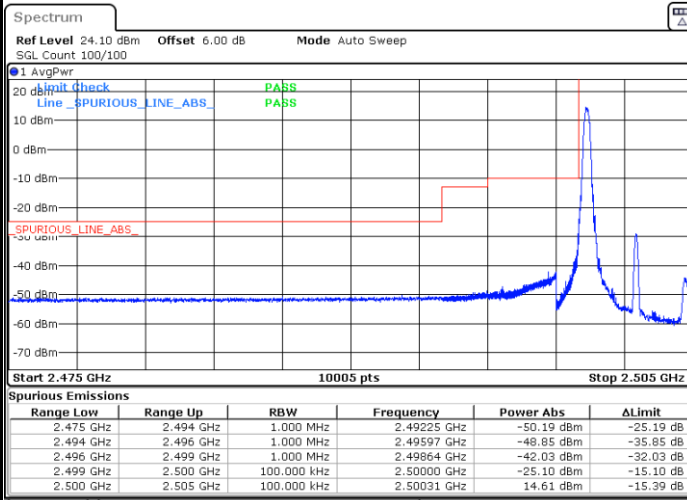
Highest Band Edge / Full RB





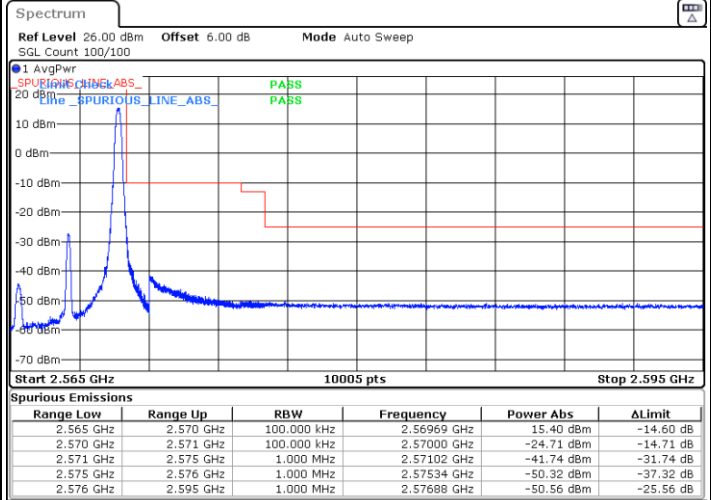
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



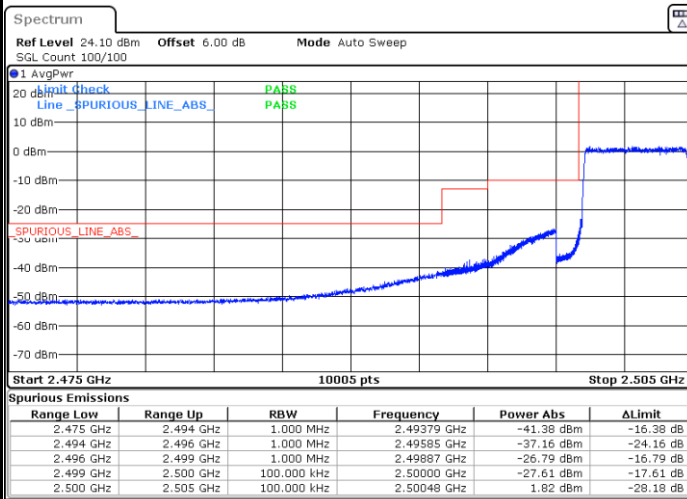
Date: 1.OCT.2022 07:21:06

Highest Band Edge / 1 RB



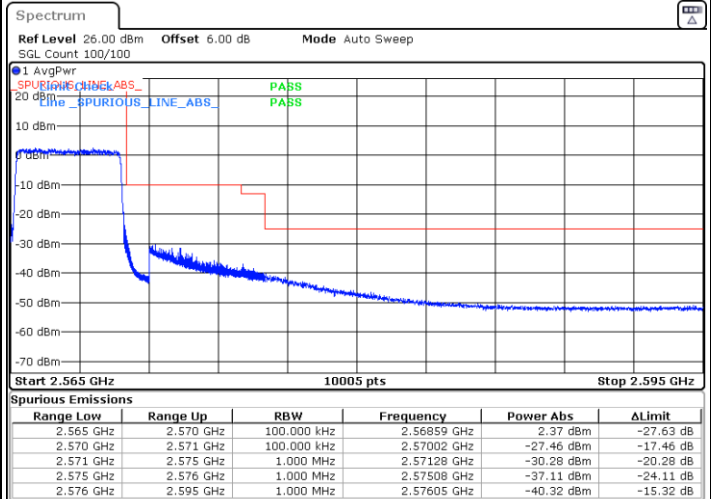
Date: 1.OCT.2022 07:32:09

Lowest Band Edge / Full RB



Date: 1.OCT.2022 07:22:58

Highest Band Edge / Full RB



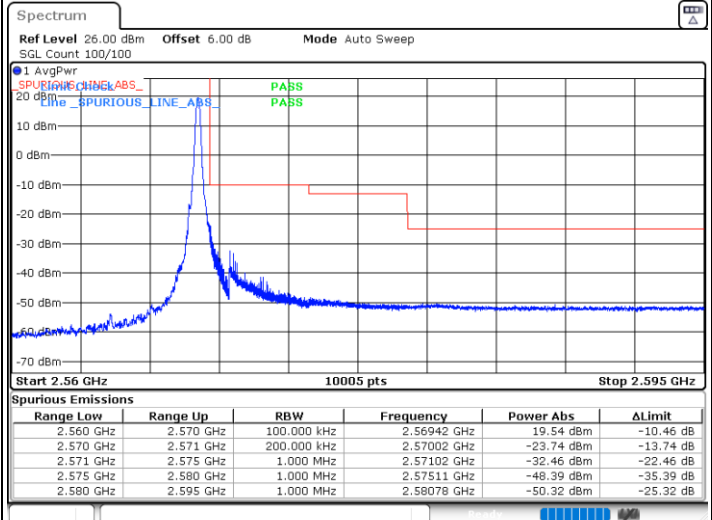
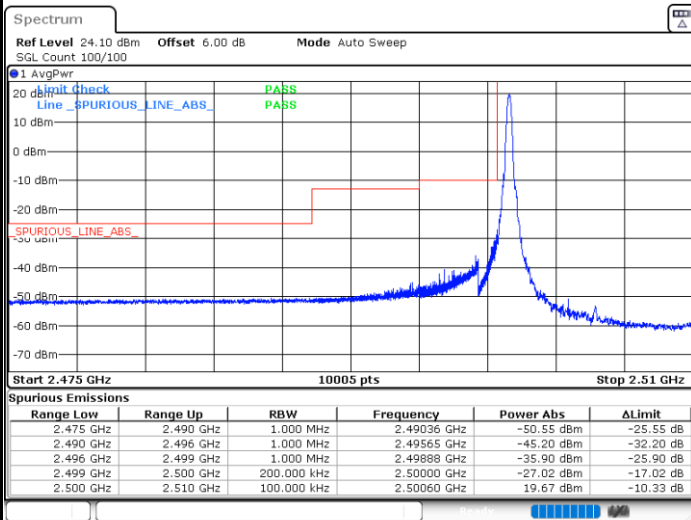
Date: 1.OCT.2022 07:31:33



LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

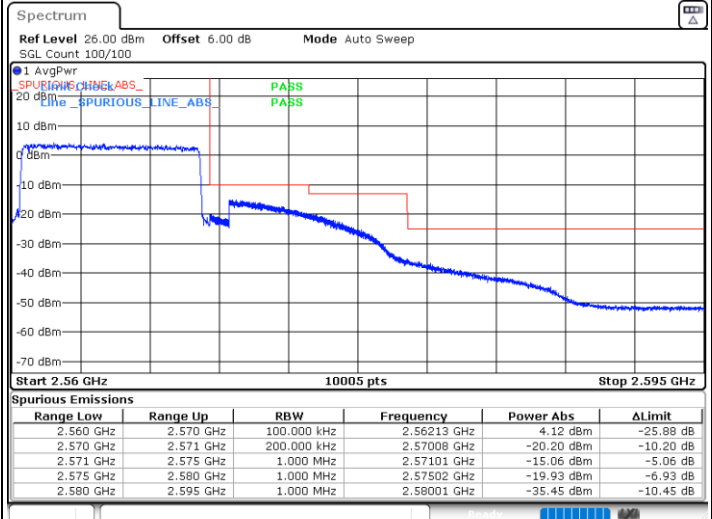
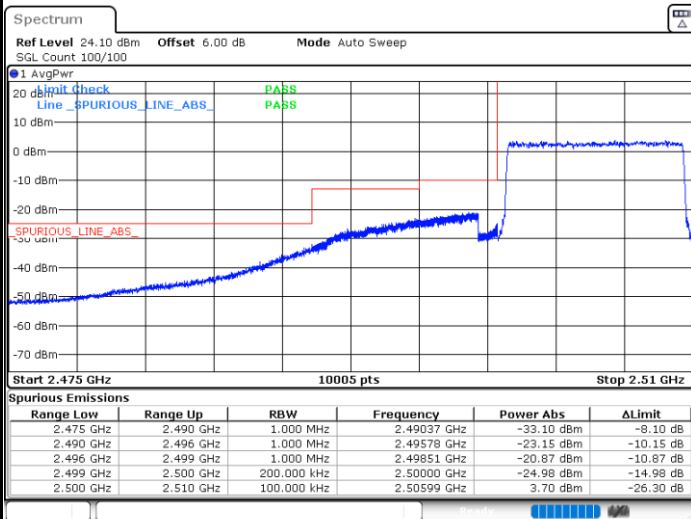


Date: 1.OCT.2022 07:00:10

Date: 1.OCT.2022 07:09:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.OCT.2022 07:02:58

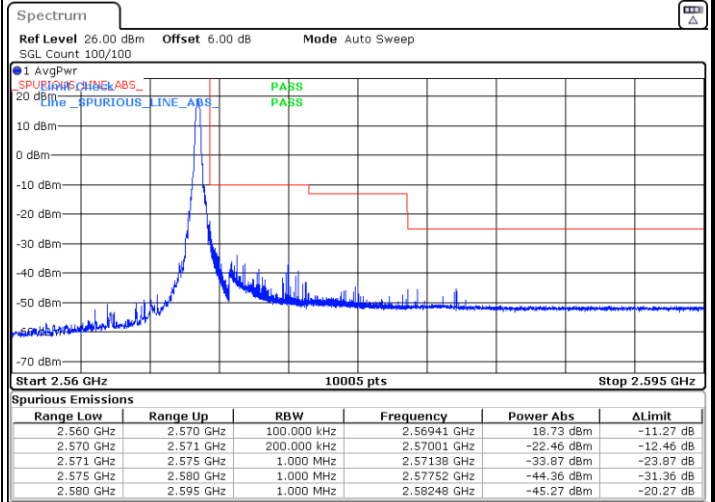
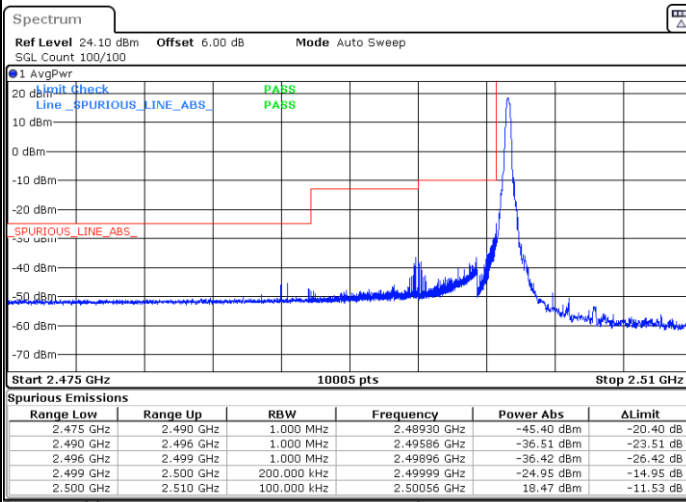
Date: 1.OCT.2022 07:06:34



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

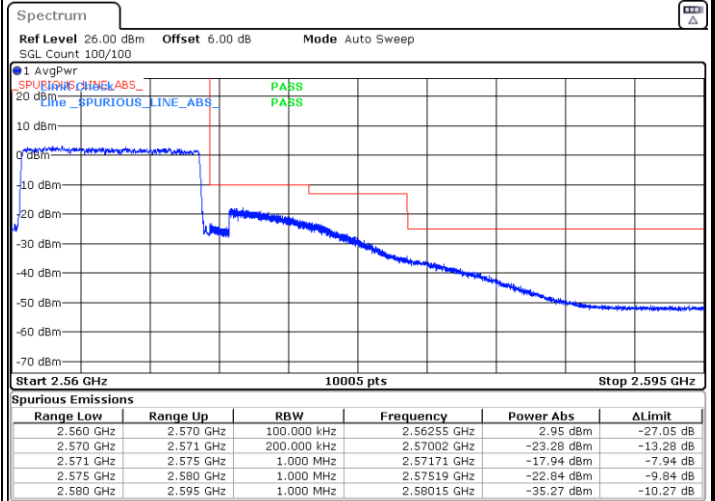
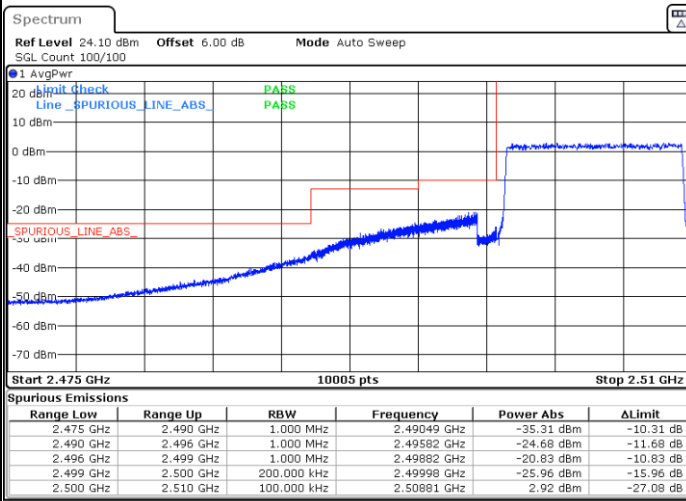


Date: 1.OCT.2022 07:00:35

Date: 1.OCT.2022 07:09:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



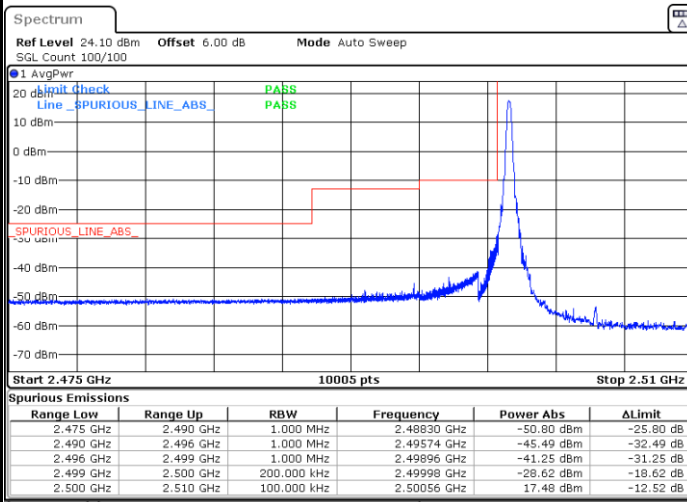
Date: 1.OCT.2022 07:02:36

Date: 1.OCT.2022 07:06:55



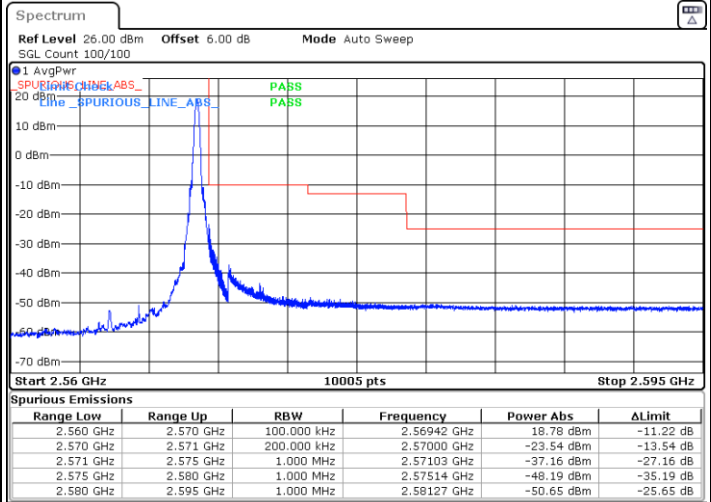
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



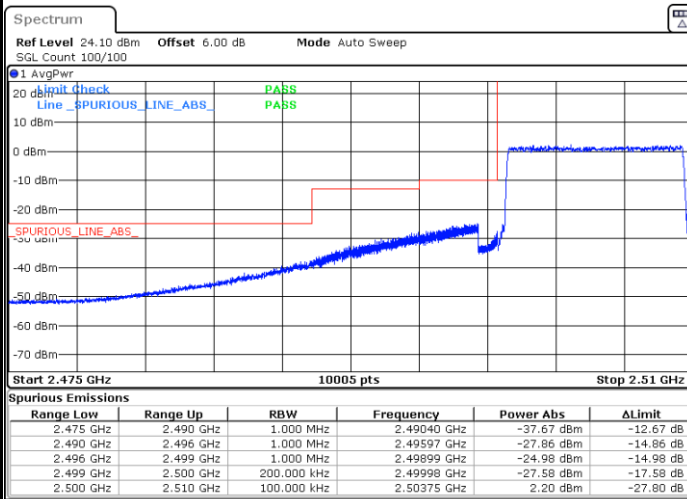
Date: 1.OCT.2022 07:01:10

Highest Band Edge / 1 RB



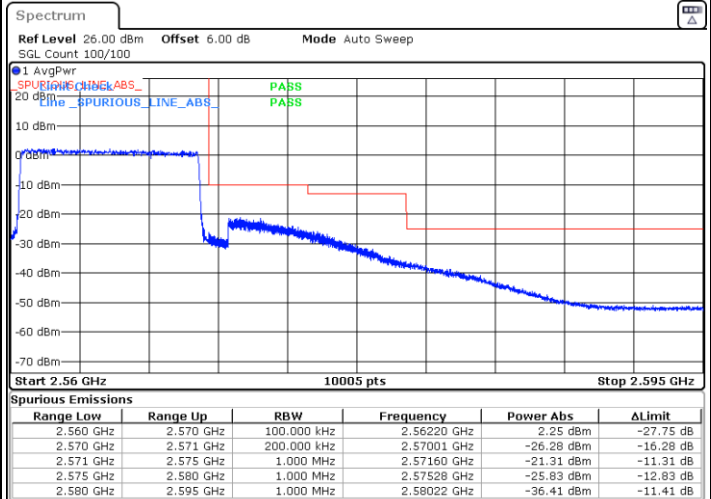
Date: 1.OCT.2022 07:08:56

Lowest Band Edge / Full RB



Date: 1.OCT.2022 07:02:17

Highest Band Edge / Full RB

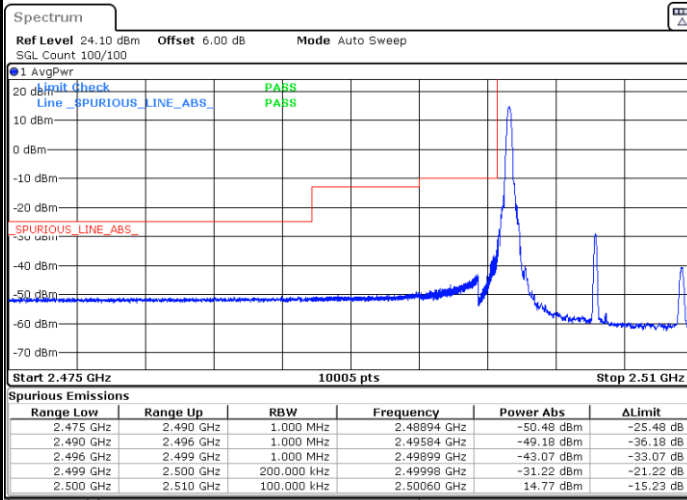


Date: 1.OCT.2022 07:07:41



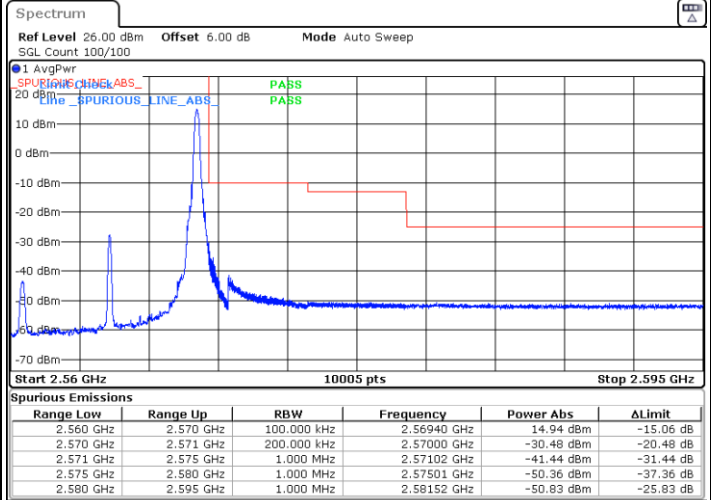
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1RB



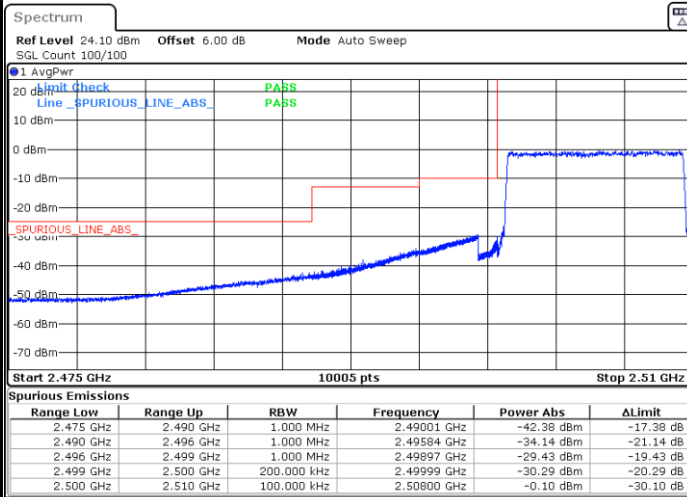
Date: 1.OCT.2022 07:01:33

Highest Band Edge / 1 RB



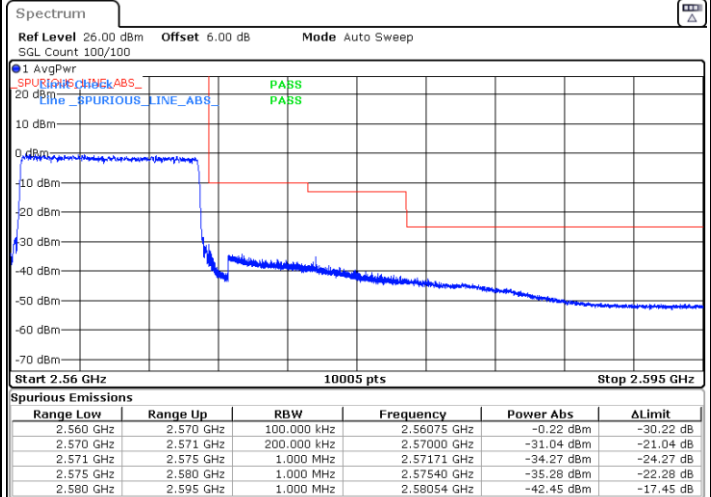
Date: 1.OCT.2022 07:08:34

Lowest Band Edge / Full RB



Date: 1.OCT.2022 07:01:56

Highest Band Edge / Full RB

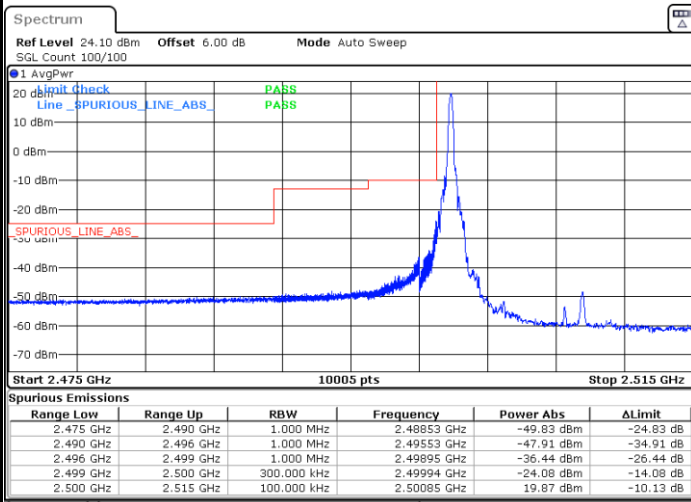


Date: 1.OCT.2022 07:08:09



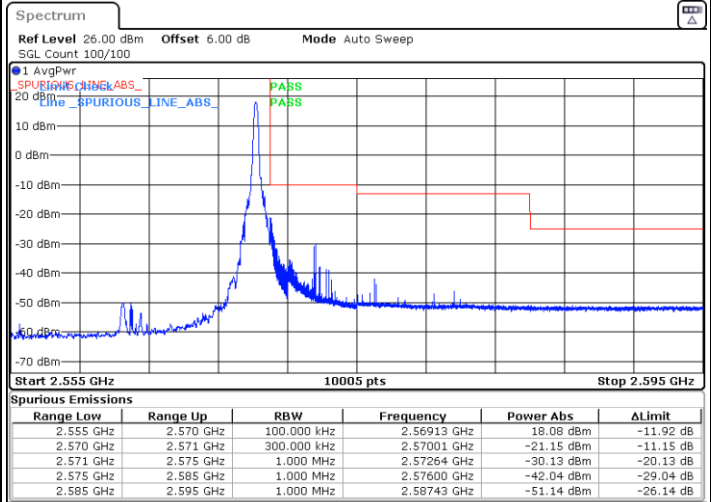
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



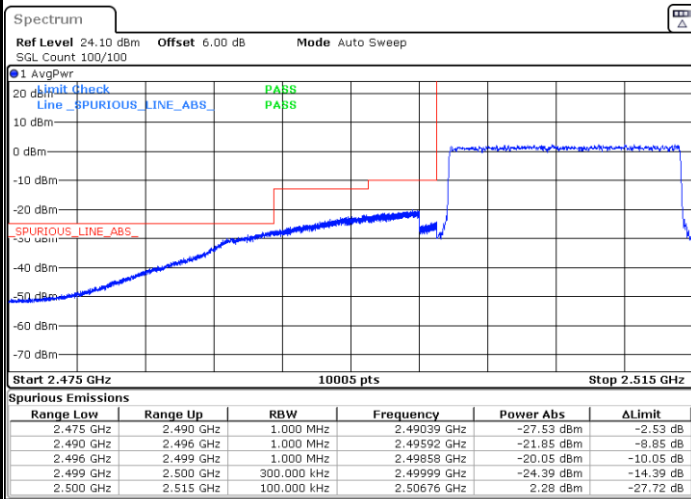
Date: 1.OCT.2022 06:14:25

Highest Band Edge / 1 RB



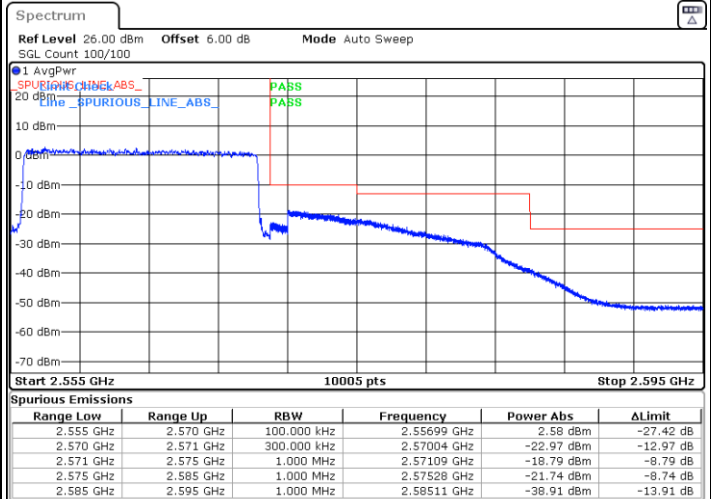
Date: 1.OCT.2022 06:57:03

Lowest Band Edge / Full RB



Date: 1.OCT.2022 06:19:47

Highest Band Edge / Full RB

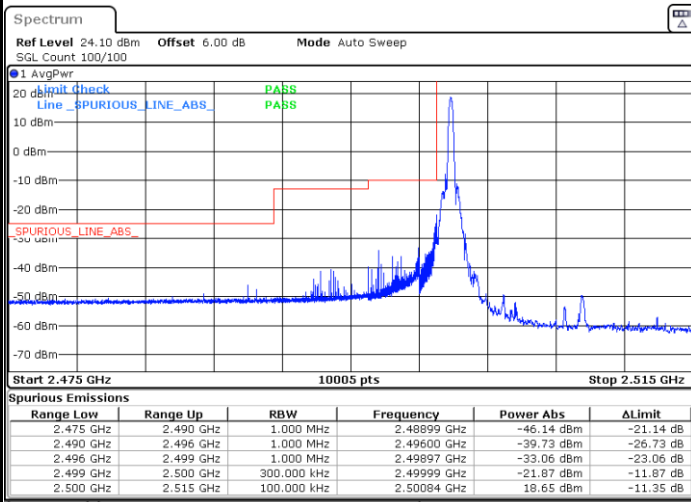


Date: 1.OCT.2022 06:20:23



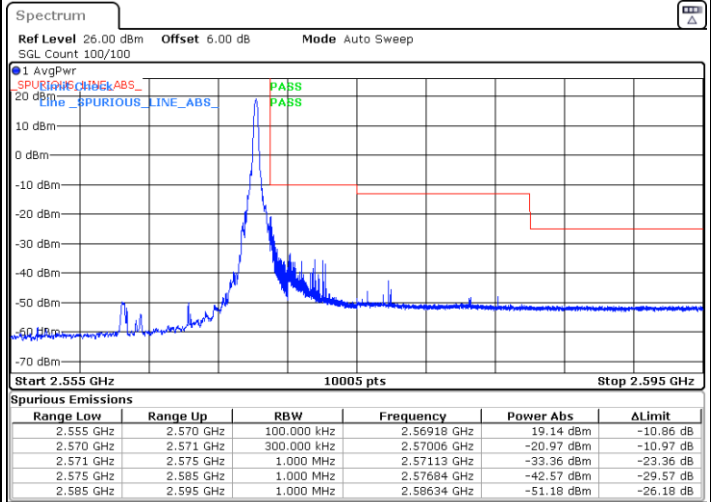
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



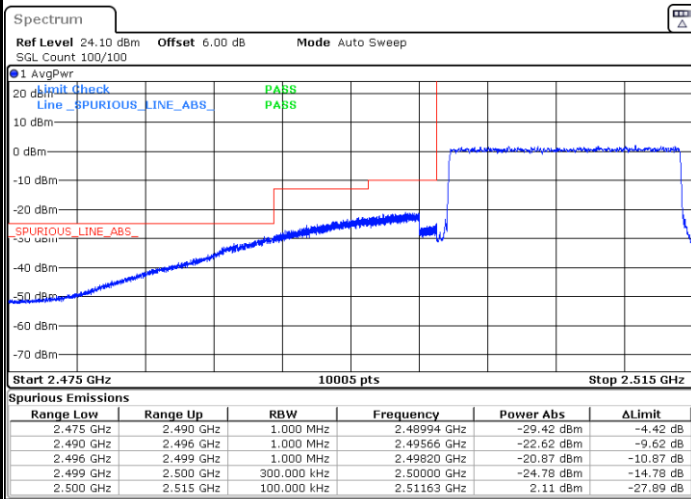
Date: 1.OCT.2022 06:14:50

Highest Band Edge / 1 RB



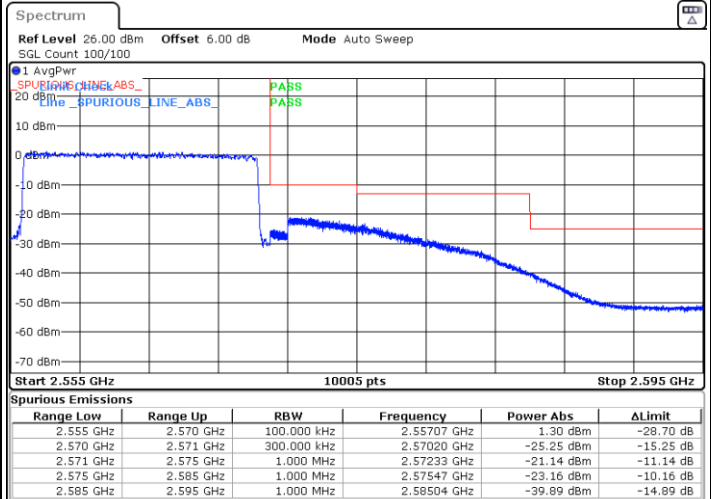
Date: 1.OCT.2022 06:56:45

Lowest Band Edge / Full RB



Date: 1.OCT.2022 06:19:23

Highest Band Edge / Full RB

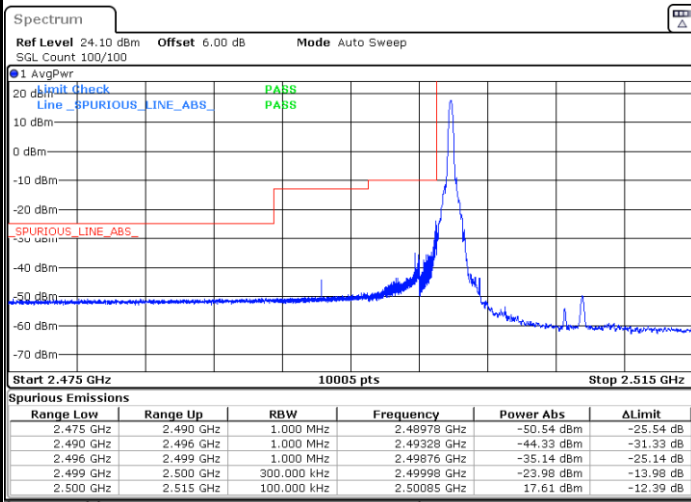


Date: 1.OCT.2022 06:20:45



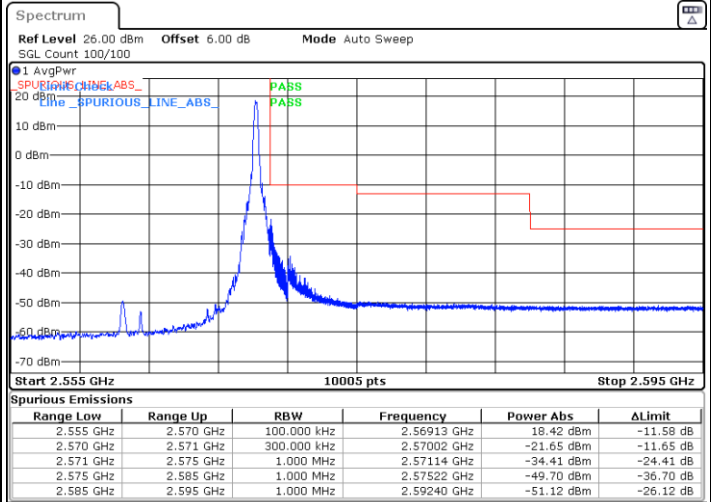
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



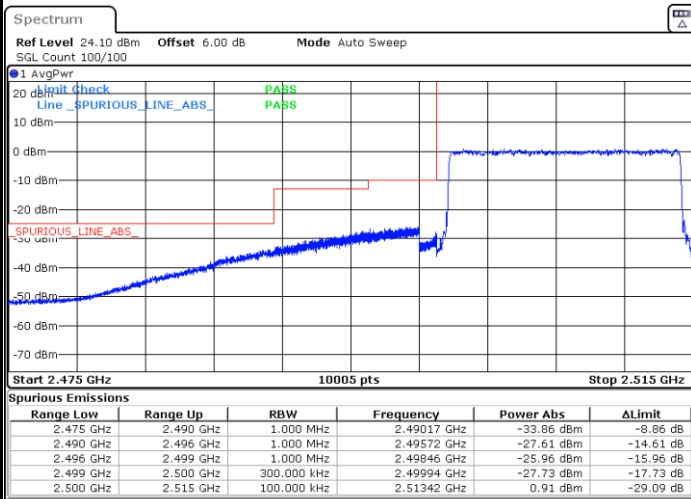
Date: 1.OCT.2022 06:15:39

Highest Band Edge / 1 RB



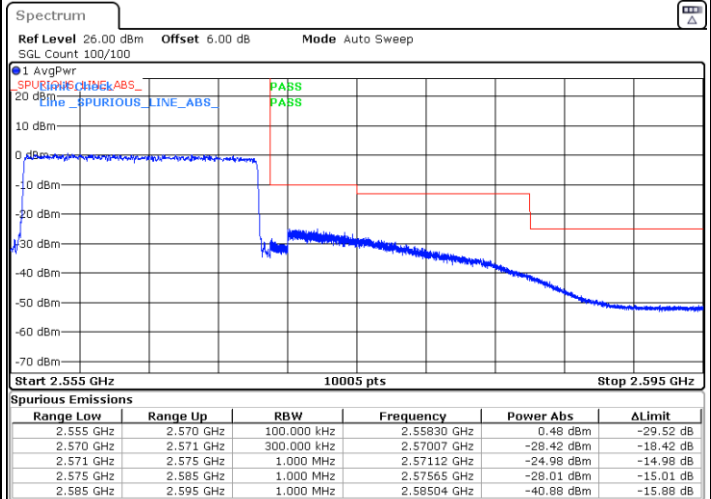
Date: 1.OCT.2022 06:56:17

Lowest Band Edge / Full RB



Date: 1.OCT.2022 06:19:01

Highest Band Edge / Full RB

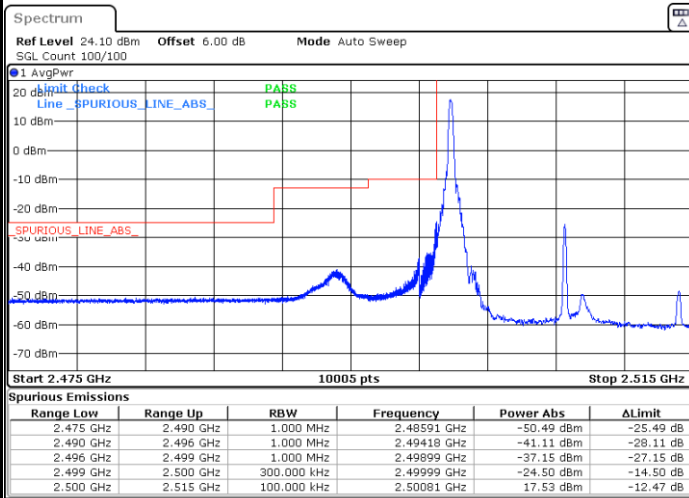


Date: 1.OCT.2022 06:21:05

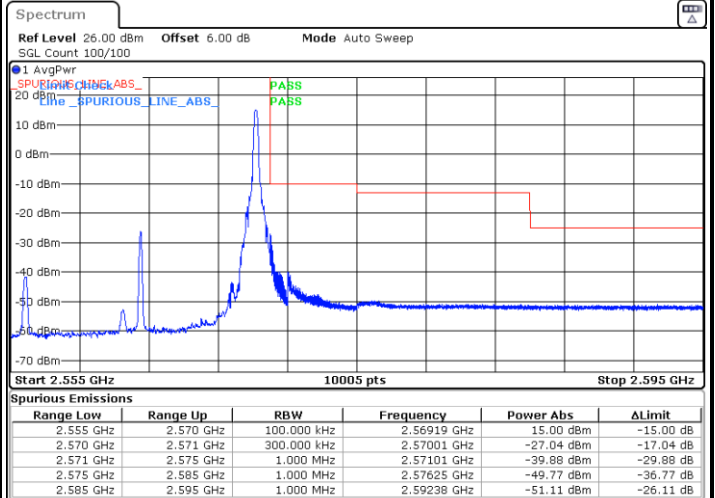


LTE Band 7 / 15MHz / 256QAM

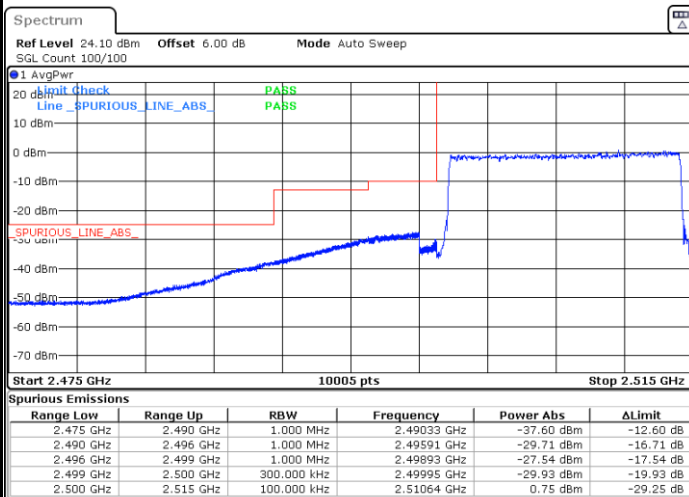
Lowest Band Edge / 1RB



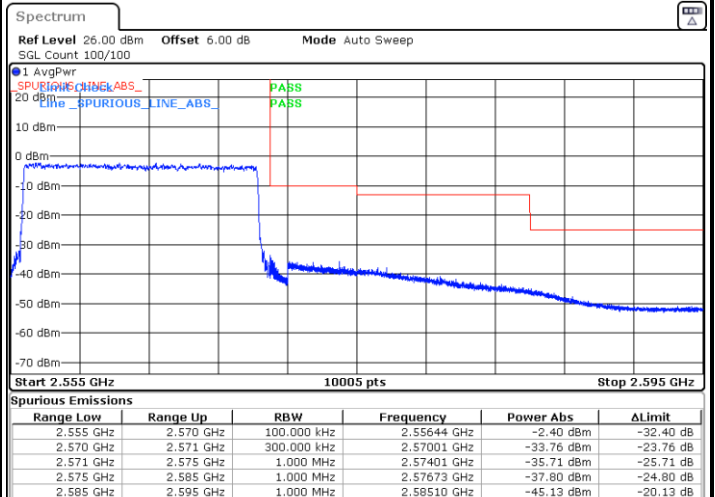
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



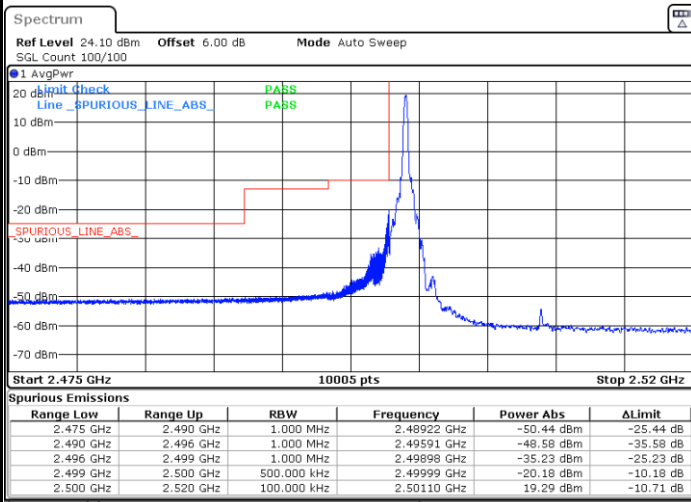
Highest Band Edge / Full RB





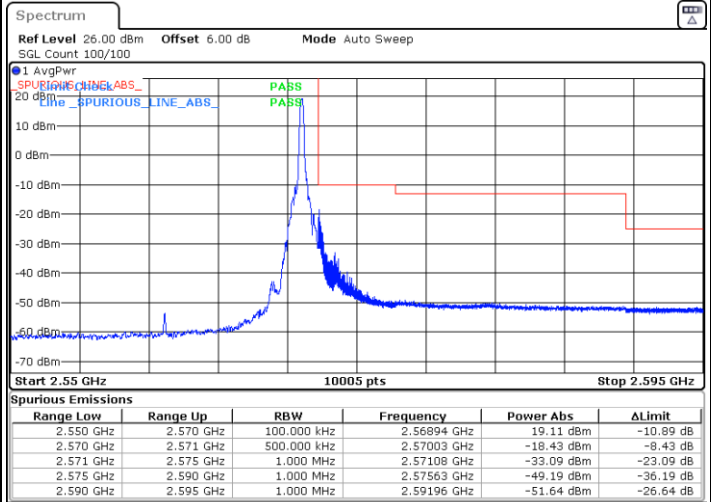
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



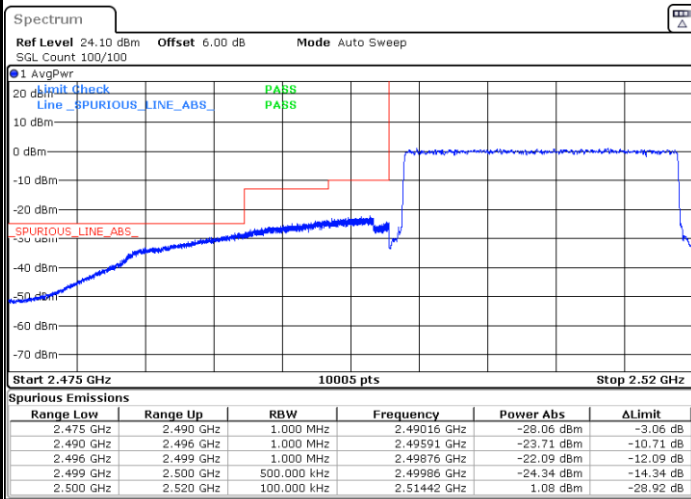
Date: 1.OCT.2022 05:54:13

Highest Band Edge / 1 RB



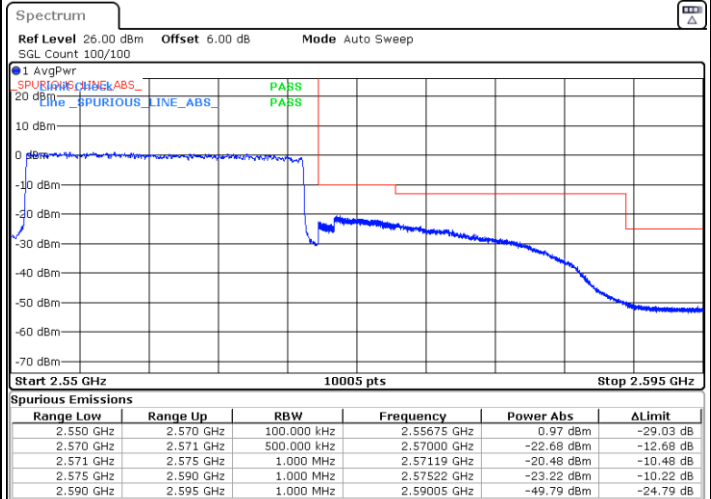
Date: 1.OCT.2022 06:02:29

Lowest Band Edge / Full RB



Date: 1.OCT.2022 05:53:42

Highest Band Edge / Full RB

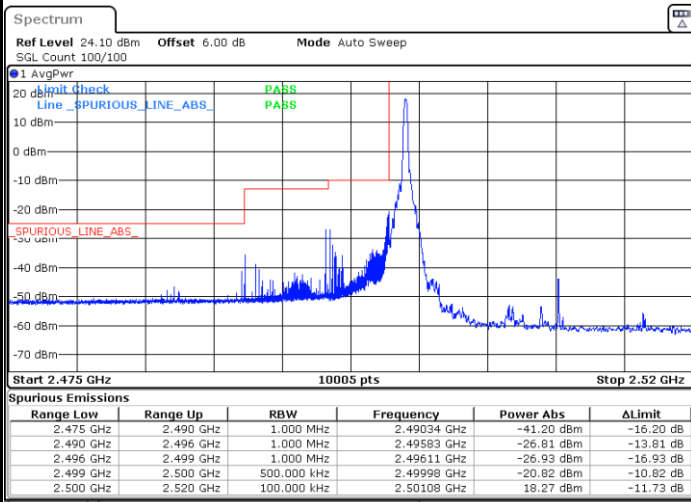


Date: 1.OCT.2022 06:04:54

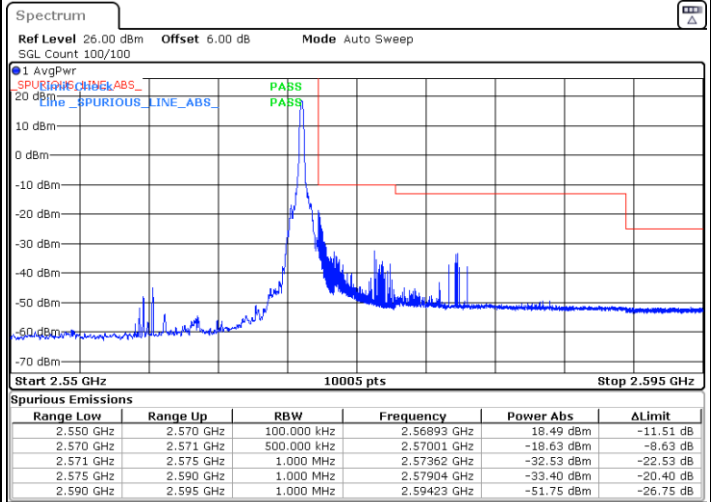


LTE Band 7 / 20MHz / 16QAM

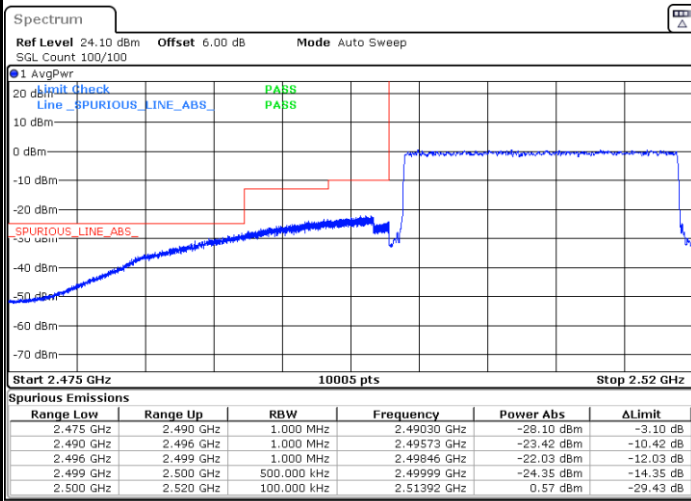
Lowest Band Edge / 1 RB



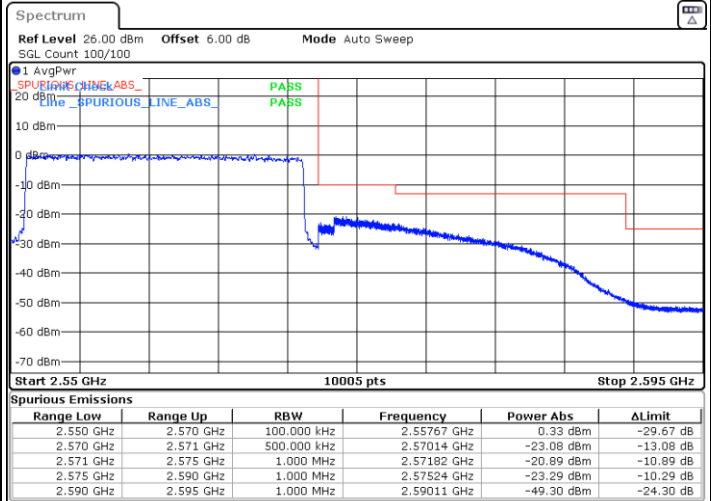
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



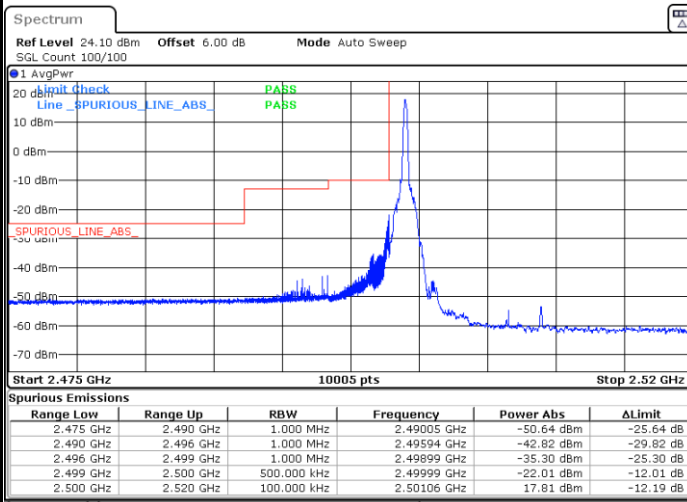
Highest Band Edge / Full RB





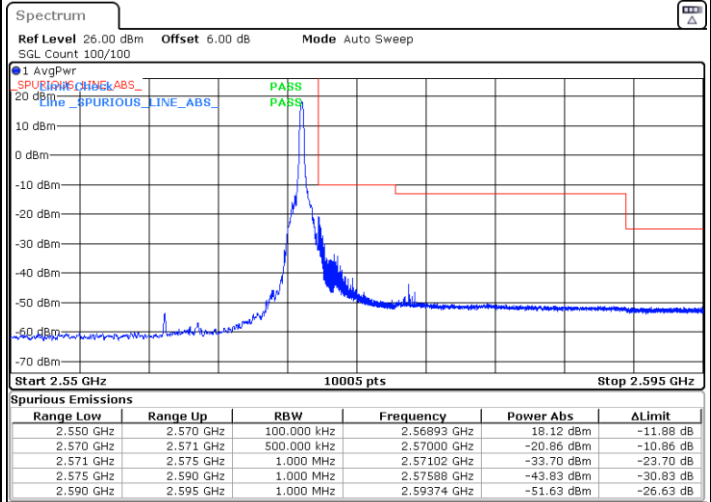
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



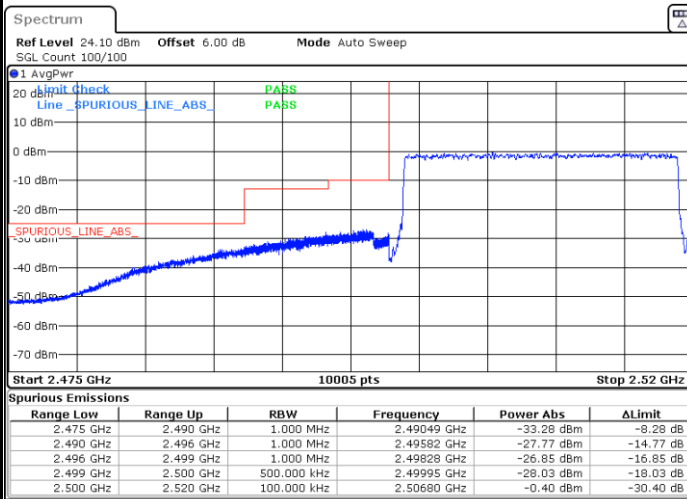
Date: 1.OCT.2022 05:55:02

Highest Band Edge / 1 RB



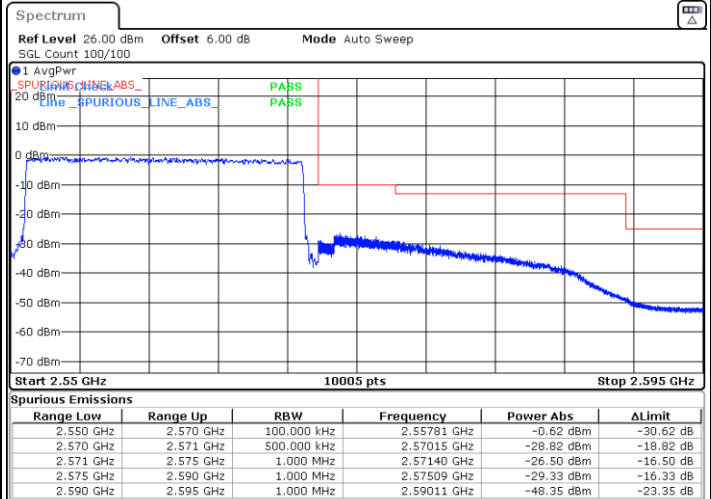
Date: 1.OCT.2022 06:03:13

Lowest Band Edge / Full RB



Date: 1.OCT.2022 05:52:57

Highest Band Edge / Full RB

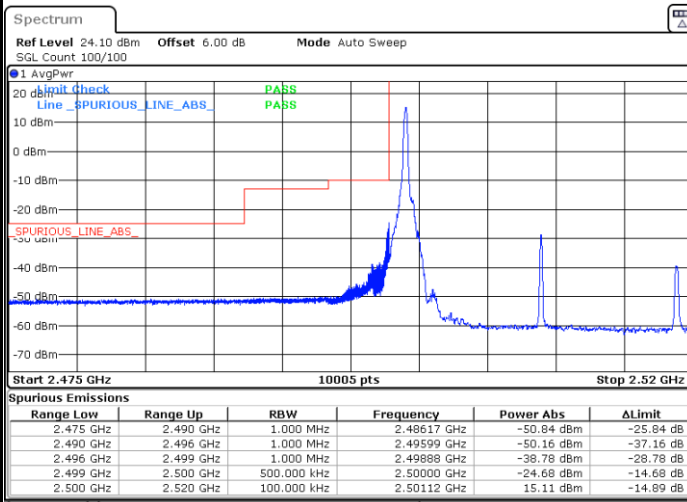


Date: 1.OCT.2022 06:04:14



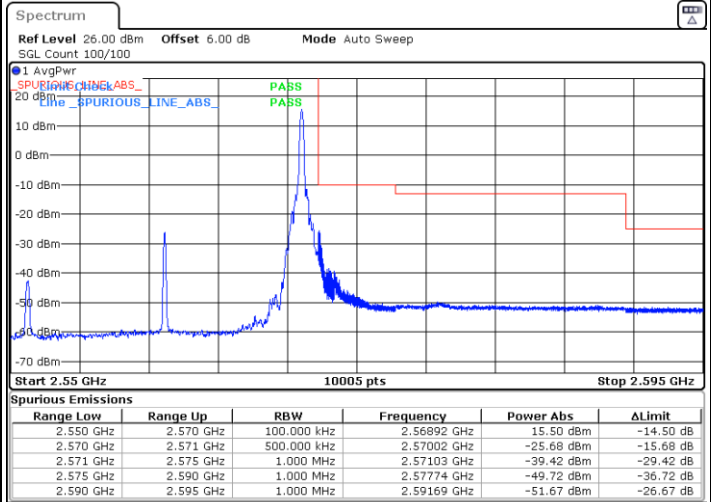
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1RB



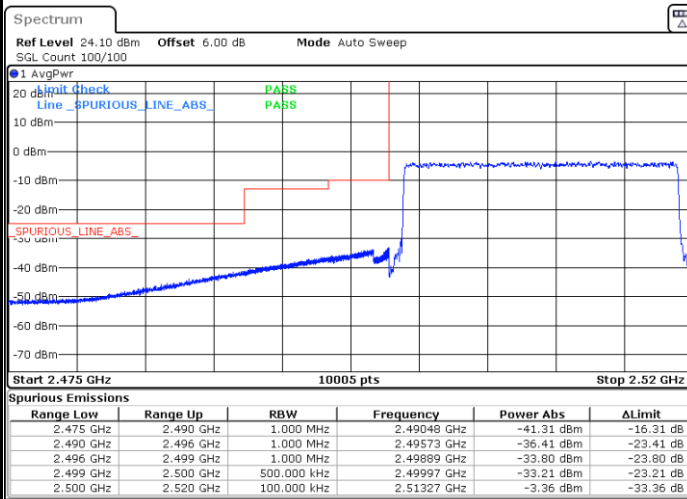
Date: 1.OCT.2022 05:55:40

Highest Band Edge / 1 RB



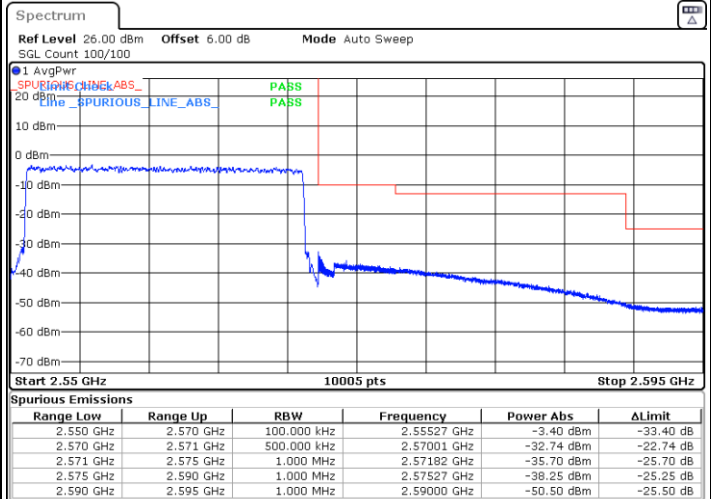
Date: 1.OCT.2022 06:03:32

Lowest Band Edge / Full RB



Date: 1.OCT.2022 05:52:30

Highest Band Edge / Full RB



Date: 1.OCT.2022 06:03:54



Conducted Spurious Emission

