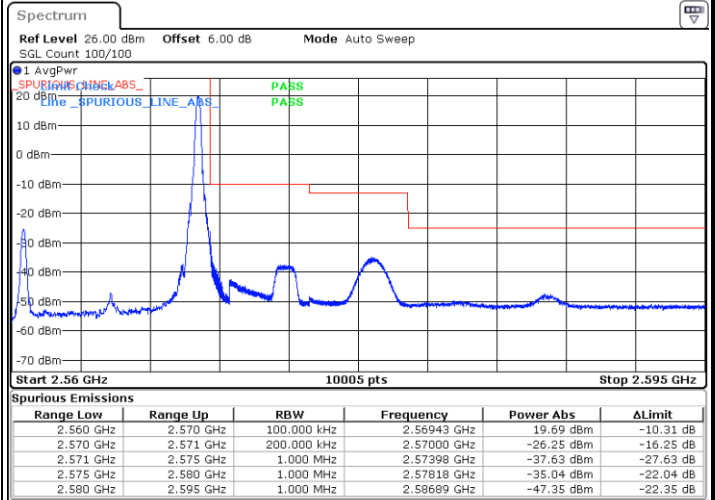
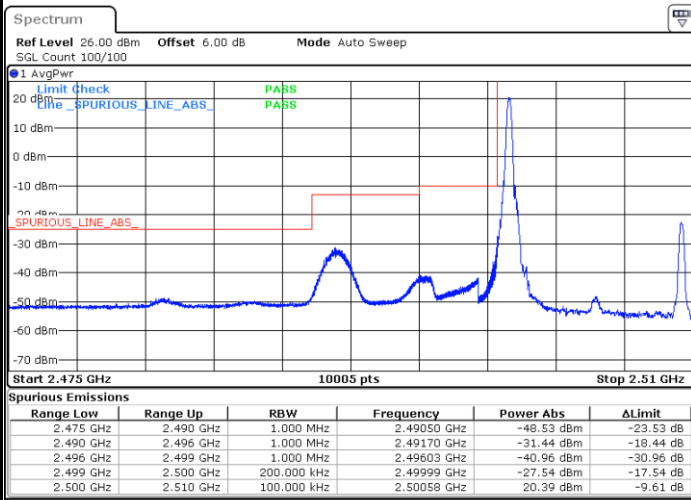




LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

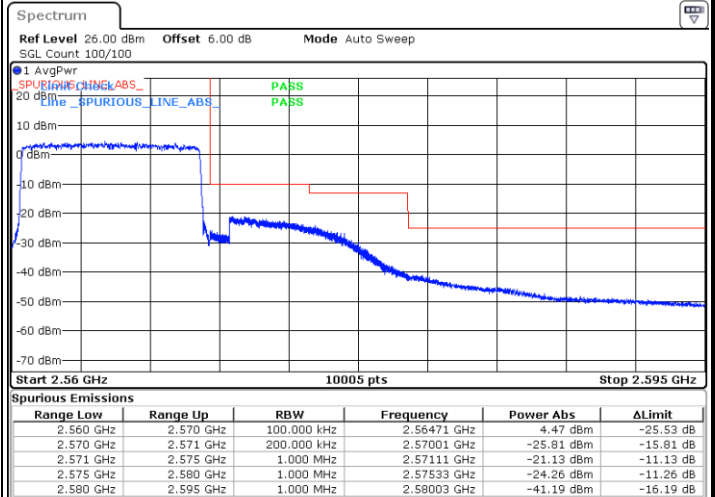
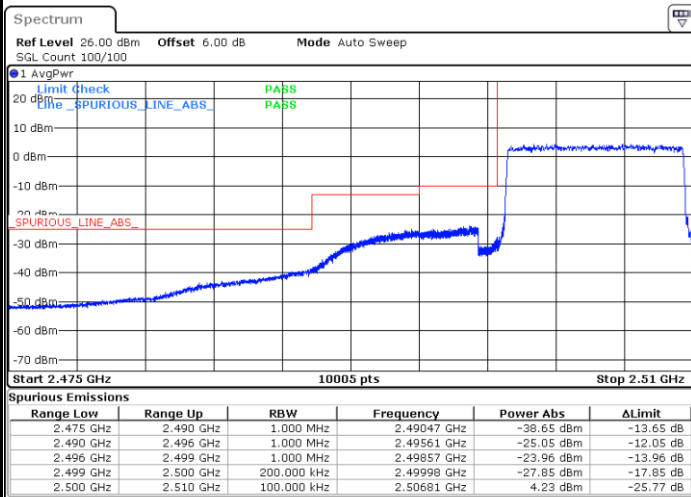


Date: 15.NOV.2022 09:05:23

Date: 15.NOV.2022 09:18:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.NOV.2022 09:13:44

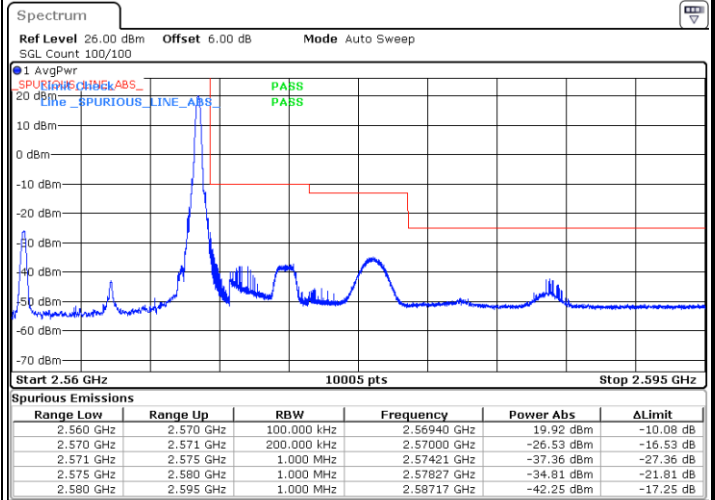
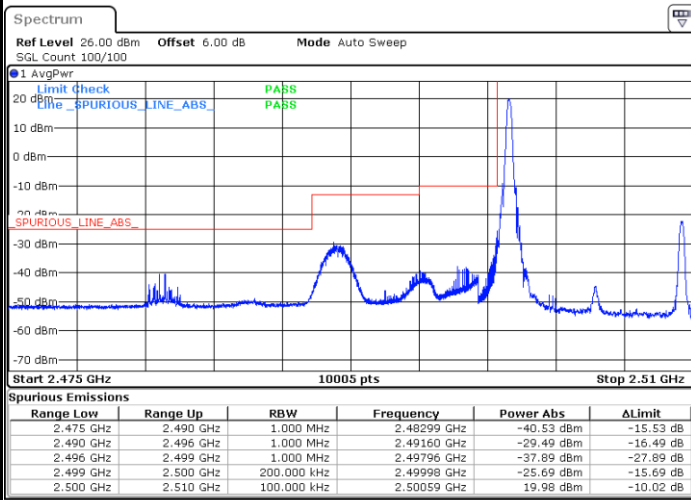
Date: 15.NOV.2022 09:26:26



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

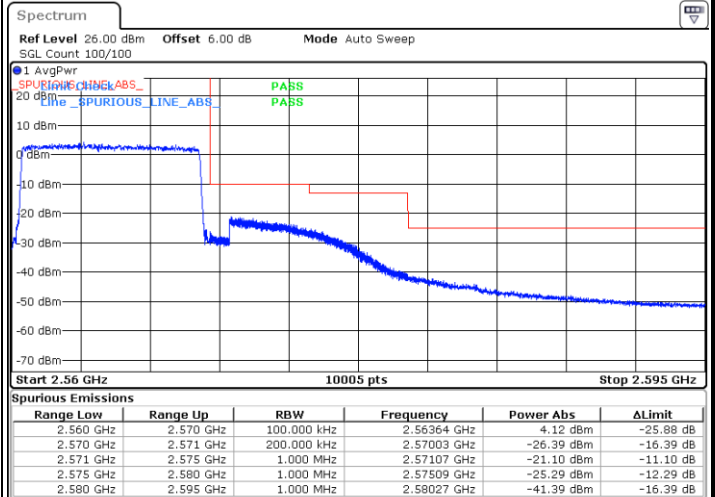
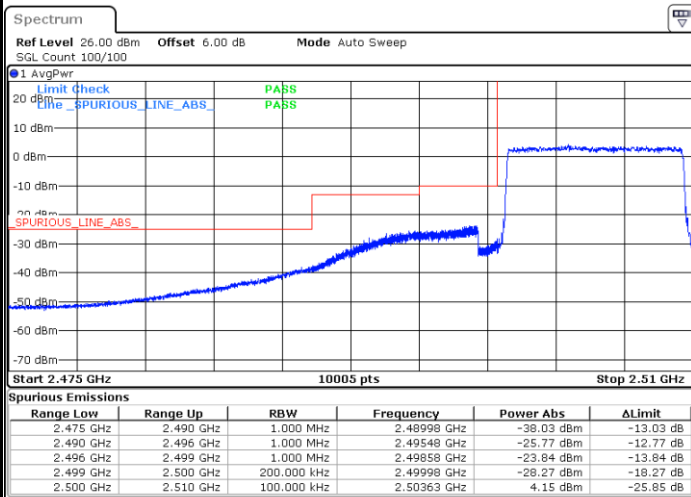


Date: 15.NOV.2022 09:07:04

Date: 15.NOV.2022 09:19:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



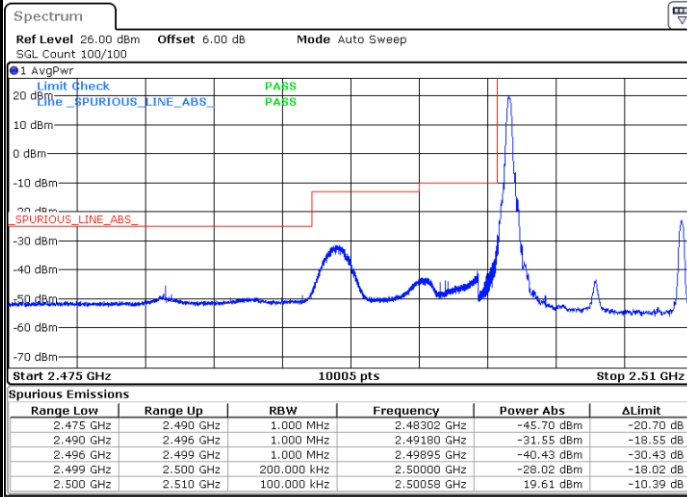
Date: 15.NOV.2022 09:12:04

Date: 15.NOV.2022 09:24:46



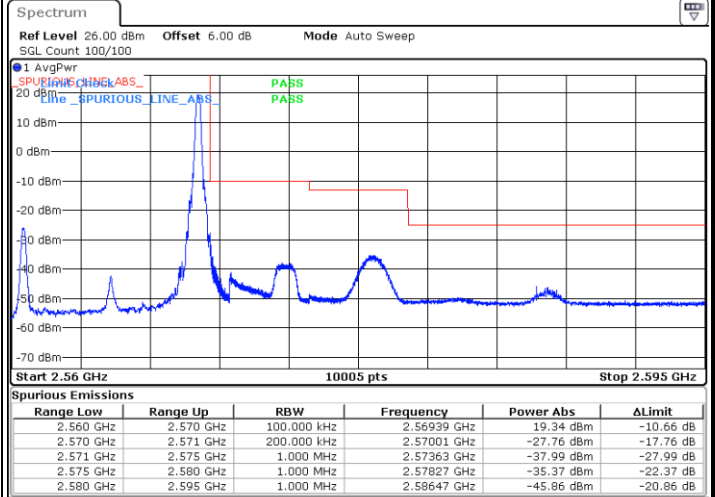
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



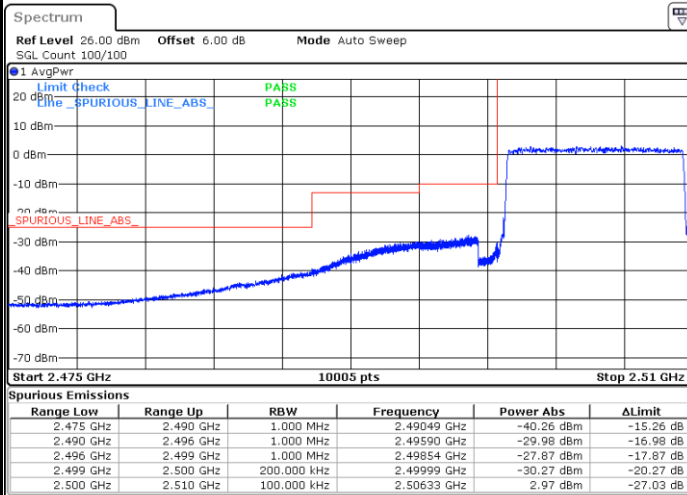
Date: 15.NOV.2022 09:08:44

Highest Band Edge / 1 RB



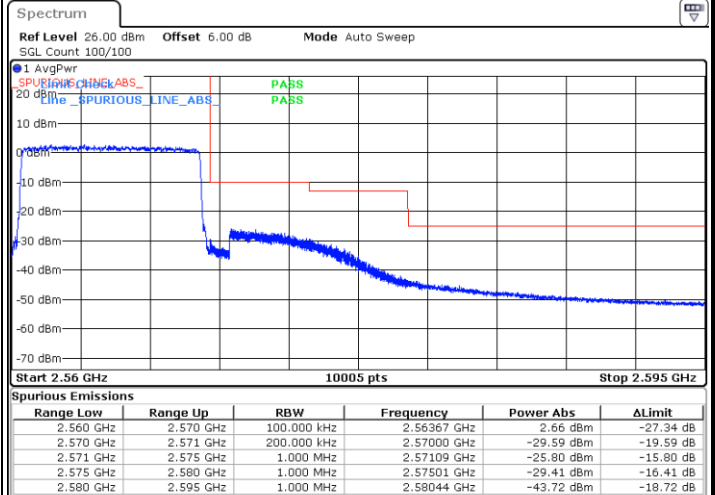
Date: 15.NOV.2022 09:21:24

Lowest Band Edge / Full RB



Date: 15.NOV.2022 09:10:24

Highest Band Edge / Full RB

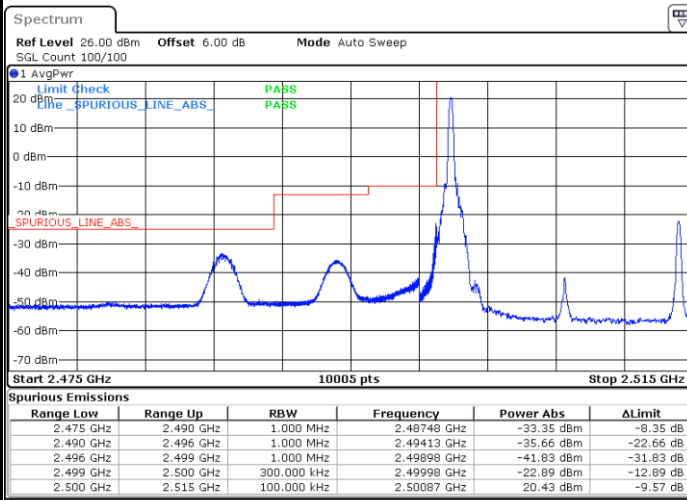


Date: 15.NOV.2022 09:23:05



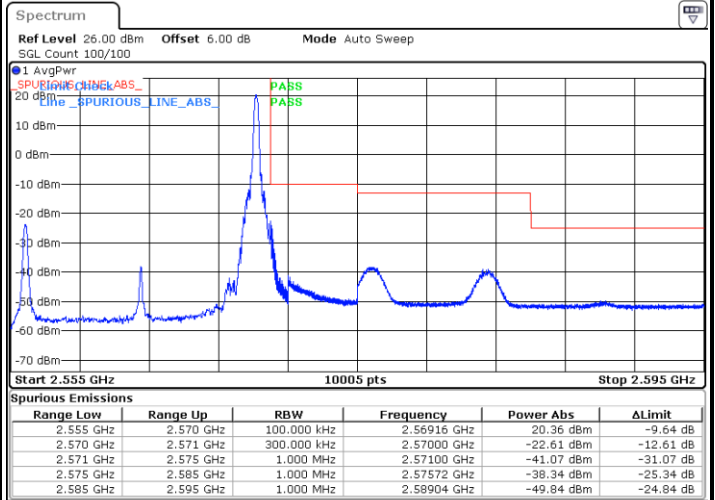
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



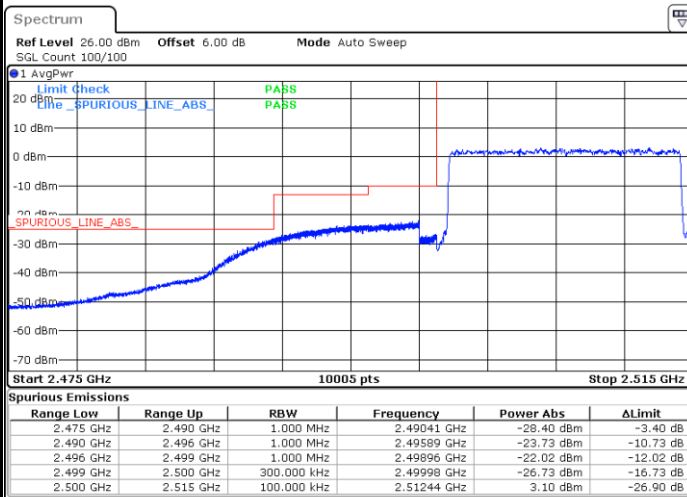
Date: 15.NOV.2022 09:29:28

Highest Band Edge / 1 RB



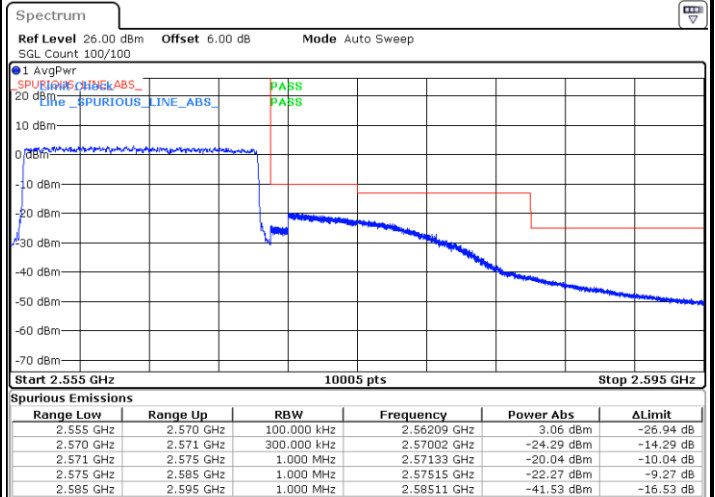
Date: 15.NOV.2022 09:42:10

Lowest Band Edge / Full RB



Date: 15.NOV.2022 09:37:51

Highest Band Edge / Full RB

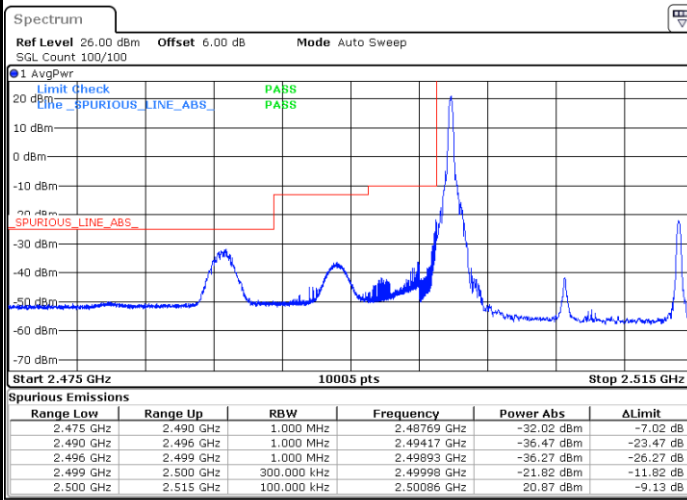


Date: 15.NOV.2022 09:50:32



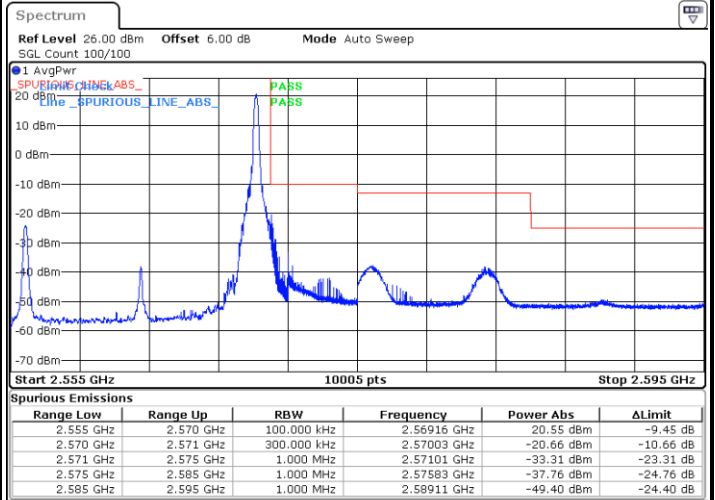
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



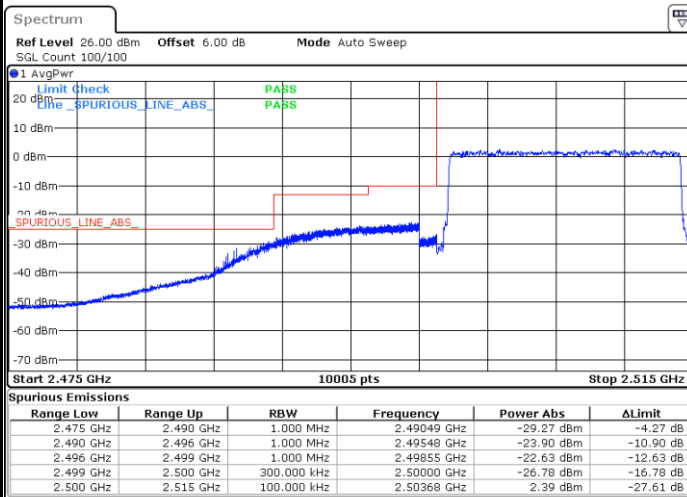
Date: 15.NOV.2022 09:31:08

Highest Band Edge / 1 RB



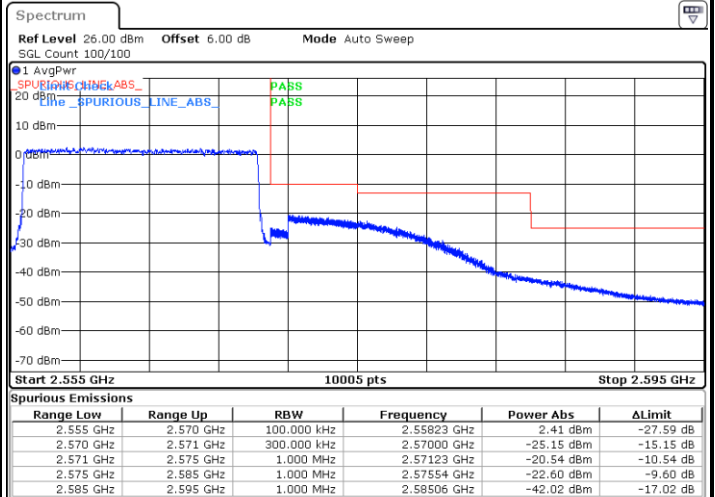
Date: 15.NOV.2022 09:43:50

Lowest Band Edge / Full RB



Date: 15.NOV.2022 09:36:10

Highest Band Edge / Full RB

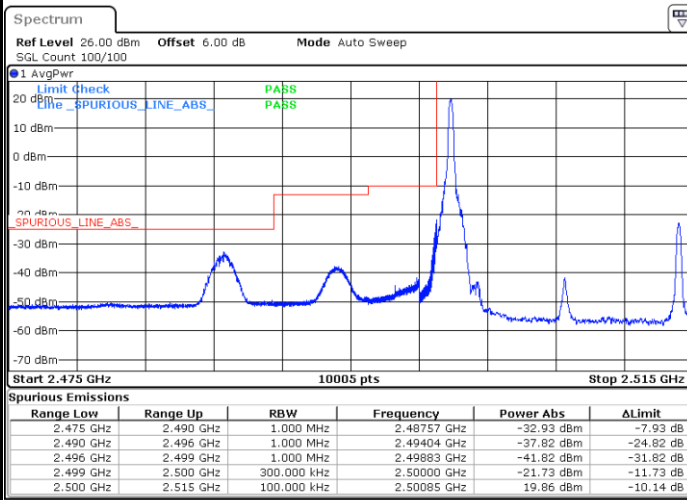


Date: 15.NOV.2022 09:48:52



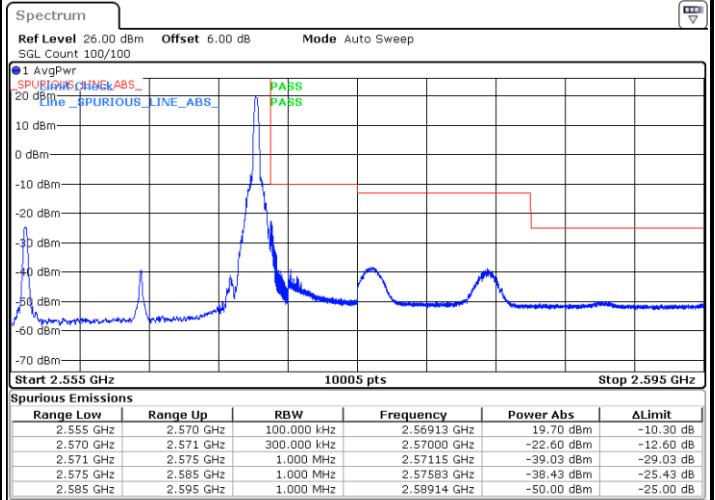
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



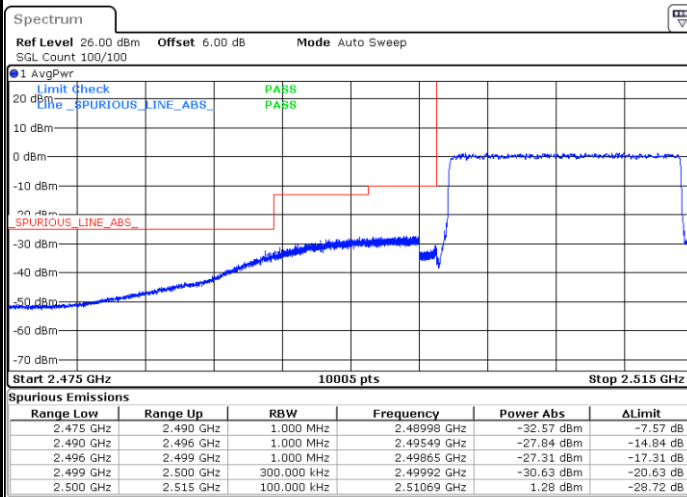
Date: 15.NOV.2022 09:32:49

Highest Band Edge / 1 RB



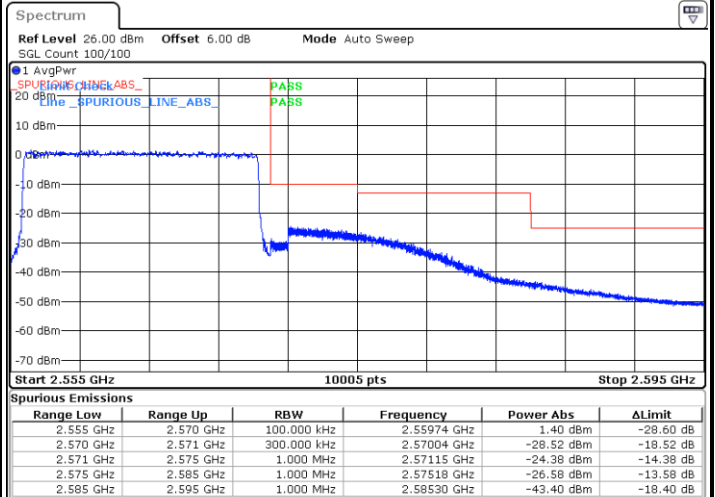
Date: 15.NOV.2022 09:45:30

Lowest Band Edge / Full RB



Date: 15.NOV.2022 09:34:29

Highest Band Edge / Full RB

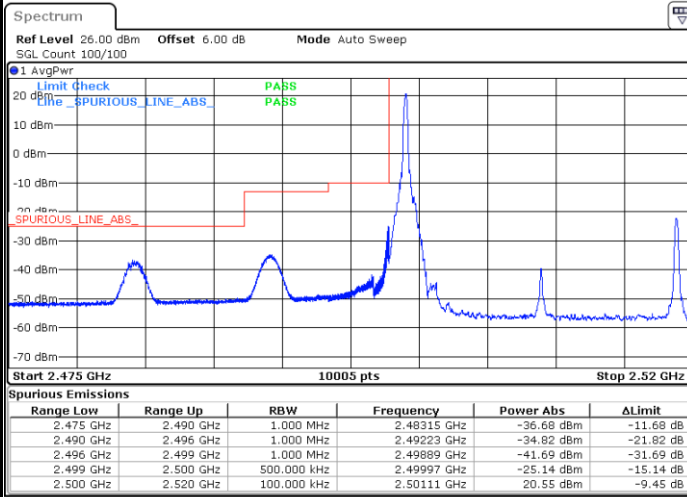


Date: 15.NOV.2022 09:47:11



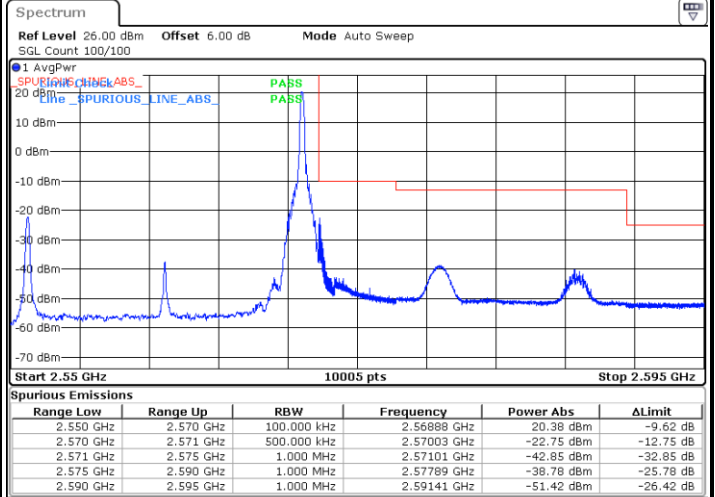
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



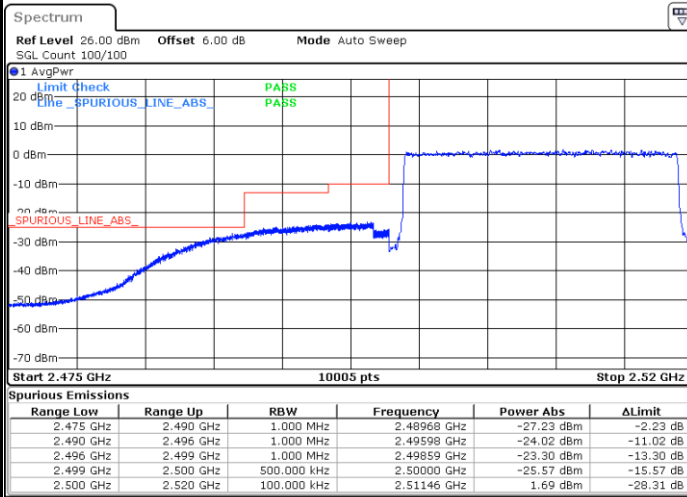
Date: 15.NOV.2022 09:53:32

Highest Band Edge / 1 RB



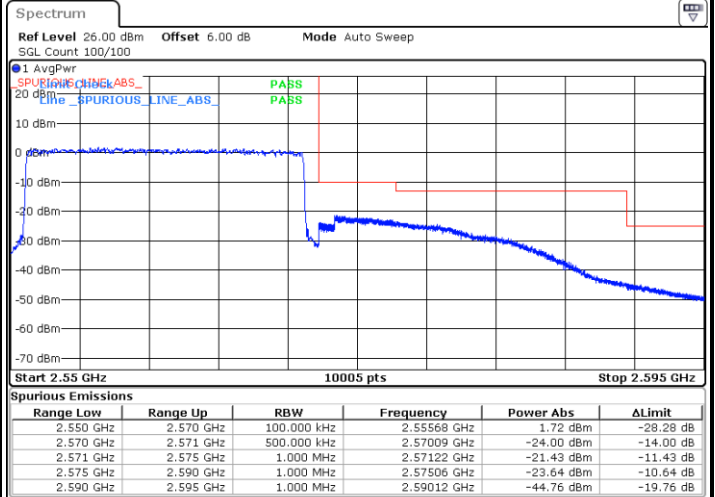
Date: 15.NOV.2022 10:06:15

Lowest Band Edge / Full RB



Date: 15.NOV.2022 10:01:54

Highest Band Edge / Full RB

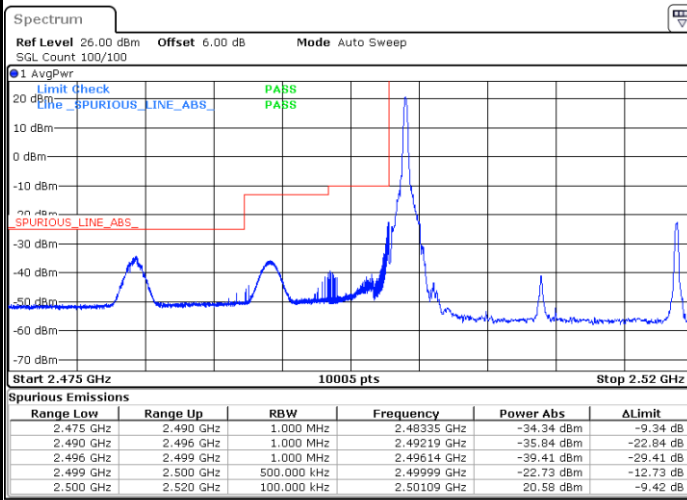


Date: 15.NOV.2022 10:14:39



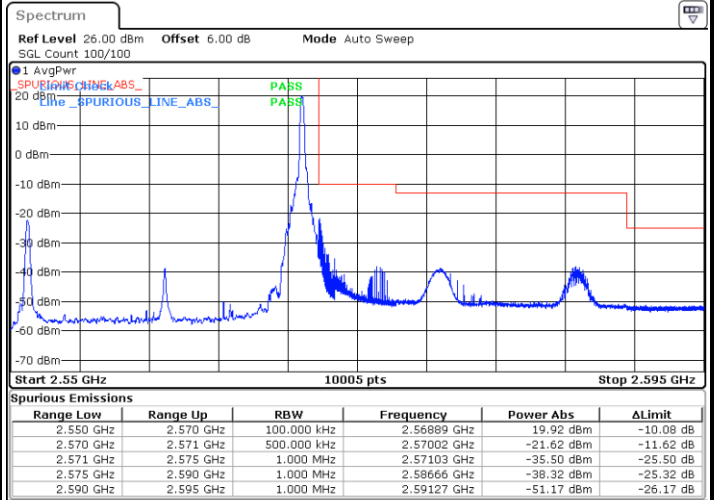
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



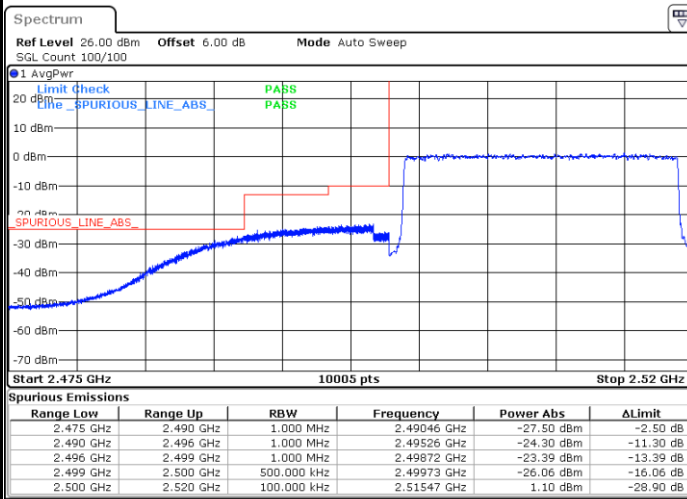
Date: 15.NOV.2022 09:55:13

Highest Band Edge / 1 RB



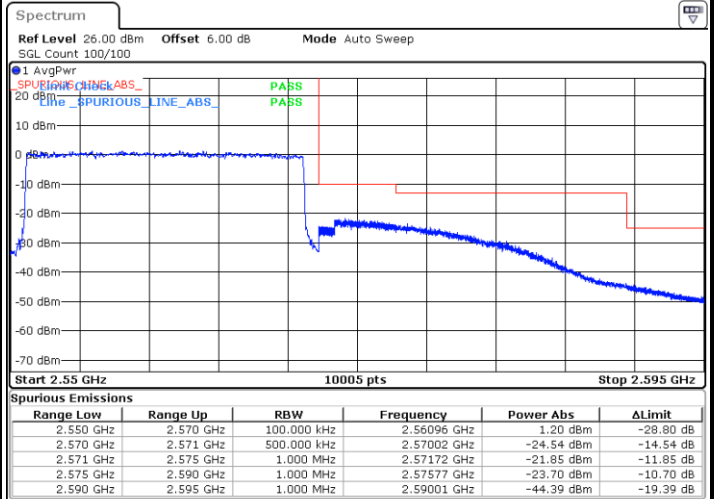
Date: 15.NOV.2022 10:07:56

Lowest Band Edge / Full RB



Date: 15.NOV.2022 10:00:14

Highest Band Edge / Full RB

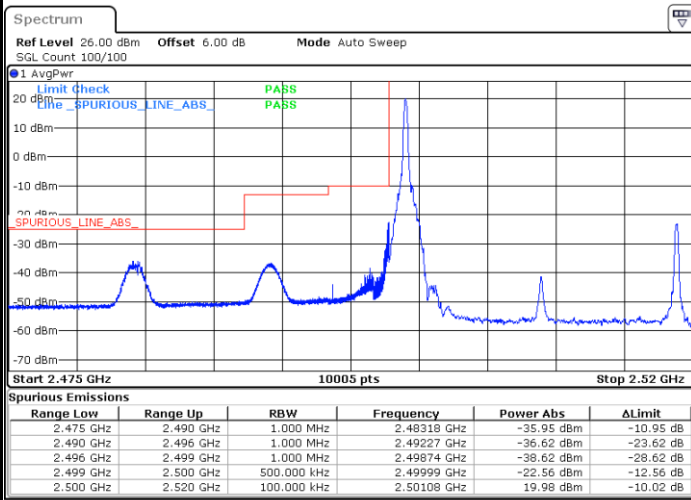


Date: 15.NOV.2022 10:12:58



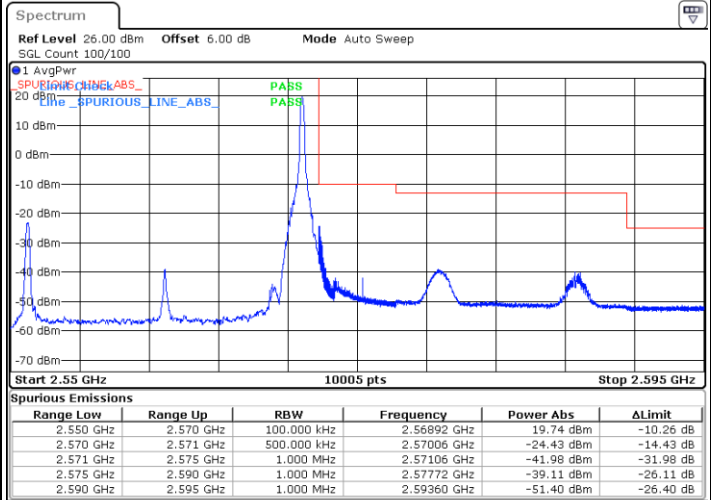
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



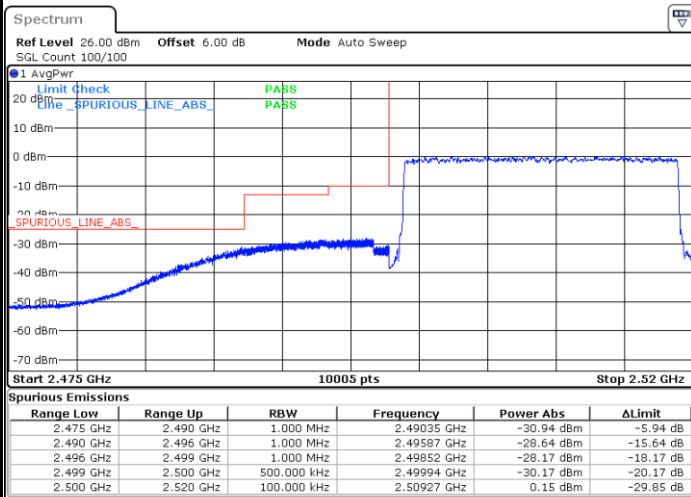
Date: 15.NOV.2022 09:56:54

Highest Band Edge / 1 RB



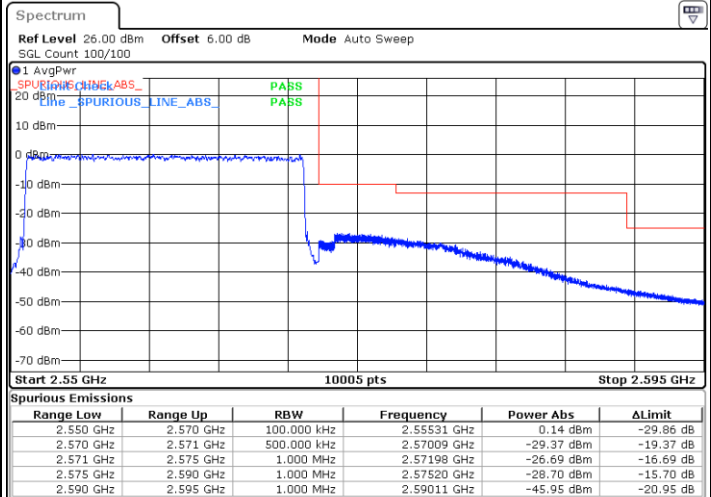
Date: 15.NOV.2022 10:09:38

Lowest Band Edge / Full RB



Date: 15.NOV.2022 09:58:34

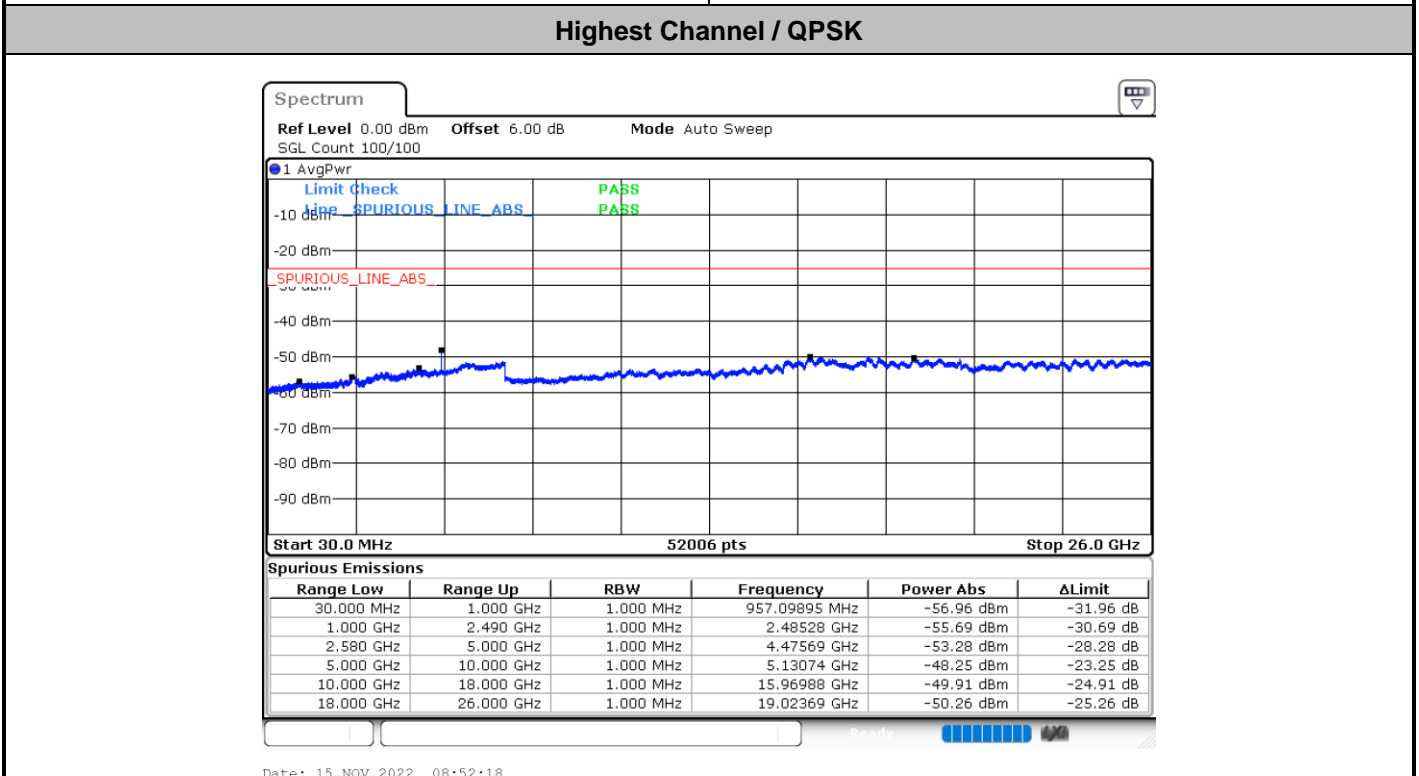
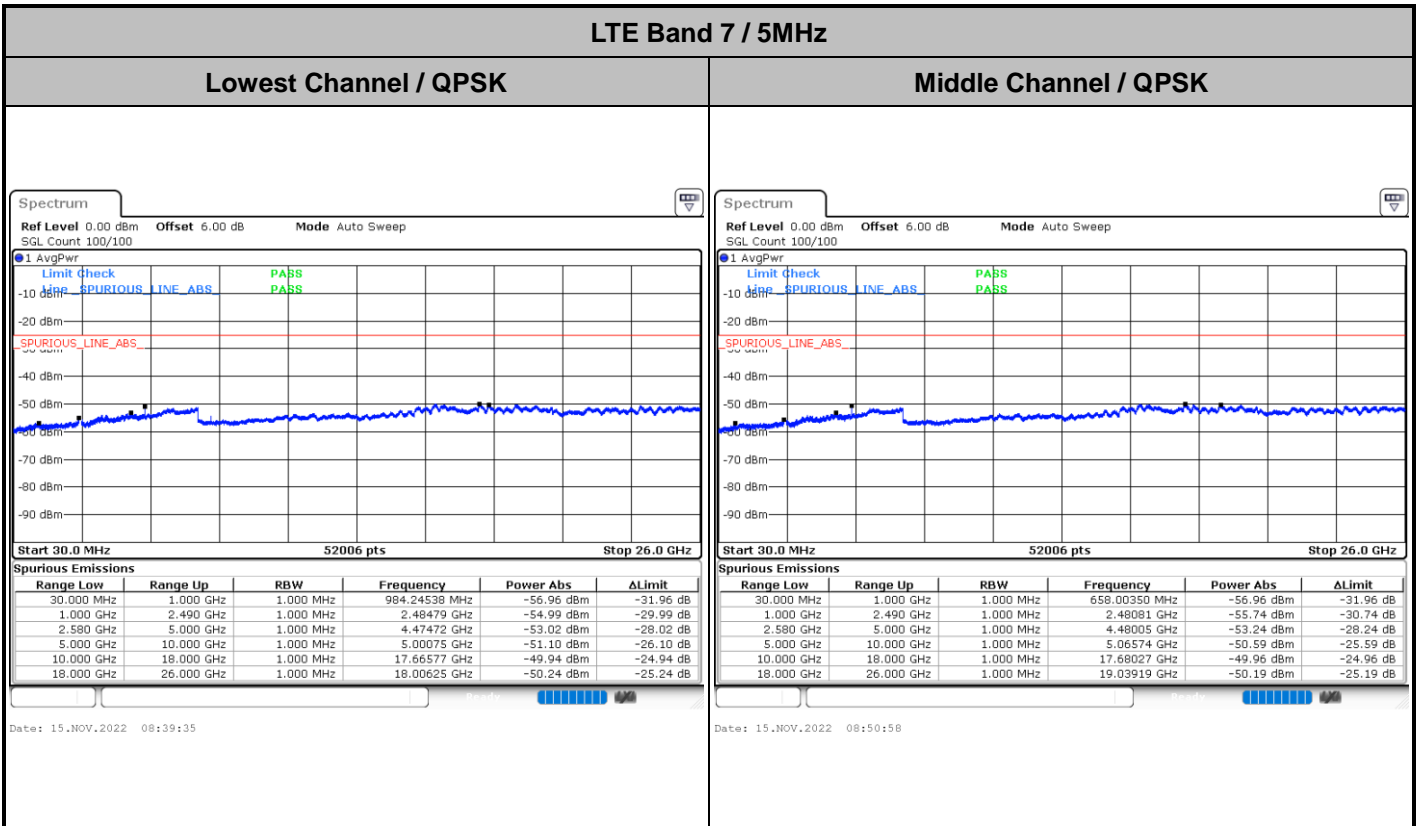
Highest Band Edge / Full RB



Date: 15.NOV.2022 10:11:18



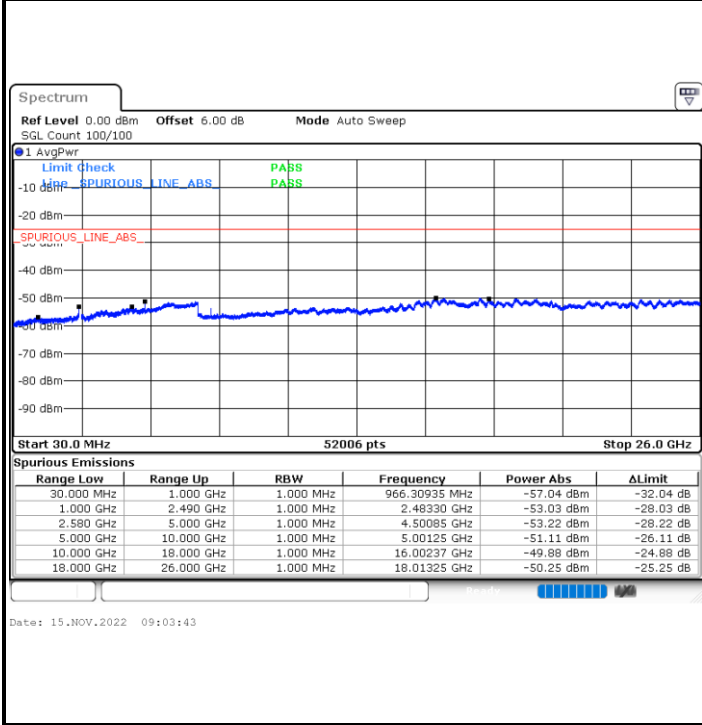
Conducted Spurious Emission





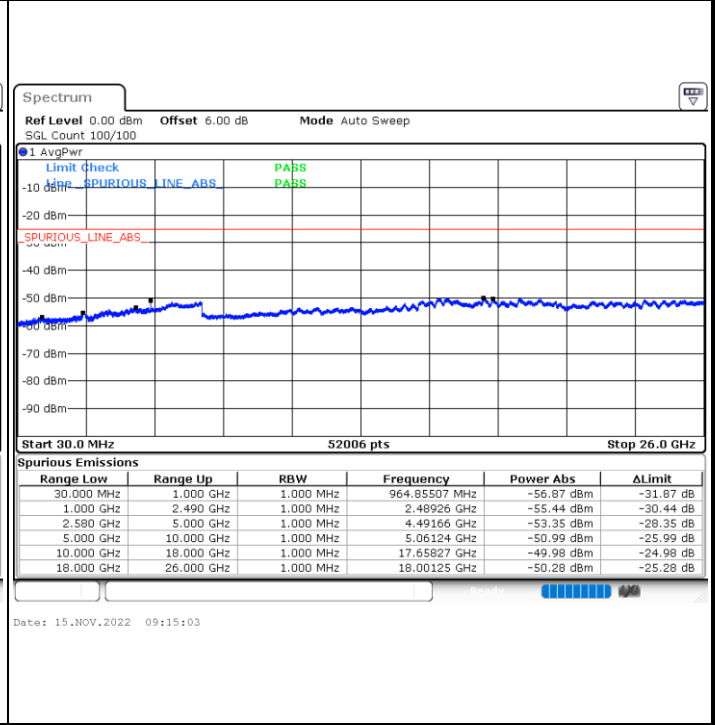
LTE Band 7 / 10MHz

Lowest Channel / QPSK



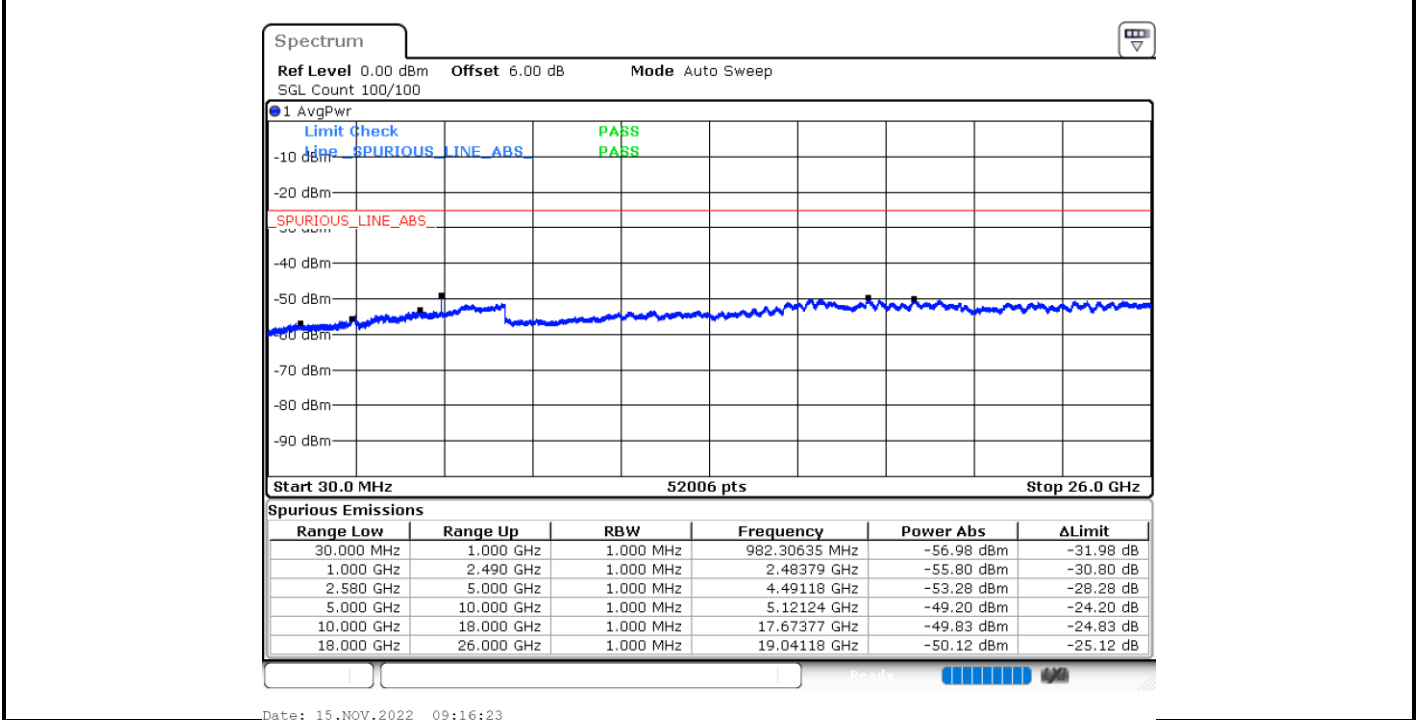
Date: 15.NOV.2022 09:03:43

Middle Channel / QPSK



Date: 15.NOV.2022 09:15:03

Highest Channel / QPSK

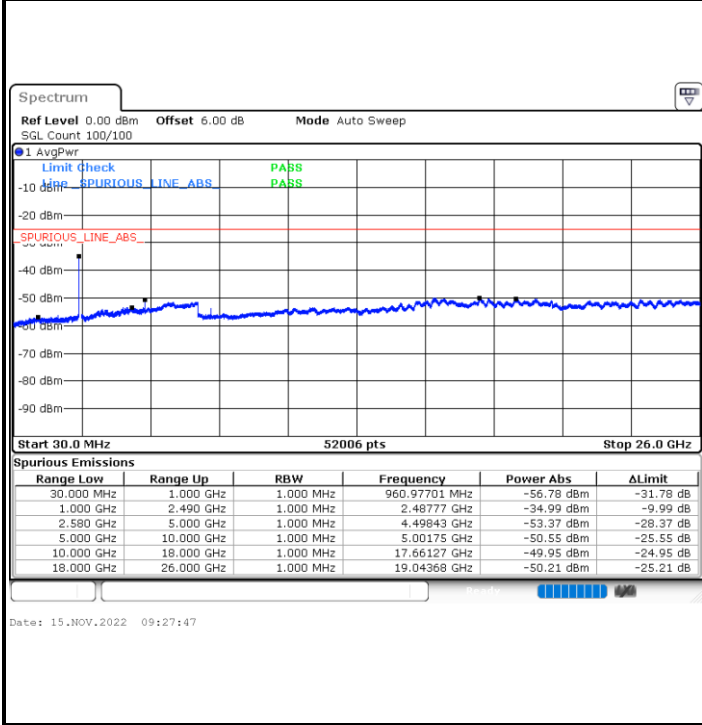


Date: 15.NOV.2022 09:16:23

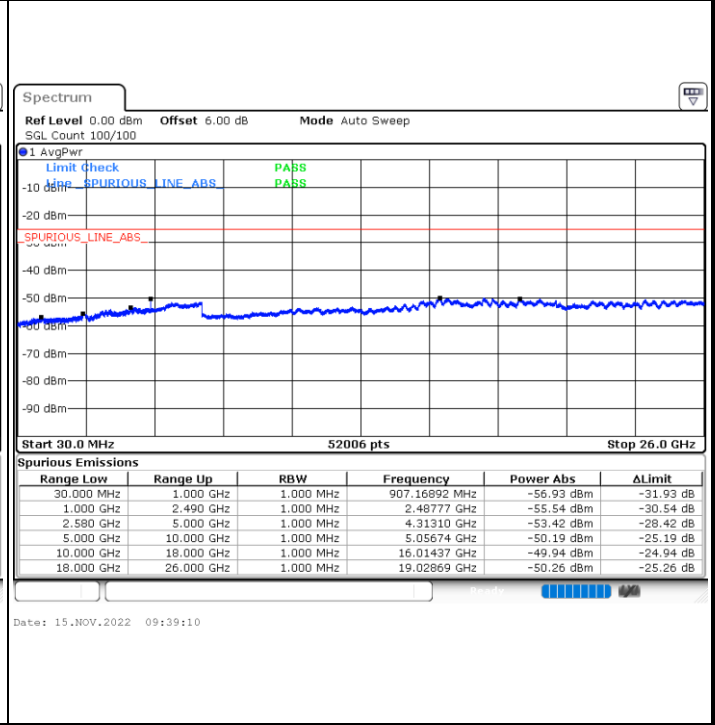


LTE Band 7 / 15MHz

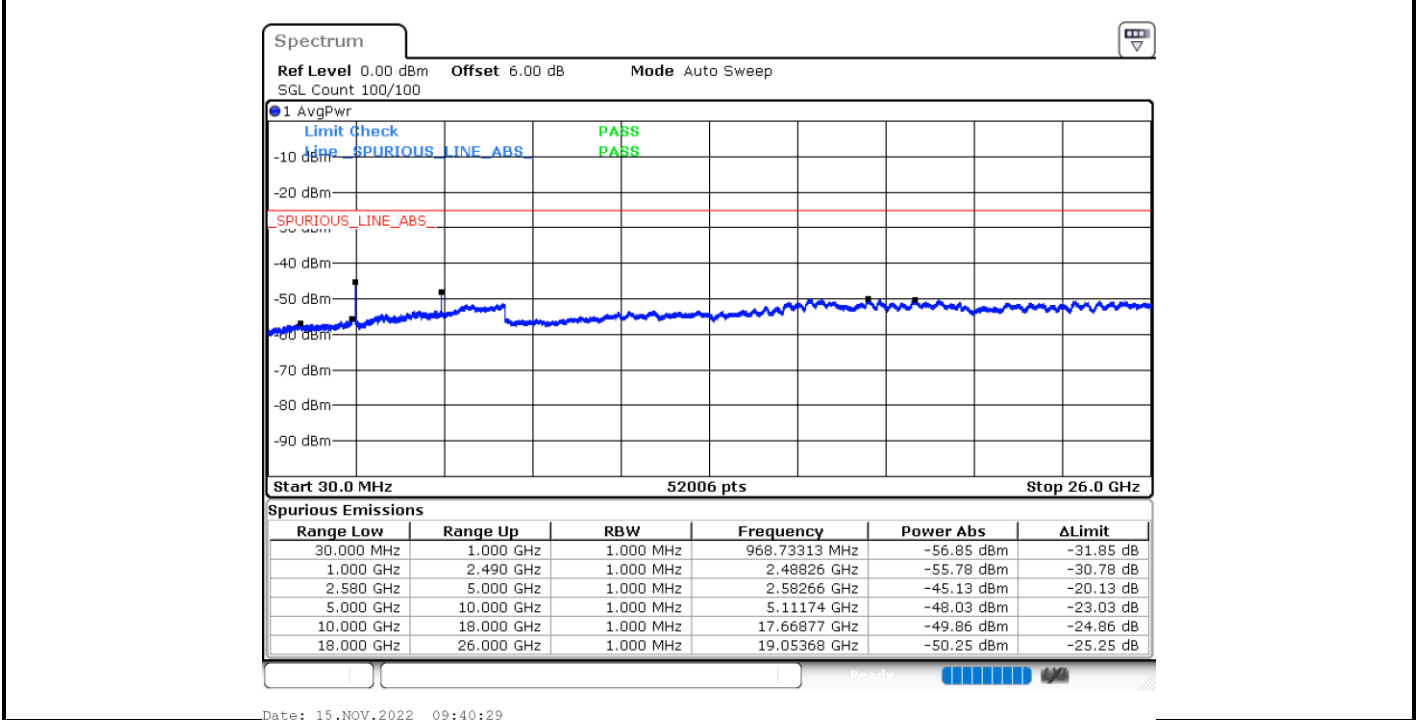
Lowest Channel / QPSK



Middle Channel / QPSK



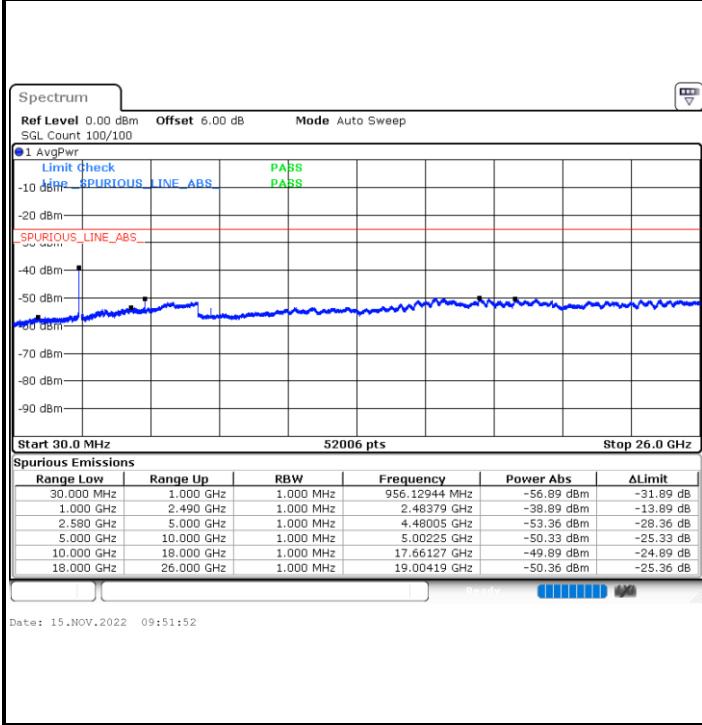
Highest Channel / QPSK



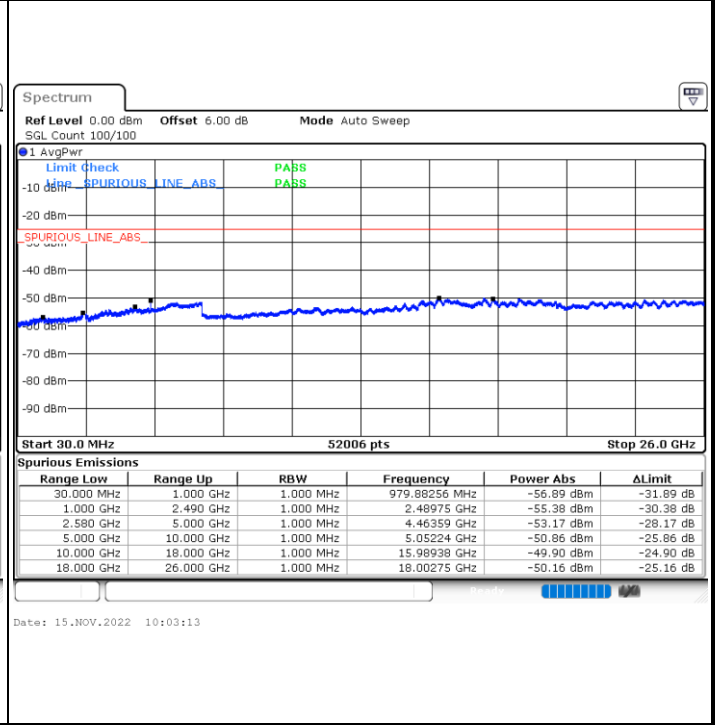


LTE Band 7 / 20MHz

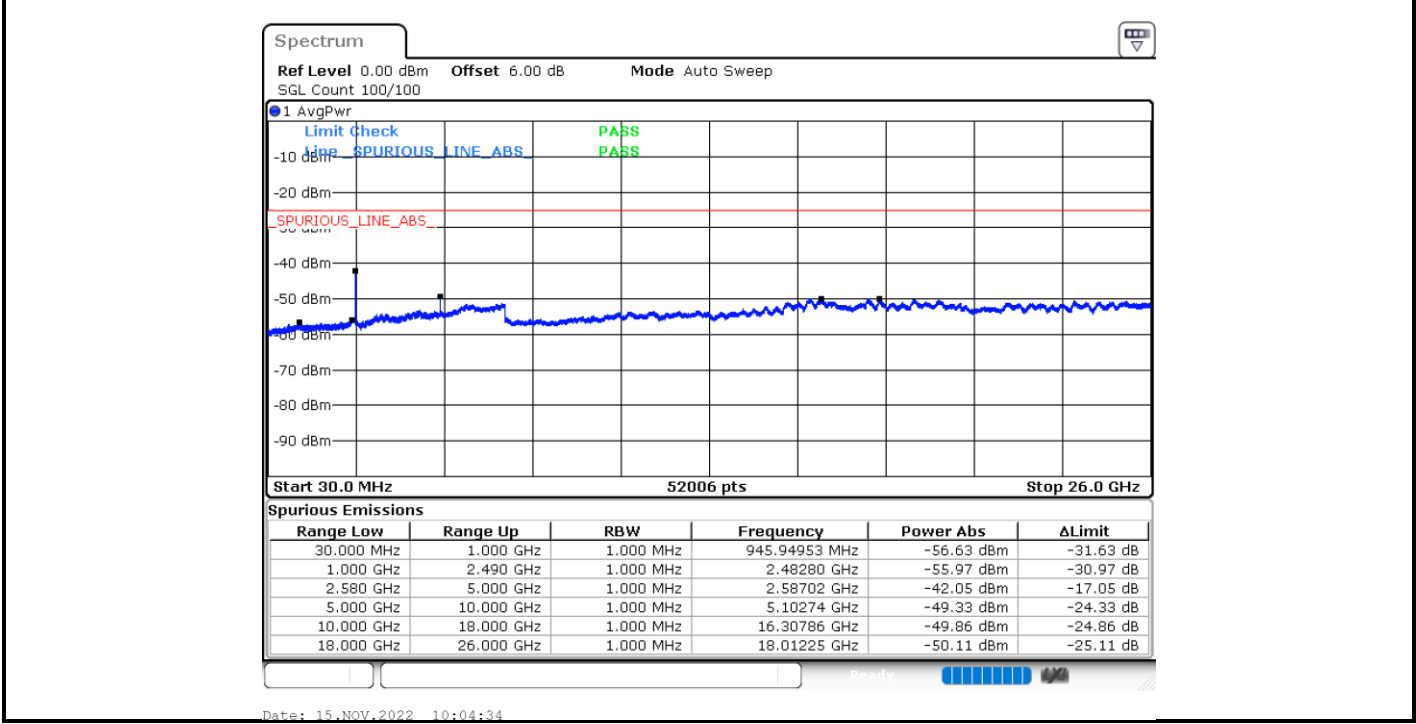
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





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	0.0008	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0005	

Note:

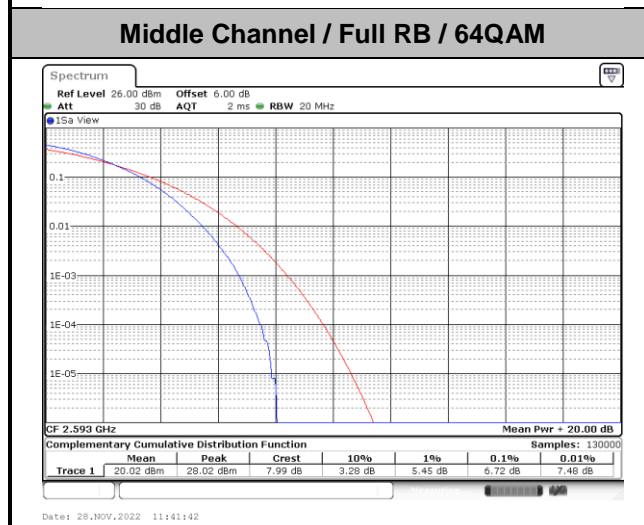
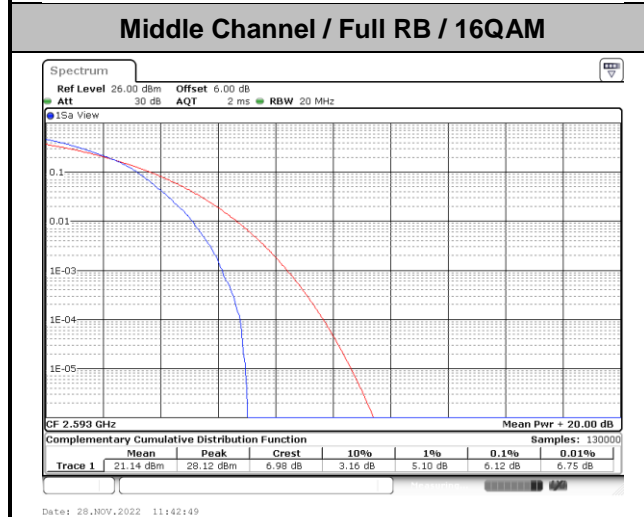
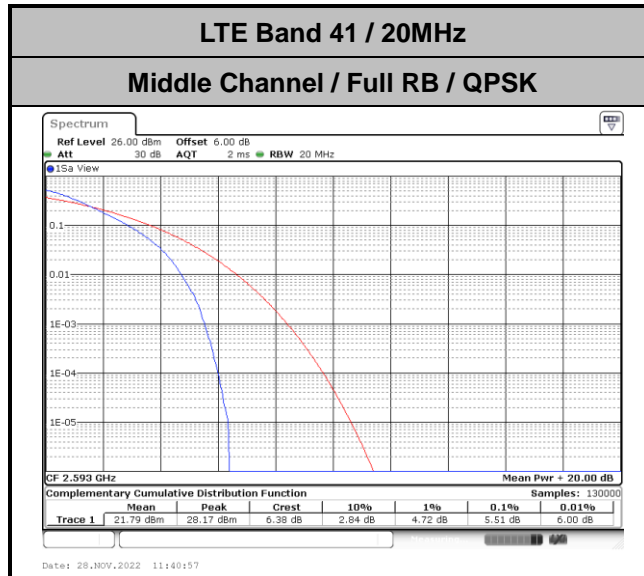
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.7 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

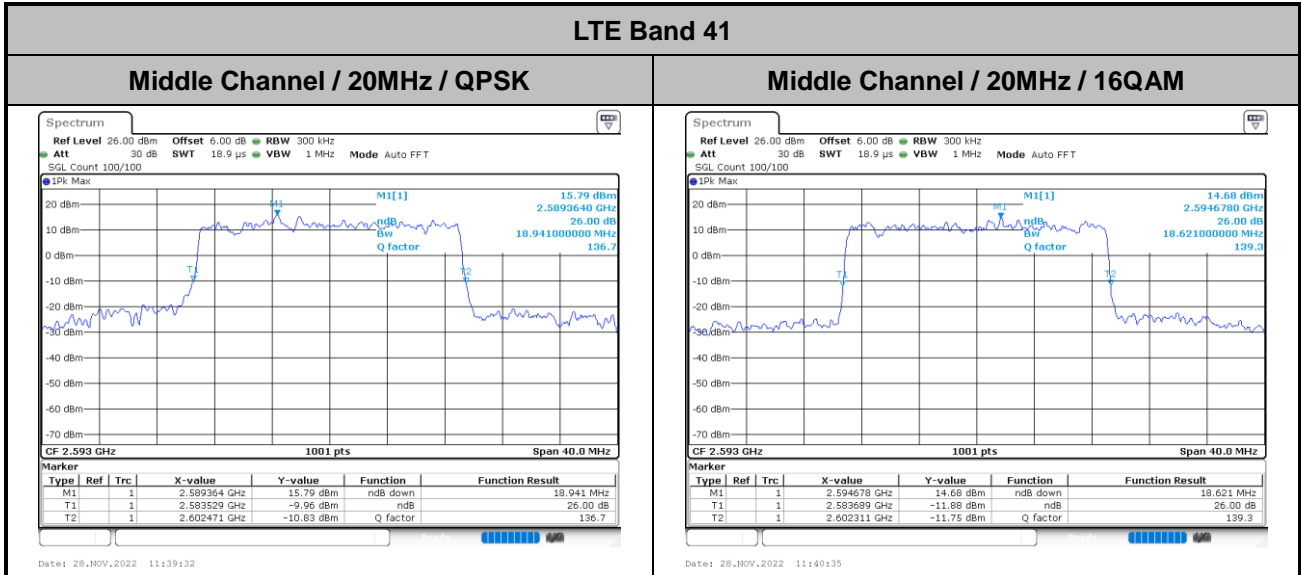
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.51	6.12	6.72	PASS





26dB Bandwidth

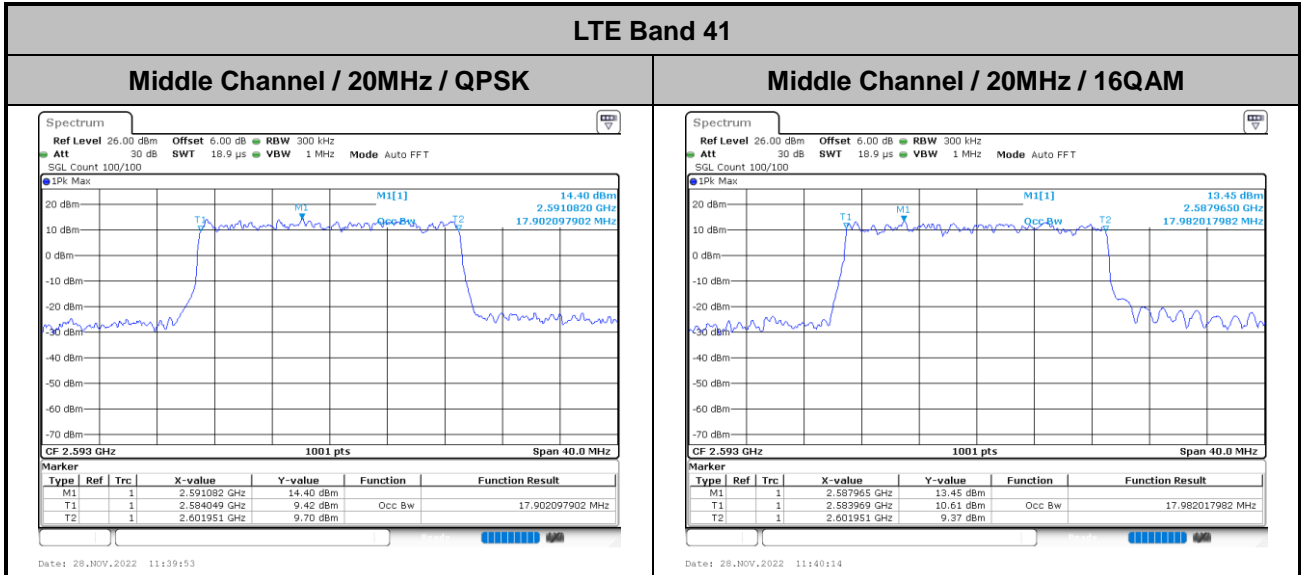
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.94	18.62





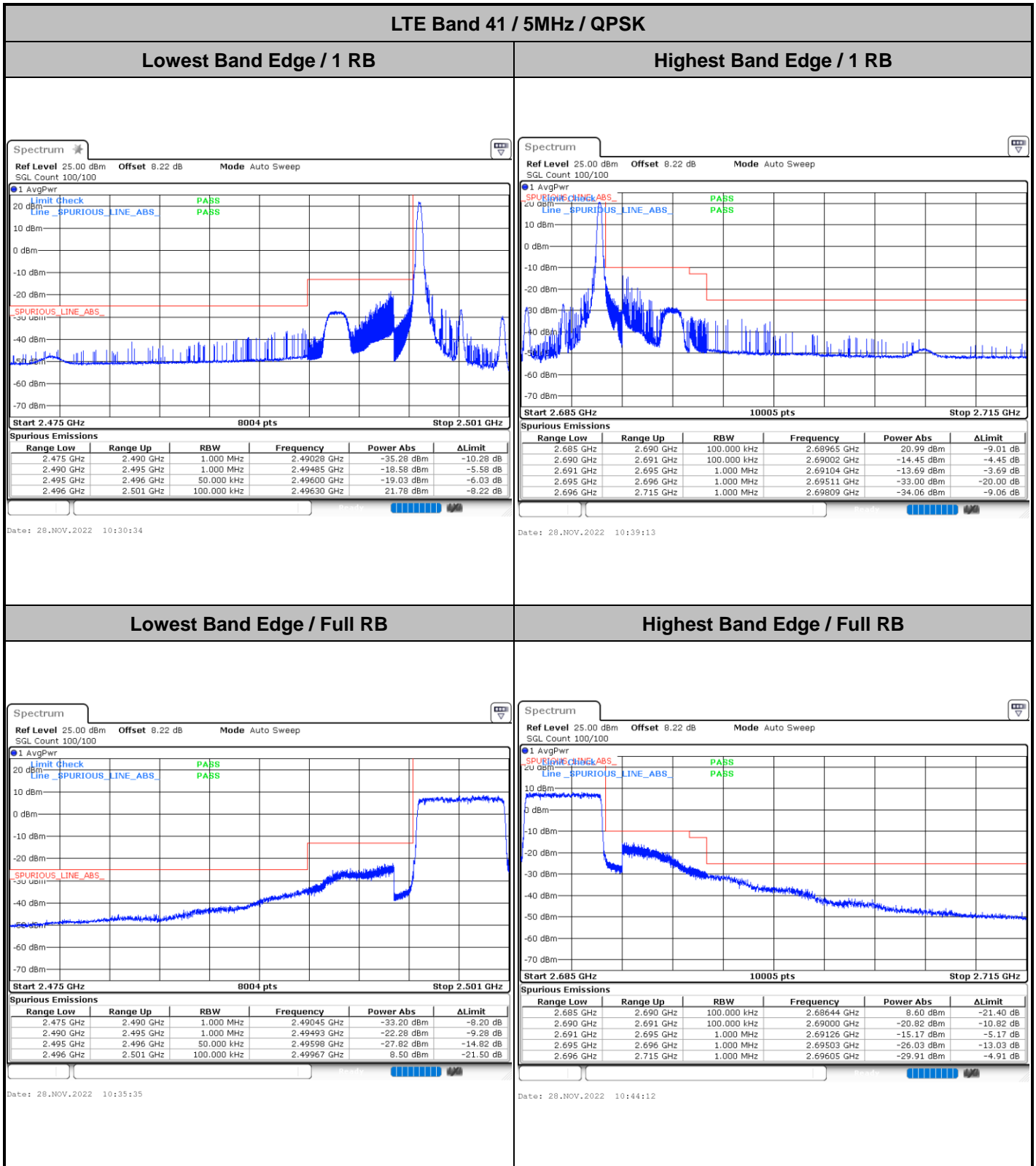
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.98





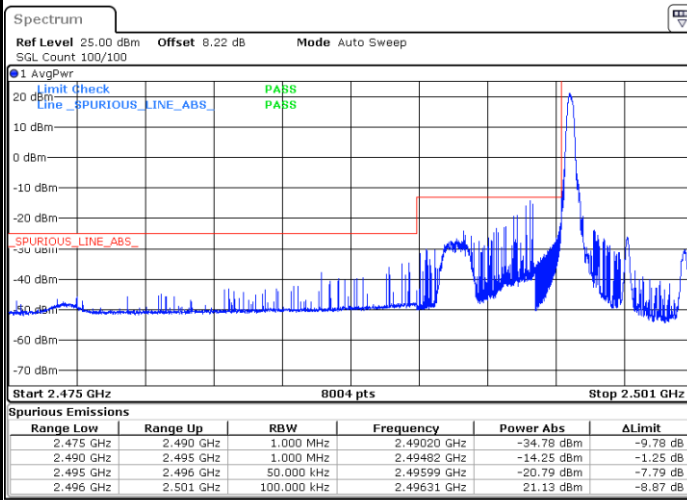
Conducted Band Edge





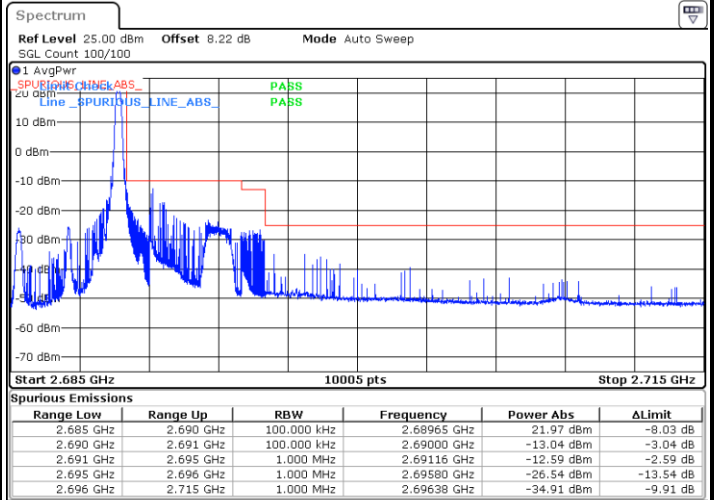
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



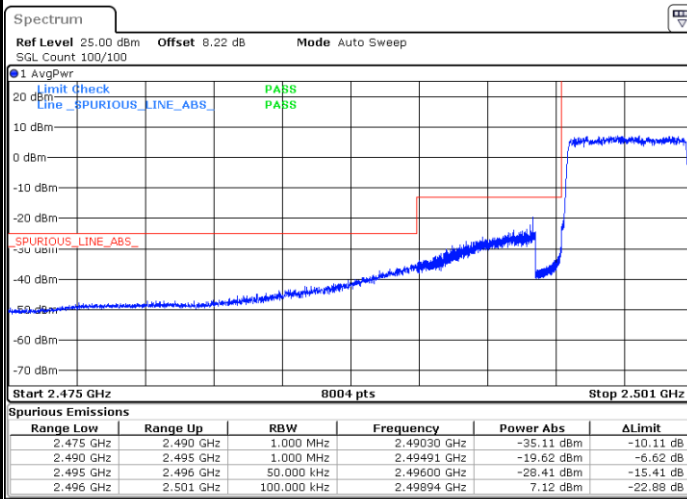
Date: 28.NOV.2022 10:31:35

Highest Band Edge / 1 RB



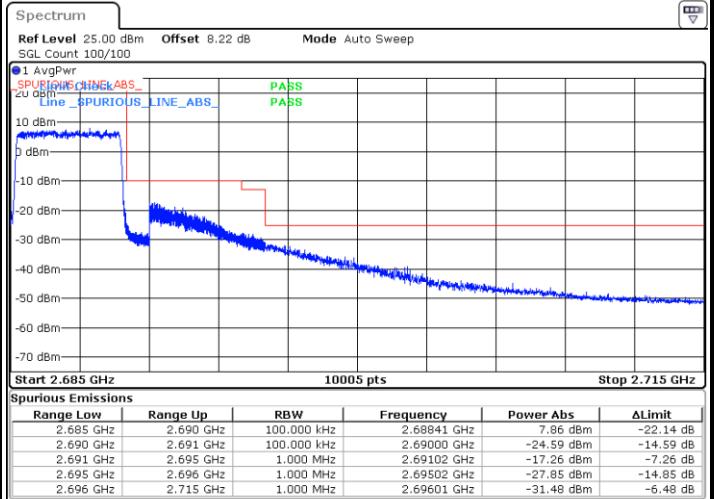
Date: 28.NOV.2022 10:40:13

Lowest Band Edge / Full RB



Date: 28.NOV.2022 10:34:35

Highest Band Edge / Full RB

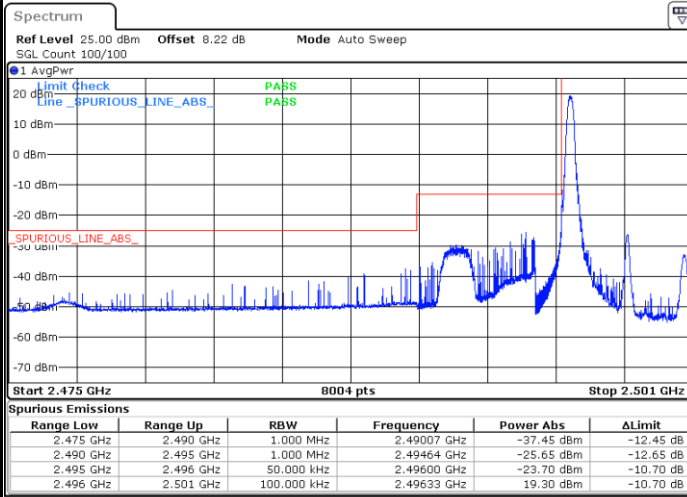


Date: 28.NOV.2022 10:43:12



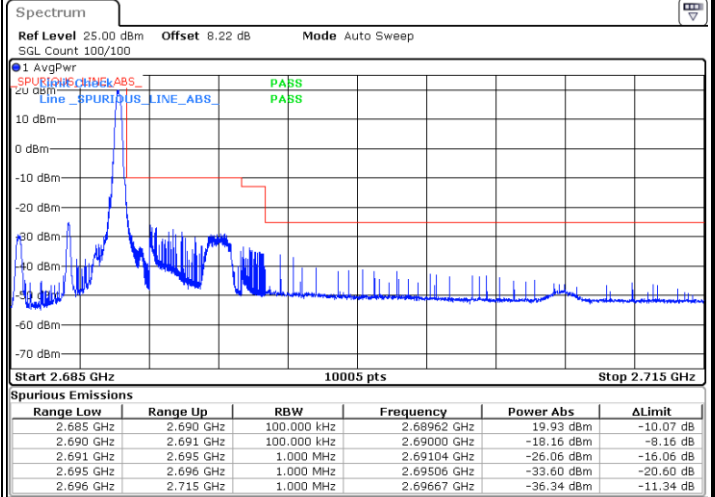
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



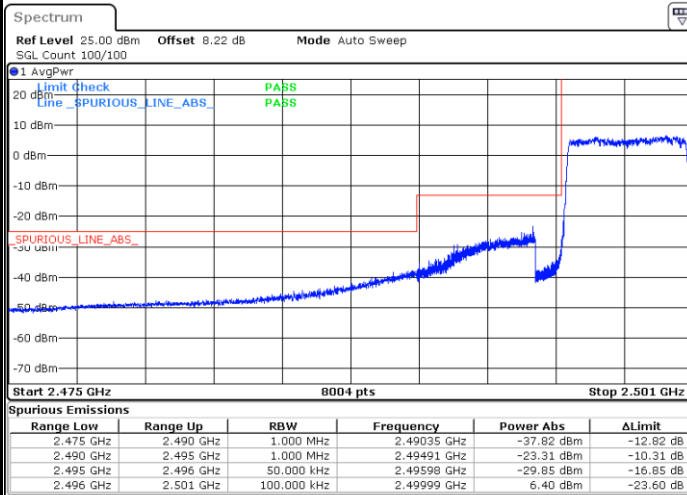
Date: 28.NOV.2022 10:32:34

Highest Band Edge / 1 RB



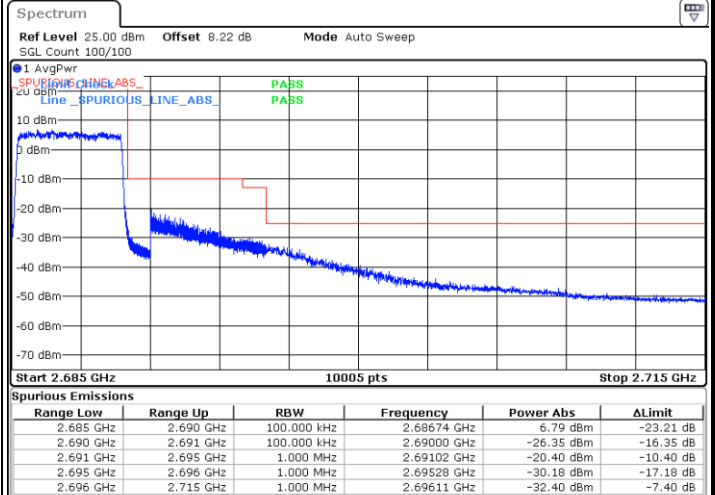
Date: 28.NOV.2022 10:41:13

Lowest Band Edge / Full RB



Date: 28.NOV.2022 10:33:35

Highest Band Edge / Full RB

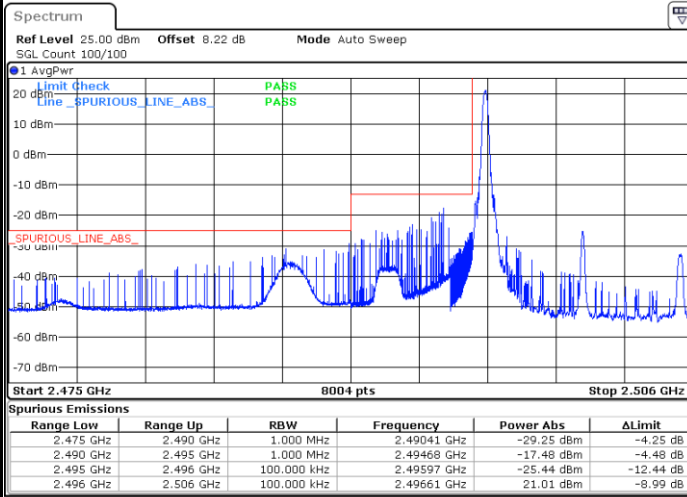


Date: 28.NOV.2022 10:42:12



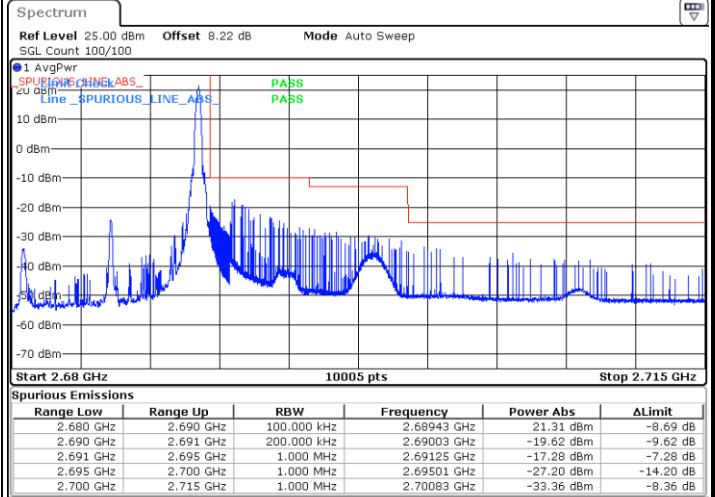
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



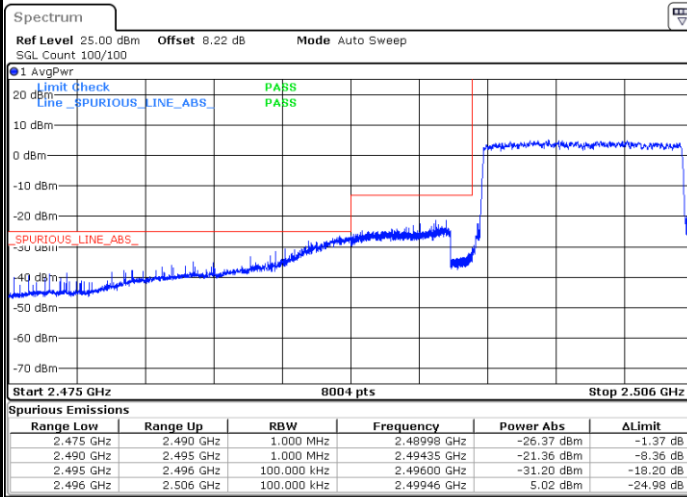
Date: 28.NOV.2022 10:46:33

Highest Band Edge / 1 RB



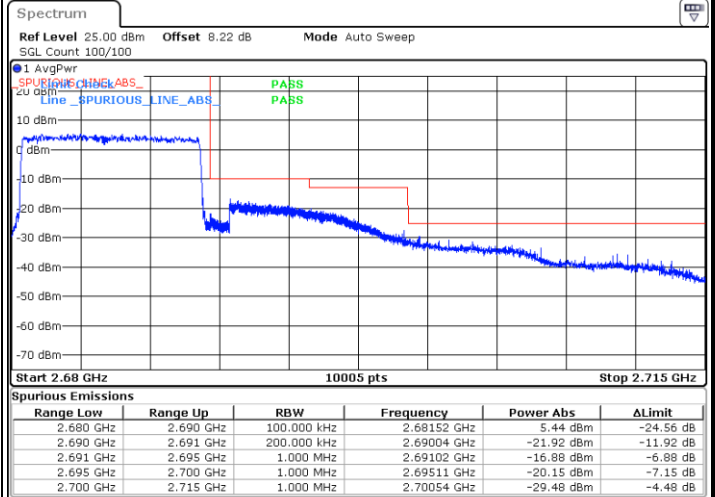
Date: 28.NOV.2022 10:55:14

Lowest Band Edge / Full RB



Date: 28.NOV.2022 10:51:35

Highest Band Edge / Full RB

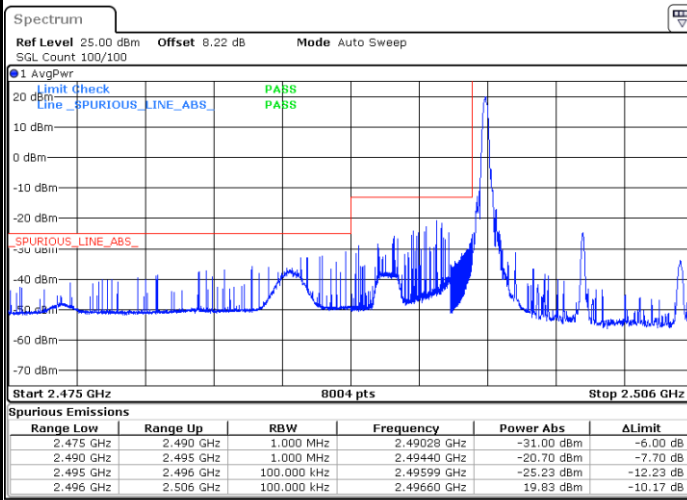


Date: 28.NOV.2022 11:00:13



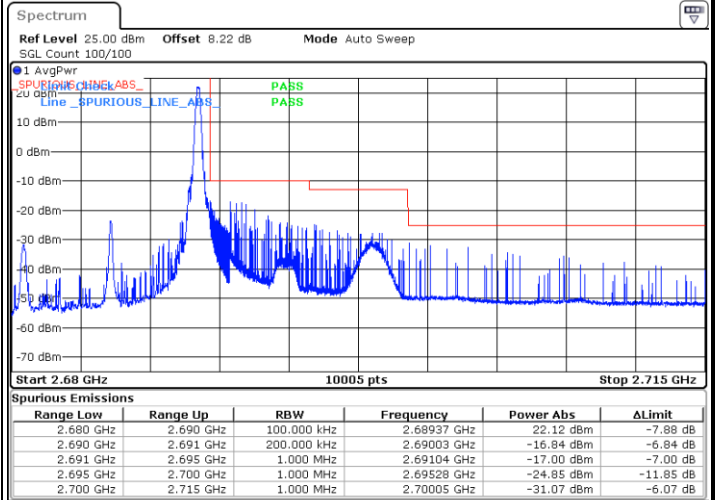
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



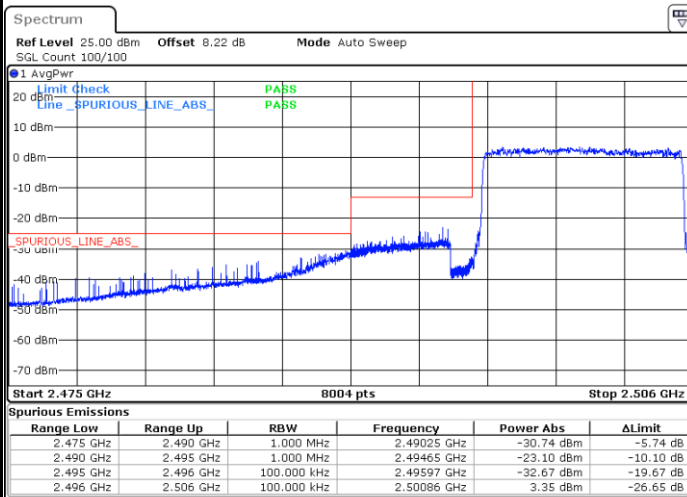
Date: 28.NOV.2022 10:47:33

Highest Band Edge / 1 RB



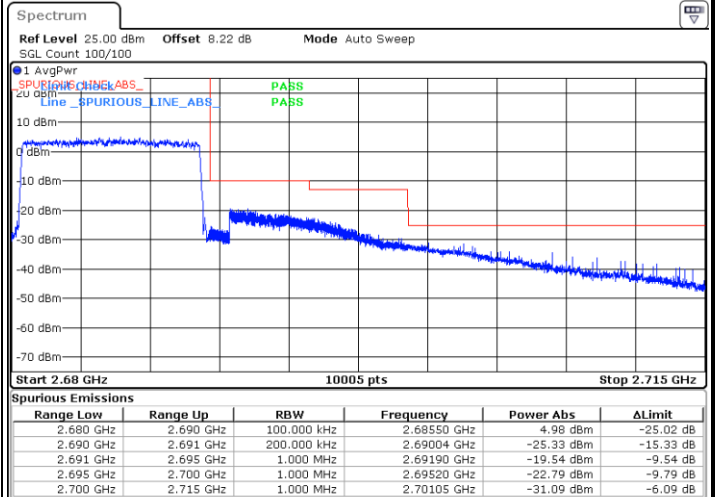
Date: 28.NOV.2022 10:56:14

Lowest Band Edge / Full RB



Date: 28.NOV.2022 10:50:34

Highest Band Edge / Full RB

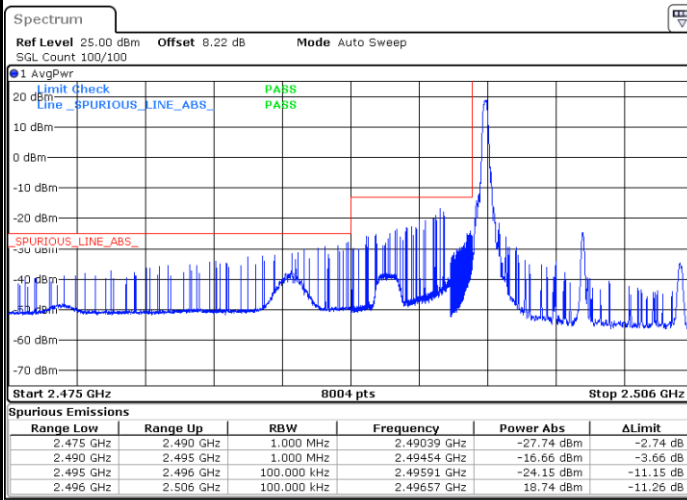


Date: 28.NOV.2022 10:59:14



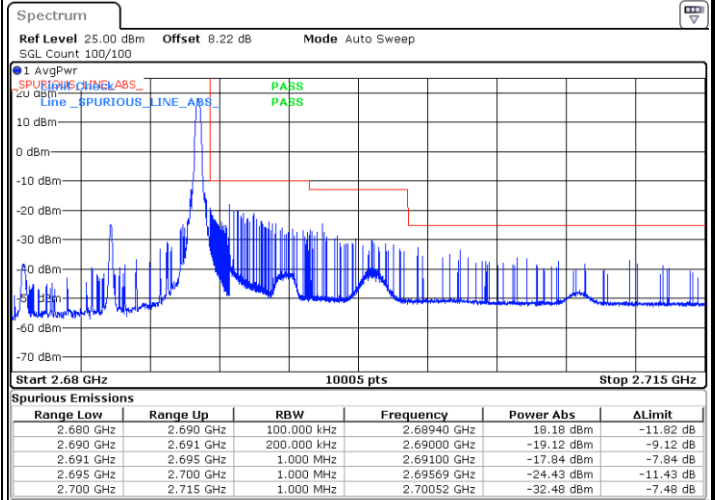
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



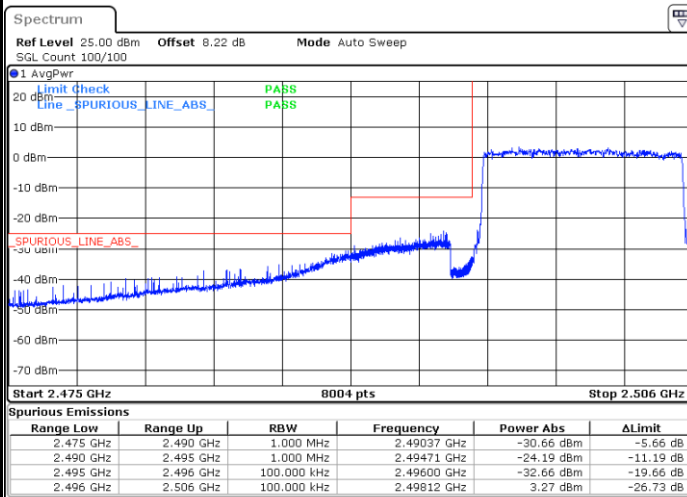
Date: 28.NOV.2022 10:48:34

Highest Band Edge / 1 RB



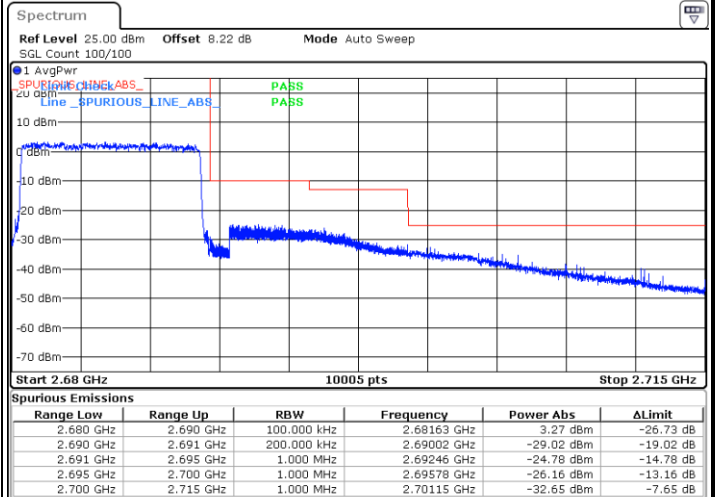
Date: 28.NOV.2022 10:57:14

Lowest Band Edge / Full RB



Date: 28.NOV.2022 10:49:34

Highest Band Edge / Full RB

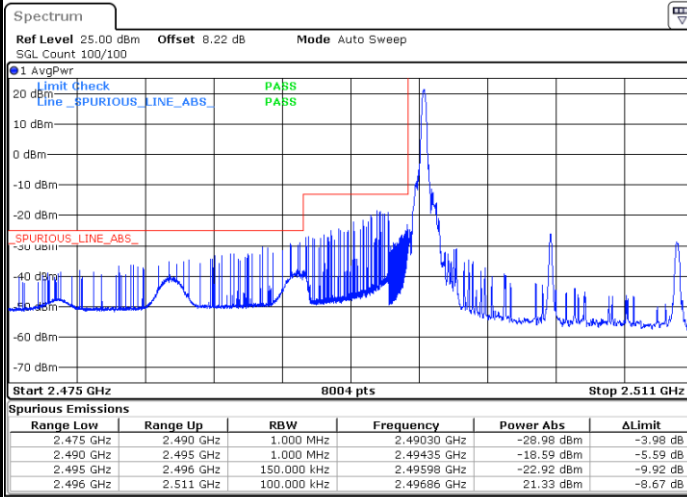


Date: 28.NOV.2022 10:58:14



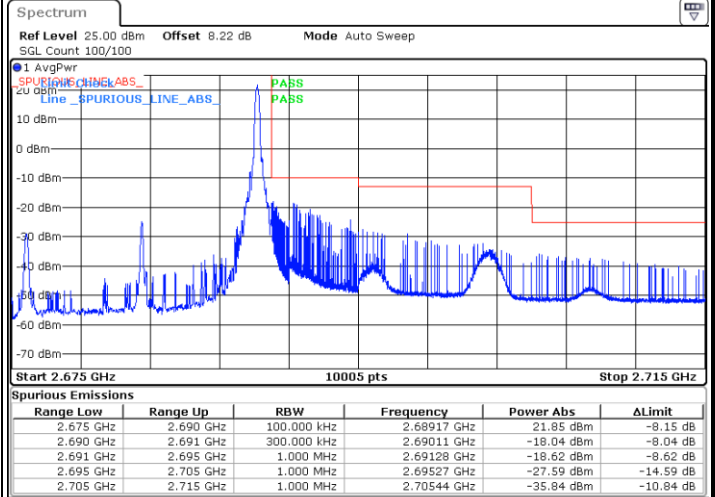
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



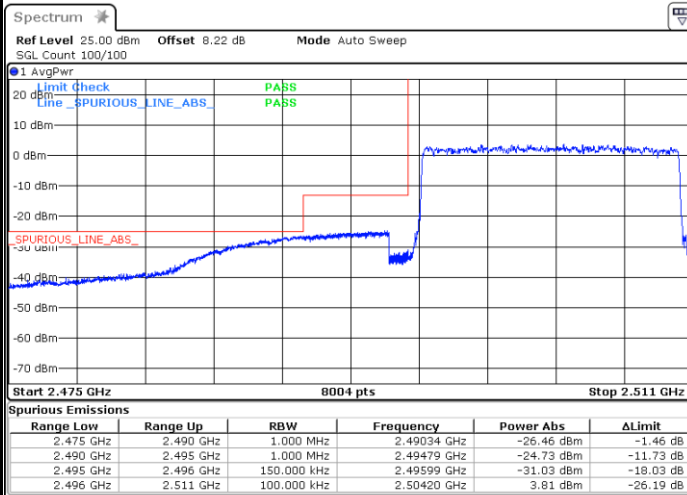
Date: 28.NOV.2022 11:02:35

Highest Band Edge / 1 RB



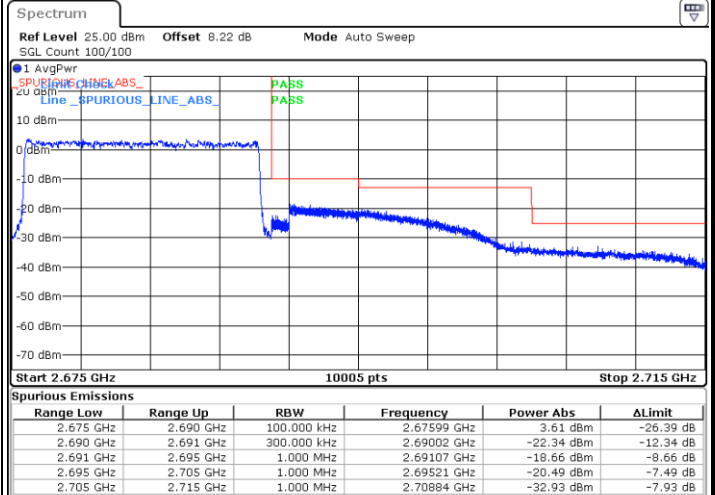
Date: 28.NOV.2022 11:11:16

Lowest Band Edge / Full RB



Date: 28.NOV.2022 11:37:58

Highest Band Edge / Full RB

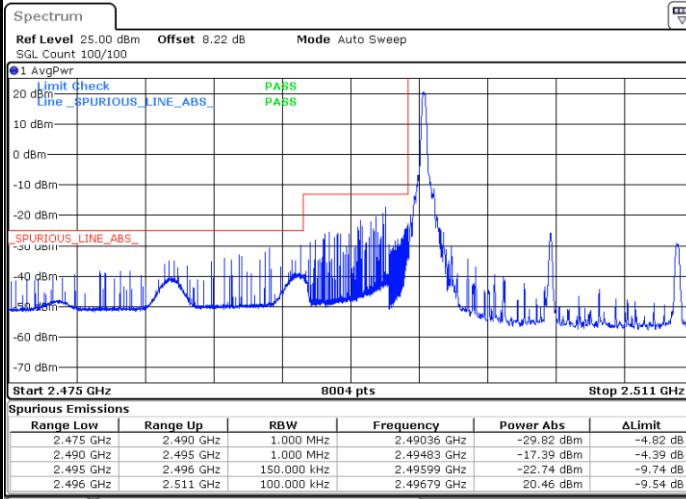


Date: 28.NOV.2022 11:16:15



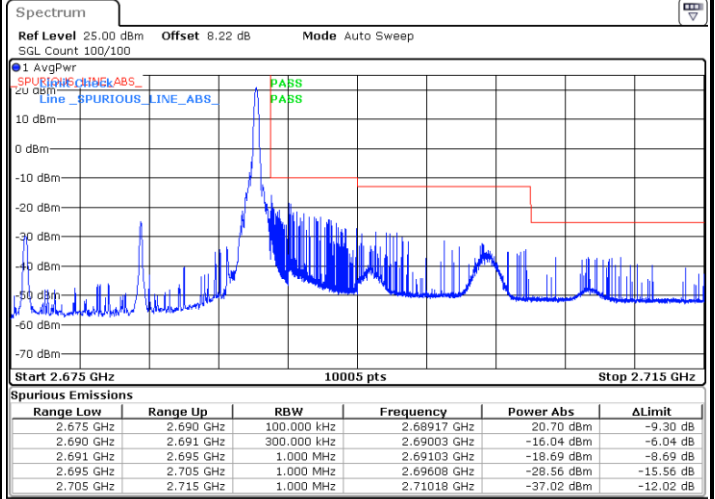
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



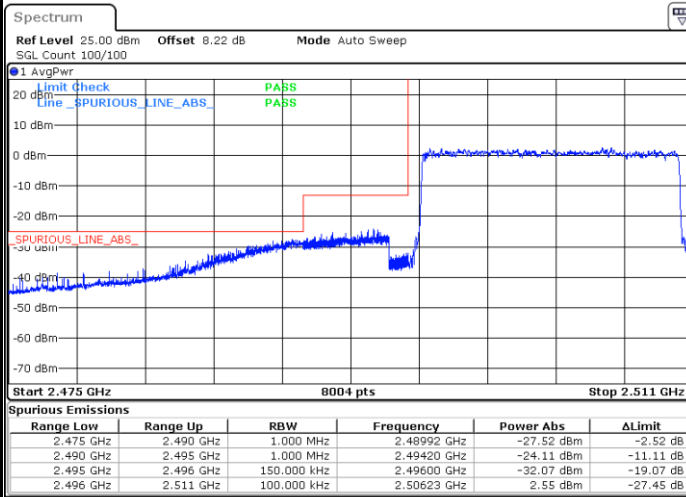
Date: 28.NOV.2022 11:03:35

Highest Band Edge / 1 RB



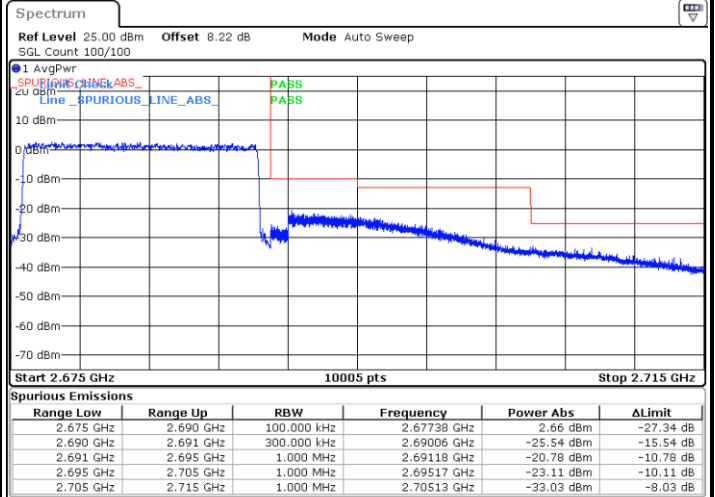
Date: 28.NOV.2022 11:12:16

Lowest Band Edge / Full RB



Date: 28.NOV.2022 11:06:36

Highest Band Edge / Full RB

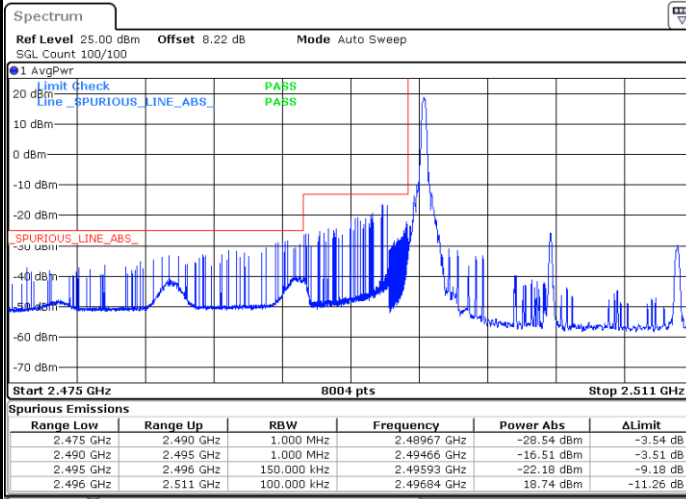


Date: 28.NOV.2022 11:15:15



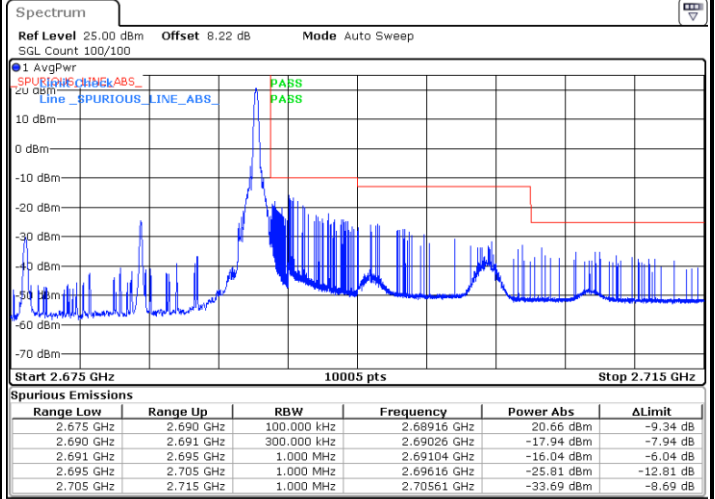
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



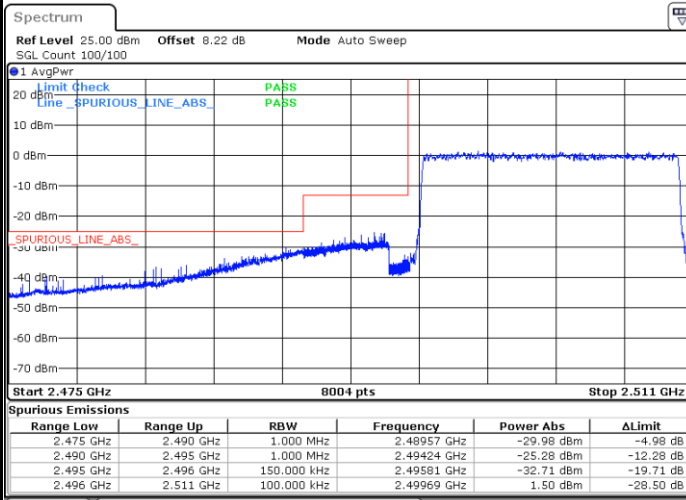
Date: 28.NOV.2022 11:04:36

Highest Band Edge / 1 RB



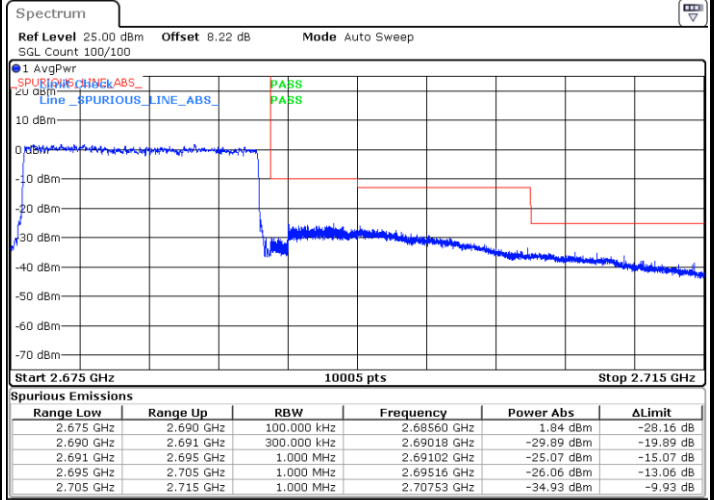
Date: 28.NOV.2022 11:13:15

Lowest Band Edge / Full RB



Date: 28.NOV.2022 11:05:36

Highest Band Edge / Full RB



Date: 28.NOV.2022 11:14:16