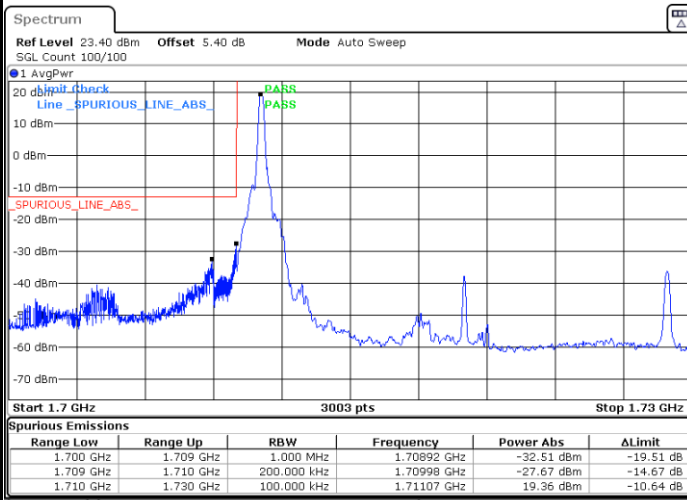




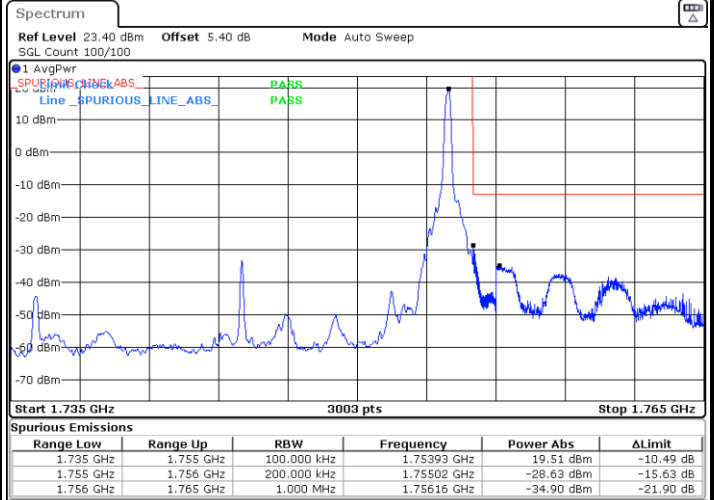
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



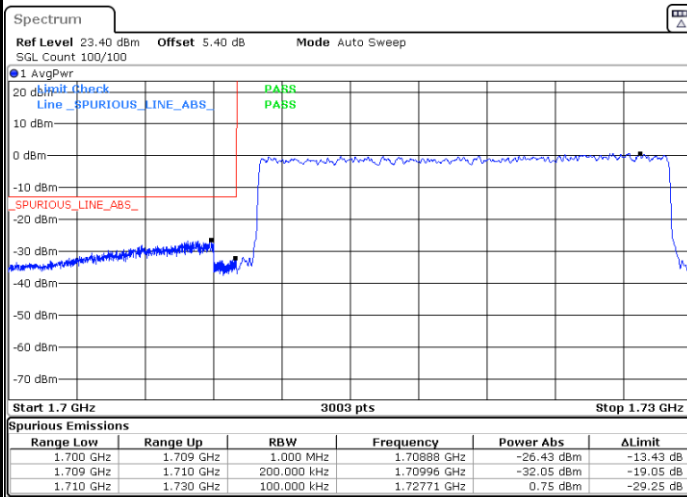
Date: 20 JUN.2022 12:02:27

Highest Band Edge / 1 RB



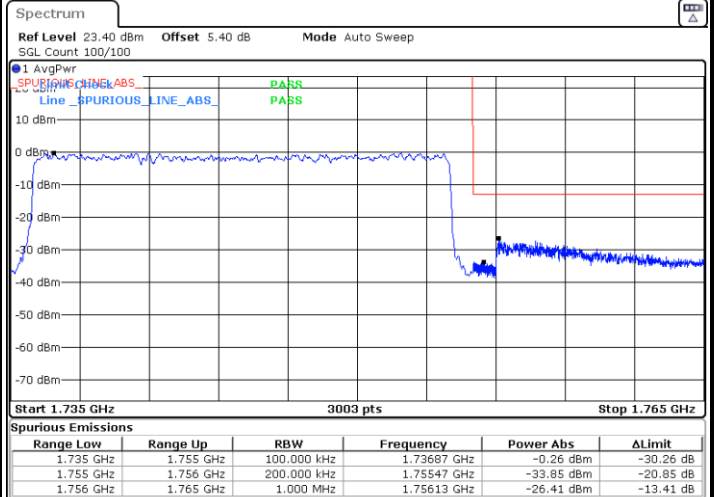
Date: 20 JUN.2022 12:10:04

Lowest Band Edge / Full RB



Date: 20 JUN.2022 12:04:06

Highest Band Edge / Full RB

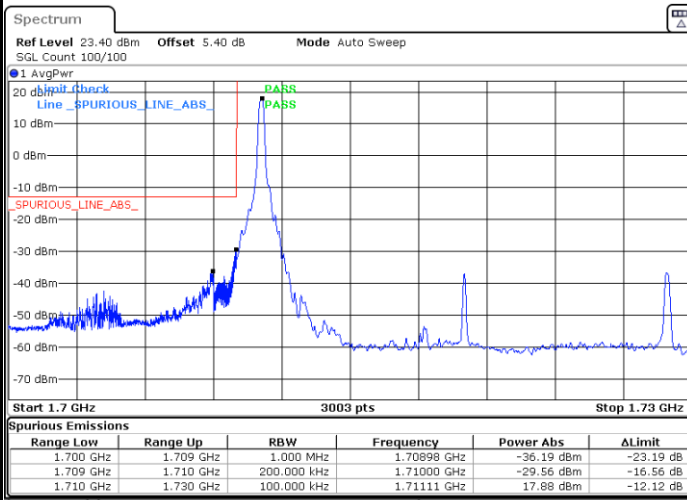


Date: 20 JUN.2022 12:07:21



LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



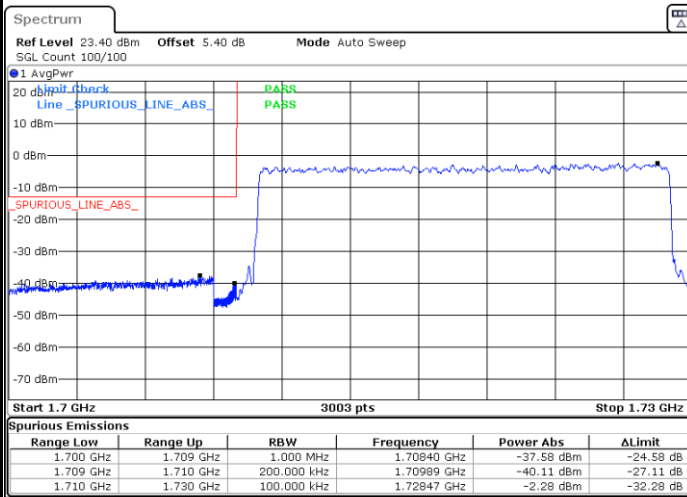
Date: 20 JUN.2022 12:02:06

Highest Band Edge / 1 RB



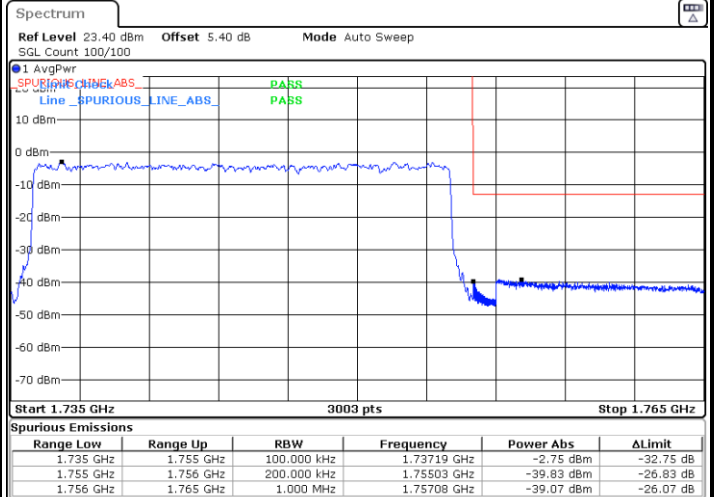
Date: 20 JUN.2022 12:11:01

Lowest Band Edge / Full RB



Date: 20 JUN.2022 12:04:32

Highest Band Edge / Full RB

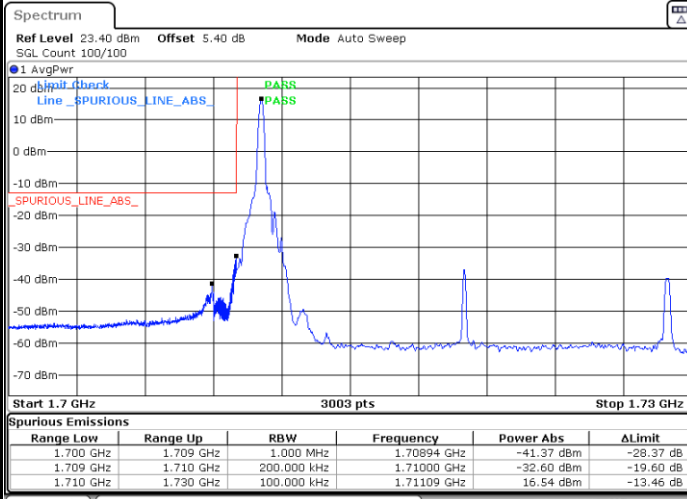


Date: 20 JUN.2022 12:06:29



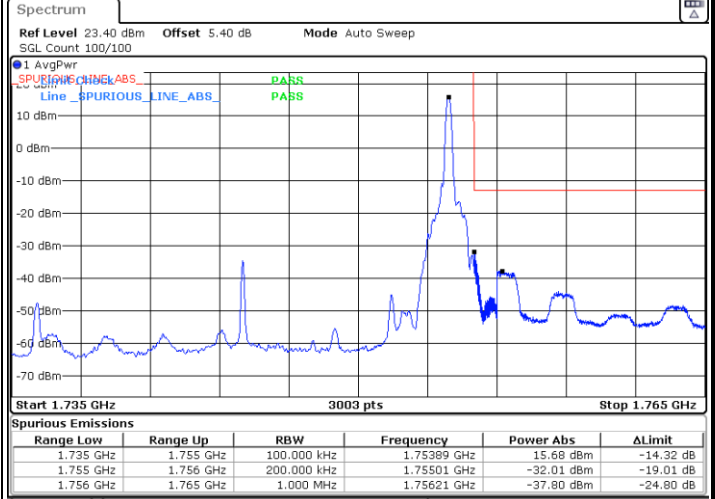
LTE Band 4 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



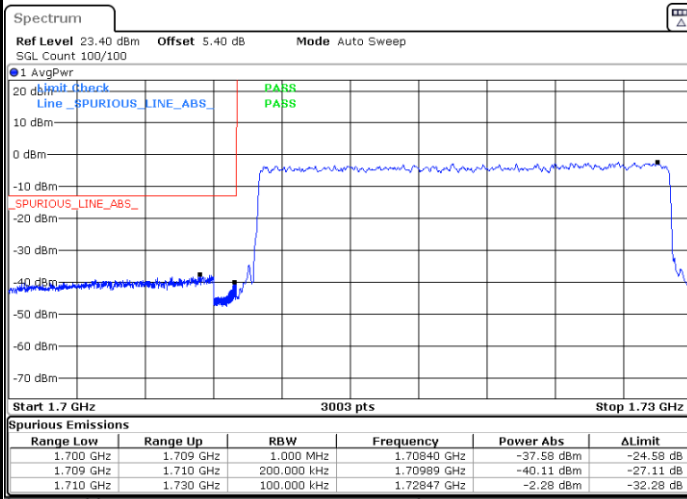
Date: 20 JUN.2022 12:01:24

Highest Band Edge / 1 RB



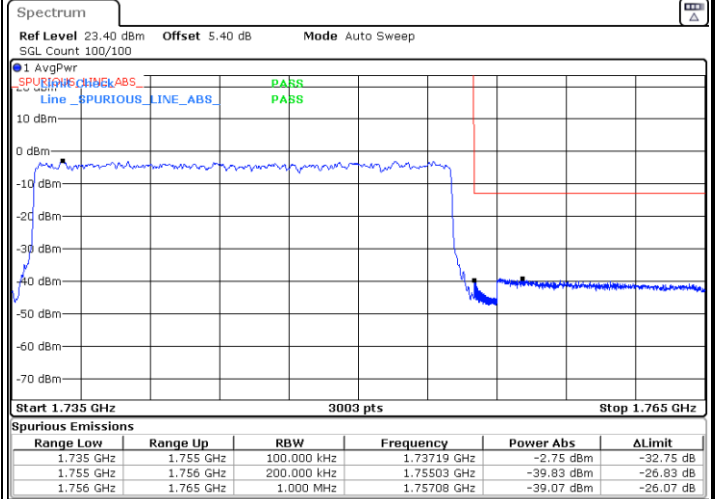
Date: 20 JUN.2022 12:10:34

Lowest Band Edge / Full RB



Date: 20 JUN.2022 12:04:32

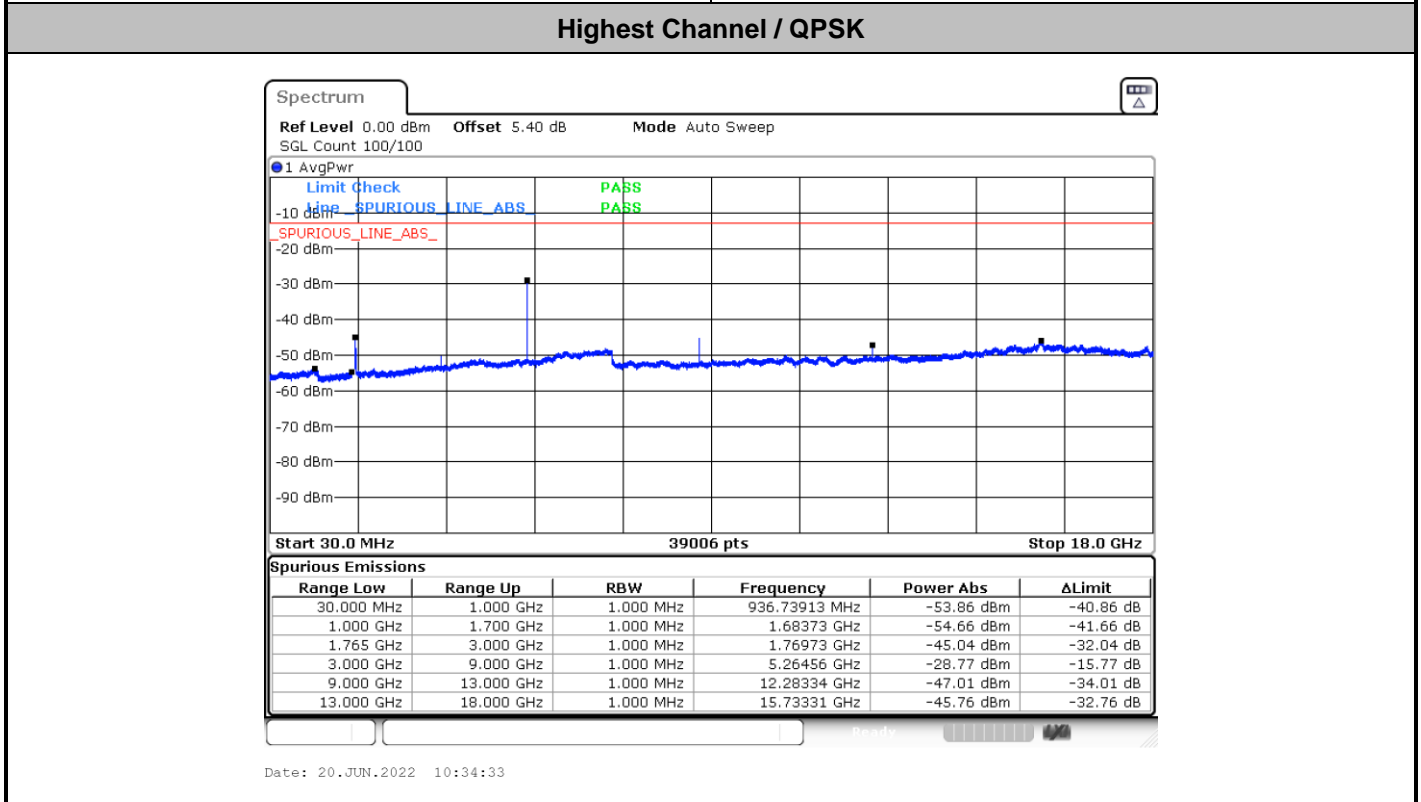
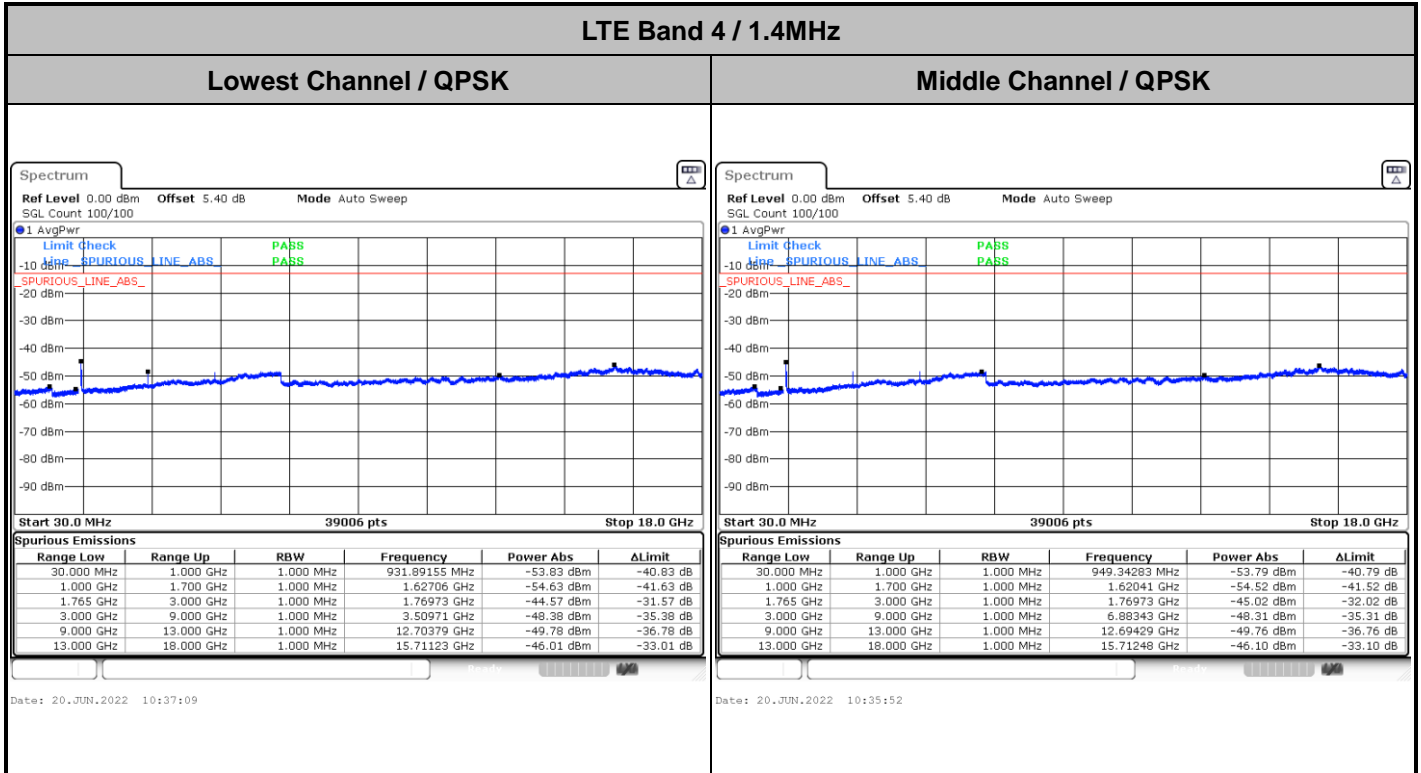
Highest Band Edge / Full RB



Date: 20 JUN.2022 12:06:29



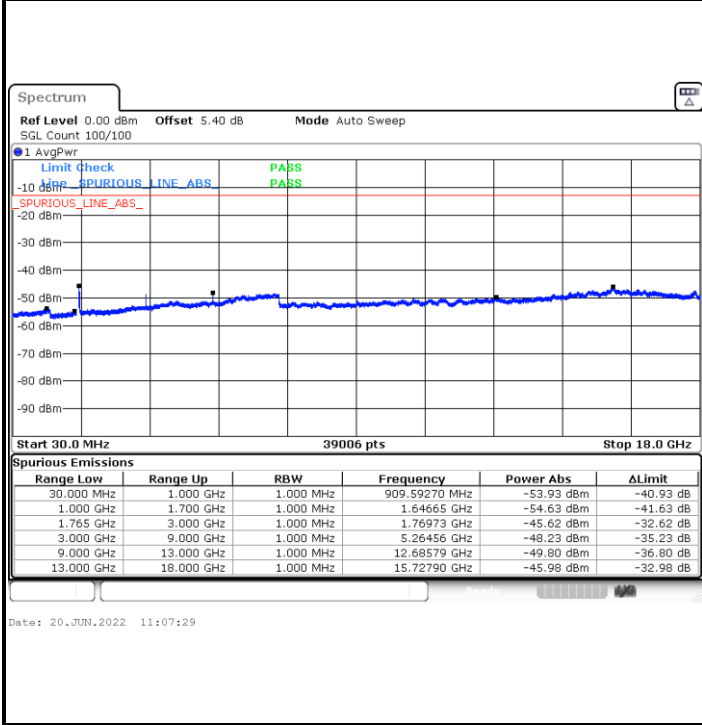
Conducted Spurious Emission



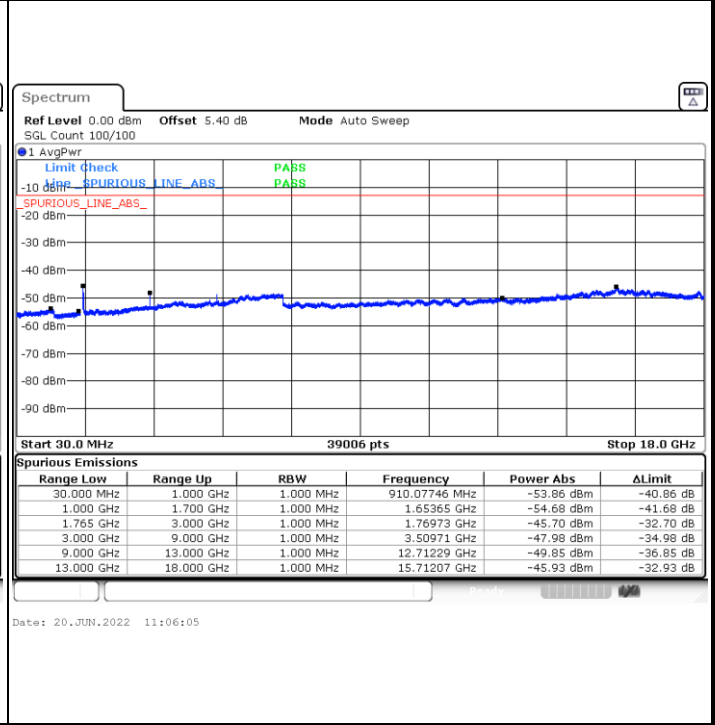


LTE Band 4 / 3MHz

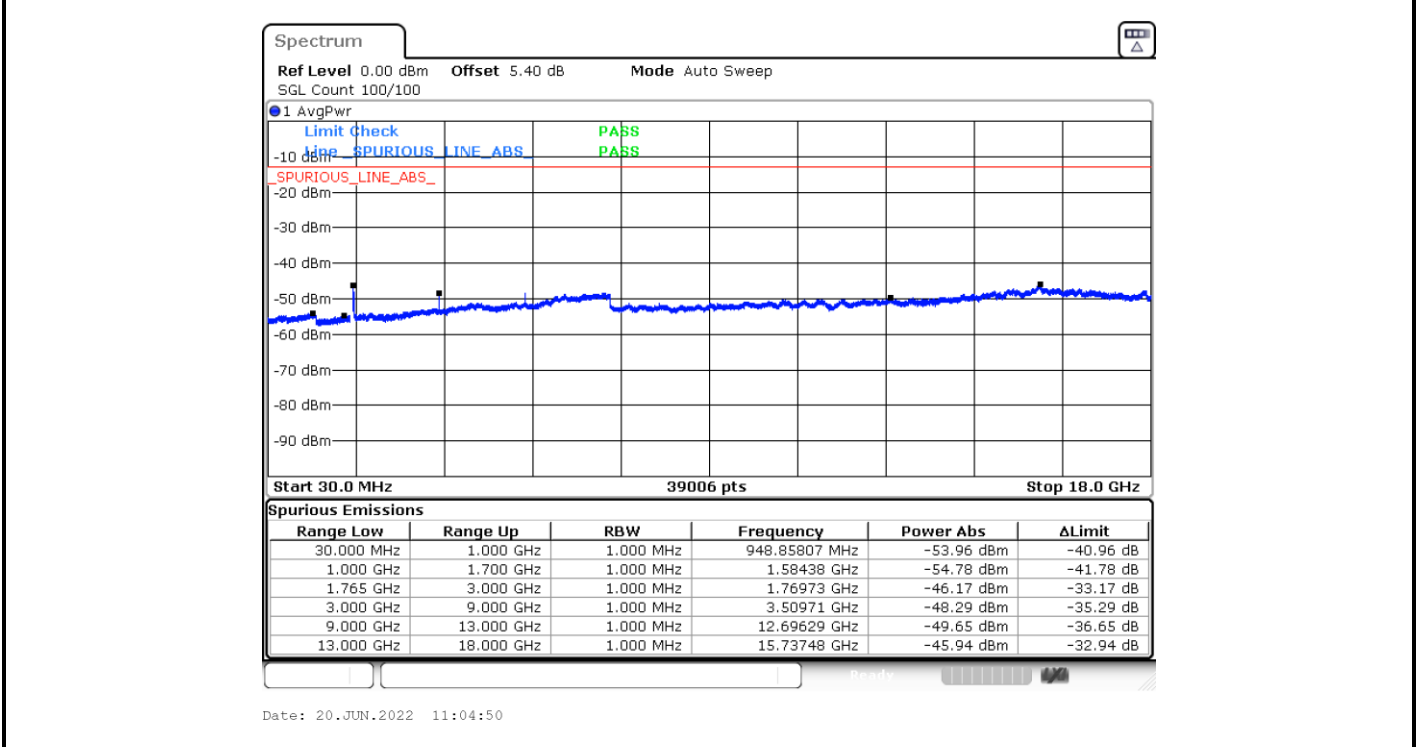
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

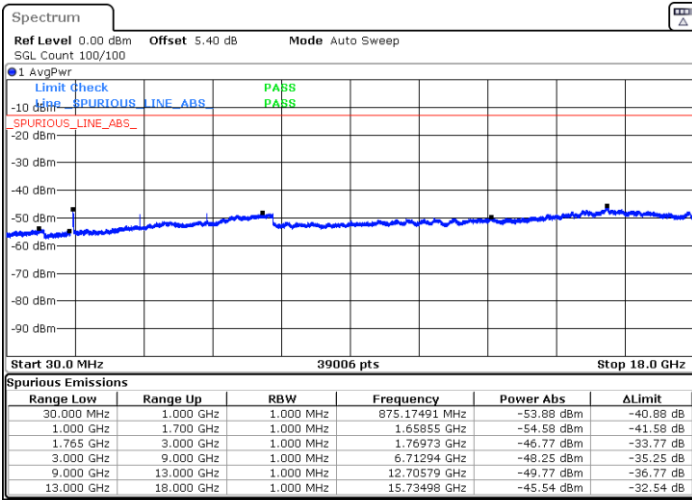




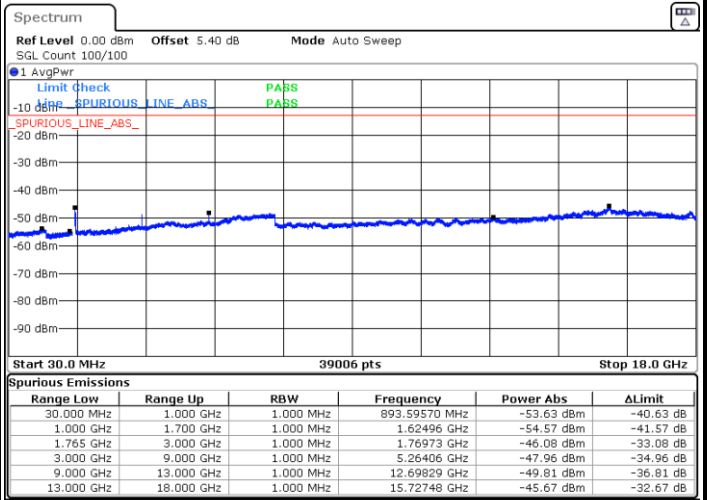
LTE Band 4 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

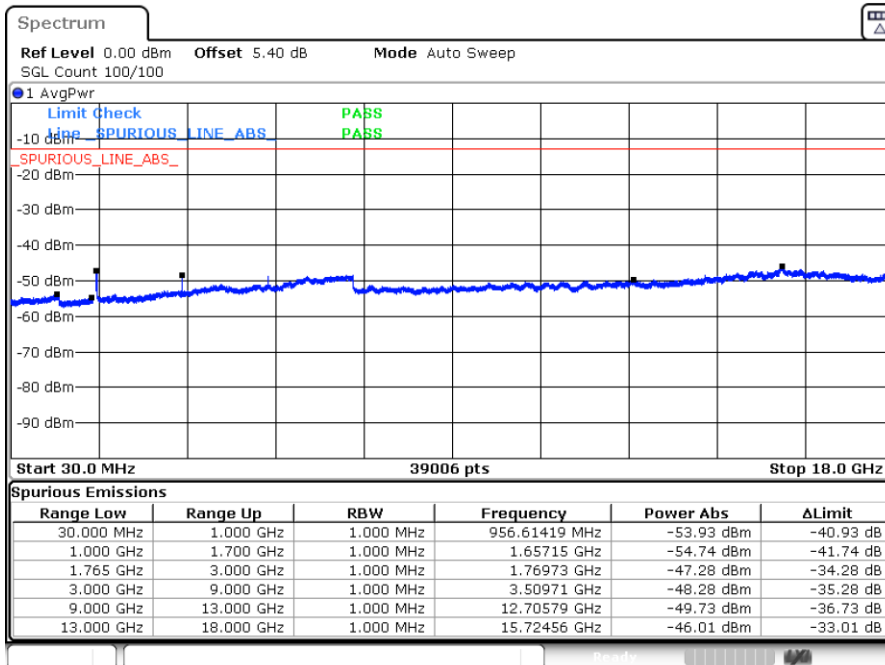


Date: 20.JUN.2022 11:26:25



Date: 20.JUN.2022 11:25:07

Highest Channel / QPSK



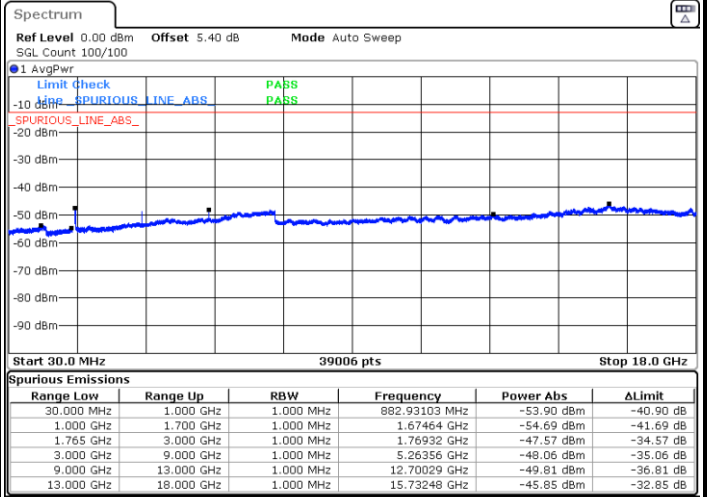
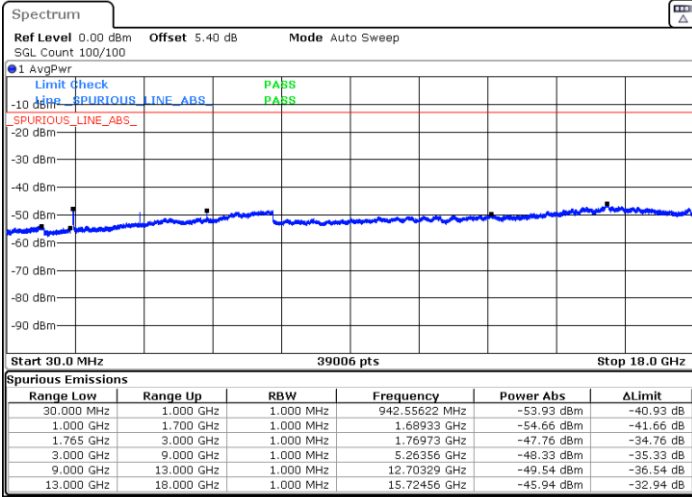
Date: 20.JUN.2022 11:23:49



LTE Band 4 / 10MHz

Lowest Channel / QPSK

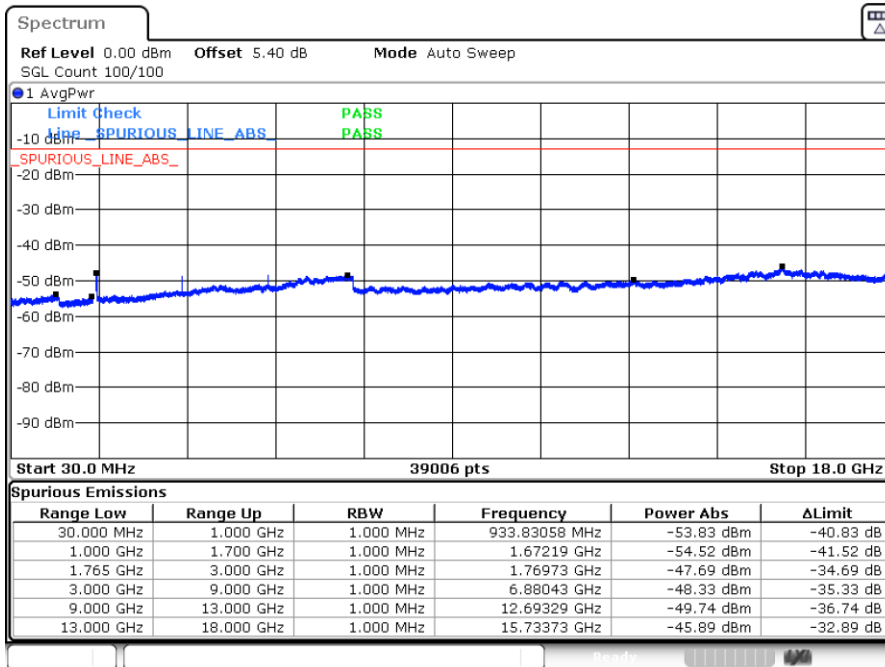
Middle Channel / QPSK



Date: 20.JUN.2022 11:41:18

Date: 20.JUN.2022 11:39:54

Highest Channel / QPSK



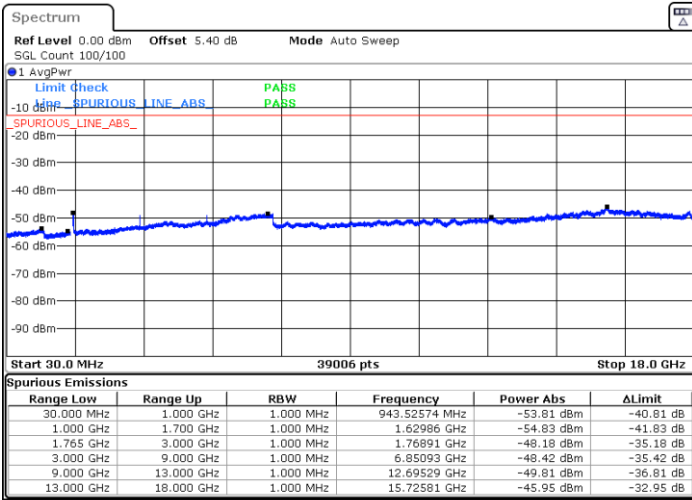
Date: 20.JUN.2022 11:38:38



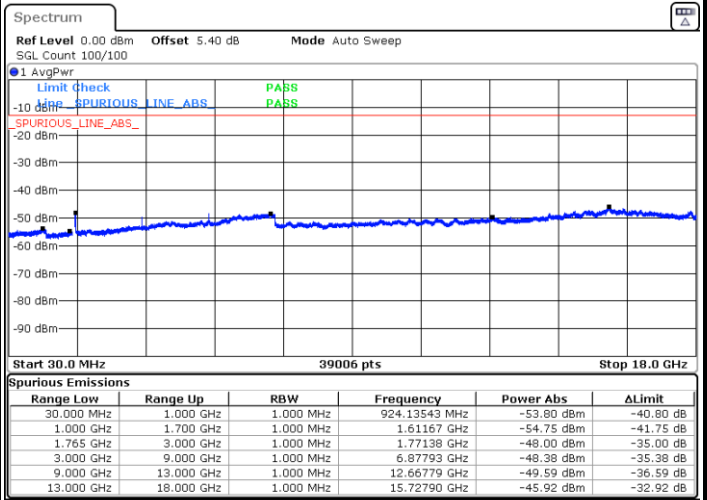
LTE Band 4 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

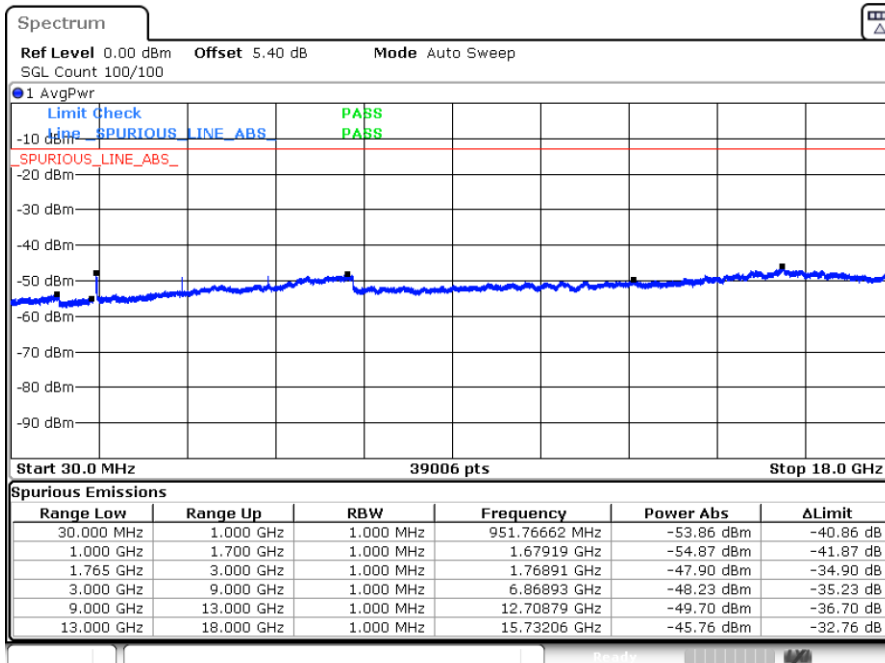


Date: 20.JUN.2022 12:00:17



Date: 20.JUN.2022 11:58:53

Highest Channel / QPSK



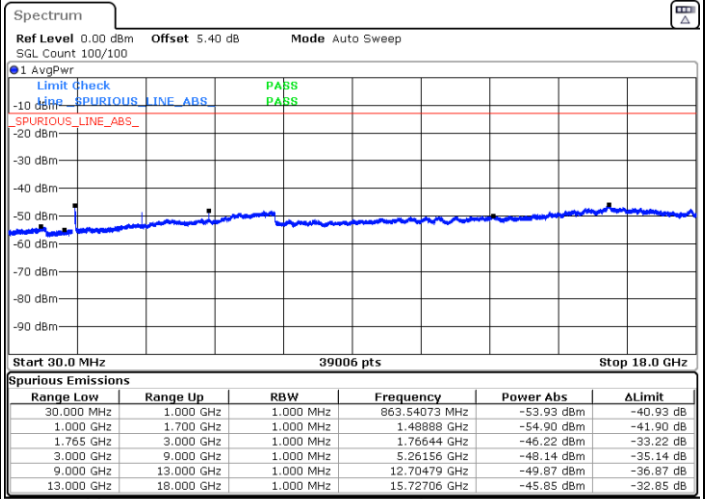
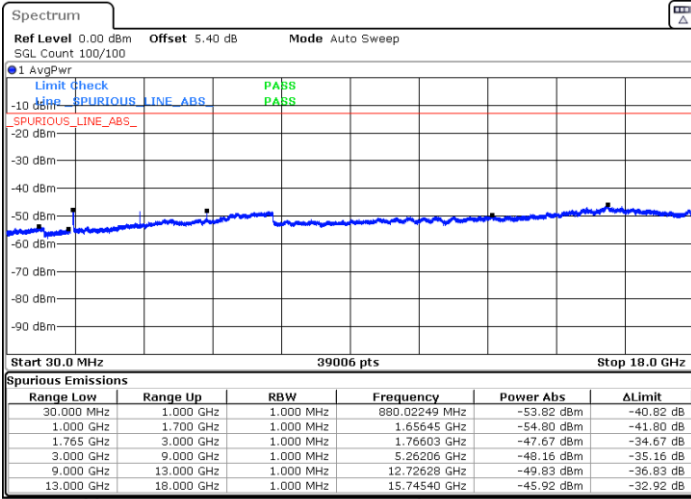
Date: 20.JUN.2022 11:57:33



LTE Band 4 / 20MHz

Lowest Channel / QPSK

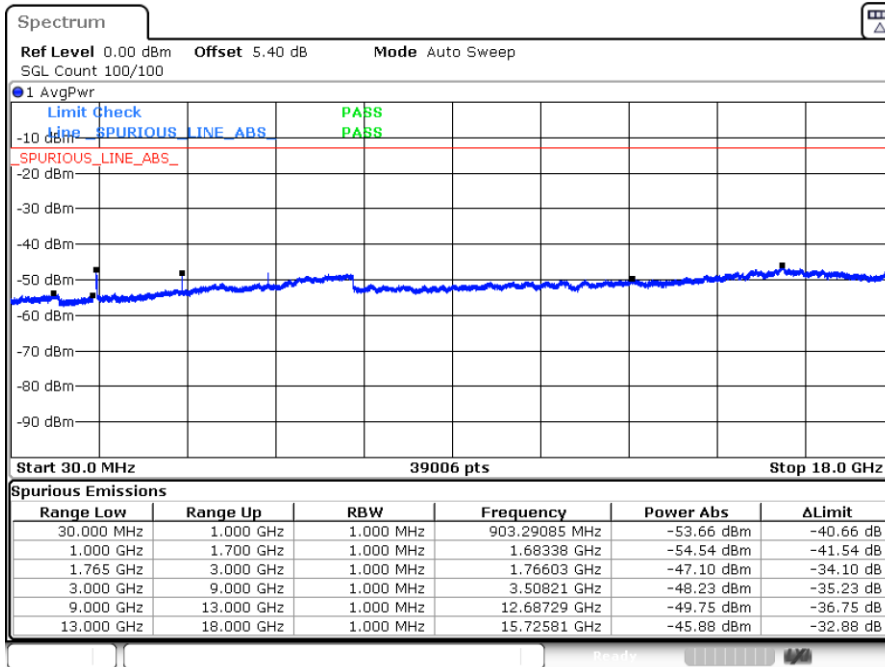
Middle Channel / QPSK



Date: 20.JUN.2022 13:19:03

Date: 20.JUN.2022 12:15:25

Highest Channel / QPSK



Date: 20.JUN.2022 12:12:21



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0006	

Note:

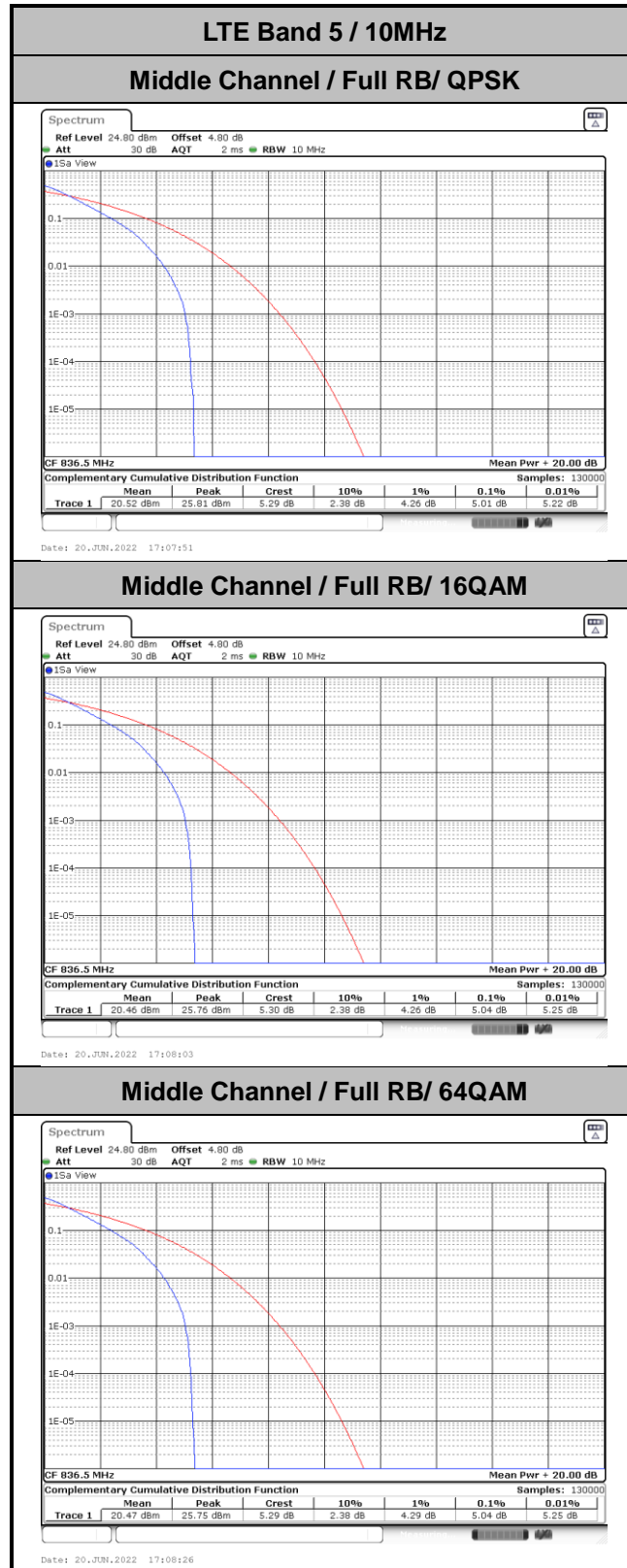
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

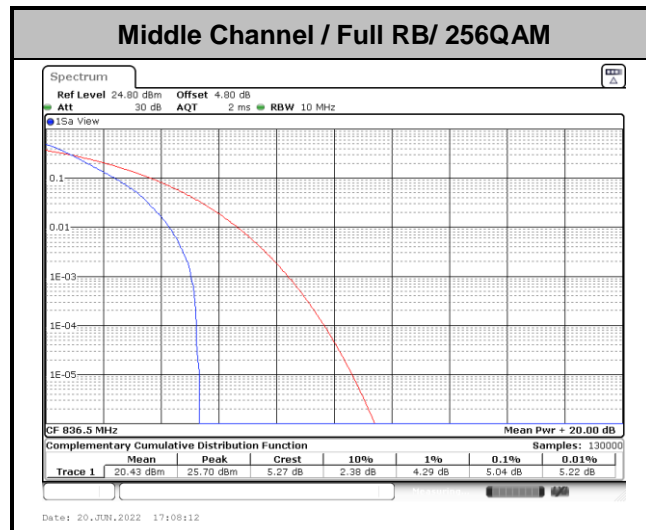


LTE Band 5

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.01	5.04	5.04	PASS
Mod.	256QAM			Limit: 13dB
RB Size	Full RB			Result
Middle CH	5.04			PASS

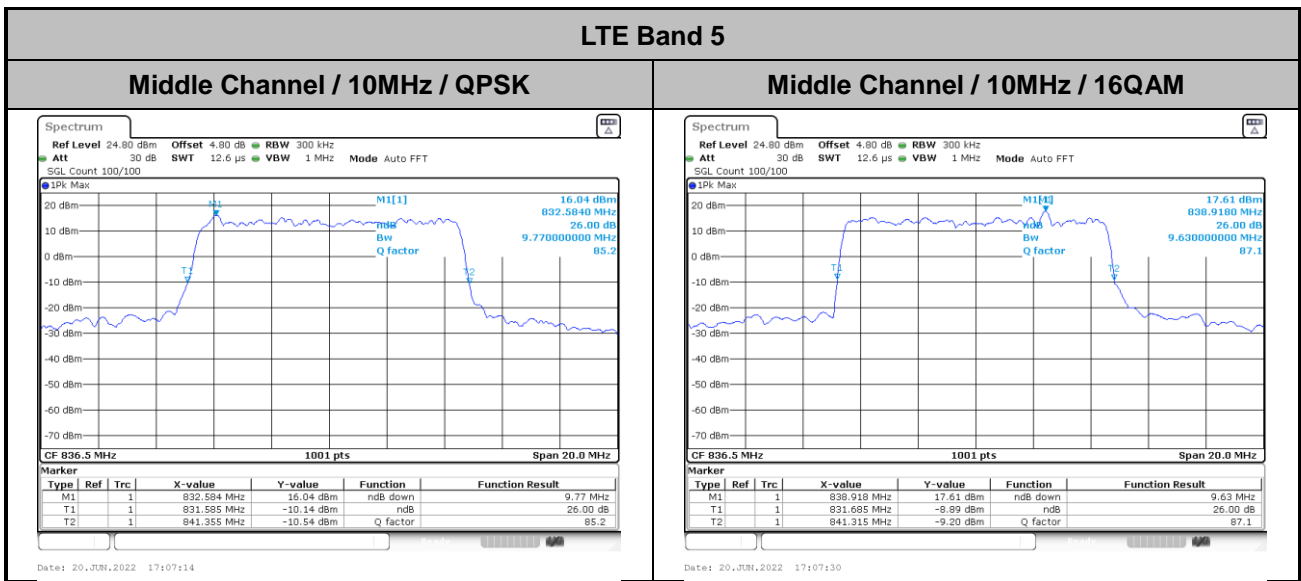






26dB Bandwidth

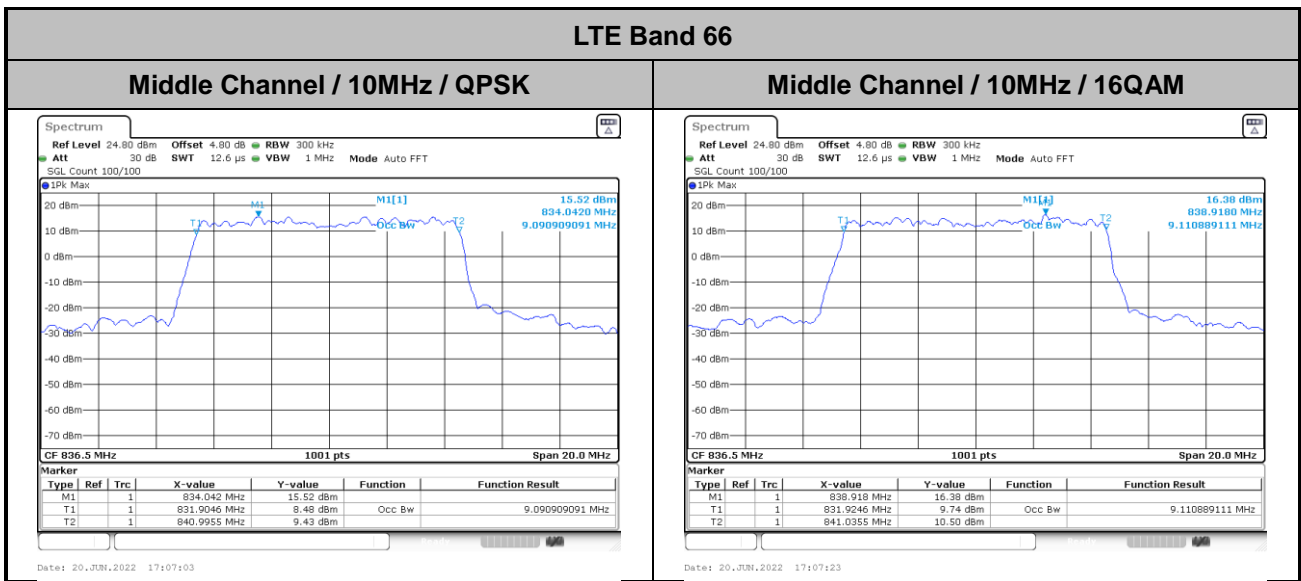
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.77	9.63





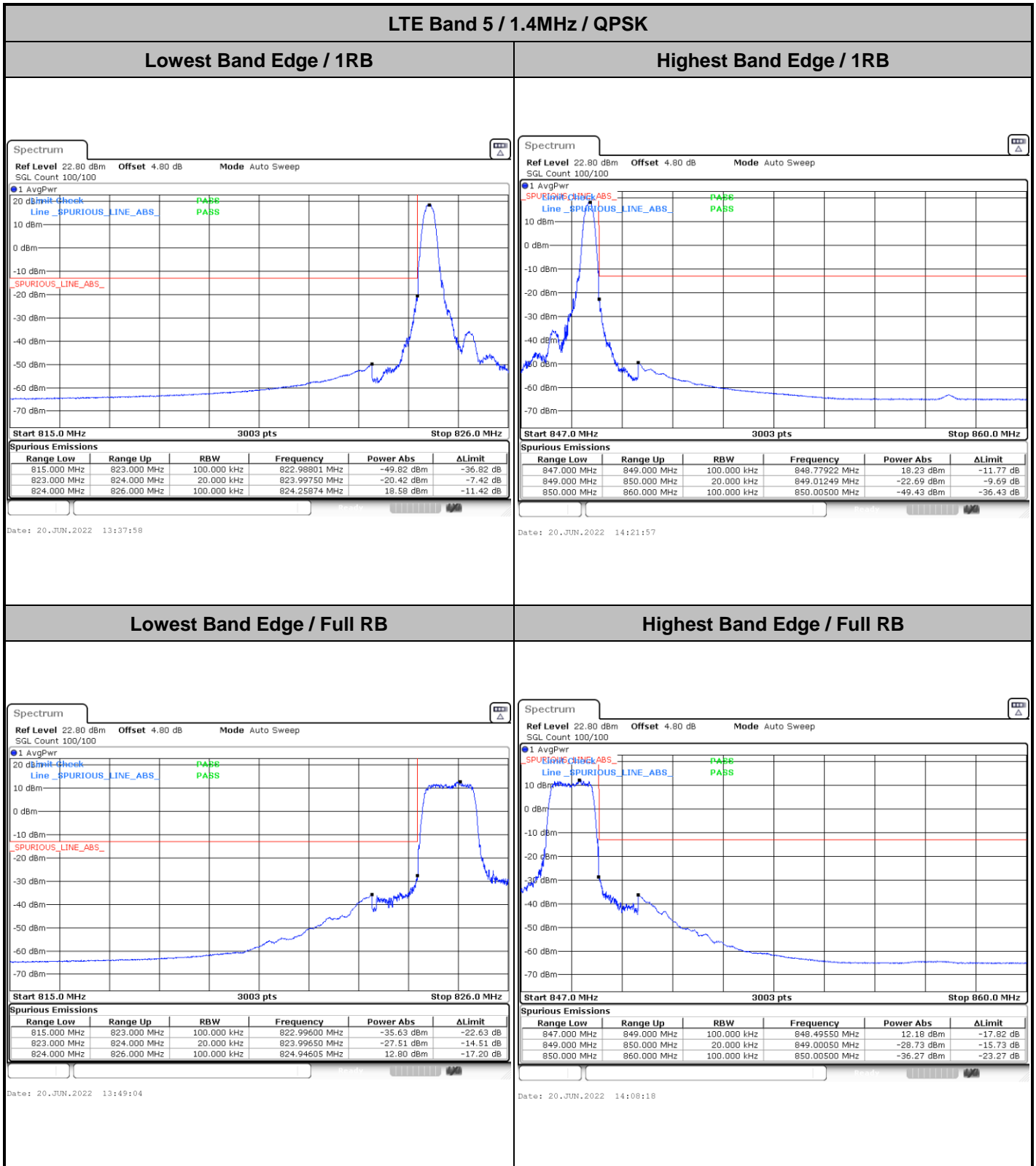
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.09	9.11





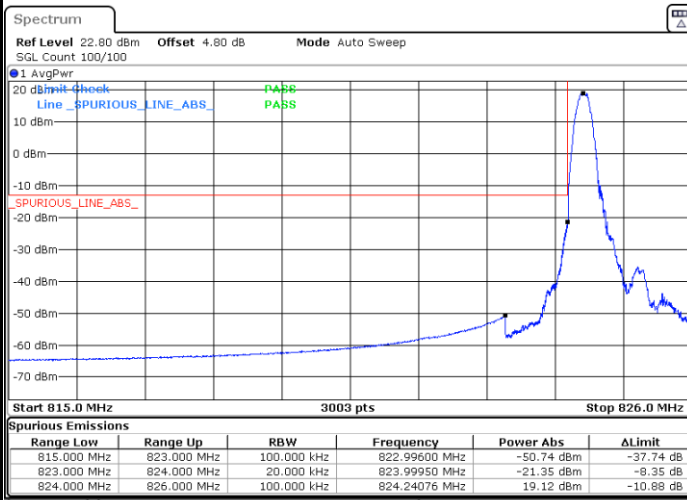
Conducted Band Edge





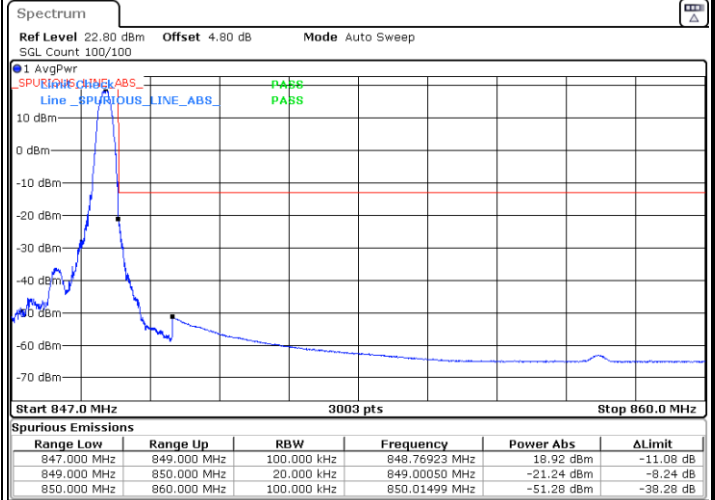
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



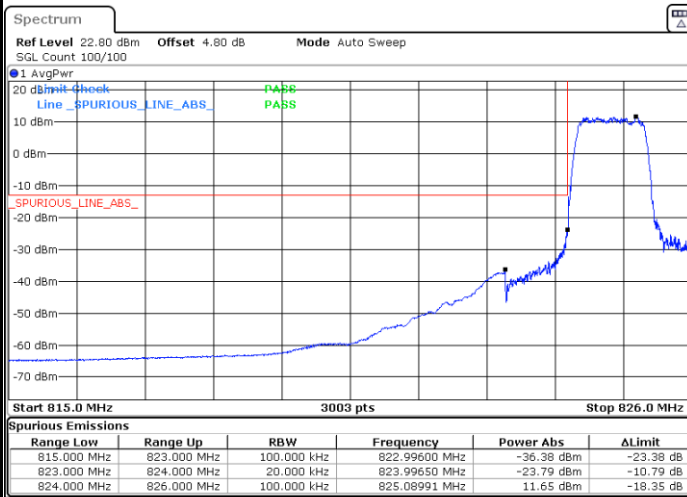
Date: 20 JUN. 2022 13:39:36

Highest Band Edge / 1 RB



Date: 20 JUN. 2022 14:20:25

Lowest Band Edge / Full RB



Date: 20 JUN. 2022 13:47:37

Highest Band Edge / Full RB

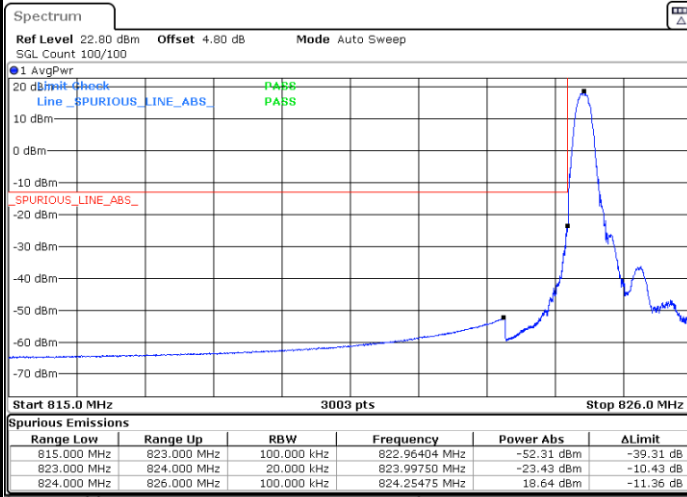


Date: 20 JUN. 2022 14:09:55



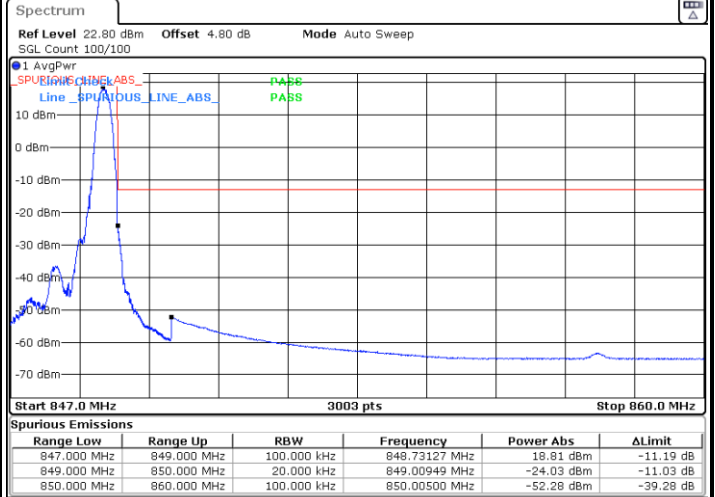
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



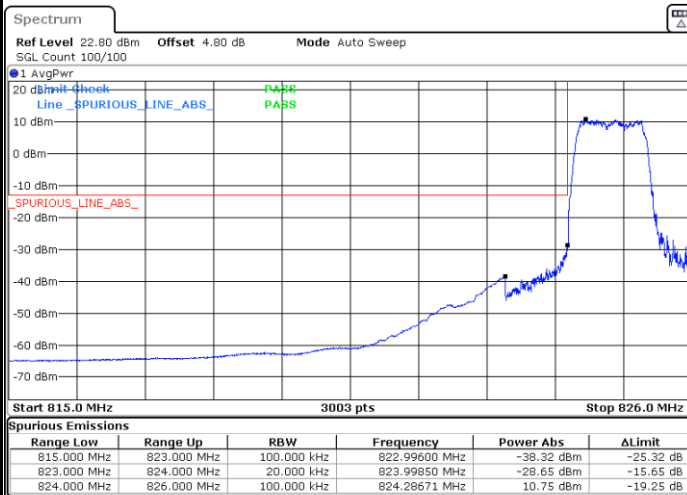
Date: 20 JUN. 2022 13:42:37

Highest Band Edge / 1 RB



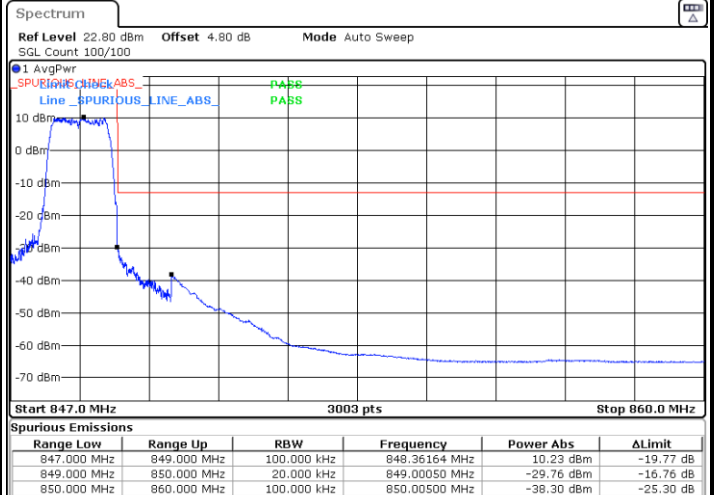
Date: 20 JUN. 2022 14:18:20

Lowest Band Edge / Full RB



Date: 20 JUN. 2022 13:46:04

Highest Band Edge / Full RB



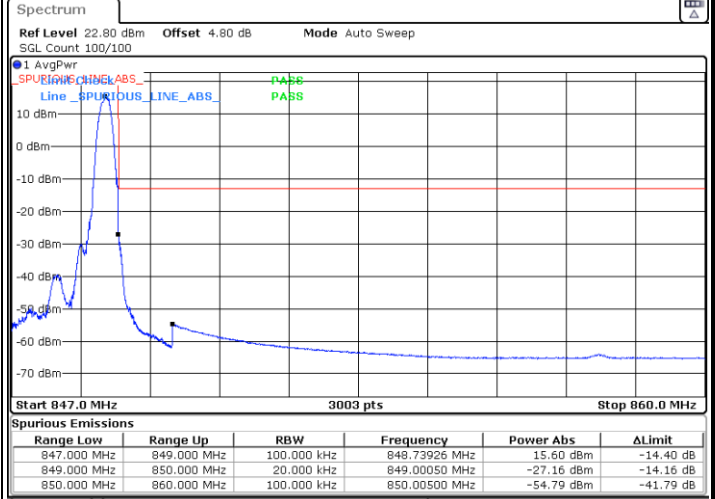
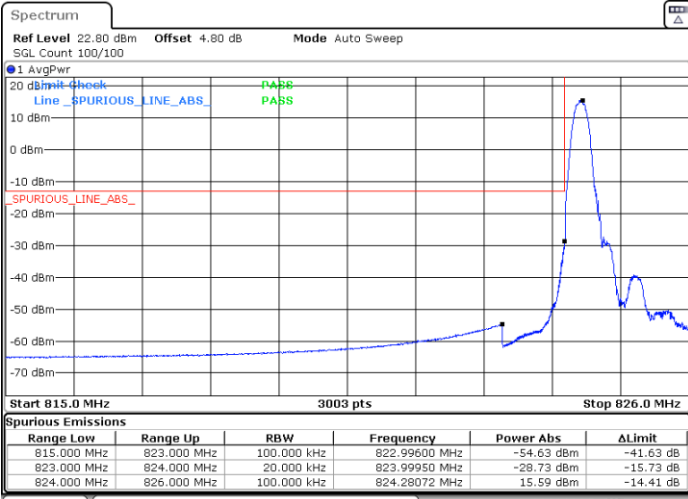
Date: 20 JUN. 2022 14:13:11



LTE Band 5 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

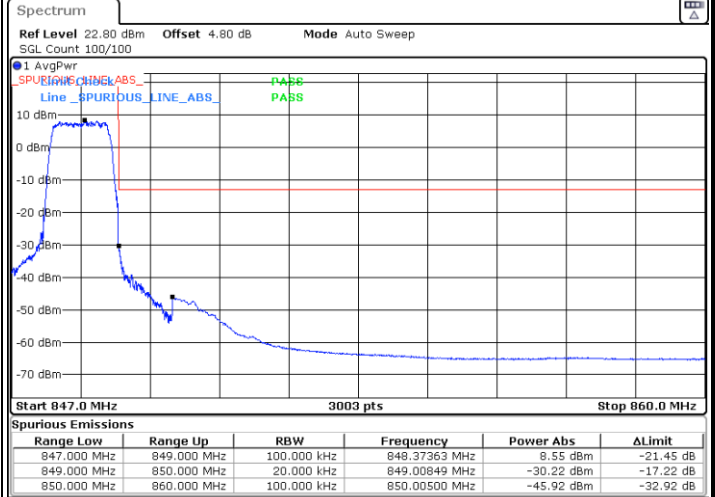
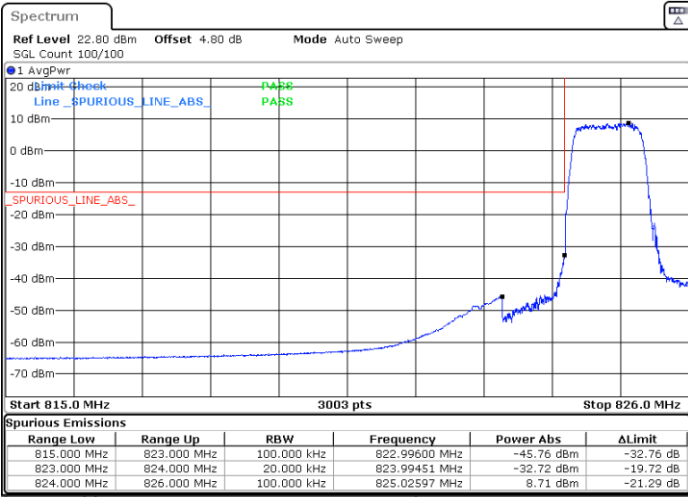


Date: 20 JUN.2022 13:41:01

Date: 20 JUN.2022 14:16:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



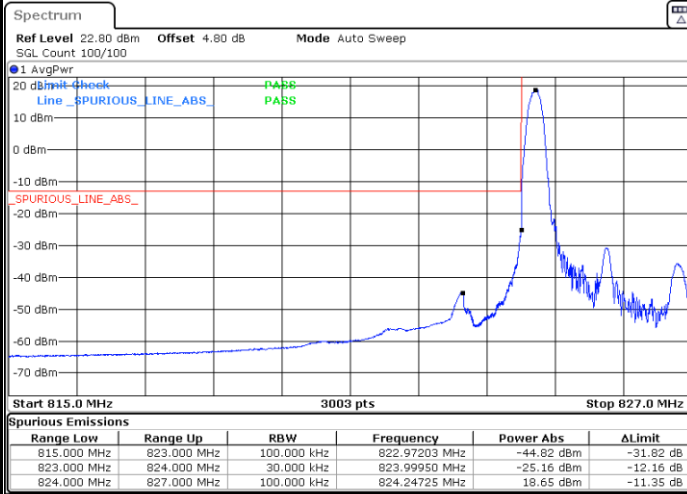
Date: 20 JUN.2022 13:44:22

Date: 20 JUN.2022 14:11:28



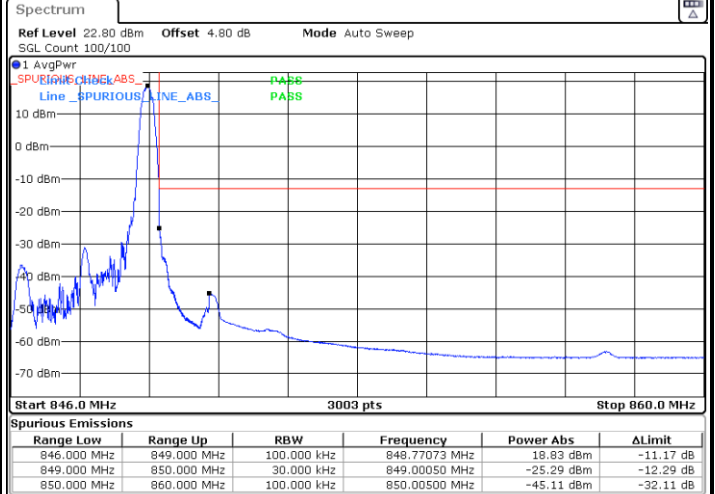
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



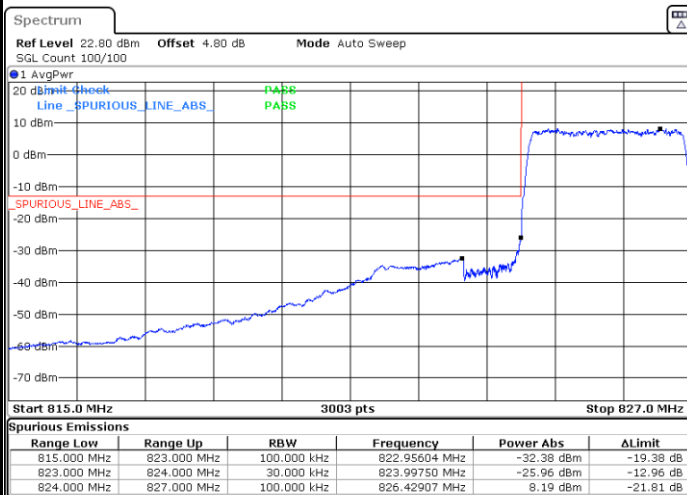
Date: 20 JUN.2022 14:46:57

Highest Band Edge / 1 RB



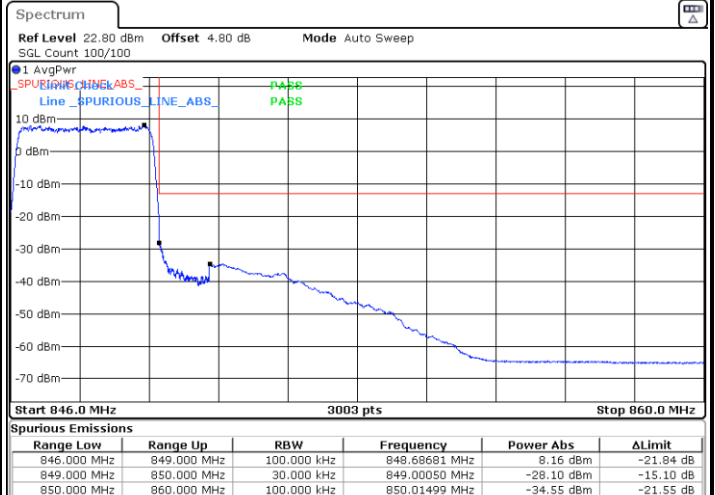
Date: 20 JUN.2022 15:51:17

Lowest Band Edge / Full RB



Date: 20 JUN.2022 14:56:35

Highest Band Edge / Full RB

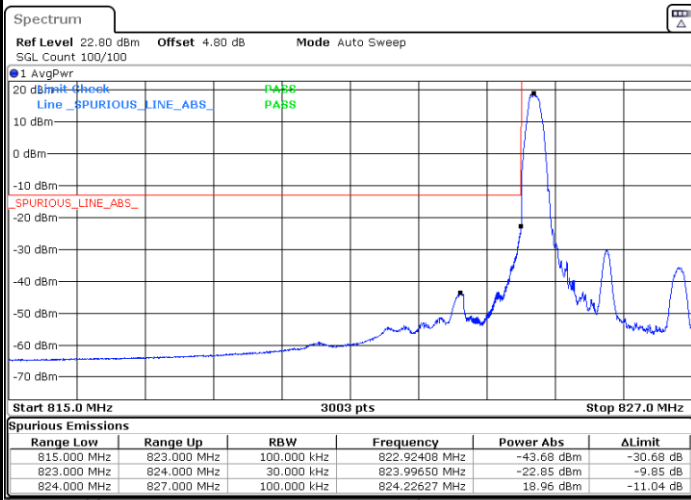


Date: 20 JUN.2022 15:49:51



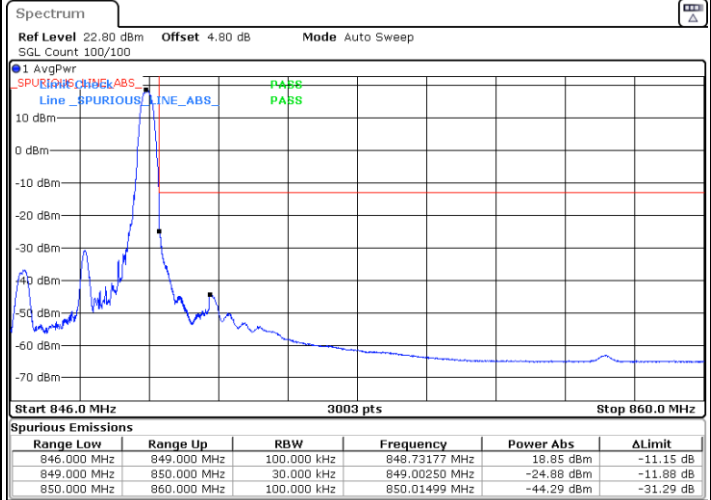
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



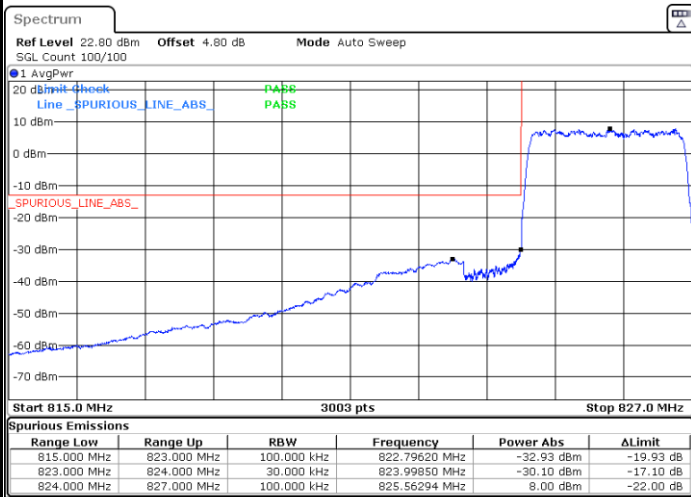
Date: 20 JUN.2022 14:48:06

Highest Band Edge / 1 RB



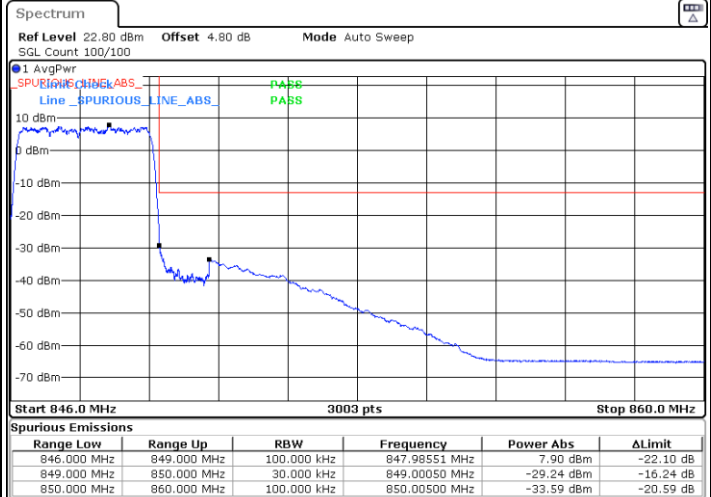
Date: 20 JUN.2022 15:52:51

Lowest Band Edge / Full RB



Date: 20 JUN.2022 14:55:17

Highest Band Edge / Full RB

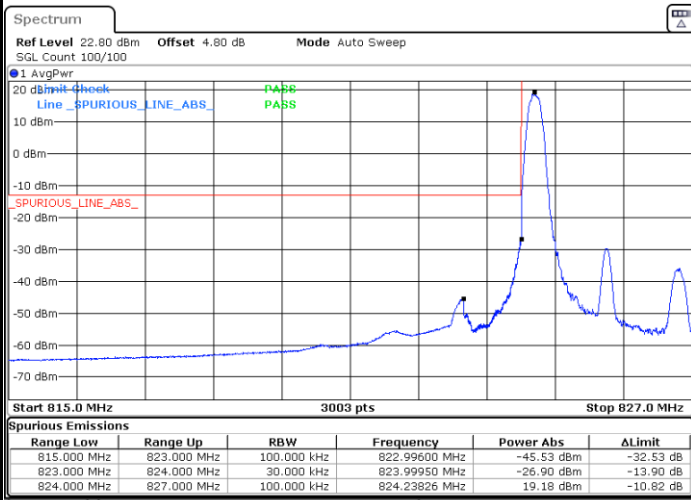


Date: 20 JUN.2022 15:48:47



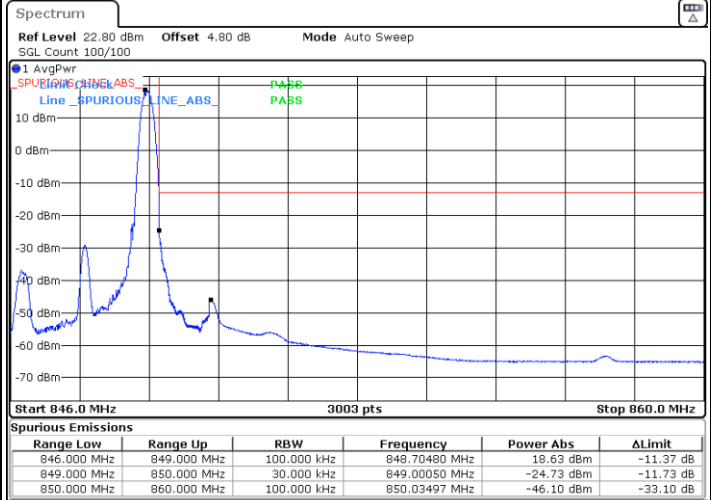
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



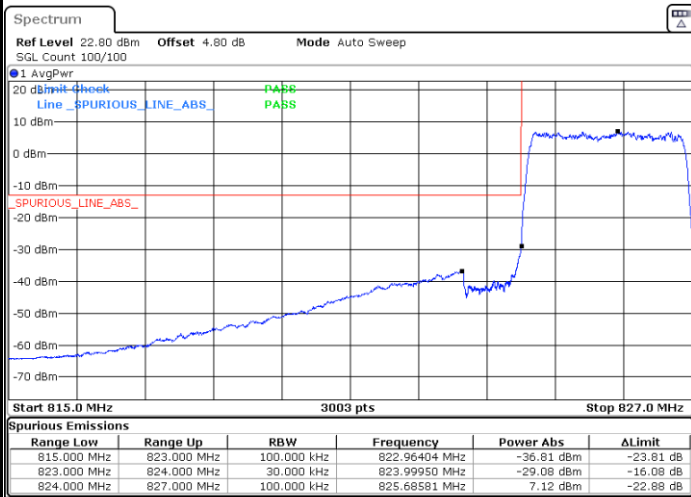
Date: 20 JUN.2022 14:50:26

Highest Band Edge / 1 RB



Date: 20 JUN.2022 15:55:10

Lowest Band Edge / Full RB



Date: 20 JUN.2022 14:53:58

Highest Band Edge / Full RB

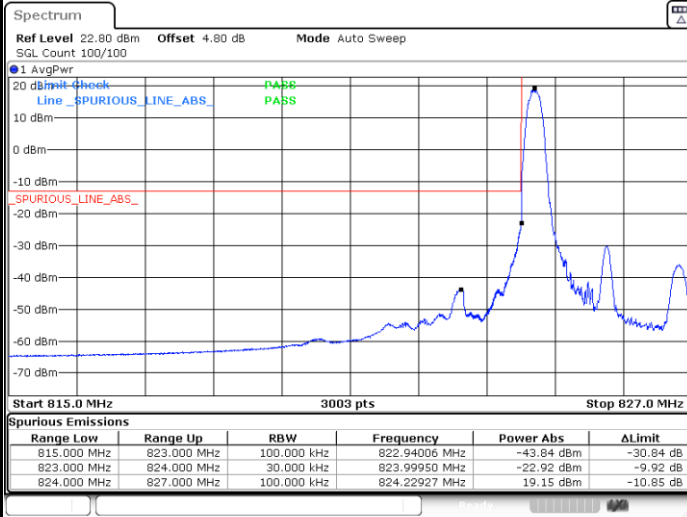


Date: 20 JUN.2022 15:47:31



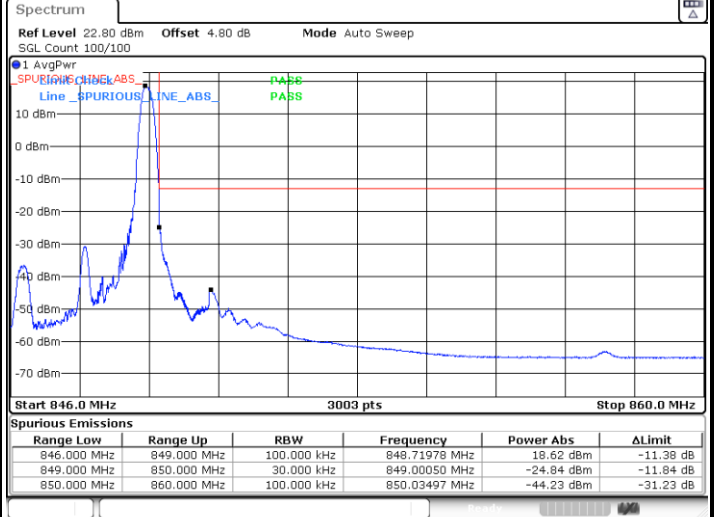
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



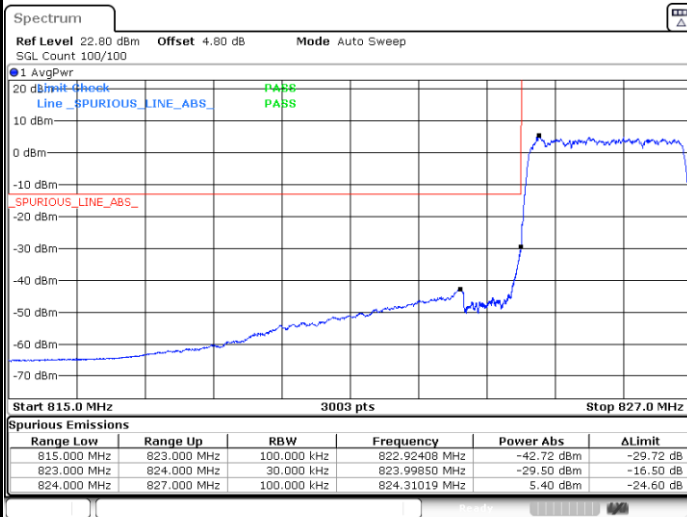
Date: 20 JUN 2022 14:49:21

Highest Band Edge / 1 RB



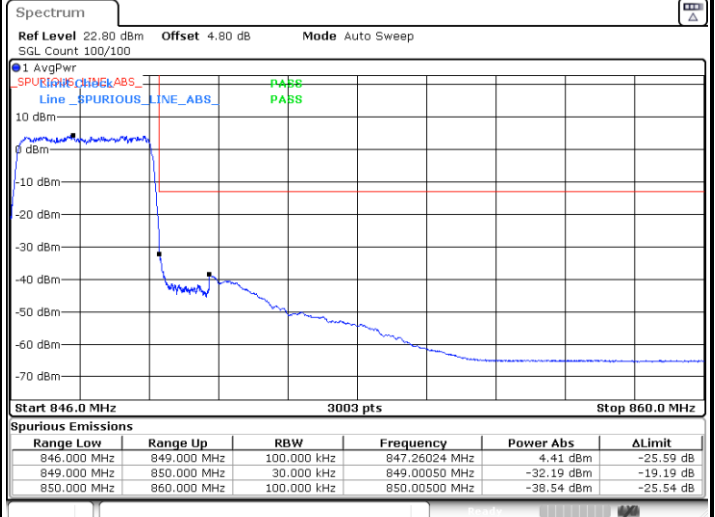
Date: 20 JUN 2022 15:53:55

Lowest Band Edge / Full RB



Date: 20 JUN 2022 14:52:47

Highest Band Edge / Full RB



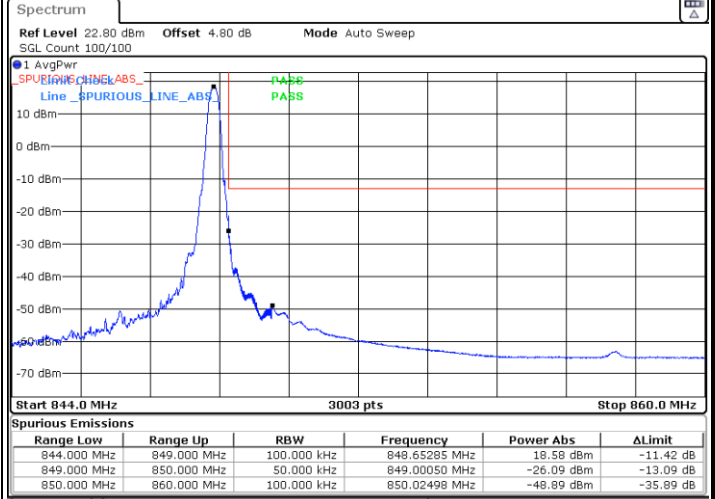
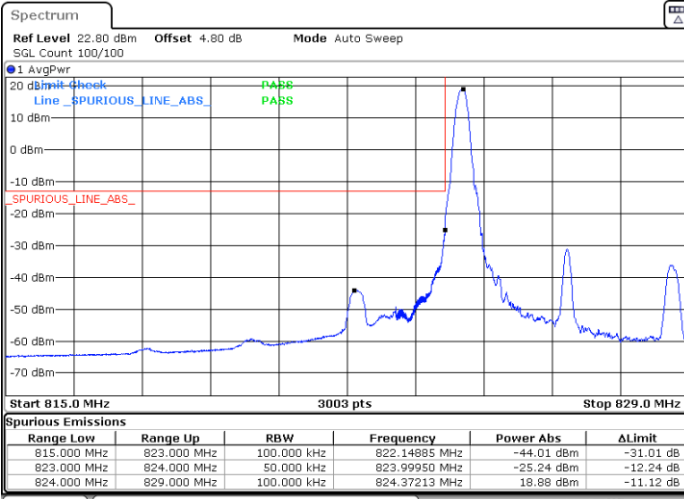
Date: 20 JUN 2022 14:58:26



LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

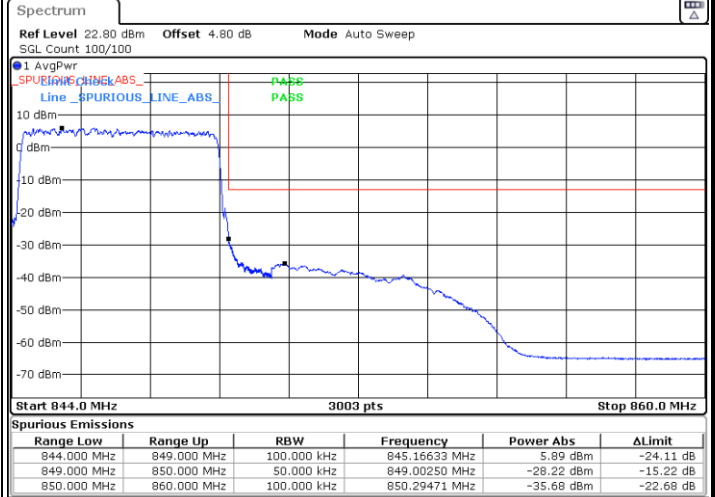
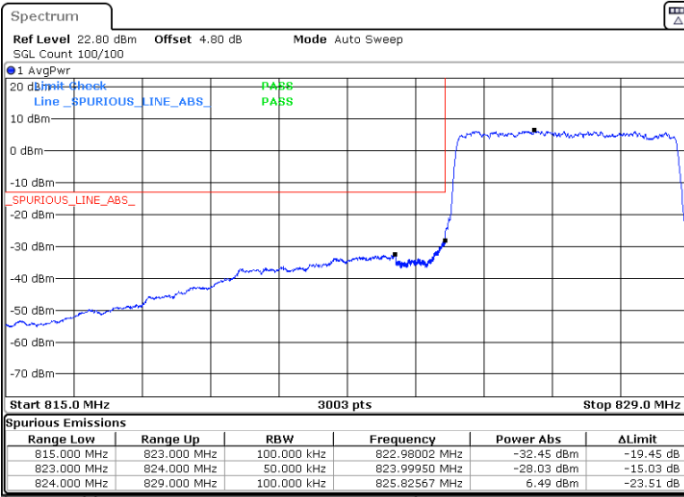


Date: 20 JUN.2022 16:02:25

Date: 20 JUN.2022 16:20:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



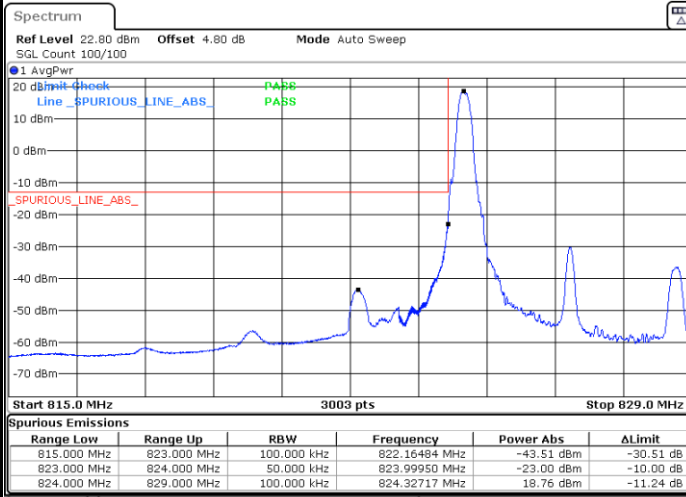
Date: 20 JUN.2022 16:10:32

Date: 20 JUN.2022 16:11:59



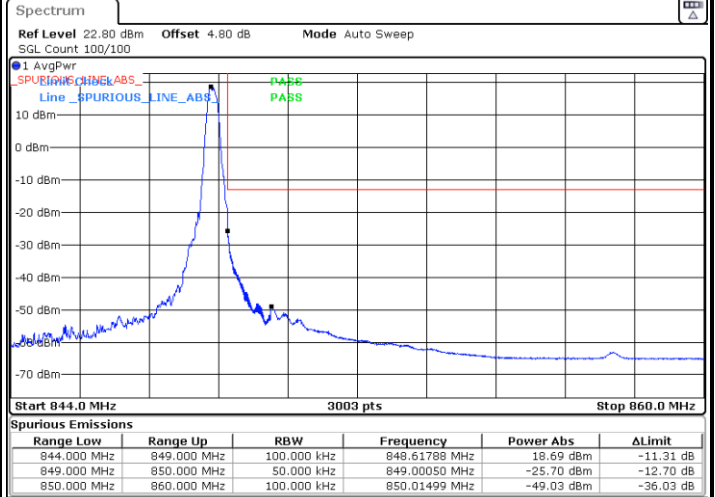
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



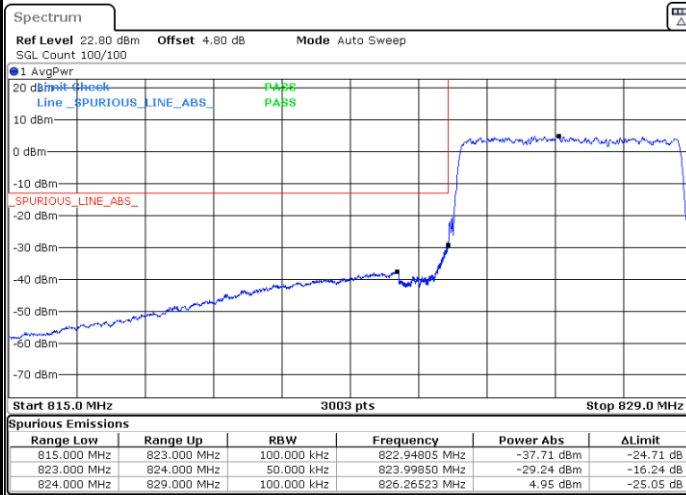
Date: 20 JUN.2022 16:03:20

Highest Band Edge / 1 RB



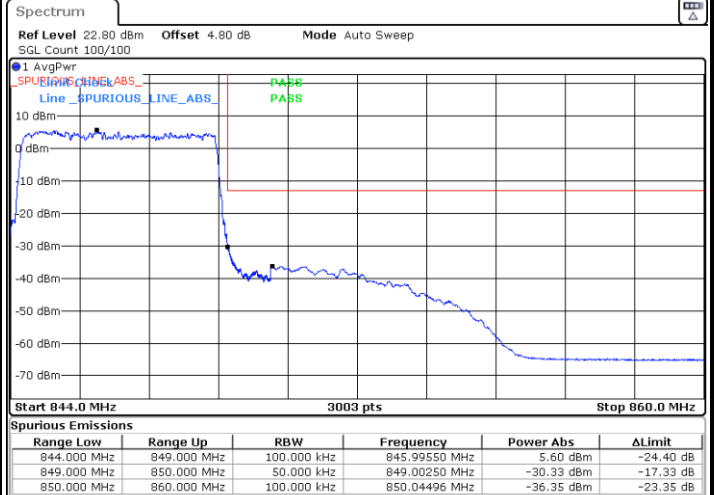
Date: 20 JUN.2022 16:19:19

Lowest Band Edge / Full RB



Date: 20 JUN.2022 16:09:36

Highest Band Edge / Full RB

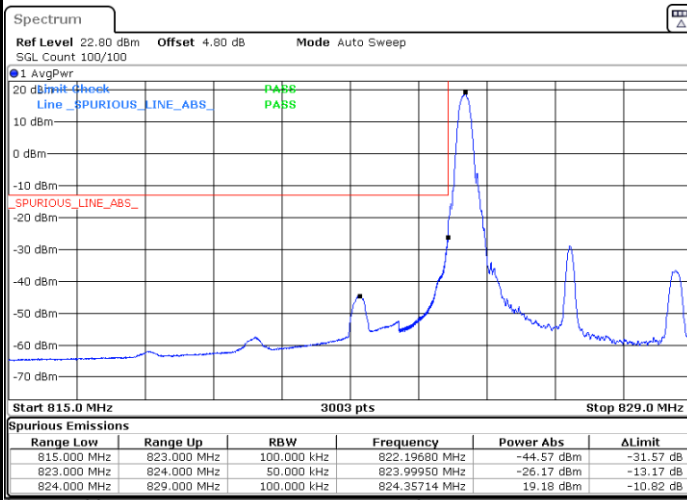


Date: 20 JUN.2022 16:13:10



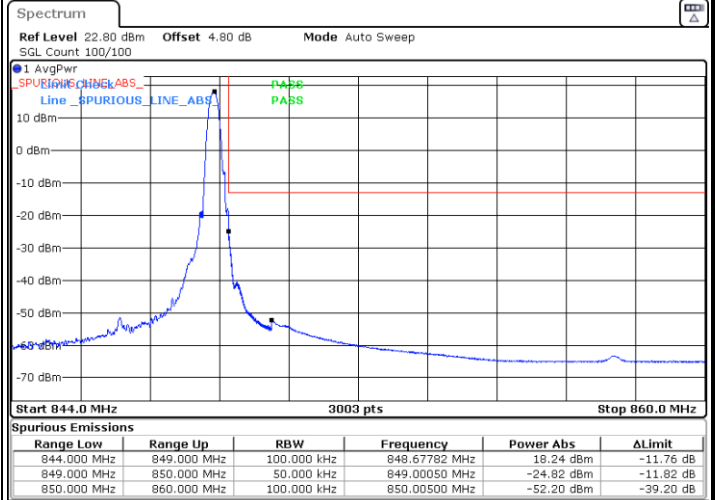
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



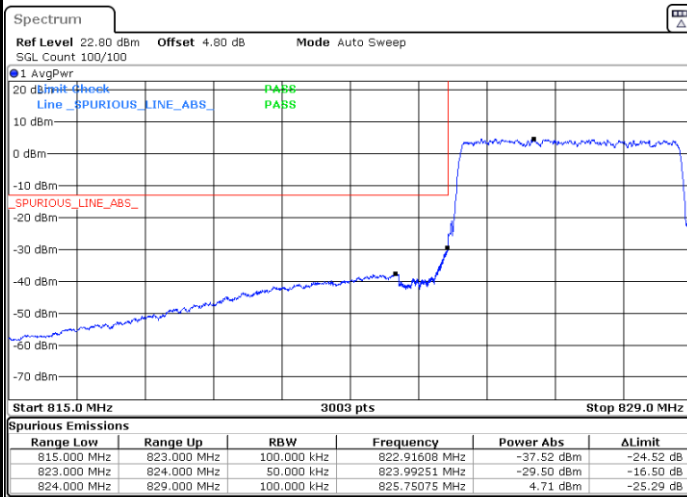
Date: 20 JUN.2022 16:06:08

Highest Band Edge / 1 RB



Date: 20 JUN.2022 16:18:24

Lowest Band Edge / Full RB



Date: 20 JUN.2022 16:08:45

Highest Band Edge / Full RB

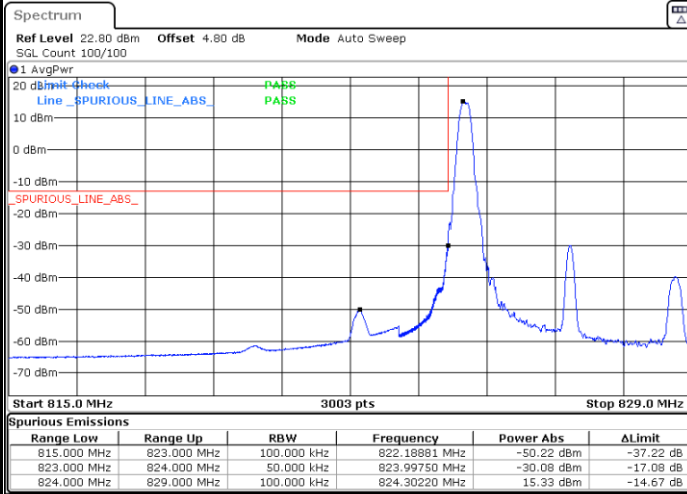


Date: 20 JUN.2022 16:15:17



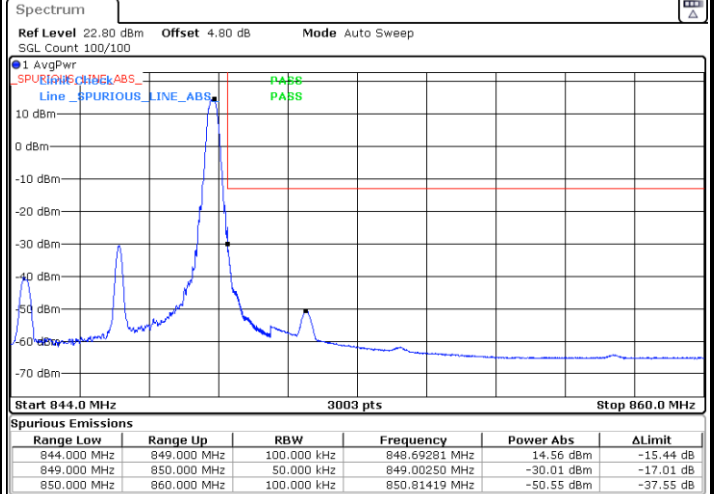
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



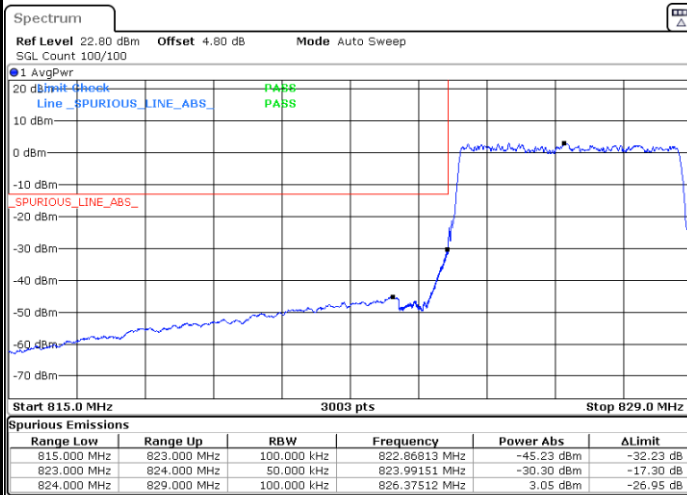
Date: 20 JUN.2022 16:04:46

Highest Band Edge / 1 RB



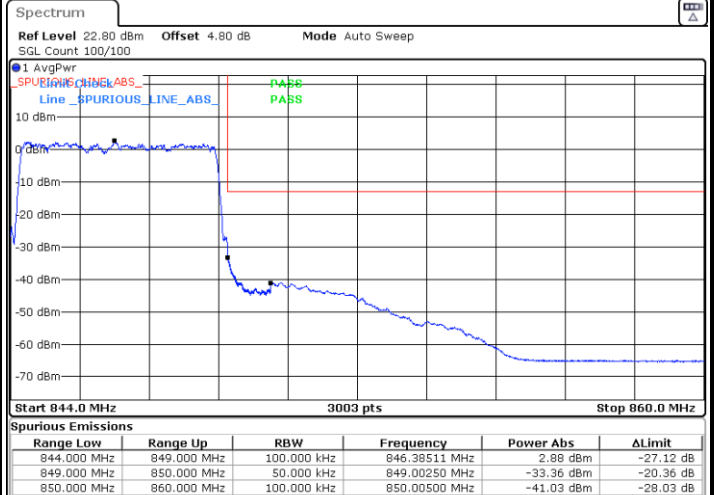
Date: 20 JUN.2022 16:16:54

Lowest Band Edge / Full RB



Date: 20 JUN.2022 16:07:31

Highest Band Edge / Full RB

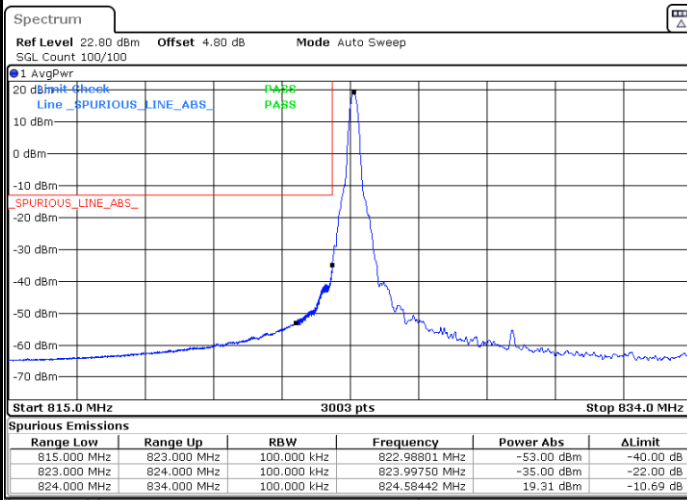


Date: 20 JUN.2022 16:14:10



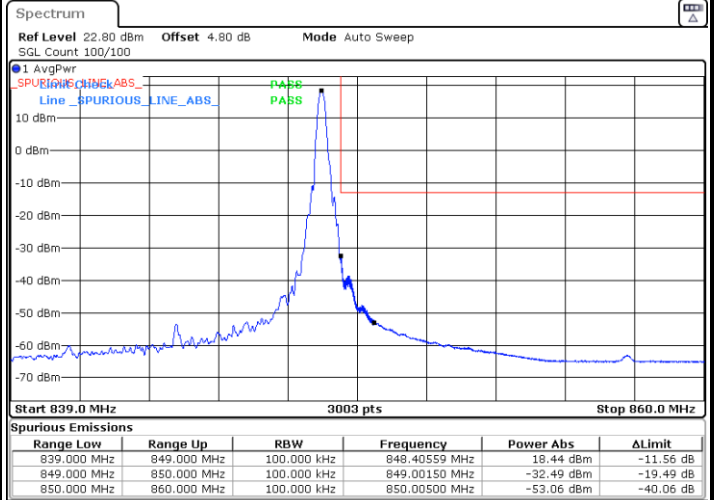
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



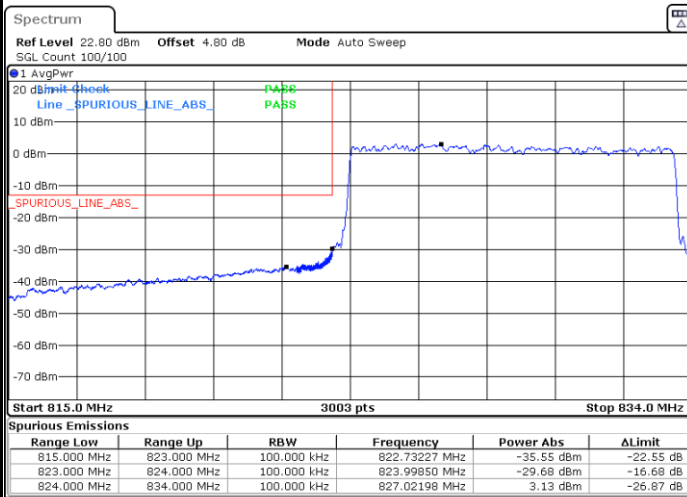
Date: 20 JUN.2022 16:46:45

Highest Band Edge / 1 RB



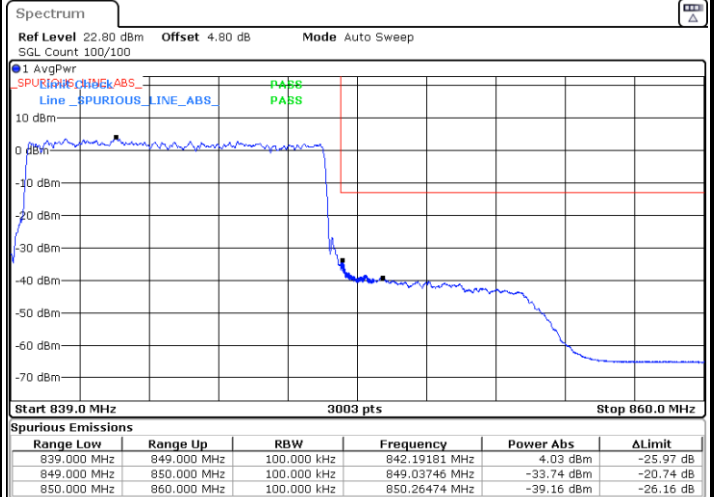
Date: 20 JUN.2022 17:02:11

Lowest Band Edge / Full RB



Date: 20 JUN.2022 16:54:40

Highest Band Edge / Full RB

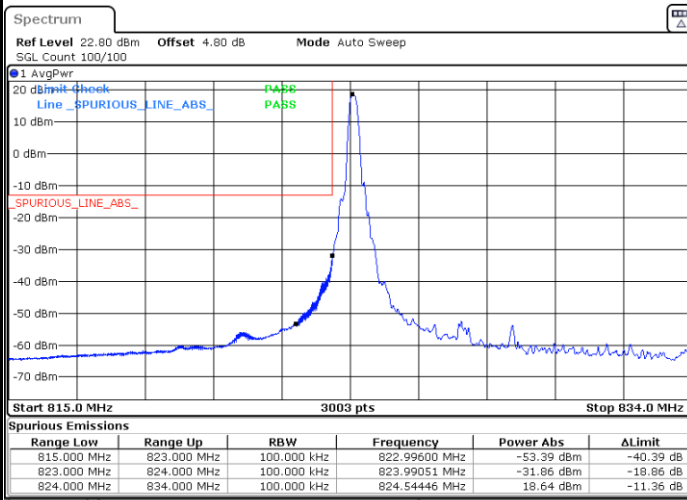


Date: 20 JUN.2022 16:55:47



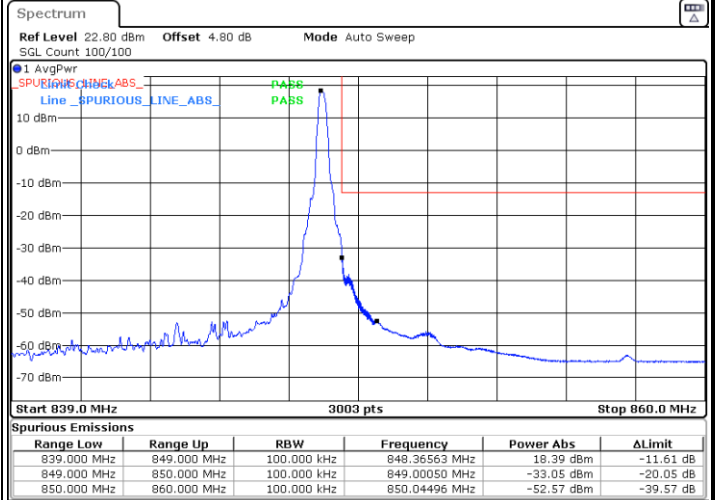
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



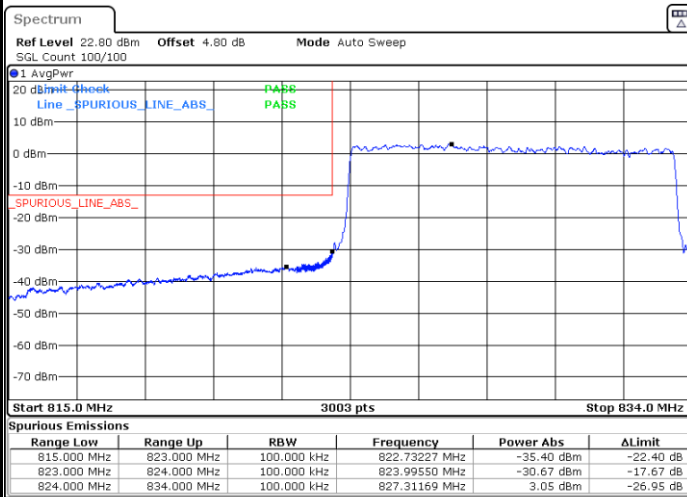
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Highest Band Edge / 1 RB



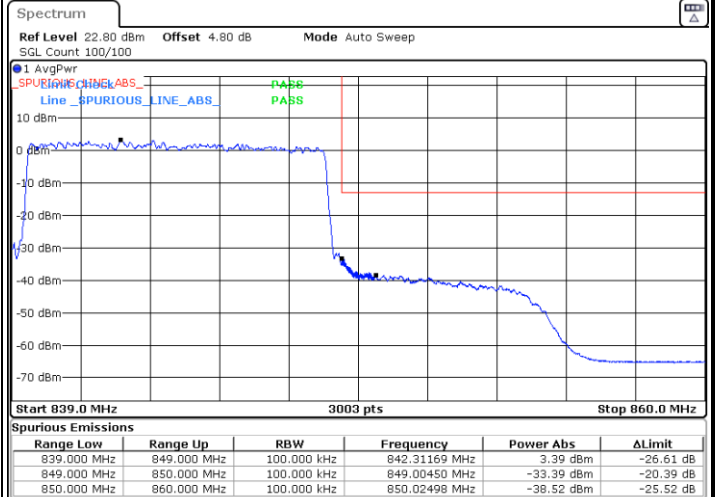
Date: 20 JUN.2022 17:01:30

Lowest Band Edge / Full RB



Date: 20 JUN.2022 16:53:44

Highest Band Edge / Full RB



Date: 20 JUN.2022 16:56:39