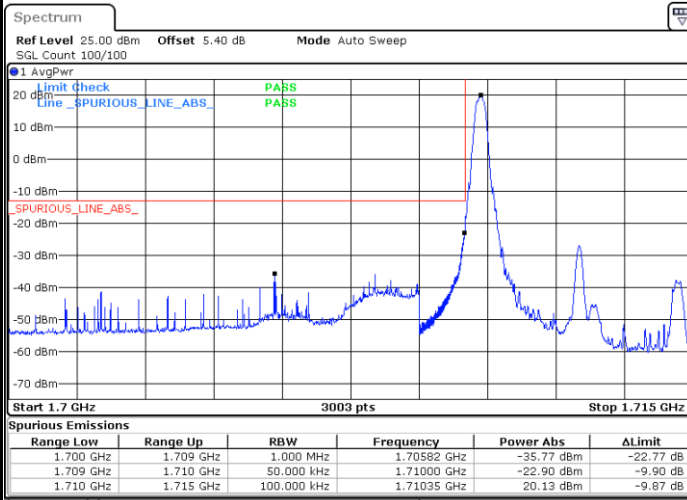




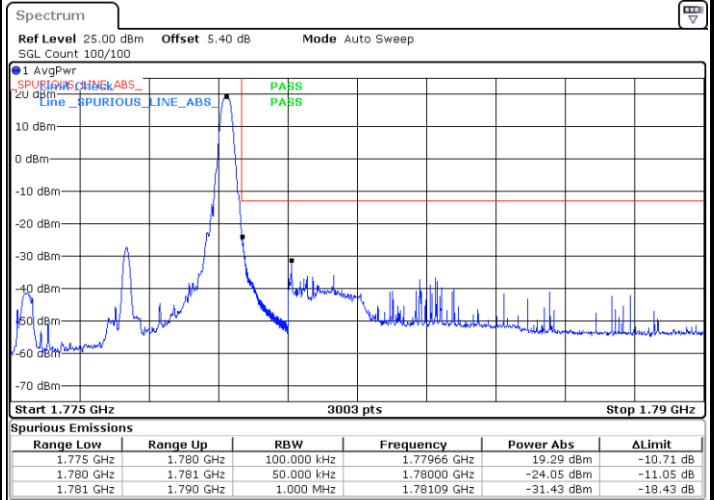
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



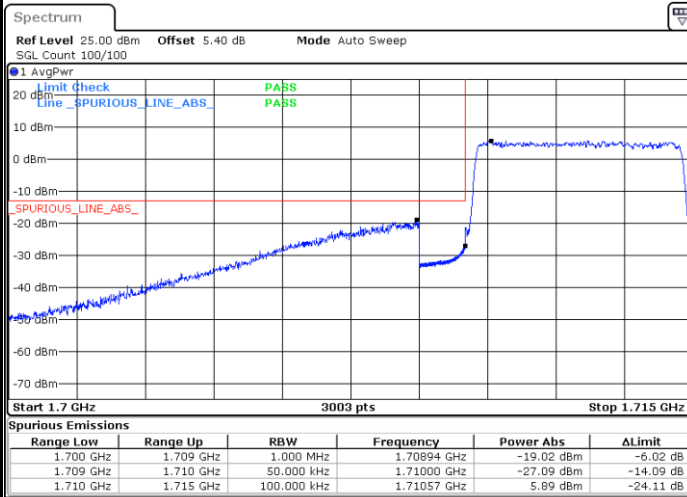
Date: 3 JUL 2022 21:47:46

Highest Band Edge / 1 RB



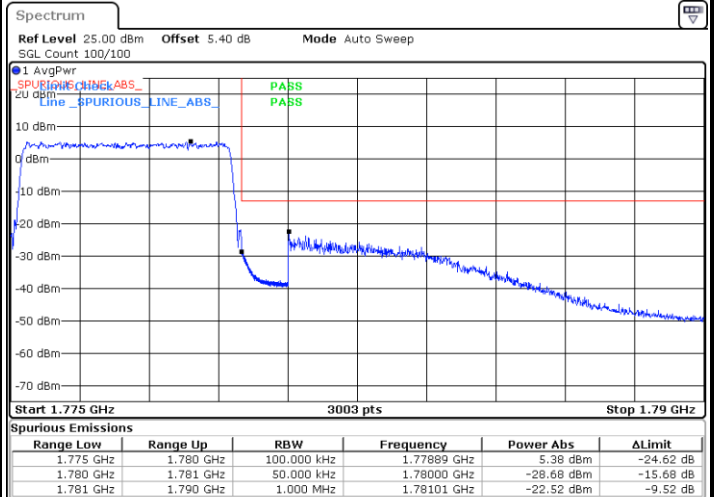
Date: 3 JUL 2022 21:57:04

Lowest Band Edge / Full RB



Date: 3 JUL 2022 21:49:26

Highest Band Edge / Full RB

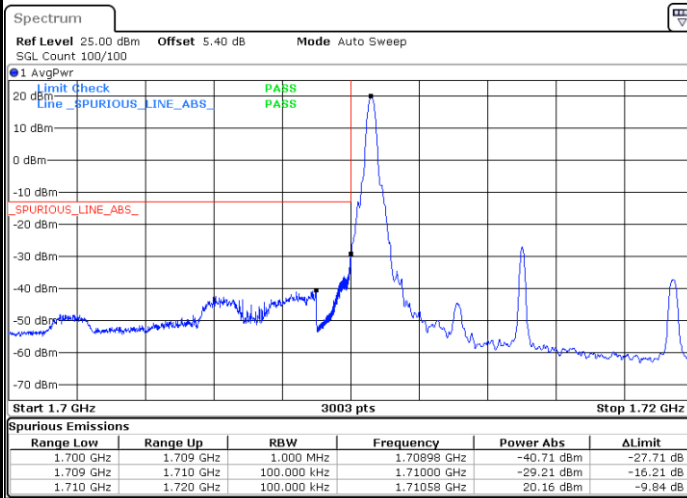


Date: 3 JUL 2022 21:58:43



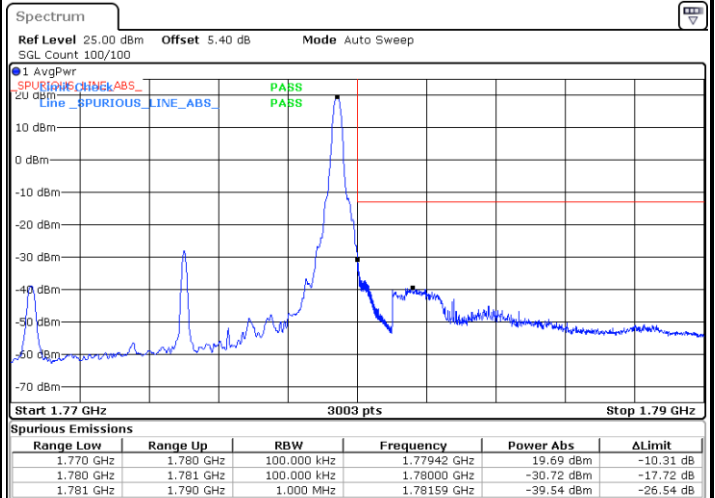
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



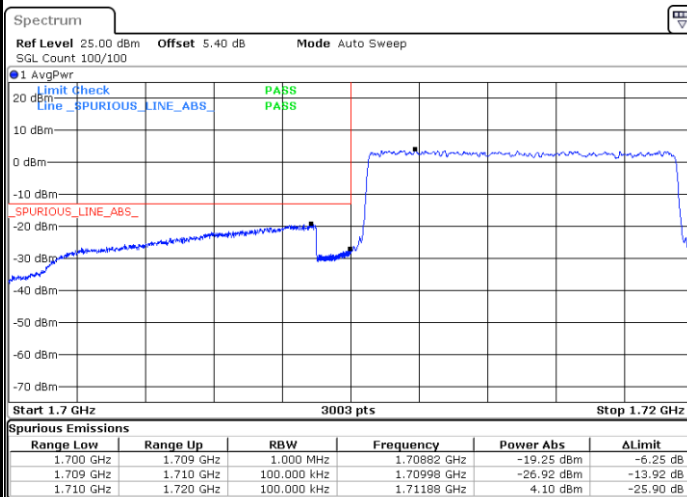
Date: 3 JUL 2022 22:03:22

Highest Band Edge / 1 RB



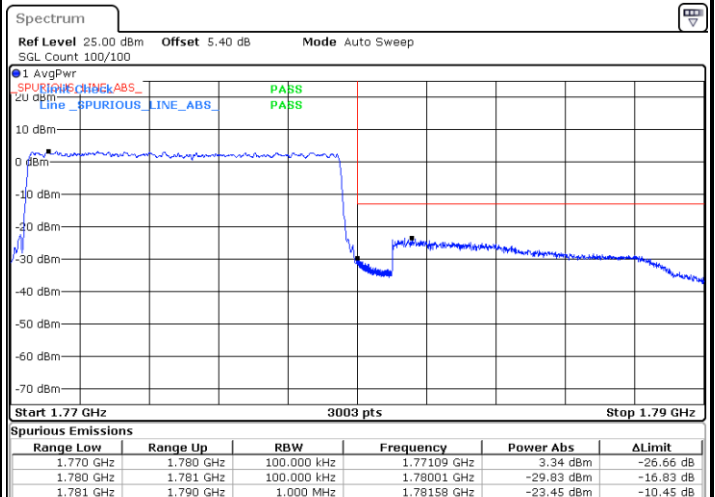
Date: 3 JUL 2022 22:12:40

Lowest Band Edge / Full RB



Date: 3 JUL 2022 22:08:21

Highest Band Edge / Full RB

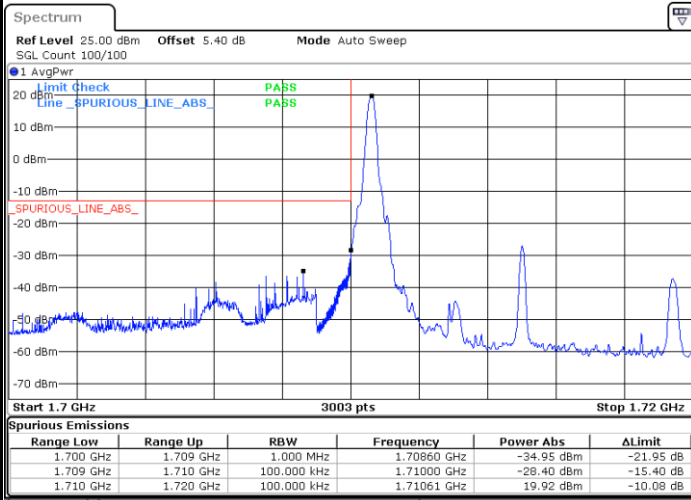


Date: 3 JUL 2022 22:17:38



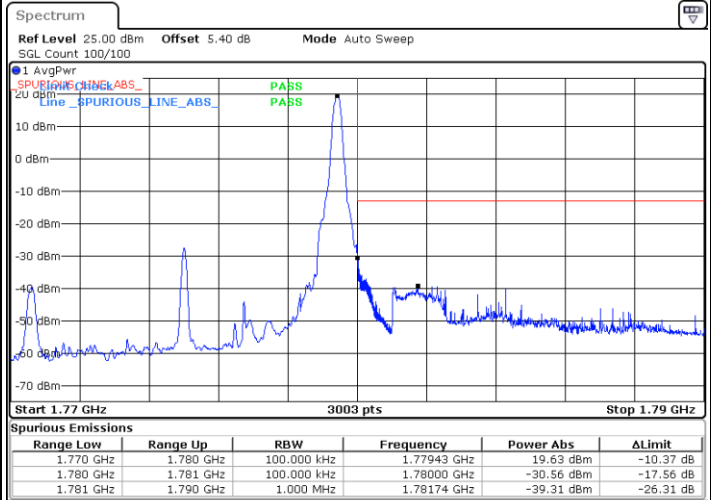
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



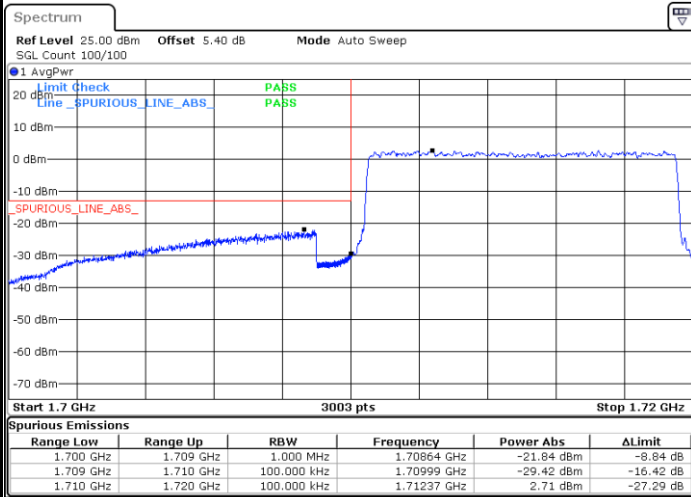
Date: 3 JUL 2022 22:05:02

Highest Band Edge / 1 RB



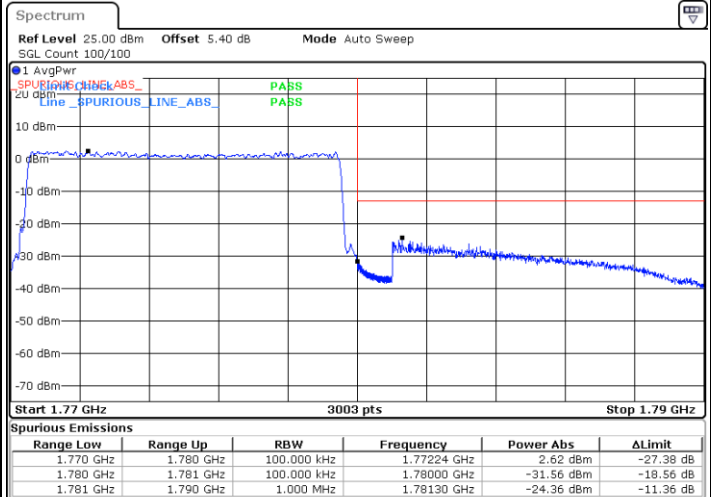
Date: 3 JUL 2022 22:14:19

Lowest Band Edge / Full RB



Date: 3 JUL 2022 22:06:41

Highest Band Edge / Full RB

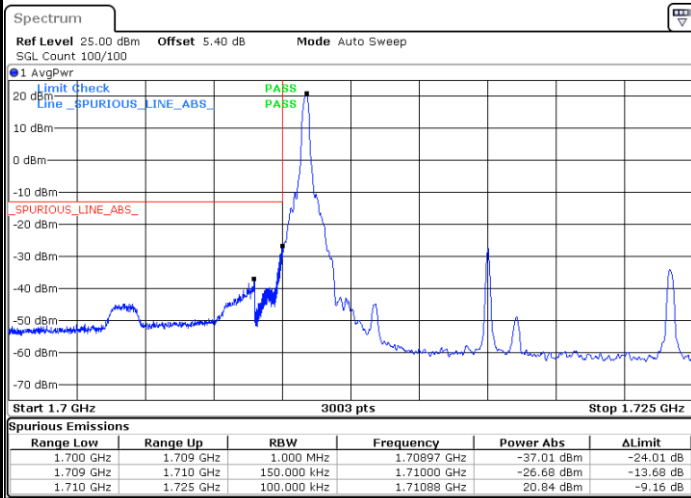


Date: 3 JUL 2022 22:15:59



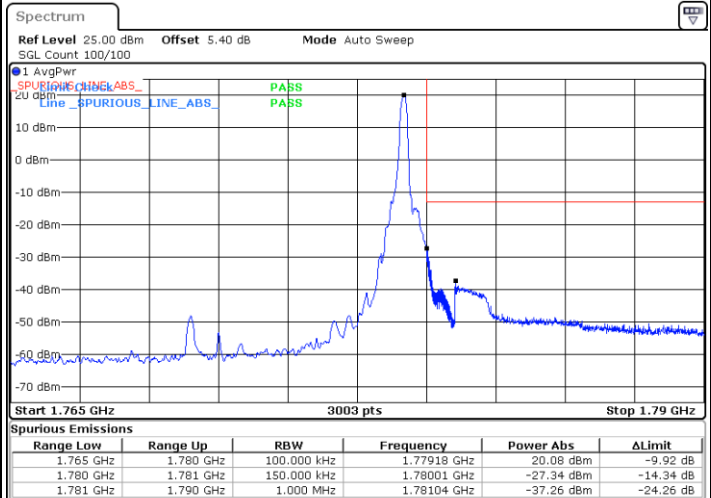
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



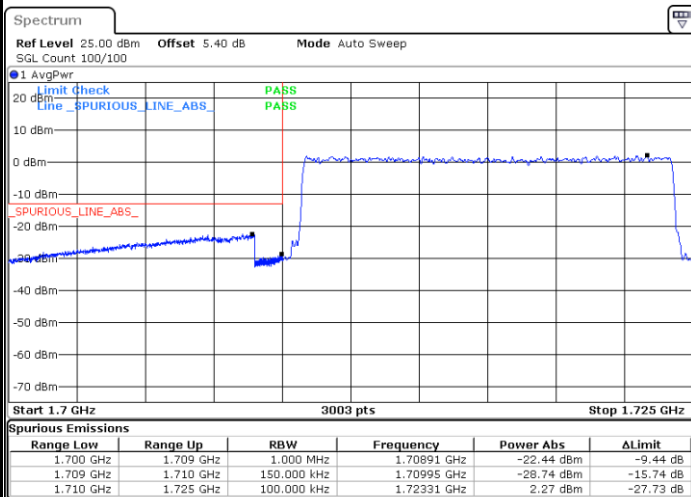
Date: 3 JUL 2022 22:20:38

Highest Band Edge / 1 RB



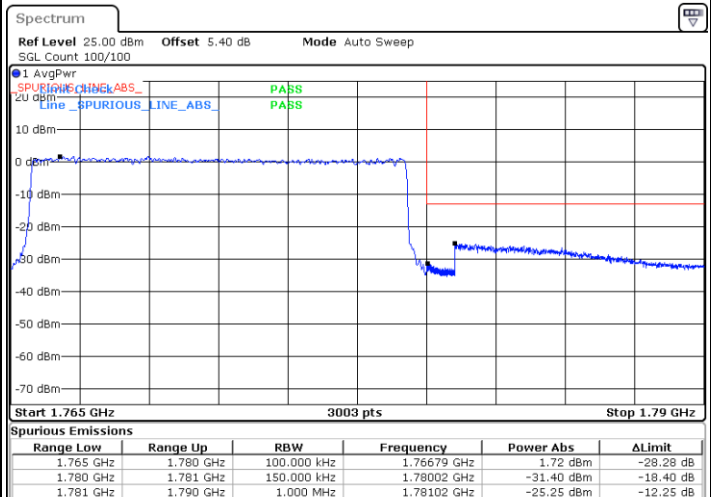
Date: 3 JUL 2022 22:29:55

Lowest Band Edge / Full RB



Date: 3 JUL 2022 22:25:36

Highest Band Edge / Full RB

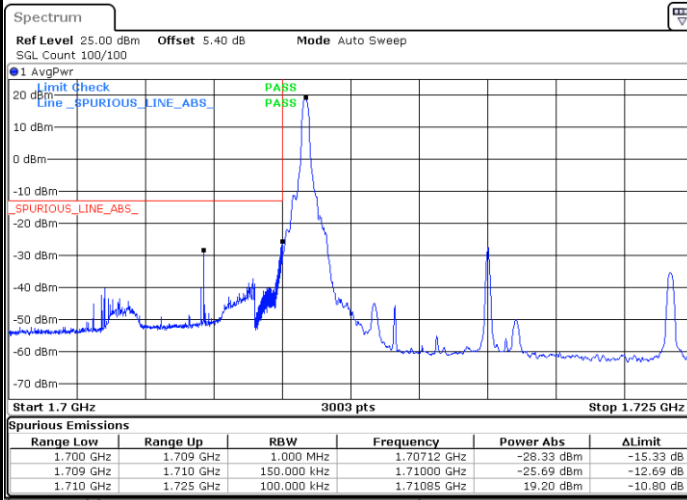


Date: 3 JUL 2022 22:34:53



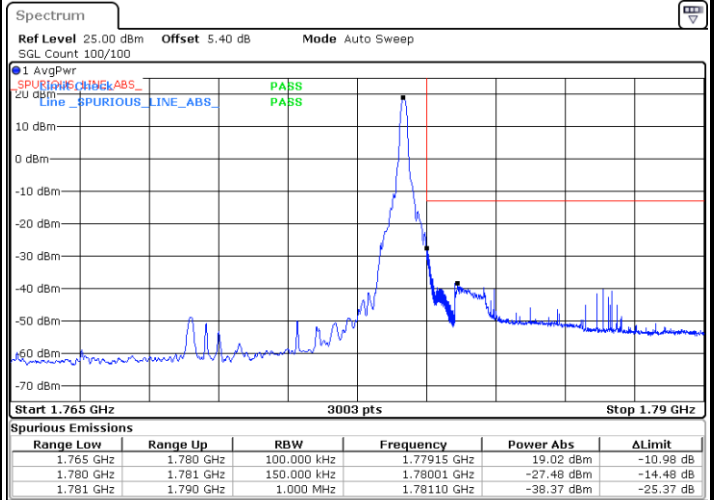
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



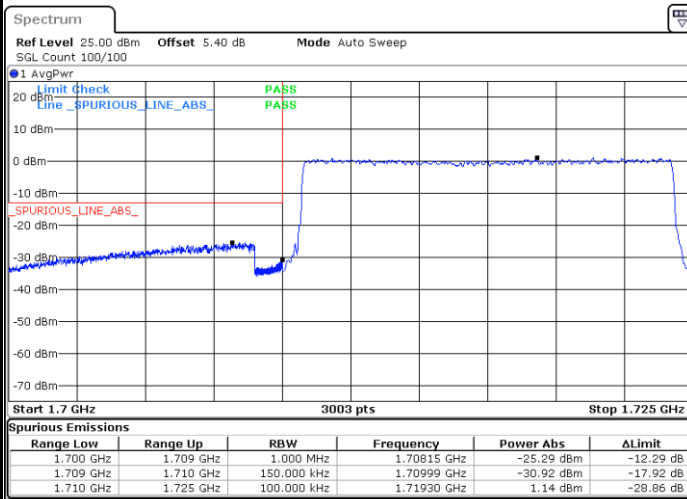
Date: 3 JUL 2022 22:22:17

Highest Band Edge / 1 RB



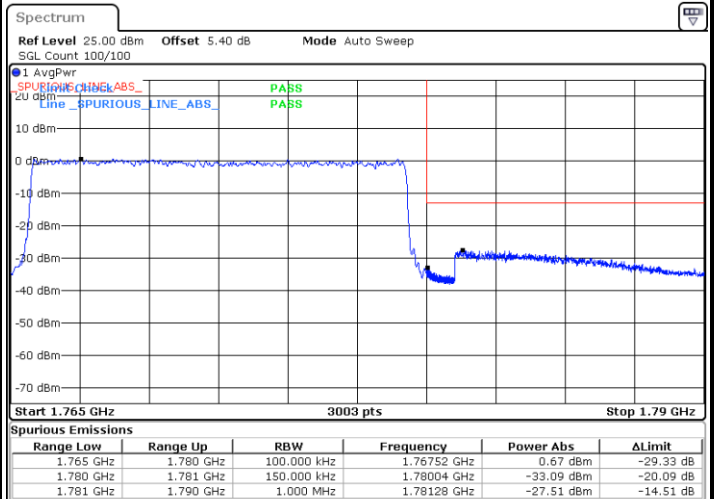
Date: 3 JUL 2022 22:31:34

Lowest Band Edge / Full RB



Date: 3 JUL 2022 22:23:57

Highest Band Edge / Full RB

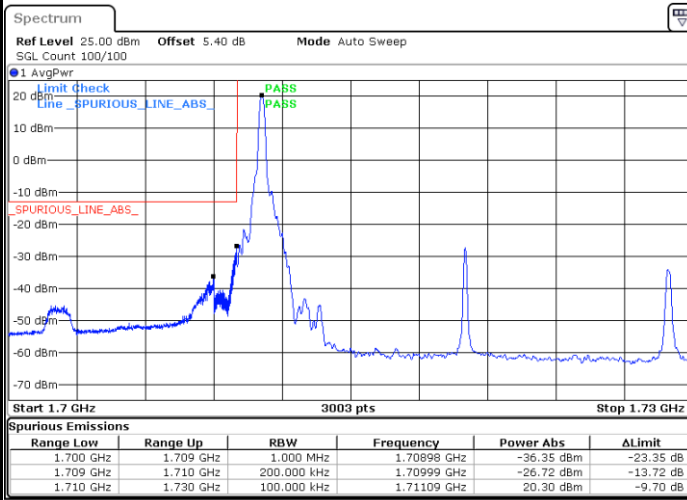


Date: 3 JUL 2022 22:33:14



LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



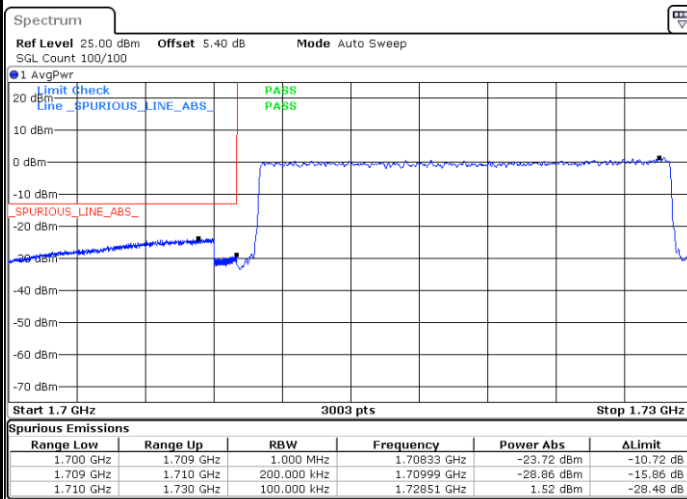
Date: 3 JUL 2022 22:37:53

Highest Band Edge / 1 RB



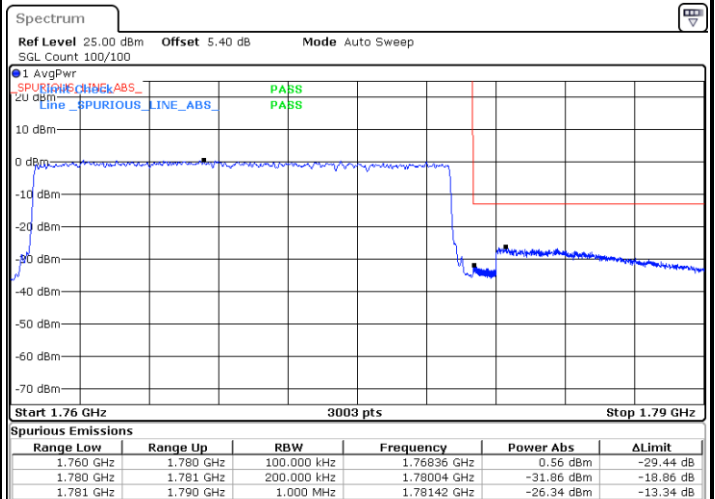
Date: 3 JUL 2022 22:47:11

Lowest Band Edge / Full RB



Date: 3 JUL 2022 22:42:51

Highest Band Edge / Full RB

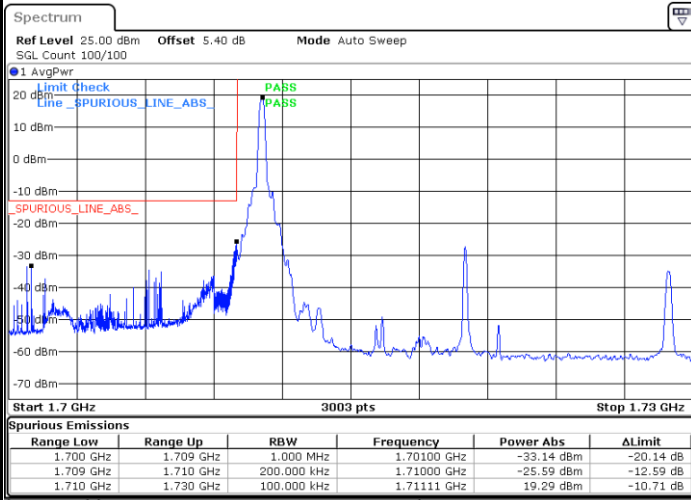


Date: 3 JUL 2022 22:52:09



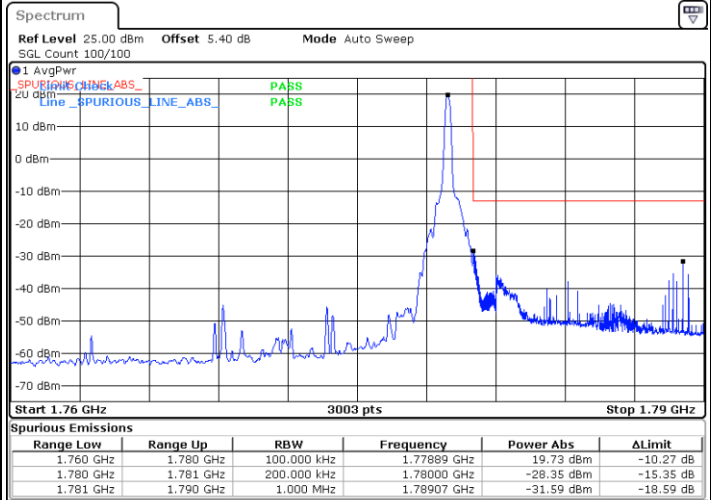
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



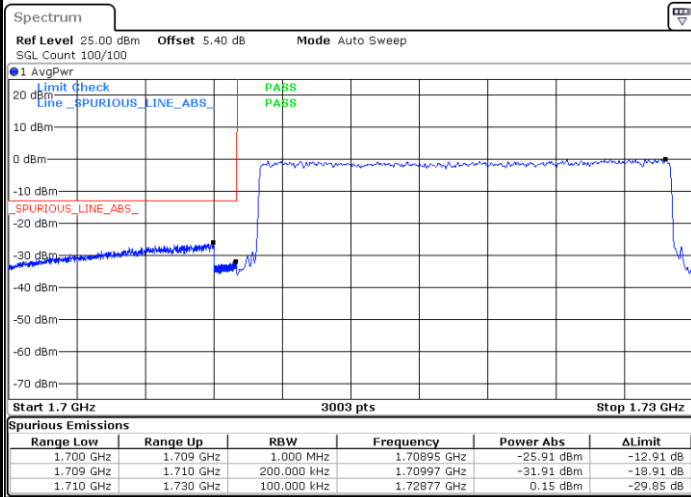
Date: 3 JUL 2022 22:39:33

Highest Band Edge / 1 RB



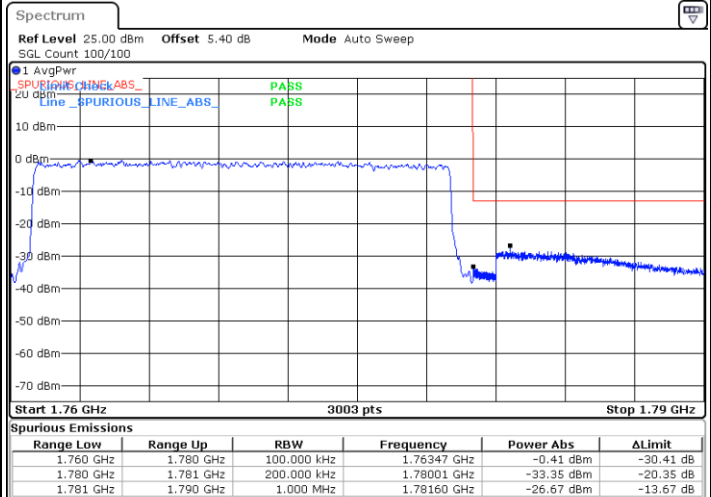
Date: 3 JUL 2022 22:48:50

Lowest Band Edge / Full RB



Date: 3 JUL 2022 22:41:12

Highest Band Edge / Full RB



Date: 3 JUL 2022 22:50:30



# Conducted Spurious Emission



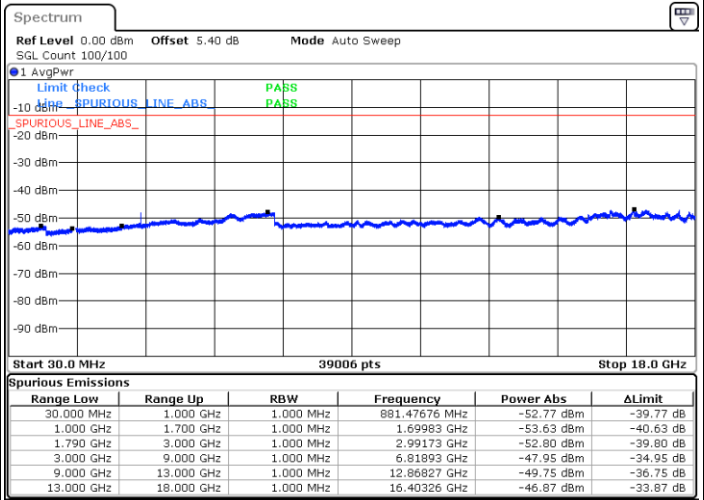
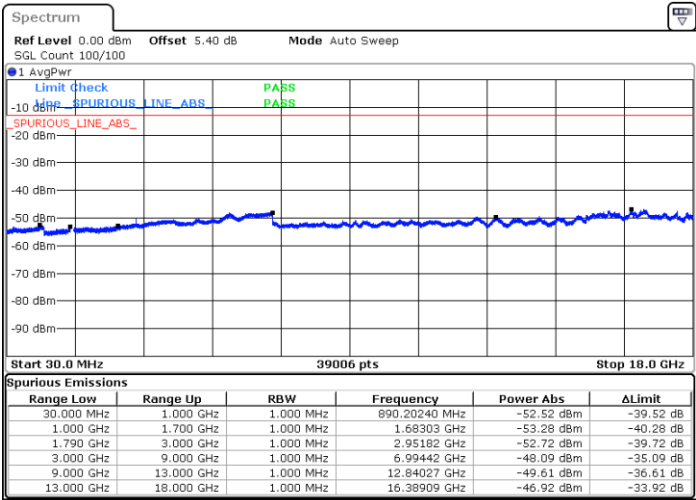




LTE Band 66 / 3MHz

Lowest Channel / QPSK

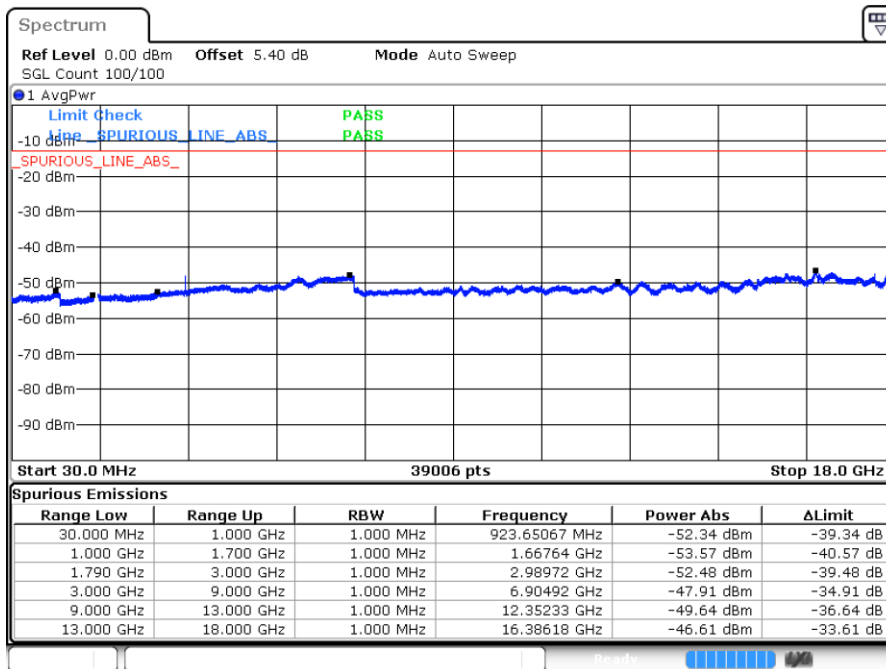
Middle Channel / QPSK



Date: 3 JUL 2022 21:27:12

Date: 3 JUL 2022 21:35:10

Highest Channel / QPSK

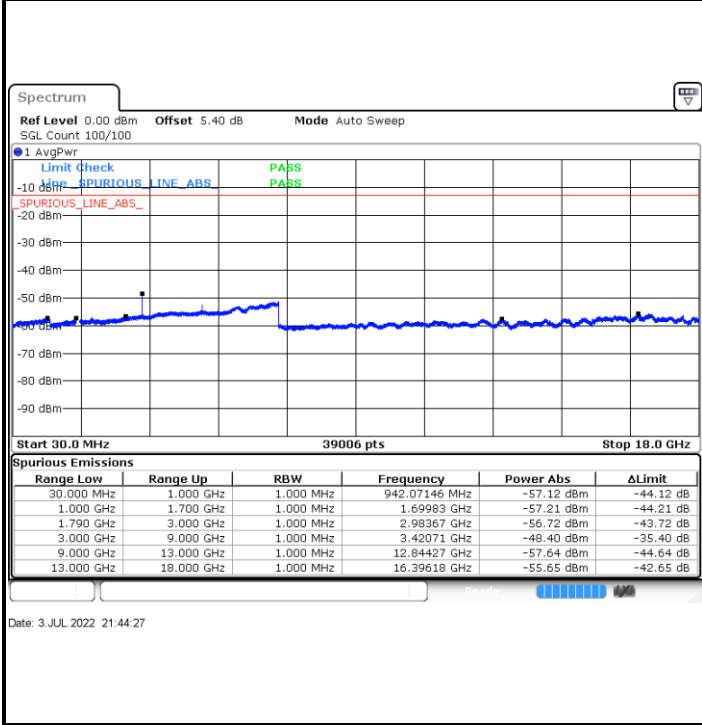


Date: 3 JUL 2022 21:36:29

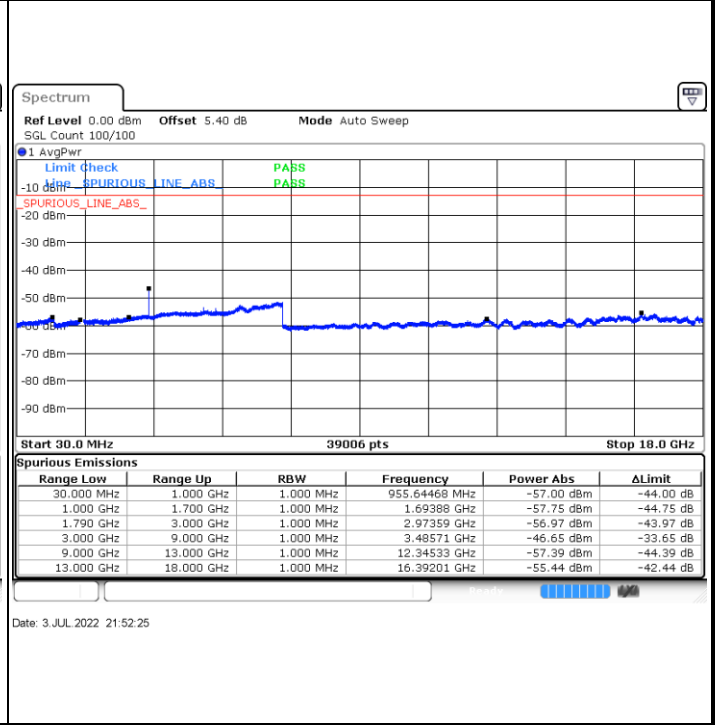


**LTE Band 66 / 5MHz**

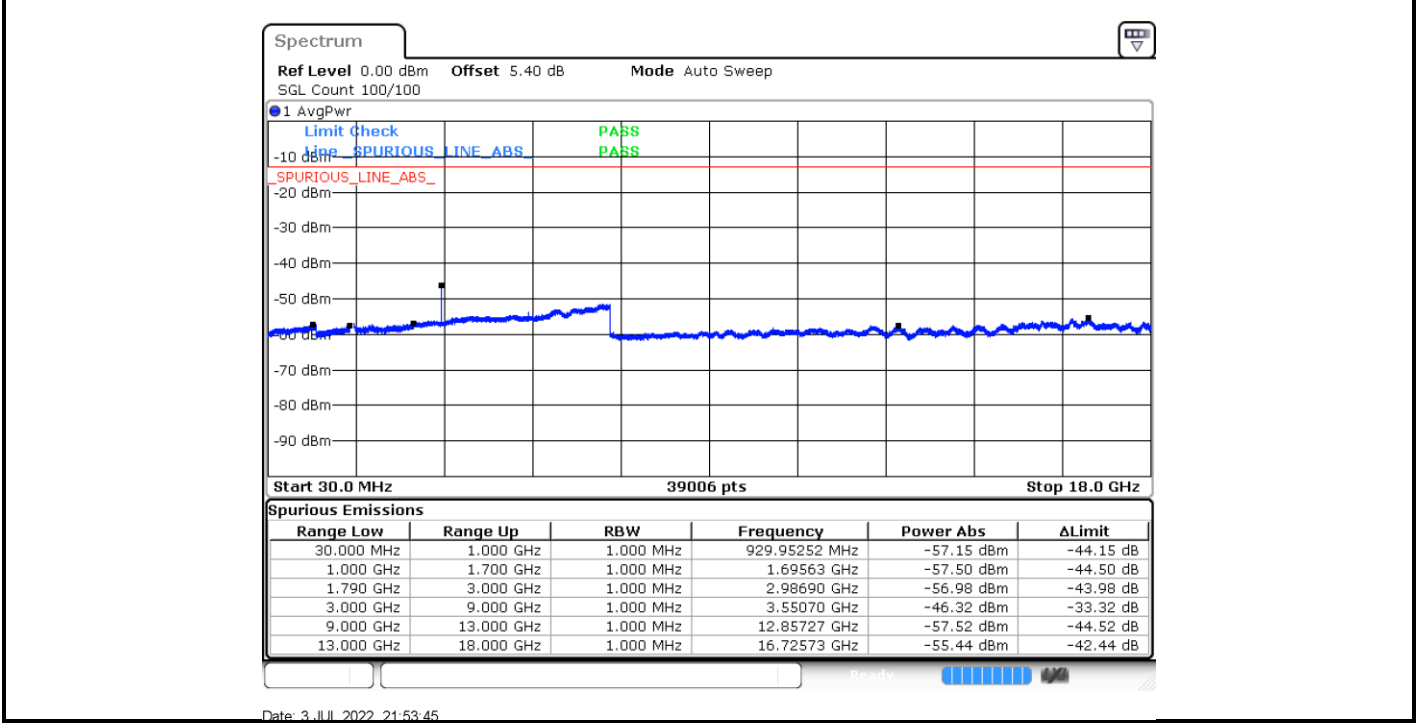
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



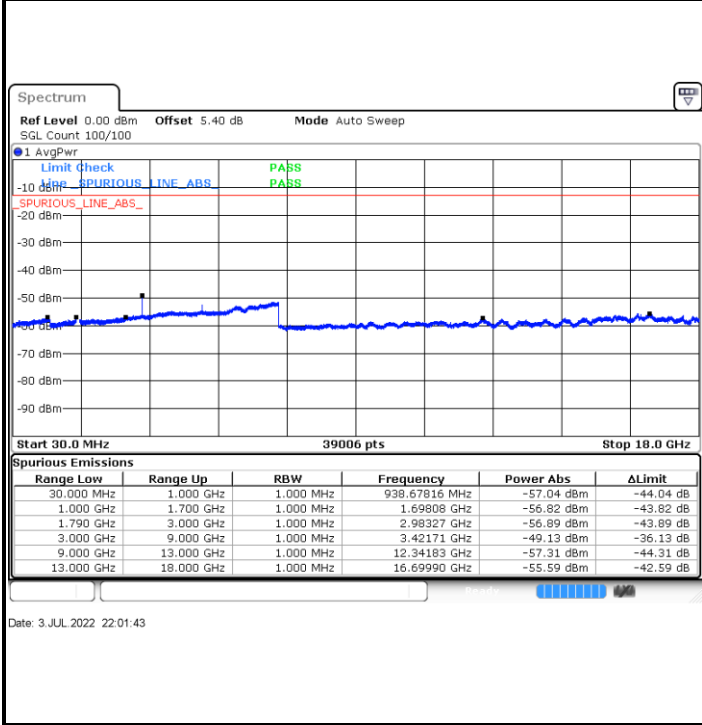
**Highest Channel / QPSK**



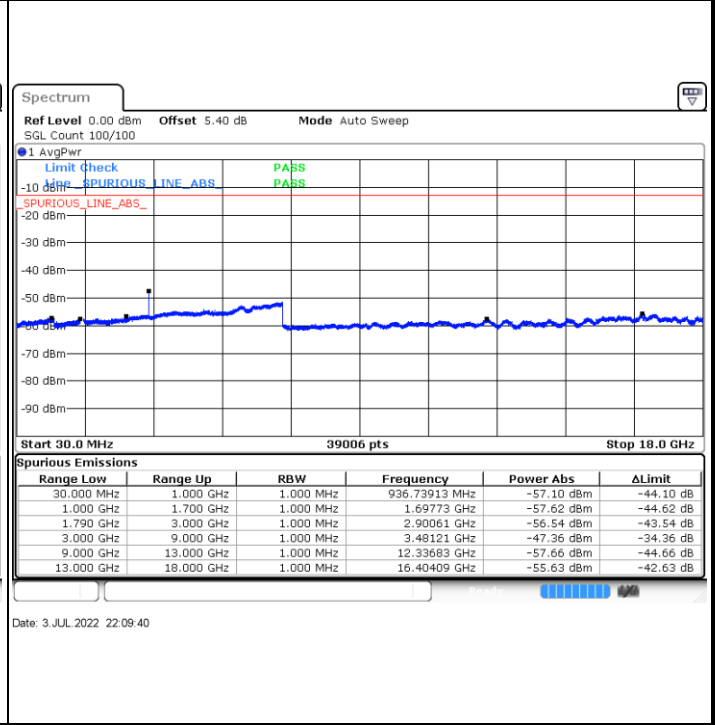


**LTE Band 66 / 10MHz**

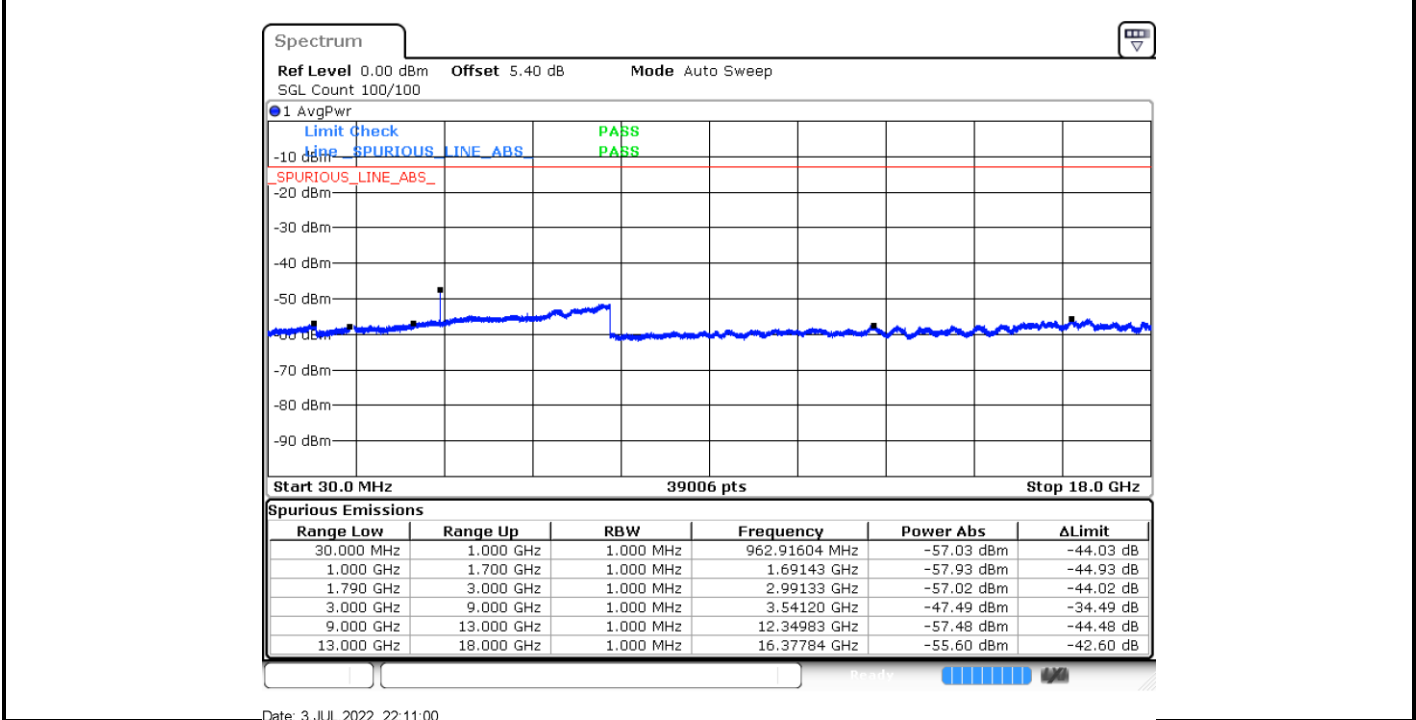
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

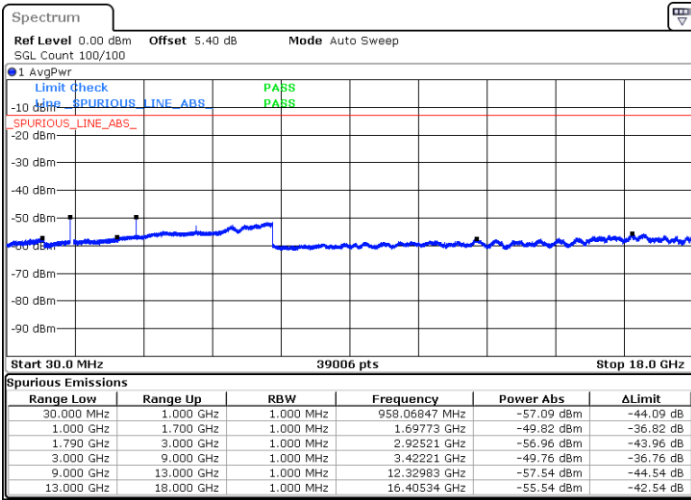




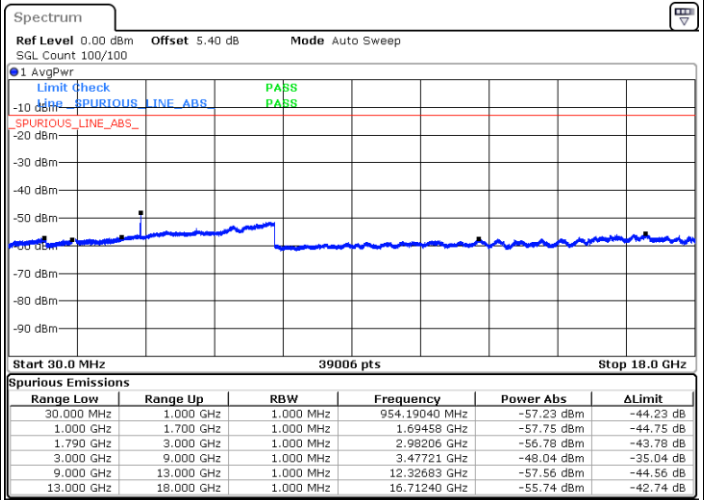
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

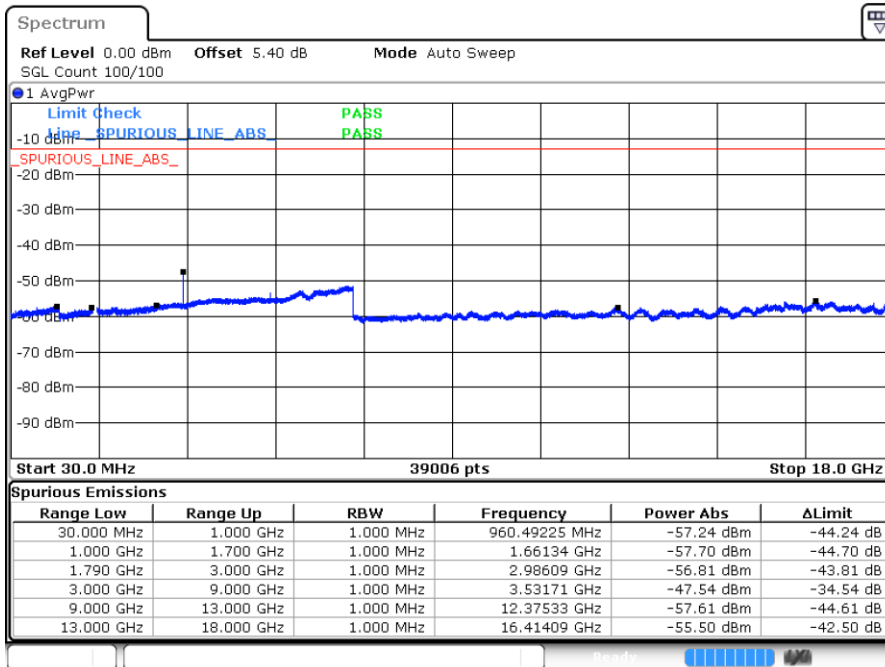


Date: 3 JUL 2022 22:18:58



Date: 3 JUL 2022 22:26:56

Highest Channel / QPSK

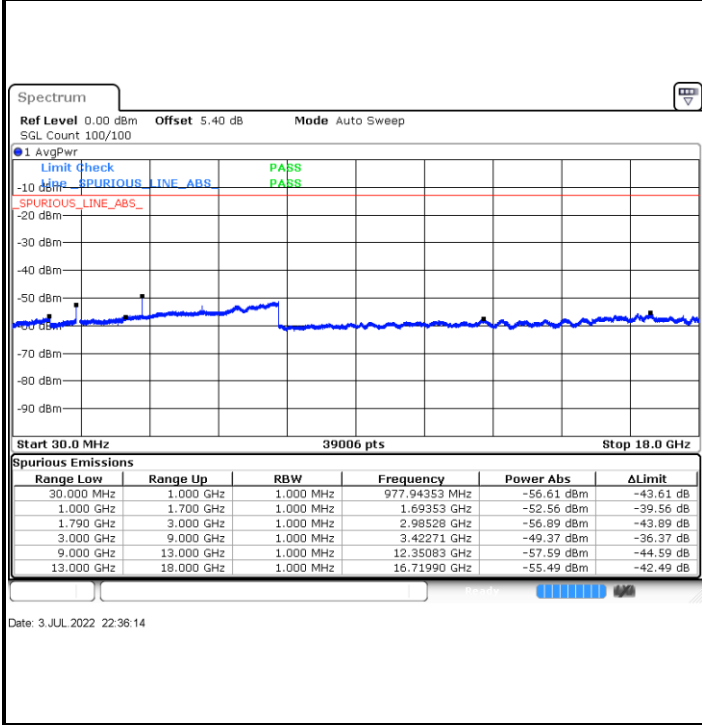


Date: 3 JUL 2022 22:28:15

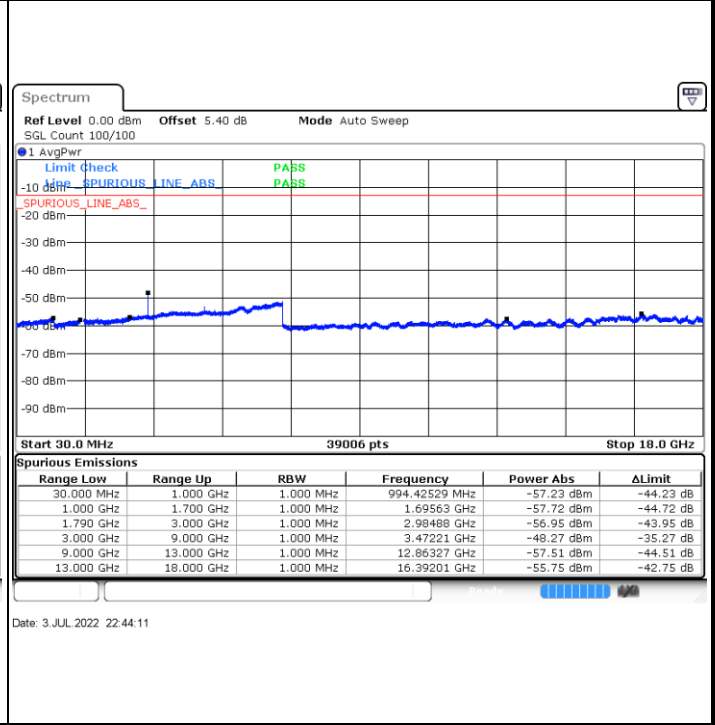


**LTE Band 66 / 20MHz**

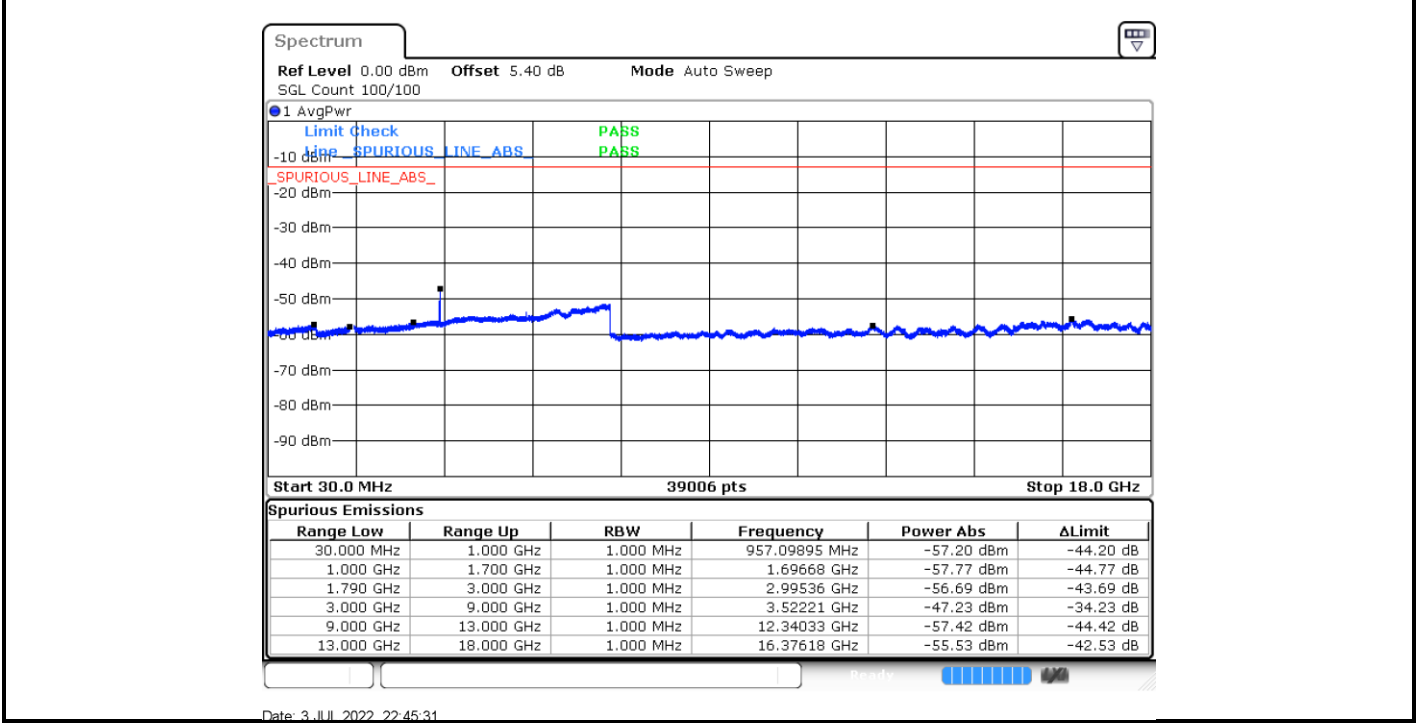
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

Note:

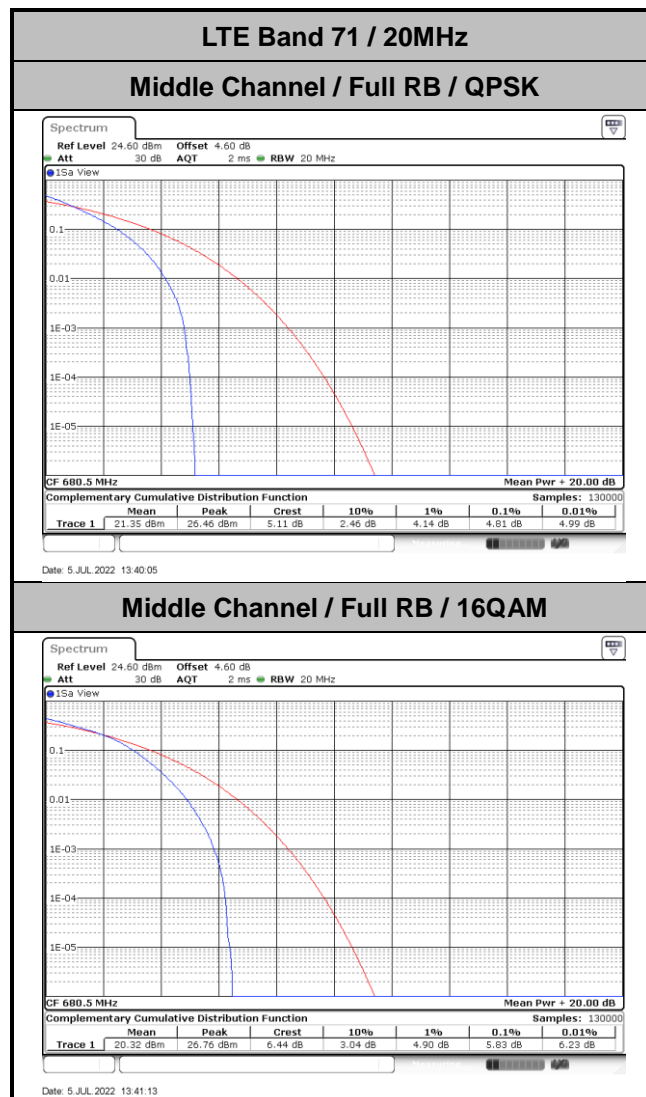
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 71

## Peak-to-Average Ratio

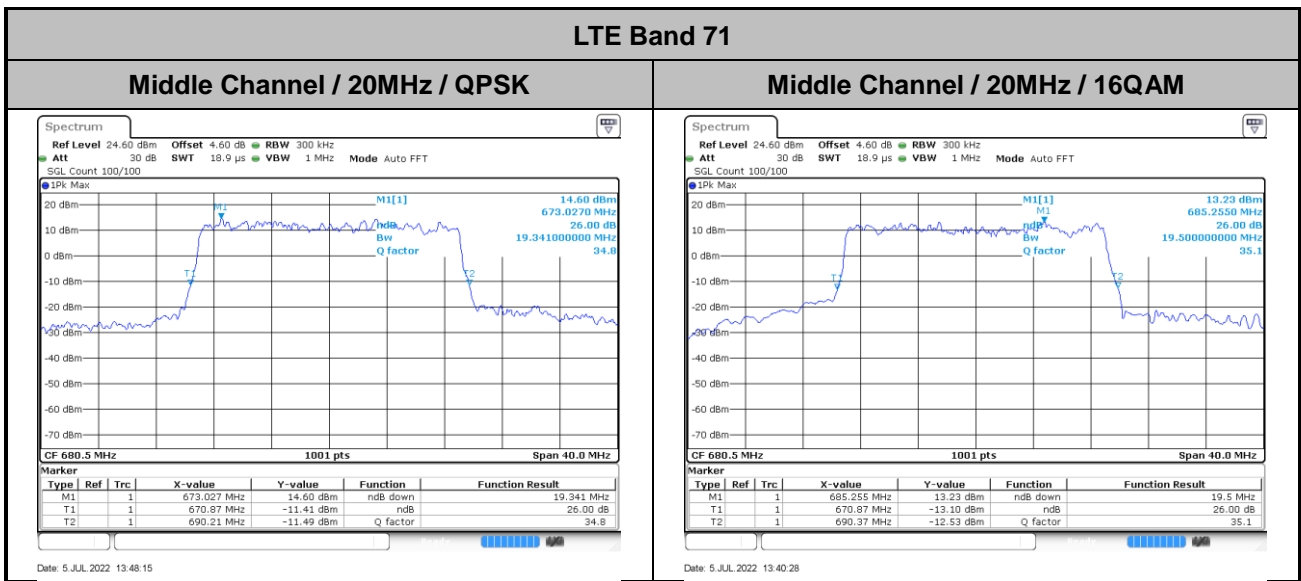
Mode	LTE Band 71 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.81	5.83	PASS





## 26dB Bandwidth

<b>Mode</b>	<b>LTE Band 71 : 26dB BW(MHz)</b>	
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	19.34	19.50

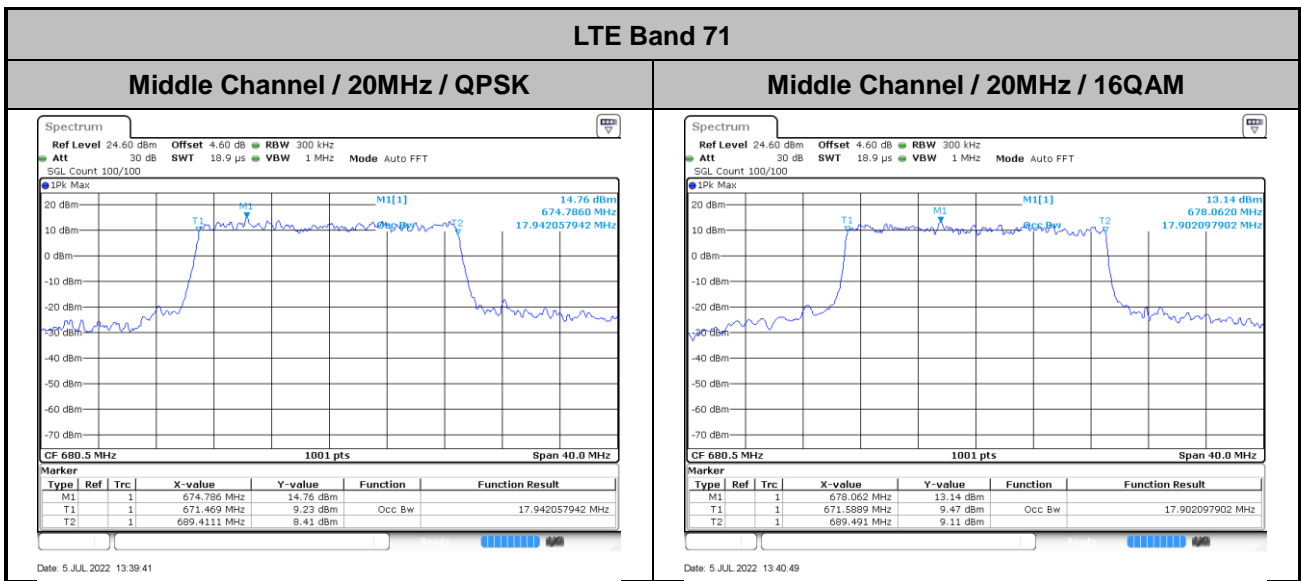






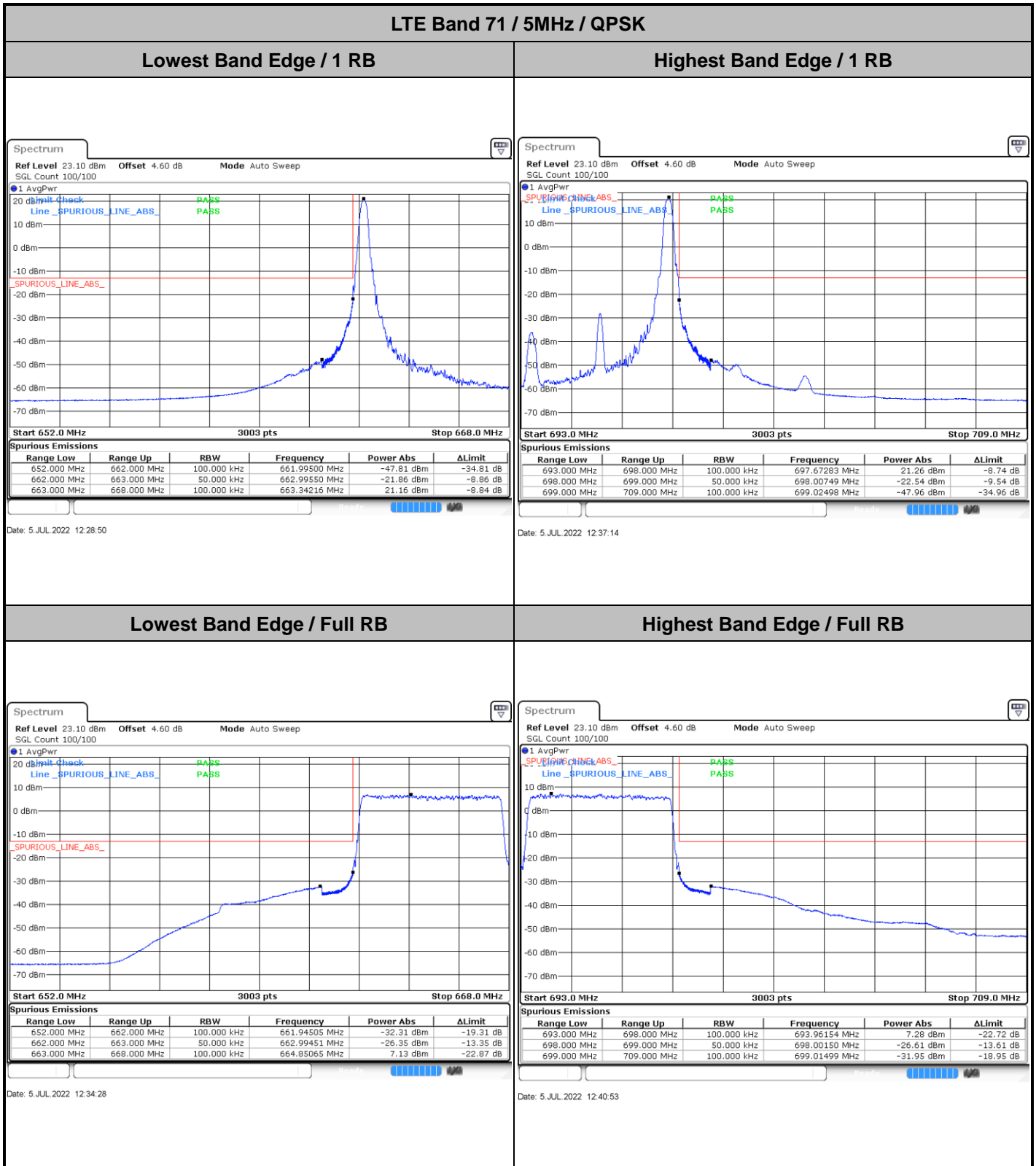
## Occupied Bandwidth

<b>Mode</b>	<b>LTE Band 71 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.94	17.90





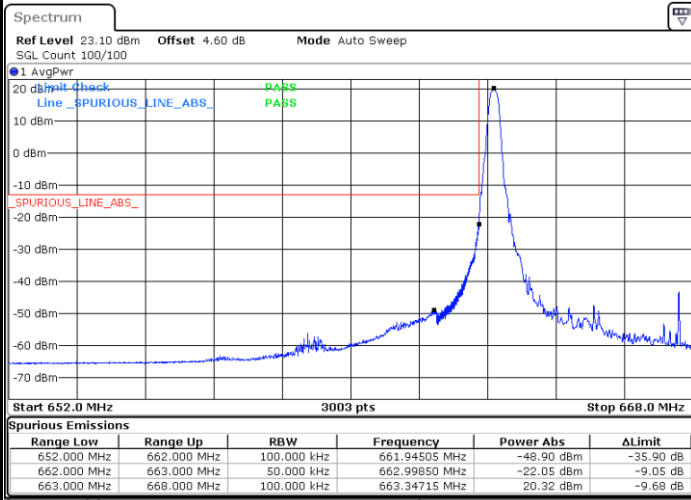
# Conducted Band Edge





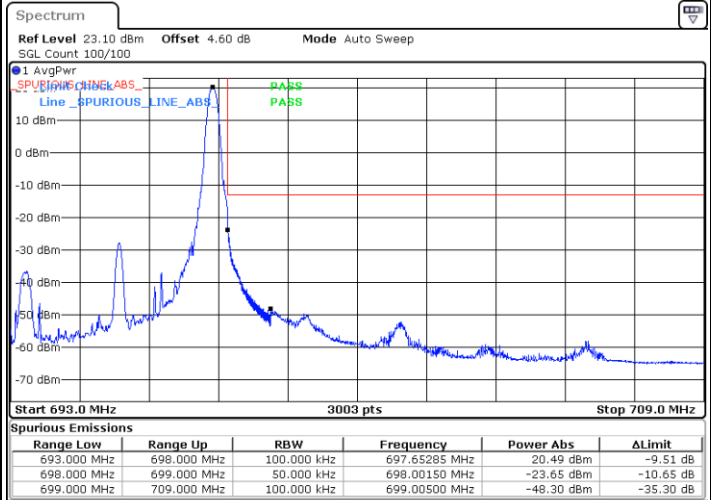
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



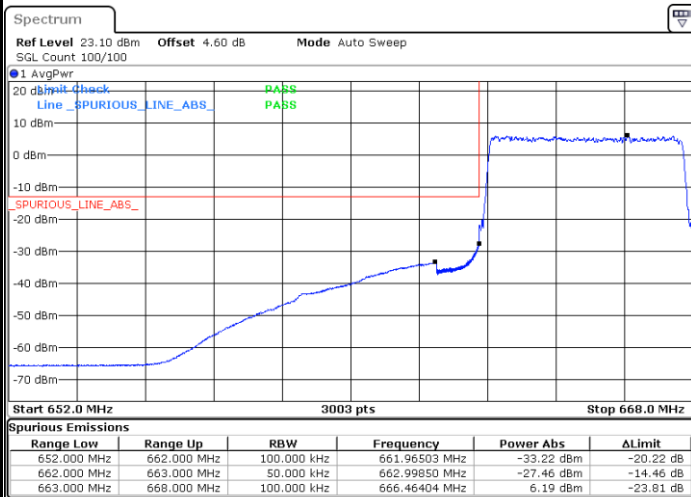
Date: 5 JUL 2022 12:30:31

Highest Band Edge / 1 RB



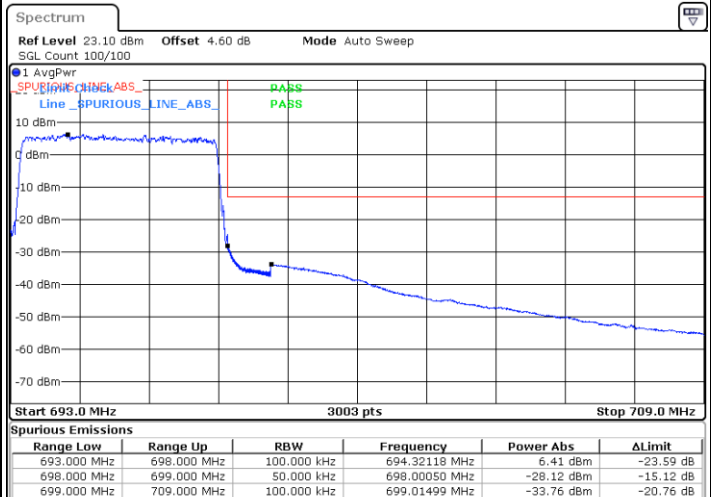
Date: 5 JUL 2022 12:38:34

Lowest Band Edge / Full RB



Date: 5 JUL 2022 12:31:47

Highest Band Edge / Full RB

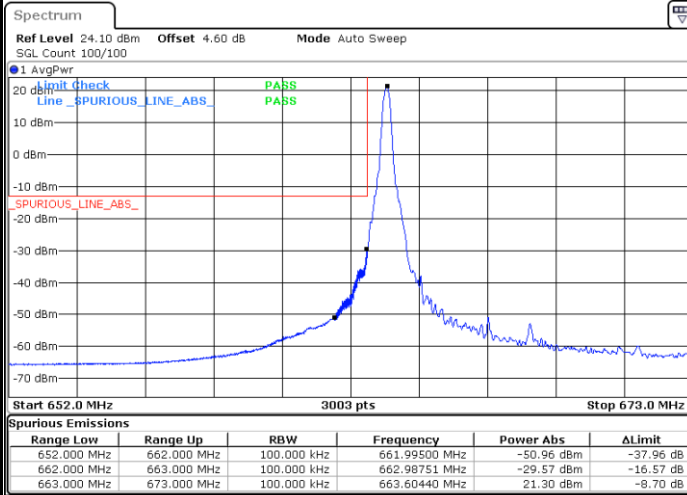


Date: 5 JUL 2022 12:39:50



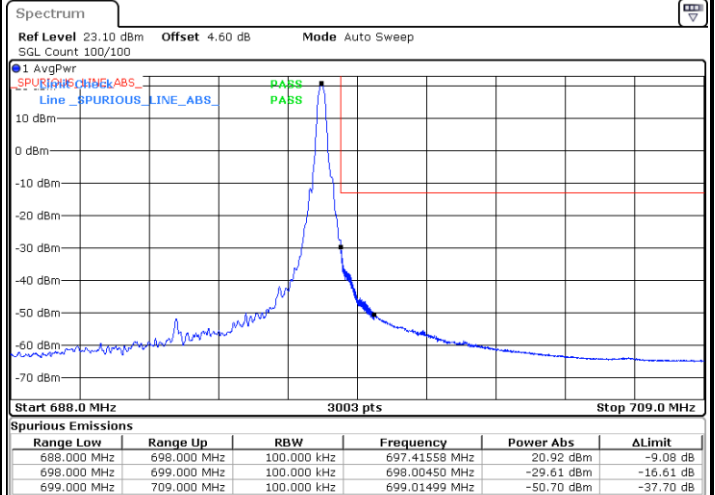
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



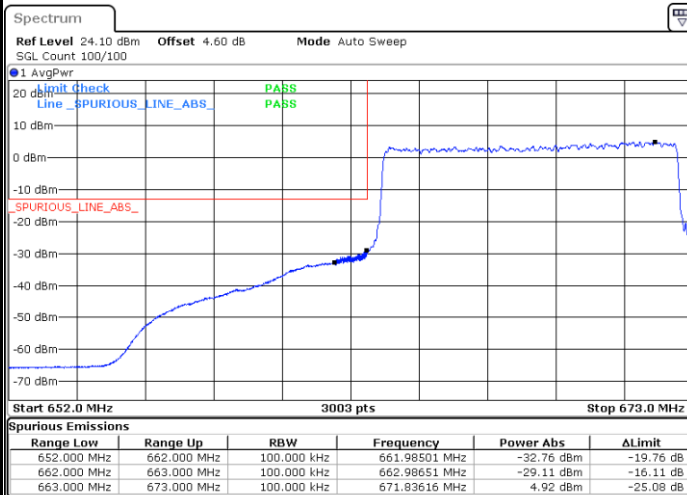
Date: 5 JUL 2022 12:43:27

Highest Band Edge / 1 RB



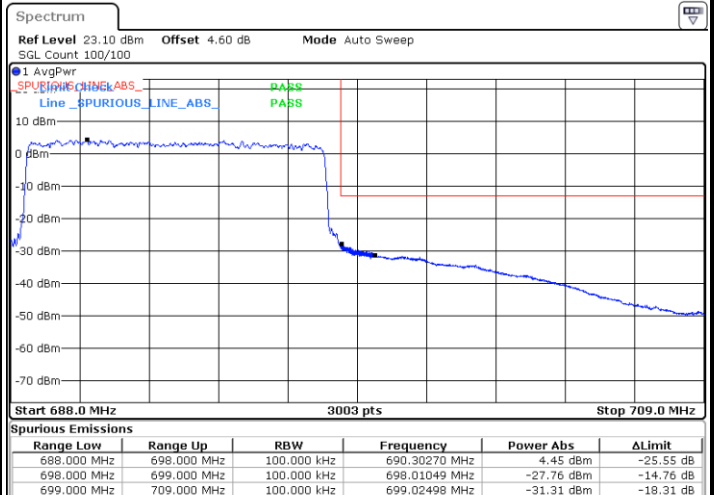
Date: 5 JUL 2022 12:50:22

Lowest Band Edge / Full RB



Date: 5 JUL 2022 12:46:49

Highest Band Edge / Full RB

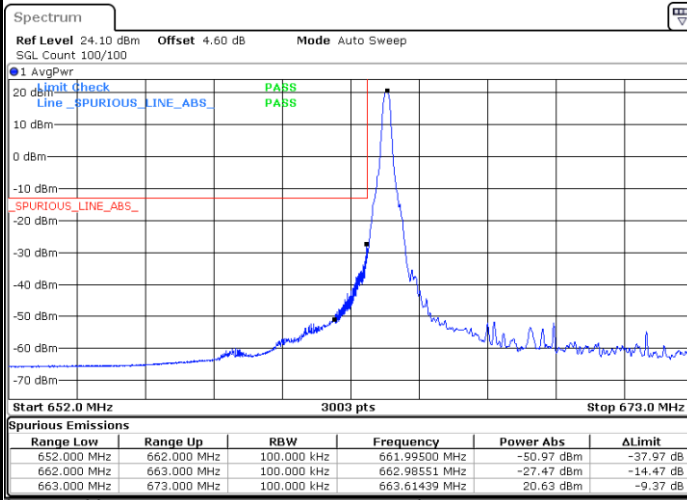


Date: 5 JUL 2022 13:08:05



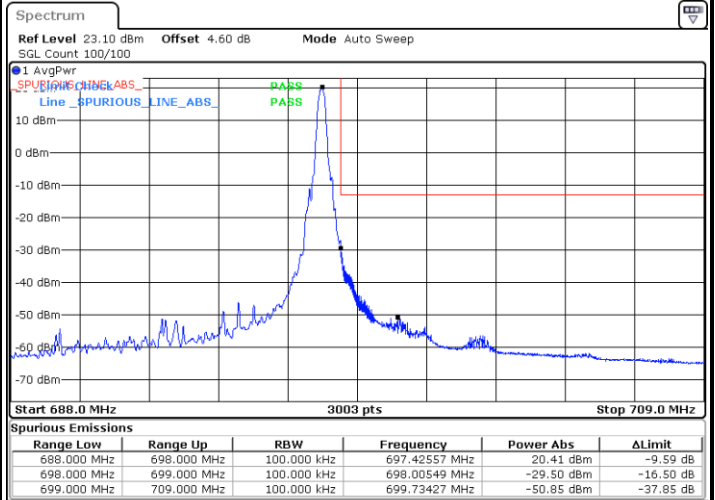
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



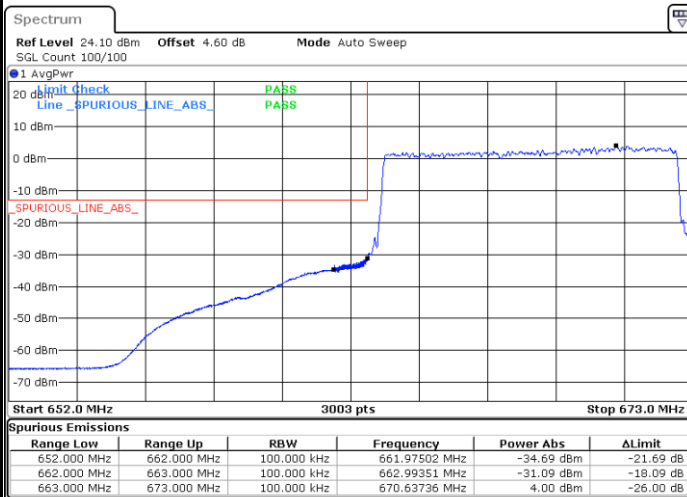
Date: 5 JUL 2022 12:44:18

Highest Band Edge / 1 RB



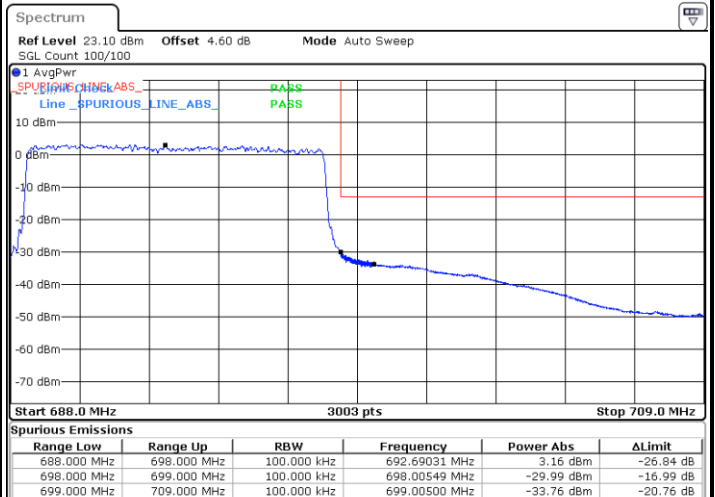
Date: 5 JUL 2022 12:51:18

Lowest Band Edge / Full RB



Date: 5 JUL 2022 12:46:01

Highest Band Edge / Full RB

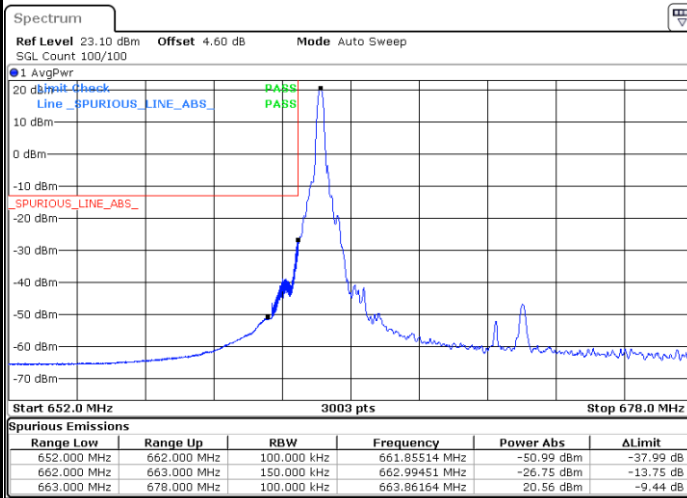


Date: 5 JUL 2022 13:09:08



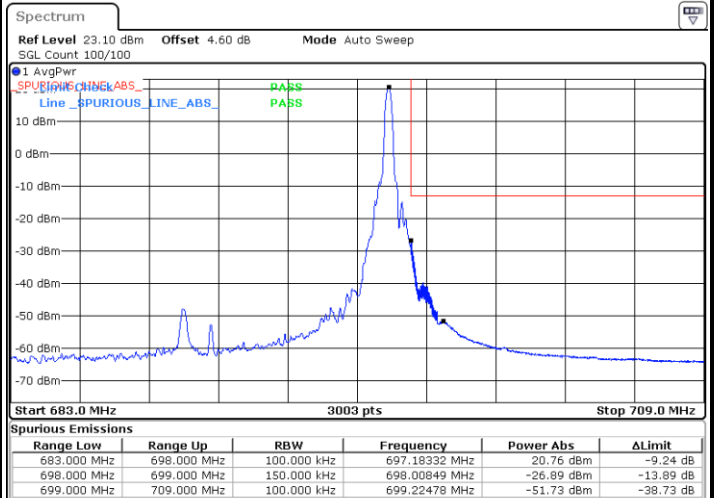
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



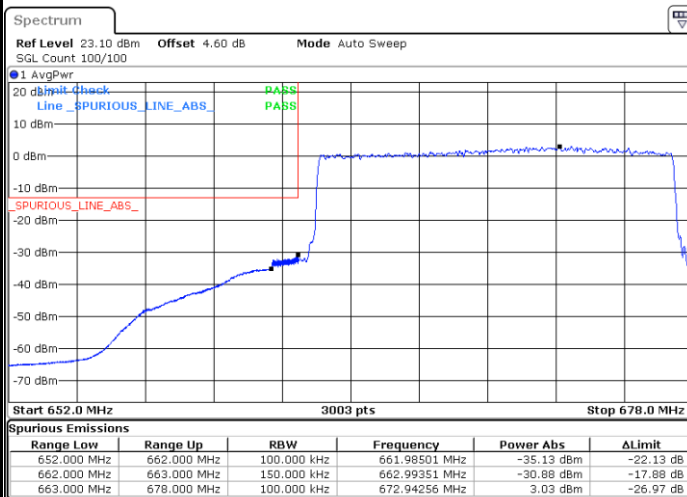
Date: 5 JUL 2022 13:11:32

Highest Band Edge / 1 RB



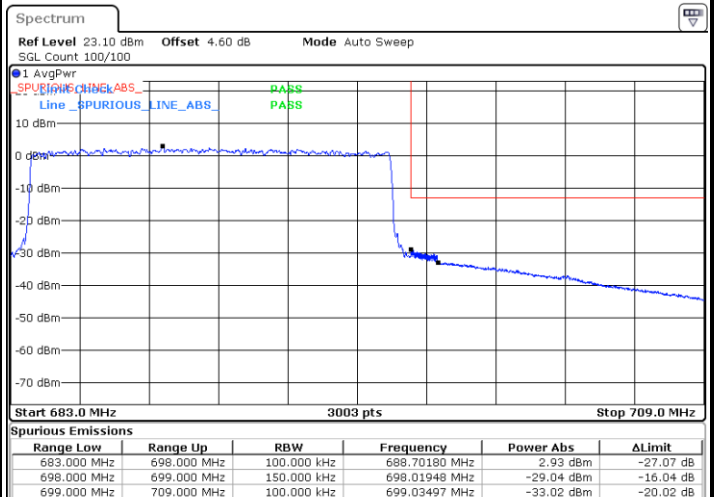
Date: 5 JUL 2022 13:18:59

Lowest Band Edge / Full RB



Date: 5 JUL 2022 13:15:44

Highest Band Edge / Full RB

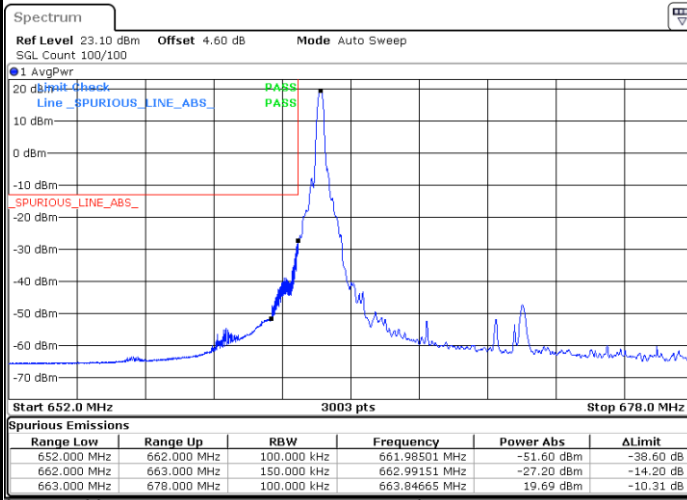


Date: 5 JUL 2022 13:21:45



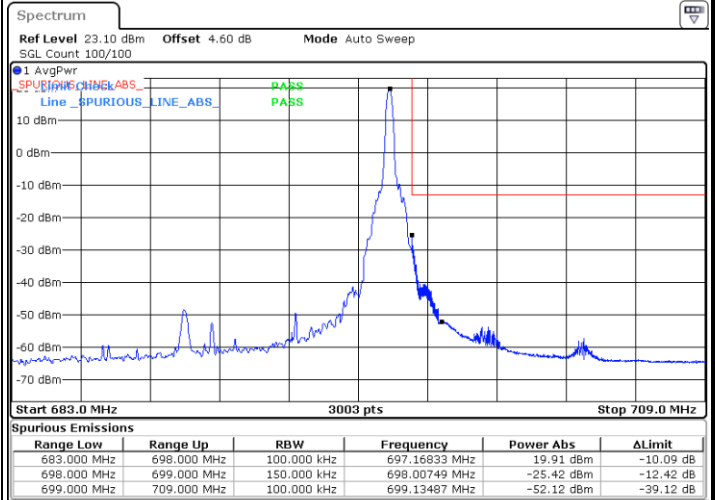
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



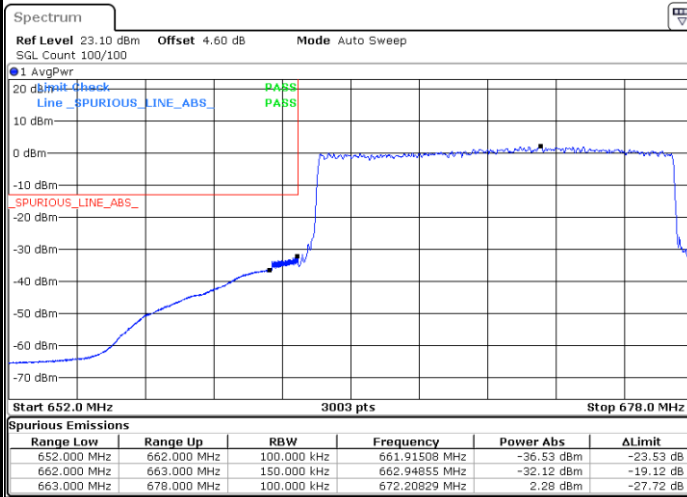
Date: 5 JUL 2022 13:13:16

Highest Band Edge / 1 RB



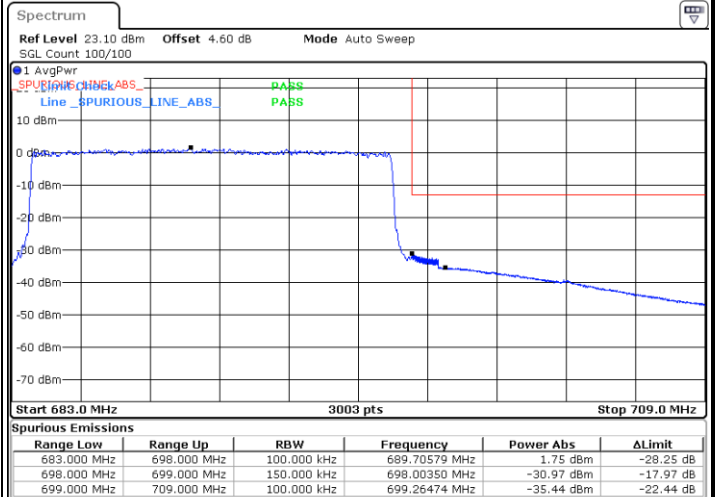
Date: 5 JUL 2022 13:19:52

Lowest Band Edge / Full RB



Date: 5 JUL 2022 13:14:05

Highest Band Edge / Full RB

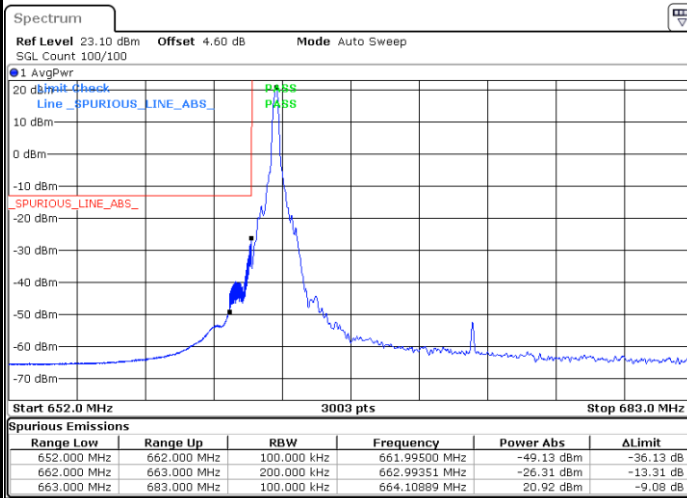


Date: 5 JUL 2022 13:20:52



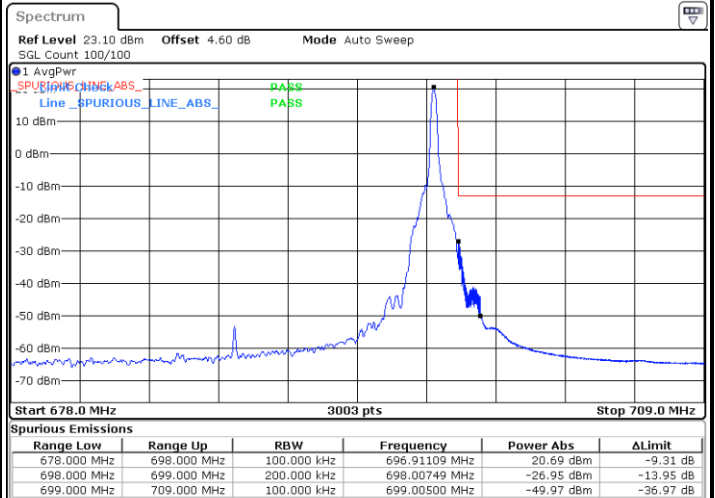
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



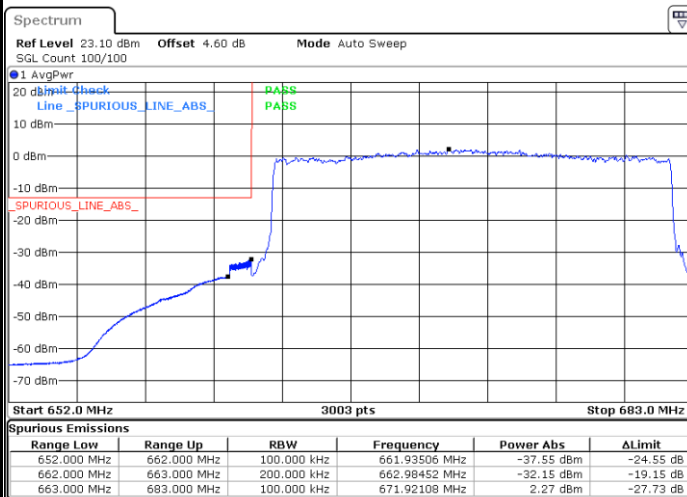
Date: 5 JUL 2022 13:24:16

Highest Band Edge / 1 RB



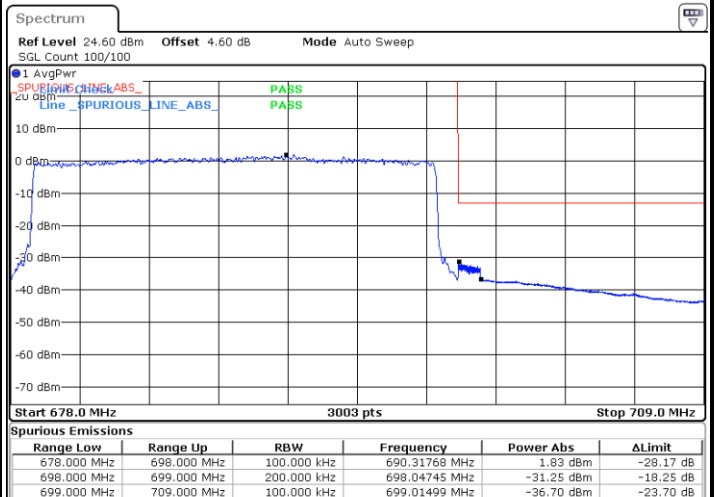
Date: 5 JUL 2022 13:30:41

Lowest Band Edge / Full RB



Date: 5 JUL 2022 13:27:15

Highest Band Edge / Full RB



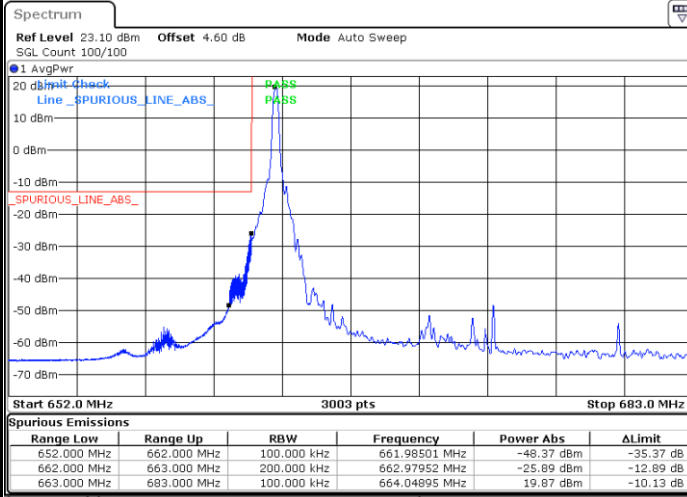
Date: 5 JUL 2022 13:35:41





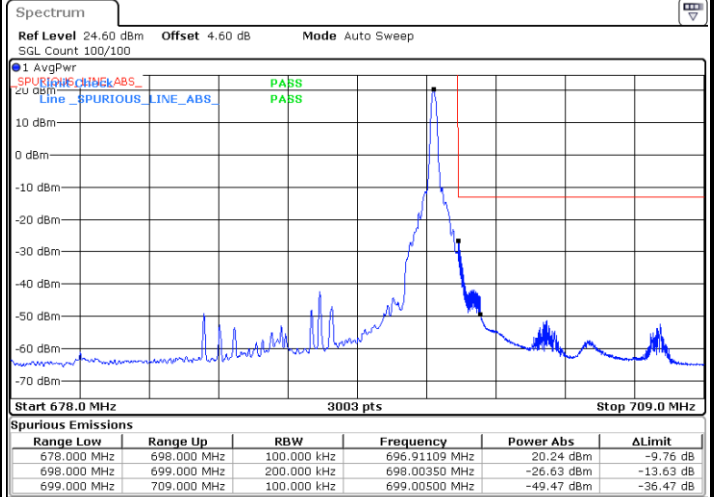
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



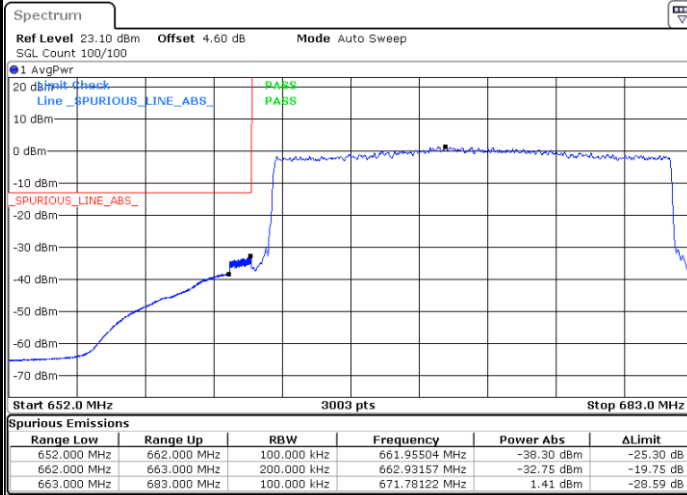
Date: 5 JUL 2022 13:25:20

Highest Band Edge / 1RB



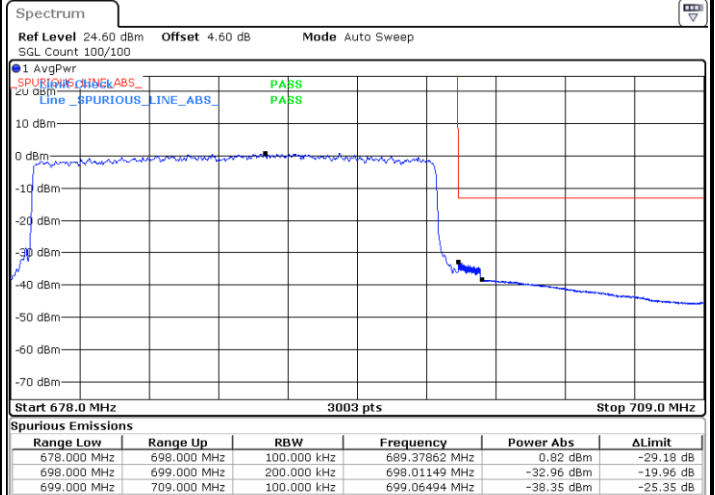
Date: 5 JUL 2022 13:33:36

Lowest Band Edge / Full RB



Date: 5 JUL 2022 13:26:11

Highest Band Edge / Full RB



Date: 5 JUL 2022 13:34:26

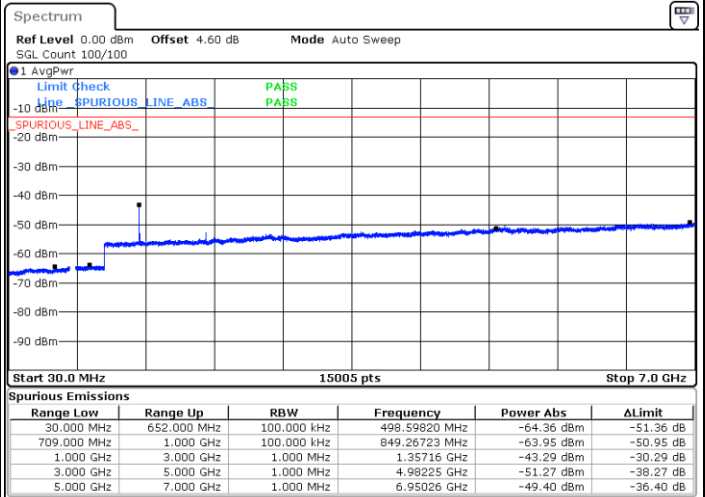
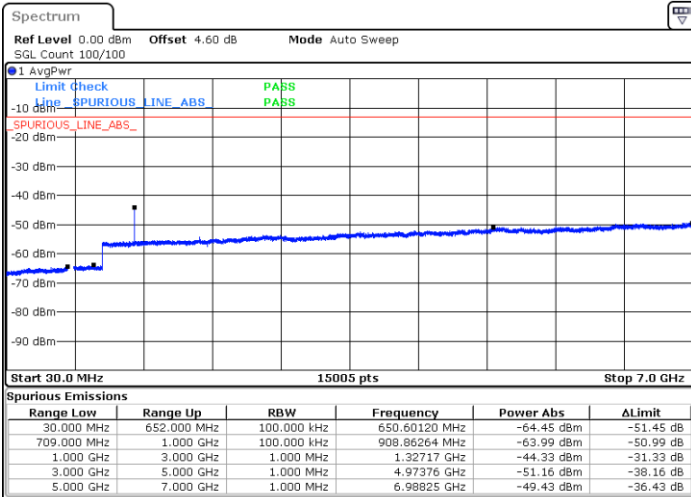


# Conducted Spurious Emission

## LTE Band 71 / 5MHz

### Lowest Channel / QPSK

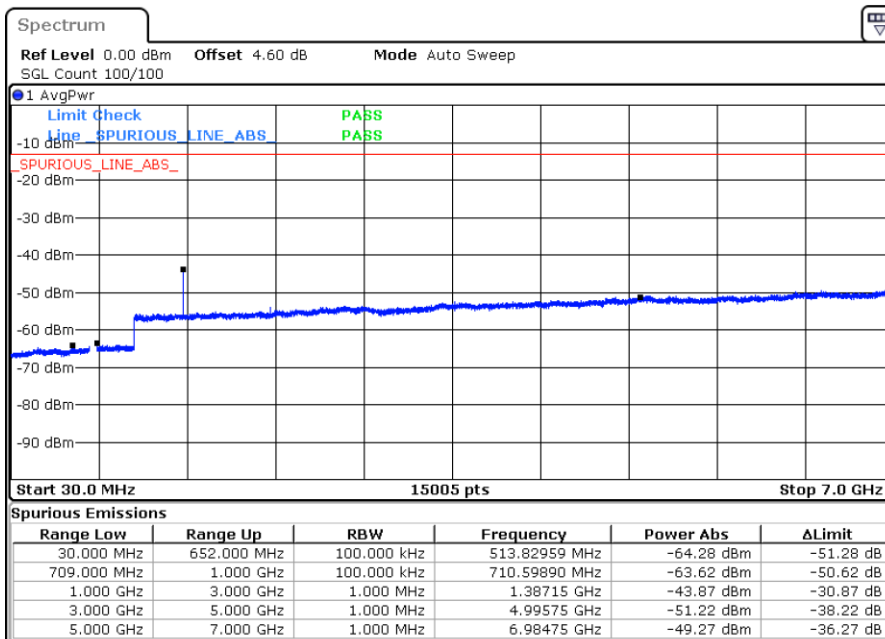
### Middle Channel / QPSK



Date: 5 JUL 2022 12:27:42

Date: 5 JUL 2022 12:35:23

### Highest Channel / QPSK



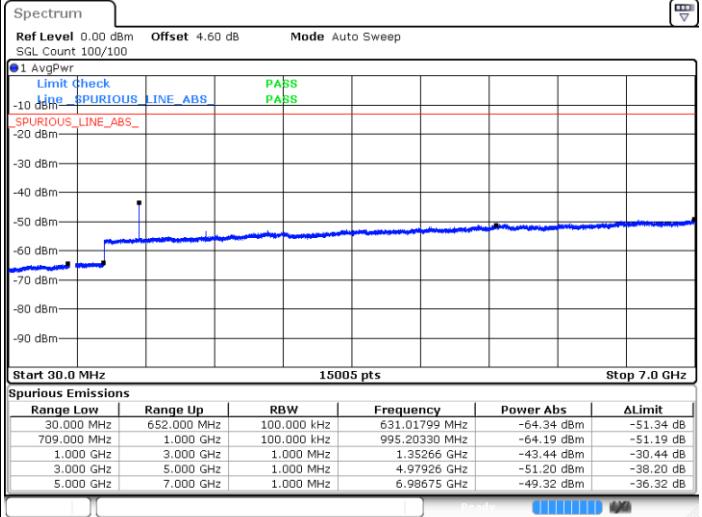
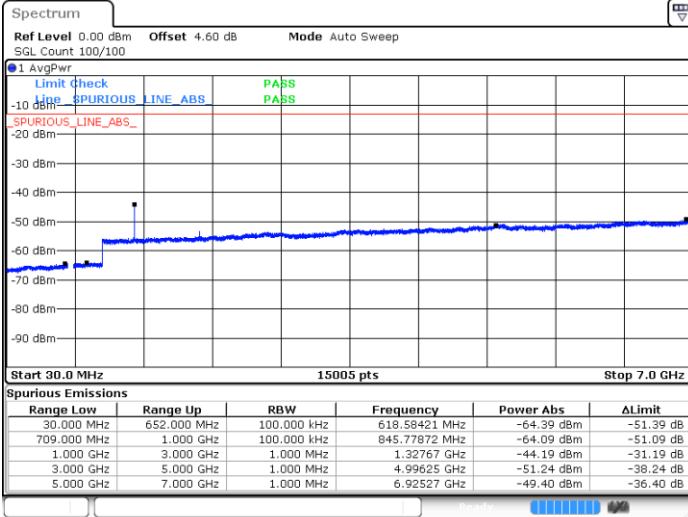
Date: 5 JUL 2022 12:36:12



LTE Band 71 / 10MHz

Lowest Channel / QPSK

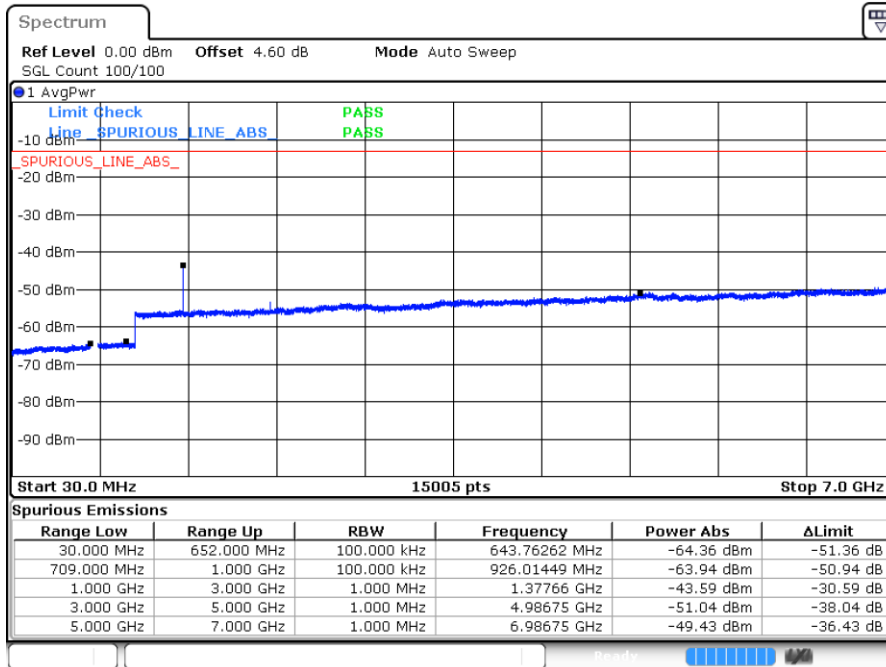
Middle Channel / QPSK



Date: 5 JUL 2022 12:42:12

Date: 5 JUL 2022 12:47:50

Highest Channel / QPSK



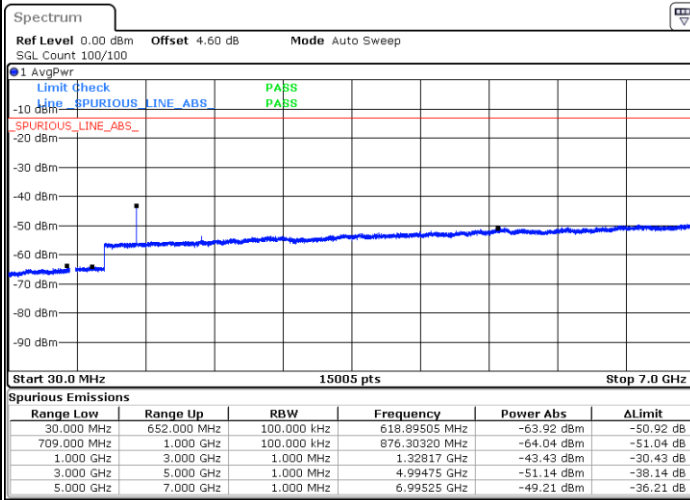
Date: 5 JUL 2022 12:48:39



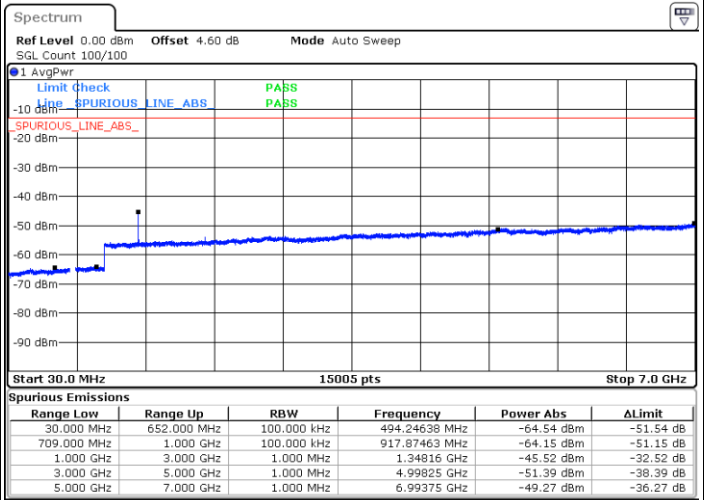
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

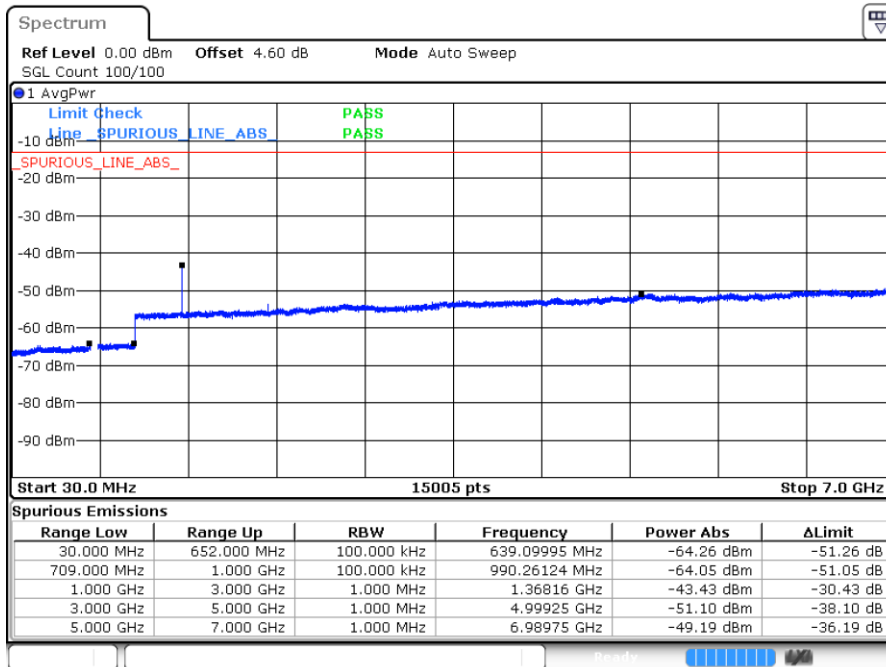


Date: 5 JUL 2022 13:10:34



Date: 5 JUL 2022 13:16:43

Highest Channel / QPSK



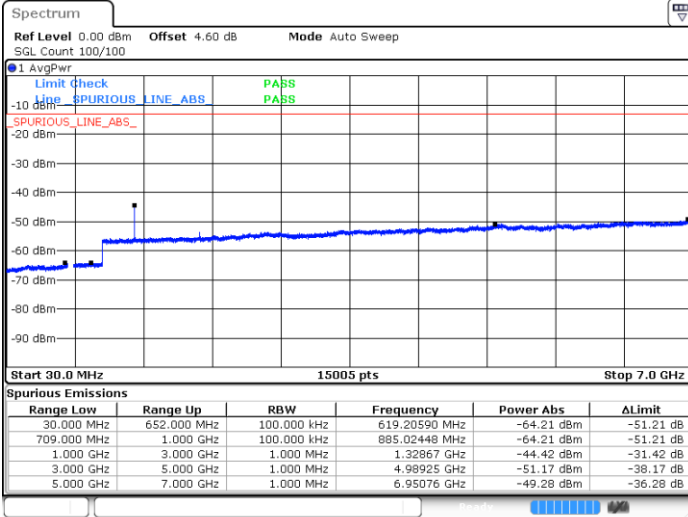
Date: 5 JUL 2022 13:17:37



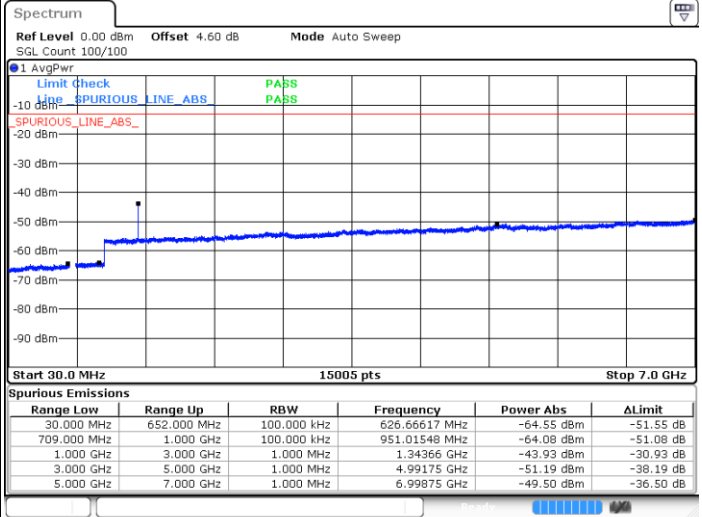
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

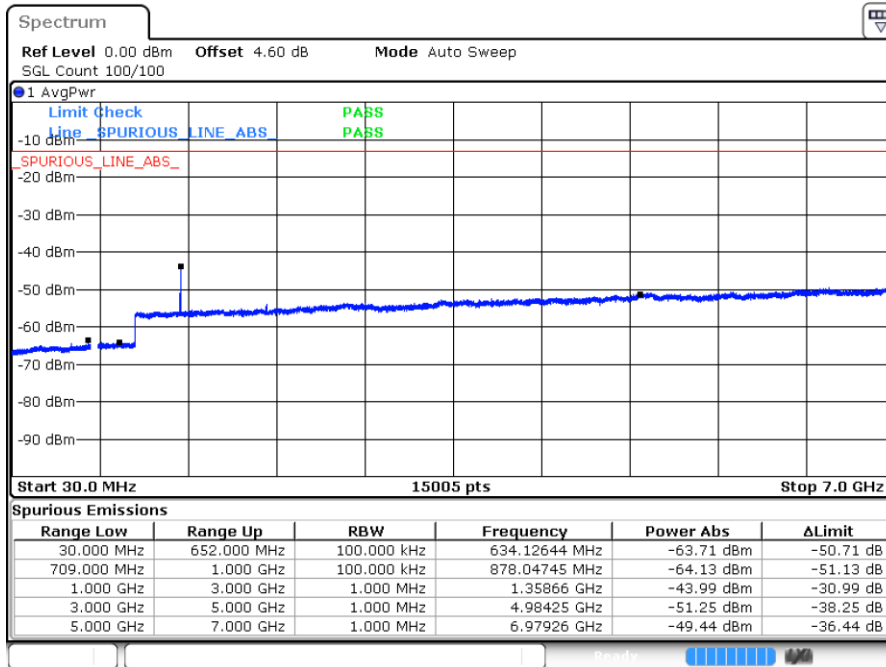


Date: 5 JUL 2022 13:23:25



Date: 5 JUL 2022 13:29:11

Highest Channel / QPSK



Date: 5 JUL 2022 13:29:49



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.