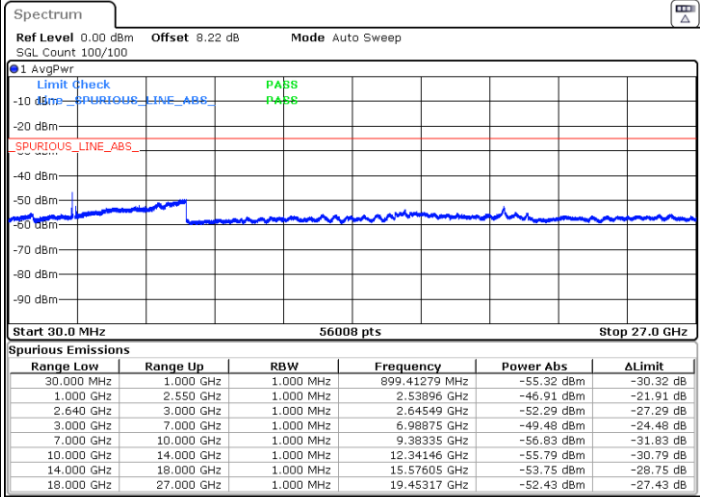
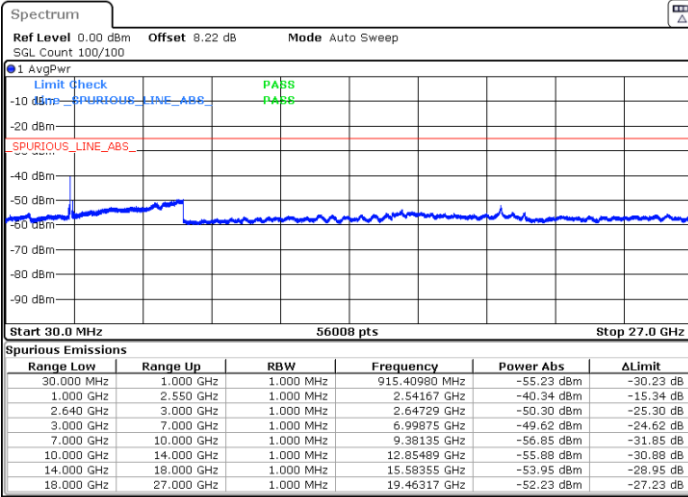




LTE Band 38 / 10MHz

Lowest Channel / QPSK

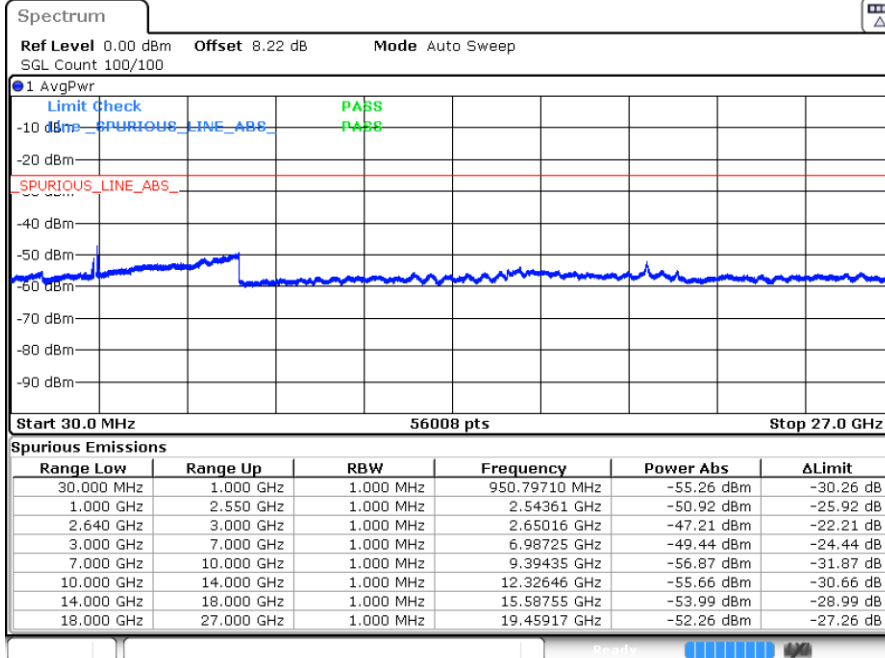
Middle Channel / QPSK



Date: 16 NOV 2022 19:25:44

Date: 16 NOV 2022 19:27:19

Highest Channel / QPSK



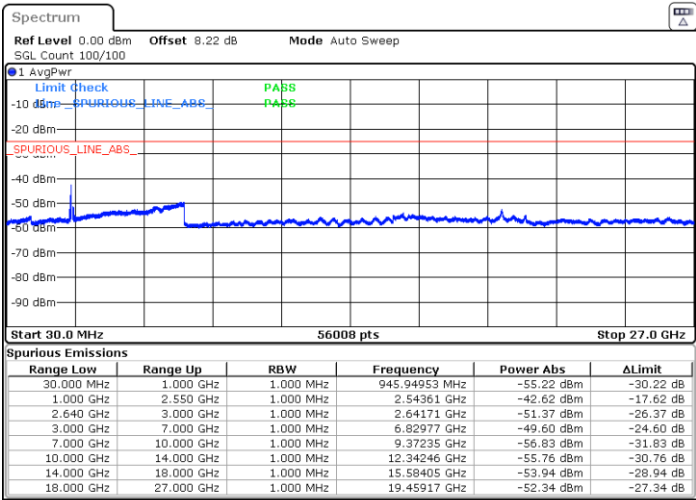
Date: 16.NOV.2022 19:29:05



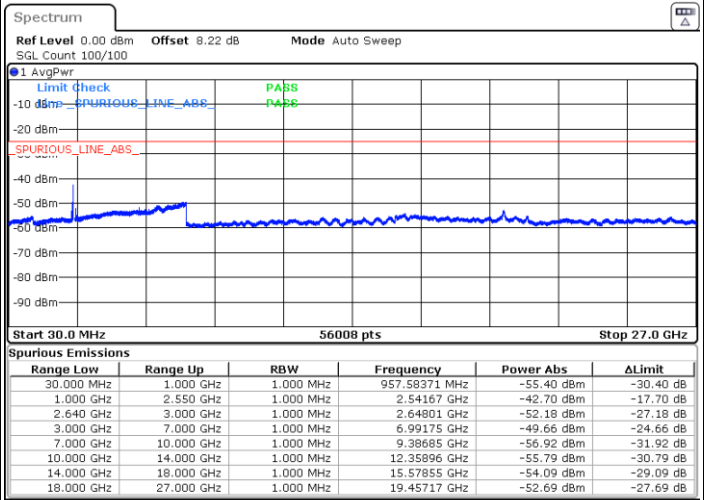
LTE Band 38 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

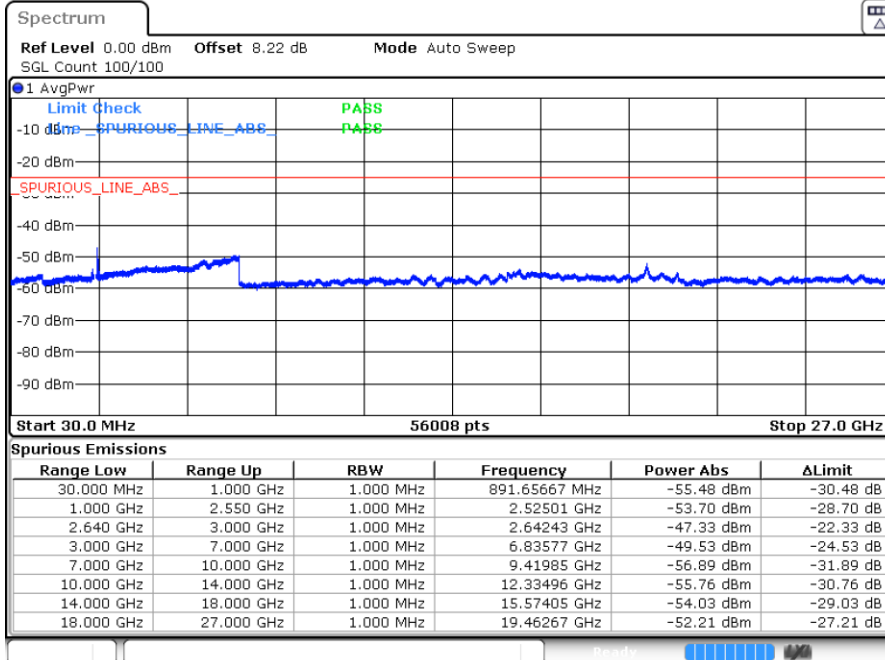


Date: 16.NOV.2022 19:52:02



Date: 16.NOV.2022 20:01:22

Highest Channel / QPSK

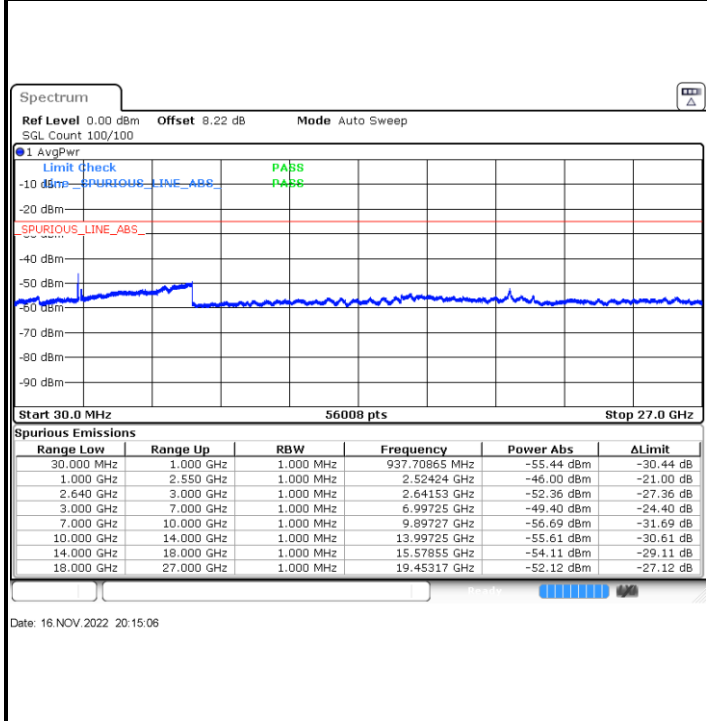


Date: 16.NOV.2022 20:08:40

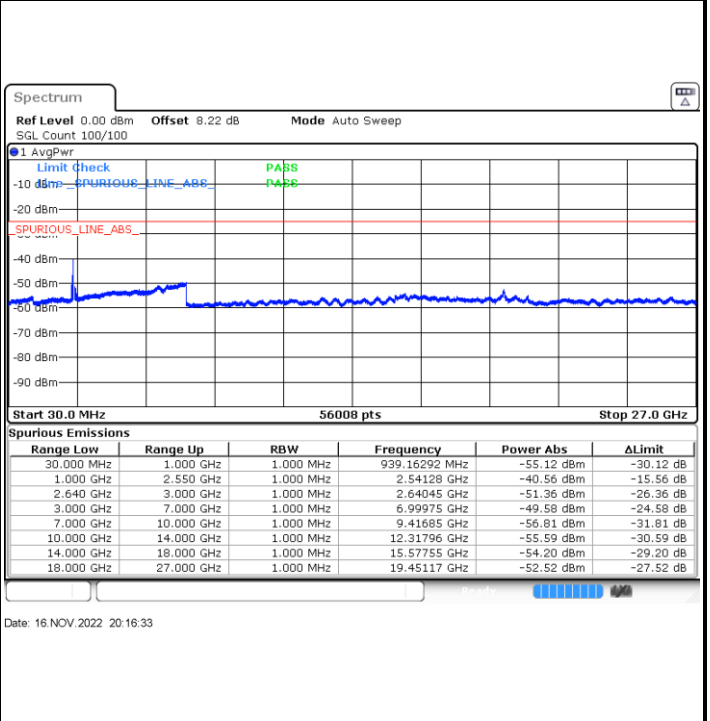


**LTE Band 38 / 20MHz**

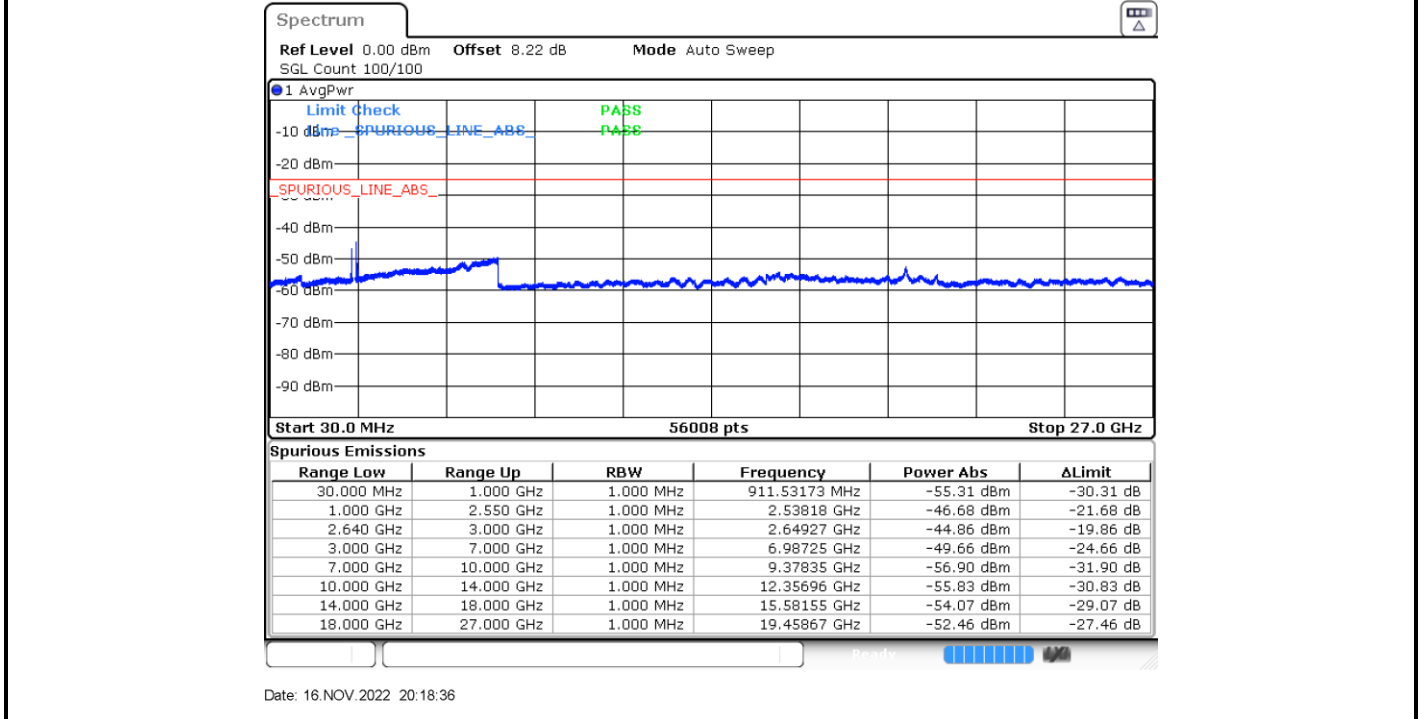
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0016	

Note:

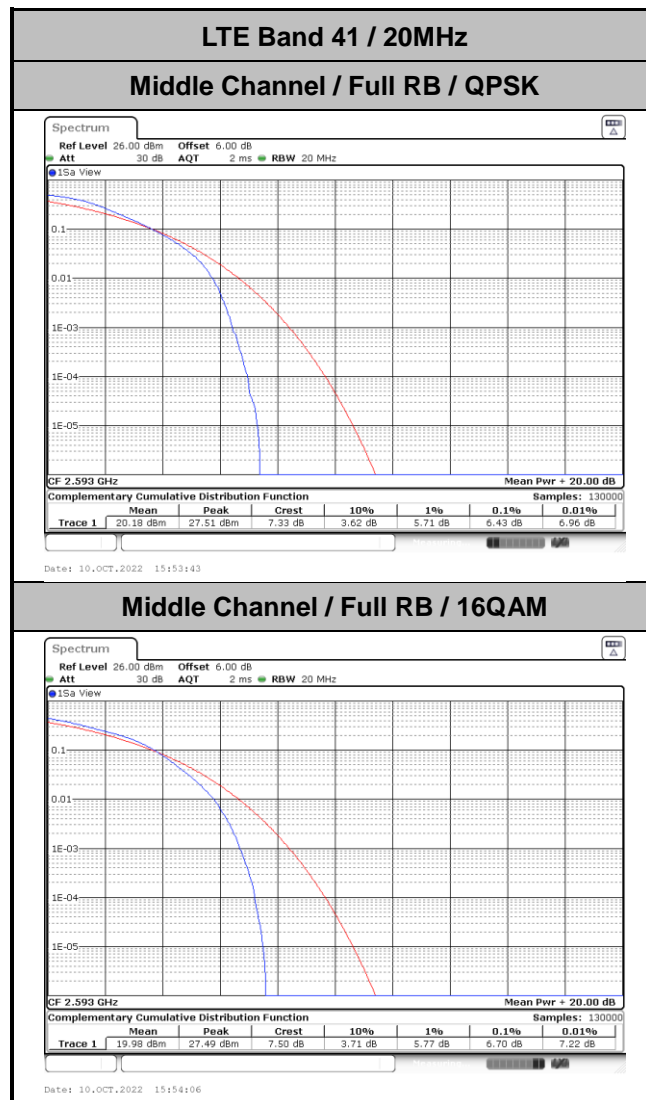
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

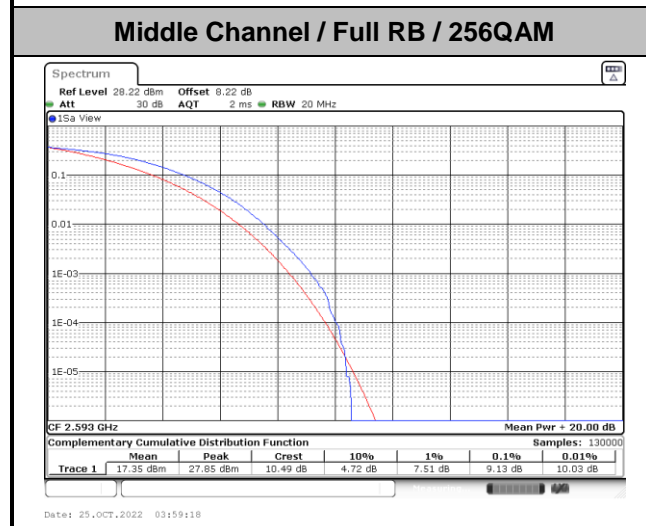
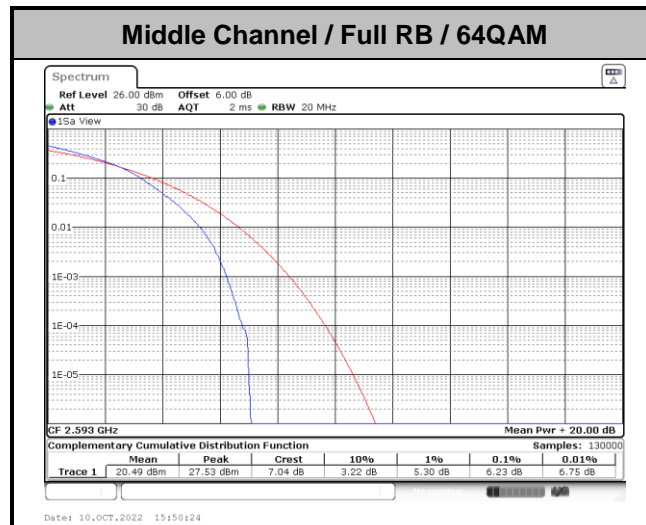


# LTE Band 41

## Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.43	6.70	6.23	9.13	PASS

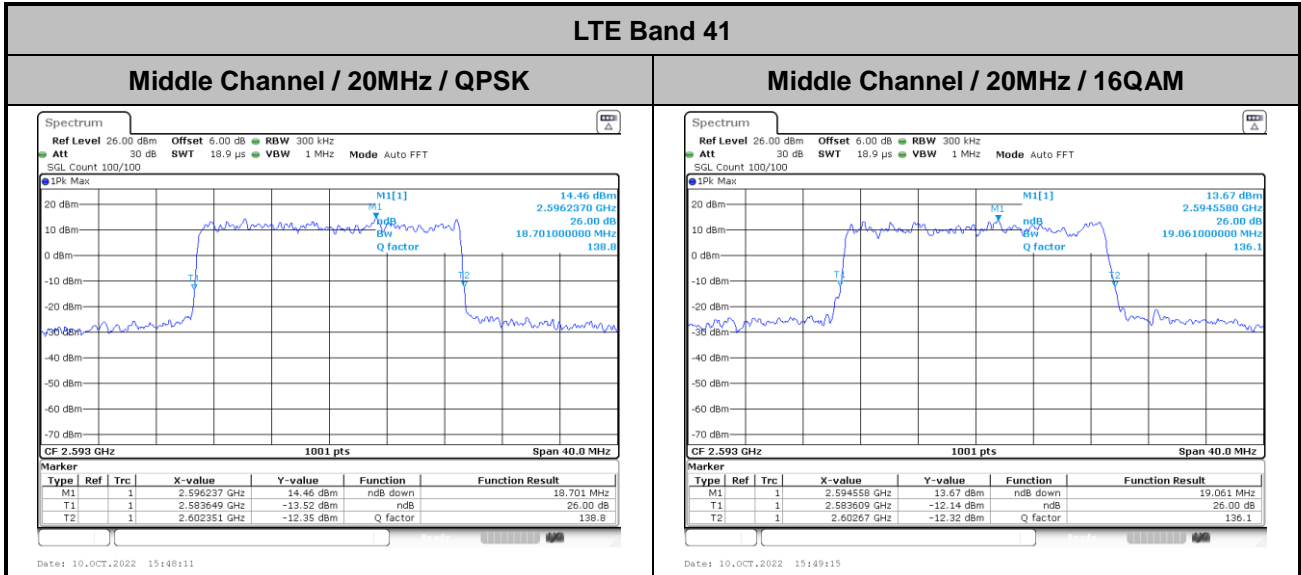






**26dB Bandwidth**

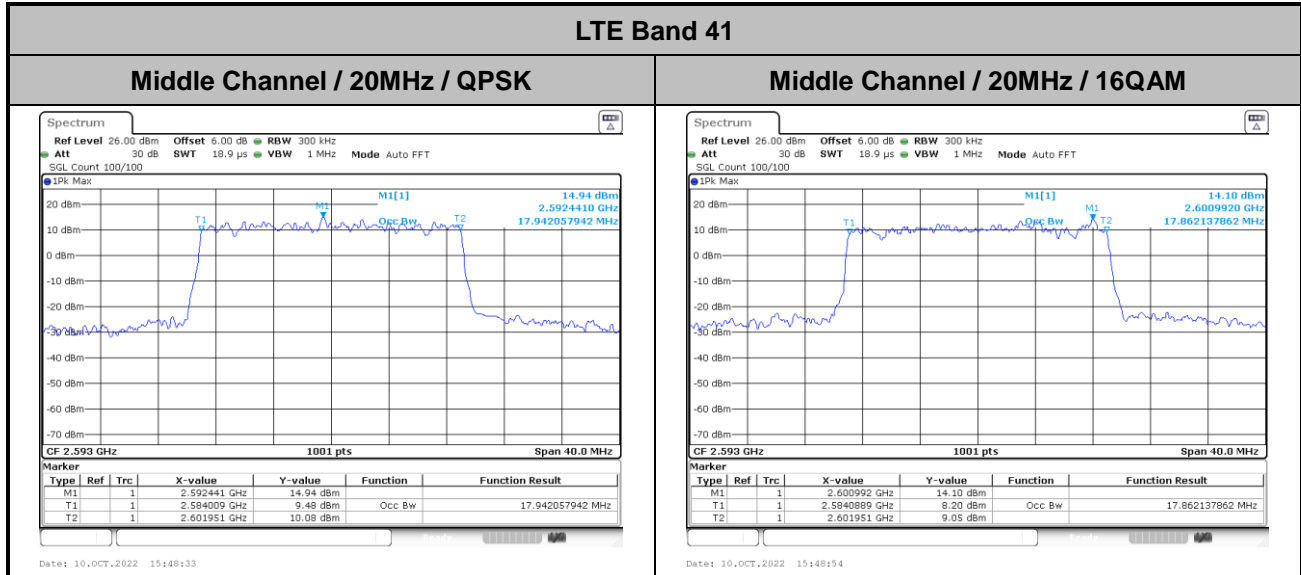
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.70	19.06





# Occupied Bandwidth

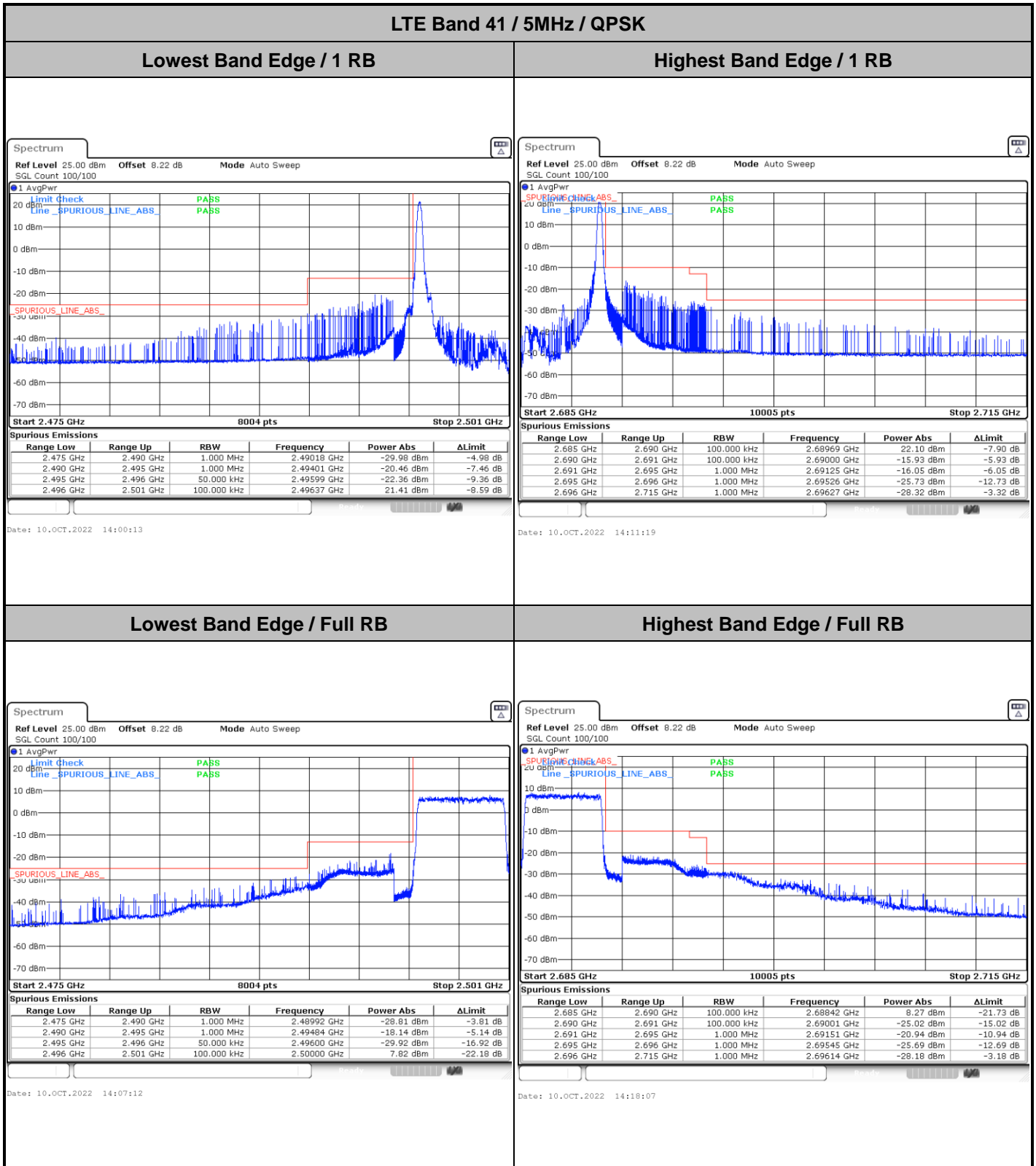
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	17.86







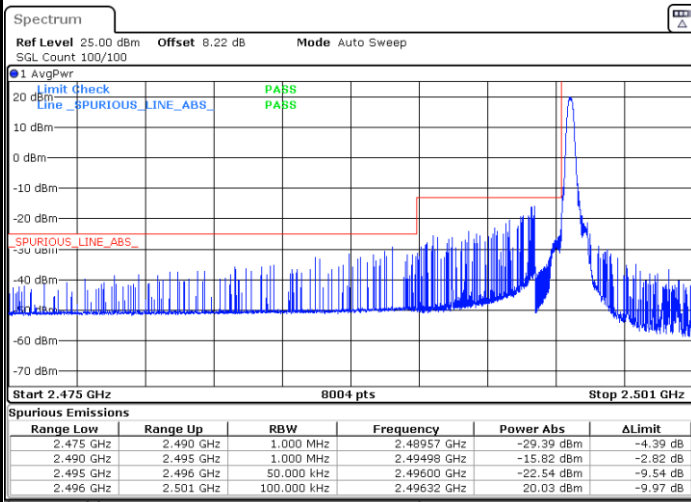
# Conducted Band Edge





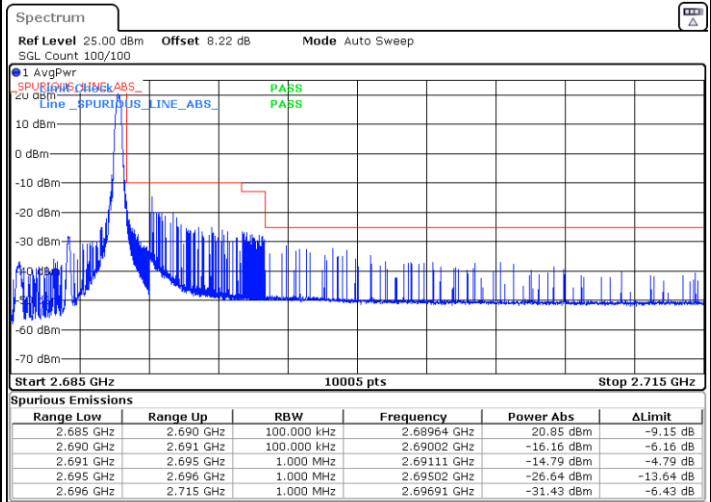
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



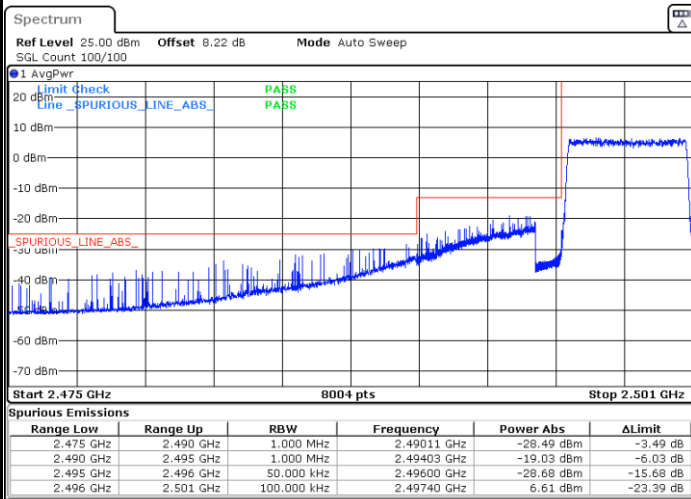
Date: 10.OCT.2022 14:01:36

Highest Band Edge / 1 RB



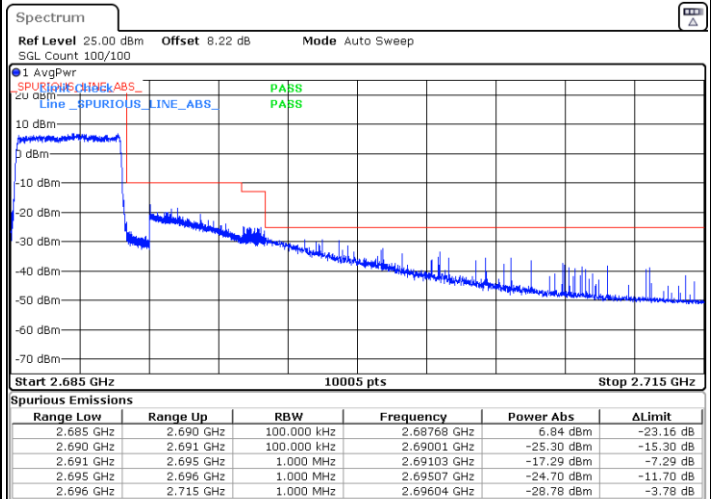
Date: 10.OCT.2022 14:12:41

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:05:18

Highest Band Edge / Full RB

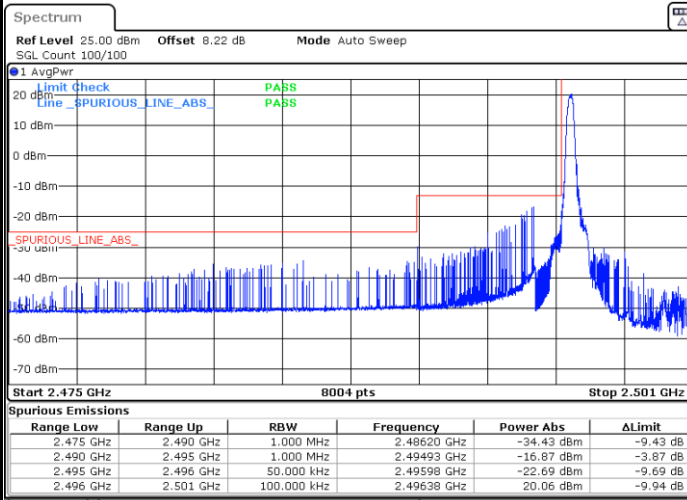


Date: 10.OCT.2022 14:16:45



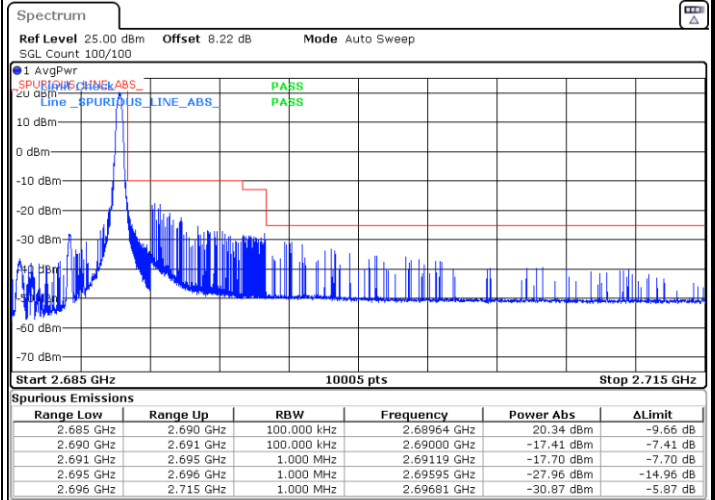
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



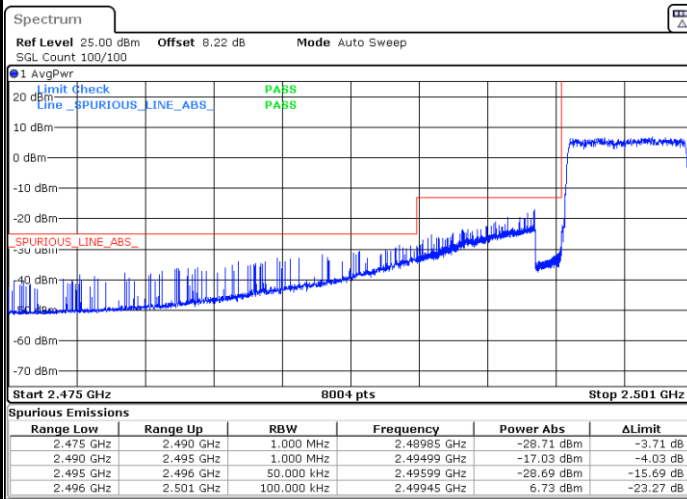
Date: 10.OCT.2022 14:03:00

Highest Band Edge / 1 RB



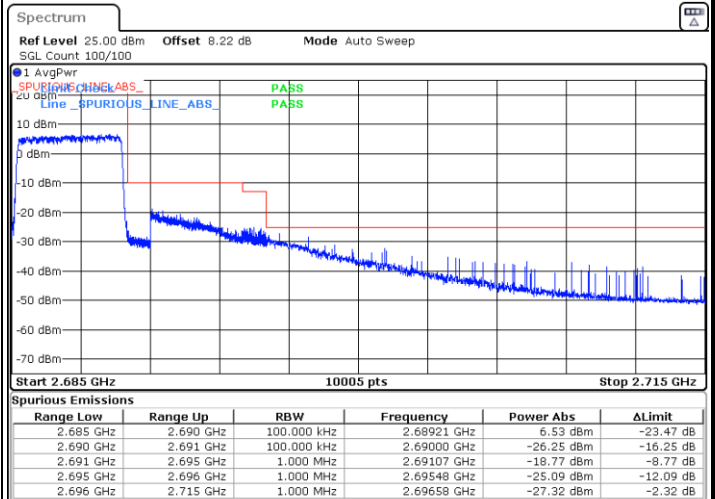
Date: 10.OCT.2022 14:14:02

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:04:24

Highest Band Edge / Full RB

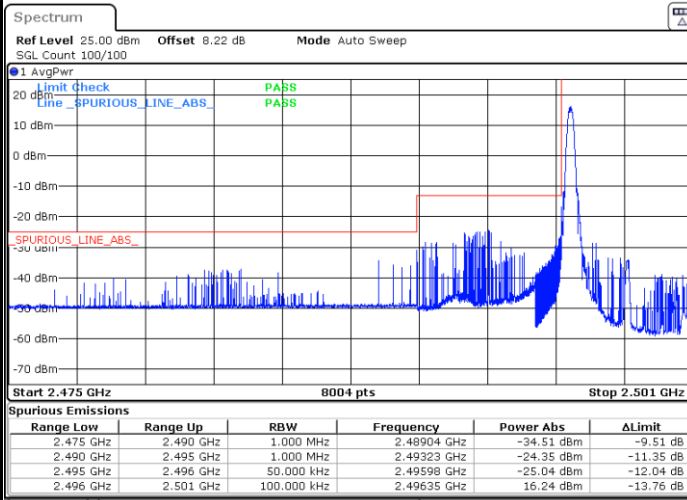


Date: 10.OCT.2022 14:15:24



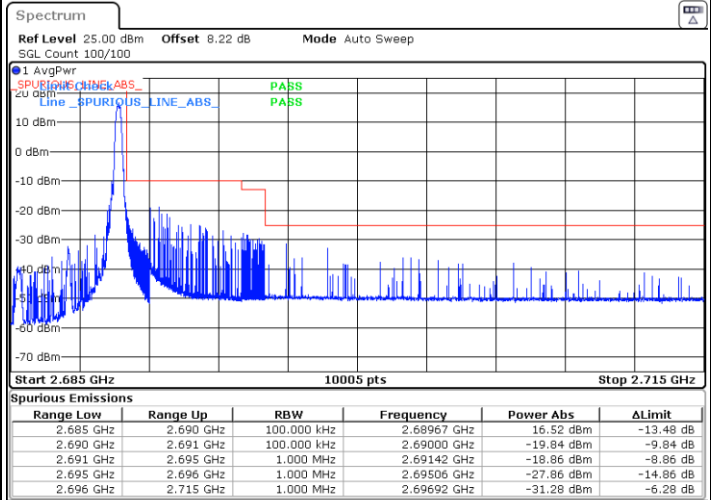
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



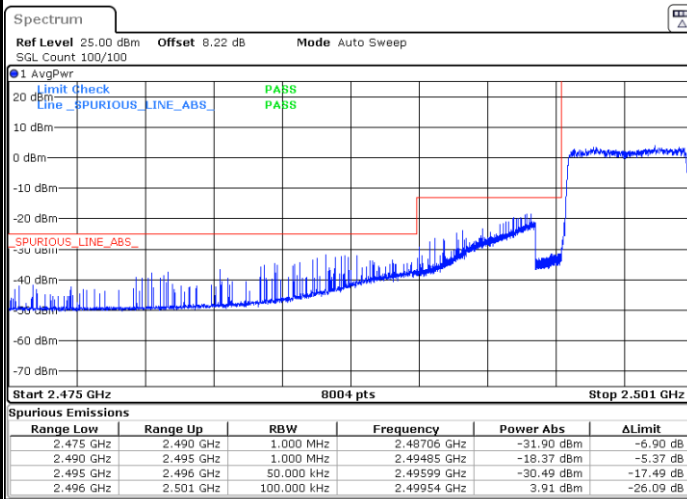
Date: 25.OCT.2022 03:33:29

Highest Band Edge / 1 RB



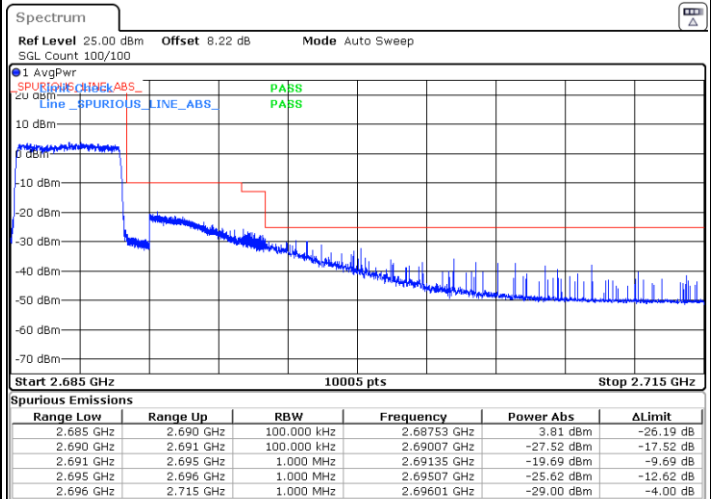
Date: 25.OCT.2022 03:36:59

Lowest Band Edge / Full RB



Date: 25.OCT.2022 03:34:42

Highest Band Edge / Full RB

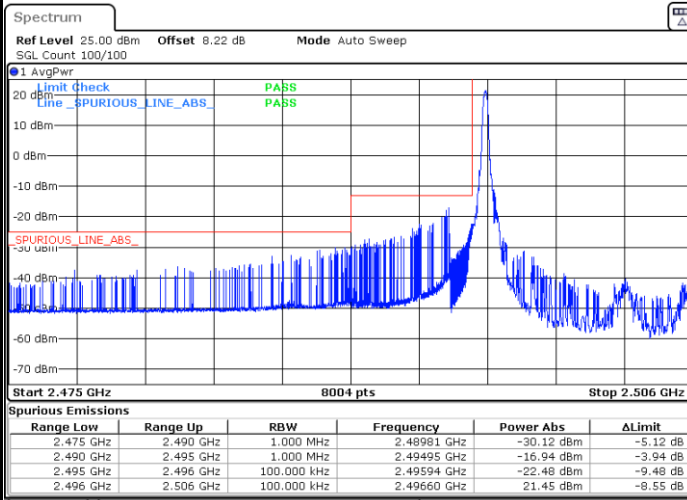


Date: 25.OCT.2022 03:38:12



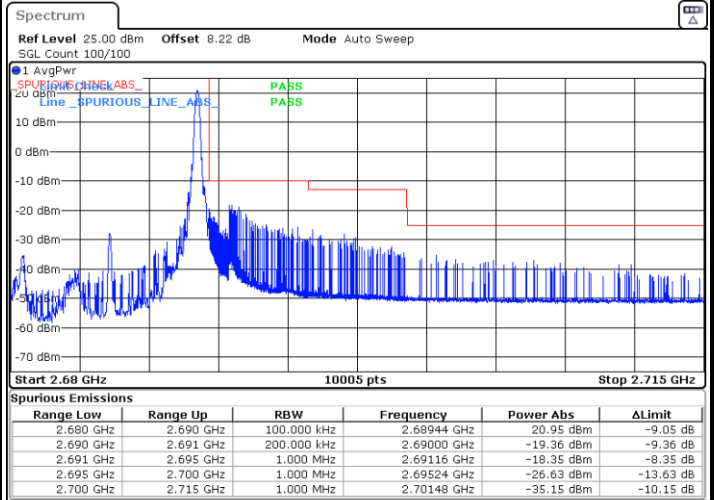
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



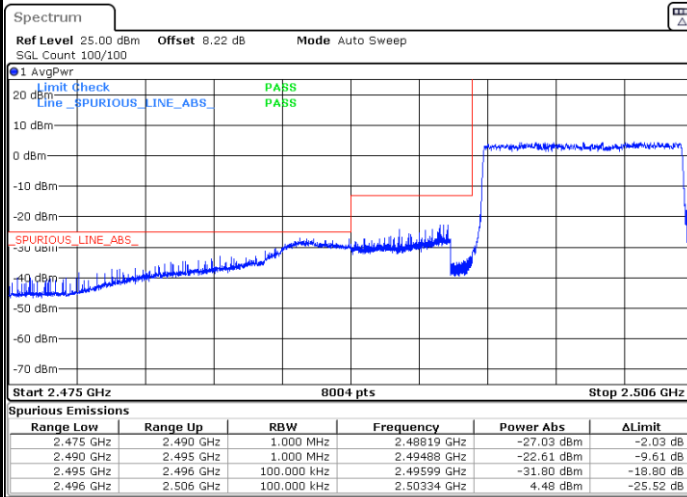
Date: 10.OCT.2022 14:20:54

Highest Band Edge / 1 RB



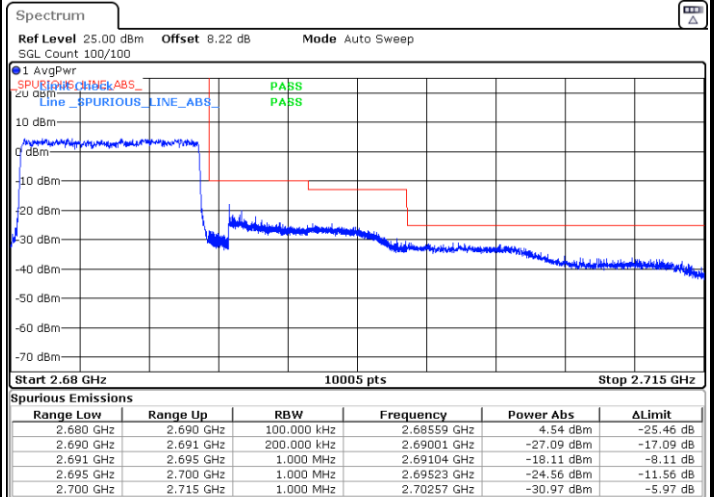
Date: 10.OCT.2022 14:31:58

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:27:52

Highest Band Edge / Full RB

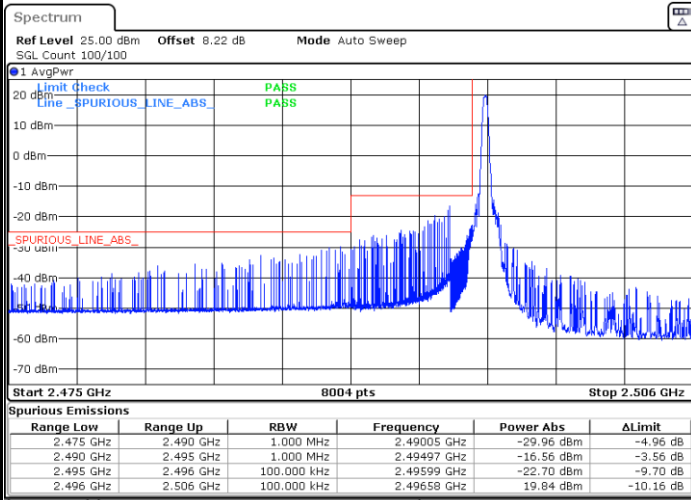


Date: 10.OCT.2022 14:38:45



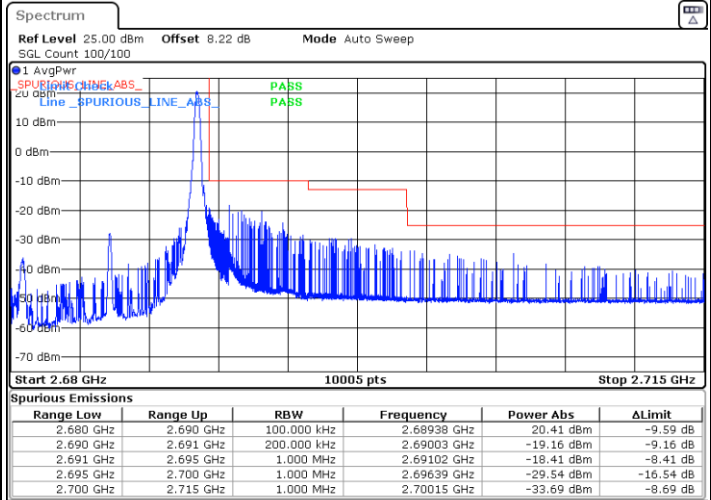
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



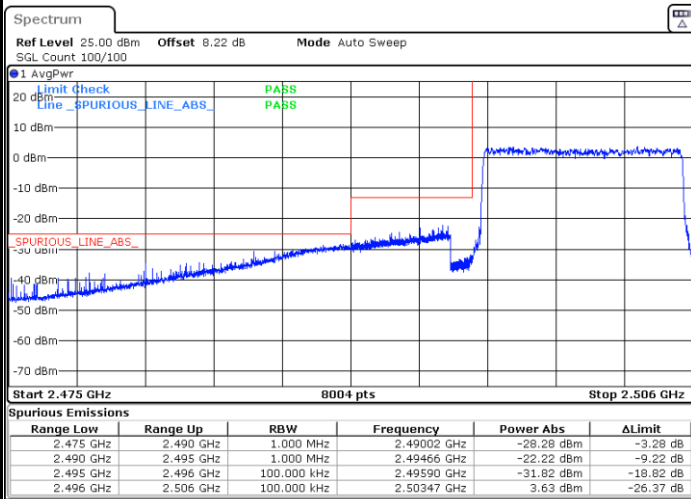
Date: 10.OCT.2022 14:22:18

Highest Band Edge / 1 RB



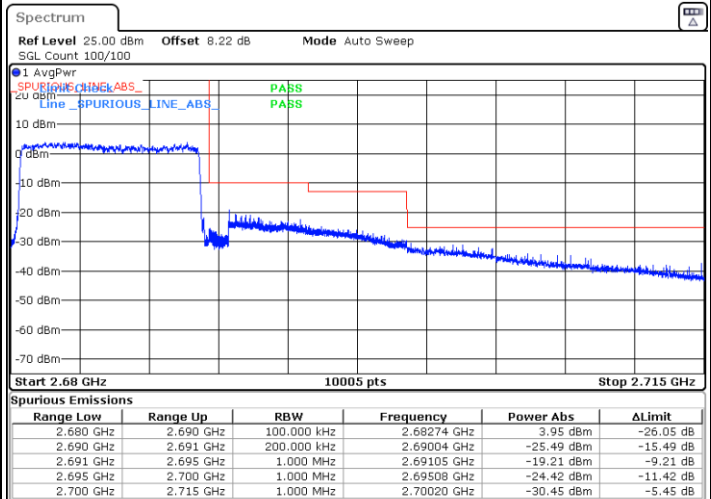
Date: 10.OCT.2022 14:33:19

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:26:29

Highest Band Edge / Full RB

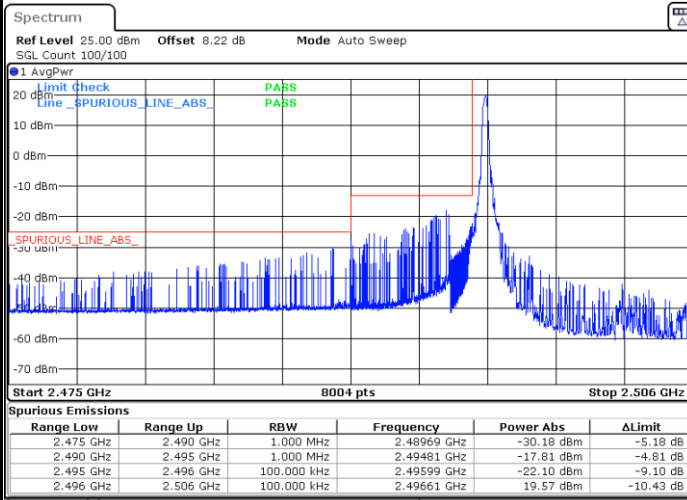


Date: 10.OCT.2022 14:37:24



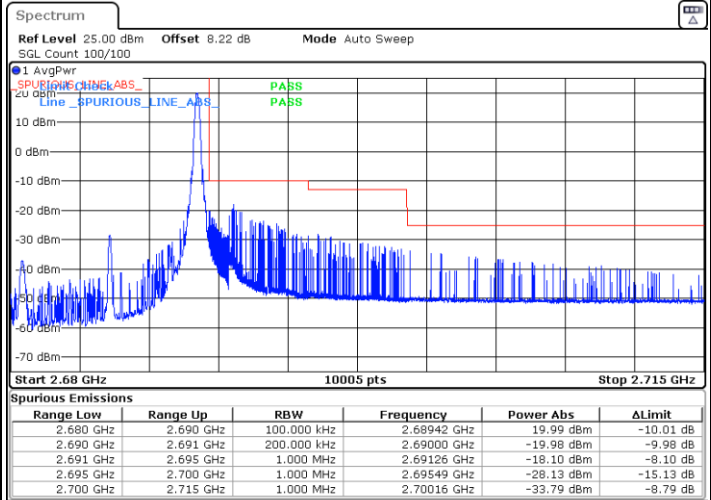
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



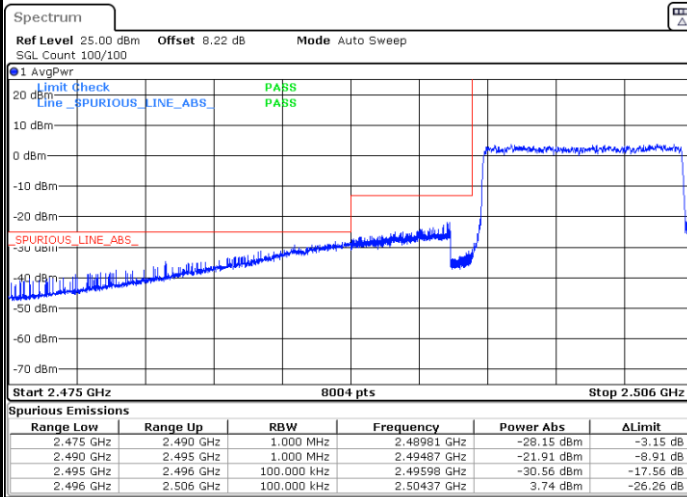
Date: 10.OCT.2022 14:23:41

Highest Band Edge / 1 RB



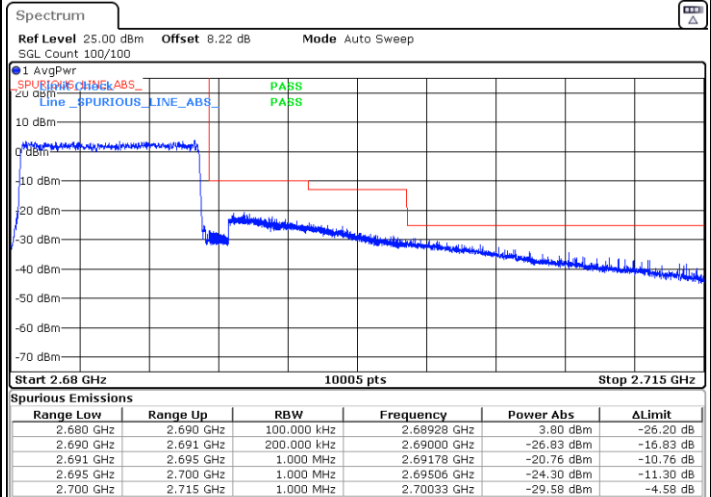
Date: 10.OCT.2022 14:34:41

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:25:05

Highest Band Edge / Full RB



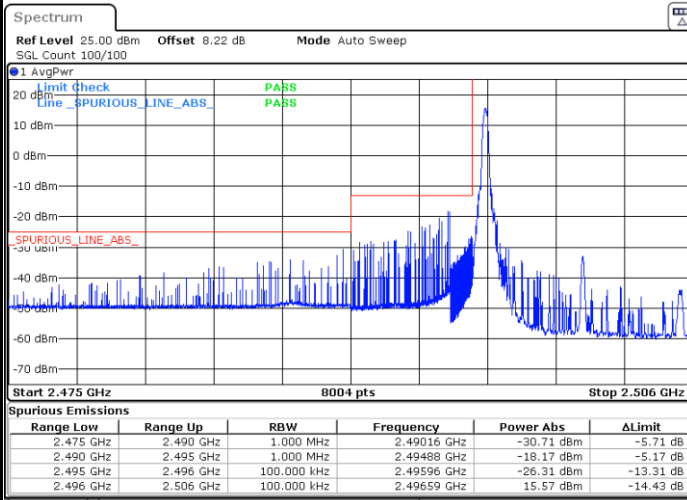
Date: 10.OCT.2022 14:36:02





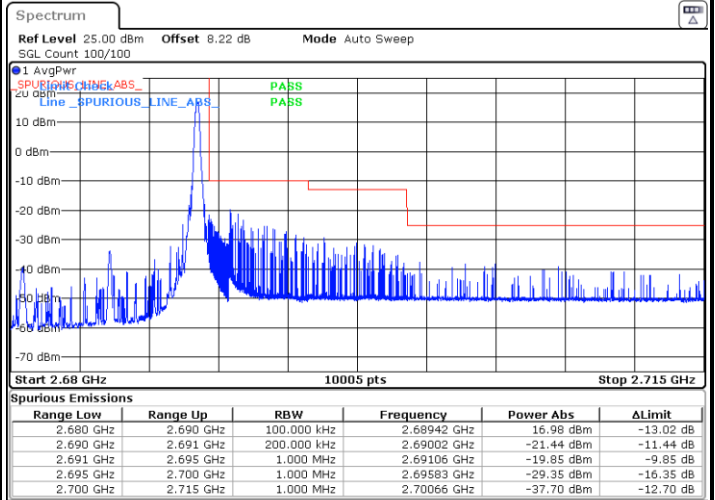
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



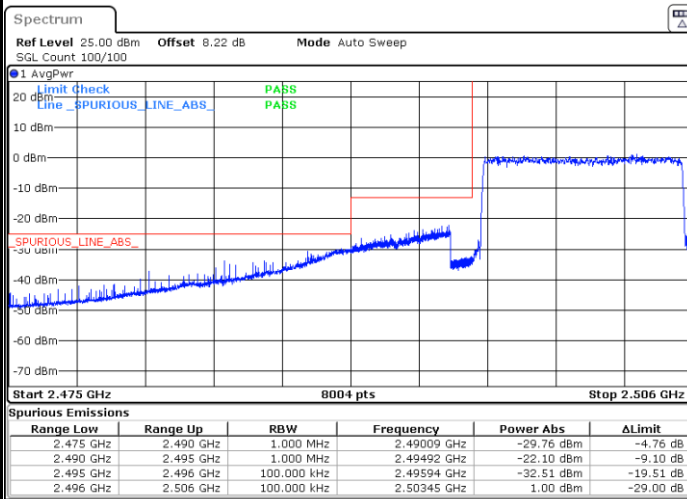
Date: 25.OCT.2022 03:40:15

Highest Band Edge / 1 RB



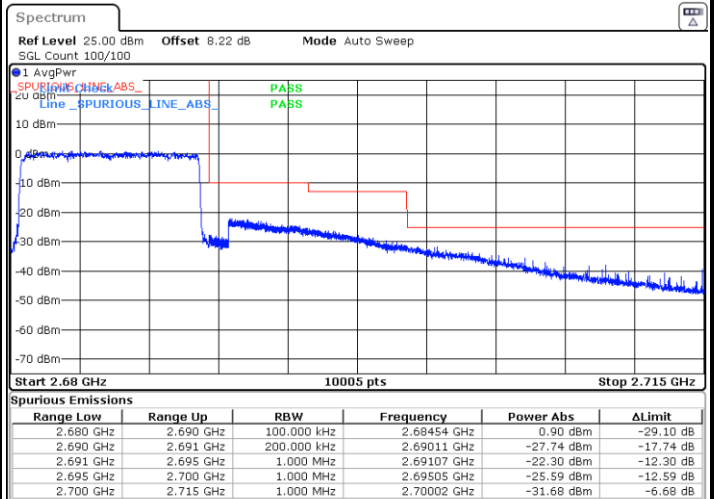
Date: 25.OCT.2022 03:43:30

Lowest Band Edge / Full RB



Date: 25.OCT.2022 03:41:29

Highest Band Edge / Full RB



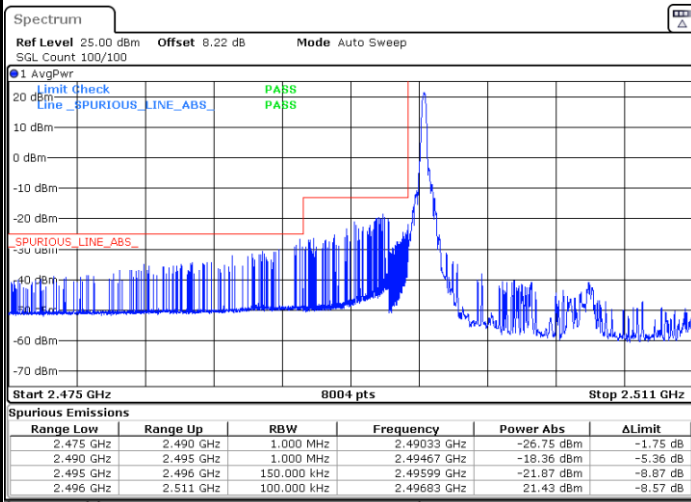
Date: 25.OCT.2022 03:44:43





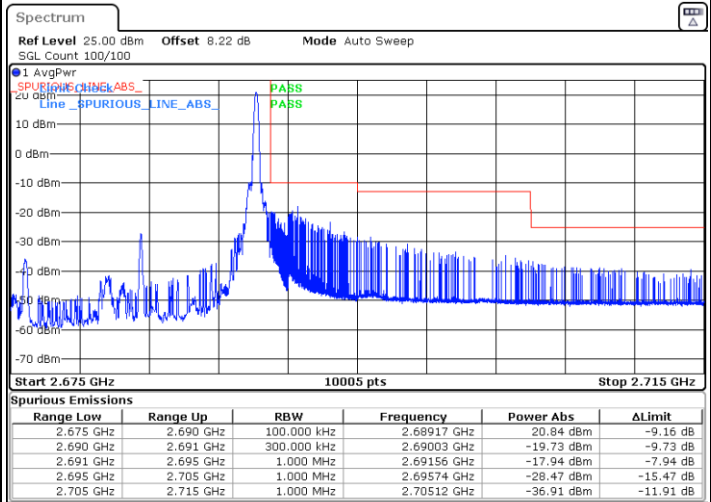
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



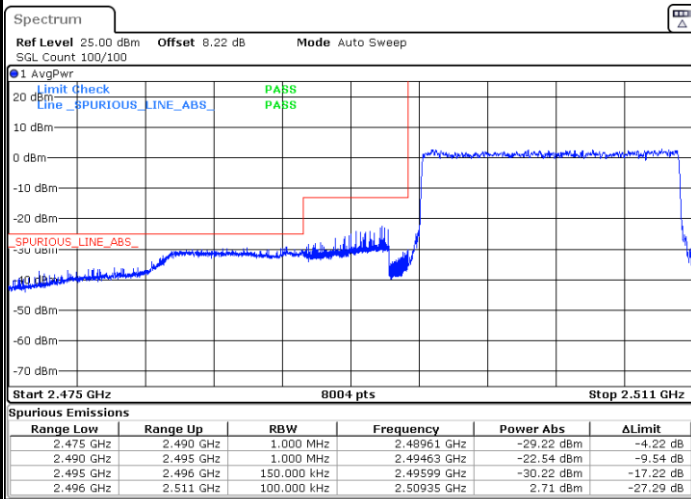
Date: 10.OCT.2022 14:41:32

Highest Band Edge / 1 RB



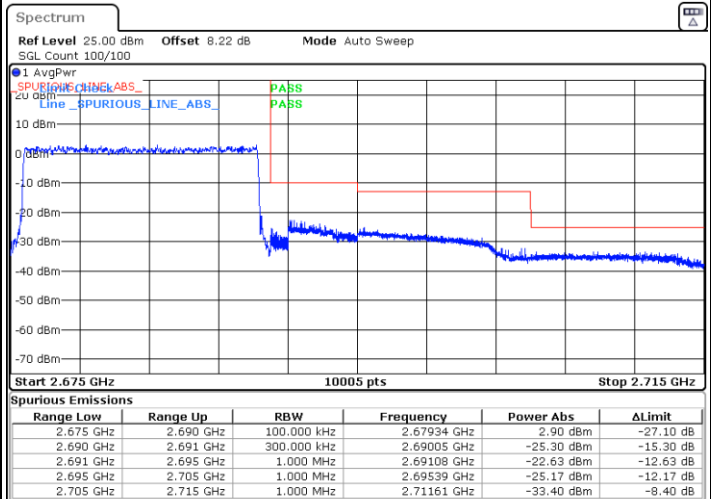
Date: 10.OCT.2022 14:52:36

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:48:29

Highest Band Edge / Full RB

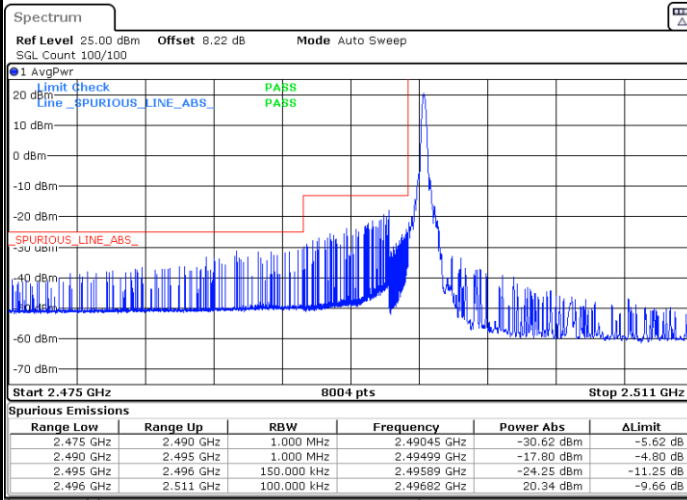


Date: 10.OCT.2022 14:59:22



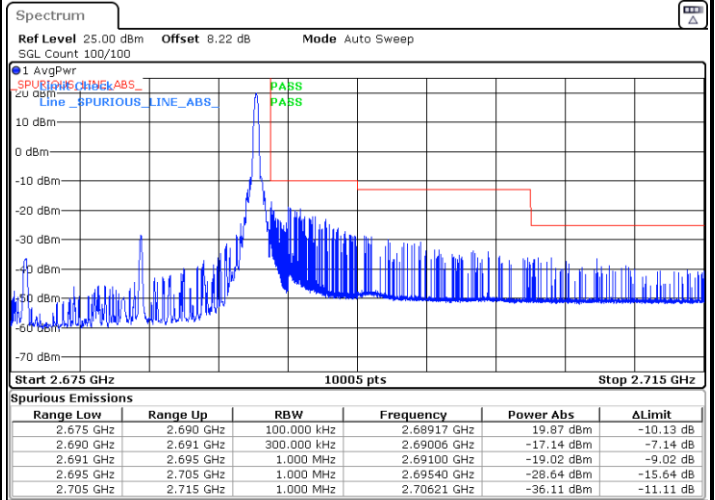
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



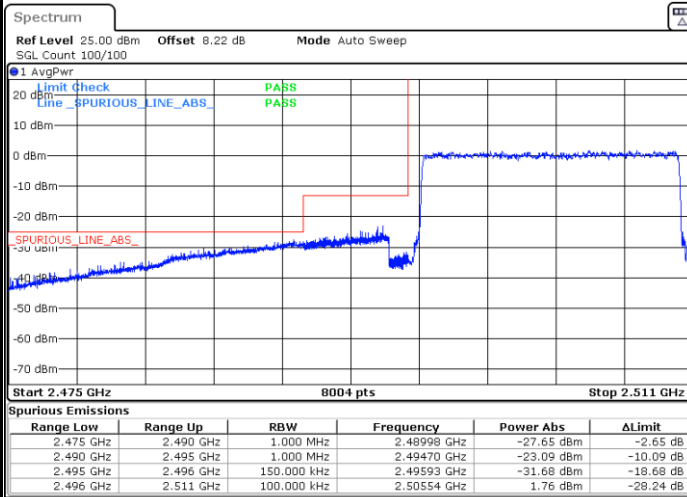
Date: 10.OCT.2022 14:42:56

Highest Band Edge / 1 RB



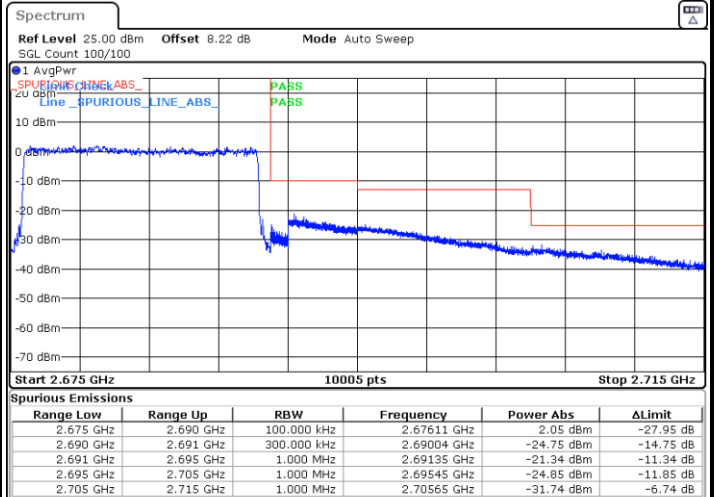
Date: 10.OCT.2022 14:53:57

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:47:06

Highest Band Edge / Full RB

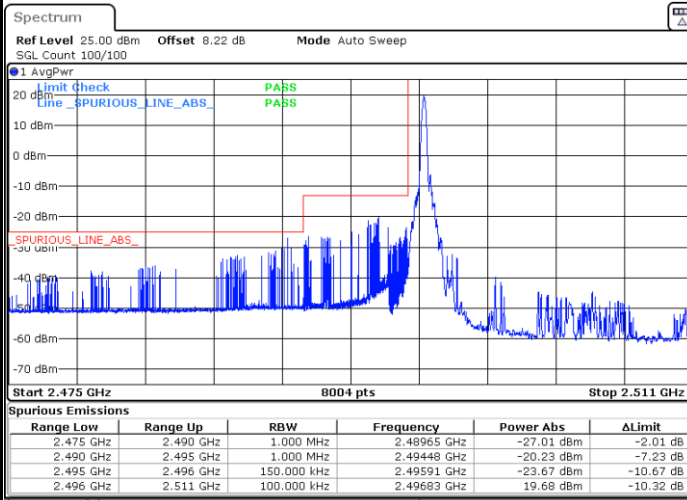


Date: 10.OCT.2022 14:58:01



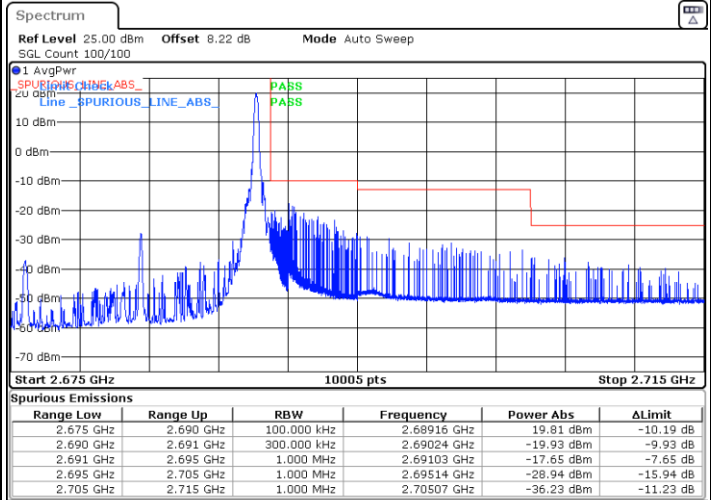
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



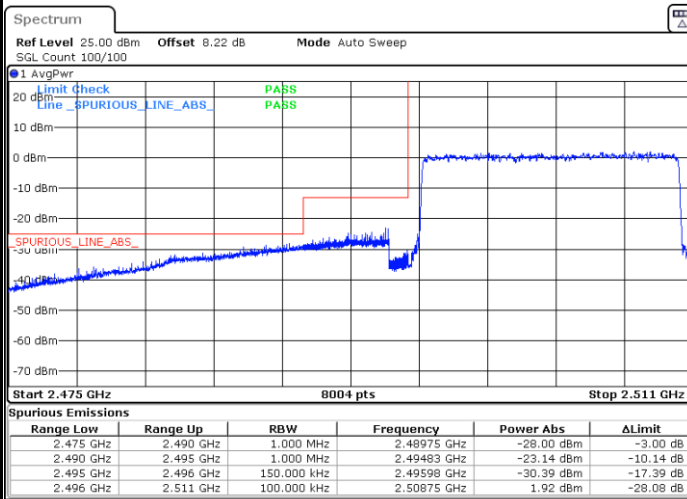
Date: 10.OCT.2022 14:44:19

Highest Band Edge / 1 RB



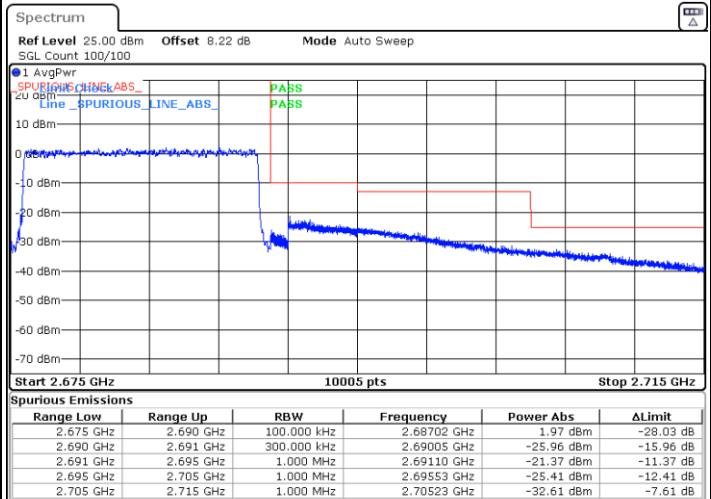
Date: 10.OCT.2022 14:55:18

Lowest Band Edge / Full RB



Date: 10.OCT.2022 14:45:43

Highest Band Edge / Full RB

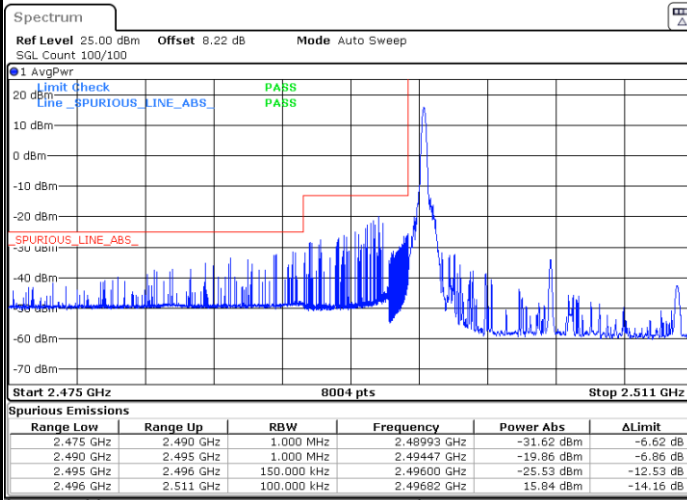


Date: 10.OCT.2022 14:56:40



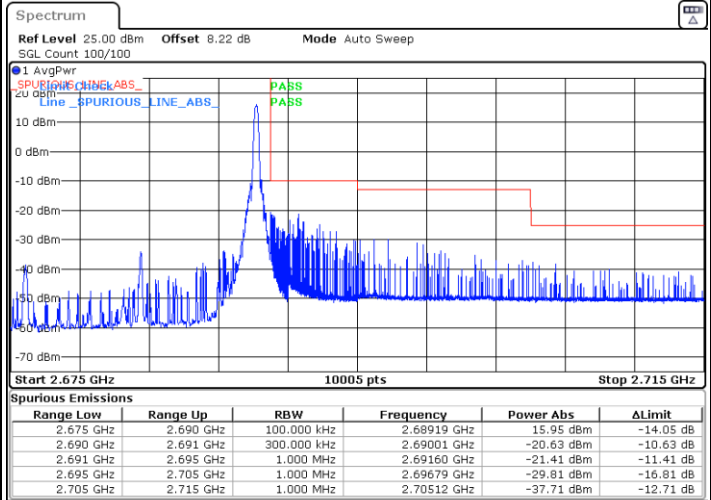
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



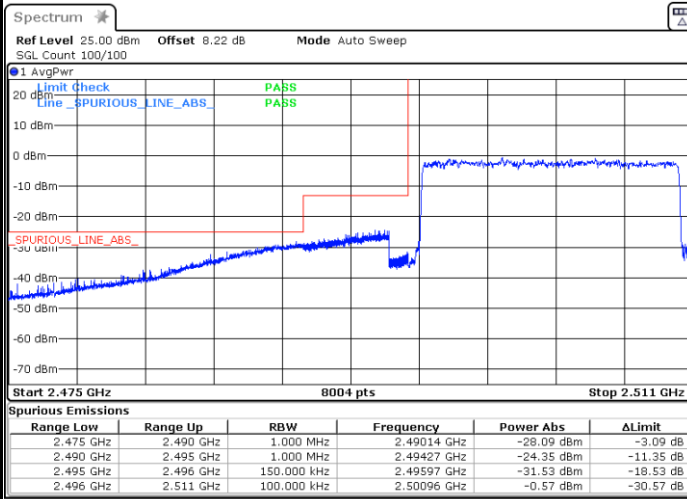
Date: 25.OCT.2022 03:49:03

Highest Band Edge / 1 RB



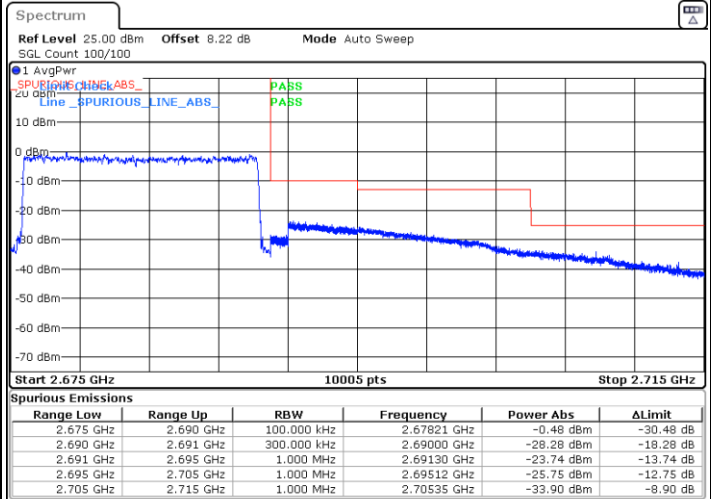
Date: 25.OCT.2022 03:51:42

Lowest Band Edge / Full RB



Date: 25.OCT.2022 03:50:14

Highest Band Edge / Full RB

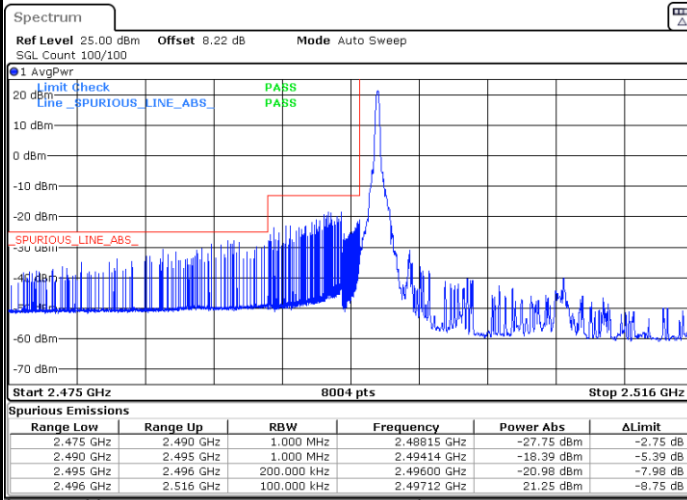


Date: 25.OCT.2022 03:52:56



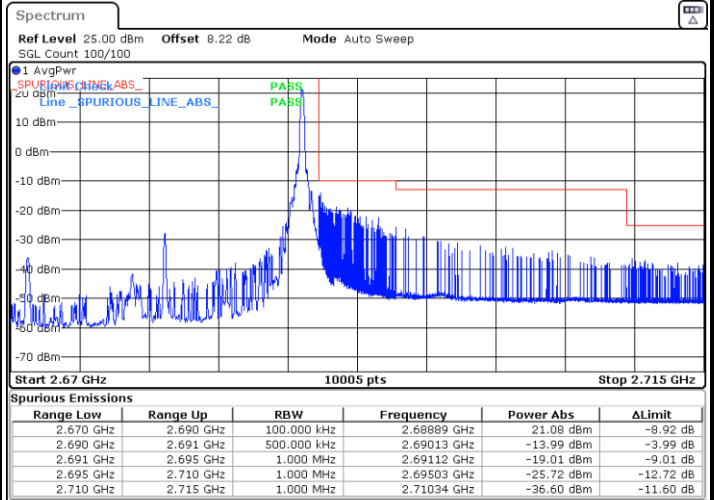
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



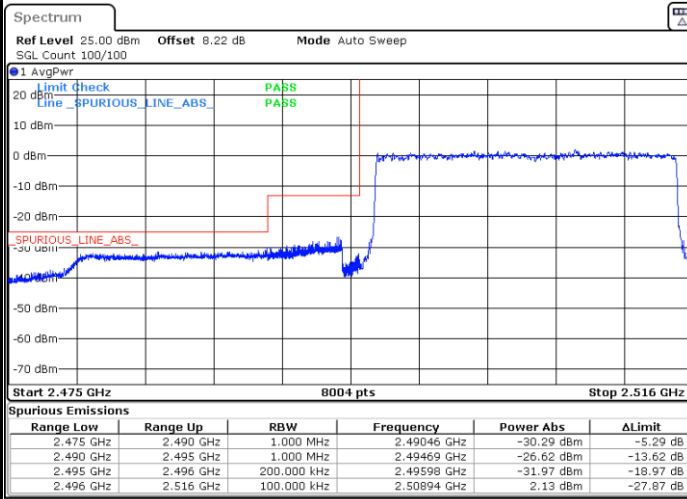
Date: 10.OCT.2022 15:02:09

Highest Band Edge / 1 RB



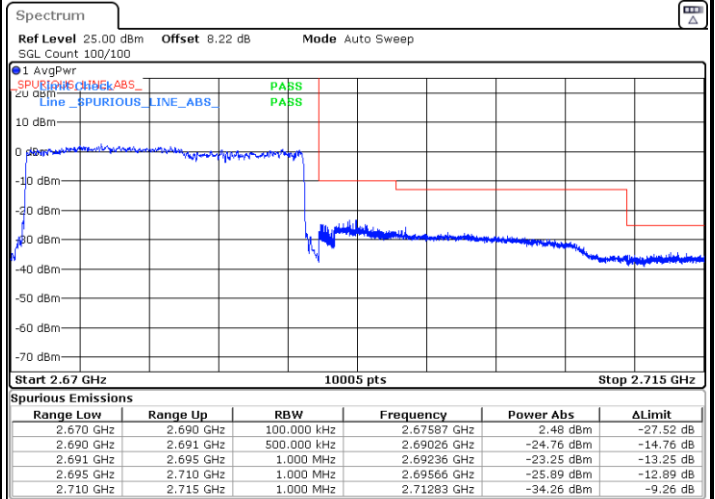
Date: 10.OCT.2022 15:13:13

Lowest Band Edge / Full RB



Date: 10.OCT.2022 15:09:07

Highest Band Edge / Full RB

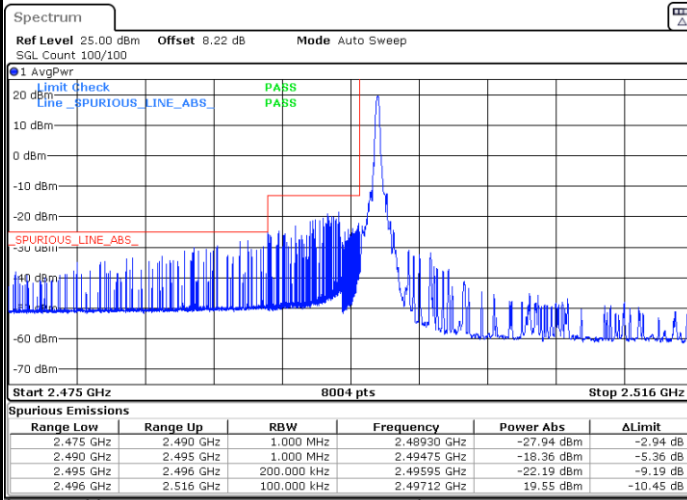


Date: 10.OCT.2022 15:15:59



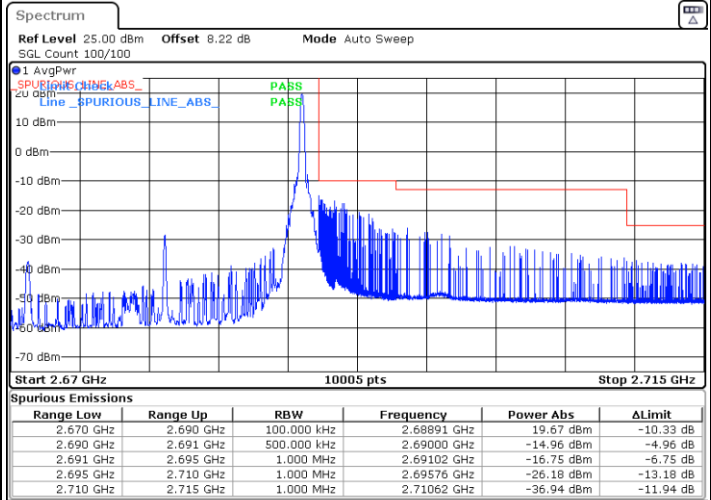
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



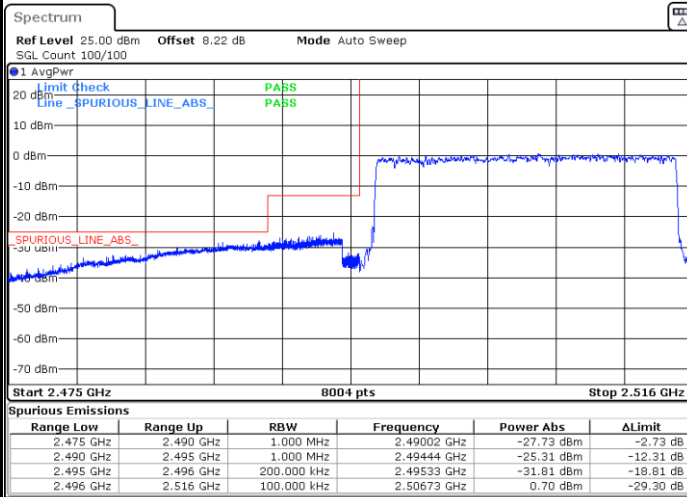
Date: 10.OCT.2022 15:03:33

Highest Band Edge / 1 RB



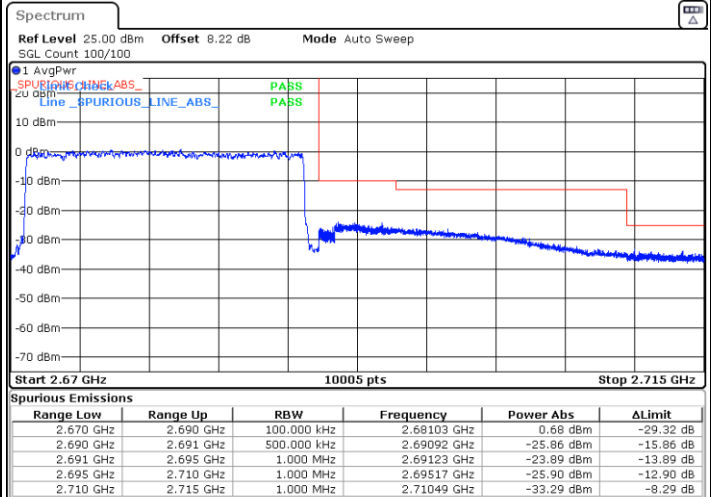
Date: 10.OCT.2022 15:14:34

Lowest Band Edge / Full RB



Date: 10.OCT.2022 15:07:43

Highest Band Edge / Full RB

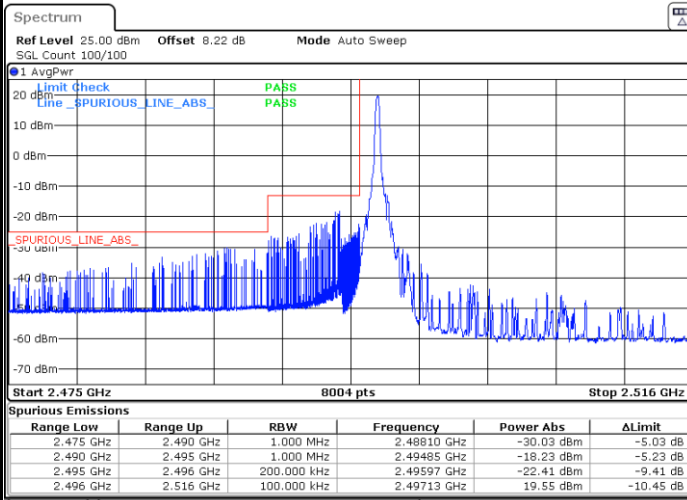


Date: 10.OCT.2022 15:18:38



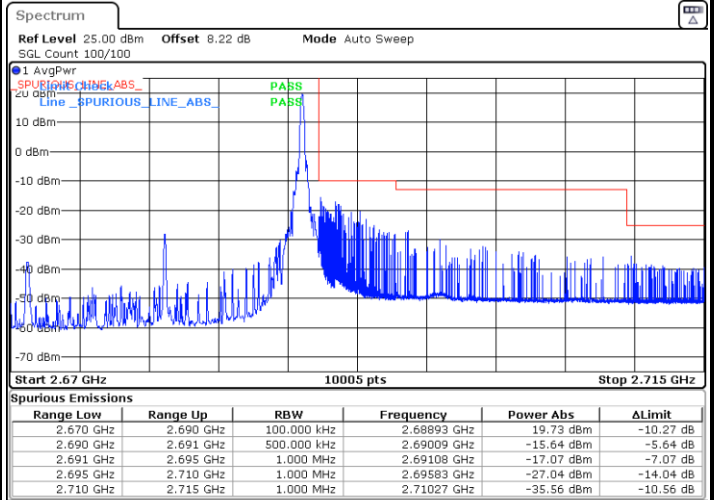
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



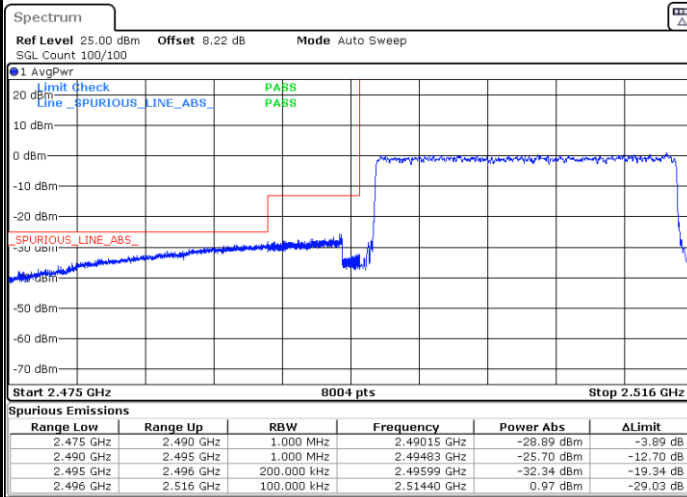
Date: 10.OCT.2022 15:56:33

Highest Band Edge / 1 RB



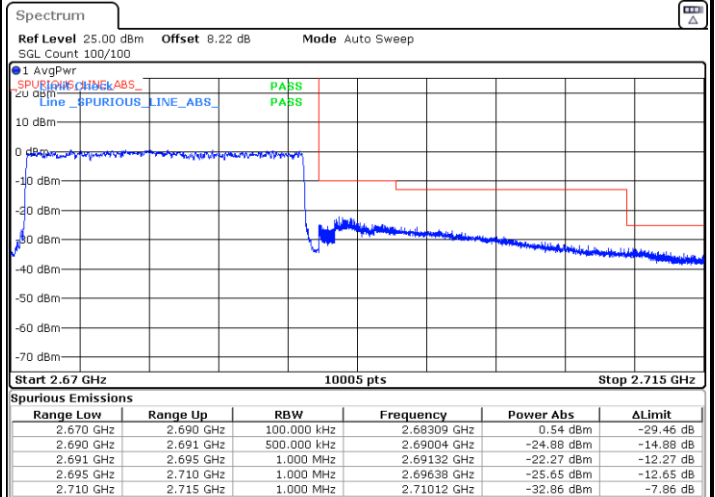
Date: 10.OCT.2022 15:15:55

Lowest Band Edge / Full RB



Date: 10.OCT.2022 15:06:20

Highest Band Edge / Full RB



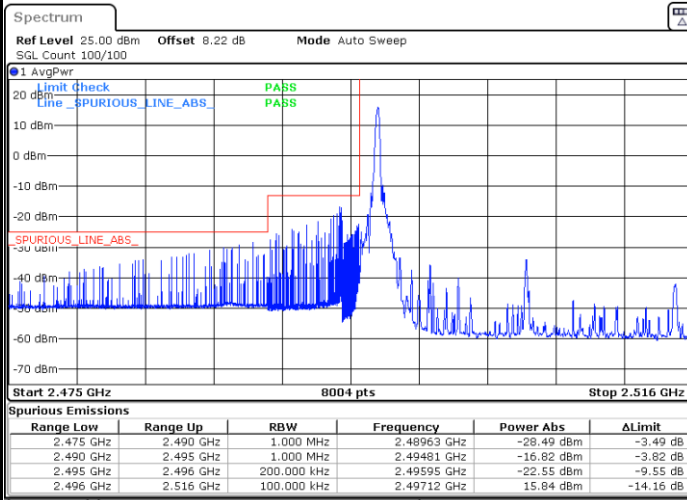
Date: 10.OCT.2022 15:17:17





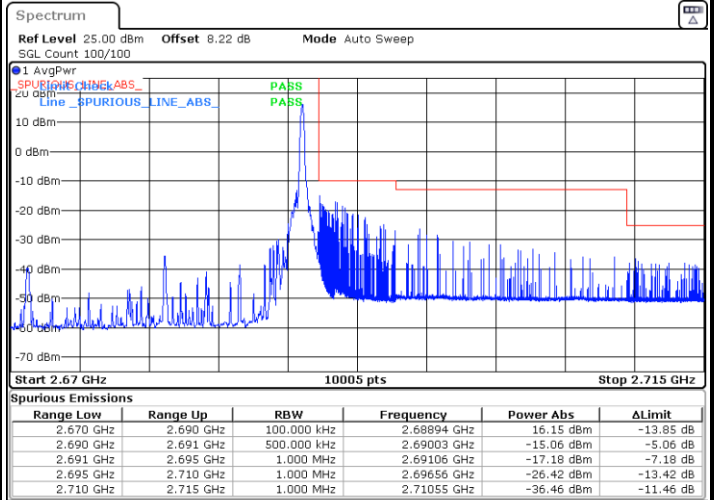
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



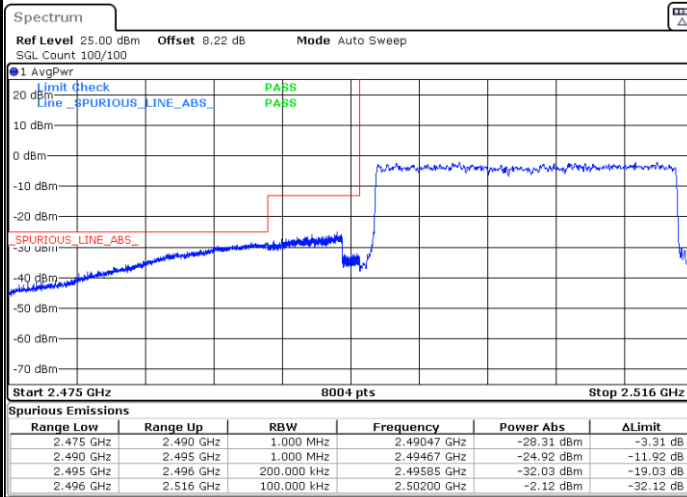
Date: 25.OCT.2022 03:54:37

Highest Band Edge / 1 RB



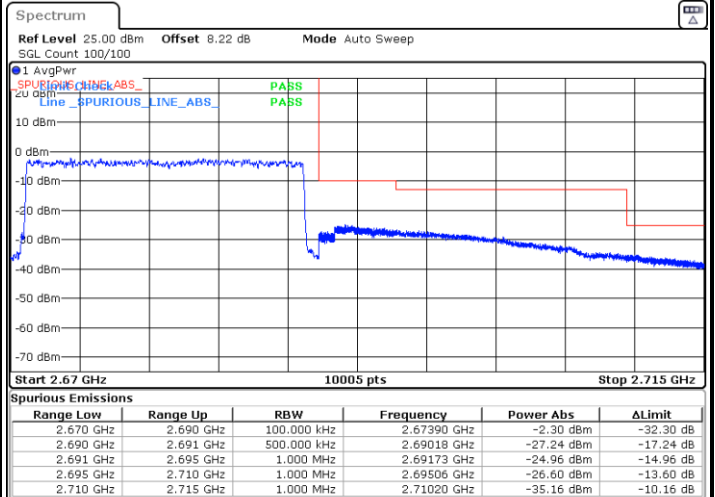
Date: 25.OCT.2022 03:57:23

Lowest Band Edge / Full RB



Date: 25.OCT.2022 03:55:50

Highest Band Edge / Full RB

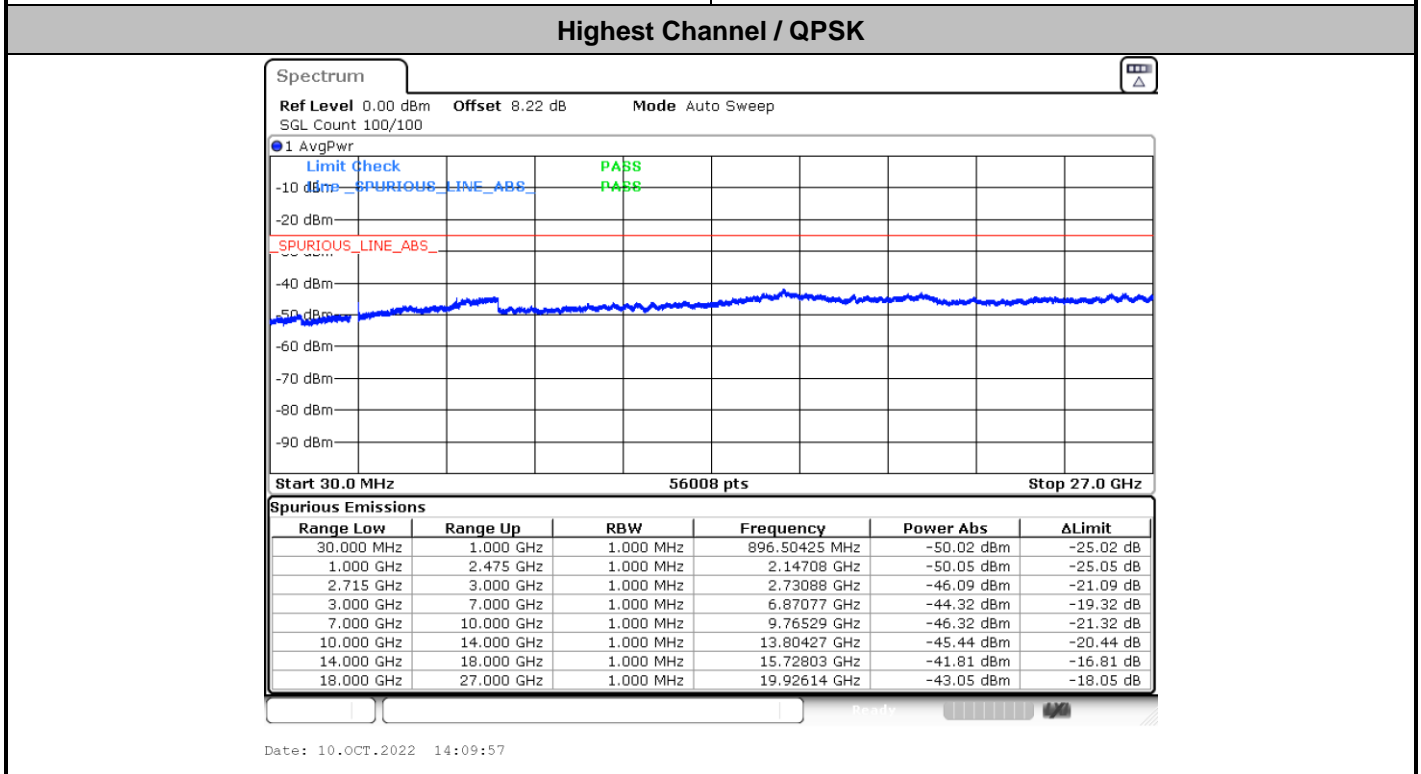
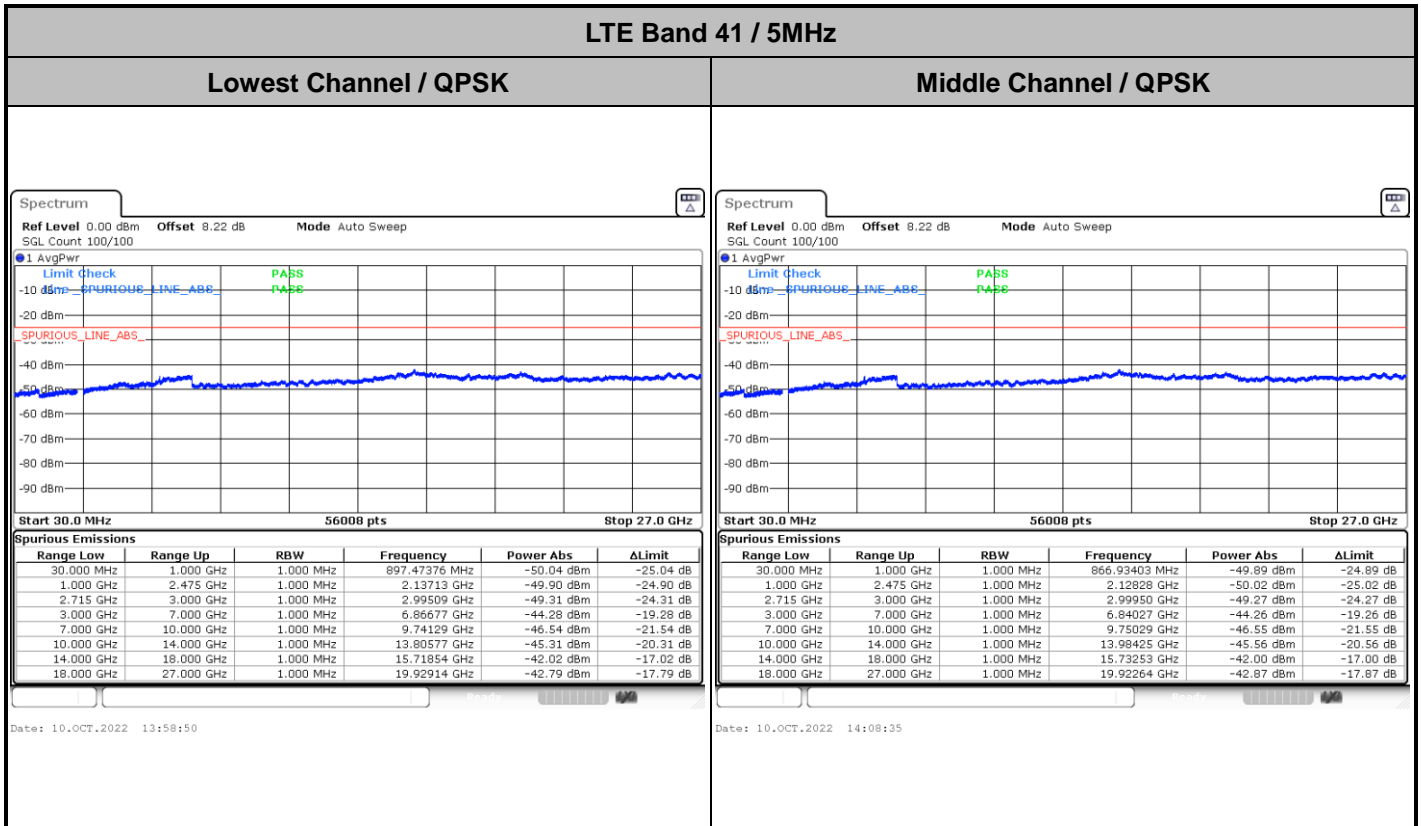


Date: 25.OCT.2022 03:58:37





# Conducted Spurious Emission

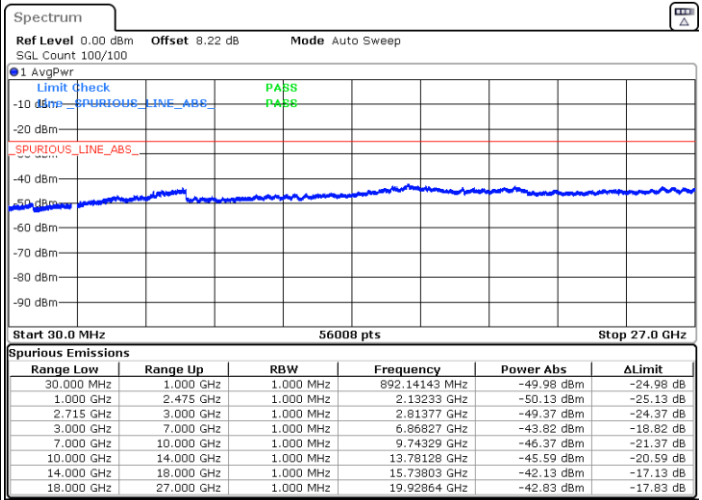
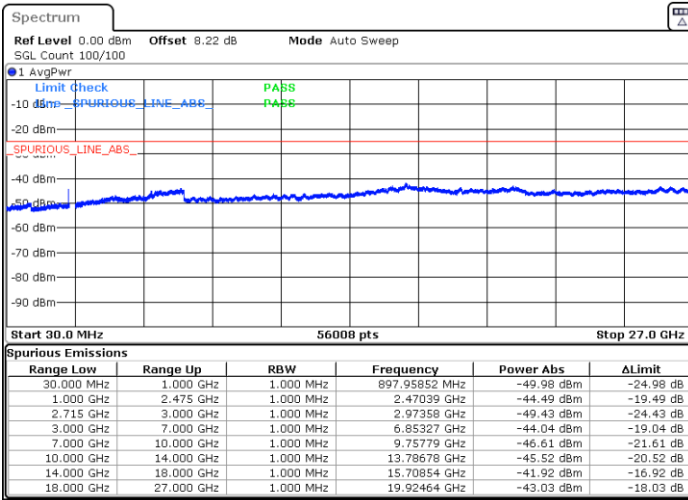




LTE Band 41 / 10MHz

Lowest Channel / QPSK

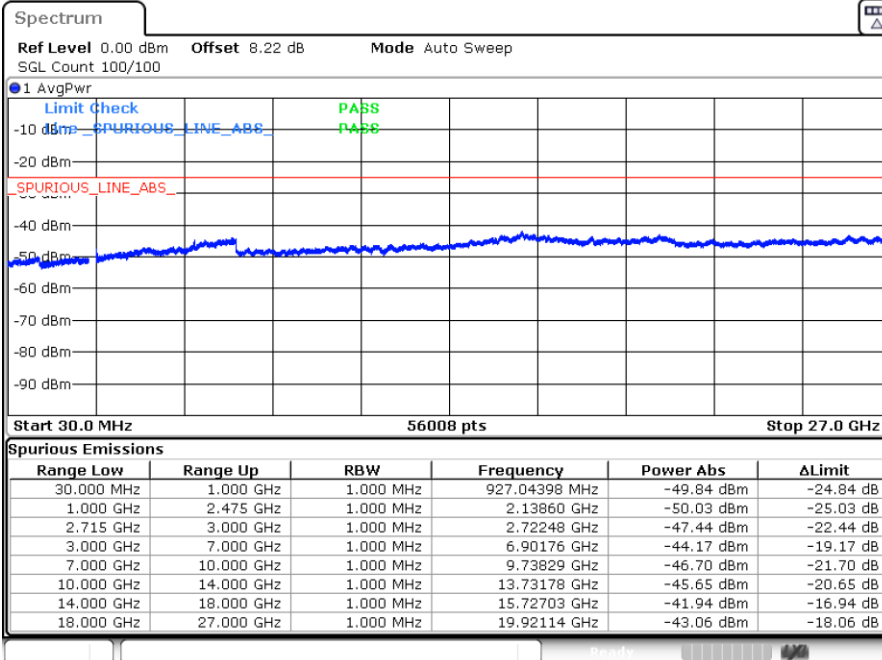
Middle Channel / QPSK



Date: 10.OCT.2022 14:19:30

Date: 10.OCT.2022 14:29:15

Highest Channel / QPSK



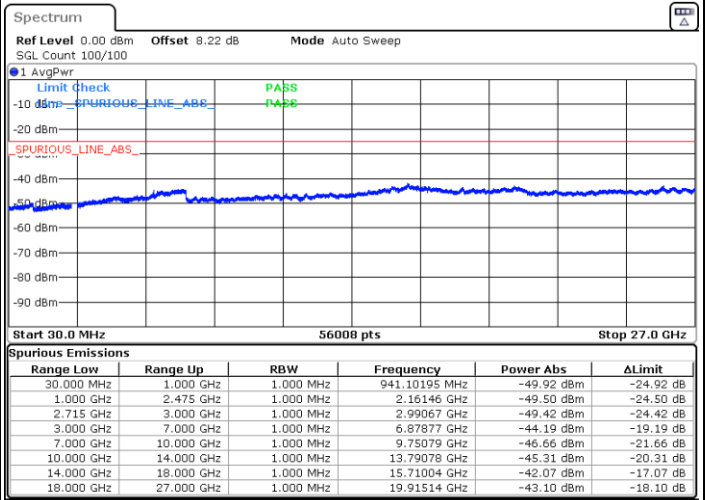
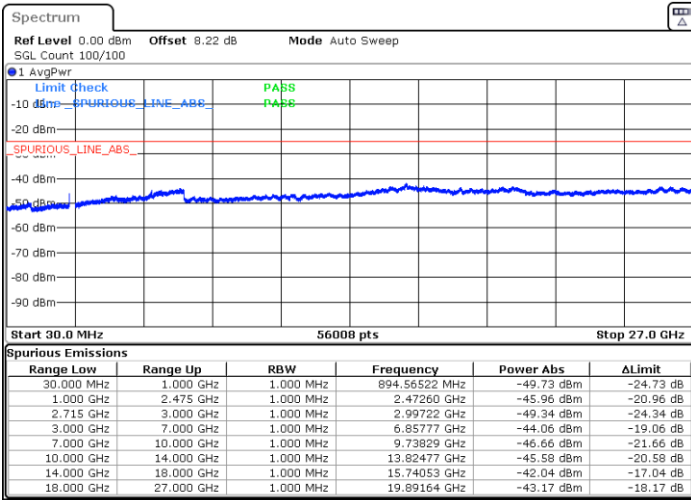
Date: 10.OCT.2022 14:30:37



LTE Band 41 / 15MHz

Lowest Channel / QPSK

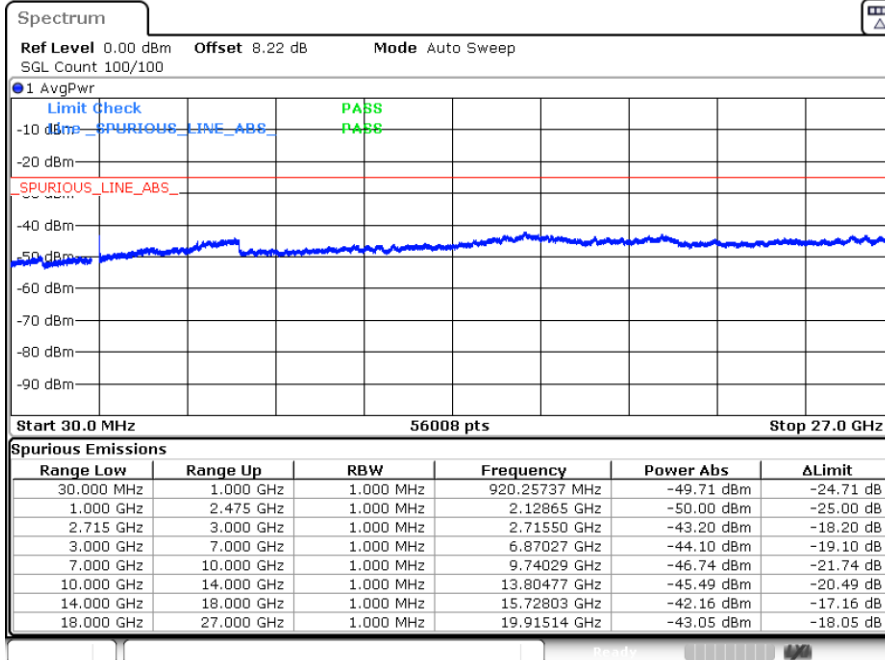
Middle Channel / QPSK



Date: 10.OCT.2022 14:40:08

Date: 10.OCT.2022 14:49:52

Highest Channel / QPSK



Date: 10.OCT.2022 14:51:14