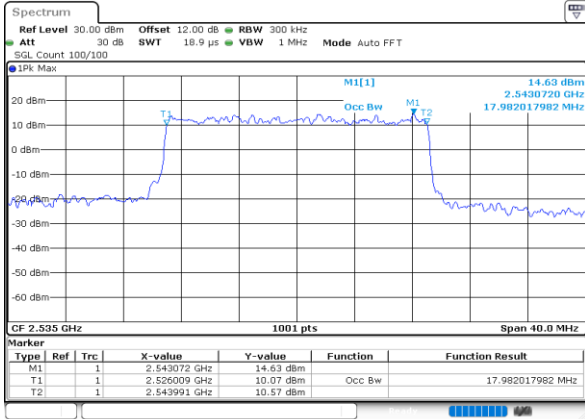




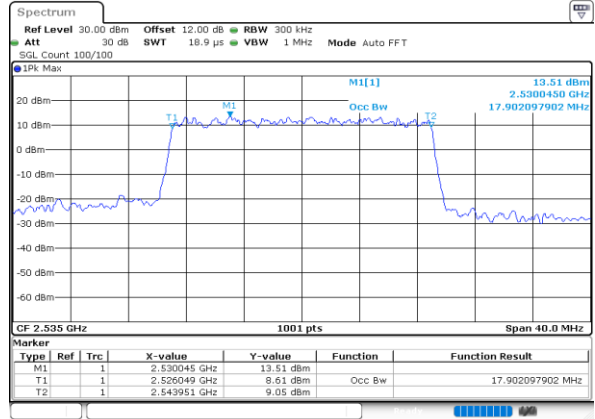
LTE Band 7

Middle Channel / 20MHz / QPSK



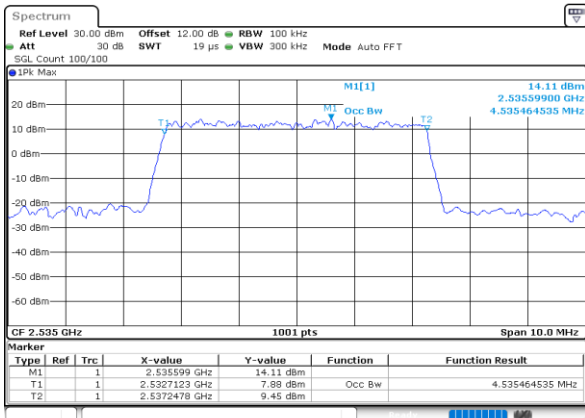
Date: 27.APR.2022 10:47:06

Middle Channel / 20MHz / 16QAM



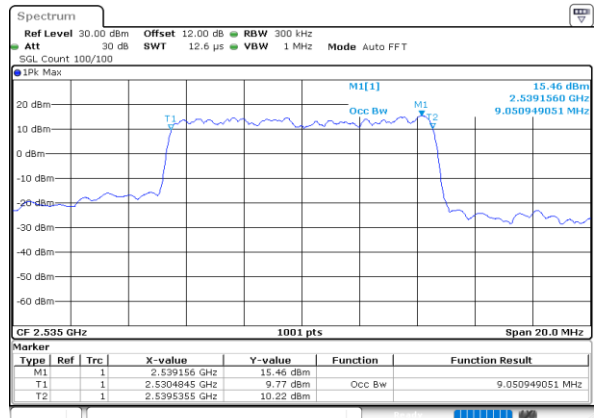
Date: 27.APR.2022 10:47:32

Middle Channel / 5MHz / 64QAM



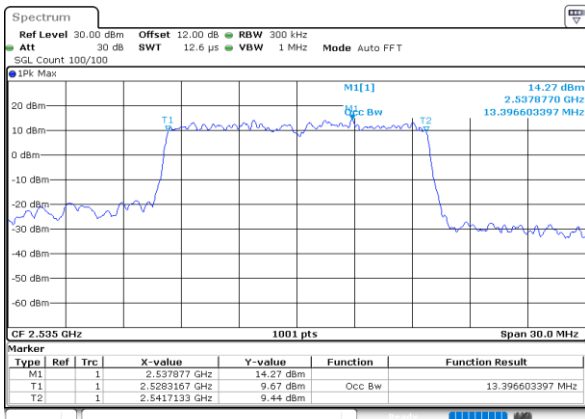
Date: 13.APR.2022 11:44:10

Middle Channel / 10MHz / 64QAM



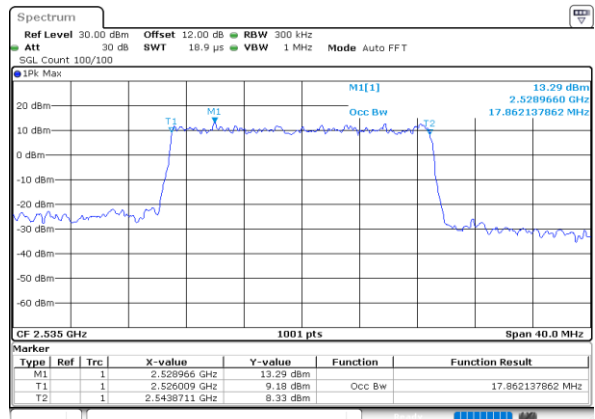
Date: 27.APR.2022 10:20:11

Middle Channel / 15MHz / 64QAM



Date: 27.APR.2022 10:37:38

Middle Channel / 20MHz / 64QAM

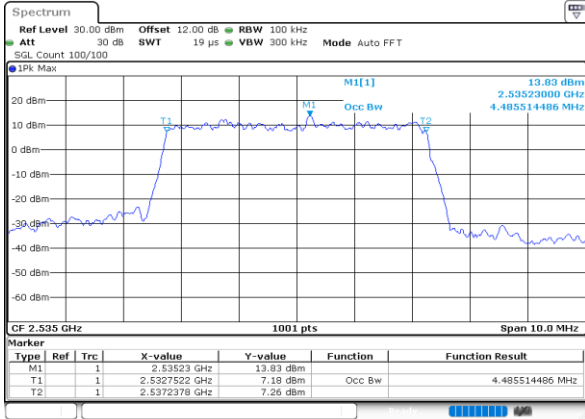


Date: 27.APR.2022 10:56:58



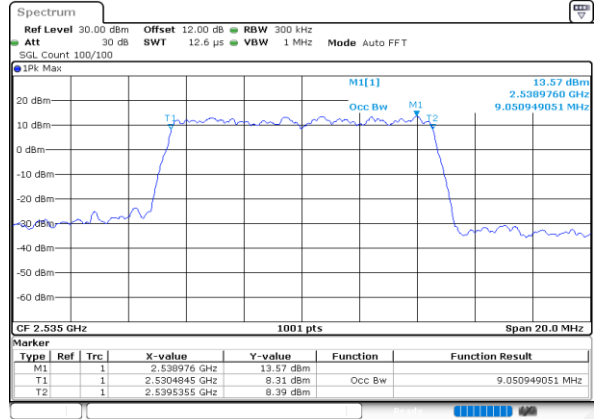
LTE Band 7

Middle Channel / 5MHz / 256QAM



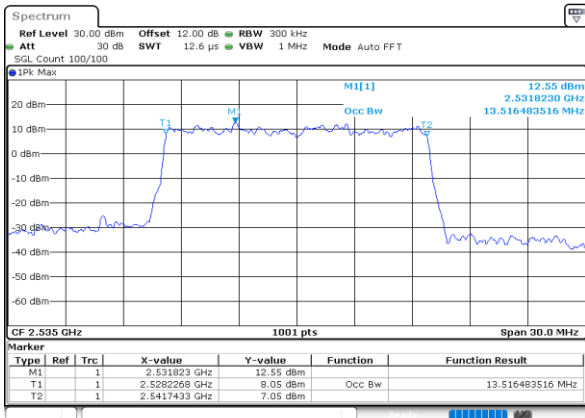
Date: 27.APR.2022 11:07:21

Middle Channel / 10MHz / 256QAM



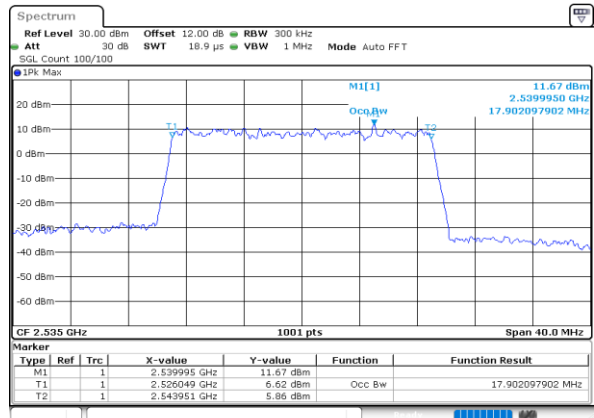
Date: 27.APR.2022 13:46:29

Middle Channel / 15MHz / 256QAM



Date: 27.APR.2022 13:51:03

Middle Channel / 20MHz / 256QAM



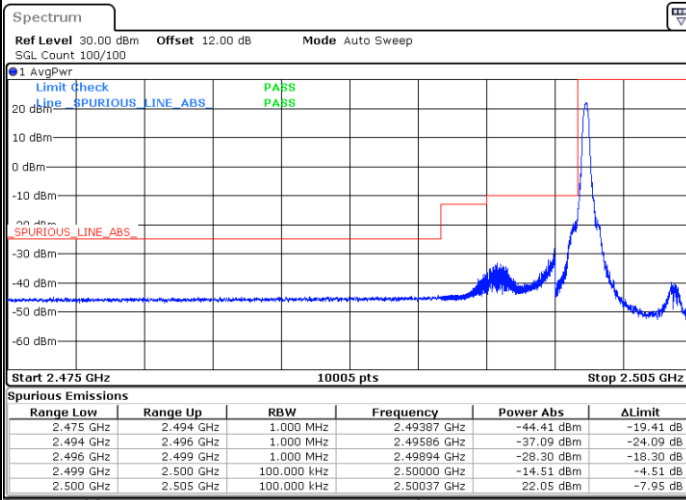
Date: 27.APR.2022 13:55:35



# Conducted Band Edge

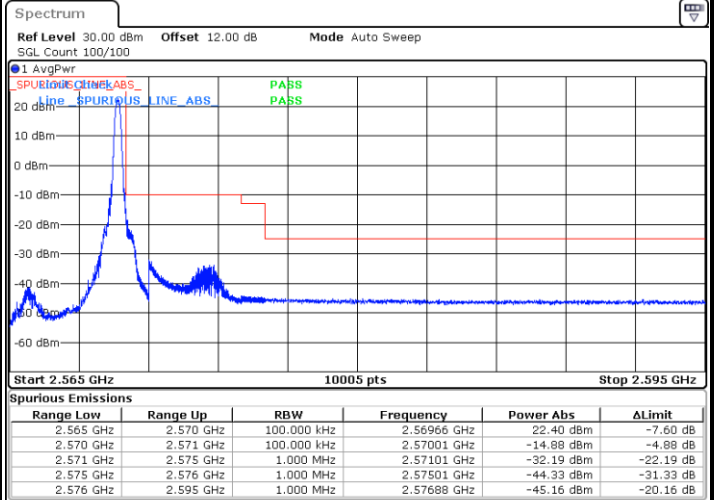
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



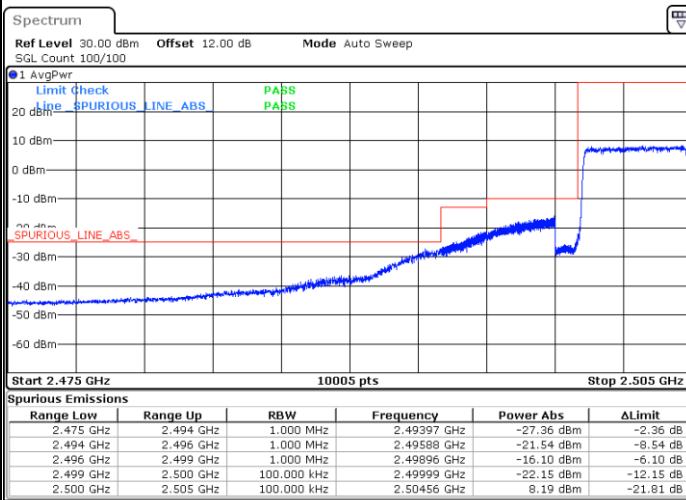
Date: 13.APR.2022 11:29:48

### Highest Band Edge / 1 RB



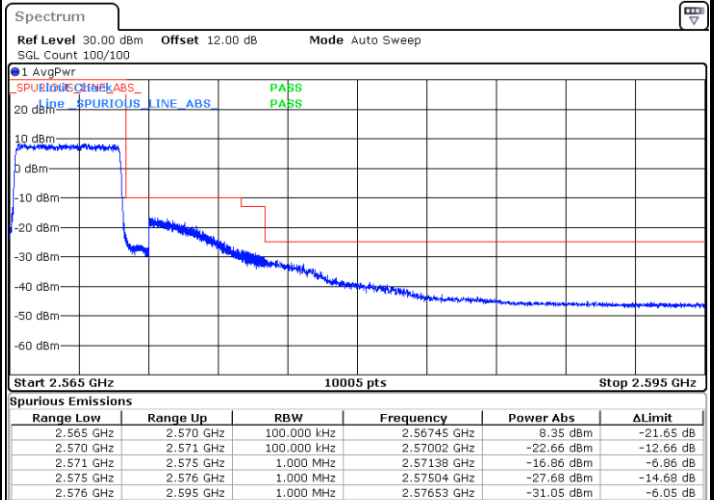
Date: 13.APR.2022 11:37:47

### Lowest Band Edge / Full RB



Date: 13.APR.2022 11:31:41

### Highest Band Edge / Full RB

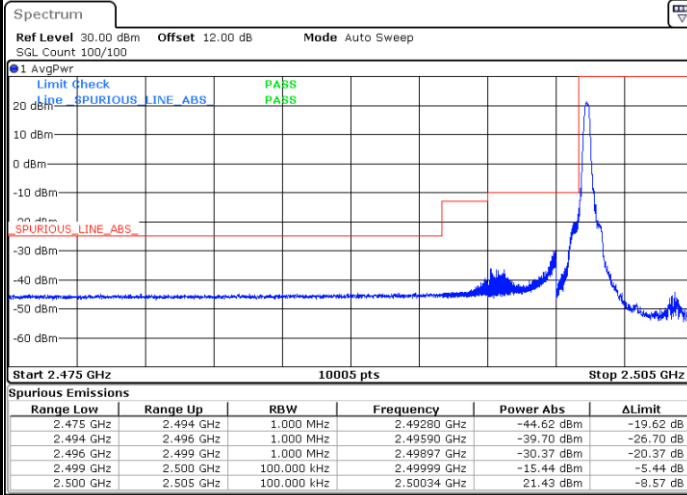


Date: 13.APR.2022 11:39:39



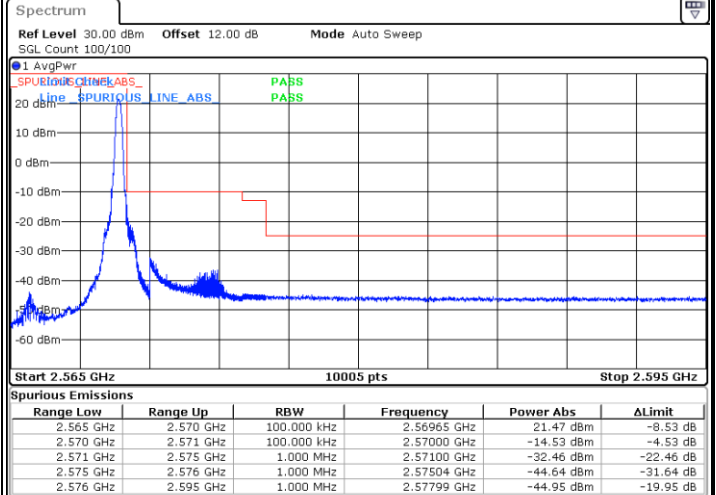
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



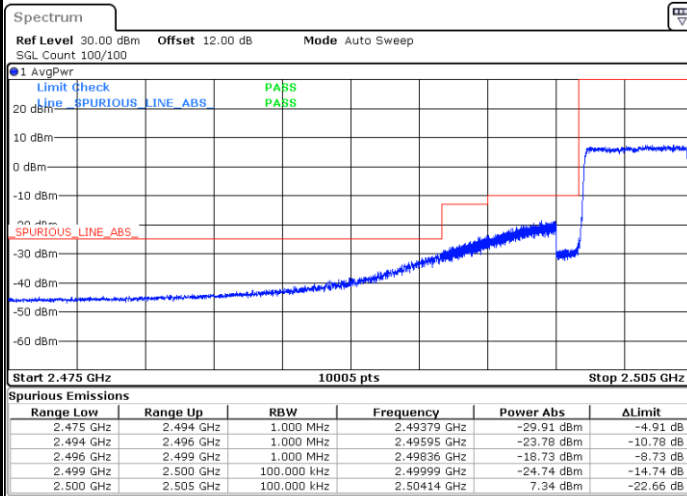
Date: 13.APR.2022 11:30:45

Highest Band Edge / 1 RB



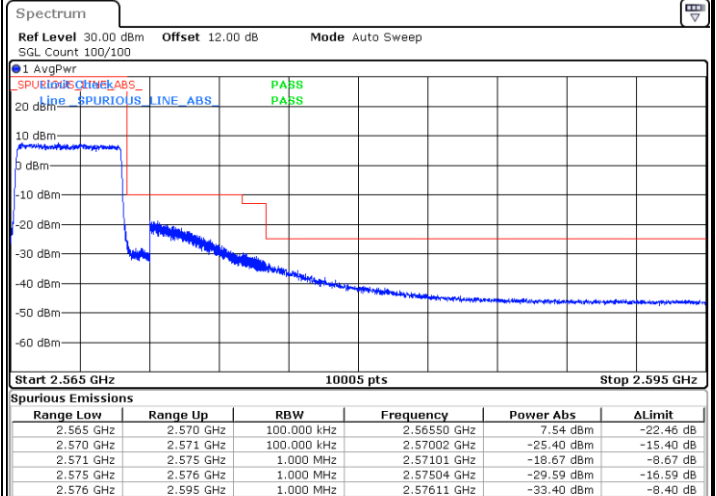
Date: 13.APR.2022 11:38:43

Lowest Band Edge / Full RB



Date: 13.APR.2022 11:32:37

Highest Band Edge / Full RB

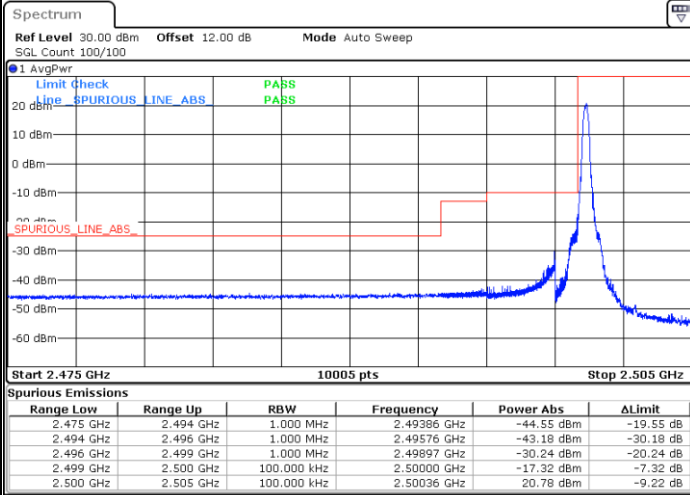


Date: 13.APR.2022 11:40:35



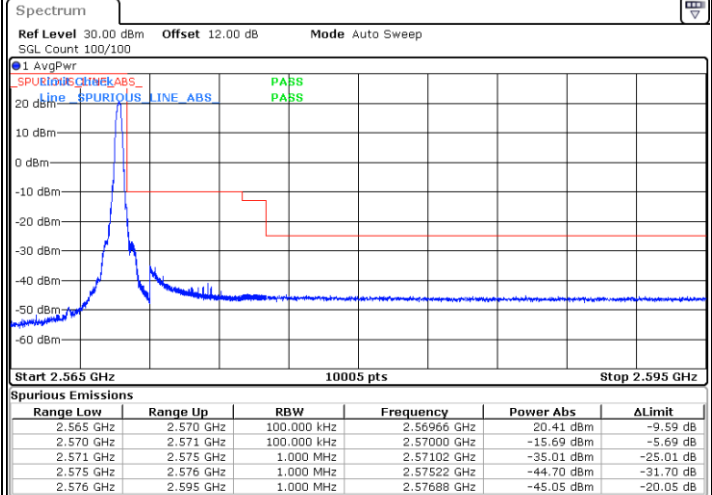
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



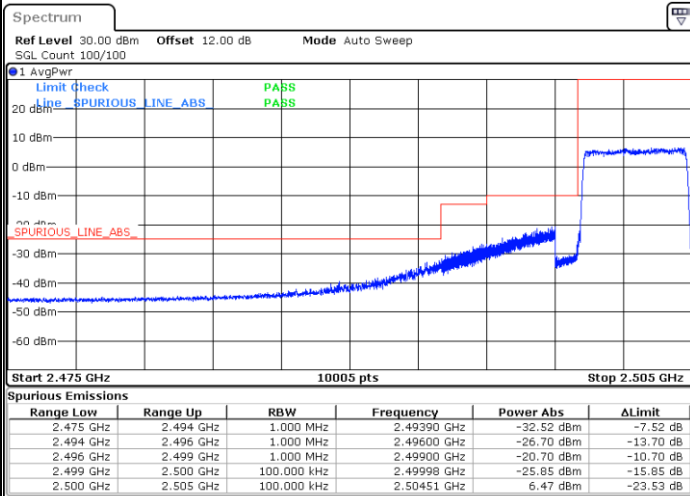
Date: 13.APR.2022 11:42:47

Highest Band Edge / 1 RB



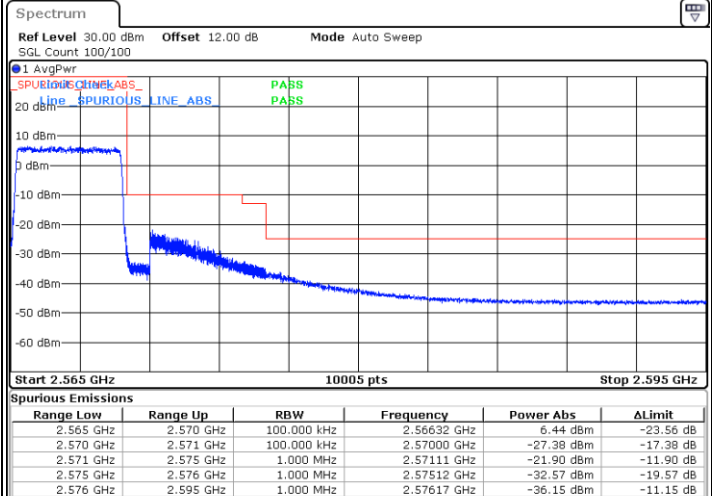
Date: 13.APR.2022 11:45:20

Lowest Band Edge / Full RB



Date: 13.APR.2022 11:43:44

Highest Band Edge / Full RB

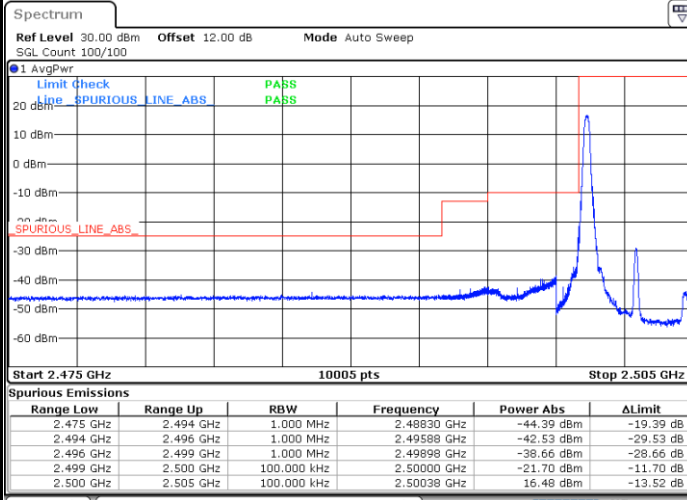


Date: 13.APR.2022 11:46:15



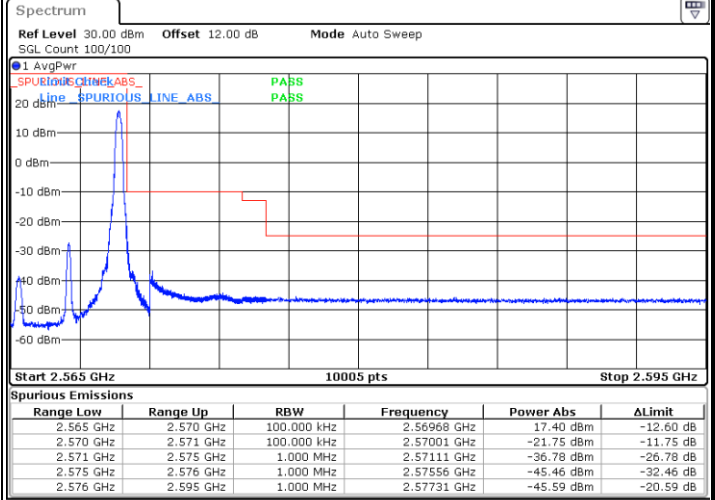
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



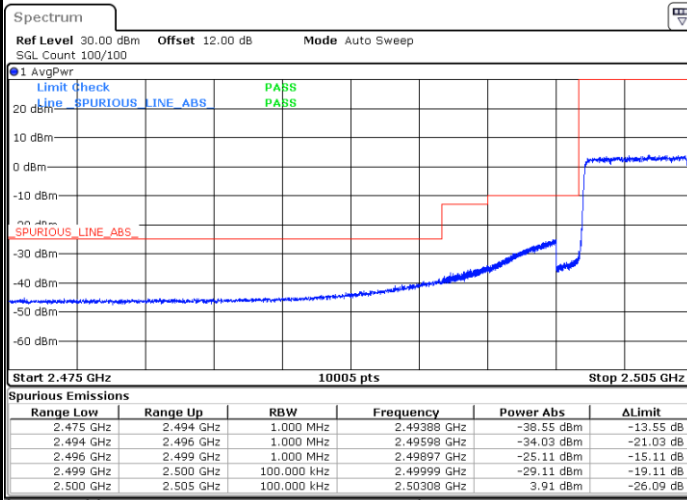
Date: 27.APR.2022 11:05:54

Highest Band Edge / 1 RB



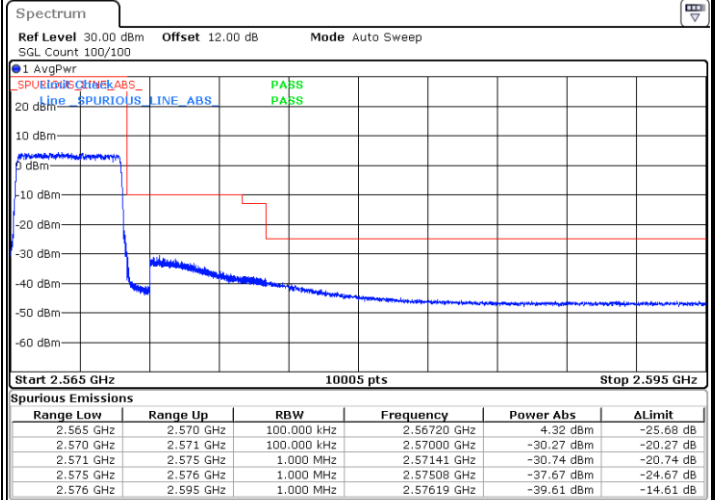
Date: 27.APR.2022 11:08:31

Lowest Band Edge / Full RB



Date: 27.APR.2022 11:06:54

Highest Band Edge / Full RB

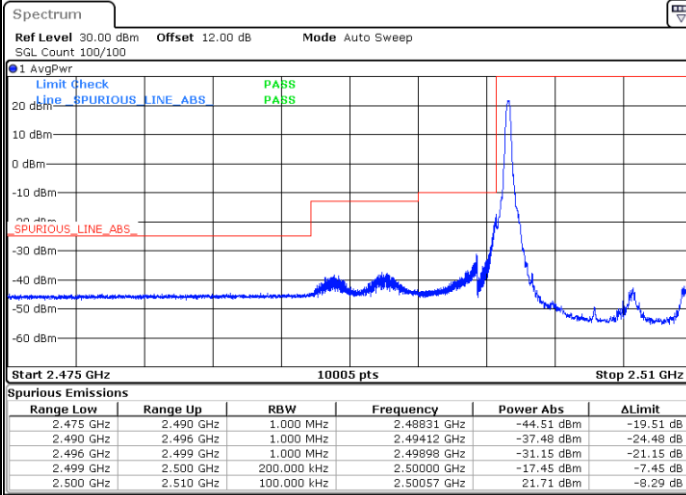


Date: 27.APR.2022 11:09:31



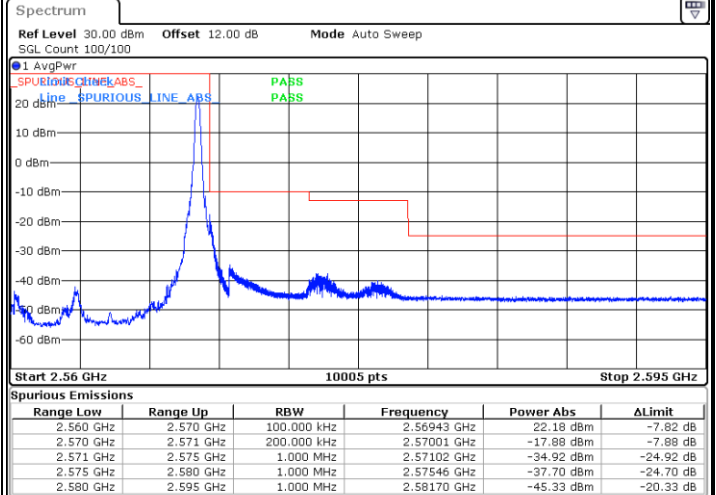
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



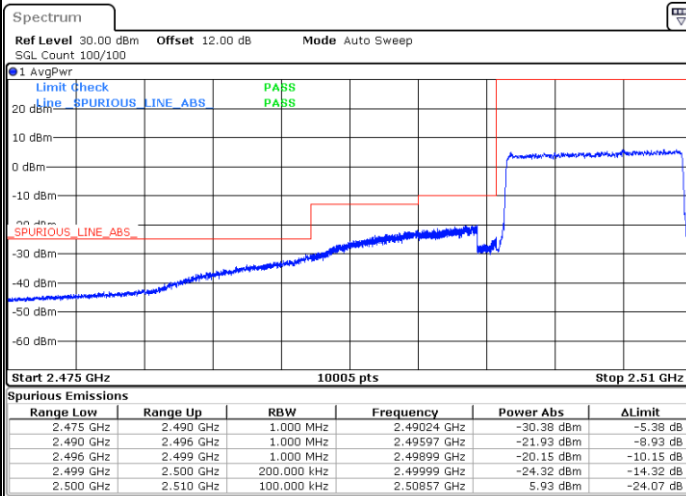
Date: 13.APR.2022 11:47:13

Highest Band Edge / 1 RB



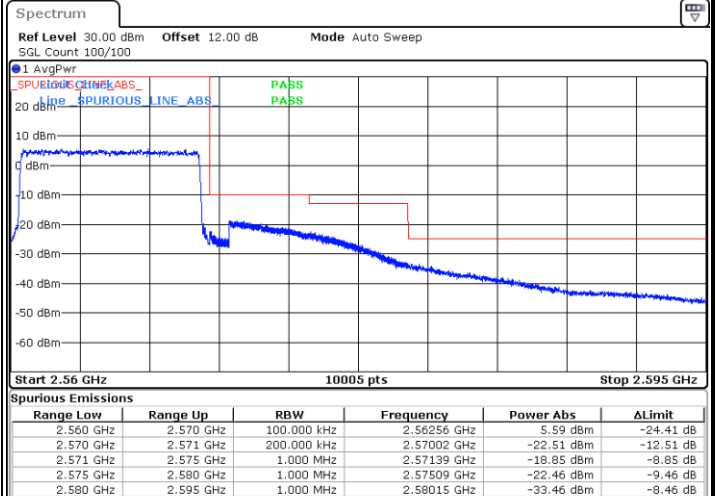
Date: 13.APR.2022 11:55:11

Lowest Band Edge / Full RB



Date: 13.APR.2022 11:49:05

Highest Band Edge / Full RB

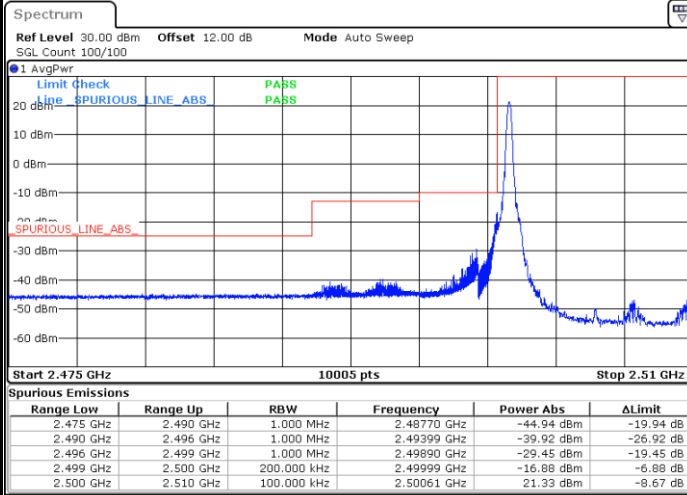


Date: 13.APR.2022 11:57:03



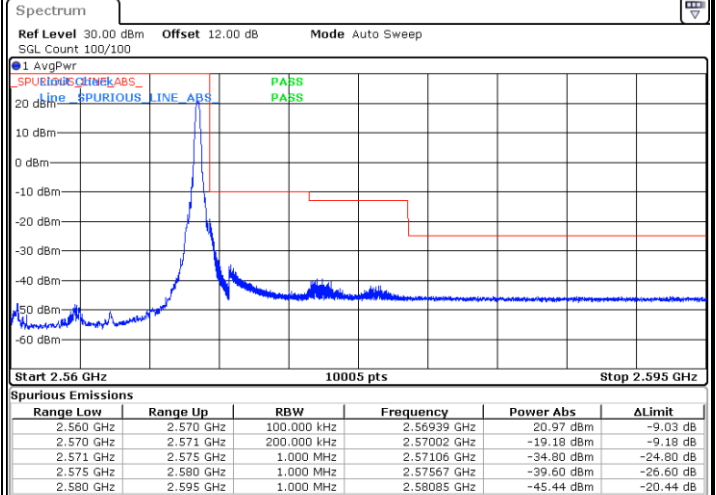
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



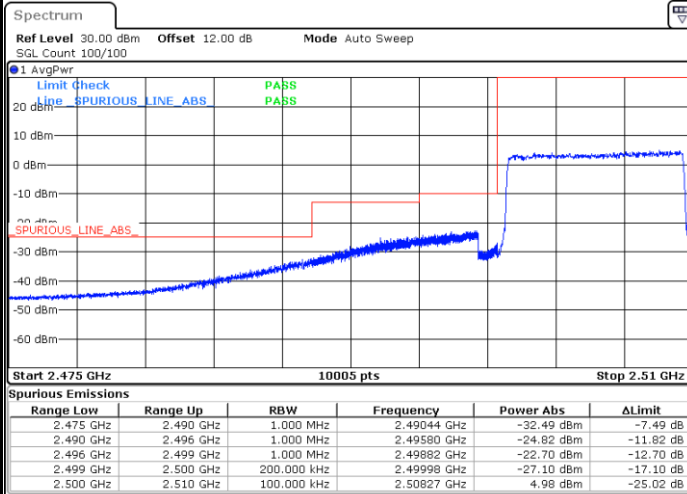
Date: 13.APR.2022 11:48:09

Highest Band Edge / 1 RB



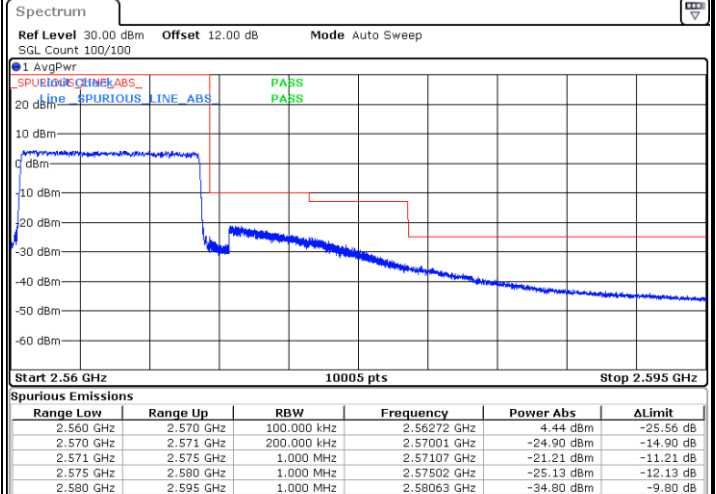
Date: 13.APR.2022 11:56:07

Lowest Band Edge / Full RB



Date: 13.APR.2022 11:50:01

Highest Band Edge / Full RB



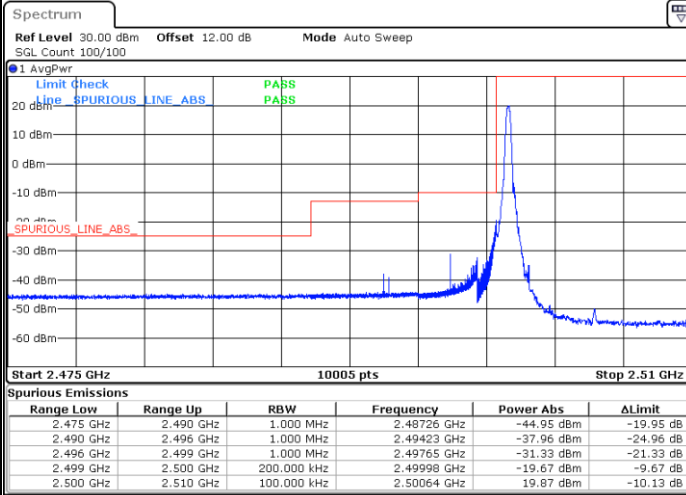
Date: 13.APR.2022 11:57:59





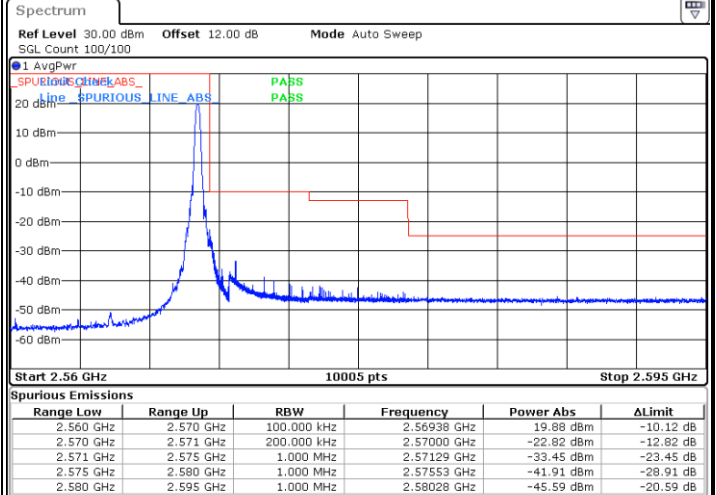
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



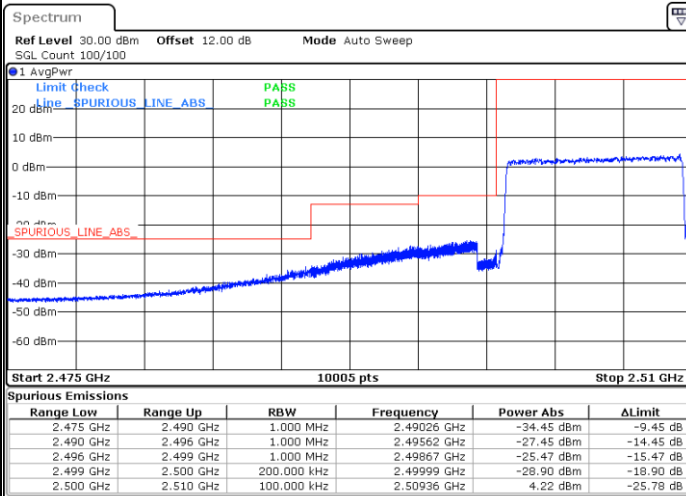
Date: 13.APR.2022 12:00:10

Highest Band Edge / 1 RB



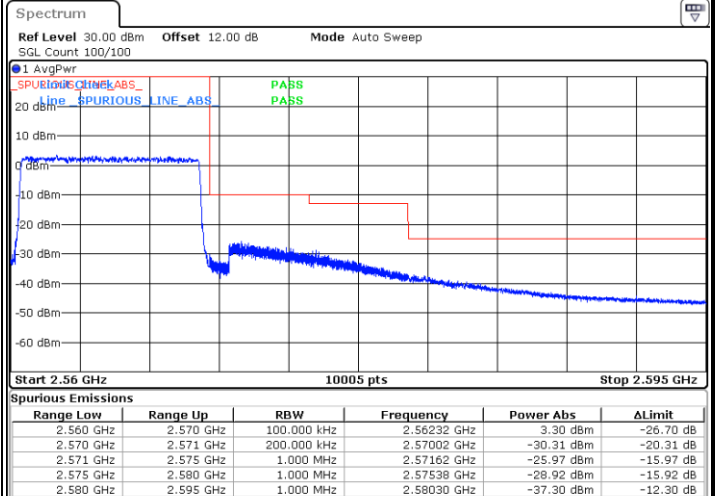
Date: 27.APR.2022 10:21:21

Lowest Band Edge / Full RB



Date: 13.APR.2022 12:01:06

Highest Band Edge / Full RB

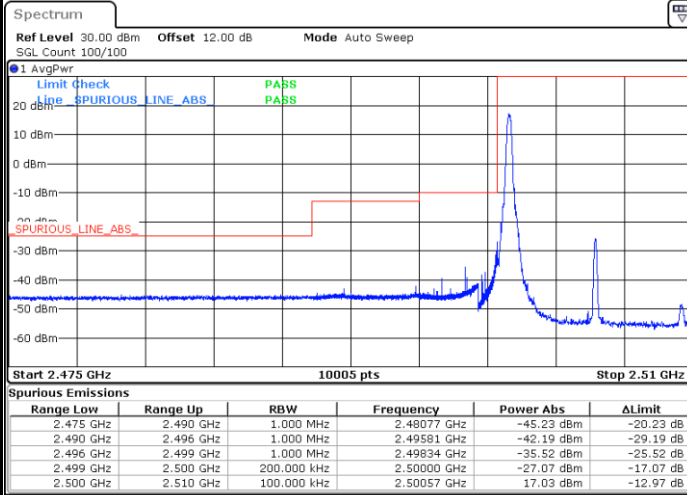


Date: 27.APR.2022 10:22:17



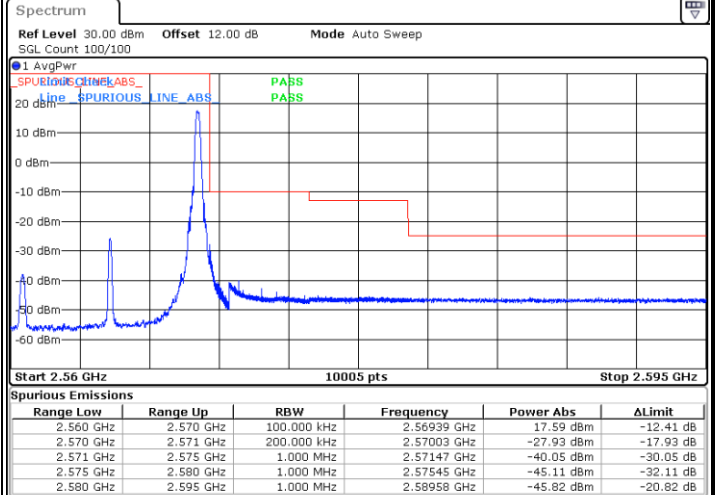
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



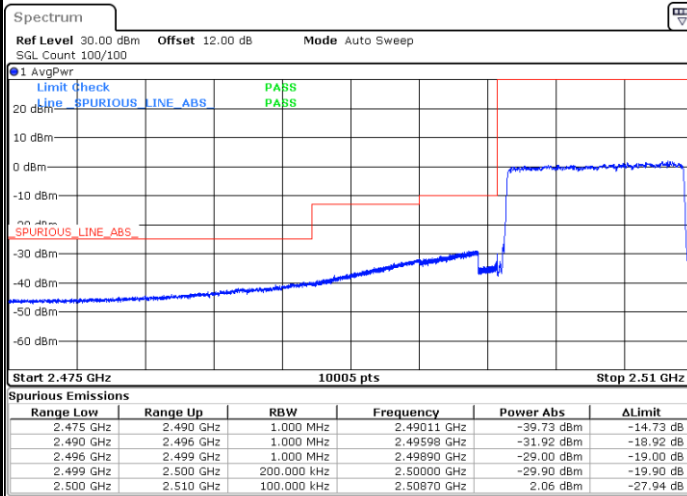
Date: 27.APR.2022 13:44:15

Highest Band Edge / 1 RB



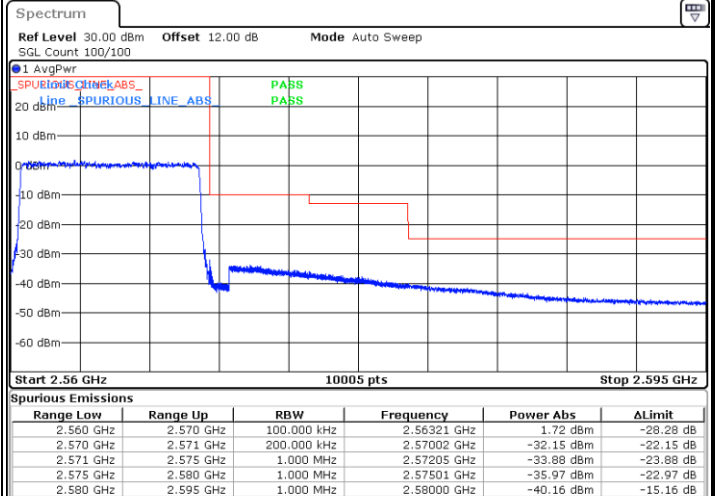
Date: 27.APR.2022 13:47:39

Lowest Band Edge / Full RB



Date: 27.APR.2022 13:46:03

Highest Band Edge / Full RB

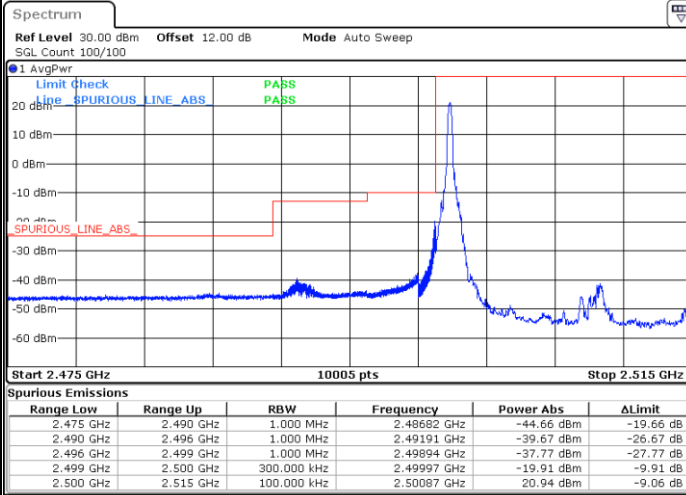


Date: 27.APR.2022 13:48:38



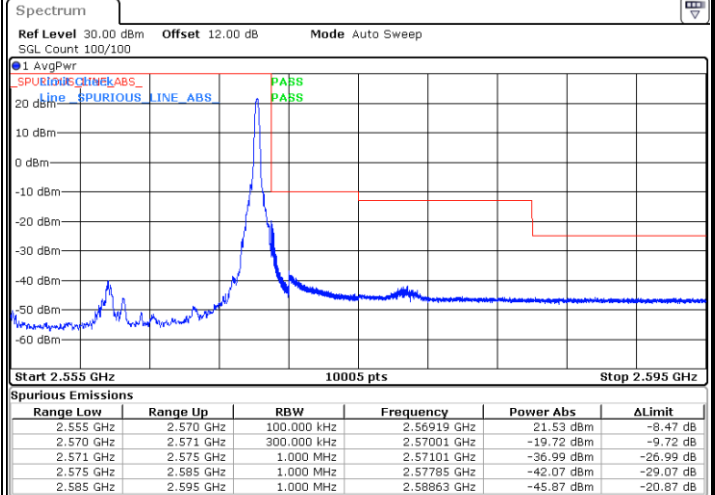
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



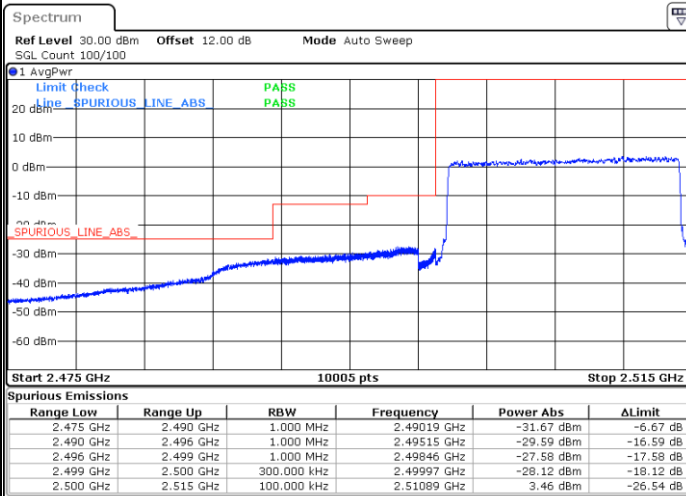
Date: 27.APR.2022 10:23:15

Highest Band Edge / 1 RB



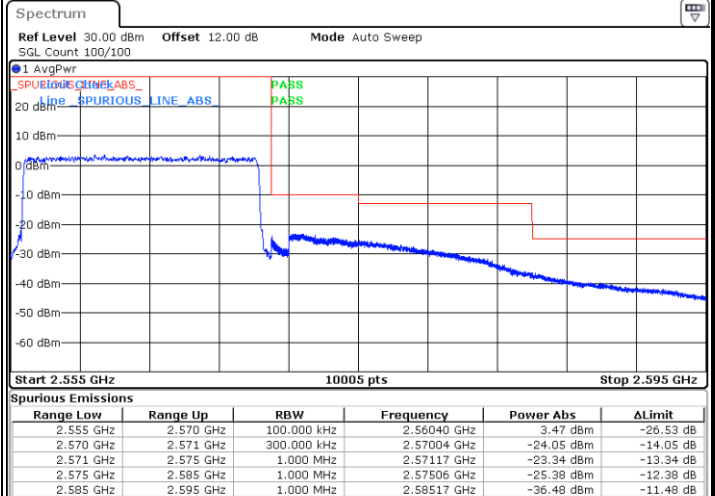
Date: 27.APR.2022 10:31:16

Lowest Band Edge / Full RB



Date: 27.APR.2022 10:25:08

Highest Band Edge / Full RB

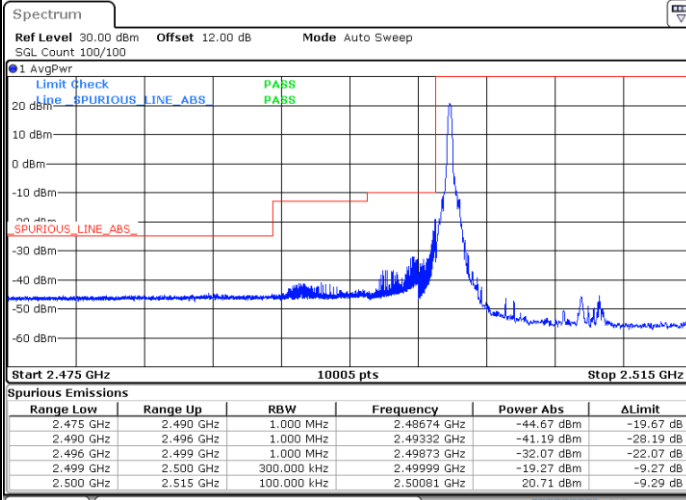


Date: 27.APR.2022 10:33:08



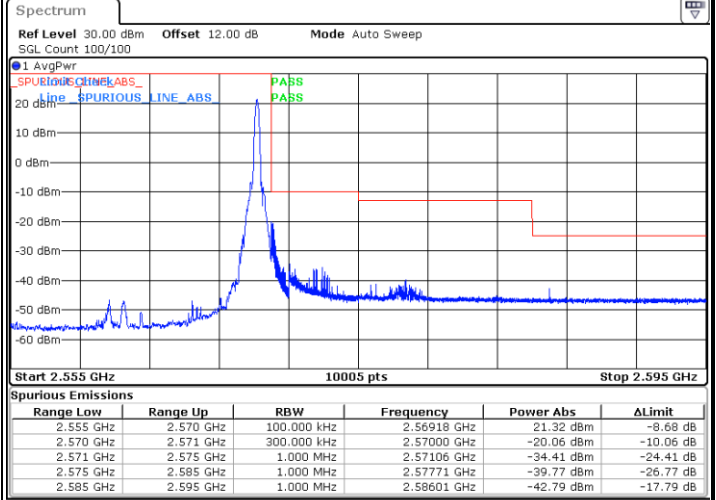
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



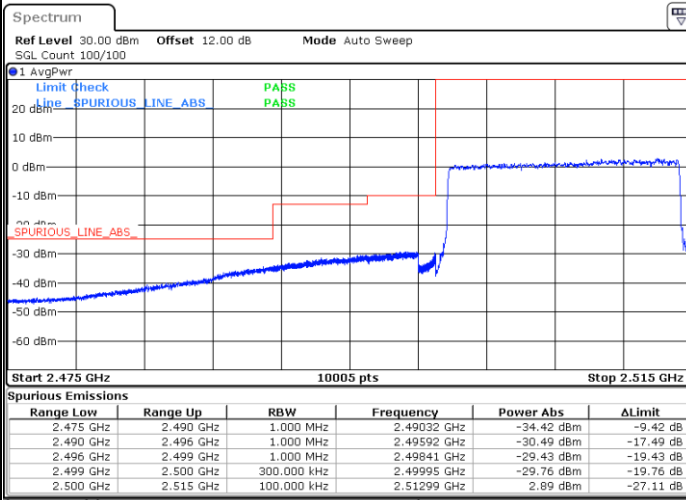
Date: 27.APR.2022 10:24:12

Highest Band Edge / 1 RB



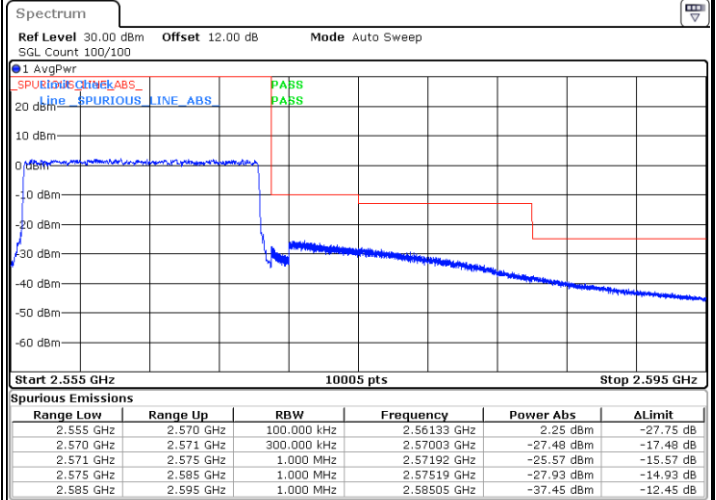
Date: 27.APR.2022 10:32:12

Lowest Band Edge / Full RB



Date: 27.APR.2022 10:26:05

Highest Band Edge / Full RB

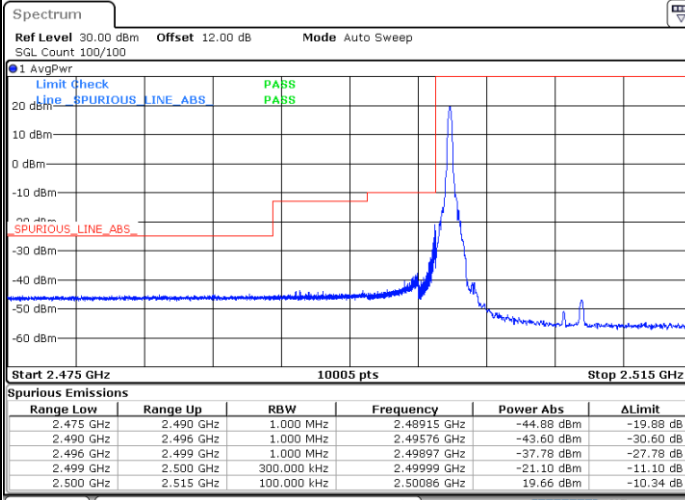


Date: 27.APR.2022 10:34:04



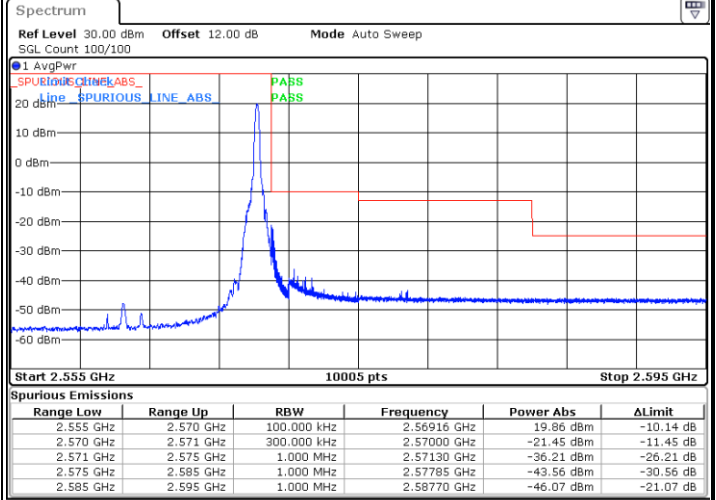
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



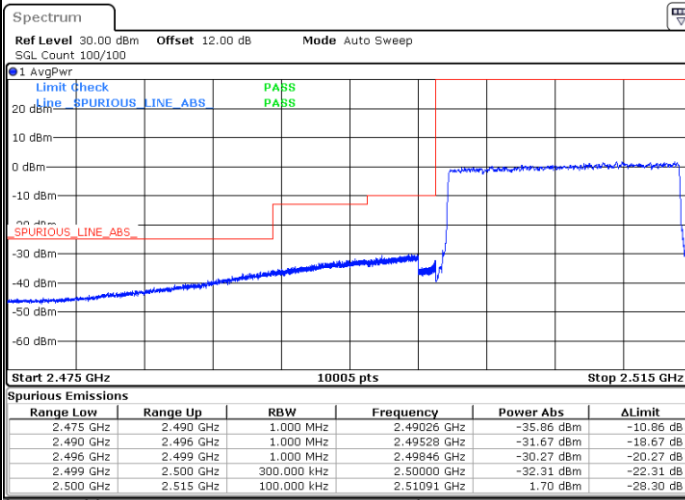
Date: 27.APR.2022 10:36:15

Highest Band Edge / 1 RB



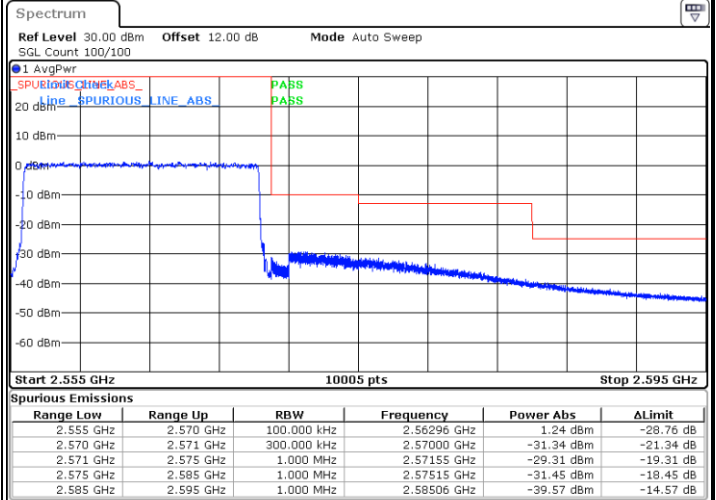
Date: 27.APR.2022 10:38:47

Lowest Band Edge / Full RB



Date: 27.APR.2022 10:37:11

Highest Band Edge / Full RB

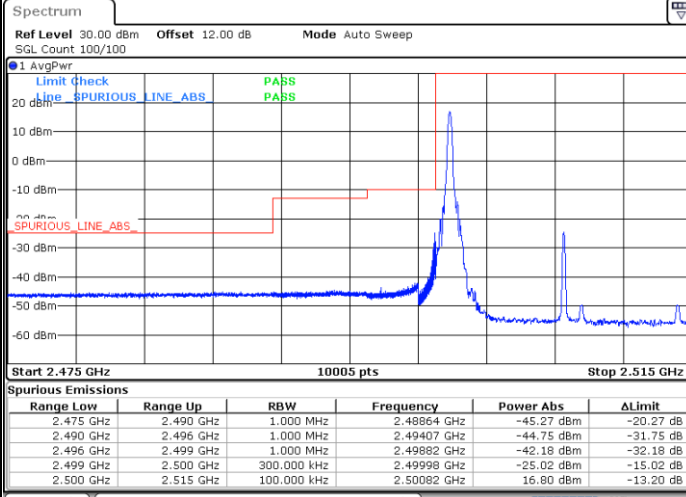


Date: 27.APR.2022 10:39:43



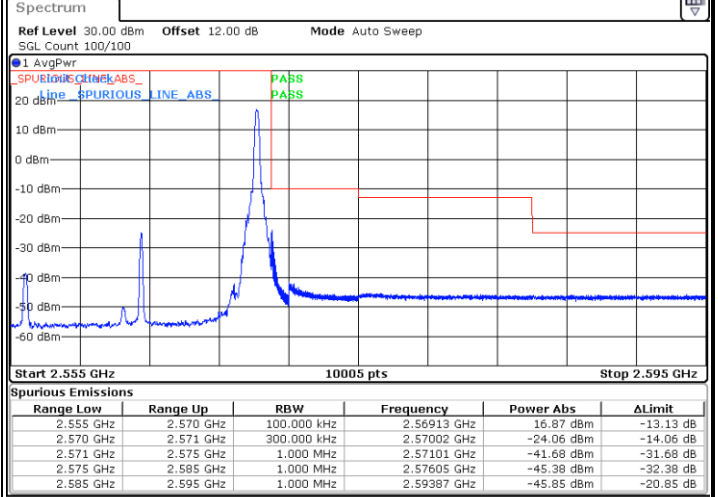
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



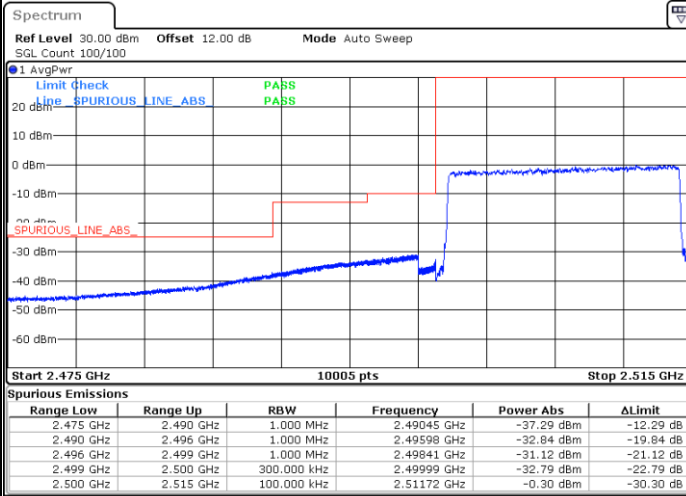
Date: 27.APR.2022 13:49:37

Highest Band Edge / 1 RB



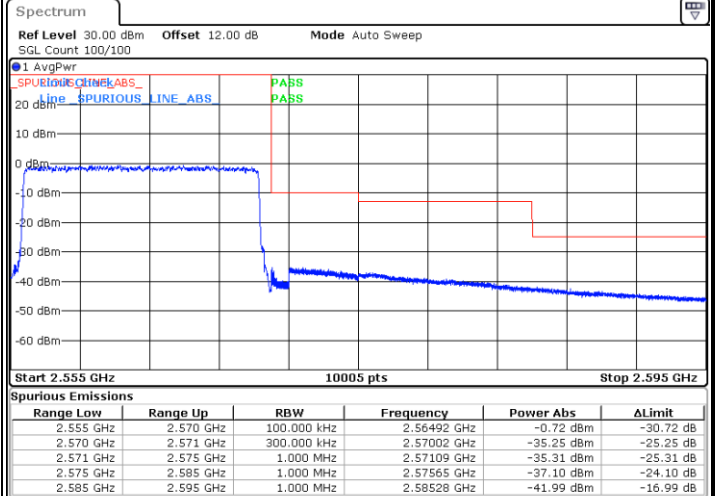
Date: 27.APR.2022 13:52:12

Lowest Band Edge / Full RB



Date: 27.APR.2022 13:50:36

Highest Band Edge / Full RB

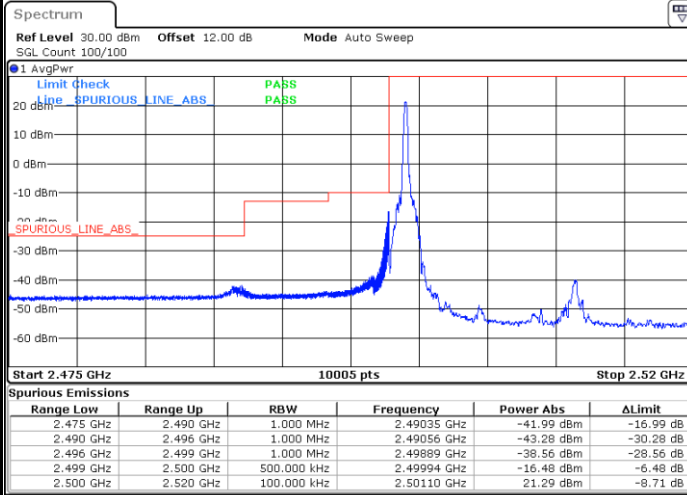


Date: 27.APR.2022 13:53:11



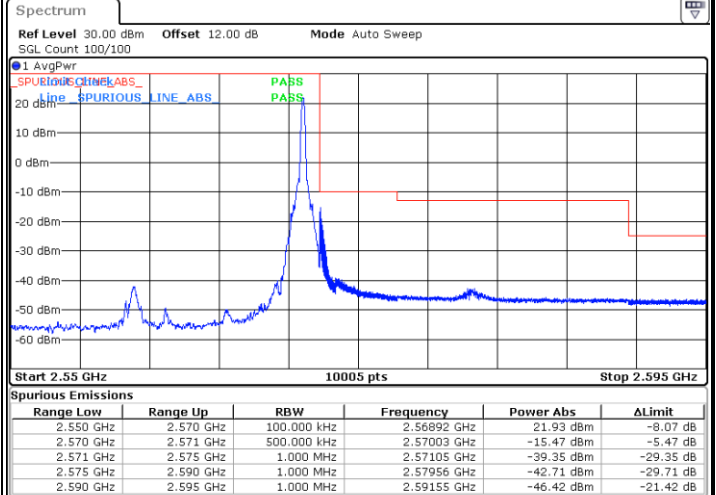
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



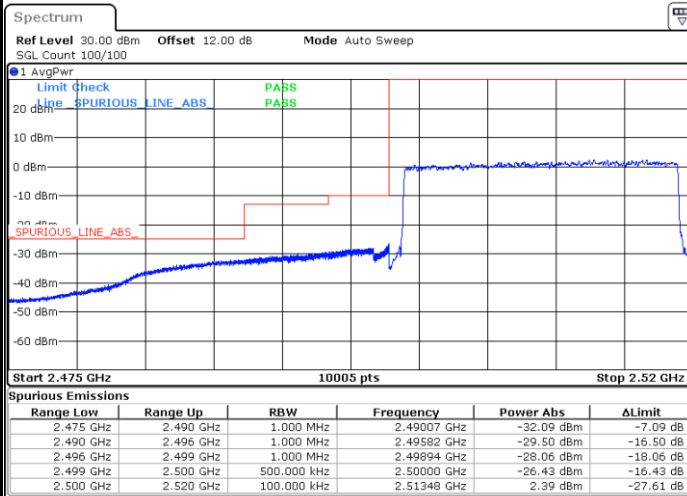
Date: 27.APR.2022 10:42:33

Highest Band Edge / 1 RB



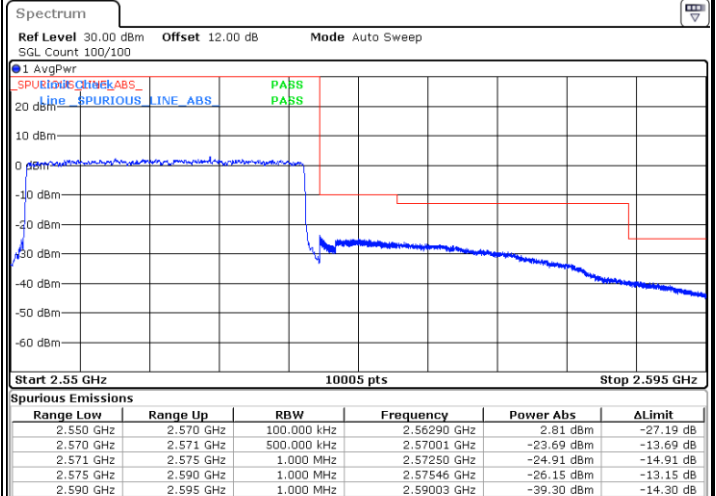
Date: 27.APR.2022 10:50:33

Lowest Band Edge / Full RB



Date: 27.APR.2022 10:44:26

Highest Band Edge / Full RB

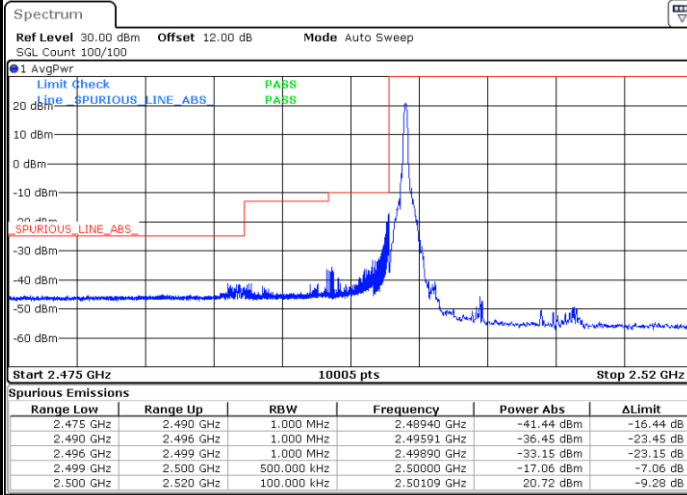


Date: 27.APR.2022 10:53:22



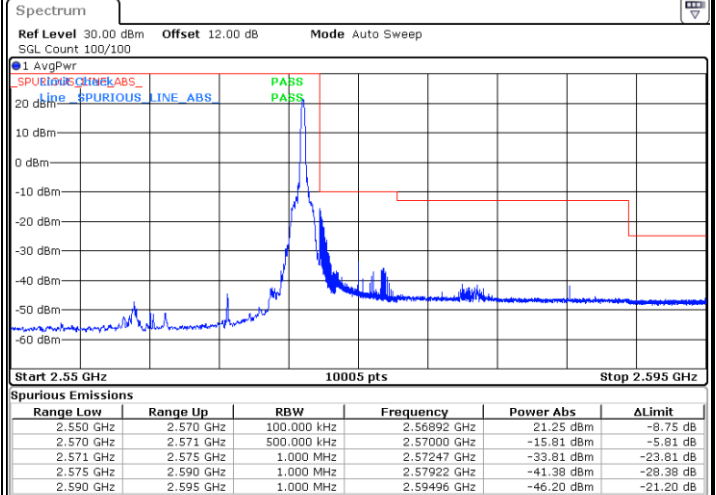
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



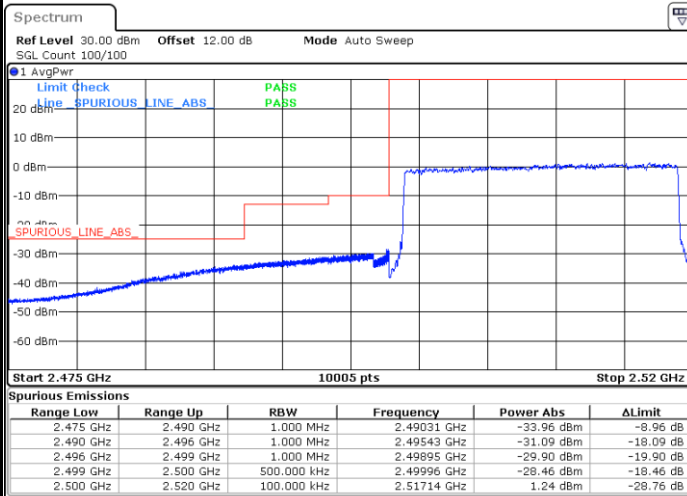
Date: 27.APR.2022 10:43:29

Highest Band Edge / 1 RB



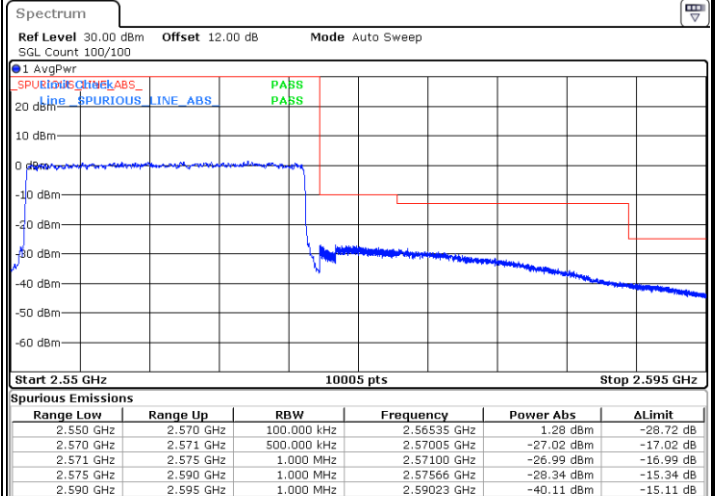
Date: 27.APR.2022 10:51:30

Lowest Band Edge / Full RB



Date: 27.APR.2022 10:45:23

Highest Band Edge / Full RB



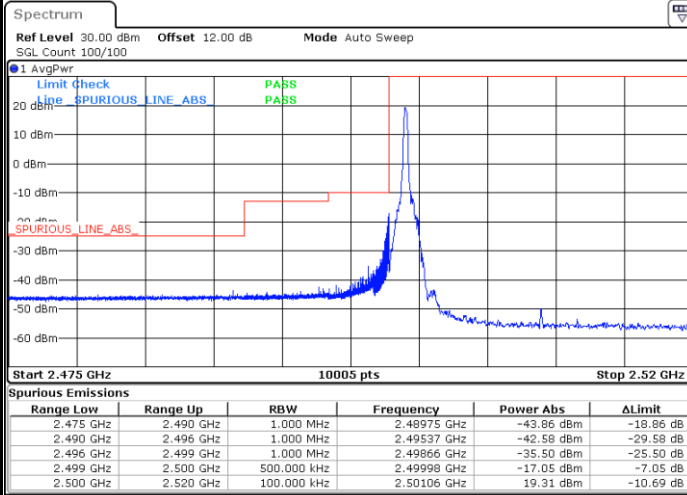
Date: 27.APR.2022 10:52:26





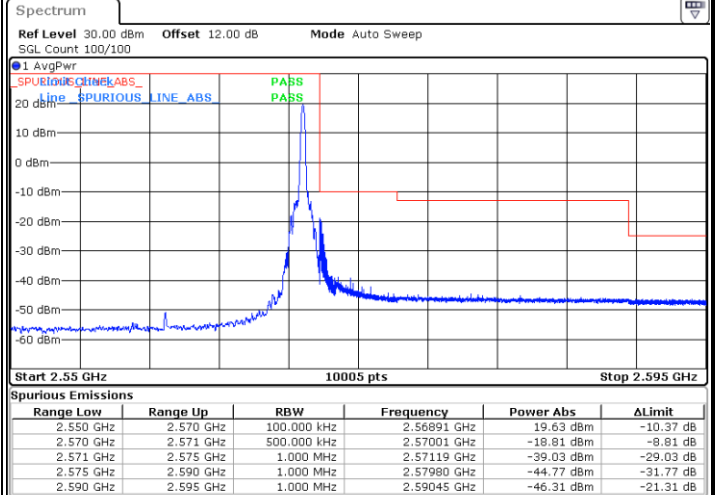
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



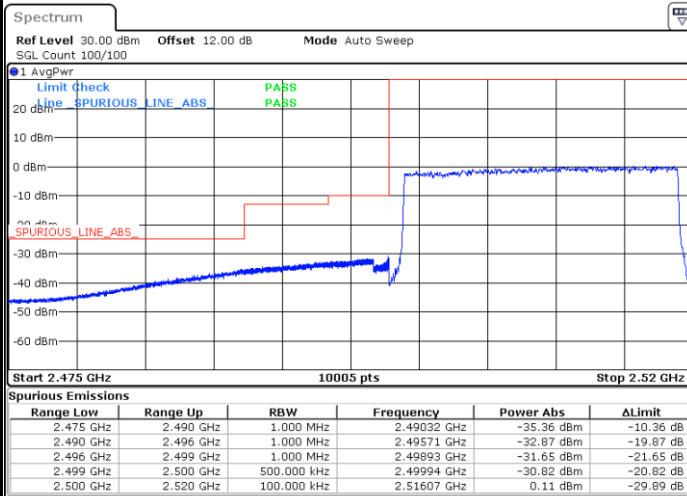
Date: 27.APR.2022 10:55:35

Highest Band Edge / 1 RB



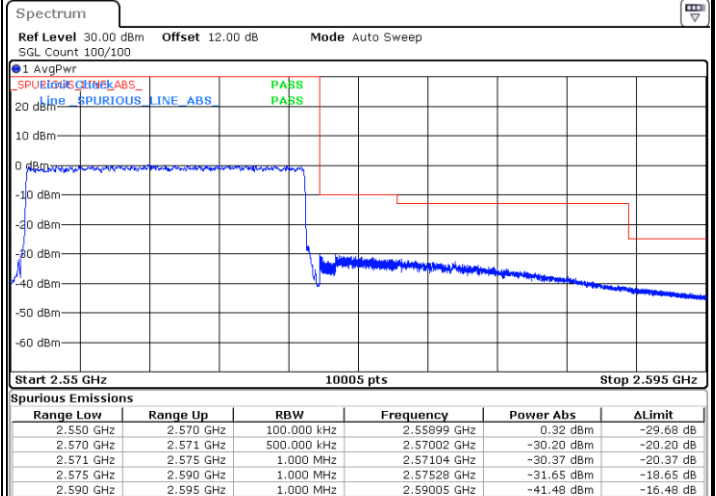
Date: 27.APR.2022 10:58:07

Lowest Band Edge / Full RB



Date: 27.APR.2022 10:56:31

Highest Band Edge / Full RB

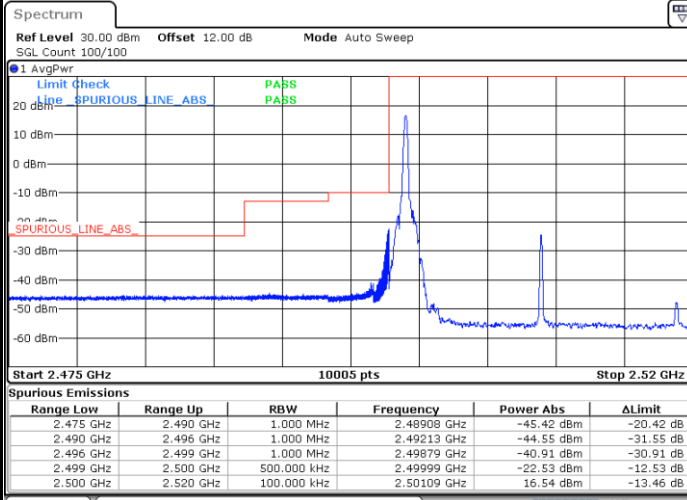


Date: 27.APR.2022 10:59:04



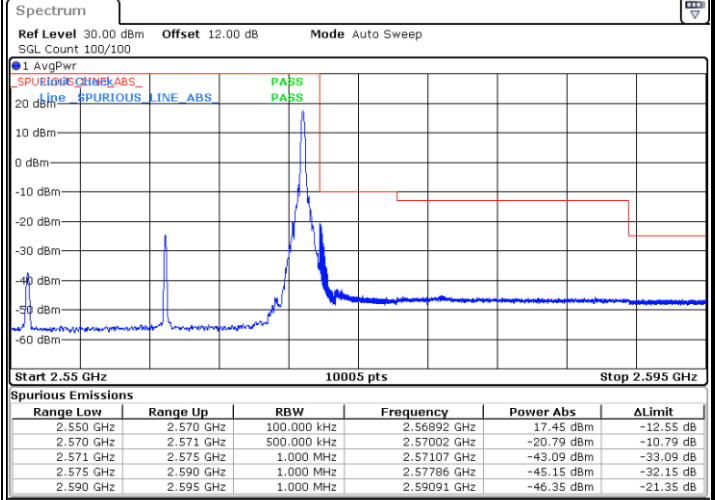
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



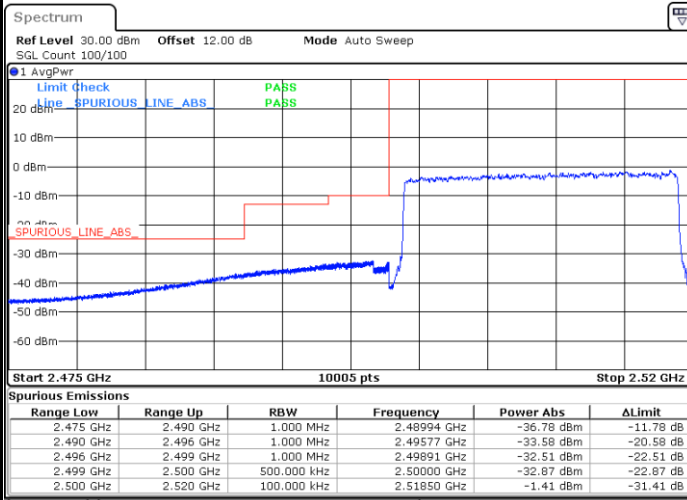
Date: 27.APR.2022 13:54:10

Highest Band Edge / 1 RB



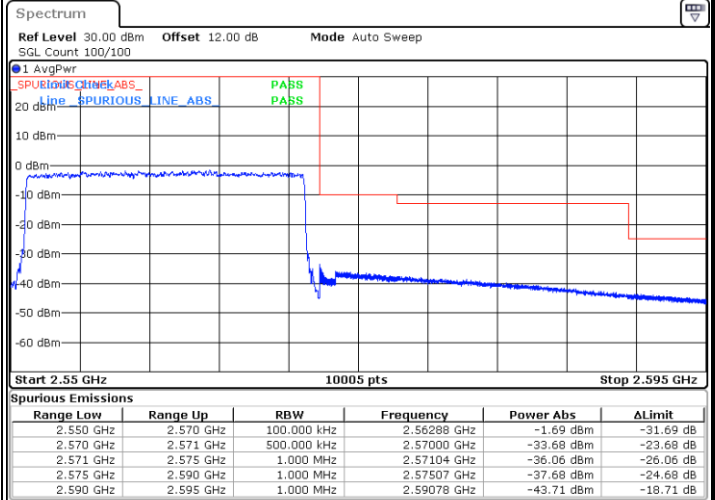
Date: 27.APR.2022 13:56:45

Lowest Band Edge / Full RB



Date: 27.APR.2022 13:55:09

Highest Band Edge / Full RB



Date: 27.APR.2022 13:57:43

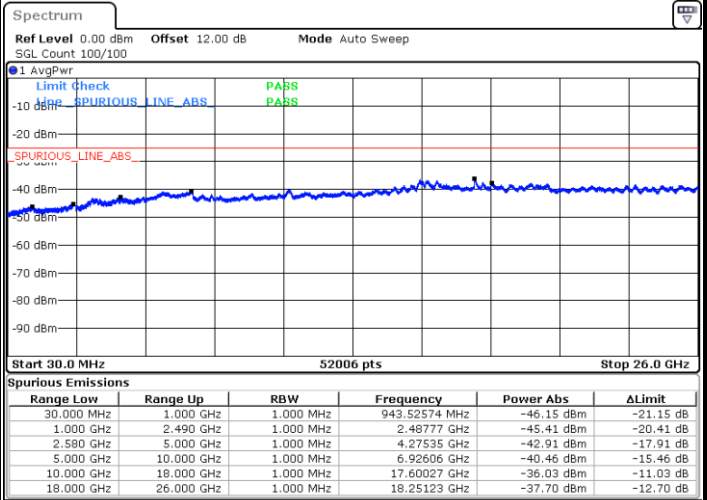
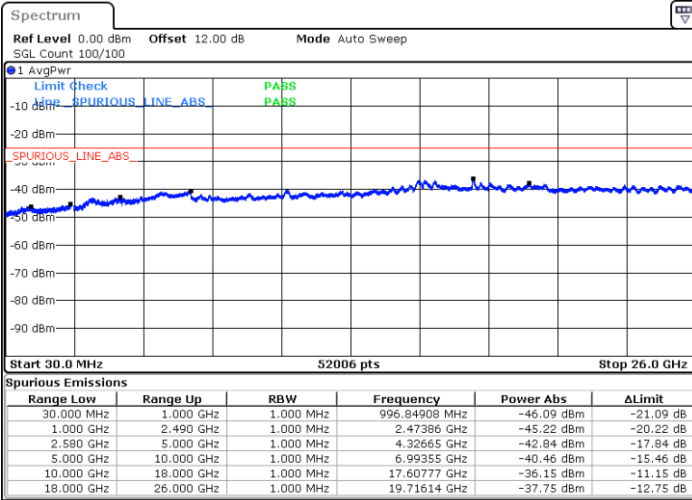


# Conducted Spurious Emission

## LTE Band 7 / 5MHz

### Lowest Channel / QPSK

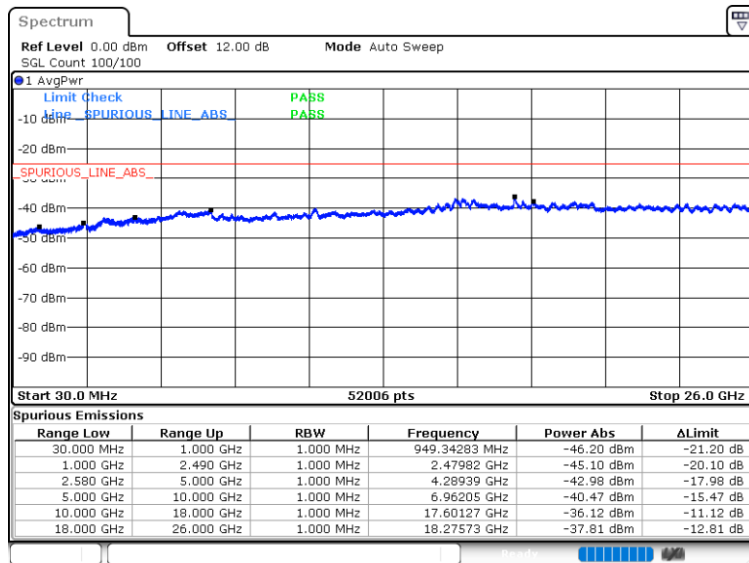
### Middle Channel / QPSK



Date: 13.APR.2022 11:33:52

Date: 13.APR.2022 11:36:51

### Highest Channel / QPSK



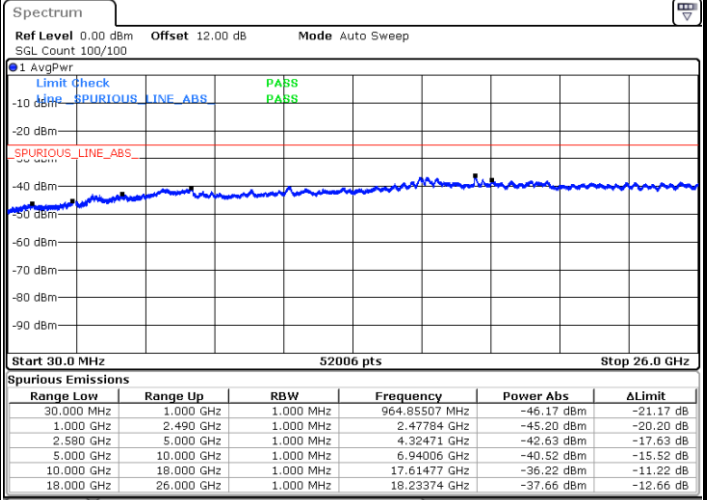
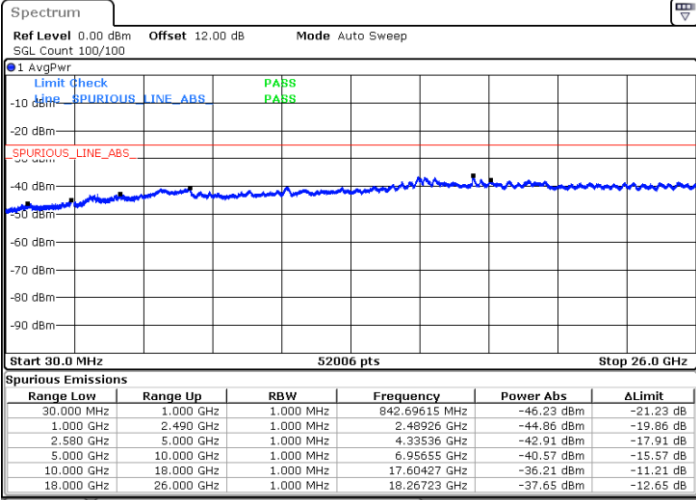
Date: 13.APR.2022 11:41:50



LTE Band 7 / 10MHz

Lowest Channel / QPSK

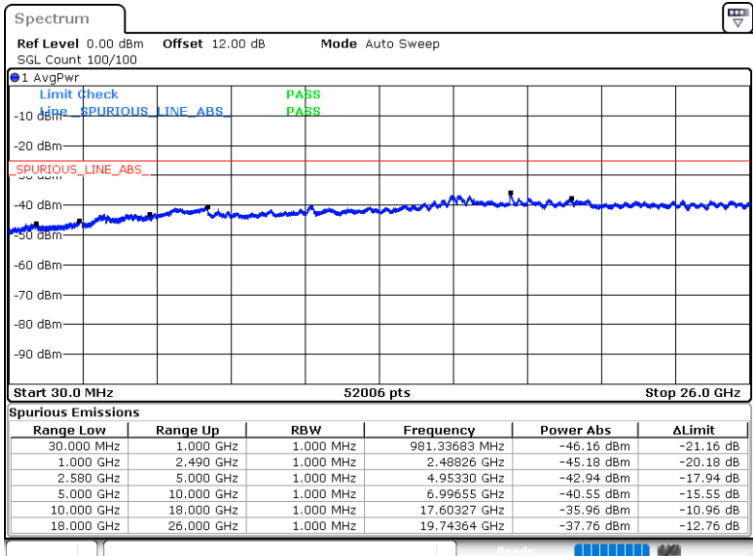
Middle Channel / QPSK



Date: 13.APR.2022 11:51:16

Date: 13.APR.2022 11:54:15

Highest Channel / QPSK



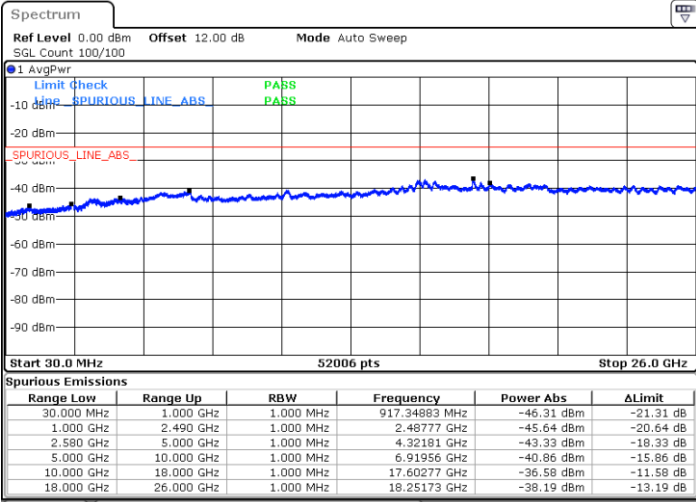
Date: 13.APR.2022 11:59:14



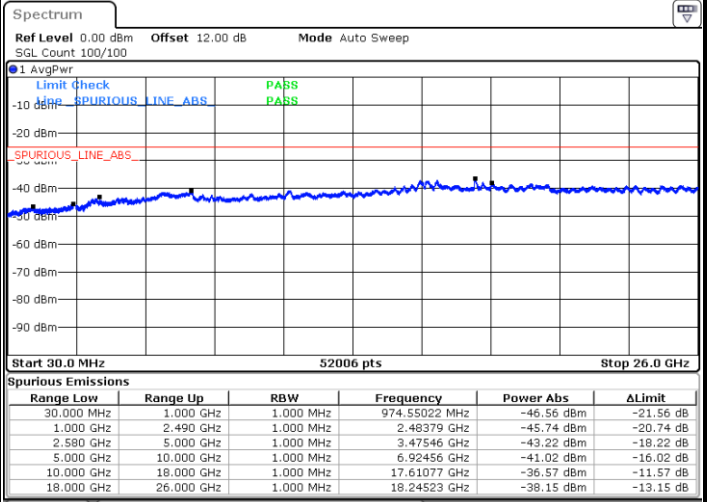
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

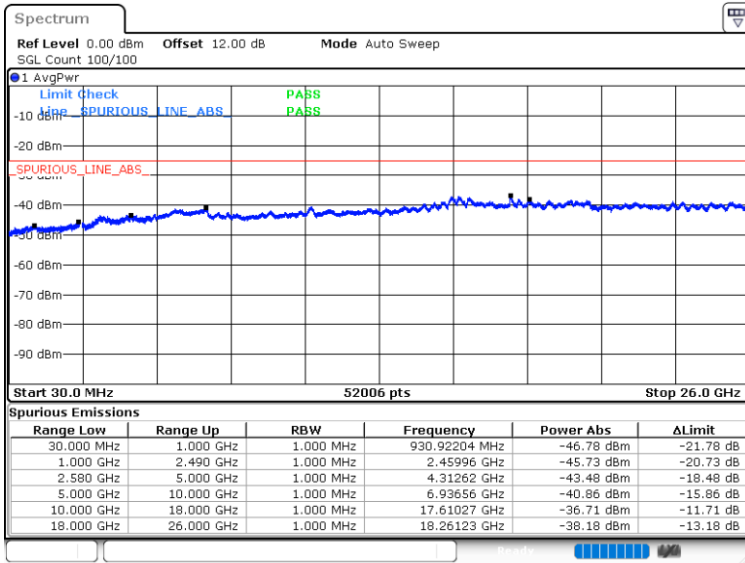


Date: 27.APR.2022 10:27:20



Date: 27.APR.2022 10:30:19

Highest Channel / QPSK



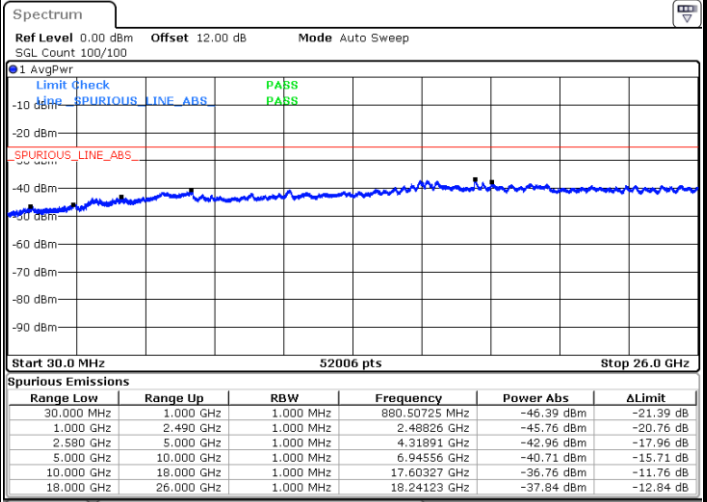
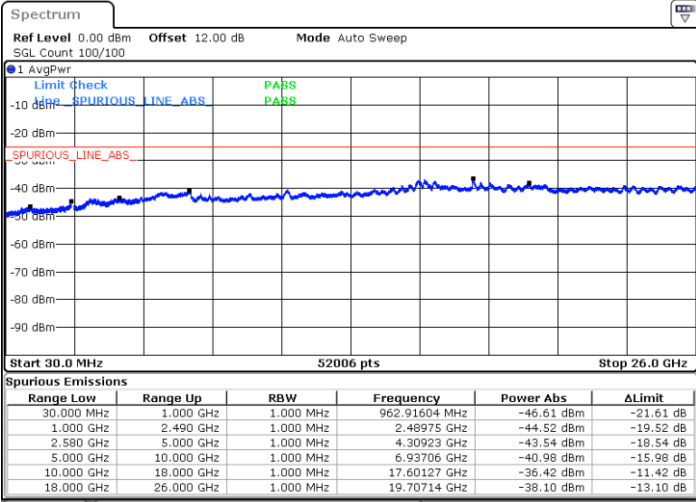
Date: 27.APR.2022 10:35:19



LTE Band 7 / 20MHz

Lowest Channel / QPSK

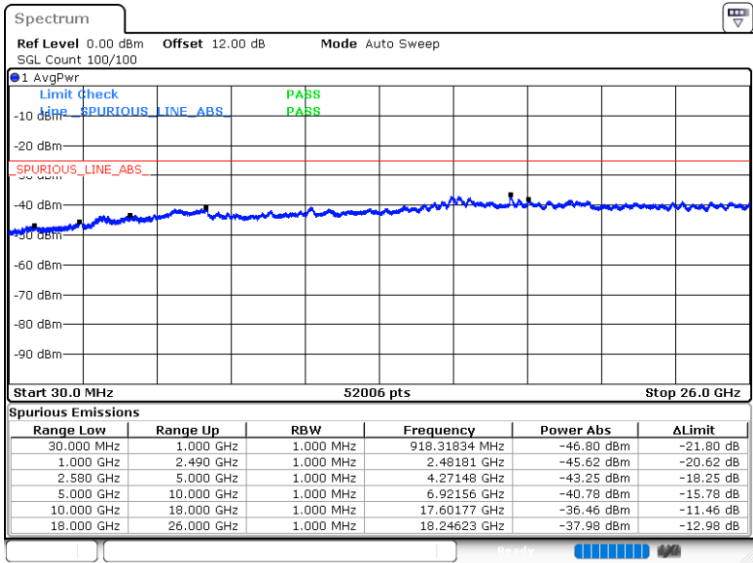
Middle Channel / QPSK



Date: 27.APR.2022 10:46:38

Date: 27.APR.2022 10:49:38

Highest Channel / QPSK



Date: 27.APR.2022 10:54:37



### Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0072	PASS
40	Normal Voltage	0.0053	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0066	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0020	

**Note:**

- 1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 7C

## 26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.03	25.67	30.75	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	35.04	42.60	

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.48	30.63	34.69
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	35.04	40.04	

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.97	25.43	30.69	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	34.97	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.79	25.43	30.51	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.90	39.72	

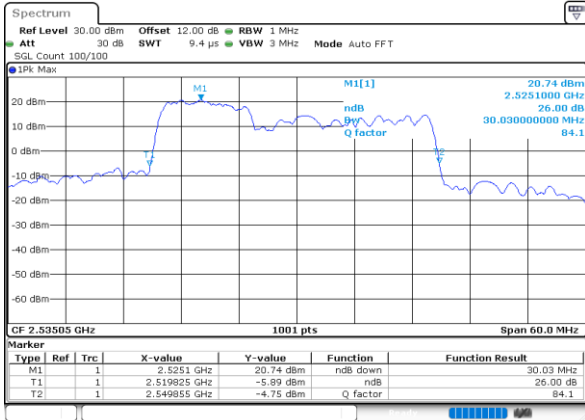




LTE Band 7C

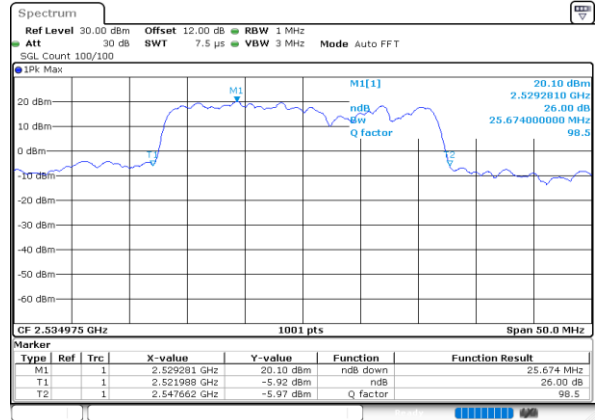
QPSK

Middle Channel / 10MHz+20MHz



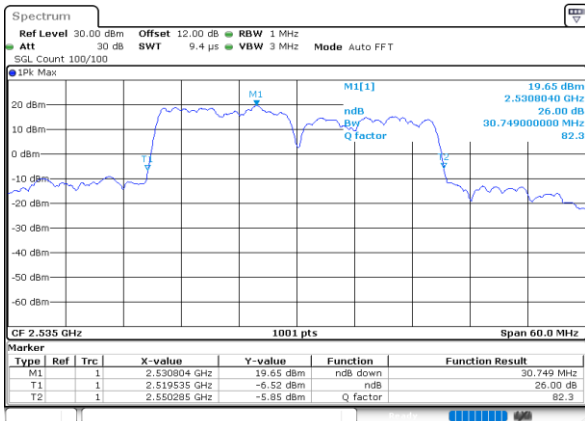
Date: 9.APR.2022 12:15:37

Middle Channel / 15MHz+10MHz



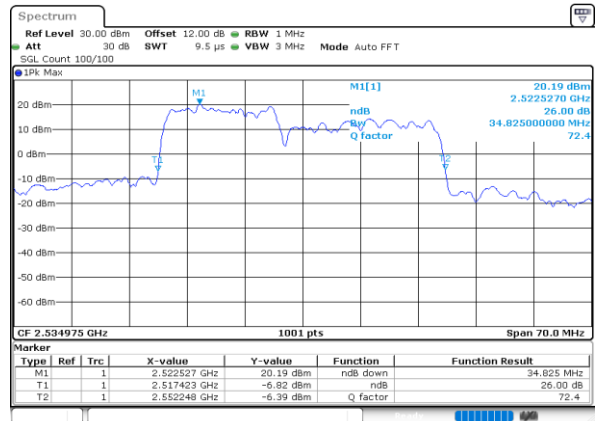
Date: 11.APR.2022 11:00:19

Middle Channel / 15MHz+15MHz



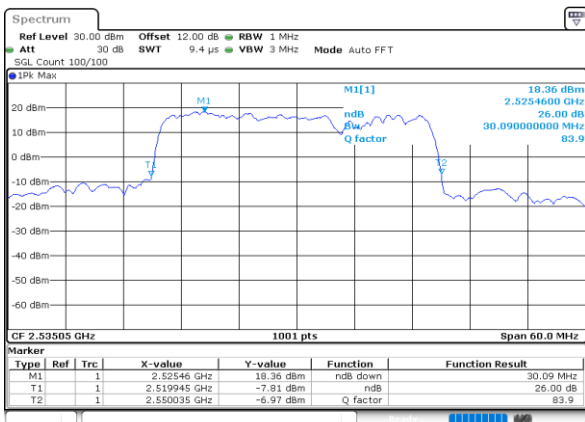
Date: 9.APR.2022 14:04:27

Middle Channel / 15MHz+20MHz



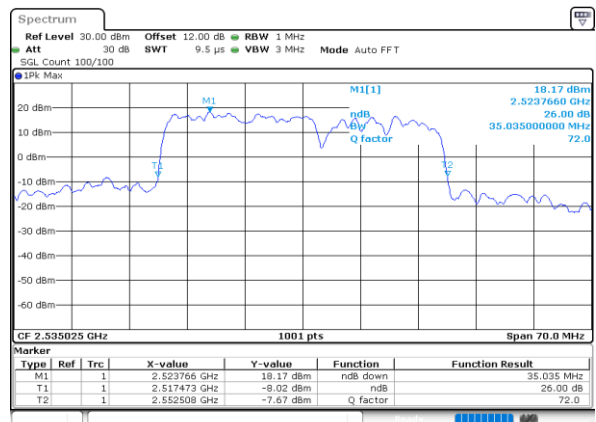
Date: 9.APR.2022 15:08:20

Middle Channel / 20MHz+10MHz



Date: 9.APR.2022 12:15:18

Middle Channel / 20MHz+15MHz



Date: 9.APR.2022 15:14:59

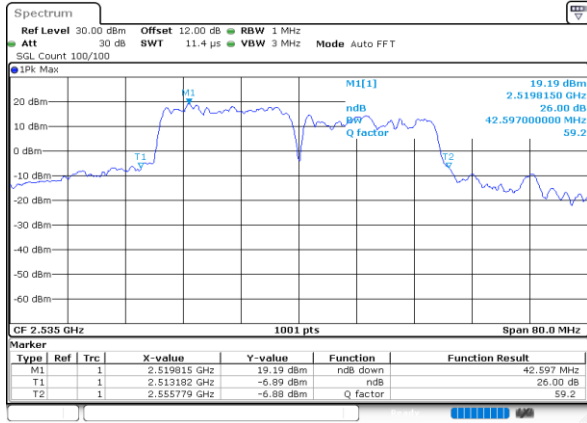


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

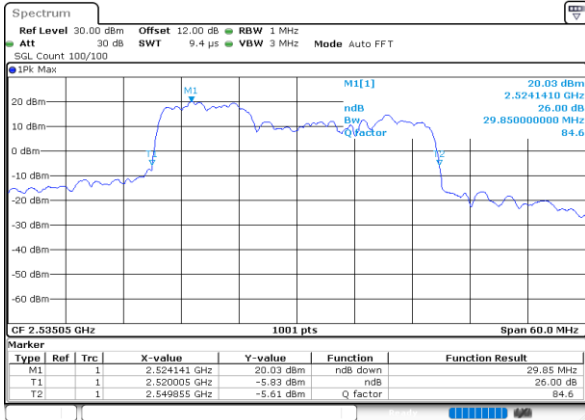




LTE Band 7C

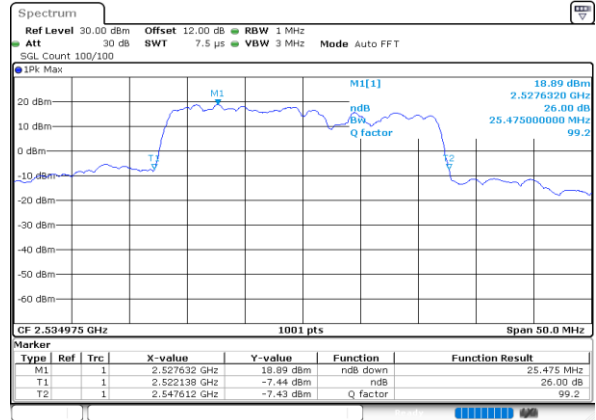
16QAM

Middle Channel / 10MHz+20MHz



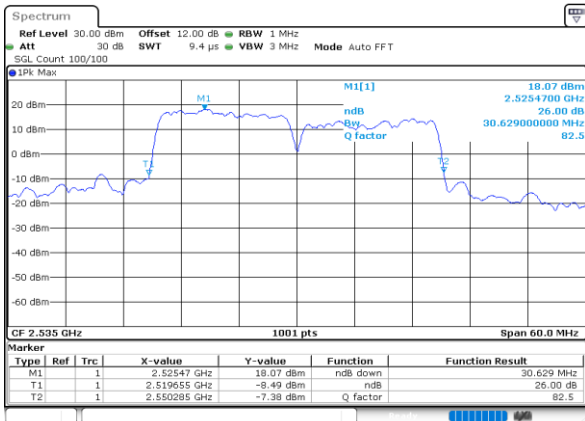
Date: 9.APR.2022 12:15:07

Middle Channel / 15MHz+10MHz



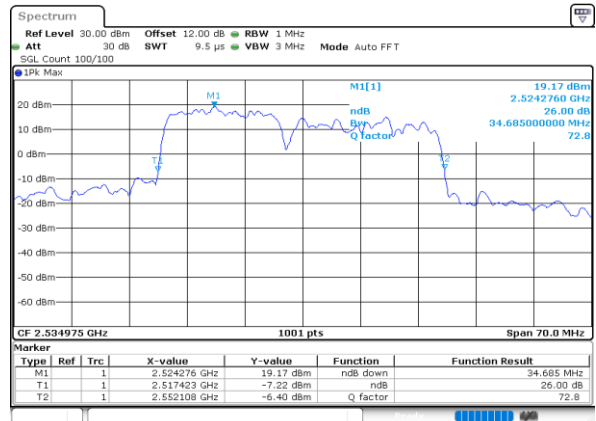
Date: 11.APR.2022 10:59:48

Middle Channel / 15MHz+15MHz



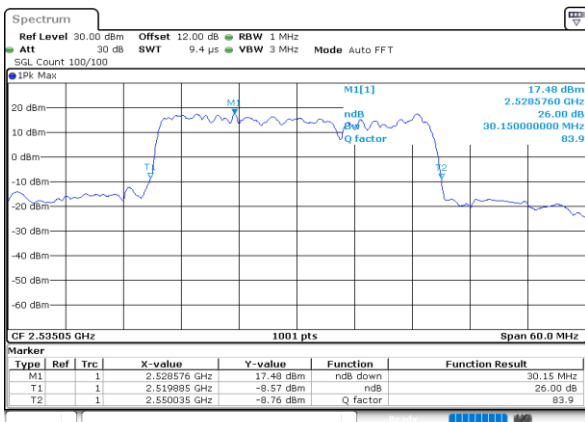
Date: 9.APR.2022 14:03:57

Middle Channel / 15MHz+20MHz



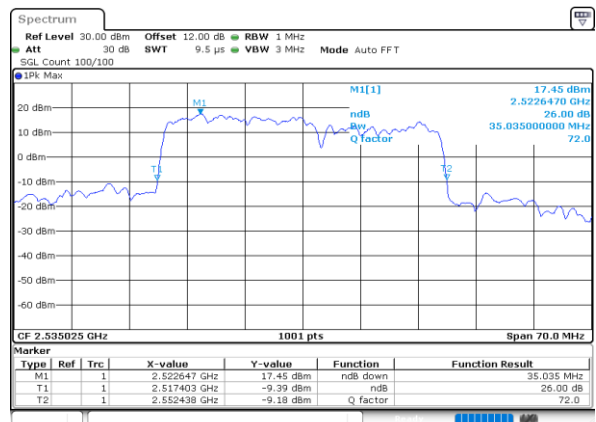
Date: 9.APR.2022 15:07:50

Middle Channel / 20MHz+10MHz



Date: 9.APR.2022 12:15:48

Middle Channel / 20MHz+15MHz



Date: 9.APR.2022 15:14:29



LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

