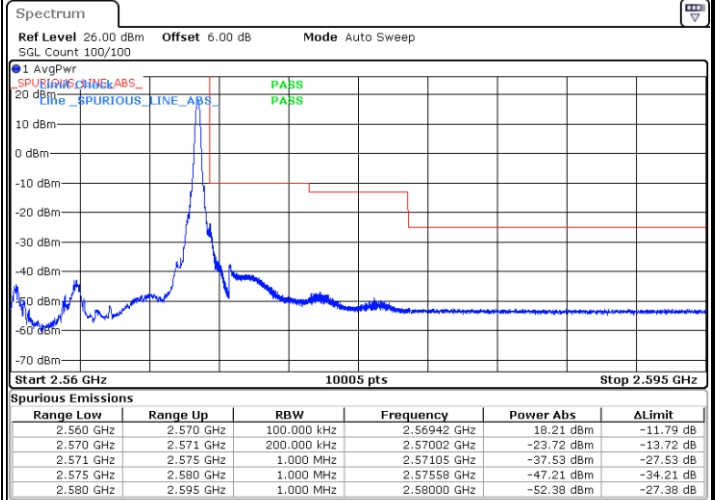
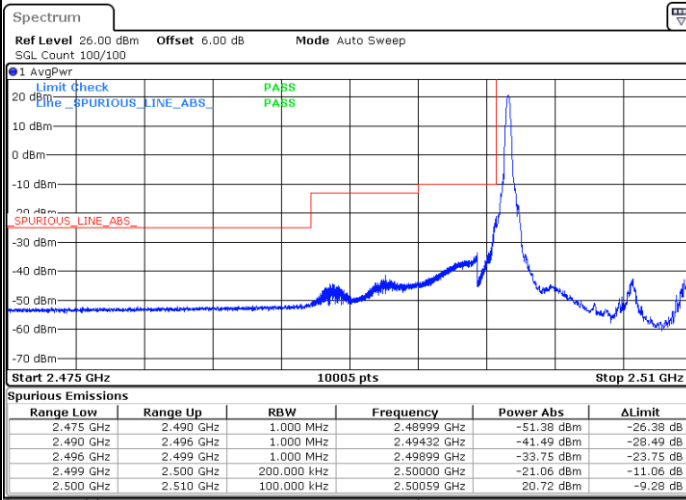




LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

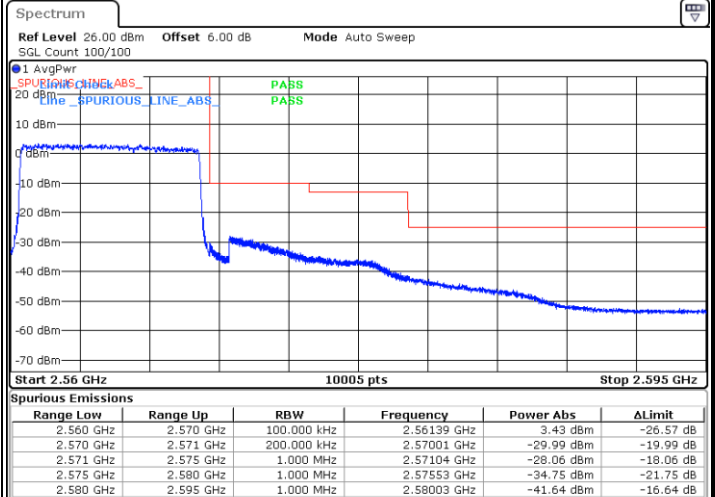
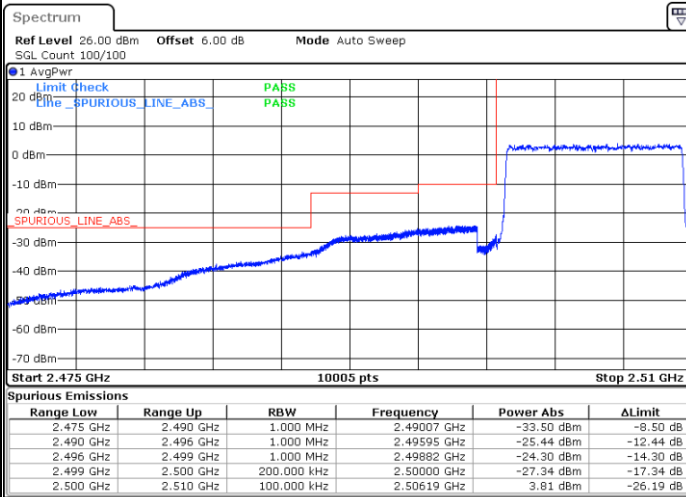


Date: 3.DEC.2021 15:39:31

Date: 3.DEC.2021 15:50:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



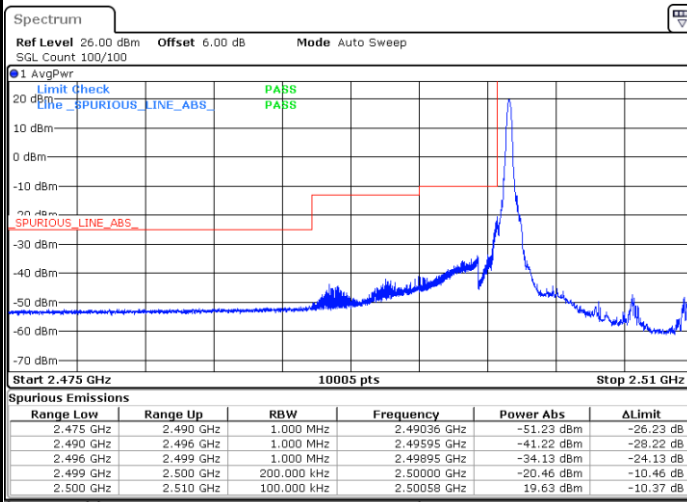
Date: 3.DEC.2021 15:41:37

Date: 3.DEC.2021 15:51:10



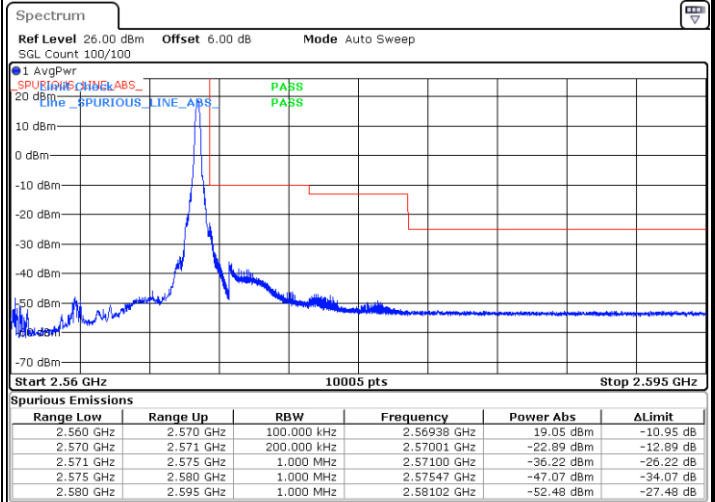
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



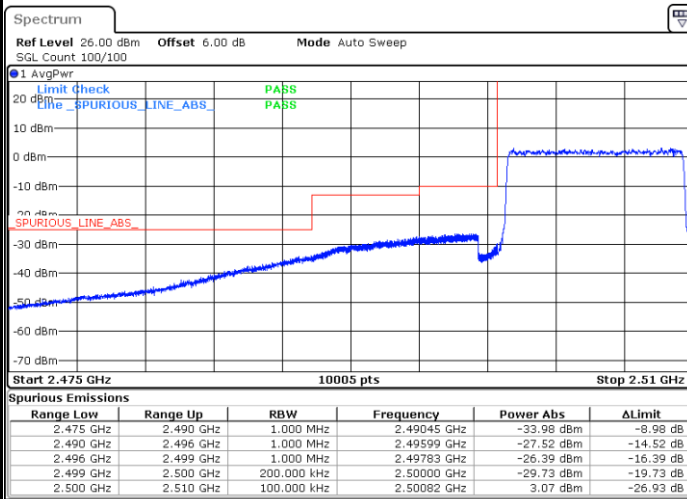
Date: 3.DEC.2021 15:40:15

Highest Band Edge / 1 RB



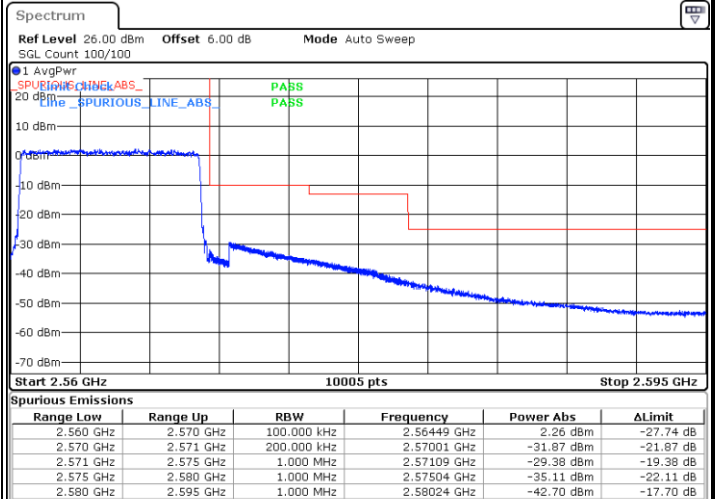
Date: 3.DEC.2021 15:50:19

Lowest Band Edge / Full RB



Date: 3.DEC.2021 15:42:04

Highest Band Edge / Full RB

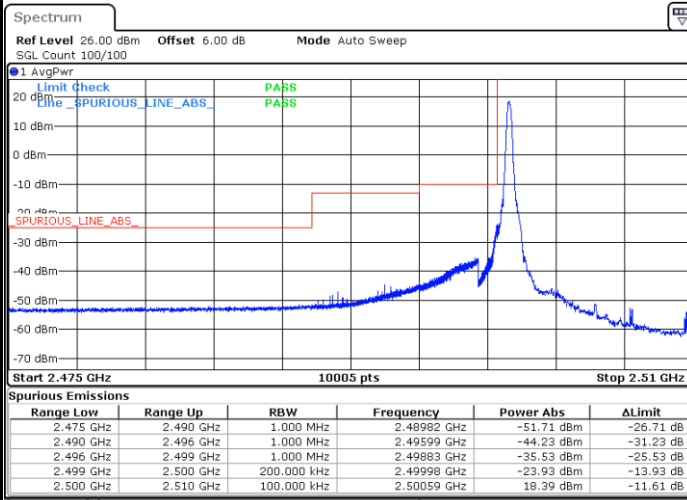


Date: 3.DEC.2021 15:51:32



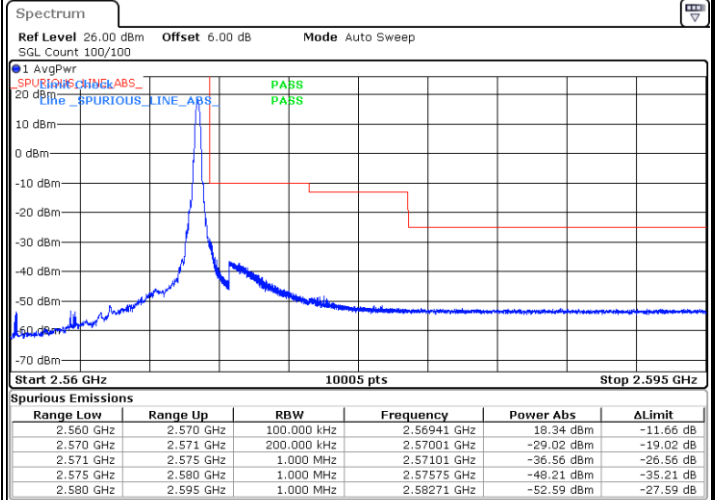
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



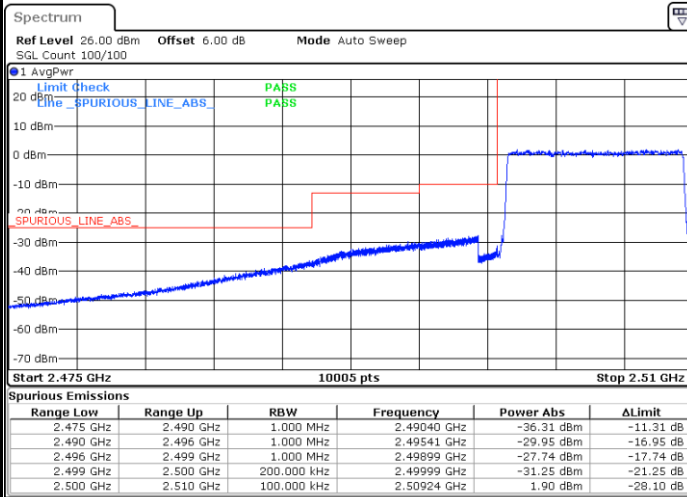
Date: 3.DEC.2021 15:40:44

Highest Band Edge / 1 RB



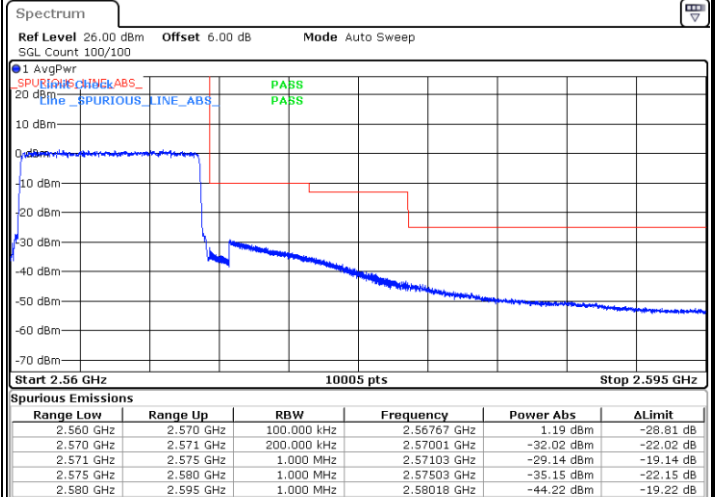
Date: 3.DEC.2021 15:49:36

Lowest Band Edge / Full RB



Date: 3.DEC.2021 15:42:41

Highest Band Edge / Full RB

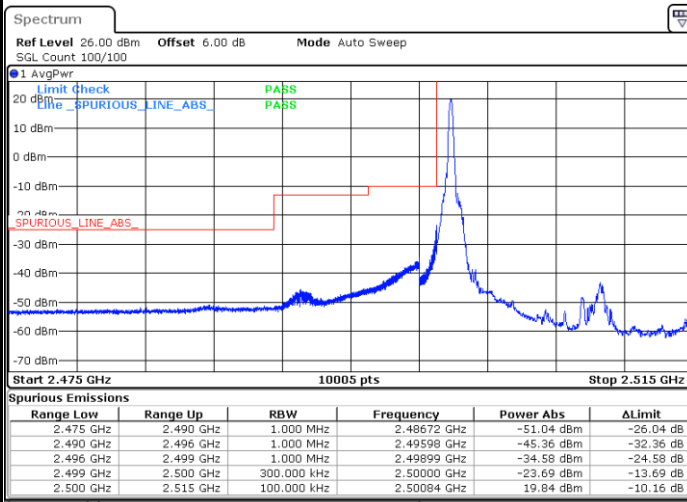


Date: 3.DEC.2021 15:52:15



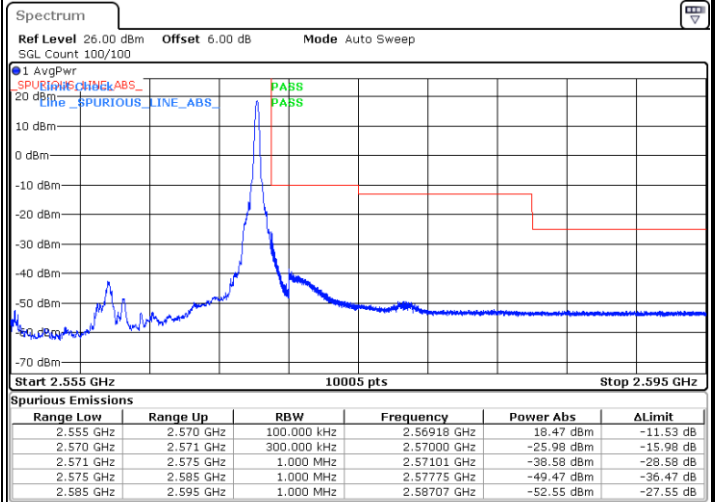
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



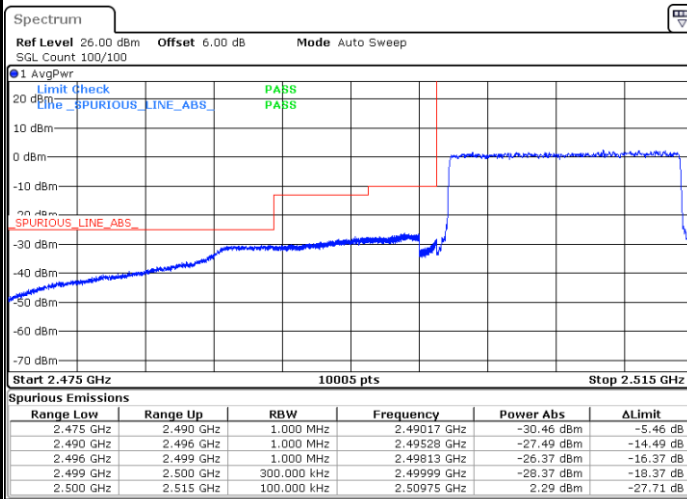
Date: 3.DEC.2021 15:24:24

Highest Band Edge / 1 RB



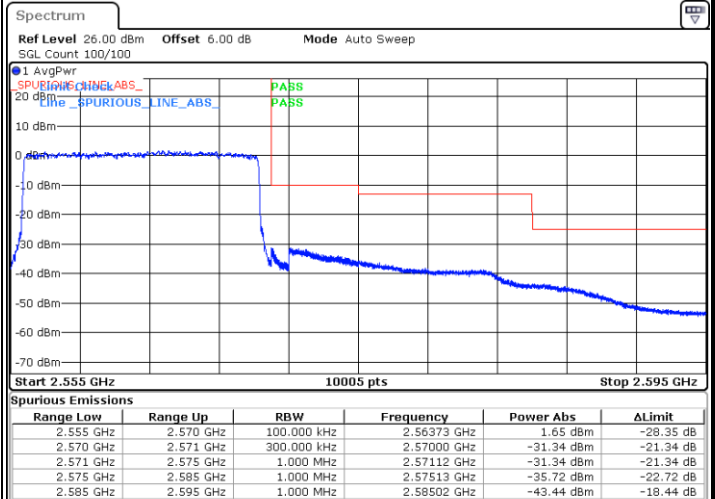
Date: 3.DEC.2021 15:31:08

Lowest Band Edge / Full RB



Date: 3.DEC.2021 15:27:51

Highest Band Edge / Full RB

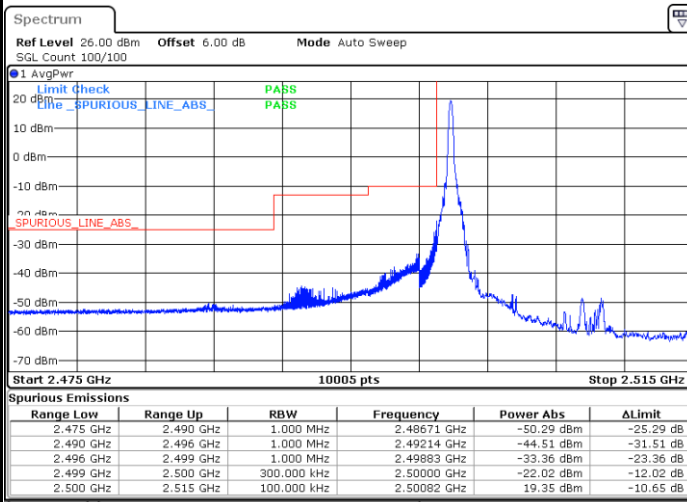


Date: 3.DEC.2021 15:33:14



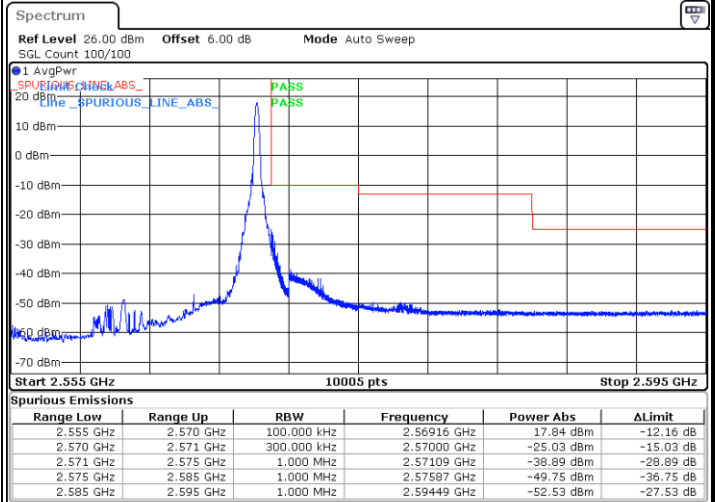
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



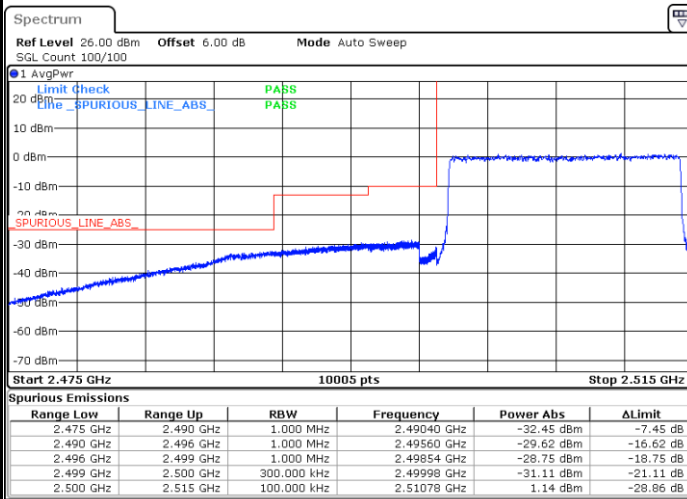
Date: 3.DEC.2021 15:24:45

Highest Band Edge / 1 RB



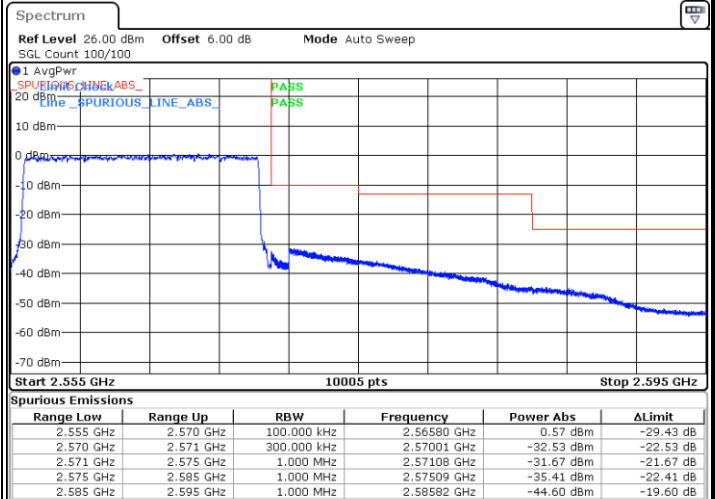
Date: 3.DEC.2021 15:31:31

Lowest Band Edge / Full RB



Date: 3.DEC.2021 15:27:21

Highest Band Edge / Full RB

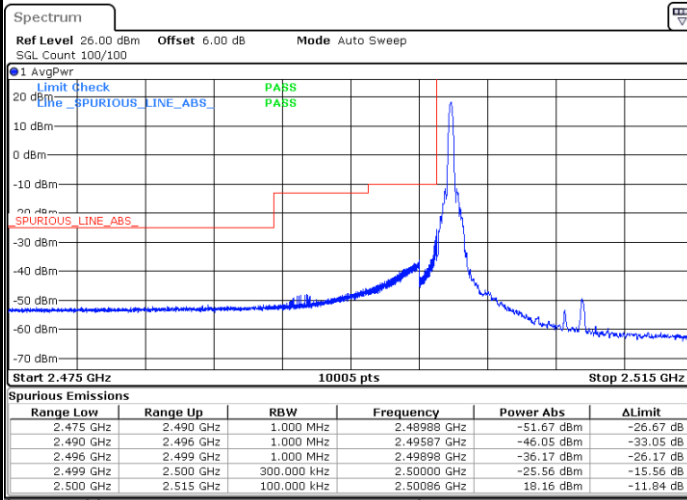


Date: 3.DEC.2021 15:32:56

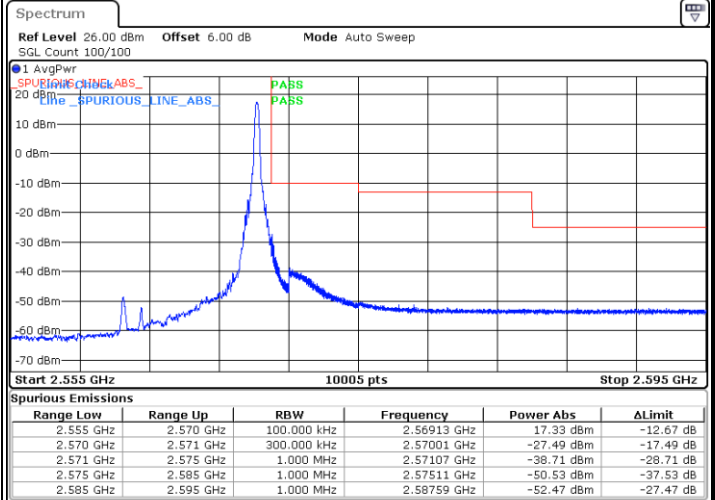


LTE Band 7 / 15MHz / 64QAM

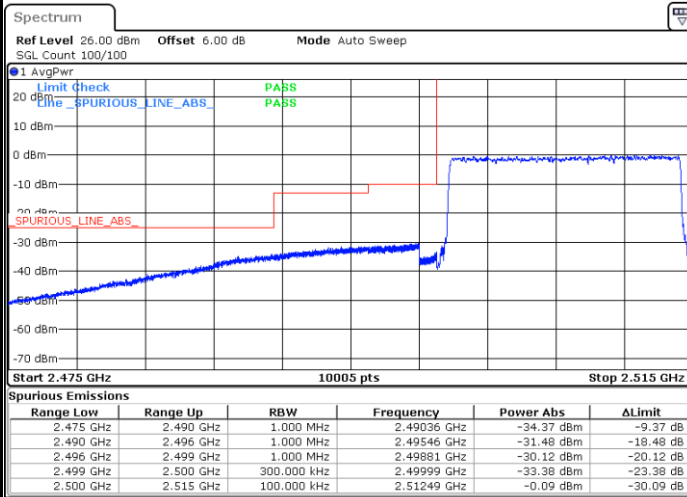
Lowest Band Edge / 1 RB



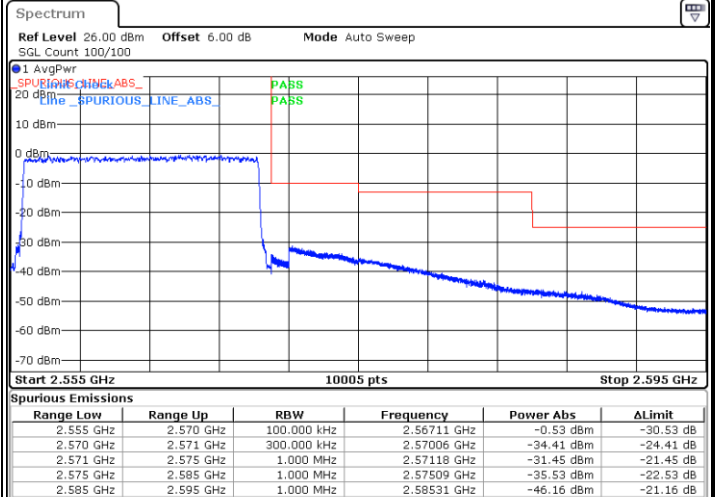
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



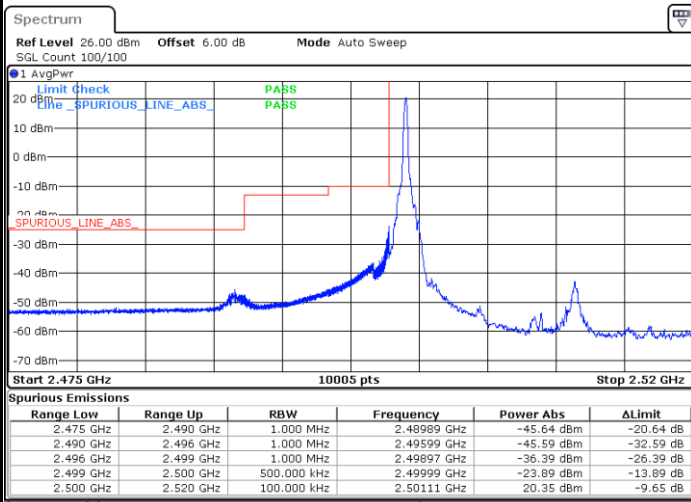
Highest Band Edge / Full RB





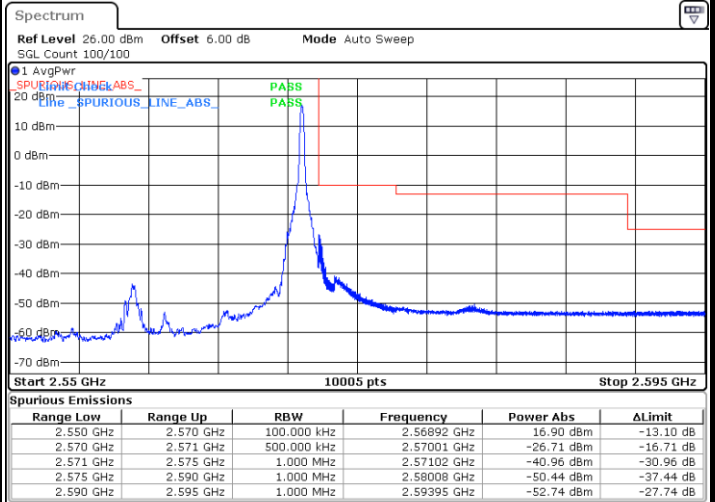
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



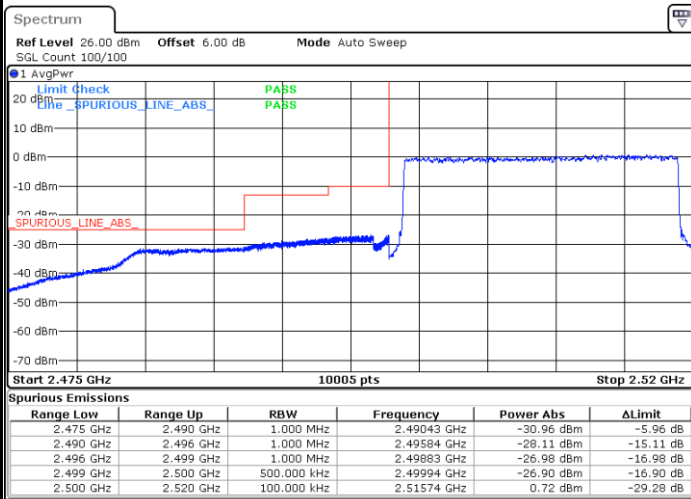
Date: 3.DEC.2021 15:09:23

Highest Band Edge / 1 RB



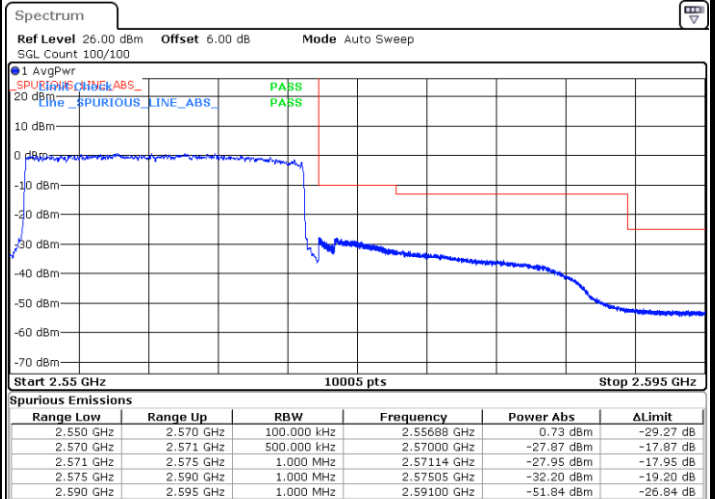
Date: 3.DEC.2021 15:16:41

Lowest Band Edge / Full RB



Date: 3.DEC.2021 15:14:39

Highest Band Edge / Full RB

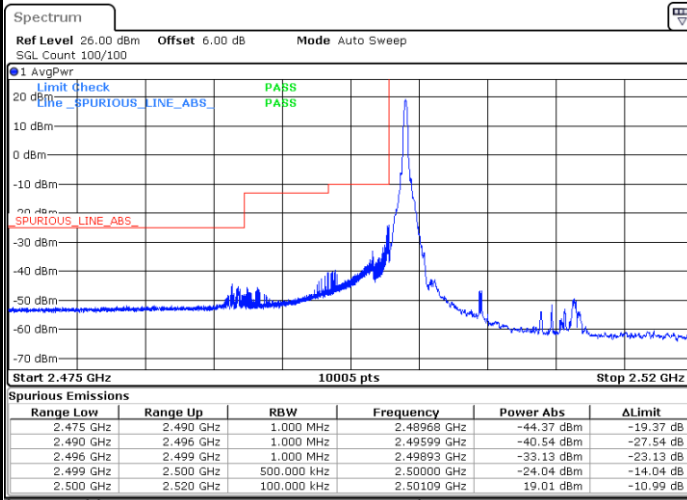


Date: 3.DEC.2021 15:19:26



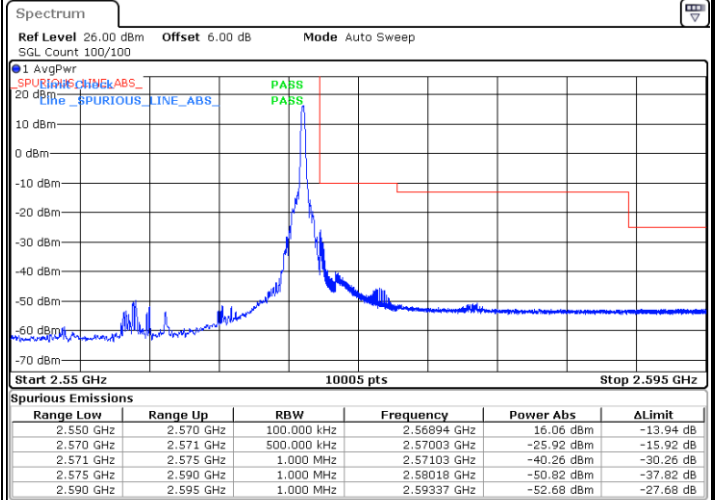
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



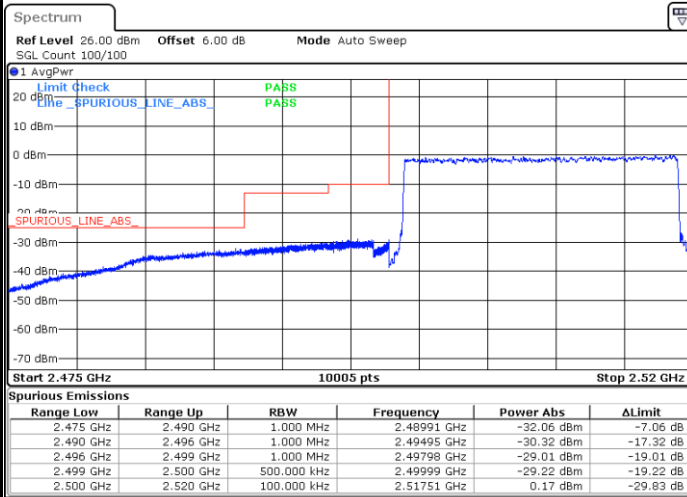
Date: 3.DEC.2021 15:10:45

Highest Band Edge / 1 RB



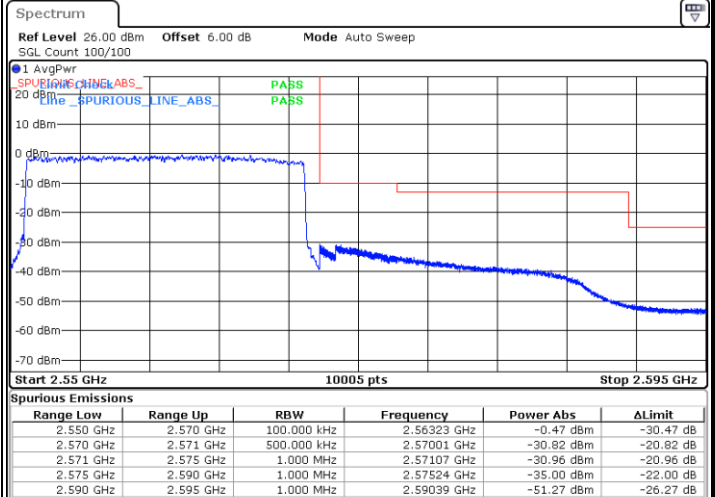
Date: 3.DEC.2021 15:17:02

Lowest Band Edge / Full RB



Date: 3.DEC.2021 15:14:04

Highest Band Edge / Full RB

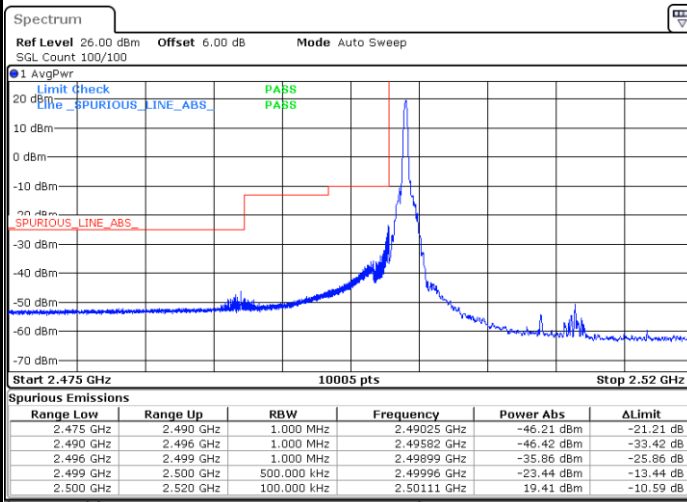


Date: 3.DEC.2021 15:19:07



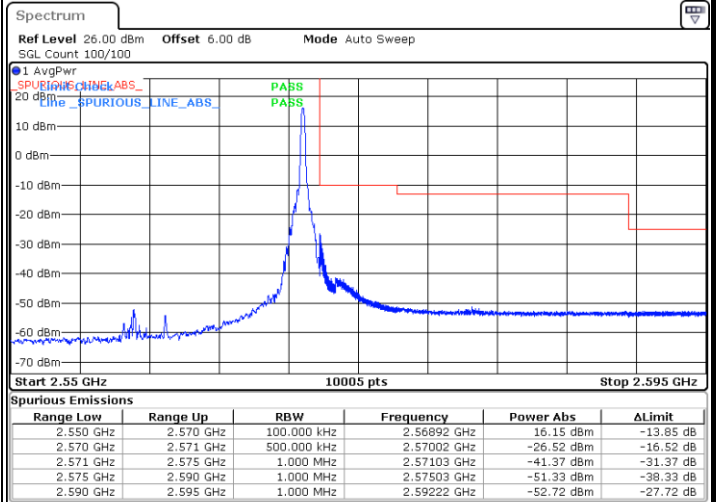
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



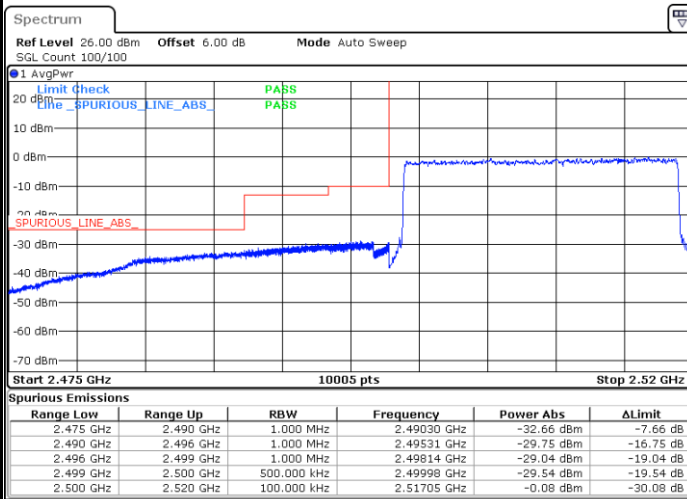
Date: 3.DEC.2021 15:12:03

Highest Band Edge / 1 RB



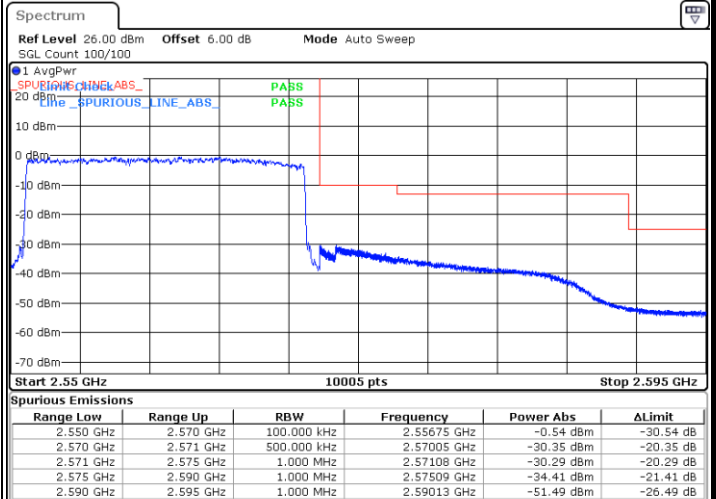
Date: 3.DEC.2021 15:17:23

Lowest Band Edge / Full RB



Date: 3.DEC.2021 15:13:38

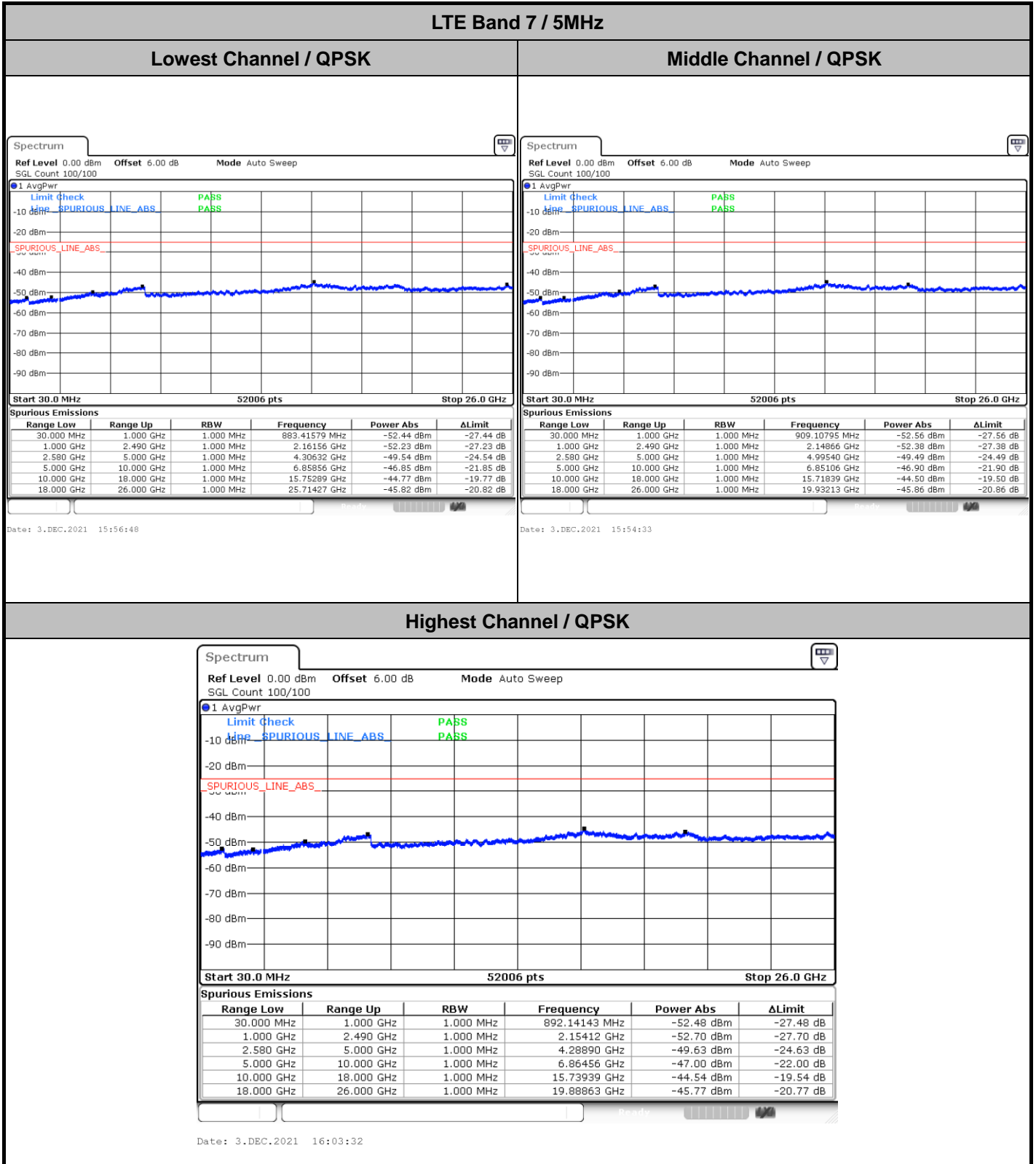
Highest Band Edge / Full RB



Date: 3.DEC.2021 15:18:43



Conducted Spurious Emission

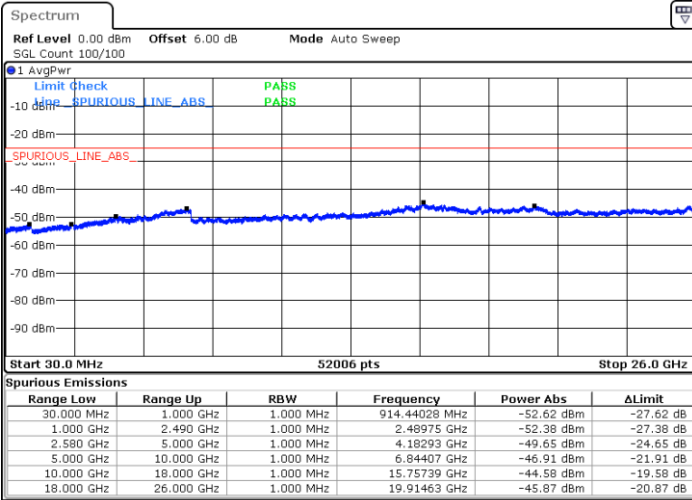




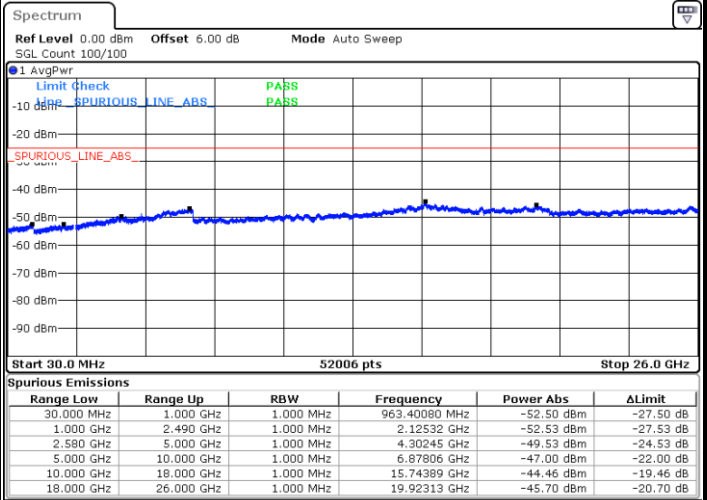
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

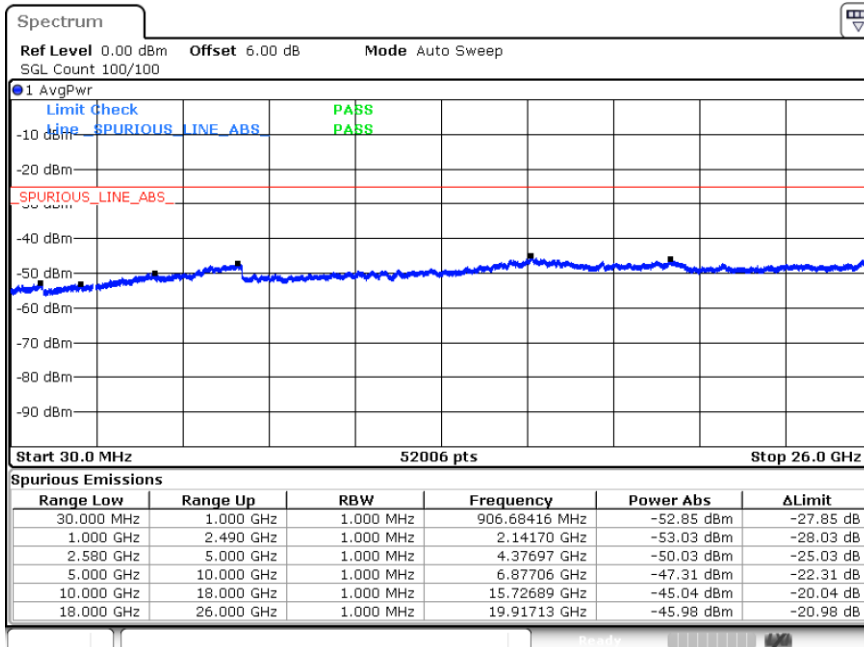


Date: 3.DEC.2021 15:38:40



Date: 3.DEC.2021 15:37:20

Highest Channel / QPSK

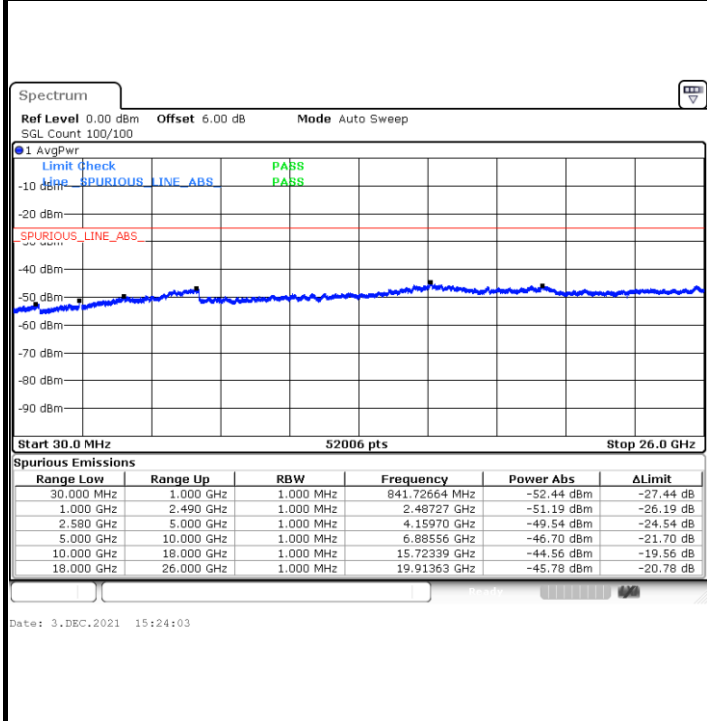


Date: 3.DEC.2021 15:54:33

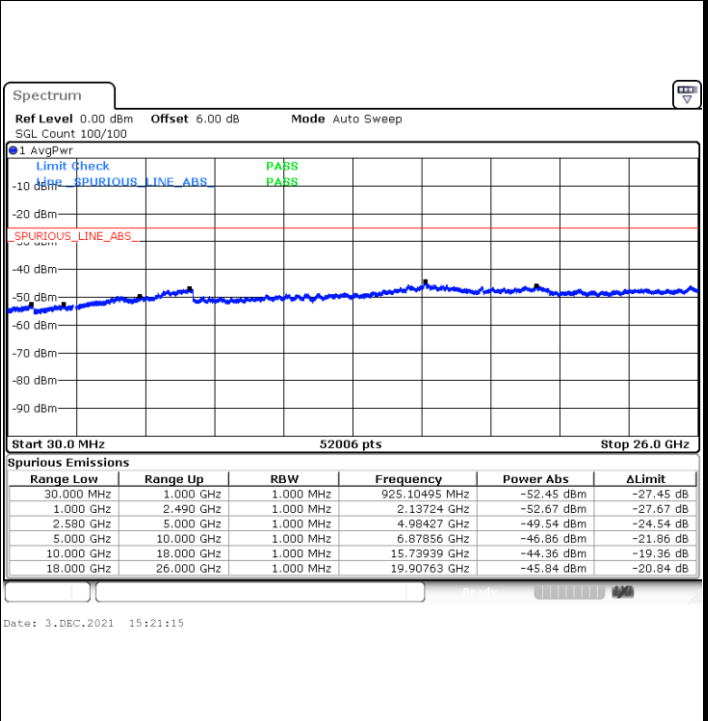


LTE Band 7 / 15MHz

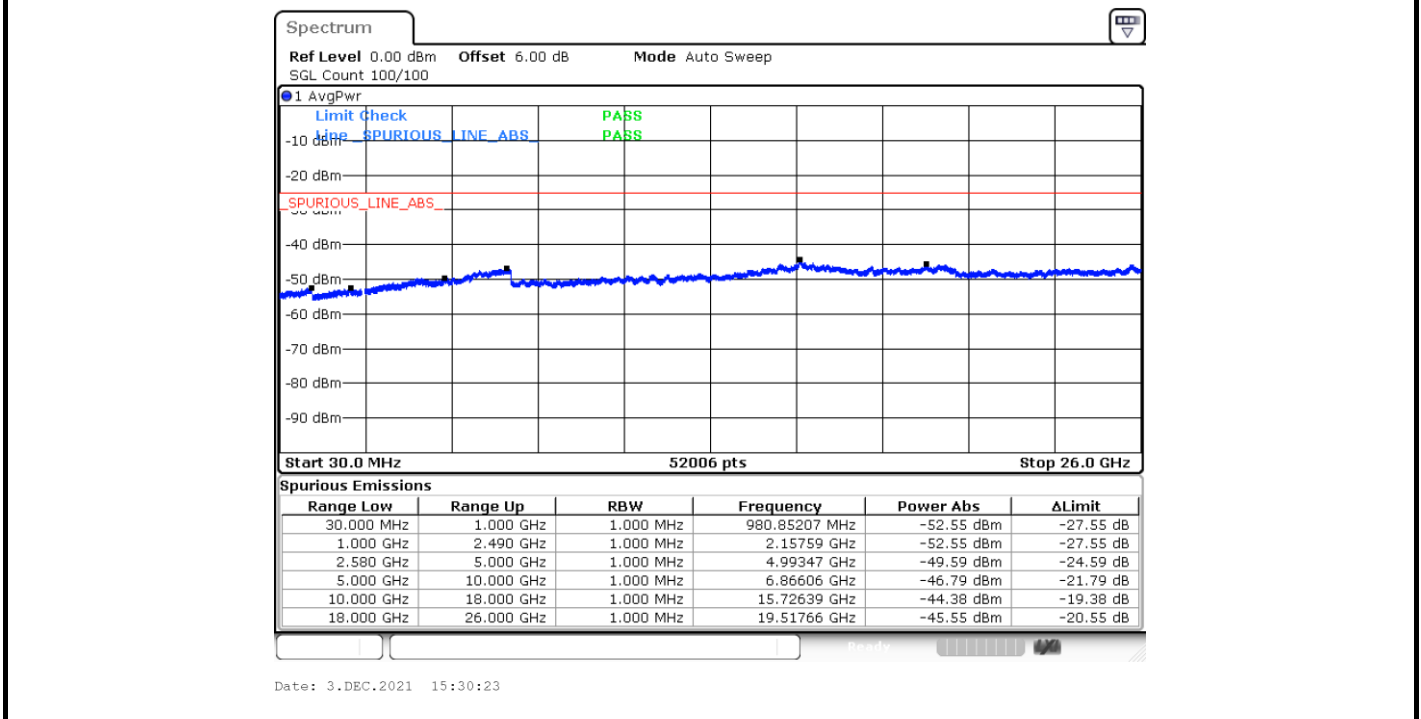
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

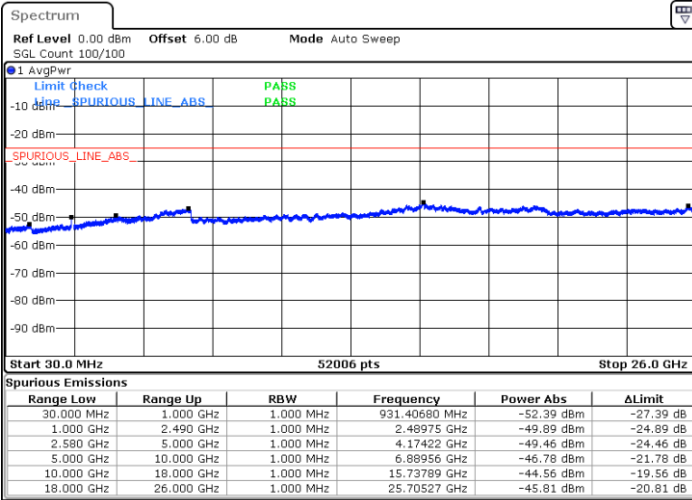




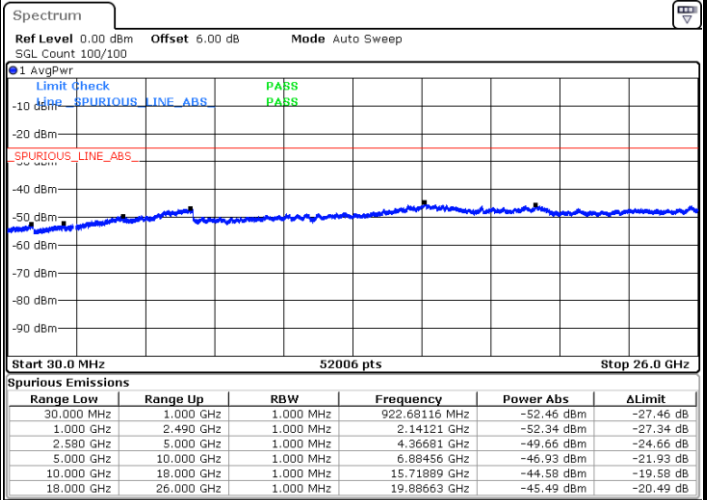
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

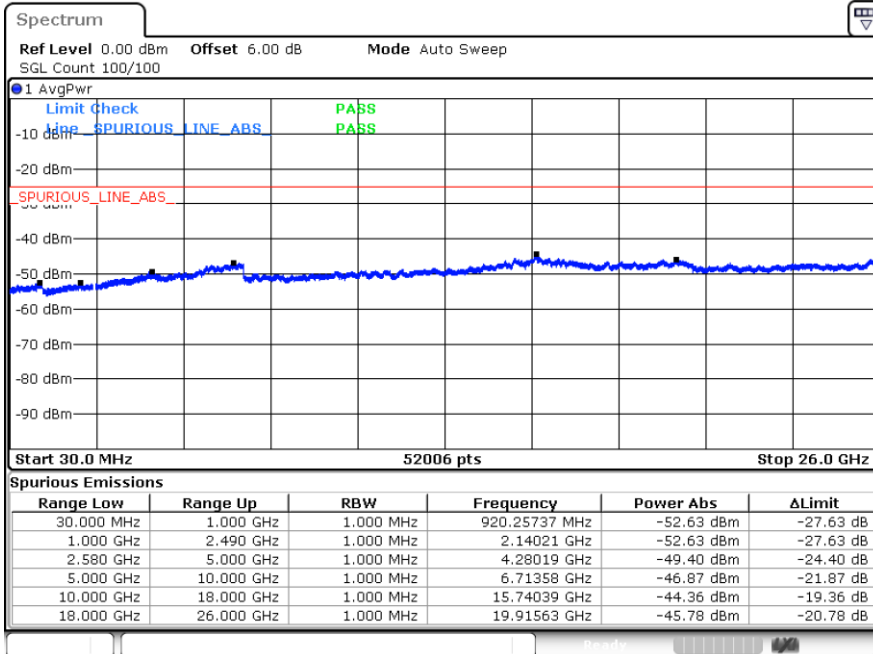


Date: 3.DEC.2021 15:08:52



Date: 3.DEC.2021 15:02:31

Highest Channel / QPSK



Date: 3.DEC.2021 15:16:04



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	0.0020	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0034	

Note:

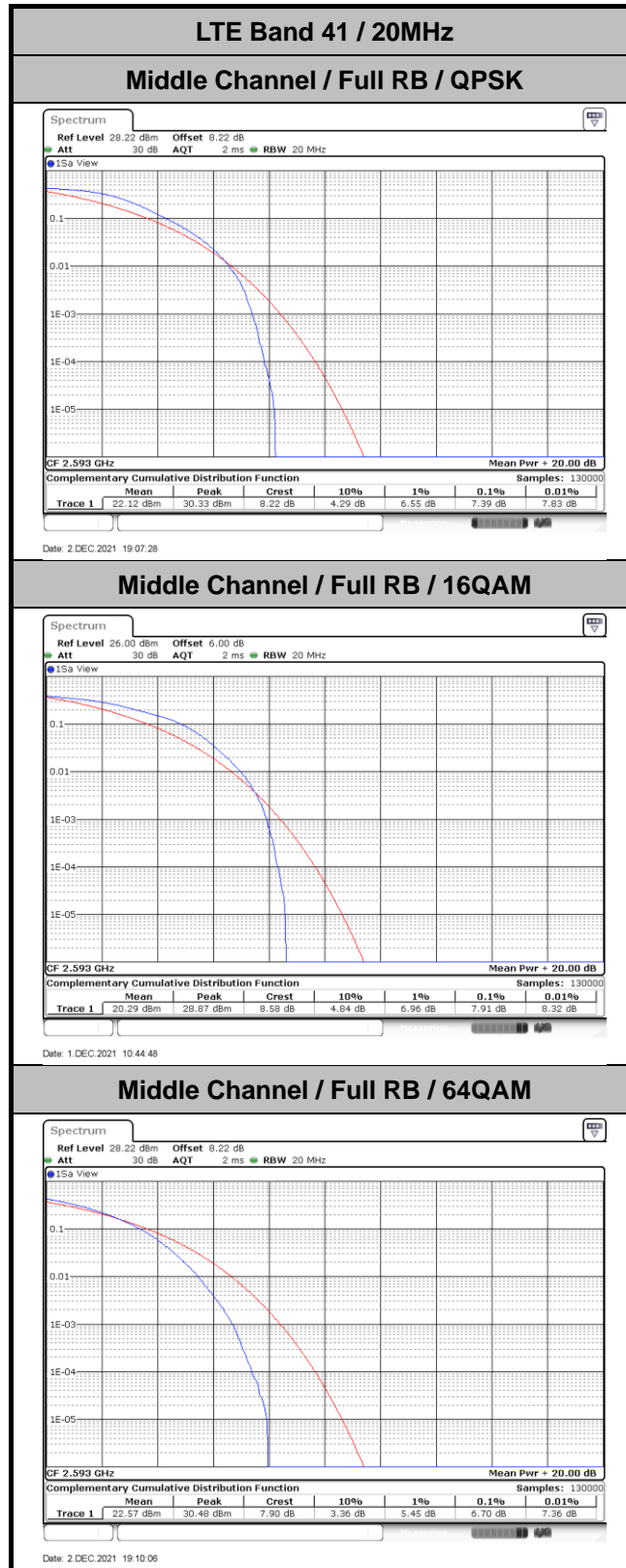
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

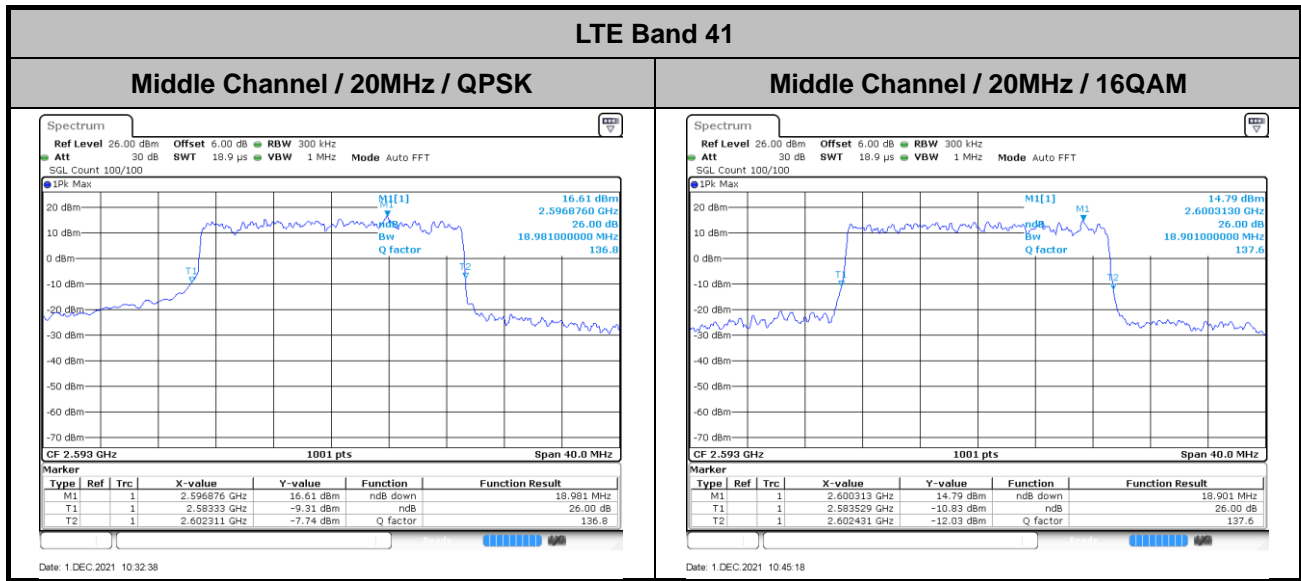
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	7.39	7.91	6.70	PASS





26dB Bandwidth

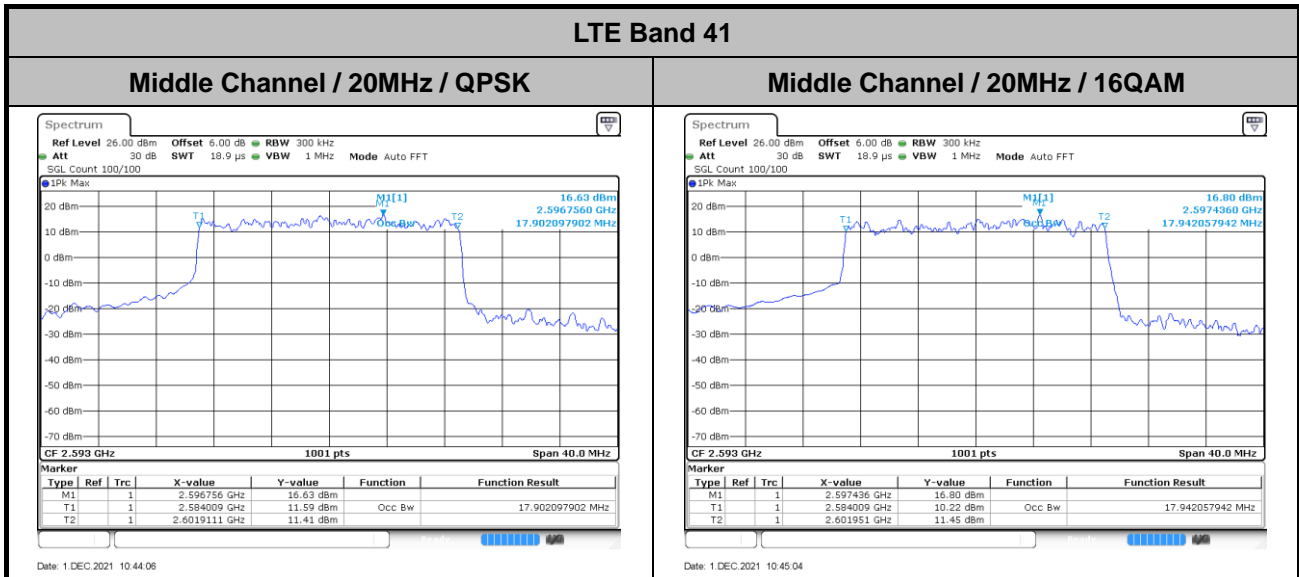
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.98	18.90





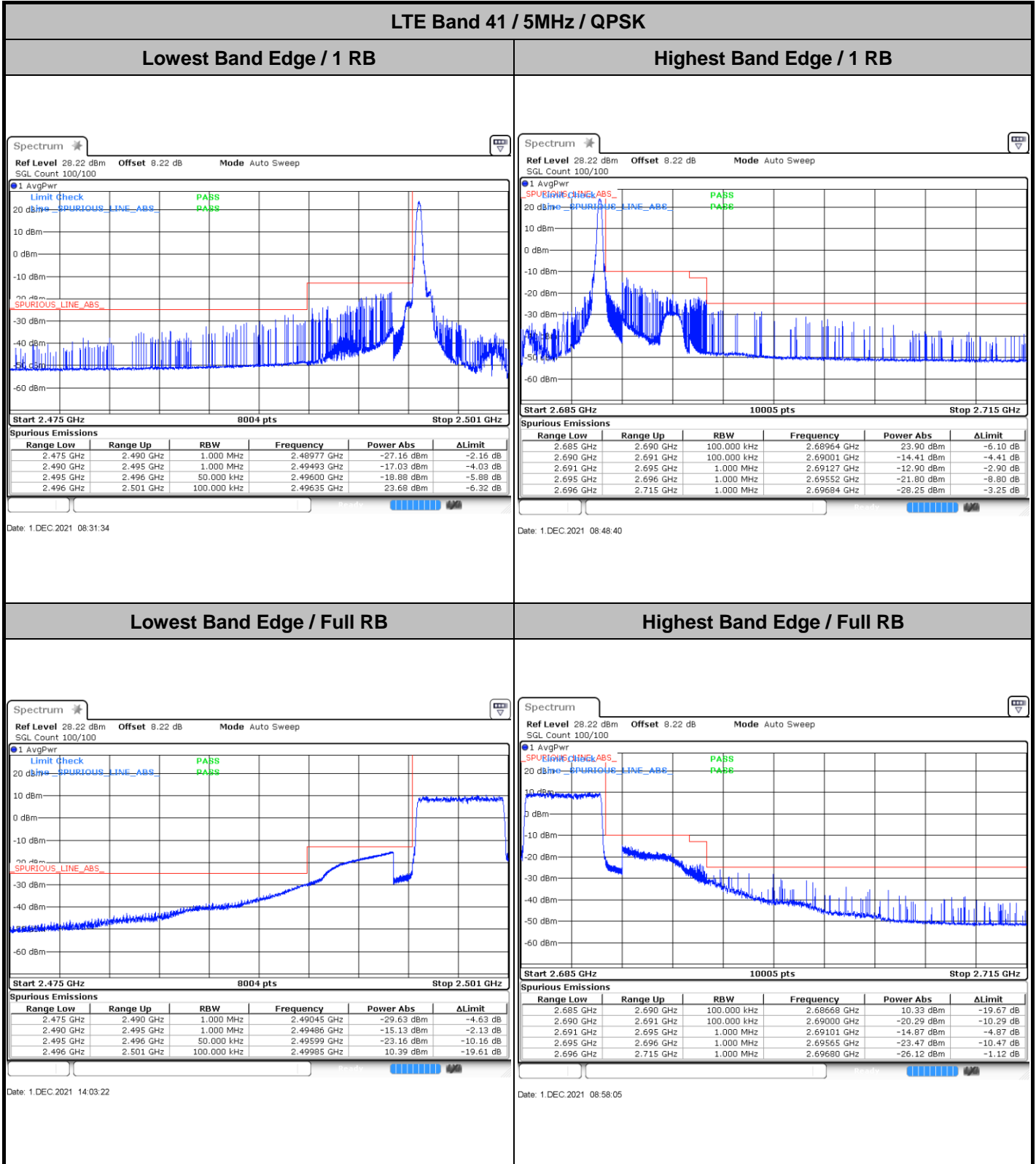
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.94





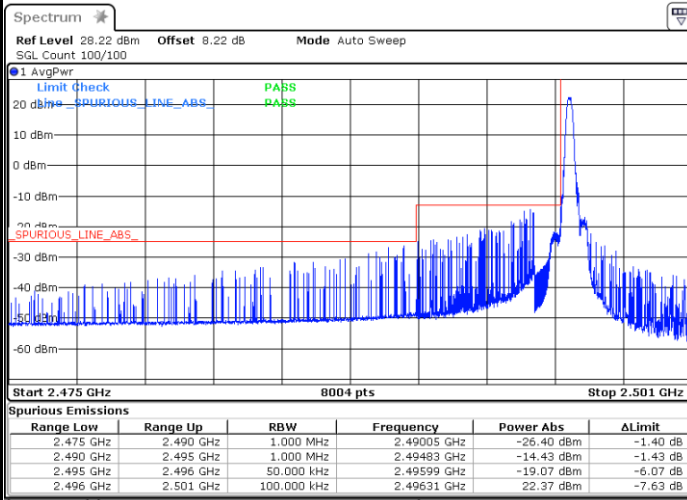
Conducted Band Edge





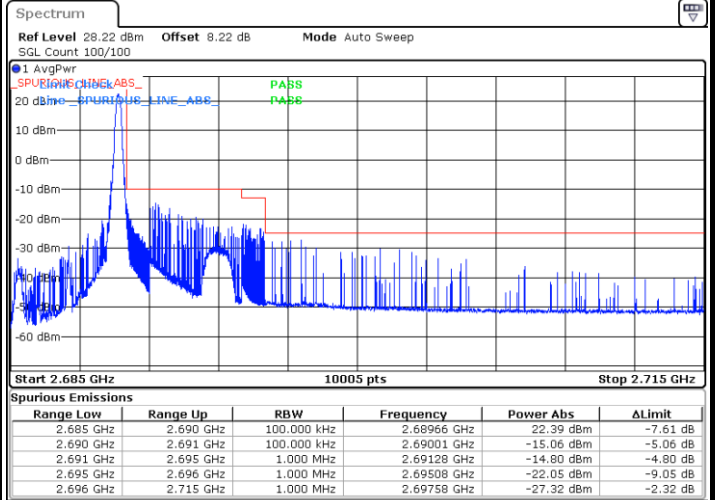
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



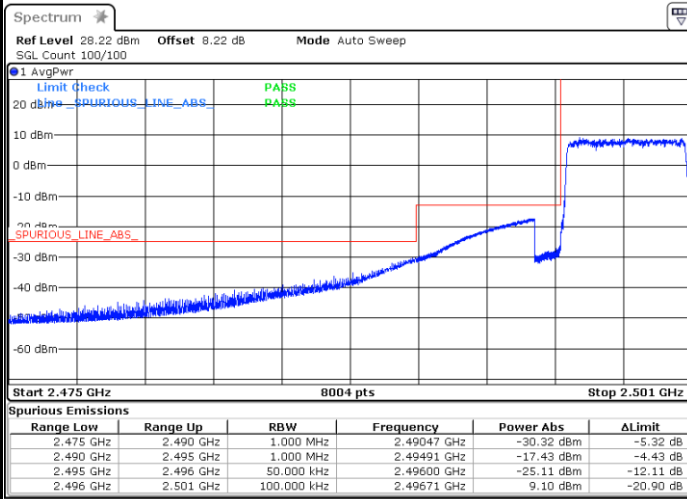
Date: 1 DEC.2021 12:06:39

Highest Band Edge / 1 RB



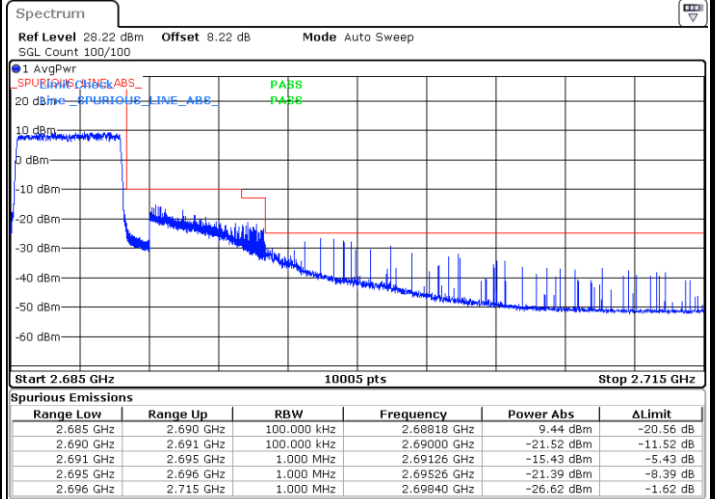
Date: 1 DEC.2021 08:50:33

Lowest Band Edge / Full RB



Date: 1 DEC.2021 14:01:37

Highest Band Edge / Full RB

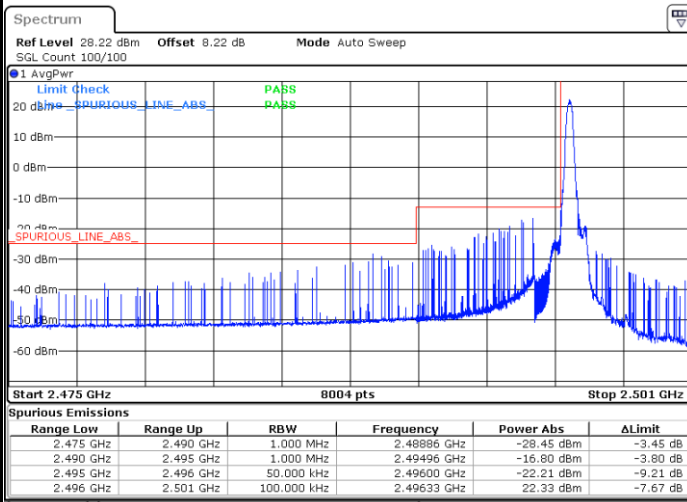


Date: 1 DEC.2021 14:04:58



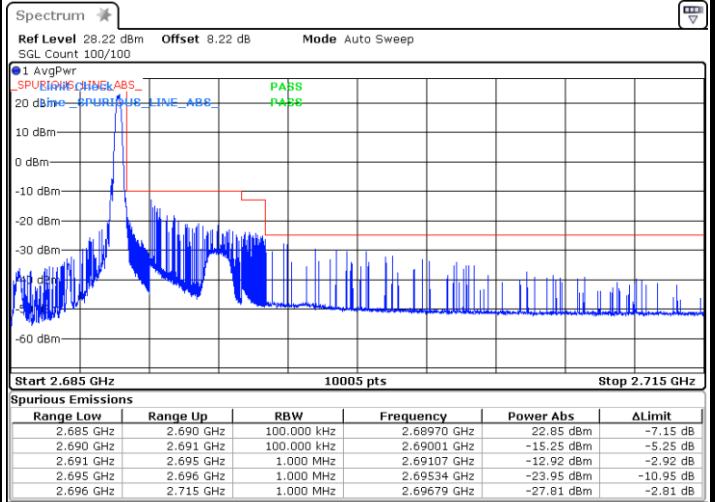
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



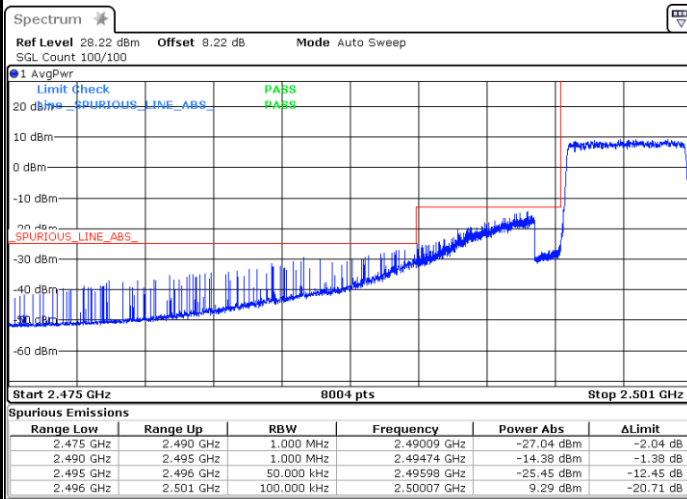
Date: 1 DEC.2021 12:11:21

Highest Band Edge / 1 RB



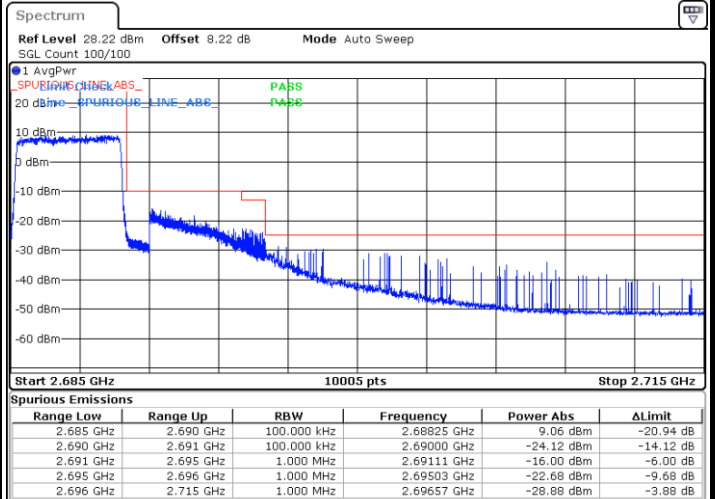
Date: 1 DEC.2021 08:52:26

Lowest Band Edge / Full RB



Date: 1 DEC.2021 08:37:14

Highest Band Edge / Full RB

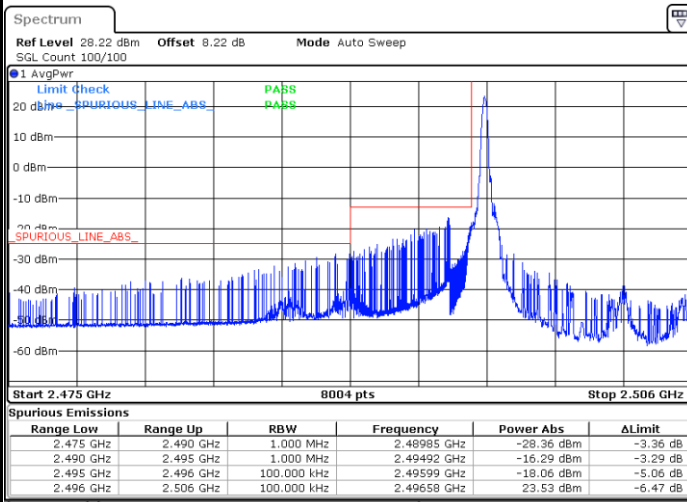


Date: 1 DEC.2021 08:54:19



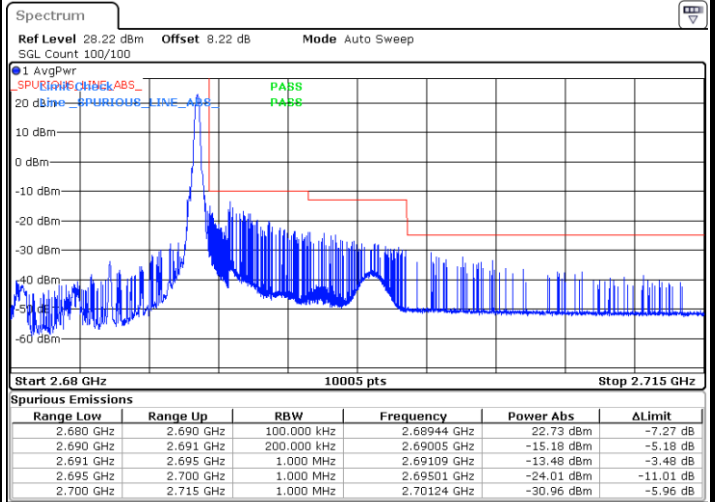
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



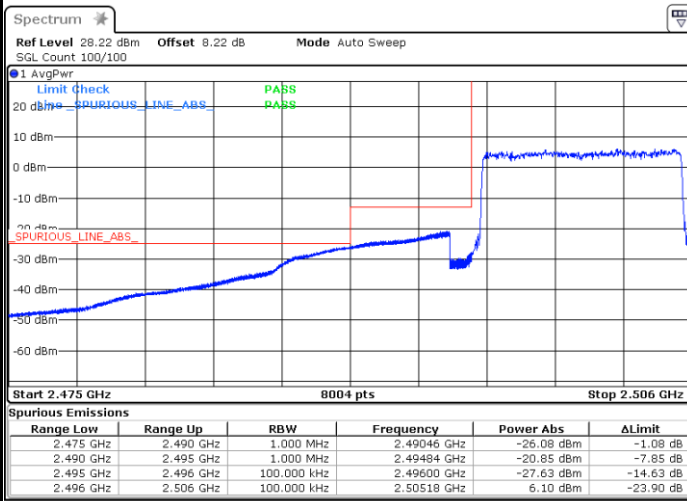
Date: 1 DEC.2021 09:02:43

Highest Band Edge / 1 RB



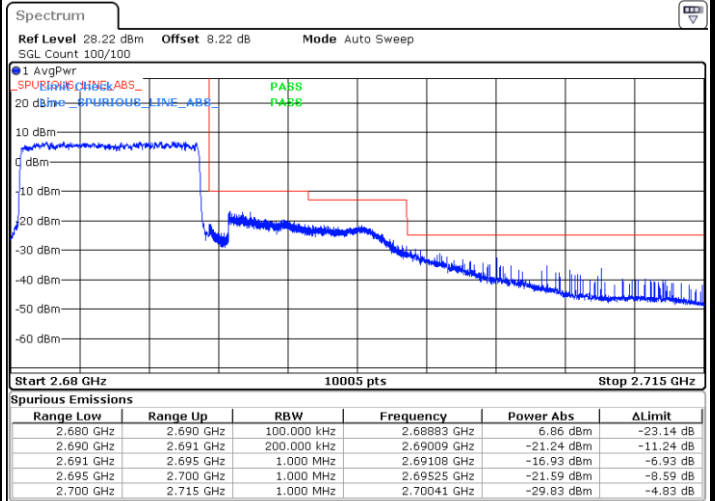
Date: 1 DEC.2021 09:20:27

Lowest Band Edge / Full RB



Date: 2 DEC.2021 18:43:55

Highest Band Edge / Full RB

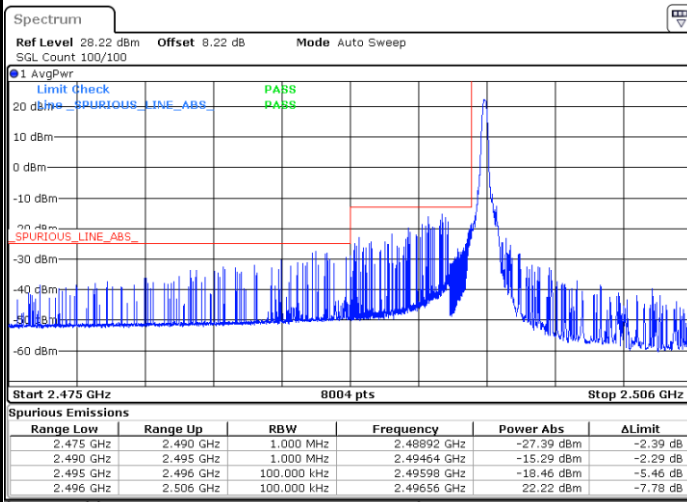


Date: 1 DEC.2021 09:29:54



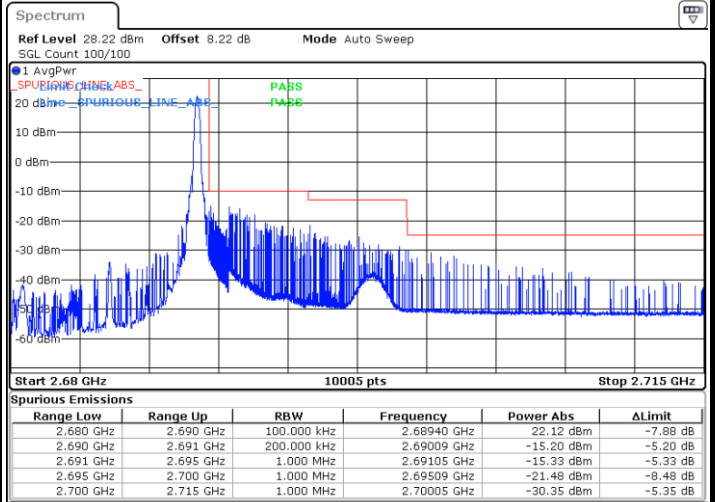
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



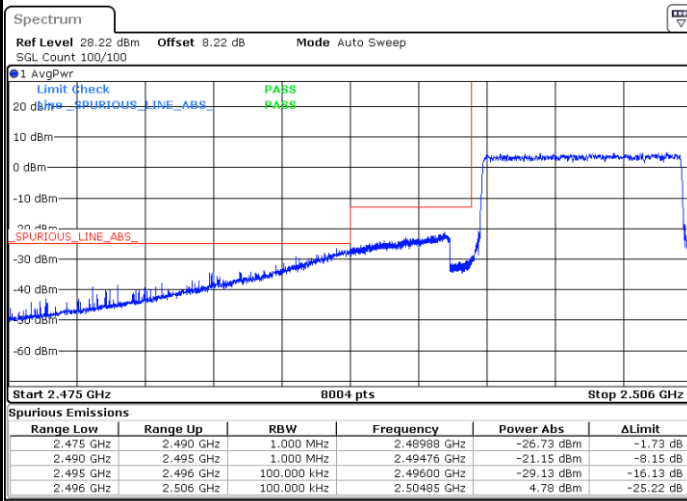
Date: 1 DEC.2021 14:06:05

Highest Band Edge / 1 RB



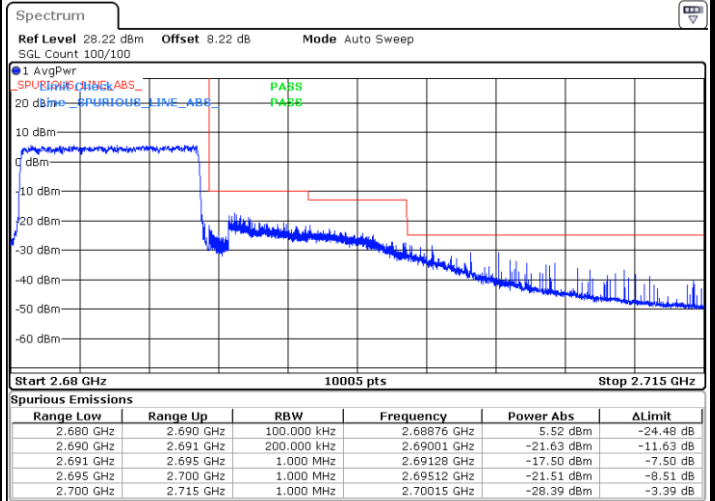
Date: 1 DEC.2021 09:22:21

Lowest Band Edge / Full RB



Date: 2 DEC.2021 18:34:31

Highest Band Edge / Full RB

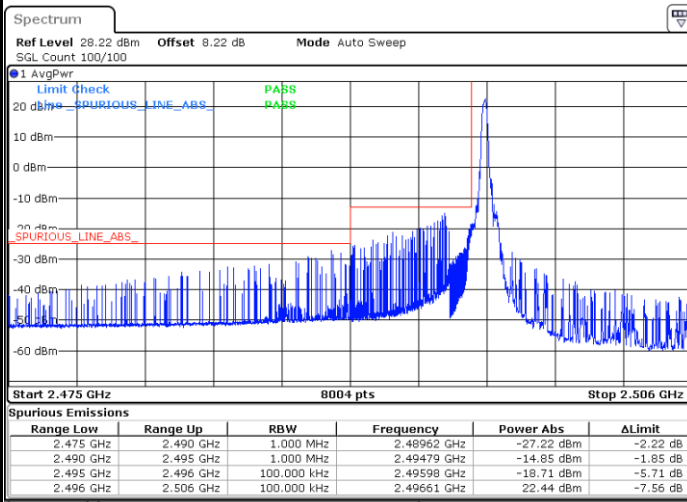


Date: 1 DEC.2021 09:28:01



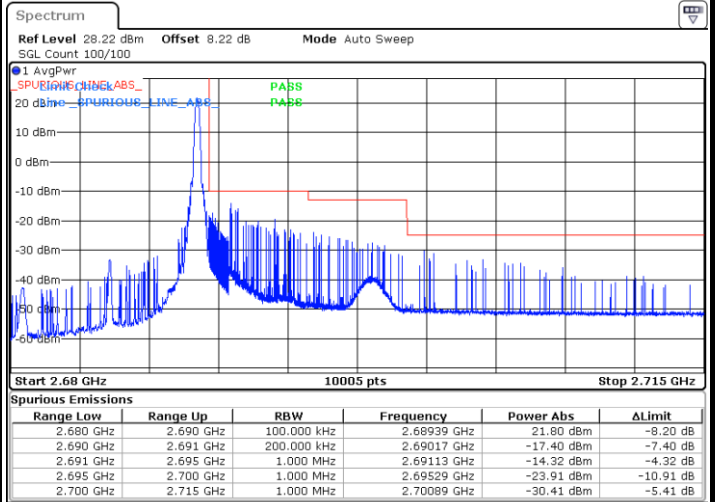
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



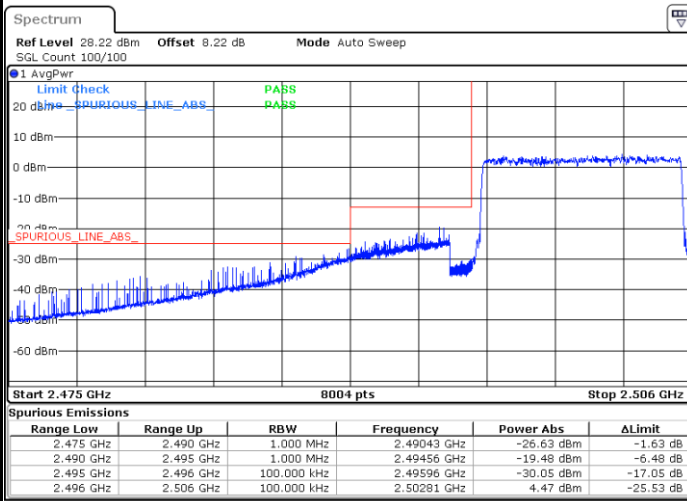
Date: 1 DEC.2021 14:06:44

Highest Band Edge / 1 RB



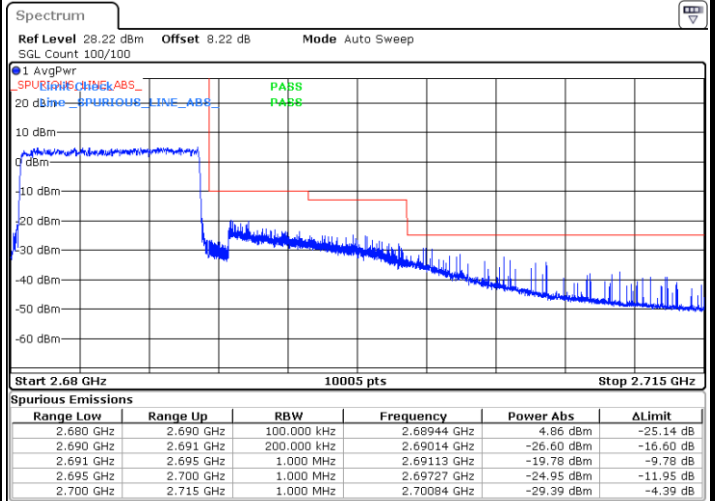
Date: 1 DEC.2021 09:24:14

Lowest Band Edge / Full RB



Date: 2 DEC.2021 18:35:54

Highest Band Edge / Full RB

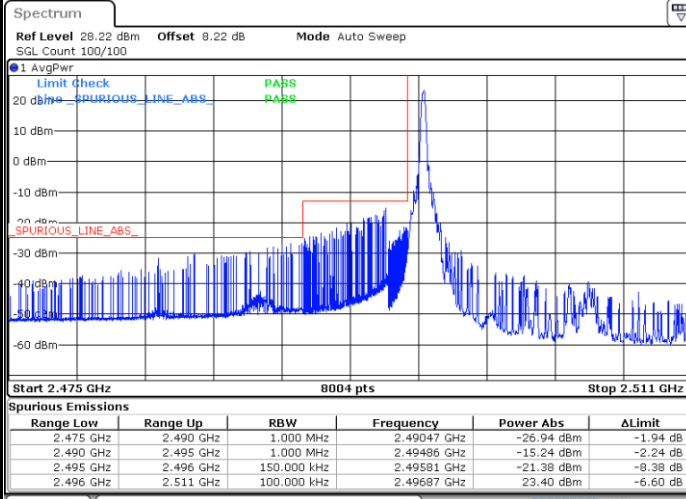


Date: 1 DEC.2021 09:26:07



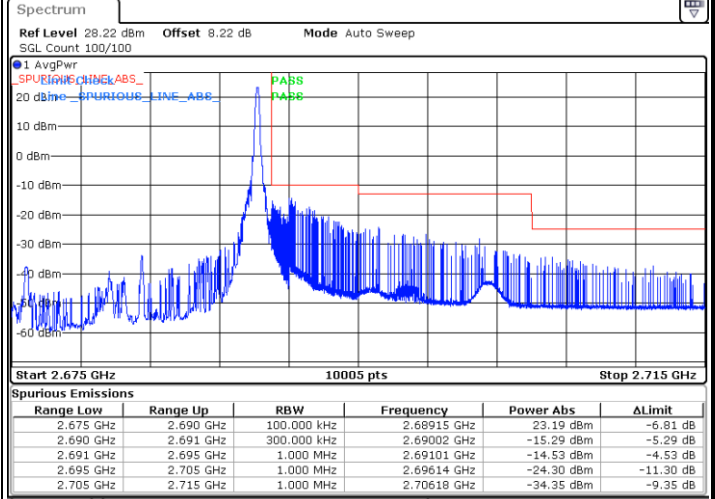
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



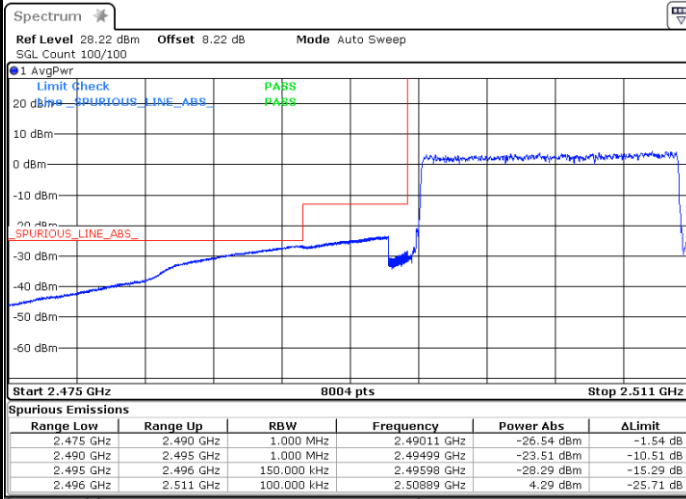
Date: 1 DEC.2021 14:32:58

Highest Band Edge / 1 RB



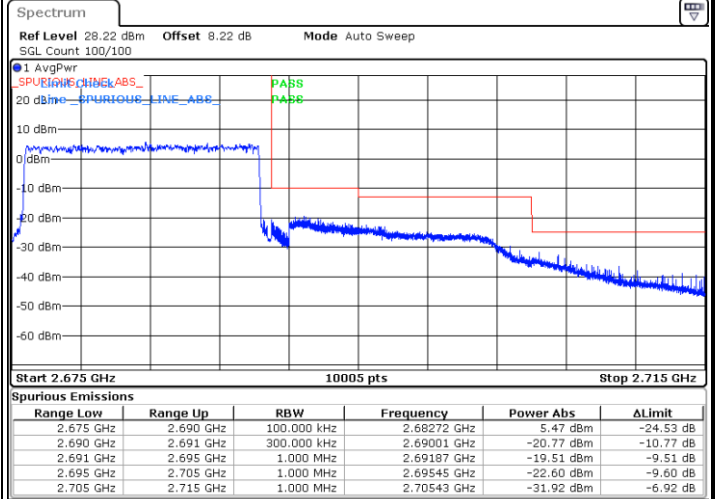
Date: 1 DEC.2021 09:51:37

Lowest Band Edge / Full RB



Date: 2 DEC.2021 18:37:18

Highest Band Edge / Full RB

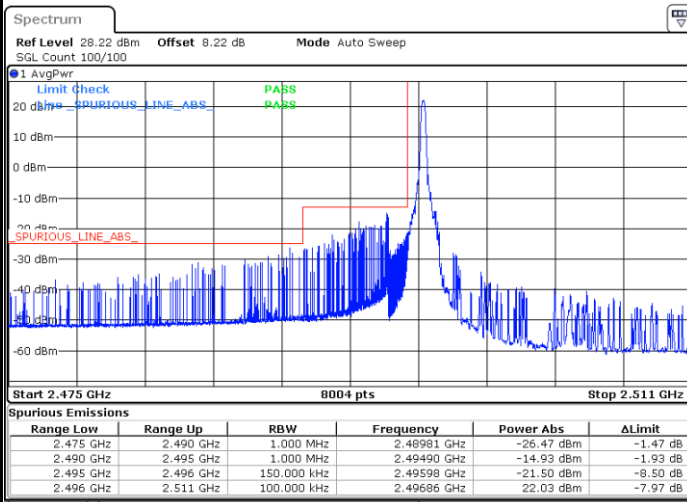


Date: 1 DEC.2021 10:01:04



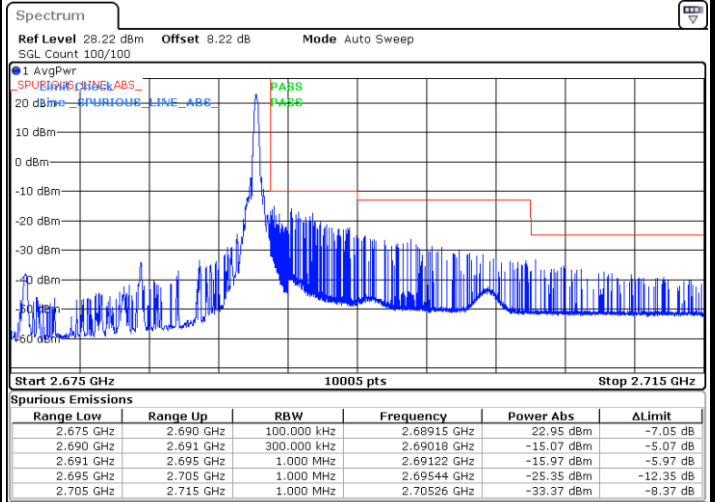
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



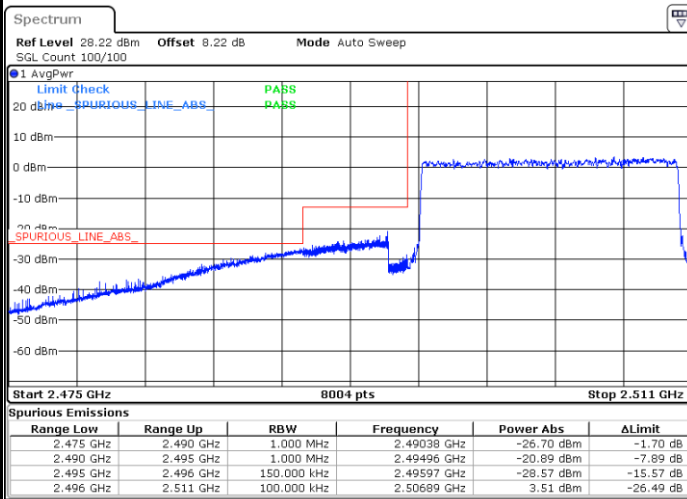
Date: 1 DEC.2021 09:36:24

Highest Band Edge / 1 RB



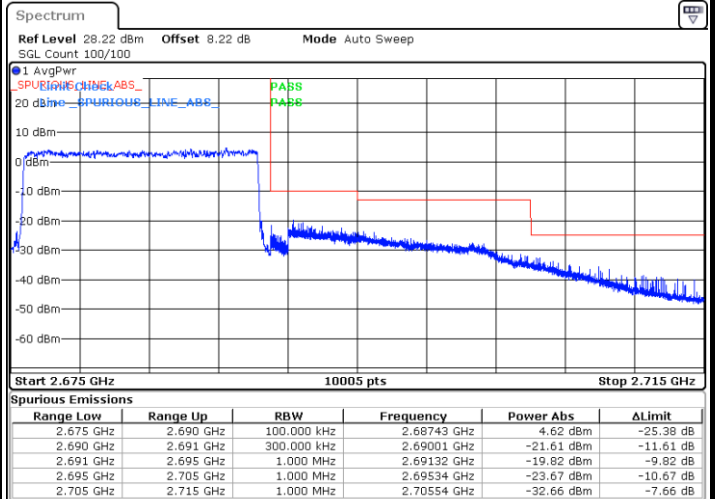
Date: 1 DEC.2021 09:53:30

Lowest Band Edge / Full RB



Date: 2 DEC.2021 18:38:42

Highest Band Edge / Full RB

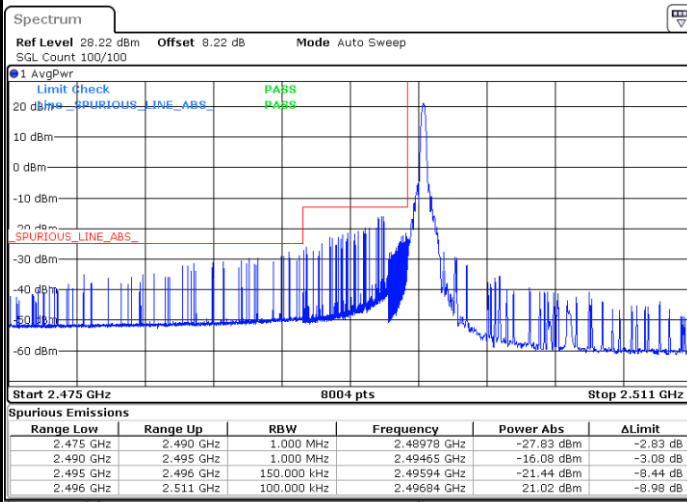


Date: 1 DEC.2021 09:59:11



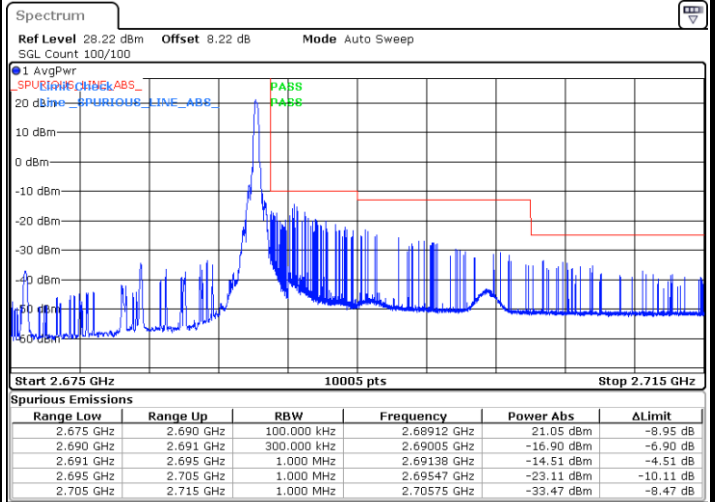
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



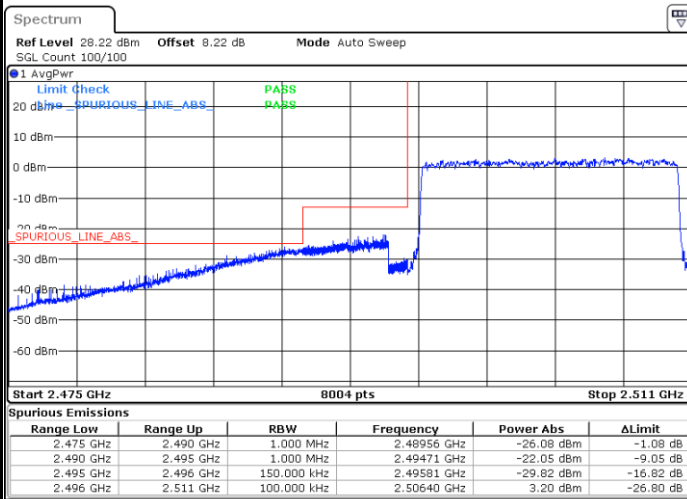
Date: 1 DEC.2021 09:38:18

Highest Band Edge / 1 RB



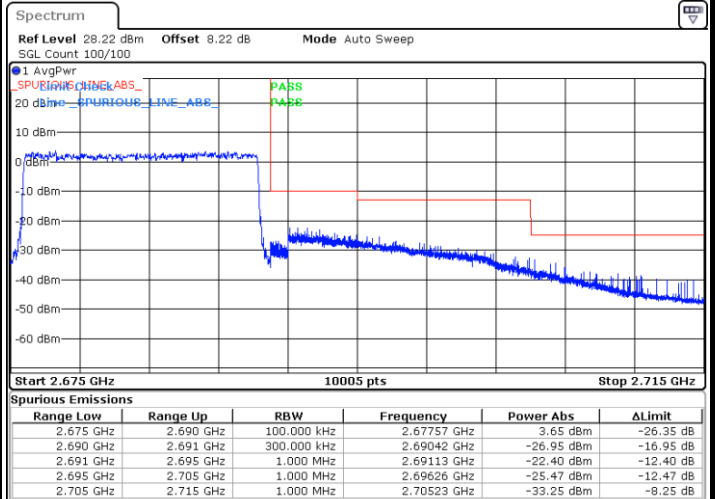
Date: 1 DEC.2021 09:55:24

Lowest Band Edge / Full RB



Date: 1 DEC.2021 09:40:11

Highest Band Edge / Full RB

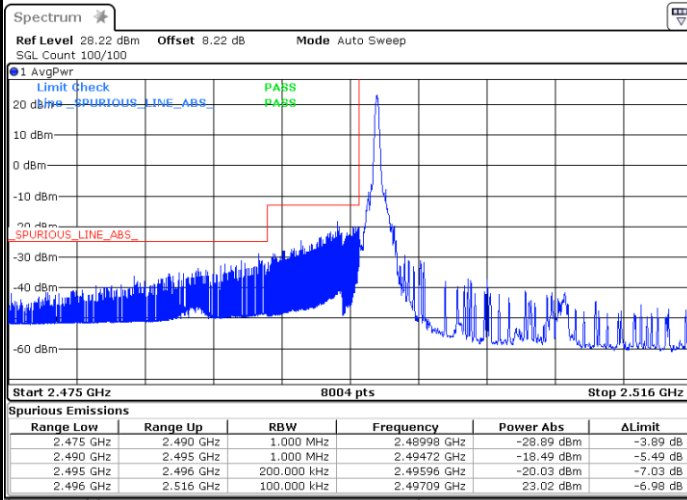


Date: 1 DEC.2021 09:57:17



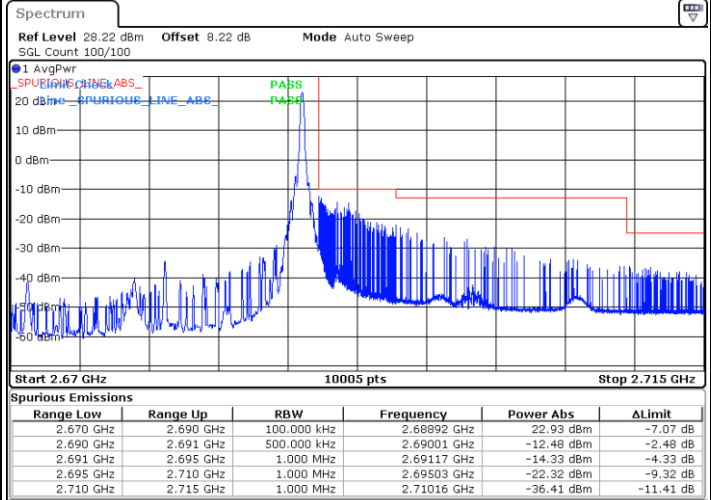
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



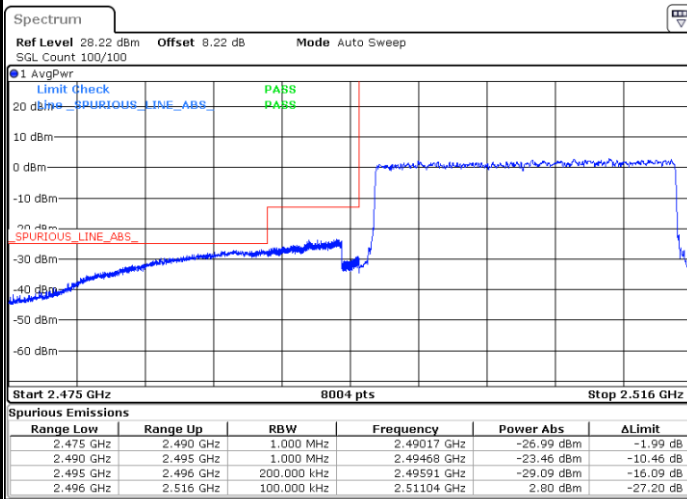
Date: 1 DEC.2021 14:39:57

Highest Band Edge / 1 RB



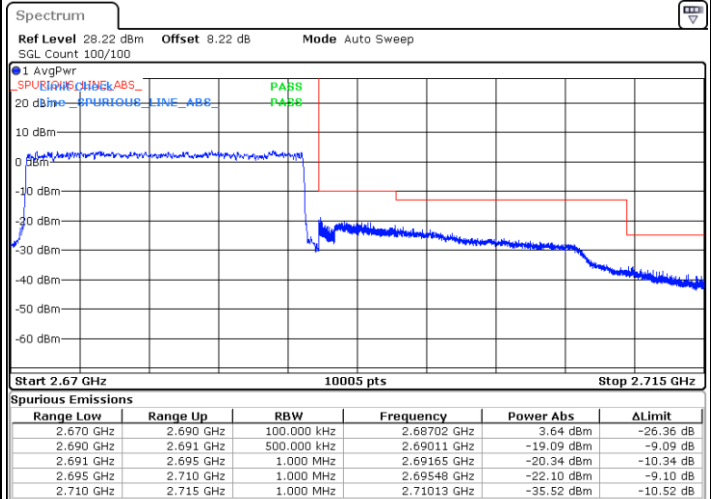
Date: 1 DEC.2021 10:22:47

Lowest Band Edge / Full RB



Date: 2 DEC.2021 18:40:06

Highest Band Edge / Full RB



Date: 1 DEC.2021 10:32:13