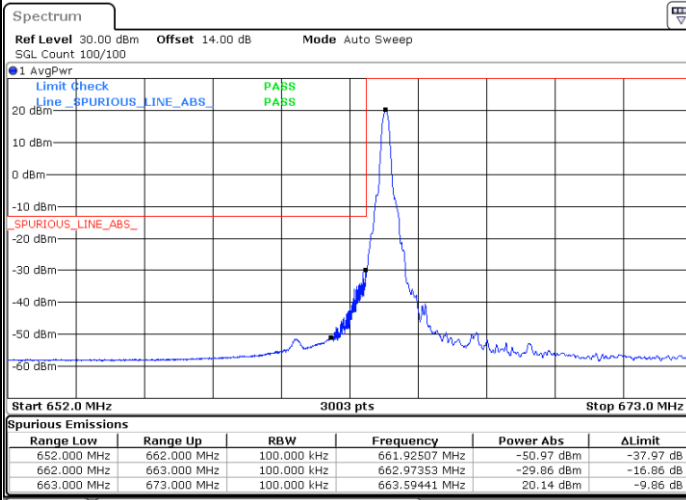




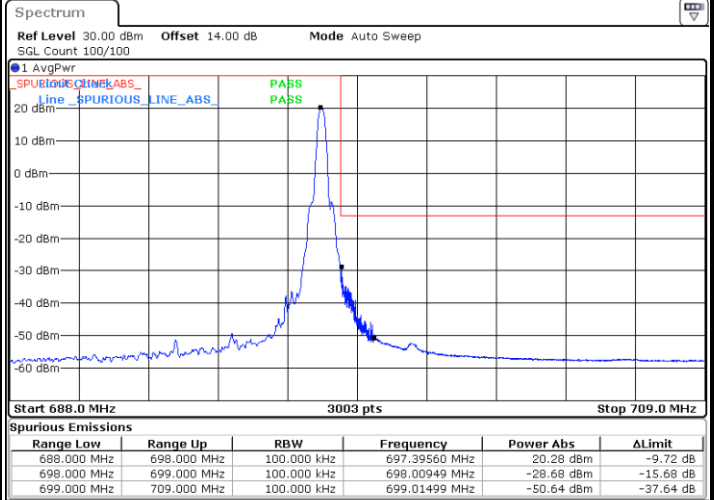
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



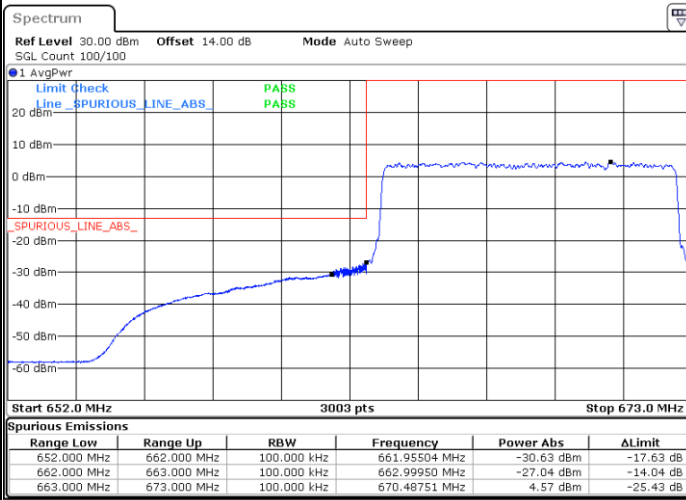
Date: 26.DEC.2023 01:13:03

Highest Band Edge / 1 RB



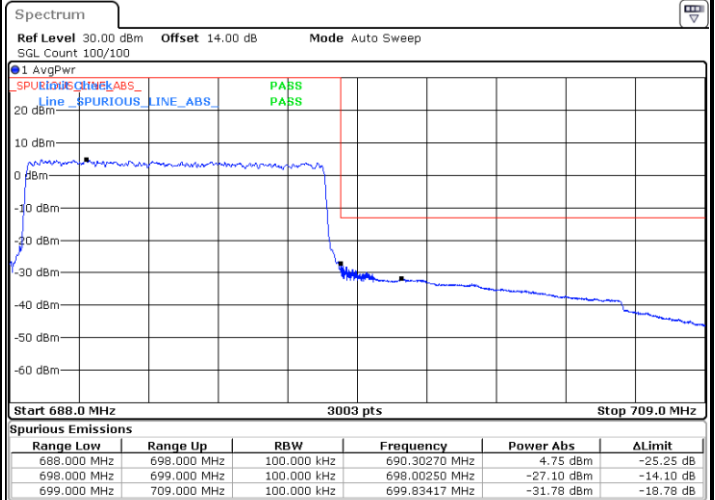
Date: 26.DEC.2023 01:22:55

Lowest Band Edge / Full RB



Date: 26.DEC.2023 01:16:08

Highest Band Edge / Full RB

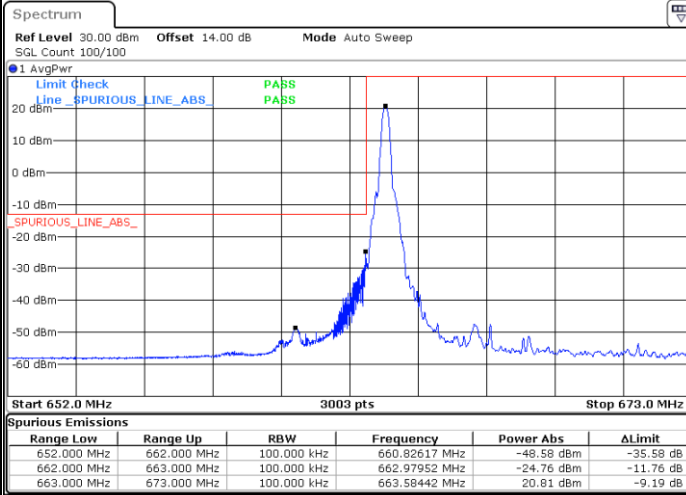


Date: 26.DEC.2023 01:26:01



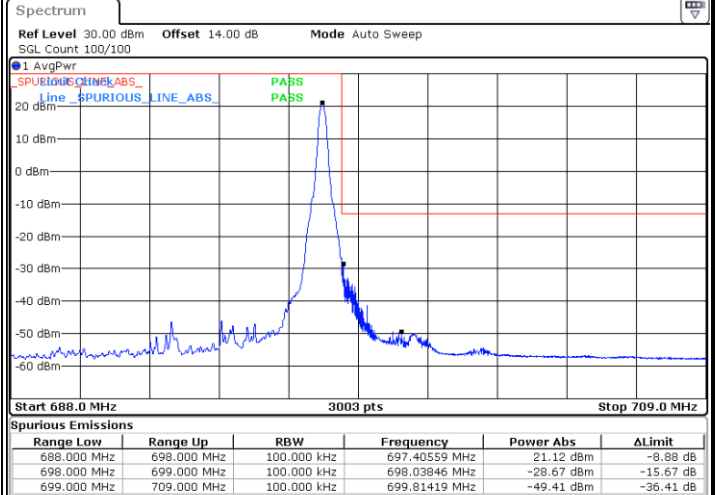
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1RB



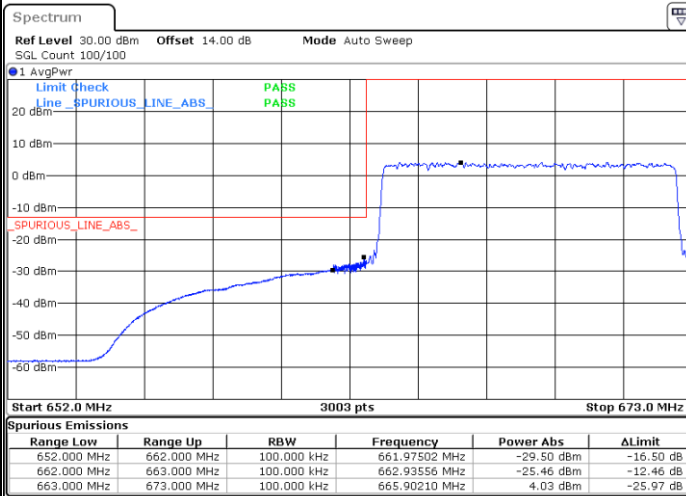
Date: 26.DEC.2023 01:14:05

Highest Band Edge / 1 RB



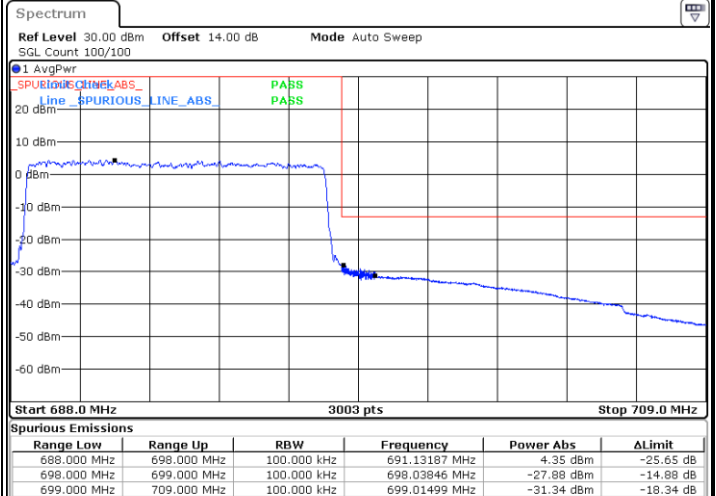
Date: 26.DEC.2023 01:23:57

Lowest Band Edge / Full RB



Date: 26.DEC.2023 01:17:10

Highest Band Edge / Full RB

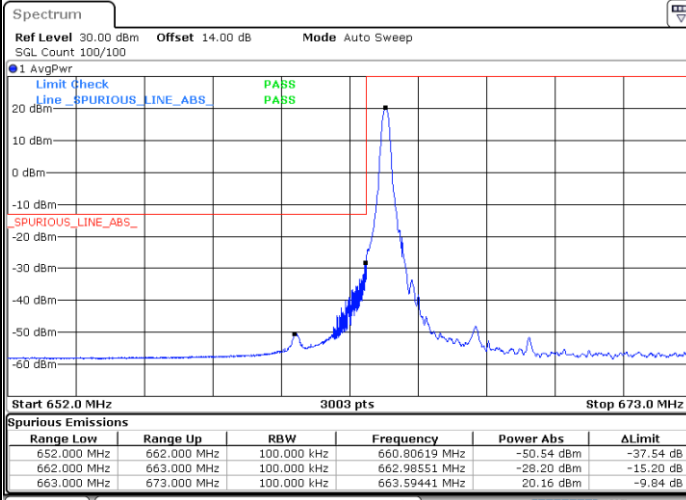


Date: 26.DEC.2023 01:27:02



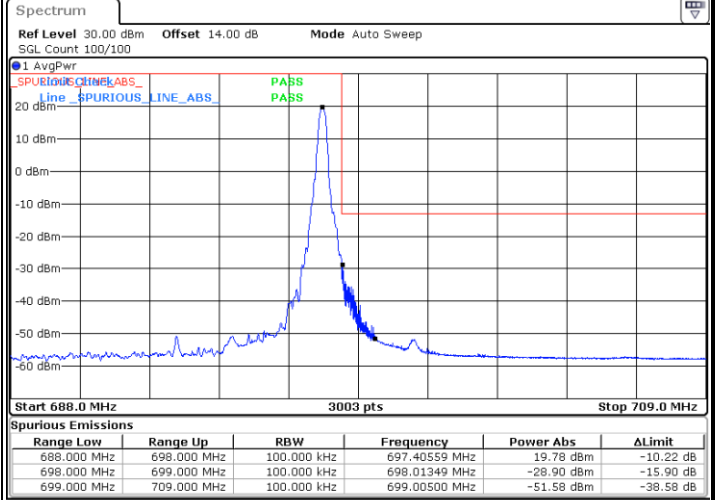
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1RB



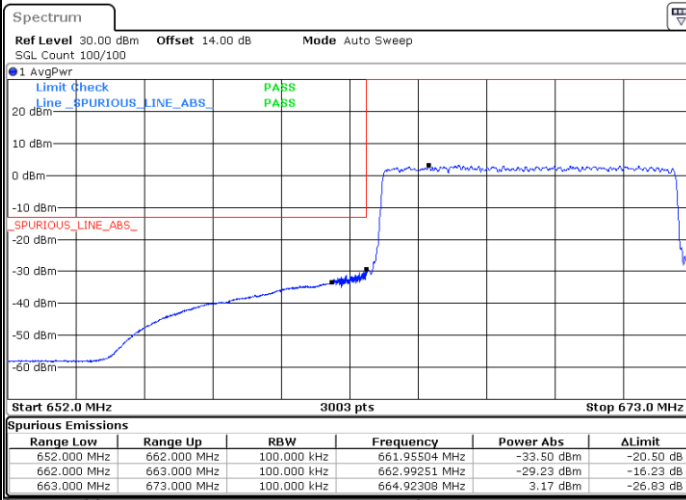
Date: 26.DEC.2023 01:15:07

Highest Band Edge / 1 RB



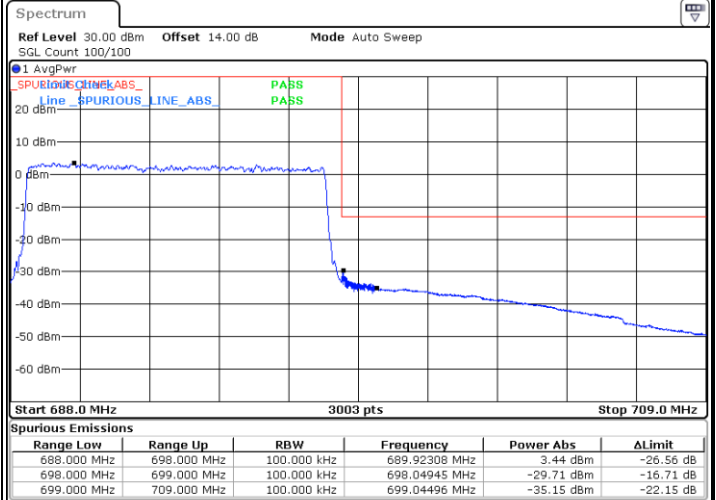
Date: 26.DEC.2023 01:24:59

Lowest Band Edge / Full RB



Date: 26.DEC.2023 01:18:12

Highest Band Edge / Full RB

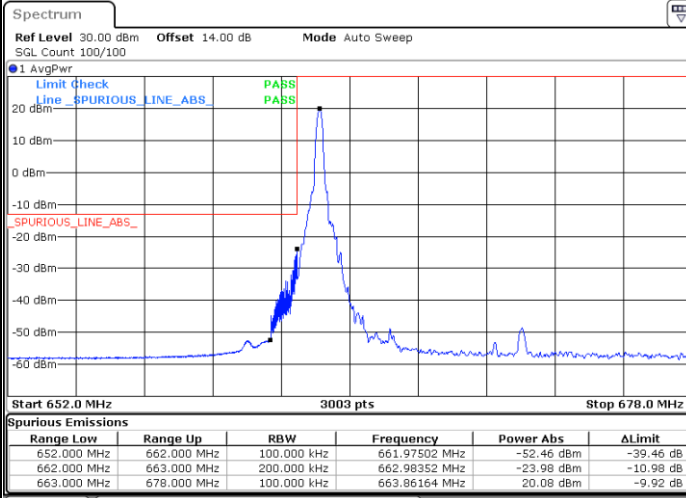


Date: 26.DEC.2023 01:28:04



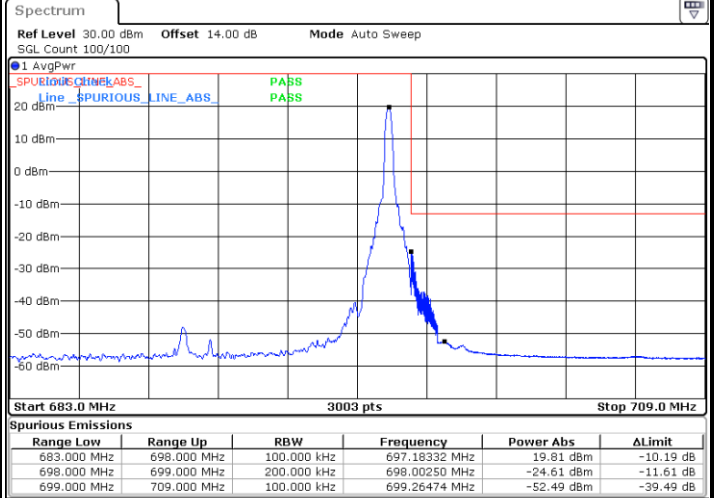
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



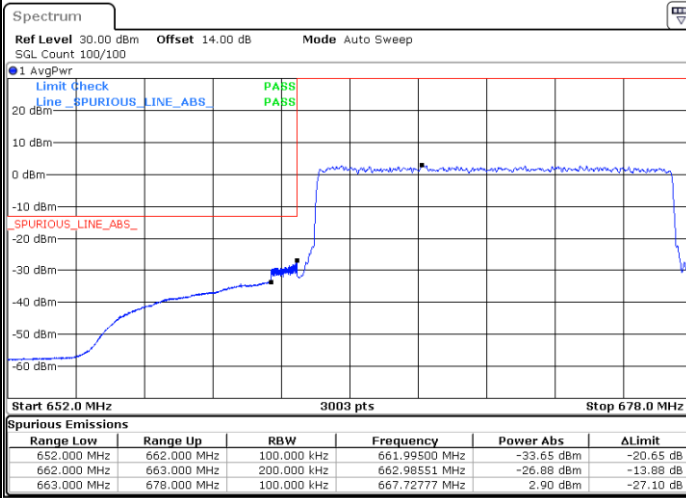
Date: 26.DEC.2023 21:51:29

Highest Band Edge / 1 RB



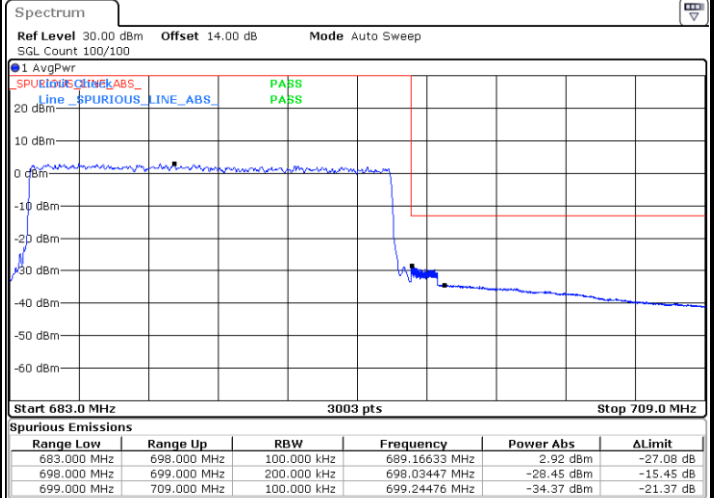
Date: 26.DEC.2023 22:00:52

Lowest Band Edge / Full RB



Date: 26.DEC.2023 21:54:19

Highest Band Edge / Full RB

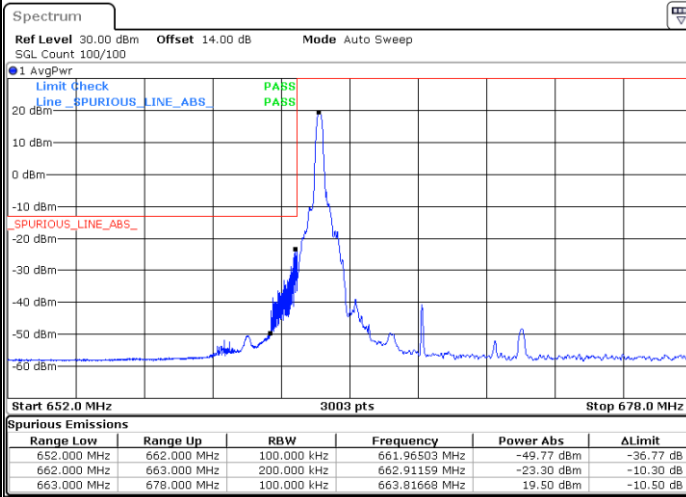


Date: 26.DEC.2023 22:03:43



LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1RB



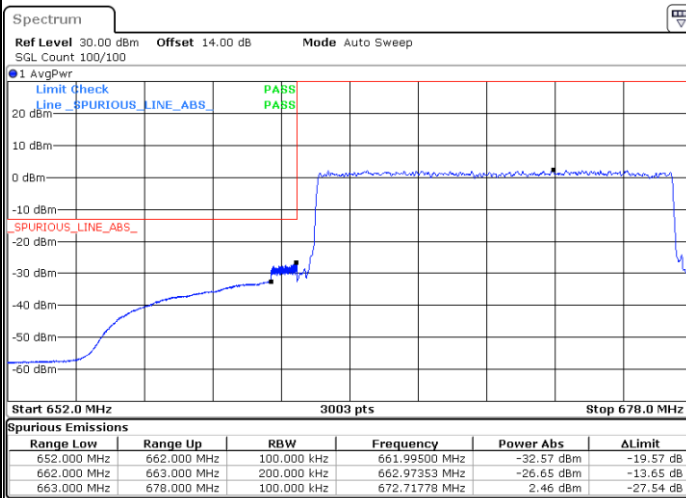
Date: 26.DEC.2023 21:52:26

Highest Band Edge / 1 RB



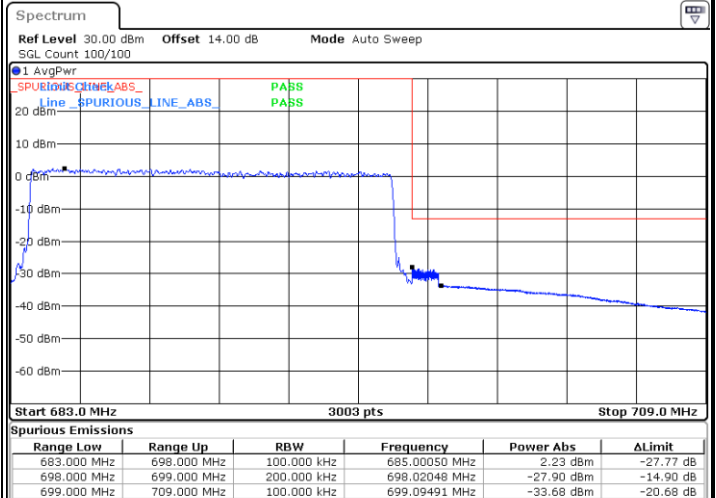
Date: 26.DEC.2023 22:01:49

Lowest Band Edge / Full RB



Date: 26.DEC.2023 21:55:16

Highest Band Edge / Full RB

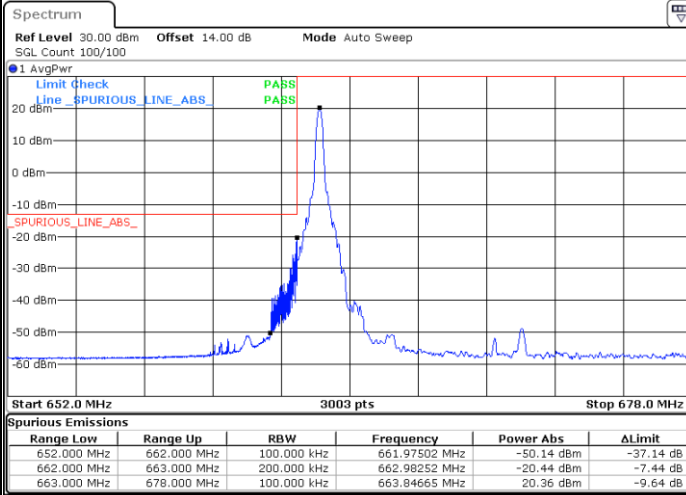


Date: 26.DEC.2023 22:04:40



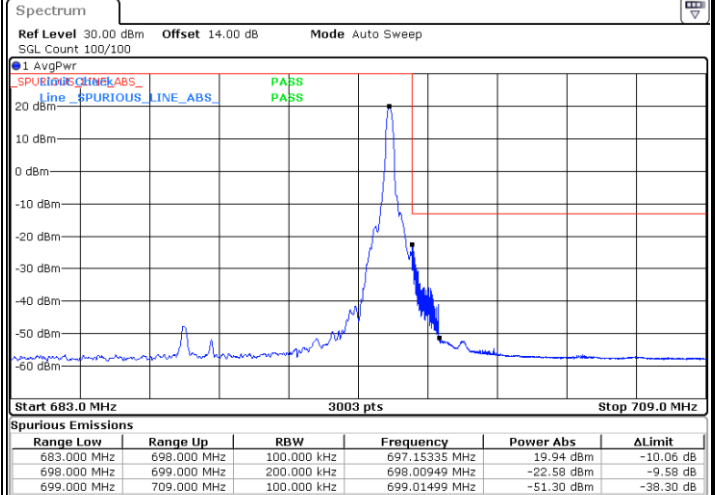
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1RB



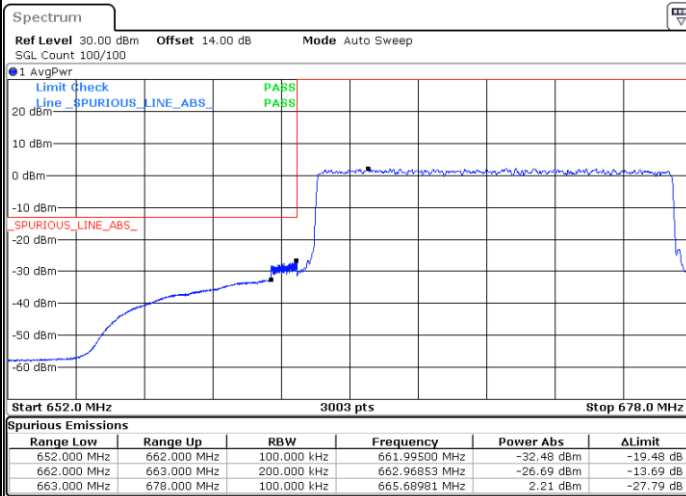
Date: 26.DEC.2023 21:53:23

Highest Band Edge / 1 RB



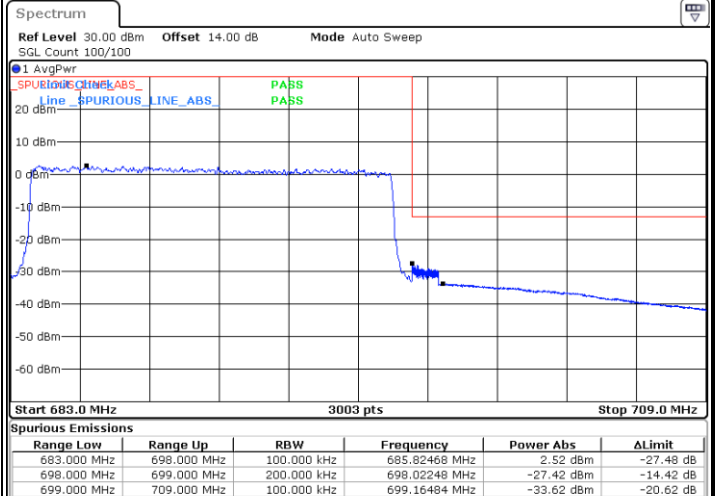
Date: 26.DEC.2023 22:02:46

Lowest Band Edge / Full RB



Date: 26.DEC.2023 21:56:13

Highest Band Edge / Full RB

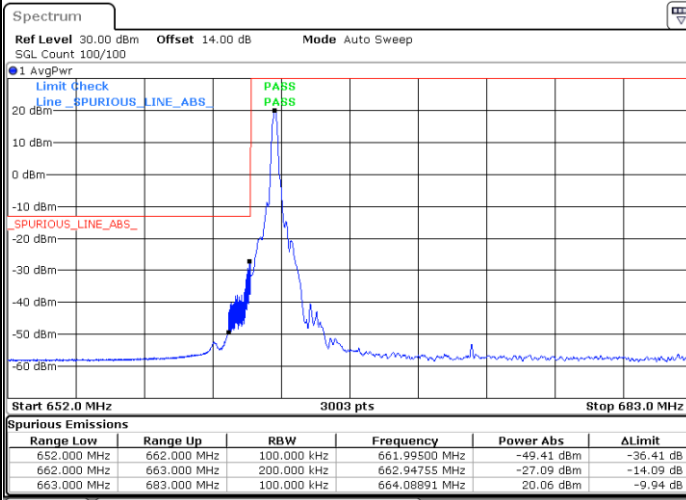


Date: 26.DEC.2023 22:05:37



LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



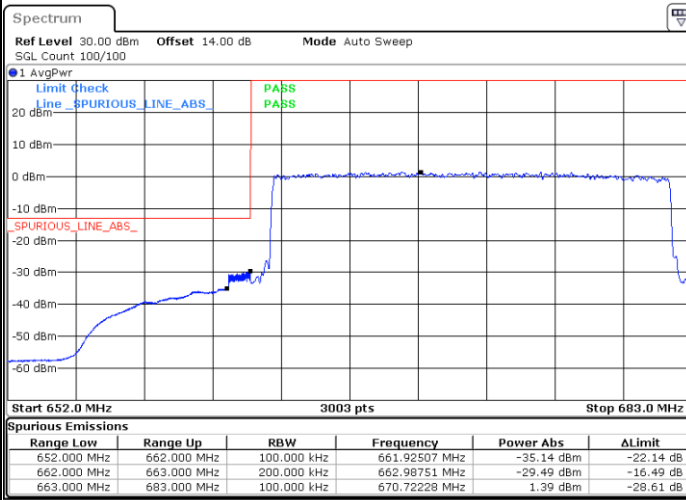
Date: 26.DEC.2023 22:10:21

Highest Band Edge / 1 RB



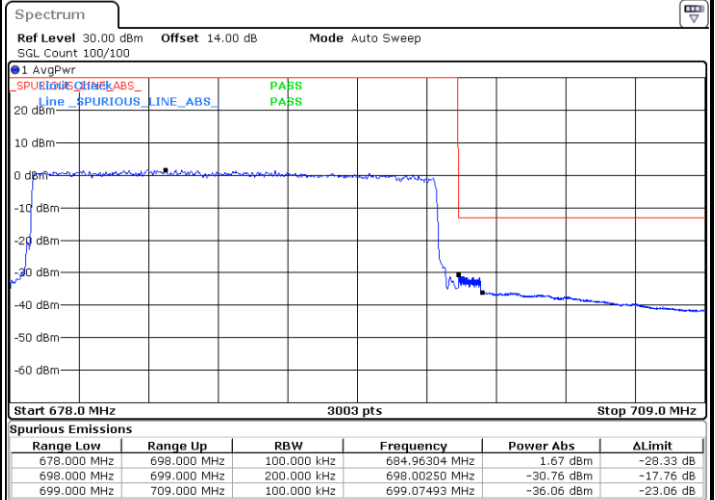
Date: 26.DEC.2023 22:21:08

Lowest Band Edge / Full RB



Date: 26.DEC.2023 22:13:11

Highest Band Edge / Full RB

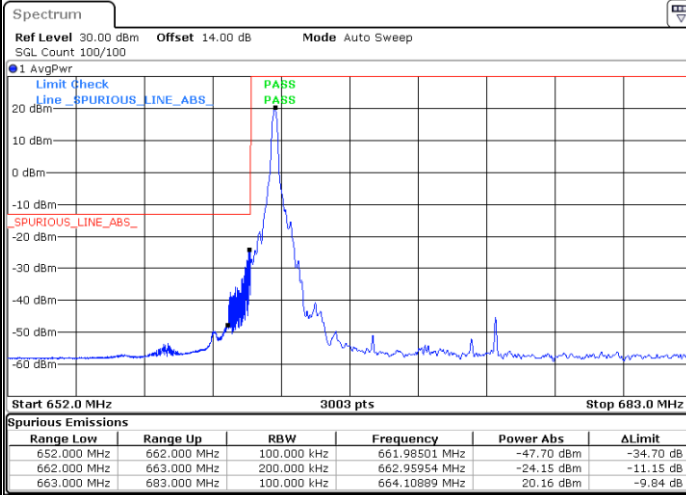


Date: 26.DEC.2023 22:23:59



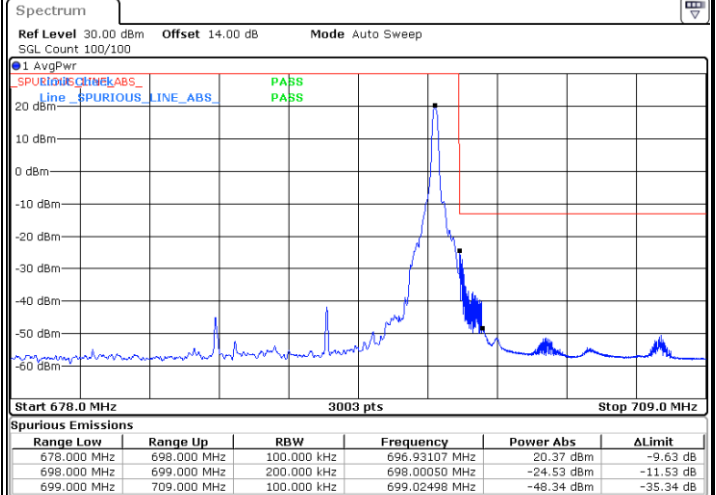
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1RB



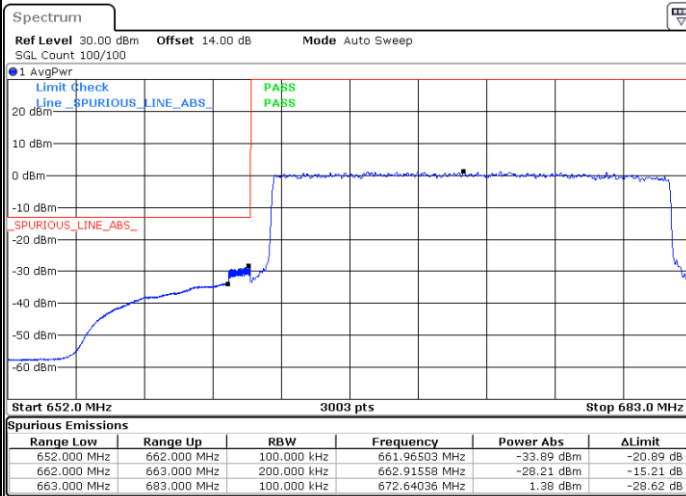
Date: 26.DEC.2023 22:11:17

Highest Band Edge / 1 RB



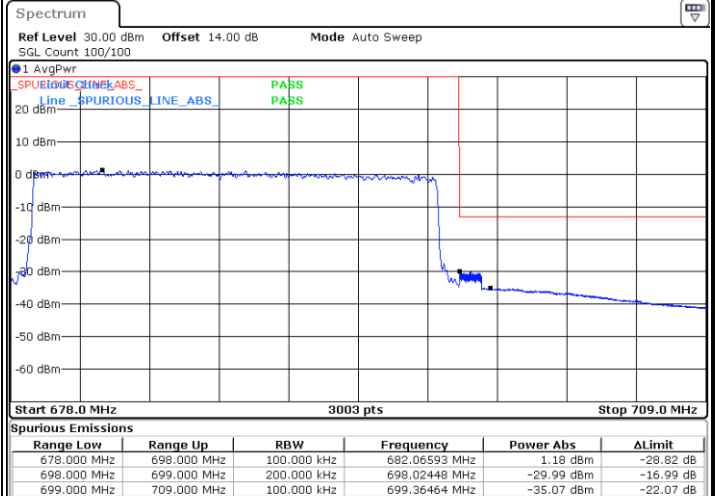
Date: 26.DEC.2023 22:22:05

Lowest Band Edge / Full RB



Date: 26.DEC.2023 22:14:08

Highest Band Edge / Full RB



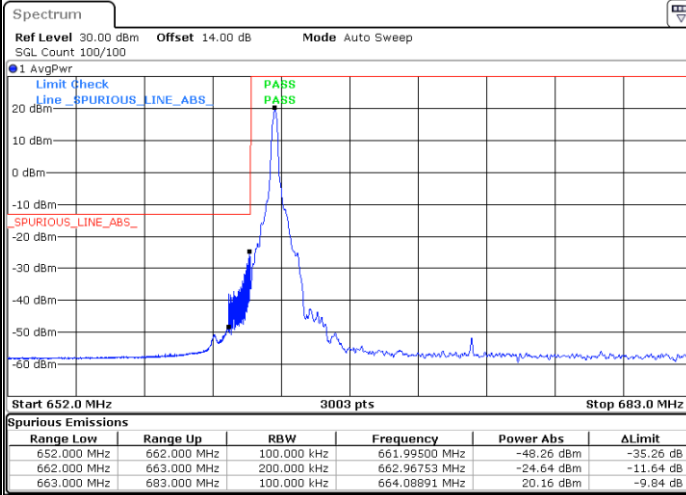
Date: 26.DEC.2023 22:24:55





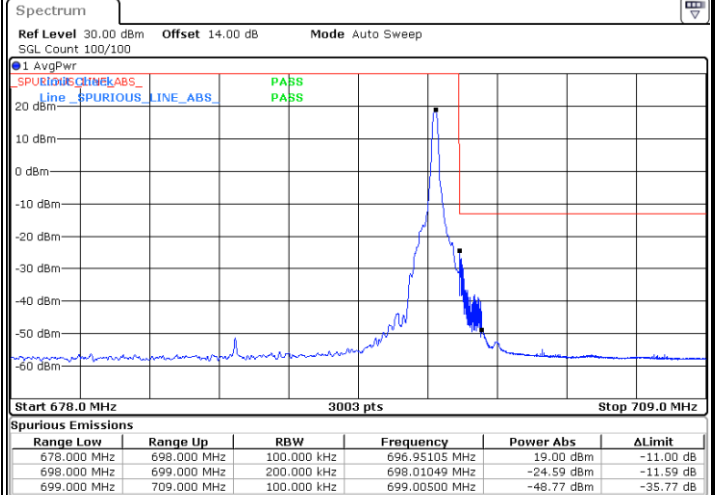
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1RB



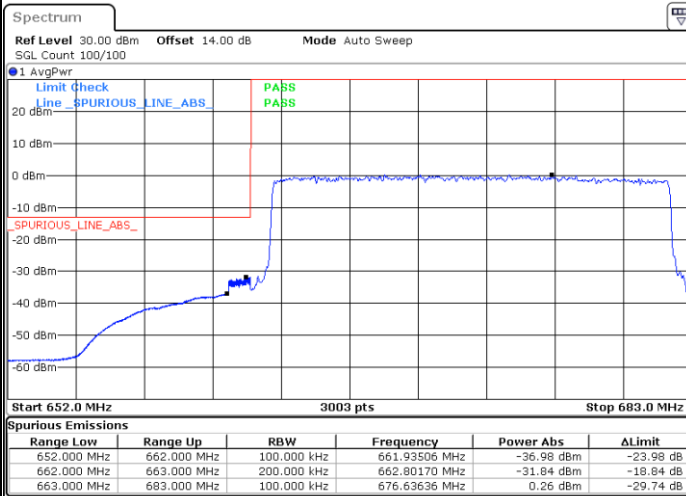
Date: 26.DEC.2023 22:12:14

Highest Band Edge / 1 RB



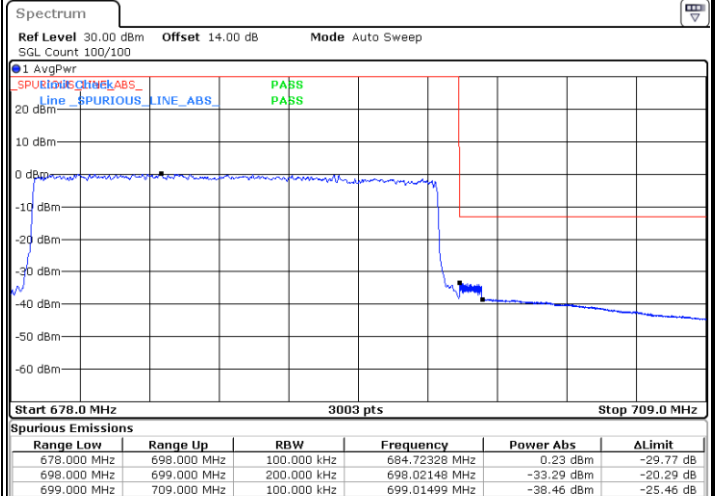
Date: 26.DEC.2023 22:23:02

Lowest Band Edge / Full RB



Date: 26.DEC.2023 22:15:04

Highest Band Edge / Full RB



Date: 26.DEC.2023 22:25:52

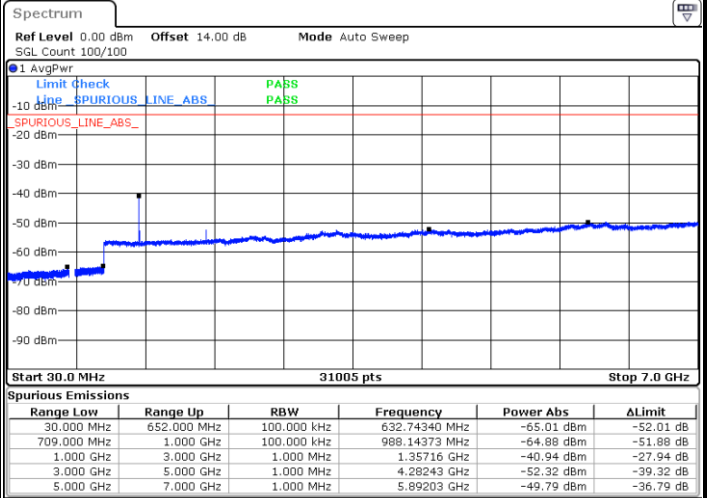
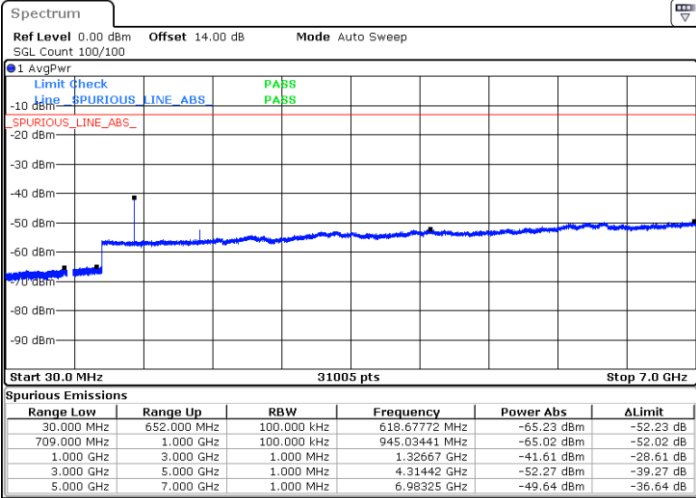


# Conducted Spurious Emission

## LTE Band 71 / 5MHz

### Lowest Channel / QPSK

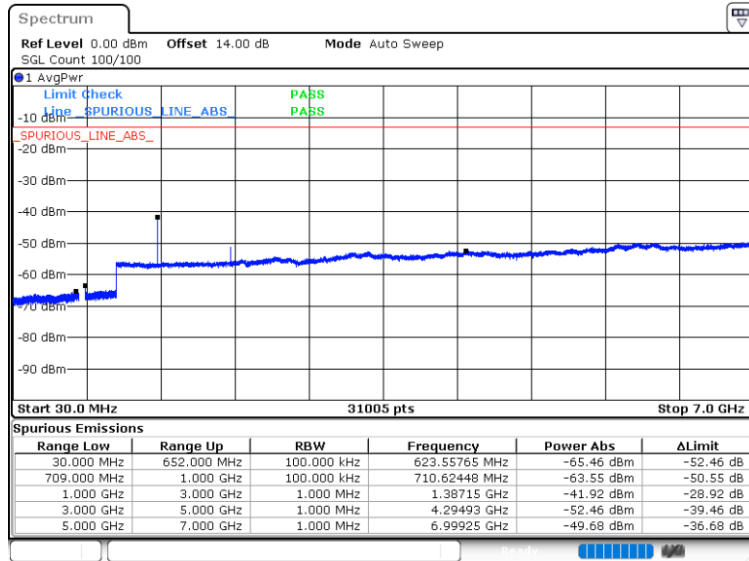
### Middle Channel / QPSK



Date: 26.DEC.2023 01:01:21

Date: 26.DEC.2023 01:02:32

### Highest Channel / QPSK



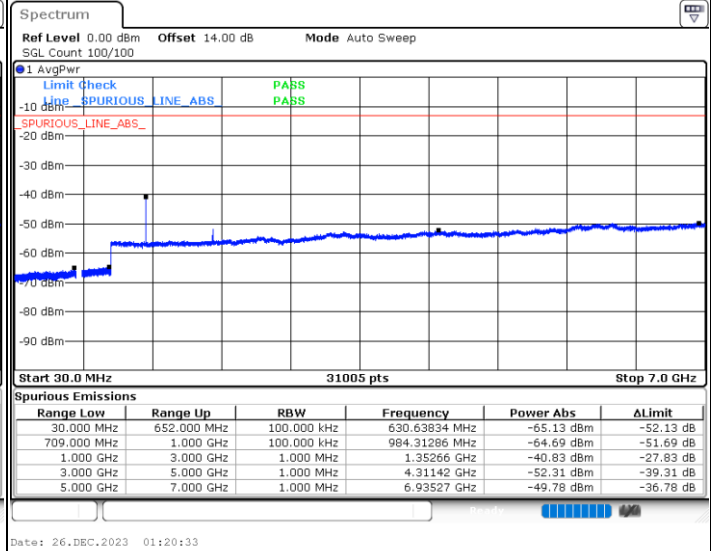
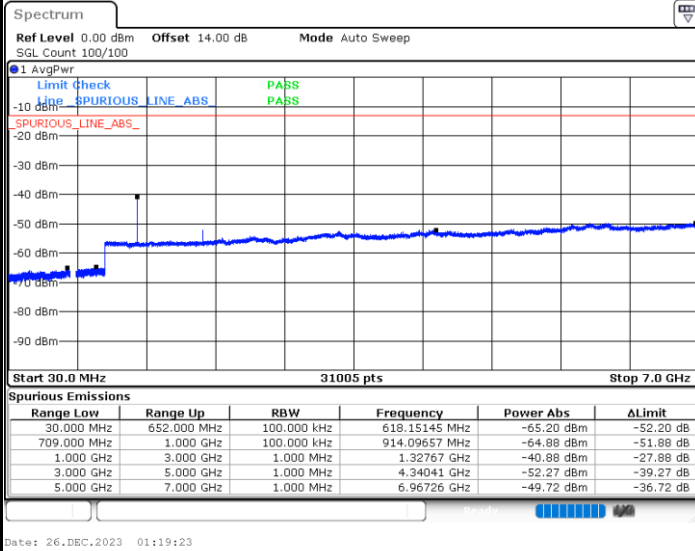
Date: 26.DEC.2023 01:11:13



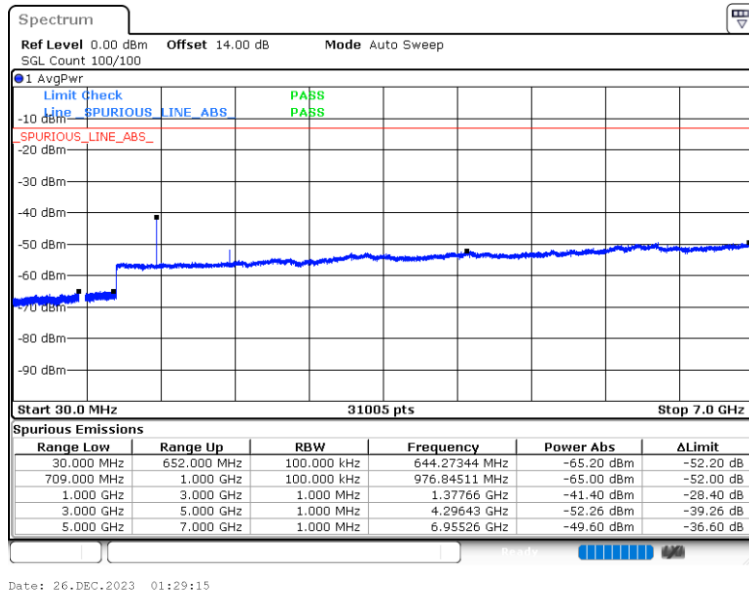
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

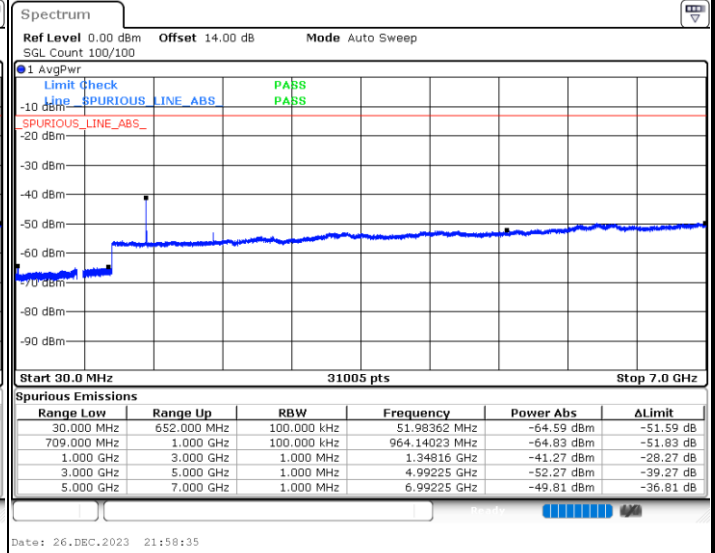
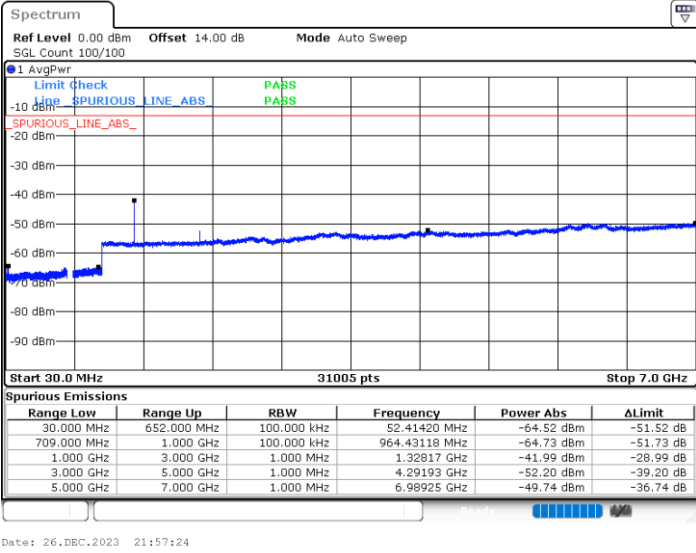




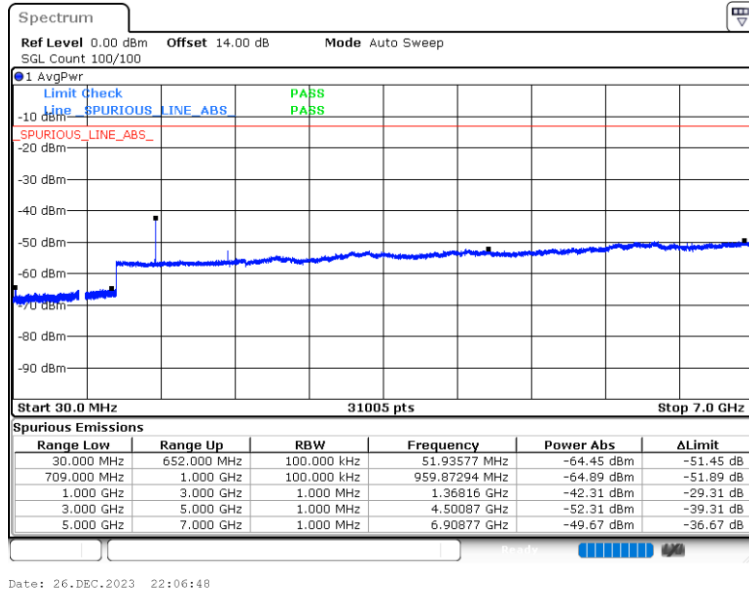
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

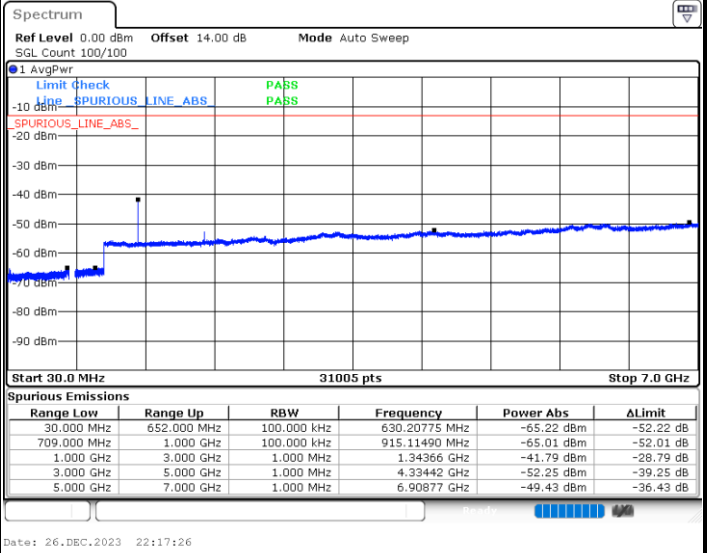
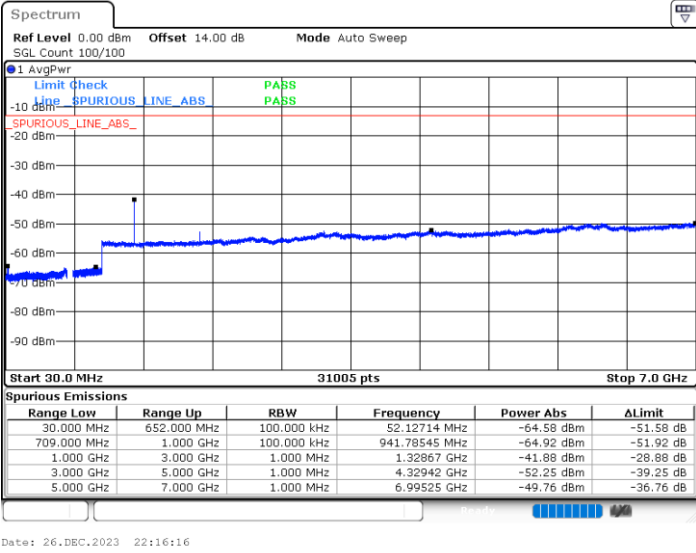




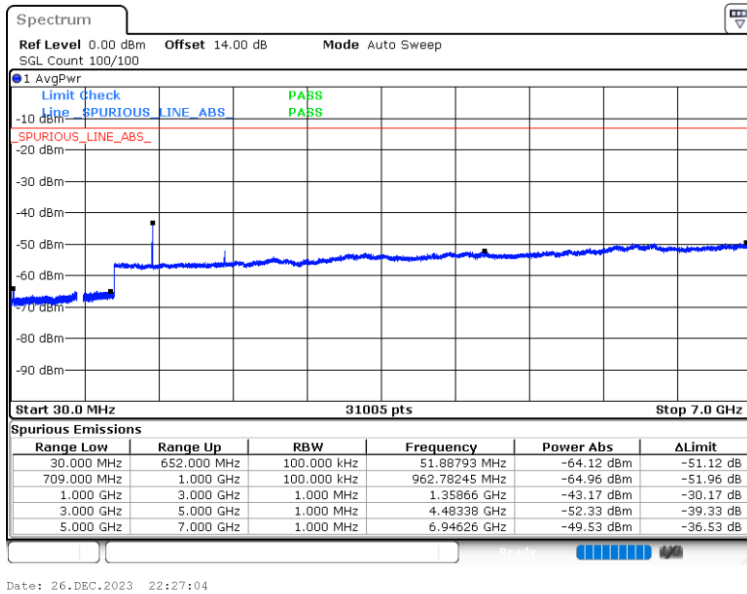
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





### 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	0.0004	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

**Note:**

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band CA\_7C

## 26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.08	30.57	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.39	34.97	39.72	

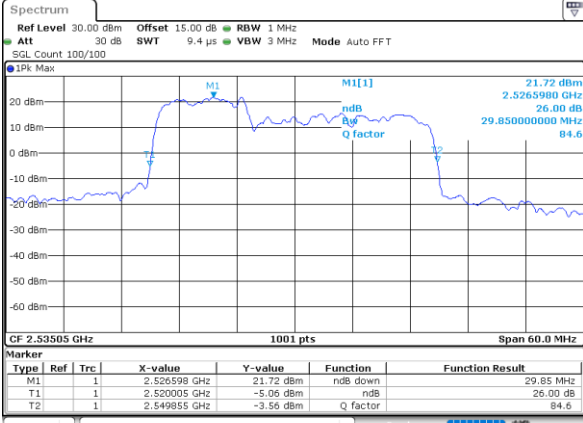
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.91	25.28	30.75	35.04
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.97	34.83	39.96	



LTE Band 7C

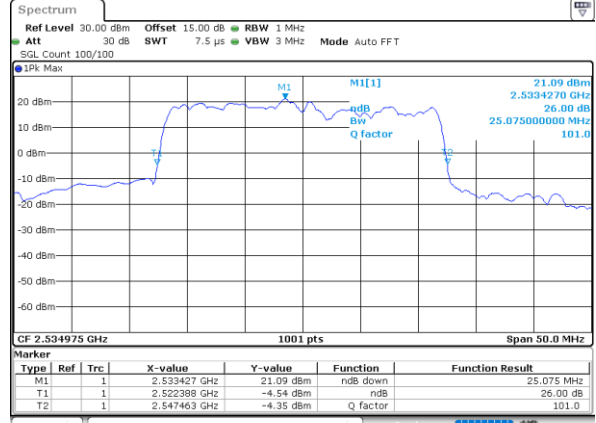
QPSK

Middle Channel / 10MHz+20MHz



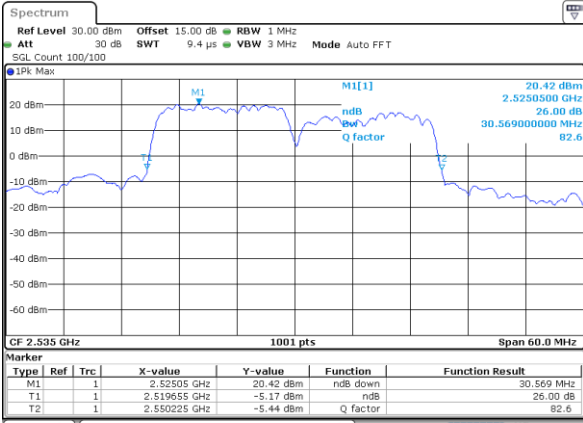
Date: 20. DEC. 2023 21:29:37

Middle Channel / 15MHz+10MHz



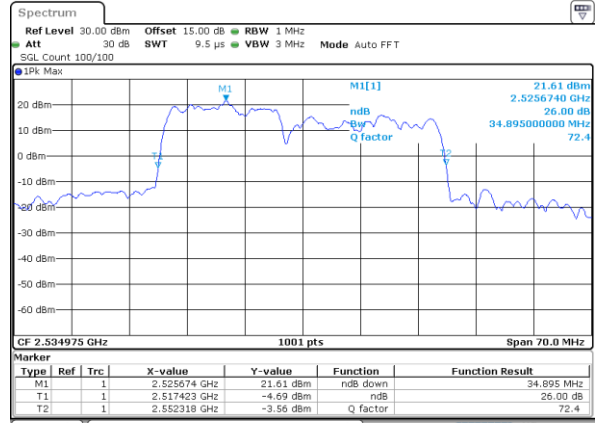
Date: 20. DEC. 2023 23:55:47

Middle Channel / 15MHz+15MHz



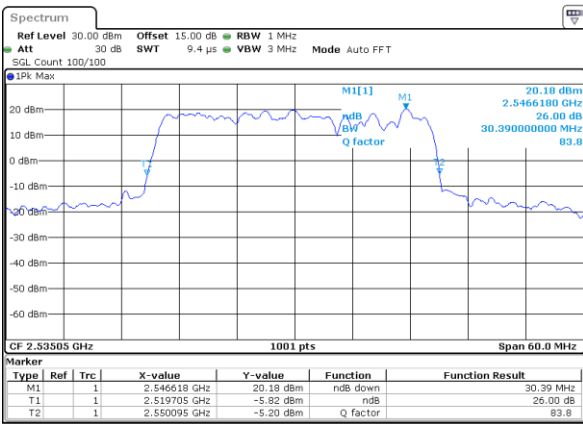
Date: 20. DEC. 2023 22:18:48

Middle Channel / 15MHz+20MHz



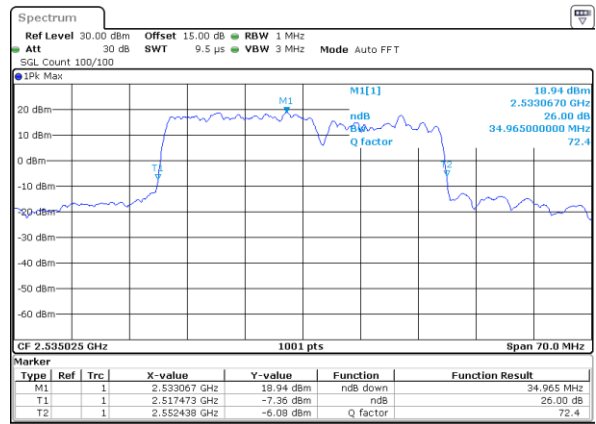
Date: 20. DEC. 2023 22:42:32

Middle Channel / 20MHz+10MHz



Date: 20. DEC. 2023 21:54:10

Middle Channel / 20MHz+15MHz



Date: 20. DEC. 2023 23:07:18



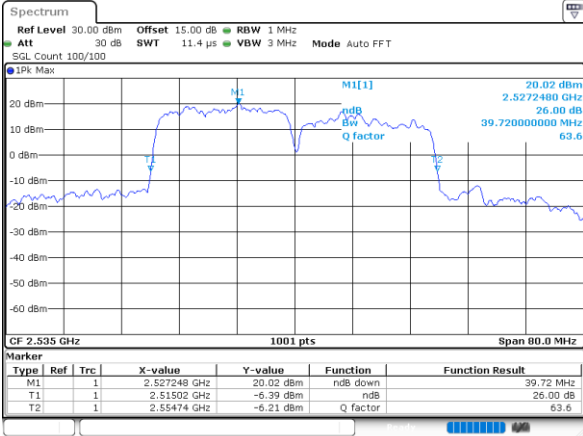


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



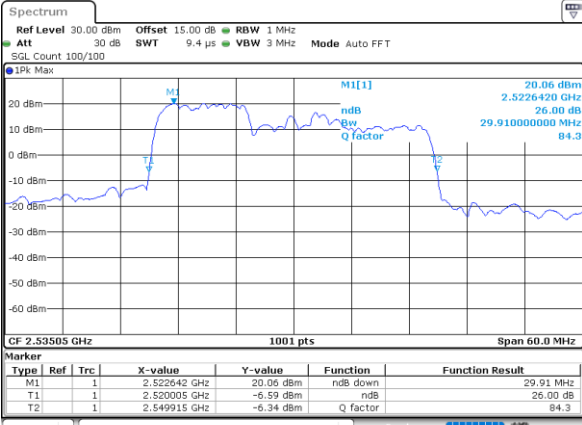
Date: 20 DEC 2023 23:31:55



LTE Band 7C

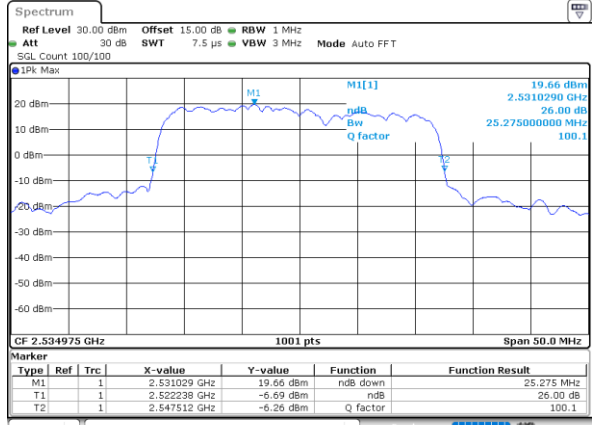
16QAM

Middle Channel / 10MHz+20MHz



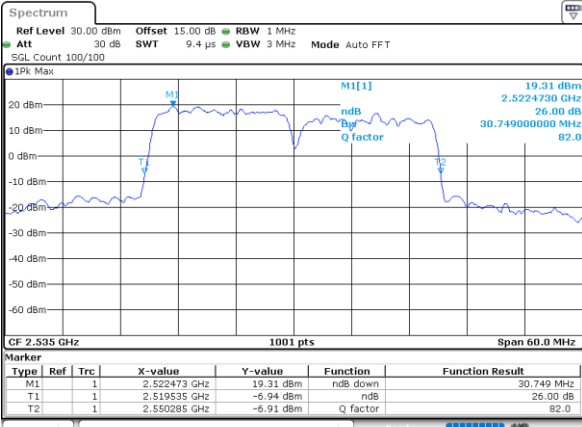
Date: 20. DEC. 2023 21:30:08

Middle Channel / 15MHz+10MHz



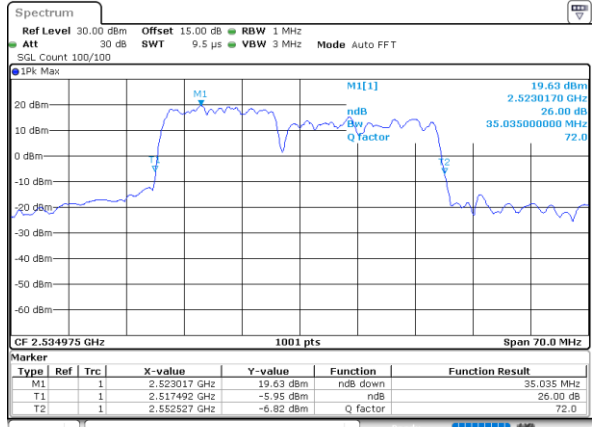
Date: 20. DEC. 2023 23:56:17

Middle Channel / 15MHz+15MHz



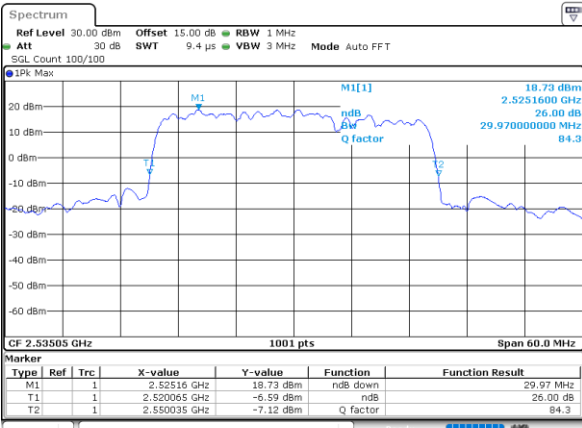
Date: 20. DEC. 2023 22:19:17

Middle Channel / 15MHz+20MHz



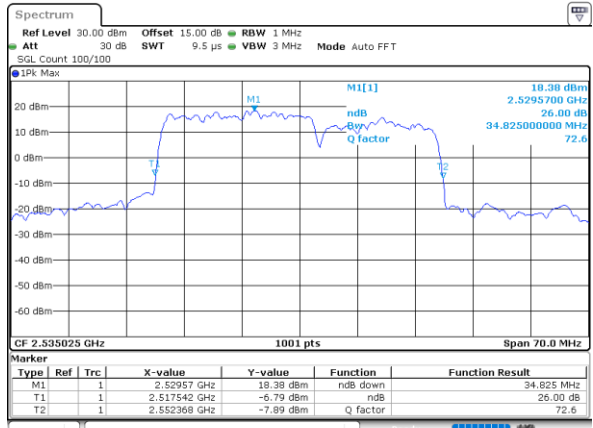
Date: 20. DEC. 2023 22:43:03

Middle Channel / 20MHz+10MHz



Date: 20. DEC. 2023 21:54:41

Middle Channel / 20MHz+15MHz



Date: 20. DEC. 2023 23:07:49

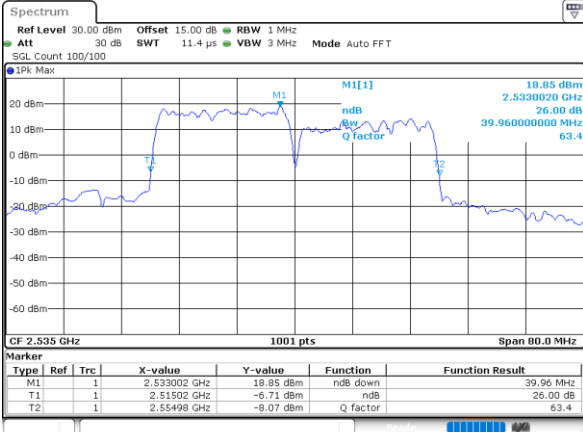


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A





### Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.11	23.53	28.71	32.66
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	33.22	37.64	

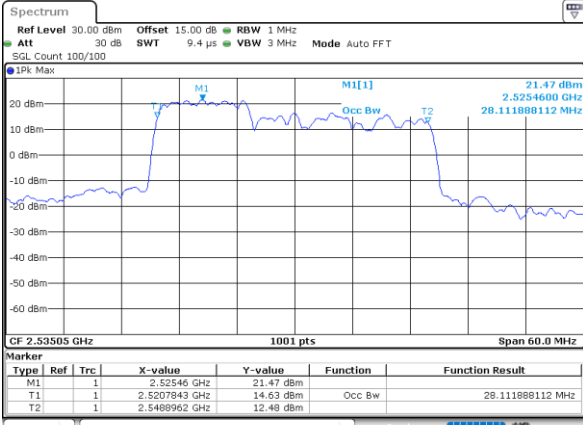
Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.81	23.13	28.47	33.01
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.59	37.40	



LTE Band 7C

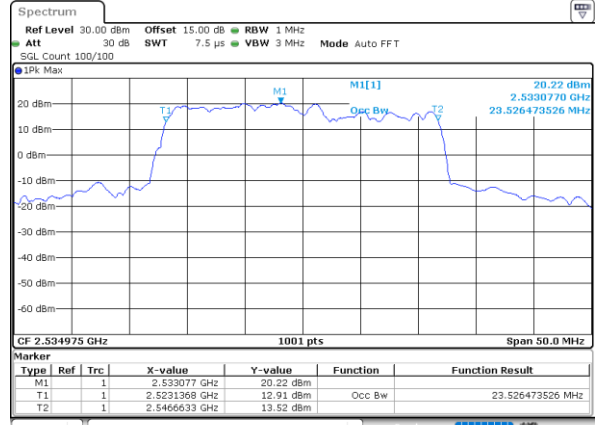
QPSK

Middle Channel / 10MHz+20MHz



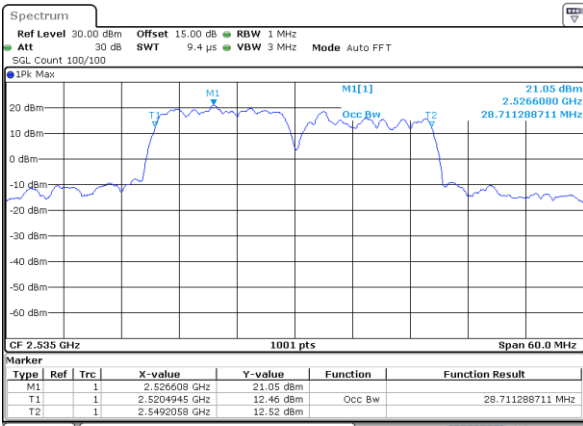
Date: 20. DEC. 2023 21:29:06

Middle Channel / 15MHz+10MHz



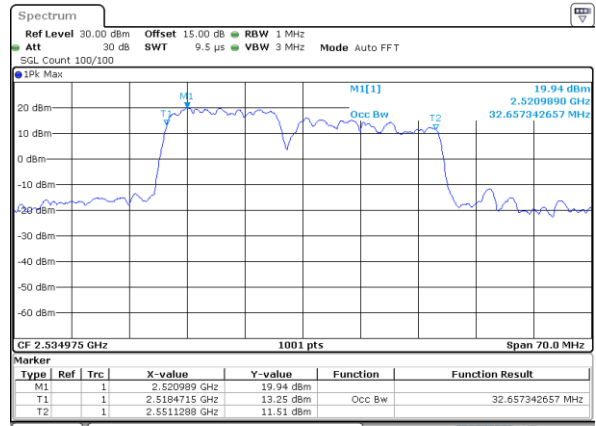
Date: 20. DEC. 2023 23:55:16

Middle Channel / 15MHz+15MHz



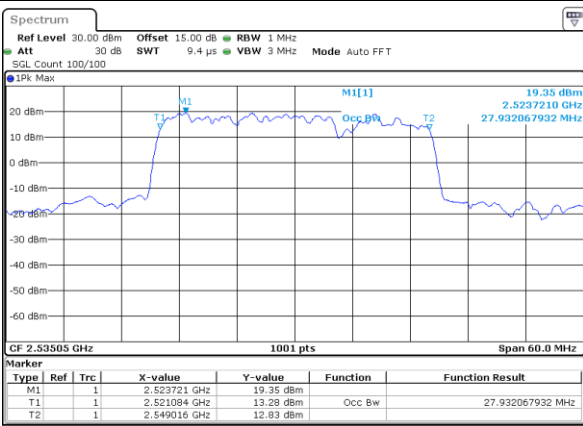
Date: 20. DEC. 2023 22:18:21

Middle Channel / 15MHz+20MHz



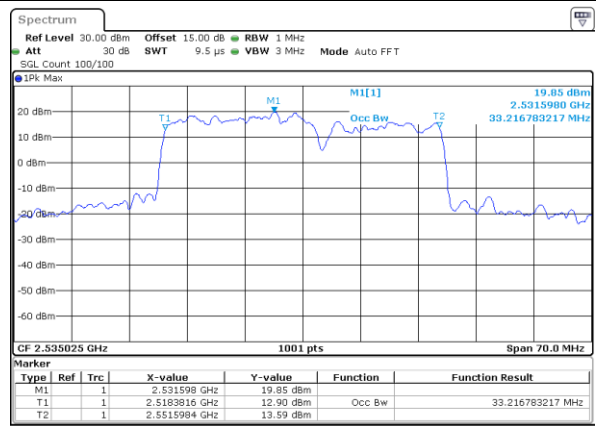
Date: 20. DEC. 2023 22:42:02

Middle Channel / 20MHz+10MHz



Date: 20. DEC. 2023 21:53:40

Middle Channel / 20MHz+15MHz



Date: 20. DEC. 2023 23:06:48

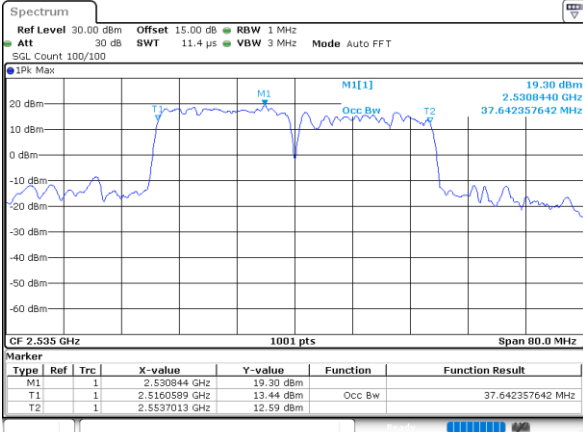


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

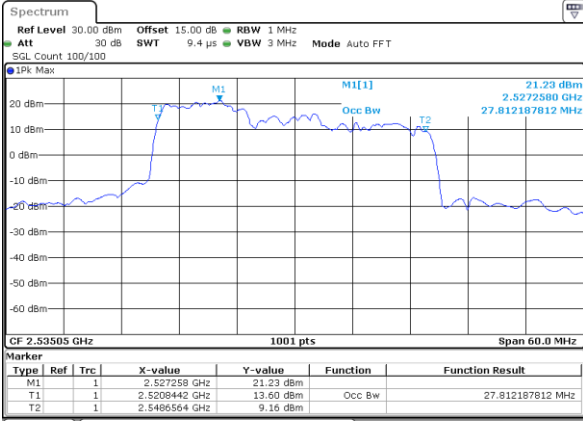




LTE Band 7C

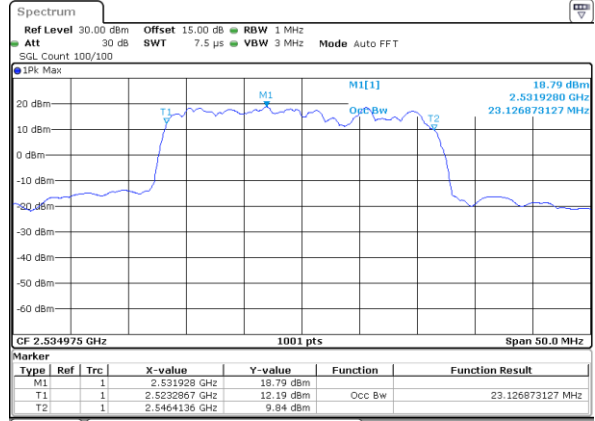
16QAM

Middle Channel / 10MHz+20MHz



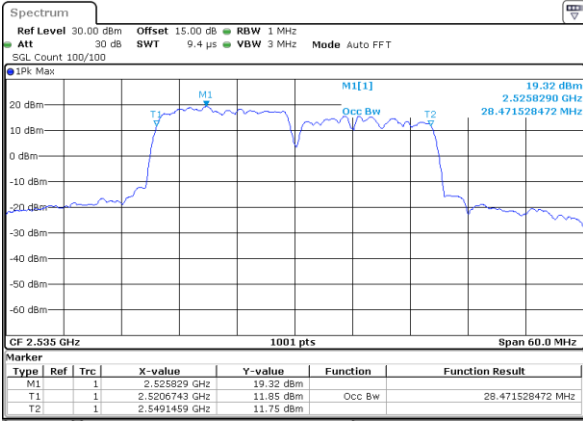
Date: 20. DEC. 2023 21:30:38

Middle Channel / 15MHz+10MHz



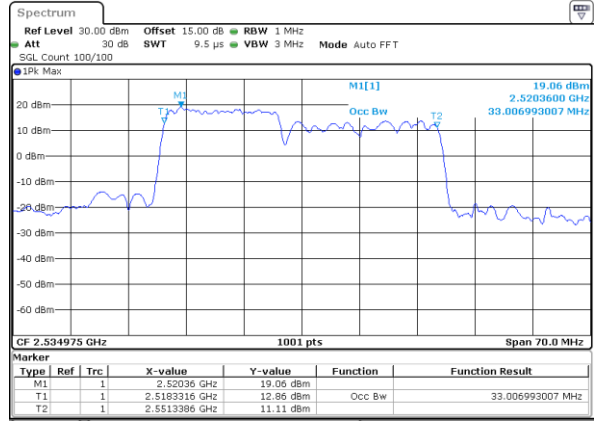
Date: 20. DEC. 2023 23:56:51

Middle Channel / 15MHz+15MHz



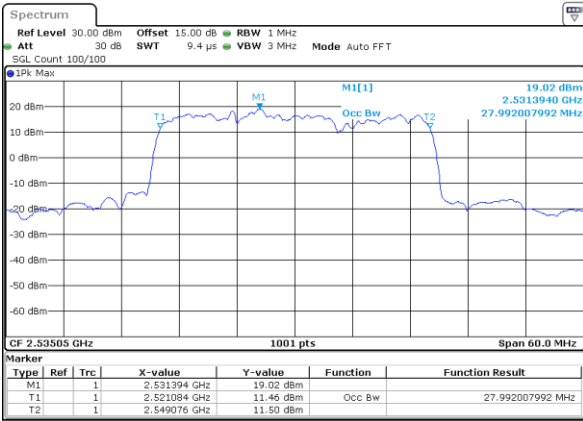
Date: 20. DEC. 2023 22:19:47

Middle Channel / 15MHz+20MHz



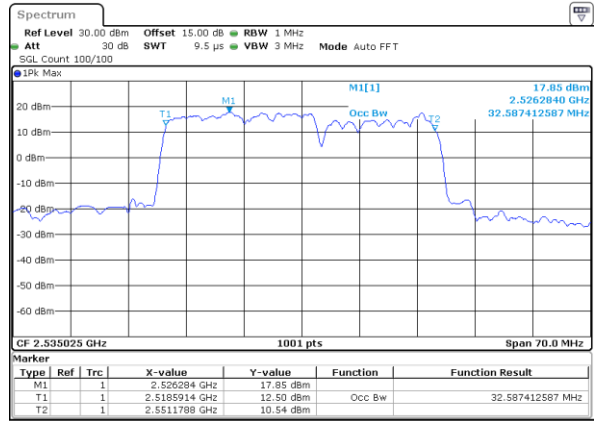
Date: 20. DEC. 2023 22:43:36

Middle Channel / 20MHz+10MHz



Date: 20. DEC. 2023 21:55:14

Middle Channel / 20MHz+15MHz



Date: 20. DEC. 2023 23:08:22

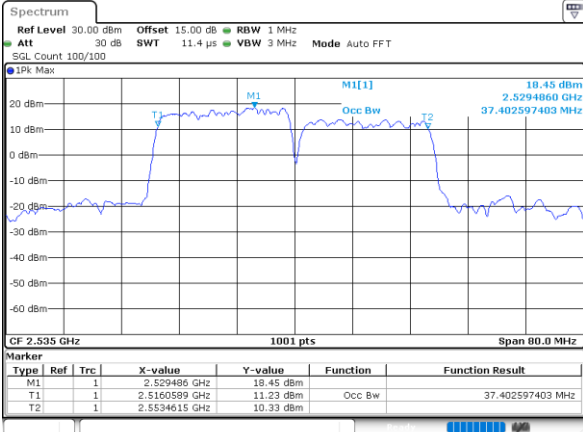


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A





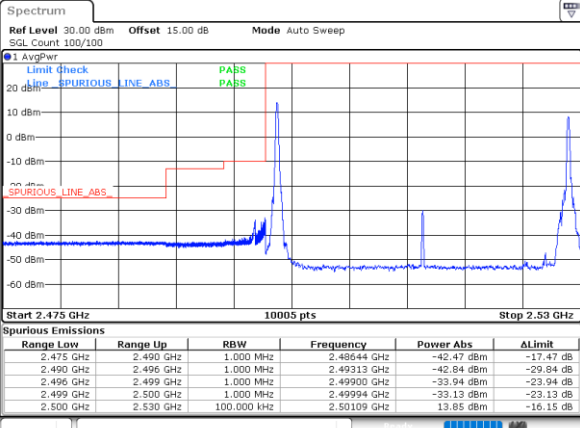


# Conducted Band Edge

## LTE Band 7C / 10MHz+20MHz

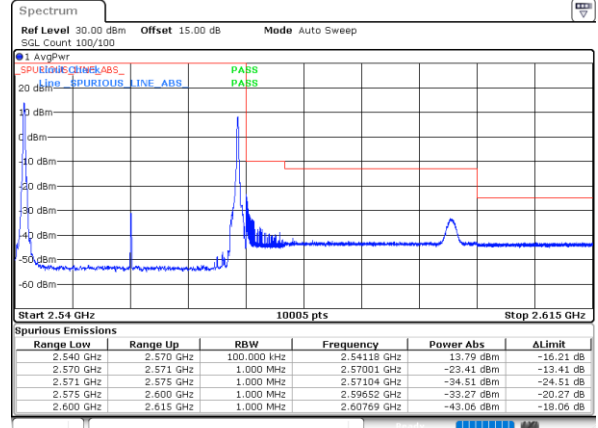
### QPSK

#### Lowest Band Edge / 1RB0 and 1RB99



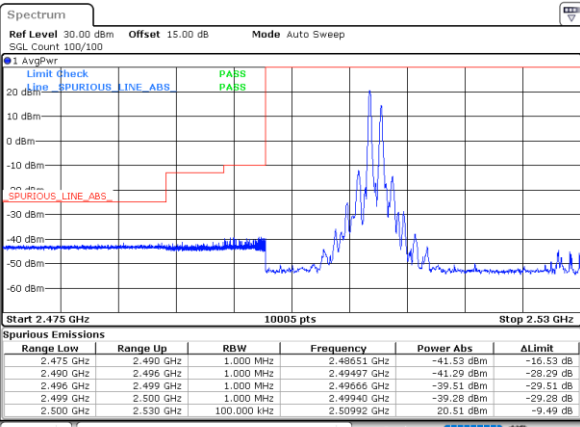
Date: 20, DEC, 2023 21:39:22

#### Highest Band Edge / 1RB0 and 1RB99



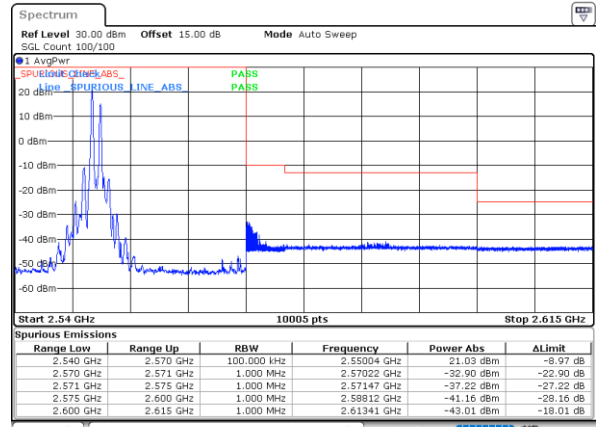
Date: 20, DEC, 2023 21:46:37

#### Lowest Band Edge / 1RB49 and 1RB0



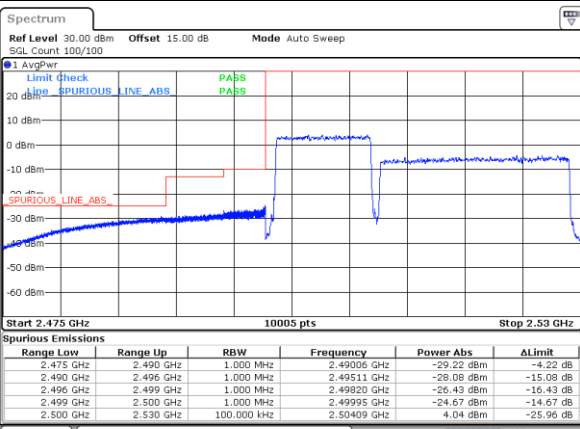
Date: 20, DEC, 2023 21:34:12

#### Highest Band Edge / 1RB49 and 1RB0



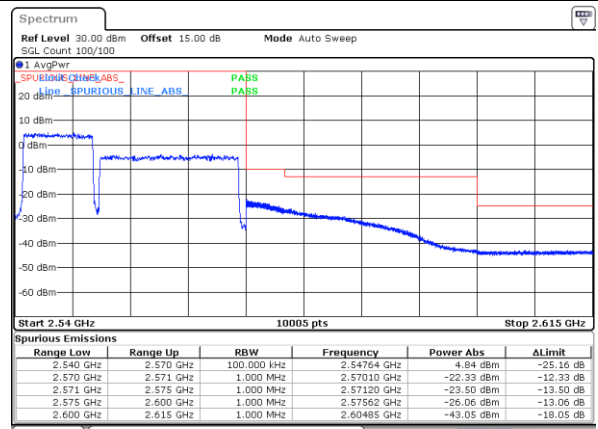
Date: 20, DEC, 2023 21:51:47

#### Lowest Band Edge / Full RB



Date: 21, DEC, 2023 21:51:51

#### Highest Band Edge / Full RB



Date: 20, DEC, 2023 21:45:35

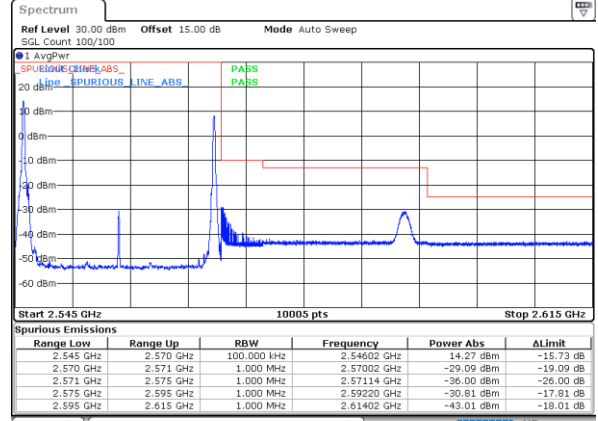
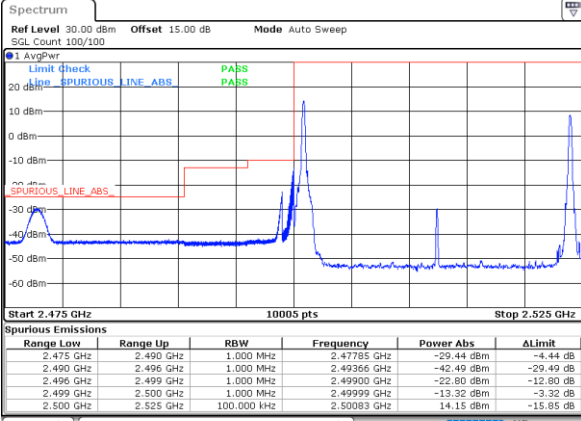


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

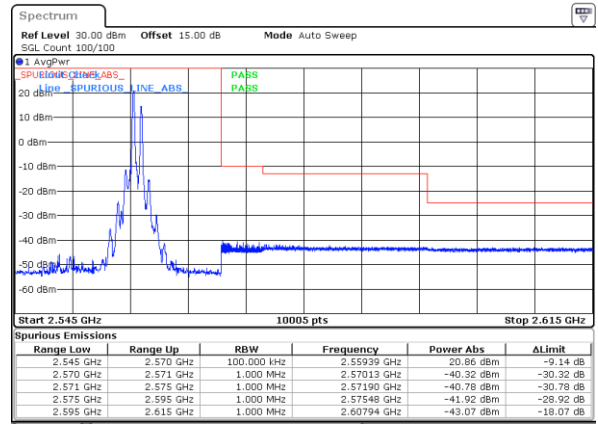
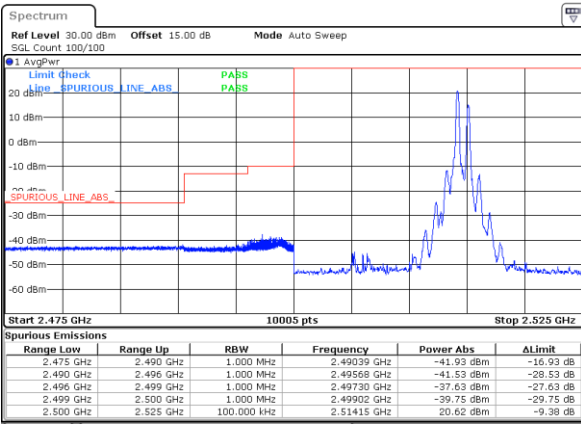


Date: 21. DEC. 2023 00:05:42

Date: 21. DEC. 2023 00:13:02

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

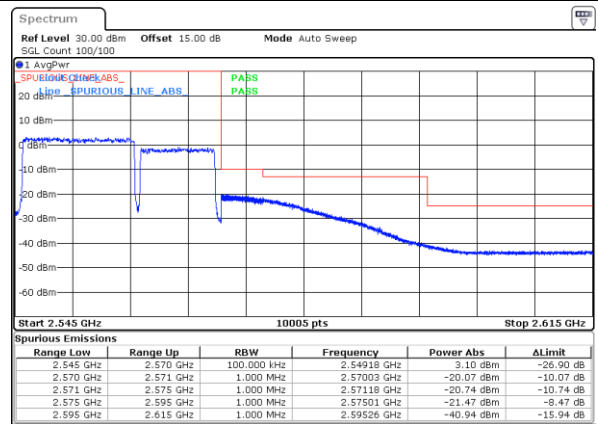
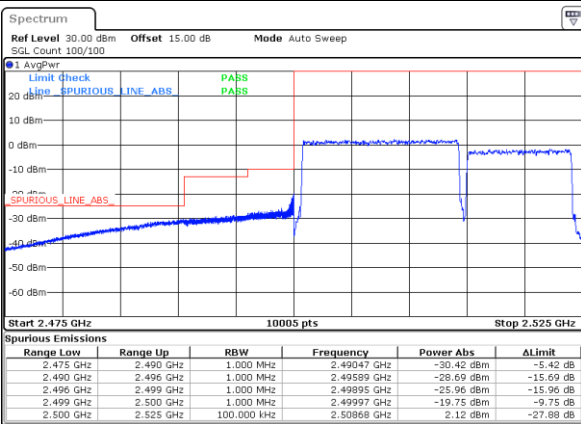


Date: 21. DEC. 2023 00:00:29

Date: 21. DEC. 2023 00:18:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21. DEC. 2023 21:52:57

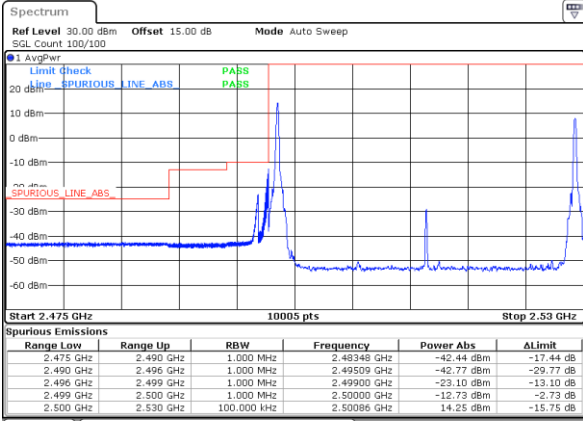
Date: 21. DEC. 2023 00:11:58



LTE Band 7C / 15MHz+15MHz

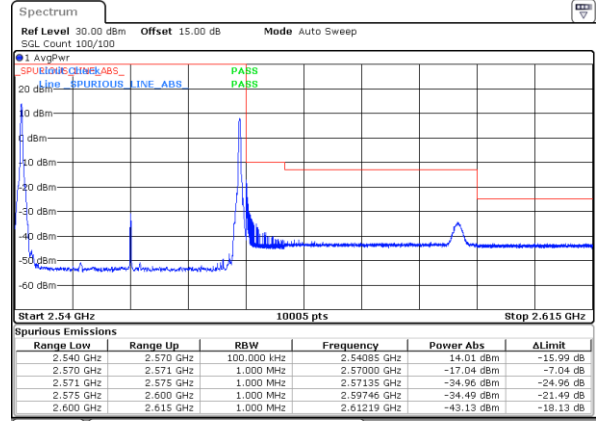
QPSK

Lowest Band Edge / 1RB0 and 1RB74



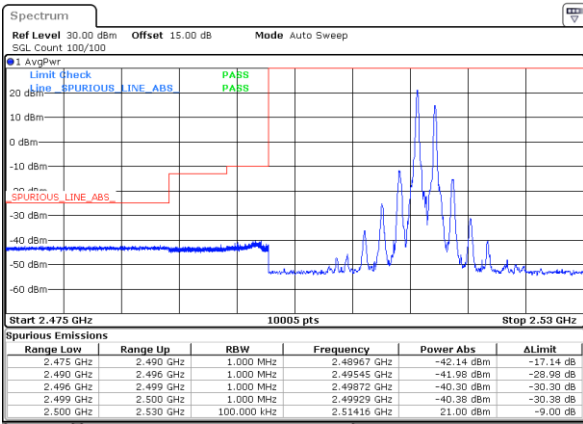
Date: 20, DEC, 2023 22:28:15

Highest Band Edge / 1RB0 and 1RB74



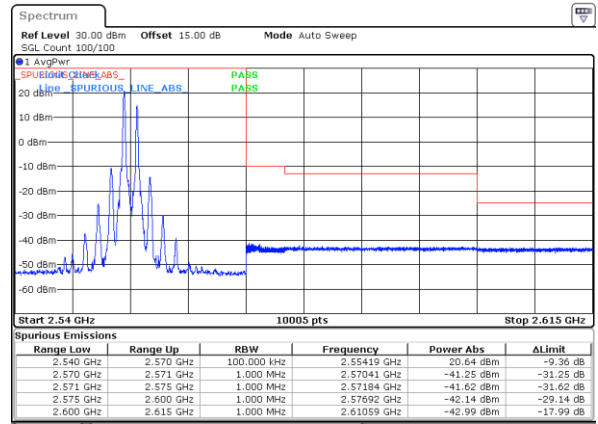
Date: 20, DEC, 2023 22:35:16

Lowest Band Edge / 1RB74 and 1RB0



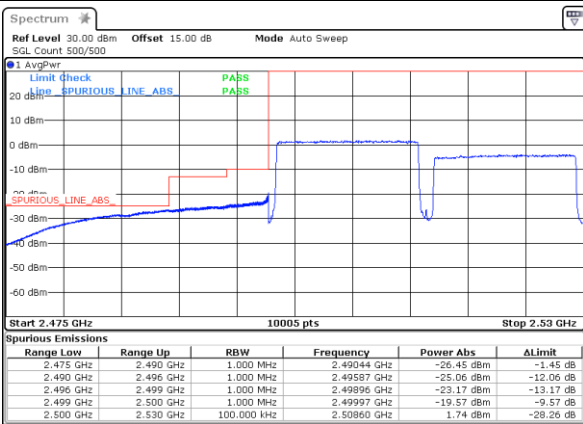
Date: 20, DEC, 2023 22:23:14

Highest Band Edge / 1RB74 and 1RB0



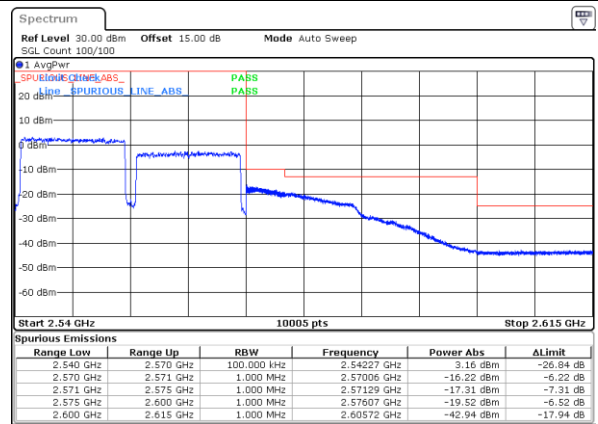
Date: 20, DEC, 2023 22:40:15

Lowest Band Edge / Full RB



Date: 21, DEC, 2023 23:38:10

Highest Band Edge / Full RB



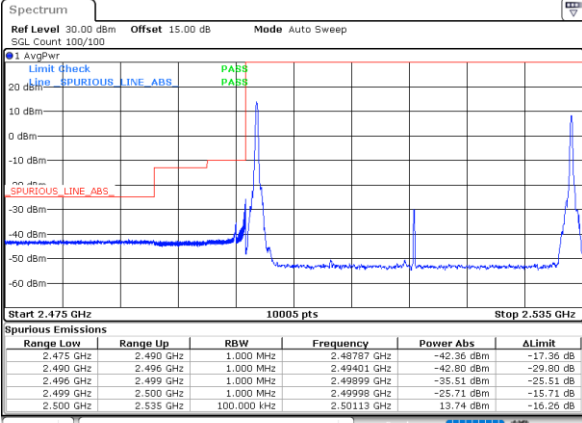
Date: 20, DEC, 2023 22:34:14



LTE Band 7C / 15MHz+20MHz

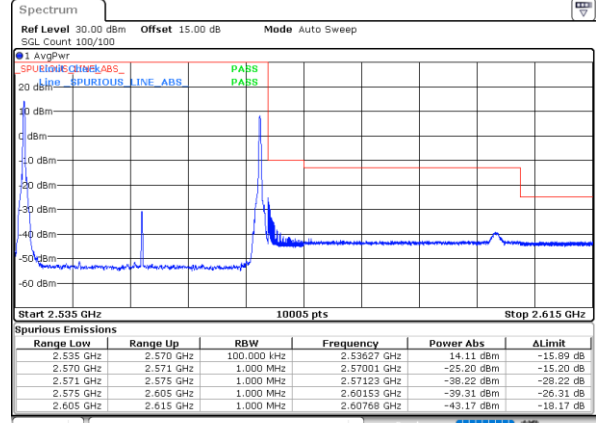
QPSK

Lowest Band Edge / 1RB0 and 1RB9



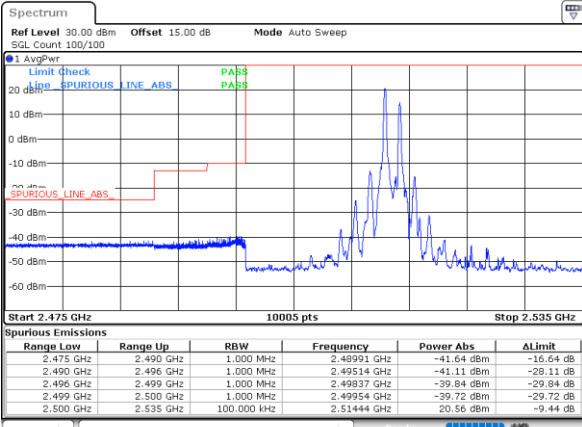
Date: 20, DEC, 2023 22:52:26

Highest Band Edge / 1RB0 and 1RB9



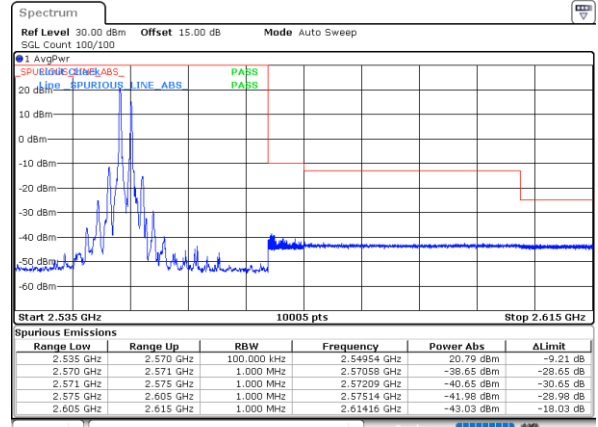
Date: 20, DEC, 2023 22:59:45

Lowest Band Edge / 1RB74 and 1RB0



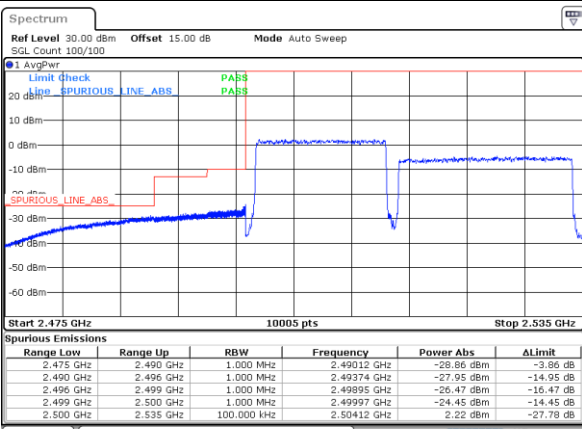
Date: 20, DEC, 2023 22:47:13

Highest Band Edge / 1RB74 and 1RB0



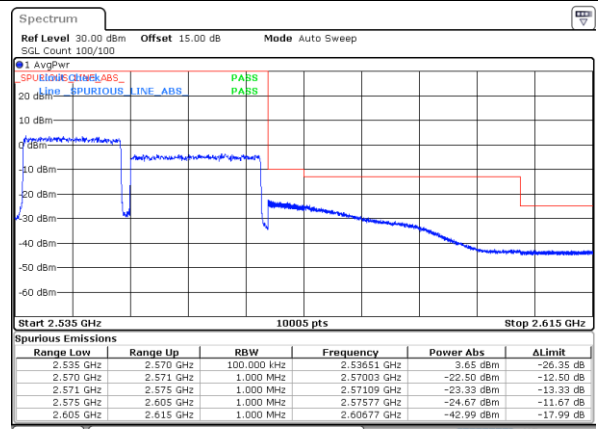
Date: 20, DEC, 2023 23:04:56

Lowest Band Edge / Full RB



Date: 21, DEC, 2023 21:55:02

Highest Band Edge / Full RB



Date: 20, DEC, 2023 22:58:41

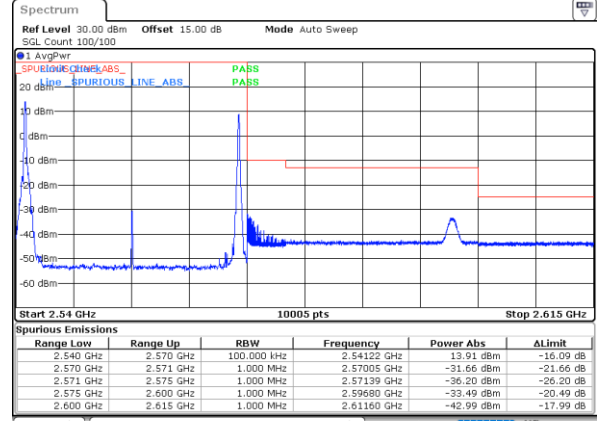
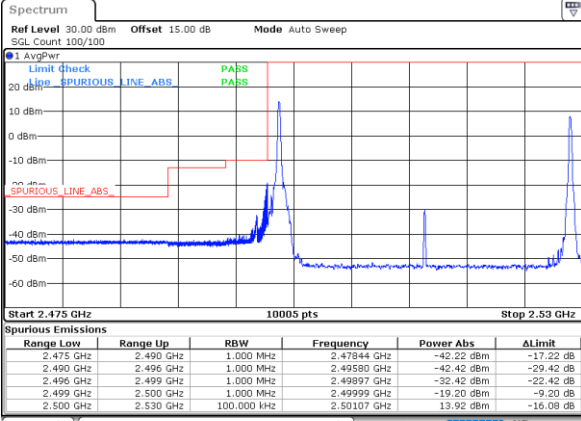


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

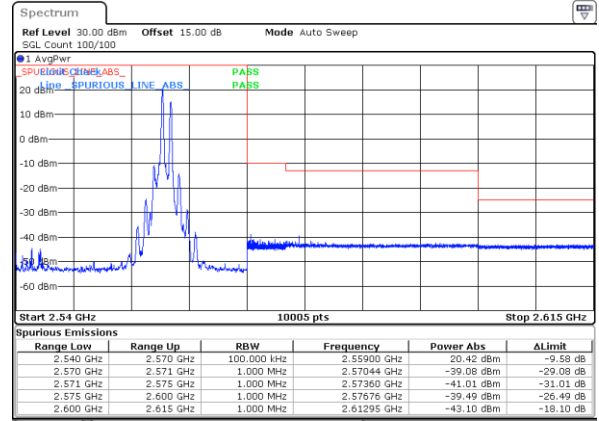
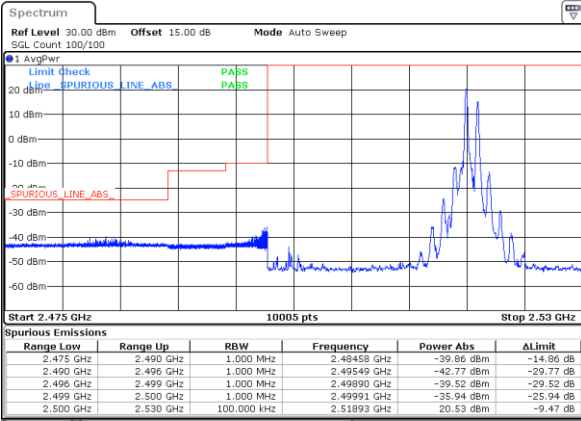


Date: 20, DEC, 2023 22:04:02

Date: 20, DEC, 2023 22:11:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

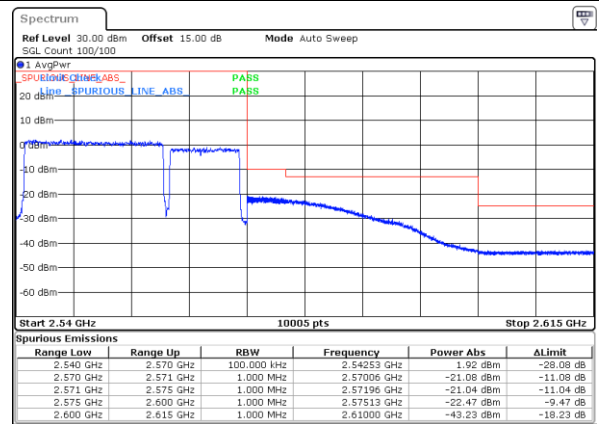
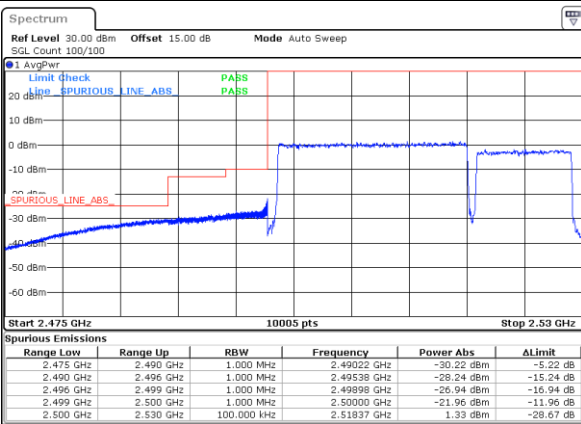


Date: 20, DEC, 2023 21:58:48

Date: 20, DEC, 2023 22:16:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21, DEC, 2023 21:56:08

Date: 20, DEC, 2023 22:10:16

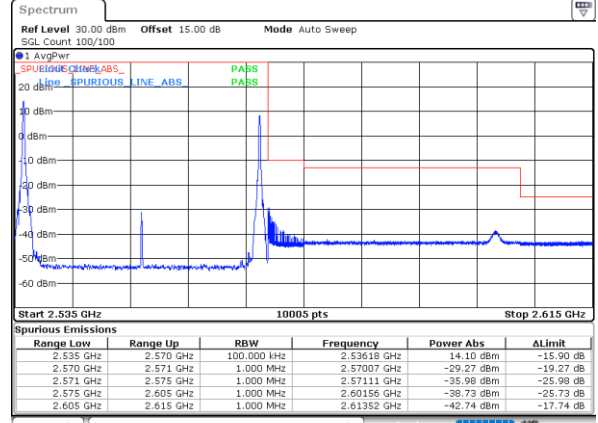
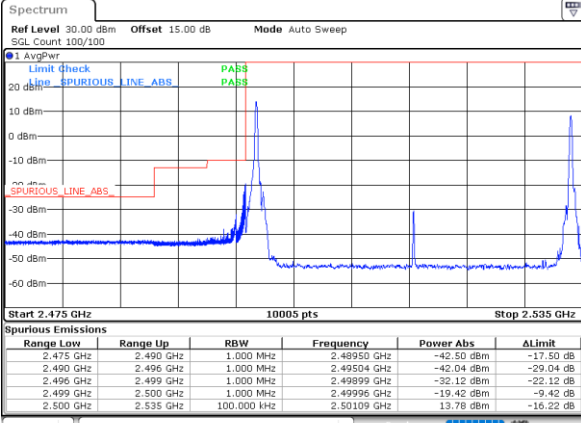


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

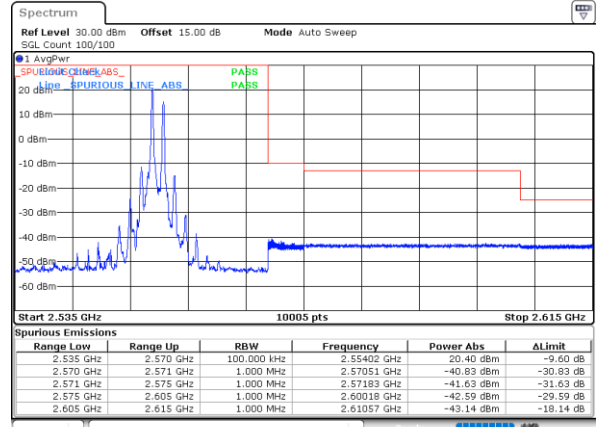
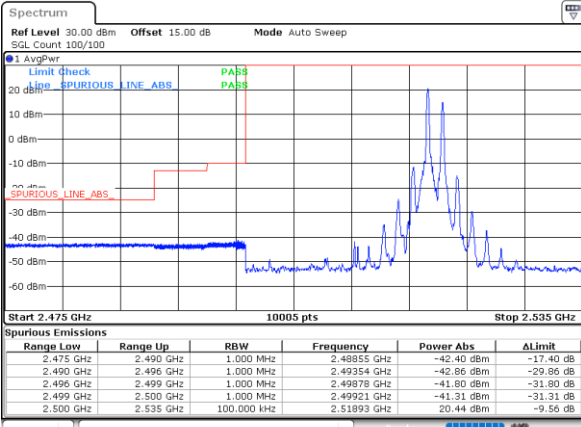


Date: 20, DEC, 2023 23:17:10

Date: 20, DEC, 2023 23:24:28

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

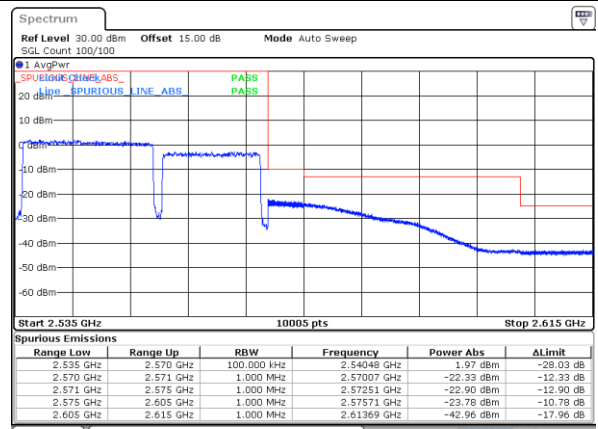
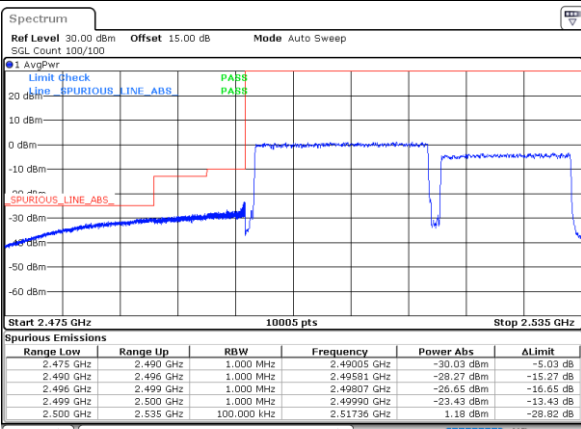


Date: 20, DEC, 2023 23:11:56

Date: 20, DEC, 2023 23:29:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21, DEC, 2023 21:57:10

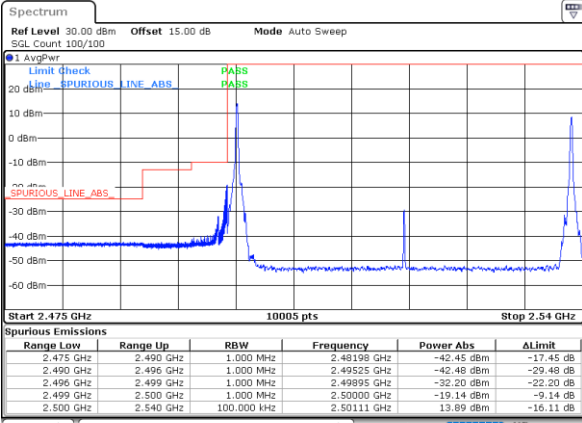
Date: 20, DEC, 2023 23:23:25



LTE Band 7C / 20MHz+20MHz

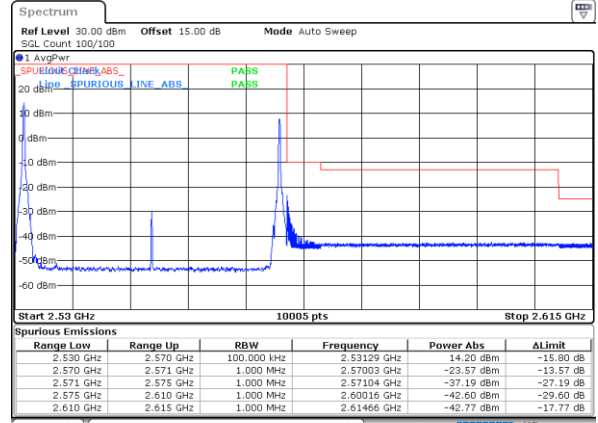
QPSK

Lowest Band Edge / 1RB0 and 1RB9



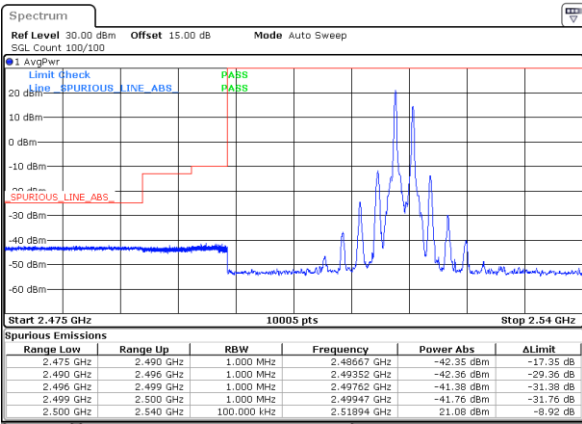
Date: 20, DEC, 2023 23:41:27

Highest Band Edge / 1RB0 and 1RB9



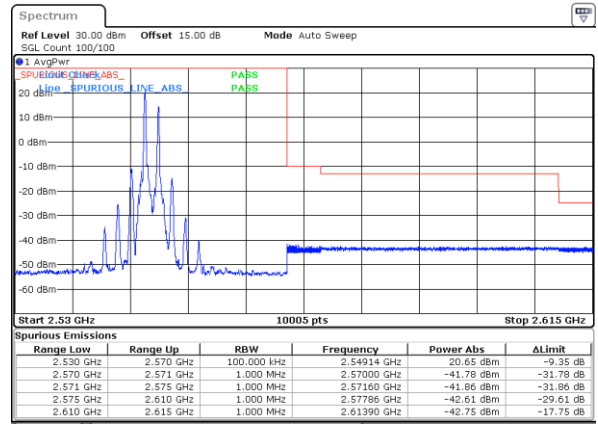
Date: 20, DEC, 2023 23:48:28

Lowest Band Edge / 1RB99 and 1RB0



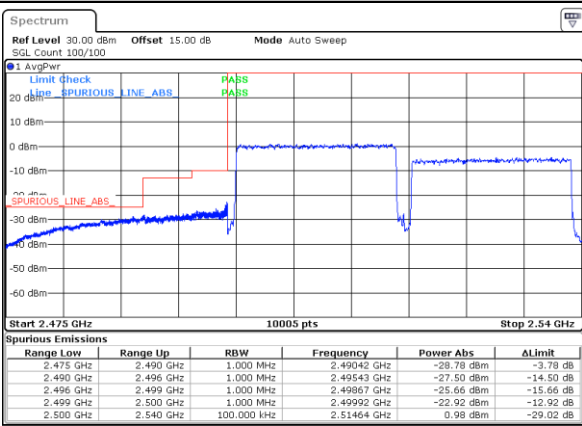
Date: 20, DEC, 2023 23:36:27

Highest Band Edge / 1RB99 and 1RB0



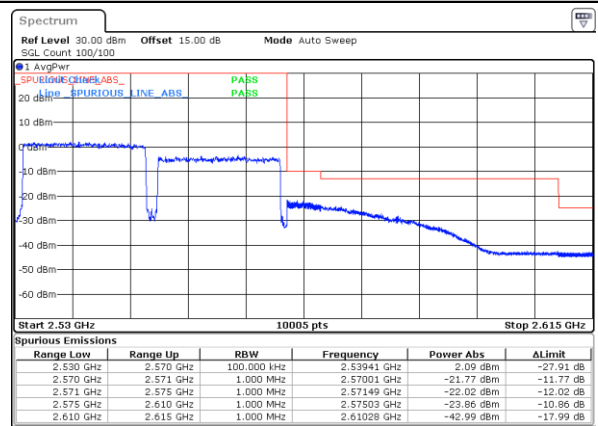
Date: 20, DEC, 2023 23:53:27

Lowest Band Edge / Full RB



Date: 21, DEC, 2023 21:58:12

Highest Band Edge / Full RB



Date: 20, DEC, 2023 23:47:27