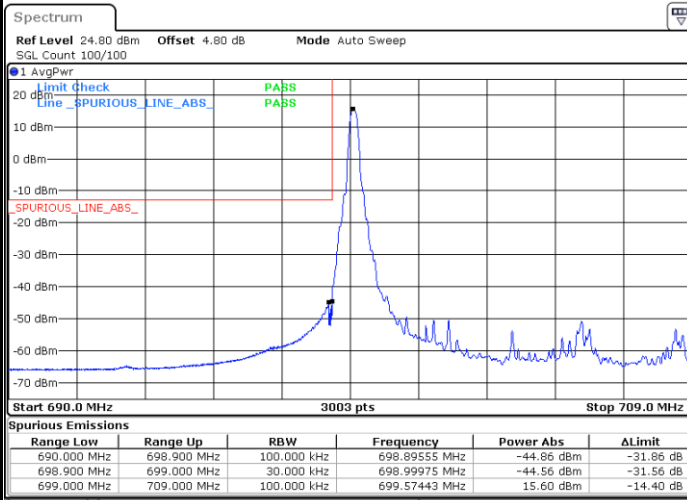


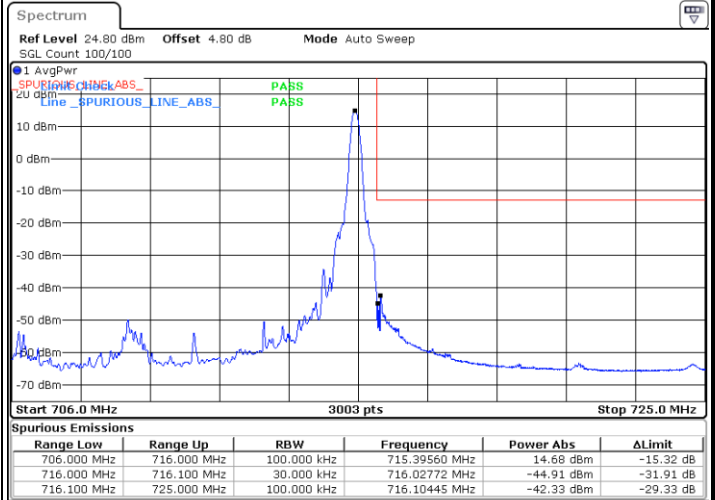


LTE Band 12 / 10MHz / 16QAM

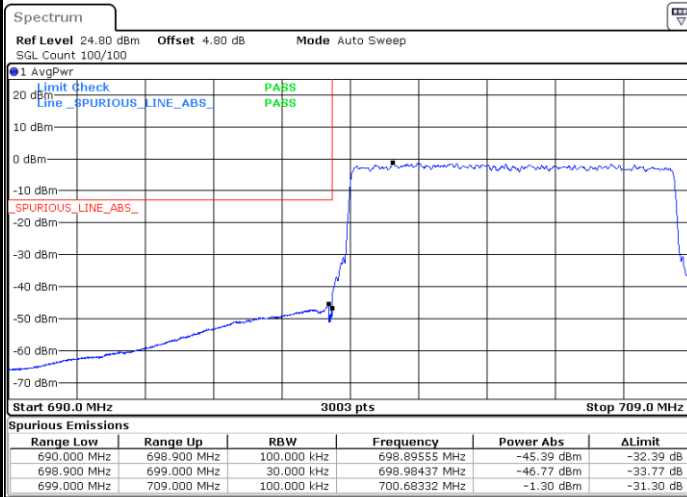
Lowest Band Edge / 1 RB



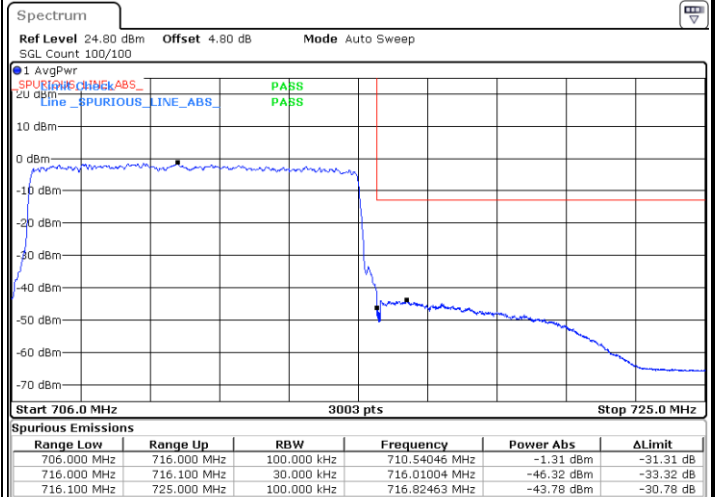
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



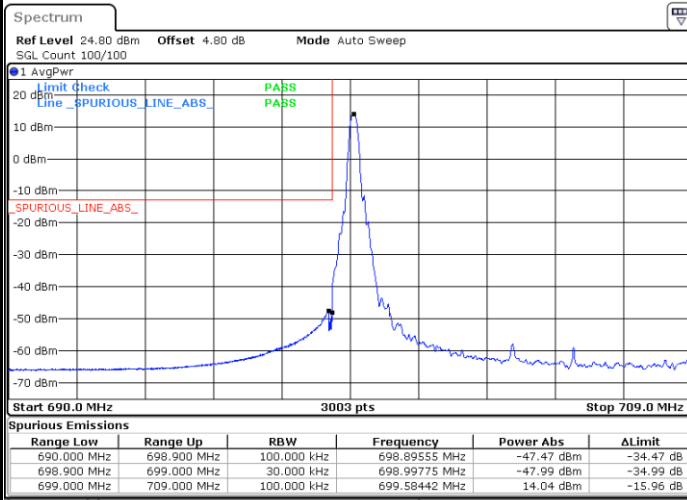
Highest Band Edge / Full RB





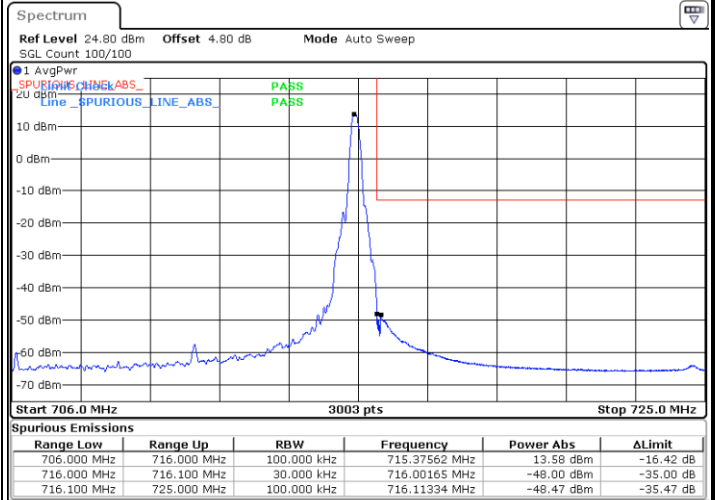
LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



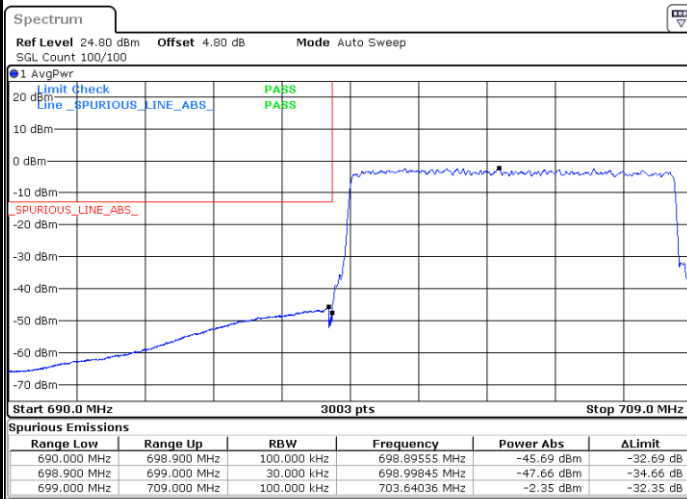
Date: 31.JAN.2022 23:02:50

Highest Band Edge / 1 RB



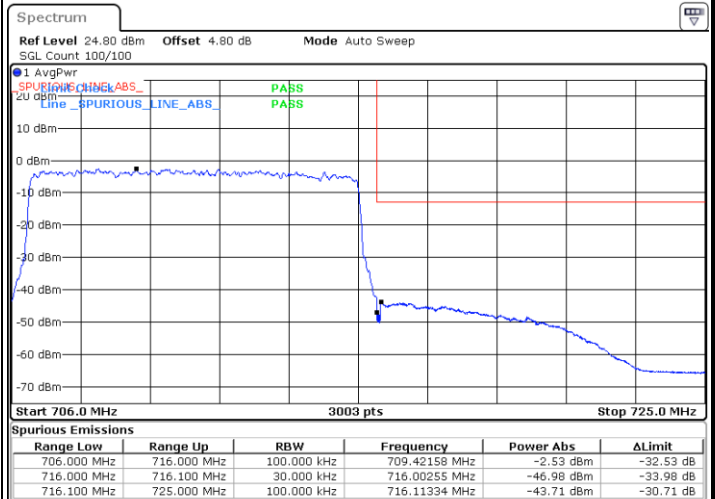
Date: 31.JAN.2022 23:06:50

Lowest Band Edge / Full RB



Date: 31.JAN.2022 23:04:10

Highest Band Edge / Full RB

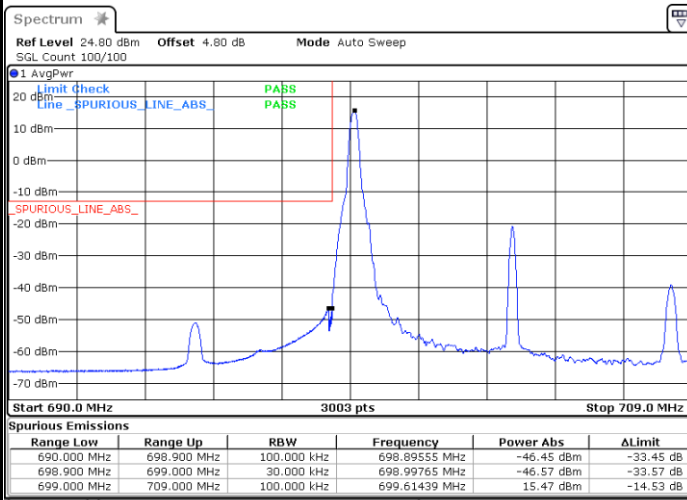


Date: 31.JAN.2022 23:05:30



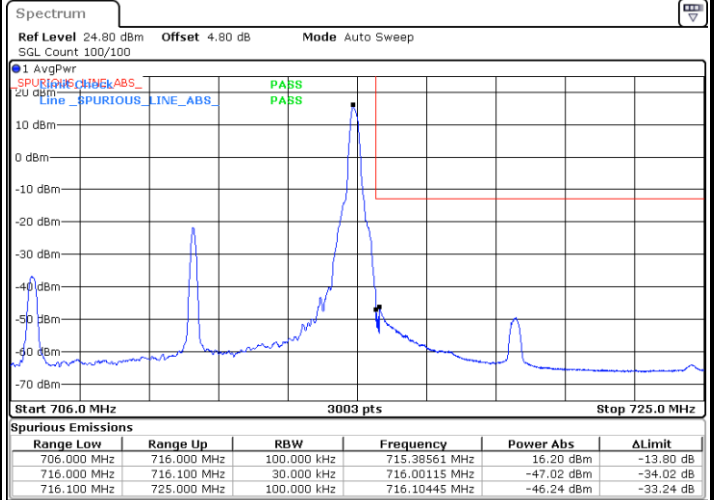
LTE Band 12 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



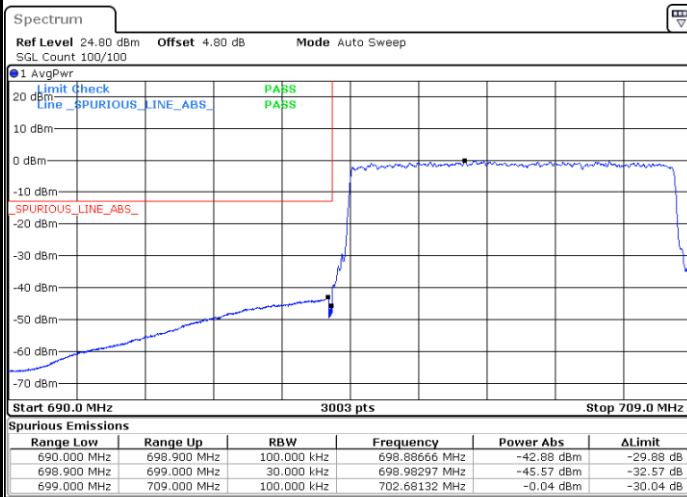
Date: 19.MAR.2022 14:59:30

Highest Band Edge / 1 RB



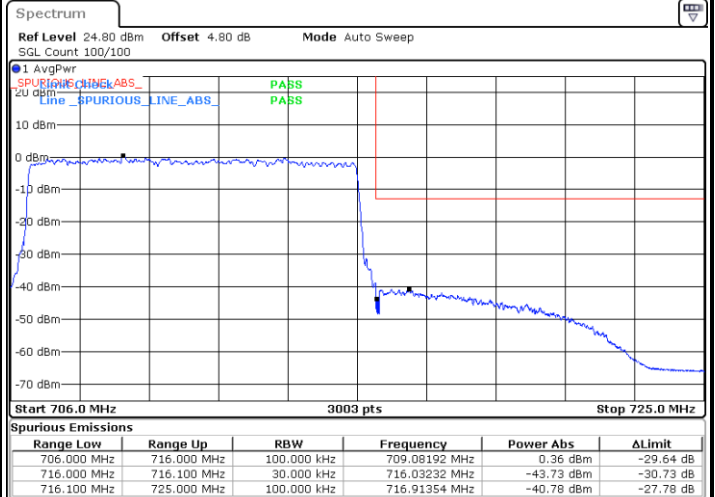
Date: 19.MAR.2022 15:01:47

Lowest Band Edge / Full RB



Date: 19.MAR.2022 15:00:35

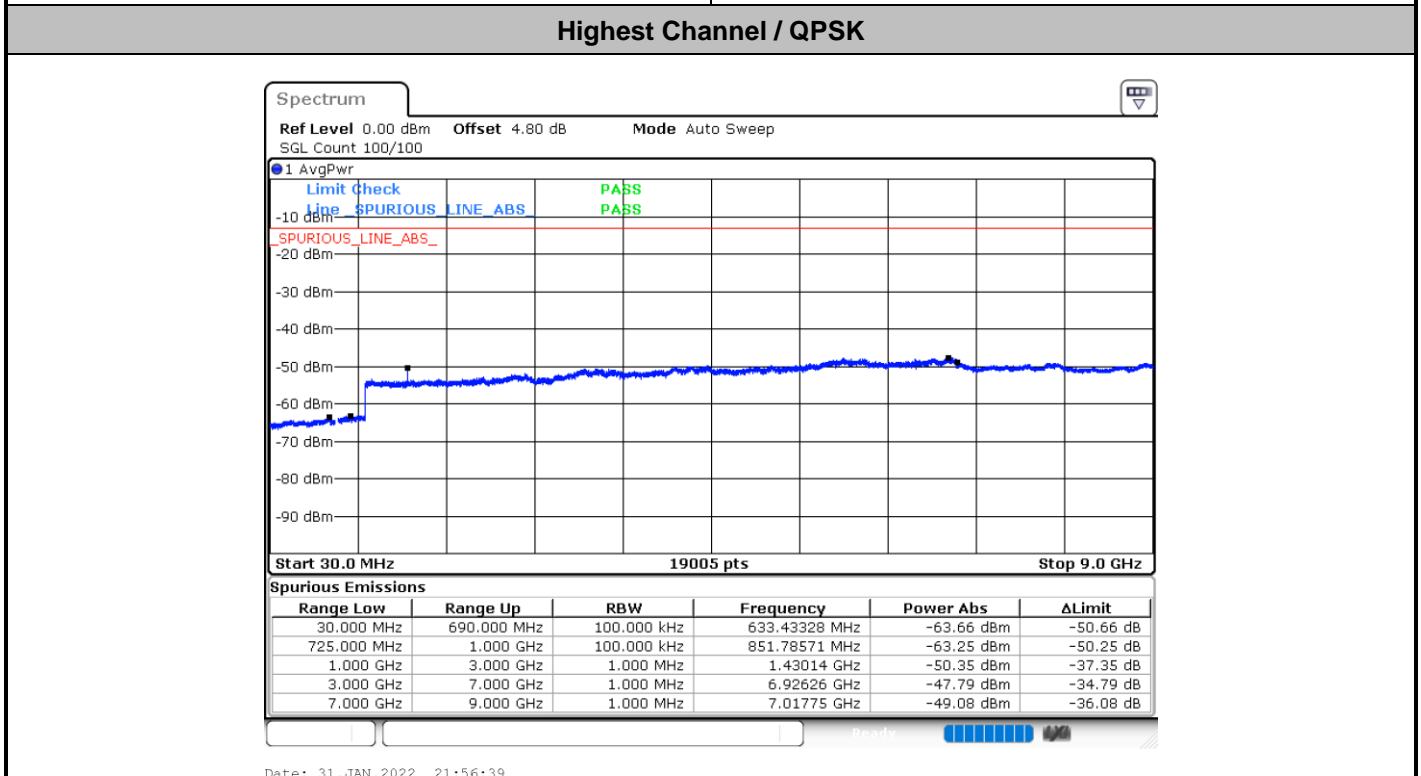
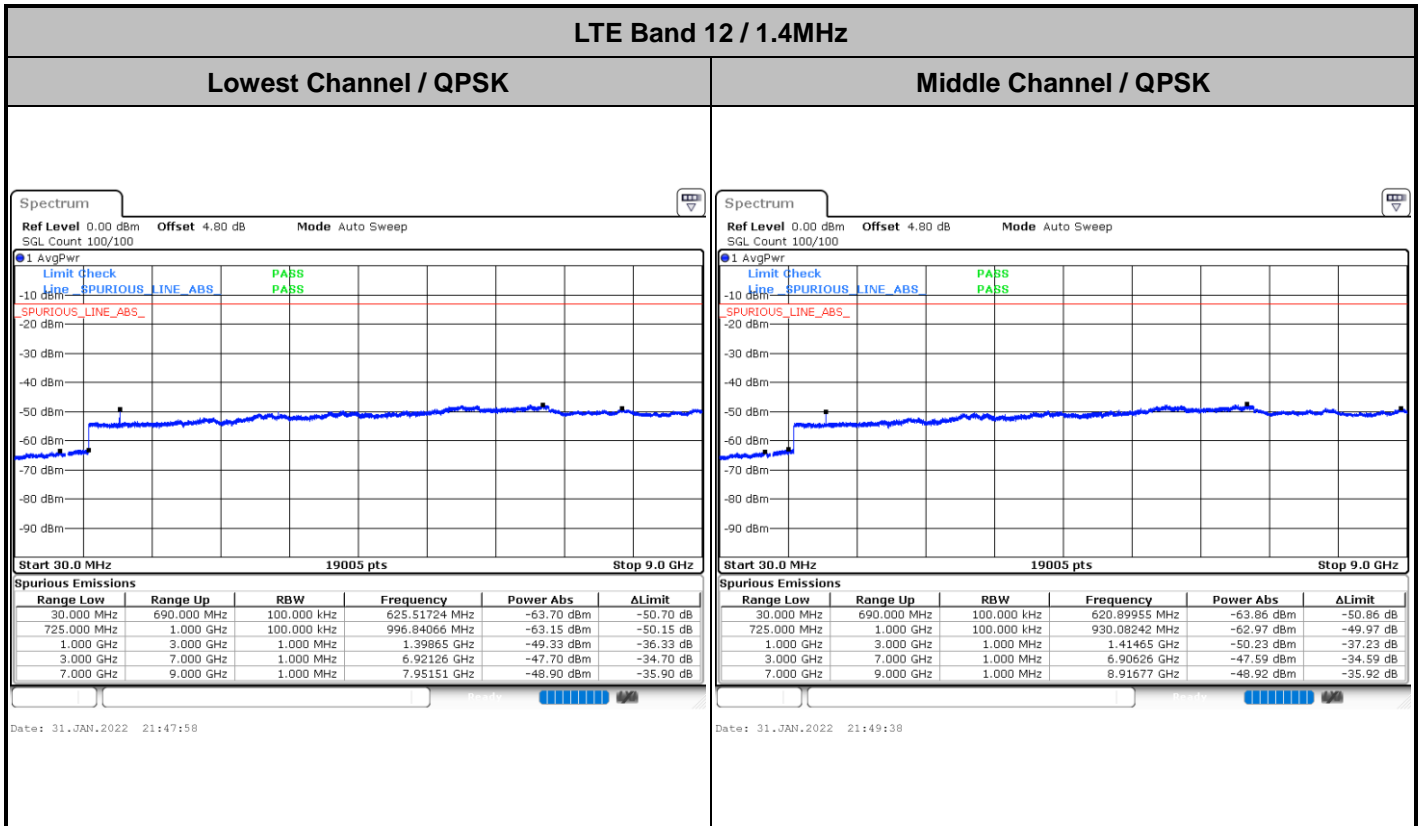
Highest Band Edge / Full RB



Date: 19.MAR.2022 15:02:43



# Conducted Spurious Emission

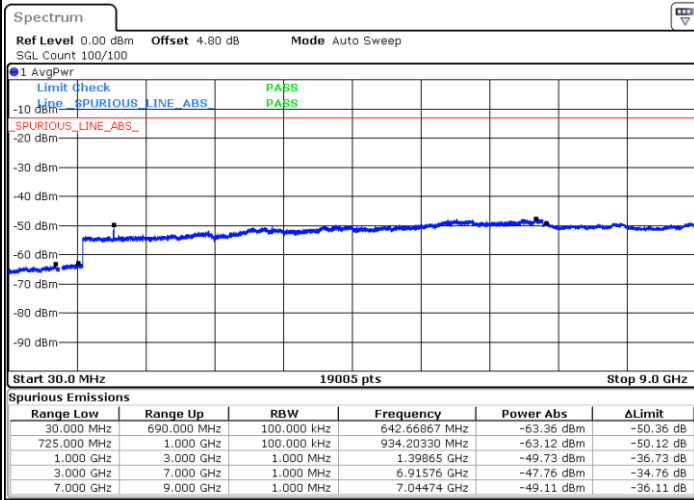




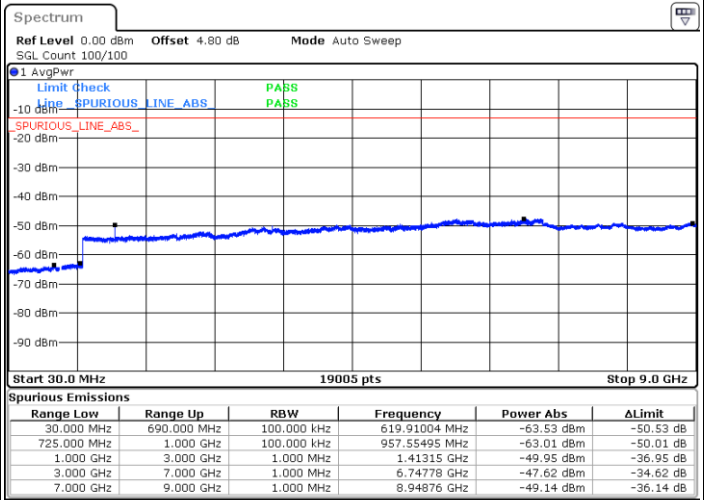
LTE Band 12 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

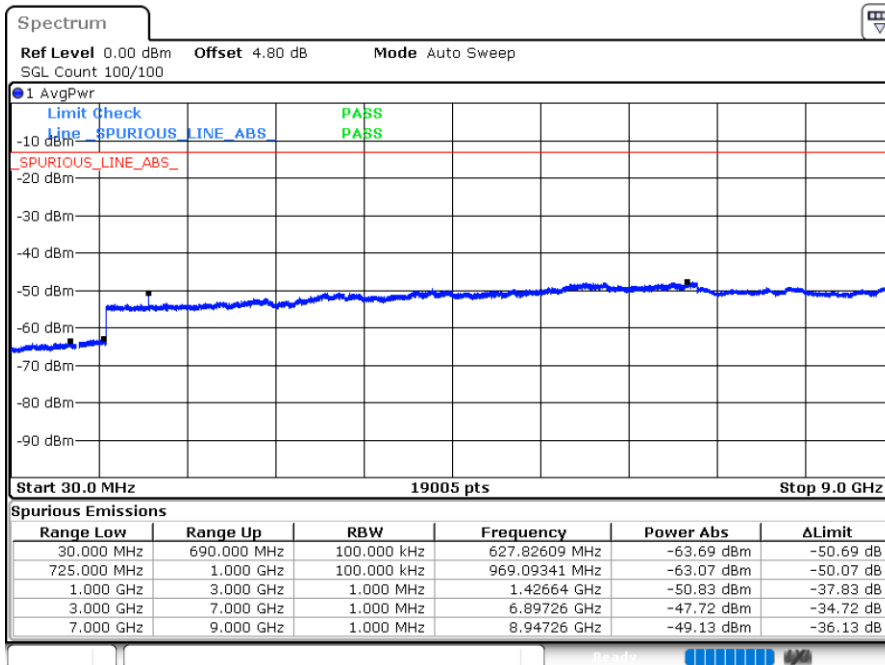


Date: 31.JAN.2022 22:03:42



Date: 31.JAN.2022 22:05:22

Highest Channel / QPSK



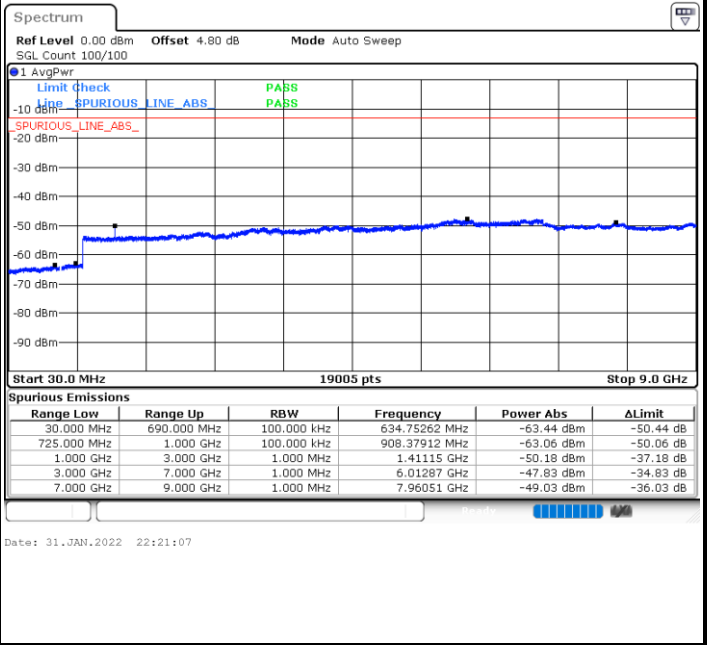
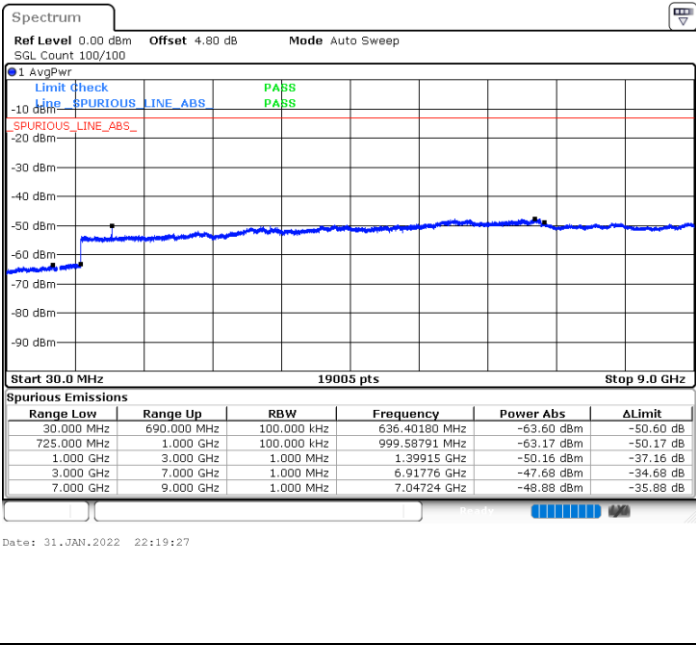
Date: 31.JAN.2022 22:12:23



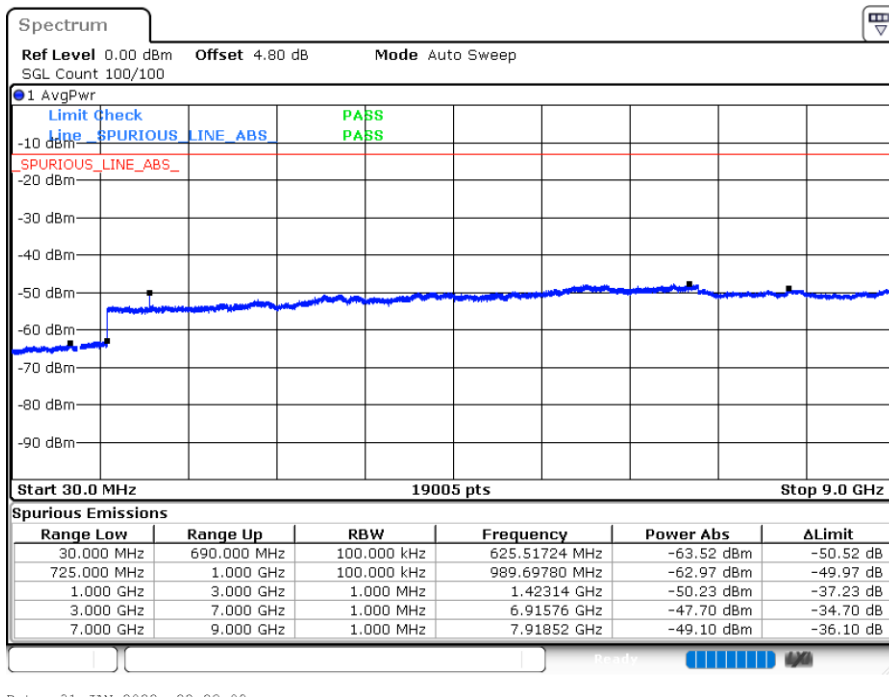
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

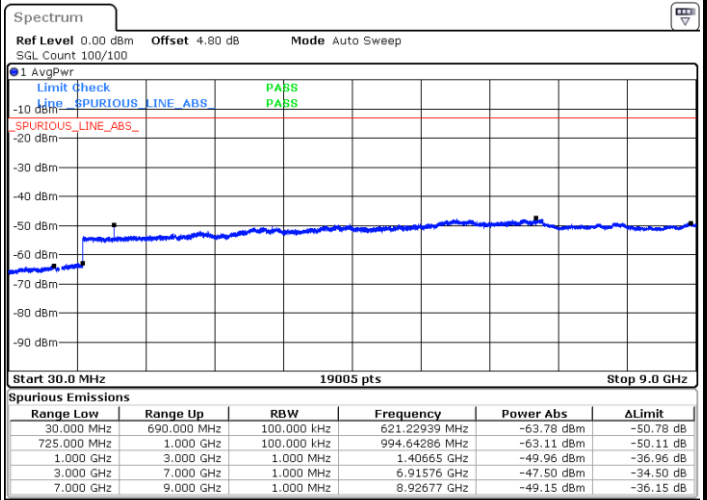
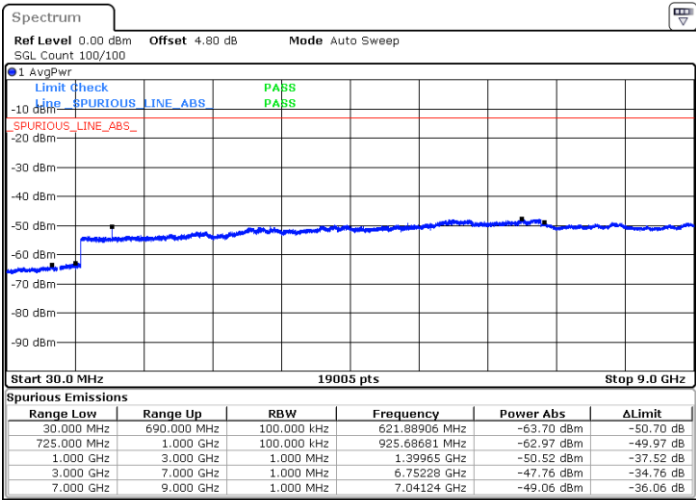




LTE Band 12 / 10MHz

Lowest Channel / QPSK

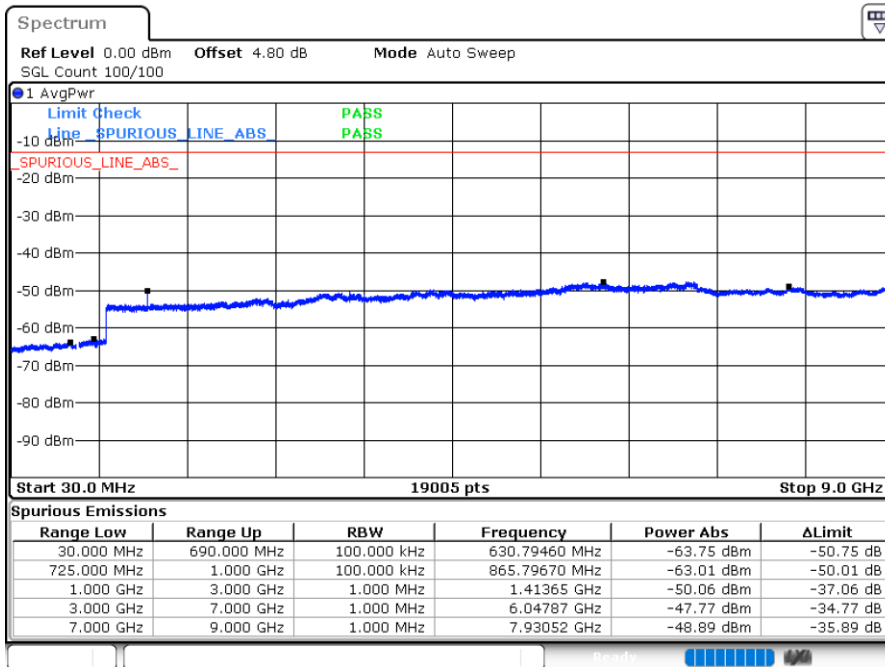
Middle Channel / QPSK



Date: 31.JAN.2022 22:35:12

Date: 31.JAN.2022 22:36:52

Highest Channel / QPSK



Date: 31.JAN.2022 22:45:19



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0021	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

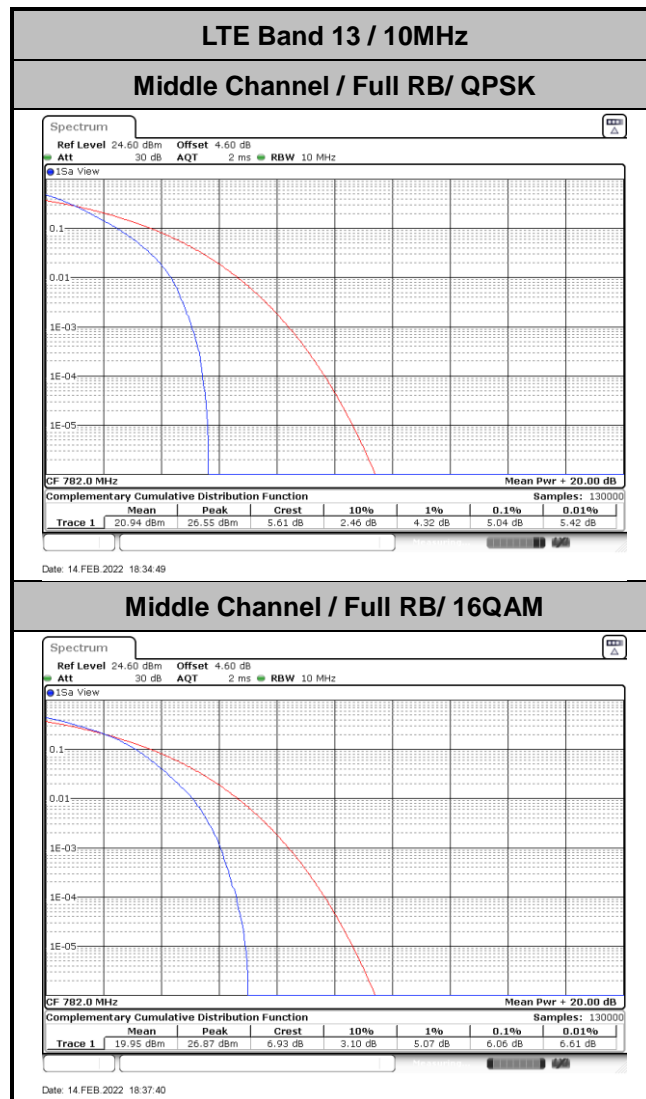


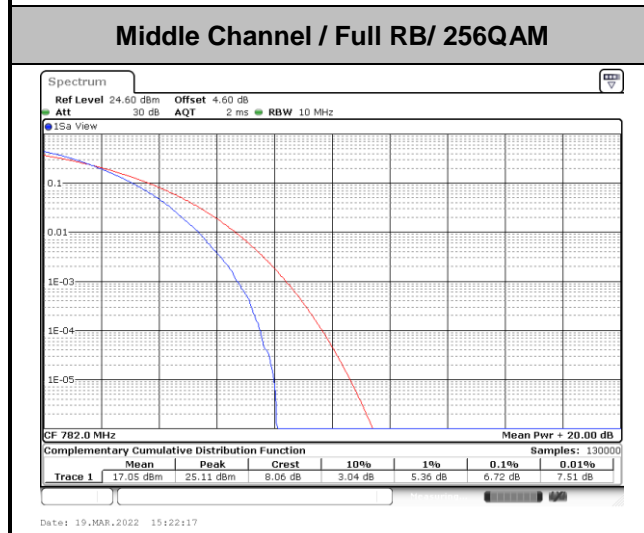
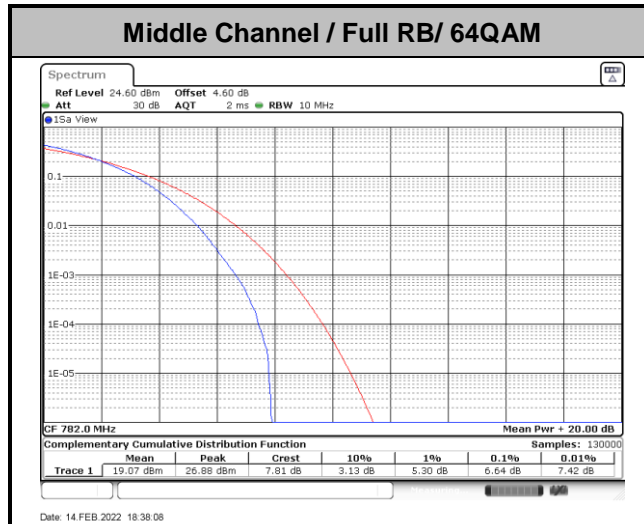


# LTE Band 13

## Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.04	6.06	6.64	6.72	PASS

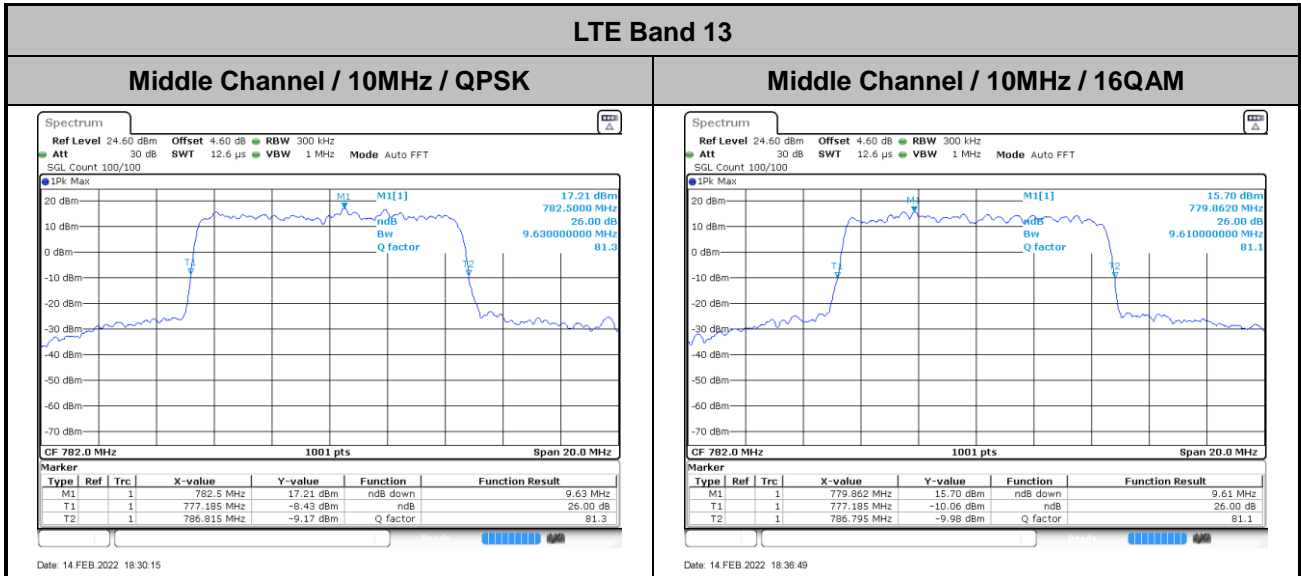






## 26dB Bandwidth

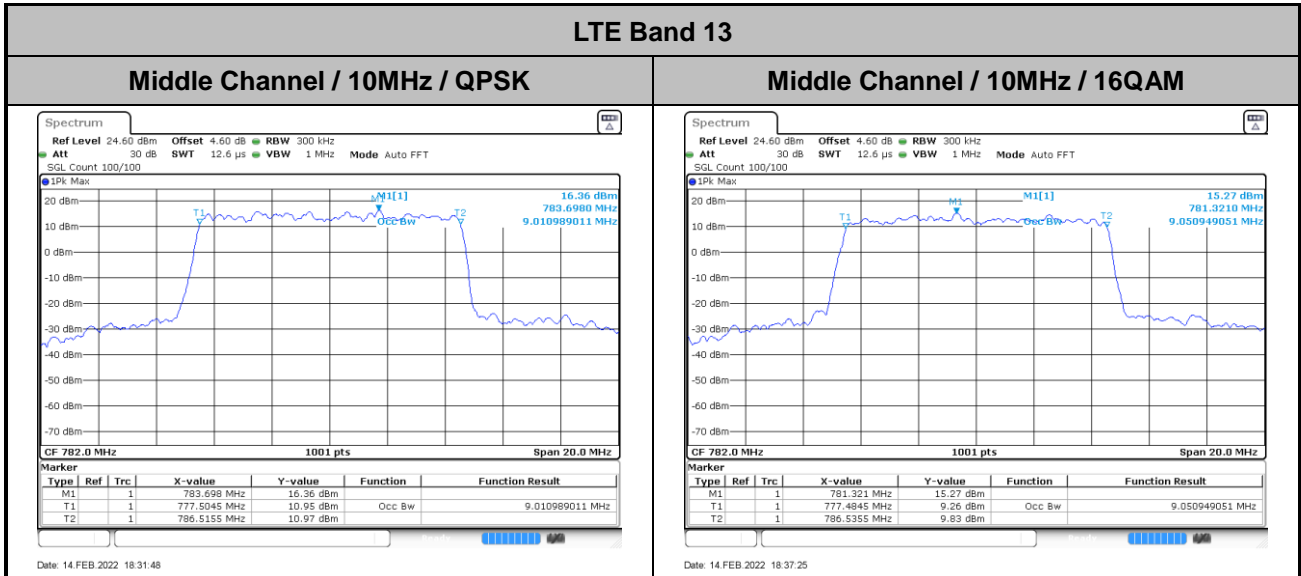
<b>Mode</b>	<b>LTE Band 13 : 26dB BW(MHz)</b>	
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.63	9.61





# Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.05

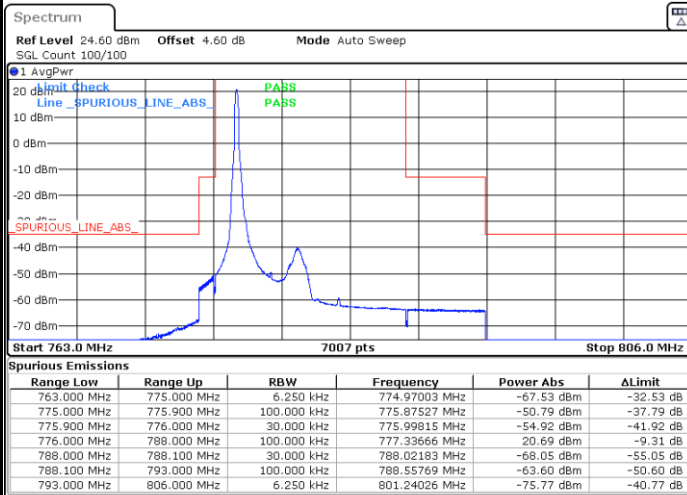




# Conducted Band Edge

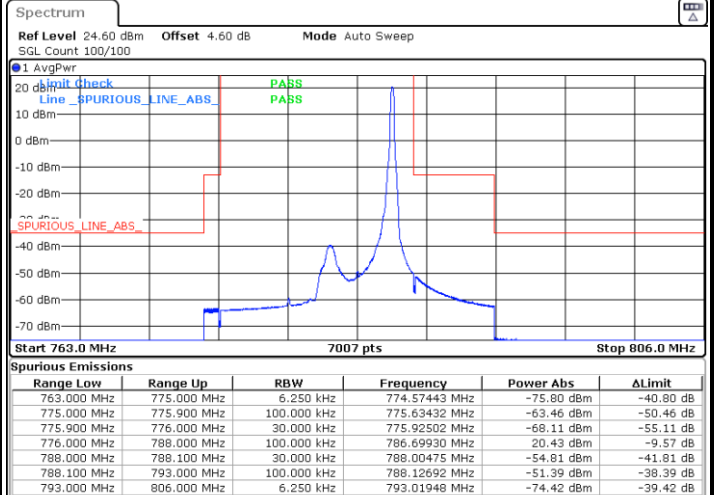
## LTE Band 13 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



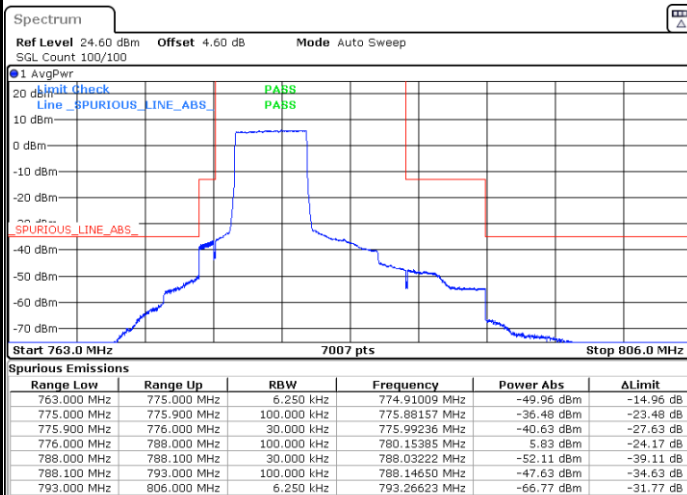
Date: 14.FEB.2022 17:22:44

### Highest Band Edge / 1 RB



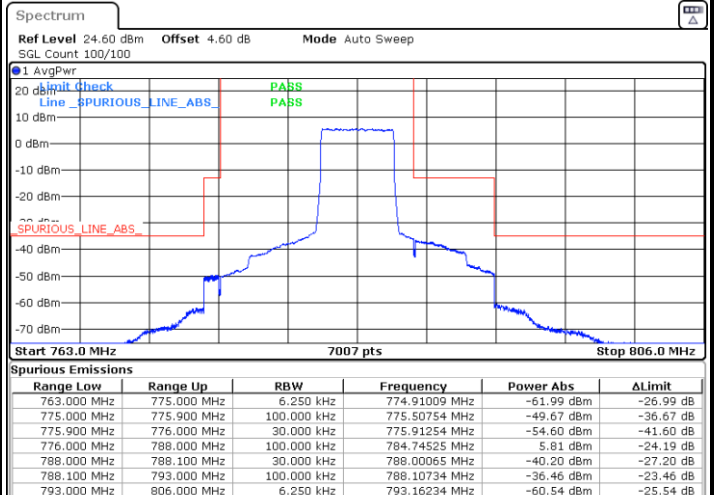
Date: 14.FEB.2022 17:47:12

### Lowest Band Edge / Full RB



Date: 14.FEB.2022 17:36:52

### Highest Band Edge / Full RB



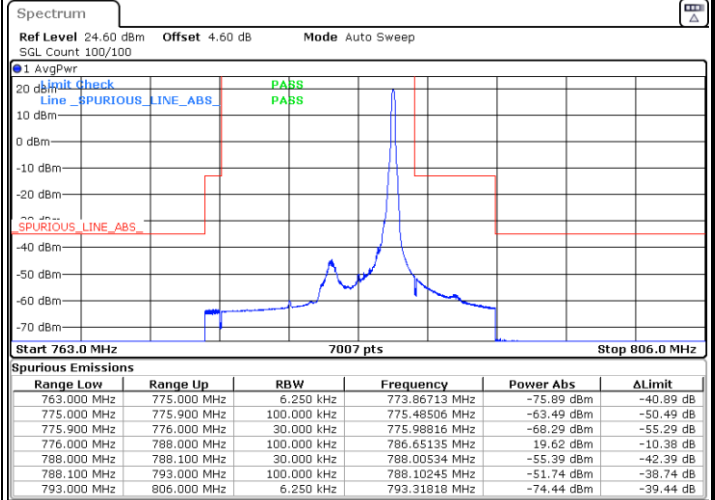
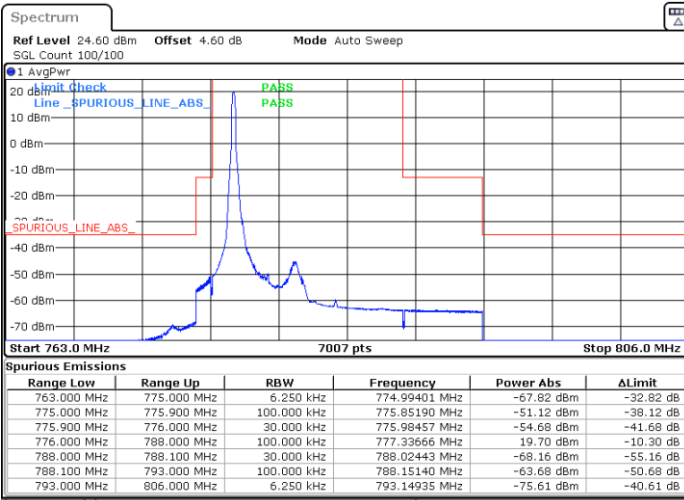
Date: 14.FEB.2022 18:04:10



LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

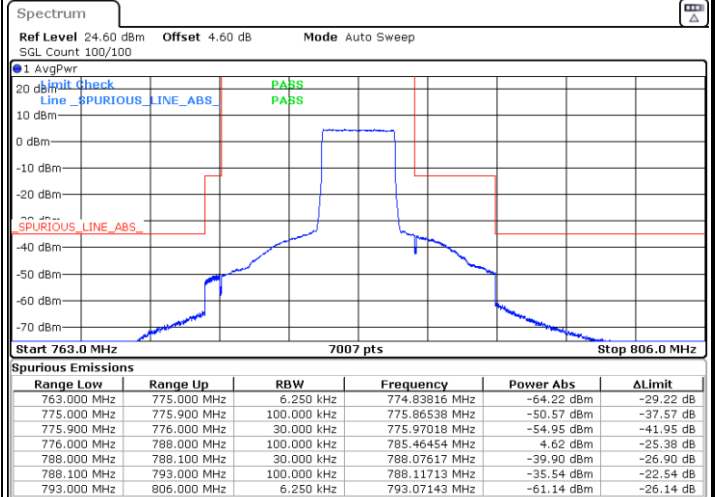
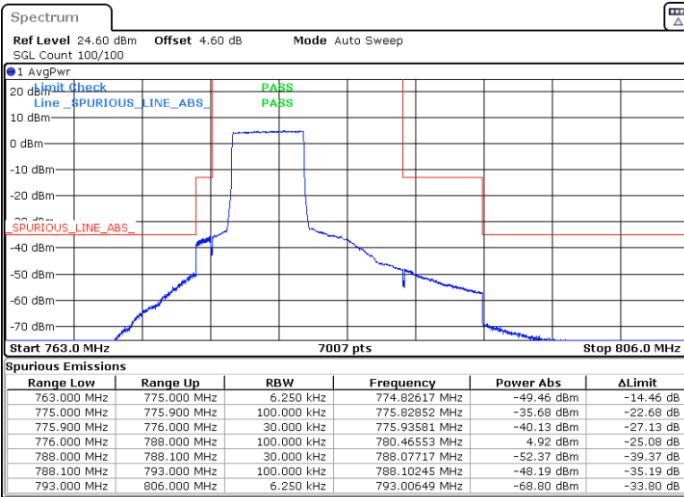


Date: 14.FEB.2022 17:24:39

Date: 14.FEB.2022 17:48:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



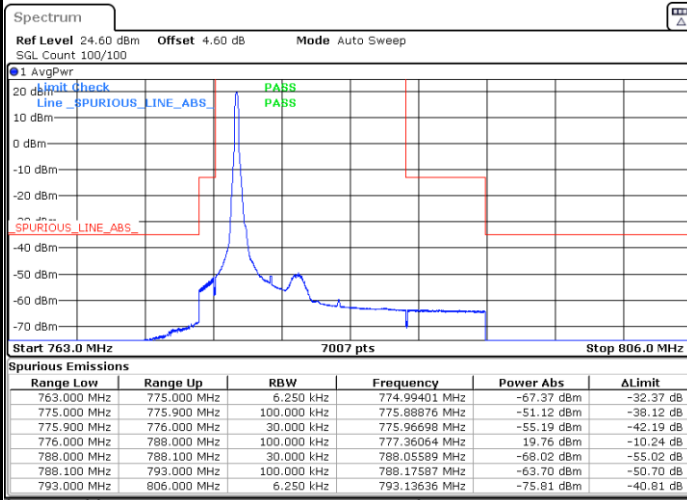
Date: 14.FEB.2022 17:33:54

Date: 14.FEB.2022 17:54:28



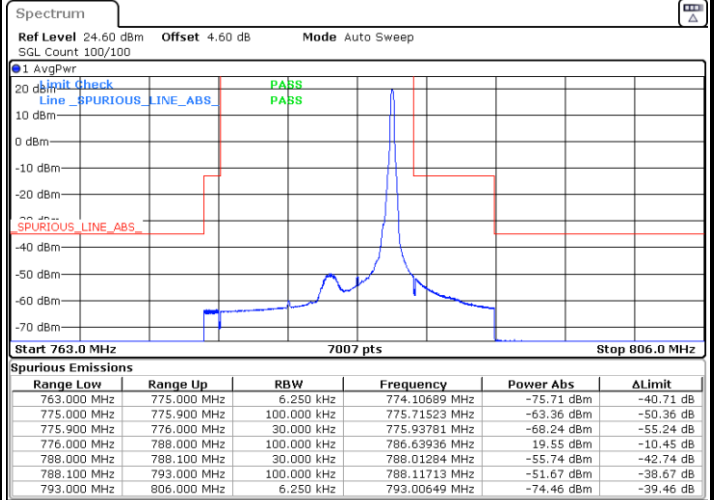
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1RB



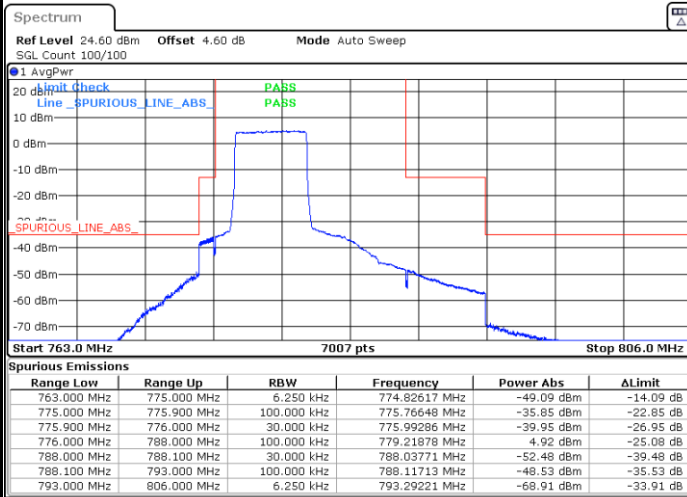
Date: 14.FEB.2022 17:26:00

Highest Band Edge / 1 RB



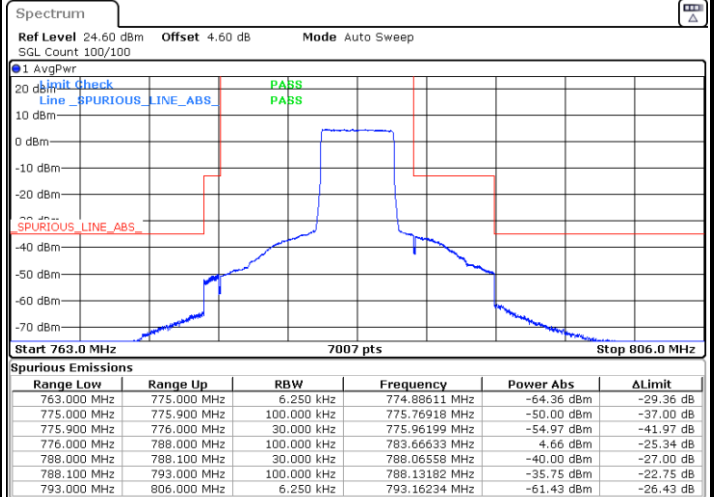
Date: 14.FEB.2022 17:50:31

Lowest Band Edge / Full RB



Date: 14.FEB.2022 17:32:23

Highest Band Edge / Full RB

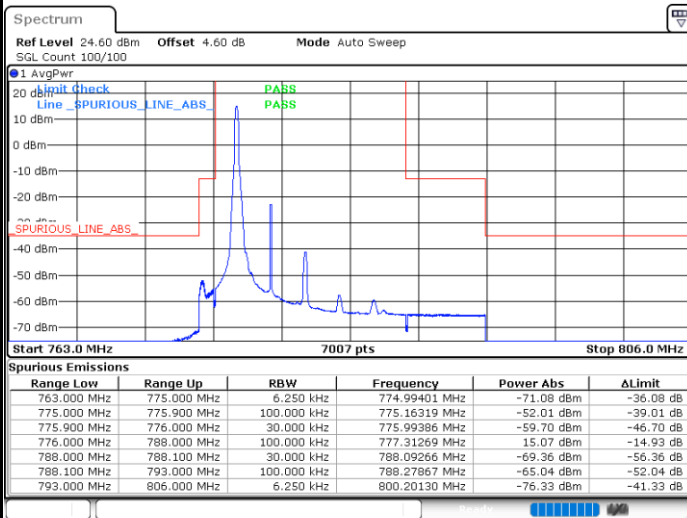


Date: 14.FEB.2022 17:51:55



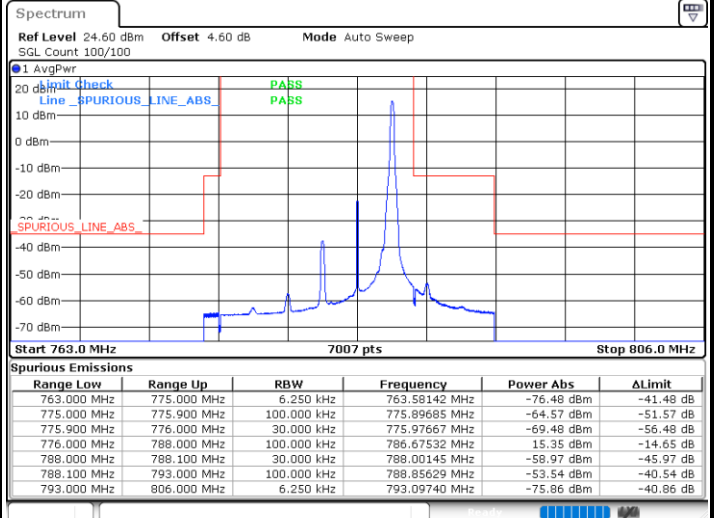
LTE Band 13 / 5MHz / 256QAM

Lowest Band Edge / 1RB



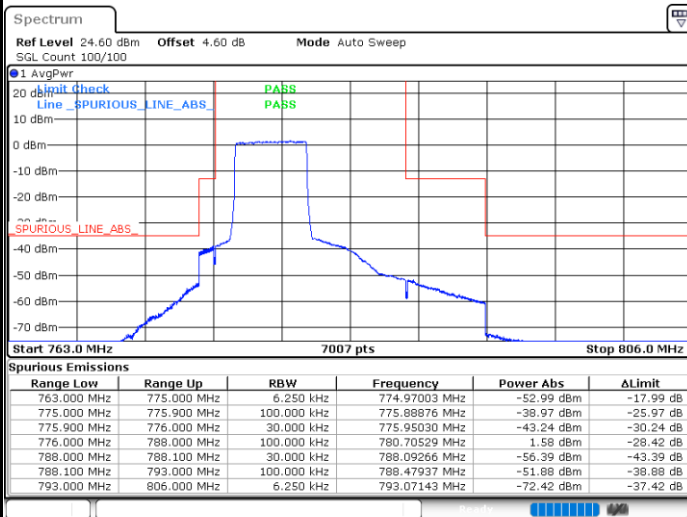
Date: 19.MAR.2022 15:10:14

Highest Band Edge / 1 RB



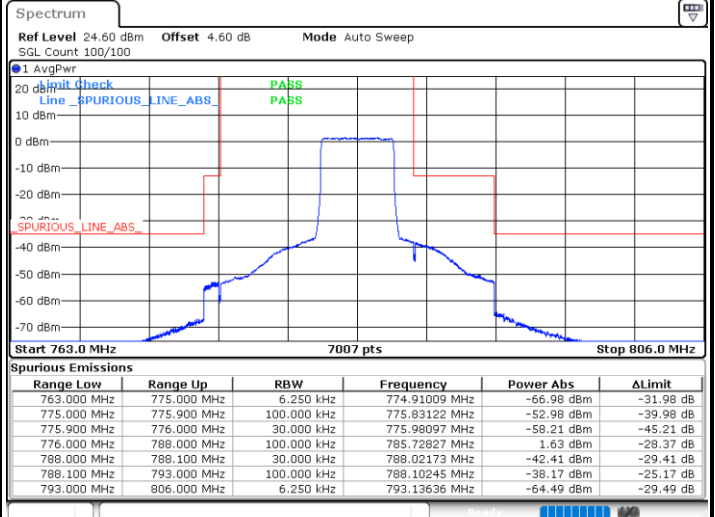
Date: 19.MAR.2022 15:13:17

Lowest Band Edge / Full RB



Date: 19.MAR.2022 15:11:35

Highest Band Edge / Full RB



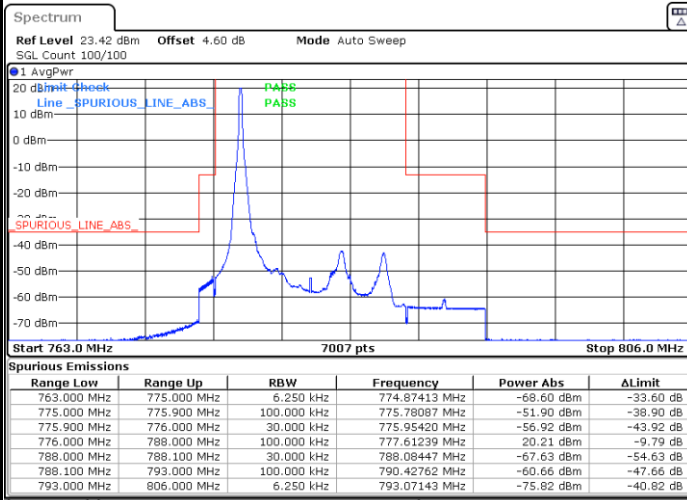
Date: 19.MAR.2022 15:14:45





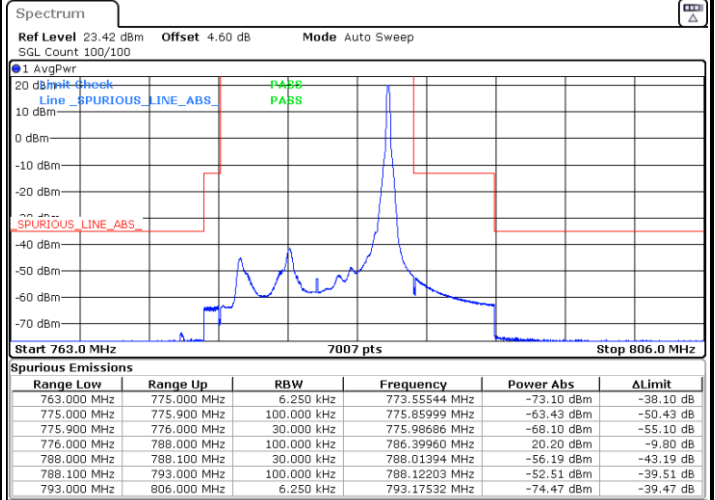
LTE Band 13 / 10MHz / QPSK

middle Band Edge / 1 RB



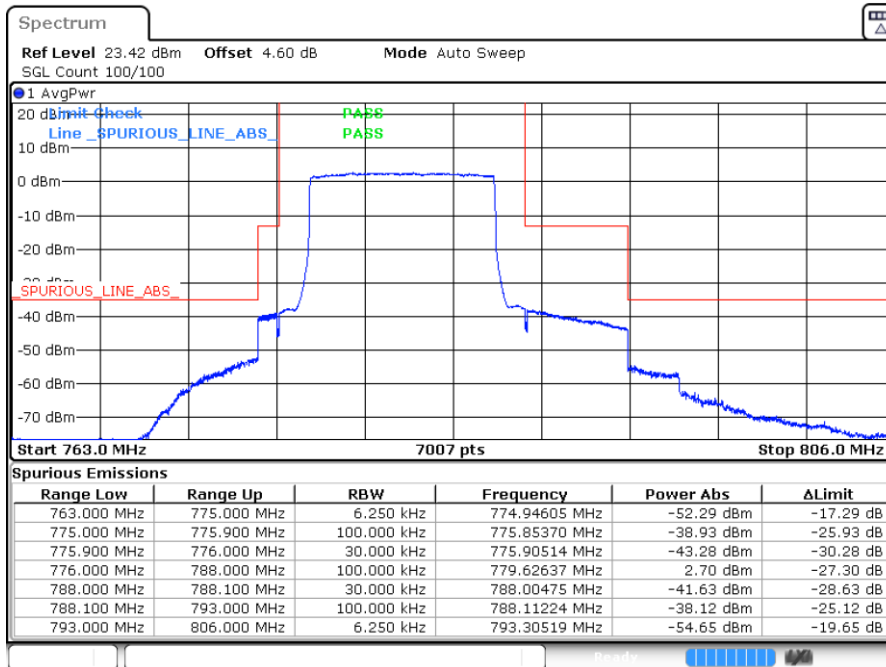
Date: 14.FEB.2022 18:08:17

middle Band Edge / 1 RB



Date: 14.FEB.2022 18:14:42

Middle Band Edge / Full RB

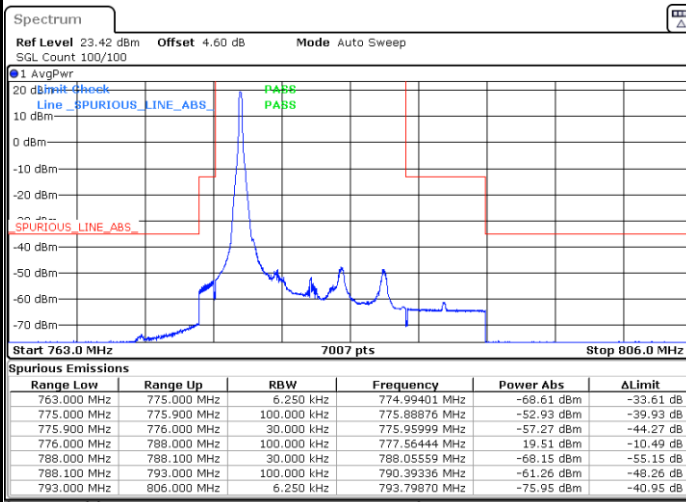


Date: 14.FEB.2022 18:18:20



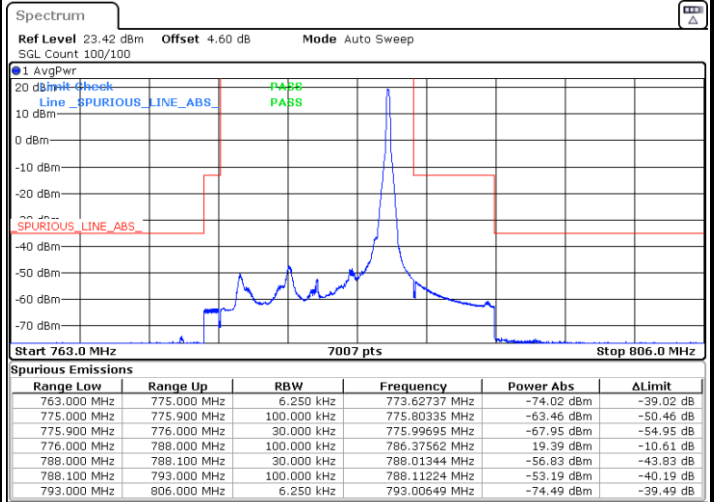
LTE Band 13 / 10MHz / 16QAM

middle Band Edge / 1 RB



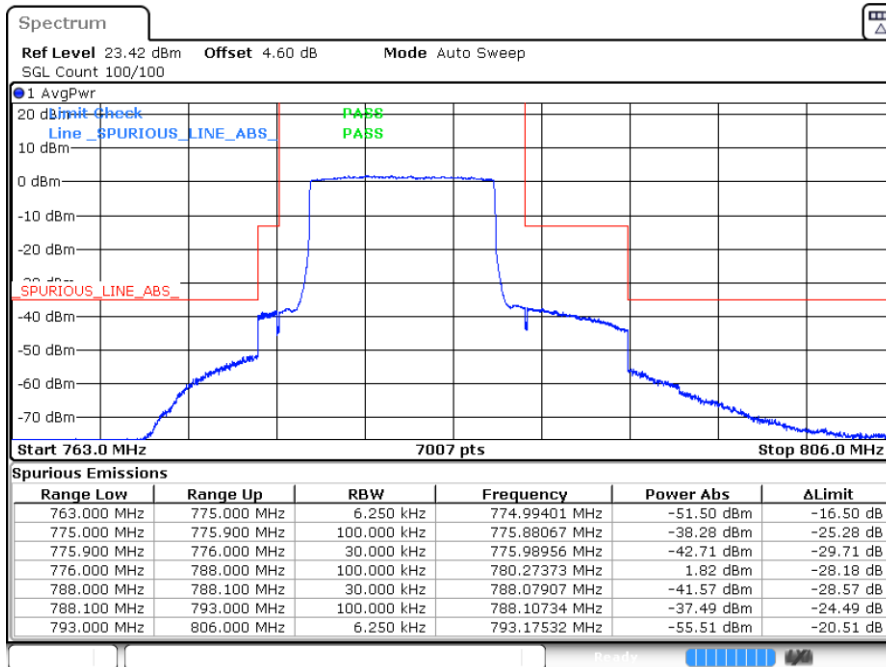
Date: 14.FEB.2022 18:09:38

middle Band Edge / 1 RB



Date: 14.FEB.2022 18:13:28

middle Band Edge / Full RB

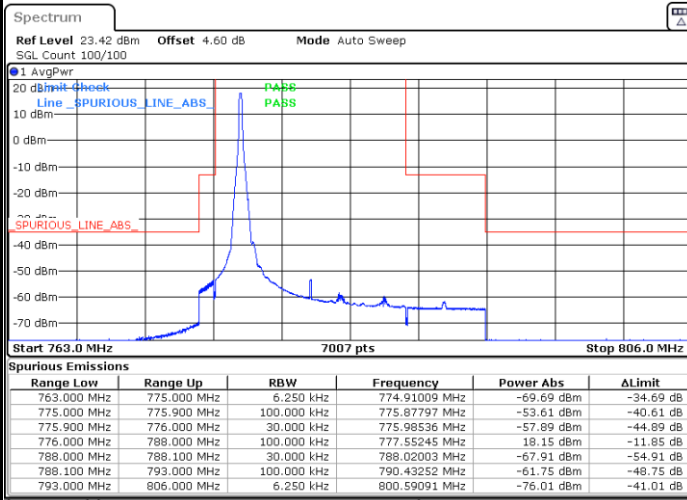


Date: 14.FEB.2022 18:20:48



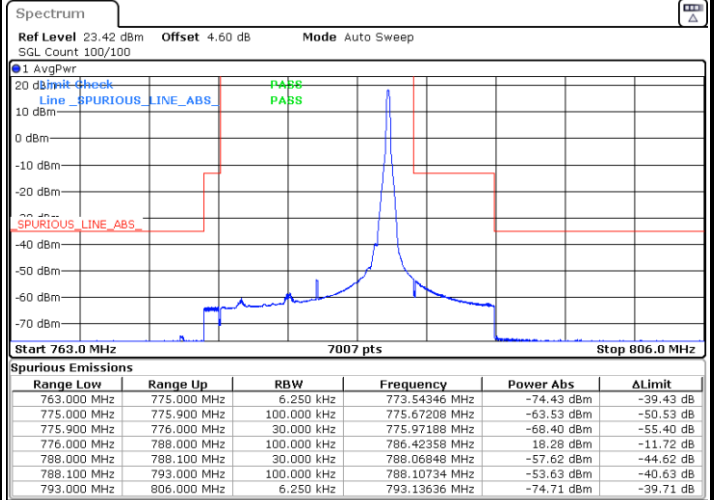
LTE Band 13 / 10MHz / 64QAM

middle Band Edge / 1 RB



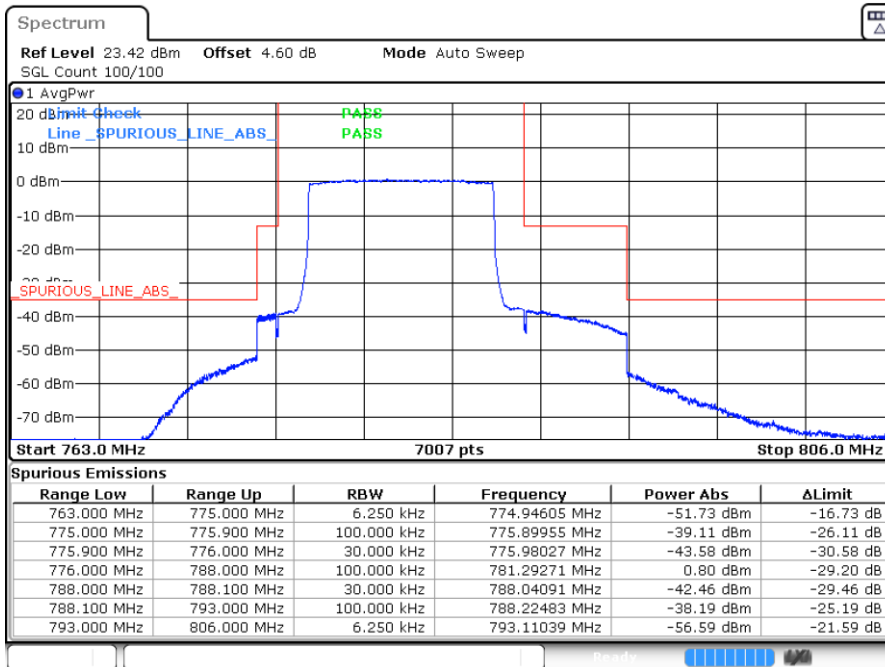
Date: 14.FEB.2022 18:11:00

middle Band Edge / 1 RB



Date: 14.FEB.2022 18:12:13

middle Band Edge / Full RB



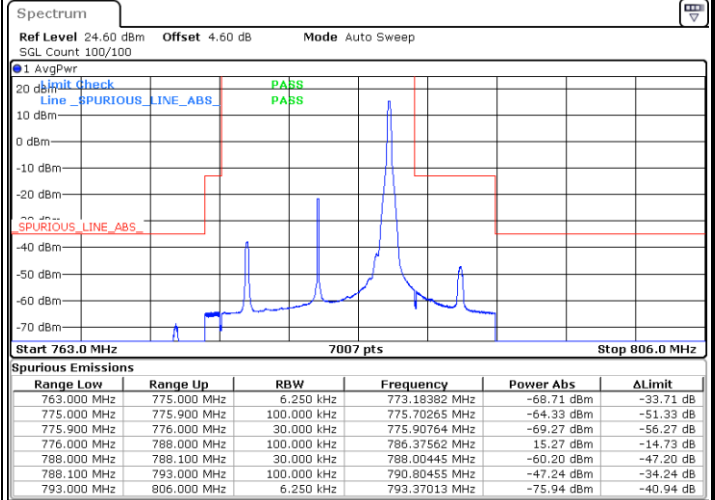
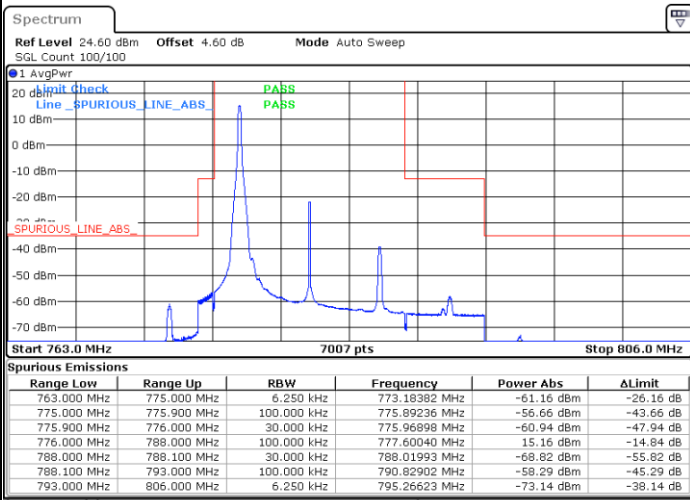
Date: 14.FEB.2022 18:28:54



LTE Band 13 / 10MHz / 256QAM

Lowest Band Edge / 1RB

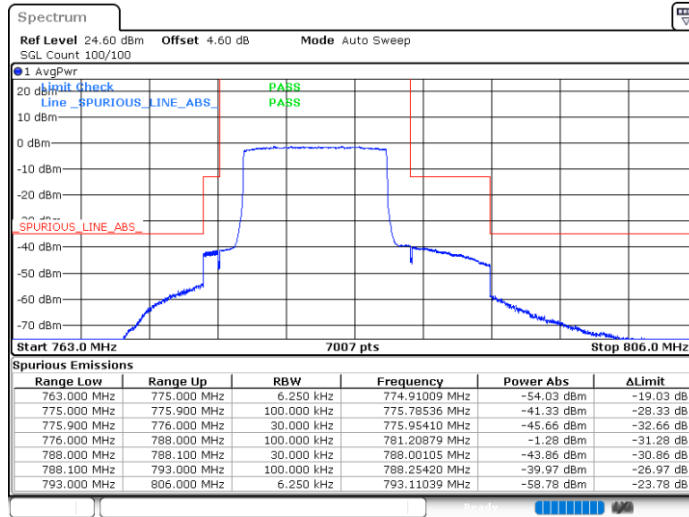
Highest Band Edge / 1 RB



Date: 19.MAR.2022 15:19:07

Date: 19.MAR.2022 15:20:26

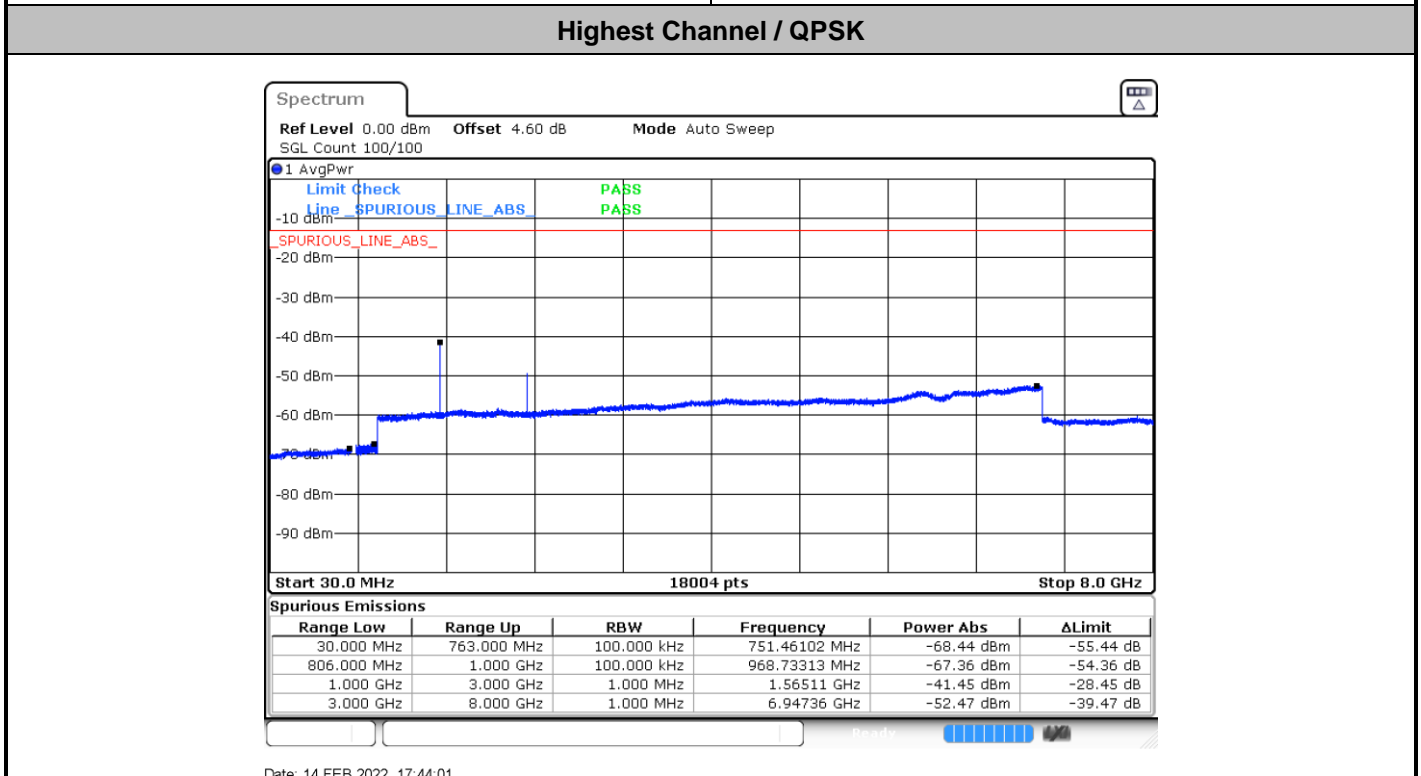
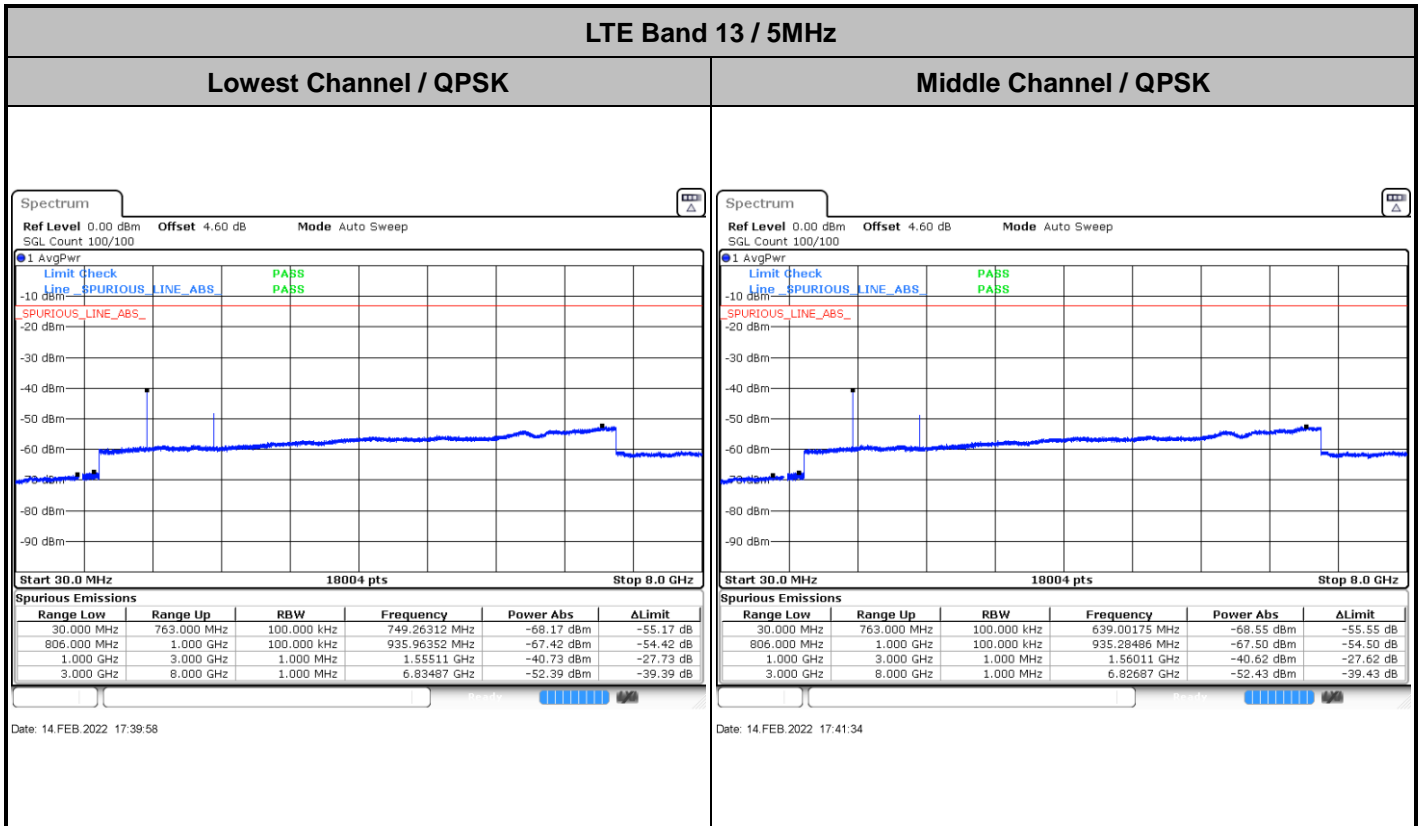
middle Band Edge / Full RB



Date: 19.MAR.2022 15:21:46



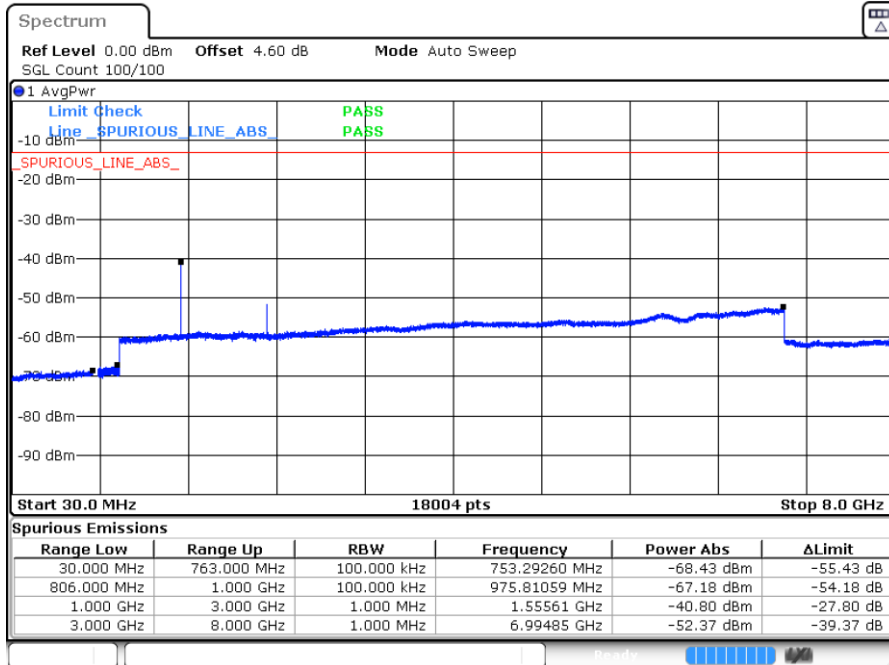
# Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 14 FEB 2022 18:07:04



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0022	

Note:

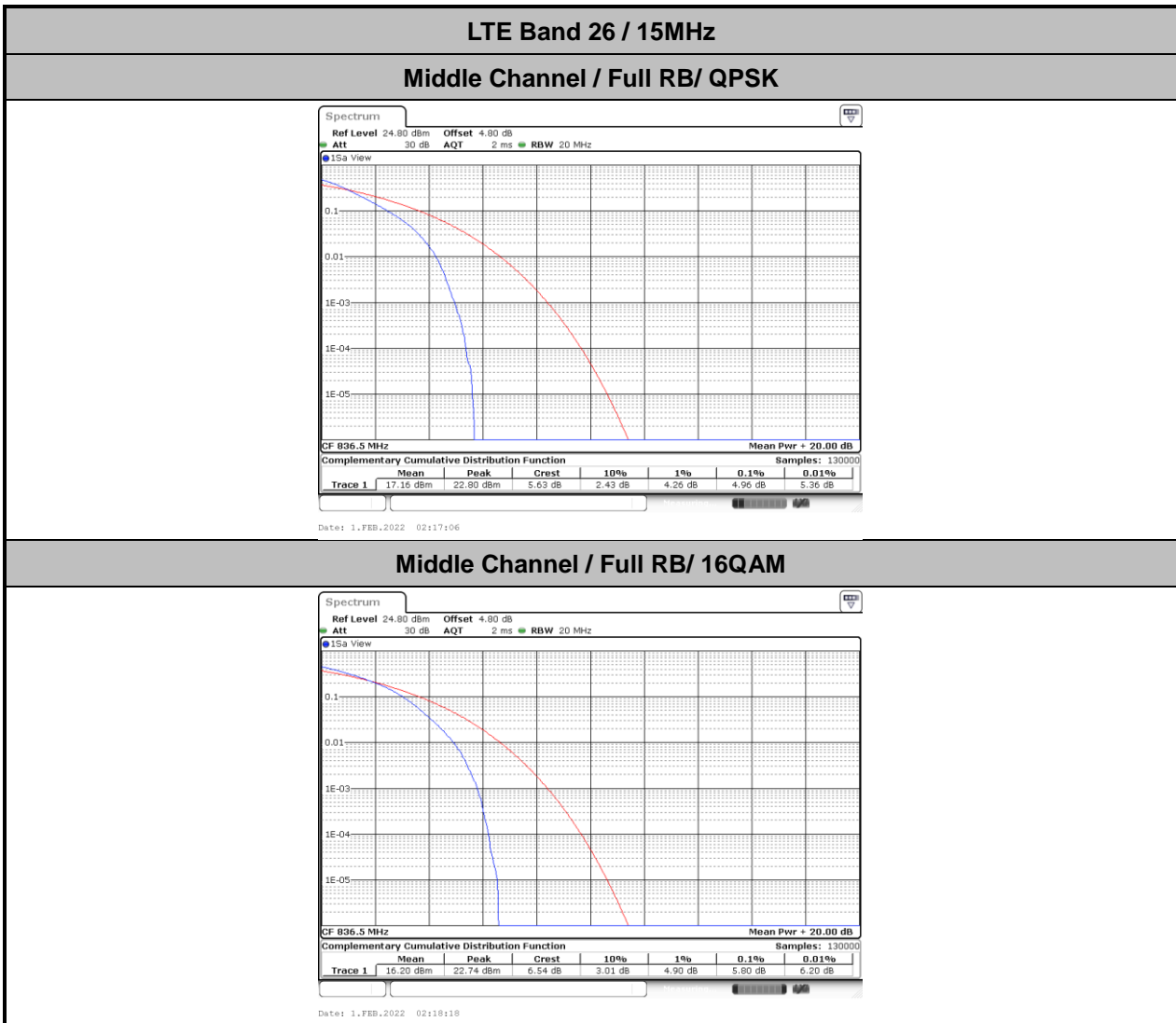
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 26\_Part 22H

## Peak-to-Average Ratio

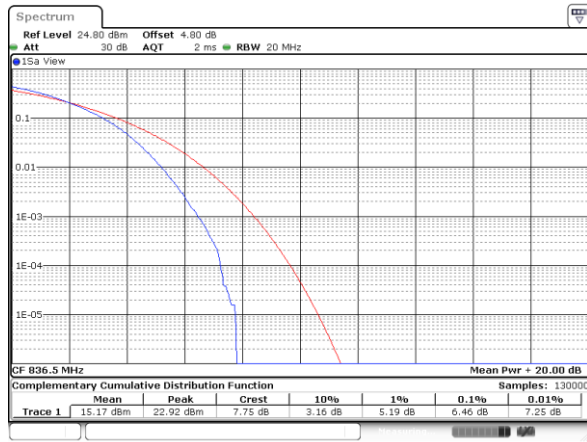
Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.8	6.46	6.72	PASS





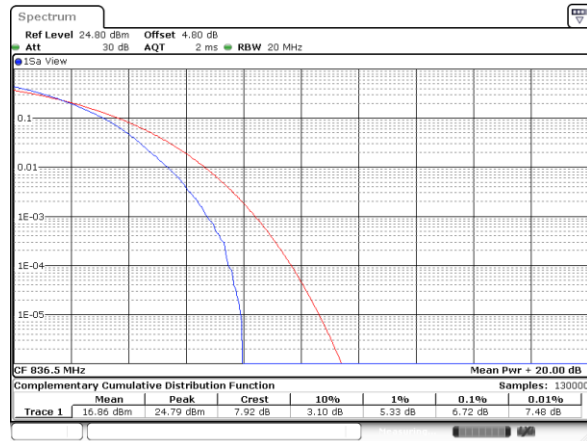


Middle Channel / Full RB/ 64QAM



Date: 1.FEB.2022 02:19:28

Middle Channel / Full RB/ 256QAM

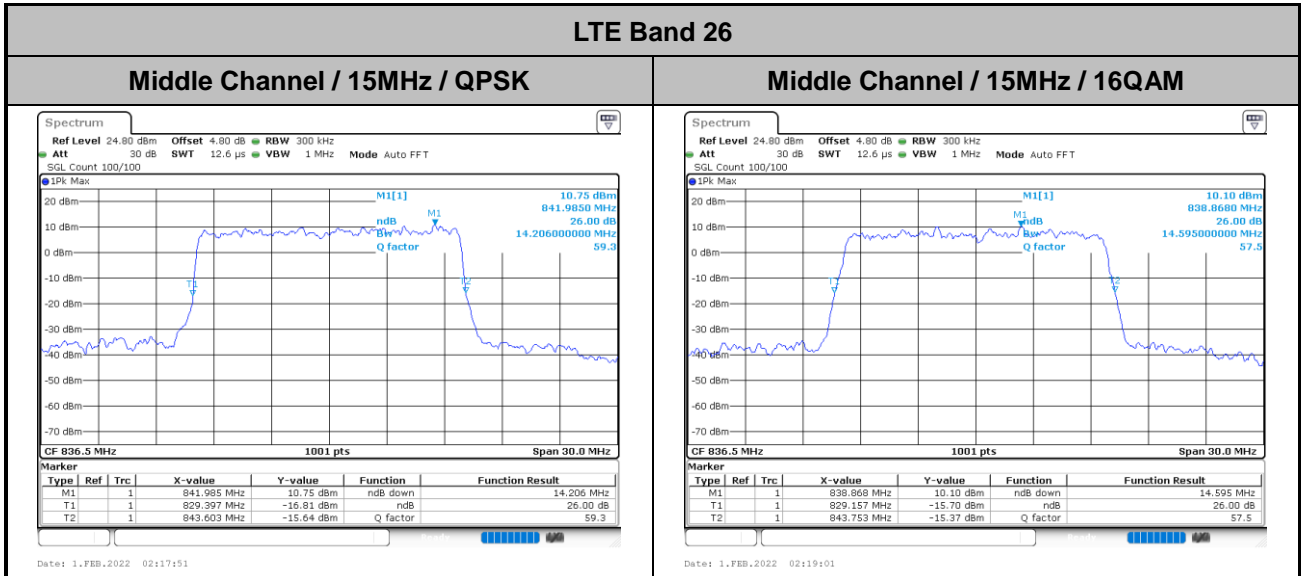


Date: 19.MAR.2022 16:05:06



## 26dB Bandwidth

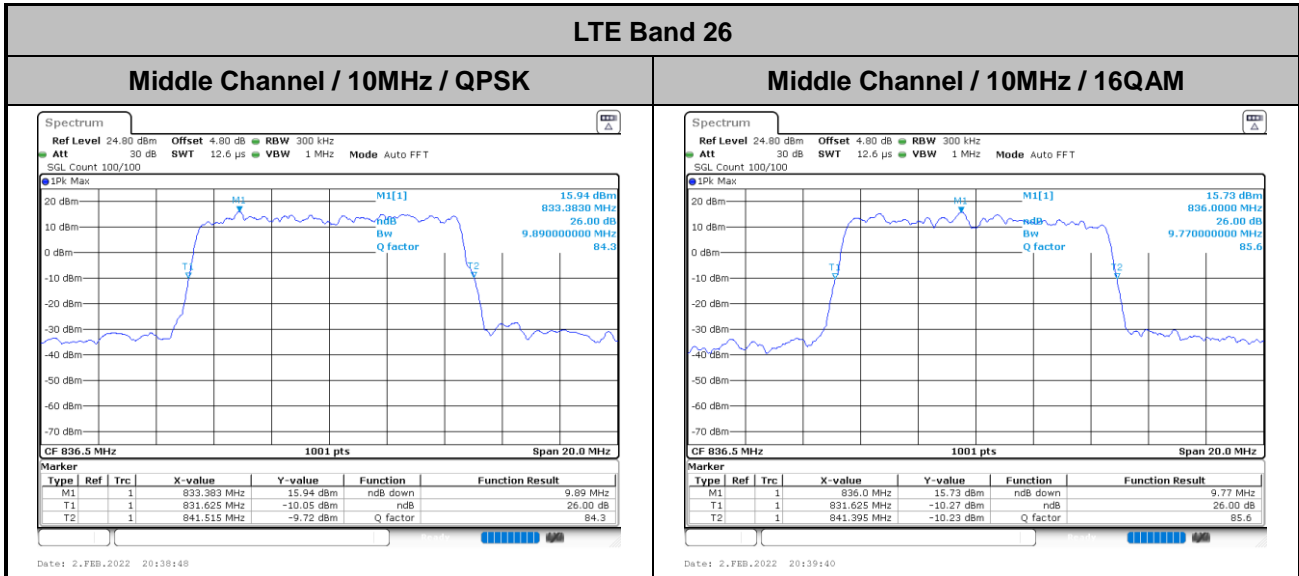
<b>Mode</b>	<b>LTE Band 26 : 26dB BW(MHz)</b>	
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.21	14.60





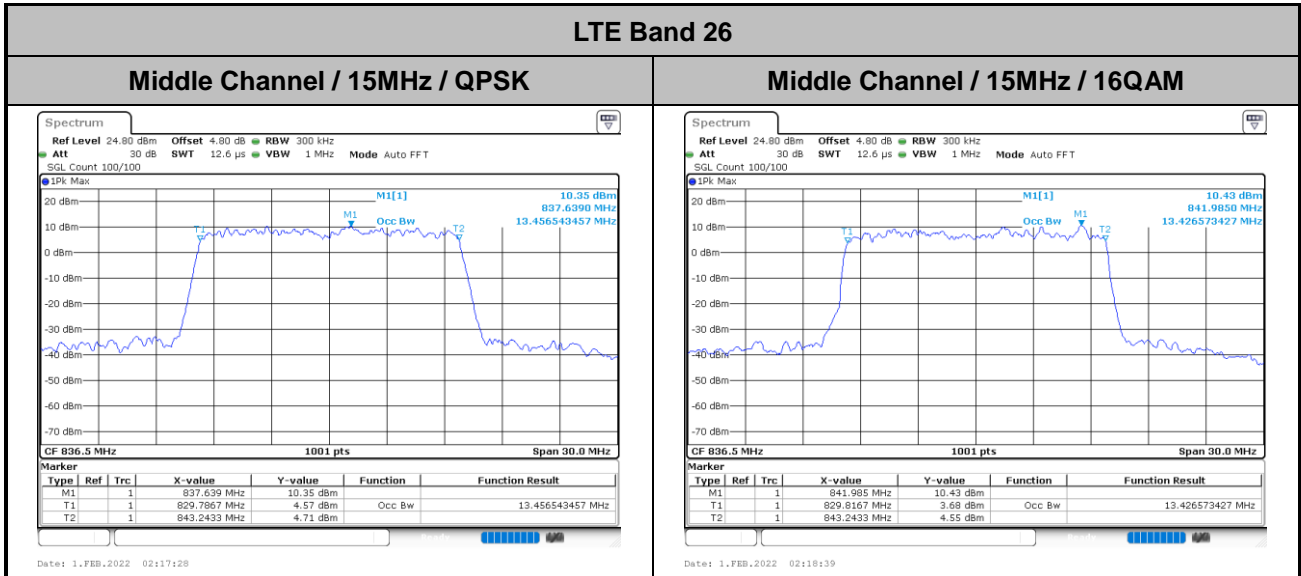
**26dB Bandwidth**

Mode	LTE Band 26 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.89	9.77





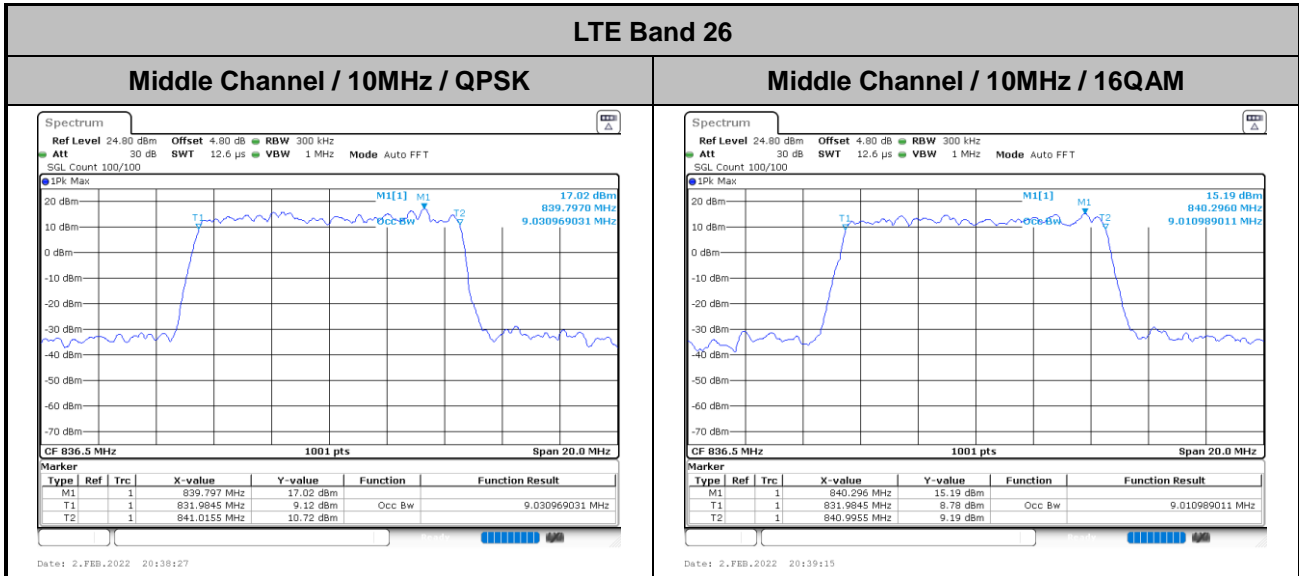
<b>Mode</b>	<b>LTE Band 26 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	<b>13.46</b>	<b>13.43</b>





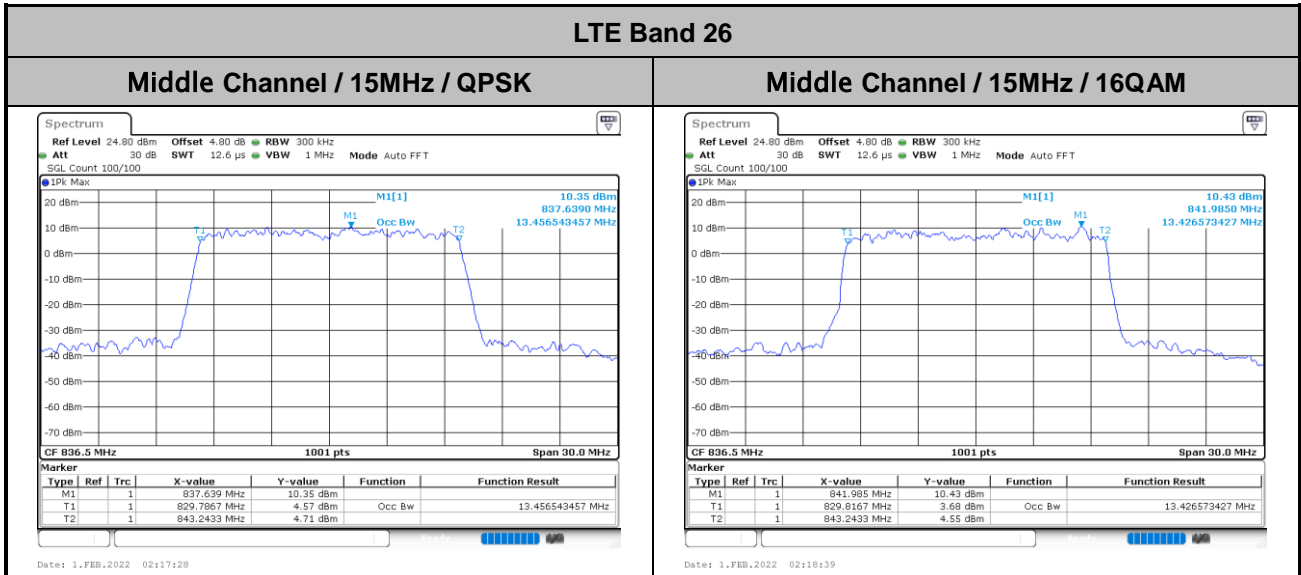
# Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	9.01



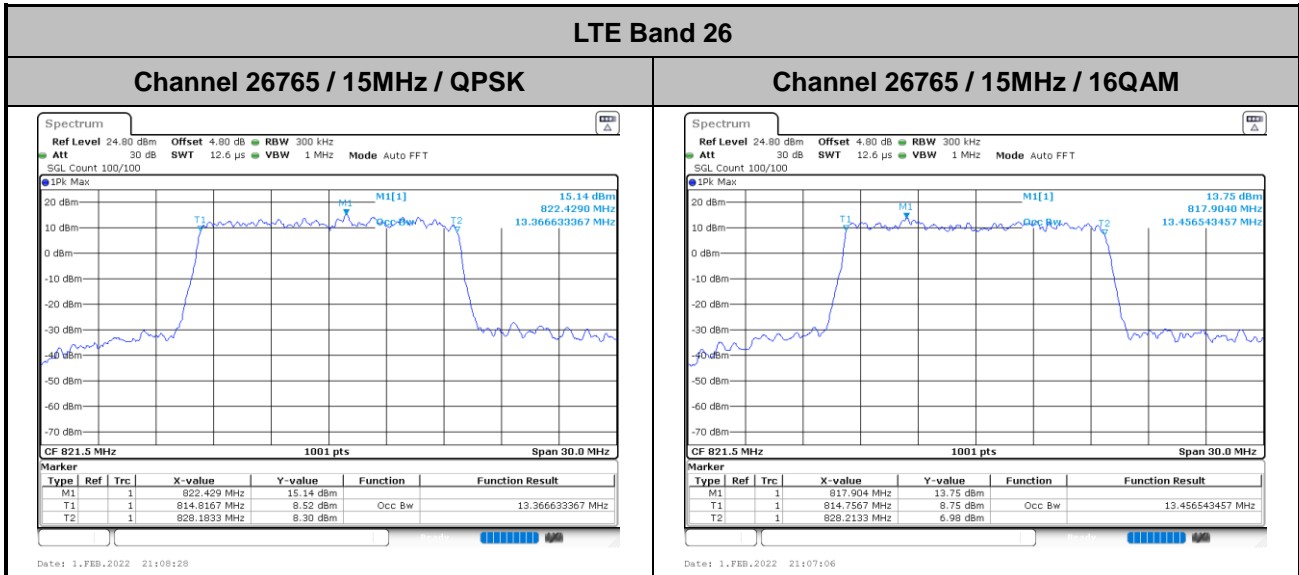


Mode	LTE Band 26 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.43



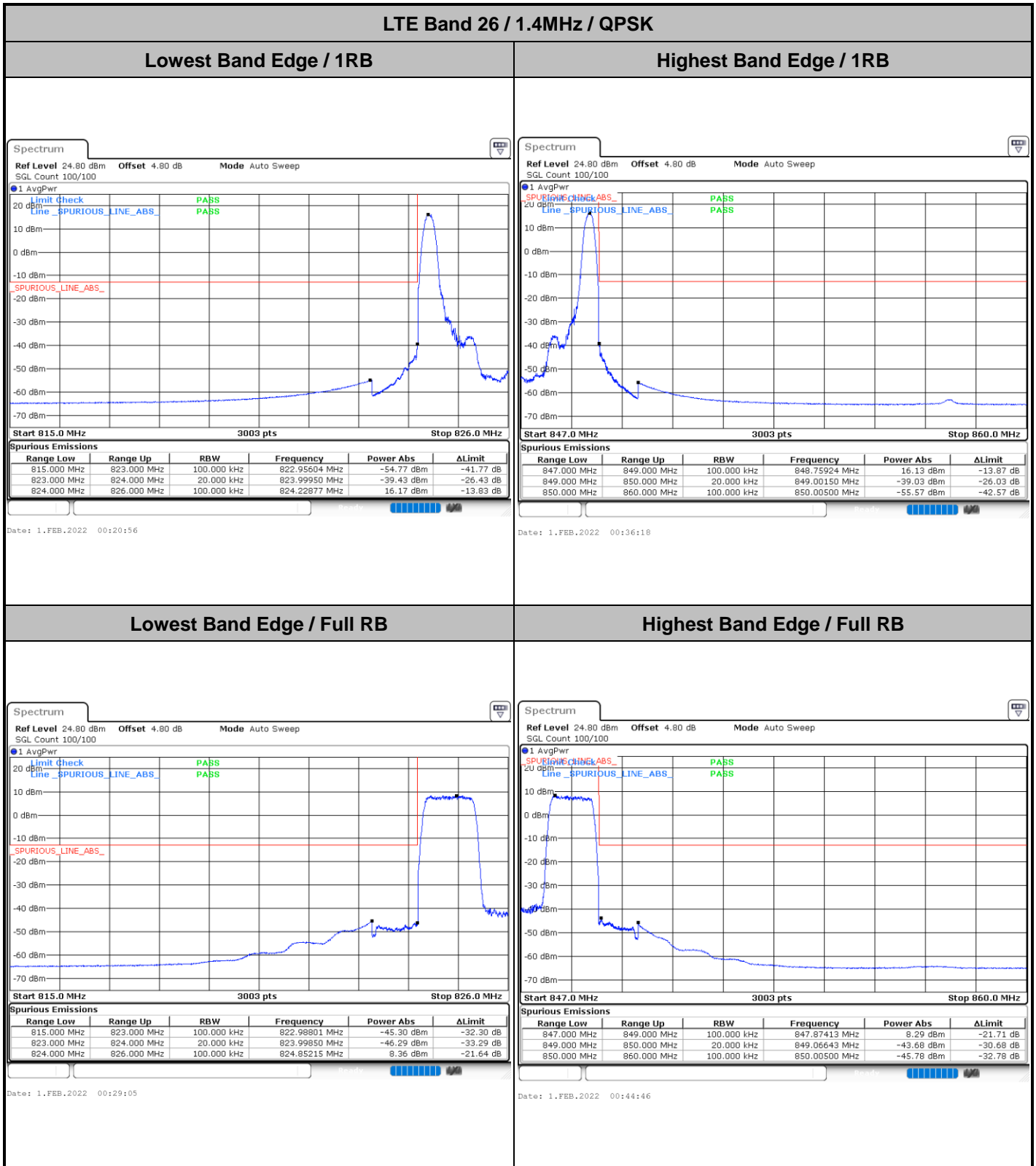


Mode	LTE Band 26 : 99%OBW(MHz)	
BW	Channel 26765 / 15MHz	
Mod.	QPSK	16QAM
CH26765	13.37	13.46





# Conducted Band Edge

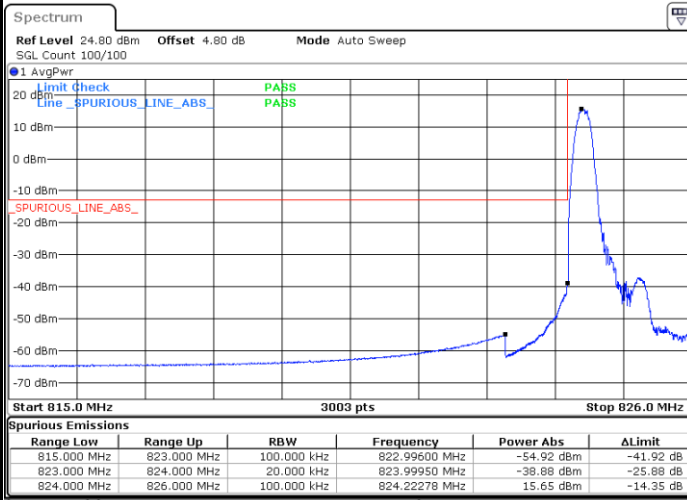






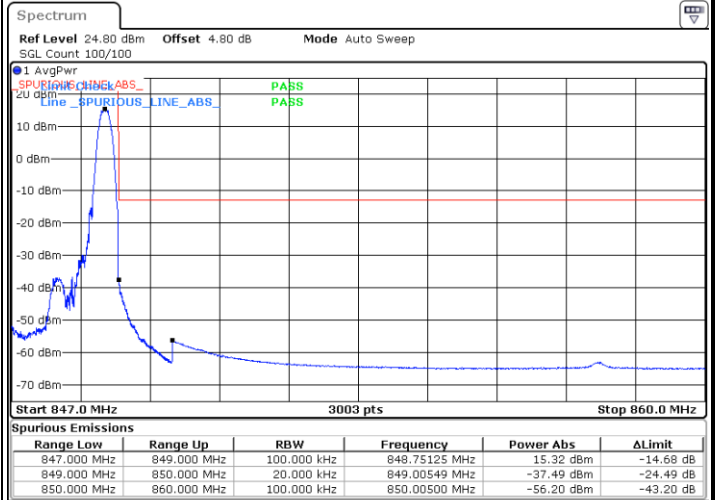
LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



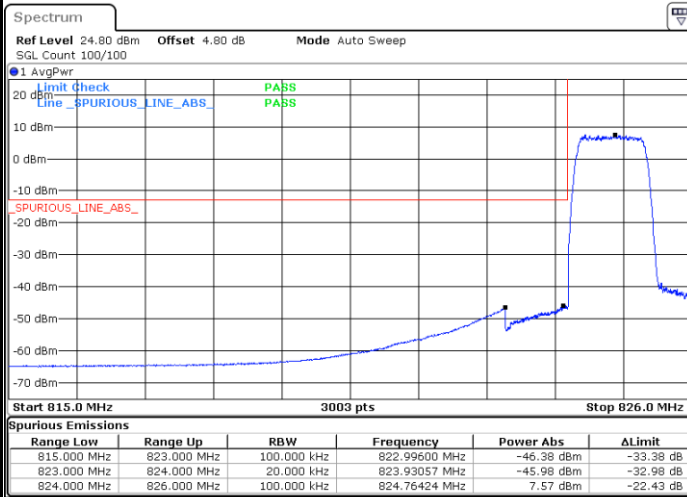
Date: 1.FEB.2022 00:22:29

Highest Band Edge / 1 RB



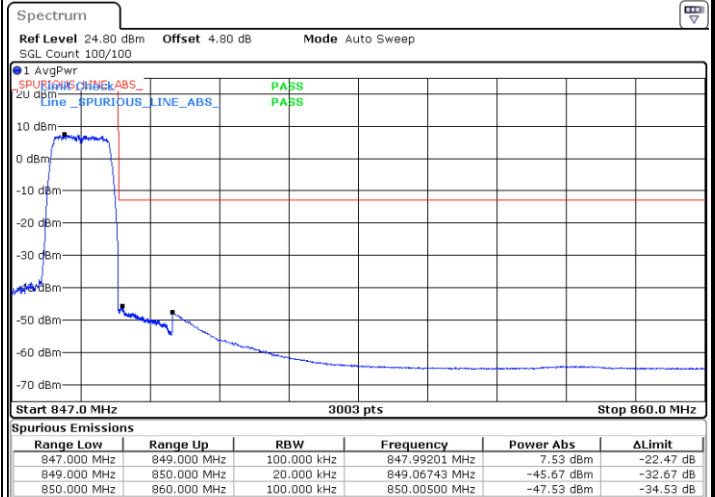
Date: 1.FEB.2022 00:37:58

Lowest Band Edge / Full RB



Date: 1.FEB.2022 00:27:29

Highest Band Edge / Full RB

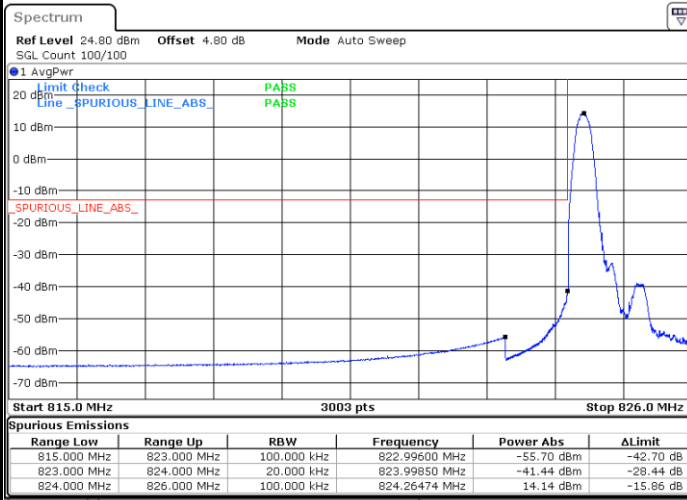


Date: 1.FEB.2022 00:43:02



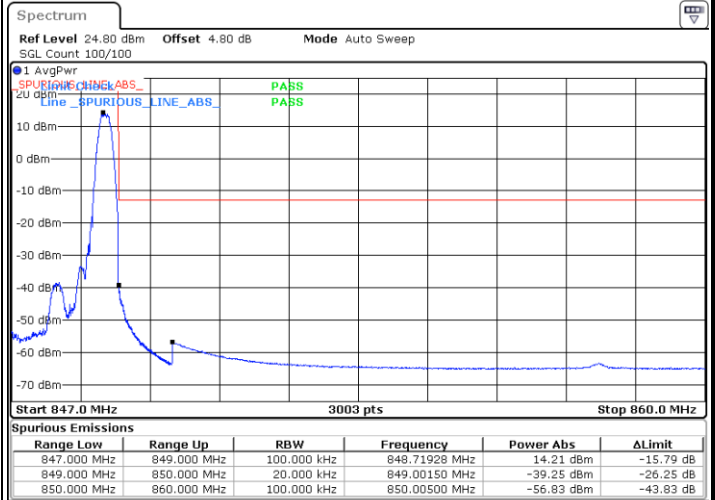
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



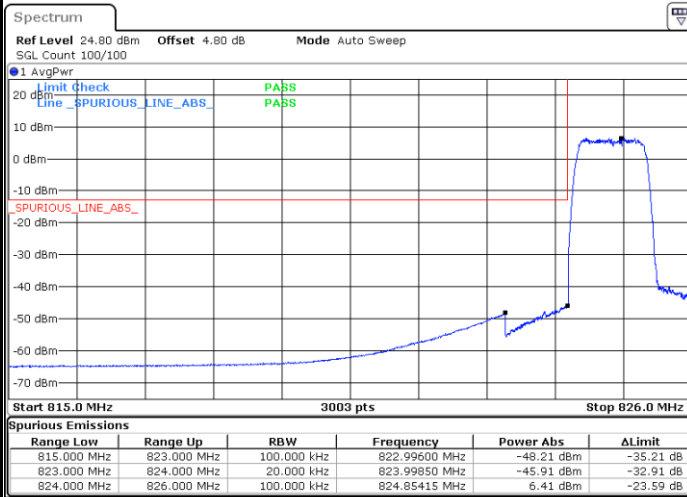
Date: 1.FEB.2022 00:24:03

Highest Band Edge / 1 RB



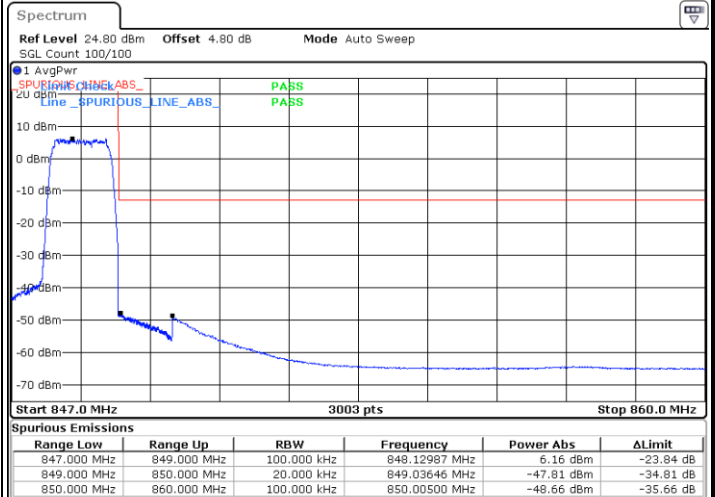
Date: 1.FEB.2022 00:39:38

Lowest Band Edge / Full RB



Date: 1.FEB.2022 00:25:50

Highest Band Edge / Full RB

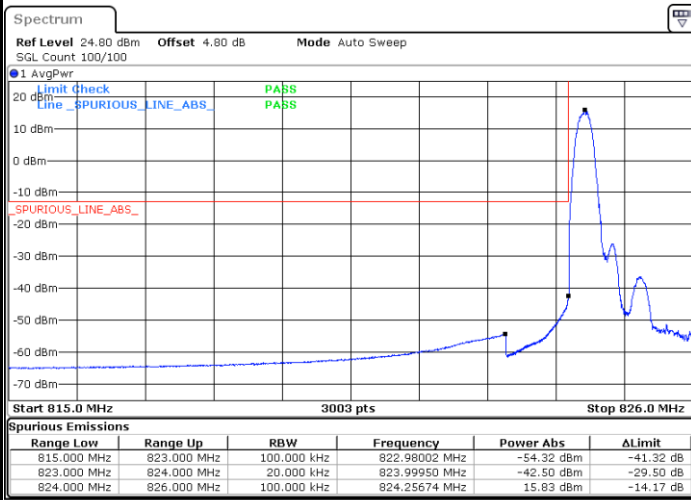


Date: 1.FEB.2022 00:41:22



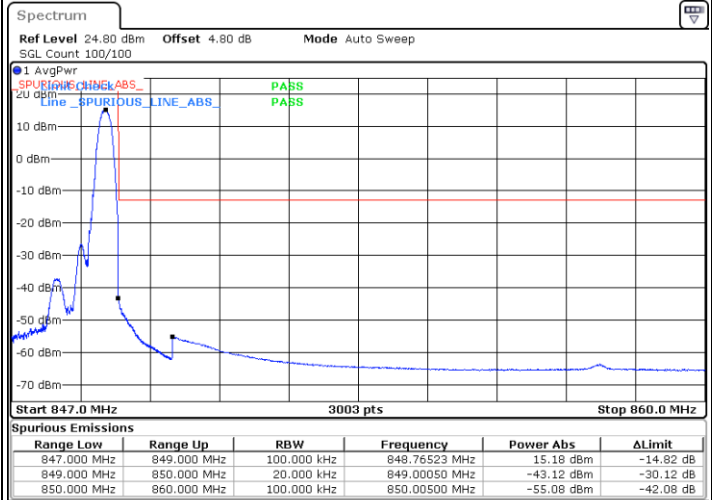
LTE Band 26 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



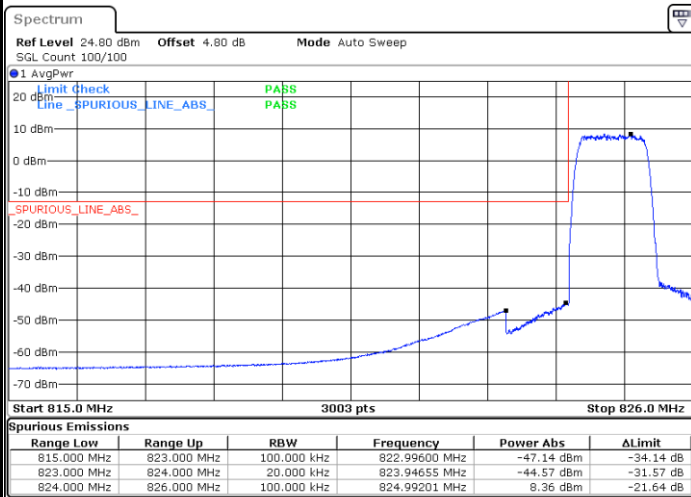
Date: 19.MAR.2022 15:25:19

Highest Band Edge / 1 RB



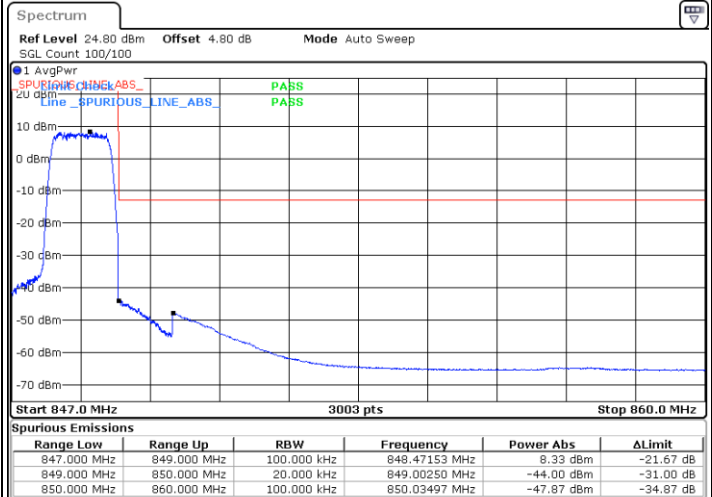
Date: 19.MAR.2022 15:28:57

Lowest Band Edge / Full RB



Date: 19.MAR.2022 15:26:53

Highest Band Edge / Full RB



Date: 19.MAR.2022 15:30:38