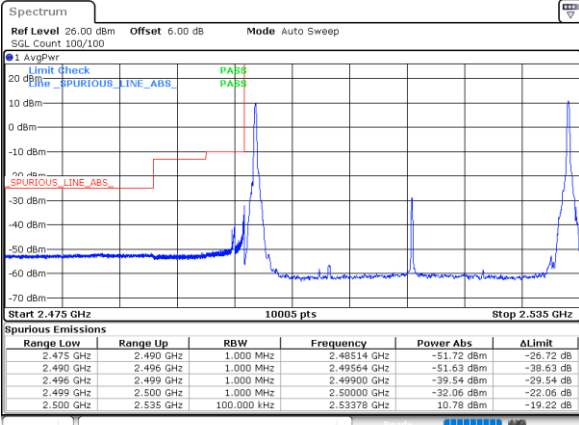




LTE Band 7 / 15MHz+20MHz

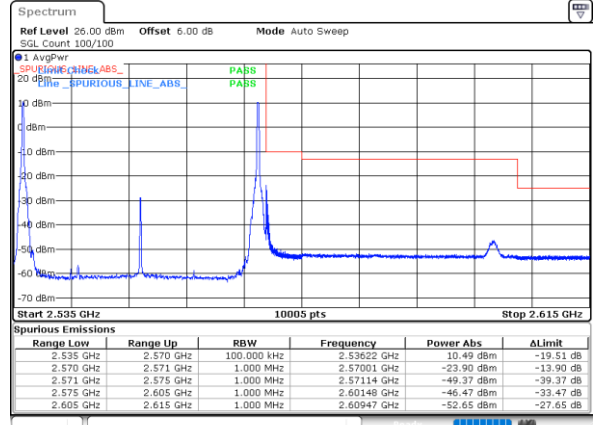
256QAM

Lowest Band Edge / 1RB0 and 1RB9



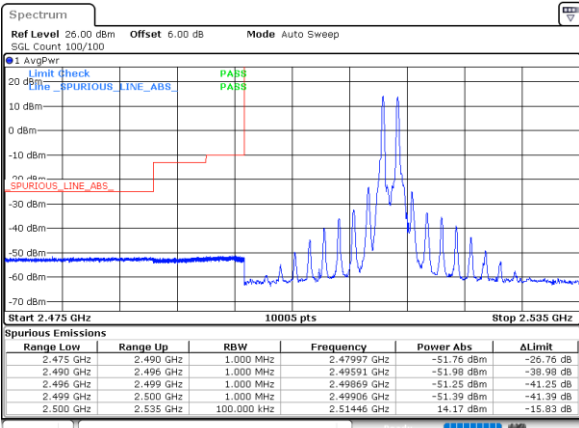
Date: 18.FEB.2023 22:10:40

Highest Band Edge / 1RB0 and 1RB9



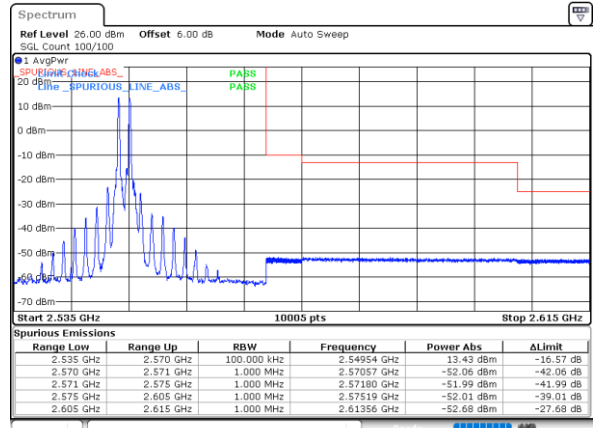
Date: 18.FEB.2023 22:21:57

Lowest Band Edge / 1RB74 and 1RB0



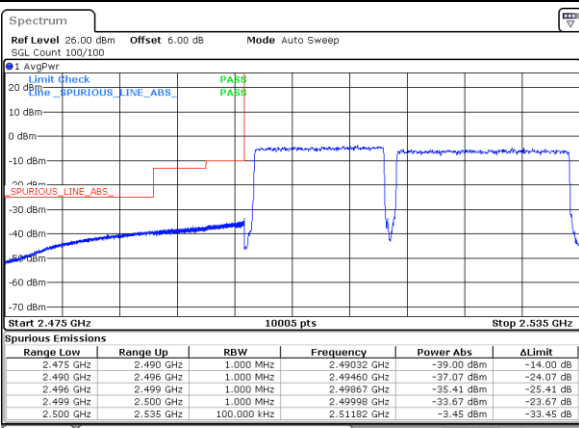
Date: 18.FEB.2023 22:10:44

Highest Band Edge / 1RB74 and 1RB0



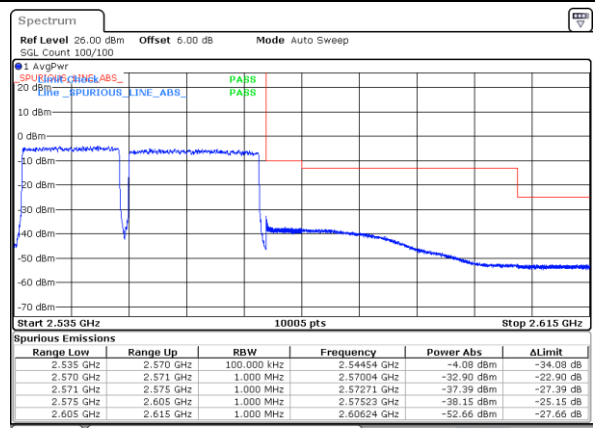
Date: 18.FEB.2023 22:25:55

Lowest Band Edge / Full RB



Date: 18.FEB.2023 22:14:49

Highest Band Edge / Full RB



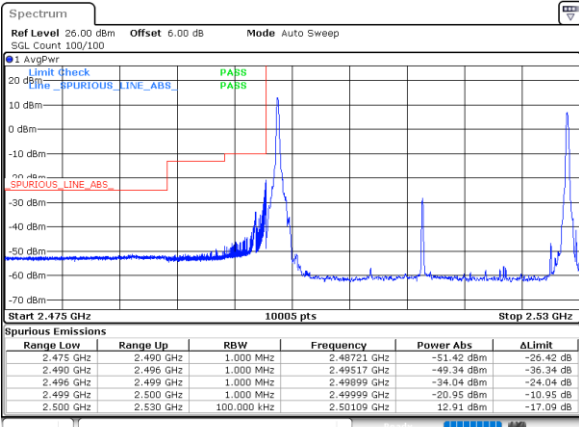
Date: 18.FEB.2023 22:29:54



LTE Band 7 / 20MHz+10MHz

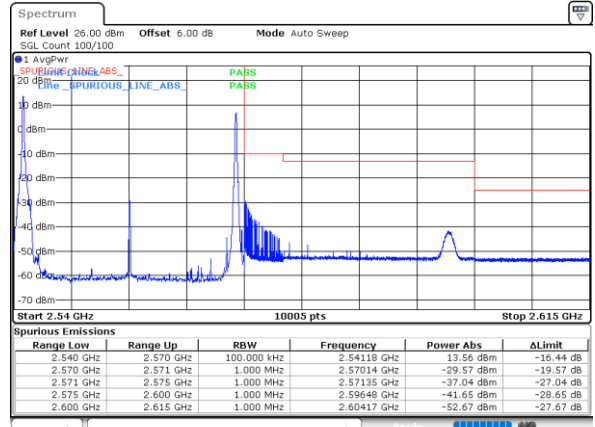
256QAM

Lowest Band Edge / 1RB0 and 1RB49



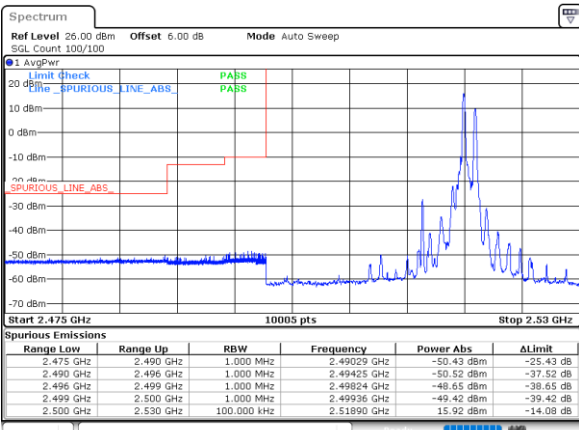
Date: 18.FEB.2023 22:35:29

Highest Band Edge / 1RB0 and 1RB49



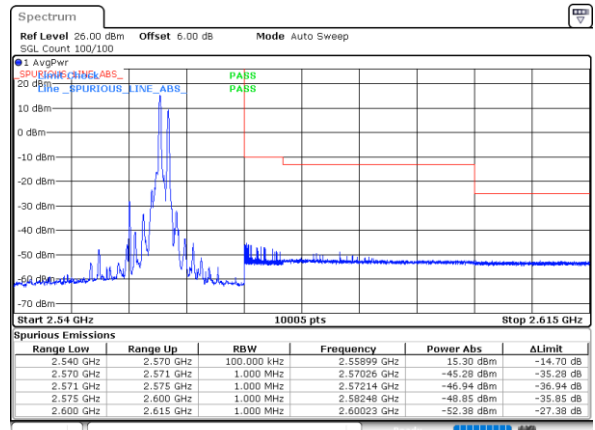
Date: 18.FEB.2023 22:50:37

Lowest Band Edge / 1RB99 and 1RB0



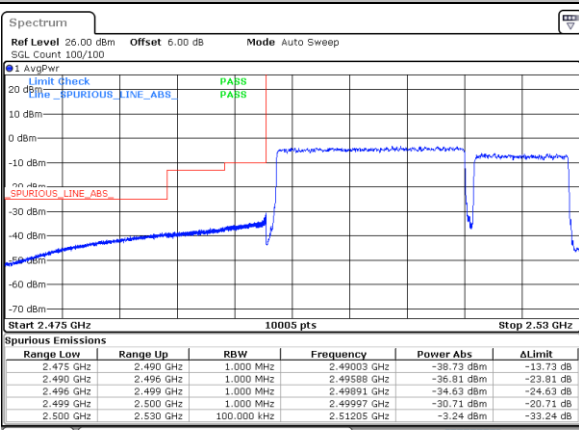
Date: 18.FEB.2023 22:39:28

Highest Band Edge / 1RB99 and 1RB0



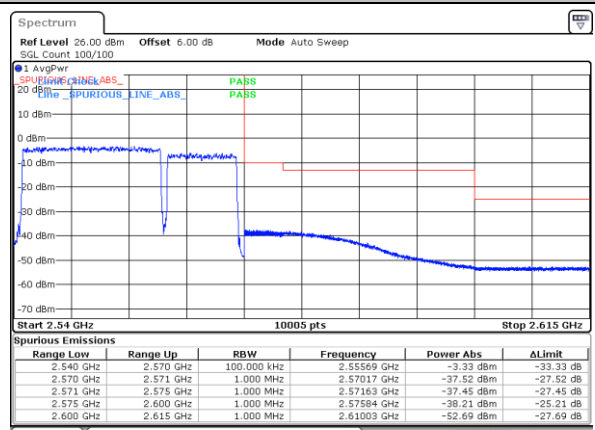
Date: 18.FEB.2023 22:54:36

Lowest Band Edge / Full RB



Date: 18.FEB.2023 22:43:28

Highest Band Edge / Full RB



Date: 18.FEB.2023 22:58:35

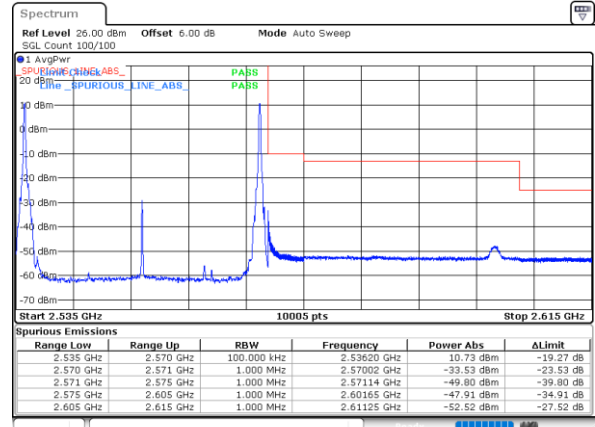
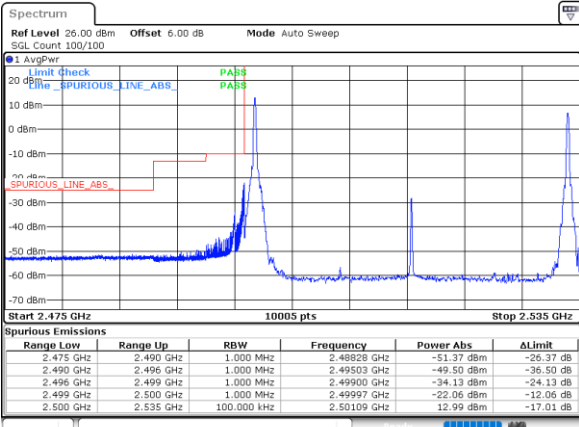


LTE Band 7 / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

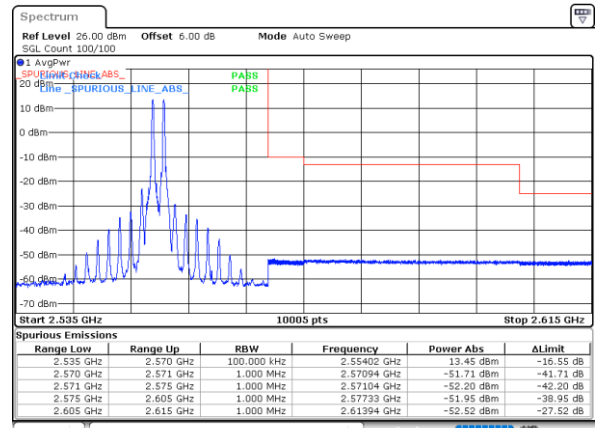
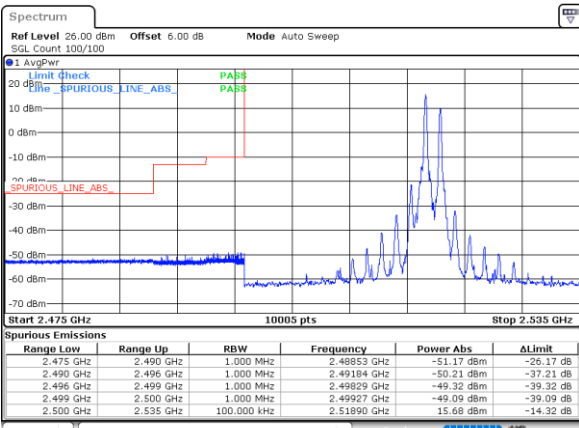


Date: 18.FEB.2023 23:04:11

Date: 18.FEB.2023 23:19:21

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

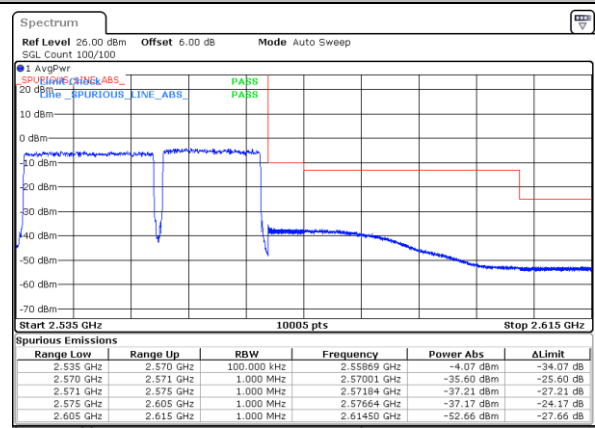
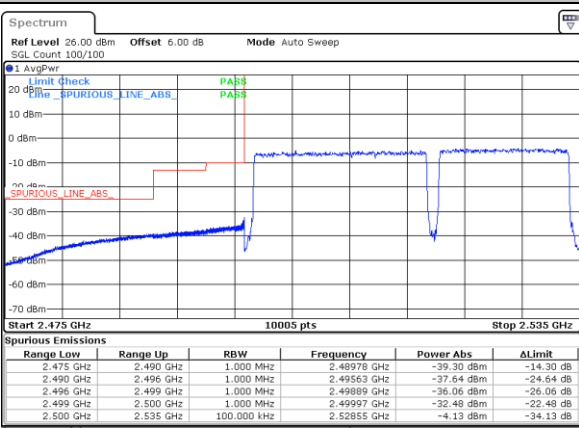


Date: 18.FEB.2023 23:08:11

Date: 18.FEB.2023 23:19:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.FEB.2023 23:12:11

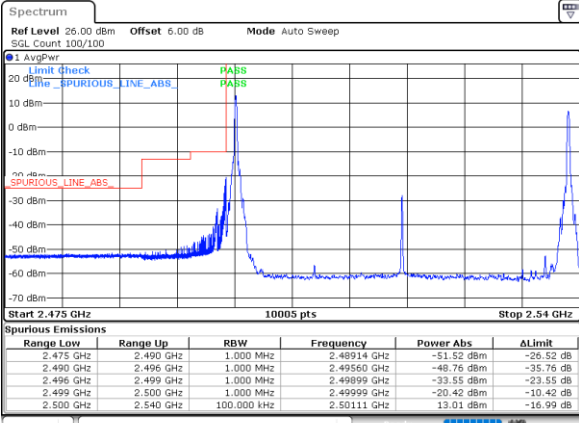
Date: 18.FEB.2023 23:27:19



LTE Band 7 / 20MHz+20MHz

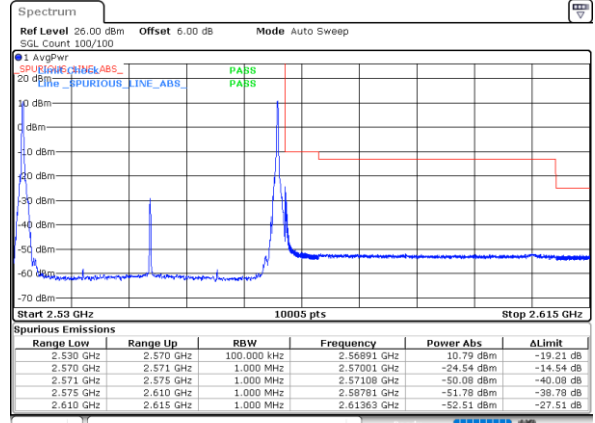
256QAM

Lowest Band Edge / 1RB0 and 1RB9



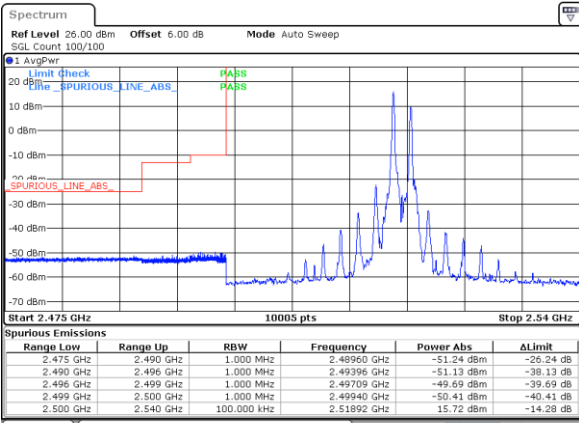
Date: 18.FEB.2023 23:32:54

Highest Band Edge / 1RB0 and 1RB9



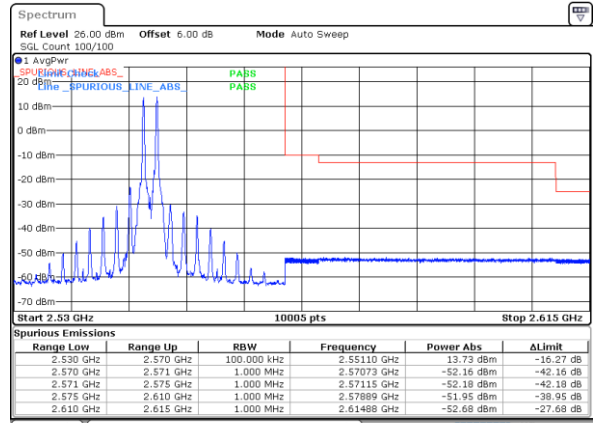
Date: 18.FEB.2023 23:48:03

Lowest Band Edge / 1RB99 and 1RB0



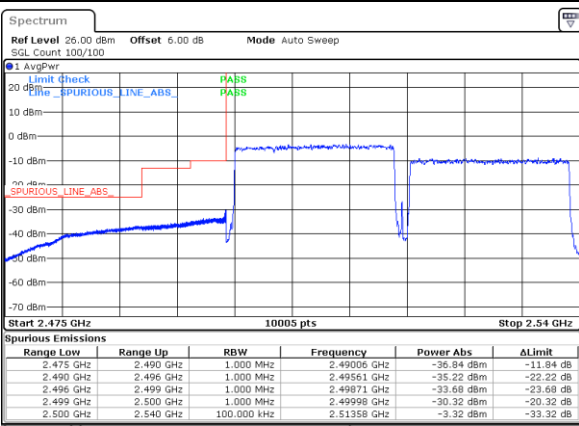
Date: 18.FEB.2023 23:36:55

Highest Band Edge / 1RB99 and 1RB0



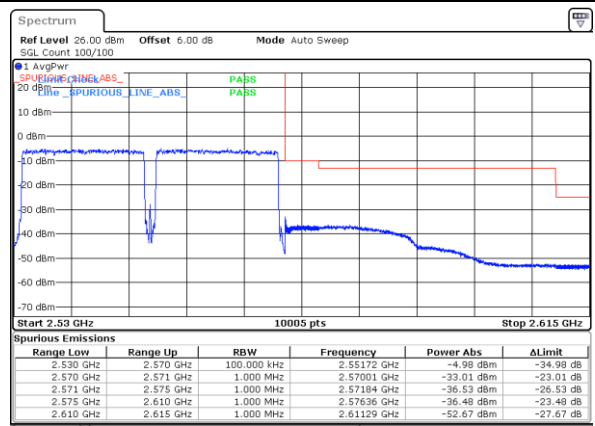
Date: 18.FEB.2023 23:52:02

Lowest Band Edge / Full RB



Date: 18.FEB.2023 23:40:54

Highest Band Edge / Full RB



Date: 18.FEB.2023 23:56:03

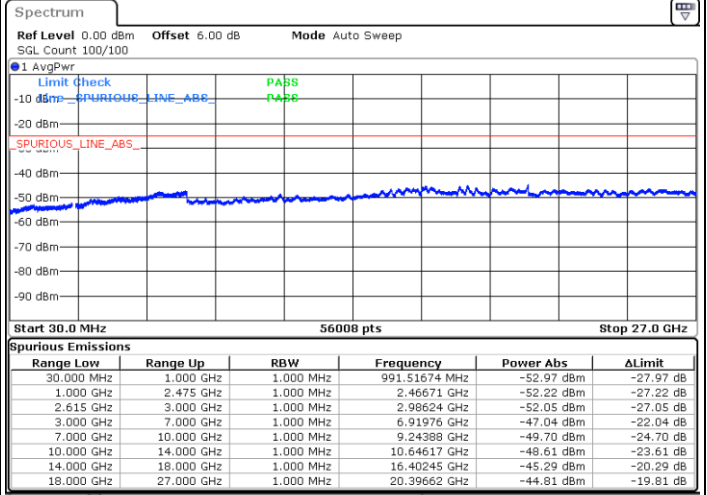
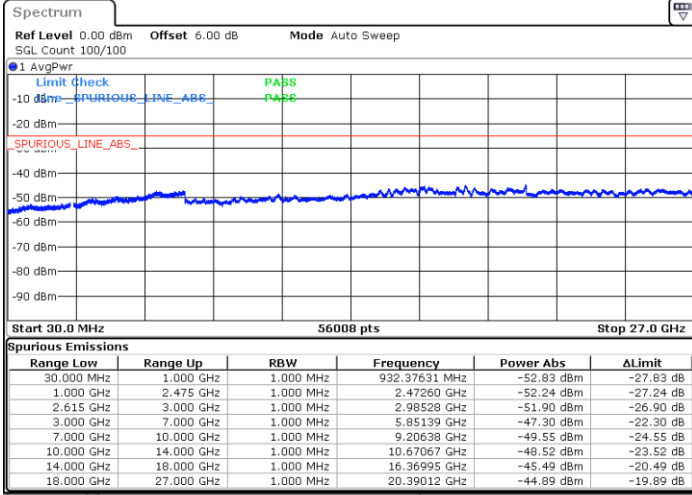


# Conducted Spurious Emission

## LTE Band 7 / 10MHz+20MHz

### Lowest Channel / QPSK

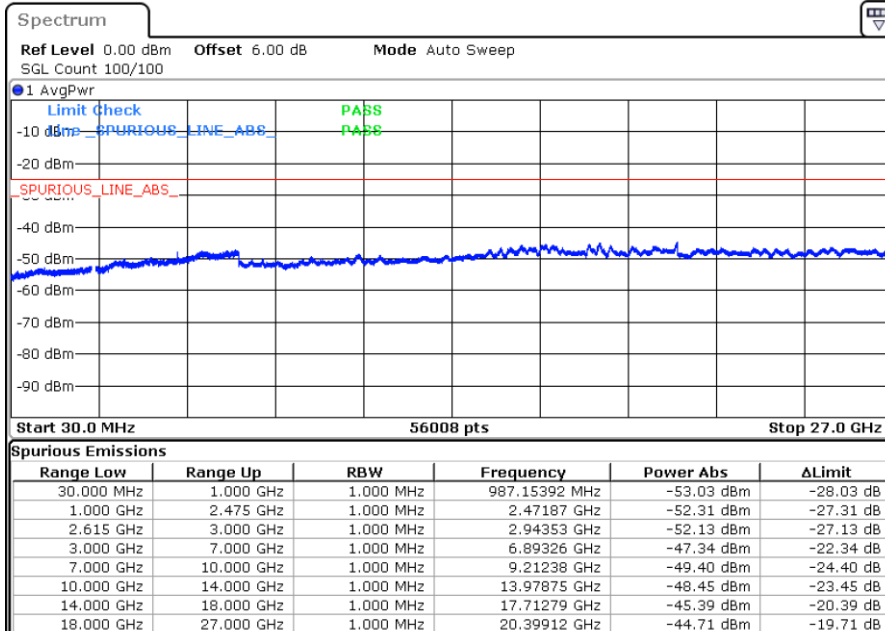
### Middle Channel / QPSK



Date: 18.FEB.2023 20:36:42

Date: 18.FEB.2023 20:50:15

### Highest Channel / QPSK



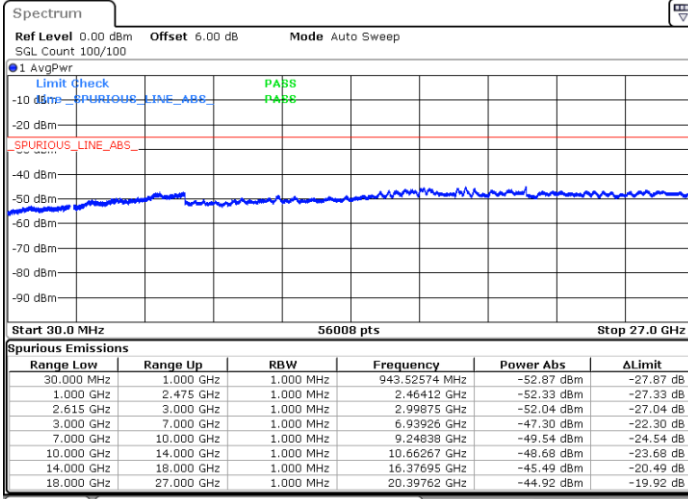
Date: 18.FEB.2023 20:51:50



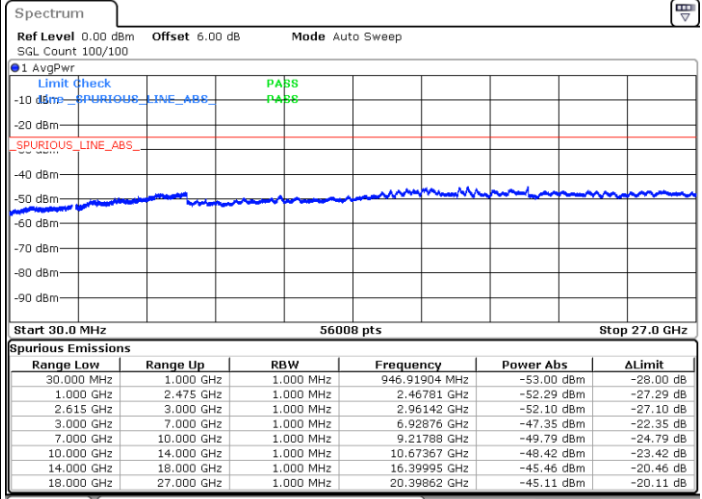
LTE Band 7 / 15MHz+10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

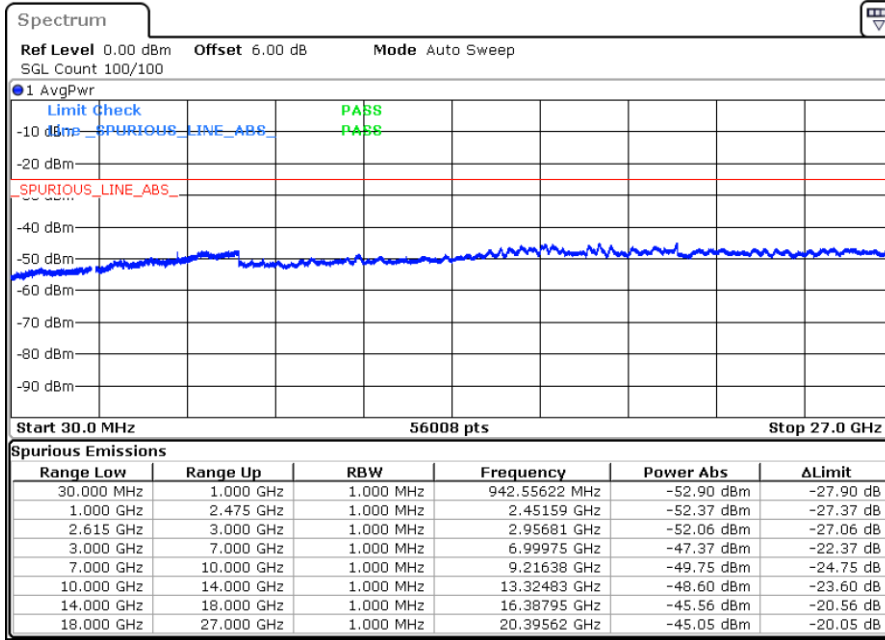


Date: 18.FEB.2023 21:05:19



Date: 18.FEB.2023 21:18:57

Highest Channel / QPSK



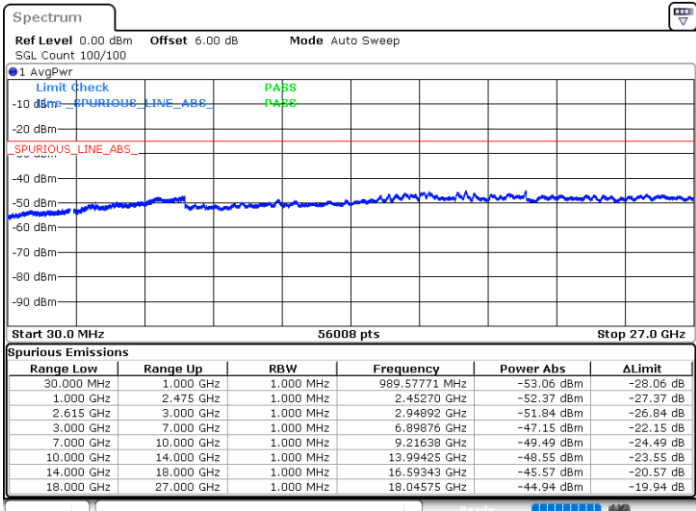
Date: 18.FEB.2023 21:20:31



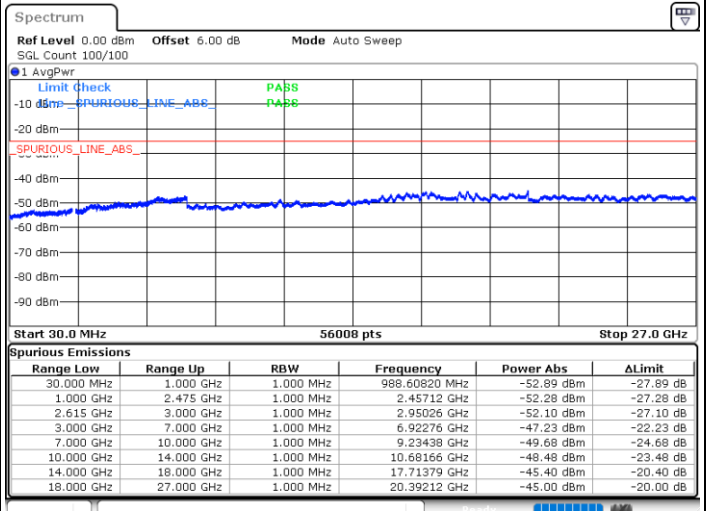
LTE Band 7 / 15MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

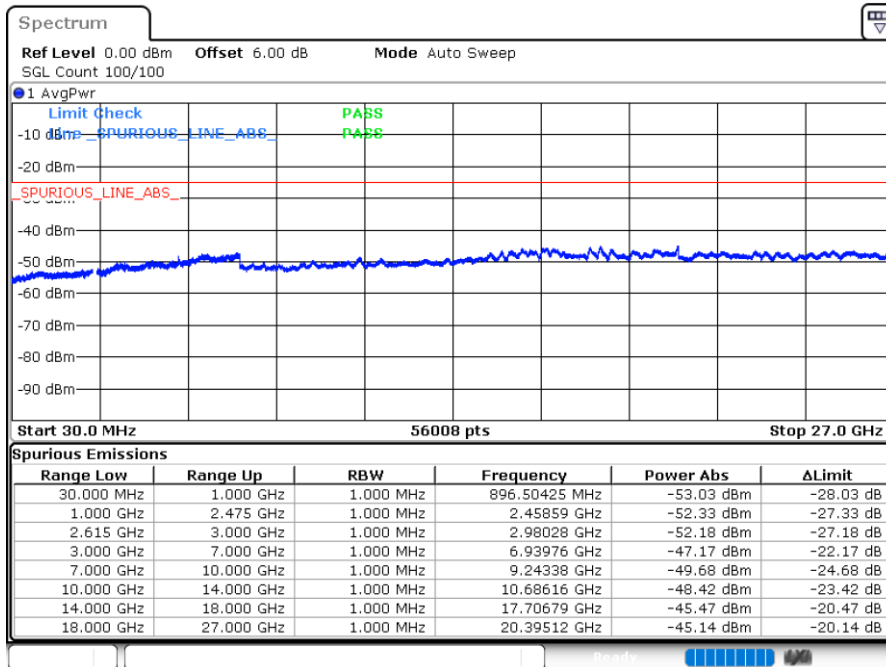


Date: 18.FEB.2023 21:34:00



Date: 18.FEB.2023 21:47:37

Highest Channel / QPSK



Date: 18.FEB.2023 21:49:12

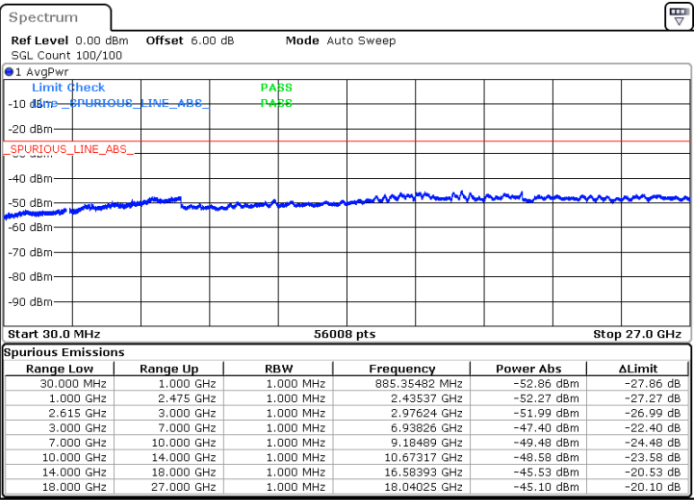
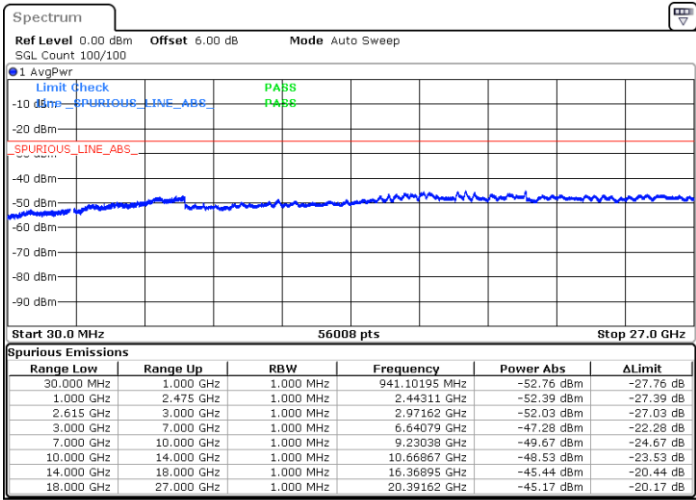




LTE Band 7 / 15MHz+20MHz

Lowest Channel / QPSK

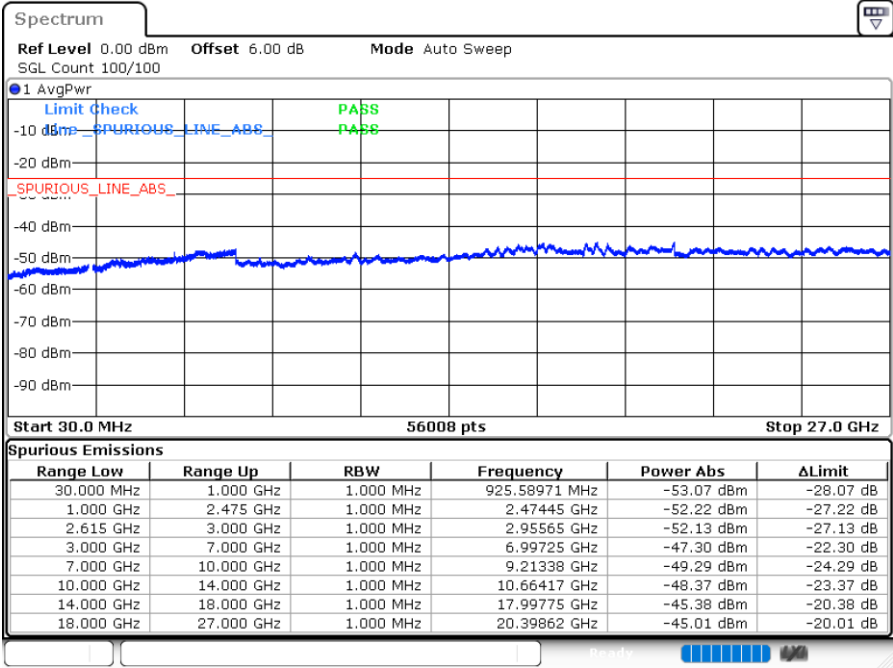
Middle Channel / QPSK



Date: 18.FEB.2023 22:02:42

Date: 18.FEB.2023 22:16:24

Highest Channel / QPSK



Date: 18.FEB.2023 22:17:59

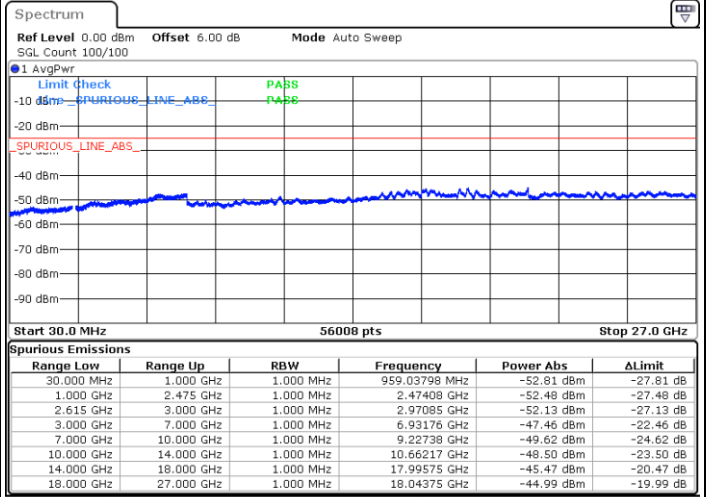
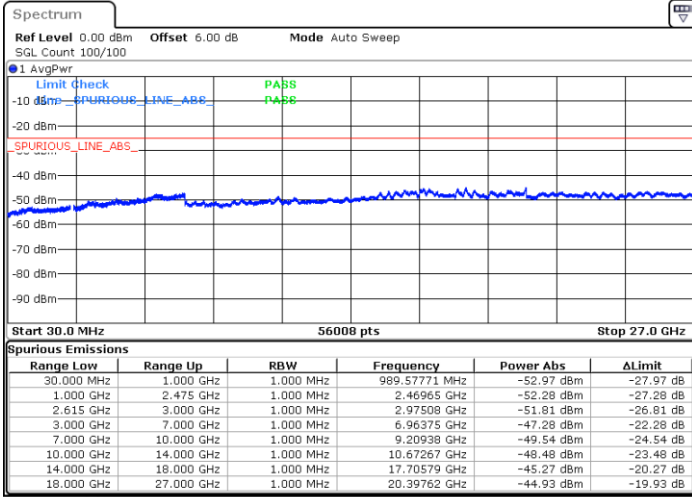




LTE Band 7 / 20MHz+10MHz

Lowest Channel / QPSK

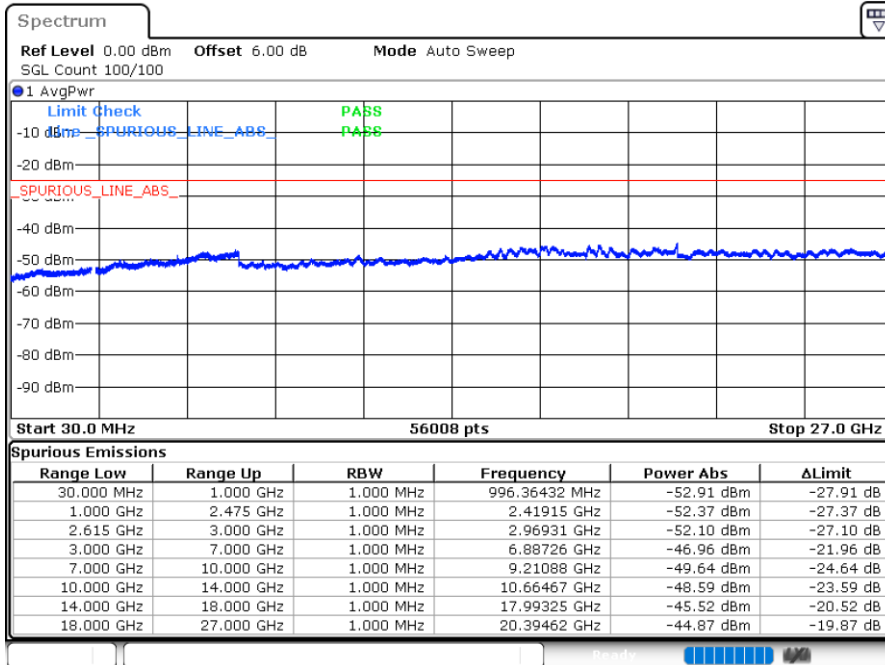
Middle Channel / QPSK



Date: 18.FEB.2023 22:31:30

Date: 18.FEB.2023 22:45:04

Highest Channel / QPSK



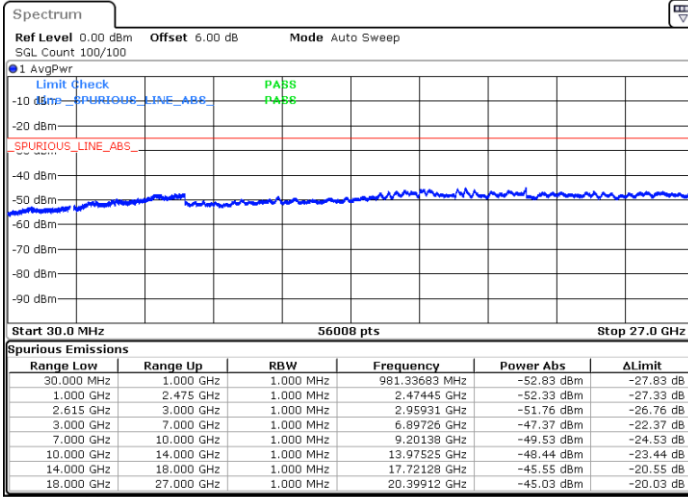
Date: 18.FEB.2023 22:46:39



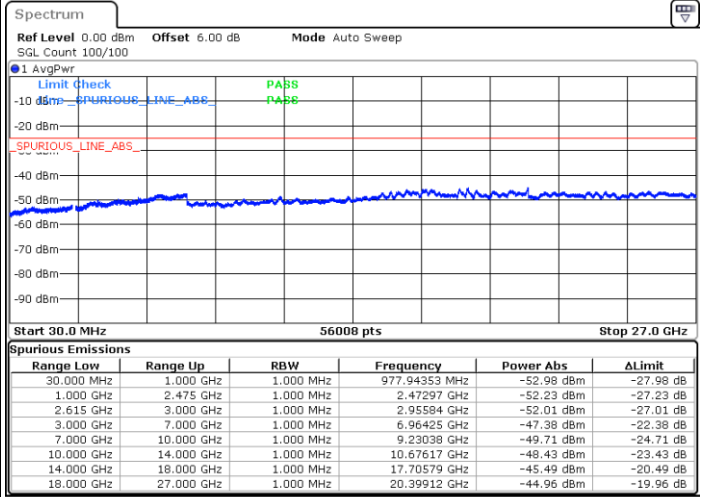
LTE Band 7 / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

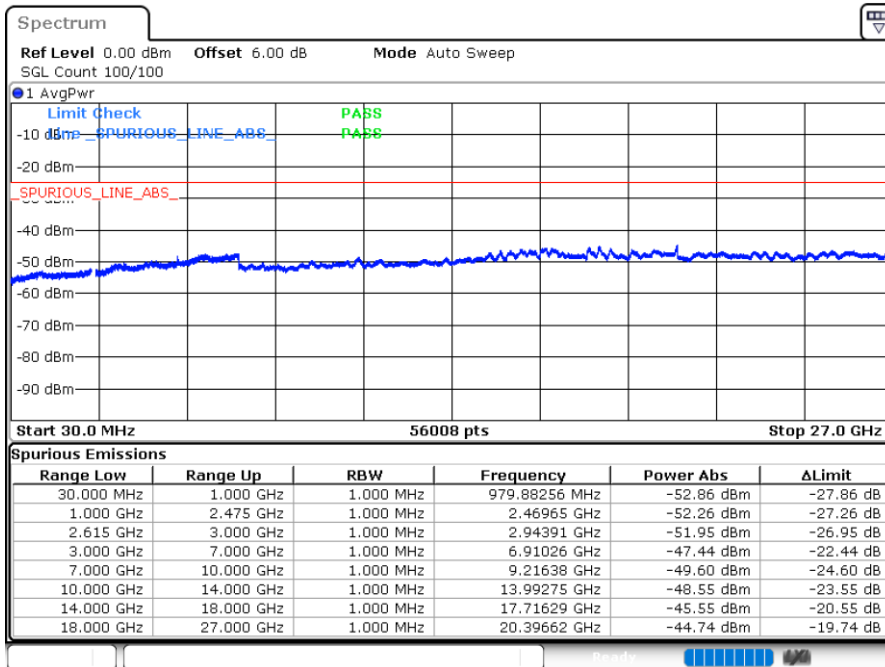


Date: 18.FEB.2023 23:00:11



Date: 18.FEB.2023 23:13:47

Highest Channel / QPSK



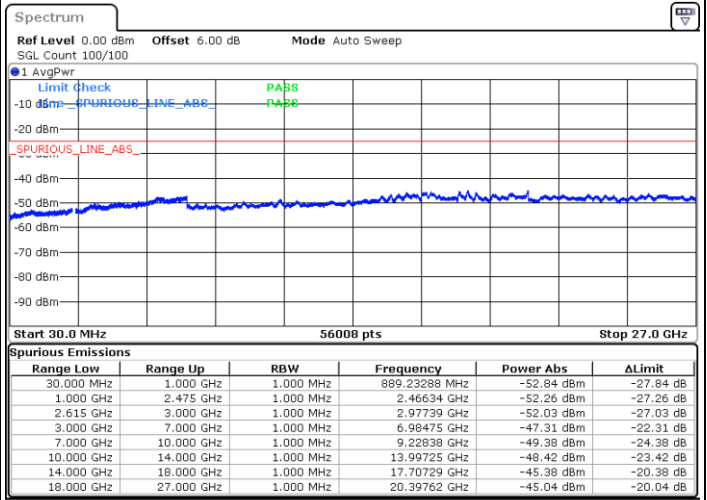
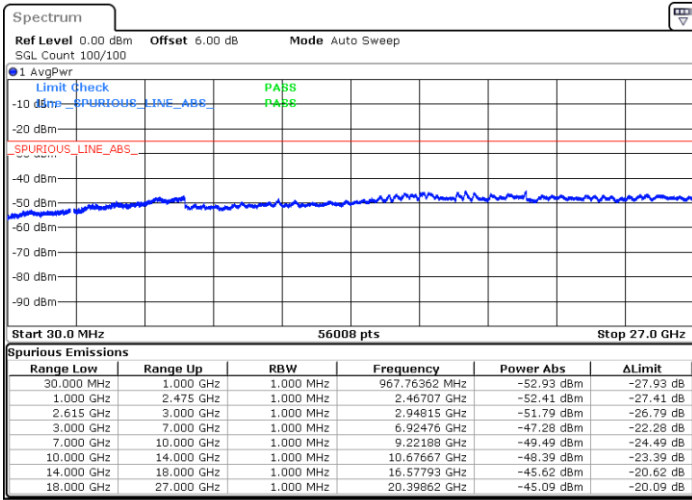
Date: 18.FEB.2023 23:15:22



LTE Band 7 /20MHz+20MHz

Lowest Channel / QPSK

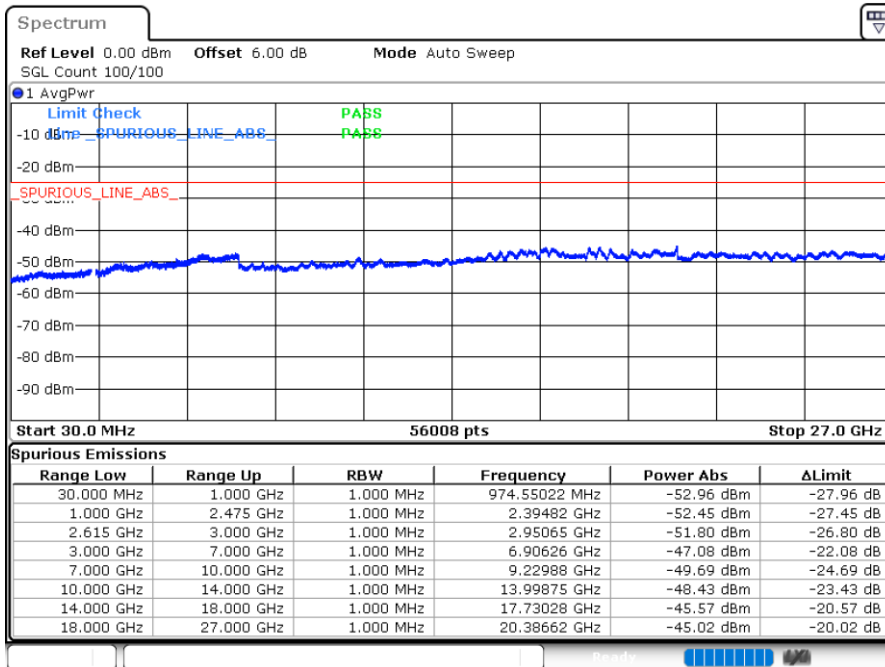
Middle Channel / QPSK



Date: 18.FEB.2023 23:28:55

Date: 18.FEB.2023 23:42:30

Highest Channel / QPSK



Date: 18.FEB.2023 23:44:05



### Frequency Stability

Test Conditions		LTE Band 7C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0019	

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45V. ; Maximum Voltage =4.41 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41C

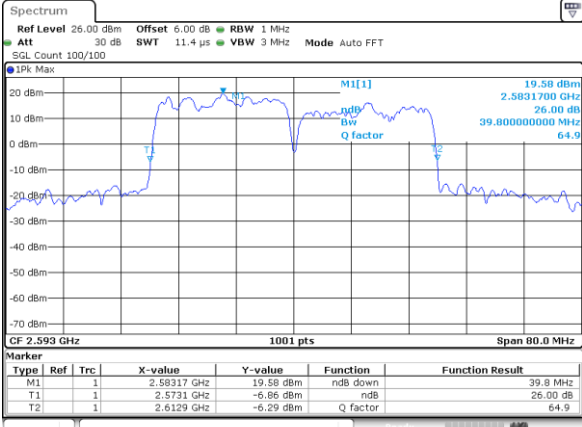
## 26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.80	40.68
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.83	35.11
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.09
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.88	24.83
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.83	34.83
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.63	30.63
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.08	25.23
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.97
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	24.98	24.98
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.73	24.78



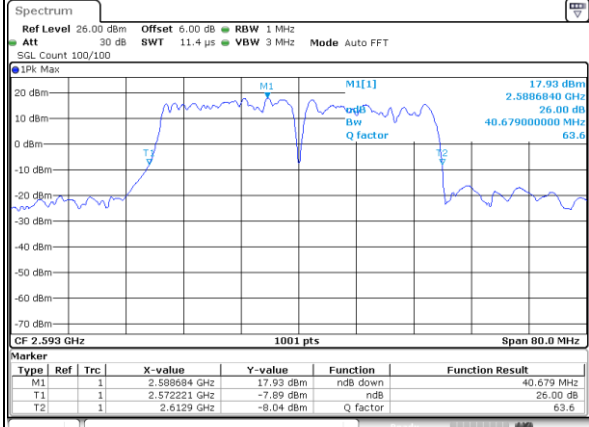
LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



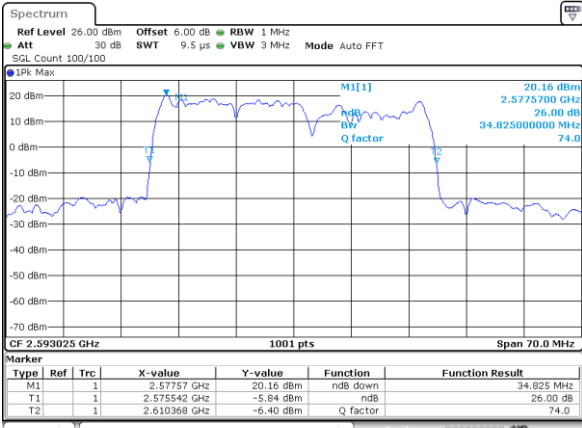
Date: 14.FEB.2023 01:37:41

Middle Channel / 20MHz+20MHz / 16QAM



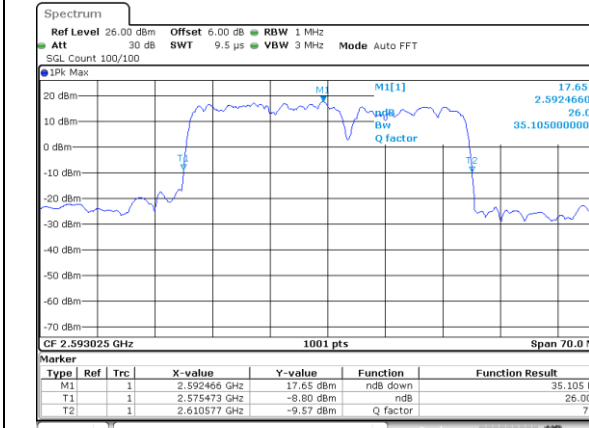
Date: 14.FEB.2023 01:38:10

Middle Channel / 20MHz+15MHz / QPSK



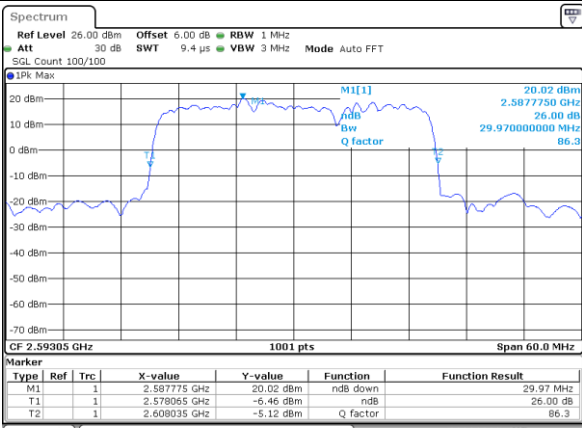
Date: 14.FEB.2023 01:35:37

Middle Channel / 20MHz+15MHz / 16QAM



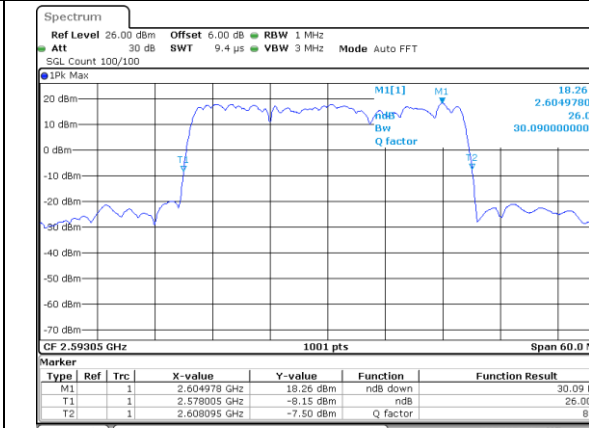
Date: 14.FEB.2023 01:36:06

Middle Channel / 20MHz+10MHz / QPSK



Date: 14.FEB.2023 01:33:33

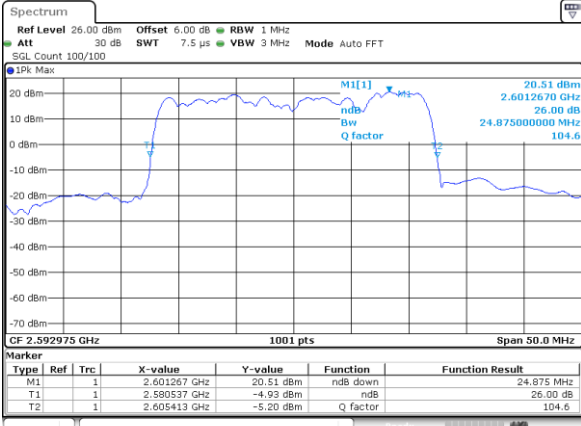
Middle Channel / 20MHz+10MHz / 16QAM



Date: 14.FEB.2023 01:34:02

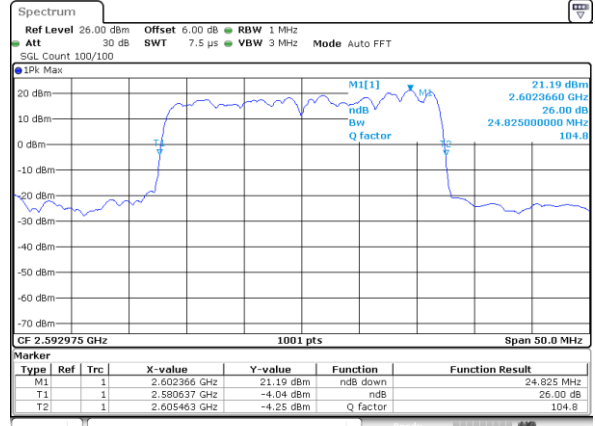


Middle Channel / 20MHz+5MHz / QPSK



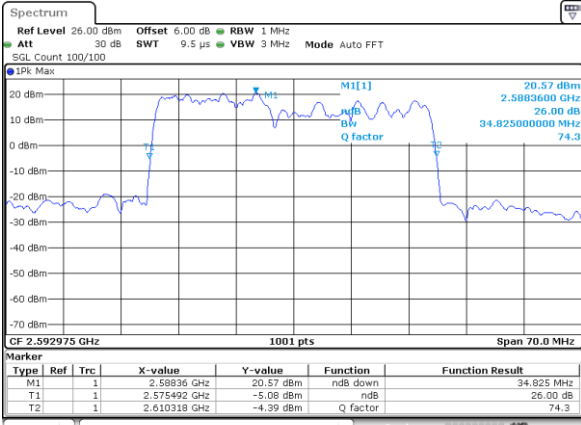
Date: 14.FEB.2023 01:31:29

Middle Channel / 20MHz+5MHz / 16QAM



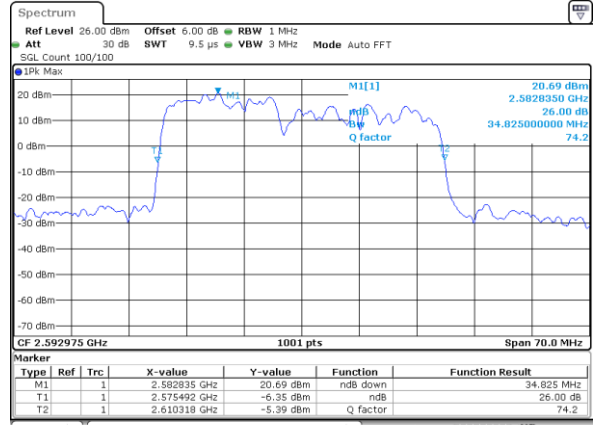
Date: 14.FEB.2023 01:31:58

Middle Channel / 15MHz+20MHz / QPSK



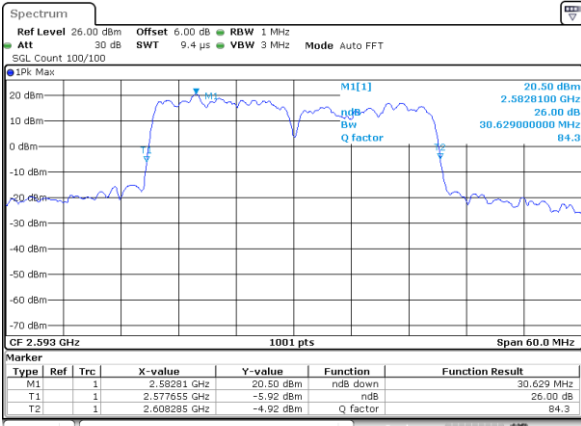
Date: 14.FEB.2023 01:29:07

Middle Channel / 15MHz+20MHz / 16QAM



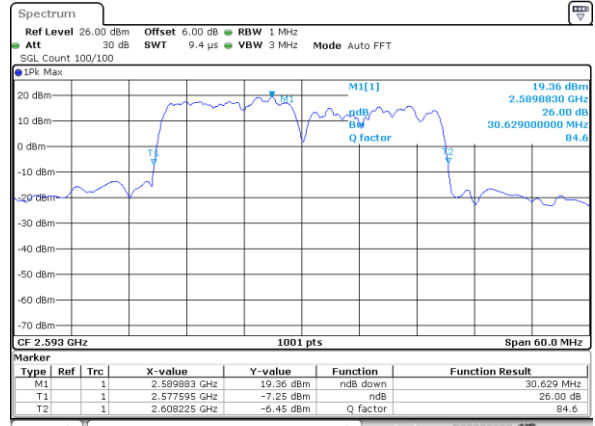
Date: 14.FEB.2023 01:29:17

Middle Channel / 15MHz+15MHz / QPSK



Date: 14.FEB.2023 01:24:44

Middle Channel / 15MHz+15MHz / 16QAM

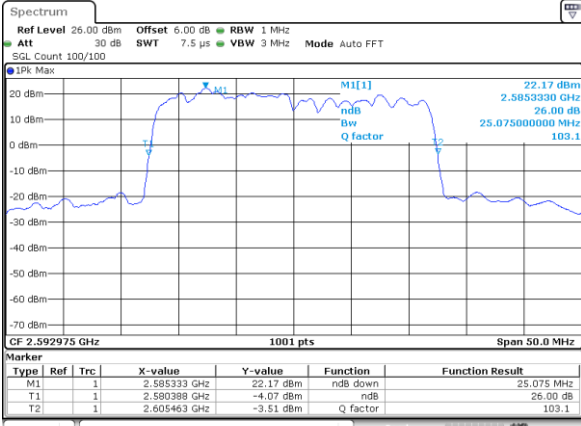


Date: 14.FEB.2023 01:25:14



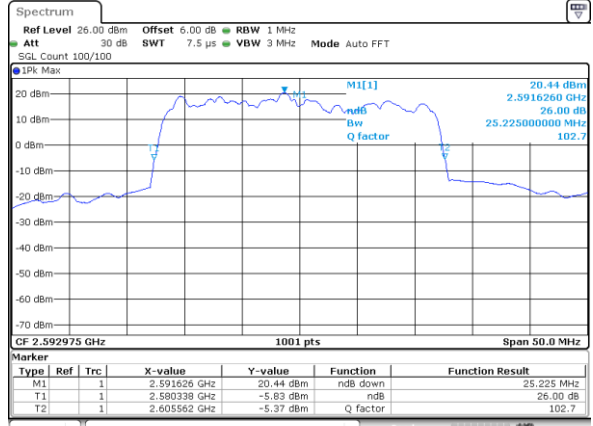


Middle Channel / 15MHz+10MHz / QPSK



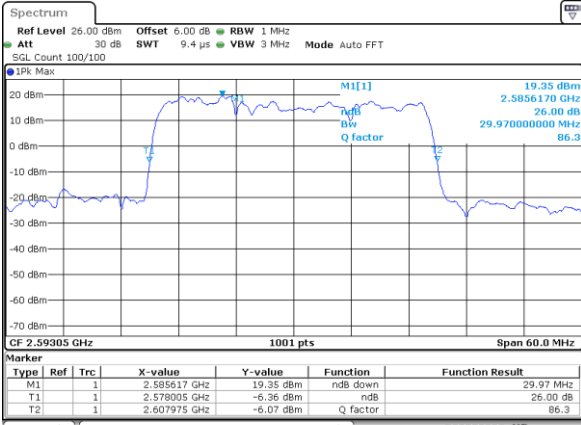
Date: 14.FEB.2023 01:26:49

Middle Channel / 15MHz+10MHz / 16QAM



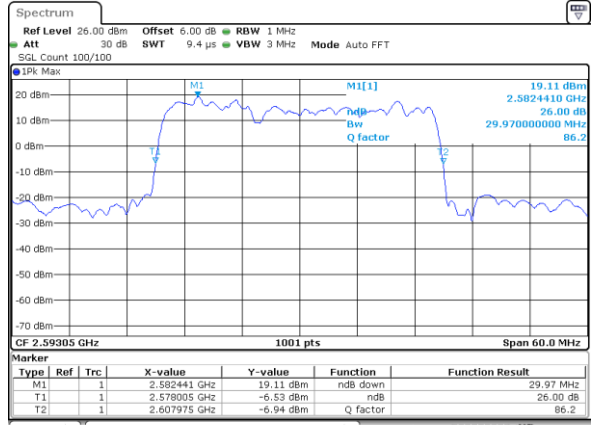
Date: 14.FEB.2023 01:27:18

Middle Channel / 10MHz+20MHz / QPSK



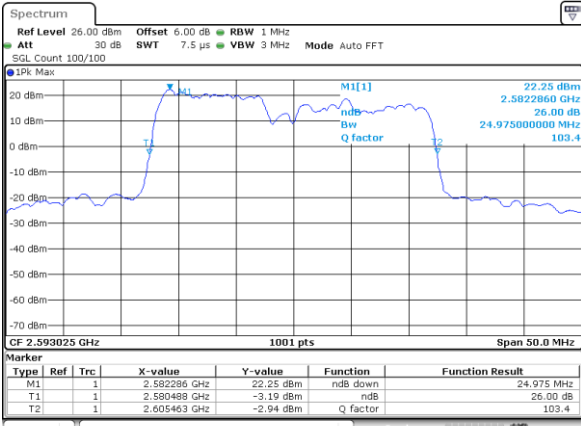
Date: 14.FEB.2023 01:20:36

Middle Channel / 10MHz+20MHz / 16QAM



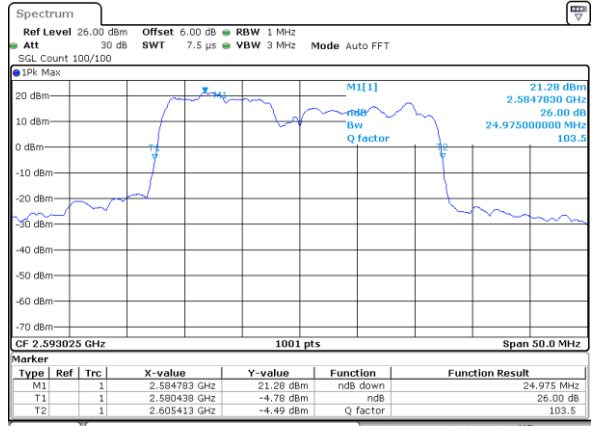
Date: 14.FEB.2023 01:21:06

Middle Channel / 10MHz+15MHz / QPSK

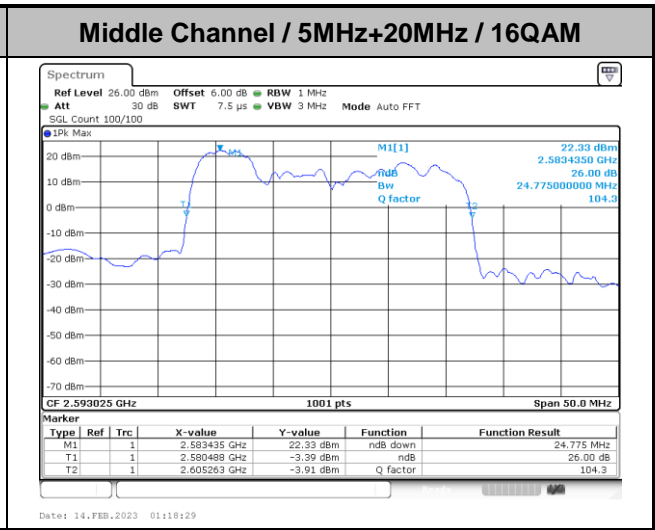
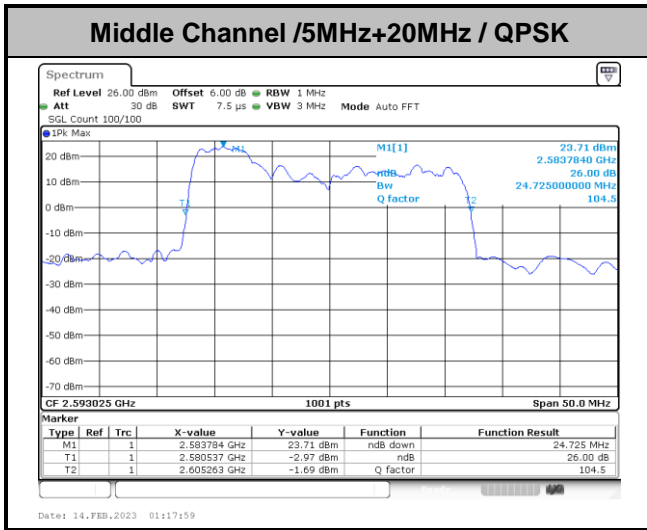


Date: 14.FEB.2023 01:22:40

Middle Channel / 10MHz+15MHz / 16QAM



Date: 14.FEB.2023 01:23:10





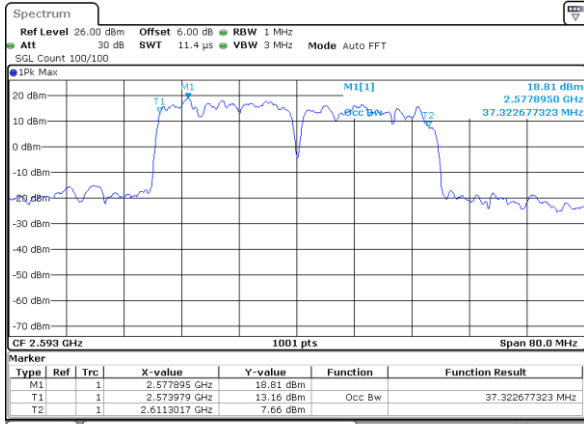
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
<b>BW</b>	<b>20MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	37.32	37.64
<b>BW</b>	<b>20MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	32.94	32.66
<b>BW</b>	<b>20MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	28.05	27.99
<b>BW</b>	<b>20MHz+5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	23.23	23.28
<b>BW</b>	<b>15MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	32.73	32.80
<b>BW</b>	<b>15MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	28.47	28.47
<b>BW</b>	<b>15MHz+10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	23.48	23.38
<b>BW</b>	<b>10MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	28.11	28.05
<b>BW</b>	<b>10MHz+15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	23.08	23.48
<b>BW</b>	<b>5MHz+20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	23.48	23.38



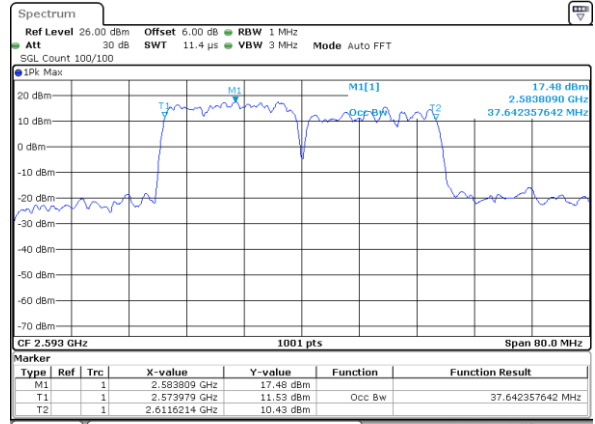
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



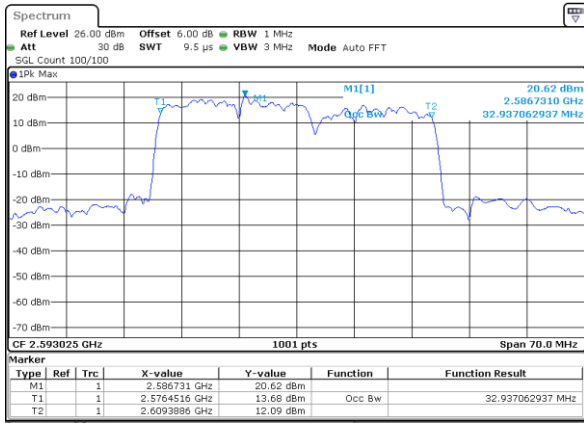
Date: 14.FEB.2023 01:37:12

Middle Channel / 20MHz+20MHz / 16QAM



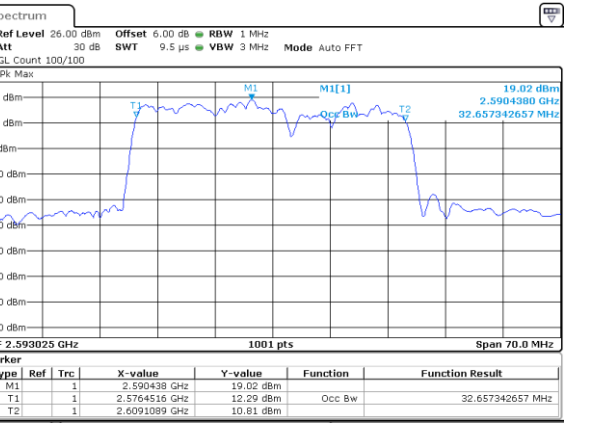
Date: 14.FEB.2023 01:38:40

Middle Channel / 20MHz+15MHz / QPSK



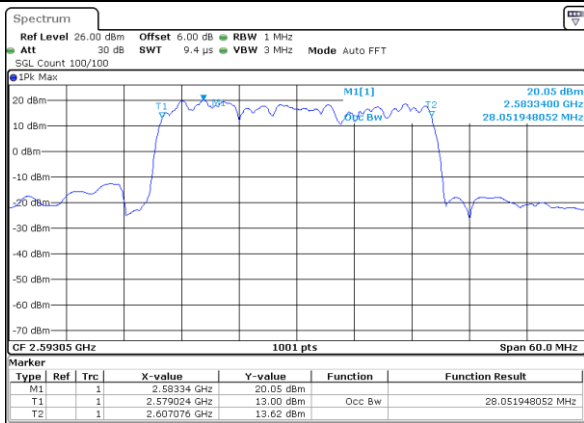
Date: 14.FEB.2023 01:35:08

Middle Channel / 20MHz+15MHz / 16QAM



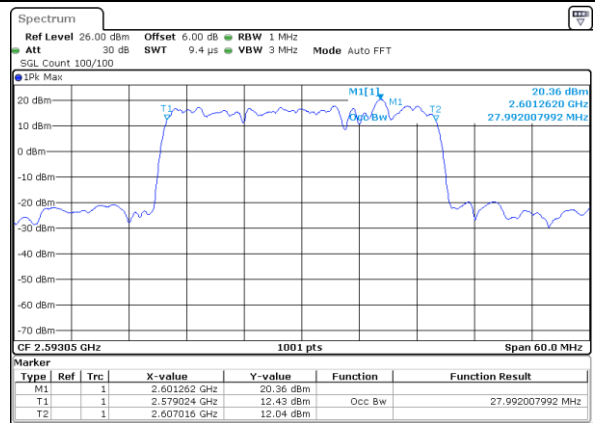
Date: 14.FEB.2023 01:36:35

Middle Channel / 20MHz+10MHz / QPSK



Date: 14.FEB.2023 01:33:03

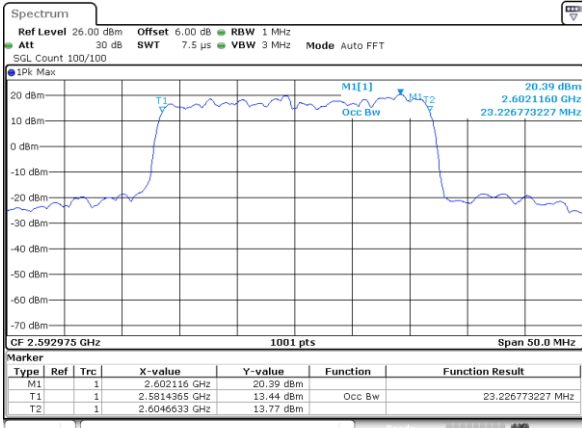
Middle Channel / 20MHz+10MHz / 16QAM



Date: 14.FEB.2023 01:34:31

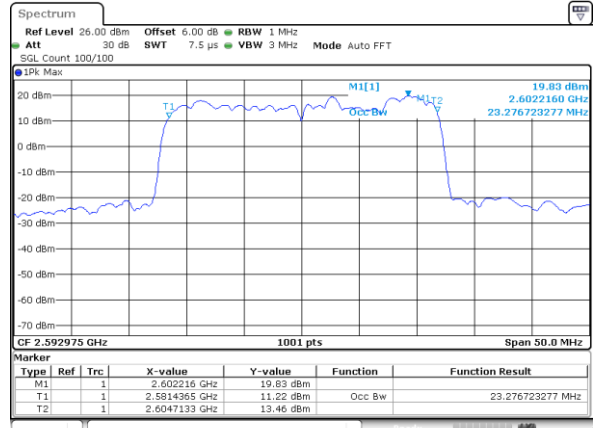


Middle Channel / 20MHz+5MHz / QPSK



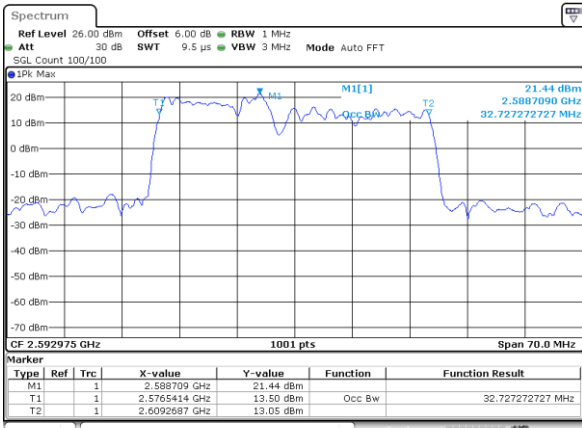
Date: 14.FEB.2023 01:30:59

Middle Channel / 20MHz+5MHz / 16QAM



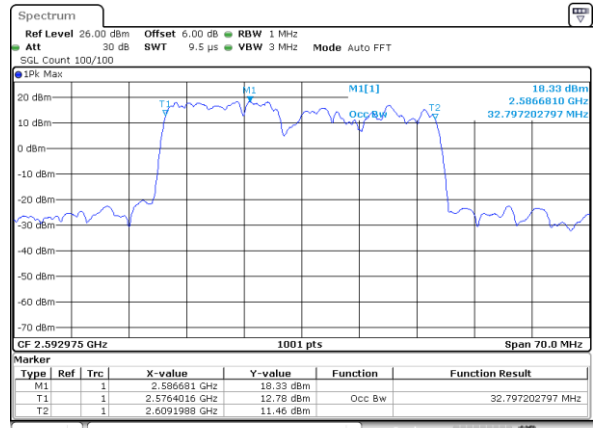
Date: 14.FEB.2023 01:32:27

Middle Channel / 15MHz+20MHz / QPSK



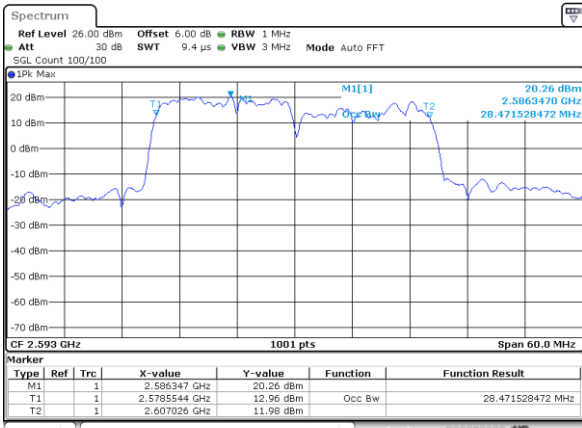
Date: 14.FEB.2023 01:28:23

Middle Channel / 15MHz+20MHz / 16QAM



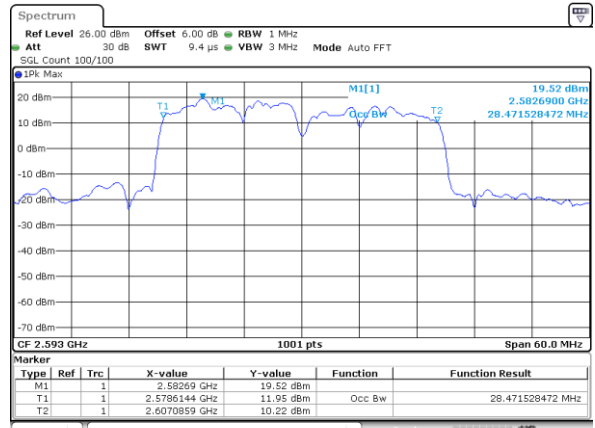
Date: 14.FEB.2023 01:30:06

Middle Channel / 15MHz+15MHz / QPSK



Date: 14.FEB.2023 01:24:15

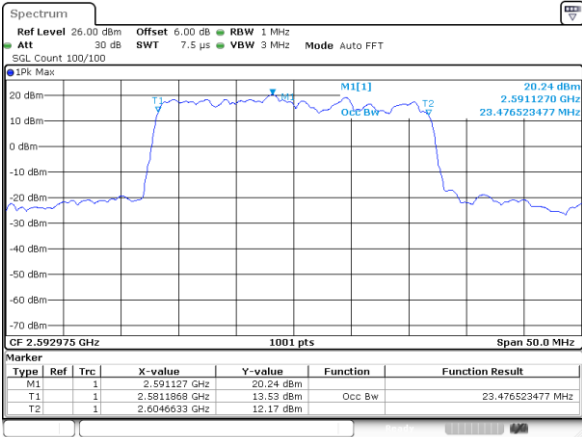
Middle Channel / 15MHz+15MHz / 16QAM



Date: 14.FEB.2023 01:25:43

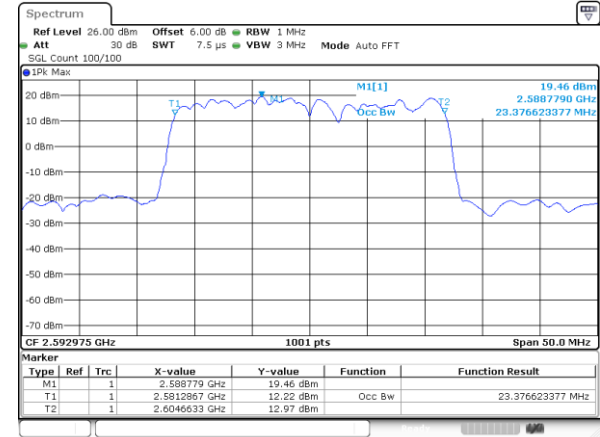


Middle Channel / 15MHz+10MHz / QPSK



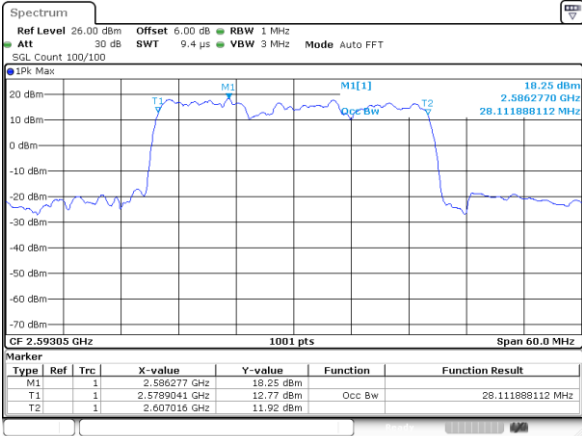
Date: 14.FEB.2023 01:26:19

Middle Channel / 15MHz+10MHz / 16QAM



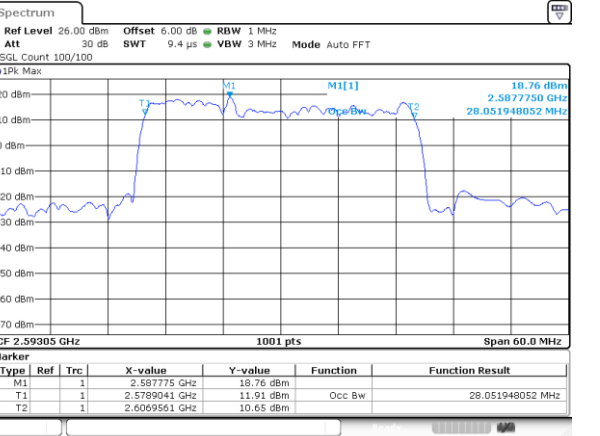
Date: 14.FEB.2023 01:27:47

Middle Channel / 10MHz+20MHz / QPSK



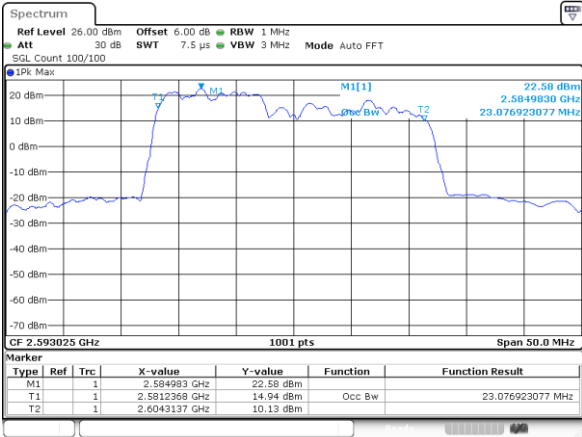
Date: 14.FEB.2023 01:20:07

Middle Channel / 10MHz+20MHz / 16QAM



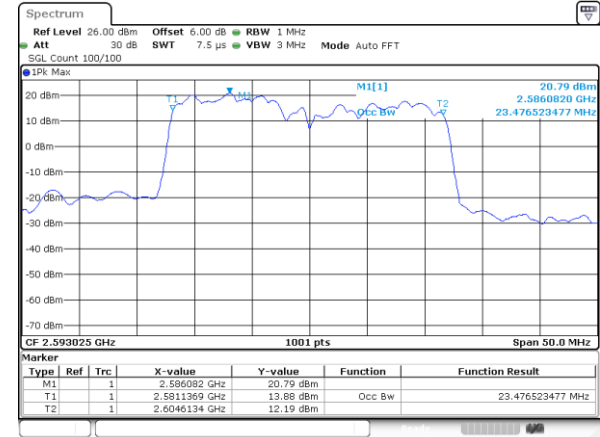
Date: 14.FEB.2023 01:21:35

Middle Channel / 10MHz+15MHz / QPSK

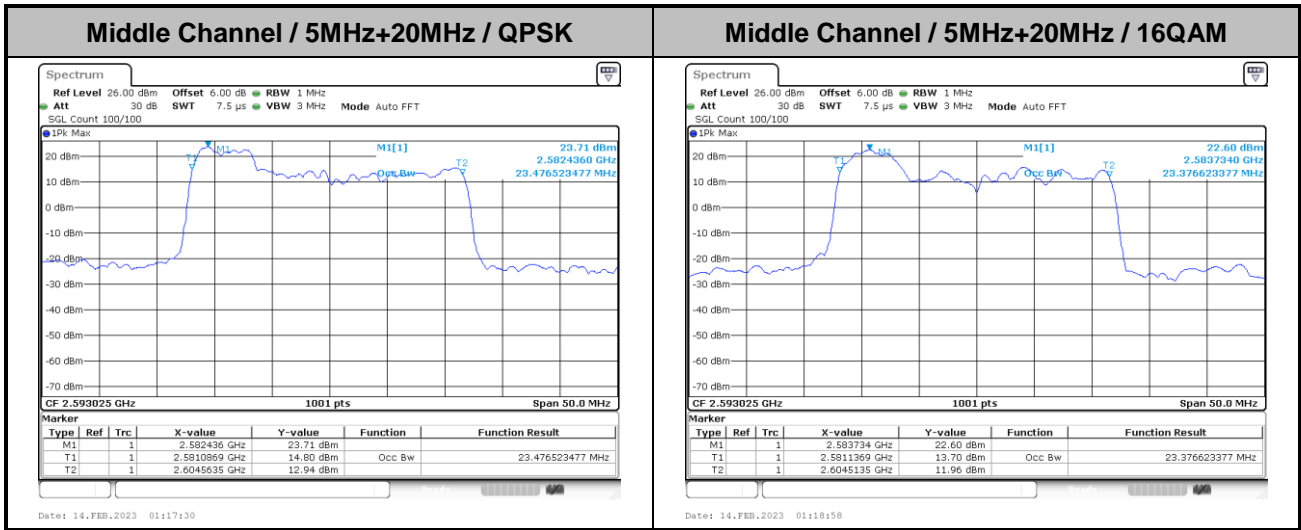


Date: 14.FEB.2023 01:22:11

Middle Channel / 10MHz+15MHz / 16QAM



Date: 14.FEB.2023 01:23:39





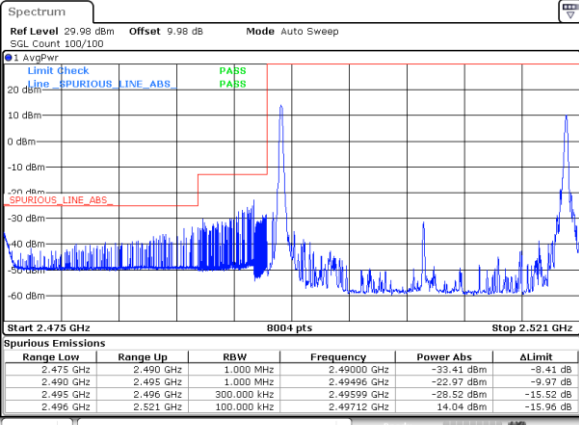


# Conducted Band Edge

## LTE Band 41C / 5MHz+20MHz

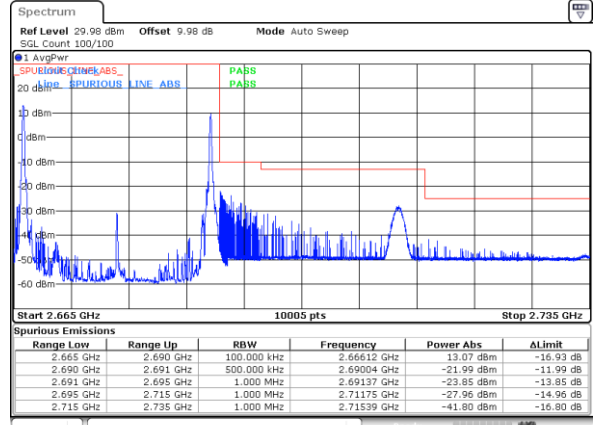
### QPSK

#### Lowest Band Edge / 1RB0 and 1RB9



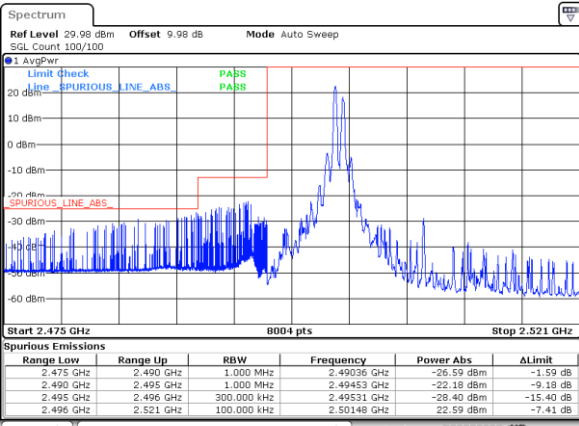
Date: 13.FEB.2023 20:18:18

#### Highest Band Edge / 1RB0 and 1RB9



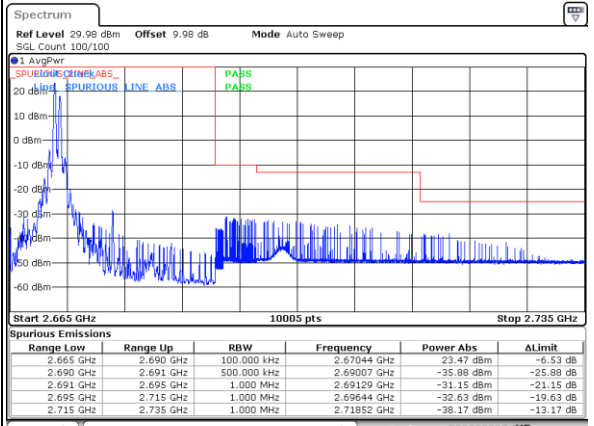
Date: 13.FEB.2023 20:30:10

#### Lowest Band Edge / 1RB24 and 1RB0



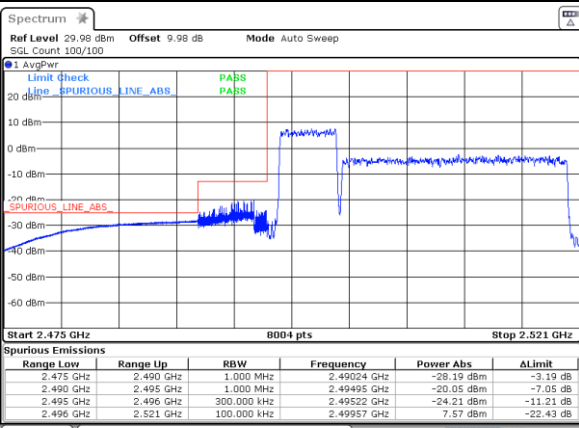
Date: 13.FEB.2023 20:21:18

#### Highest Band Edge / 1RB24 and 1RB0



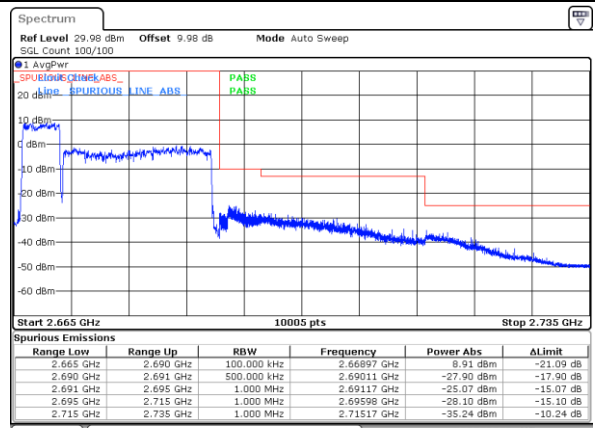
Date: 13.FEB.2023 20:33:29

#### Lowest Band Edge / Full RB



Date: 16.FEB.2023 20:59:59

#### Highest Band Edge / Full RB



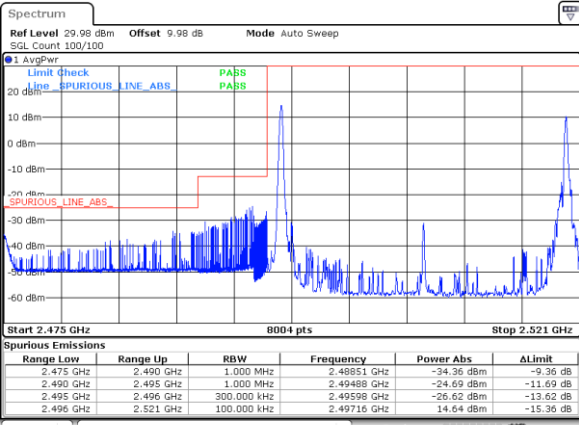
Date: 13.FEB.2023 20:27:30



LTE Band 41C / 5MHz+20MHz

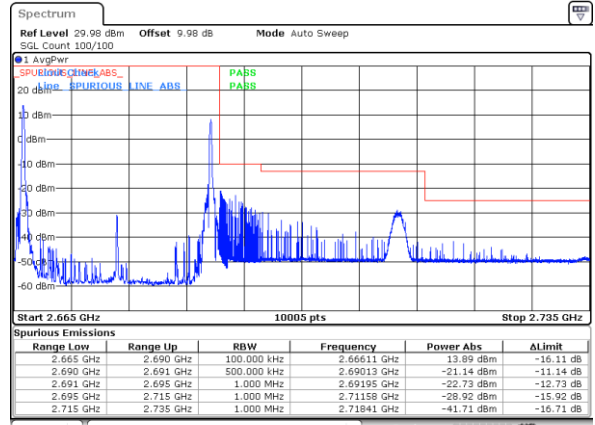
16QAM

Lowest Band Edge / 1RB0 and 1RB9



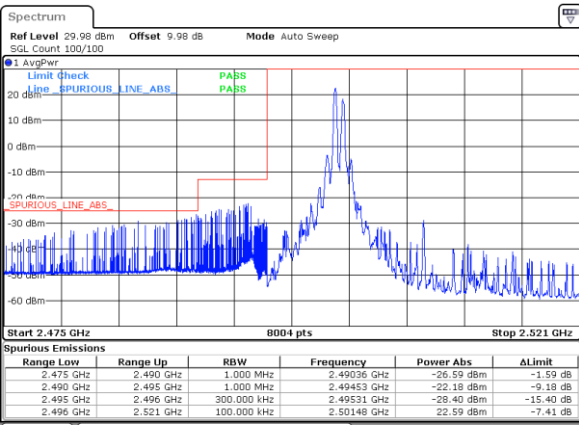
Date: 13.FEB.2023 20:19:18

Highest Band Edge / 1RB0 and 1RB9



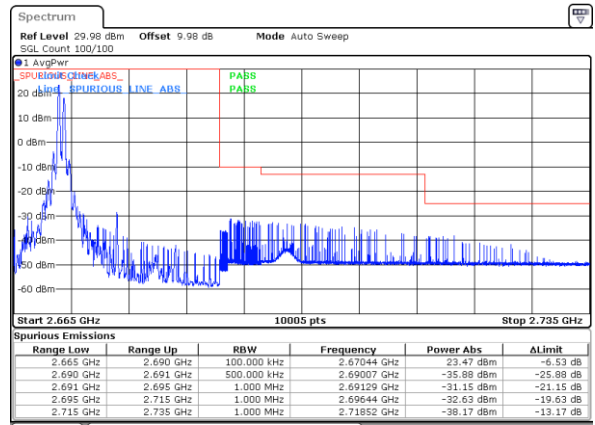
Date: 13.FEB.2023 20:31:29

Lowest Band Edge / 1RB24 and 1RB0



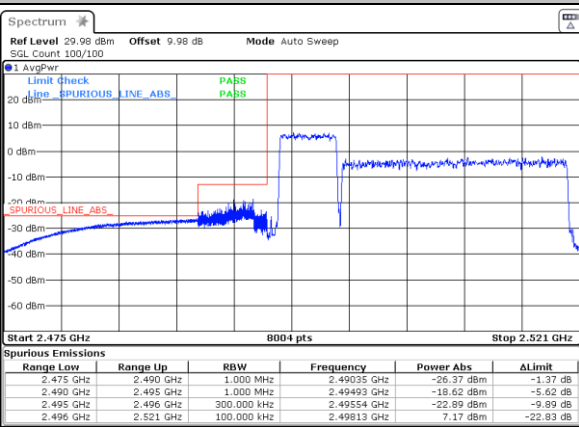
Date: 13.FEB.2023 20:21:18

Highest Band Edge / 1RB24 and 1RB0



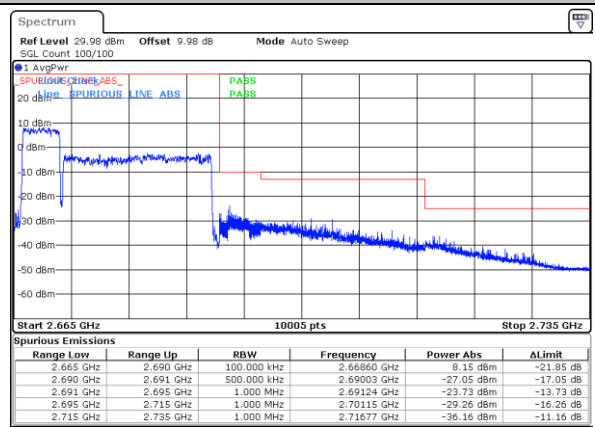
Date: 13.FEB.2023 20:33:29

Lowest Band Edge / Full RB



Date: 16.FEB.2023 21:03:21

Highest Band Edge / Full RB



Date: 13.FEB.2023 20:28:30

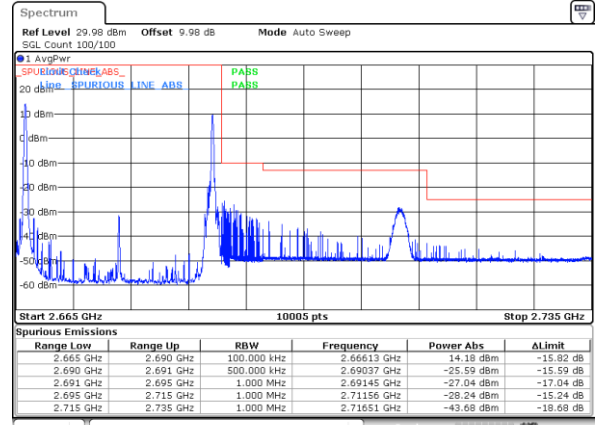
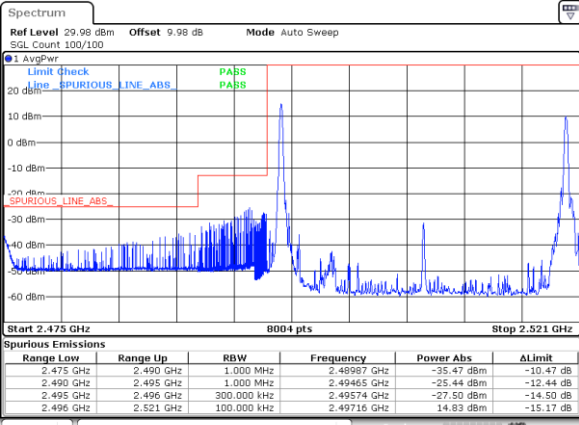


LTE Band 41C / 5MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

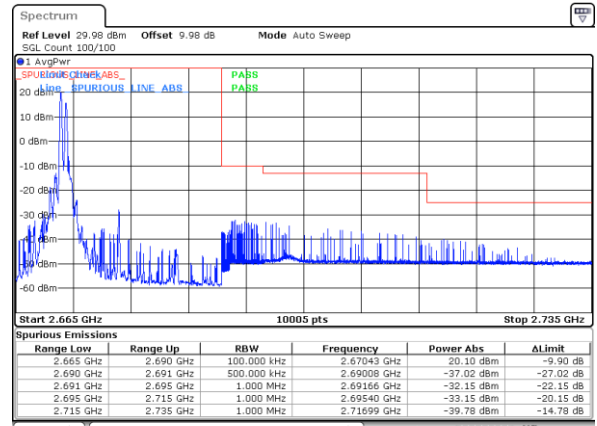
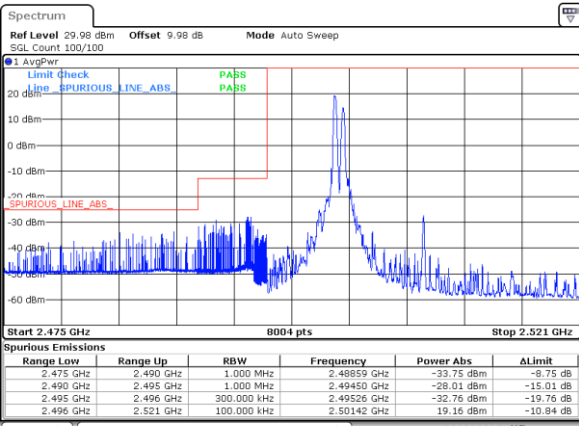


Date: 13, FEB, 2023 20:20:18

Date: 13, FEB, 2023 20:32:29

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

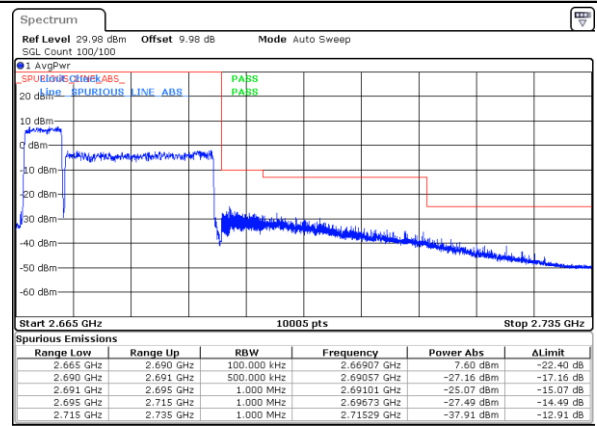
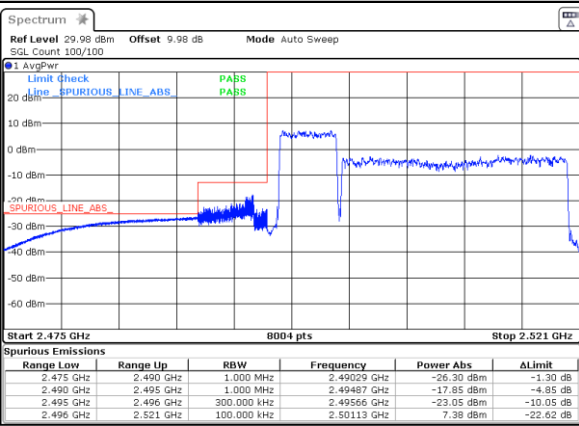


Date: 13, FEB, 2023 20:23:18

Date: 13, FEB, 2023 20:35:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16, FEB, 2023 21:01:52

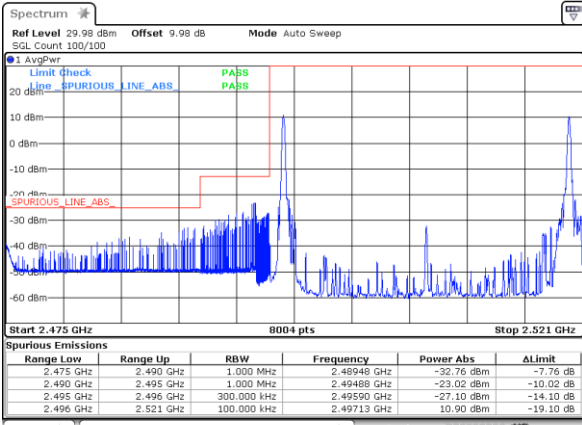
Date: 13, FEB, 2023 20:29:30



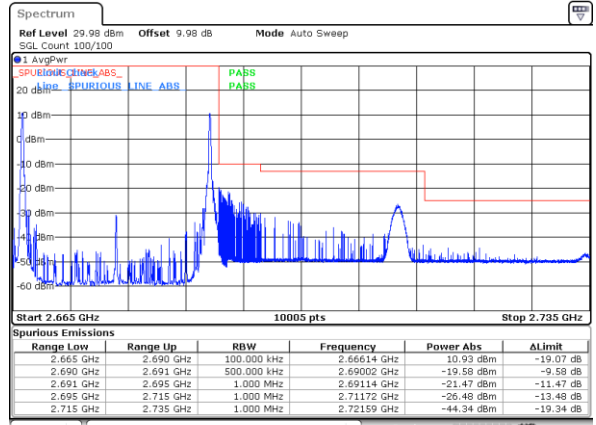
LTE Band 41C / 5MHz+20MHz

256QAM

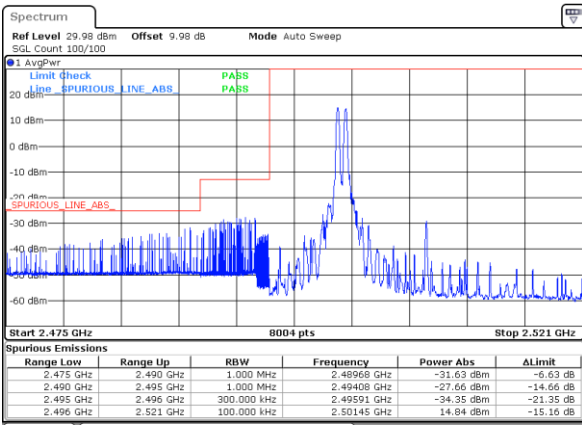
Lowest Band Edge / 1RB0 and 1RB99



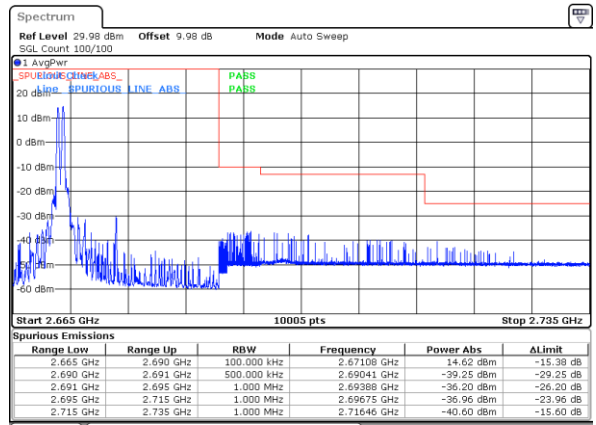
Highest Band Edge / 1RB0 and 1RB99



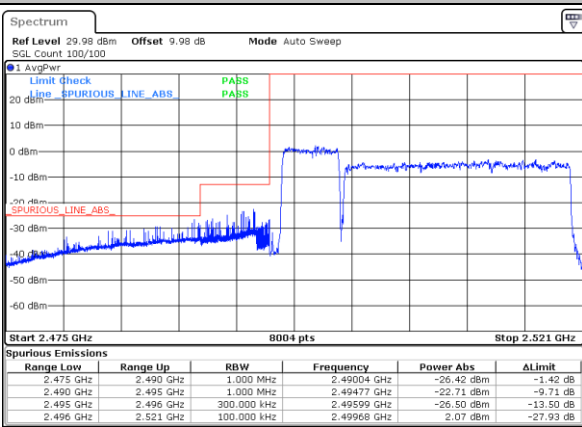
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

