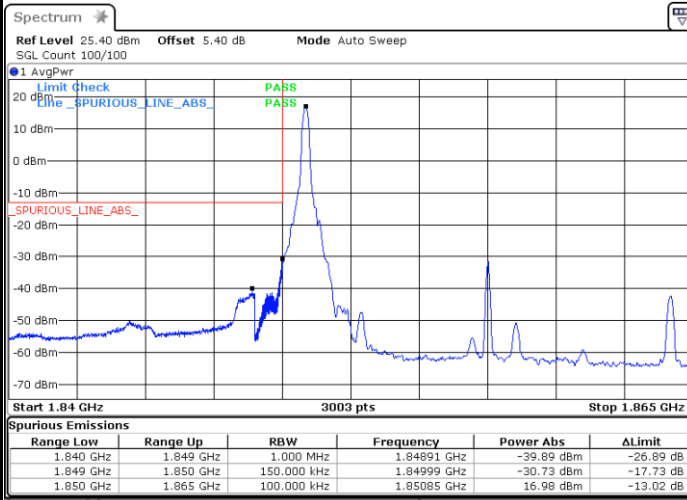




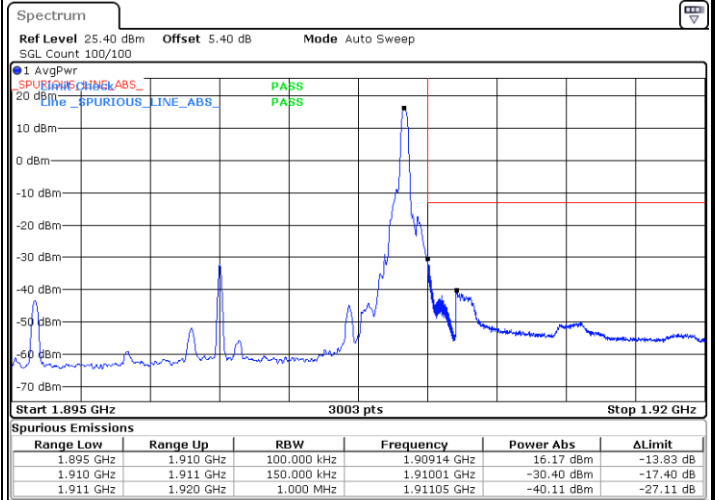
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



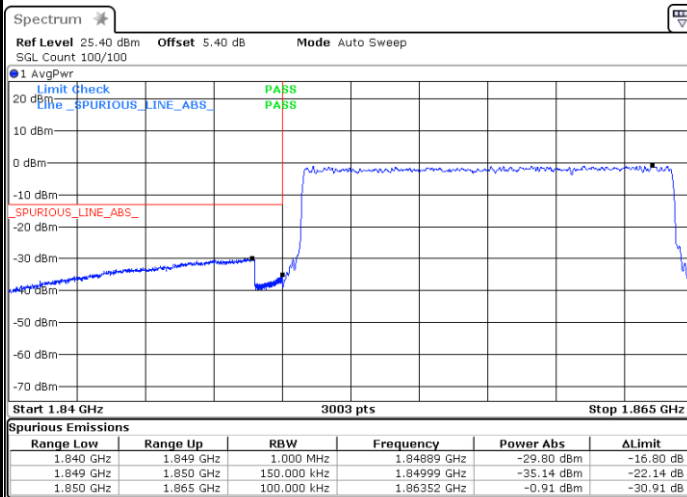
Date: 26.NOV.2021 16:57:13

Highest Band Edge / 1 RB



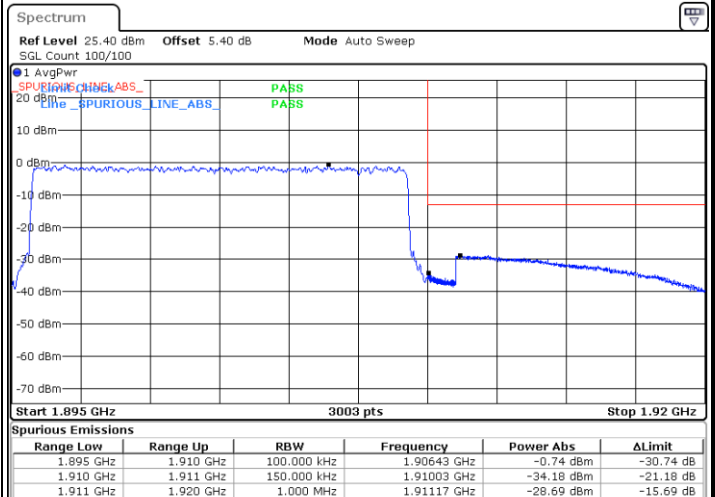
Date: 26.NOV.2021 17:37:42

Lowest Band Edge / Full RB



Date: 26.NOV.2021 17:35:24

Highest Band Edge / Full RB

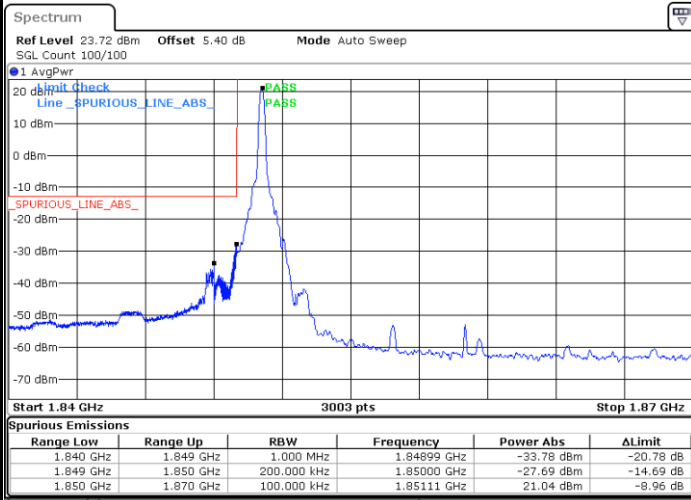


Date: 26.NOV.2021 17:36:38



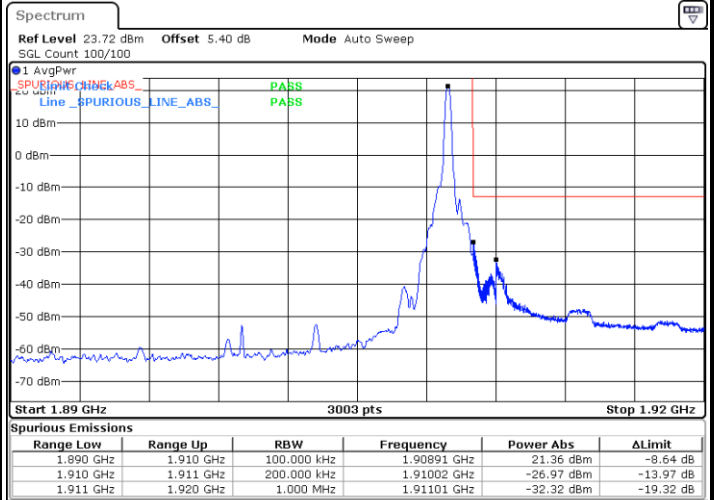
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



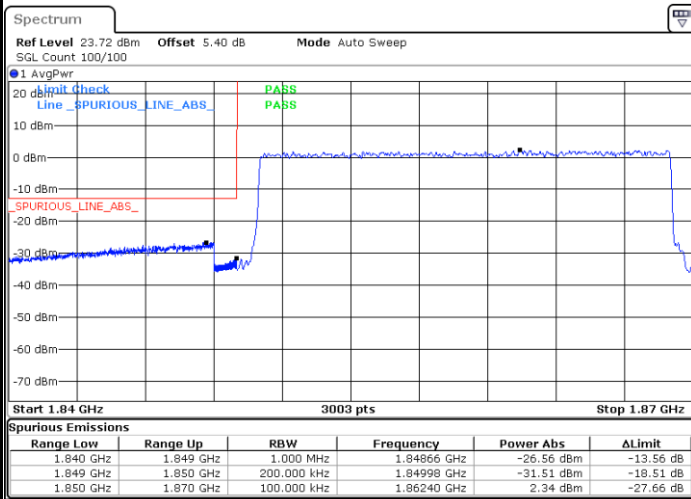
Date: 24.NOV.2021 22:54:48

Highest Band Edge / 1 RB



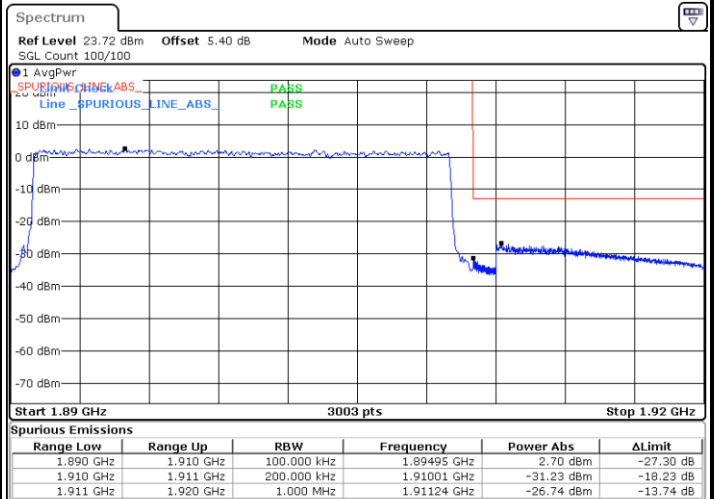
Date: 24.NOV.2021 23:00:26

Lowest Band Edge / Full RB



Date: 24.NOV.2021 22:57:37

Highest Band Edge / Full RB

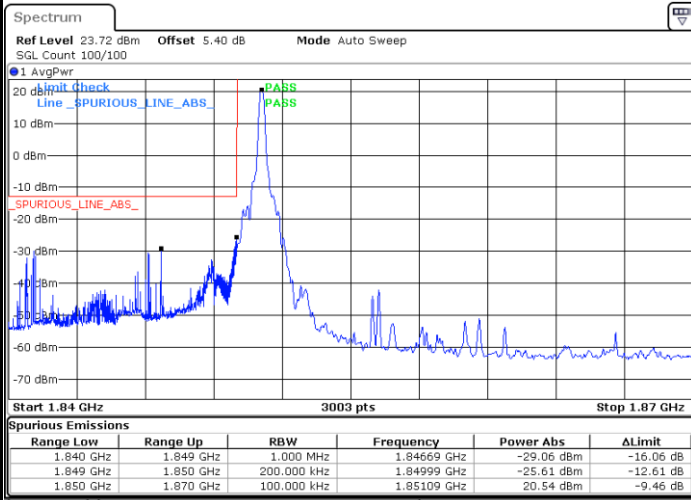


Date: 24.NOV.2021 23:03:15



LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



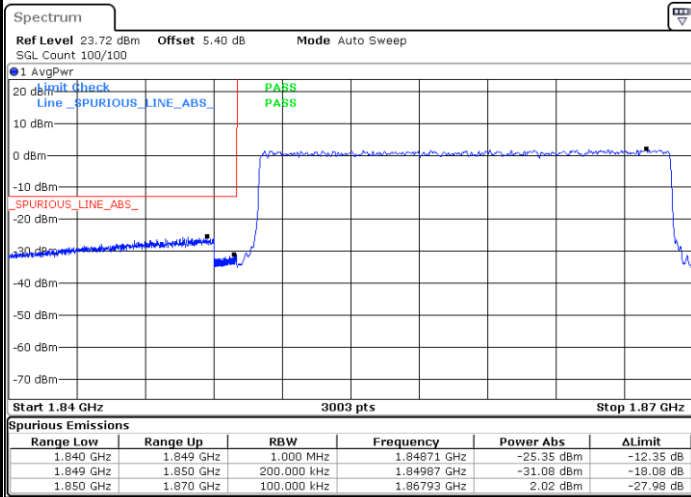
Date: 24.NOV.2021 22:56:12

Highest Band Edge / 1 RB



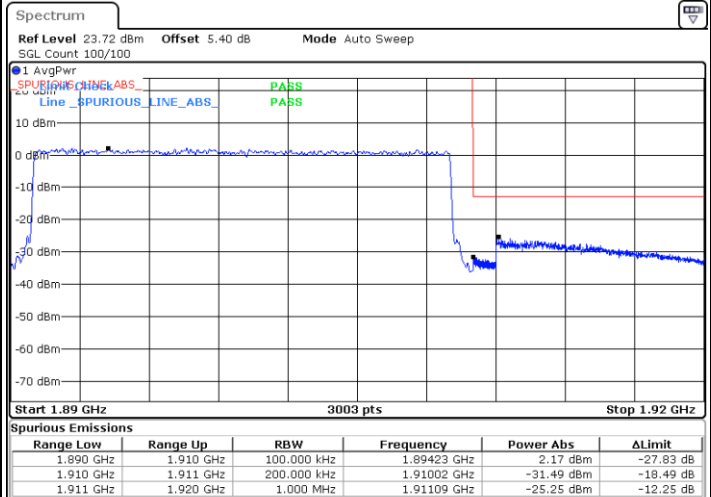
Date: 24.NOV.2021 23:01:50

Lowest Band Edge / Full RB



Date: 24.NOV.2021 22:59:01

Highest Band Edge / Full RB

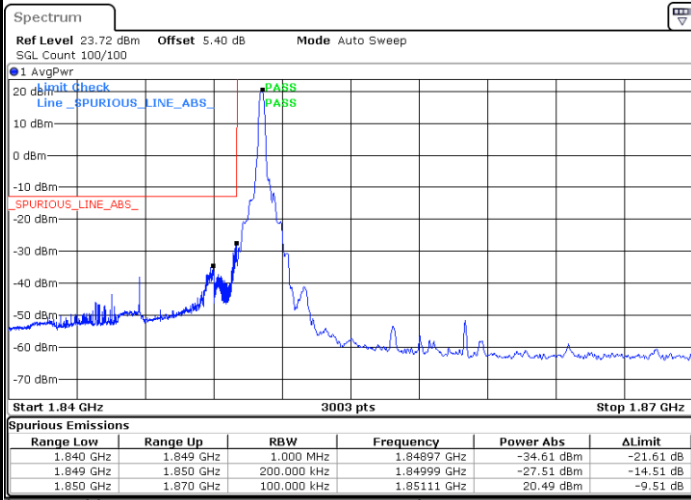


Date: 24.NOV.2021 23:04:39



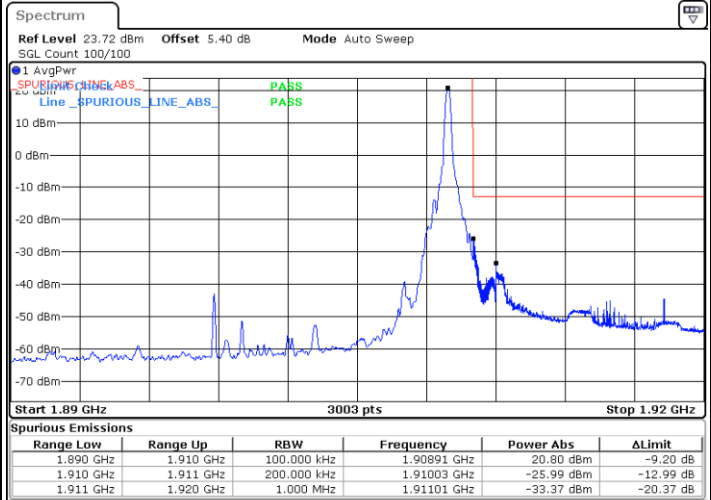
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



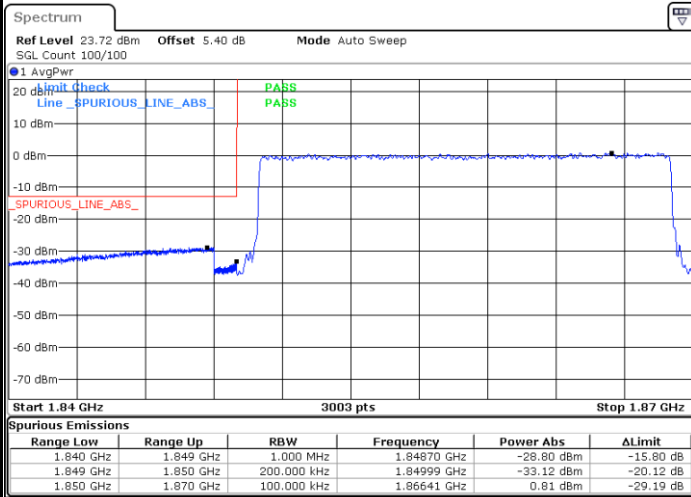
Date: 25.NOV.2021 00:38:41

Highest Band Edge / 1 RB



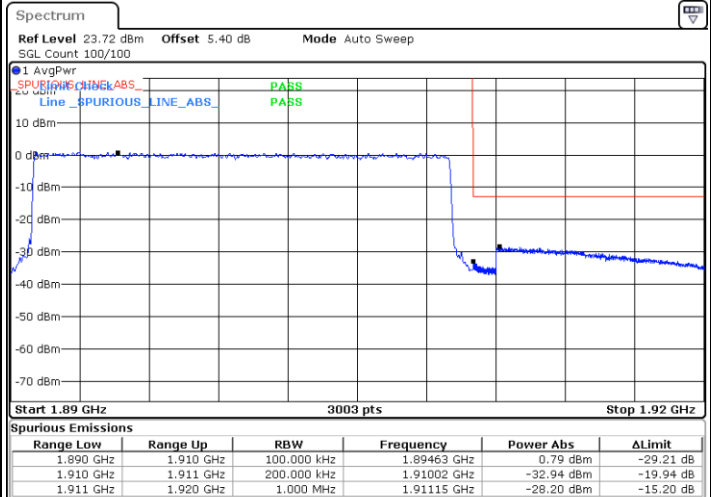
Date: 25.NOV.2021 00:41:28

Lowest Band Edge / Full RB



Date: 25.NOV.2021 00:40:05

Highest Band Edge / Full RB

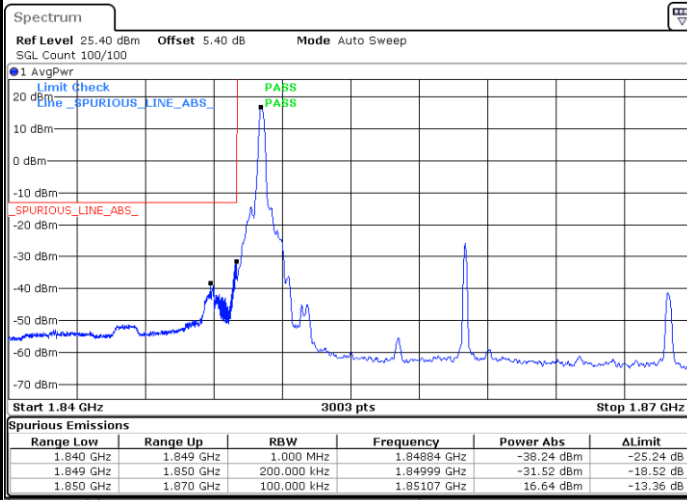


Date: 25.NOV.2021 00:42:52



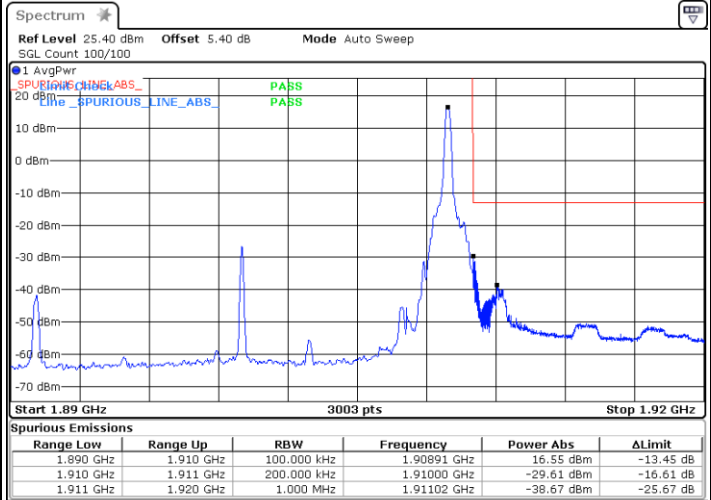
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



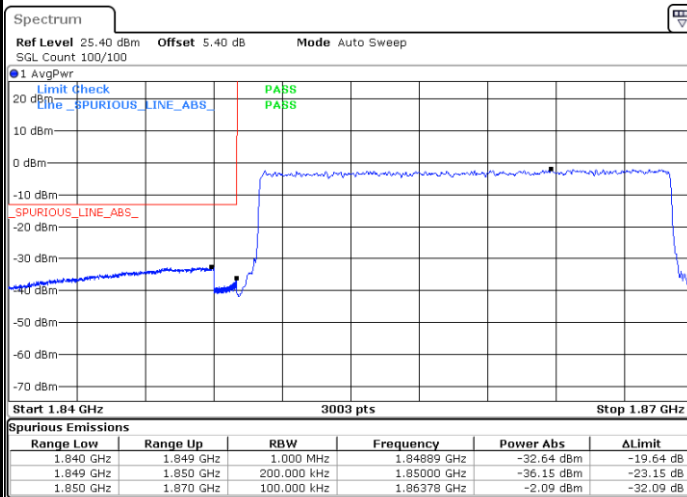
Date: 26.NOV.2021 18:41:10

Highest Band Edge / 1 RB



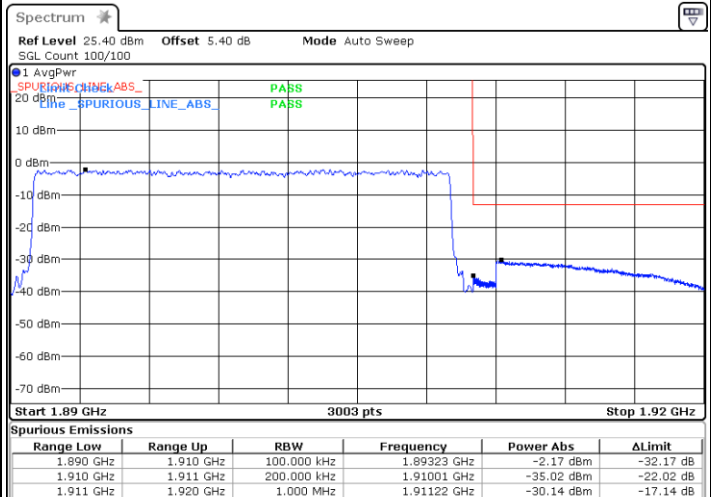
Date: 26.NOV.2021 18:47:01

Lowest Band Edge / Full RB



Date: 26.NOV.2021 18:42:27

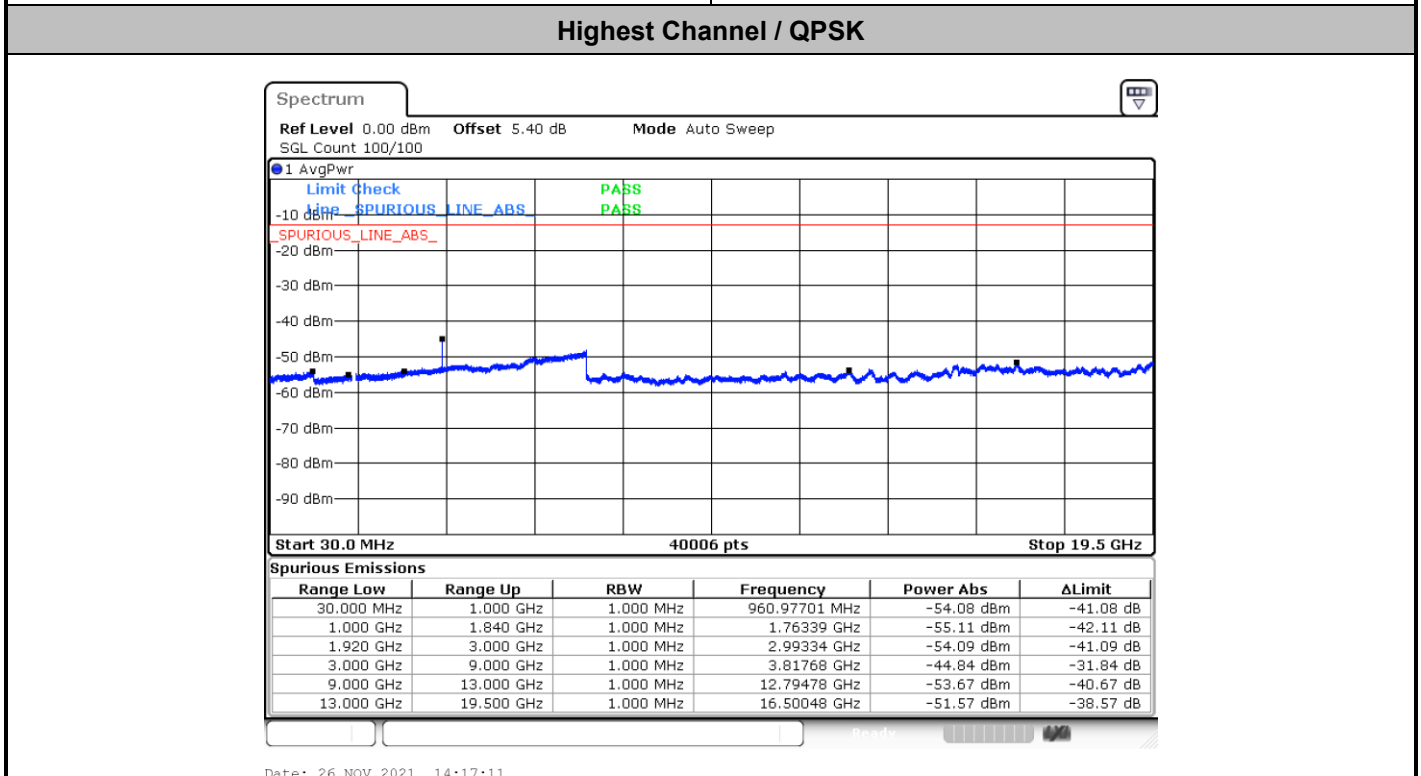
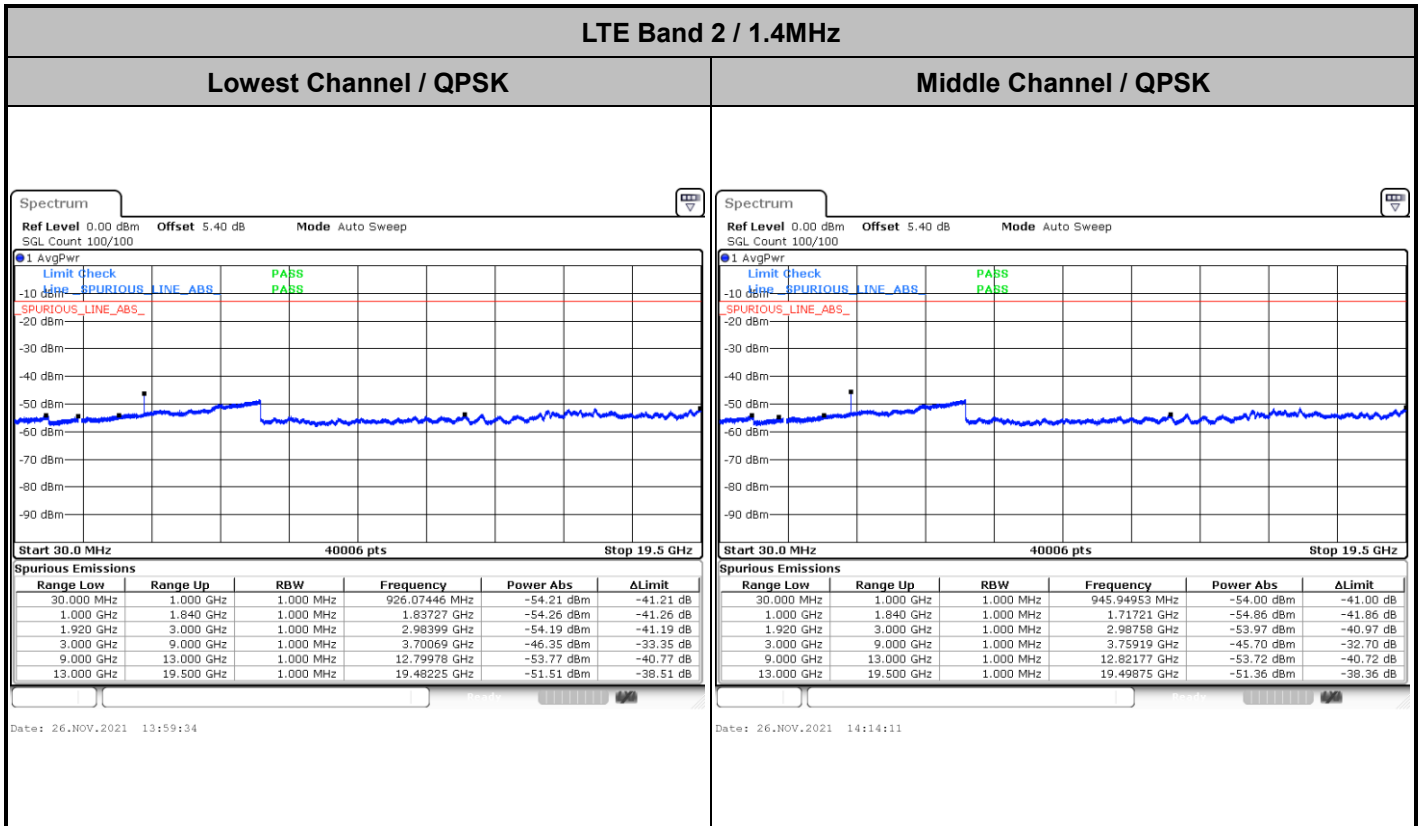
Highest Band Edge / Full RB



Date: 26.NOV.2021 18:50:58



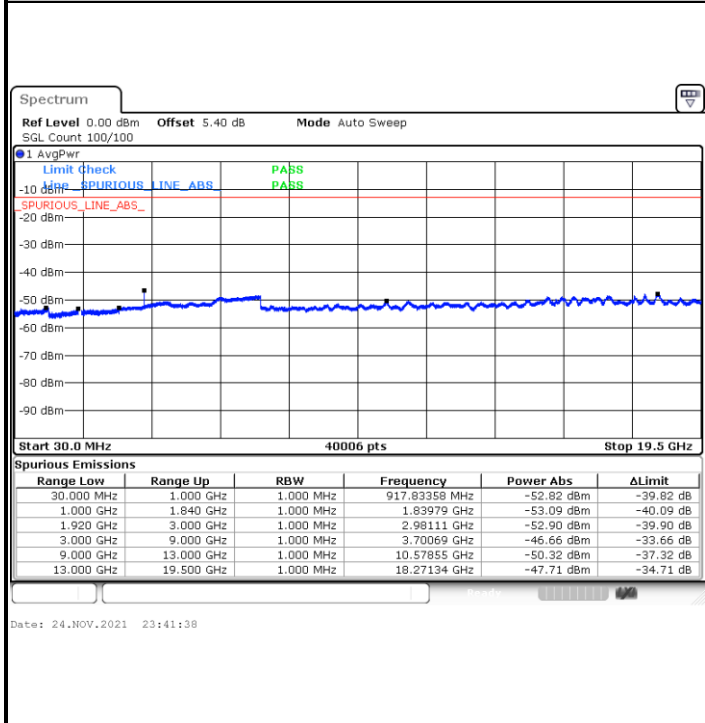
# Conducted Spurious Emission



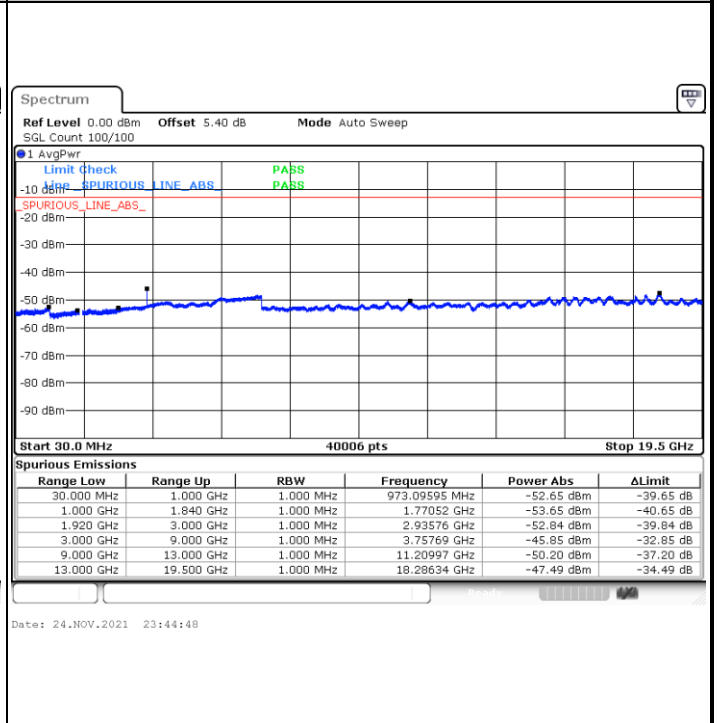


**LTE Band 2 / 3MHz**

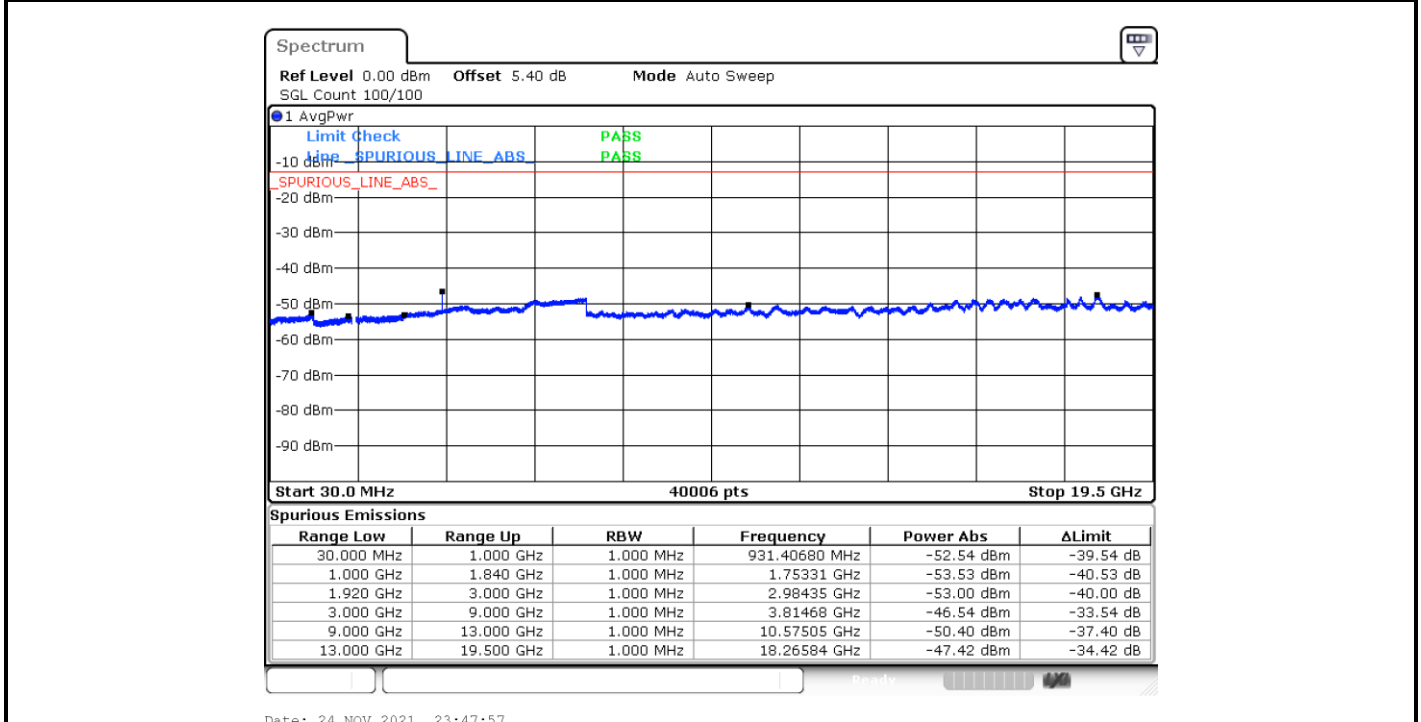
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



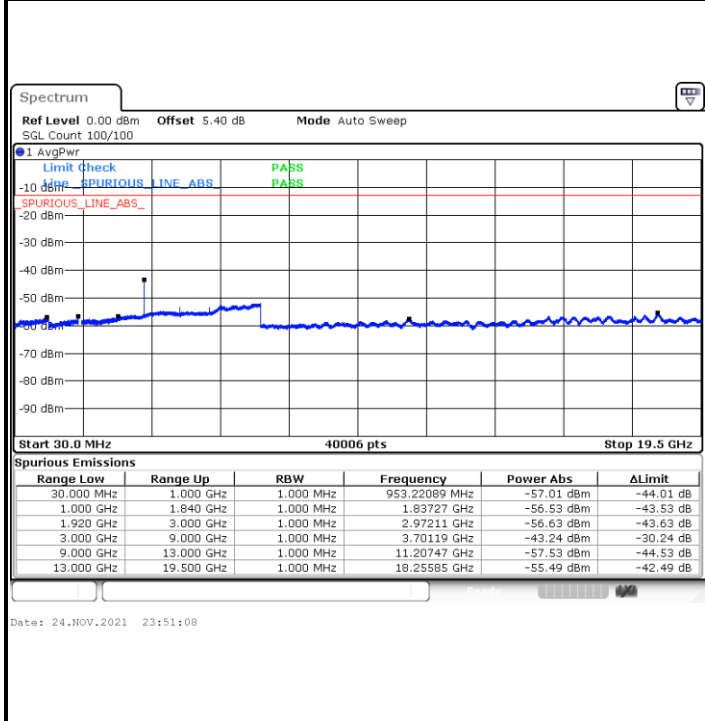
**Highest Channel / QPSK**



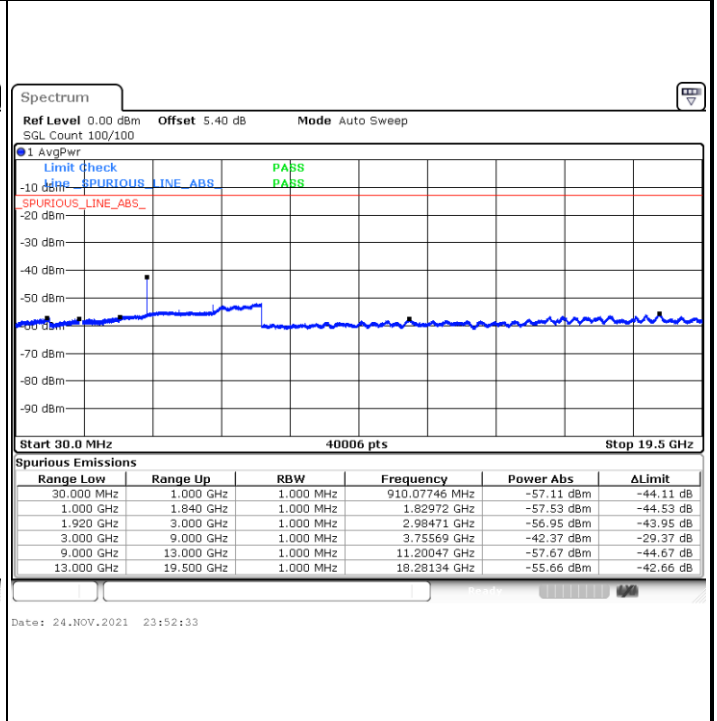


**LTE Band 2 / 5MHz**

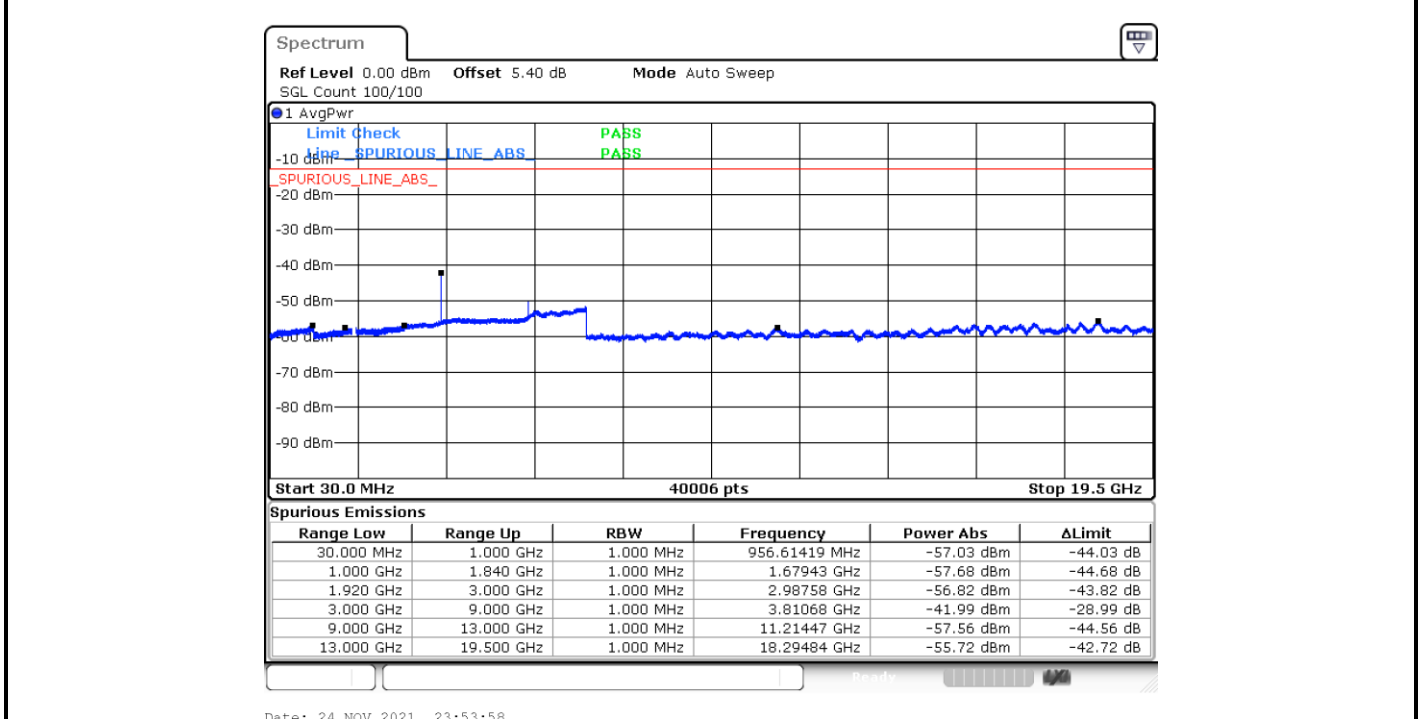
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

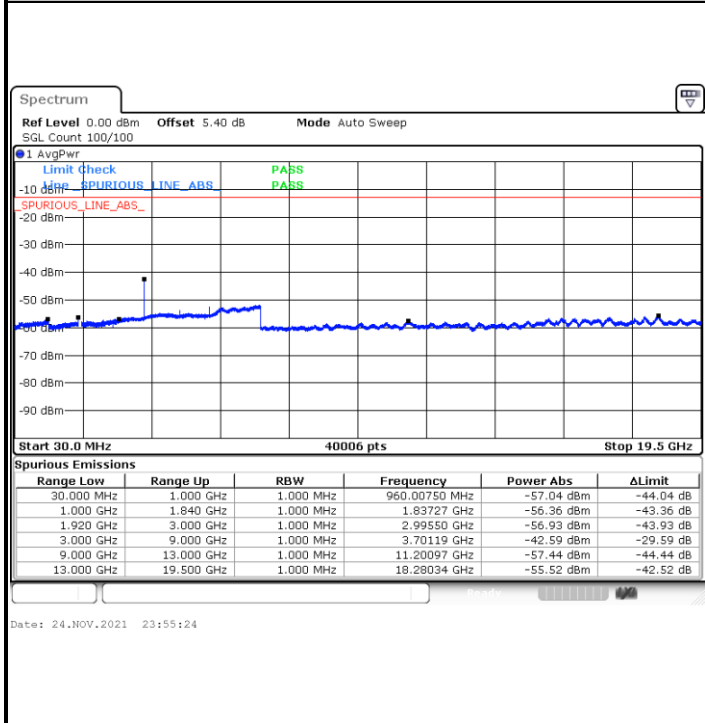




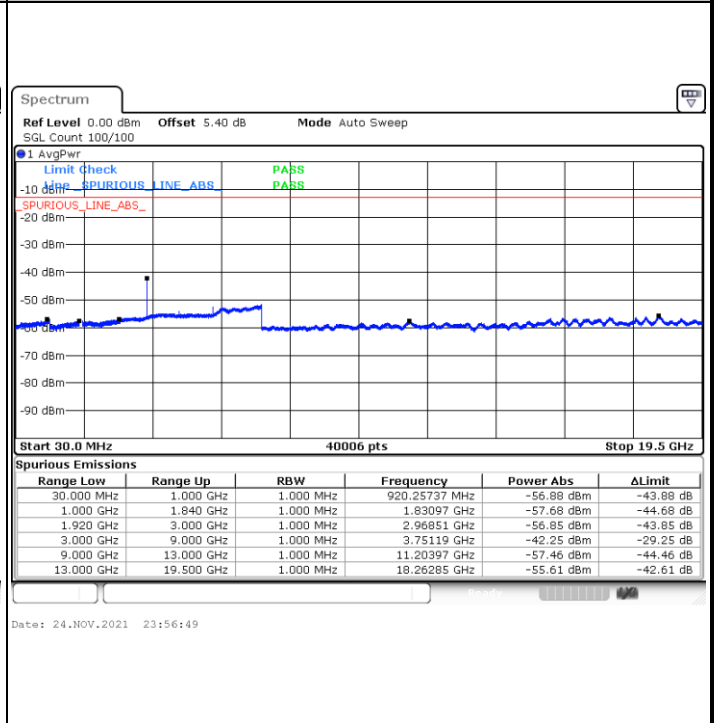


**LTE Band 2 / 10MHz**

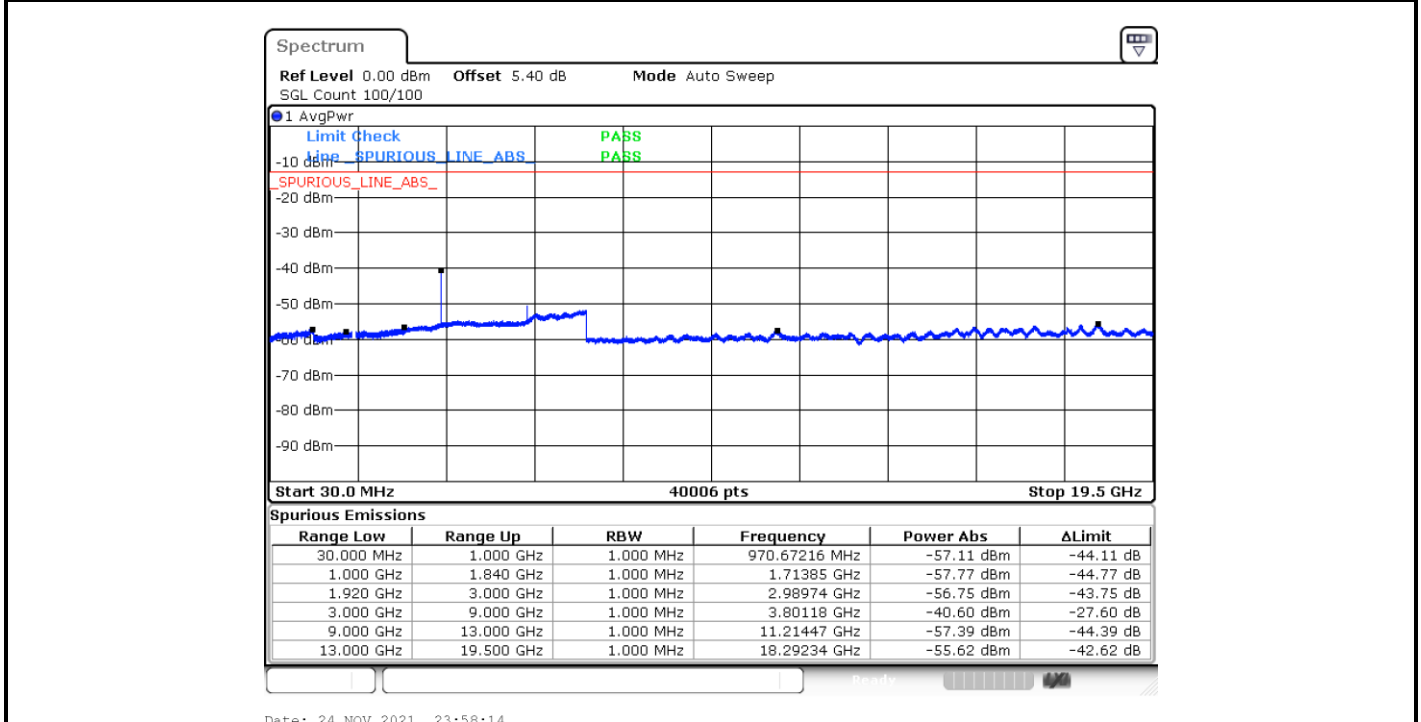
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



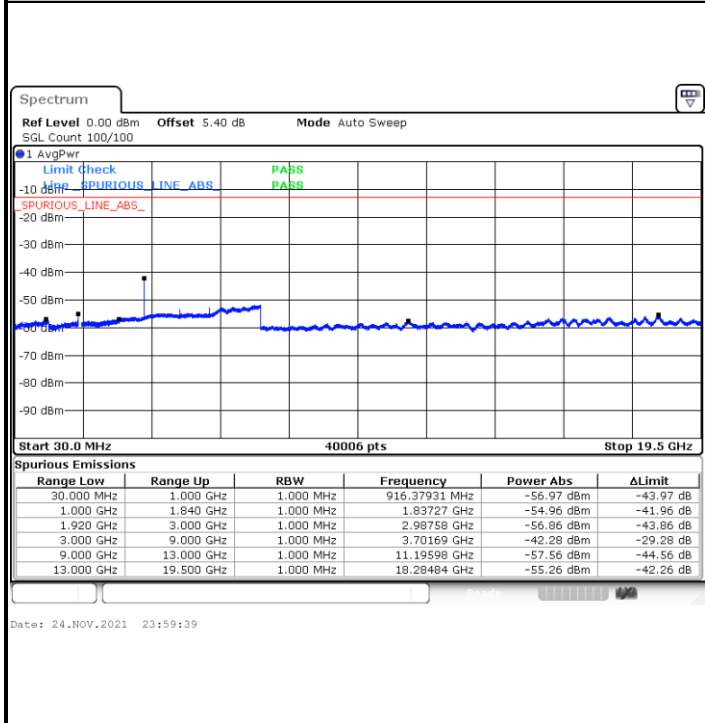
**Highest Channel / QPSK**



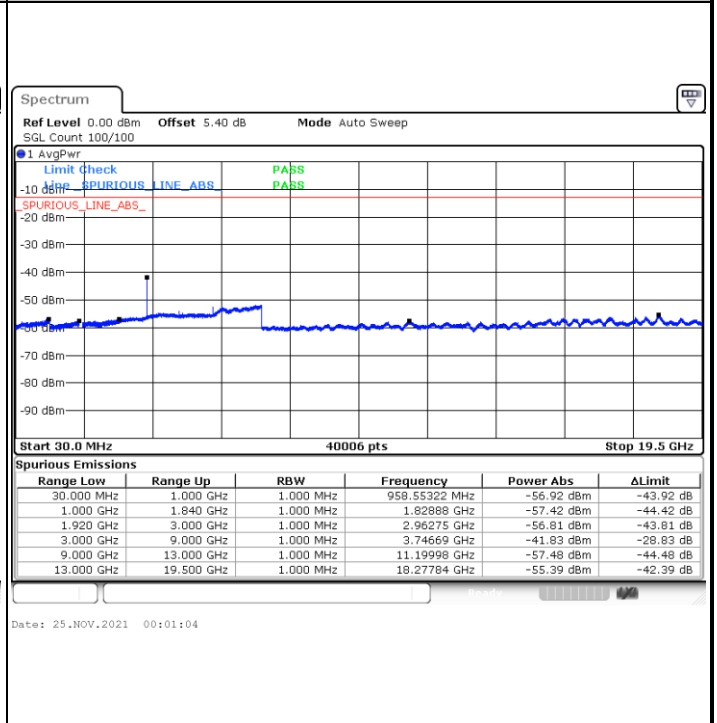


**LTE Band 2 / 15MHz**

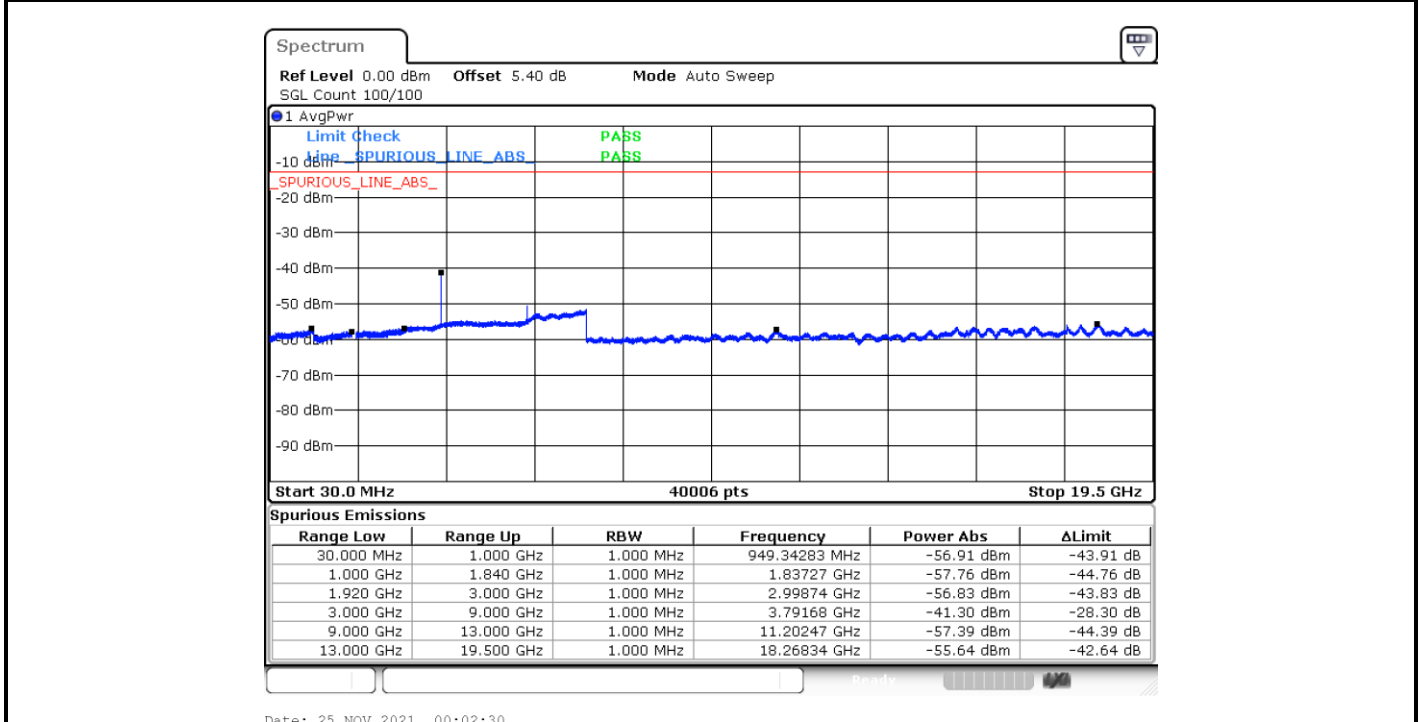
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



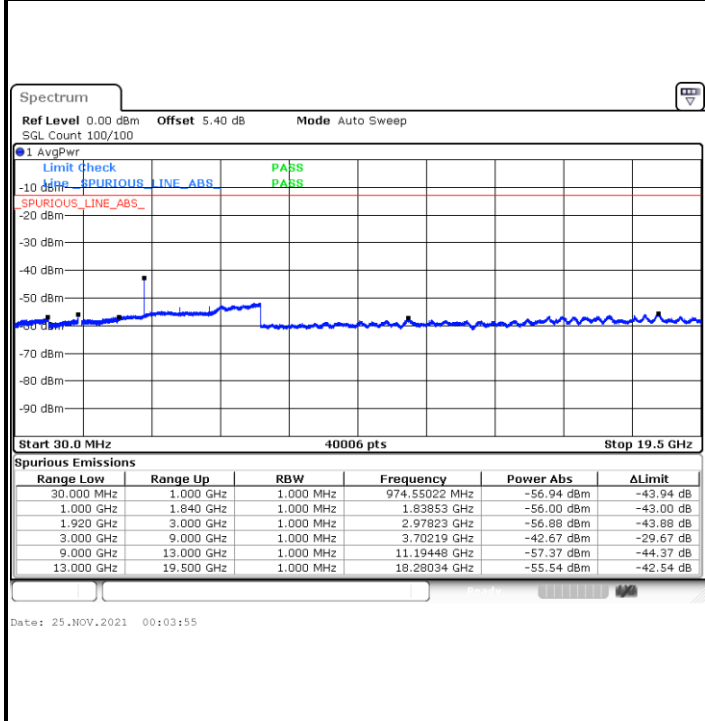
**Highest Channel / QPSK**



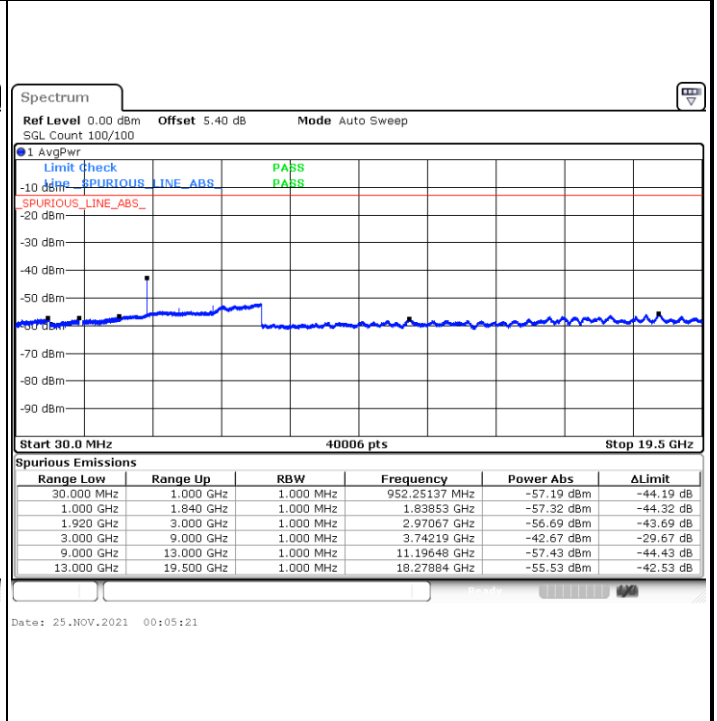


**LTE Band 2 / 20MHz**

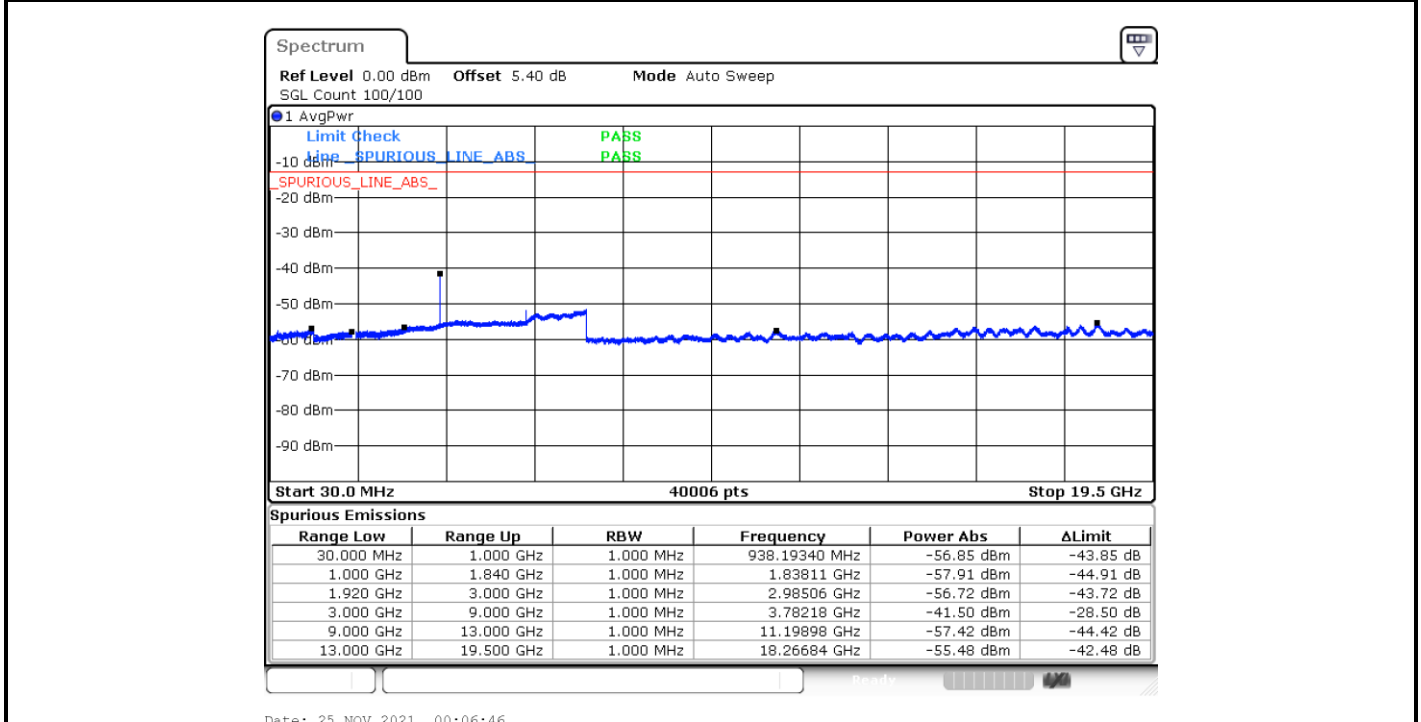
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





### Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0007	

**Note:**

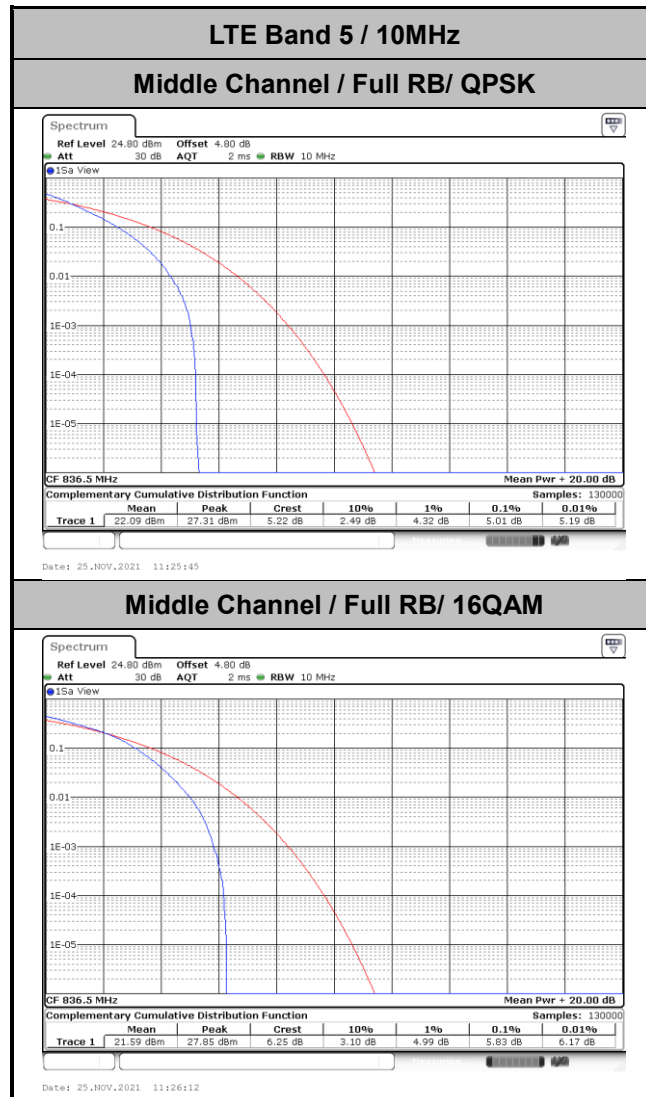
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

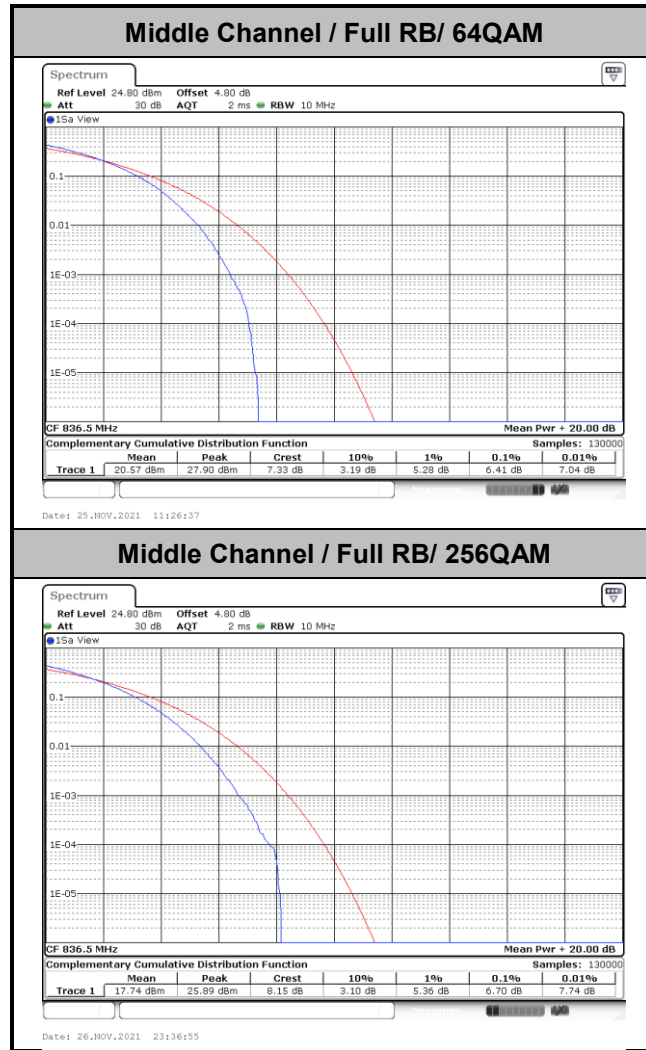


# LTE Band 5

## 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	5.83	6.41	PASS
Mode	LTE Band 5 / 10MHz			
Mod.	256QAM			Limit: 13dB
RB Size	Full RB			Result
Middle CH	6.70			PASS

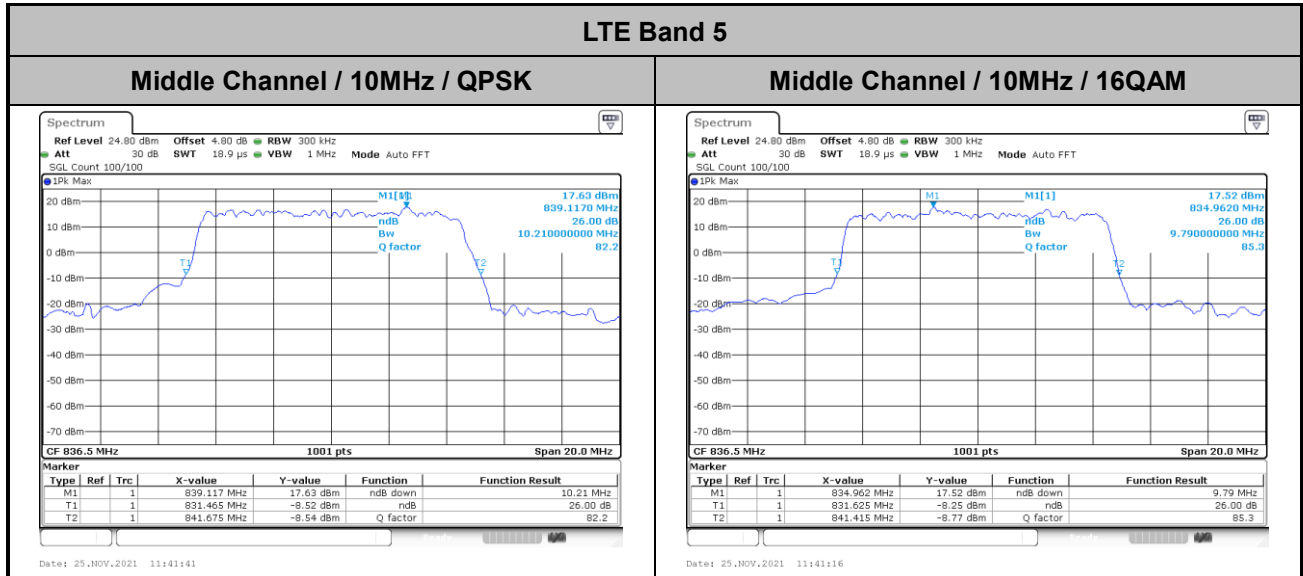






## 26dB Bandwidth

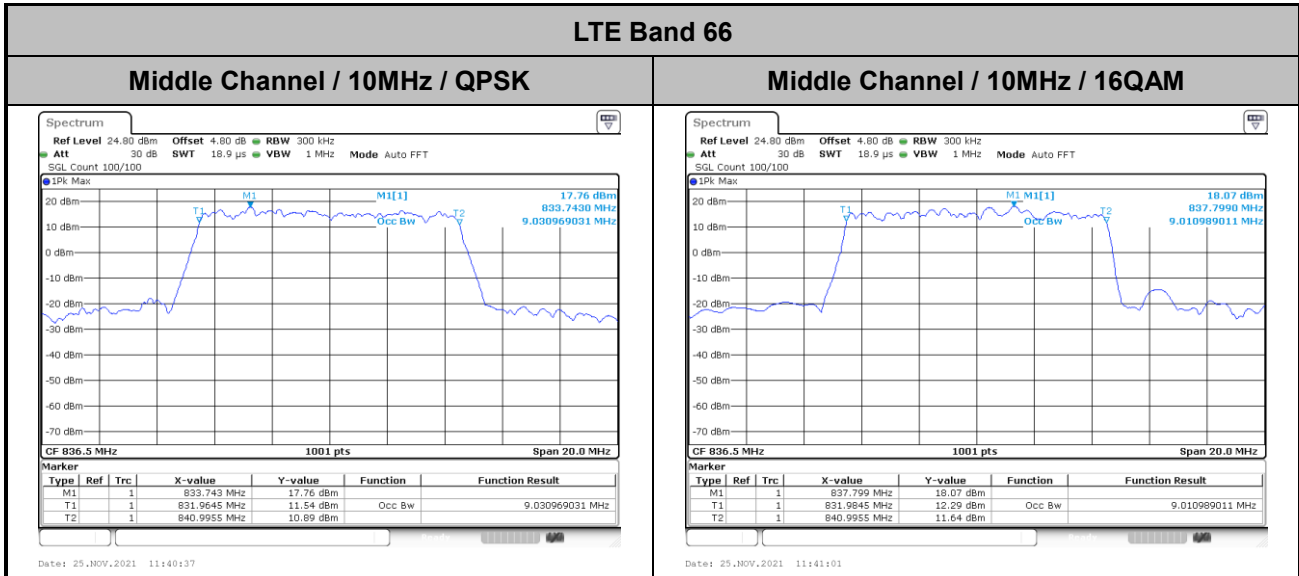
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	10.21	9.79





# Occupied Bandwidth

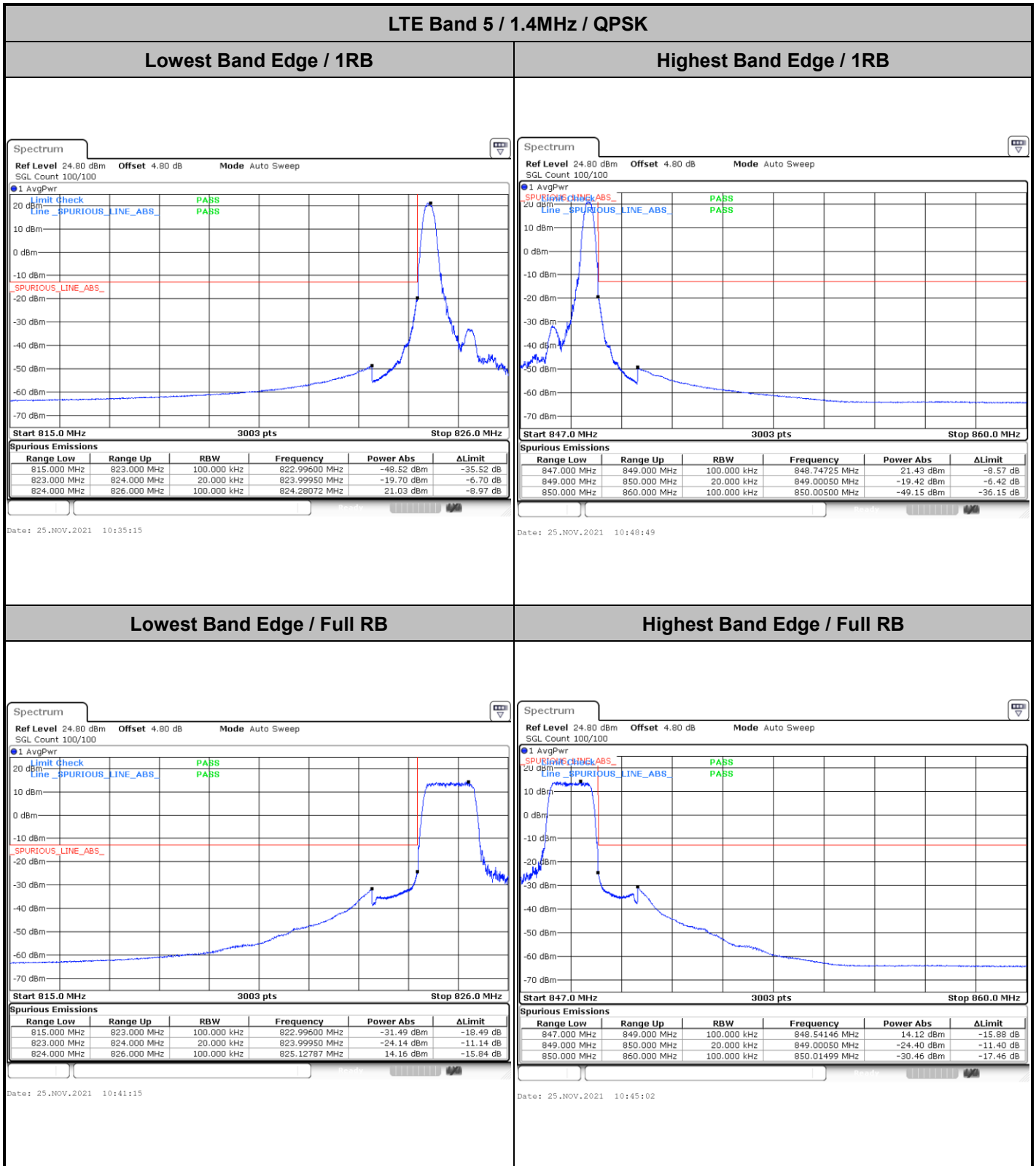
Mode	LTE Band 5 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	9.01







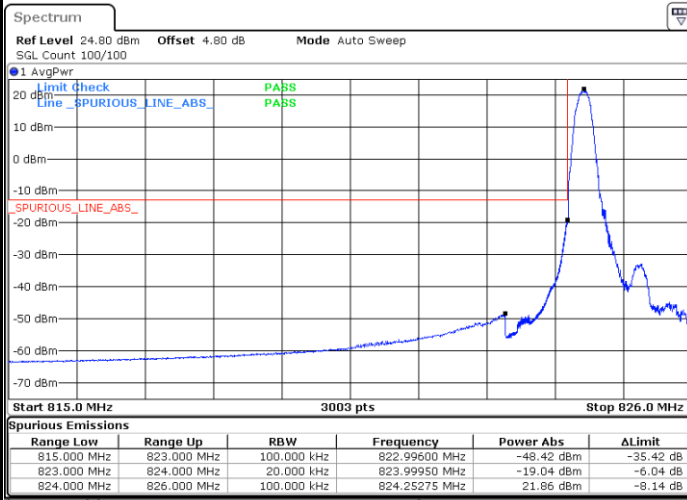
# Conducted Band Edge





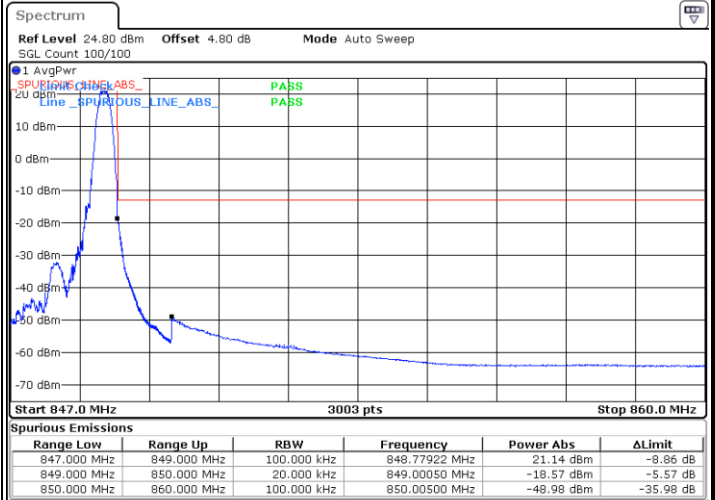
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



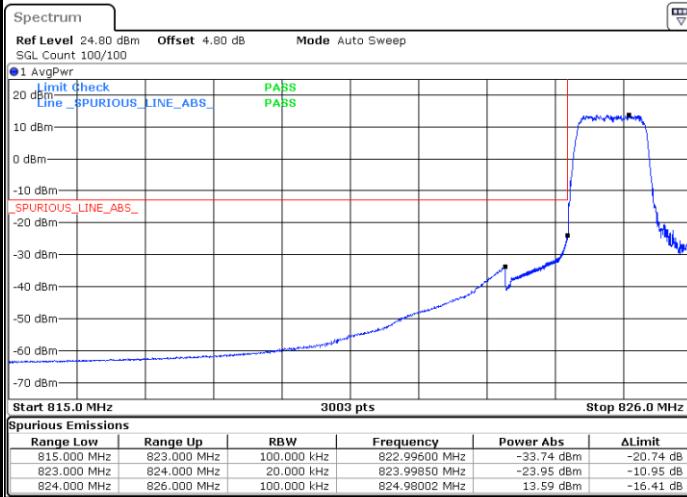
Date: 25.NOV.2021 10:39:22

Highest Band Edge / 1 RB



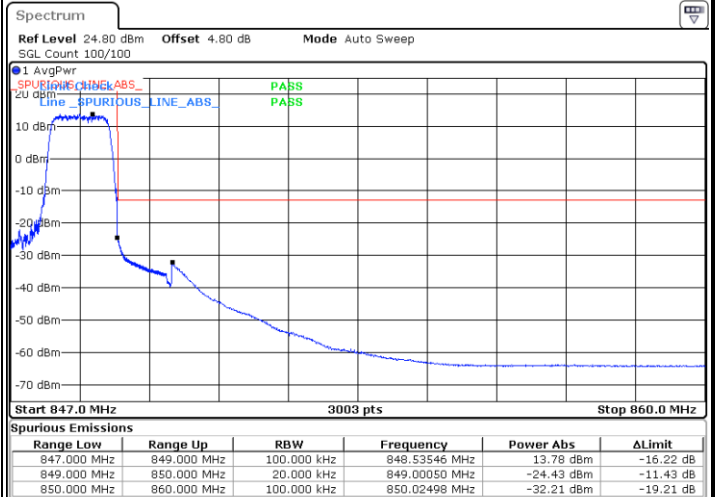
Date: 25.NOV.2021 10:50:42

Lowest Band Edge / Full RB



Date: 25.NOV.2021 10:43:09

Highest Band Edge / Full RB

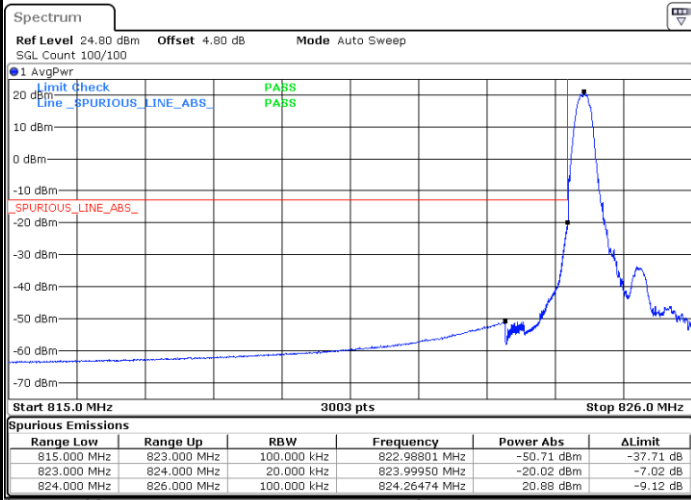


Date: 25.NOV.2021 10:46:55



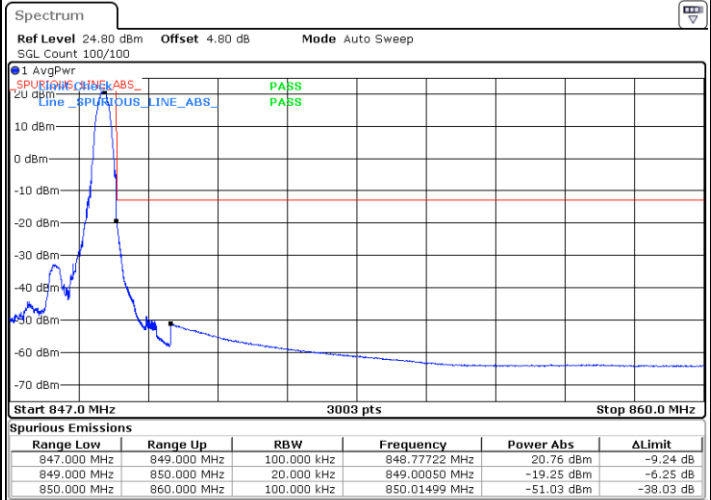
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



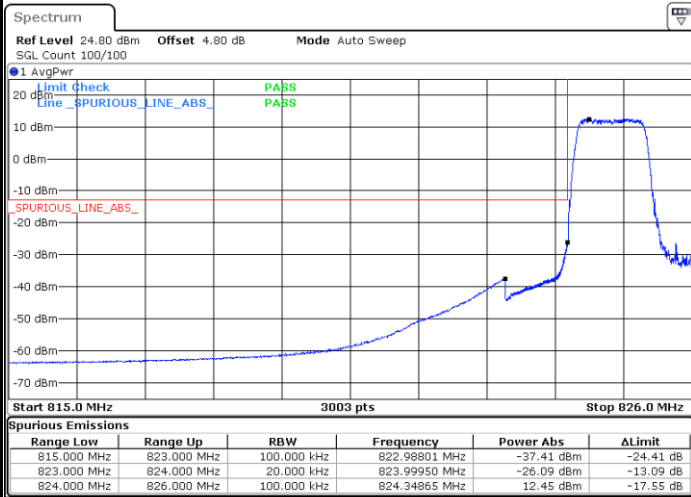
Date: 25.NOV.2021 10:56:50

Highest Band Edge / 1 RB



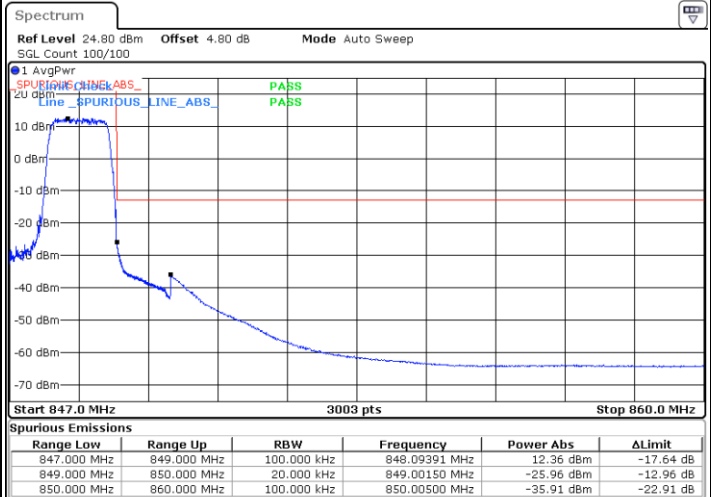
Date: 25.NOV.2021 11:02:31

Lowest Band Edge / Full RB



Date: 25.NOV.2021 10:58:43

Highest Band Edge / Full RB

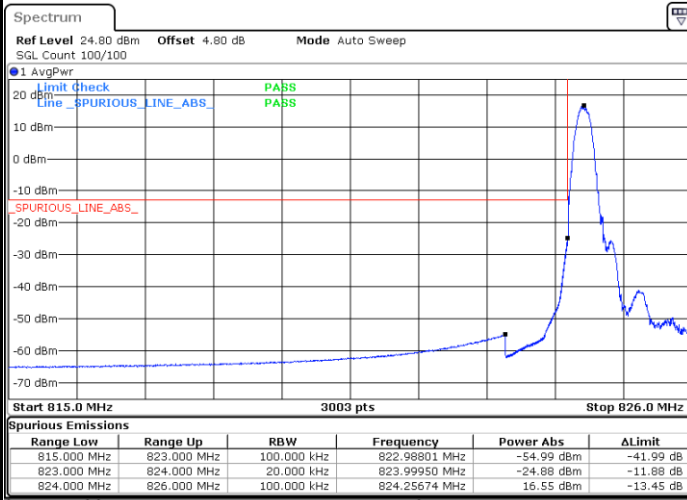


Date: 25.NOV.2021 11:00:37



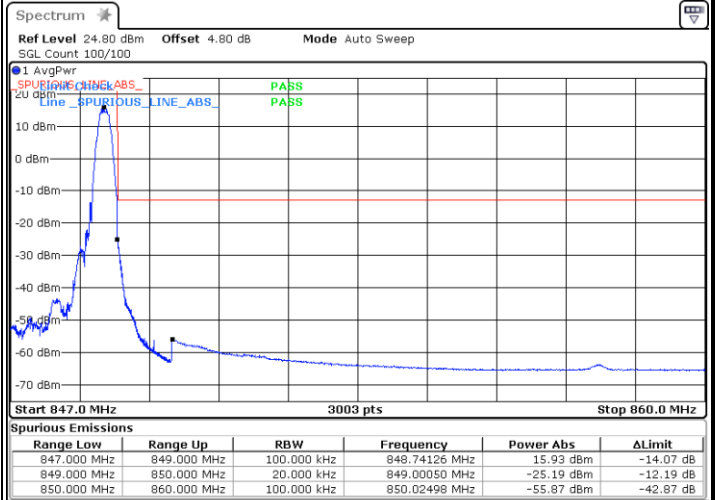
LTE Band 5 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



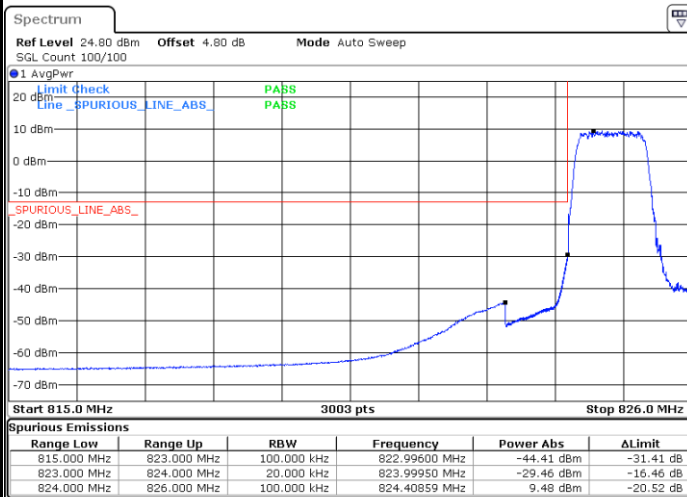
Date: 26.NOV.2021 22:25:27

Highest Band Edge / 1 RB



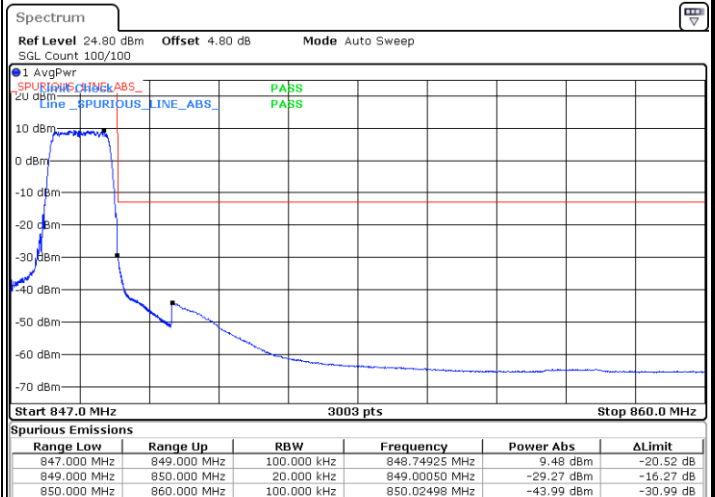
Date: 26.NOV.2021 22:42:49

Lowest Band Edge / Full RB



Date: 26.NOV.2021 22:09:16

Highest Band Edge / Full RB

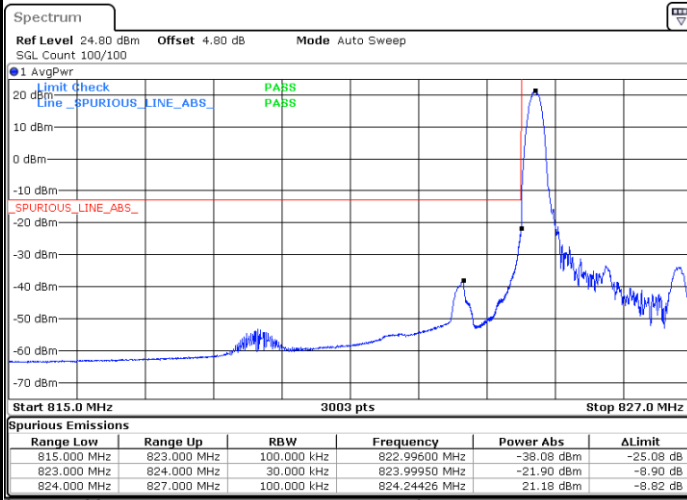


Date: 26.NOV.2021 22:27:26



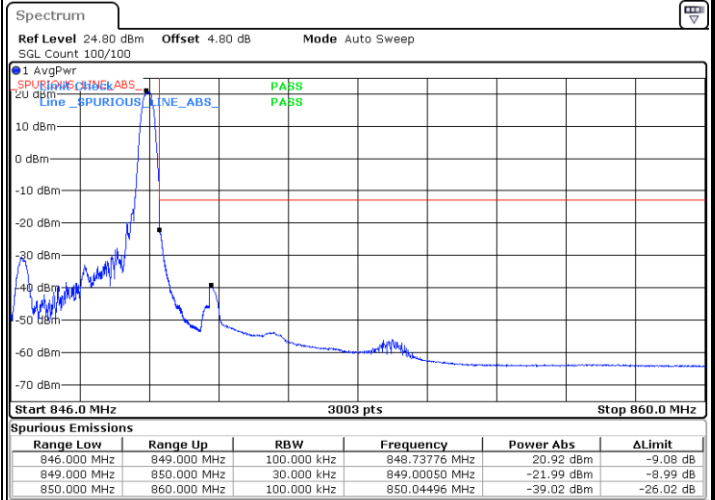
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



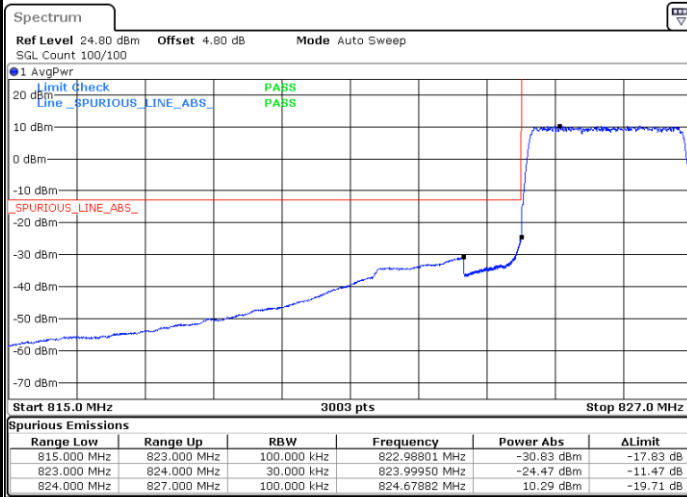
Date: 25.NOV.2021 09:32:13

Highest Band Edge / 1 RB



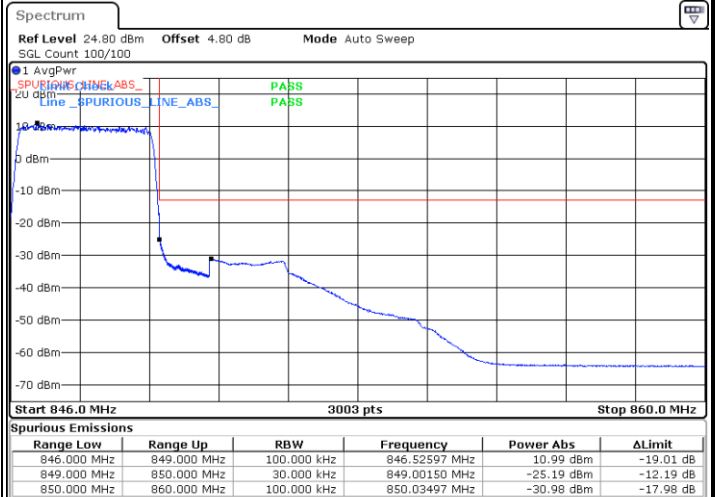
Date: 25.NOV.2021 09:39:48

Lowest Band Edge / Full RB



Date: 25.NOV.2021 09:36:01

Highest Band Edge / Full RB



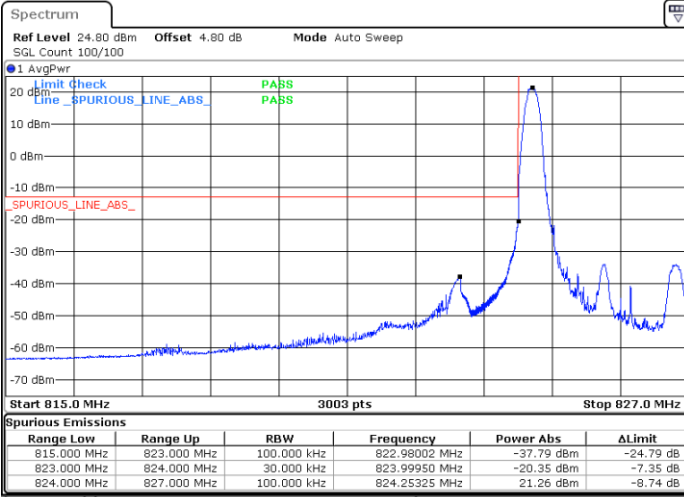
Date: 25.NOV.2021 09:43:34



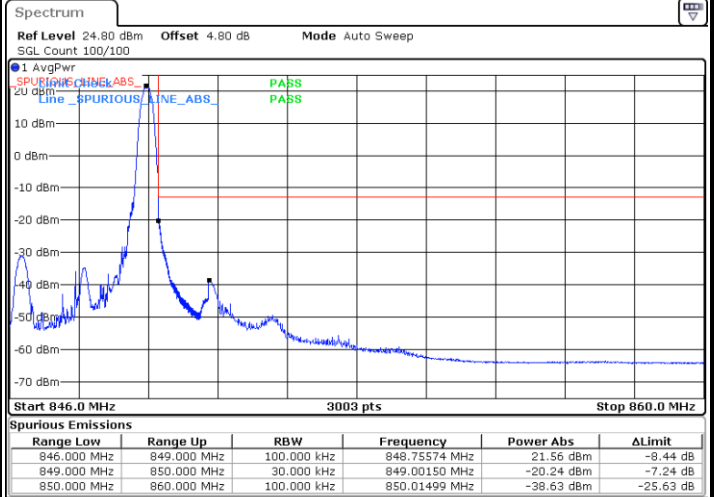
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



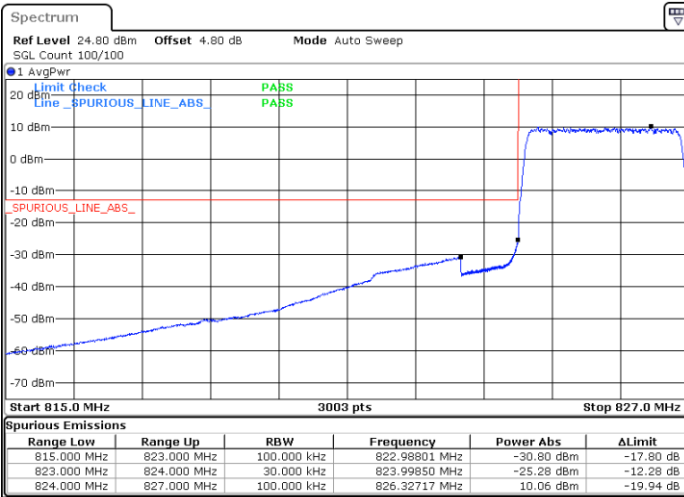
Date: 25.NOV.2021 09:34:06



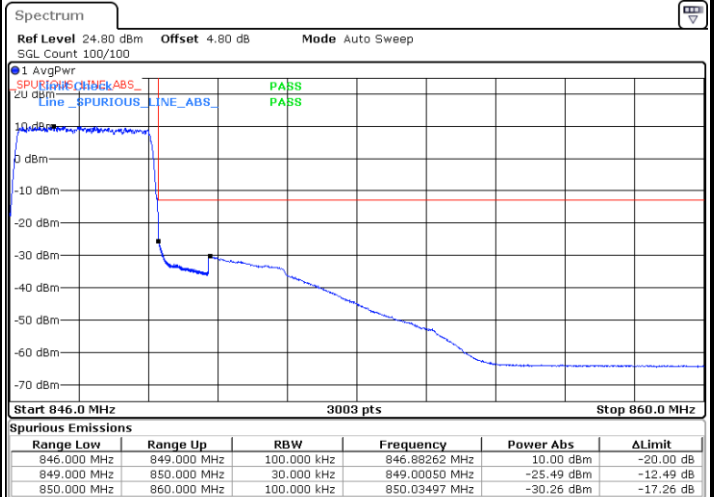
Date: 25.NOV.2021 09:41:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25.NOV.2021 09:37:54

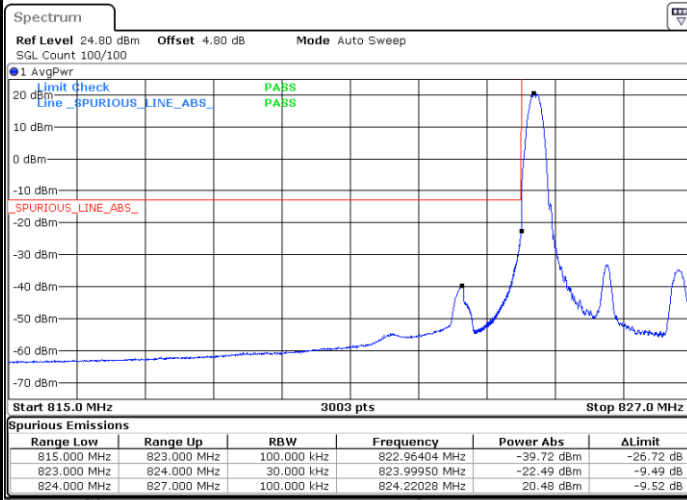


Date: 25.NOV.2021 09:45:28



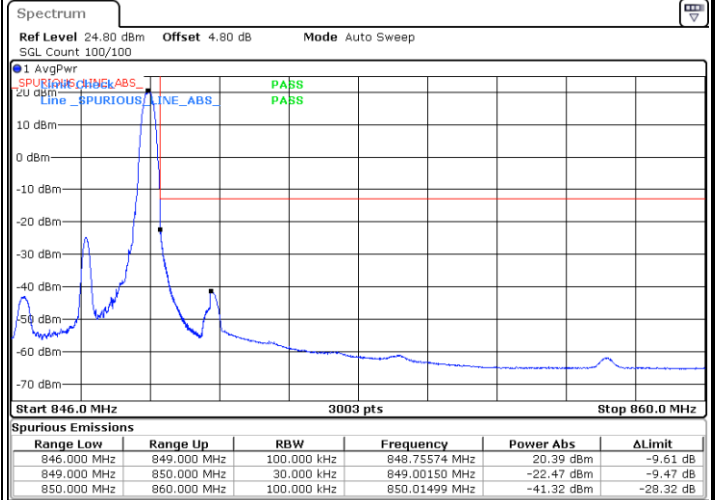
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



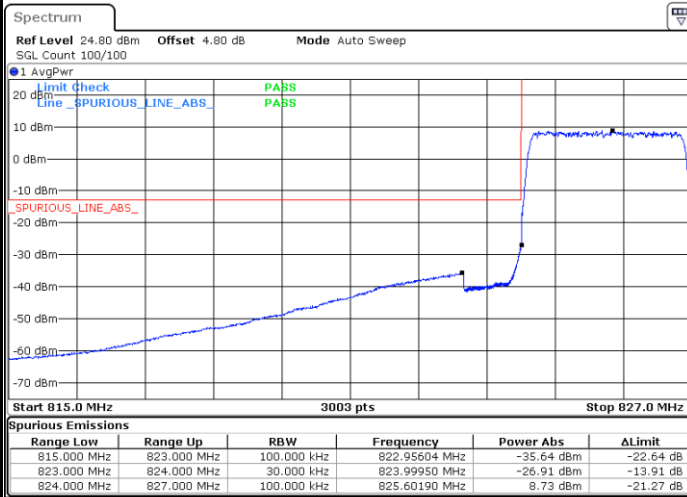
Date: 25.NOV.2021 11:10:07

Highest Band Edge / 1 RB



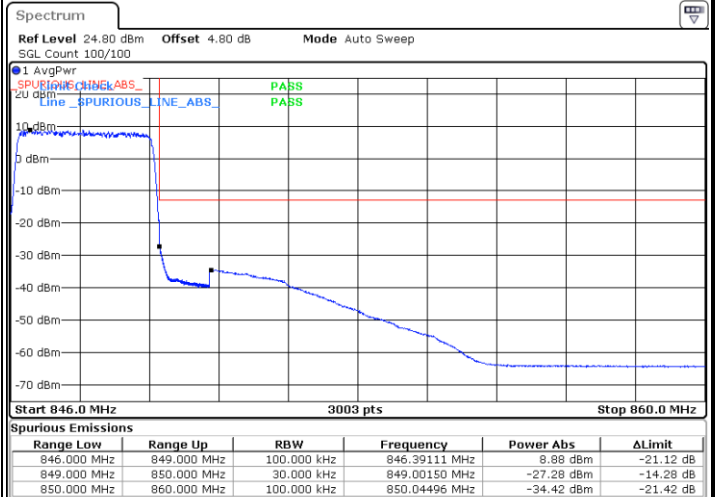
Date: 27.NOV.2021 14:34:22

Lowest Band Edge / Full RB



Date: 25.NOV.2021 11:08:14

Highest Band Edge / Full RB

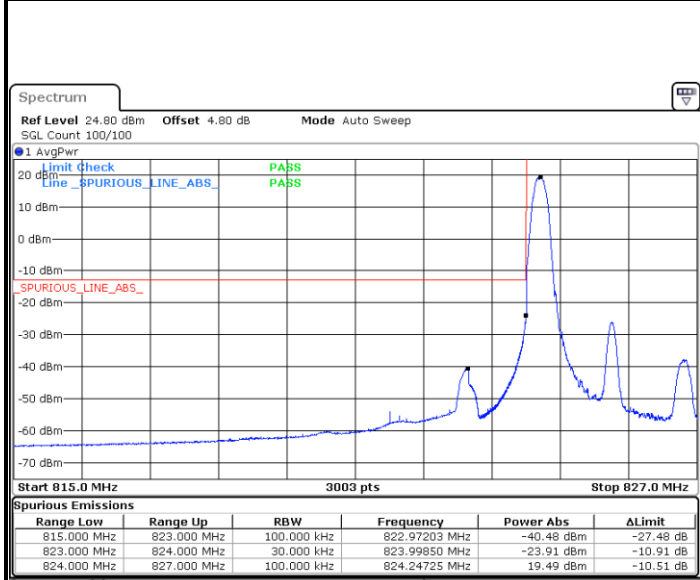


Date: 25.NOV.2021 11:06:20



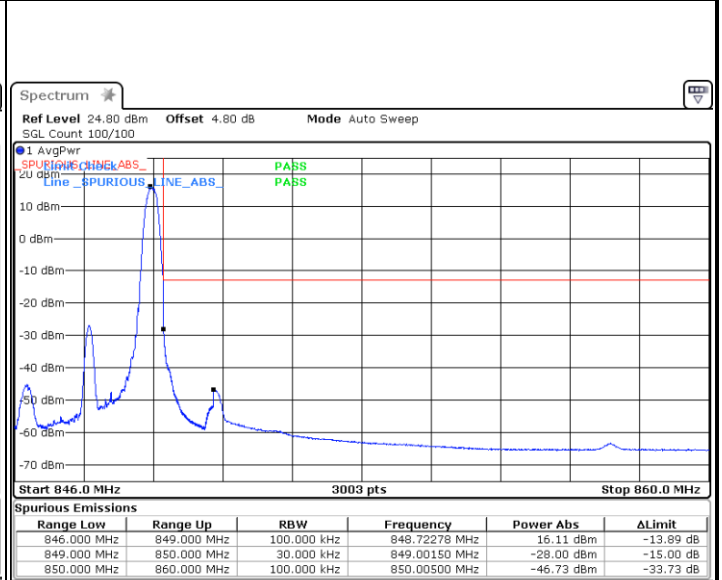
**LTE Band 66 / 3MHz / 256QAM**

**Lowest Band Edge / 1 RB**



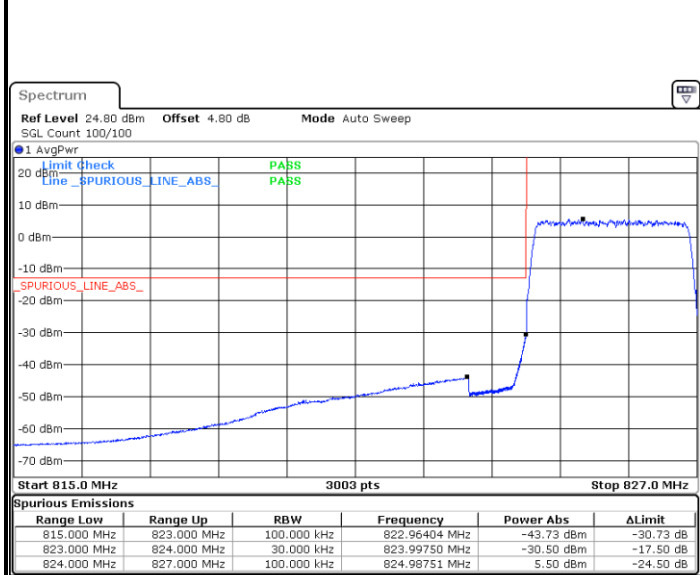
Date: 26.NOV.2021 22:50:59

**Highest Band Edge / 1 RB**



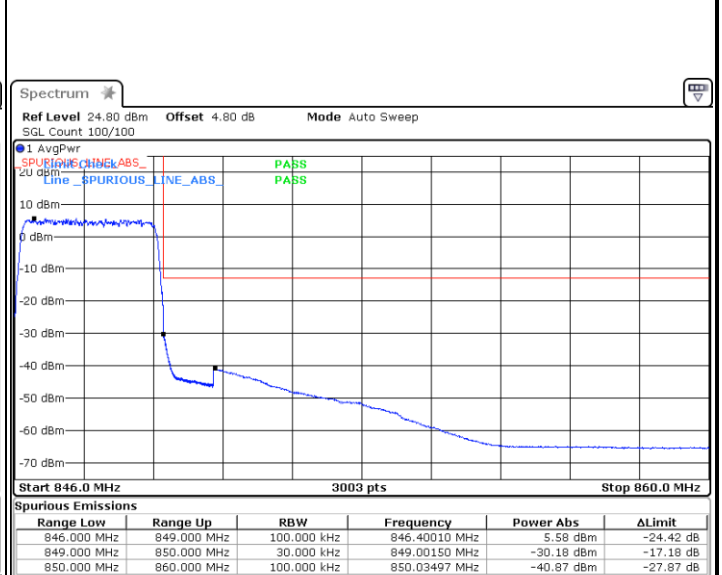
Date: 26.NOV.2021 22:53:34

**Lowest Band Edge / Full RB**



Date: 26.NOV.2021 22:45:26

**Highest Band Edge / Full RB**



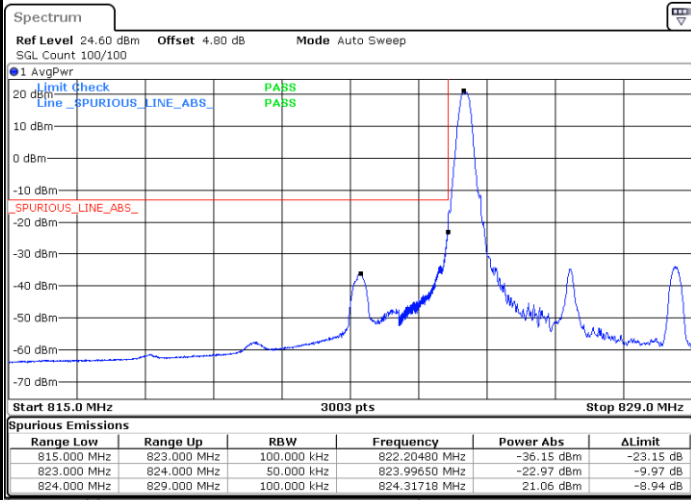
Date: 26.NOV.2021 22:59:00





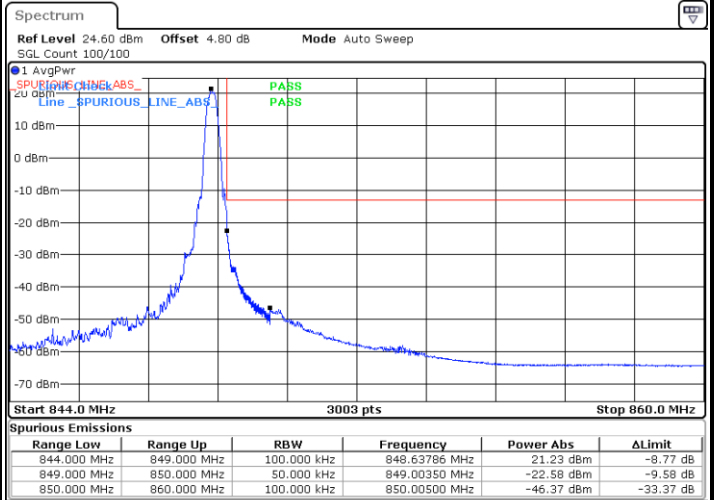
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



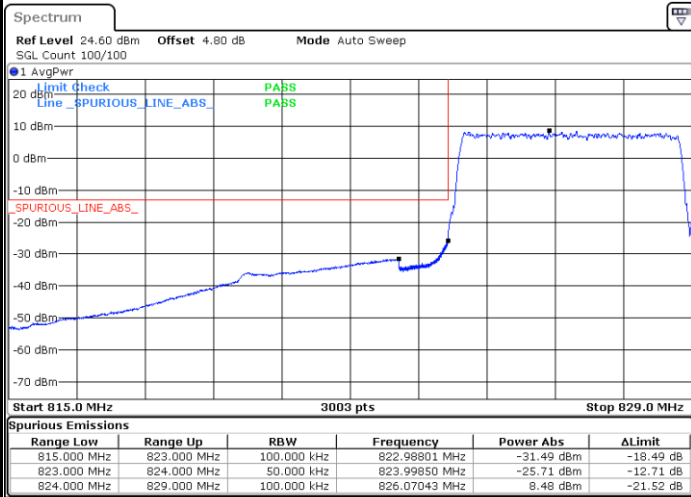
Date: 25.NOV.2021 09:47:22

Highest Band Edge / 1 RB



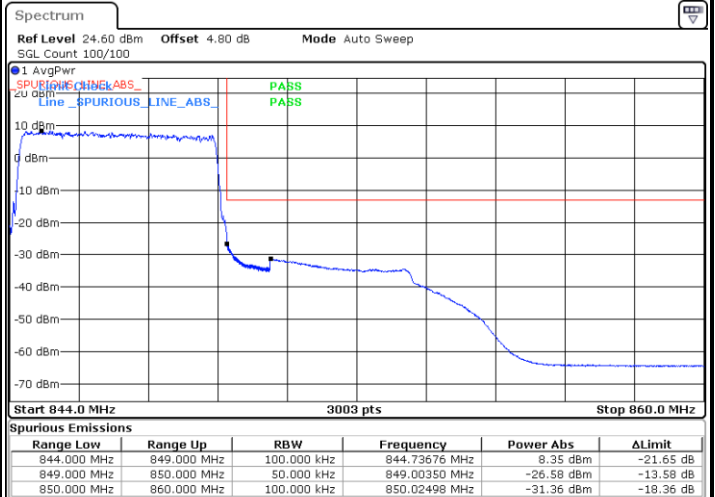
Date: 25.NOV.2021 09:54:56

Lowest Band Edge / Full RB



Date: 25.NOV.2021 09:51:09

Highest Band Edge / Full RB

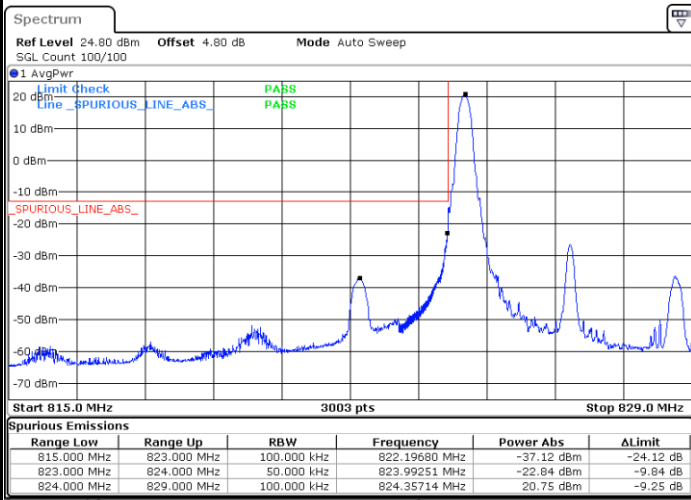


Date: 25.NOV.2021 09:58:42



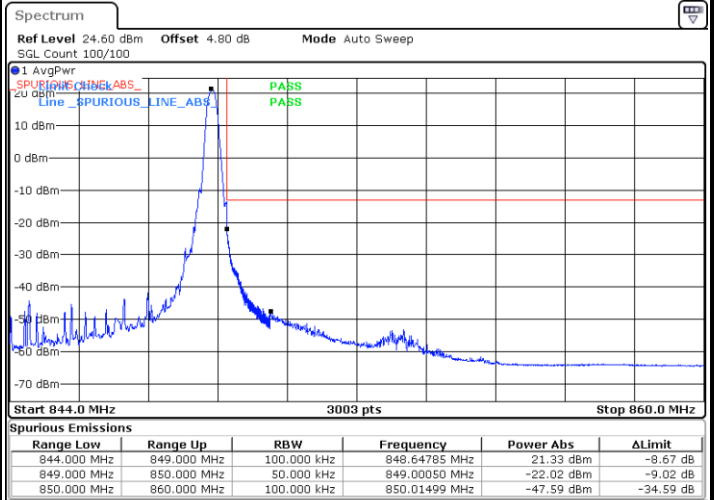
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



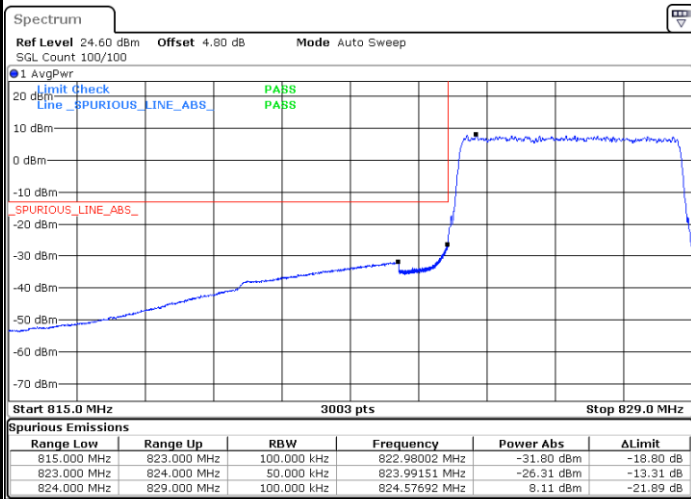
Date: 27.NOV.2021 14:36:14

Highest Band Edge / 1 RB



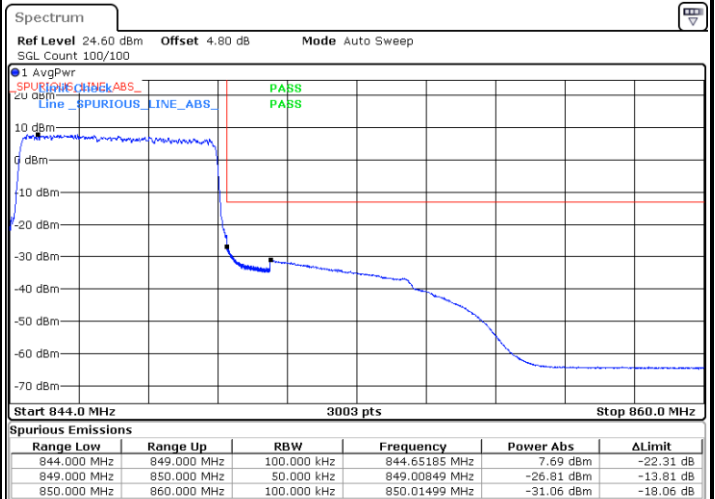
Date: 25.NOV.2021 09:56:49

Lowest Band Edge / Full RB



Date: 25.NOV.2021 09:53:02

Highest Band Edge / Full RB

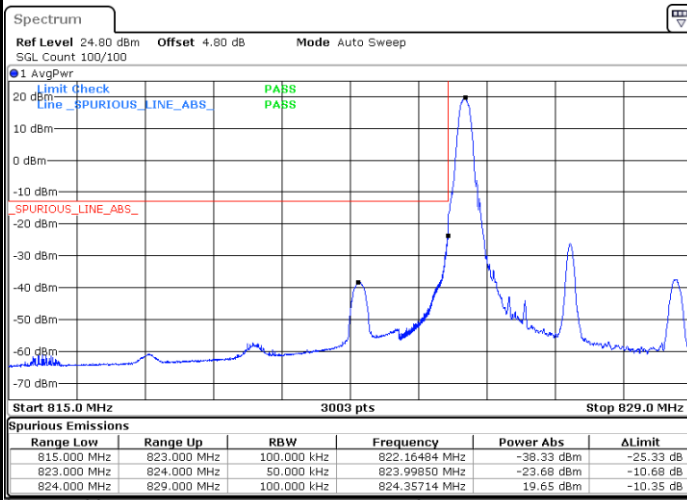


Date: 25.NOV.2021 10:00:36



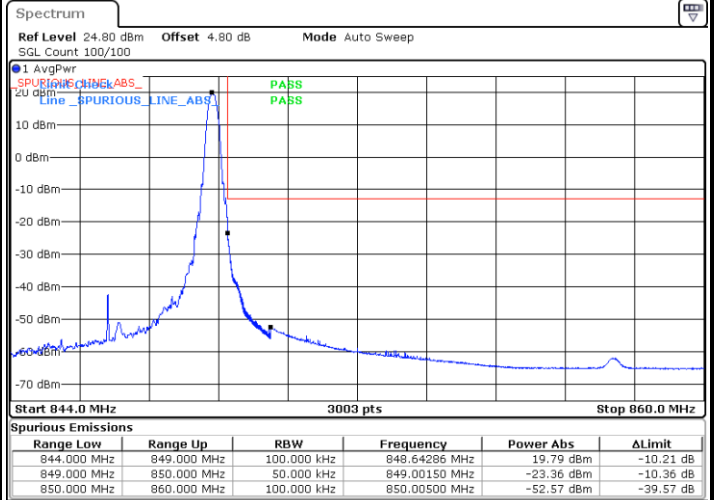
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



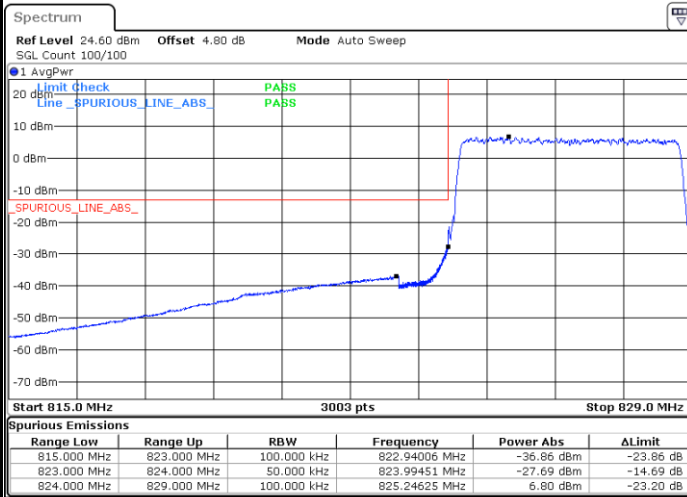
Date: 27.NOV.2021 14:44:20

Highest Band Edge / 1 RB



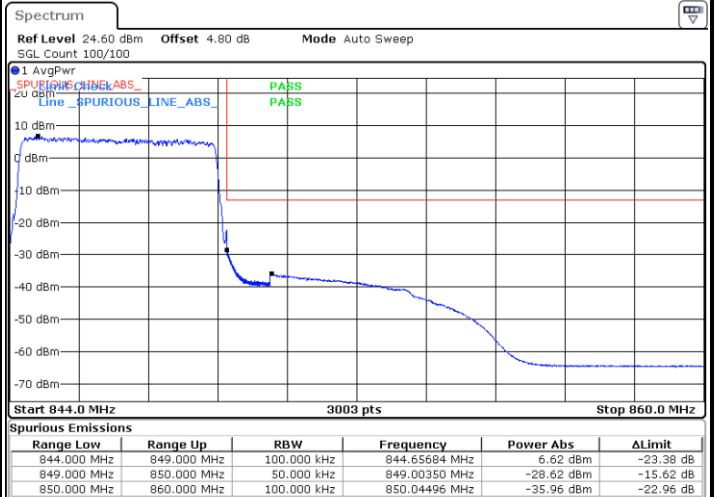
Date: 27.NOV.2021 14:40:07

Lowest Band Edge / Full RB



Date: 25.NOV.2021 11:13:55

Highest Band Edge / Full RB

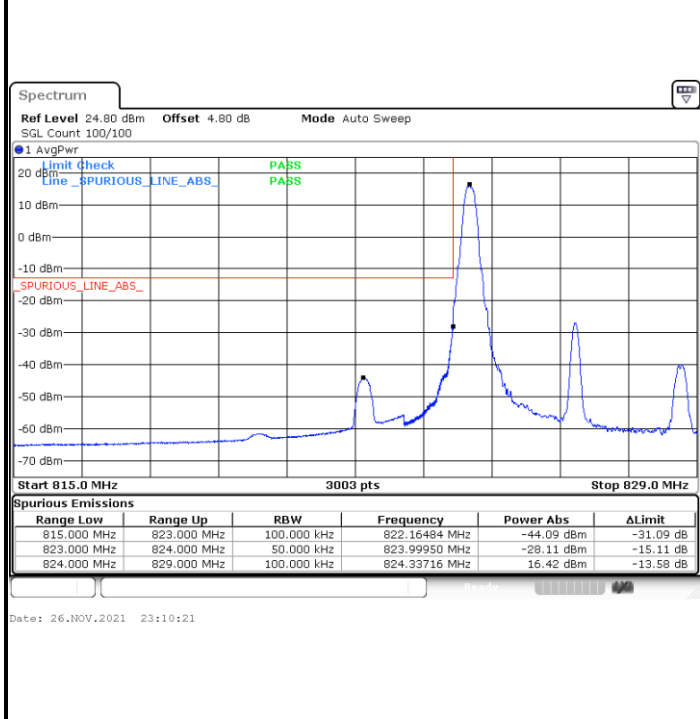


Date: 25.NOV.2021 11:15:49

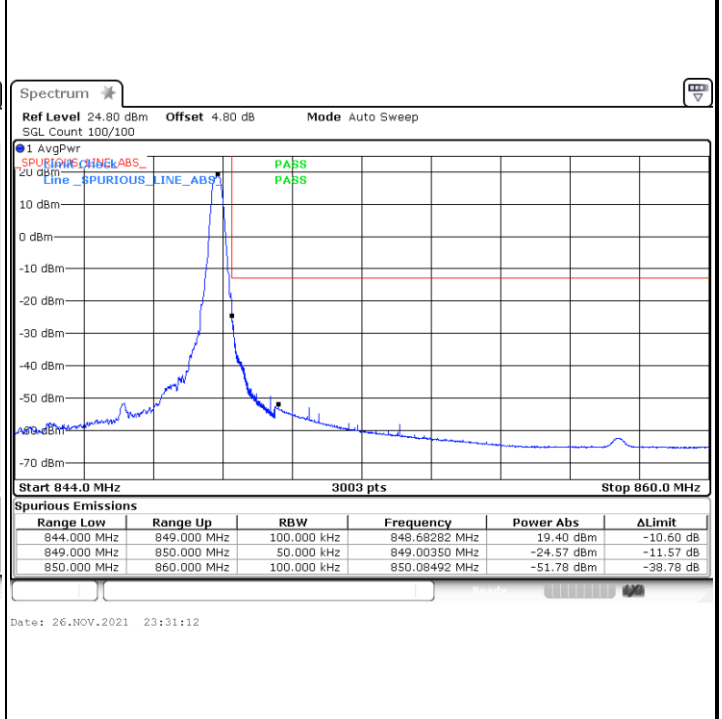


**LTE Band 5 / 5MHz / 256QAM**

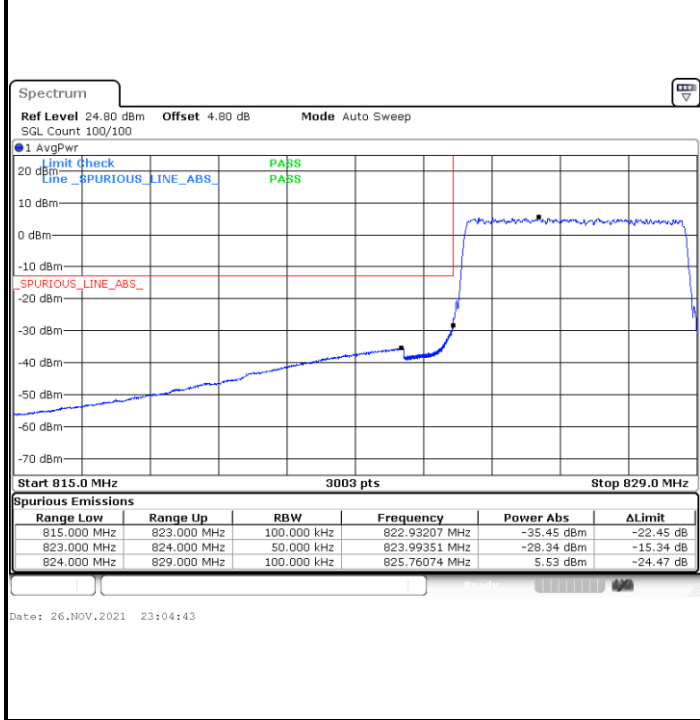
**Lowest Band Edge / 1RB**



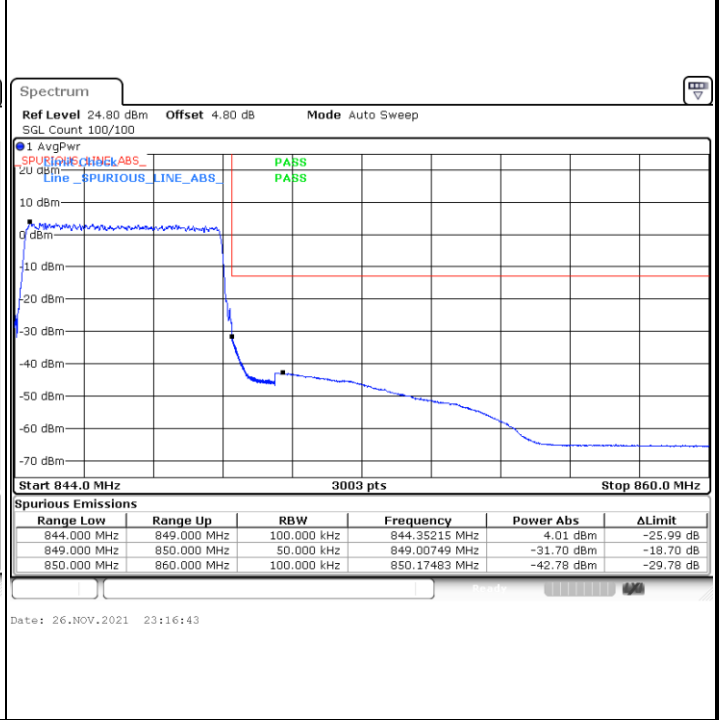
**Highest Band Edge / 1 RB**



**Lowest Band Edge / Full RB**



**Highest Band Edge / Full RB**

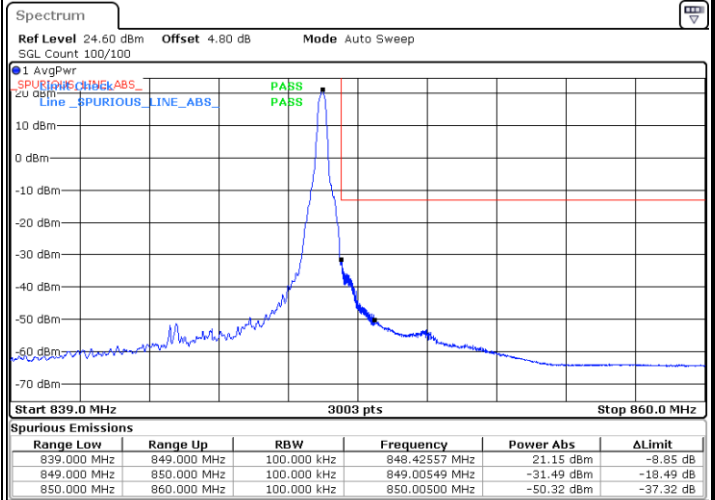
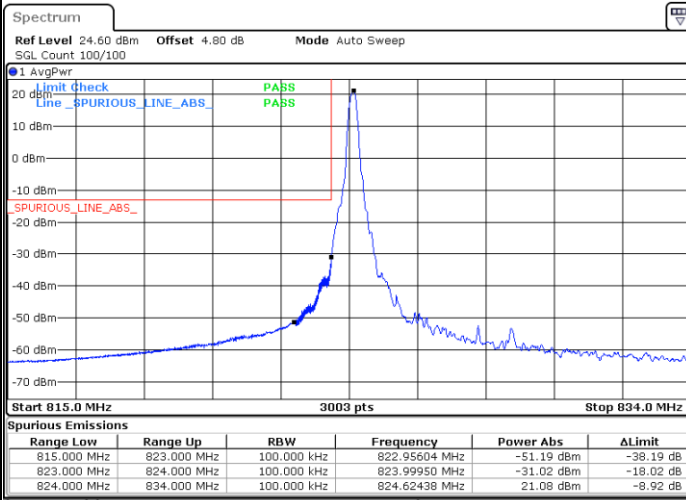




LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

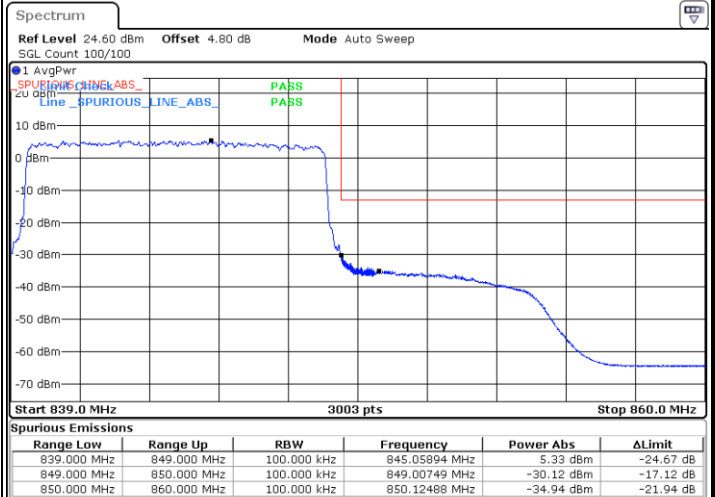
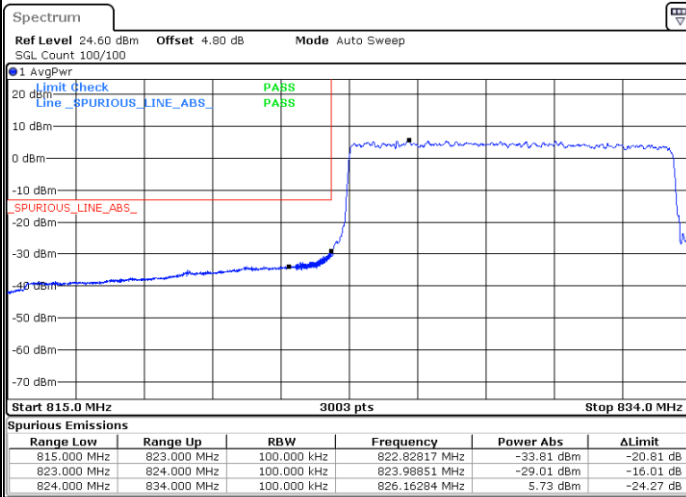


Date: 25.NOV.2021 10:02:30

Date: 25.NOV.2021 10:10:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25.NOV.2021 10:06:19

Date: 25.NOV.2021 10:16:42