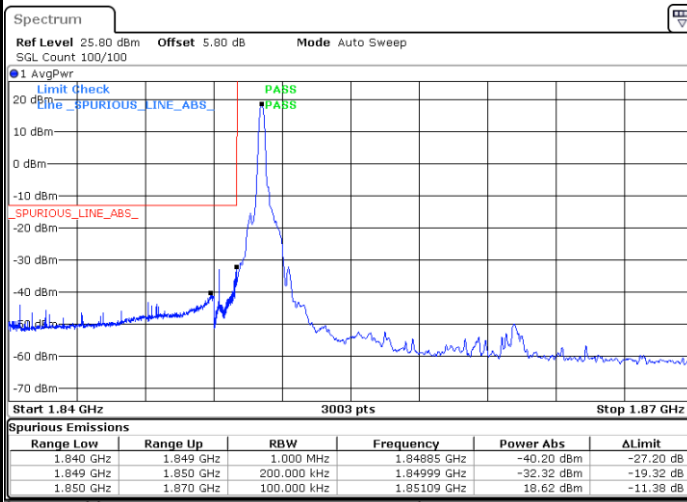




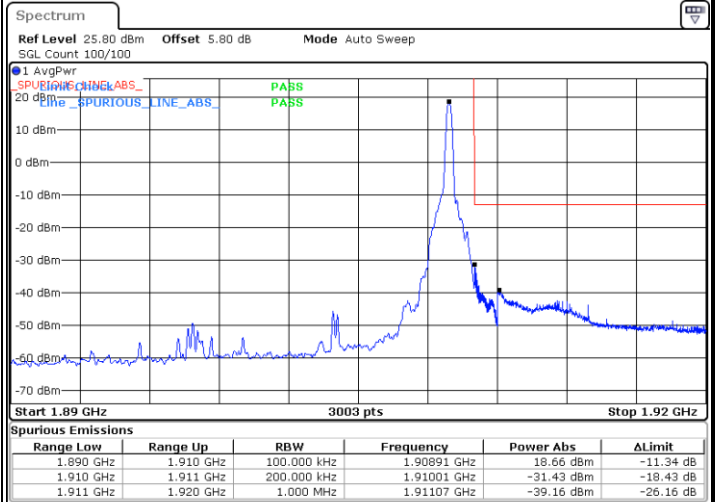
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



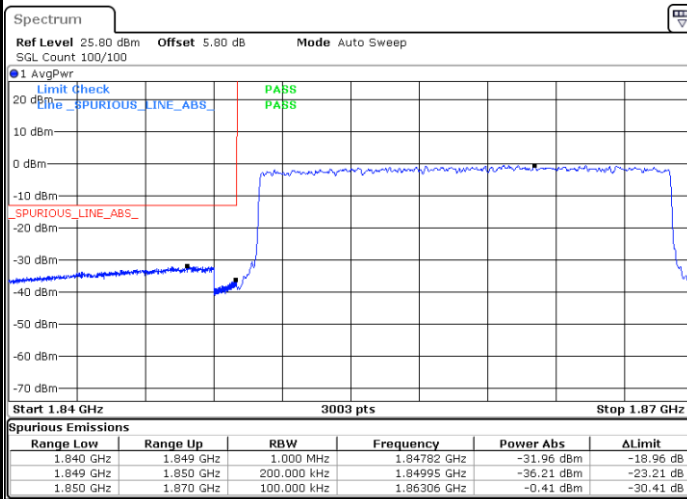
Date: 23.JUN.2021 14:11:26

Highest Band Edge / 1 RB



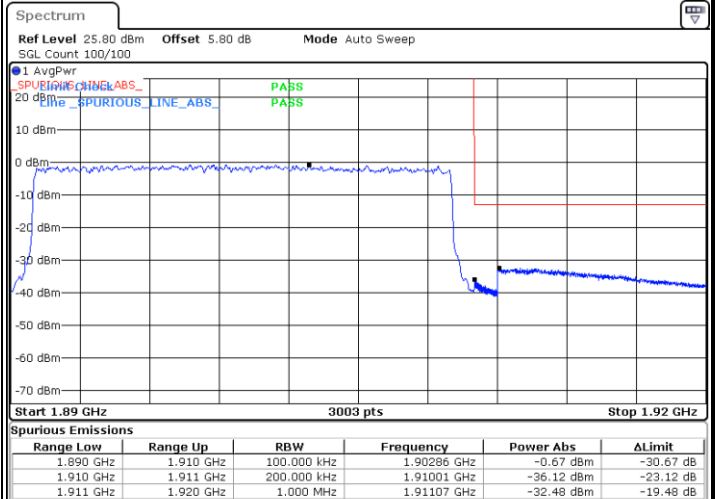
Date: 23.JUN.2021 14:16:22

Lowest Band Edge / Full RB



Date: 23.JUN.2021 14:13:18

Highest Band Edge / Full RB

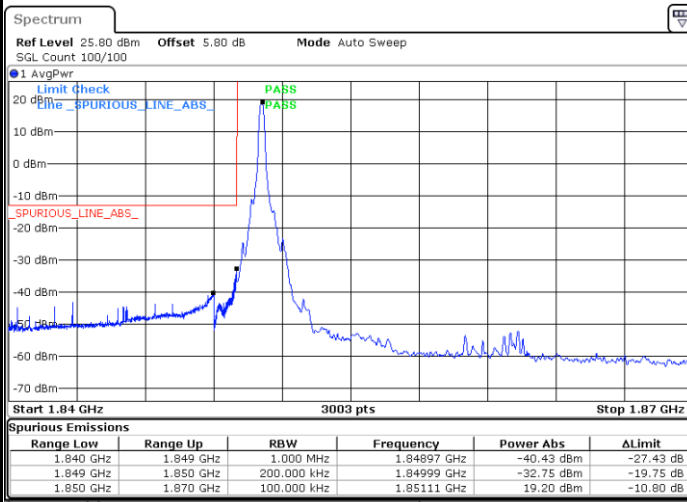


Date: 23.JUN.2021 14:14:48



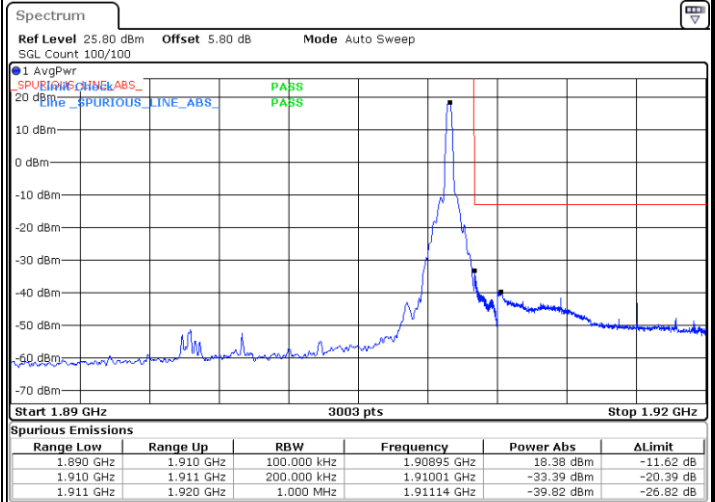
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



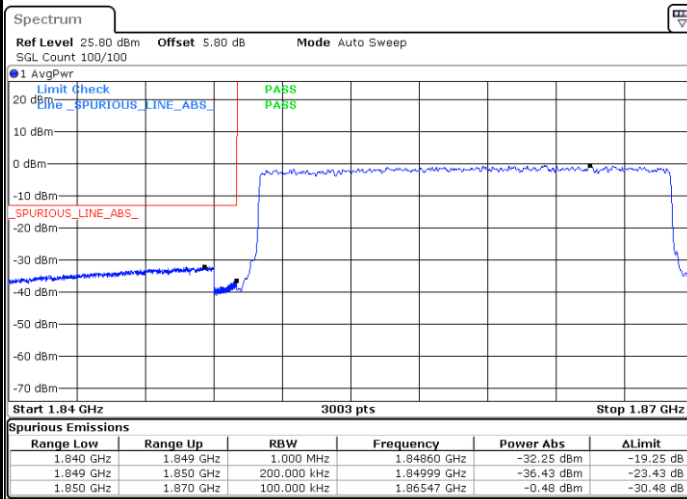
Date: 23.JUN.2021 14:12:06

Highest Band Edge / 1 RB



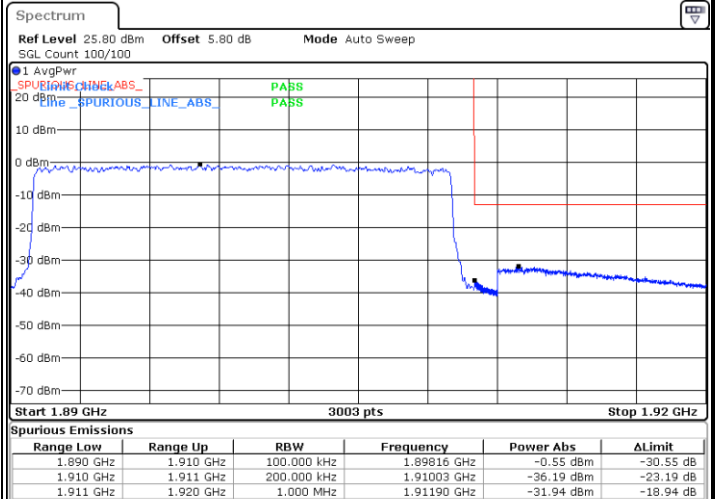
Date: 23.JUN.2021 14:15:53

Lowest Band Edge / Full RB



Date: 23.JUN.2021 14:12:48

Highest Band Edge / Full RB

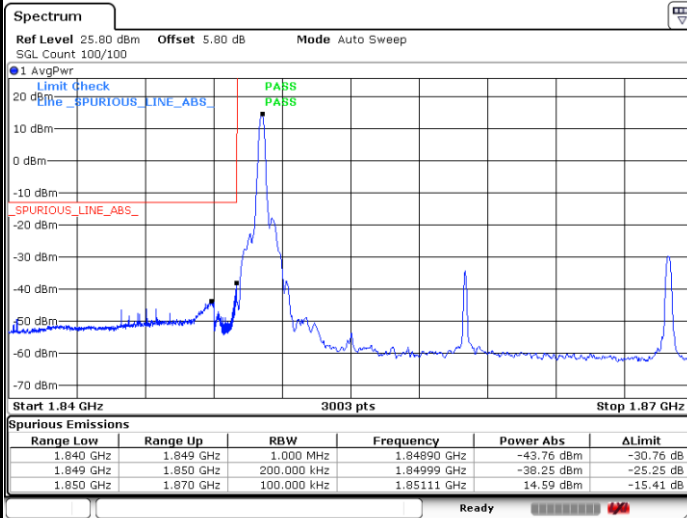


Date: 23.JUN.2021 14:15:23

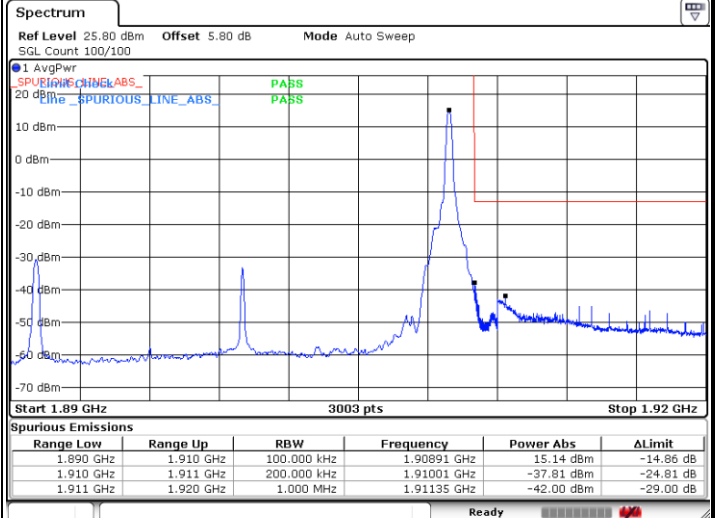


LTE Band 2 / 20MHz / 256QAM

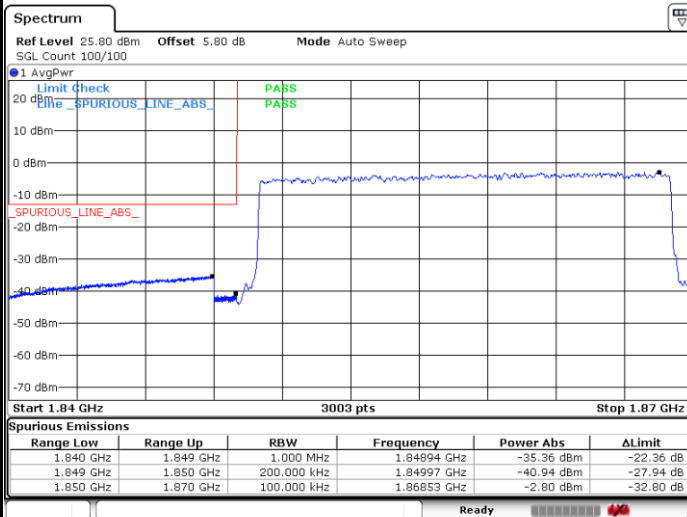
Lowest Band Edge / 1 RB



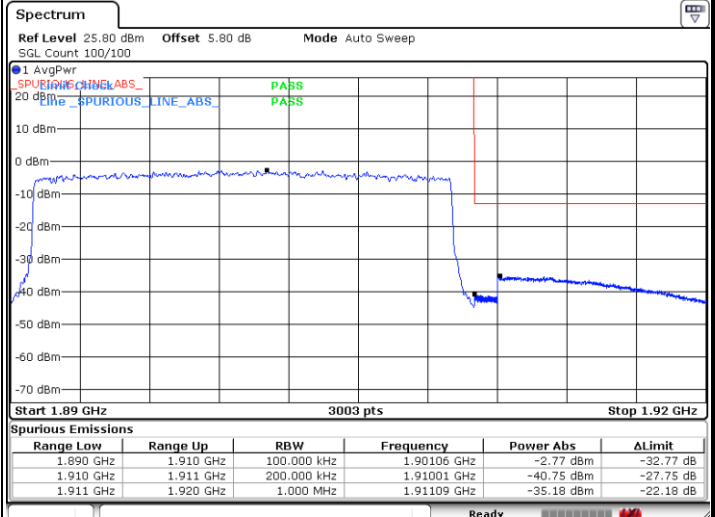
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

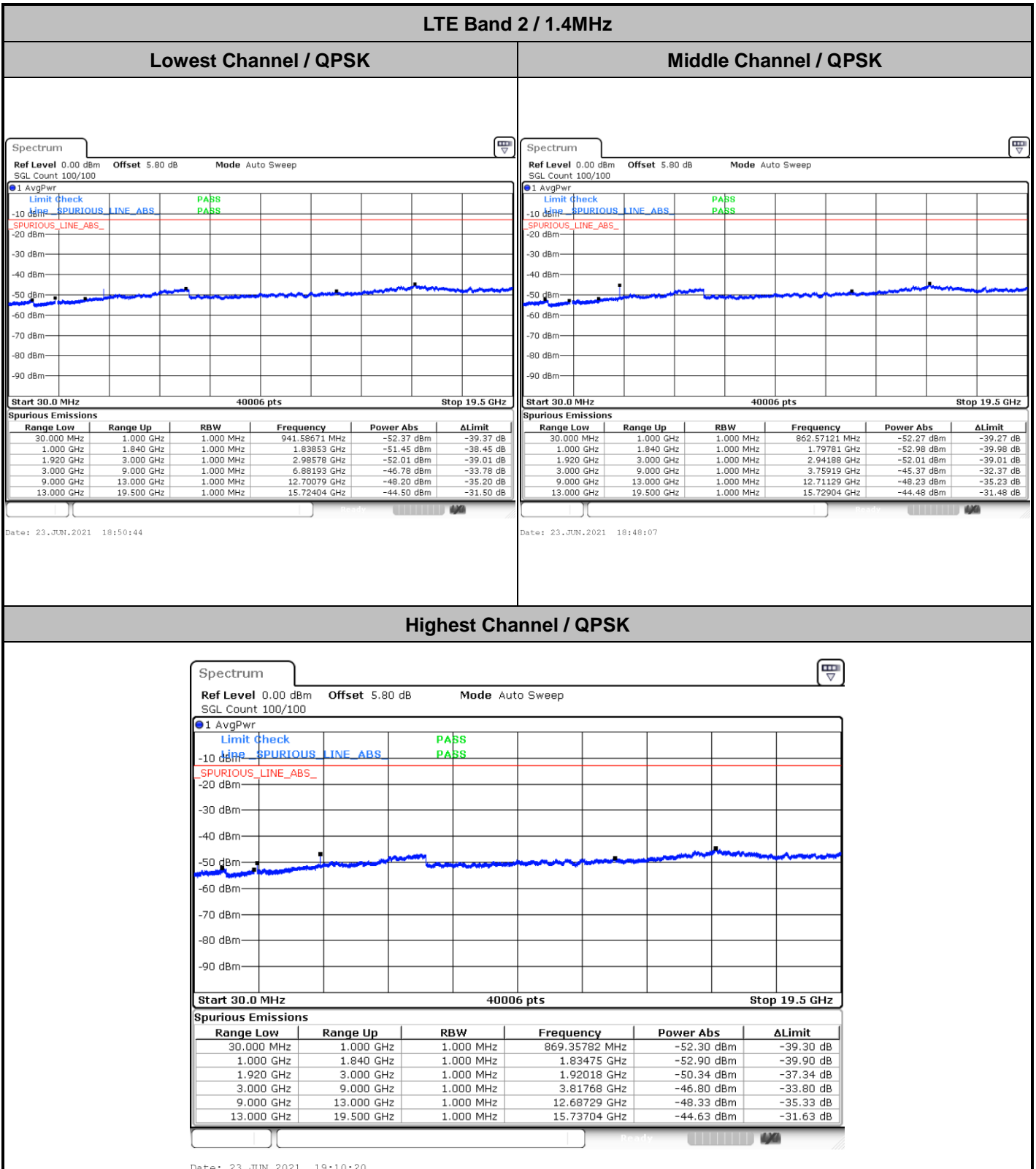


Highest Band Edge / Full RB





Conducted Spurious Emission

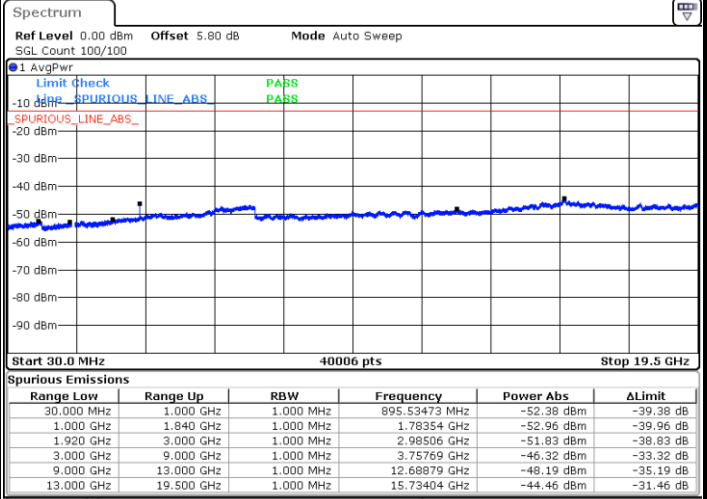
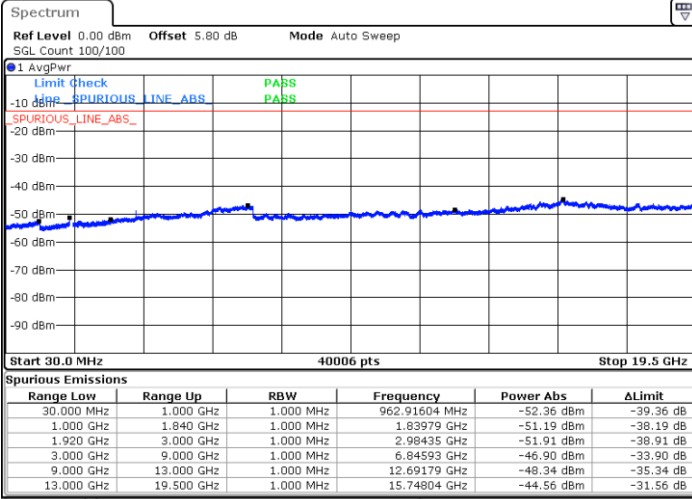




LTE Band 2 / 3MHz

Lowest Channel / QPSK

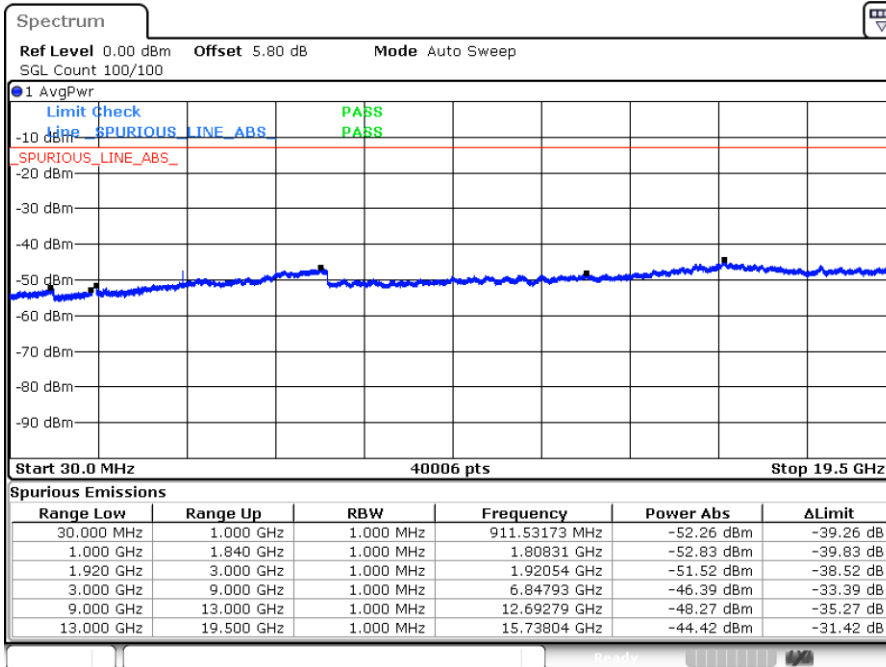
Middle Channel / QPSK



Date: 23 JUN 2021 15:18:09

Date: 23 JUN 2021 15:16:12

Highest Channel / QPSK



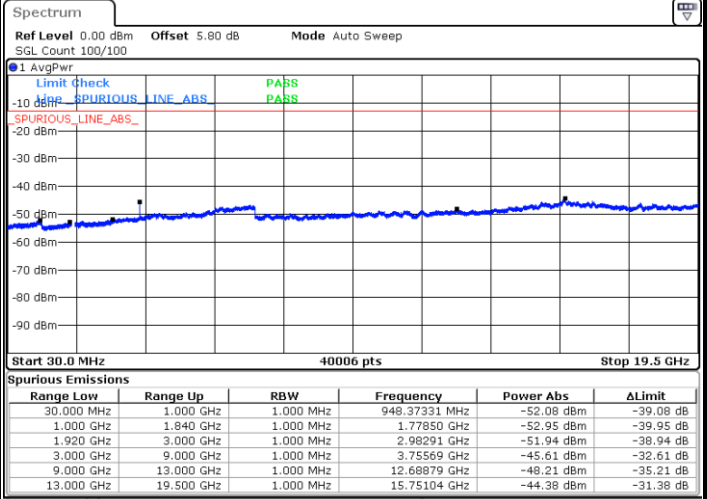
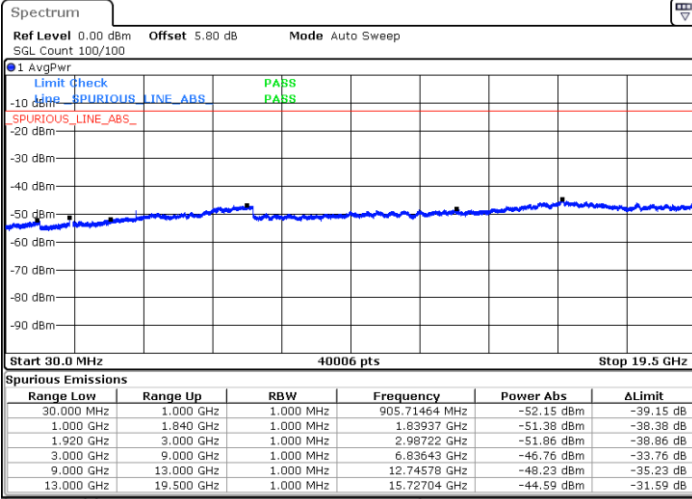
Date: 23 JUN 2021 15:34:10



LTE Band 2 / 5MHz

Lowest Channel / QPSK

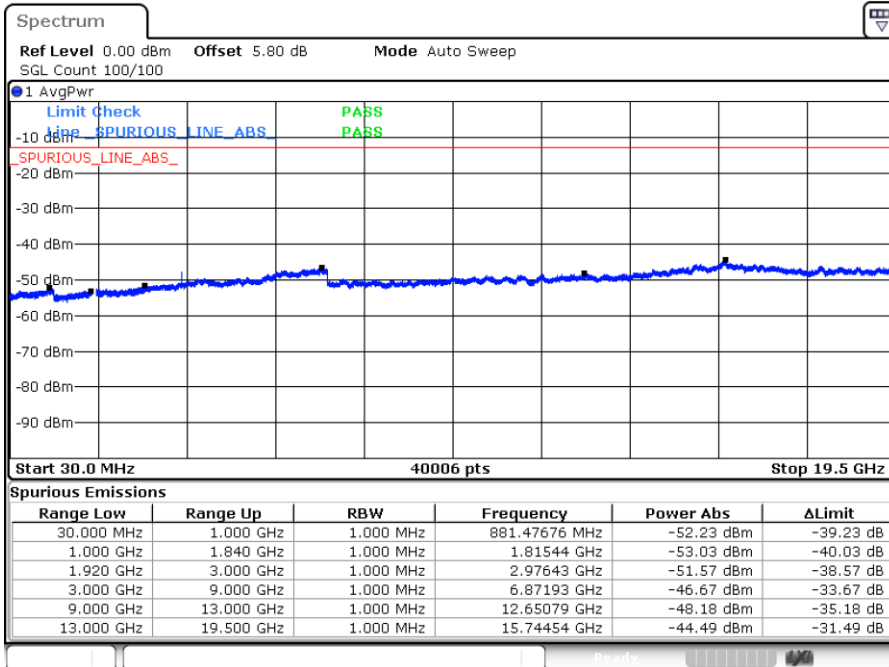
Middle Channel / QPSK



Date: 23 JUN 2021 14:58:24

Date: 23 JUN 2021 14:50:54

Highest Channel / QPSK



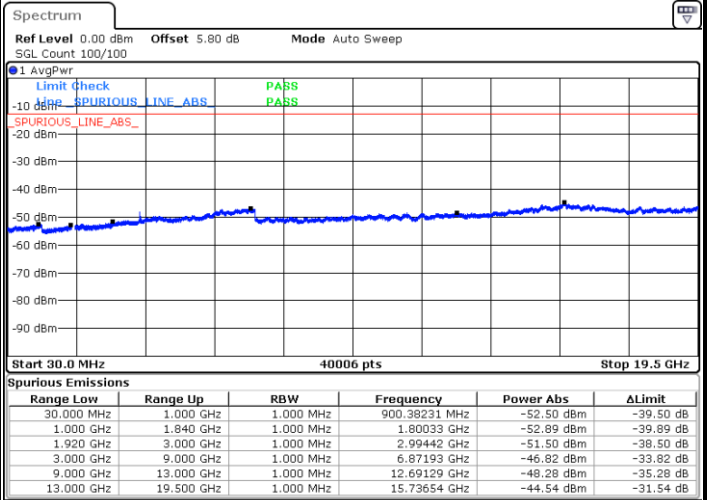
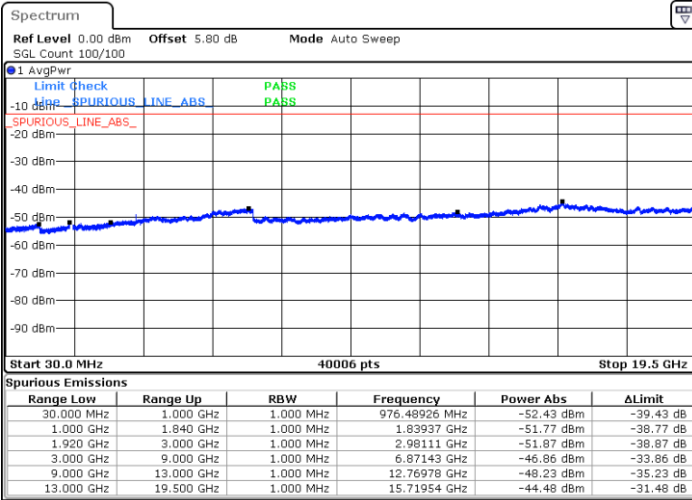
Date: 23 JUN 2021 15:11:38



LTE Band 2 / 10MHz

Lowest Channel / QPSK

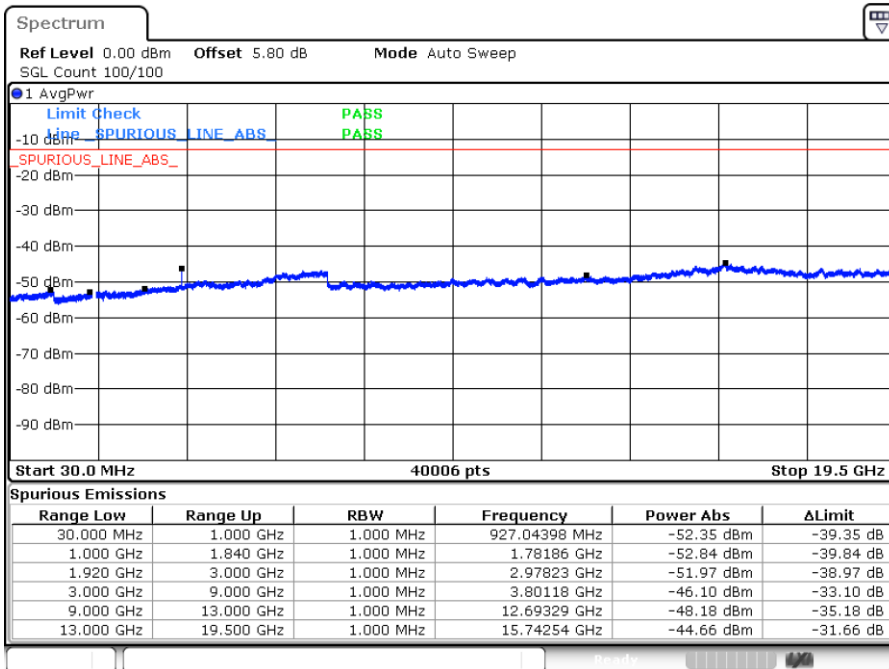
Middle Channel / QPSK



Date: 23 JUN 2021 14:37:57

Date: 23 JUN 2021 14:36:28

Highest Channel / QPSK



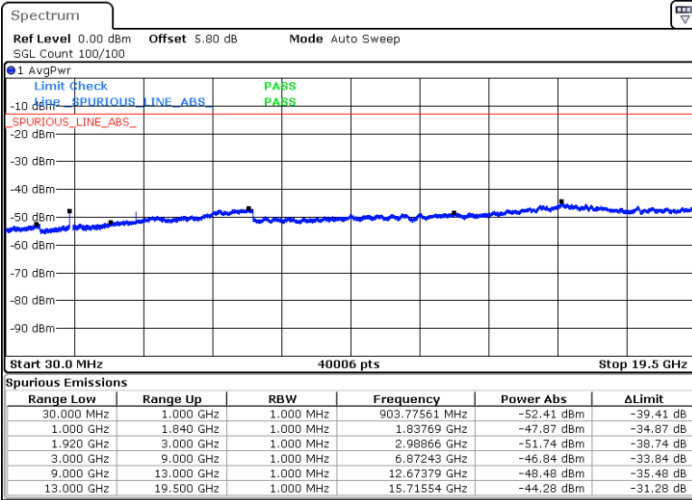
Date: 23 JUN 2021 14:48:25



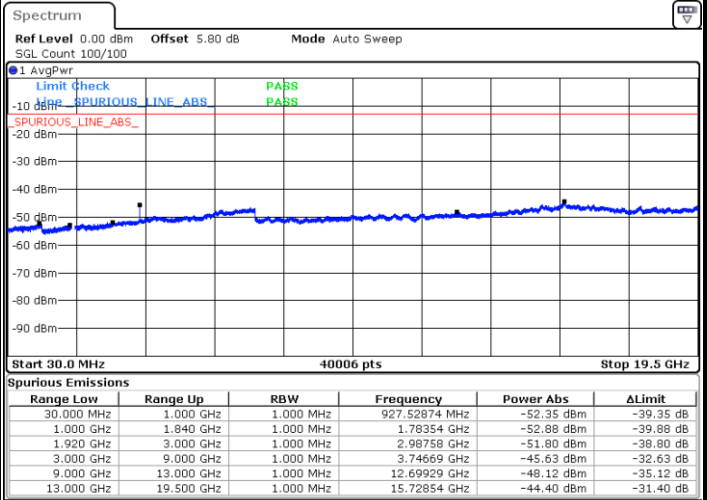
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

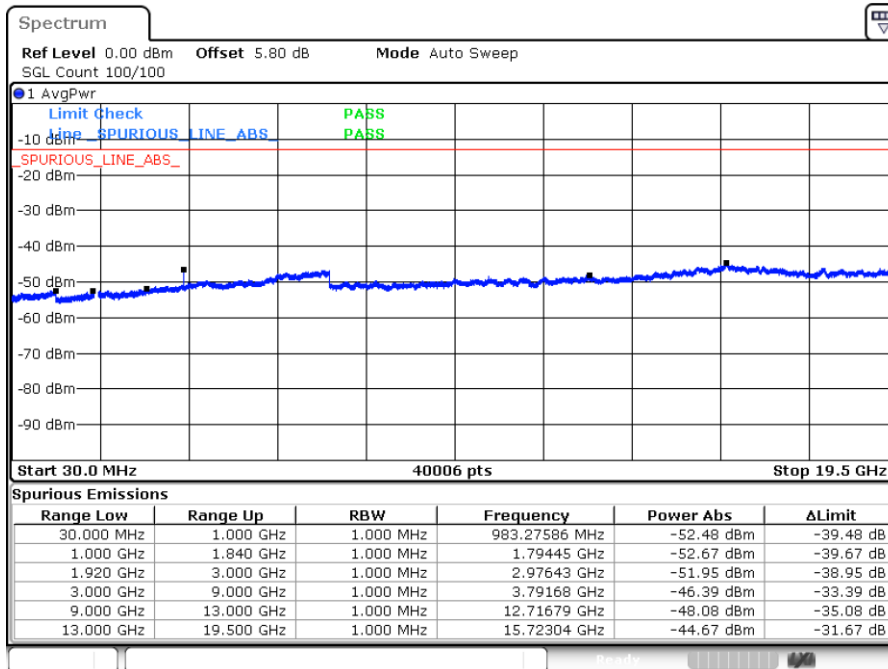


Date: 23 JUN 2021 14:26:02



Date: 23 JUN 2021 14:24:33

Highest Channel / QPSK



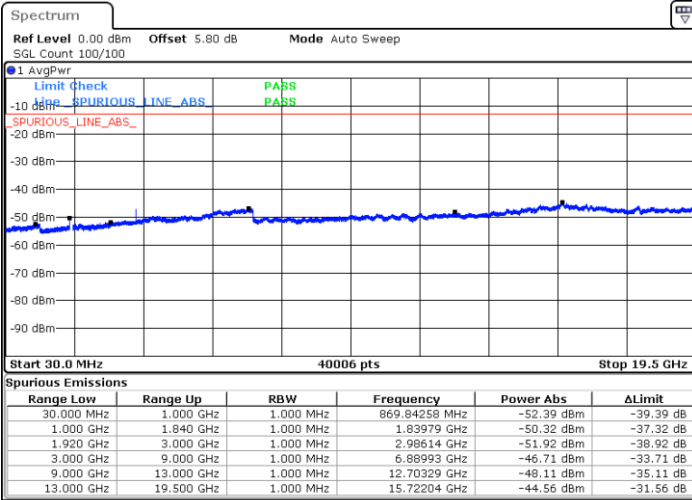
Date: 23 JUN 2021 14:34:52



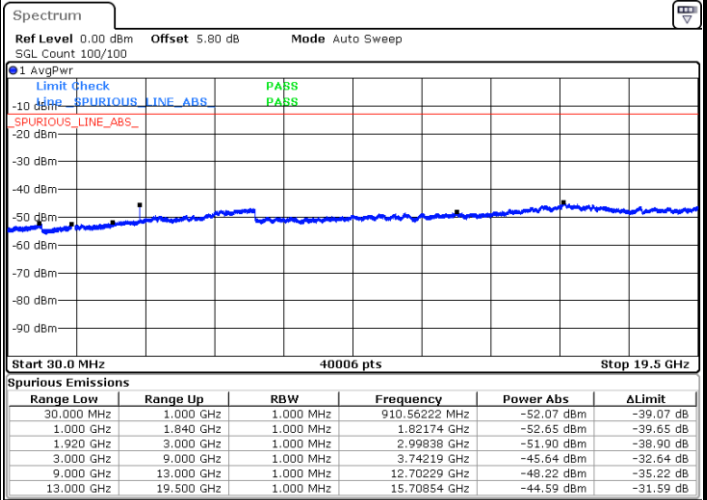
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

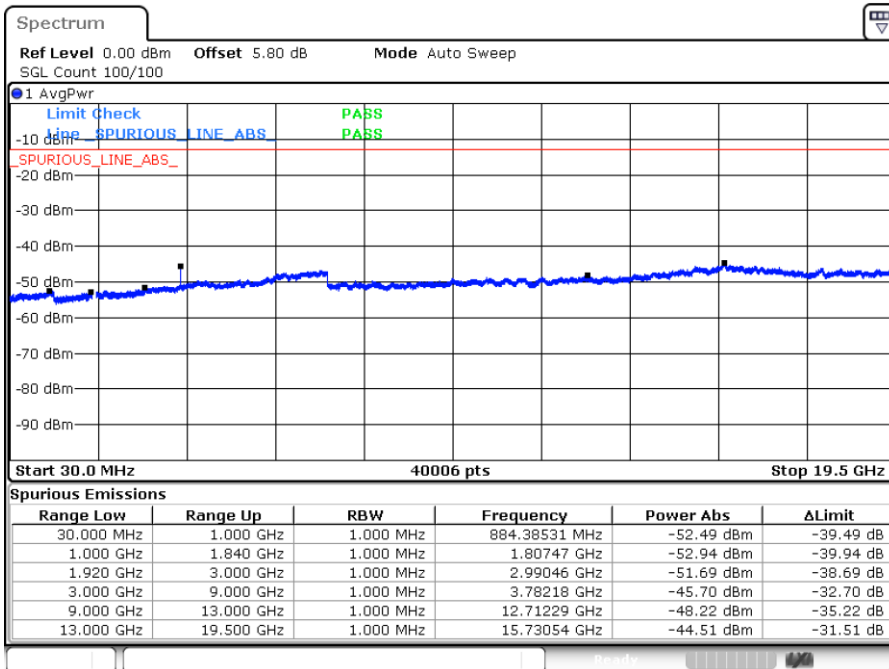


Date: 23 JUN 2021 14:09:55



Date: 23 JUN 2021 14:21:11

Highest Channel / QPSK



Date: 23 JUN 2021 14:19:14



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0009	

Note:

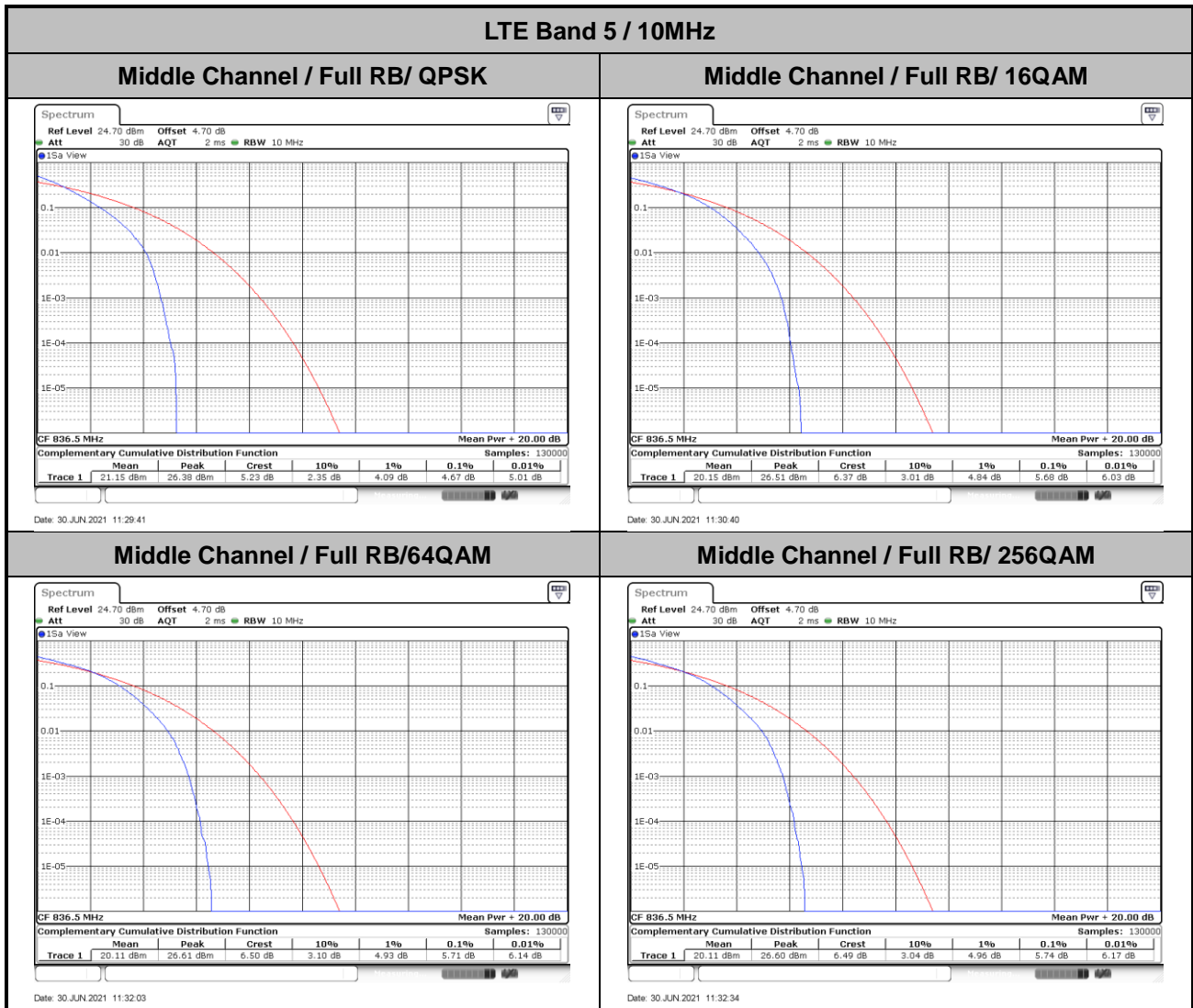
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

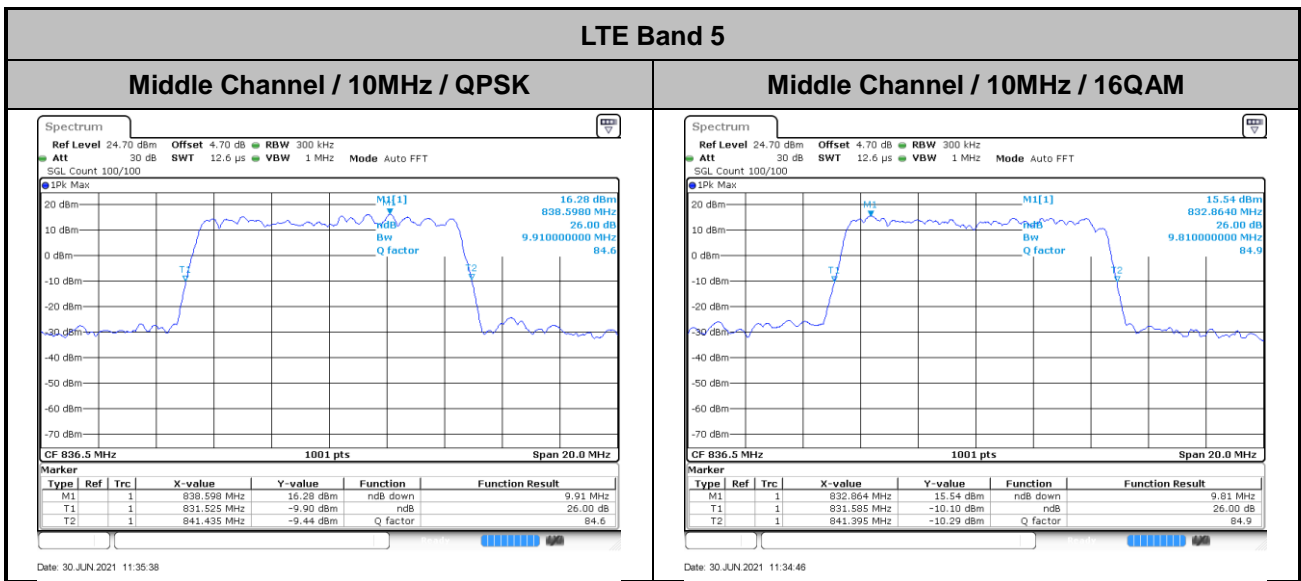
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.67	5.68	5.71	5.74	PASS





26dB Bandwidth

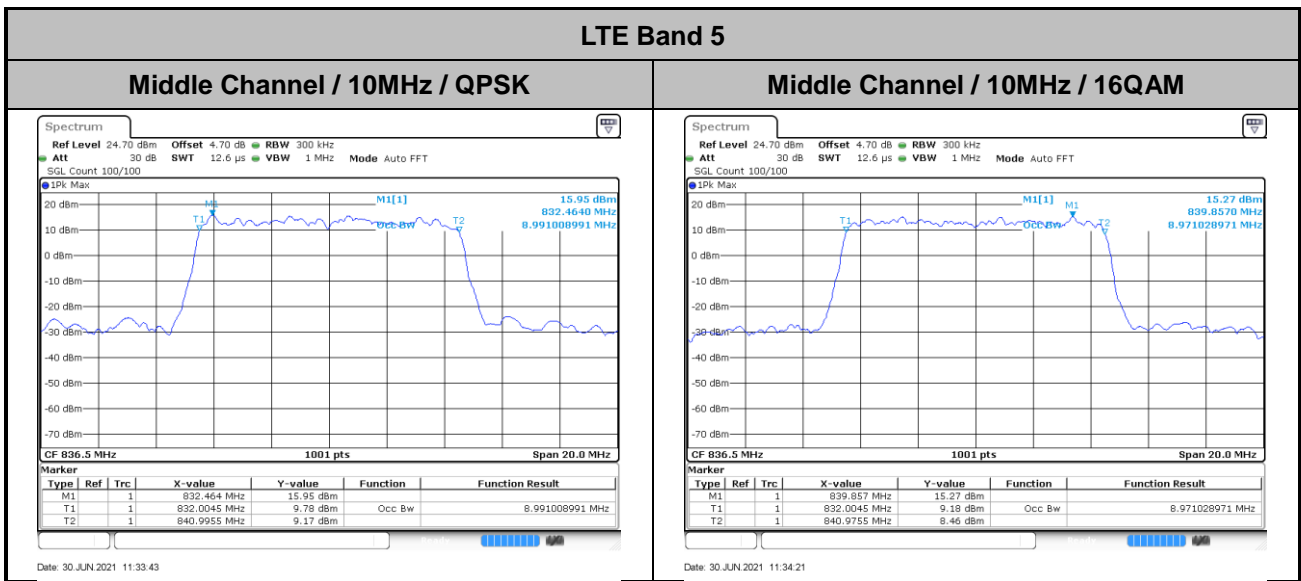
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	9.91	9.81





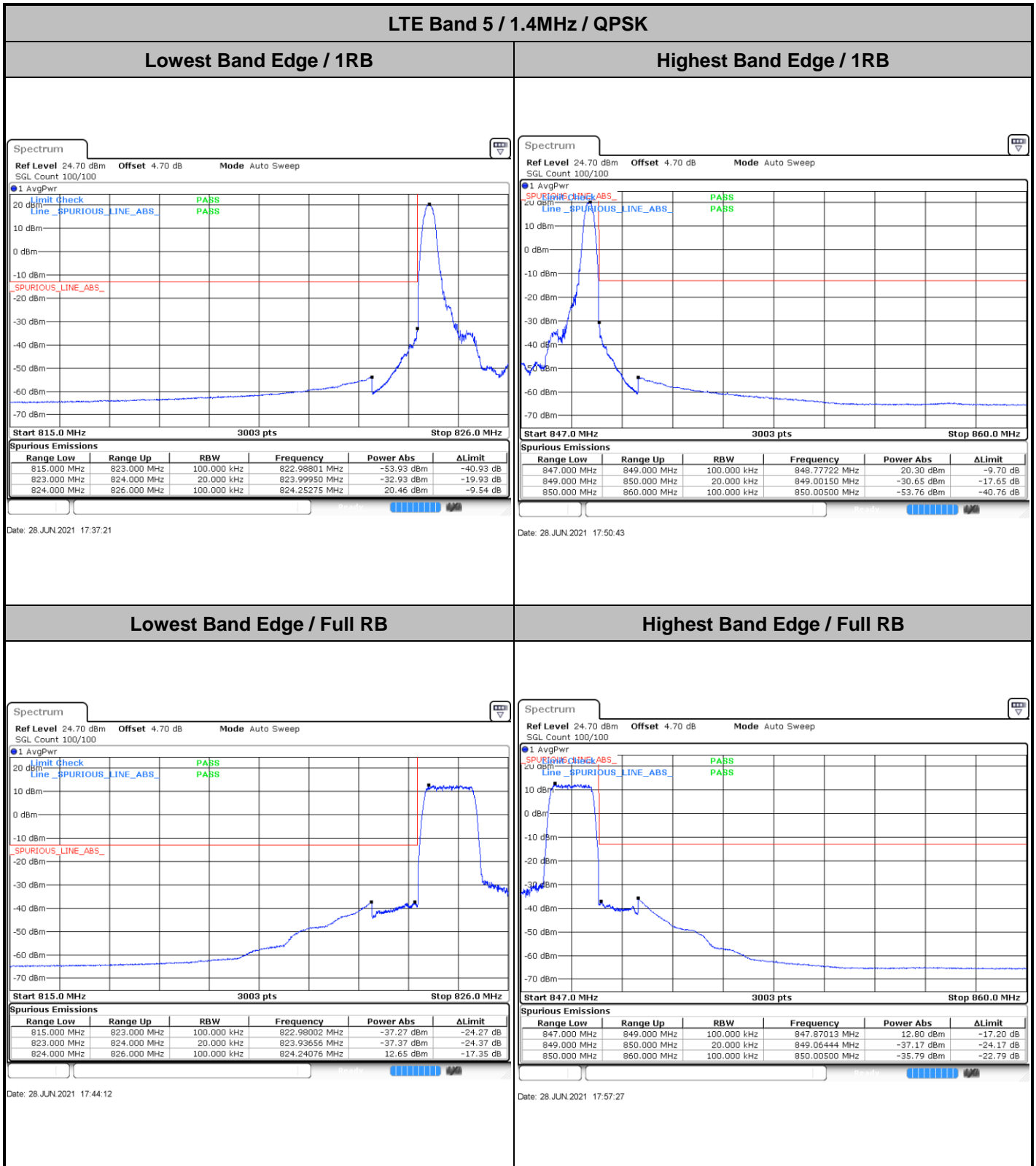
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	8.97





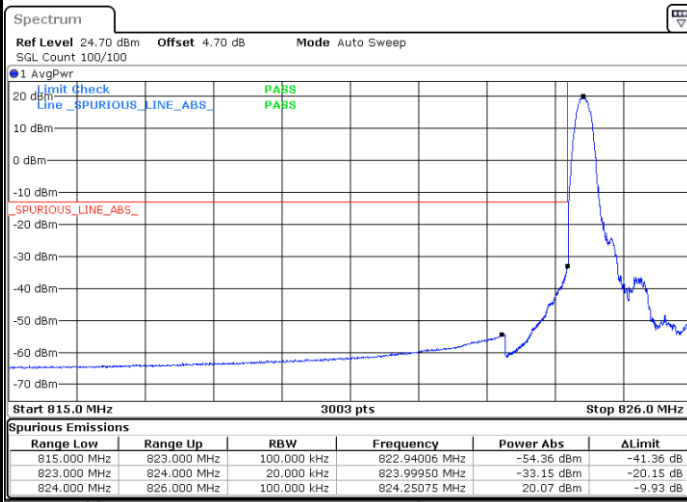
Conducted Band Edge





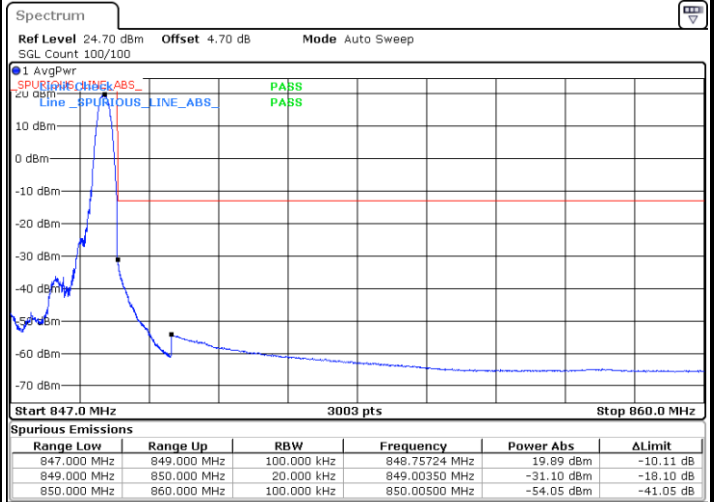
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



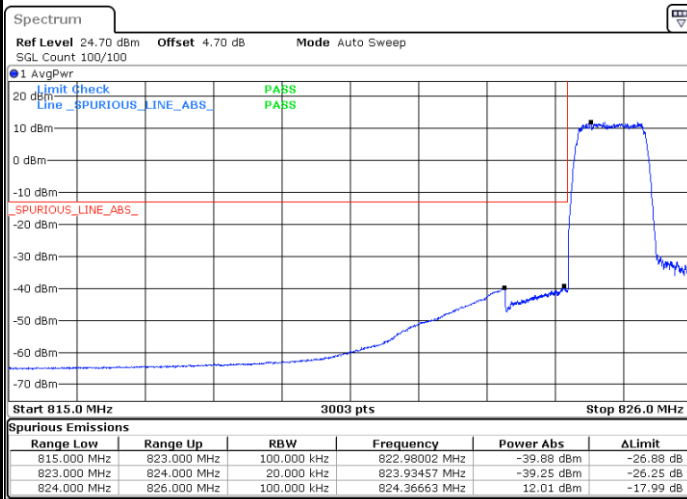
Date: 28 JUN 2021 17:39:02

Highest Band Edge / 1 RB



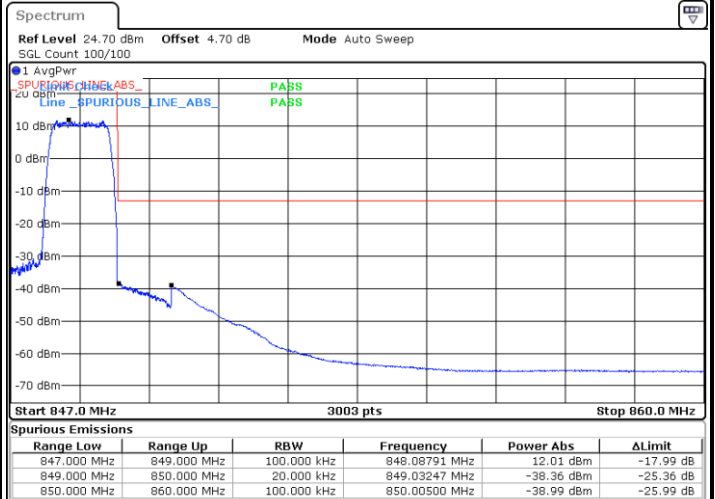
Date: 28 JUN 2021 17:52:24

Lowest Band Edge / Full RB



Date: 28 JUN 2021 17:45:46

Highest Band Edge / Full RB

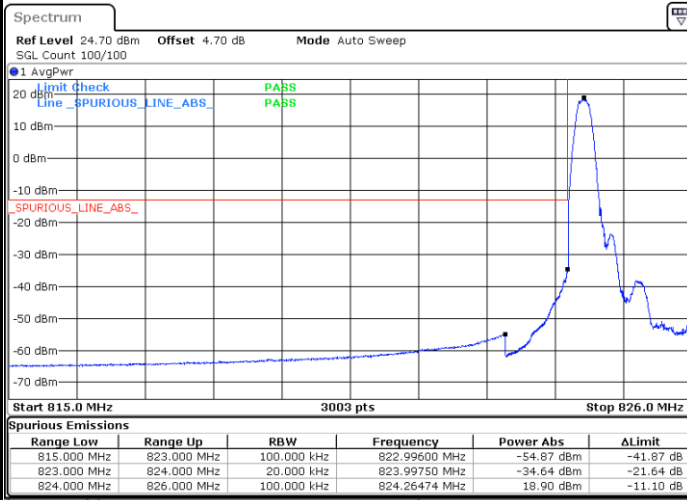


Date: 28 JUN 2021 17:59:04



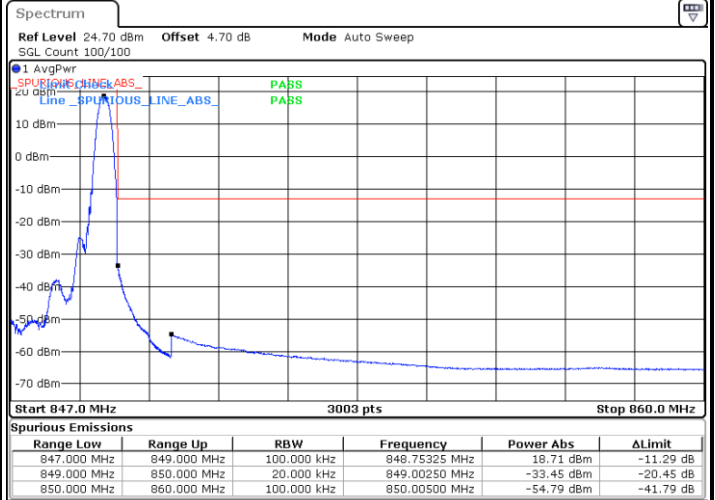
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



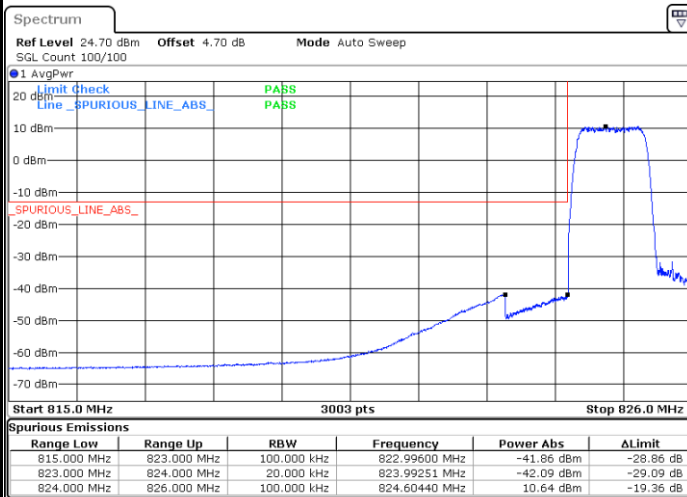
Date: 28 JUN 2021 17:40:32

Highest Band Edge / 1 RB



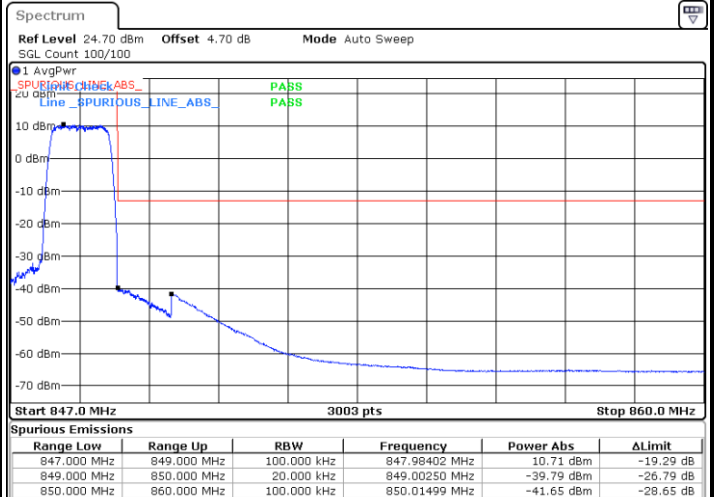
Date: 28 JUN 2021 17:53:56

Lowest Band Edge / Full RB



Date: 28 JUN 2021 17:47:17

Highest Band Edge / Full RB



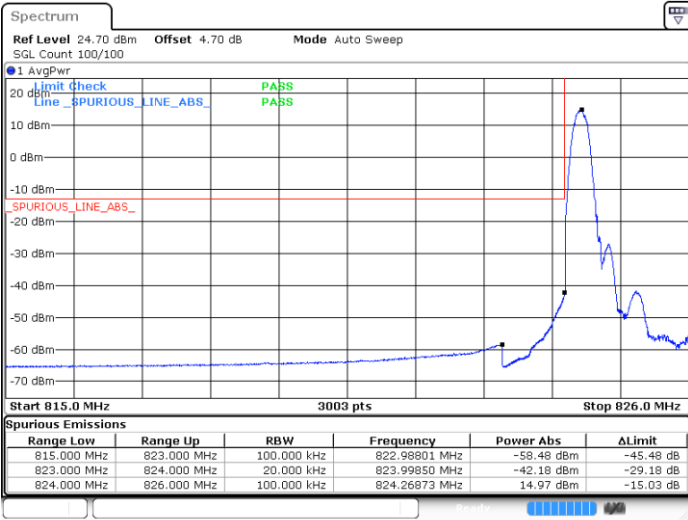
Date: 28 JUN 2021 18:00:38



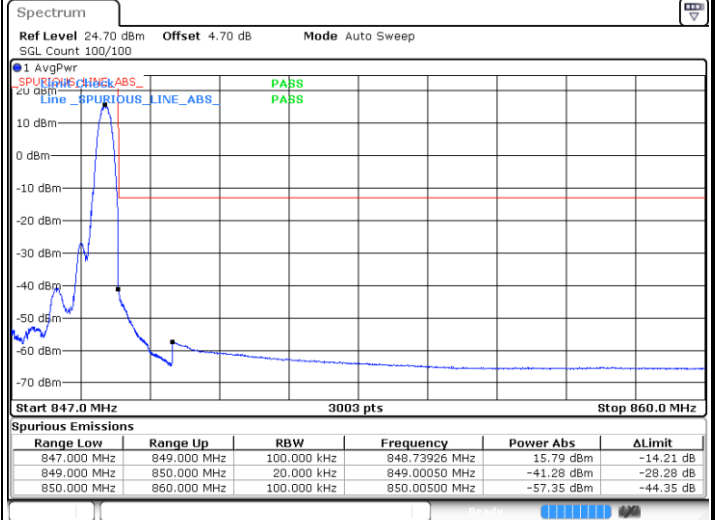
LTE Band 5 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



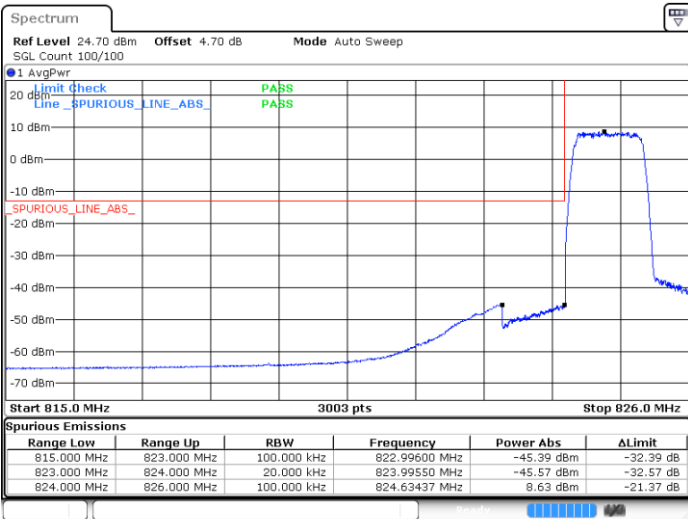
Date: 28 JUN 2021 17:42:06



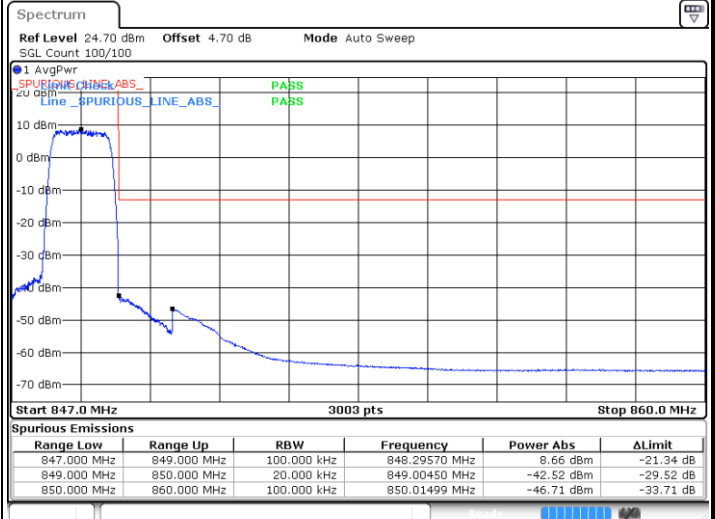
Date: 28 JUN 2021 17:55:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28 JUN 2021 17:48:47

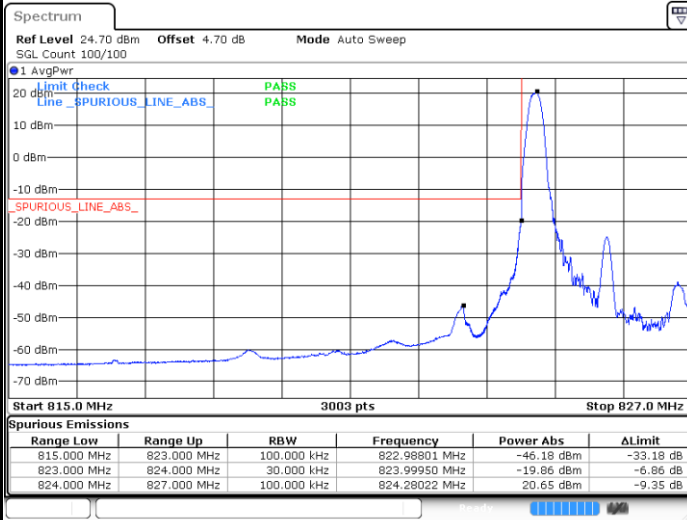


Date: 28 JUN 2021 18:02:18



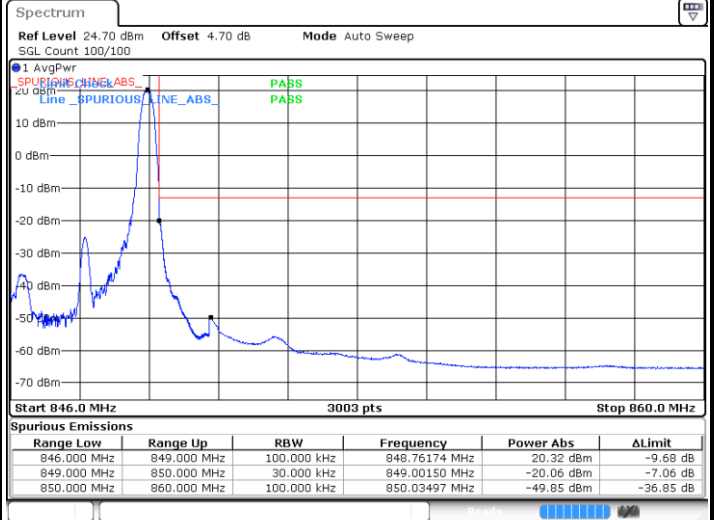
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



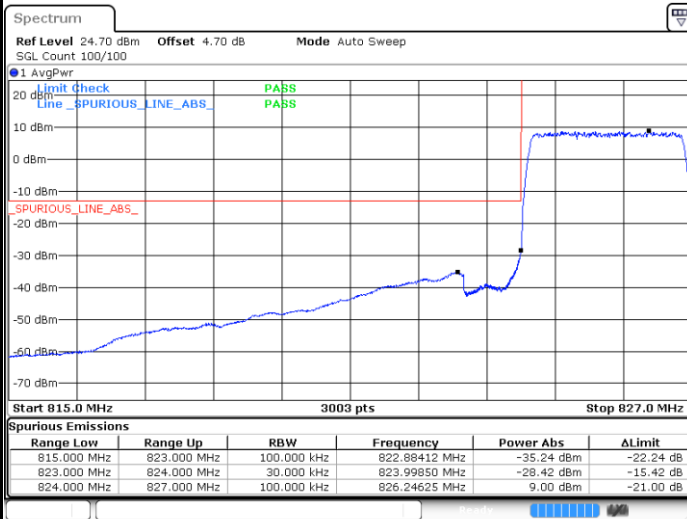
Date: 28 JUN 2021 18:05:35

Highest Band Edge / 1 RB



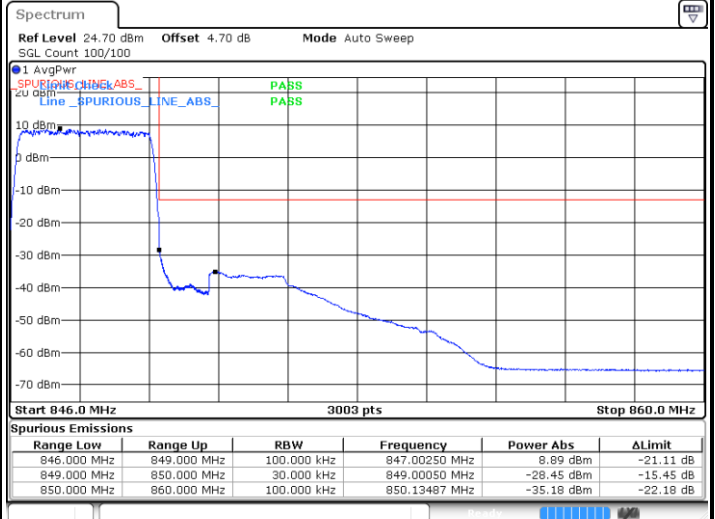
Date: 28 JUN 2021 18:19:44

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:10:30

Highest Band Edge / Full RB

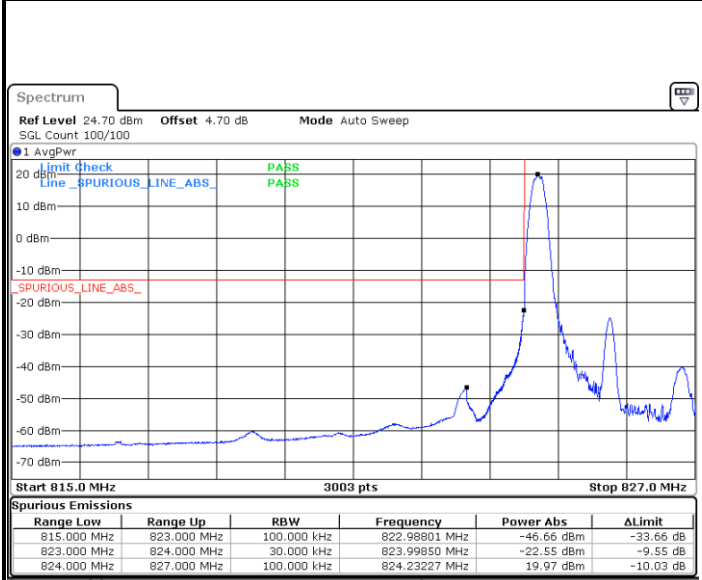


Date: 28 JUN 2021 18:24:25



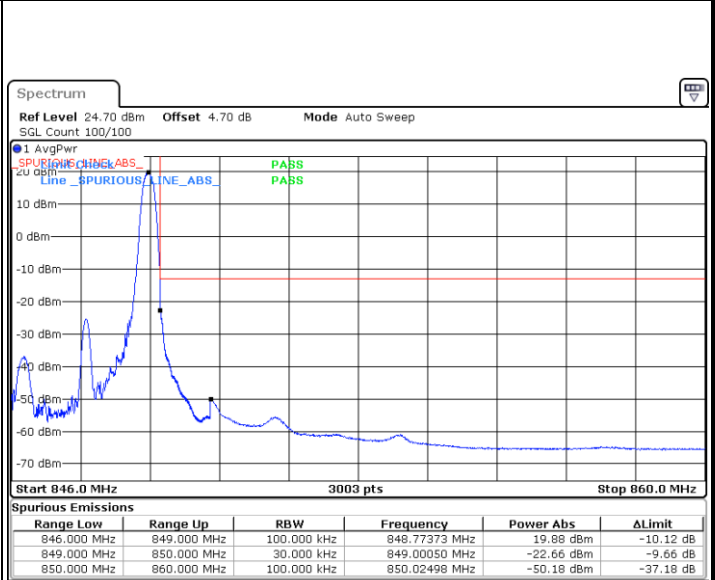
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



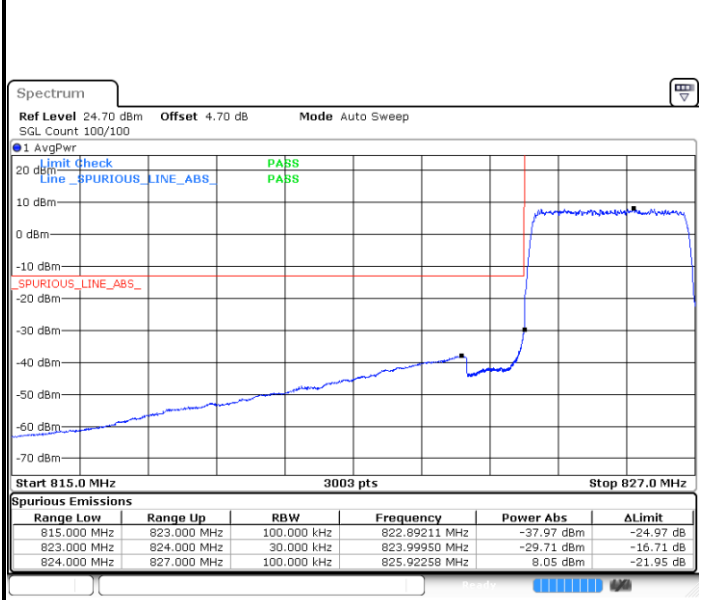
Date: 28 JUN 2021 18:06:43

Highest Band Edge / 1 RB



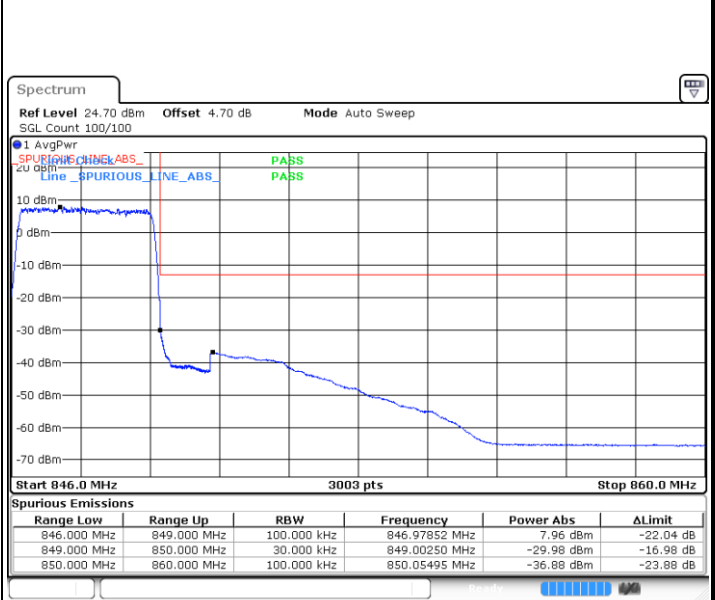
Date: 28 JUN 2021 18:20:49

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:11:27

Highest Band Edge / Full RB

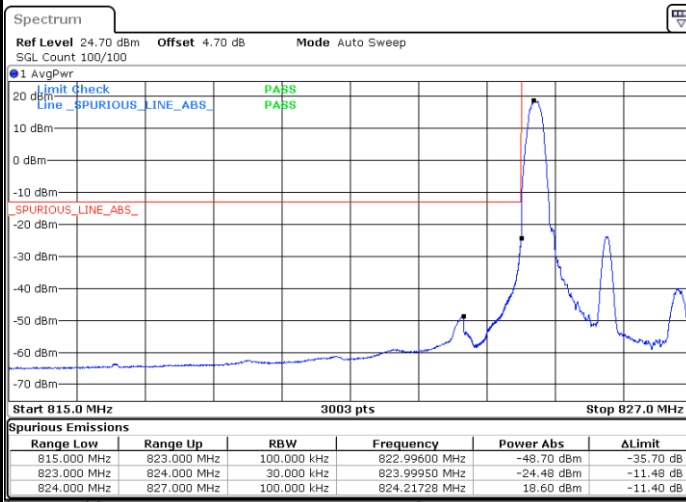


Date: 28 JUN 2021 18:25:28



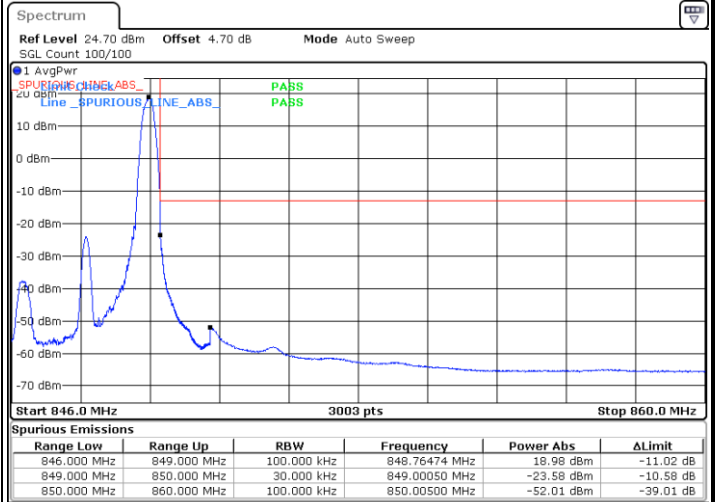
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



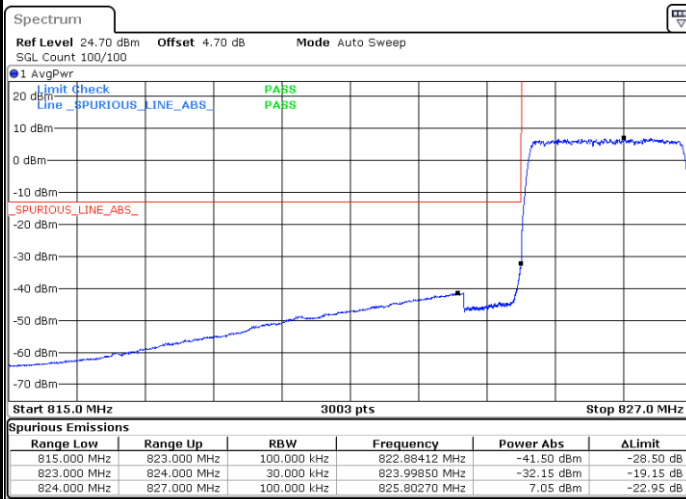
Date: 28 JUN 2021 18:07:39

Highest Band Edge / 1 RB



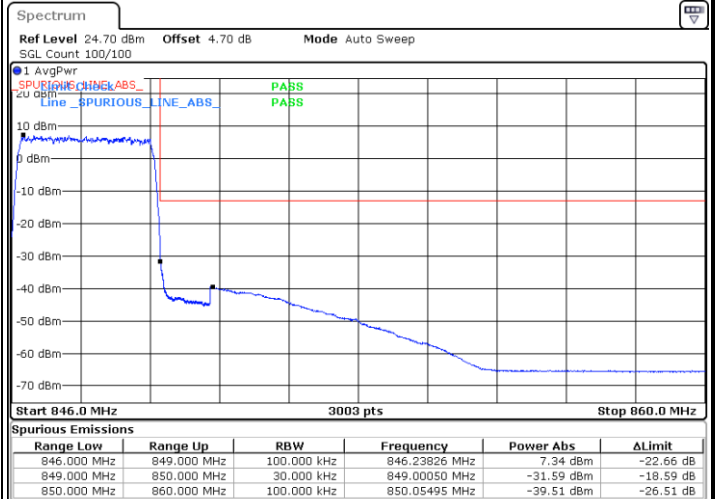
Date: 28 JUN 2021 18:21:53

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:12:24

Highest Band Edge / Full RB

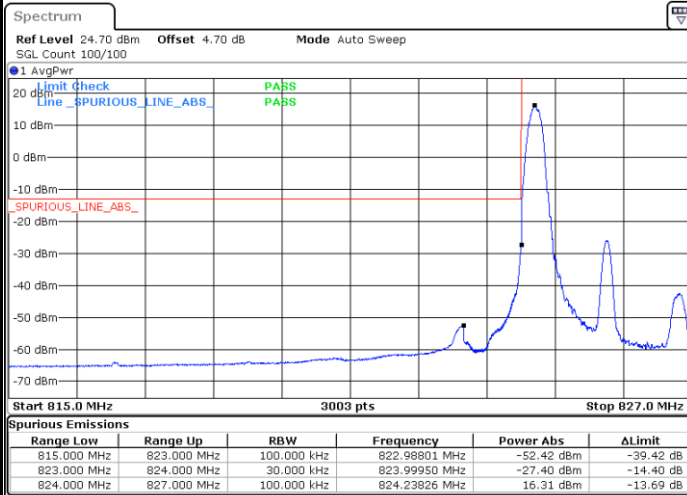


Date: 28 JUN 2021 18:26:29



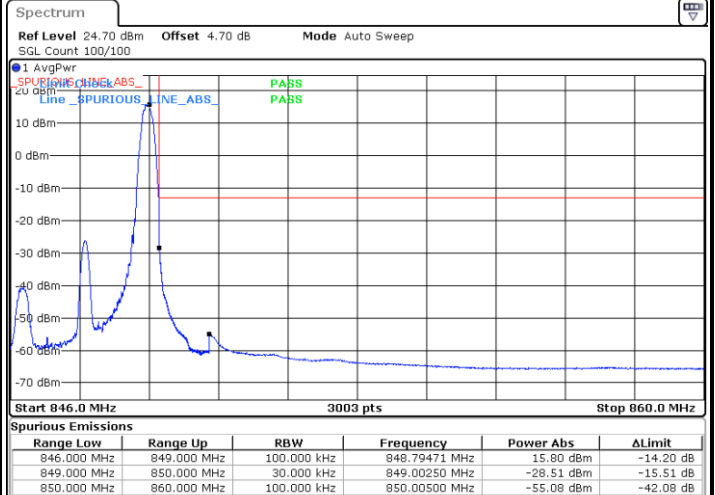
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



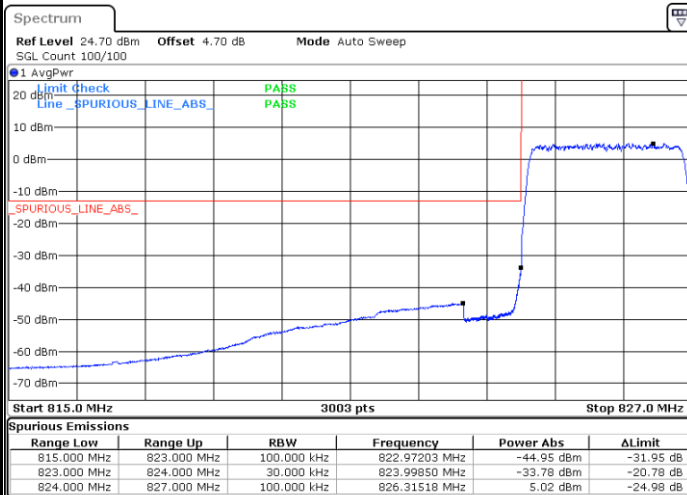
Date: 28 JUN 2021 18:08:38

Highest Band Edge / 1 RB



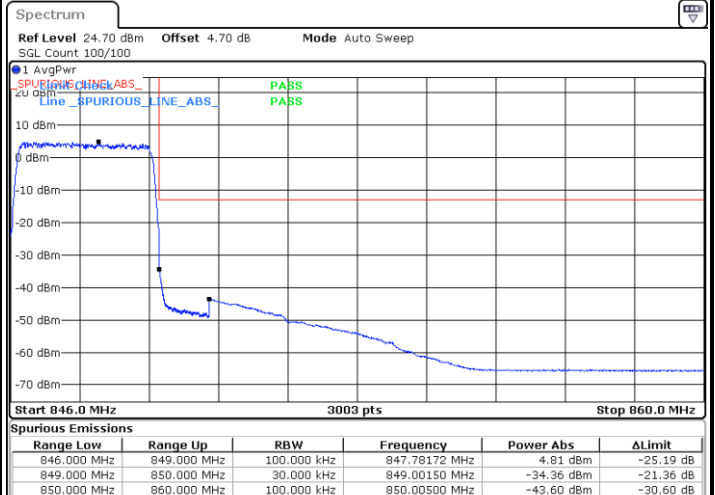
Date: 28 JUN 2021 18:22:55

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:13:21

Highest Band Edge / Full RB

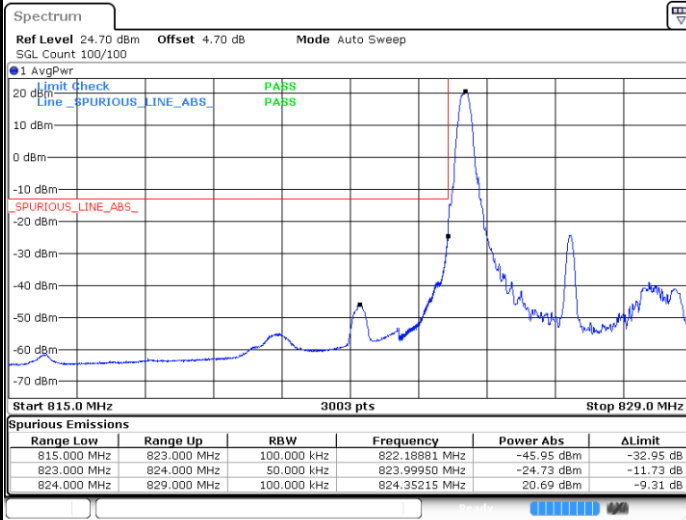


Date: 28 JUN 2021 18:27:32



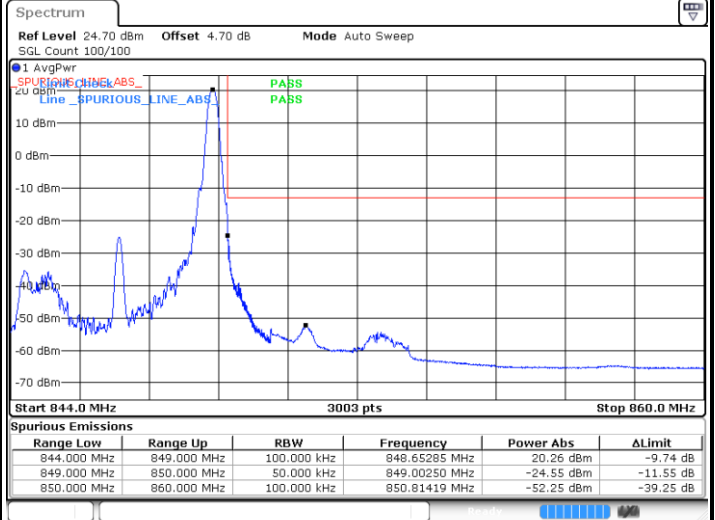
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



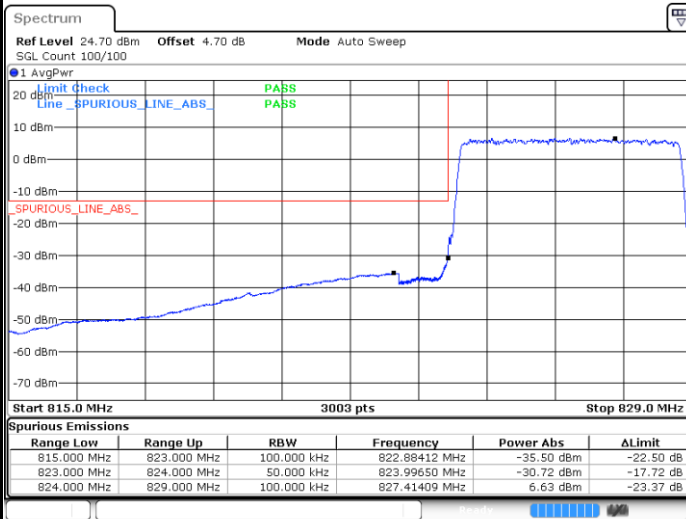
Date: 28 JUN 2021 18:30:36

Highest Band Edge / 1 RB



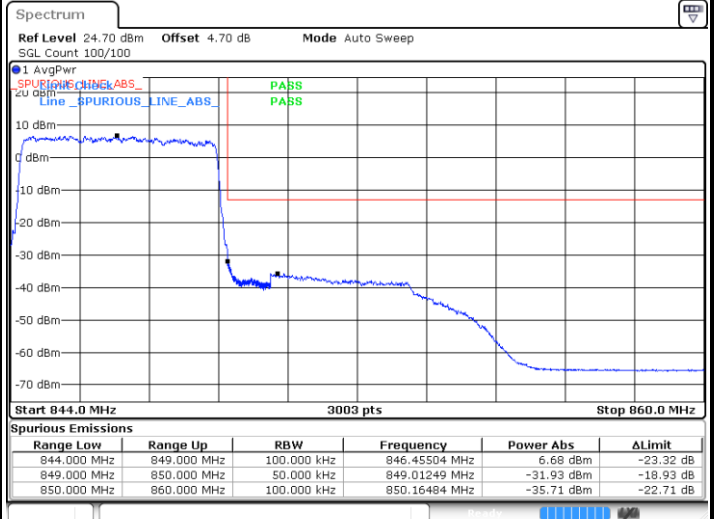
Date: 28 JUN 2021 18:40:01

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:33:55

Highest Band Edge / Full RB

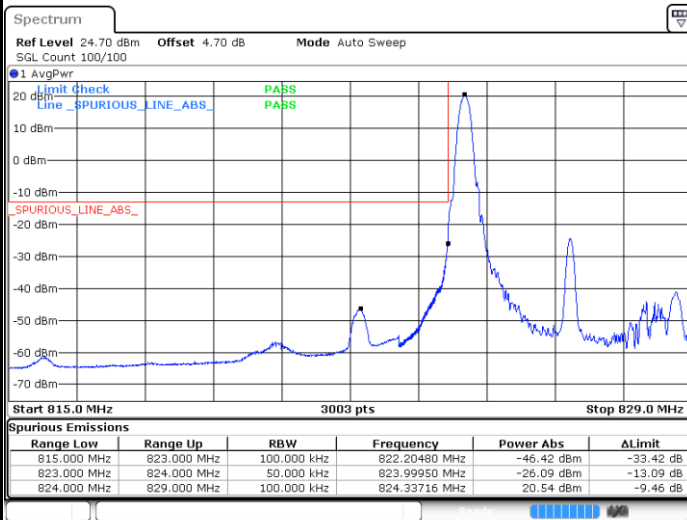


Date: 28 JUN 2021 18:43:29



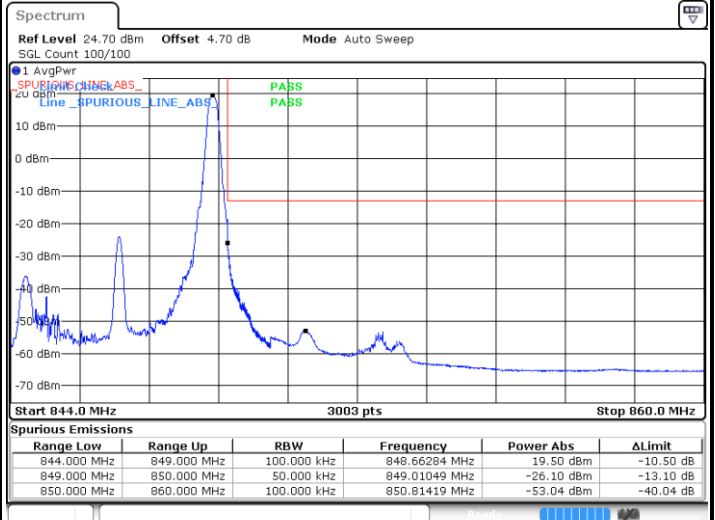
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



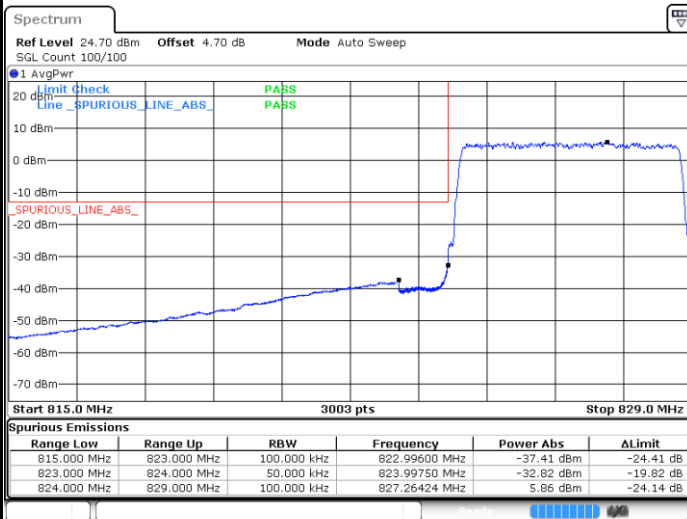
Date: 28 JUN 2021 18:31:21

Highest Band Edge / 1 RB



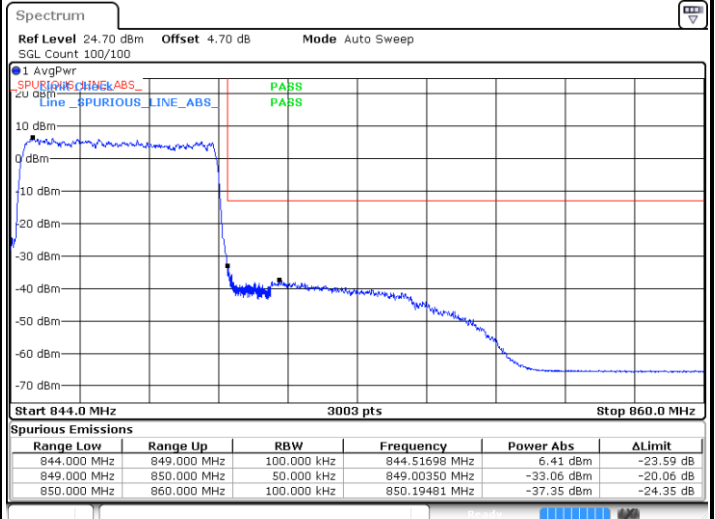
Date: 28 JUN 2021 18:40:47

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:34:39

Highest Band Edge / Full RB

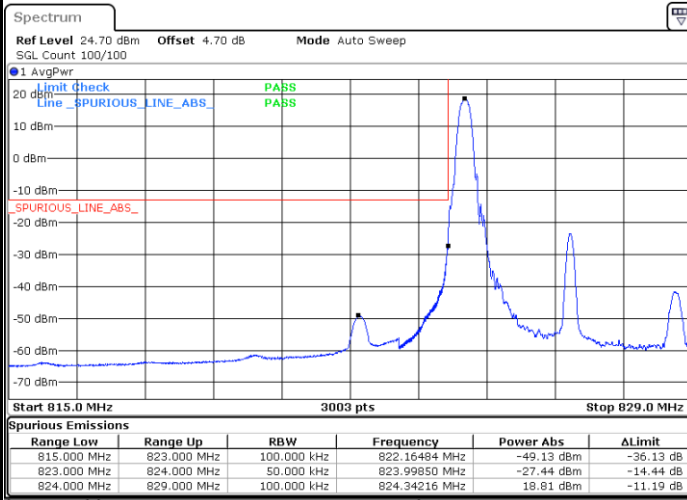


Date: 28 JUN 2021 18:44:14



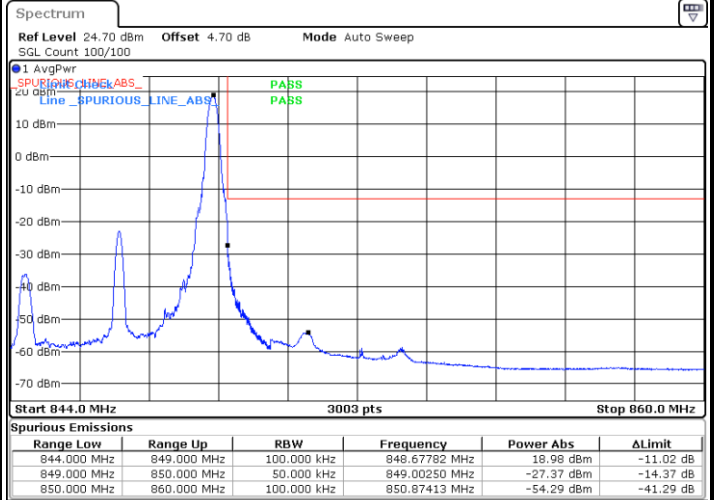
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



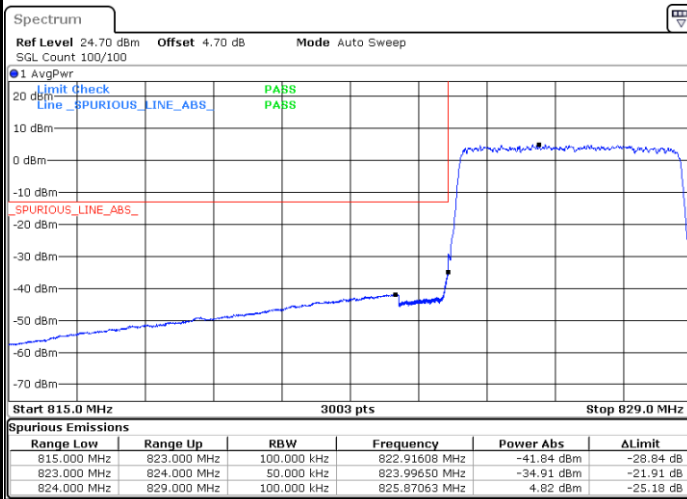
Date: 28 JUN 2021 18:32:10

Highest Band Edge / 1 RB



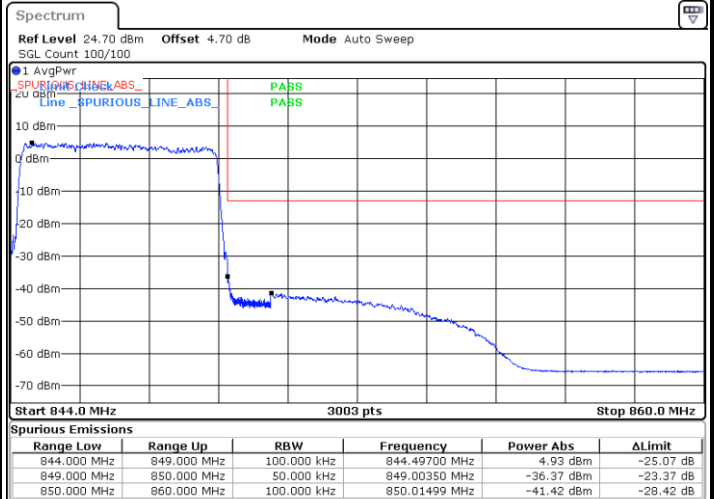
Date: 28 JUN 2021 18:41:36

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:35:22

Highest Band Edge / Full RB

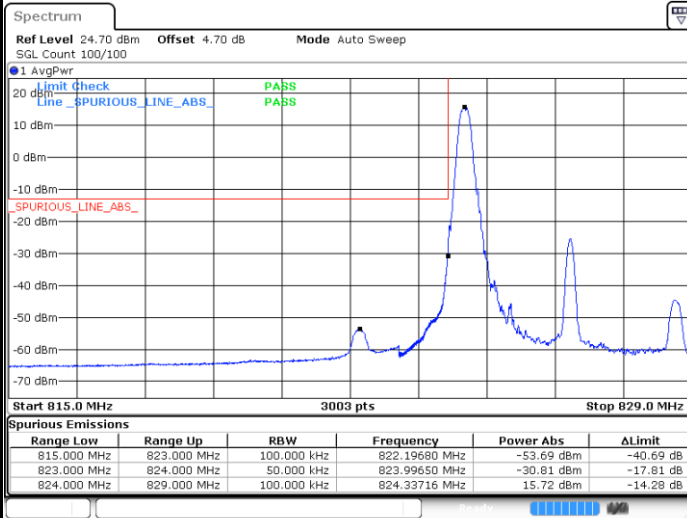


Date: 28 JUN 2021 18:44:59



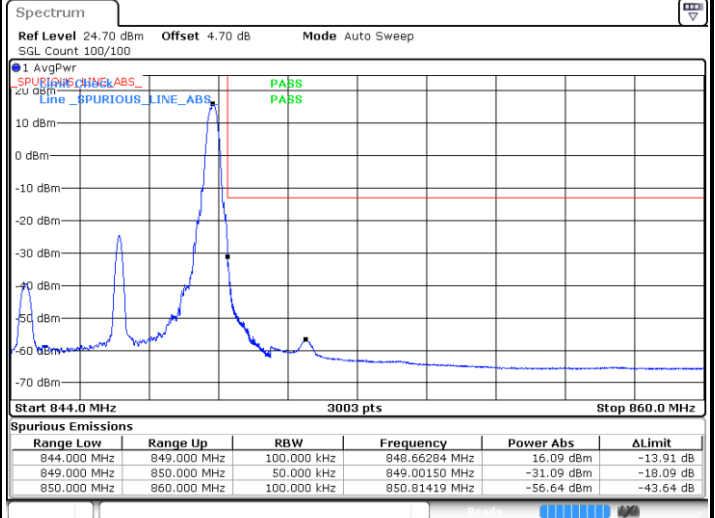
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



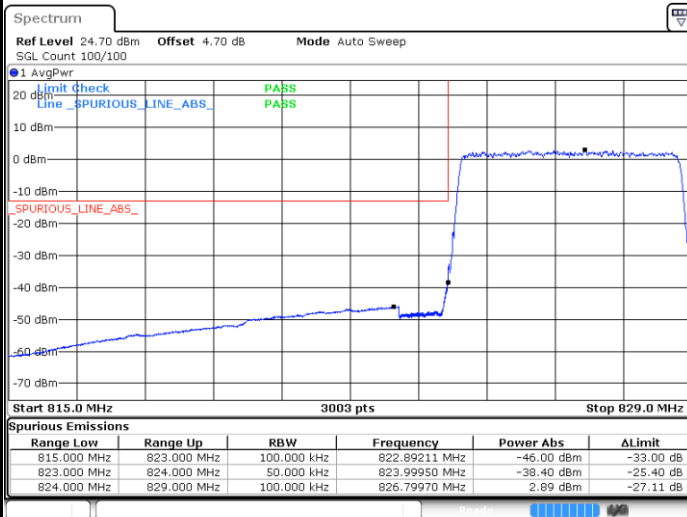
Date: 28 JUN 2021 18:32:53

Highest Band Edge / 1 RB



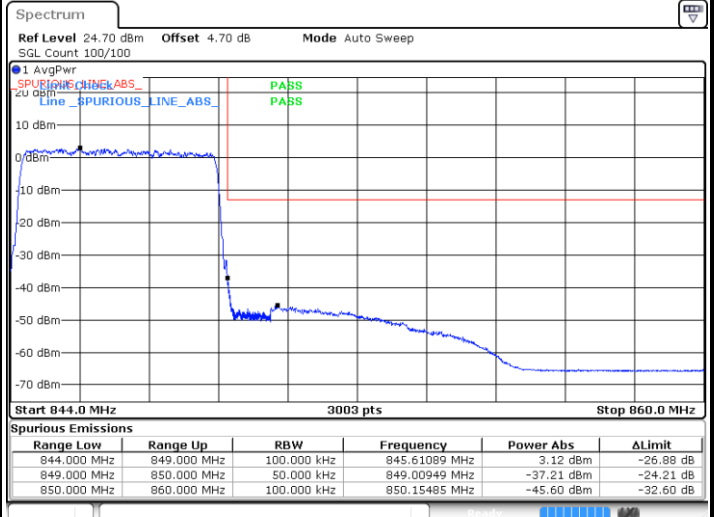
Date: 28 JUN 2021 18:42:23

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:36:06

Highest Band Edge / Full RB

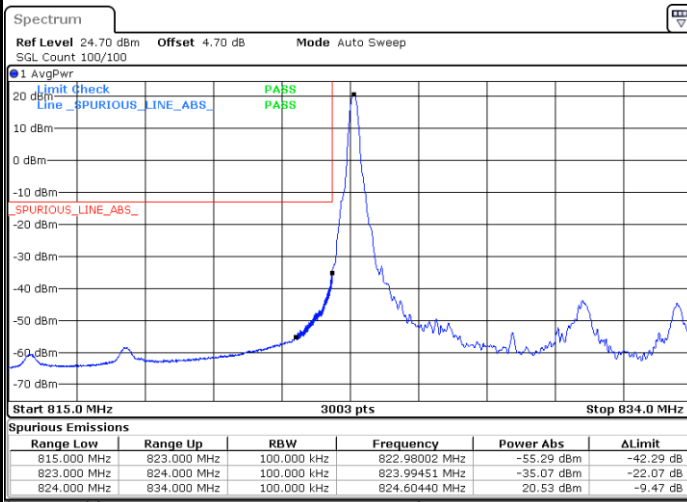


Date: 28 JUN 2021 18:45:48



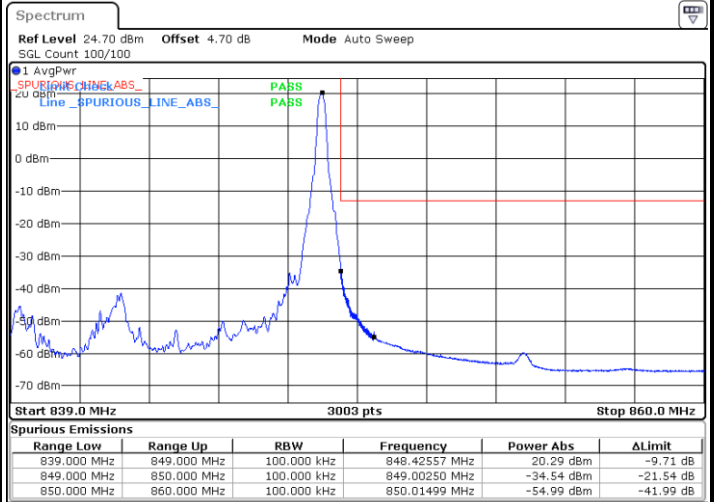
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



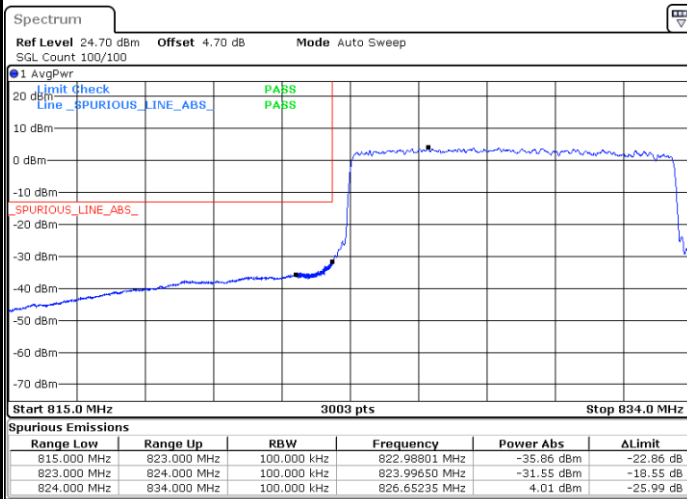
Date: 28 JUN 2021 18:48:24

Highest Band Edge / 1 RB



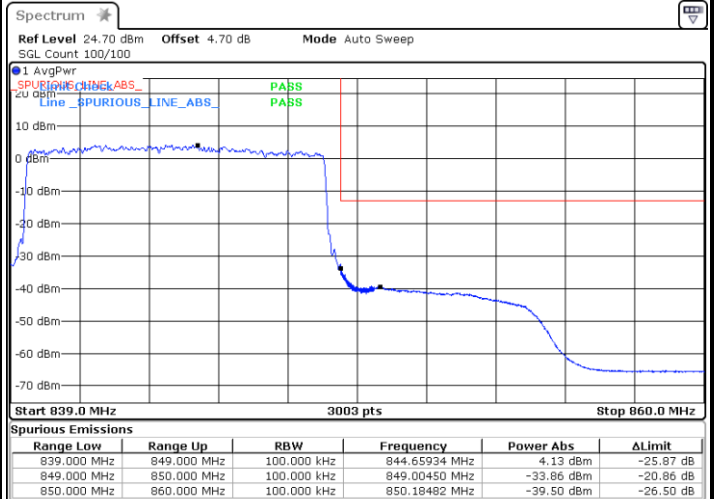
Date: 28 JUN 2021 18:57:34

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:51:59

Highest Band Edge / Full RB

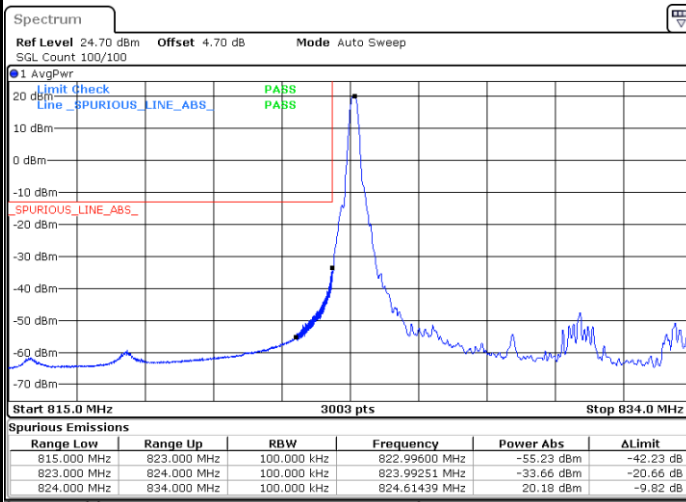


Date: 30 JUN 2021 11:07:27



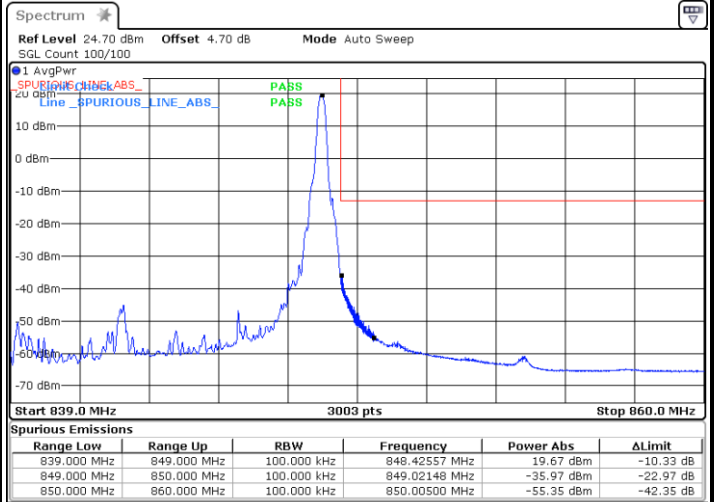
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



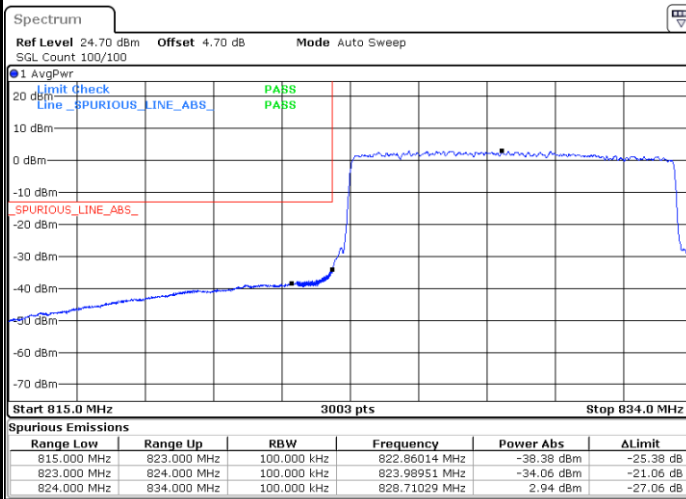
Date: 28 JUN 2021 18:49:03

Highest Band Edge / 1 RB



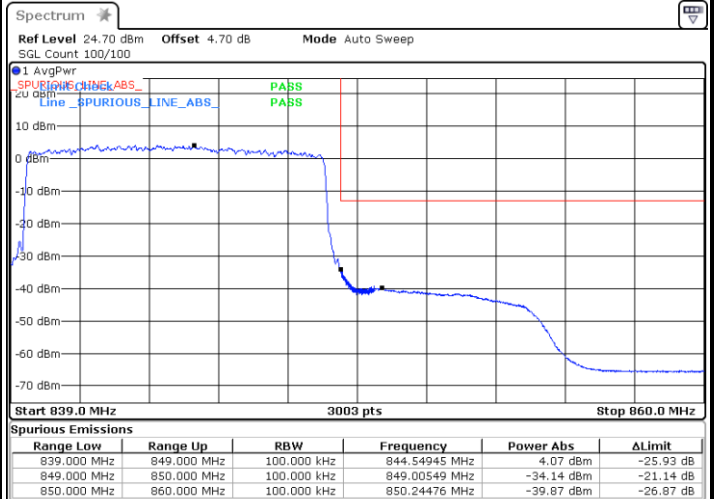
Date: 30 JUN 2021 11:11:19

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:55:04

Highest Band Edge / Full RB

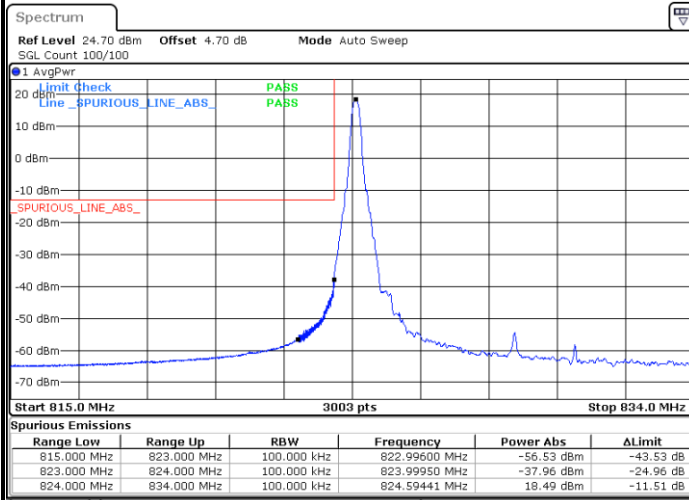


Date: 30 JUN 2021 11:01:19



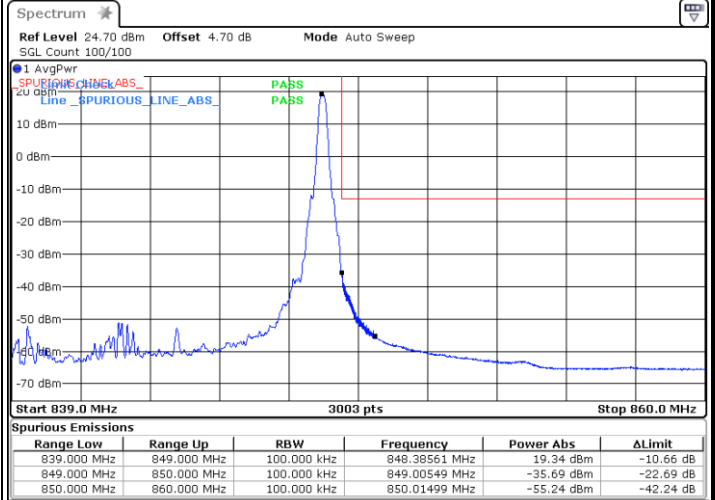
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



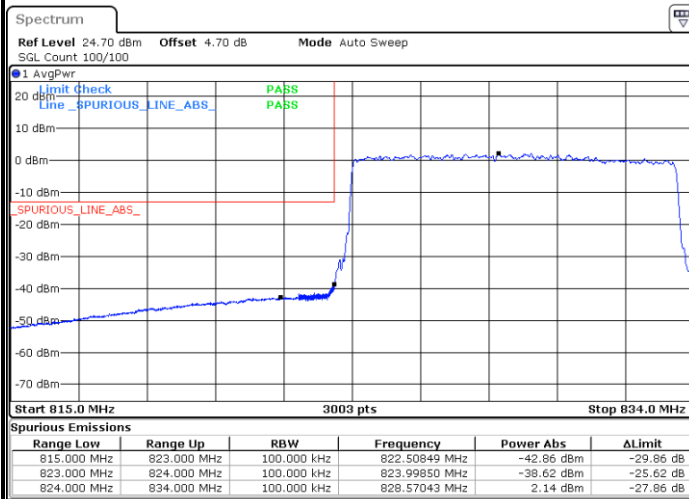
Date: 28 JUN 2021 18:53:46

Highest Band Edge / 1 RB



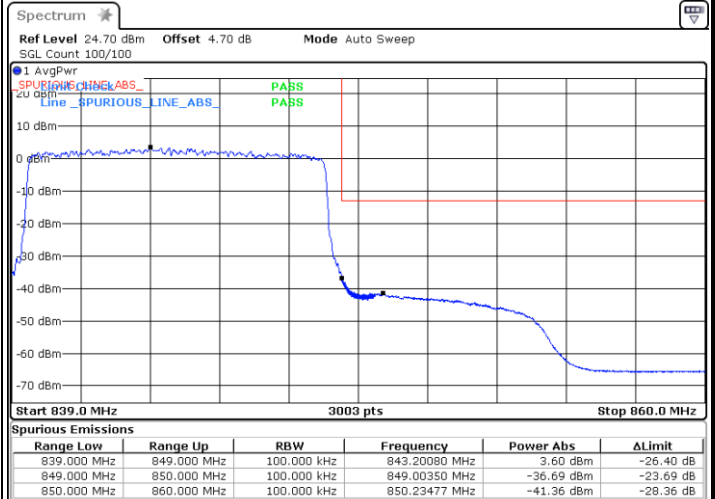
Date: 30 JUN 2021 11:04:53

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:55:46

Highest Band Edge / Full RB

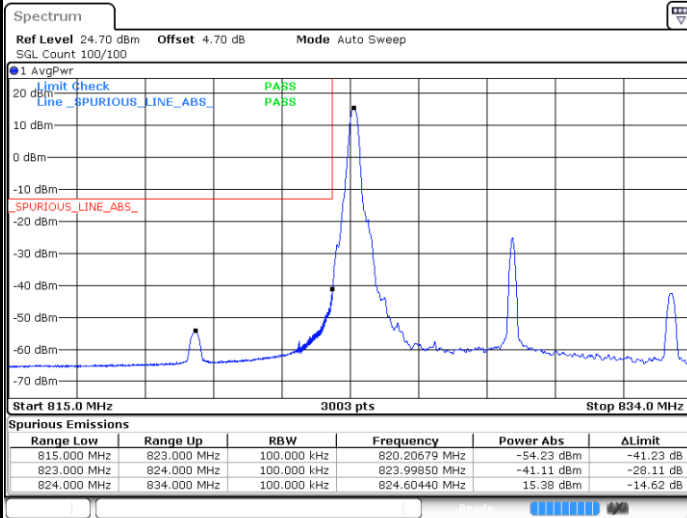


Date: 30 JUN 2021 11:02:10



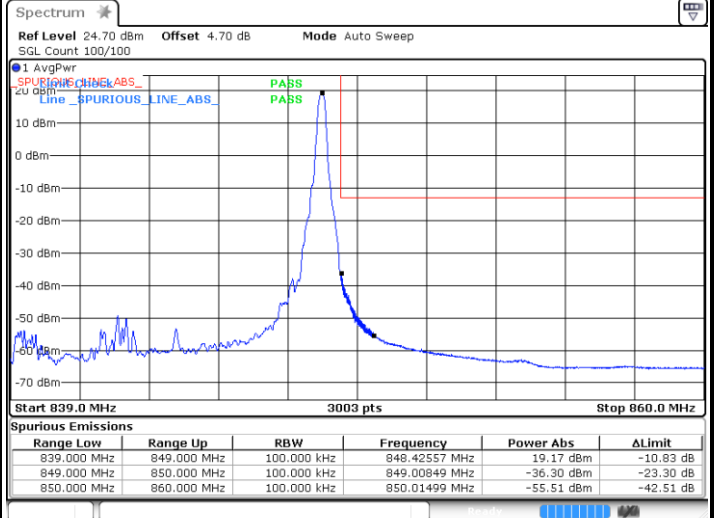
LTE Band 5 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



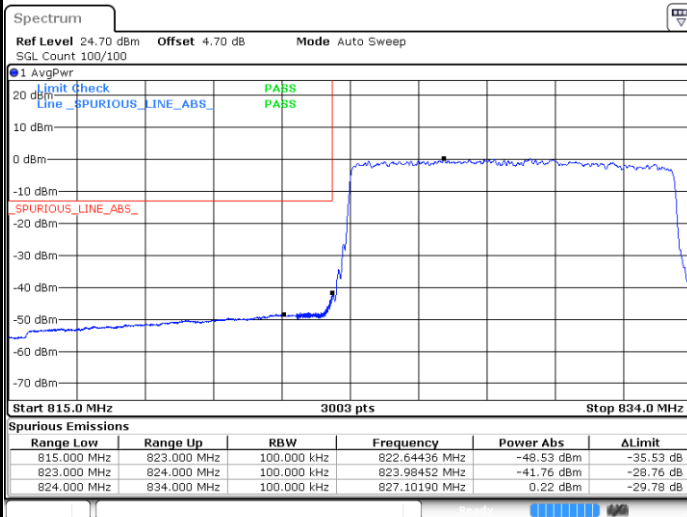
Date: 28 JUN 2021 18:52:44

Highest Band Edge / 1 RB



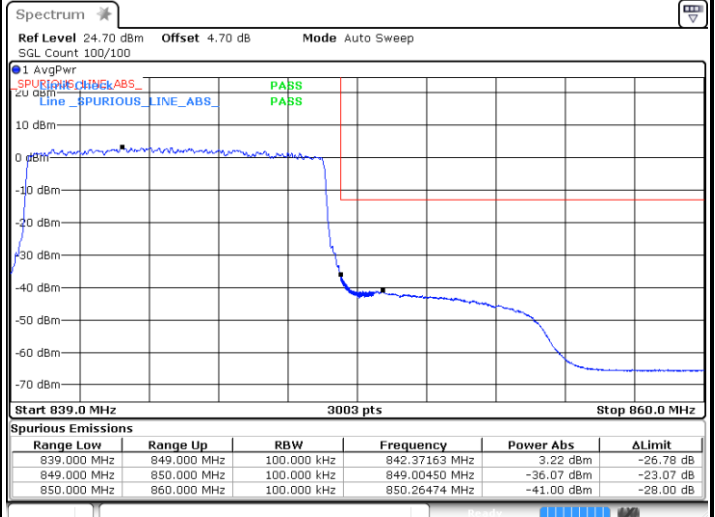
Date: 30 JUN 2021 11:04:04

Lowest Band Edge / Full RB



Date: 28 JUN 2021 18:56:25

Highest Band Edge / Full RB



Date: 30 JUN 2021 11:02:57