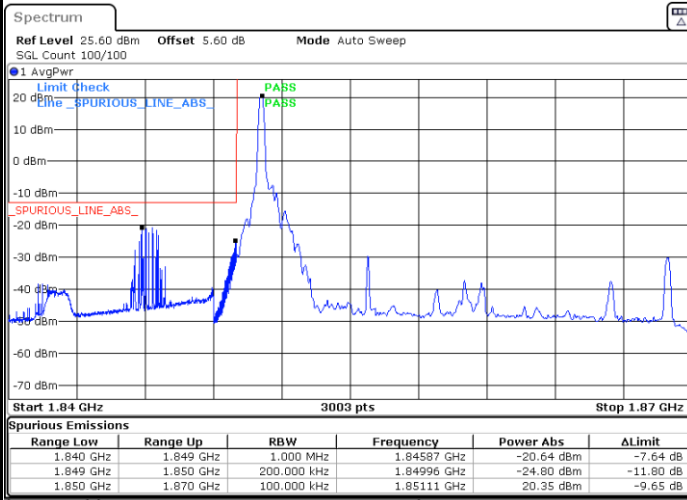




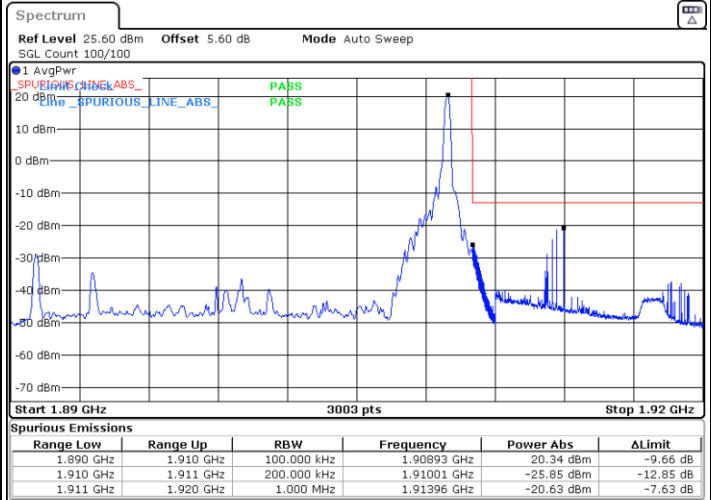
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



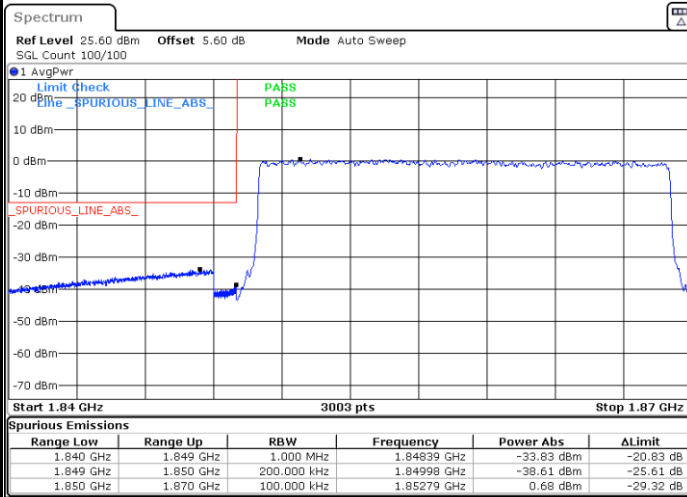
Date: 10.OCT.2022 02:16:58

Highest Band Edge / 1 RB



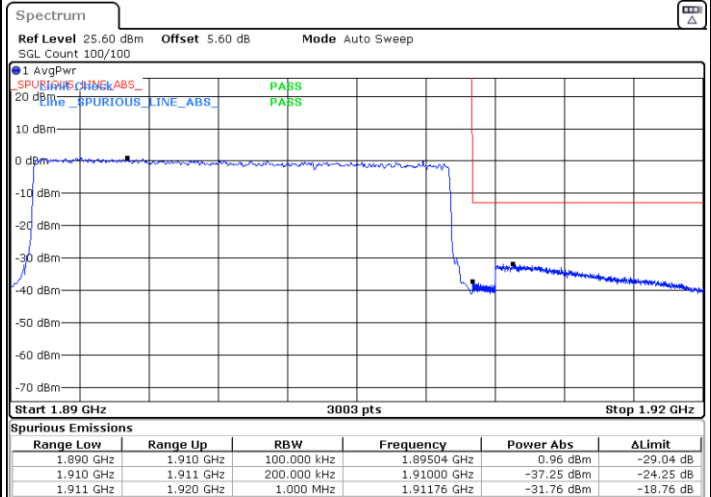
Date: 10.OCT.2022 02:39:02

Lowest Band Edge / Full RB



Date: 10.OCT.2022 02:30:27

Highest Band Edge / Full RB

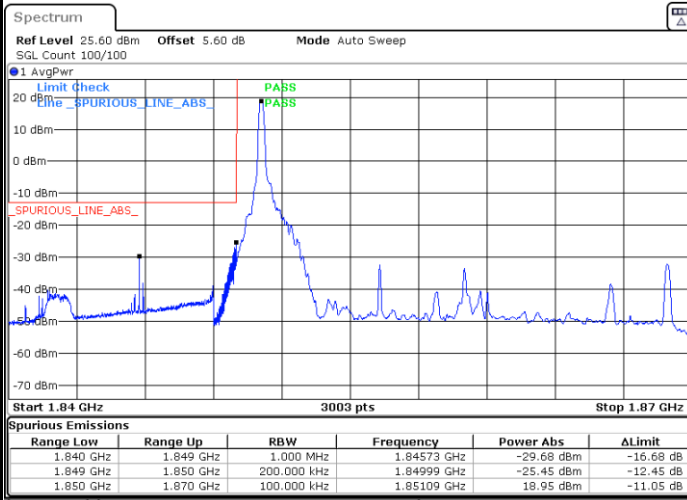


Date: 10.OCT.2022 02:44:49



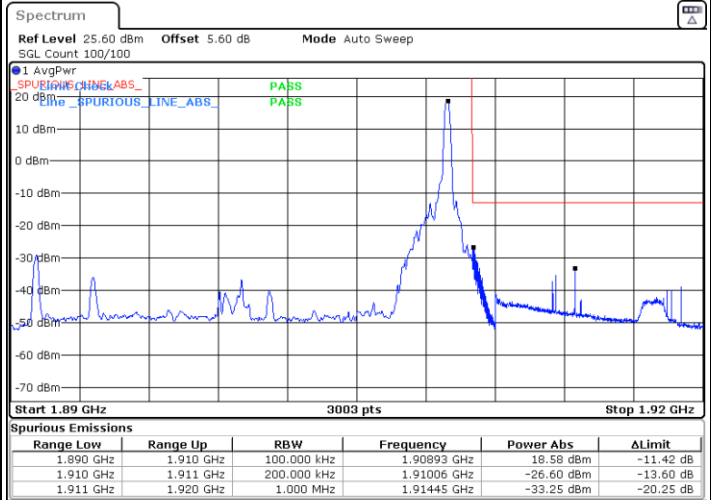
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



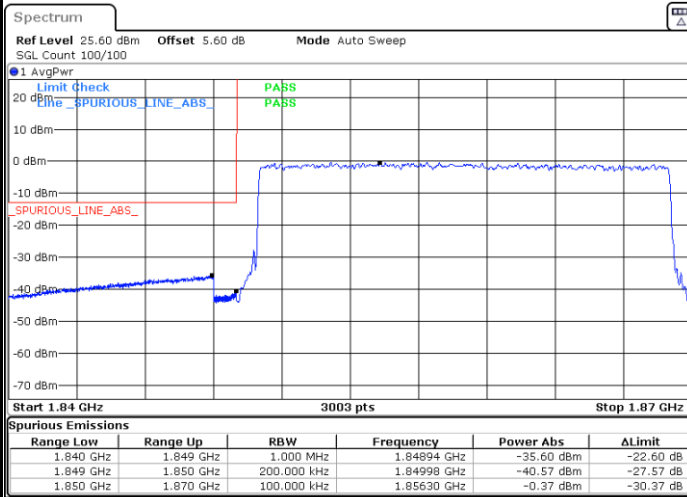
Date: 10.OCT.2022 02:18:21

Highest Band Edge / 1 RB



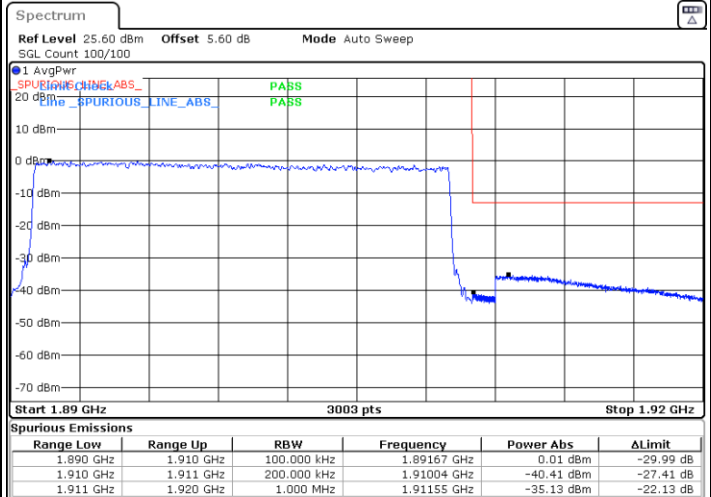
Date: 10.OCT.2022 02:40:24

Lowest Band Edge / Full RB



Date: 10.OCT.2022 02:31:49

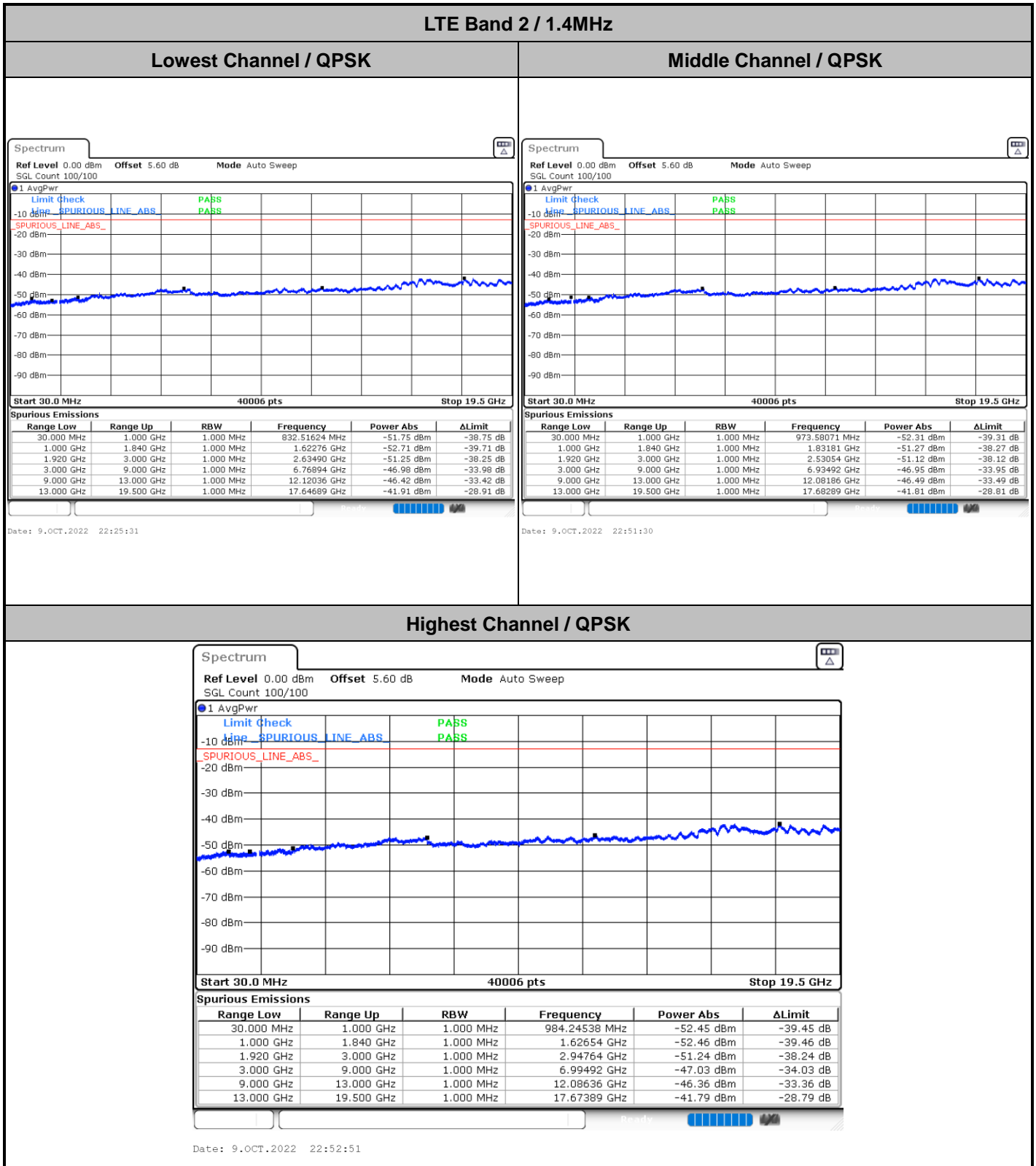
Highest Band Edge / Full RB



Date: 10.OCT.2022 02:46:12



# Conducted Spurious Emission

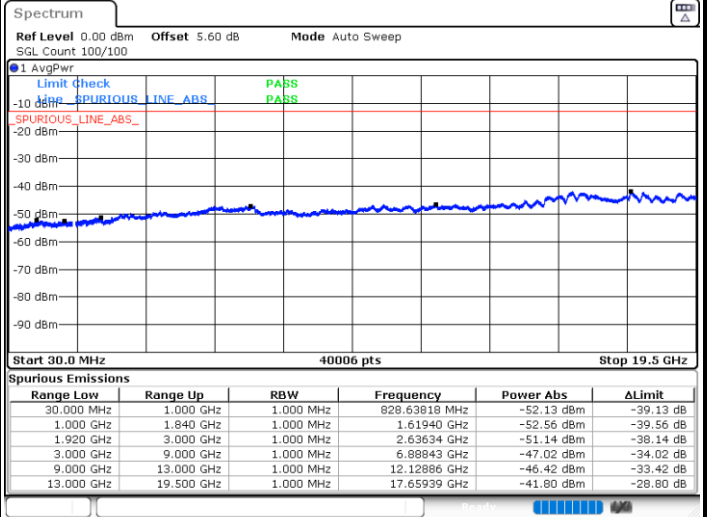
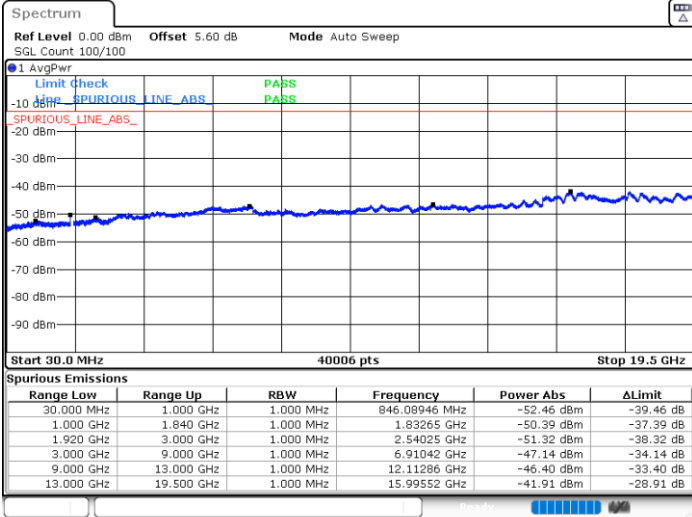




LTE Band 2 / 3MHz

Lowest Channel / QPSK

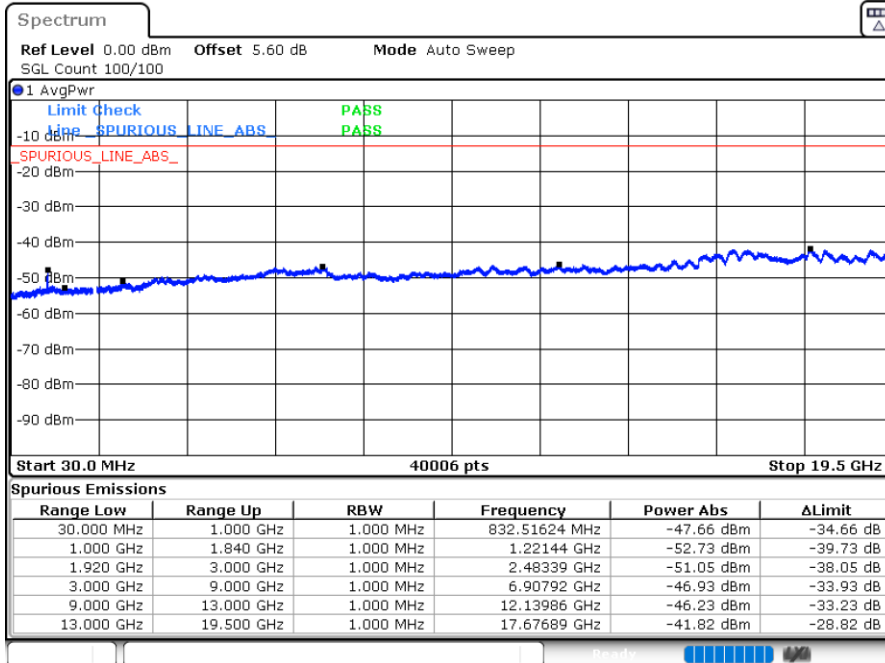
Middle Channel / QPSK



Date: 9.OCT.2022 23:11:52

Date: 9.OCT.2022 23:27:45

Highest Channel / QPSK

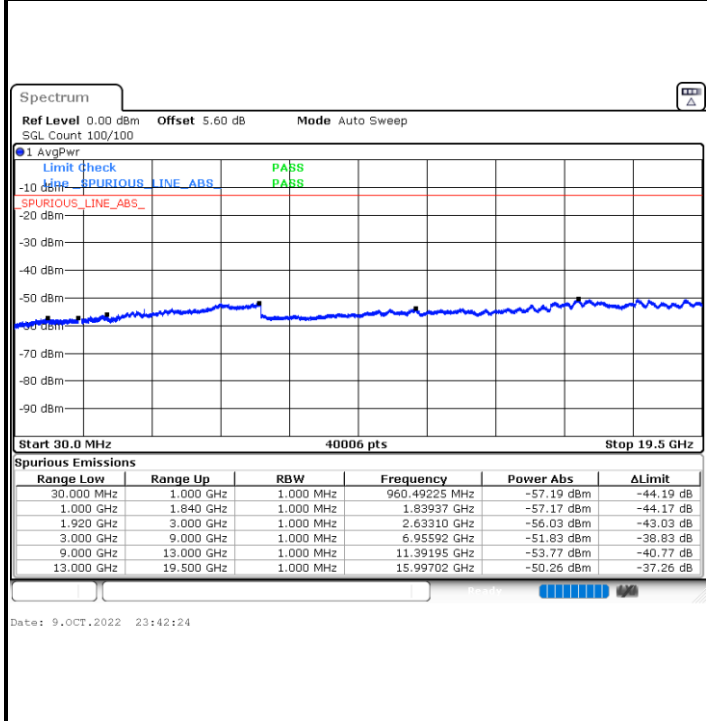


Date: 9.OCT.2022 23:29:07

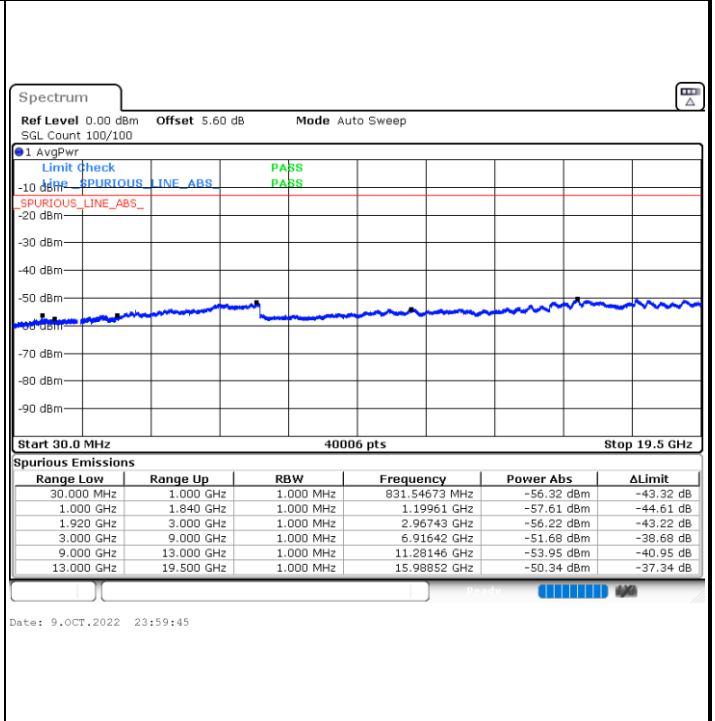


**LTE Band 2 / 5MHz**

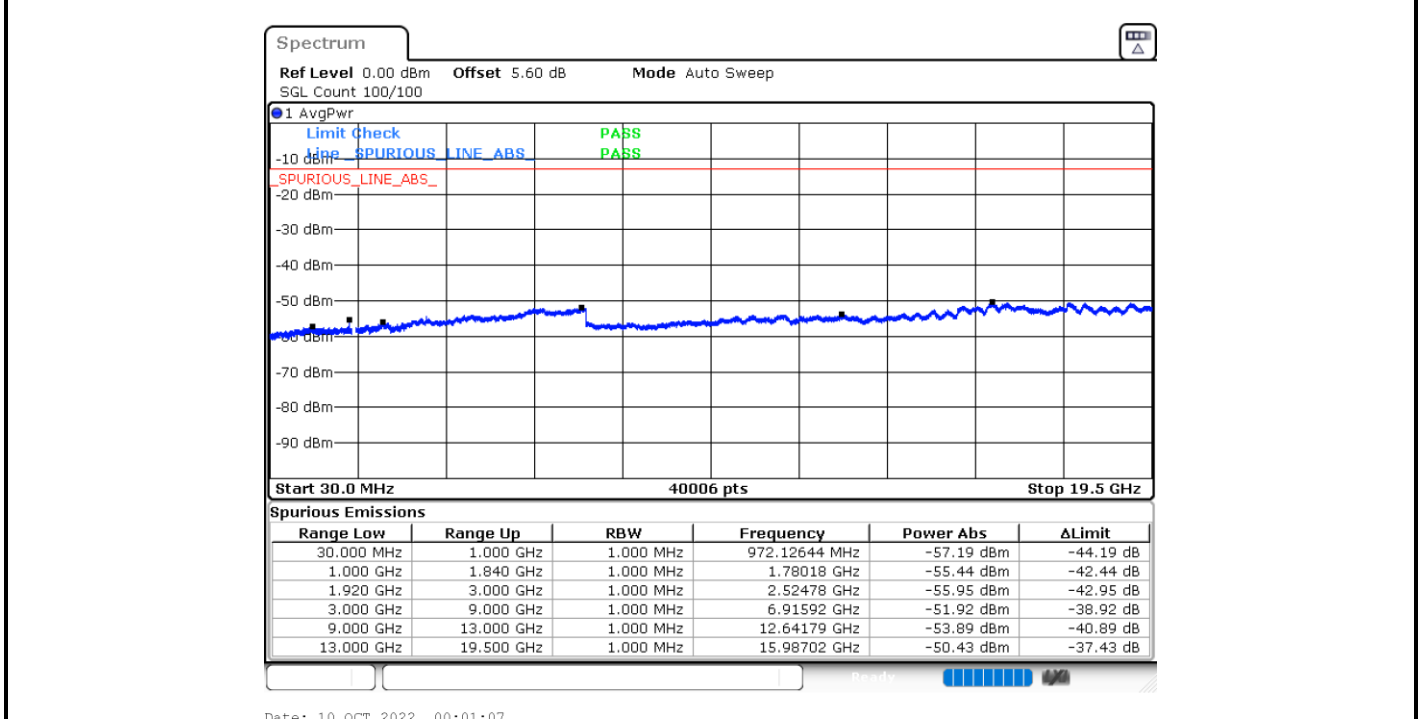
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

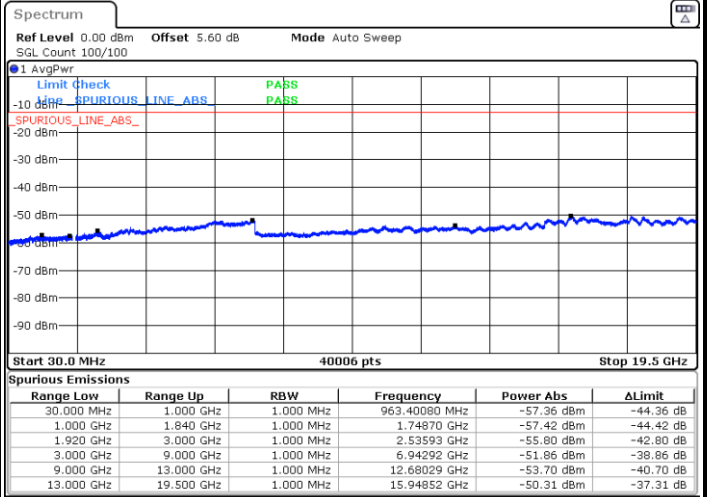
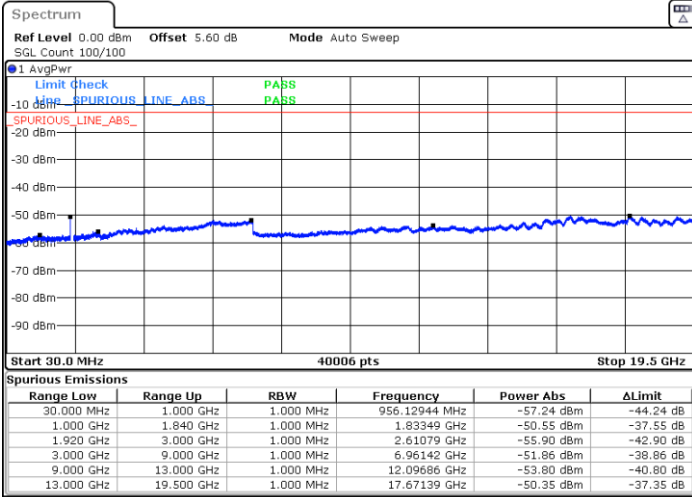




LTE Band 2 / 10MHz

Lowest Channel / QPSK

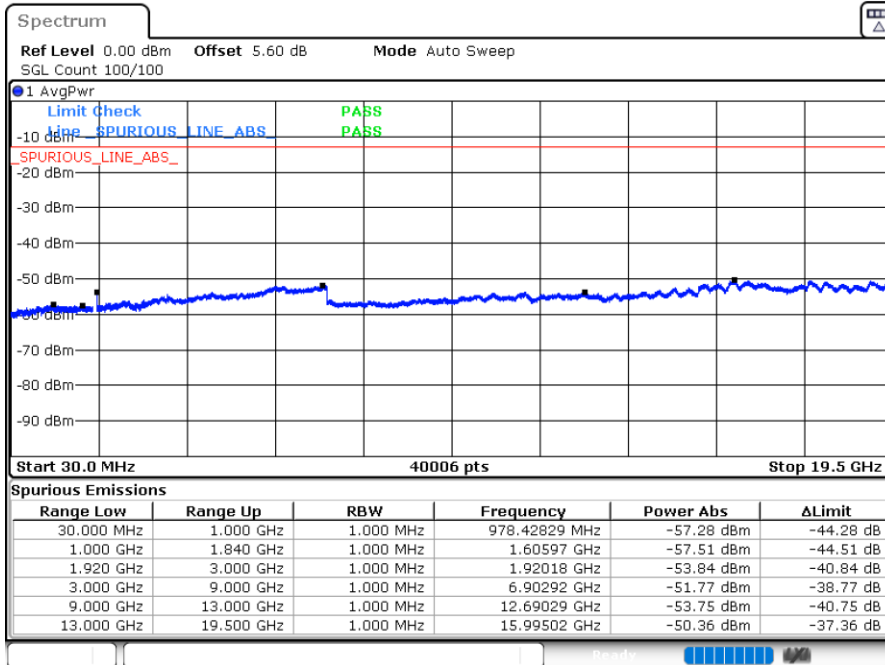
Middle Channel / QPSK



Date: 10.OCT.2022 00:14:48

Date: 10.OCT.2022 00:27:56

Highest Channel / QPSK



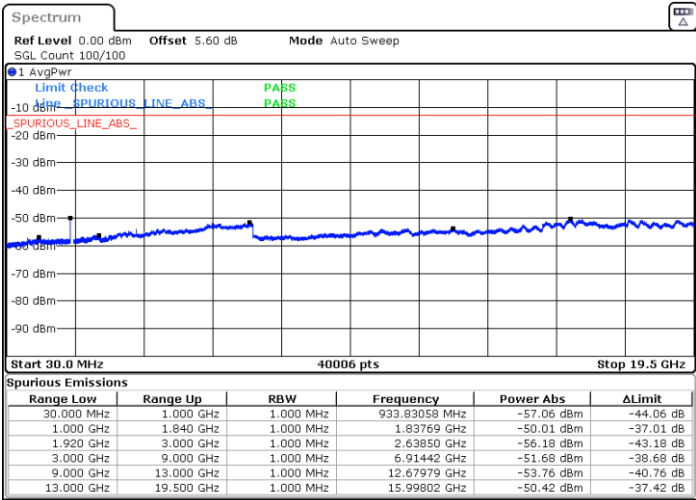
Date: 10.OCT.2022 00:29:19



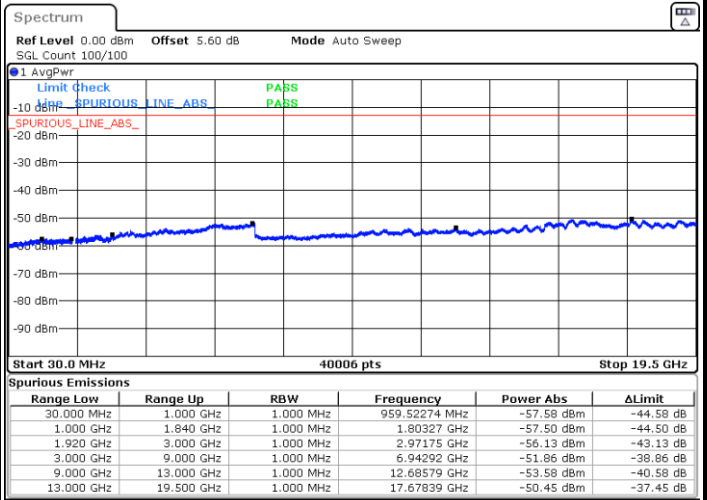
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

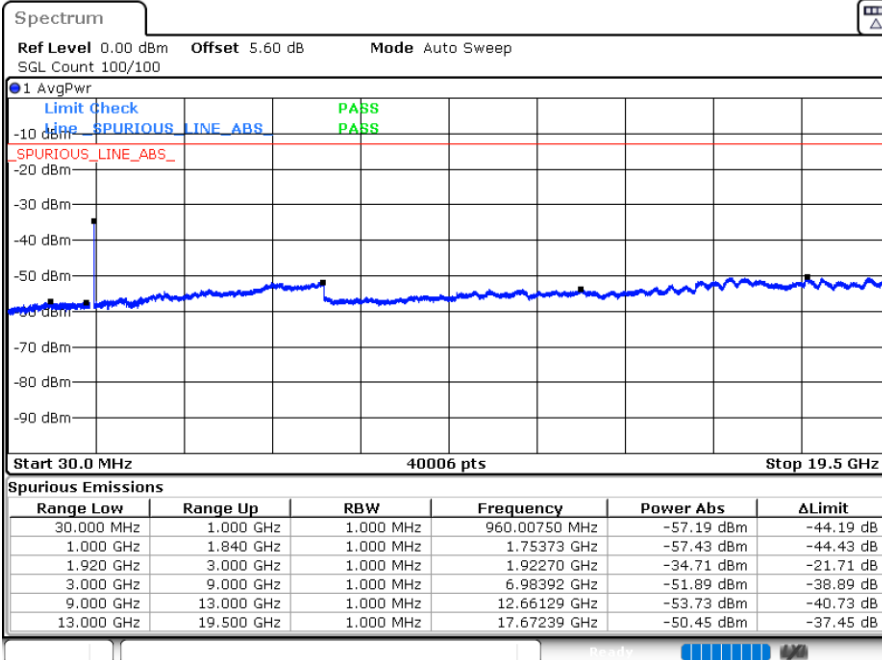


Date: 10.OCT.2022 00:47:58



Date: 10.OCT.2022 01:55:46

Highest Channel / QPSK

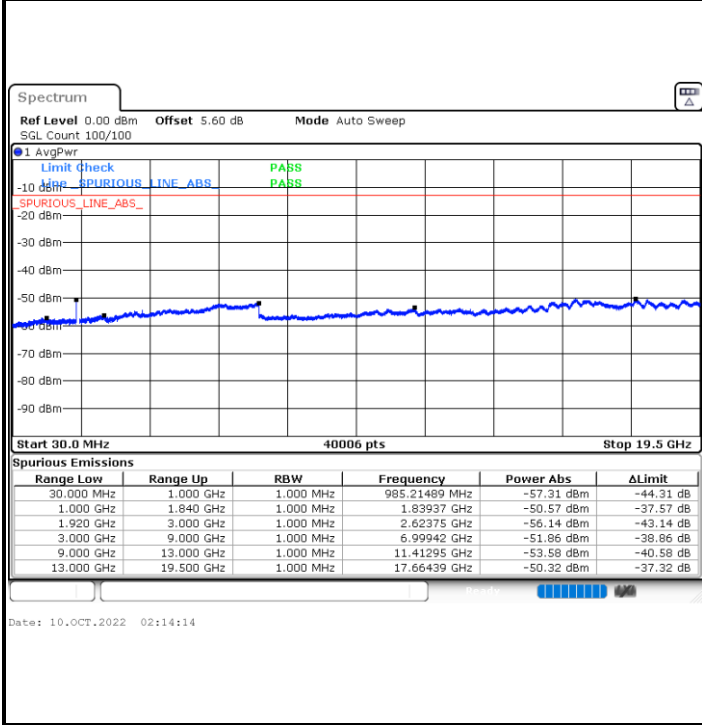


Date: 10.OCT.2022 01:57:08

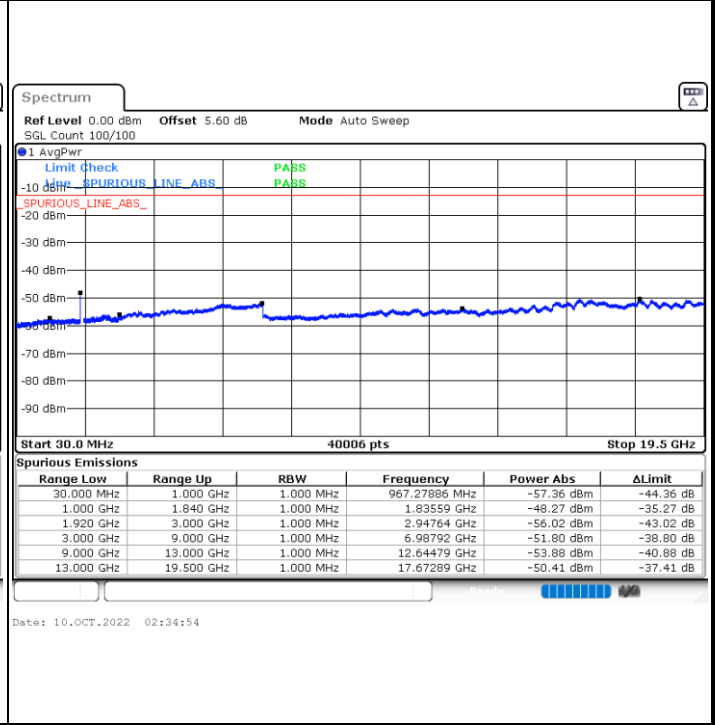


**LTE Band 2 / 20MHz**

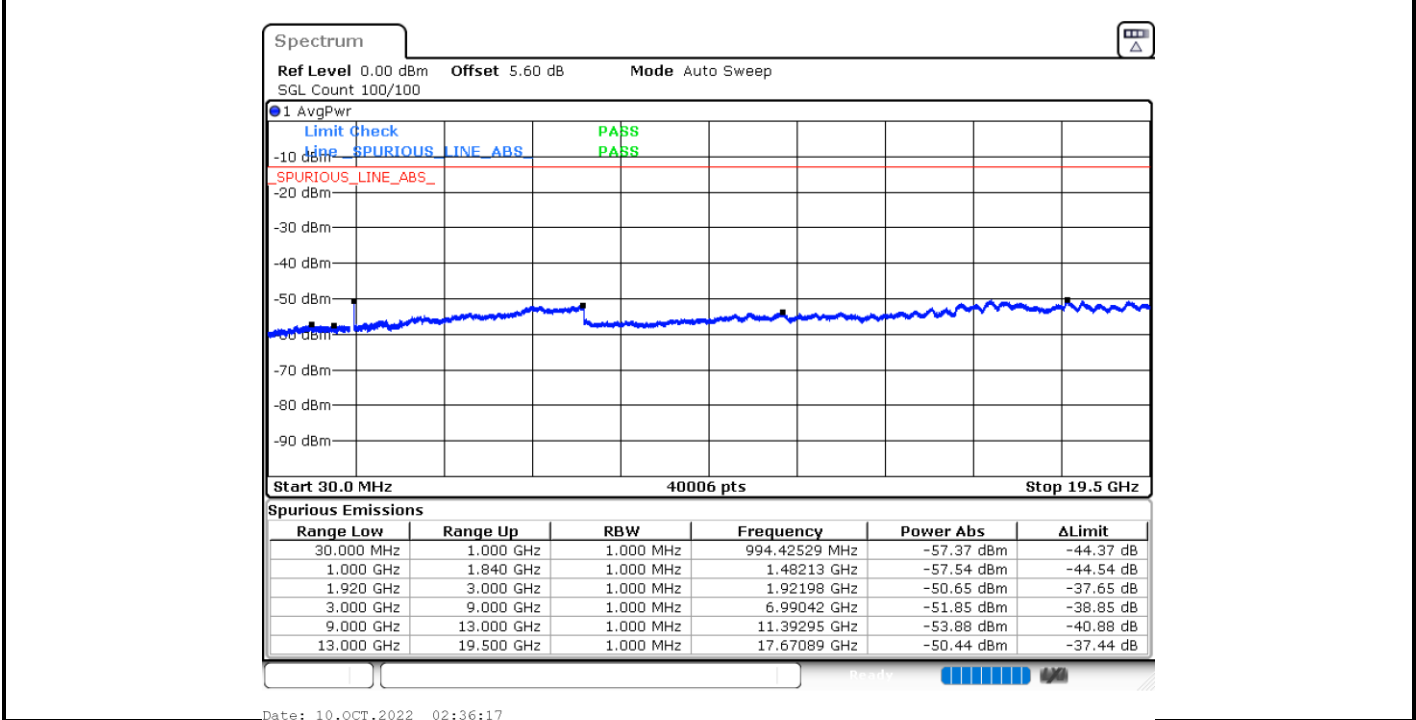
**Lowest Channel / QPSK**



**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	0.0026	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0019	

**Note:**

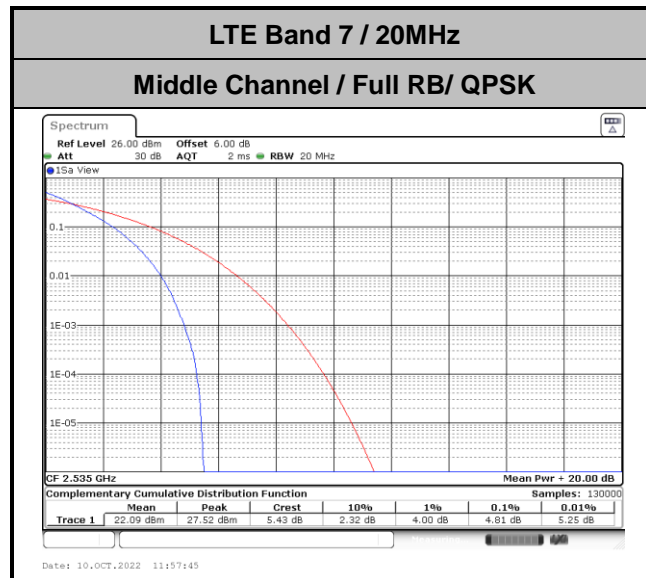
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

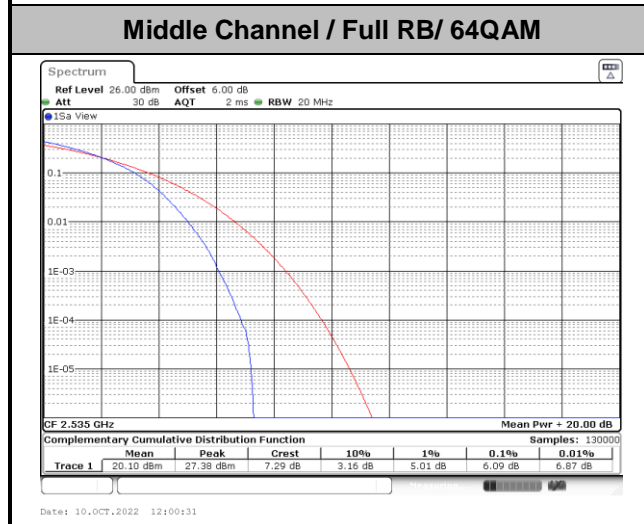
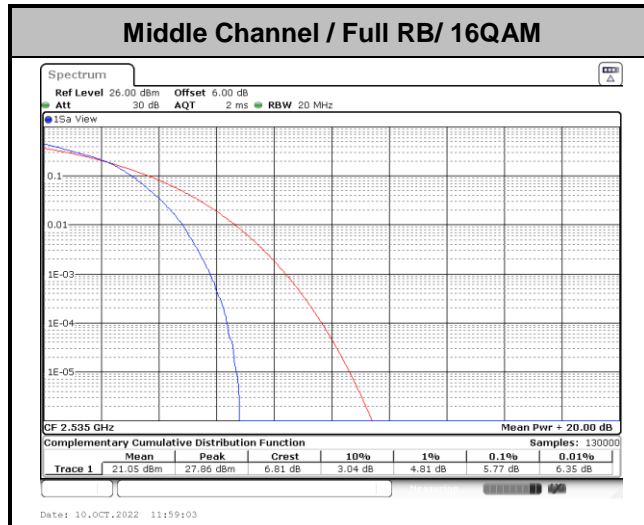


# LTE Band 7

## Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.81	5.77	6.09	PASS

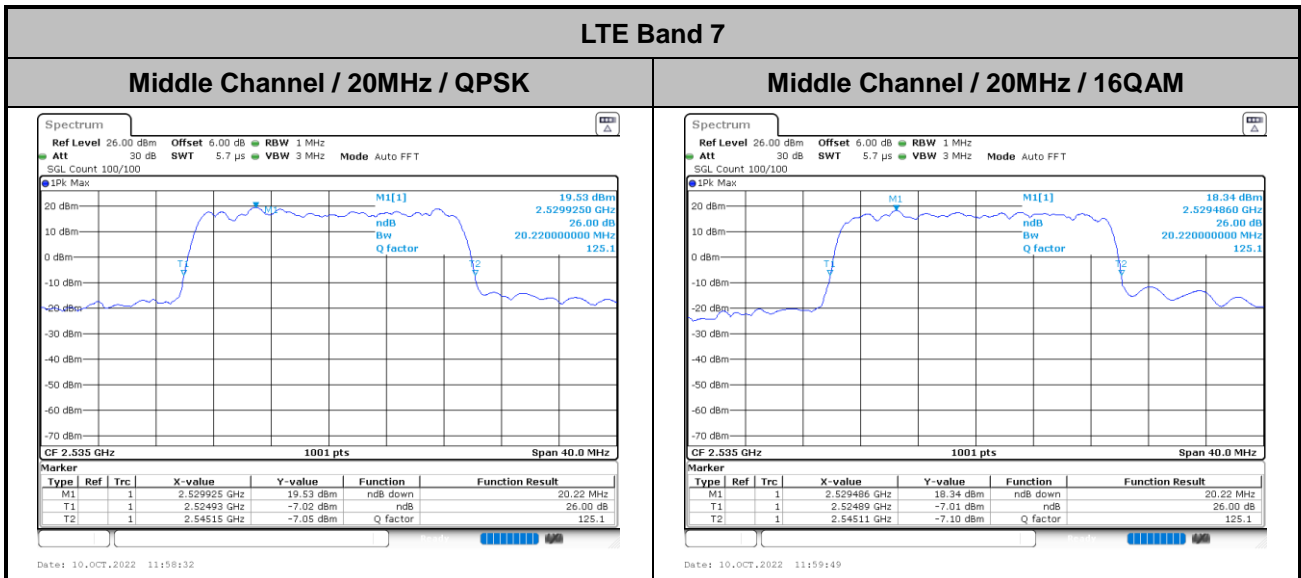






## 26dB Bandwidth

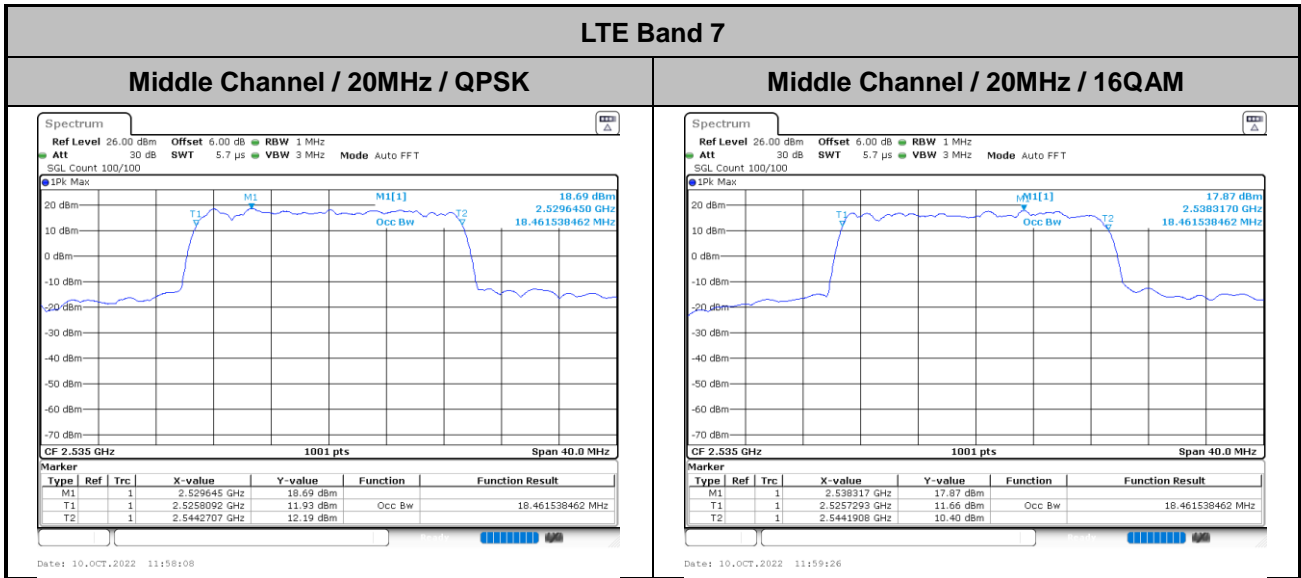
Mode	LTE Band 7 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.22	20.22





# Occupied Bandwidth

<b>Mode</b>	<b>LTE Band 7 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.46	18.46

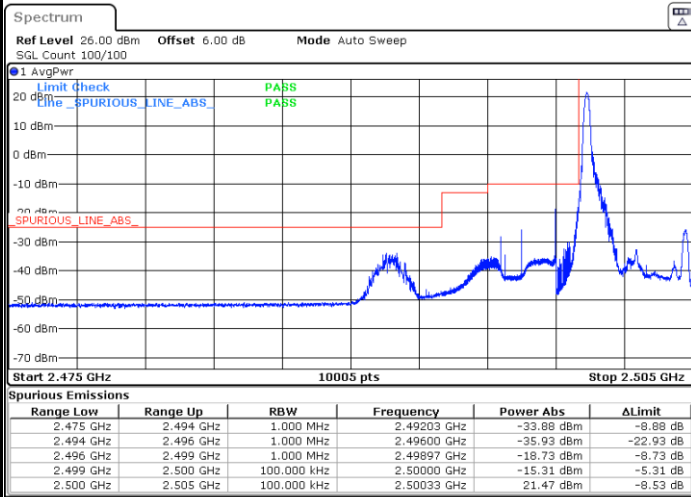




# Conducted Band Edge

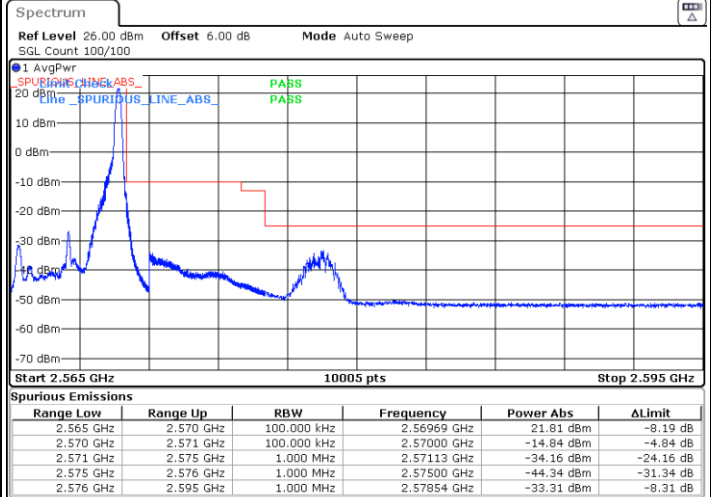
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



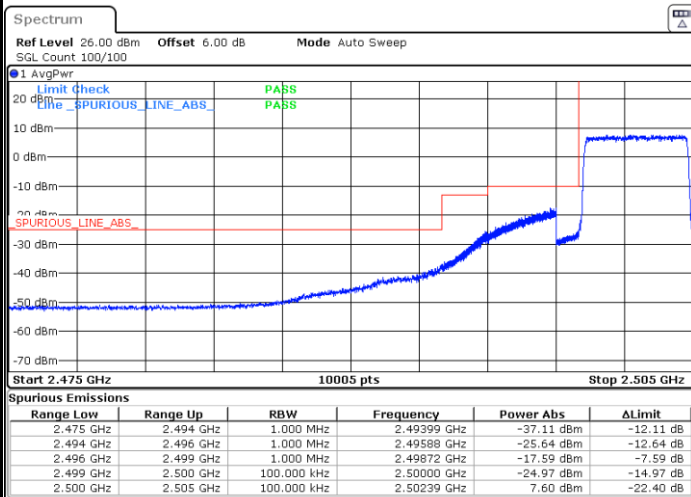
Date: 10.OCT.2022 10:22:20

### Highest Band Edge / 1 RB



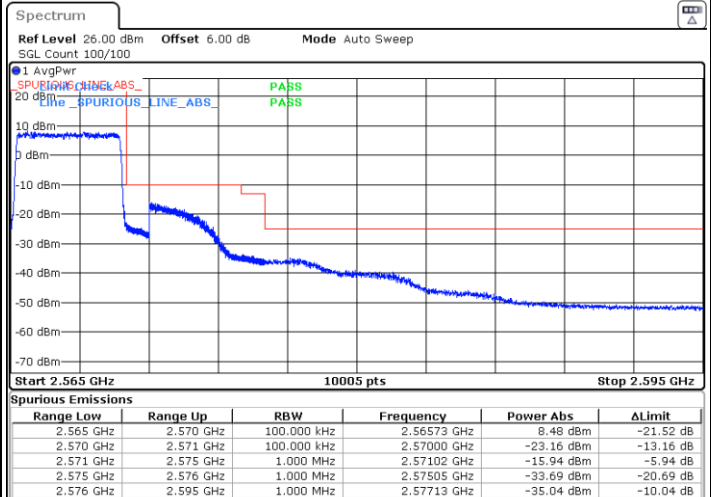
Date: 10.OCT.2022 10:33:16

### Lowest Band Edge / Full RB



Date: 10.OCT.2022 10:29:13

### Highest Band Edge / Full RB

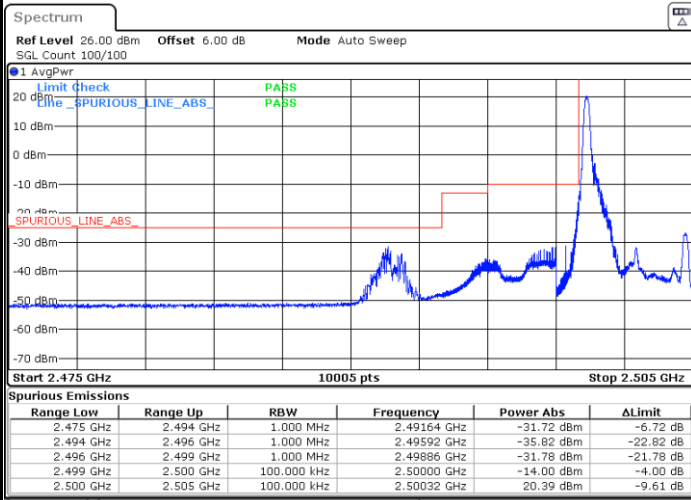


Date: 10.OCT.2022 10:40:08



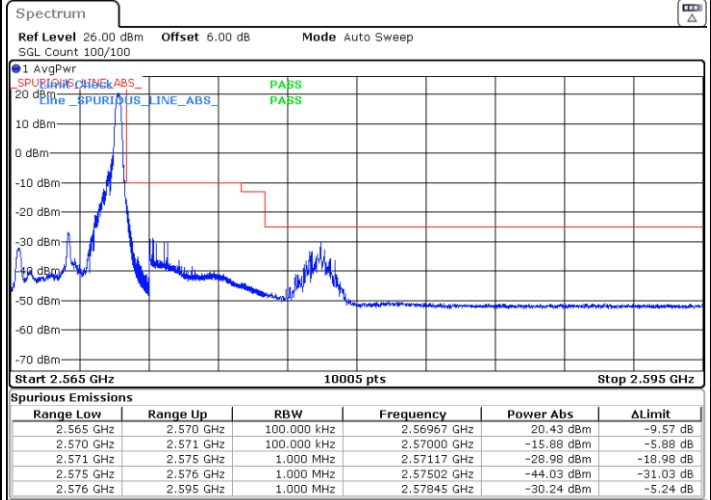
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



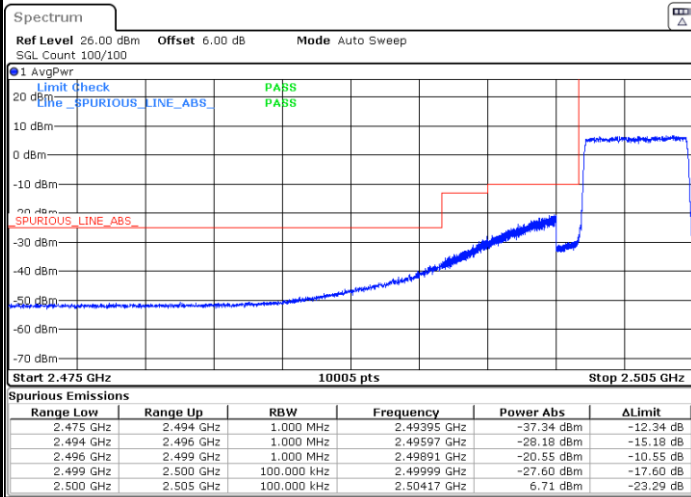
Date: 10.OCT.2022 10:23:44

Highest Band Edge / 1 RB



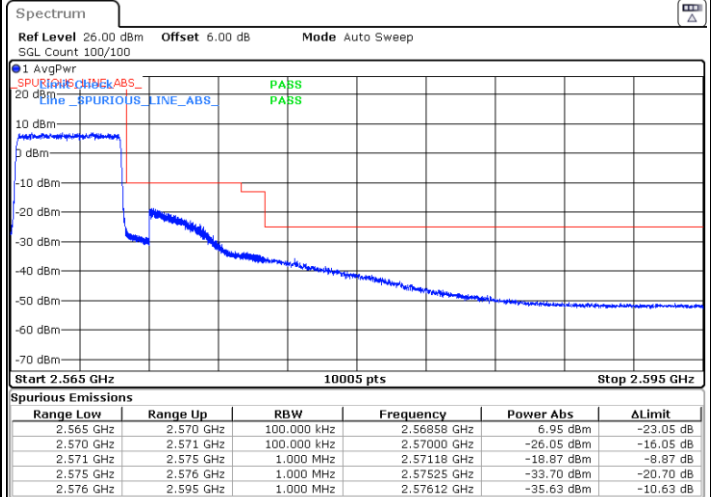
Date: 10.OCT.2022 10:34:38

Lowest Band Edge / Full RB



Date: 10.OCT.2022 10:27:50

Highest Band Edge / Full RB

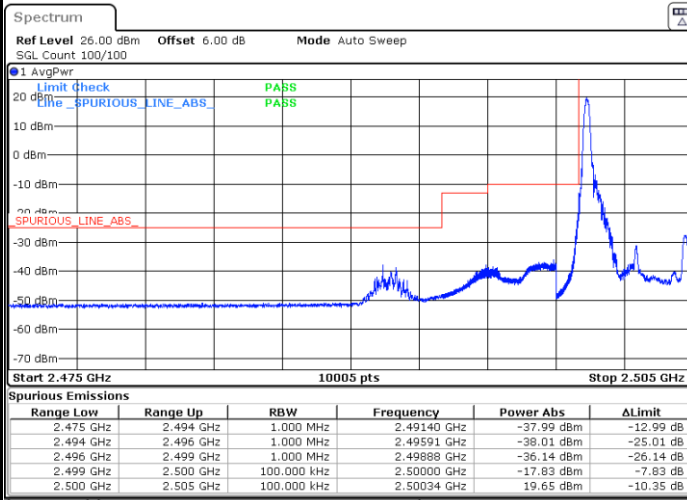


Date: 10.OCT.2022 10:38:45



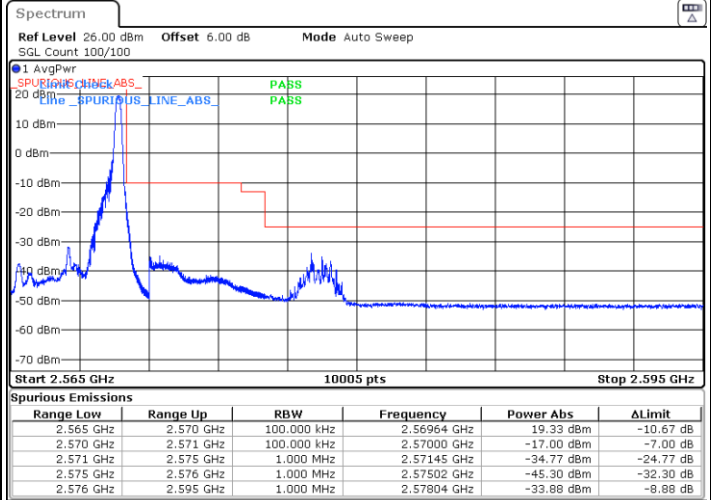
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



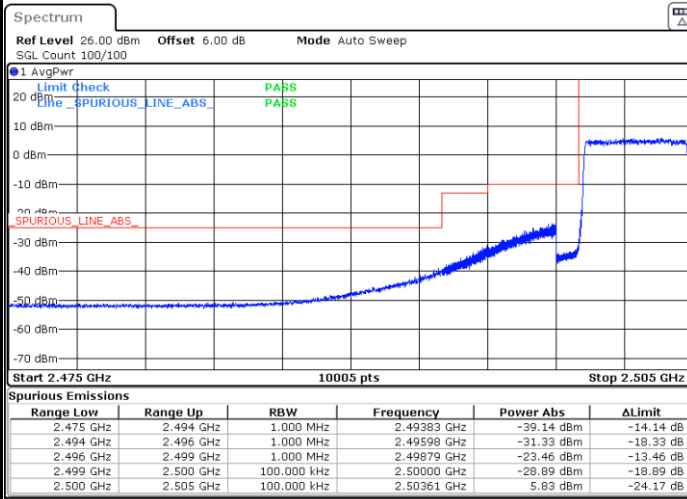
Date: 10.OCT.2022 10:25:06

Highest Band Edge / 1 RB



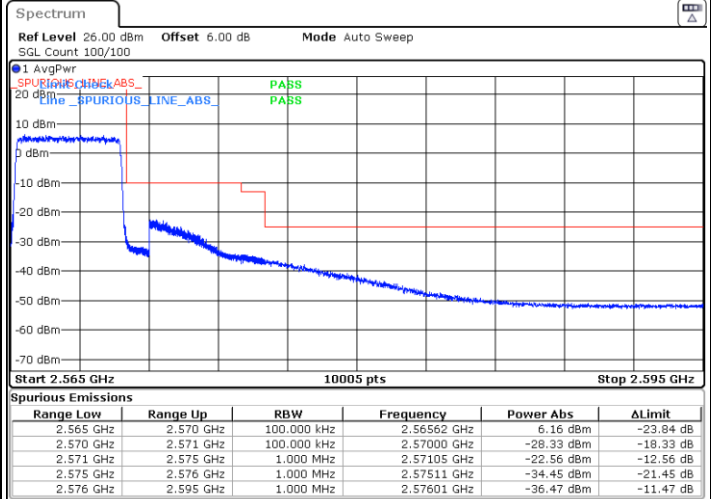
Date: 10.OCT.2022 10:36:01

Lowest Band Edge / Full RB



Date: 10.OCT.2022 10:26:28

Highest Band Edge / Full RB



Date: 10.OCT.2022 10:37:23

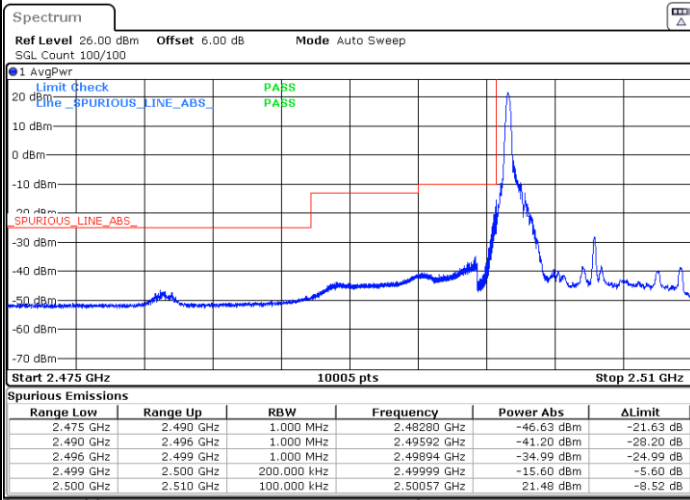




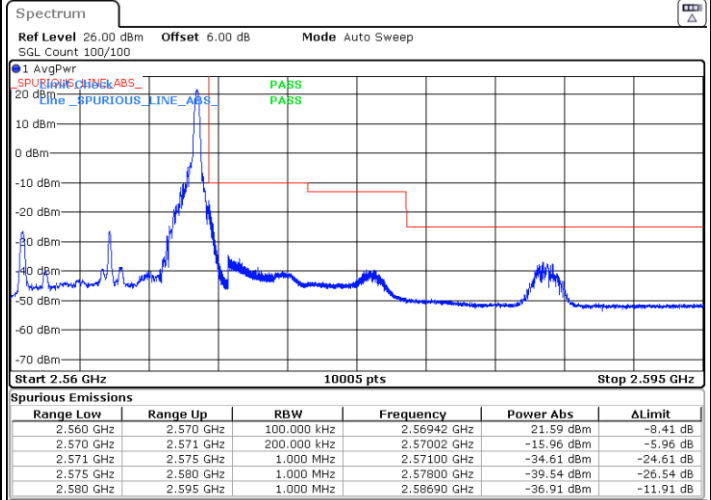
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



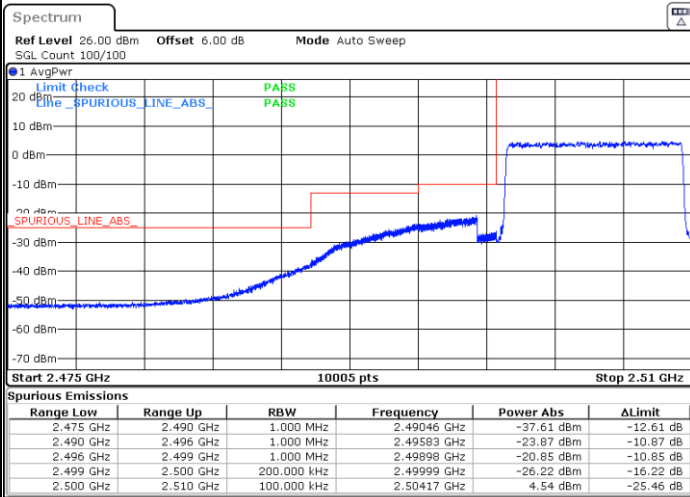
Date: 10.OCT.2022 10:42:54



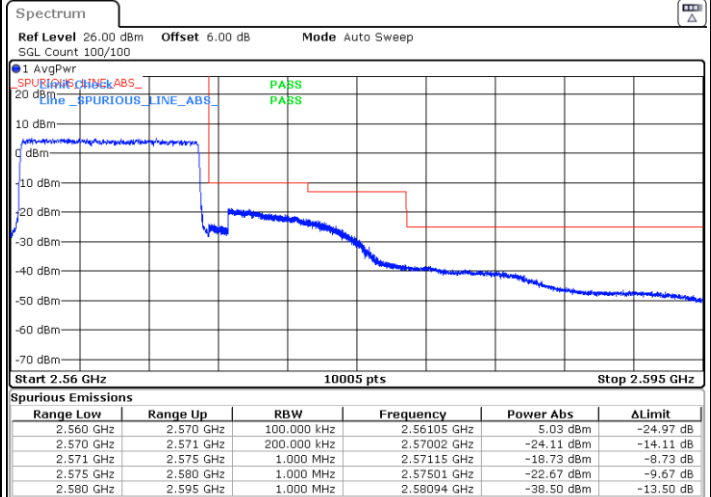
Date: 10.OCT.2022 10:53:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.OCT.2022 10:49:47

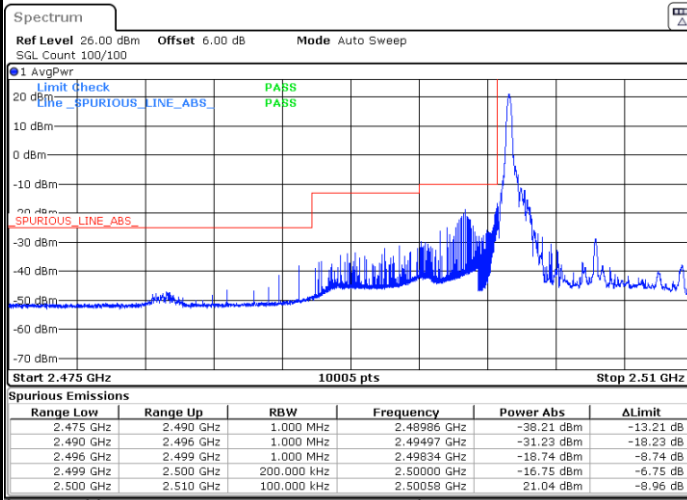


Date: 10.OCT.2022 11:00:42



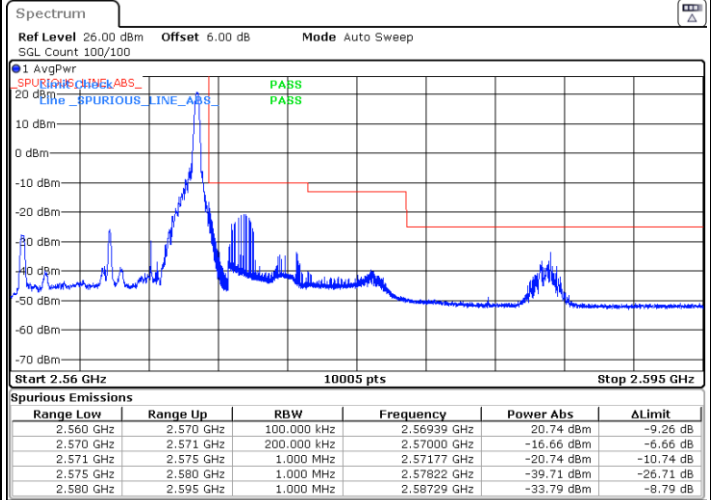
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



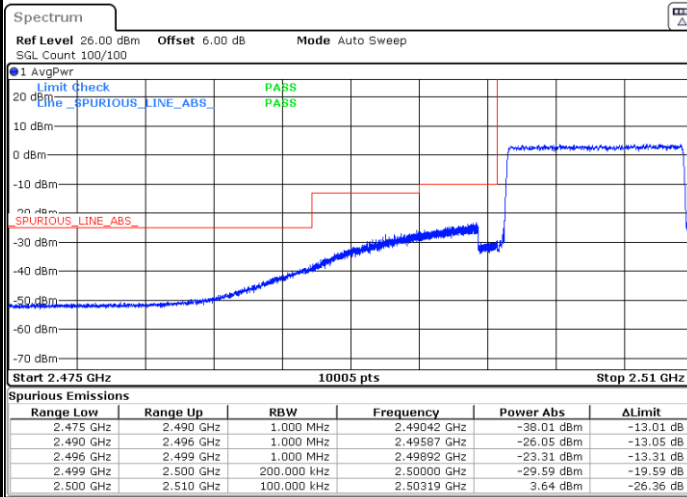
Date: 10.OCT.2022 10:44:17

Highest Band Edge / 1 RB



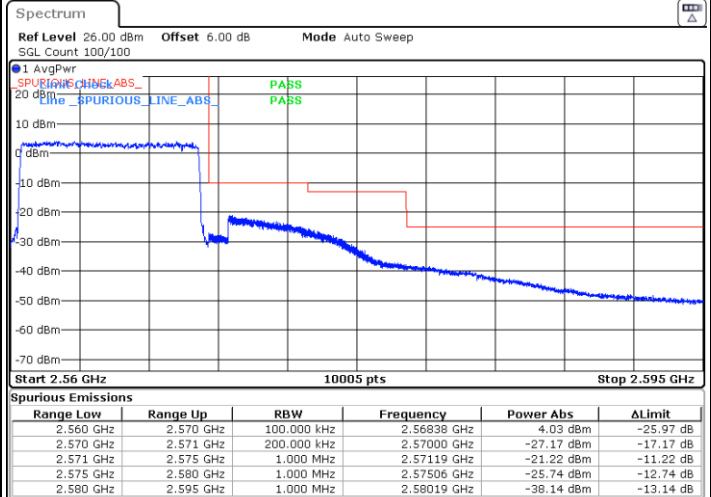
Date: 10.OCT.2022 10:55:12

Lowest Band Edge / Full RB



Date: 10.OCT.2022 10:48:23

Highest Band Edge / Full RB



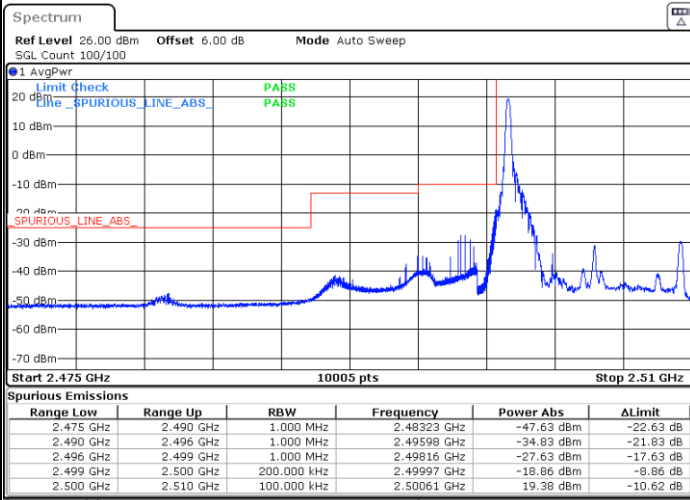
Date: 10.OCT.2022 10:59:20



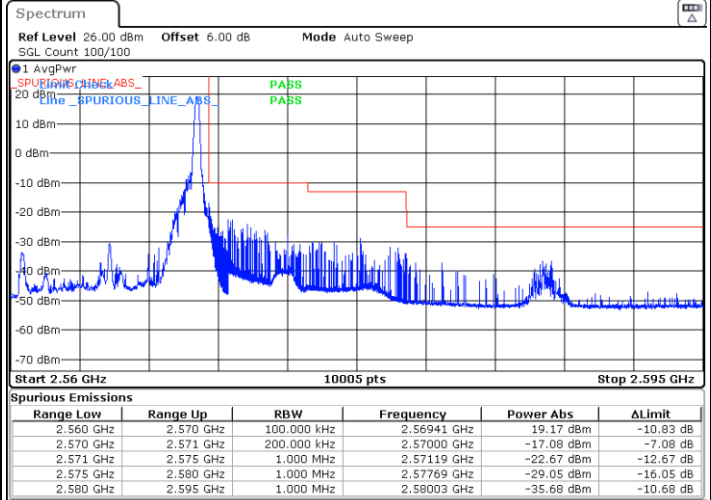
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



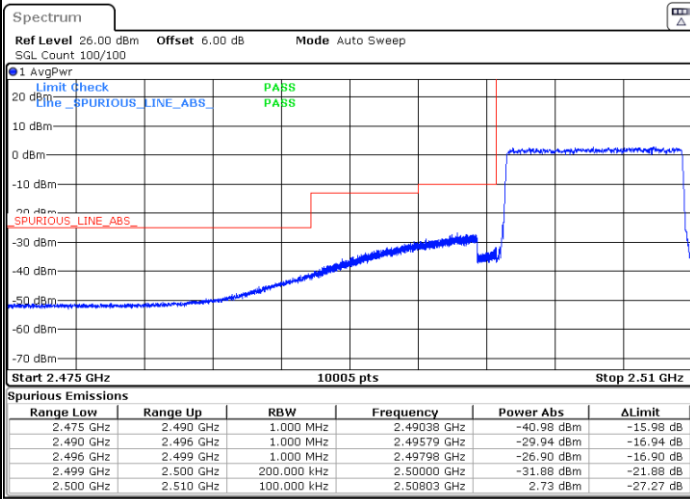
Date: 10.OCT.2022 10:45:39



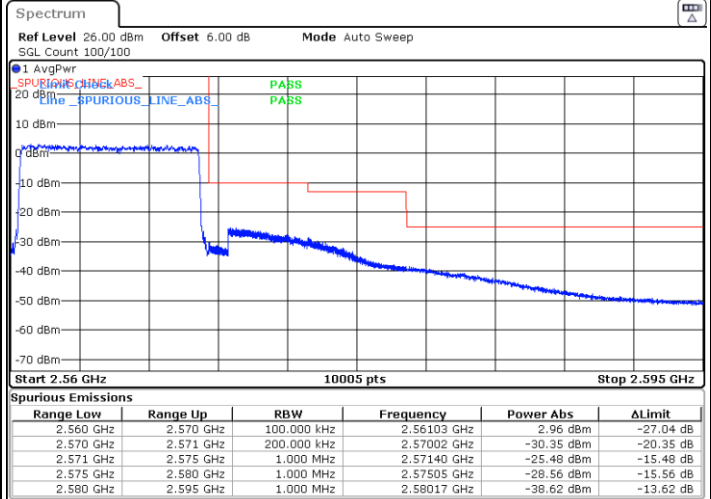
Date: 10.OCT.2022 10:56:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.OCT.2022 10:47:01

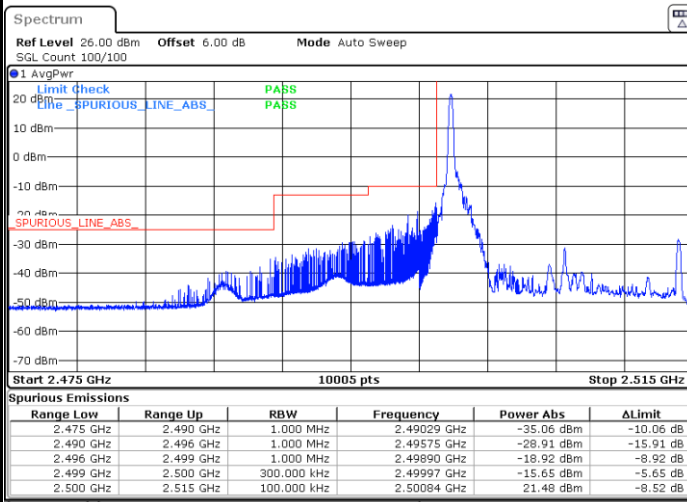


Date: 10.OCT.2022 10:57:56



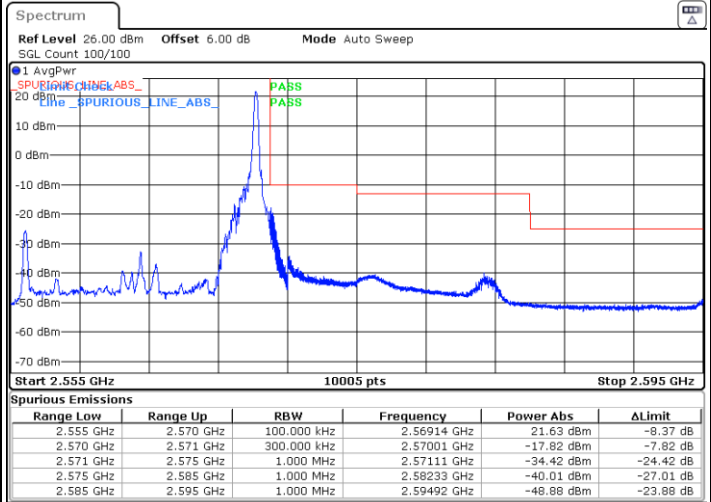
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



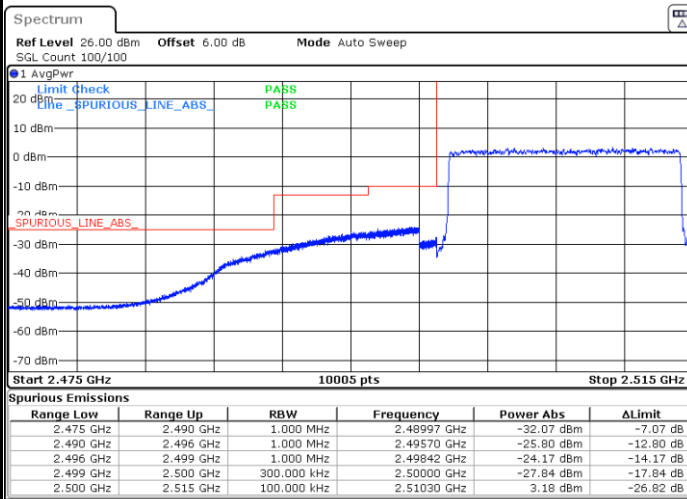
Date: 10.OCT.2022 11:03:25

Highest Band Edge / 1 RB



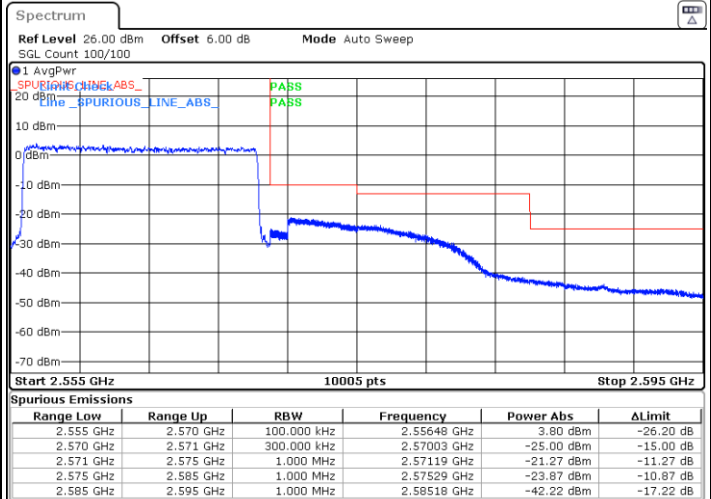
Date: 10.OCT.2022 11:14:22

Lowest Band Edge / Full RB



Date: 10.OCT.2022 11:10:20

Highest Band Edge / Full RB

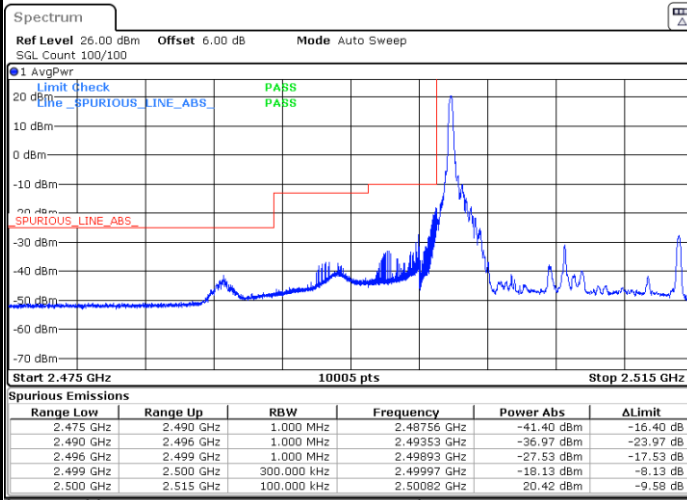


Date: 10.OCT.2022 11:21:17



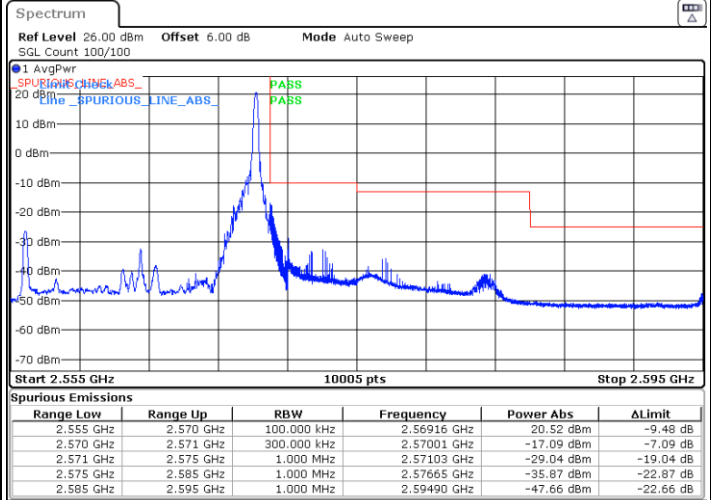
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



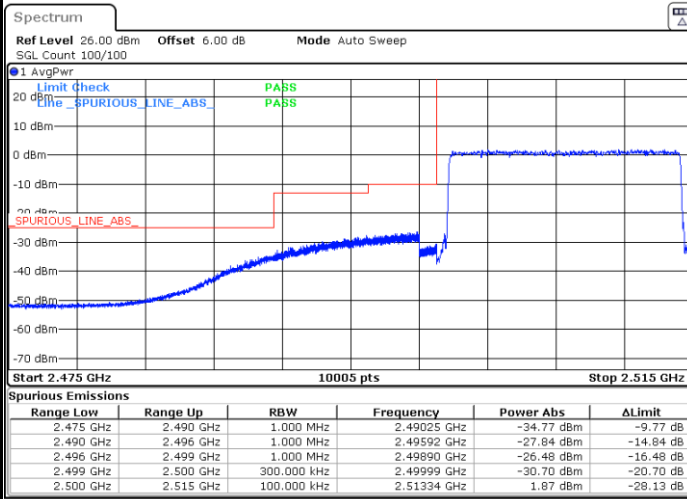
Date: 10.OCT.2022 11:04:49

Highest Band Edge / 1 RB



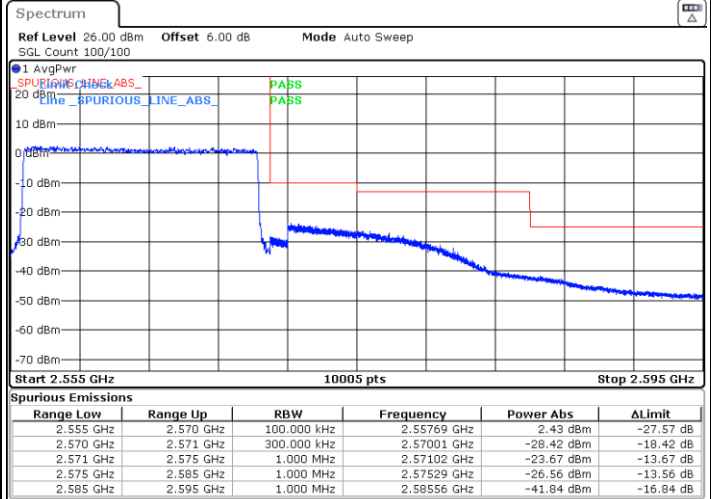
Date: 10.OCT.2022 11:15:45

Lowest Band Edge / Full RB



Date: 10.OCT.2022 11:08:58

Highest Band Edge / Full RB

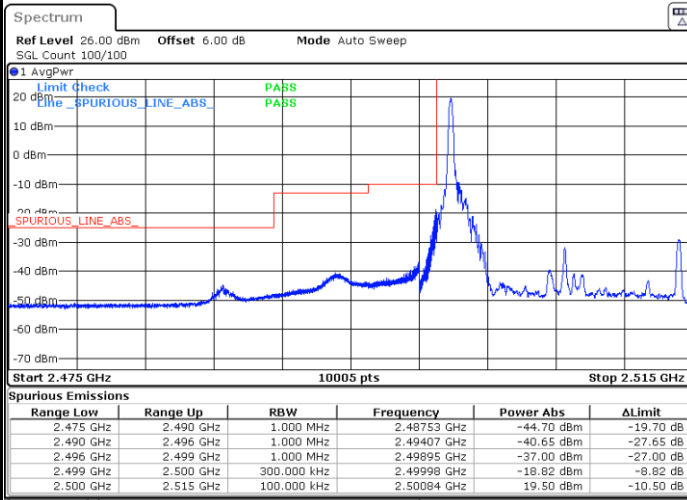


Date: 10.OCT.2022 11:19:54



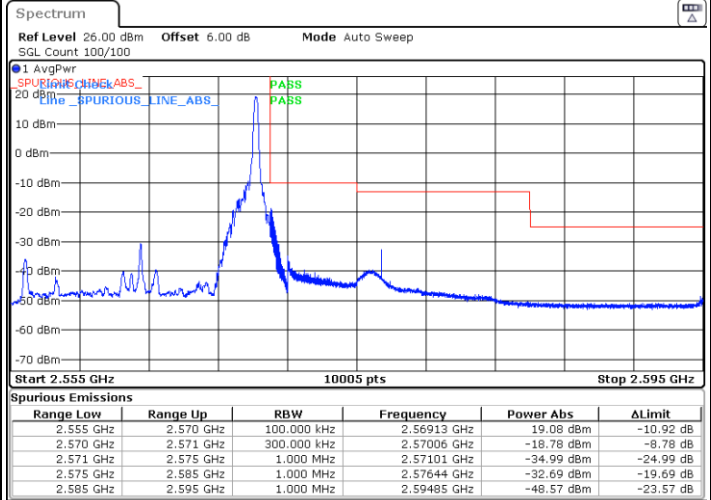
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



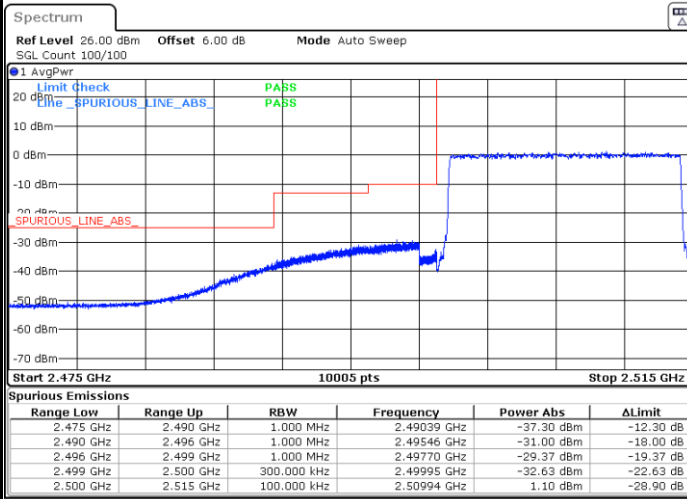
Date: 10.OCT.2022 11:06:12

Highest Band Edge / 1 RB



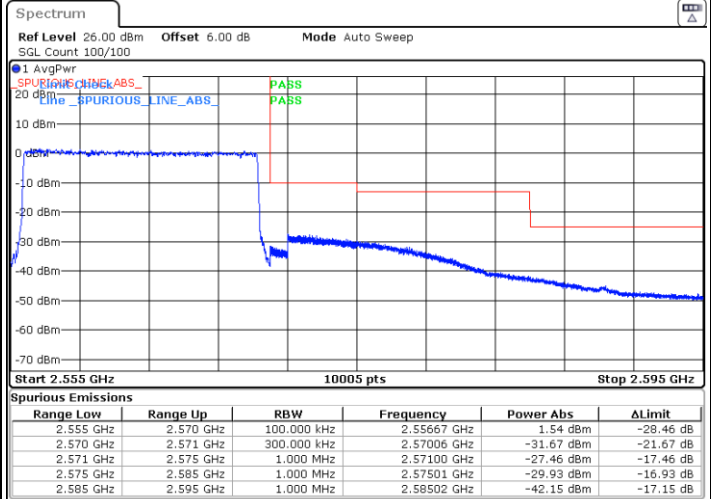
Date: 10.OCT.2022 11:17:08

Lowest Band Edge / Full RB



Date: 10.OCT.2022 11:07:36

Highest Band Edge / Full RB

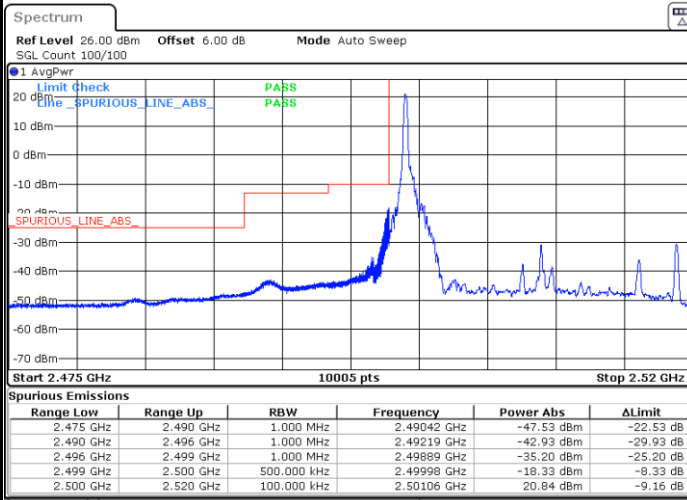


Date: 10.OCT.2022 11:18:31



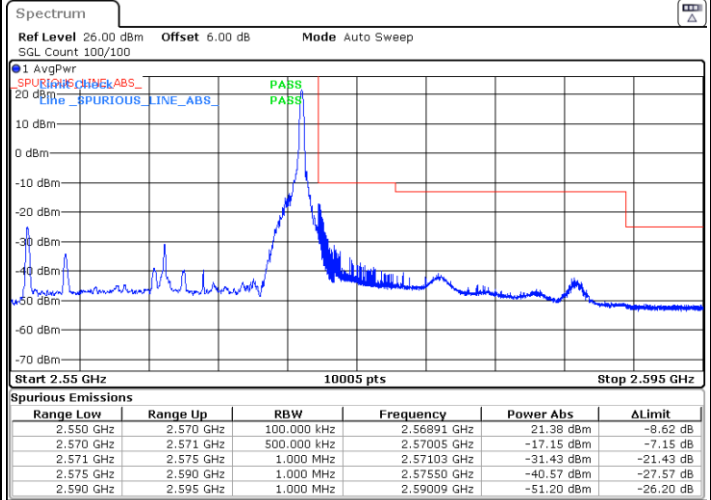
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



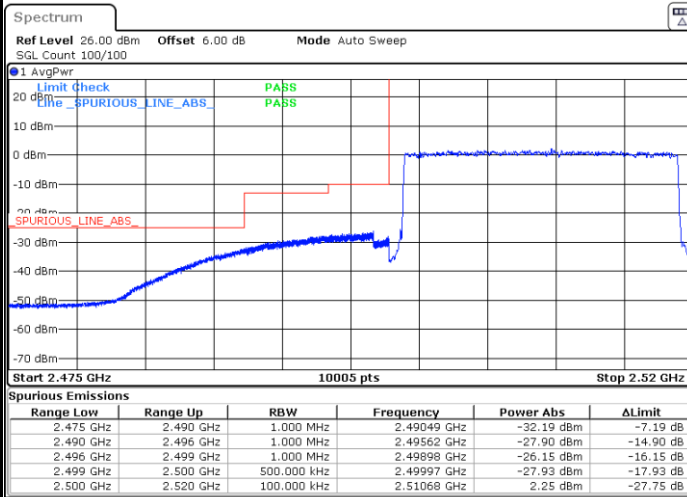
Date: 10.OCT.2022 11:24:01

Highest Band Edge / 1 RB



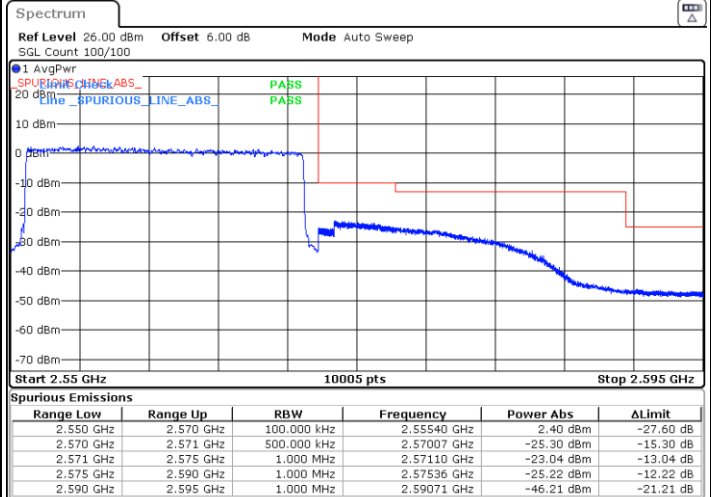
Date: 10.OCT.2022 11:34:58

Lowest Band Edge / Full RB



Date: 10.OCT.2022 11:30:56

Highest Band Edge / Full RB



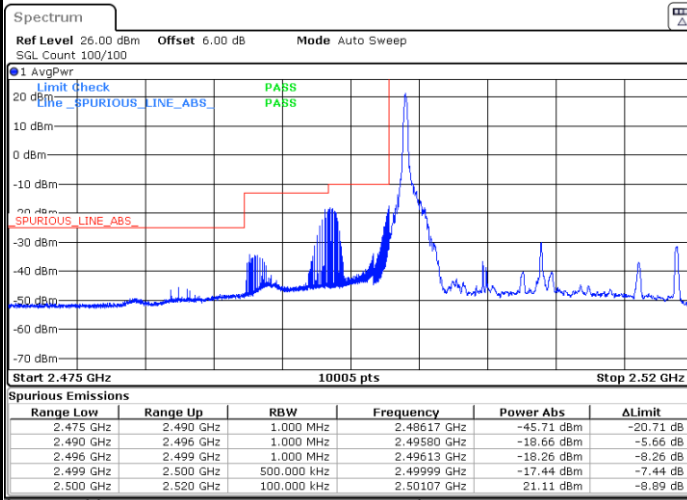
Date: 10.OCT.2022 11:41:52





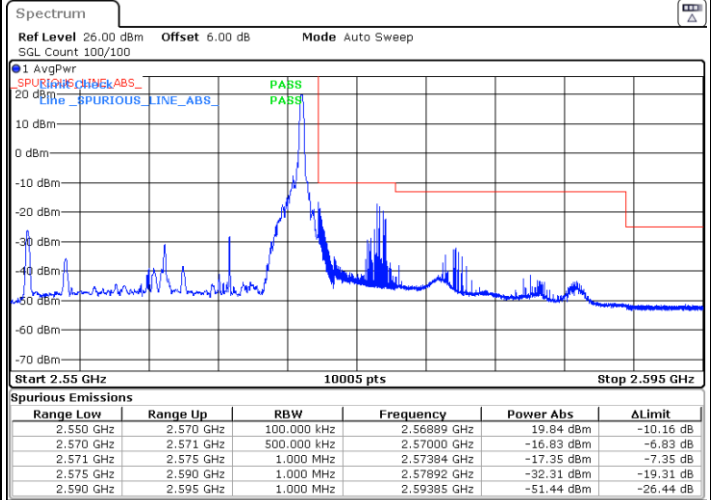
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



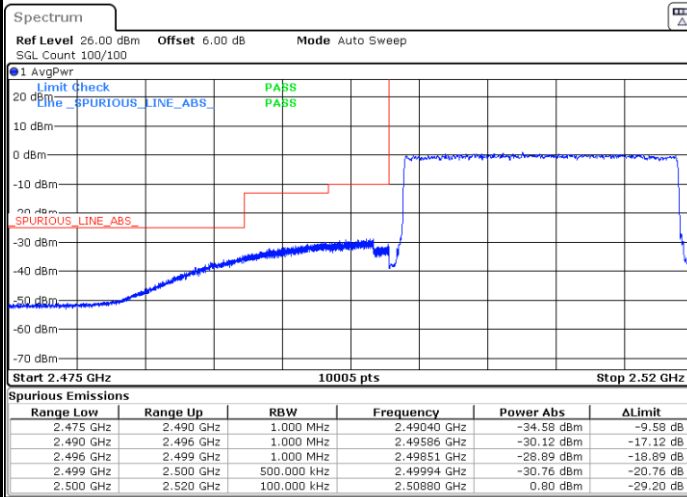
Date: 10.OCT.2022 11:25:23

Highest Band Edge / 1 RB



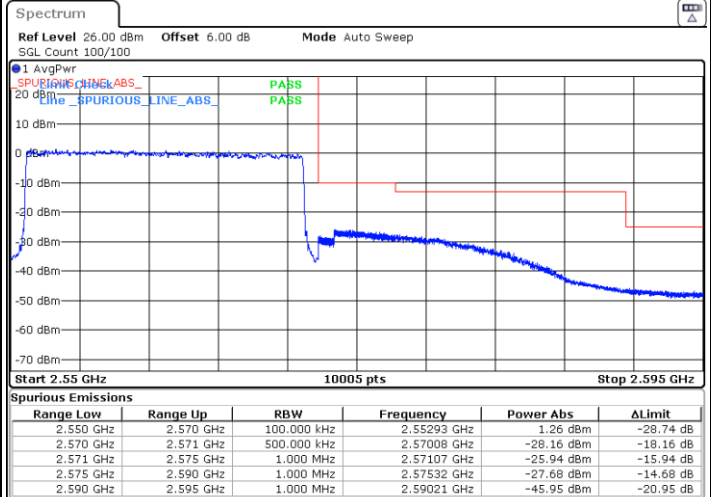
Date: 10.OCT.2022 11:36:21

Lowest Band Edge / Full RB



Date: 10.OCT.2022 11:29:33

Highest Band Edge / Full RB



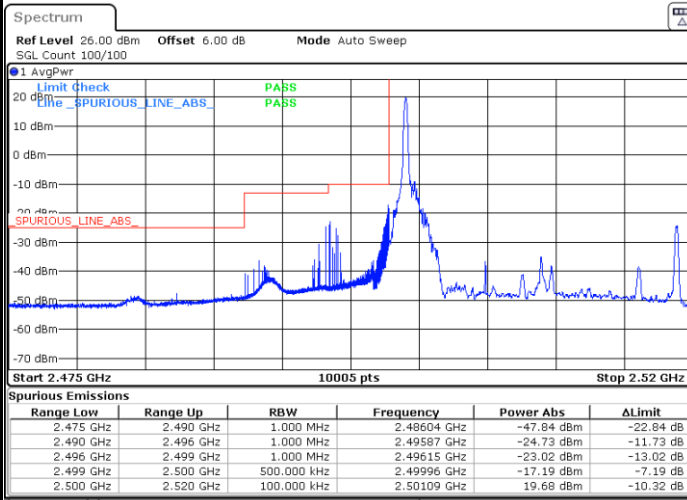
Date: 10.OCT.2022 11:40:29





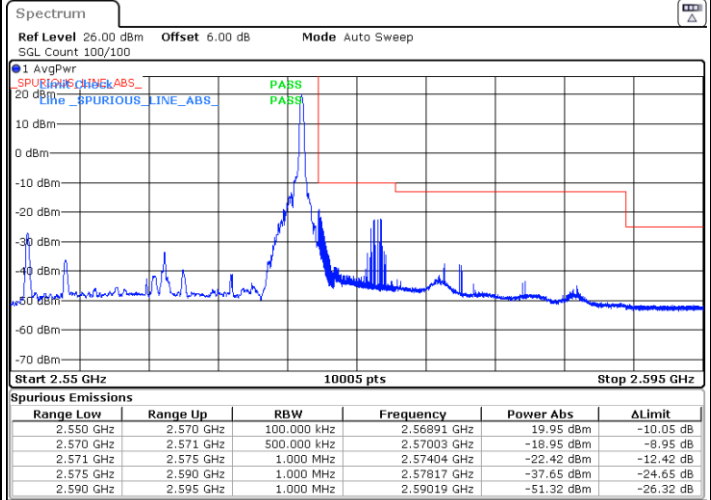
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



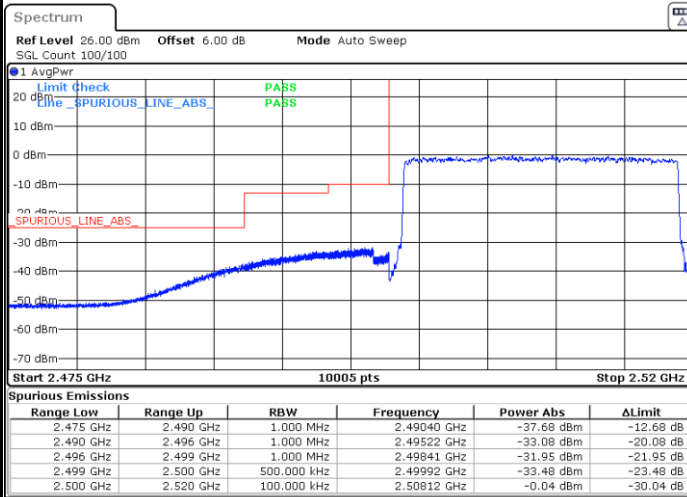
Date: 10.OCT.2022 11:26:47

Highest Band Edge / 1 RB



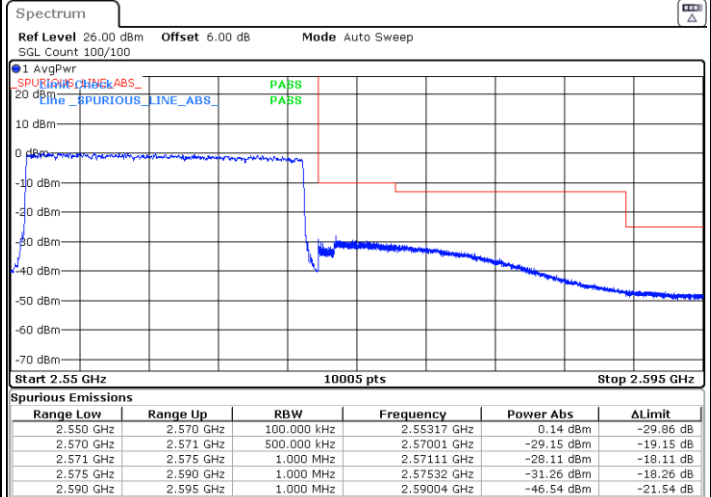
Date: 10.OCT.2022 11:37:43

Lowest Band Edge / Full RB



Date: 10.OCT.2022 11:28:09

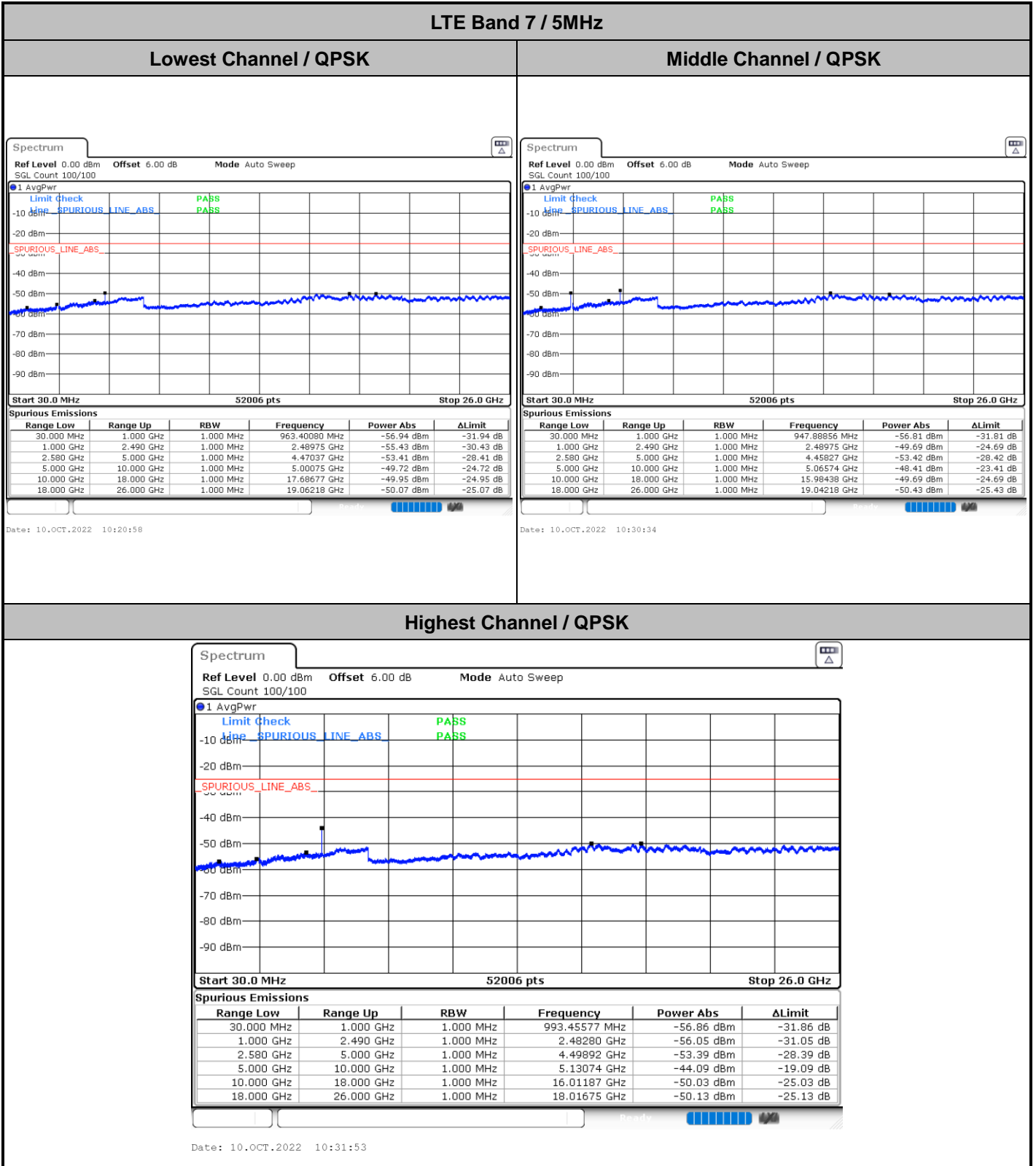
Highest Band Edge / Full RB



Date: 10.OCT.2022 11:39:07



# Conducted Spurious Emission

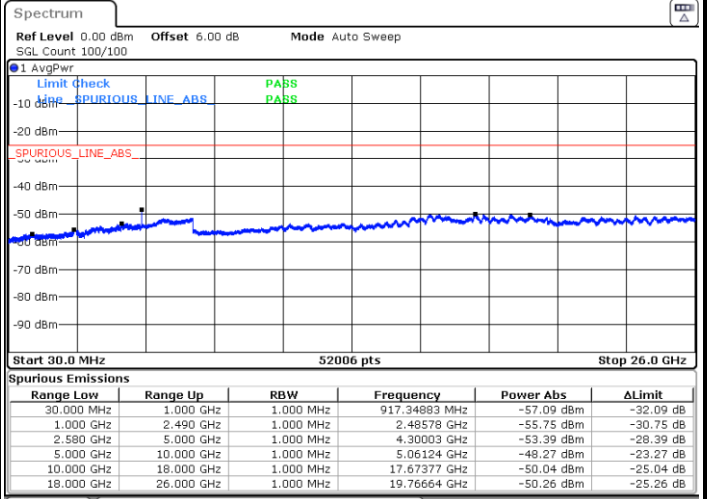
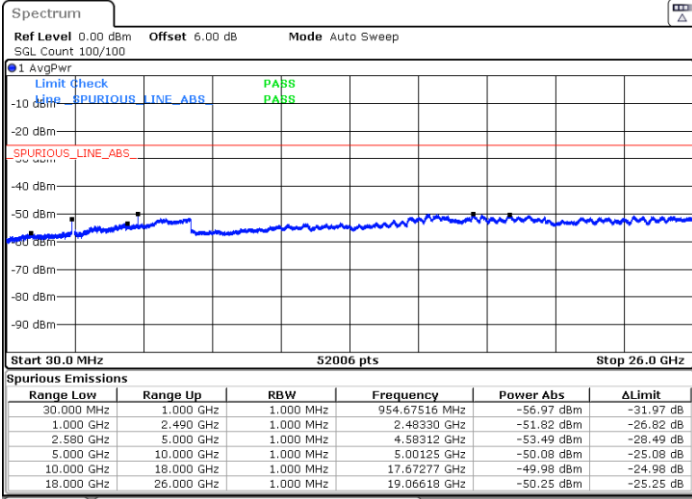




LTE Band 7 / 10MHz

Lowest Channel / QPSK

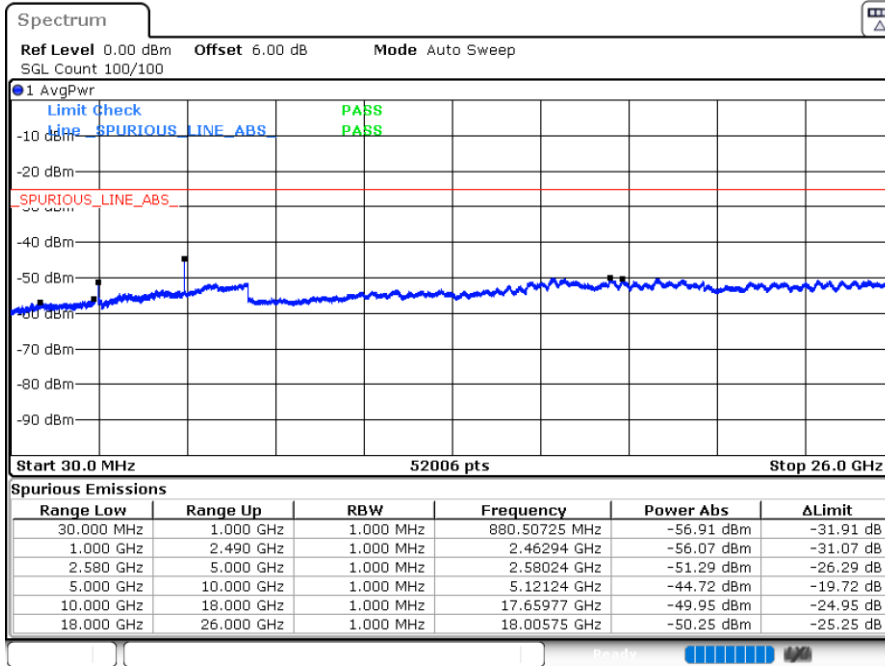
Middle Channel / QPSK



Date: 10.OCT.2022 10:41:31

Date: 10.OCT.2022 10:51:07

Highest Channel / QPSK



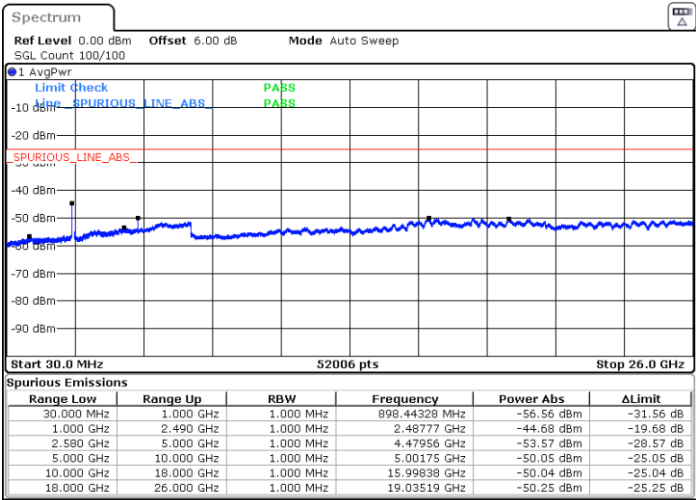
Date: 10.OCT.2022 10:52:27



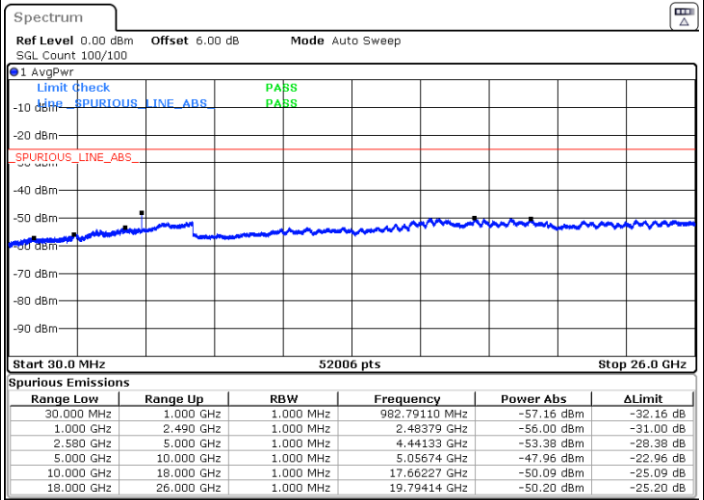
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

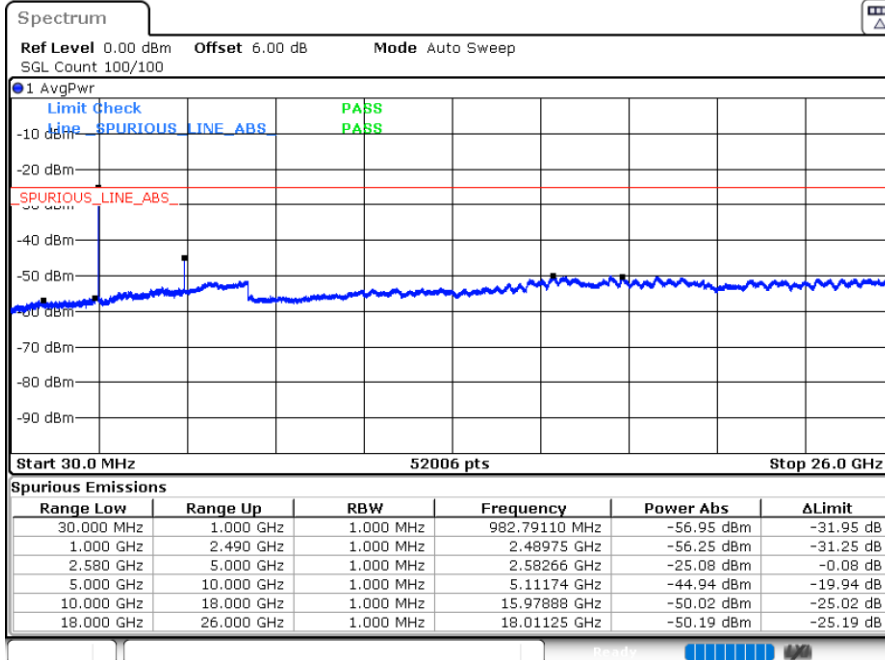


Date: 10.OCT.2022 11:02:05



Date: 10.OCT.2022 11:11:41

Highest Channel / QPSK



Date: 10.OCT.2022 11:13:01