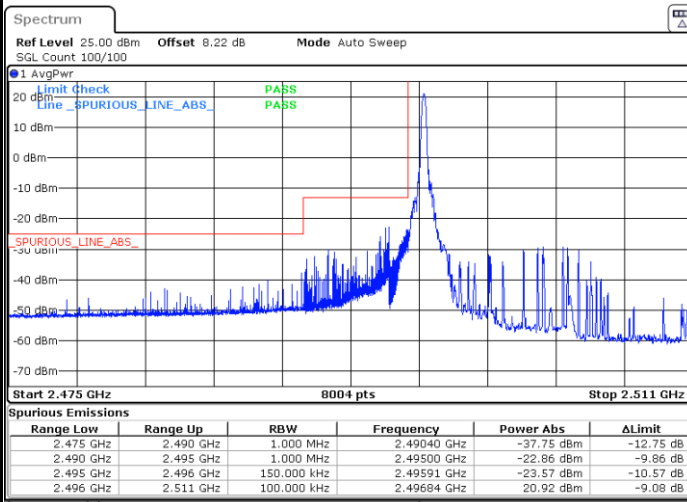




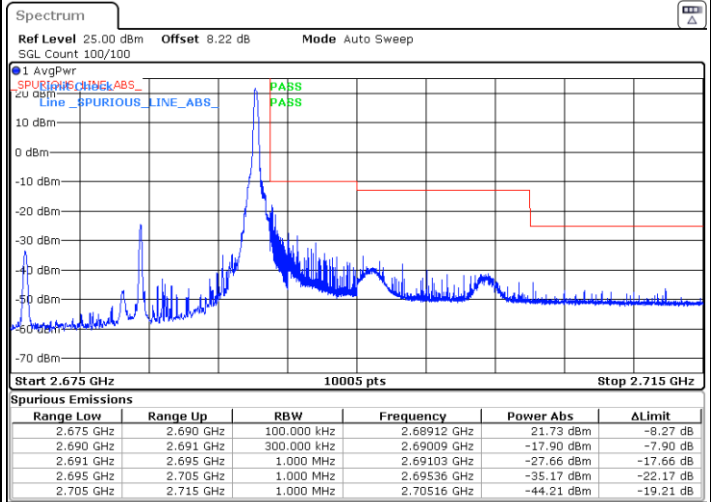
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



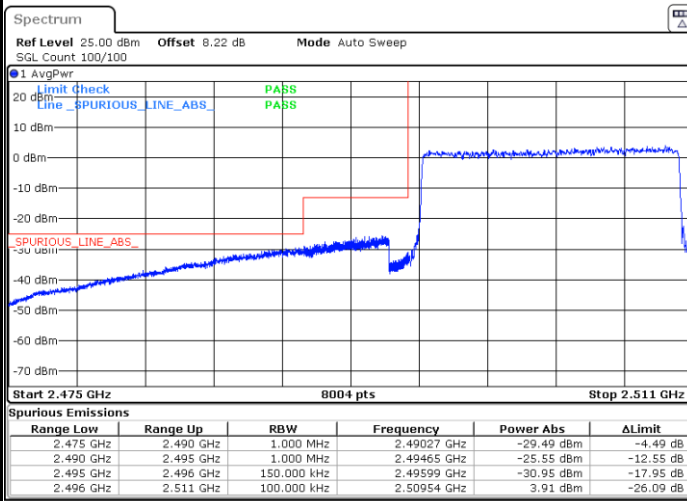
Date: 19 SEP 2022 14:43:27

Highest Band Edge / 1 RB



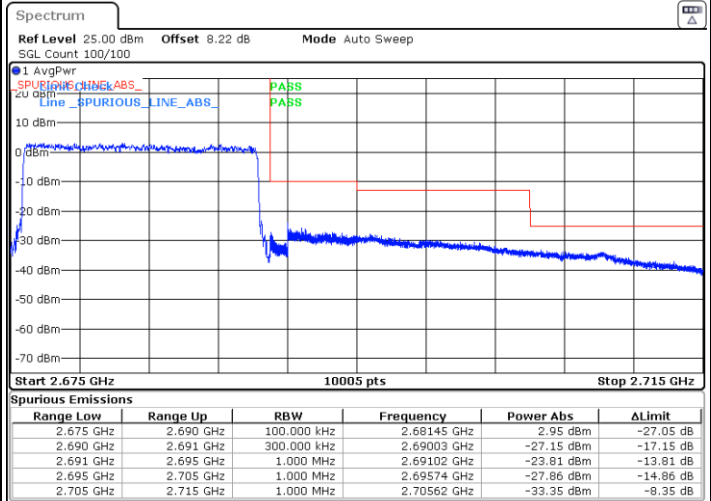
Date: 19 SEP 2022 14:56:57

Lowest Band Edge / Full RB



Date: 19 SEP 2022 14:48:54

Highest Band Edge / Full RB

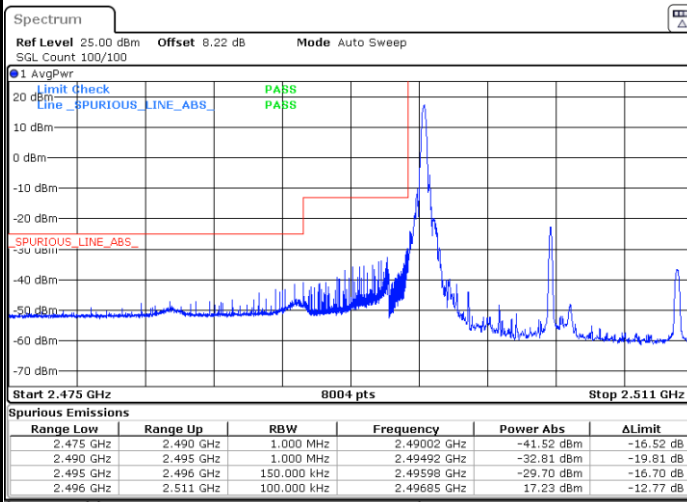


Date: 19 SEP 2022 15:02:25



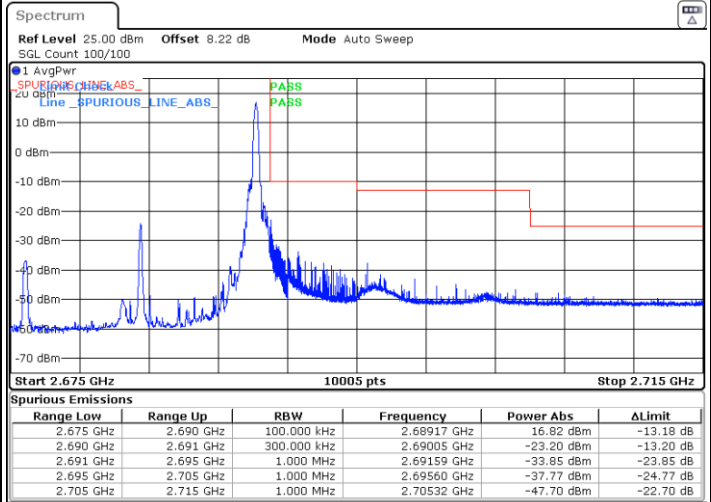
LTE Band 41 / 15MHz /256QAM

Lowest Band Edge / 1 RB



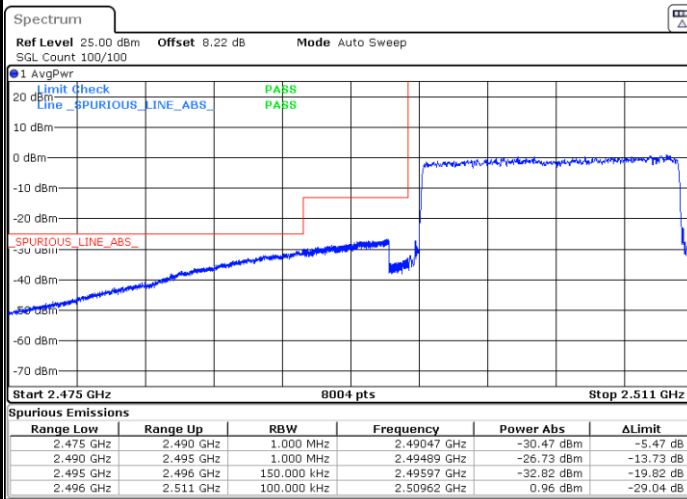
Date: 19.SEP.2022 14:44:48

Highest Band Edge / 1 RB



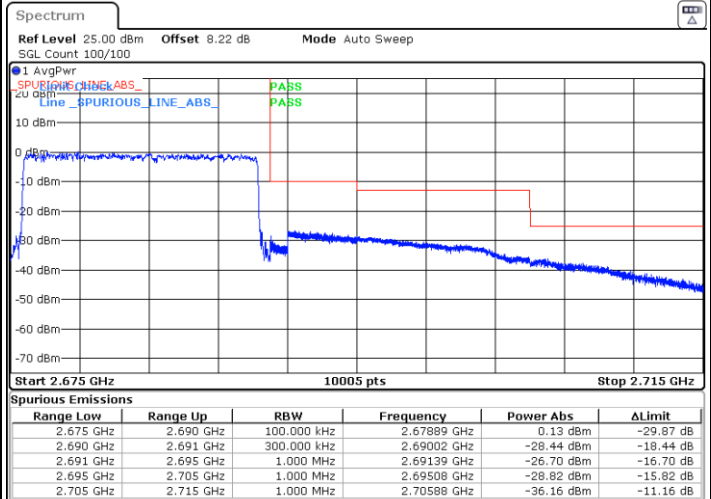
Date: 19.SEP.2022 14:58:18

Lowest Band Edge / Full RB



Date: 19.SEP.2022 14:50:15

Highest Band Edge / Full RB

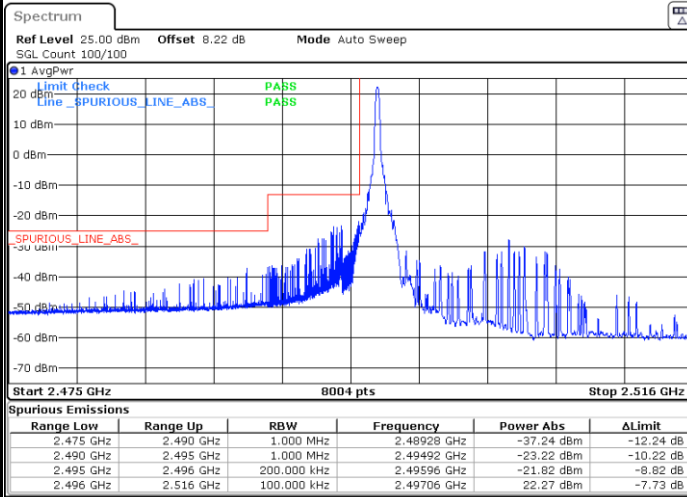


Date: 19.SEP.2022 15:03:45



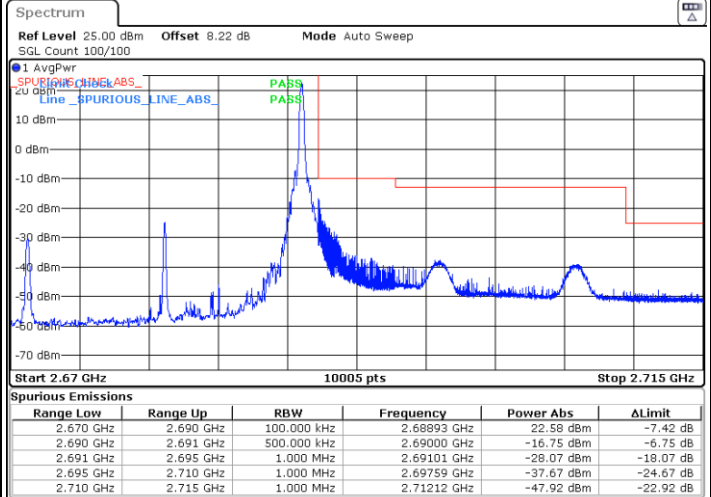
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



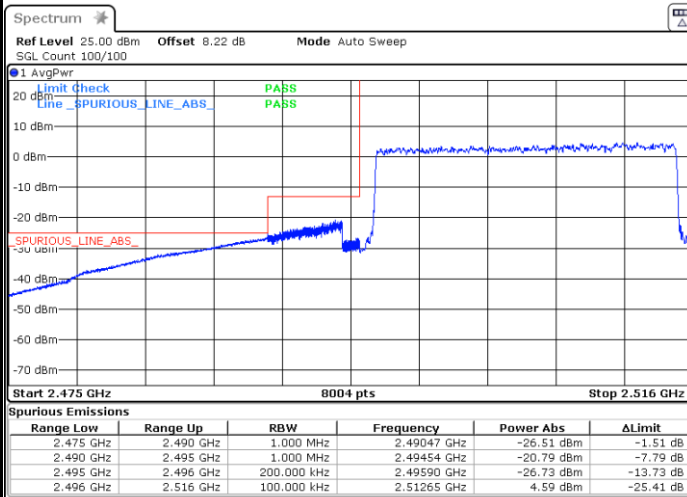
Date: 19.SEP.2022 15:07:21

Highest Band Edge / 1 RB



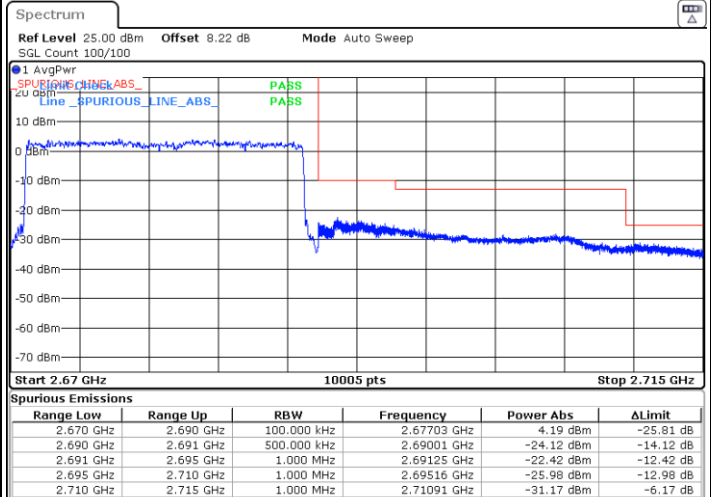
Date: 19.SEP.2022 15:22:41

Lowest Band Edge / Full RB



Date: 19.SEP.2022 15:41:35

Highest Band Edge / Full RB

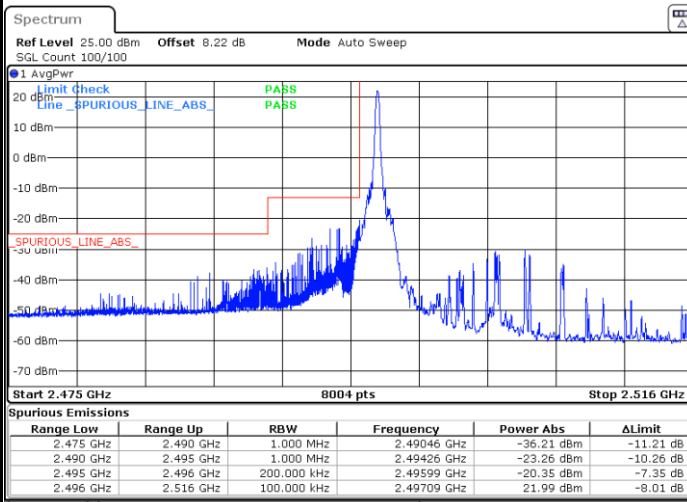


Date: 19.SEP.2022 15:28:06



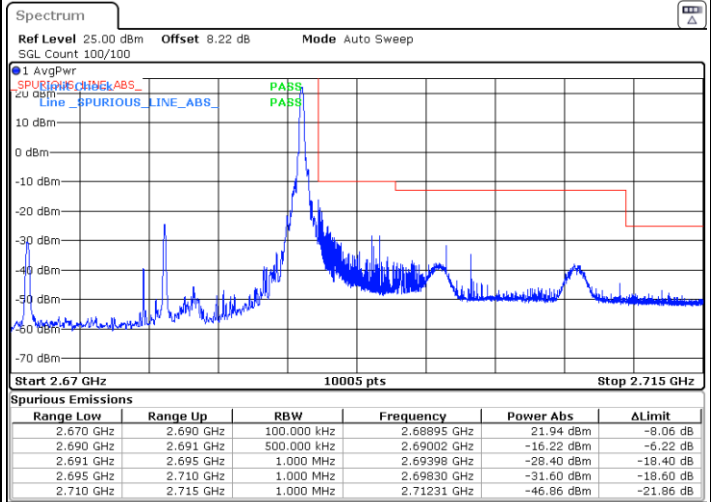
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



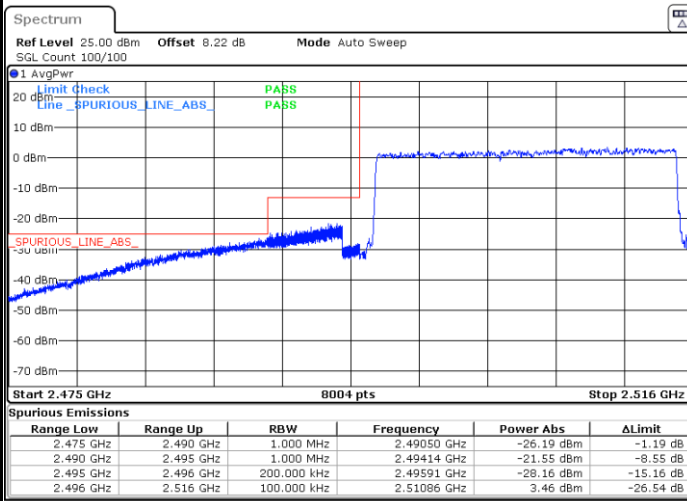
Date: 19.SEP.2022 15:08:42

Highest Band Edge / 1 RB



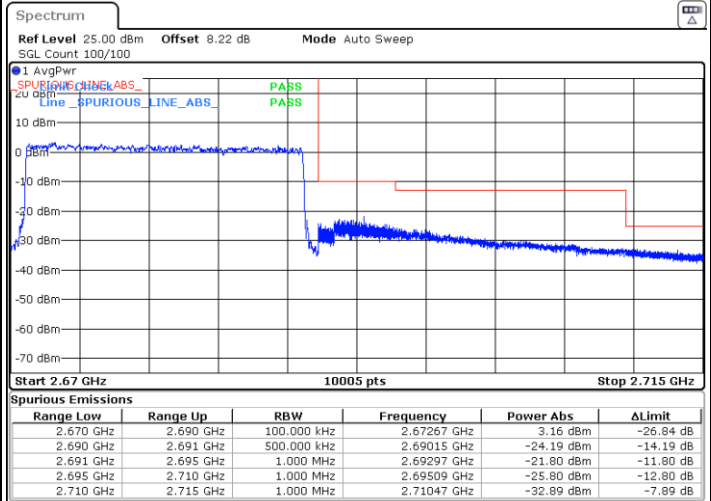
Date: 19.SEP.2022 15:24:01

Lowest Band Edge / Full RB



Date: 19.SEP.2022 15:14:05

Highest Band Edge / Full RB

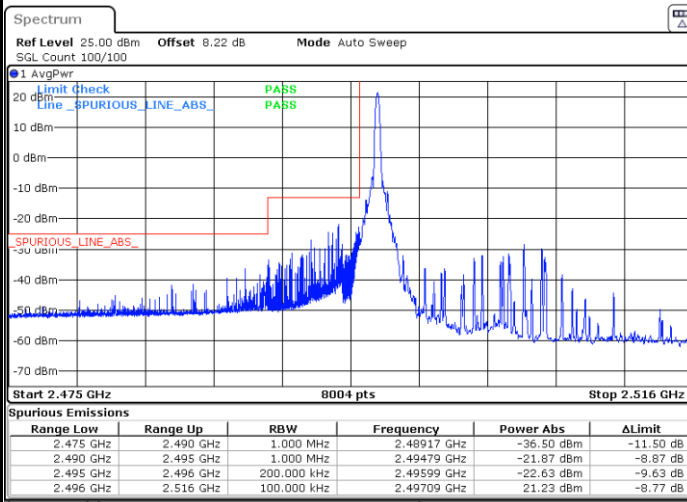


Date: 19.SEP.2022 15:29:27



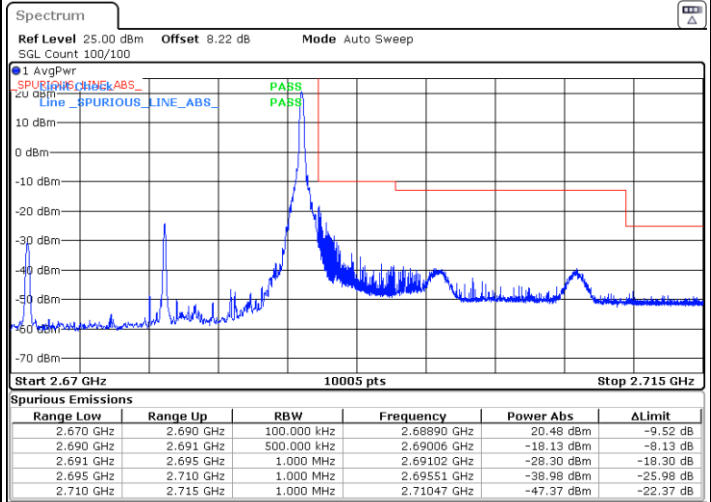
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



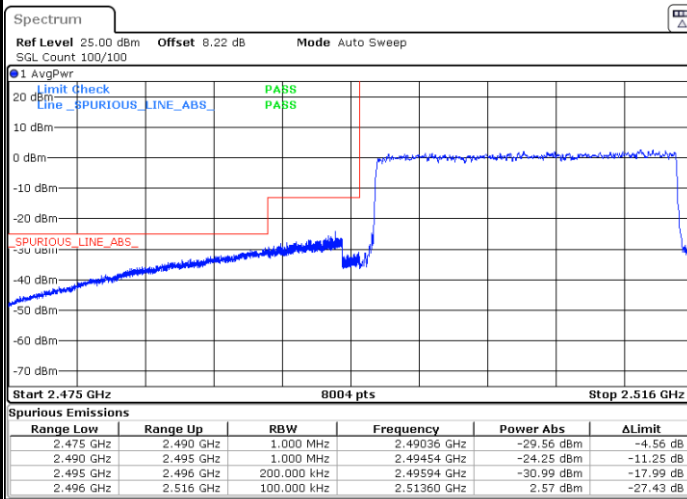
Date: 19 SEP 2022 15:10:03

Highest Band Edge / 1 RB



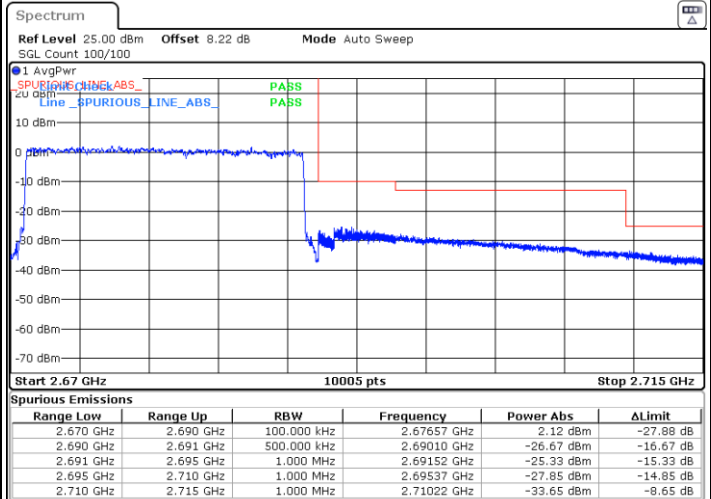
Date: 19 SEP 2022 15:25:22

Lowest Band Edge / Full RB



Date: 19 SEP 2022 15:15:26

Highest Band Edge / Full RB

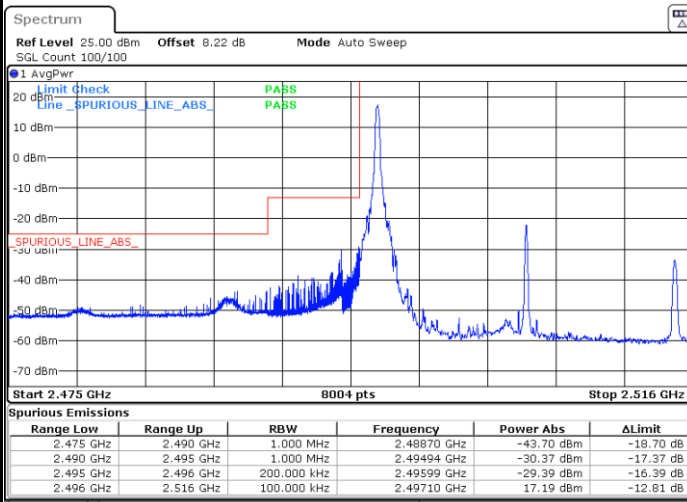


Date: 19 SEP 2022 15:30:47



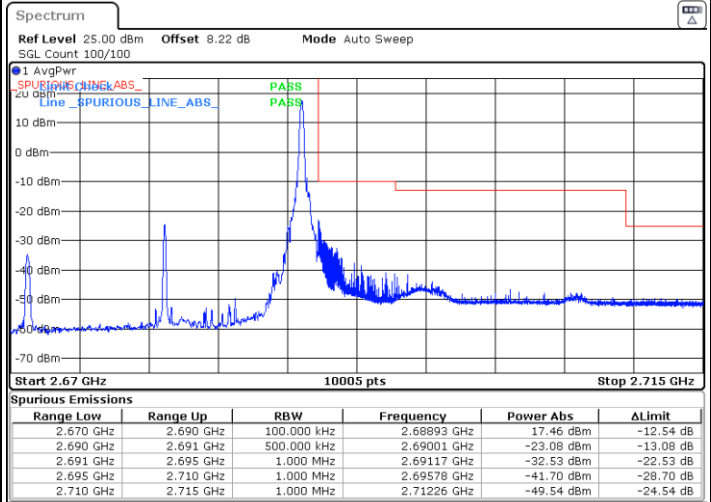
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



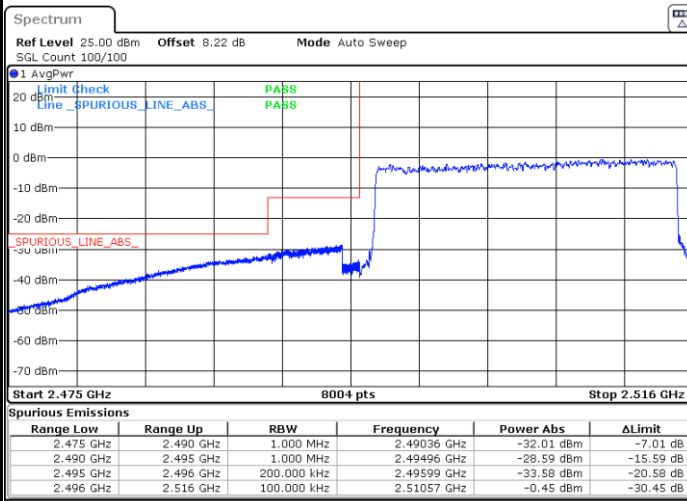
Date: 19.SEP.2022 15:11:24

Highest Band Edge / 1 RB



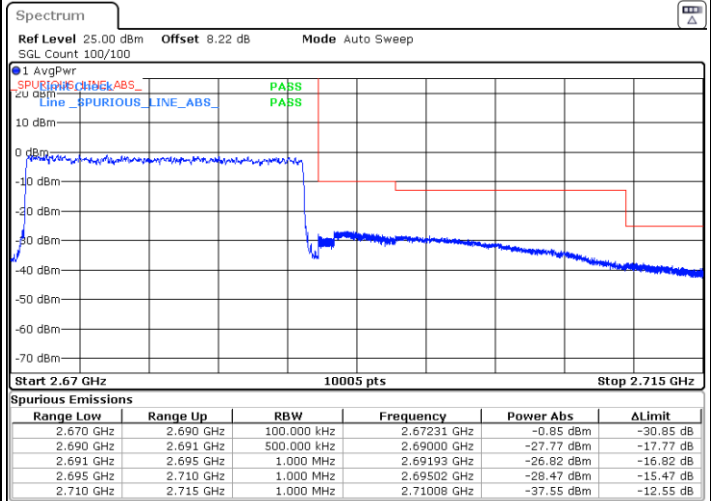
Date: 19.SEP.2022 15:26:42

Lowest Band Edge / Full RB



Date: 19.SEP.2022 15:16:47

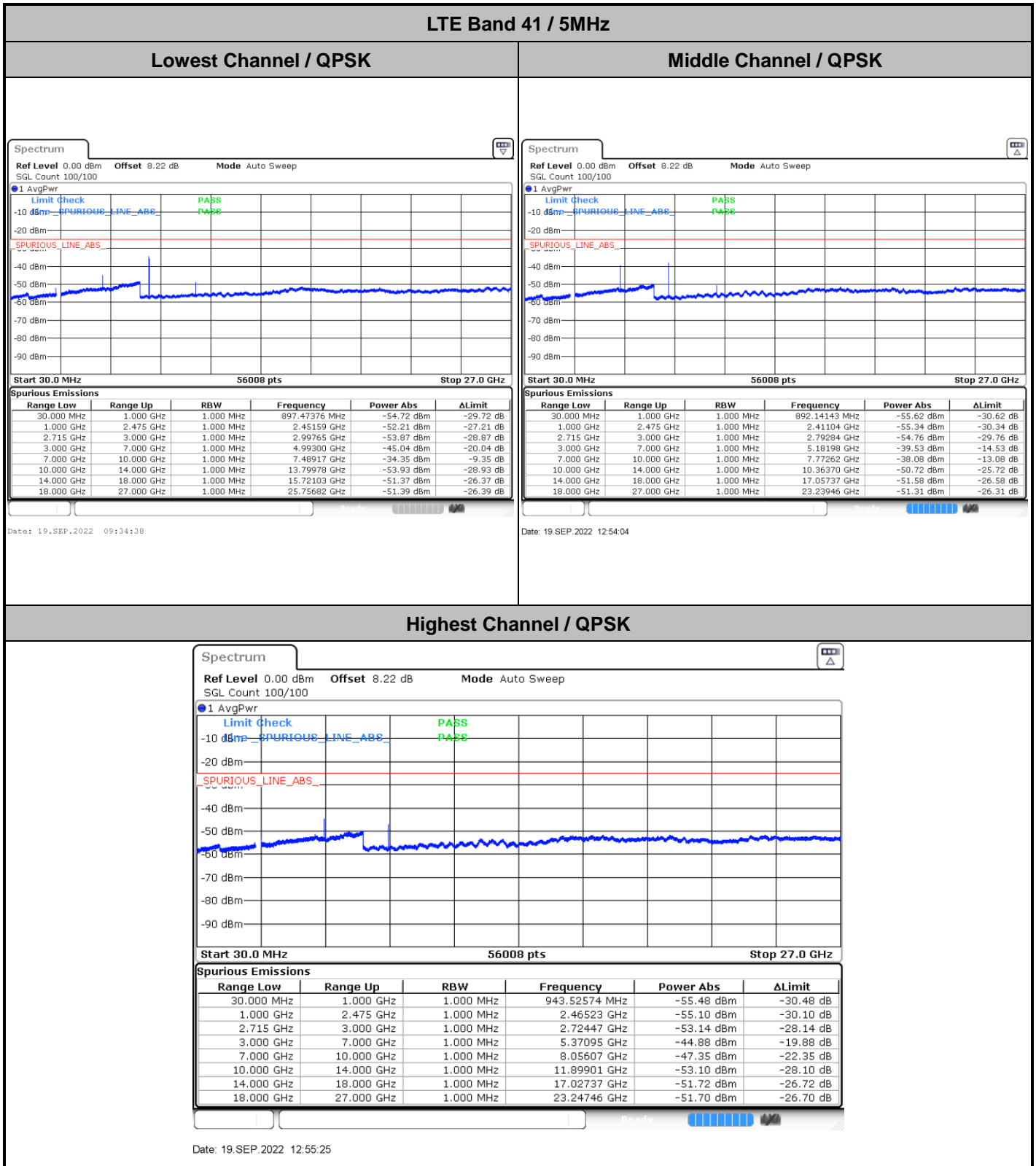
Highest Band Edge / Full RB



Date: 19.SEP.2022 15:32:08



Conducted Spurious Emission

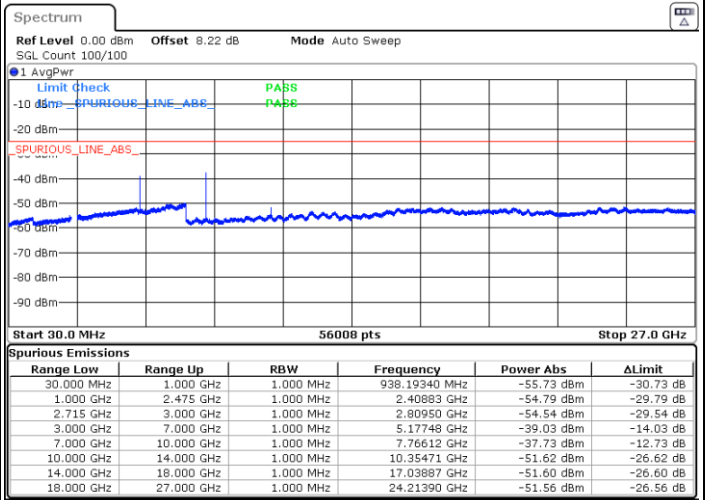
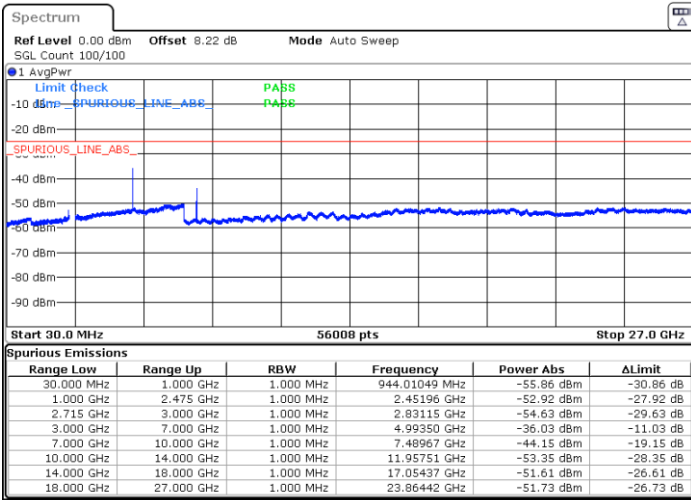




LTE Band 41 / 10MHz

Lowest Channel / QPSK

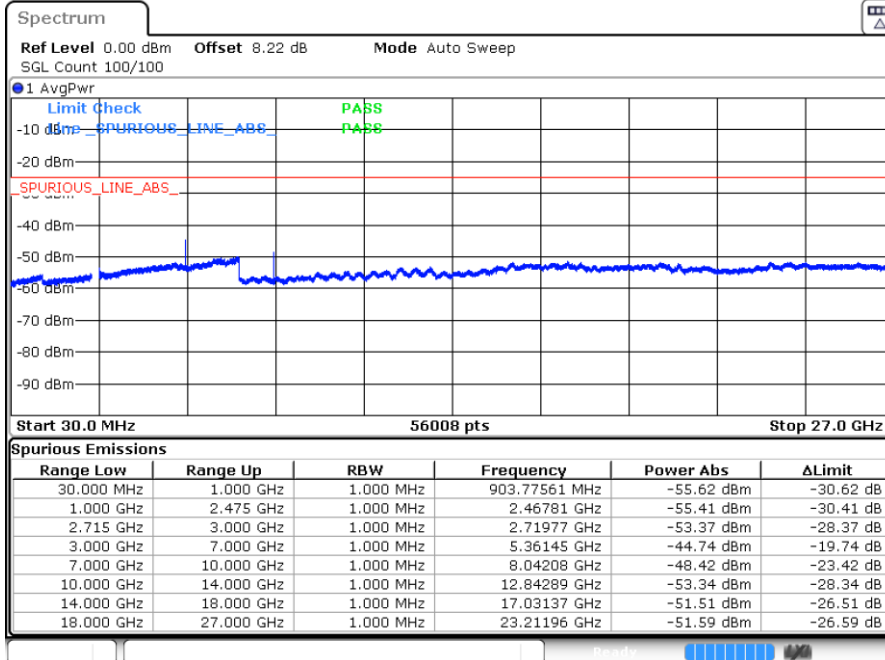
Middle Channel / QPSK



Date: 19.SEP.2022 14:02:11

Date: 19.SEP.2022 14:14:22

Highest Channel / QPSK

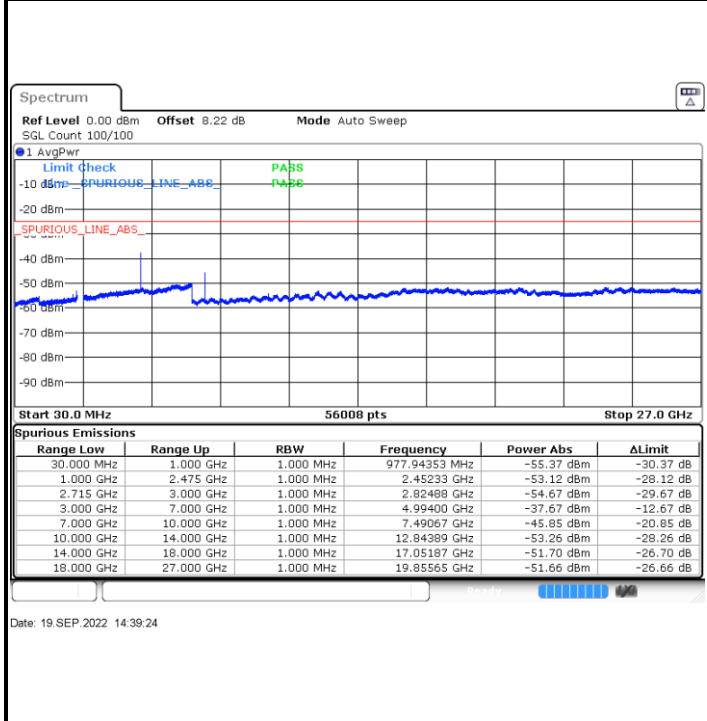


Date: 19.SEP.2022 14:15:43

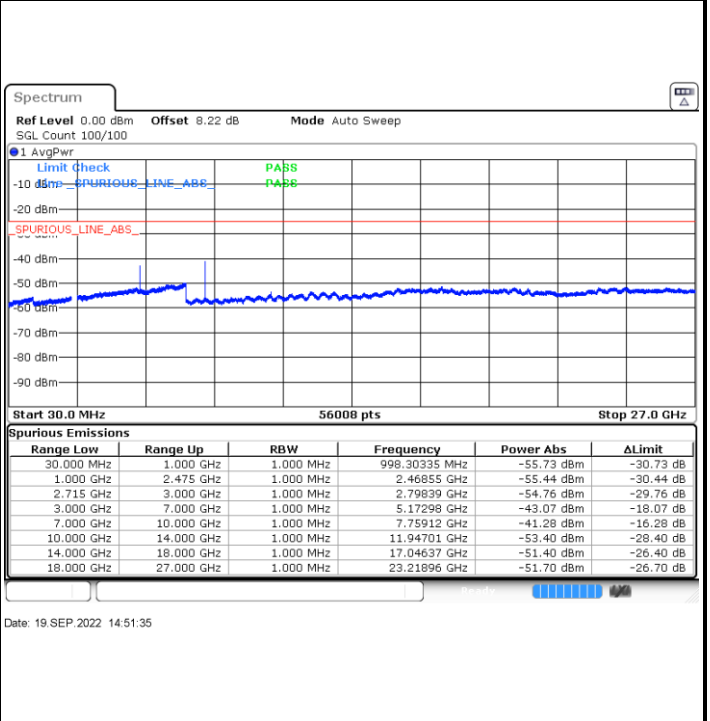


LTE Band 41 / 15MHz

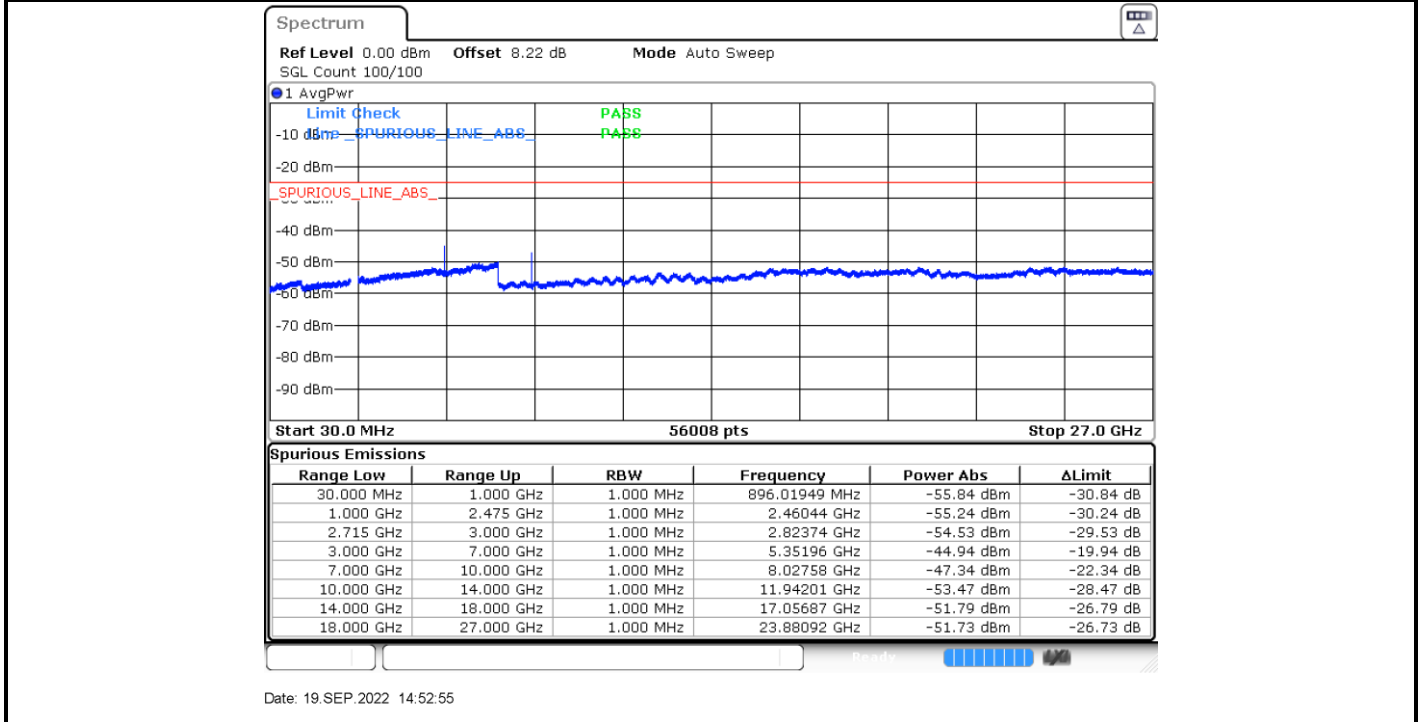
Lowest Channel / QPSK



Middle Channel / QPSK



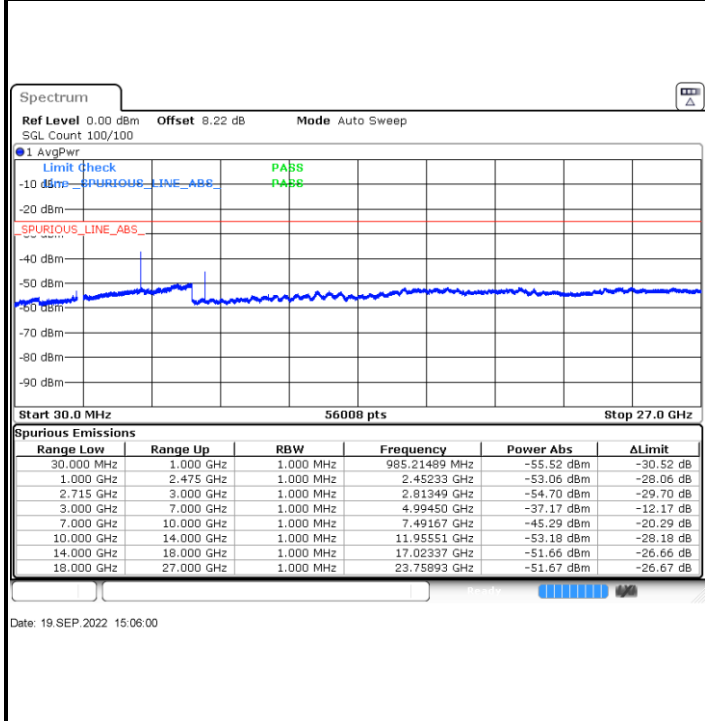
Highest Channel / QPSK



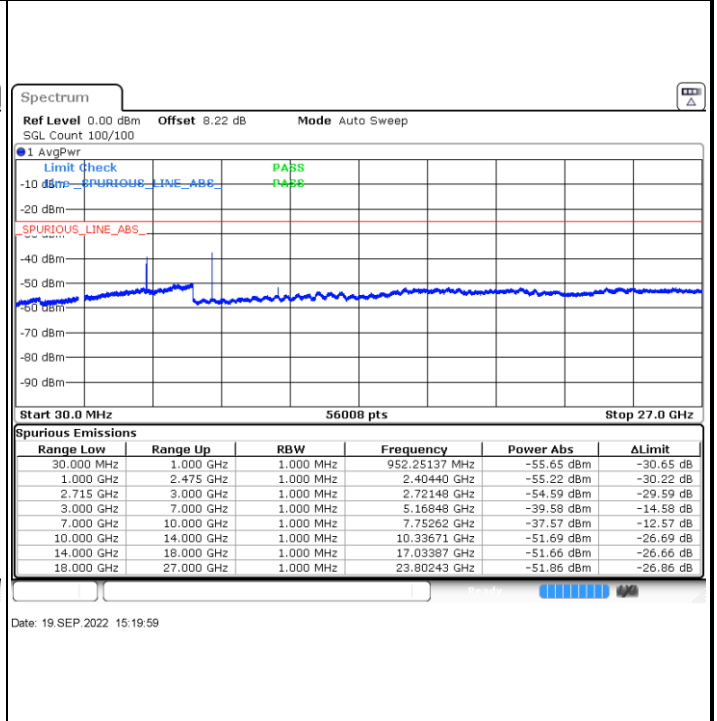


LTE Band 41 / 20MHz

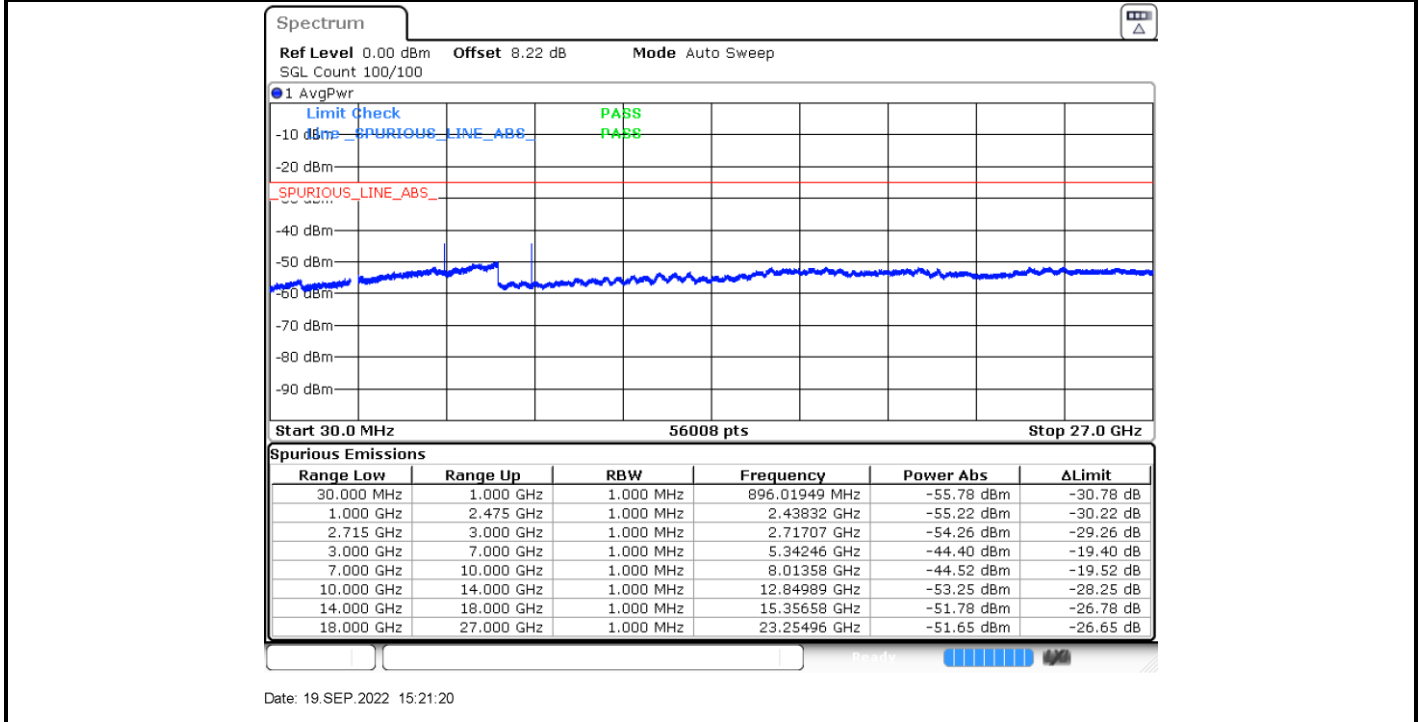
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0011	

Note:

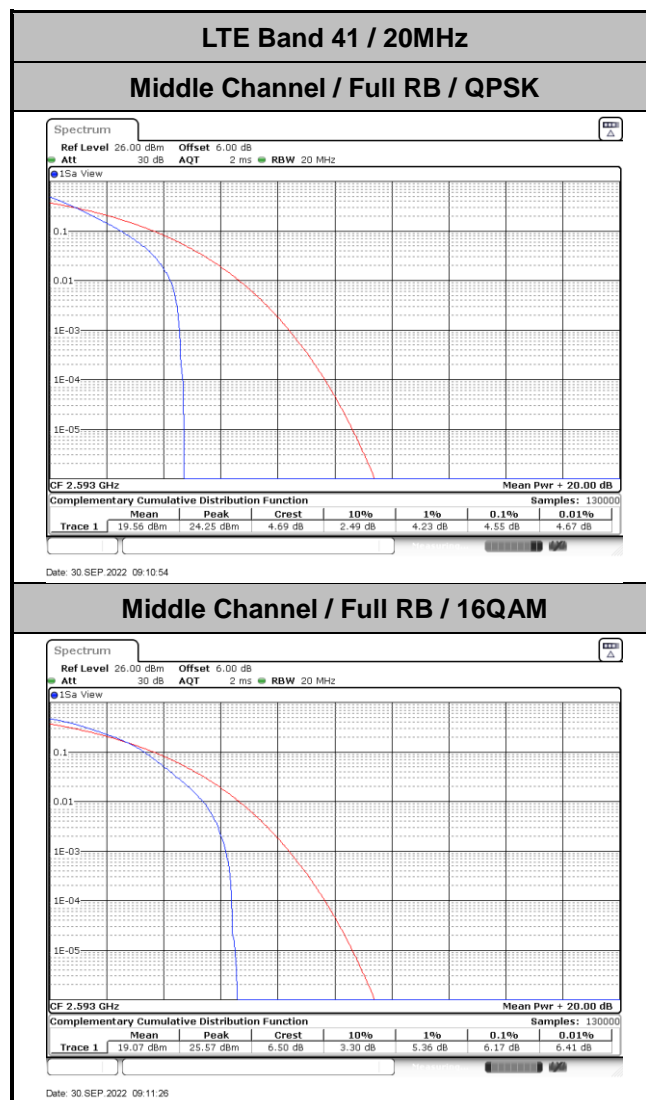
1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.27 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

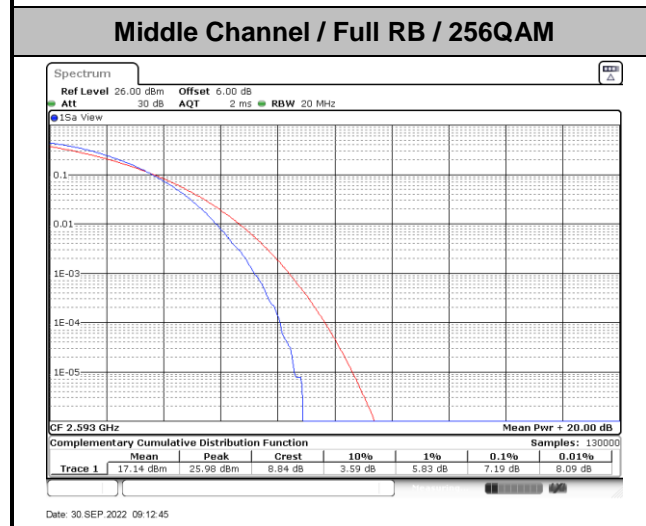
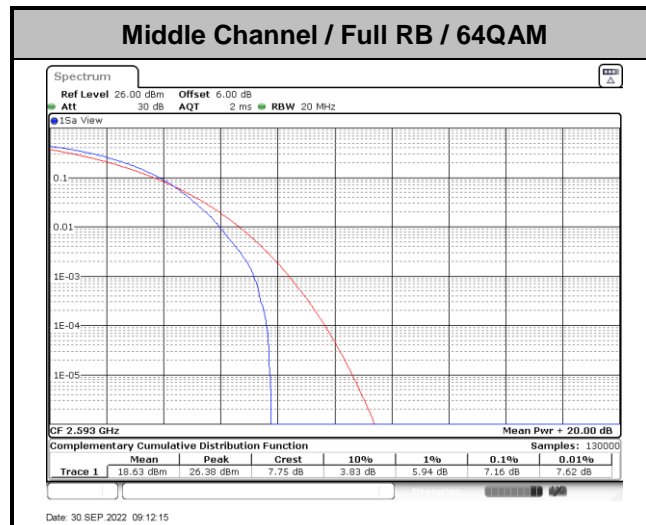


LTE Band 41 (PA2 EN-DC 41A-n78A)

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.55	6.17	7.16	7.19	PASS

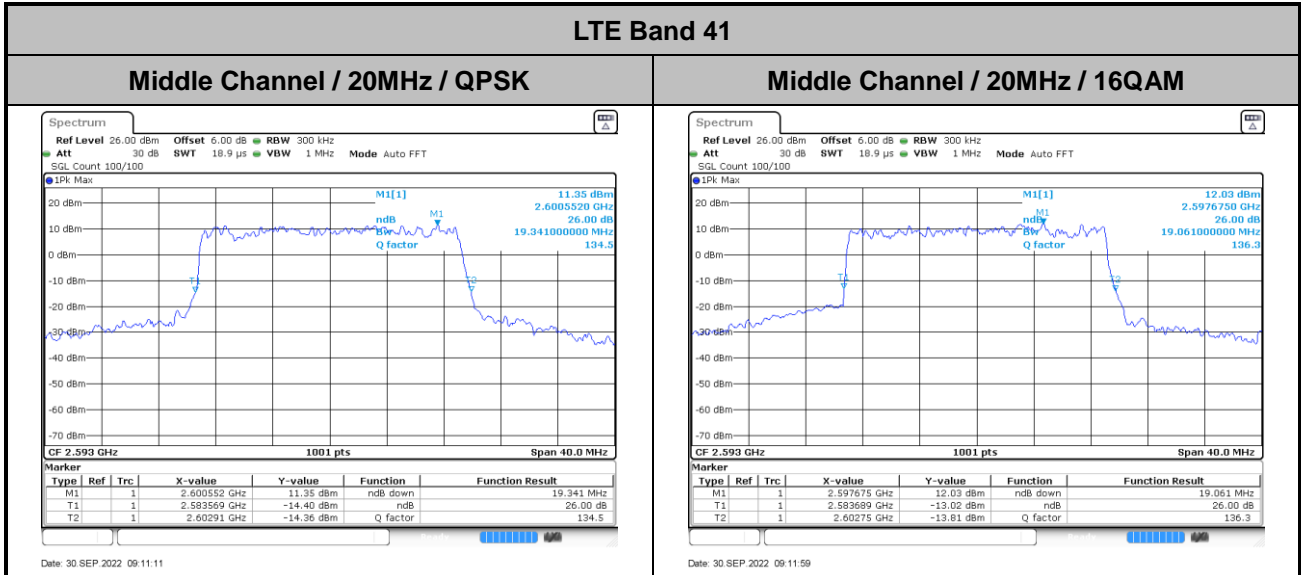






26dB Bandwidth

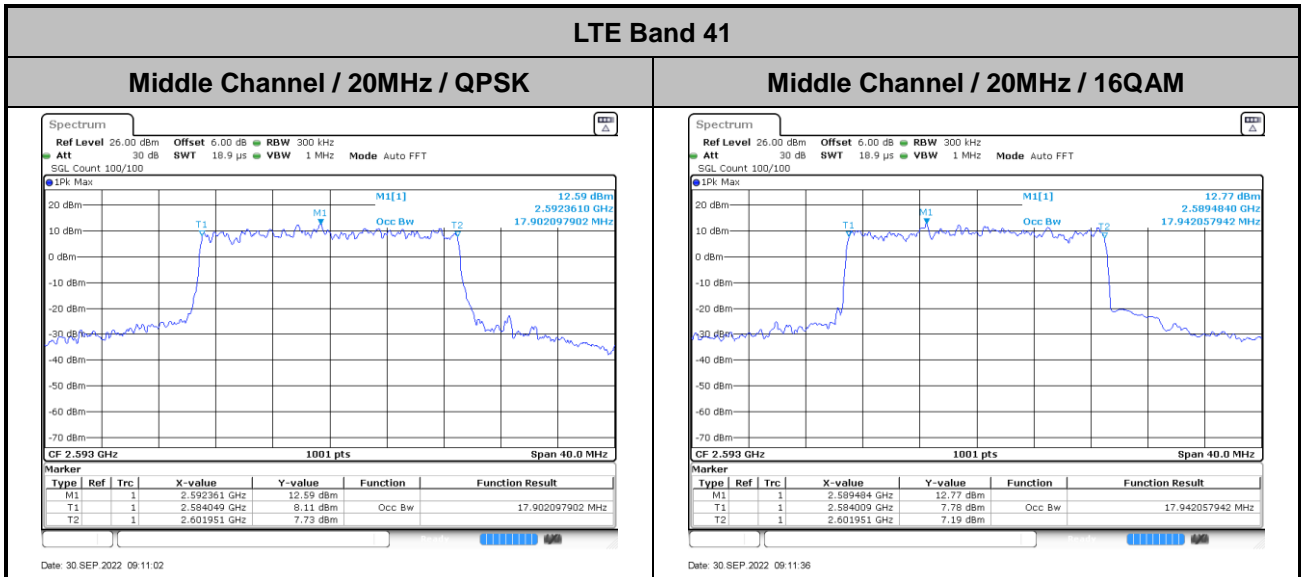
Mode	LTE Band 41 : 26dB BW(MHz)		
BW	20MHz		
Mod.	QPSK	16QAM	
Middle CH	19.34	19.06	





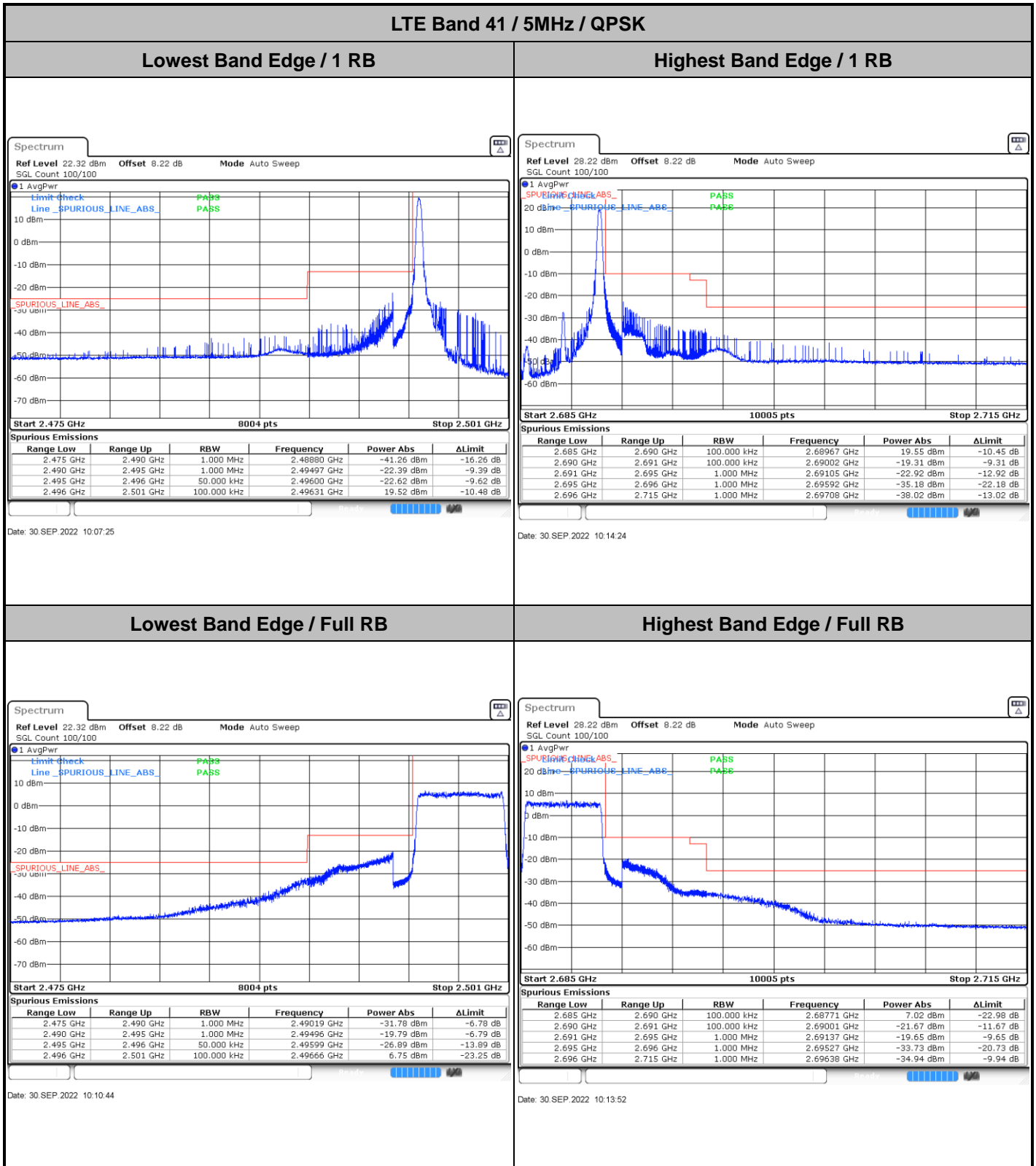
Occupied Bandwidth

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





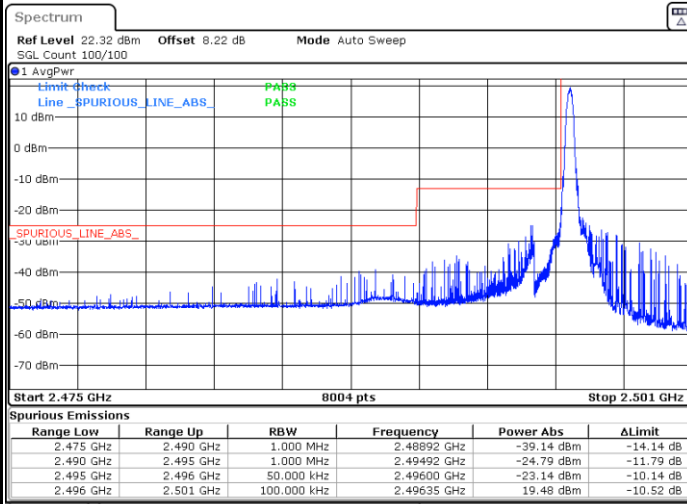
Conducted Band Edge





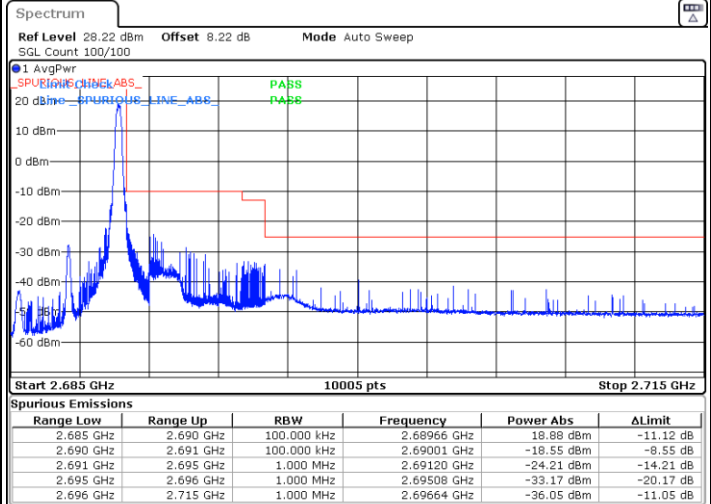
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



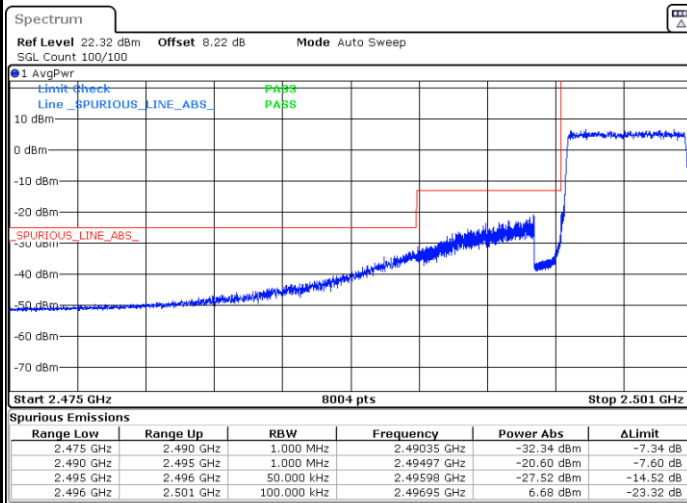
Date: 30.SEP.2022 10:07:51

Highest Band Edge / 1 RB



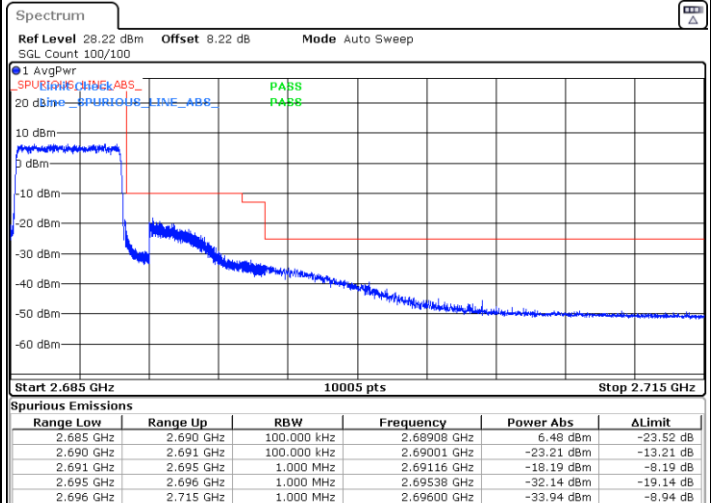
Date: 30.SEP.2022 10:14:46

Lowest Band Edge / Full RB



Date: 30.SEP.2022 10:10:15

Highest Band Edge / Full RB

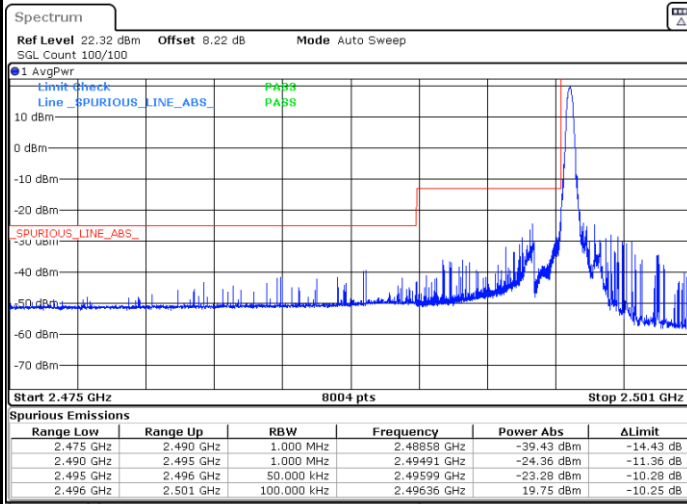


Date: 30.SEP.2022 10:13:32



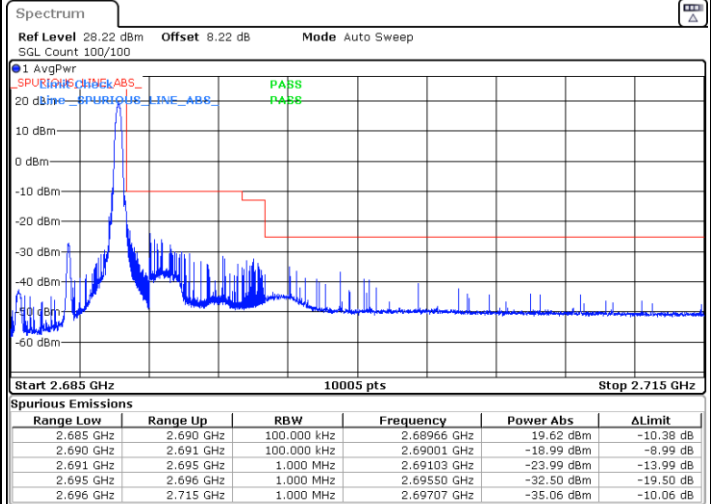
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



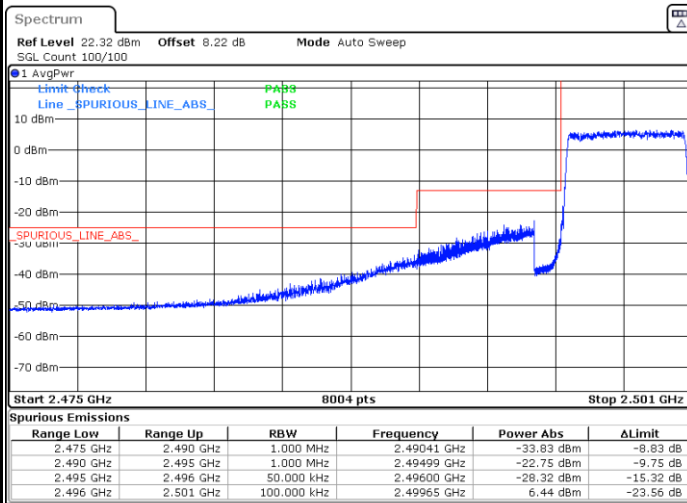
Date: 30 SEP 2022 10:08:16

Highest Band Edge / 1 RB



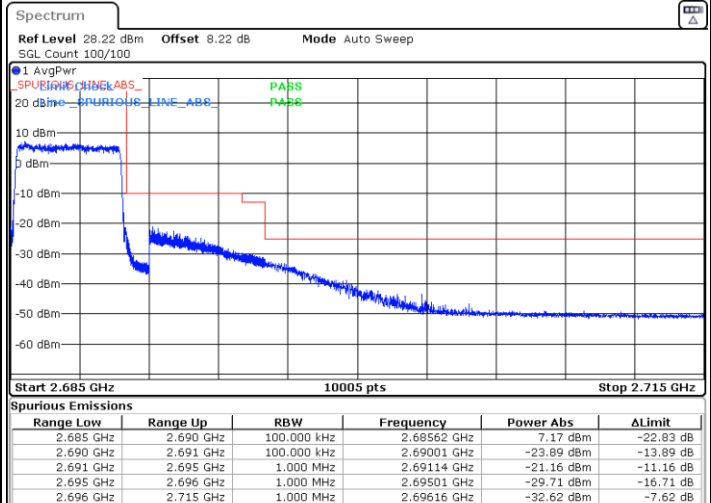
Date: 30 SEP 2022 10:15:04

Lowest Band Edge / Full RB



Date: 30 SEP 2022 10:09:48

Highest Band Edge / Full RB

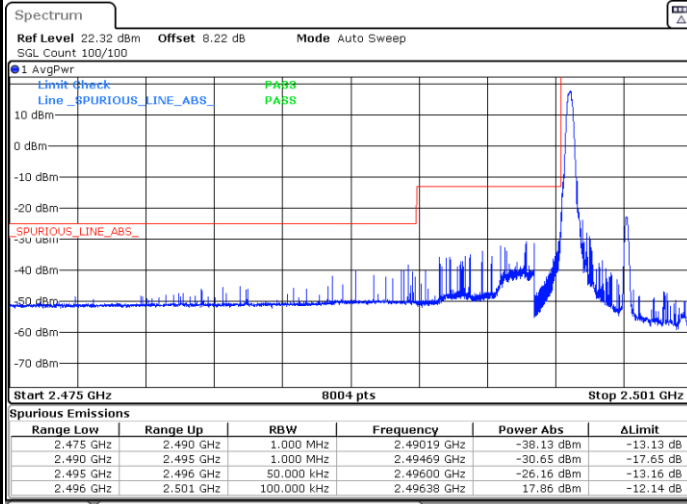


Date: 30 SEP 2022 10:13:09



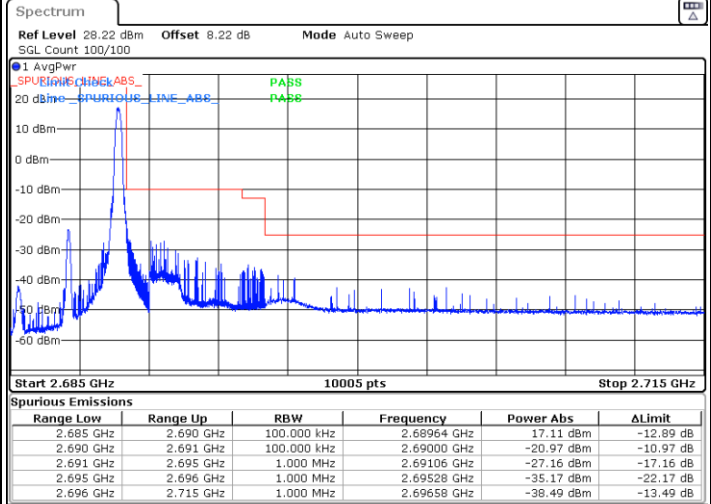
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



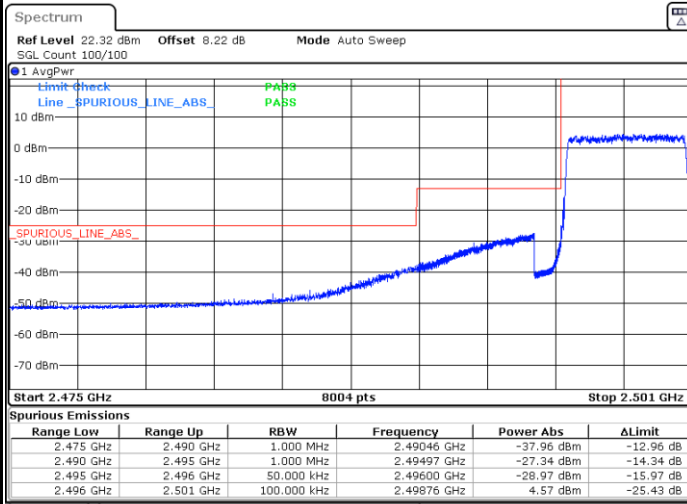
Date: 30 SEP 2022 10:08:48

Highest Band Edge / 1 RB



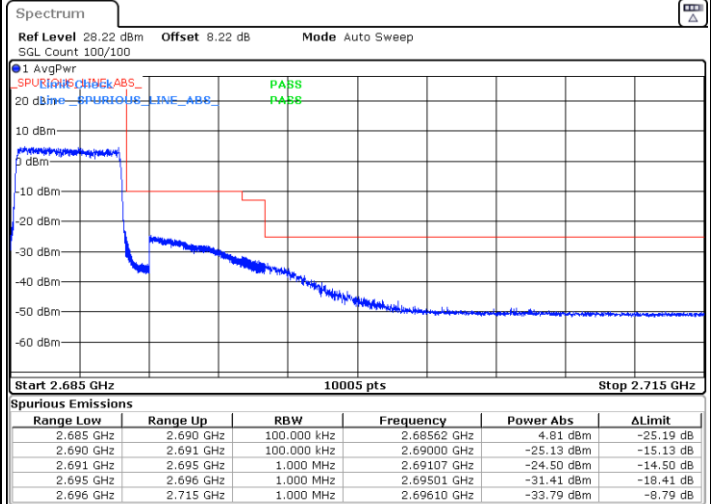
Date: 30 SEP 2022 10:15:49

Lowest Band Edge / Full RB



Date: 30 SEP 2022 10:09:19

Highest Band Edge / Full RB

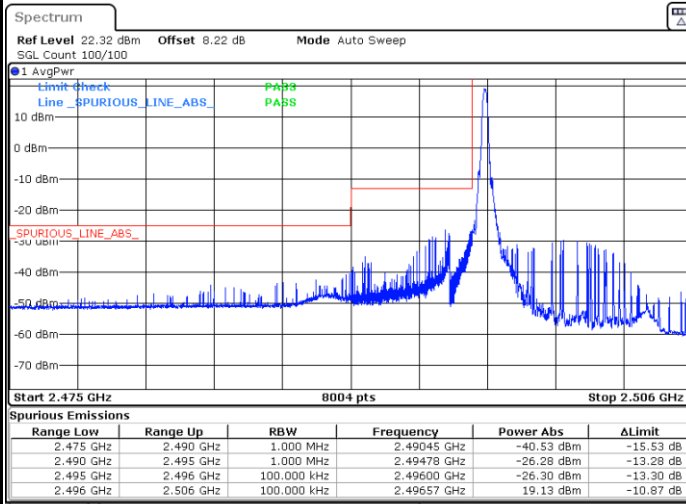


Date: 30 SEP 2022 10:12:32



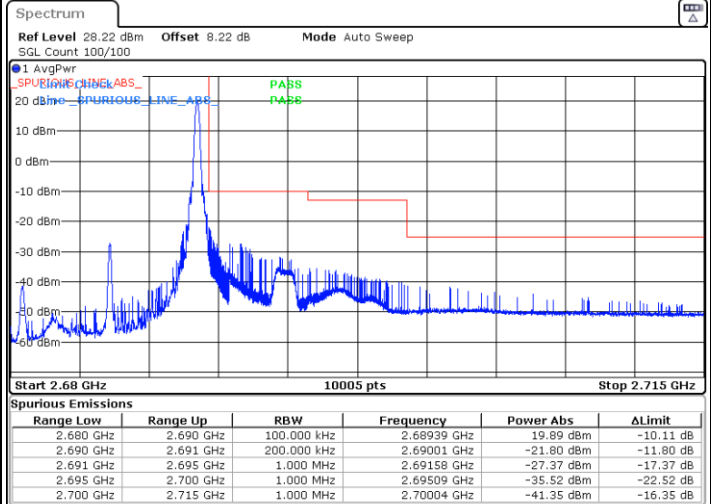
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



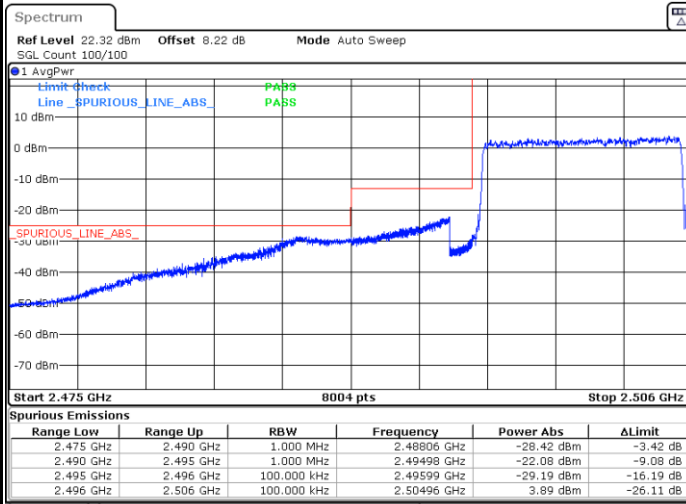
Date: 30 SEP 2022 09:56:20

Highest Band Edge / 1 RB



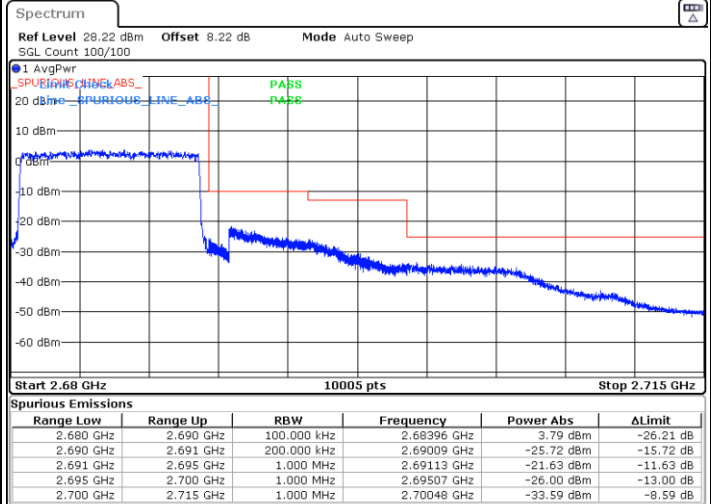
Date: 30 SEP 2022 10:02:22

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:58:52

Highest Band Edge / Full RB

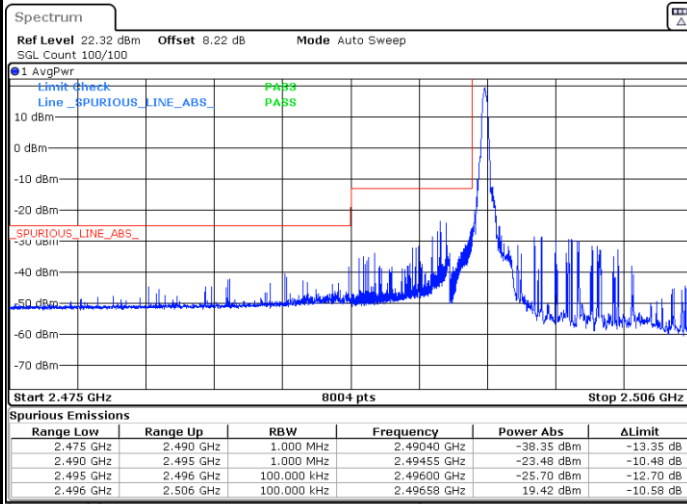


Date: 30 SEP 2022 09:59:55



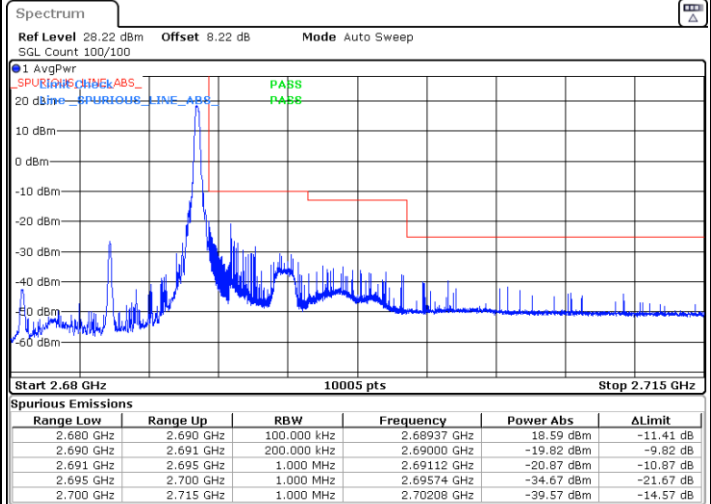
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



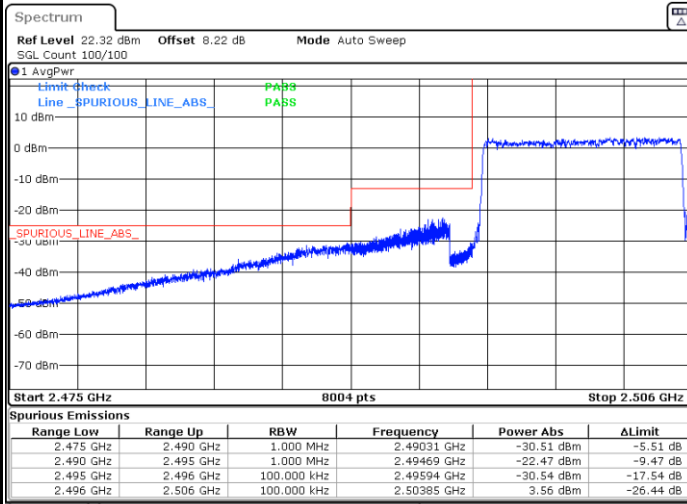
Date: 30 SEP 2022 09:56:37

Highest Band Edge / 1 RB



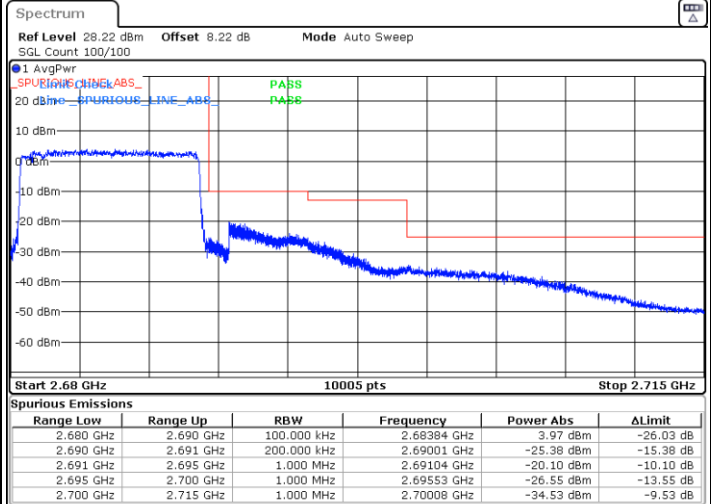
Date: 30 SEP 2022 10:02:02

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:58:31

Highest Band Edge / Full RB

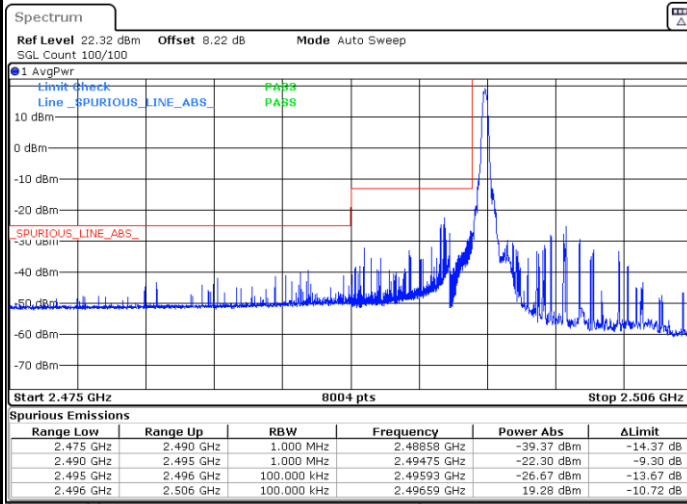


Date: 30 SEP 2022 10:00:13



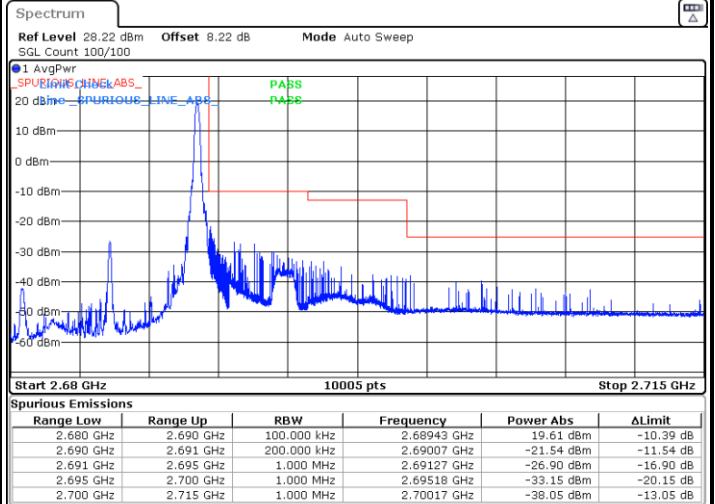
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



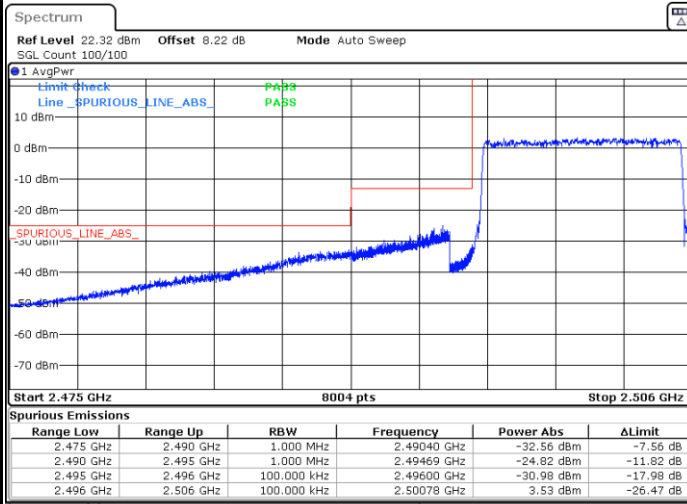
Date: 30 SEP 2022 09:56:56

Highest Band Edge / 1 RB



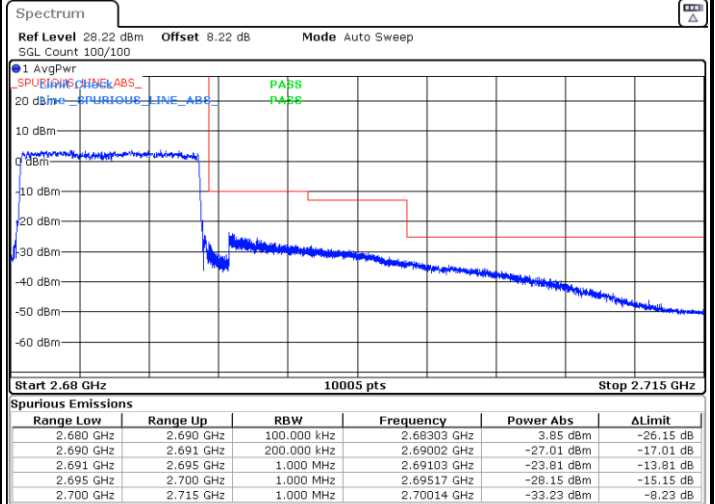
Date: 30 SEP 2022 10:01:42

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:58:11

Highest Band Edge / Full RB

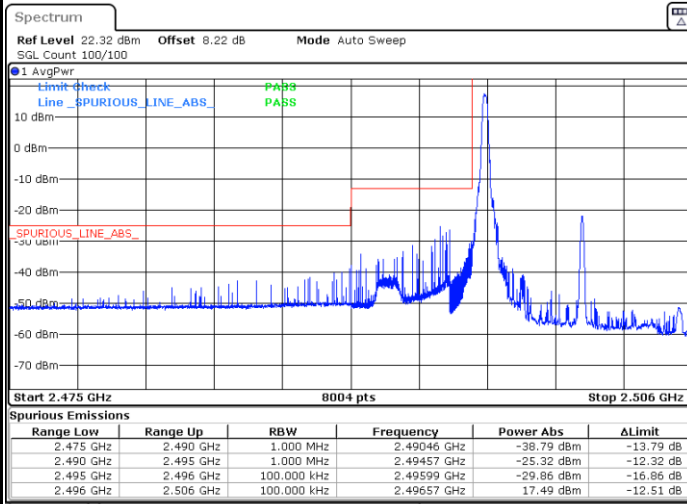


Date: 30 SEP 2022 10:00:29



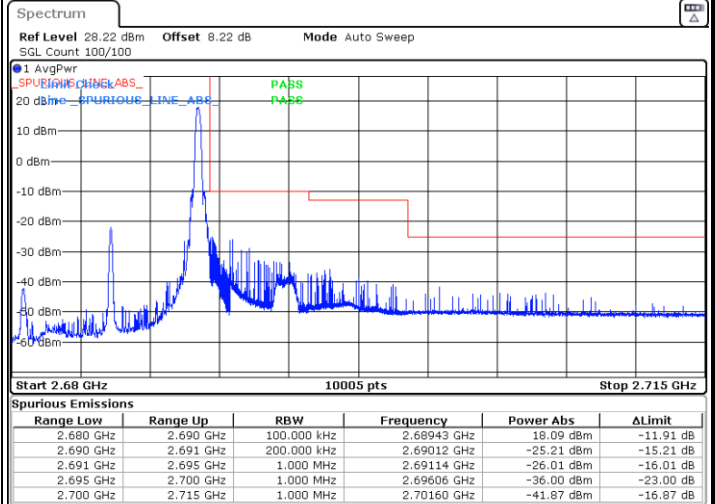
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



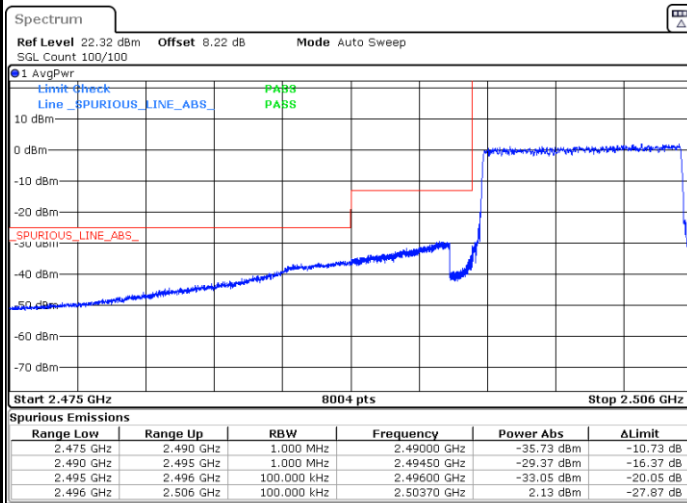
Date: 30.SEP.2022 09:57:16

Highest Band Edge / 1 RB



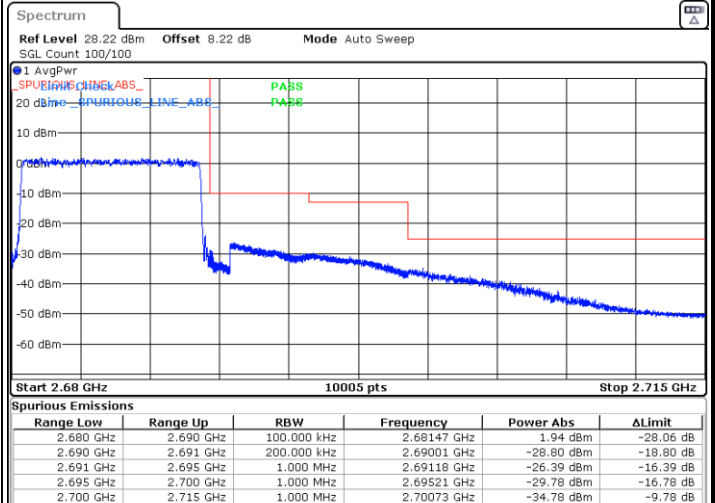
Date: 30.SEP.2022 10:01:20

Lowest Band Edge / Full RB



Date: 30.SEP.2022 09:57:49

Highest Band Edge / Full RB

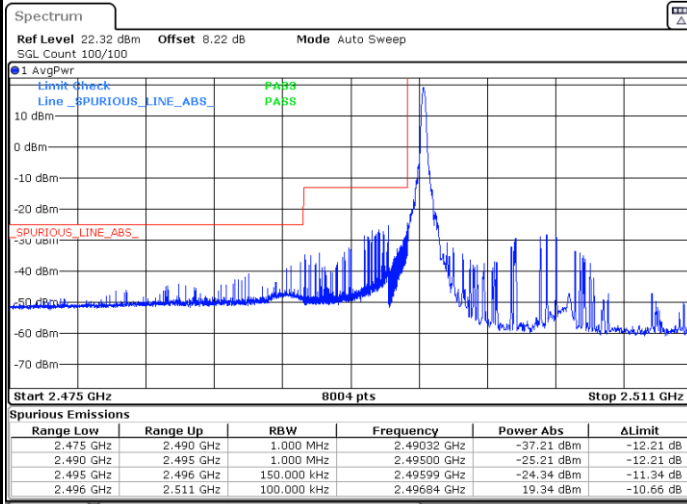


Date: 30.SEP.2022 10:00:51



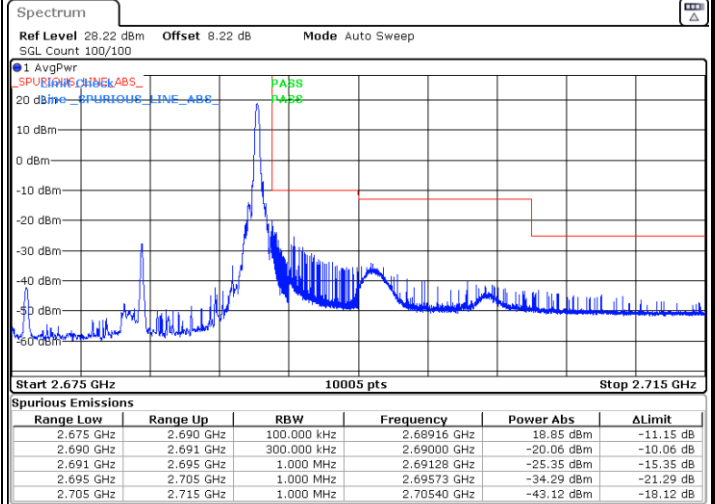
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



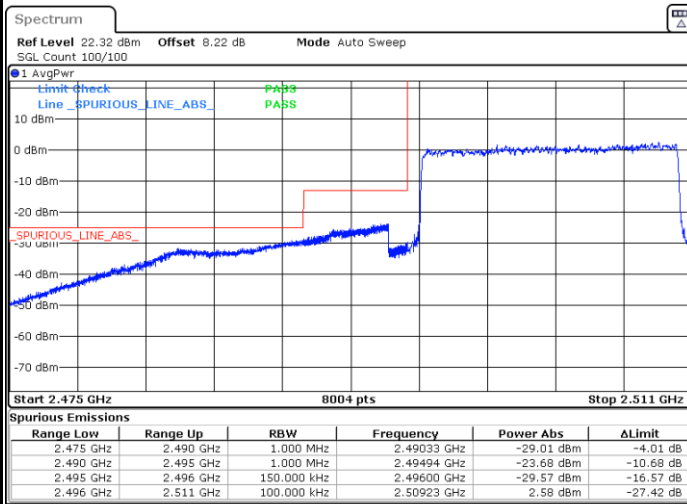
Date: 30 SEP 2022 09:45:52

Highest Band Edge / 1 RB



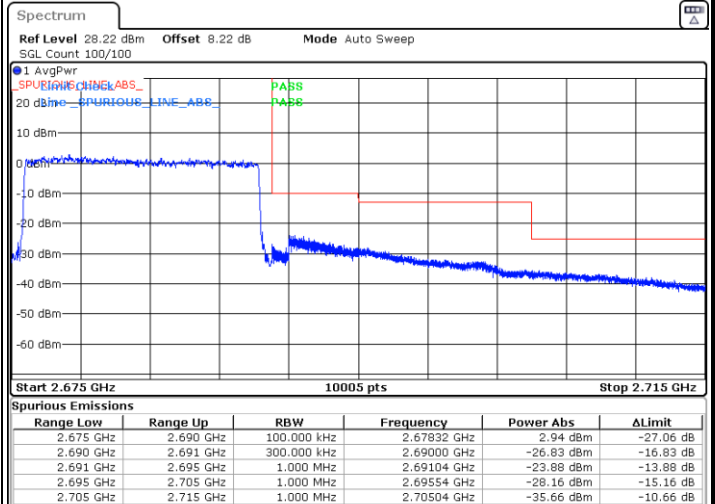
Date: 30 SEP 2022 09:52:06

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:48:41

Highest Band Edge / Full RB

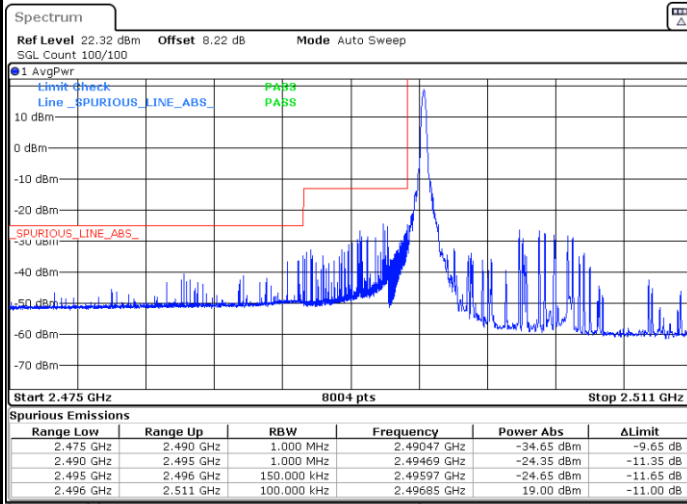


Date: 30 SEP 2022 09:49:56



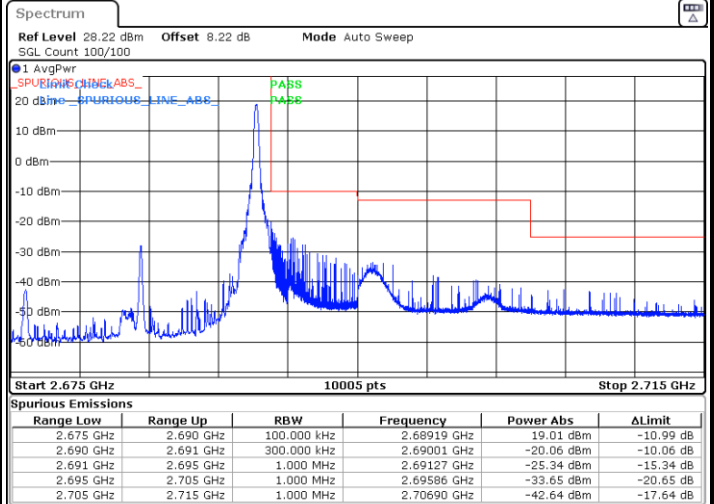
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



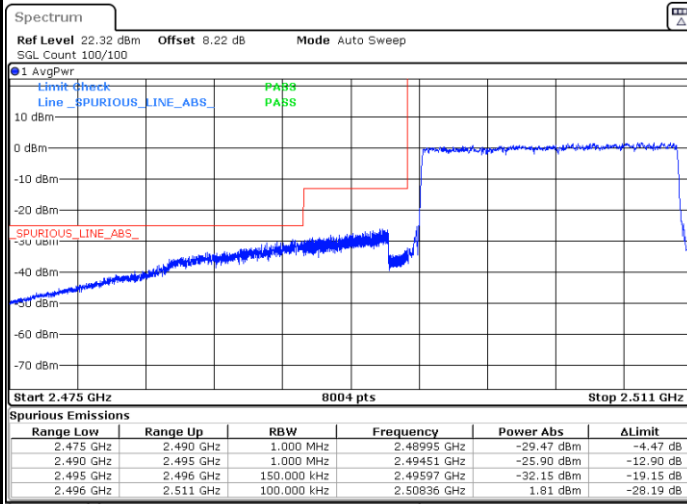
Date: 30 SEP 2022 09:46:12

Highest Band Edge / 1 RB



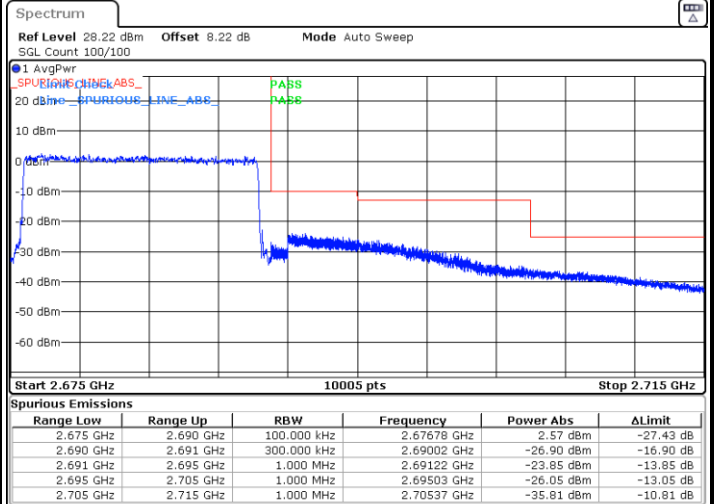
Date: 30 SEP 2022 09:51:49

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:48:22

Highest Band Edge / Full RB

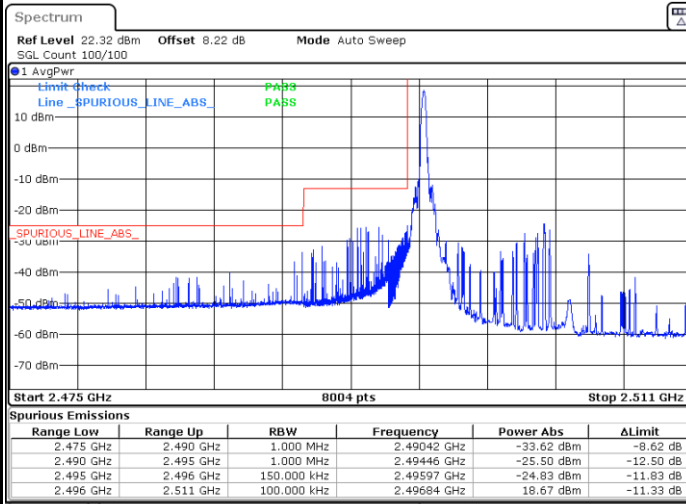


Date: 30 SEP 2022 09:50:15



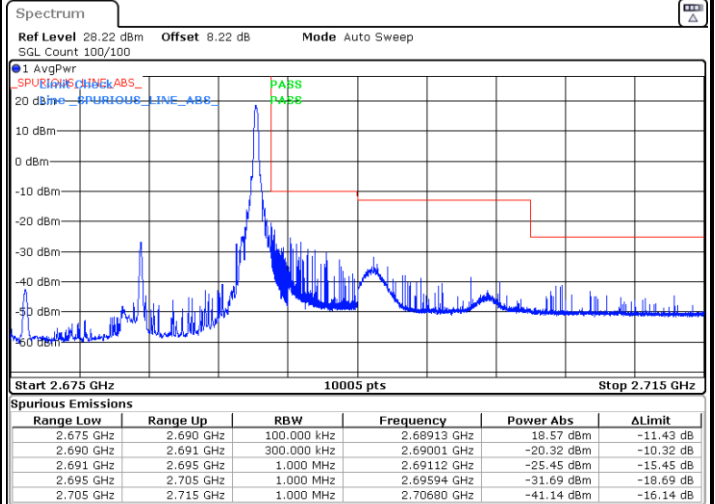
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



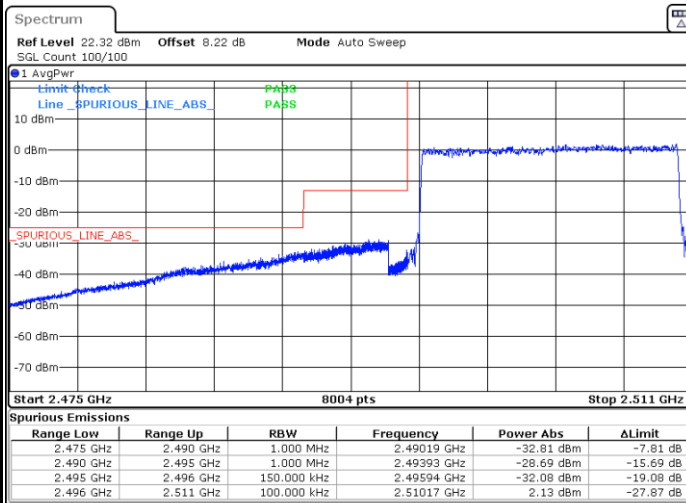
Date: 30 SEP 2022 09:46:31

Highest Band Edge / 1 RB



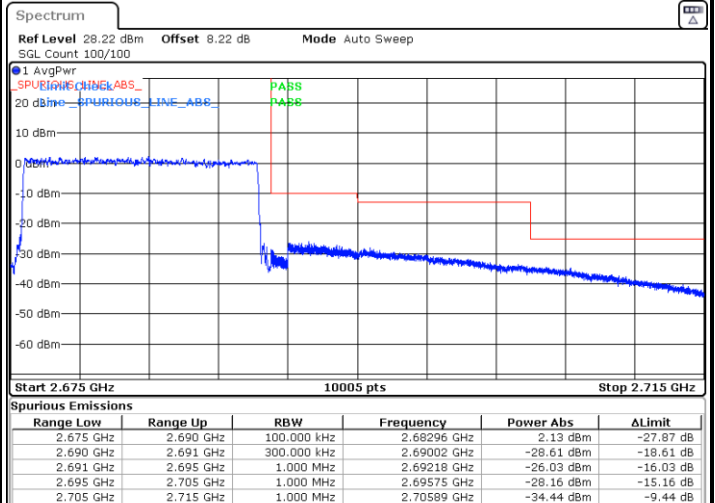
Date: 30 SEP 2022 09:51:31

Lowest Band Edge / Full RB



Date: 30 SEP 2022 09:48:00

Highest Band Edge / Full RB



Date: 30 SEP 2022 09:50:31