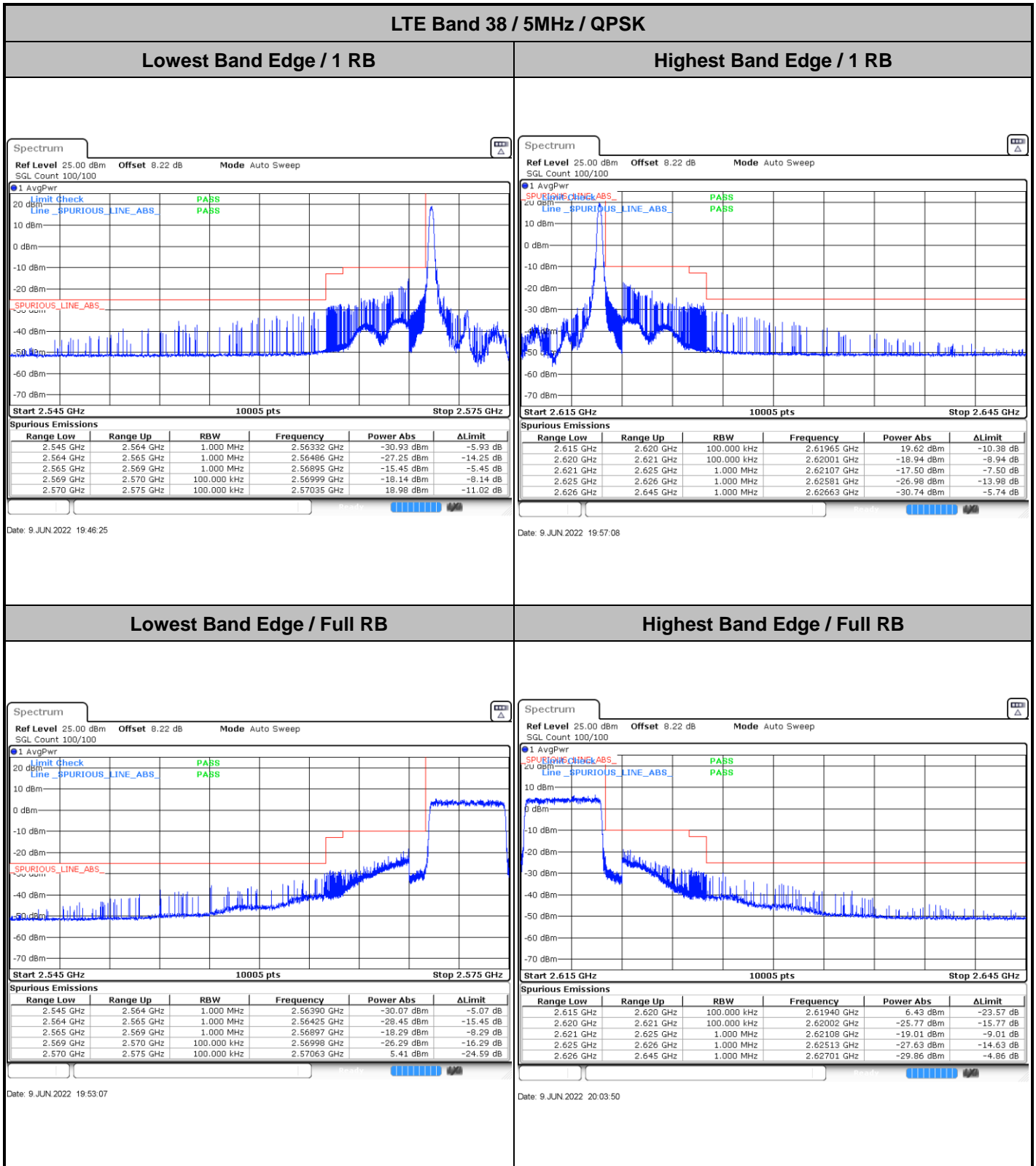




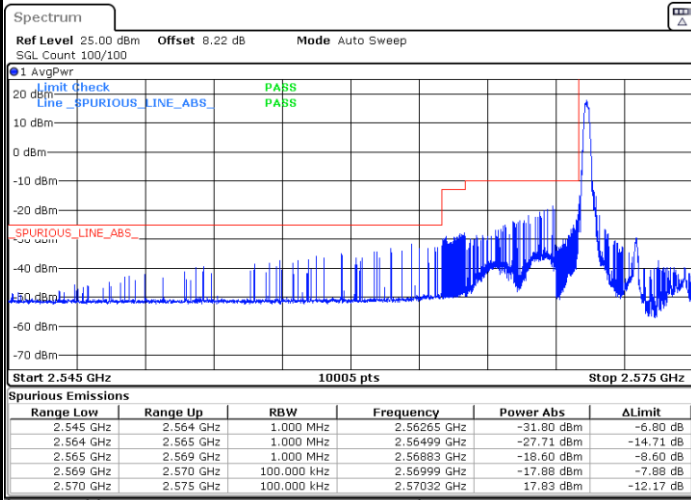
Conducted Band Edge





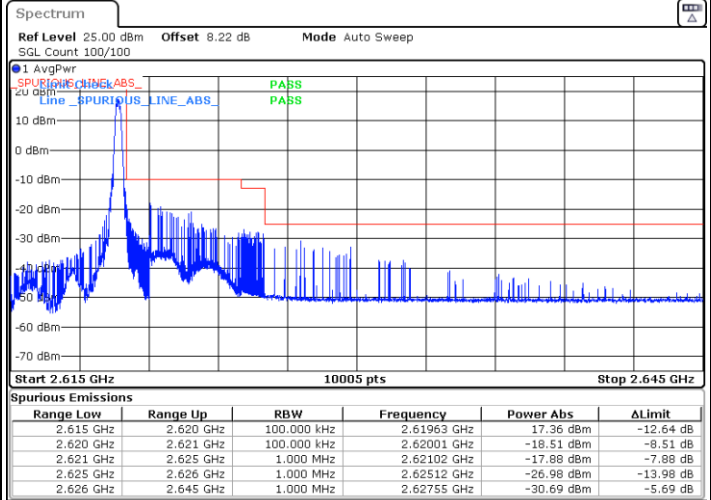
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



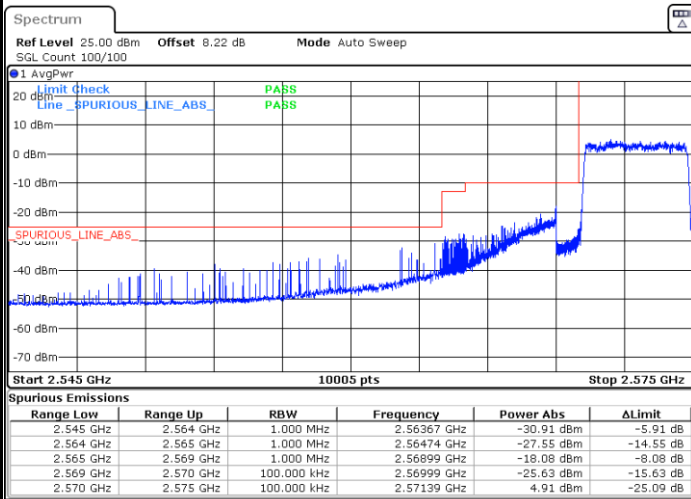
Date: 9 JUN 2022 19:47:46

Highest Band Edge / 1 RB



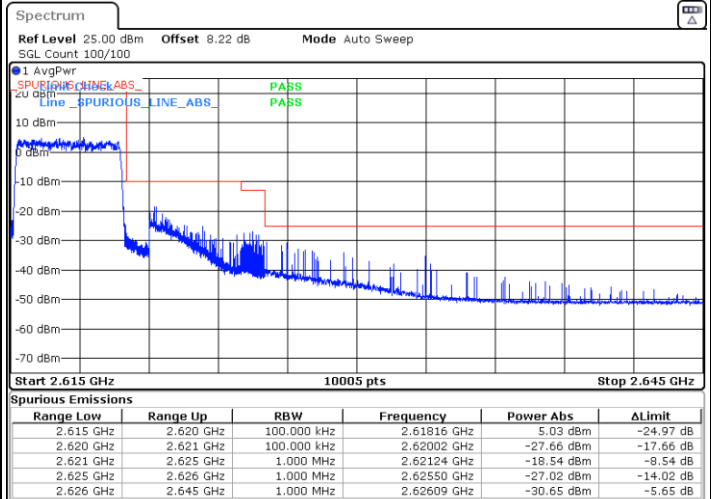
Date: 9 JUN 2022 19:58:28

Lowest Band Edge / Full RB



Date: 9 JUN 2022 19:51:47

Highest Band Edge / Full RB

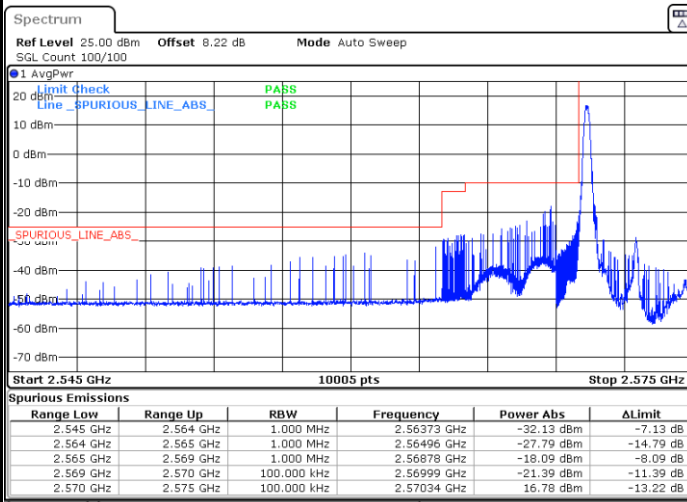


Date: 9 JUN 2022 20:02:29



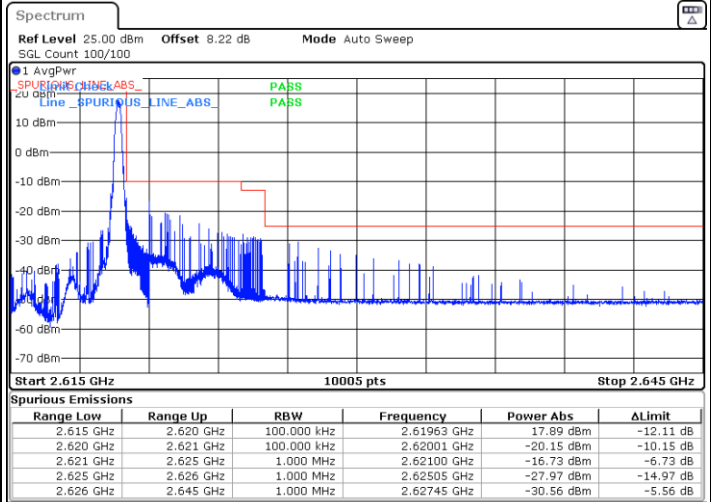
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



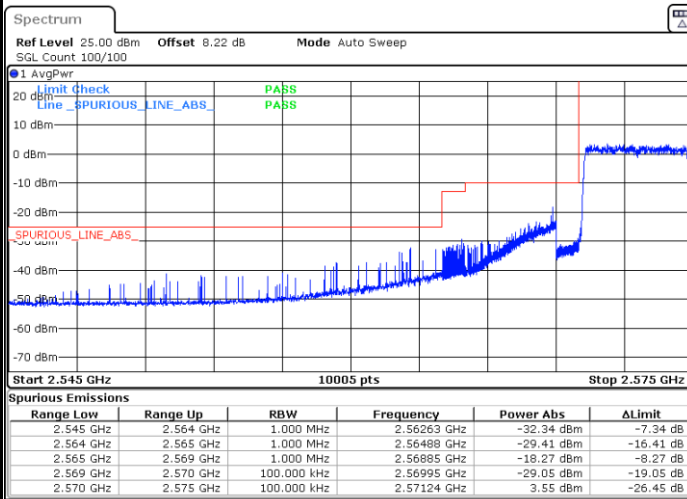
Date: 9 JUN 2022 19:49:06

Highest Band Edge / 1 RB



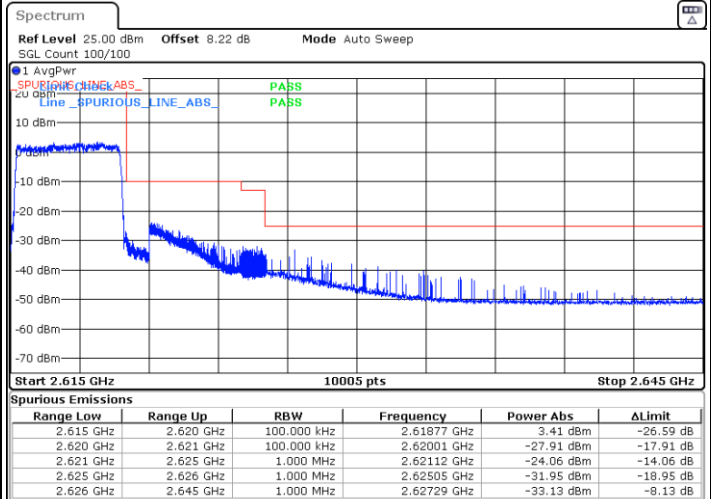
Date: 9 JUN 2022 19:59:49

Lowest Band Edge / Full RB



Date: 9 JUN 2022 19:50:26

Highest Band Edge / Full RB



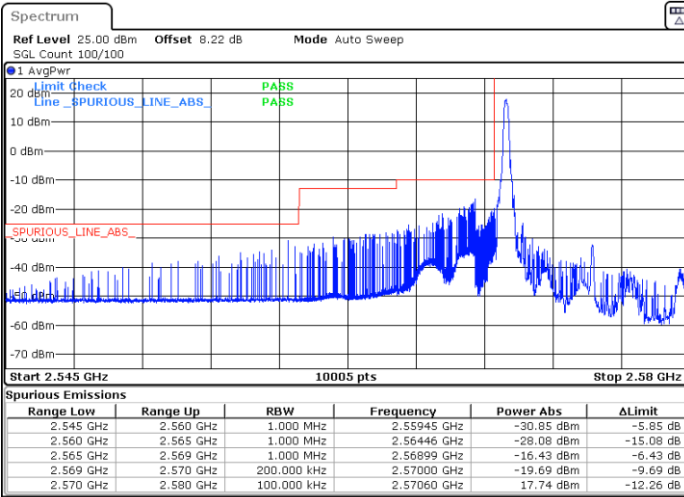
Date: 9 JUN 2022 20:01:09



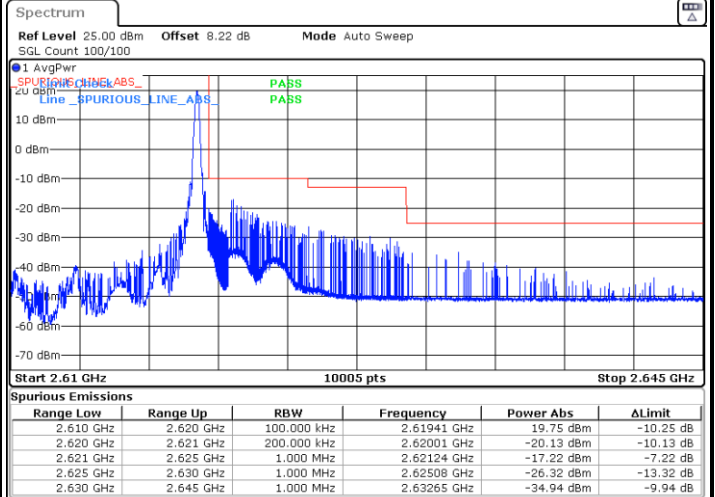
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



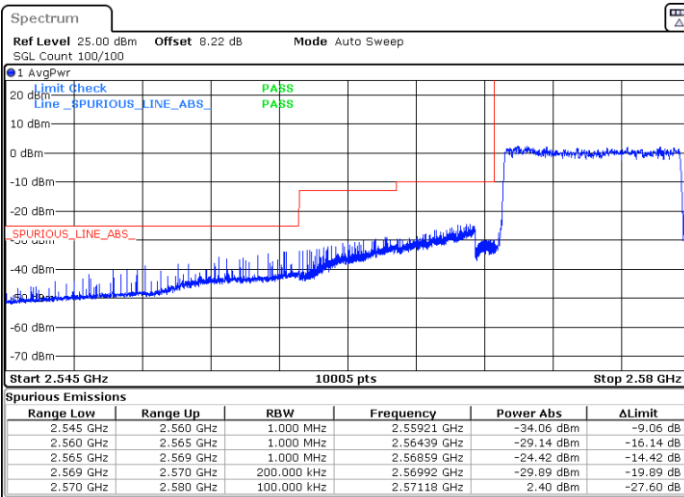
Date: 9 JUN 2022 20:06:31



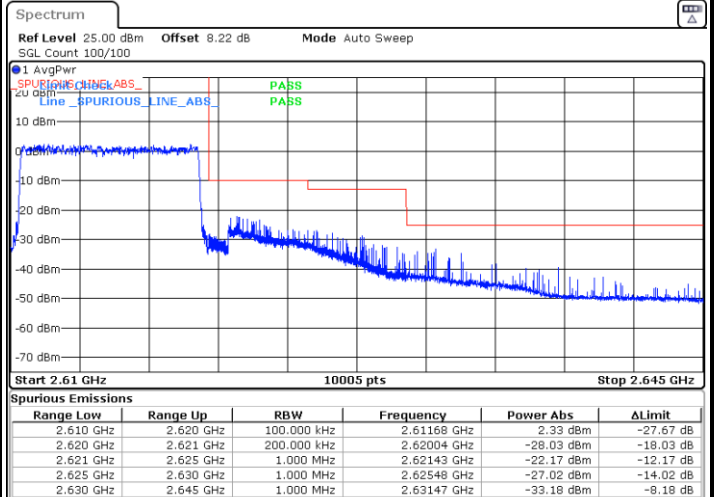
Date: 9 JUN 2022 20:17:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JUN 2022 20:13:13

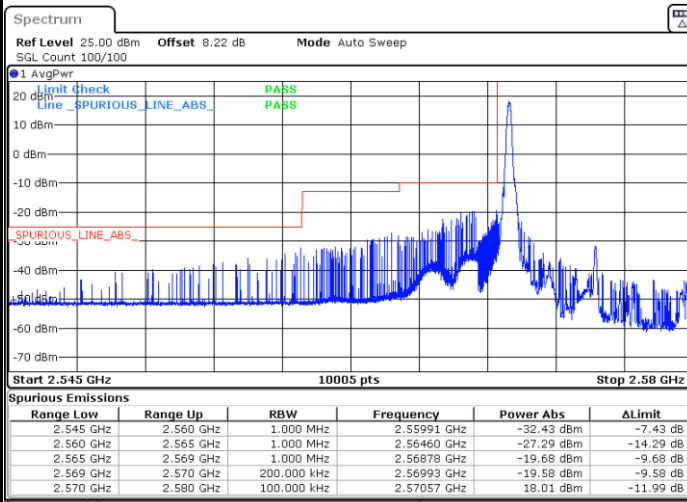


Date: 9 JUN 2022 20:23:56



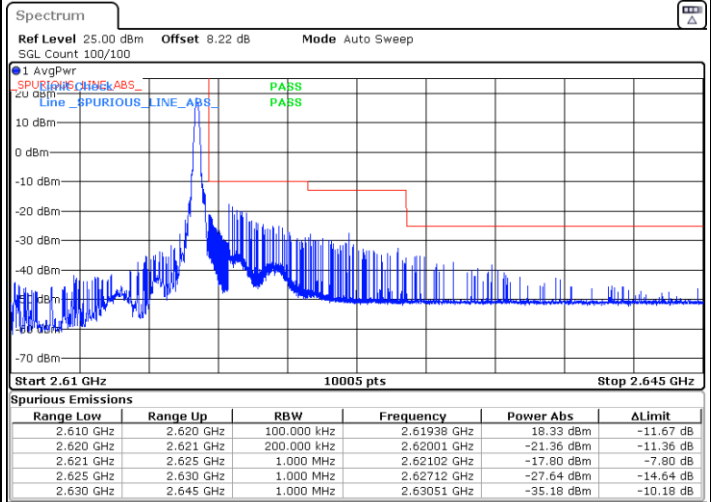
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



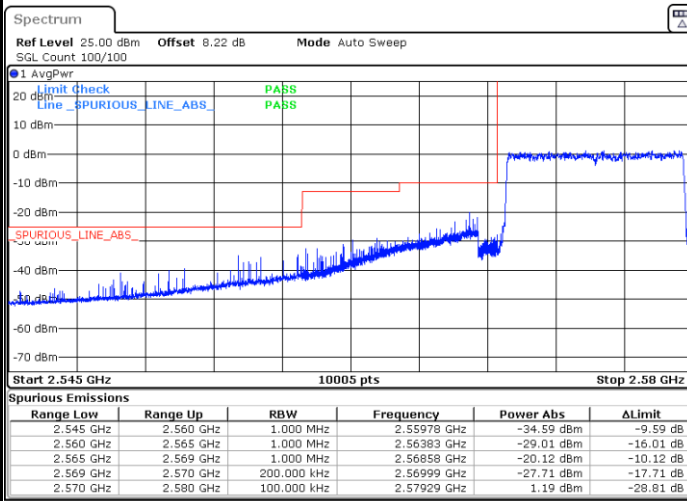
Date: 9 JUN 2022 20:07:52

Highest Band Edge / 1 RB



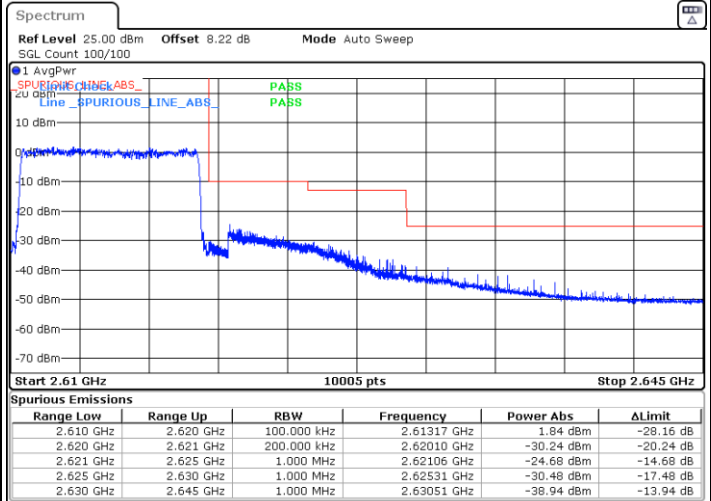
Date: 9 JUN 2022 20:18:35

Lowest Band Edge / Full RB



Date: 9 JUN 2022 20:11:53

Highest Band Edge / Full RB

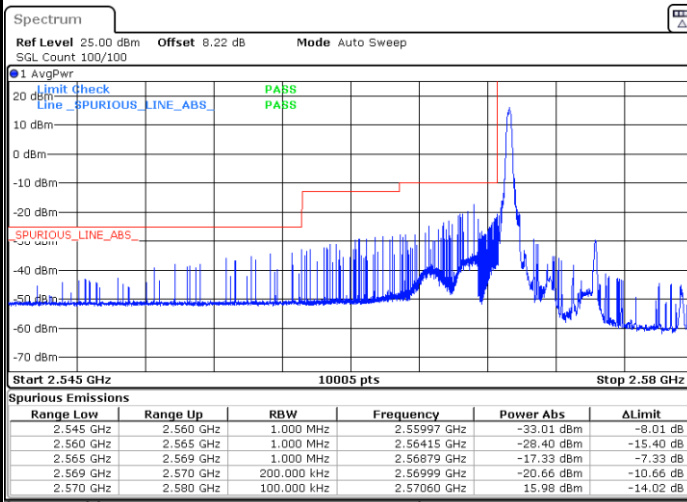


Date: 9 JUN 2022 20:22:36



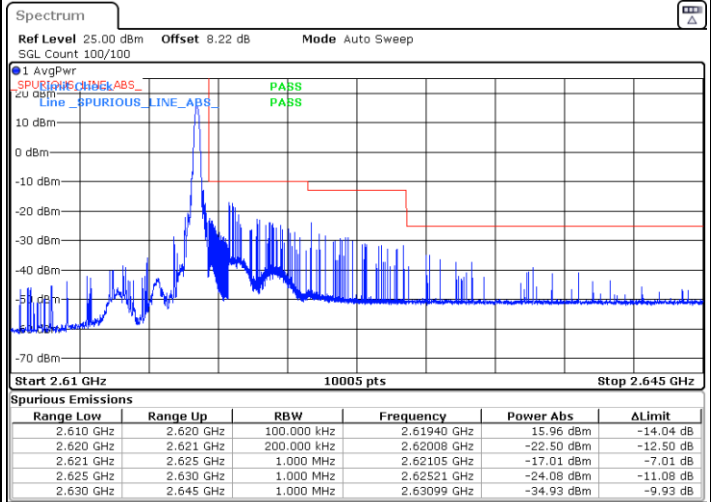
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



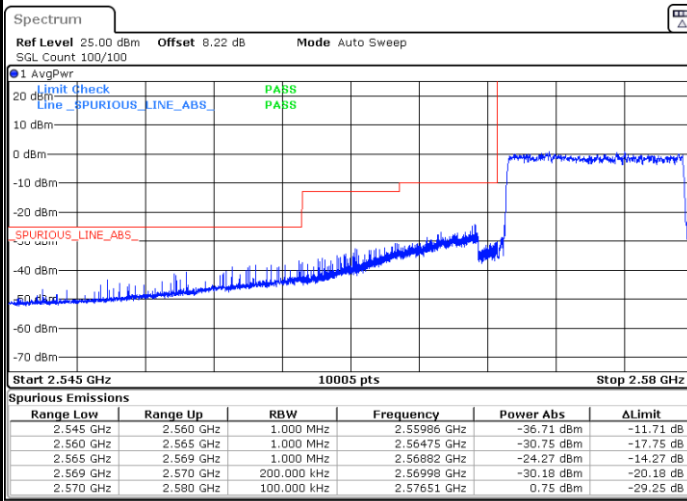
Date: 9 JUN 2022 20:09:12

Highest Band Edge / 1 RB



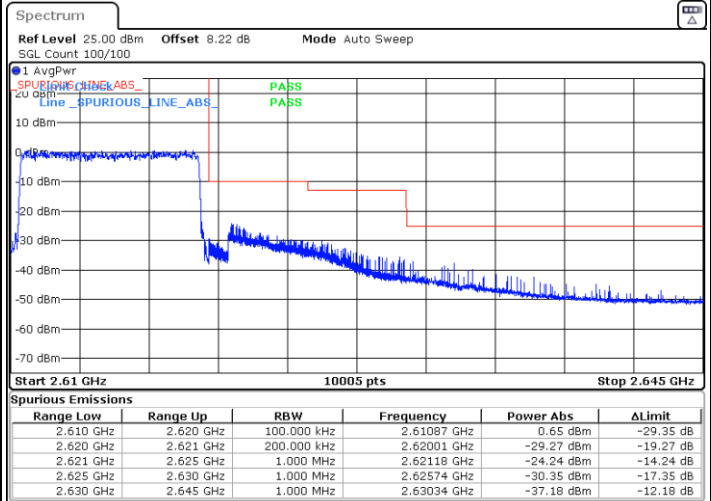
Date: 9 JUN 2022 20:19:55

Lowest Band Edge / Full RB



Date: 9 JUN 2022 20:10:33

Highest Band Edge / Full RB

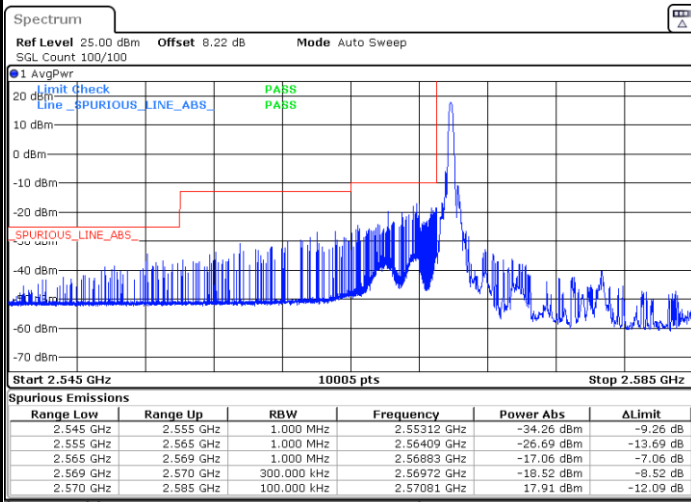


Date: 9 JUN 2022 20:21:15



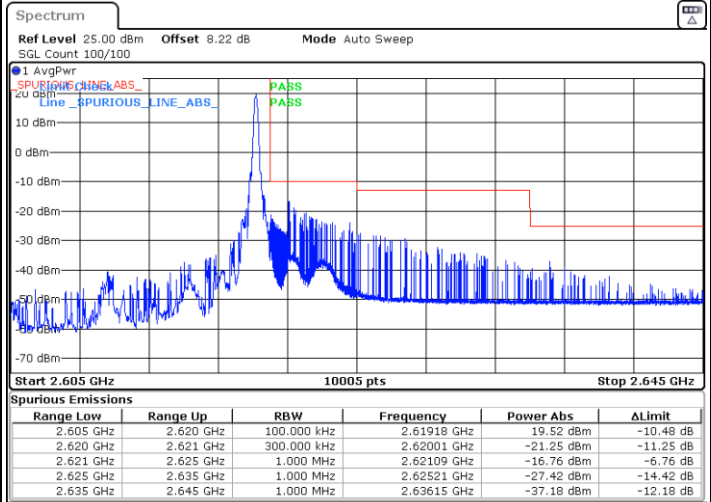
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



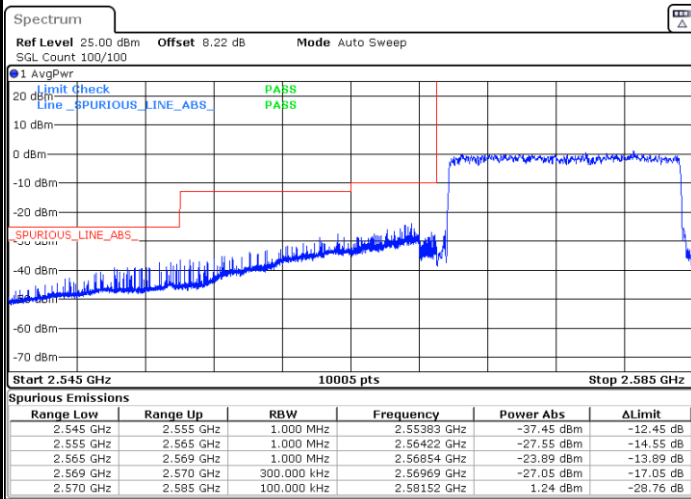
Date: 9 JUN 2022 20:26:38

Highest Band Edge / 1 RB



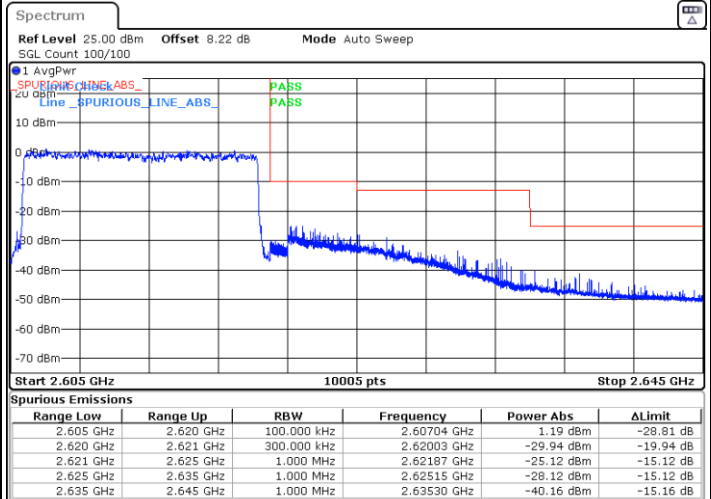
Date: 9 JUN 2022 20:37:21

Lowest Band Edge / Full RB



Date: 9 JUN 2022 20:33:20

Highest Band Edge / Full RB

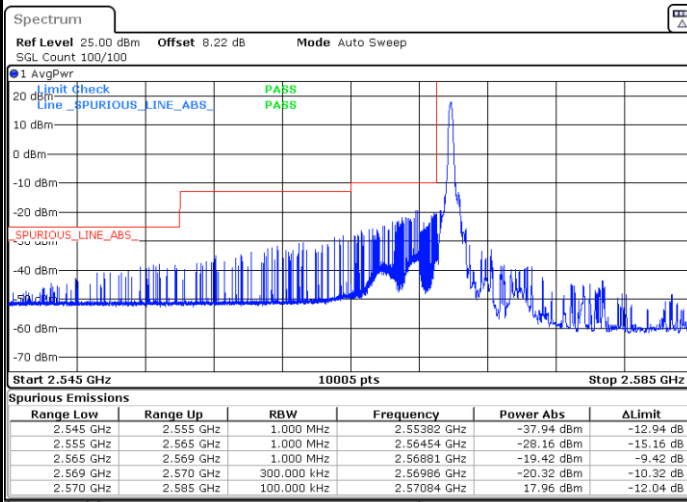


Date: 9 JUN 2022 20:44:02



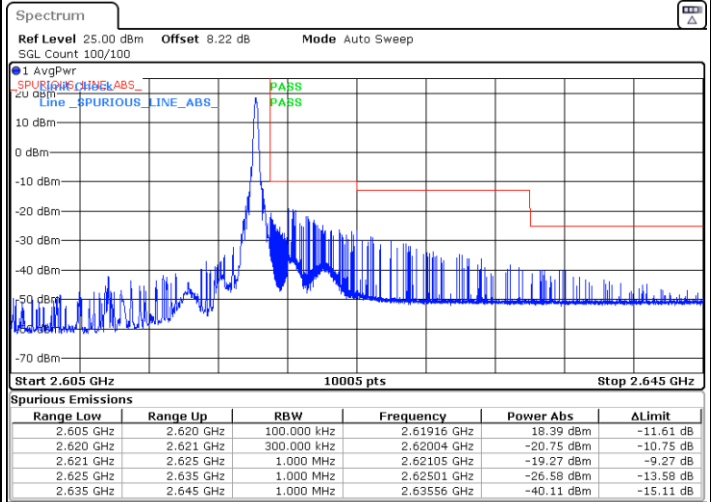
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



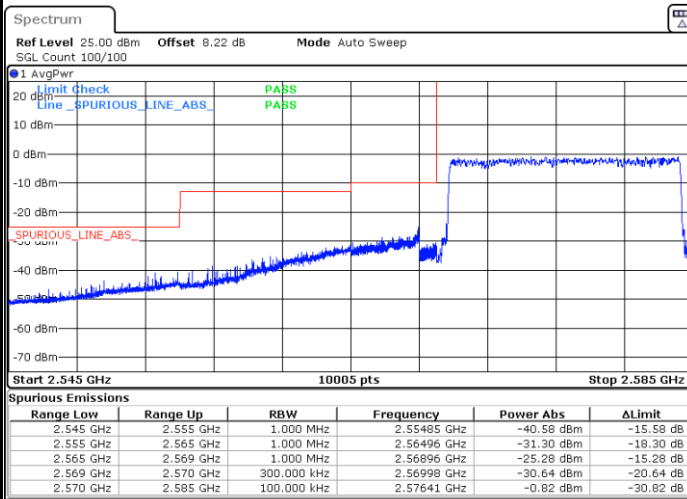
Date: 9 JUN 2022 20:27:58

Highest Band Edge / 1 RB



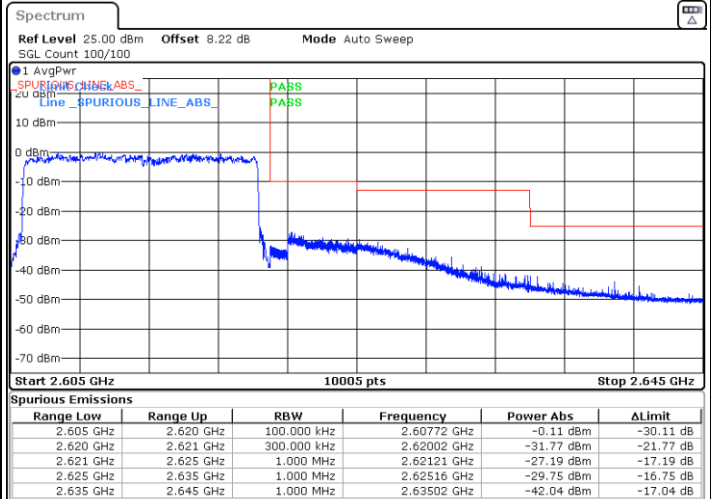
Date: 9 JUN 2022 20:38:41

Lowest Band Edge / Full RB



Date: 9 JUN 2022 20:31:59

Highest Band Edge / Full RB

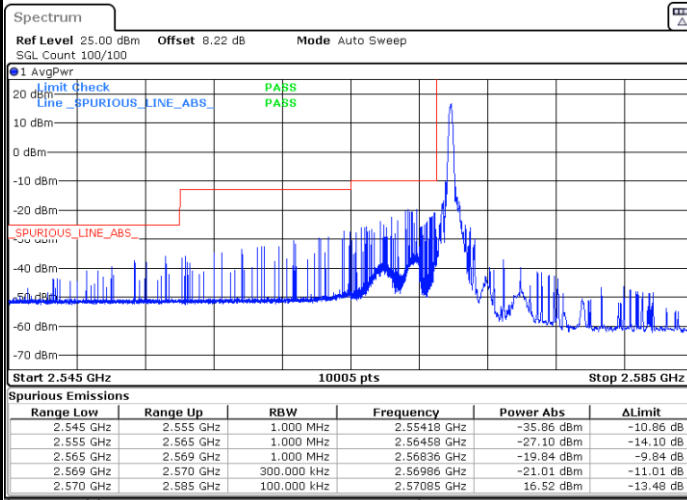


Date: 9 JUN 2022 20:42:42



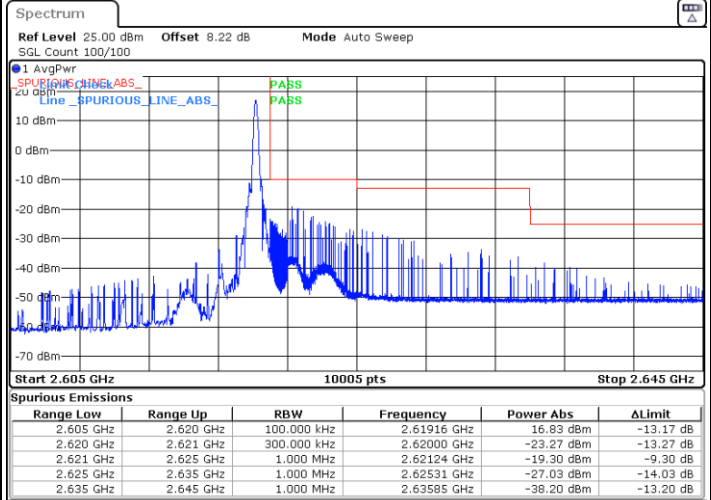
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



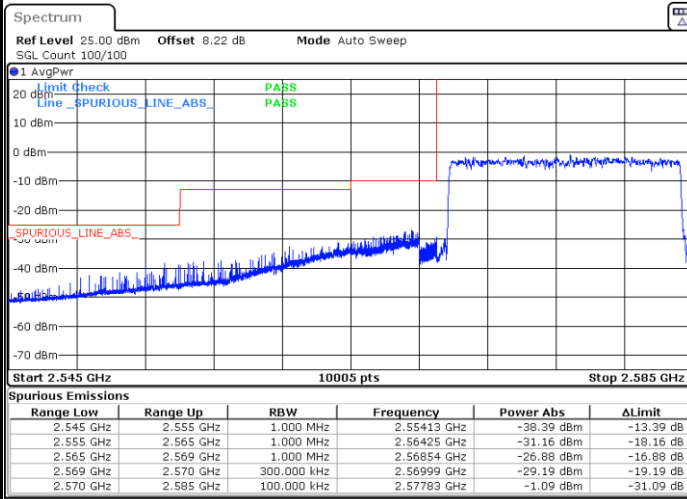
Date: 9 JUN 2022 20:29:18

Highest Band Edge / 1 RB



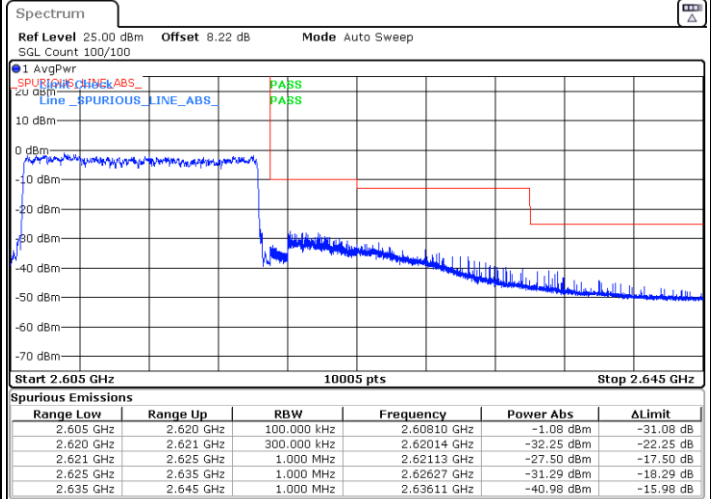
Date: 9 JUN 2022 20:40:01

Lowest Band Edge / Full RB



Date: 9 JUN 2022 20:30:39

Highest Band Edge / Full RB



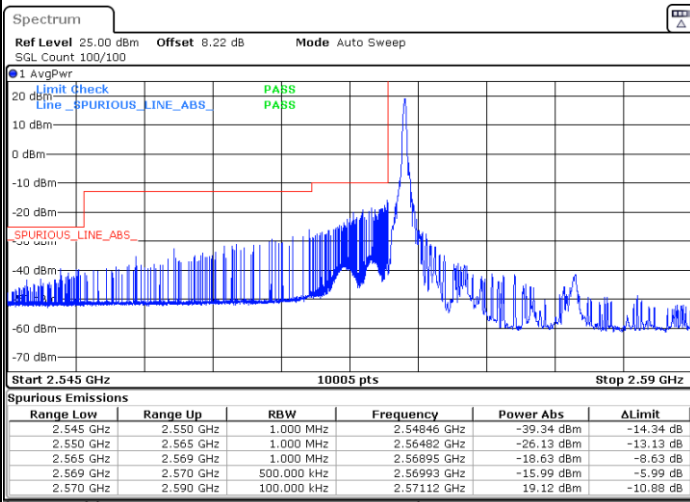
Date: 9 JUN 2022 20:41:22



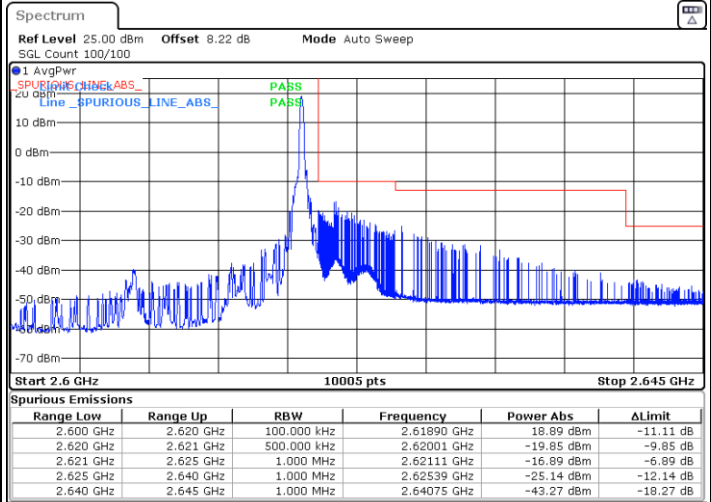
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



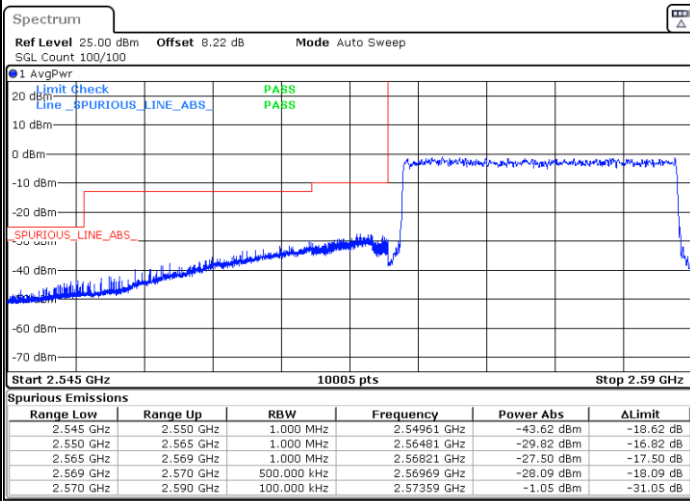
Date: 9 JUN 2022 20:46:44



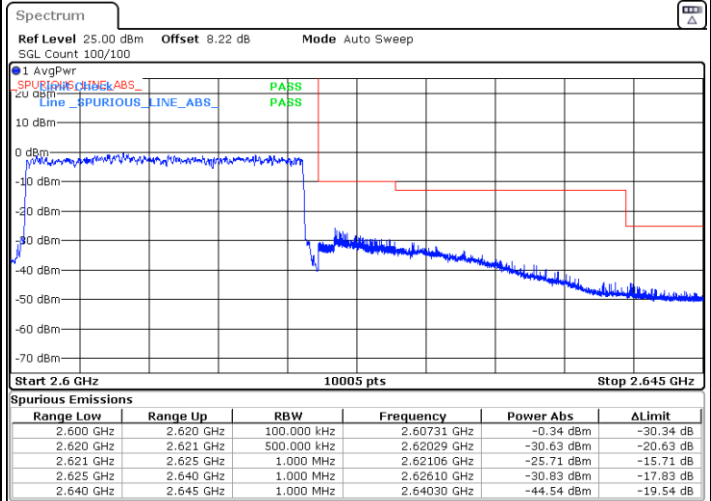
Date: 9 JUN 2022 20:57:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 JUN 2022 20:53:26

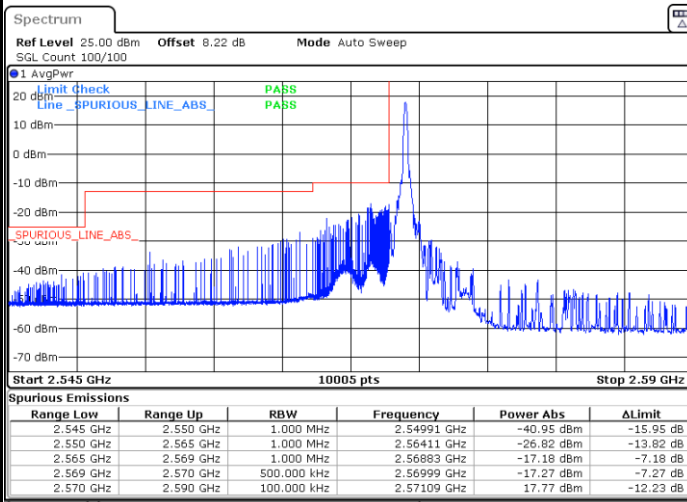


Date: 9 JUN 2022 21:04:09



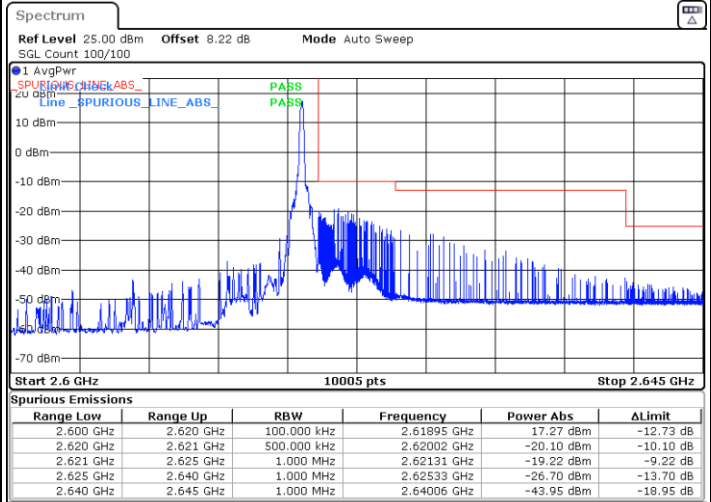
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



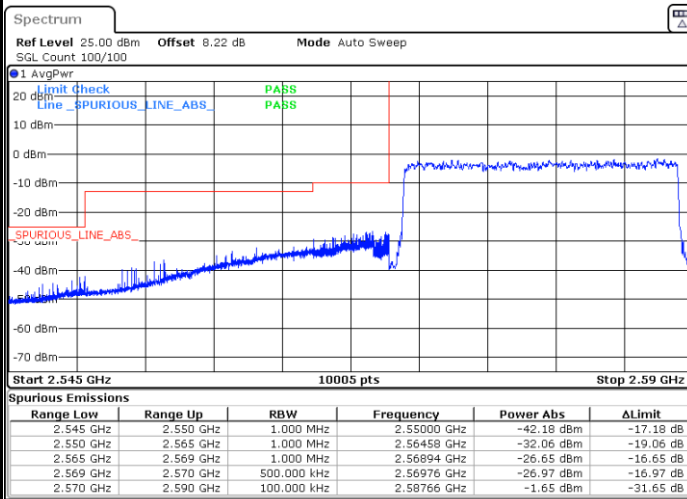
Date: 9 JUN 2022 20:48:04

Highest Band Edge / 1 RB



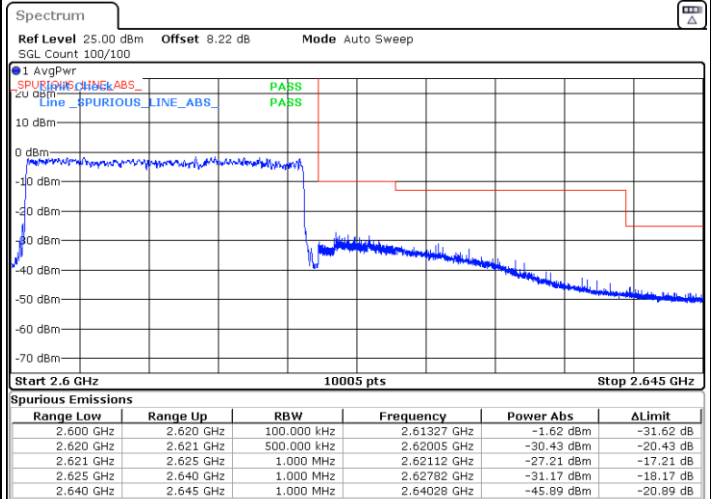
Date: 9 JUN 2022 20:58:47

Lowest Band Edge / Full RB



Date: 9 JUN 2022 20:52:05

Highest Band Edge / Full RB

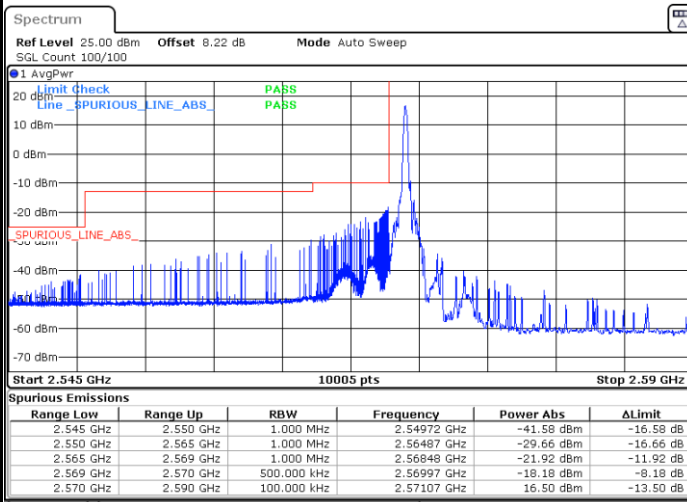


Date: 9 JUN 2022 21:02:49



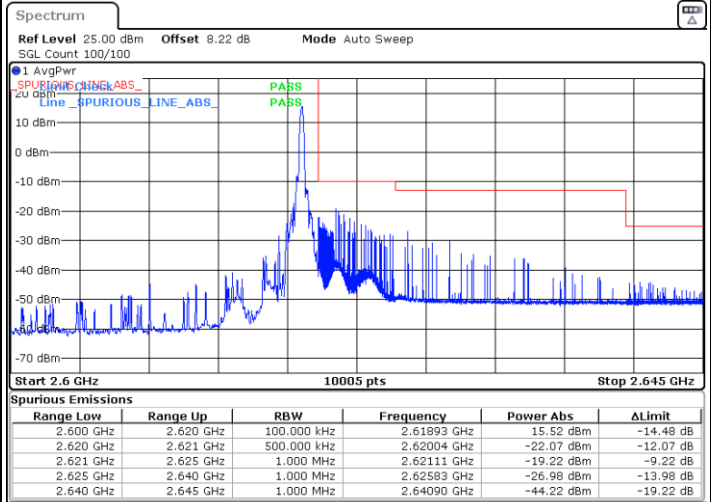
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



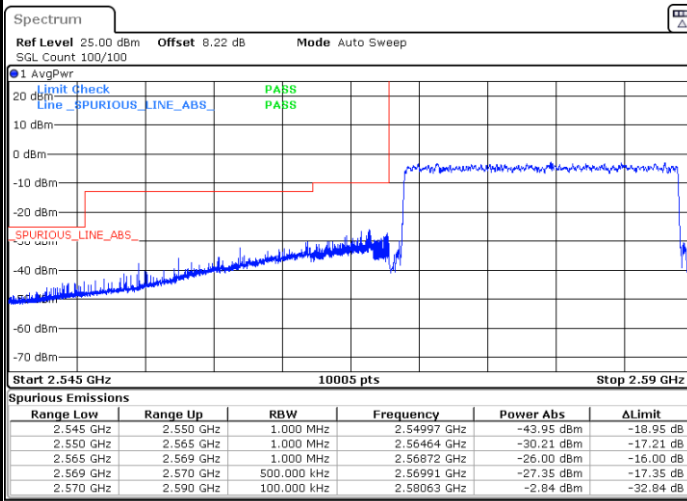
Date: 9 JUN 2022 20:49:25

Highest Band Edge / 1 RB



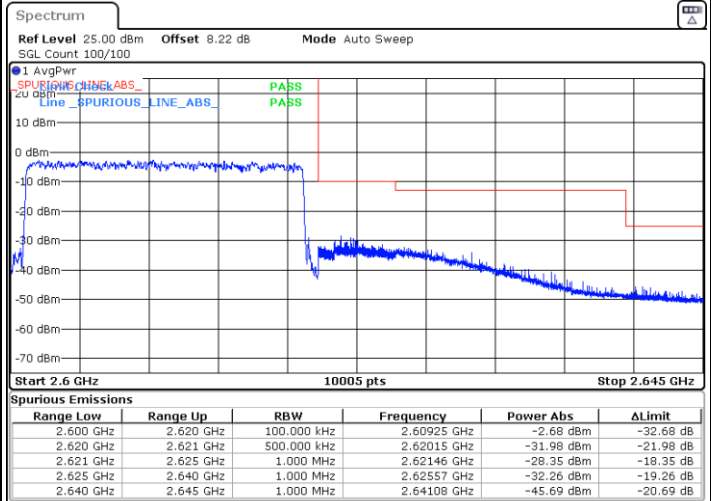
Date: 9 JUN 2022 21:00:08

Lowest Band Edge / Full RB



Date: 9 JUN 2022 20:50:45

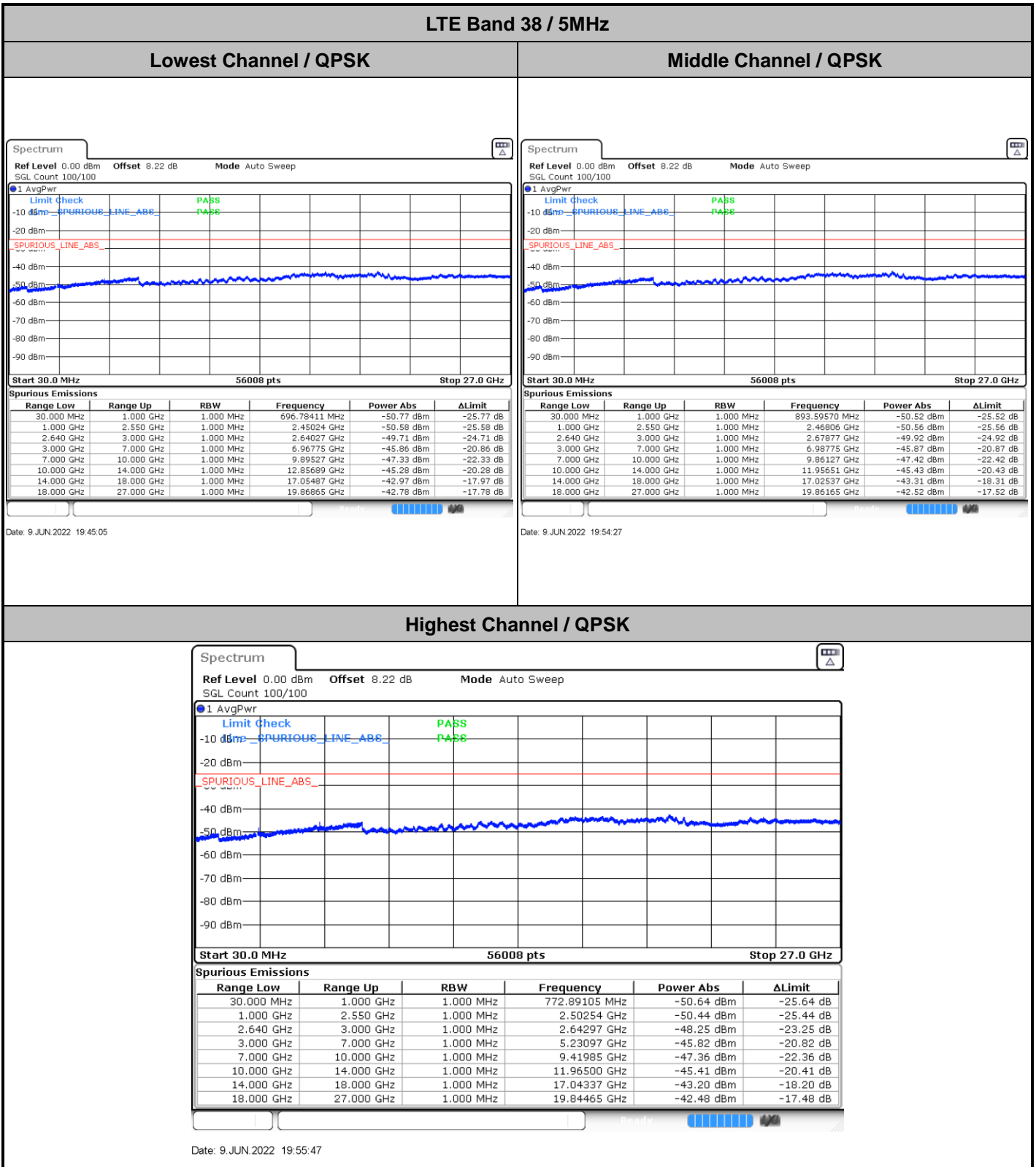
Highest Band Edge / Full RB



Date: 9 JUN 2022 21:01:28



Conducted Spurious Emission

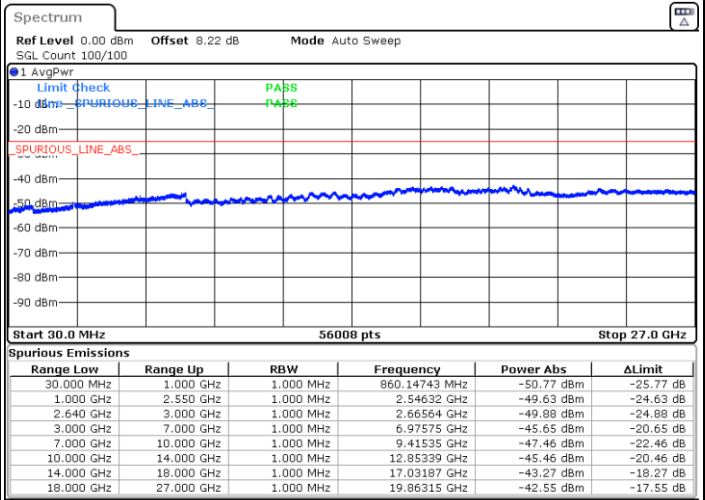
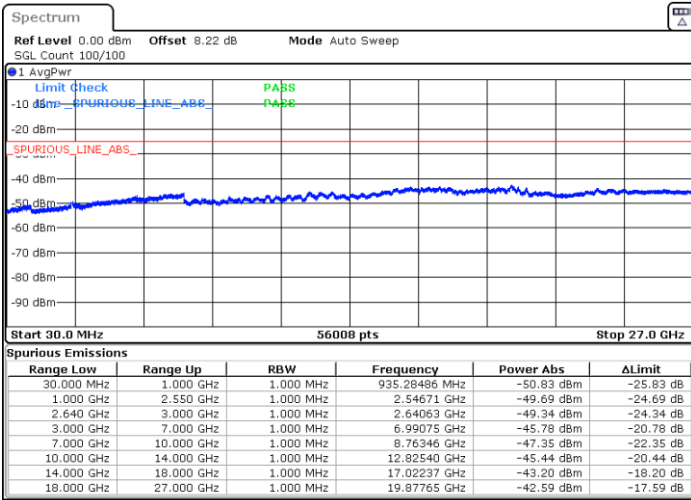




LTE Band 38 / 10MHz

Lowest Channel / QPSK

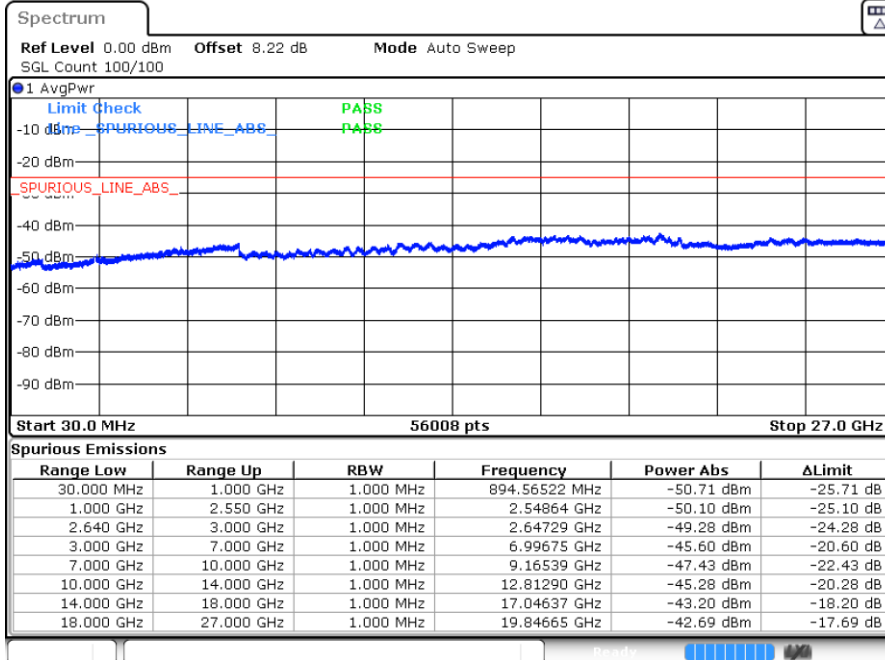
Middle Channel / QPSK



Date: 9 JUN 2022 20:05:11

Date: 9 JUN 2022 20:14:33

Highest Channel / QPSK



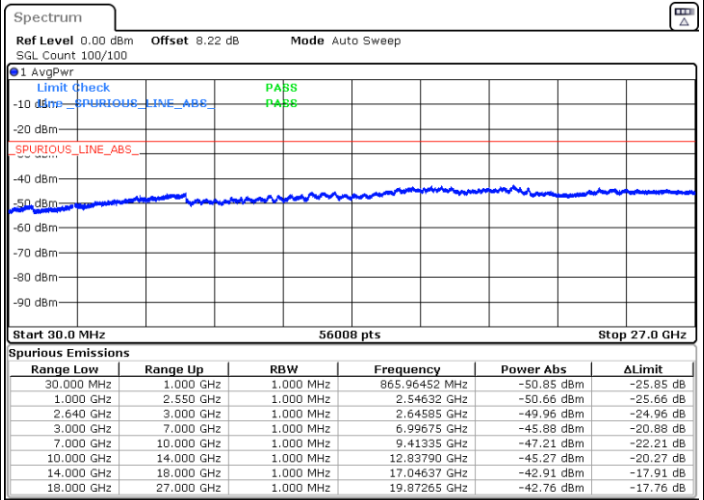
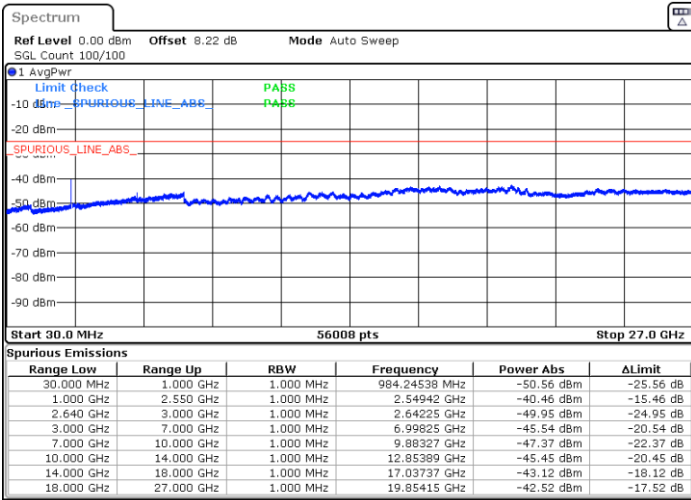
Date: 9 JUN 2022 20:15:53



LTE Band 38 / 15MHz

Lowest Channel / QPSK

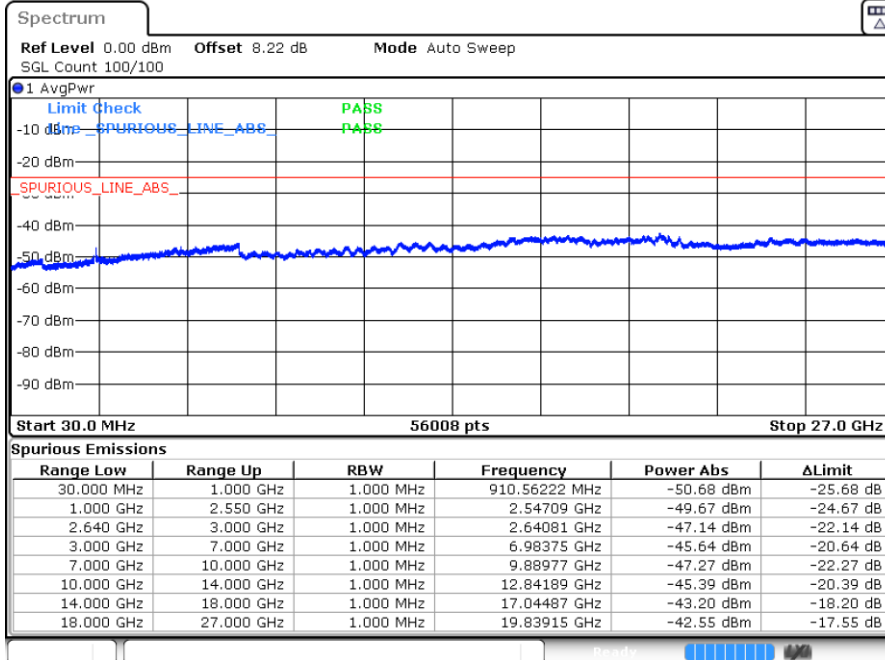
Middle Channel / QPSK



Date: 9 JUN 2022 20:25:17

Date: 9 JUN 2022 20:34:39

Highest Channel / QPSK



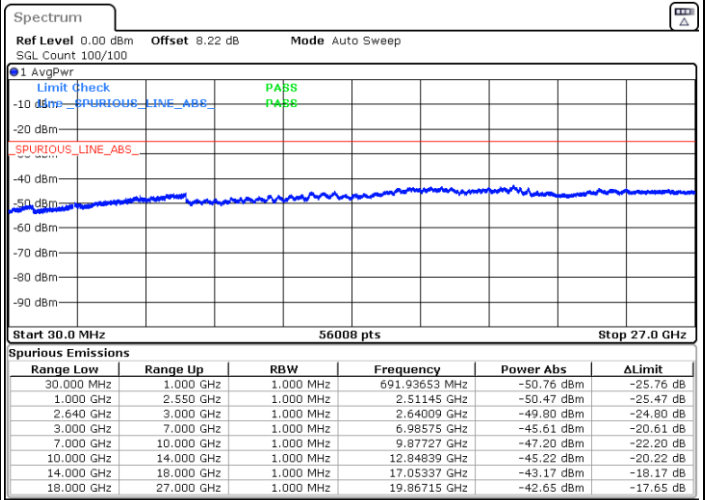
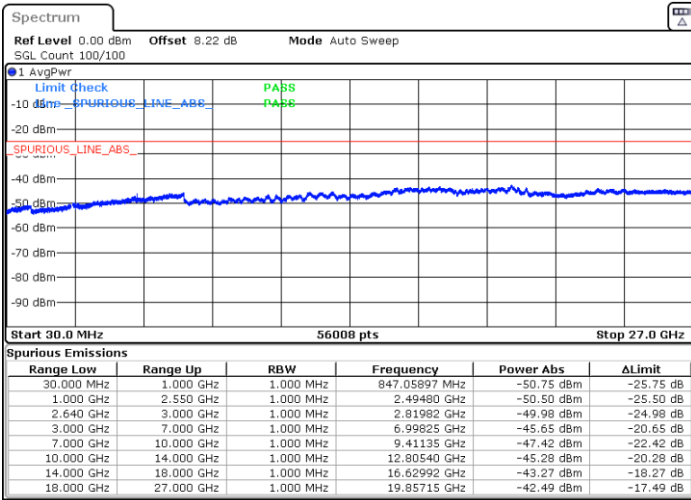
Date: 9 JUN 2022 20:36:00



LTE Band 38 / 20MHz

Lowest Channel / QPSK

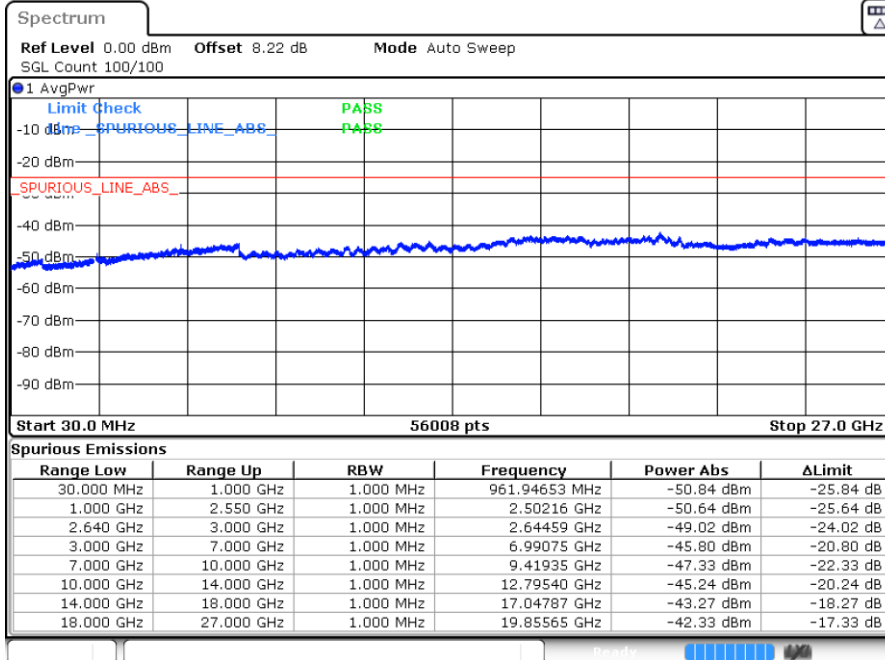
Middle Channel / QPSK



Date: 9 JUN 2022 20:45:23

Date: 9 JUN 2022 20:54:45

Highest Channel / QPSK



Date: 9 JUN 2022 20:56:06



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	0.0006	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0001	

Note:

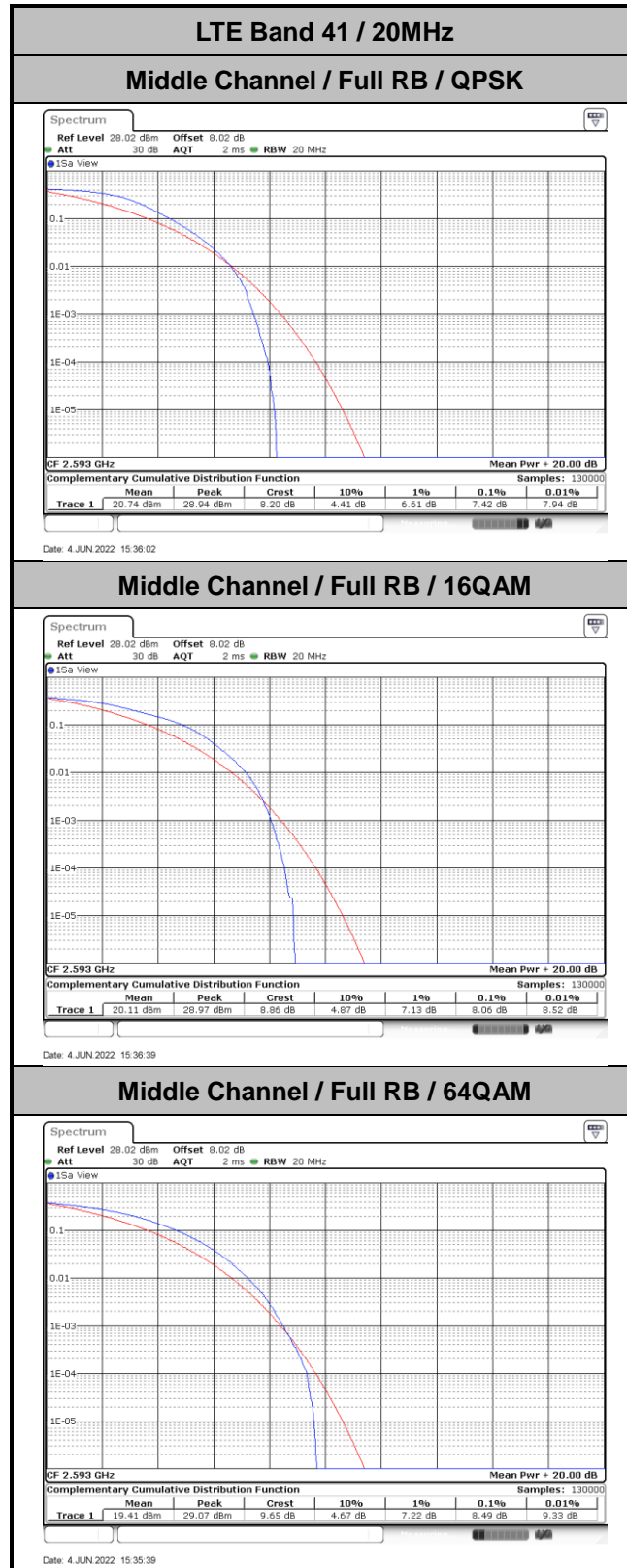
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

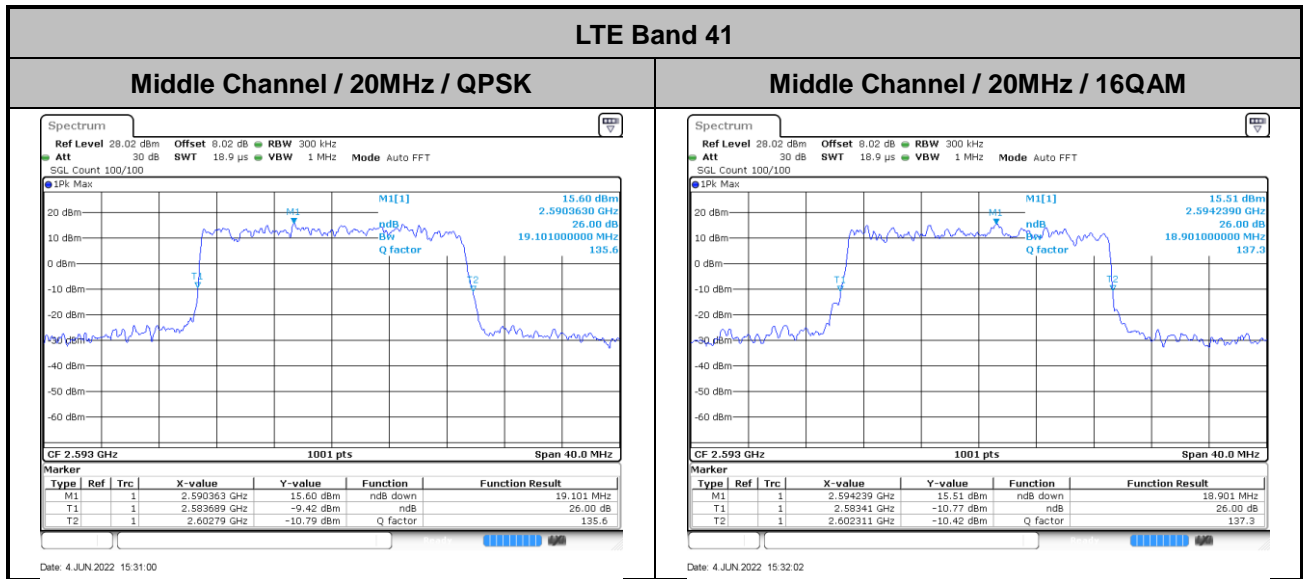
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	7.42	8.06	8.49	PASS





26dB Bandwidth

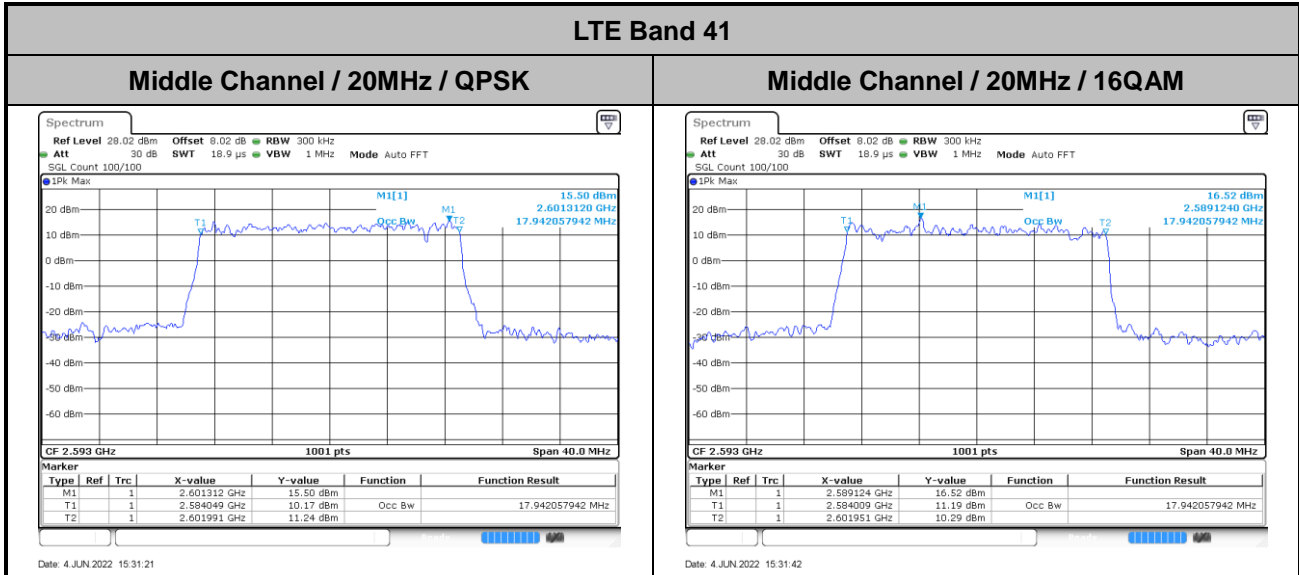
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.10	18.90





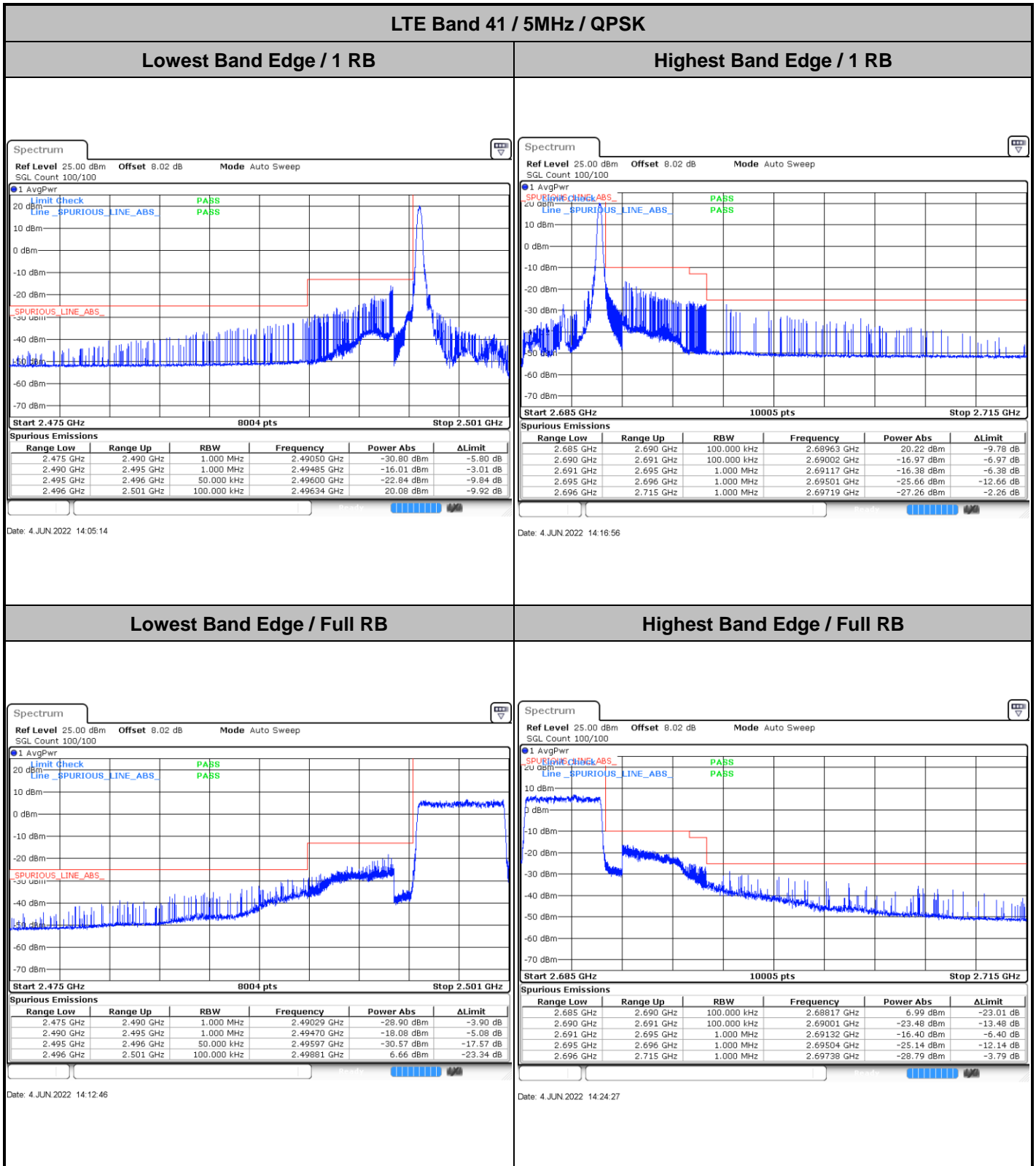
Occupied Bandwidth

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





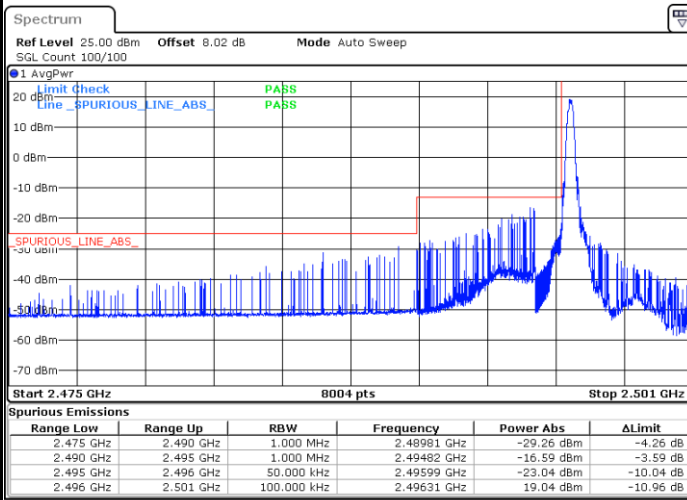
Conducted Band Edge





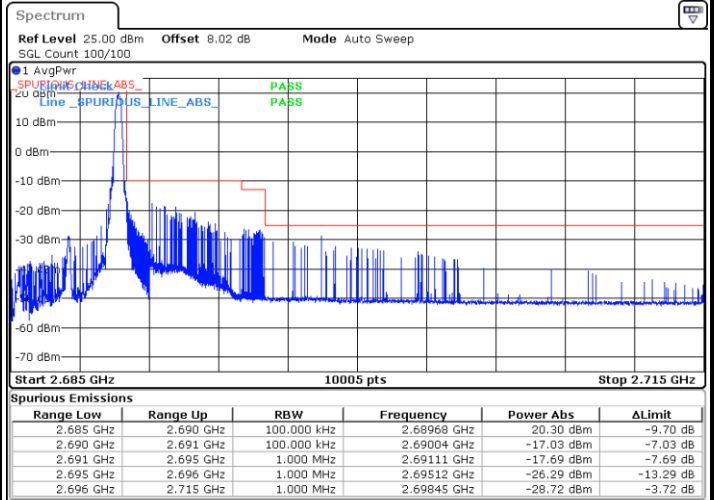
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



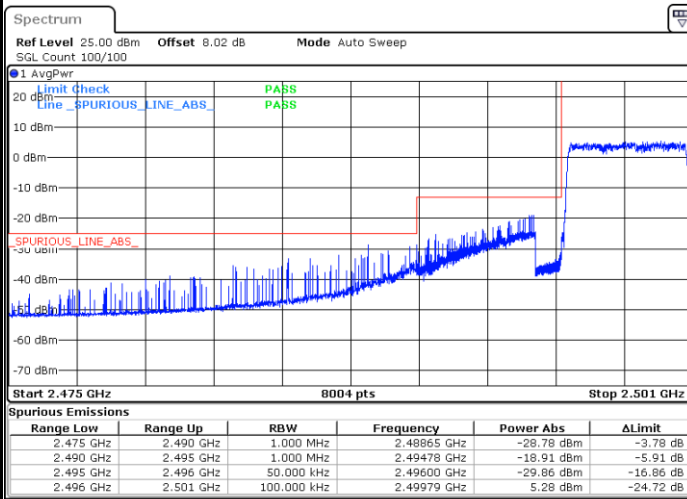
Date: 4 JUN 2022 14:06:44

Highest Band Edge / 1 RB



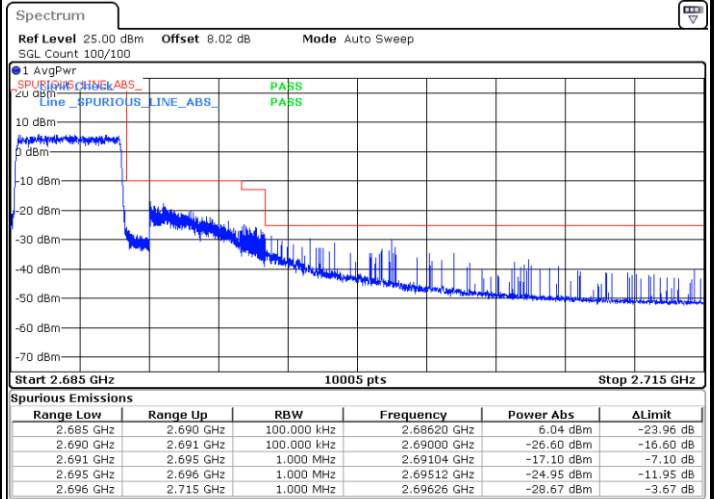
Date: 4 JUN 2022 14:18:26

Lowest Band Edge / Full RB



Date: 4 JUN 2022 14:11:16

Highest Band Edge / Full RB

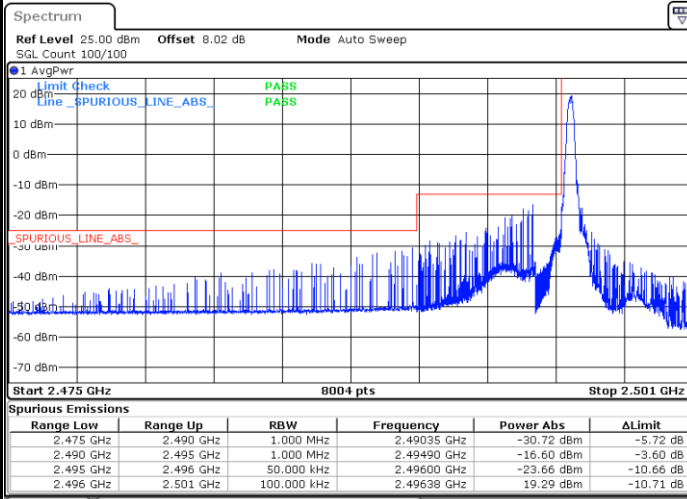


Date: 4 JUN 2022 14:22:57



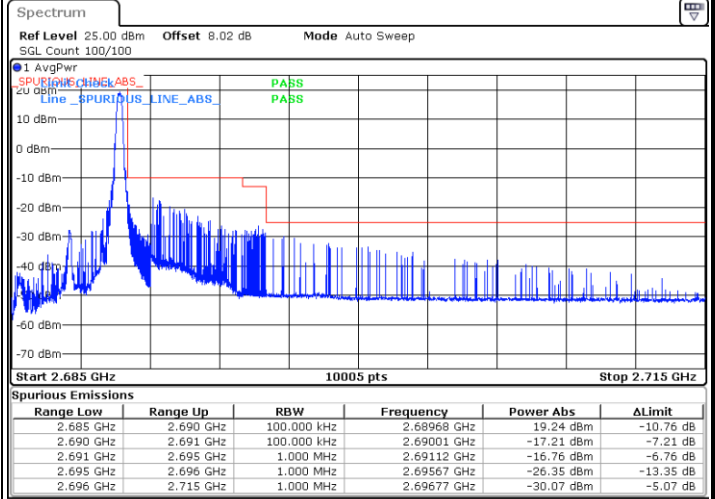
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



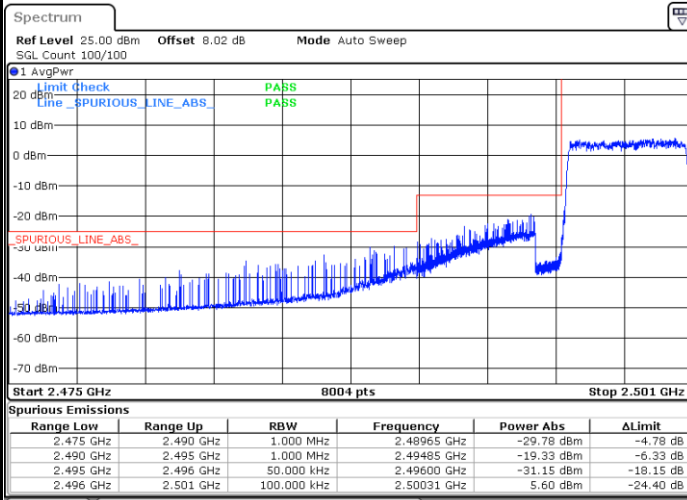
Date: 4 JUN 2022 14:08:15

Highest Band Edge / 1 RB



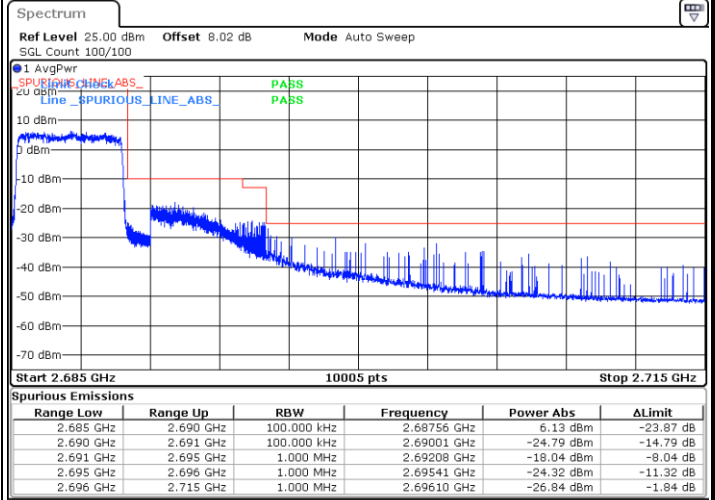
Date: 4 JUN 2022 14:19:56

Lowest Band Edge / Full RB



Date: 4 JUN 2022 14:09:45

Highest Band Edge / Full RB

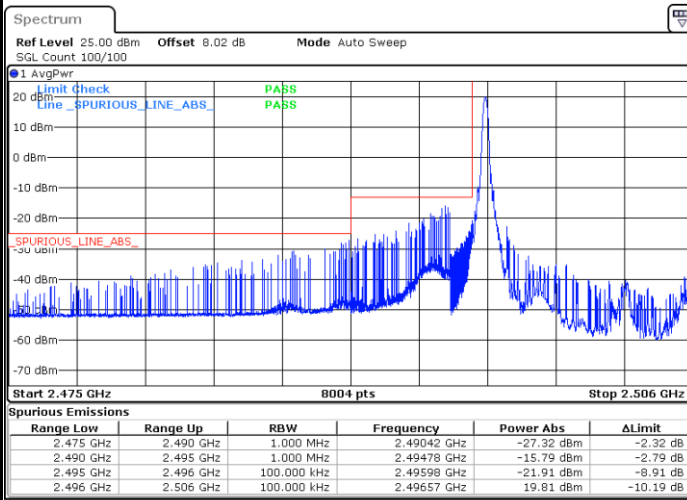


Date: 4 JUN 2022 14:21:26



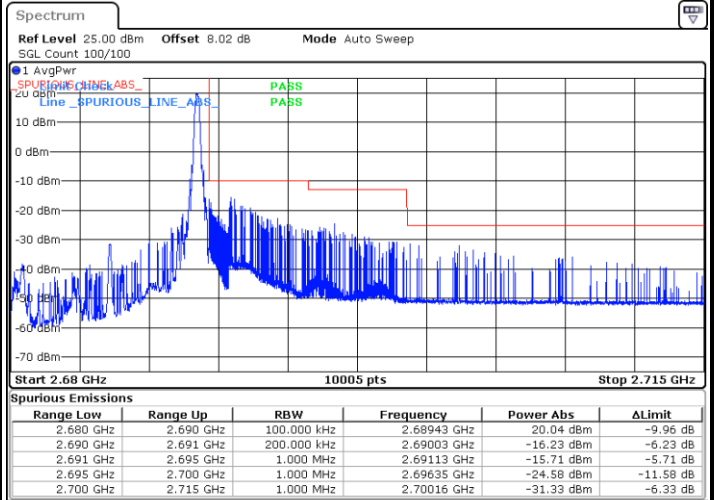
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



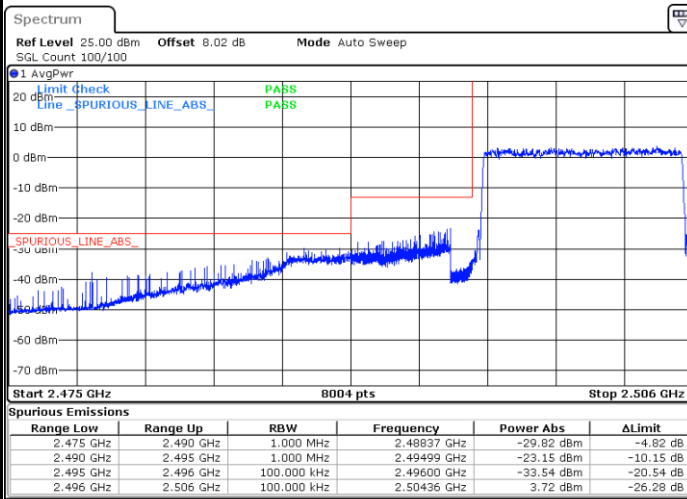
Date: 4 JUN 2022 14:27:18

Highest Band Edge / 1 RB



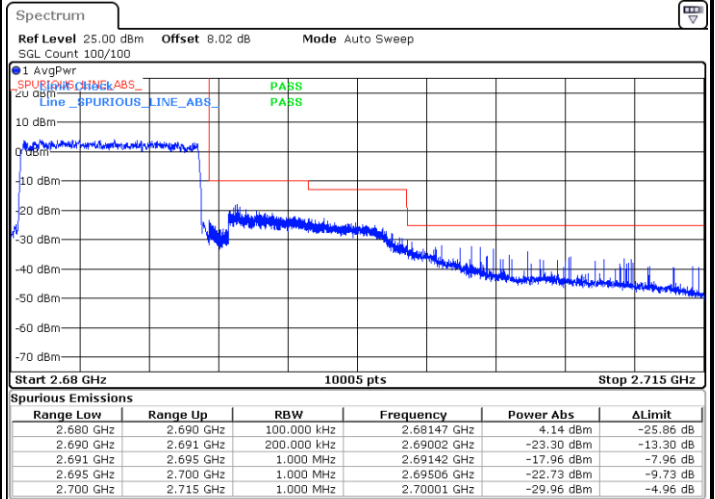
Date: 4 JUN 2022 14:39:00

Lowest Band Edge / Full RB



Date: 4 JUN 2022 14:34:50

Highest Band Edge / Full RB

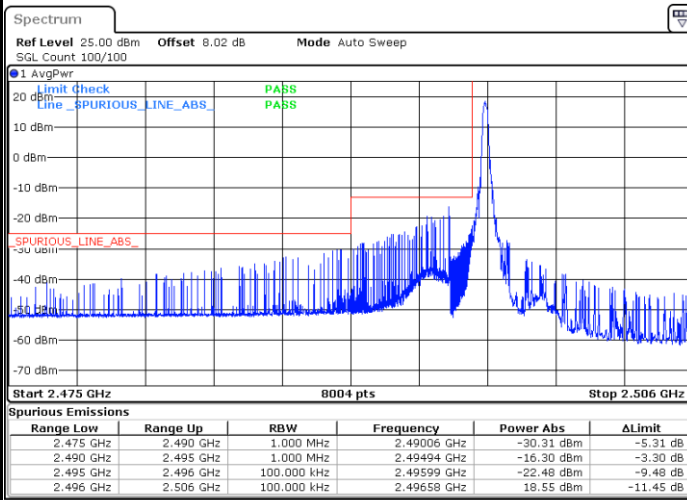


Date: 4 JUN 2022 14:46:30



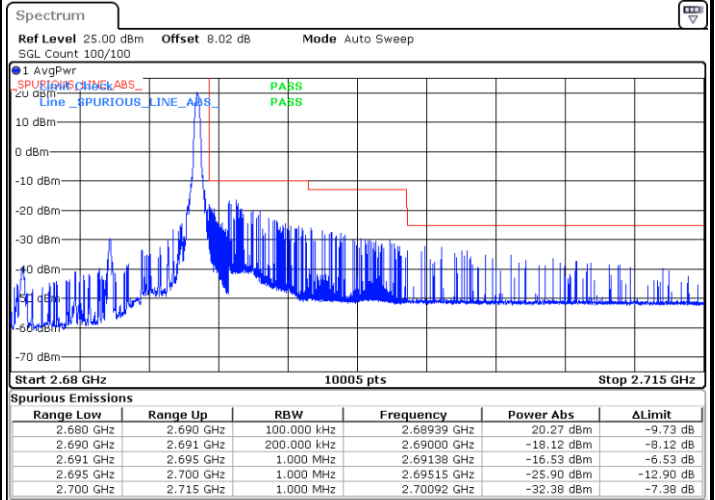
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



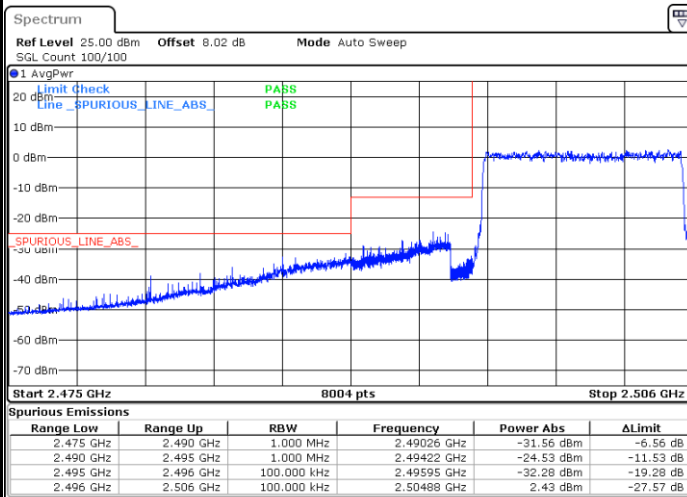
Date: 4 JUN 2022 14:28:48

Highest Band Edge / 1 RB



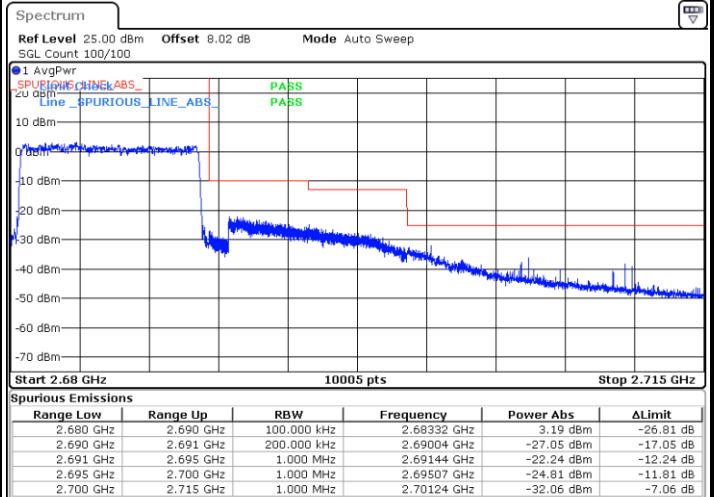
Date: 4 JUN 2022 14:40:30

Lowest Band Edge / Full RB



Date: 4 JUN 2022 14:33:20

Highest Band Edge / Full RB



Date: 4 JUN 2022 14:45:00