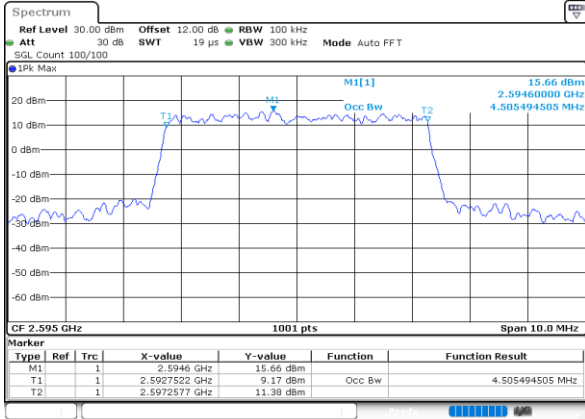




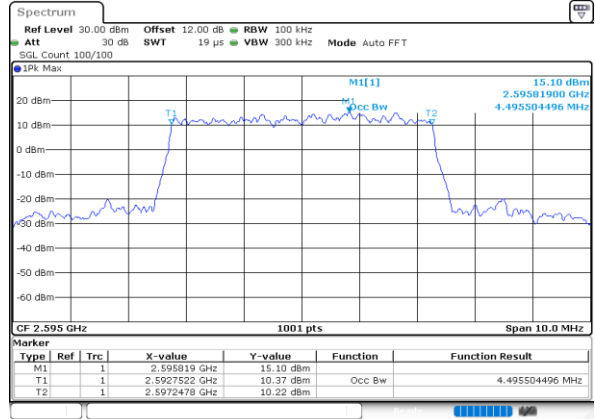
LTE Band 38

Middle Channel / 5MHz / QPSK



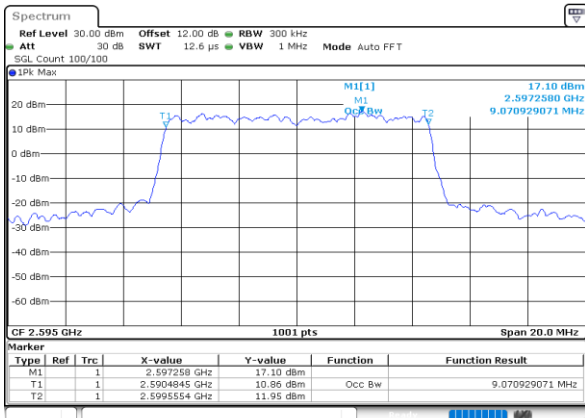
Date: 8.APR.2022 15:59:40

Middle Channel / 5MHz / 16QAM



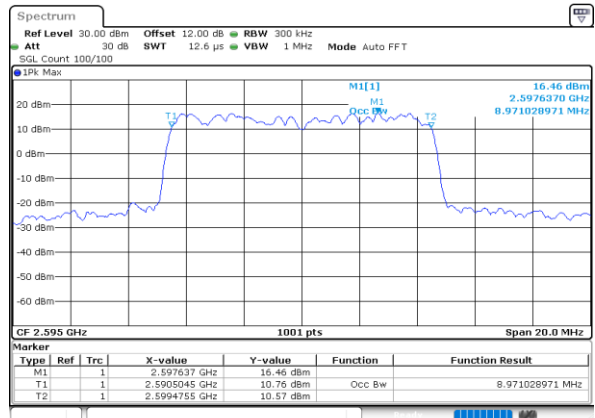
Date: 8.APR.2022 16:00:06

Middle Channel / 10MHz / QPSK



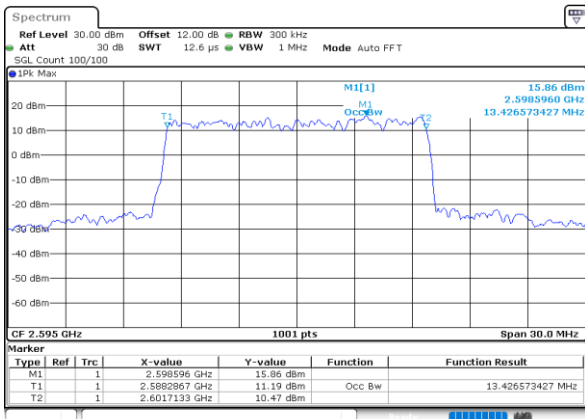
Date: 8.APR.2022 16:01:24

Middle Channel / 10MHz / 16QAM



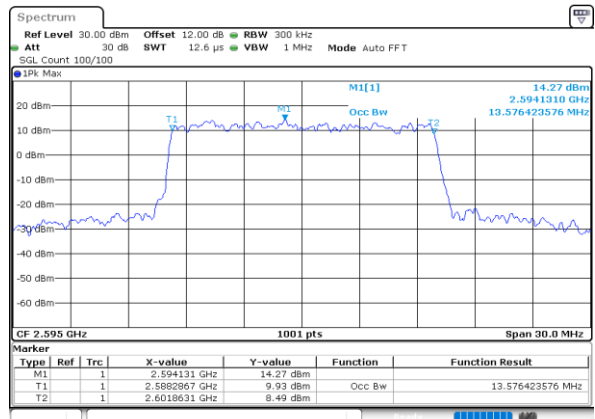
Date: 8.APR.2022 16:01:50

Middle Channel / 15MHz / QPSK



Date: 8.APR.2022 16:03:09

Middle Channel / 15MHz / 16QAM

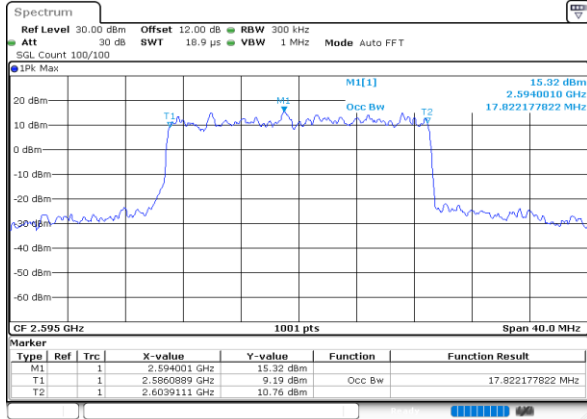


Date: 8.APR.2022 16:03:35



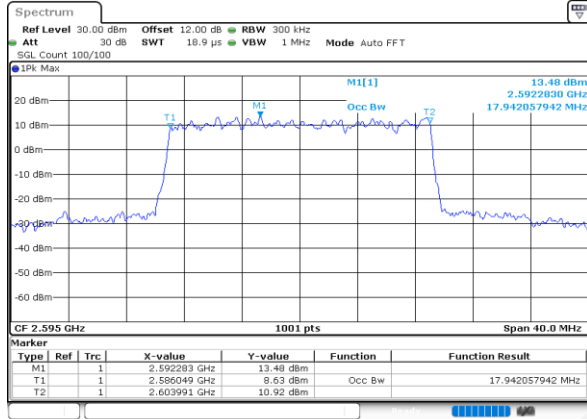
LTE Band 38

Middle Channel / 20MHz / QPSK



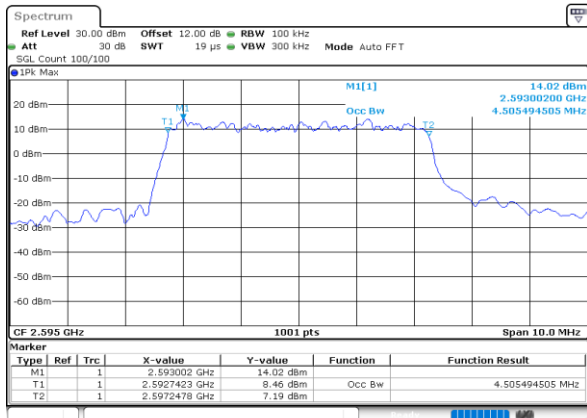
Date: 8.APR.2022 16:04:53

Middle Channel / 20MHz / 16QAM



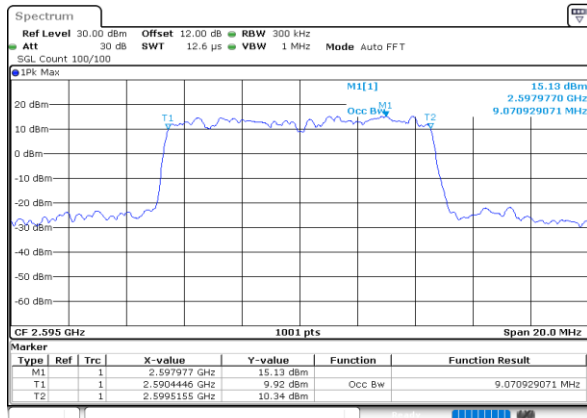
Date: 8.APR.2022 16:05:19

Middle Channel / 5MHz / 64QAM



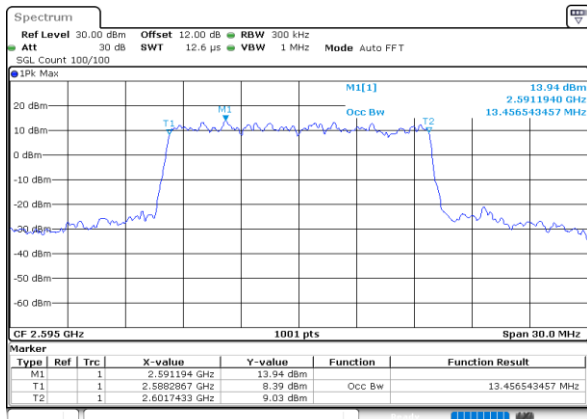
Date: 8.APR.2022 16:06:38

Middle Channel / 10MHz / 64QAM



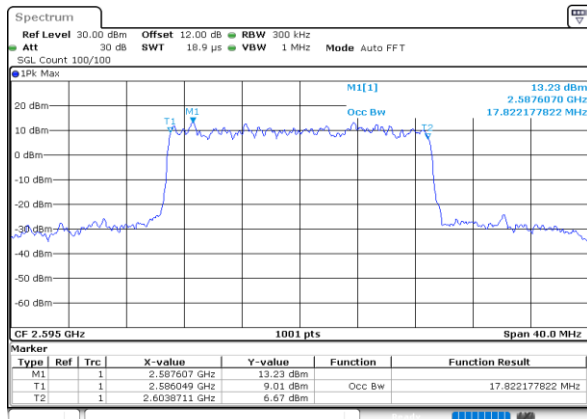
Date: 8.APR.2022 16:07:18

Middle Channel / 15MHz / 64QAM



Date: 8.APR.2022 16:07:59

Middle Channel / 20MHz / 64QAM

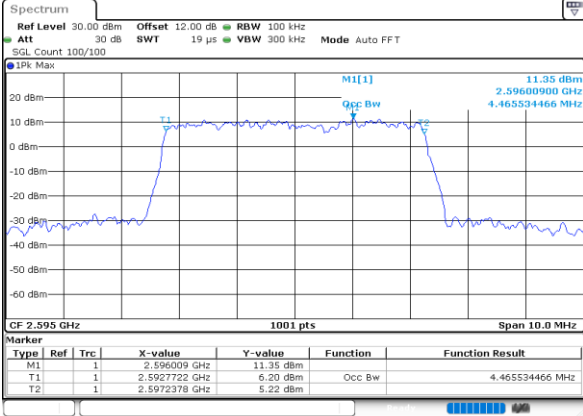


Date: 8.APR.2022 16:08:39



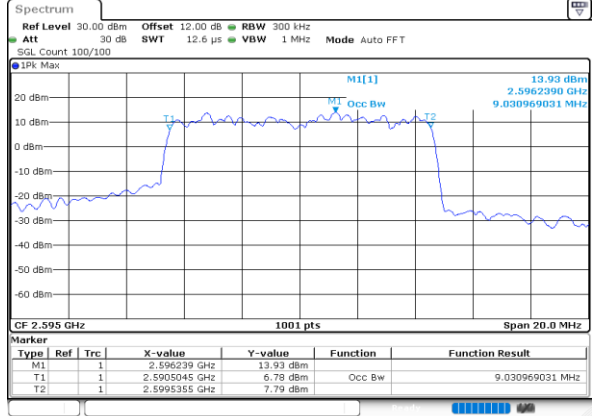
LTE Band 38

Middle Channel / 5MHz / 256QAM



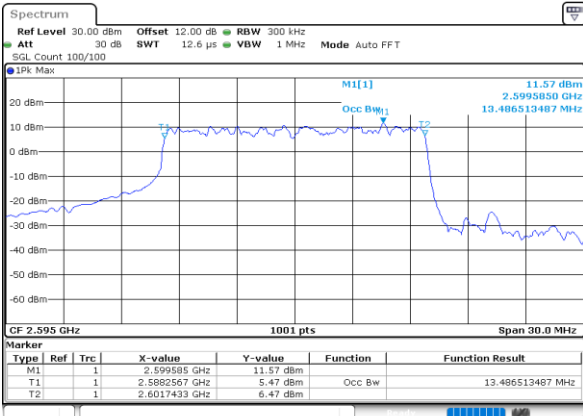
Date: 8.APR.2022 16:10:30

Middle Channel / 10MHz / 256QAM



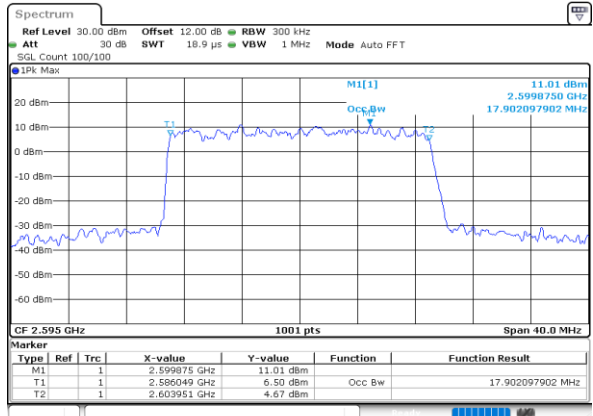
Date: 8.APR.2022 16:11:11

Middle Channel / 15MHz / 256QAM



Date: 8.APR.2022 16:11:51

Middle Channel / 20MHz / 256QAM



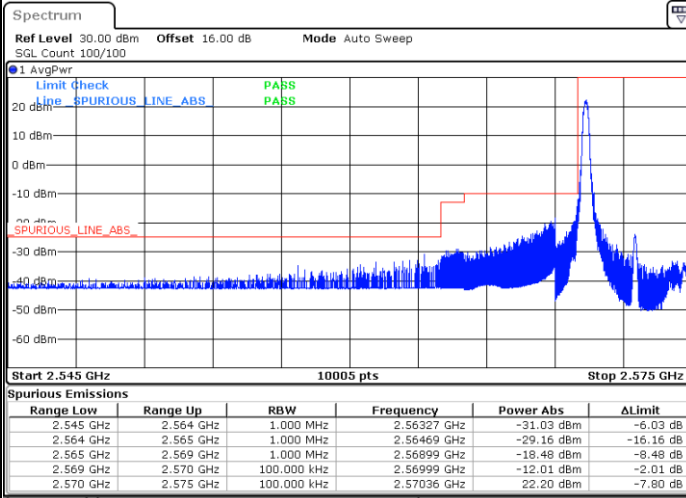
Date: 8.APR.2022 16:12:32



# Conducted Band Edge

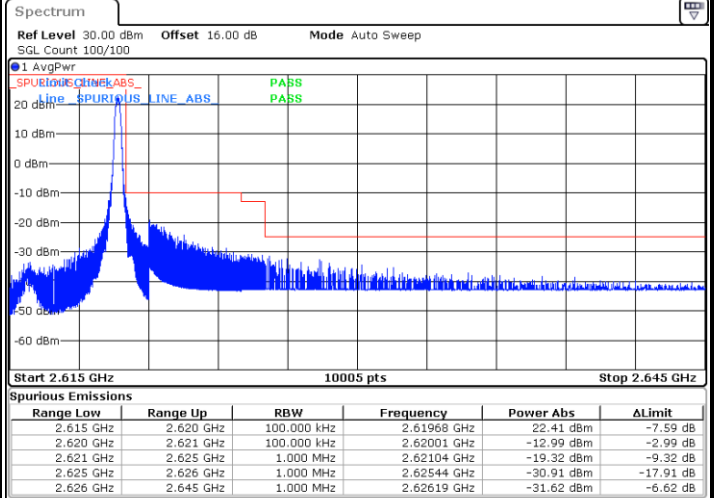
## LTE Band 38 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



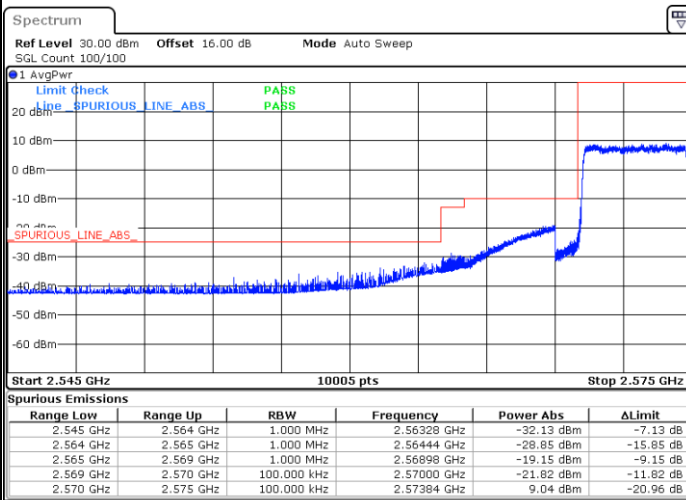
Date: 8.APR.2022 14:48:39

### Highest Band Edge / 1 RB



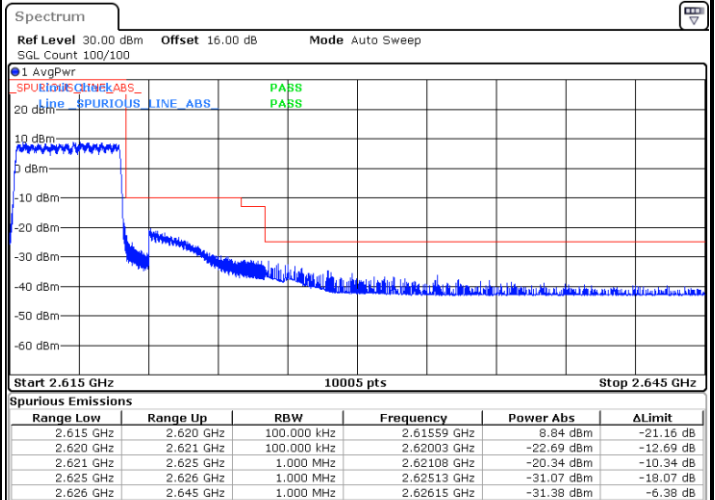
Date: 8.APR.2022 14:53:12

### Lowest Band Edge / Full RB



Date: 8.APR.2022 14:50:10

### Highest Band Edge / Full RB

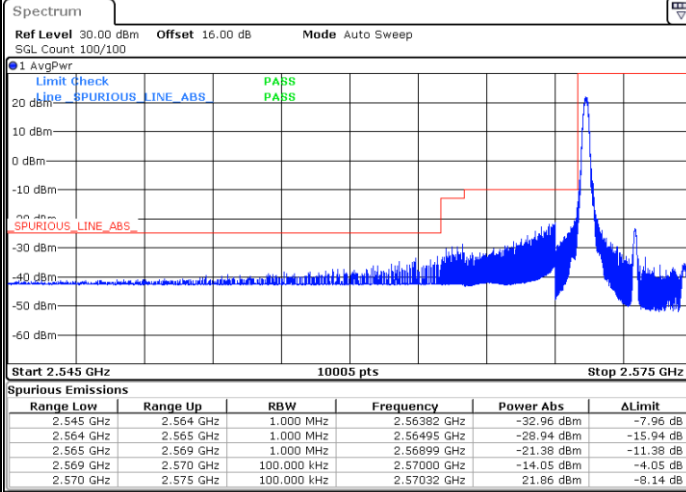


Date: 8.APR.2022 14:51:41



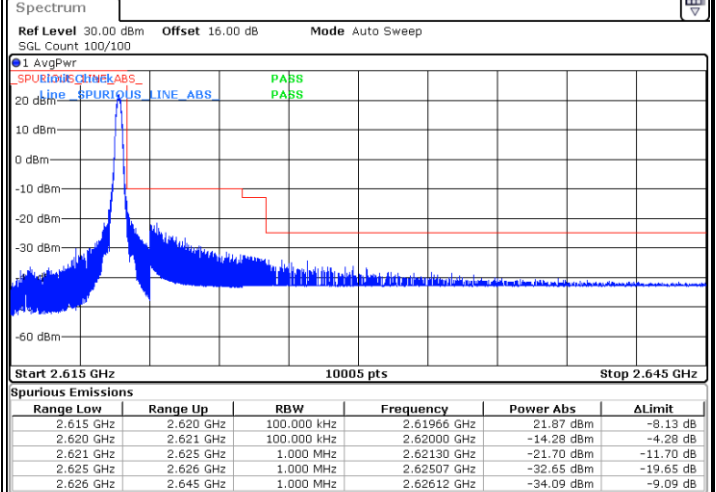
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



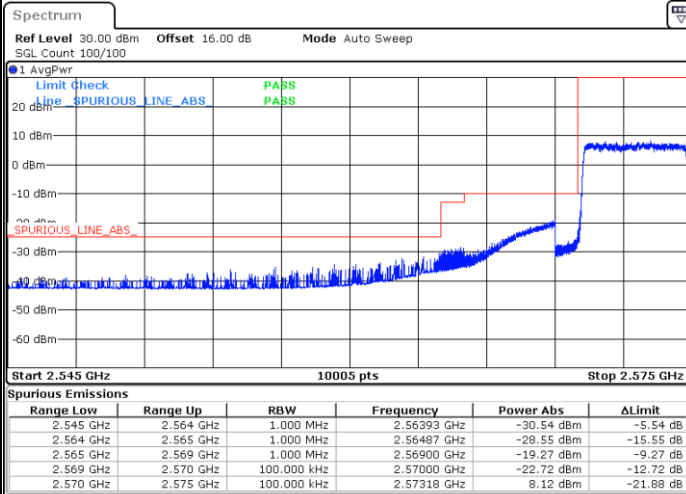
Date: 8.APR.2022 14:49:24

Highest Band Edge / 1 RB



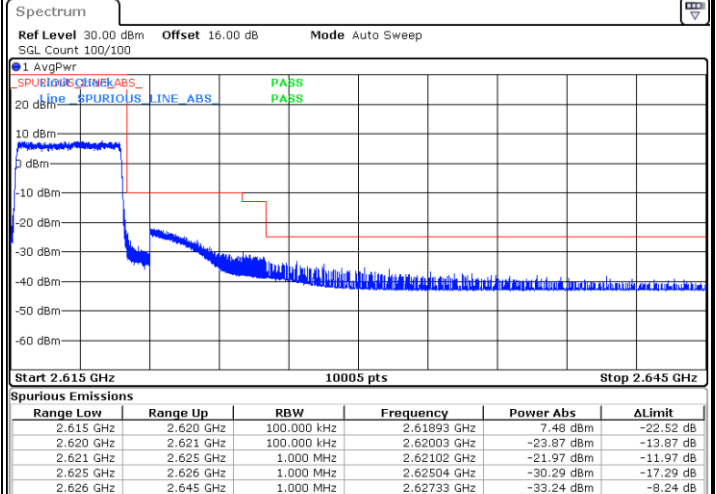
Date: 8.APR.2022 14:53:58

Lowest Band Edge / Full RB



Date: 8.APR.2022 14:50:55

Highest Band Edge / Full RB

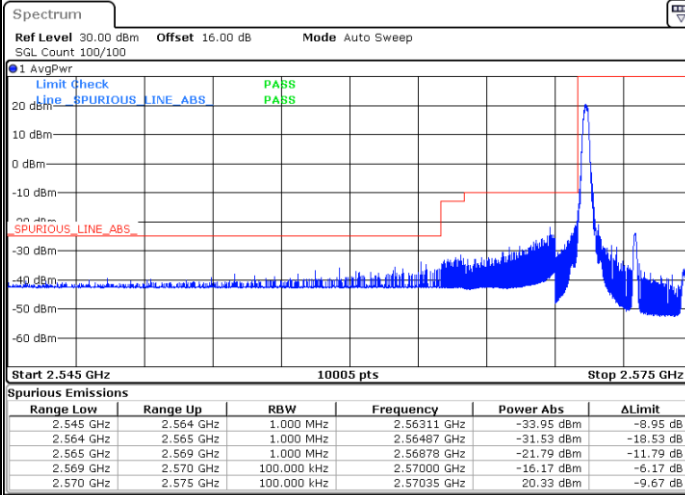


Date: 8.APR.2022 14:52:27



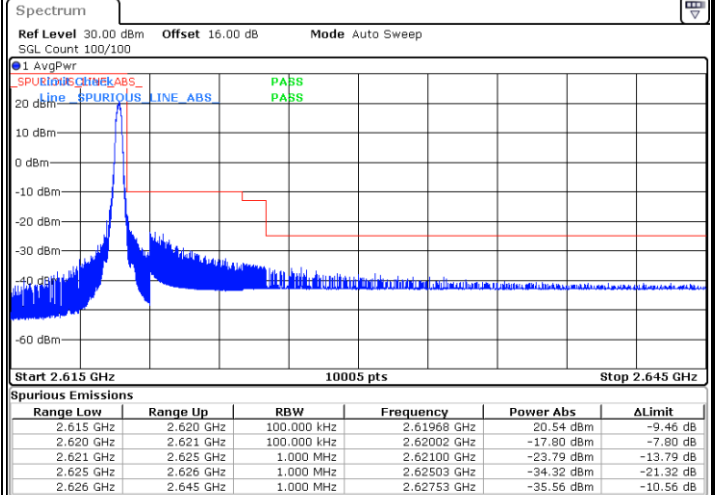
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



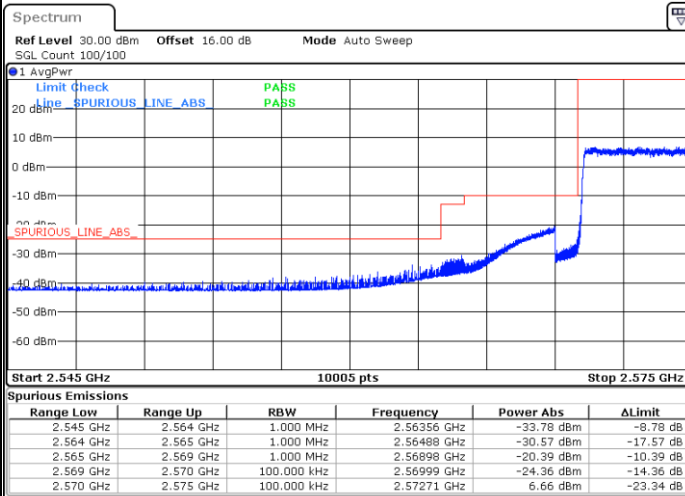
Date: 8.APR.2022 14:54:44

Highest Band Edge / 1 RB



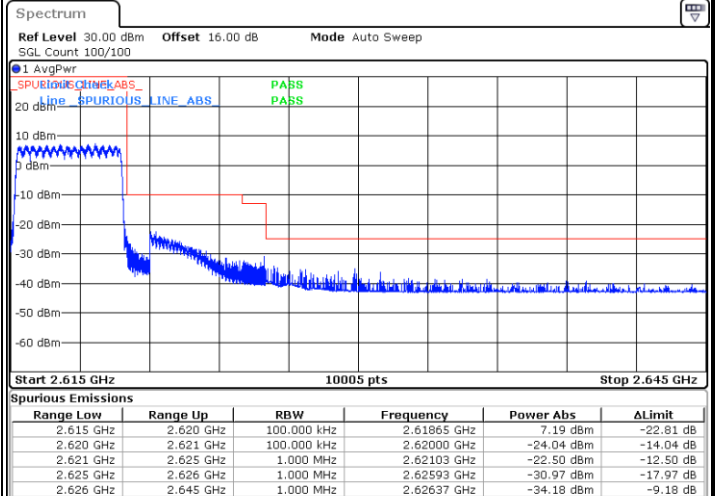
Date: 8.APR.2022 14:57:01

Lowest Band Edge / Full RB



Date: 8.APR.2022 14:55:29

Highest Band Edge / Full RB

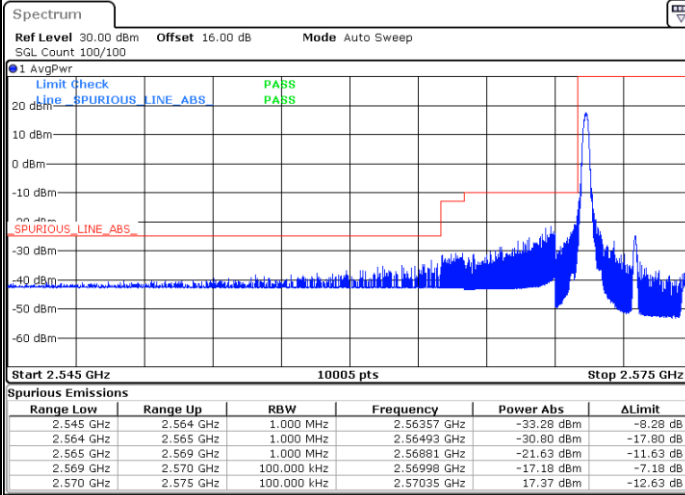


Date: 8.APR.2022 14:56:15



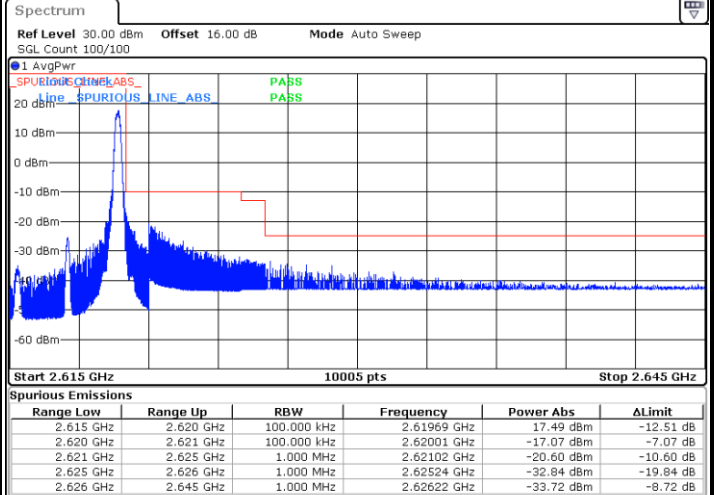
LTE Band 38 / 5MHz / 256QAM

Lowest Band Edge / 1RB



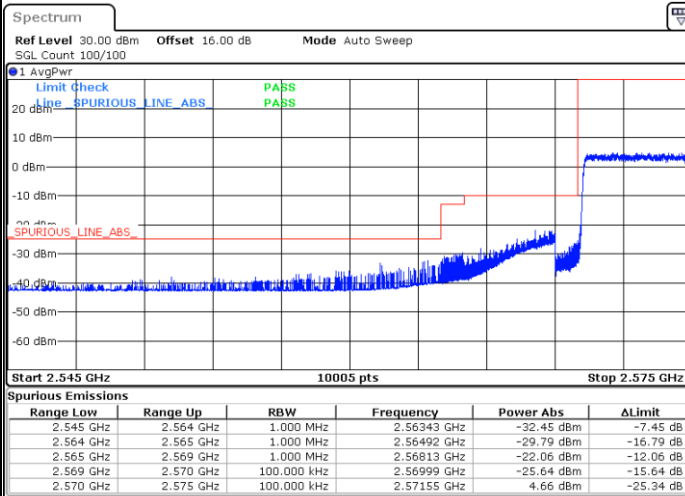
Date: 8.APR.2022 15:42:03

Highest Band Edge / 1 RB



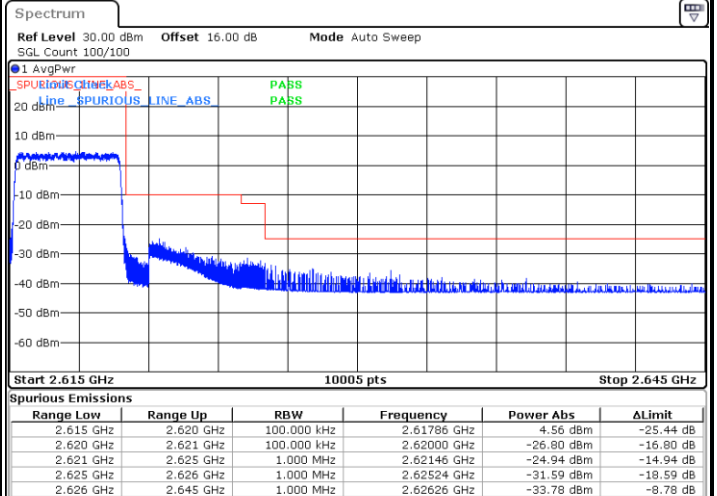
Date: 8.APR.2022 15:45:17

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:43:40

Highest Band Edge / Full RB

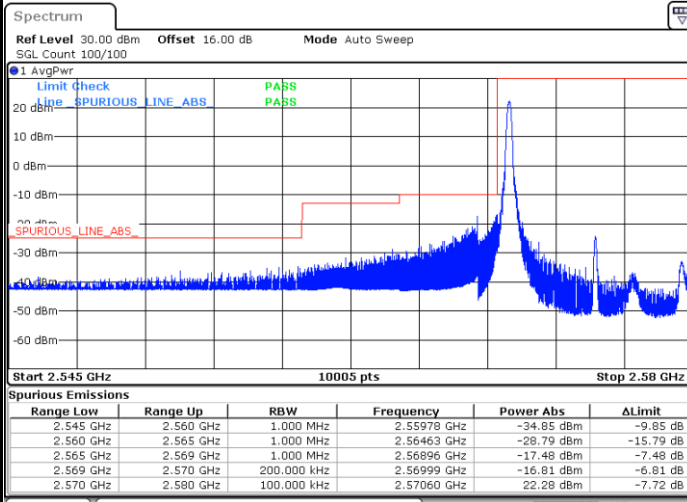


Date: 8.APR.2022 15:44:28



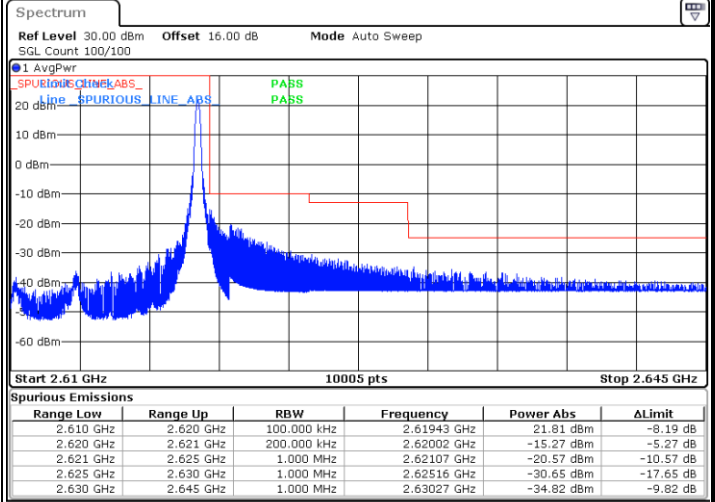
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



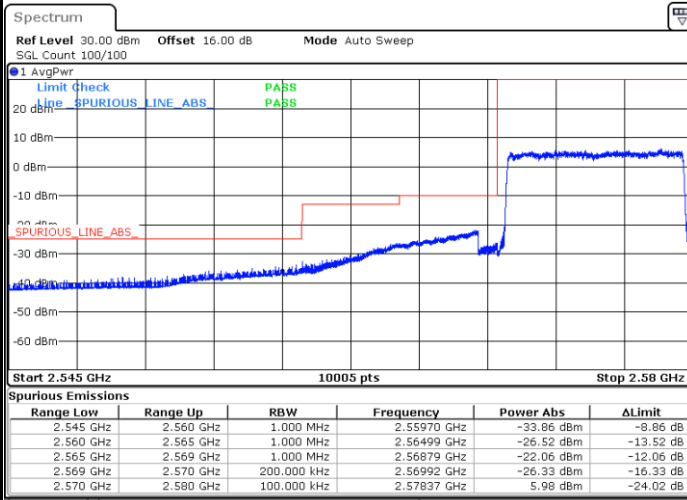
Date: 8.APR.2022 15:00:50

Highest Band Edge / 1 RB



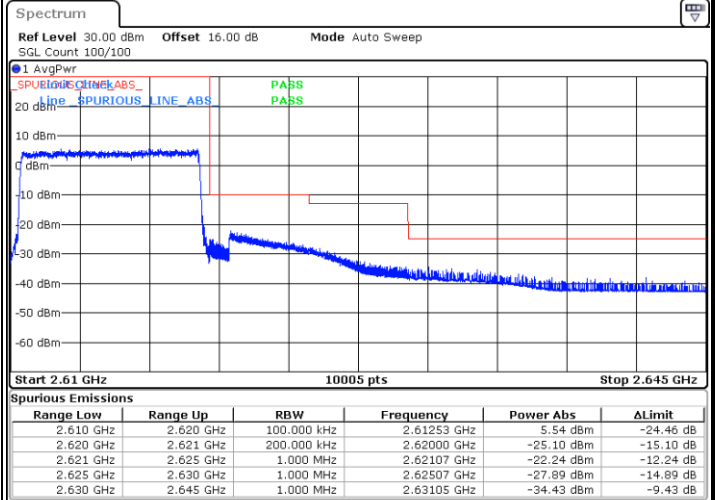
Date: 8.APR.2022 15:05:24

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:02:22

Highest Band Edge / Full RB



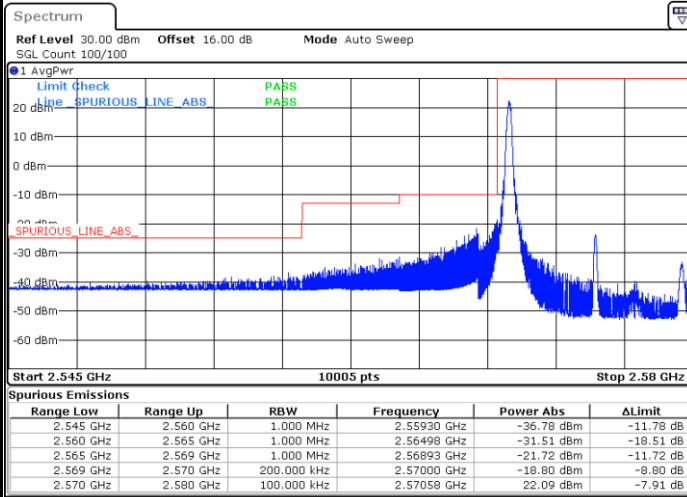
Date: 8.APR.2022 15:03:53





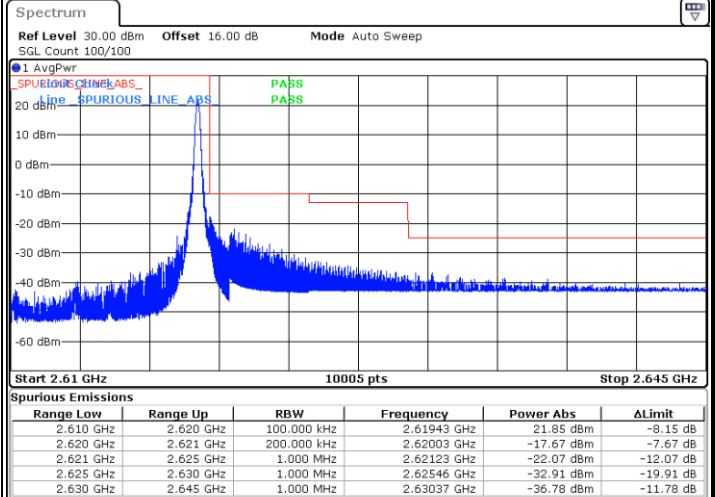
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



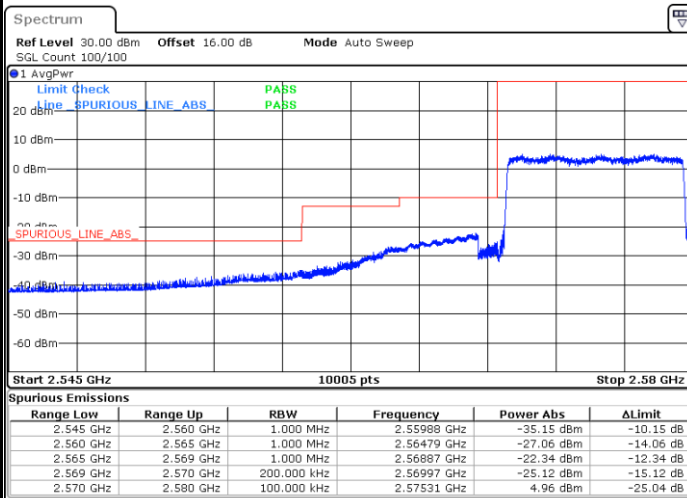
Date: 8.APR.2022 15:01:35

Highest Band Edge / 1 RB



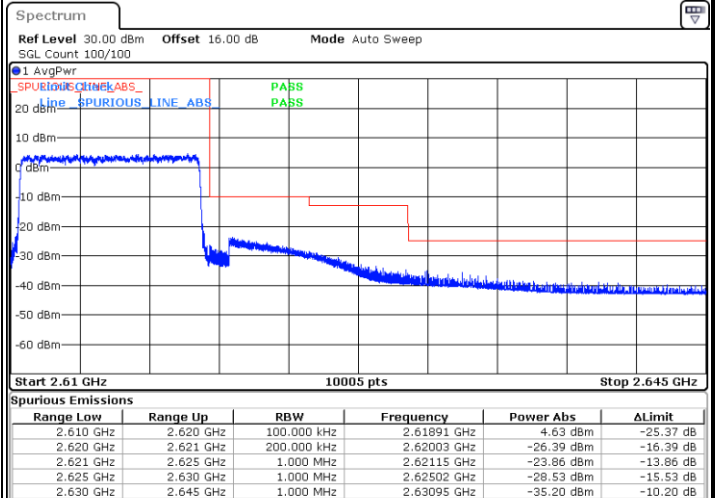
Date: 8.APR.2022 15:06:10

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:03:07

Highest Band Edge / Full RB

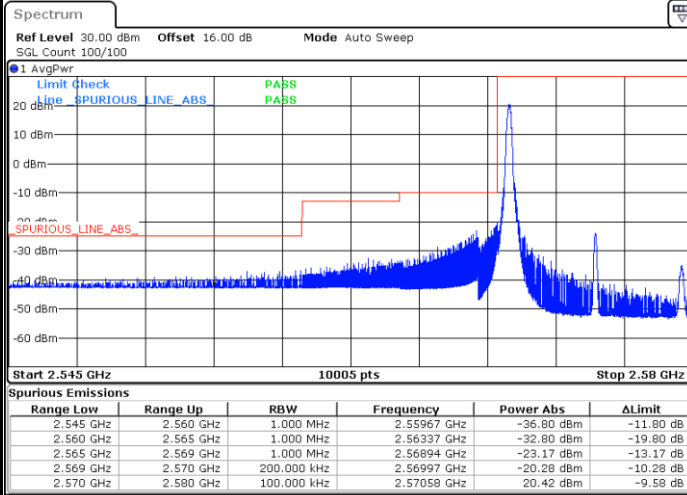


Date: 8.APR.2022 15:04:38



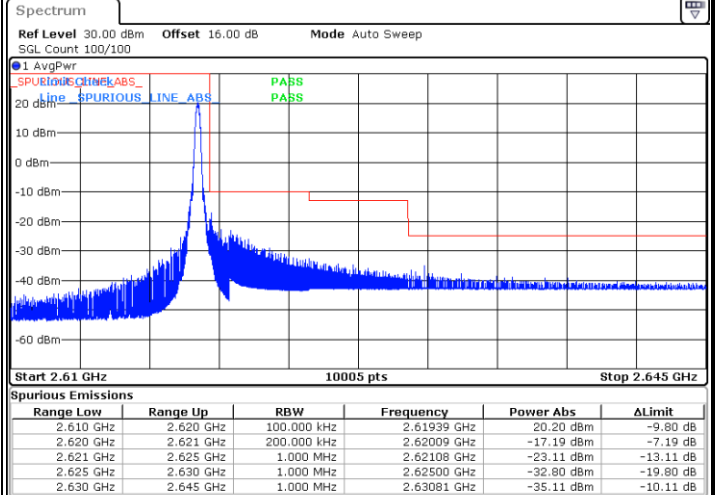
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



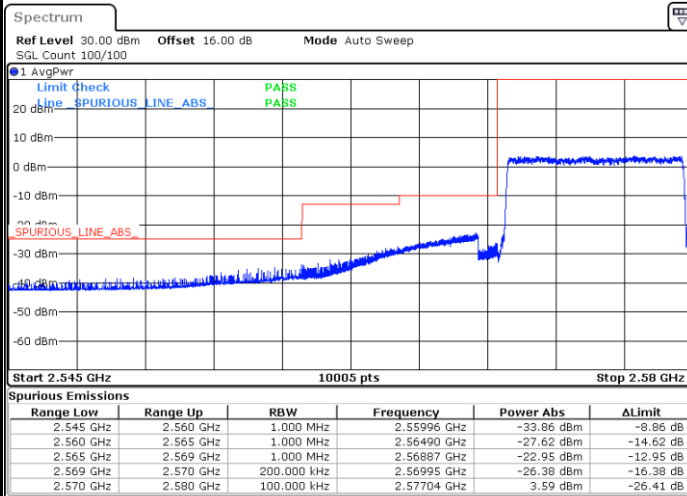
Date: 8.APR.2022 14:57:47

Highest Band Edge / 1 RB



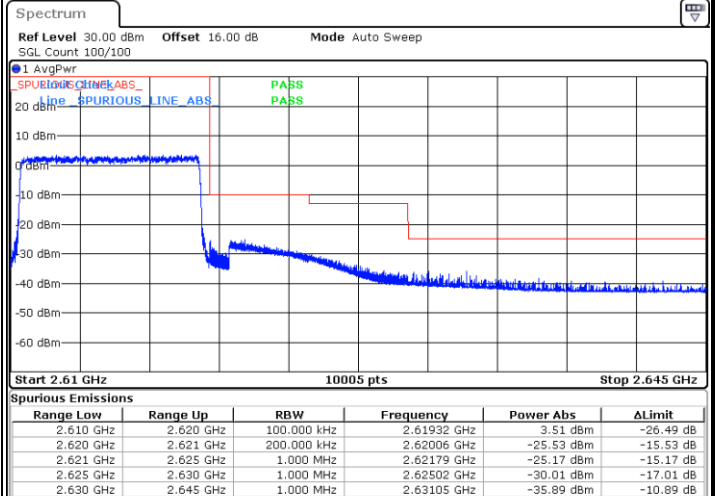
Date: 8.APR.2022 15:00:04

Lowest Band Edge / Full RB



Date: 8.APR.2022 14:58:32

Highest Band Edge / Full RB

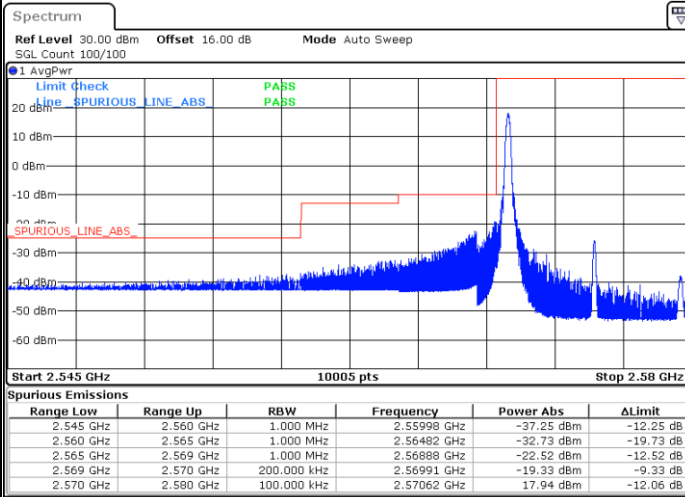


Date: 8.APR.2022 14:59:18



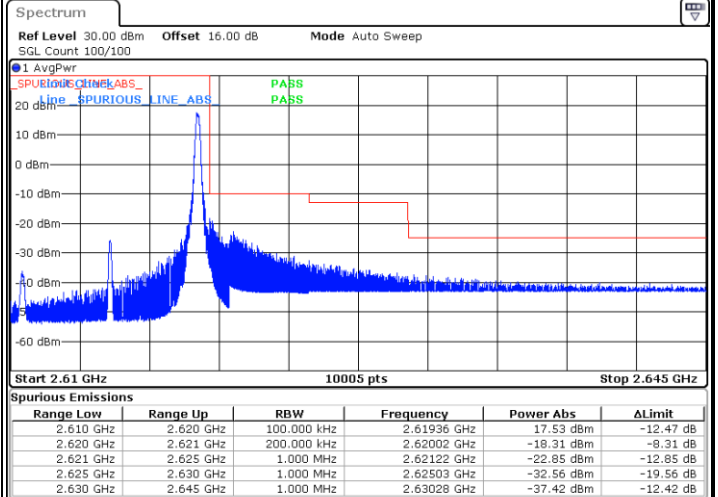
LTE Band 38 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



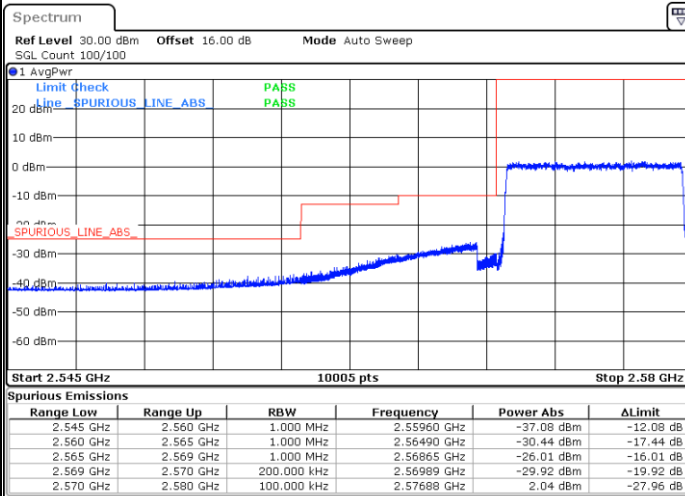
Date: 8.APR.2022 15:46:54

Highest Band Edge / 1 RB



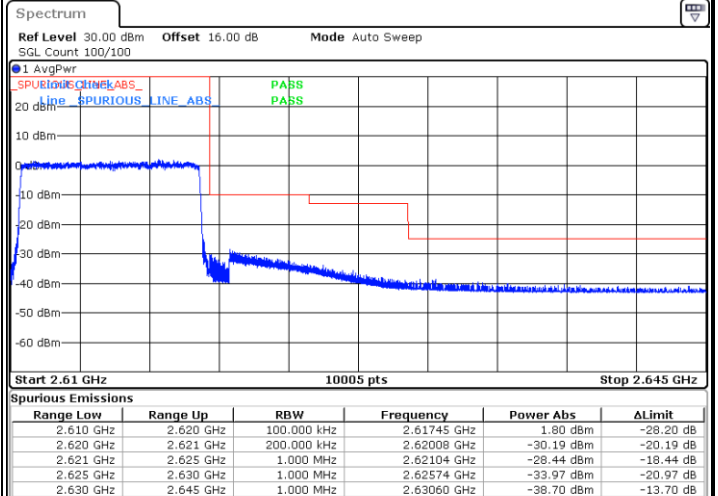
Date: 8.APR.2022 15:49:19

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:47:42

Highest Band Edge / Full RB

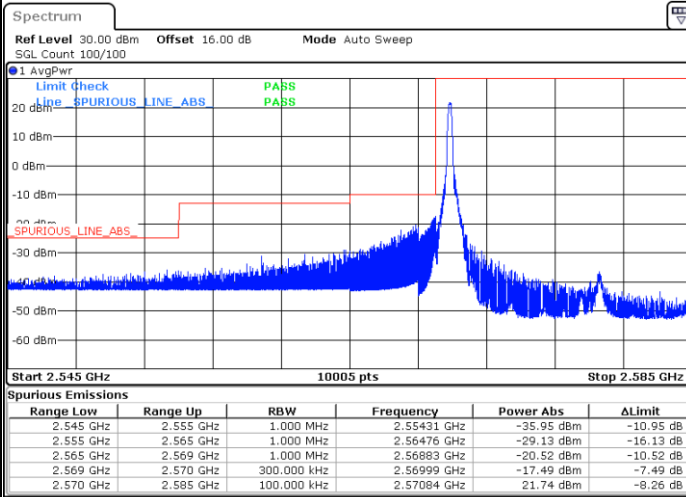


Date: 8.APR.2022 15:48:31



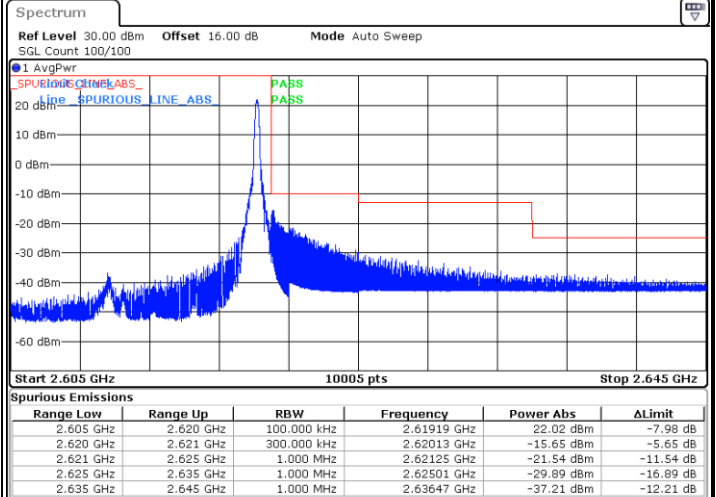
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



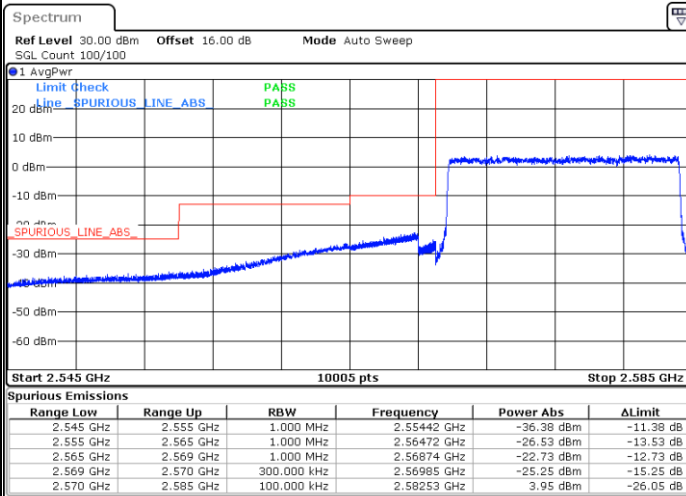
Date: 8.APR.2022 15:06:56

Highest Band Edge / 1 RB



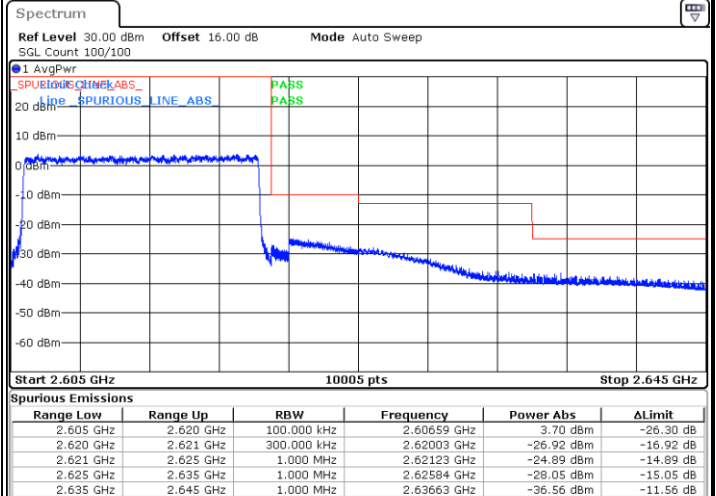
Date: 8.APR.2022 15:11:30

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:08:28

Highest Band Edge / Full RB

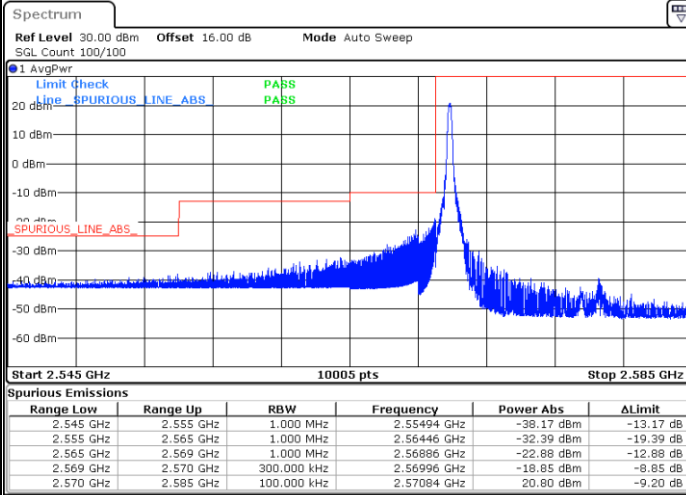


Date: 8.APR.2022 15:09:59



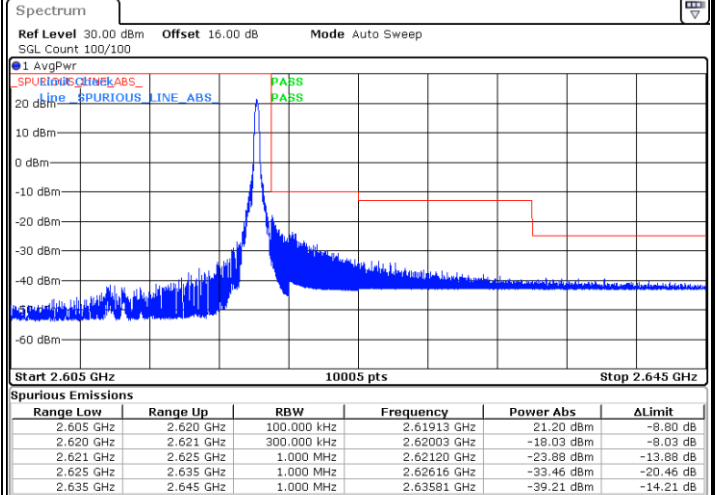
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



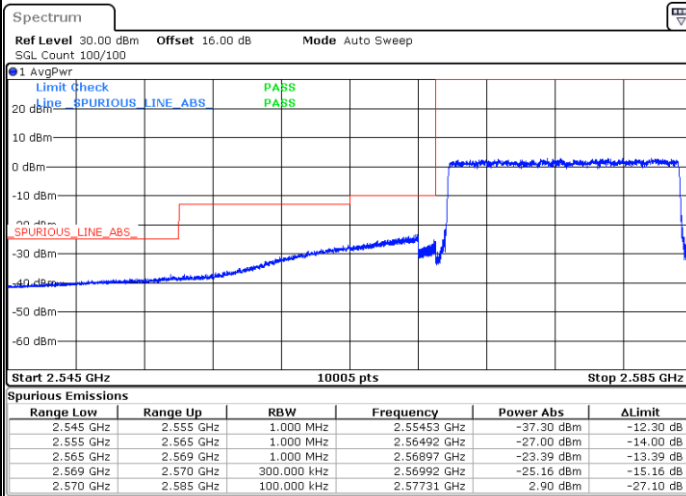
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Highest Band Edge / 1 RB



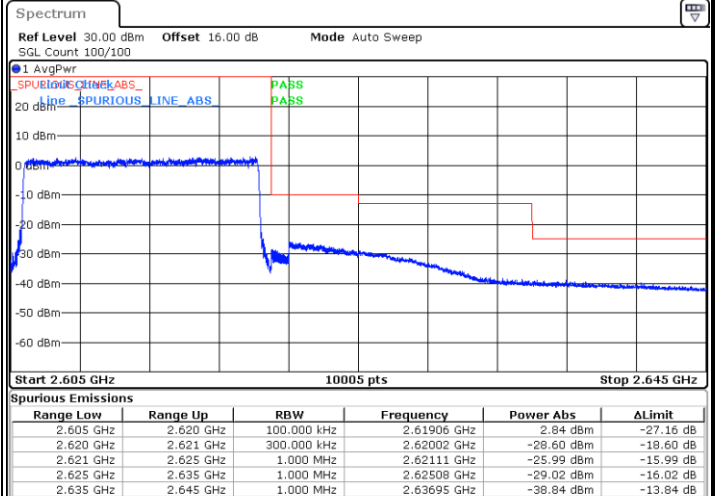
Date: 8.APR.2022 15:12:17

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:09:13

Highest Band Edge / Full RB

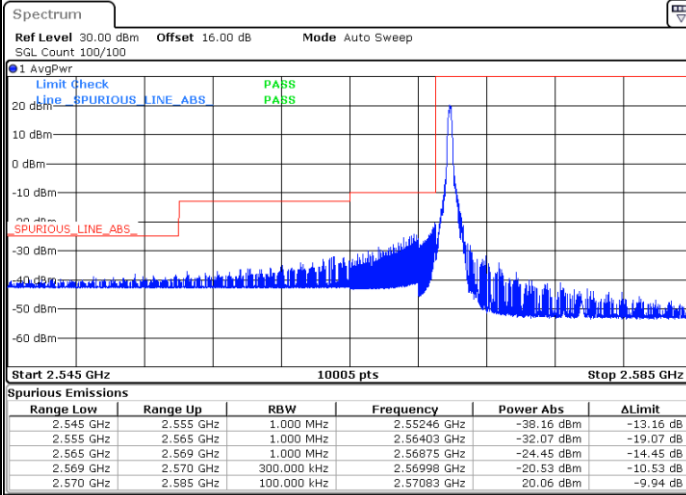


Date: 8.APR.2022 15:10:44



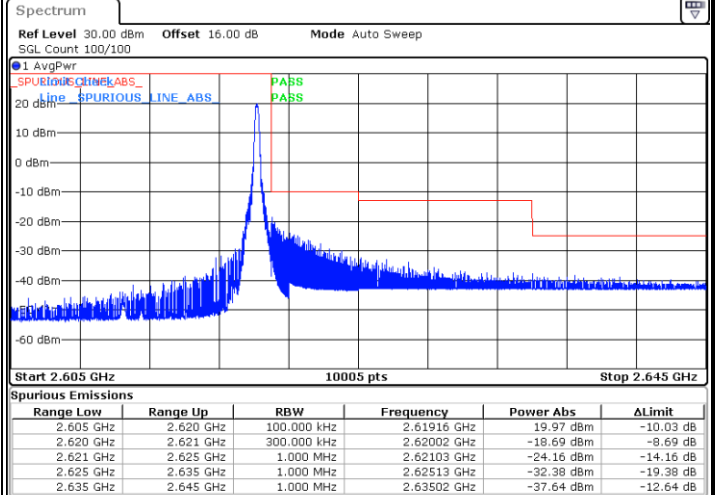
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



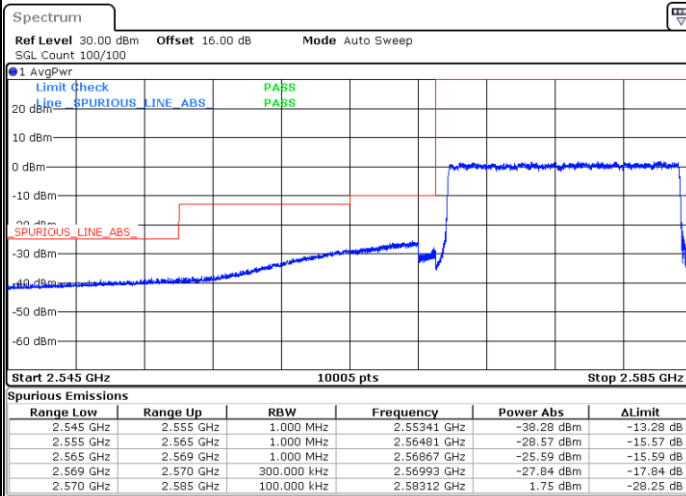
Date: 8.APR.2022 15:13:03

Highest Band Edge / 1 RB



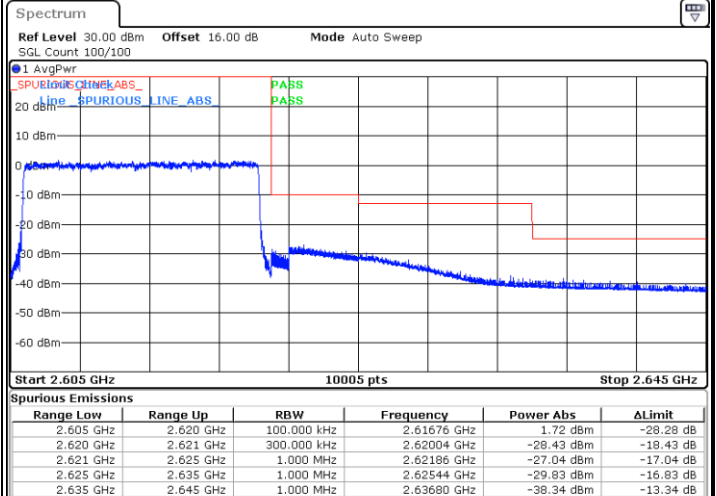
Date: 8.APR.2022 15:15:19

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:13:48

Highest Band Edge / Full RB

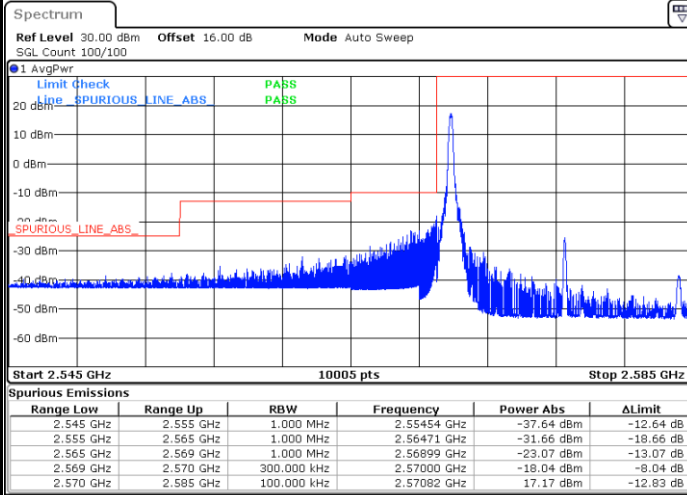


Date: 8.APR.2022 15:14:34



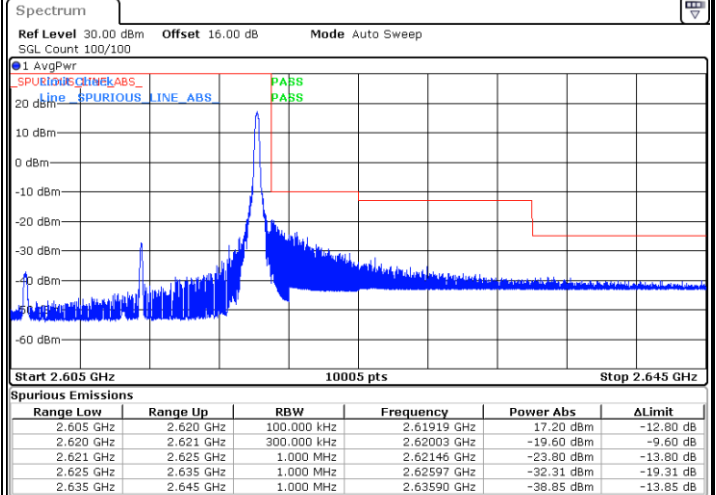
LTE Band 38 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



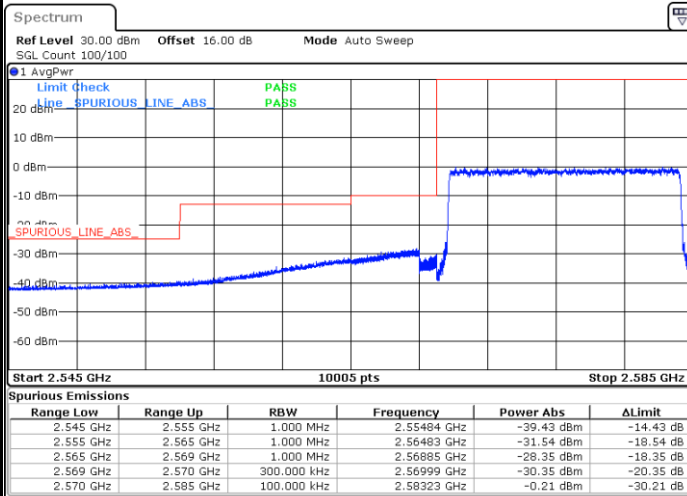
Date: 8.APR.2022 15:50:56

Highest Band Edge / 1 RB



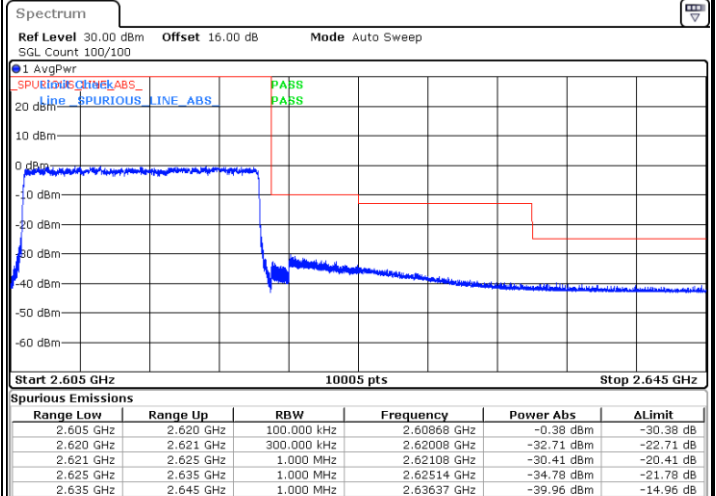
Date: 8.APR.2022 15:53:22

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:51:45

Highest Band Edge / Full RB



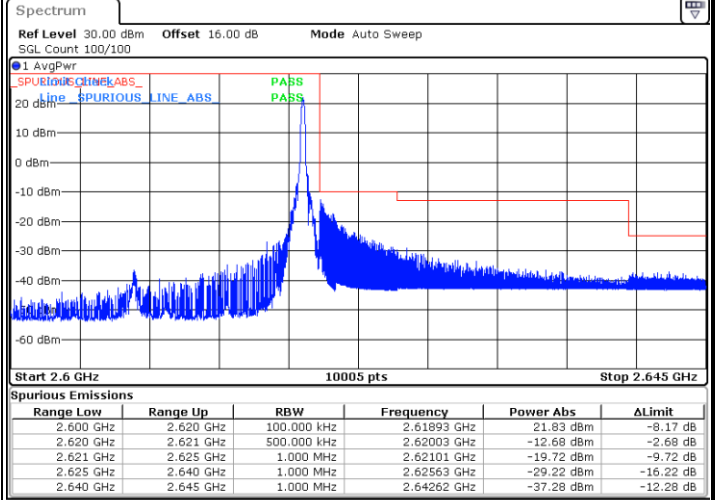
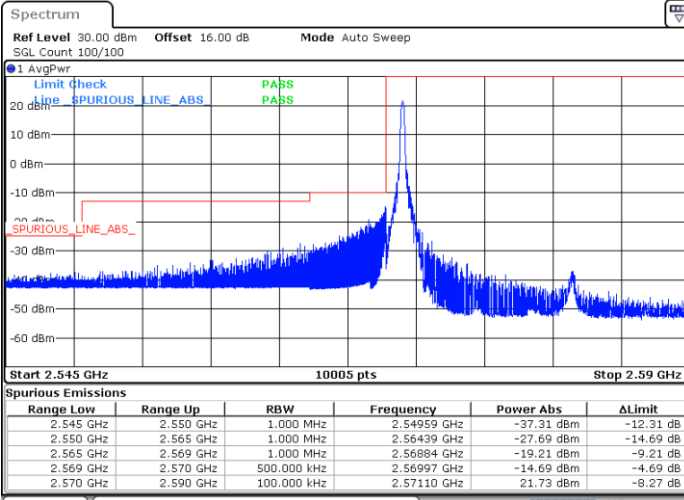
Date: 8.APR.2022 15:52:33



LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

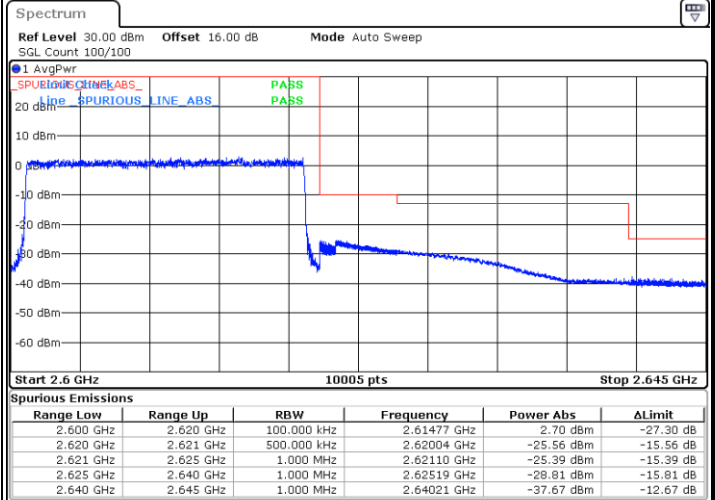
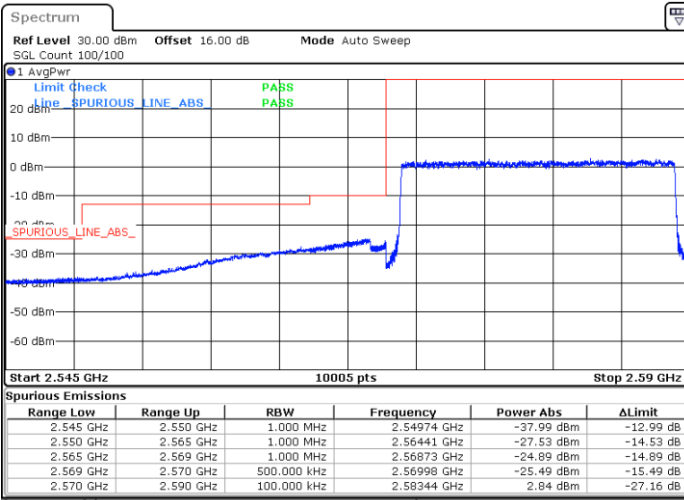


Date: 8.APR.2022 15:16:06

Date: 8.APR.2022 15:20:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.APR.2022 15:17:37

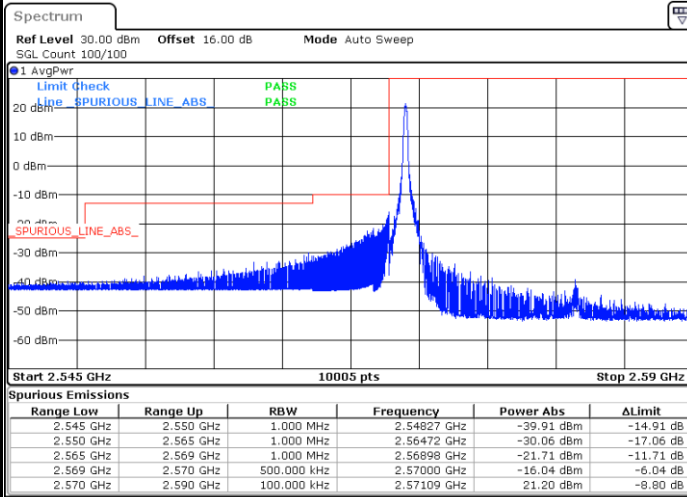
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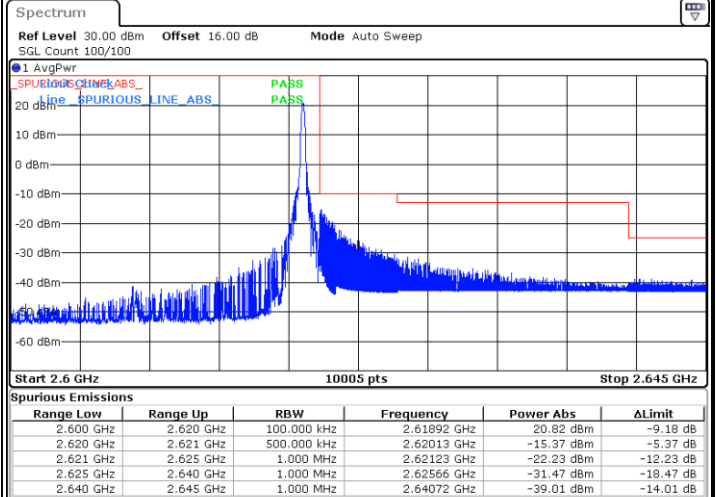
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



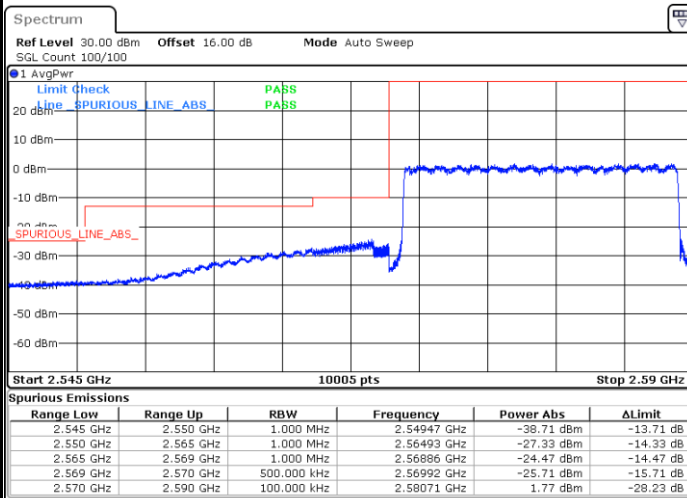
Date: 8.APR.2022 15:16:51

Highest Band Edge / 1 RB



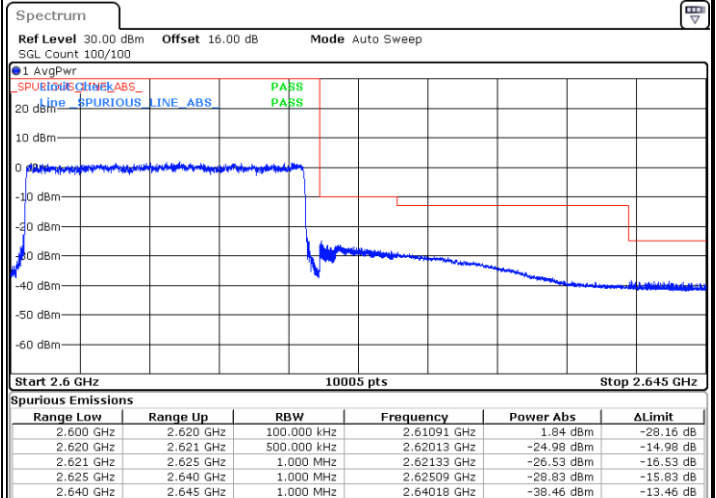
Date: 8.APR.2022 15:21:25

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:18:22

Highest Band Edge / Full RB

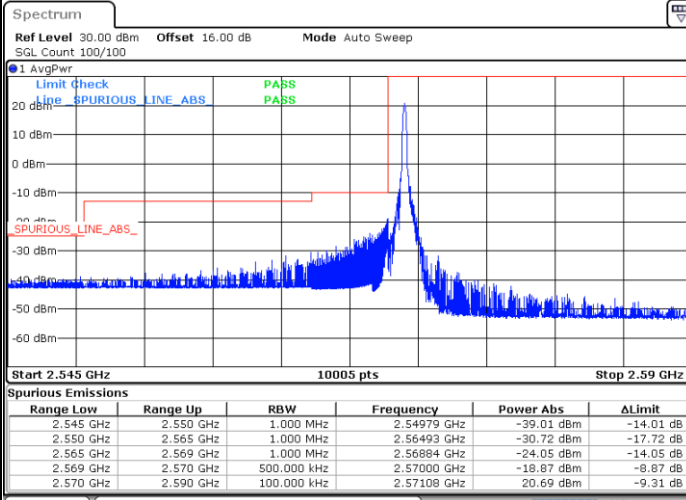


Date: 8.APR.2022 15:19:54



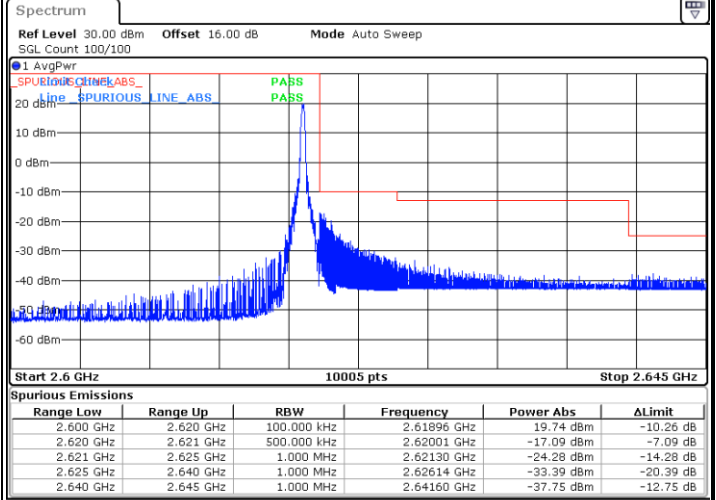
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



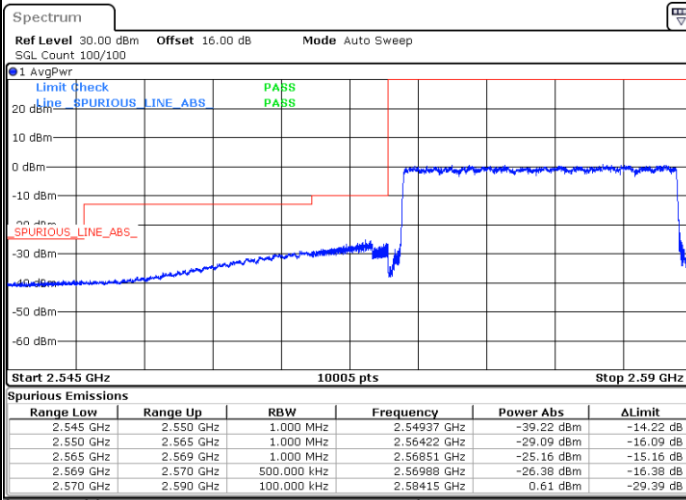
Date: 8.APR.2022 15:22:11

Highest Band Edge / 1 RB



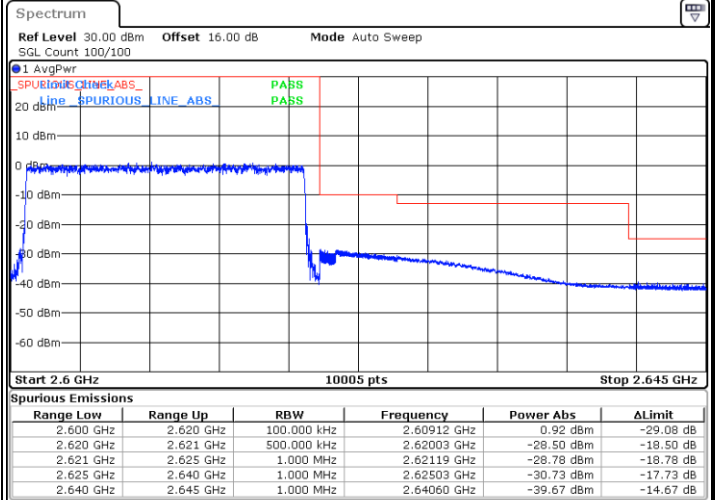
Date: 8.APR.2022 15:24:28

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:22:57

Highest Band Edge / Full RB

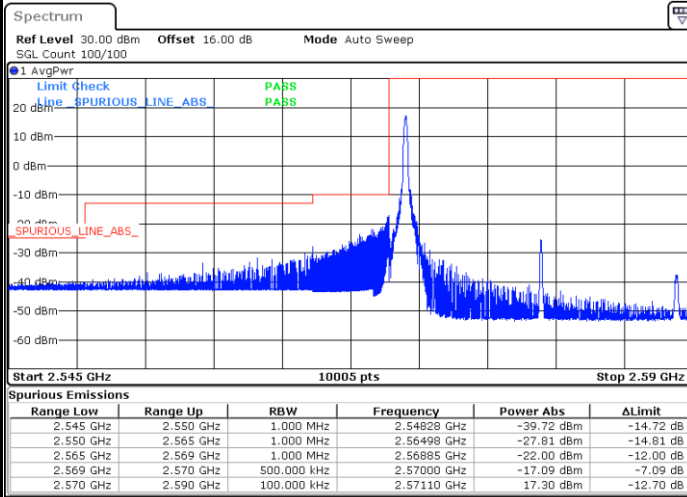


Date: 8.APR.2022 15:23:43



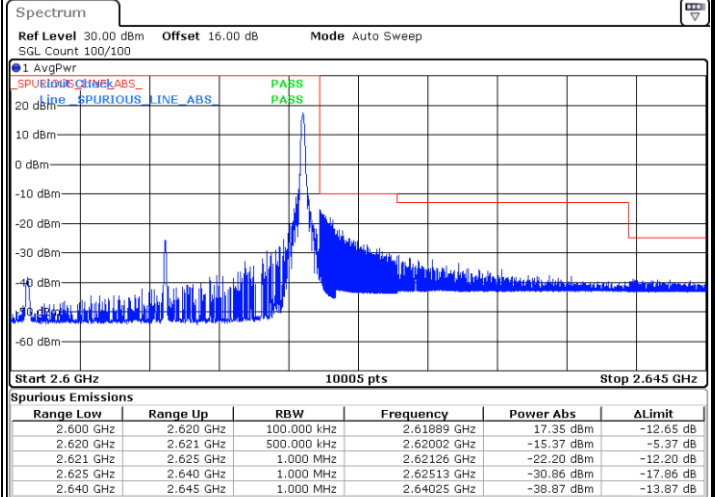
LTE Band 38 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



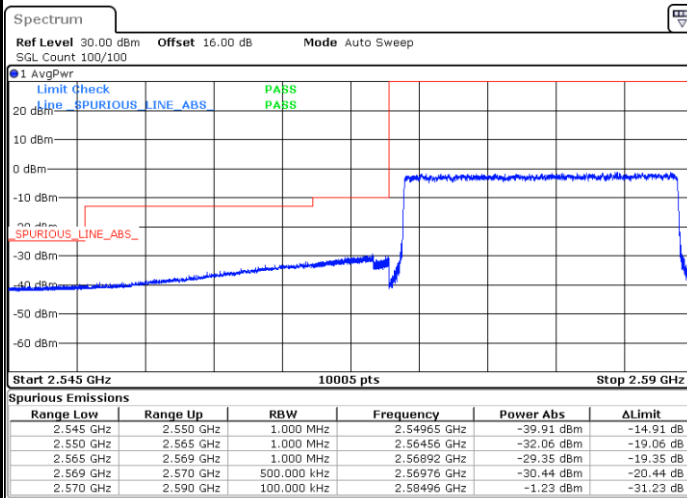
Date: 8.APR.2022 15:54:59

Highest Band Edge / 1 RB



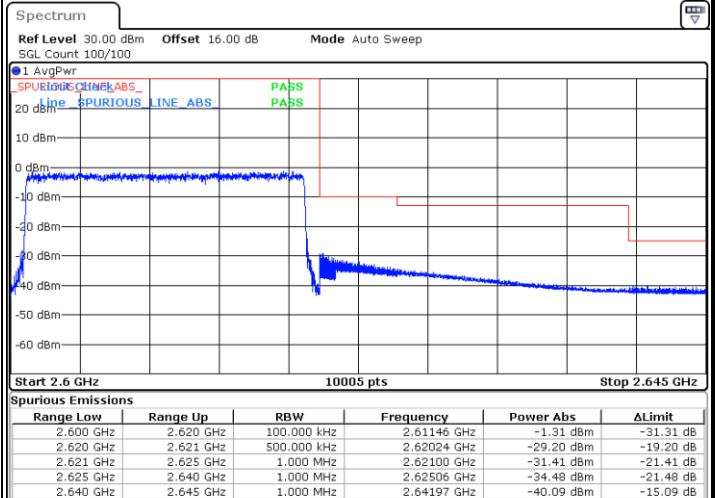
Date: 8.APR.2022 15:57:24

Lowest Band Edge / Full RB



Date: 8.APR.2022 15:55:47

Highest Band Edge / Full RB



Date: 8.APR.2022 15:56:36

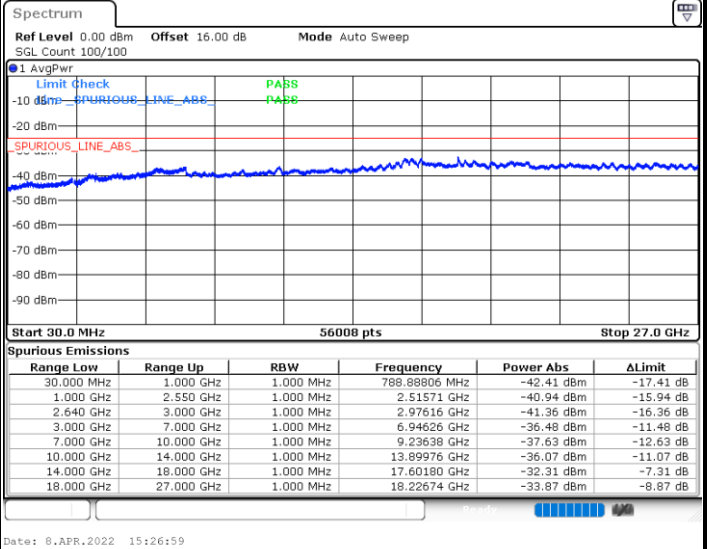
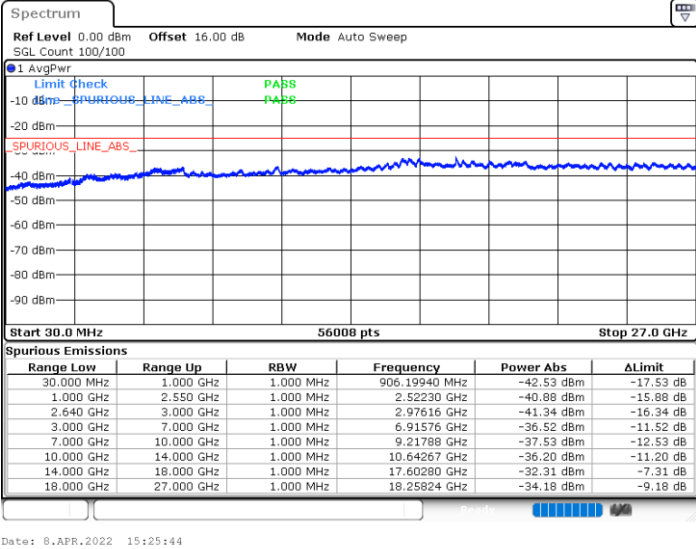


# Conducted Spurious Emission

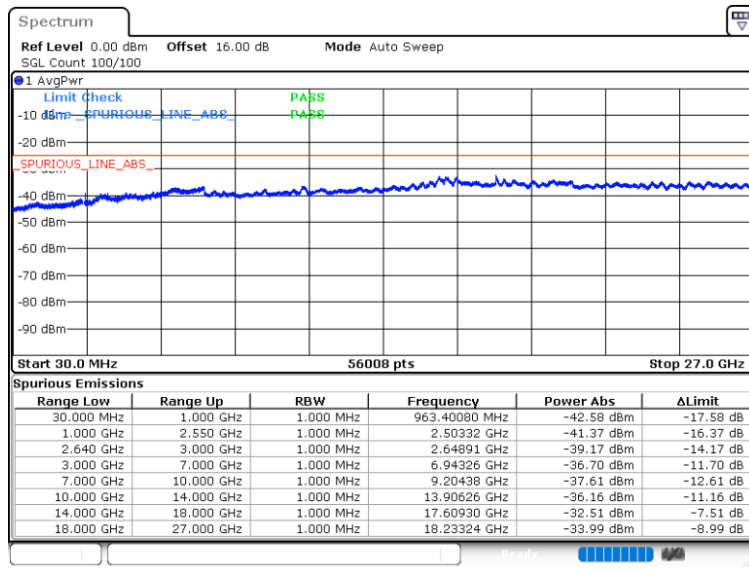
## LTE Band 38 / 5MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK



### Highest Channel / QPSK

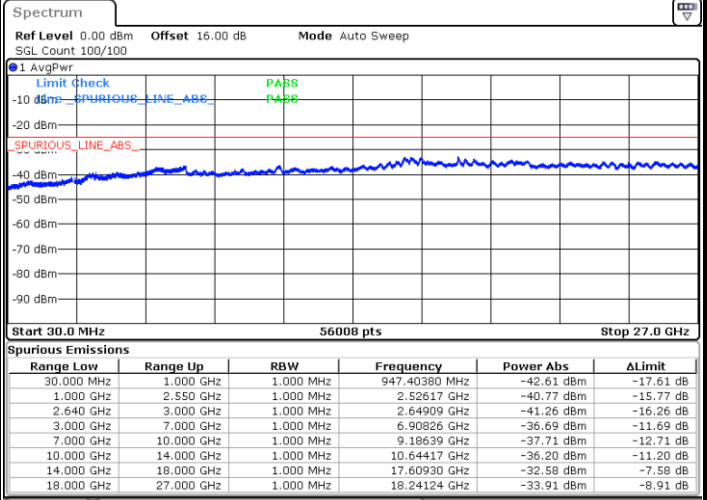
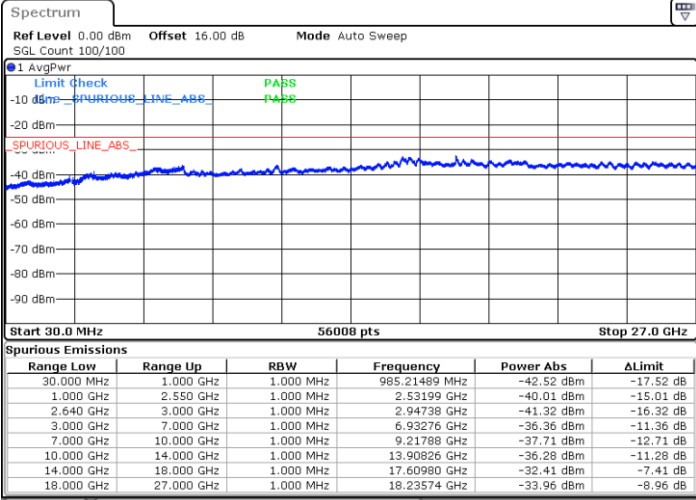




LTE Band 38 / 10MHz

Lowest Channel / QPSK

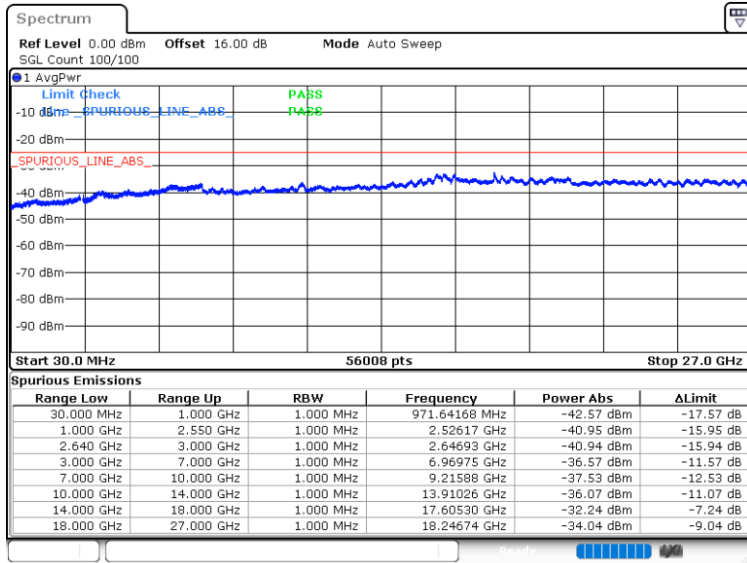
Middle Channel / QPSK



Date: 8.APR.2022 15:29:31

Date: 8.APR.2022 15:30:47

Highest Channel / QPSK



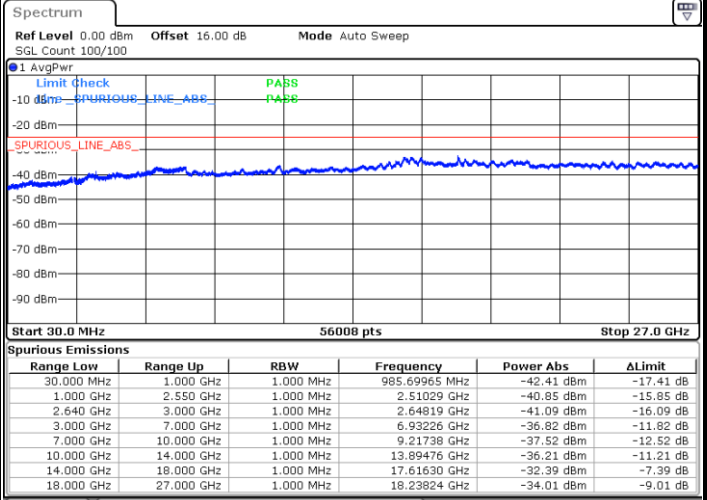
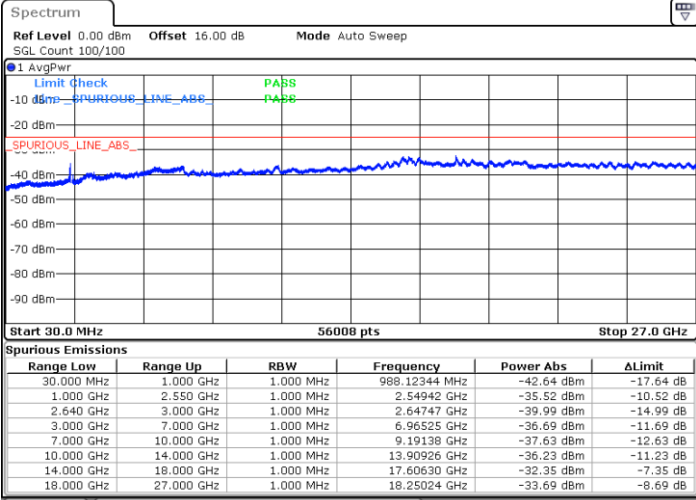
Date: 8.APR.2022 15:32:02



LTE Band 38 / 15MHz

Lowest Channel / QPSK

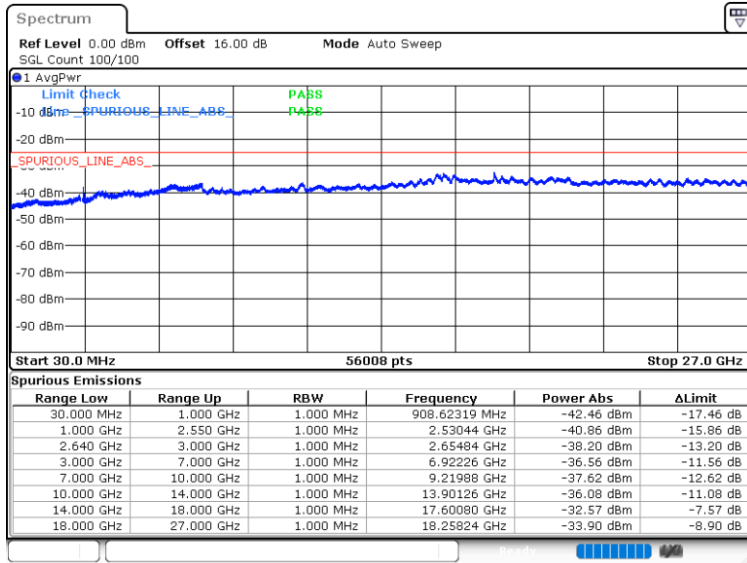
Middle Channel / QPSK



Date: 8.APR.2022 15:33:19

Date: 8.APR.2022 15:34:34

Highest Channel / QPSK



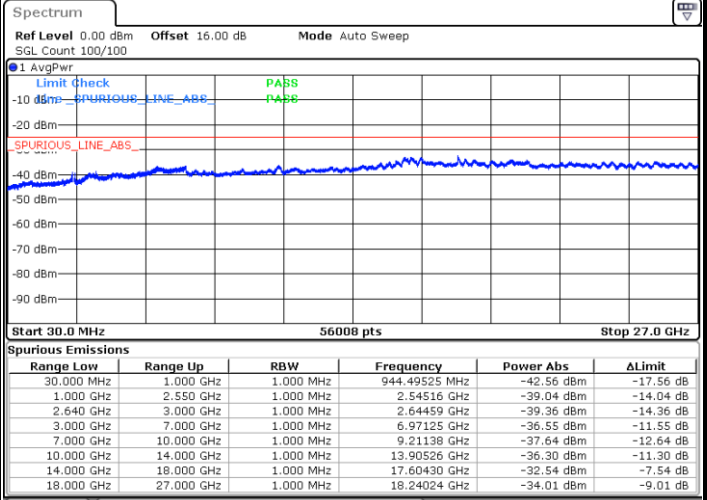
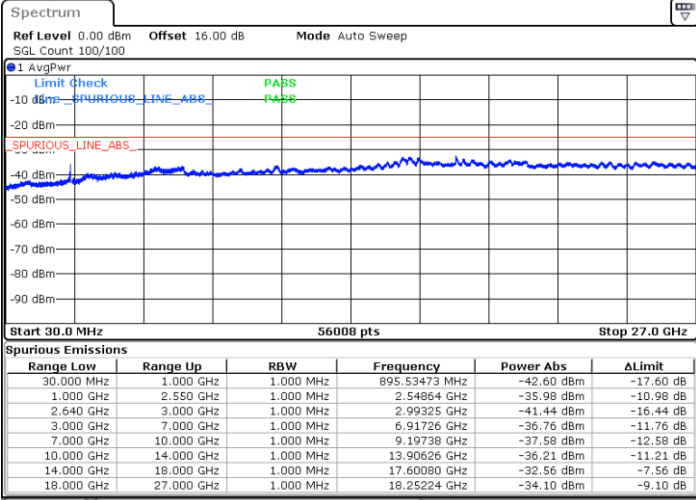
Date: 8.APR.2022 15:35:50



LTE Band 38 / 20MHz

Lowest Channel / QPSK

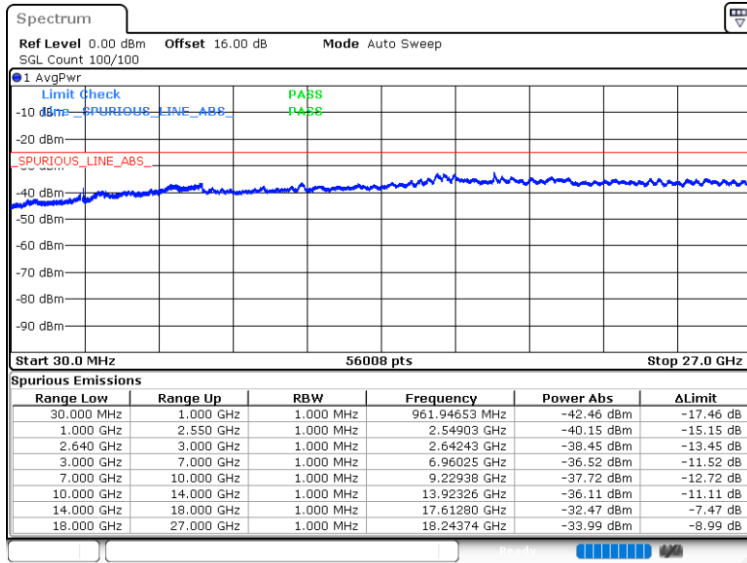
Middle Channel / QPSK



Date: 8.APR.2022 15:37:07

Date: 8.APR.2022 15:38:22

Highest Channel / QPSK



Date: 8.APR.2022 15:39:37



### Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0051	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0050	
20	Maximum Voltage	0.0049	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

**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.

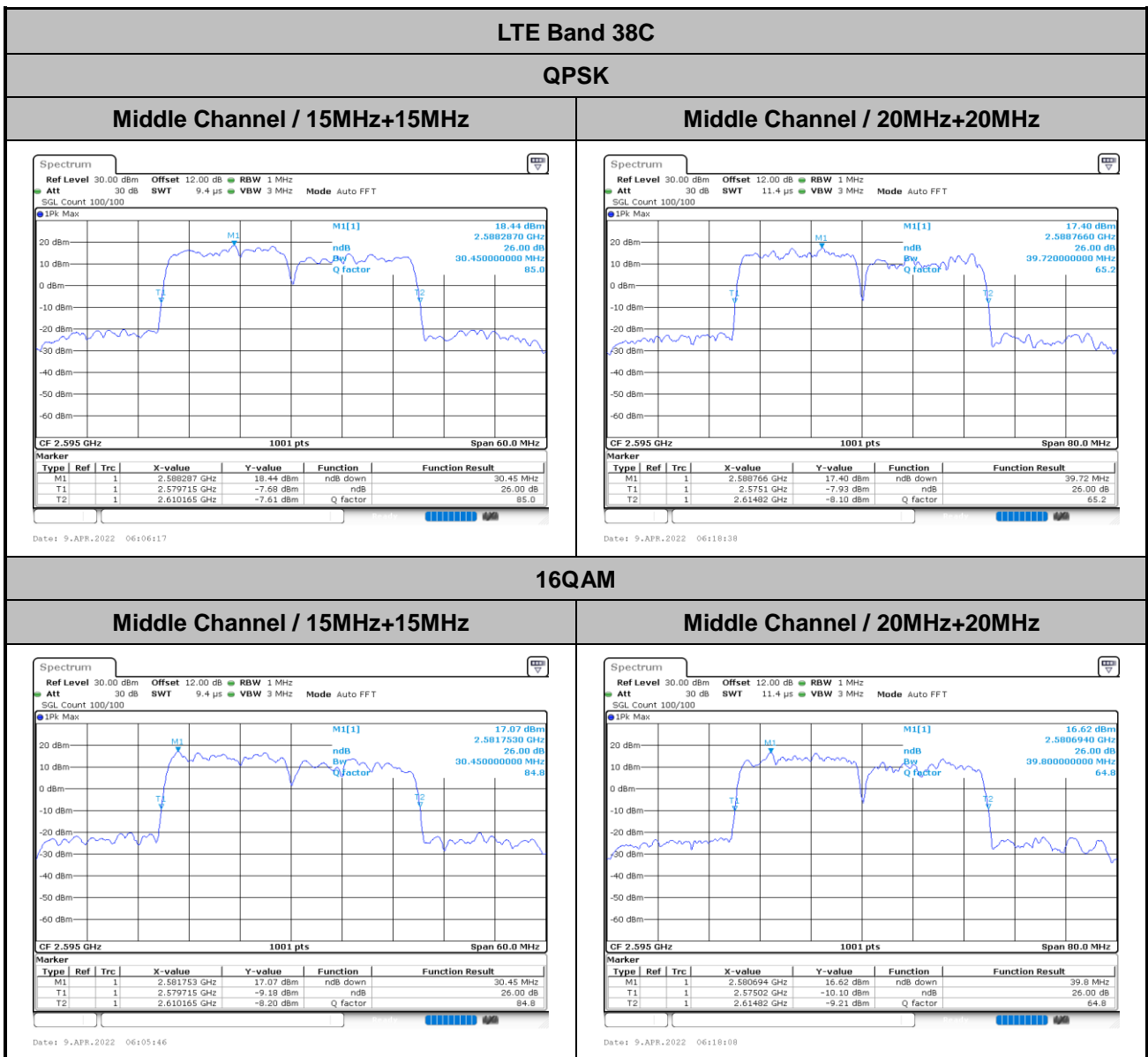




# LTE Band 38C

## 26dB Bandwidth

Mode	LTE Band 38C : 26dB BW(MHz)			
	QPSK	16QAM	64QAM	256QAM
BW	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz
Middle CH	30.45	30.45	30.69	30.45
BW	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz
Middle CH	39.72	39.80	39.72	39.72

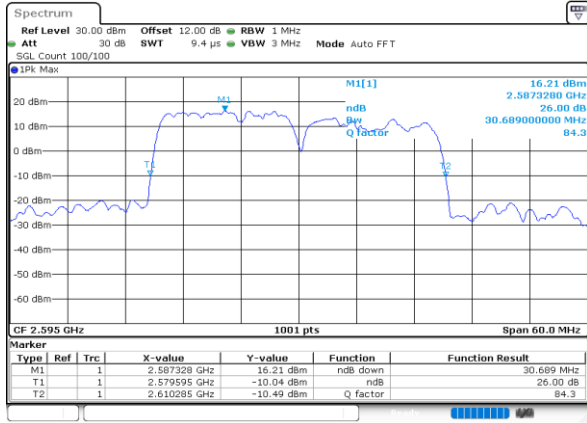




LTE Band 38C

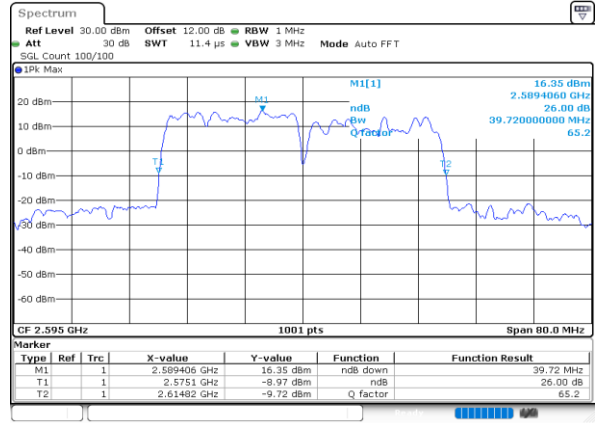
64QAM

Middle Channel / 15MHz+15MHz



Date: 9.APR.2022 06:10:15

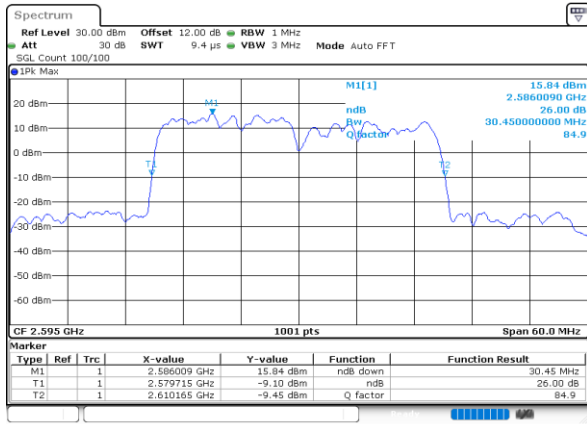
Middle Channel / 20MHz+20MHz



Date: 9.APR.2022 06:17:37

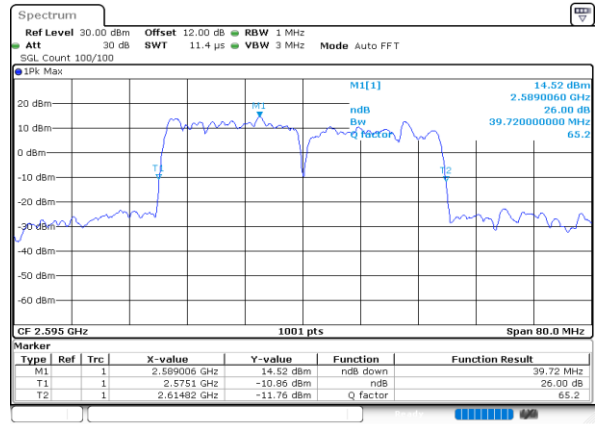
256QAM

Middle Channel / 15MHz+15MHz



Date: 9.APR.2022 06:10:44

Middle Channel / 20MHz+20MHz



Date: 9.APR.2022 06:17:06