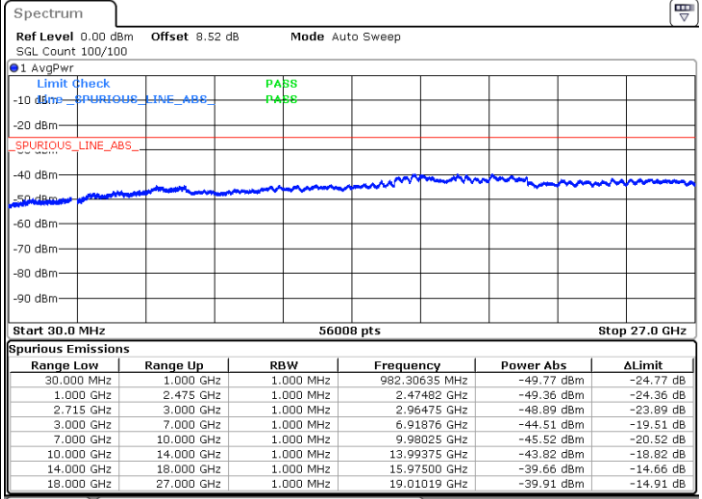
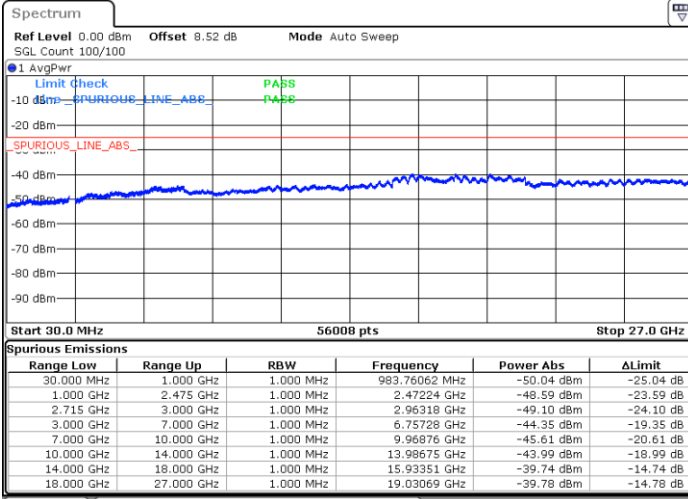




LTE Band 41 / 15MHz

Lowest Channel / QPSK

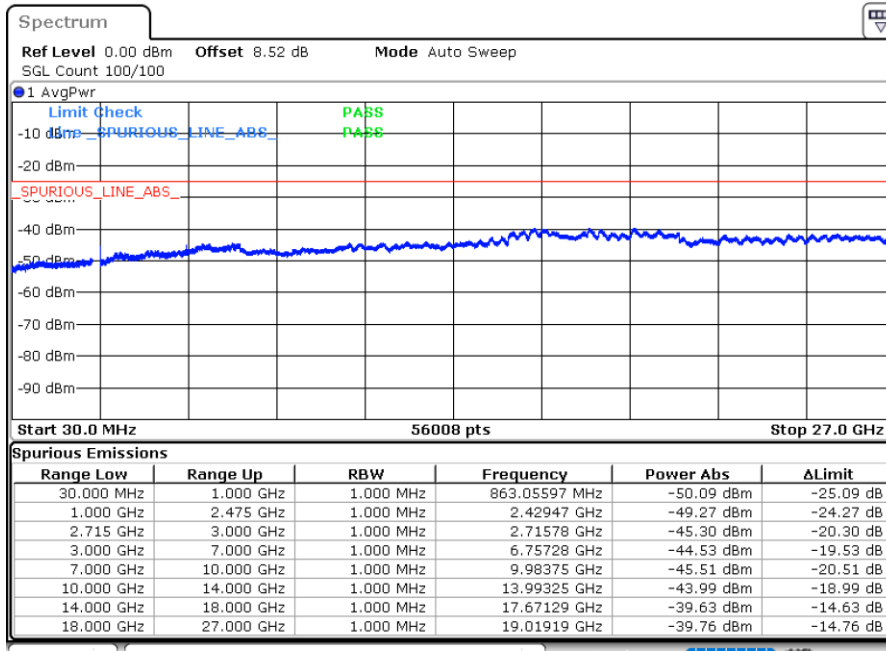
Middle Channel / QPSK



Date: 16.OCT.2023 16:25:17

Date: 16.OCT.2023 17:01:54

Highest Channel / QPSK



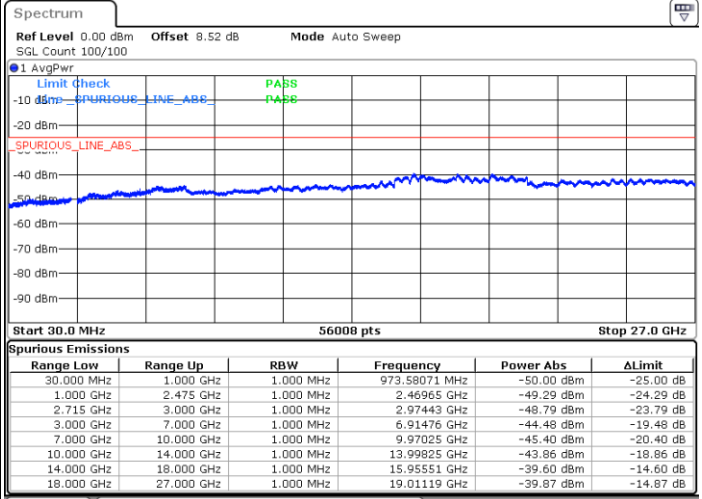
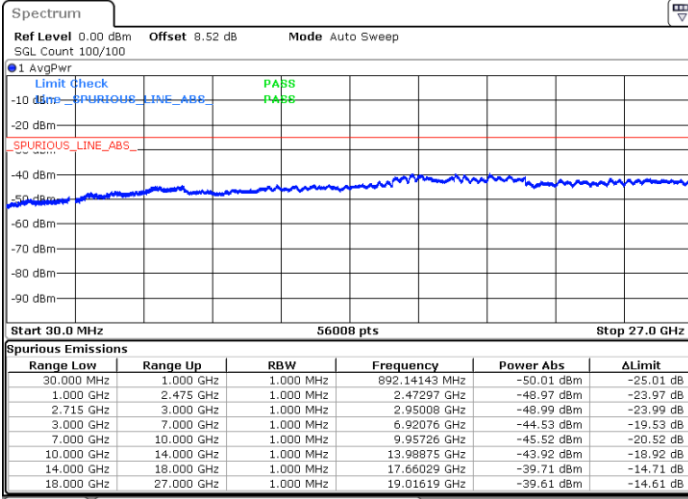
Date: 16.OCT.2023 17:03:21



LTE Band 41 / 20MHz

Lowest Channel / QPSK

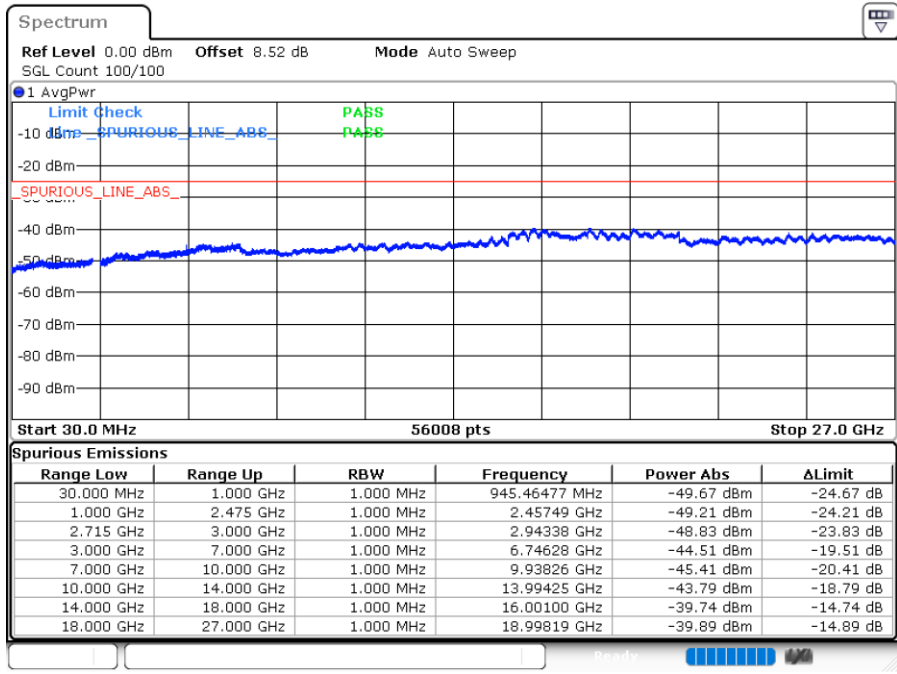
Middle Channel / QPSK



Date: 16.OCT.2023 17:09:59

Date: 16.OCT.2023 17:13:57

Highest Channel / QPSK



Date: 16.OCT.2023 17:28:27



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0037	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41C

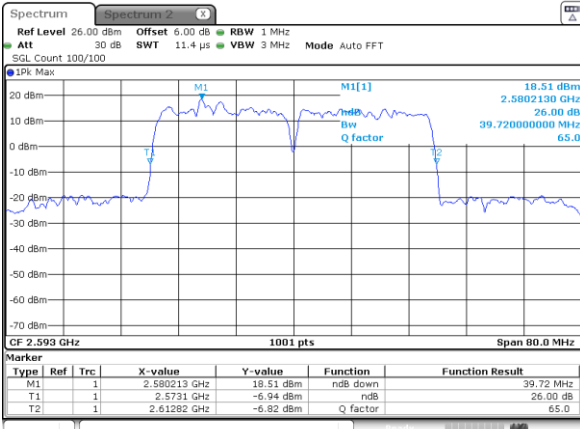
## 26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.72	40.04
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.90
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.03
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.93	24.88
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.90
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.63	30.63
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.38	25.13
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.97
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.38	25.28
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.93	24.78



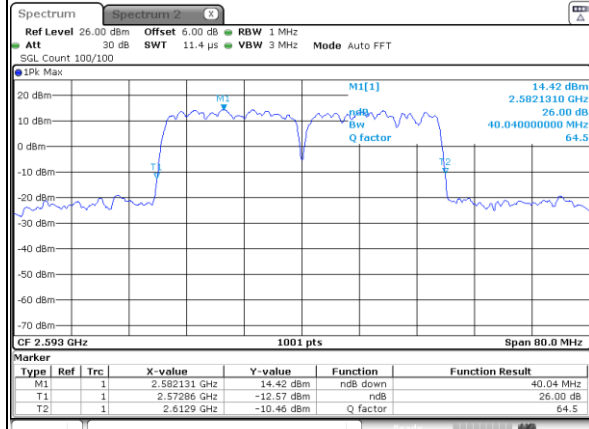
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



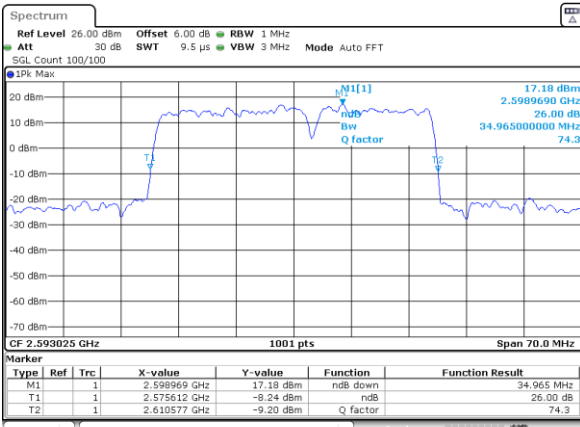
Date: 20.OCT.2023 17:00:50

Middle Channel / 20MHz+20MHz / 16QAM



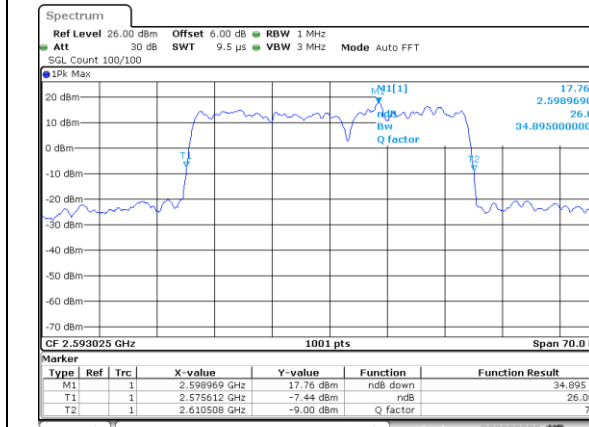
Date: 20.OCT.2023 17:01:18

Middle Channel / 20MHz+15MHz / QPSK



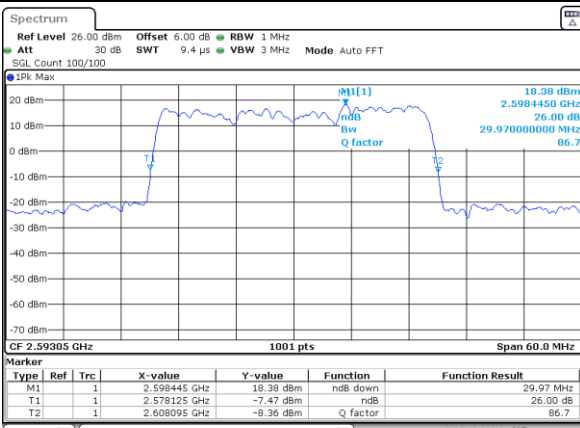
Date: 15.OCT.2023 16:51:53

Middle Channel / 20MHz+15MHz / 16QAM



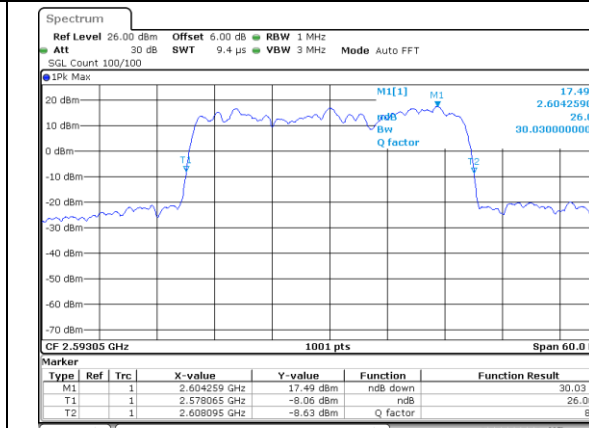
Date: 15.OCT.2023 16:52:21

Middle Channel / 20MHz+10MHz / QPSK



Date: 15.OCT.2023 16:49:57

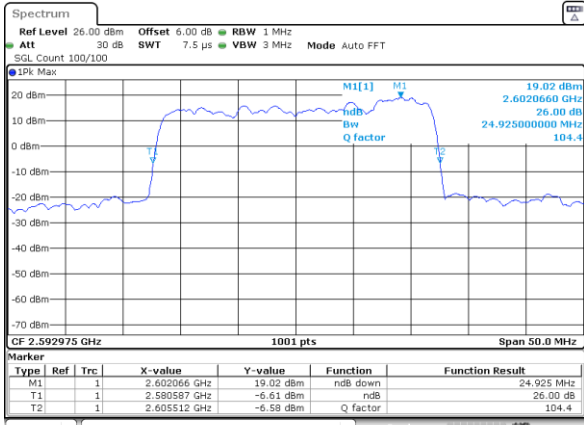
Middle Channel / 20MHz+10MHz / 16QAM



Date: 15.OCT.2023 16:50:24

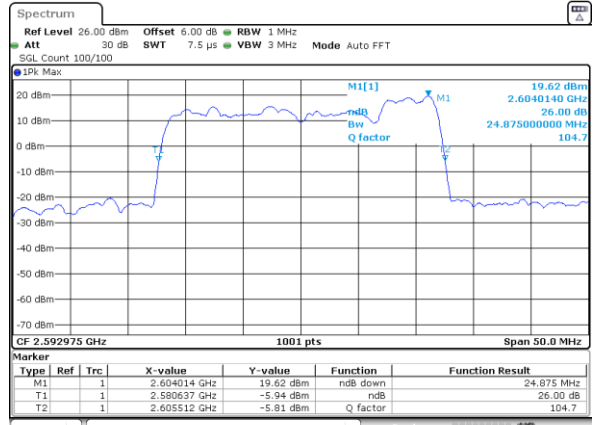


Middle Channel / 20MHz+5MHz / QPSK



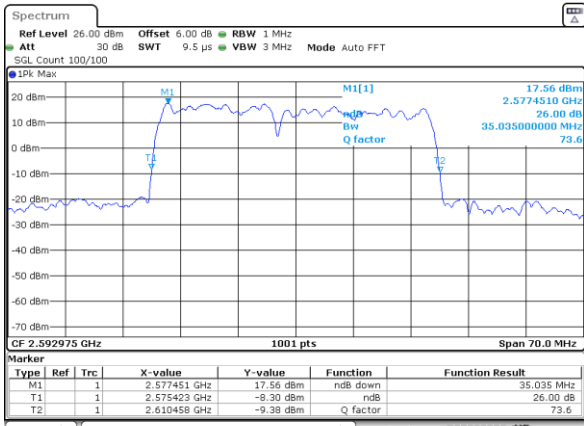
Date: 15.OCT.2023 16:48:00

Middle Channel / 20MHz+5MHz / 16QAM



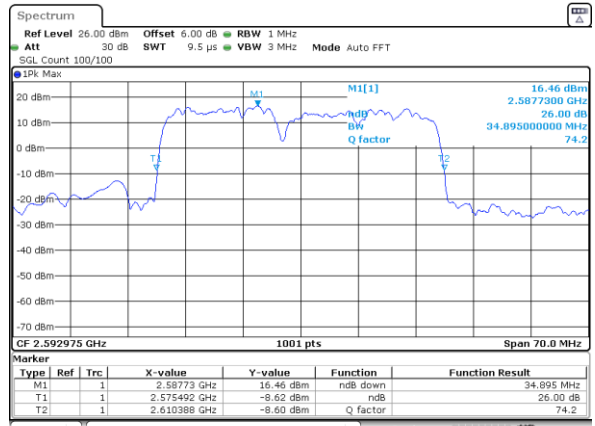
Date: 15.OCT.2023 16:48:28

Middle Channel / 15MHz+20MHz / QPSK



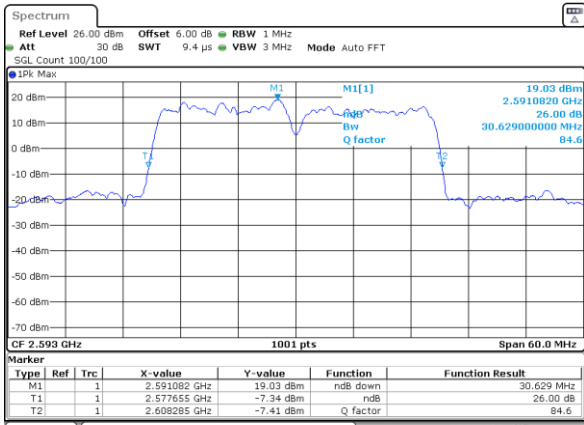
Date: 15.OCT.2023 16:45:44

Middle Channel / 15MHz+20MHz / 16QAM



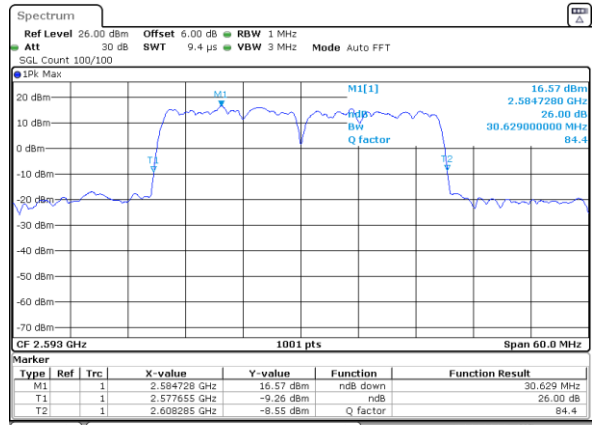
Date: 15.OCT.2023 16:46:11

Middle Channel / 15MHz+15MHz / QPSK



Date: 15.OCT.2023 16:41:51

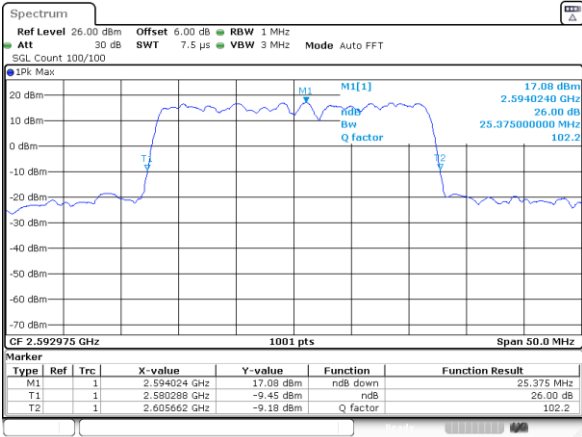
Middle Channel / 15MHz+15MHz / 16QAM



Date: 15.OCT.2023 16:42:18

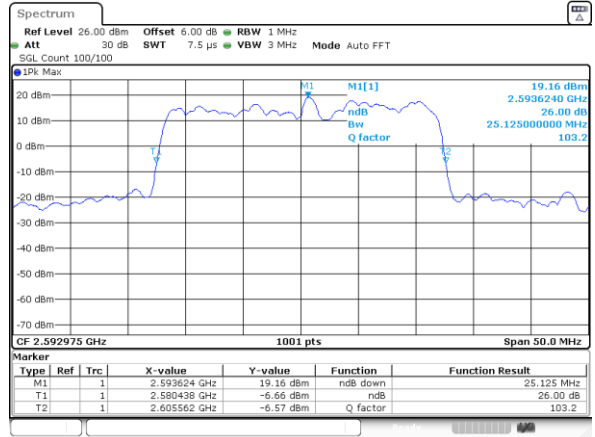


Middle Channel / 15MHz+10MHz / QPSK



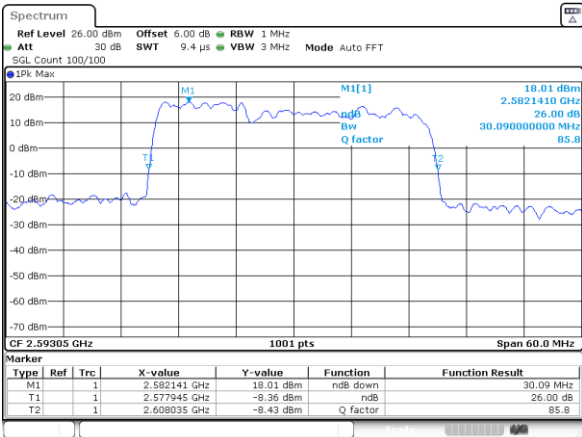
Date: 15.OCT.2023 16:43:47

Middle Channel / 15MHz+10MHz / 16QAM



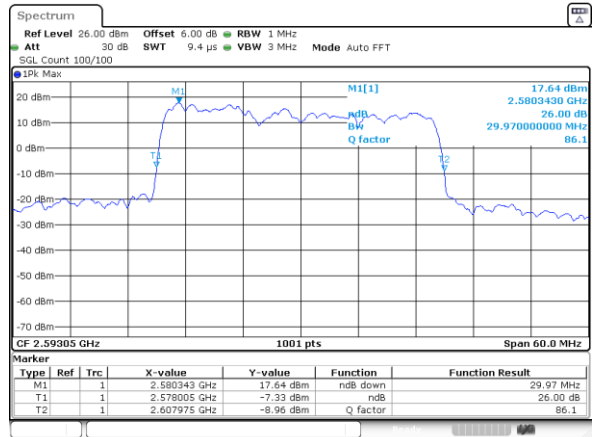
Date: 15.OCT.2023 16:44:15

Middle Channel / 10MHz+20MHz / QPSK



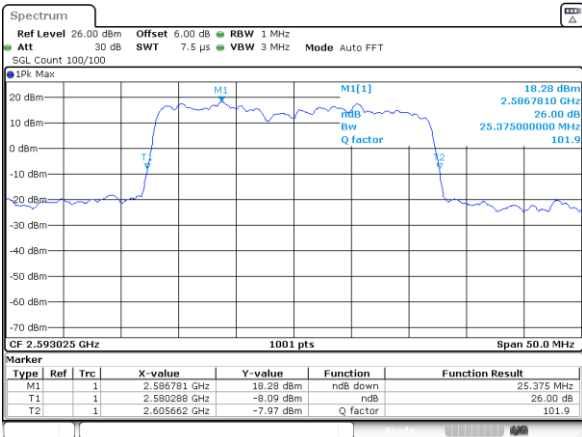
Date: 15.OCT.2023 16:35:57

Middle Channel / 10MHz+20MHz / 16QAM



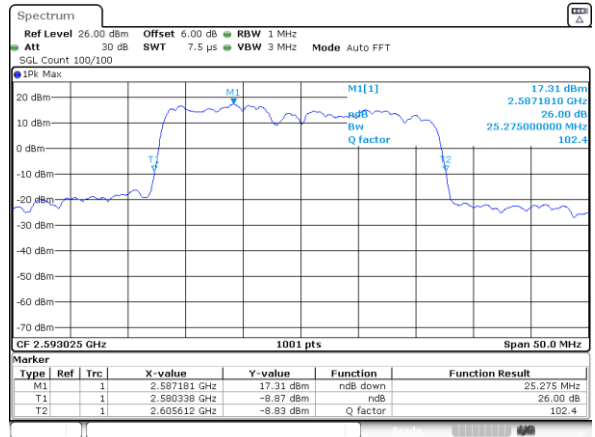
Date: 15.OCT.2023 16:36:25

Middle Channel / 10MHz+15MHz / QPSK

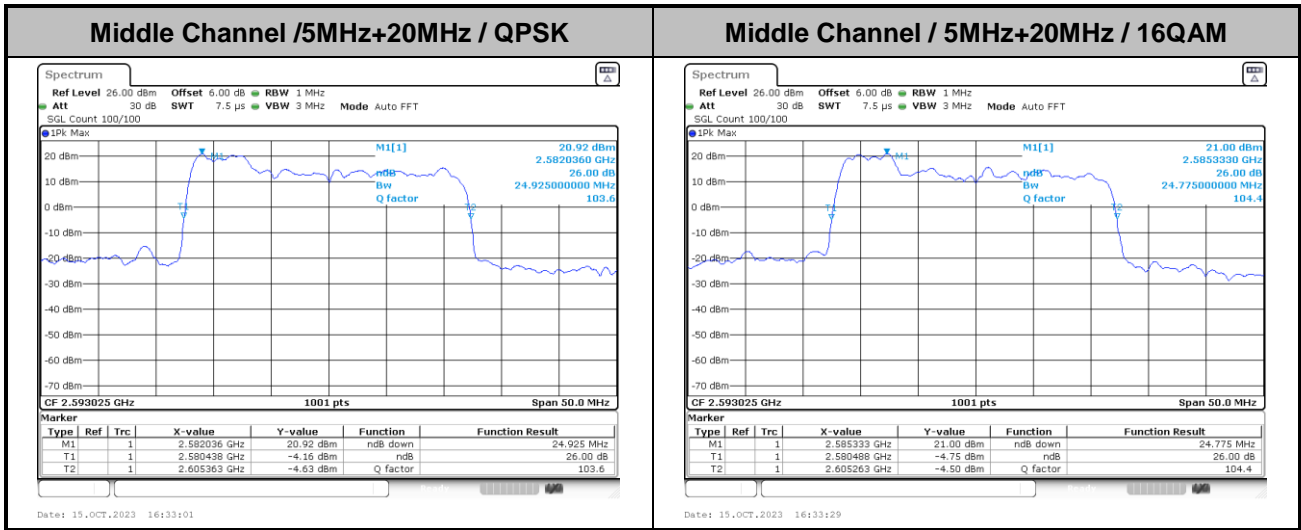


Date: 15.OCT.2023 16:38:08

Middle Channel / 10MHz+15MHz / 16QAM



Date: 15.OCT.2023 16:38:36







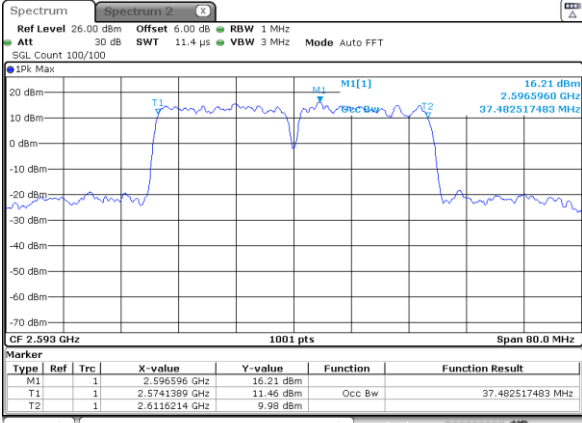
Occupied Bandwidth

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.48	37.80
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.80
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	28.05
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.18	23.33
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.66	32.94
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.71	28.59
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.28	23.33
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.05
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.33	23.63
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.23	23.08



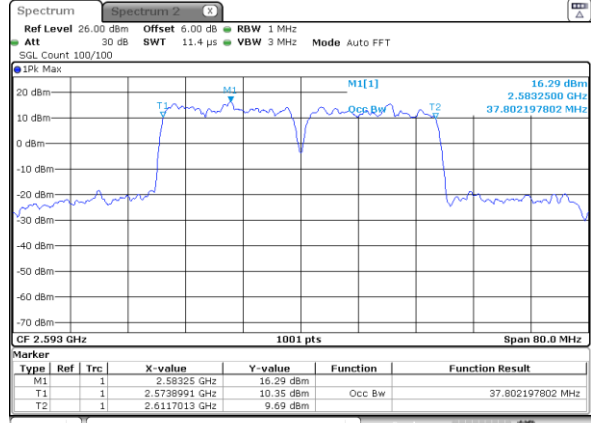
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



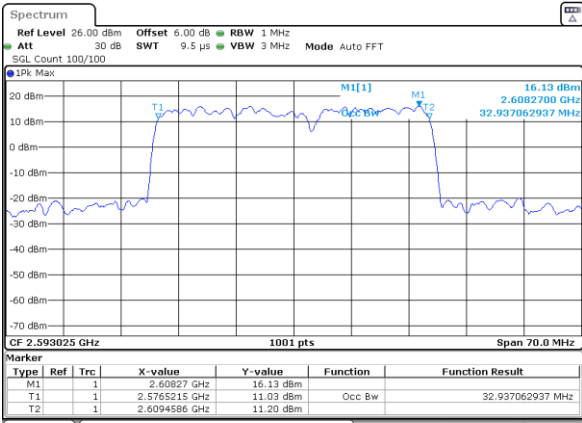
Date: 20.OCT.2023 17:00:23

Middle Channel / 20MHz+20MHz / 16QAM



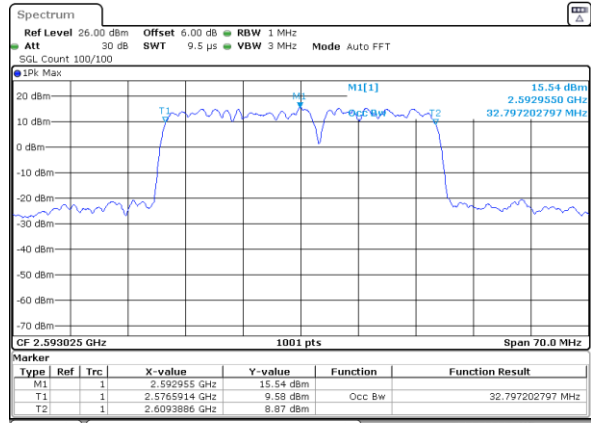
Date: 20.OCT.2023 17:01:45

Middle Channel / 20MHz+15MHz / QPSK



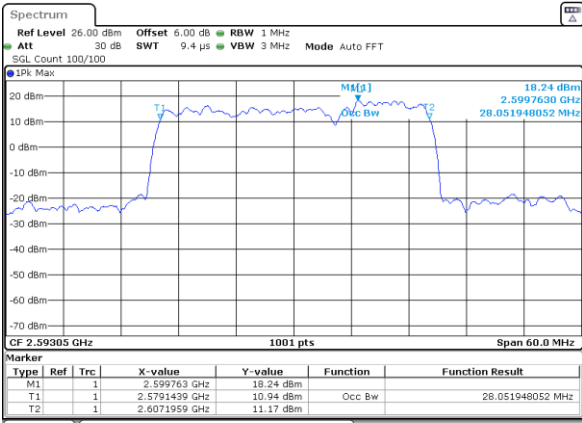
Date: 15.OCT.2023 16:51:26

Middle Channel / 20MHz+15MHz / 16QAM



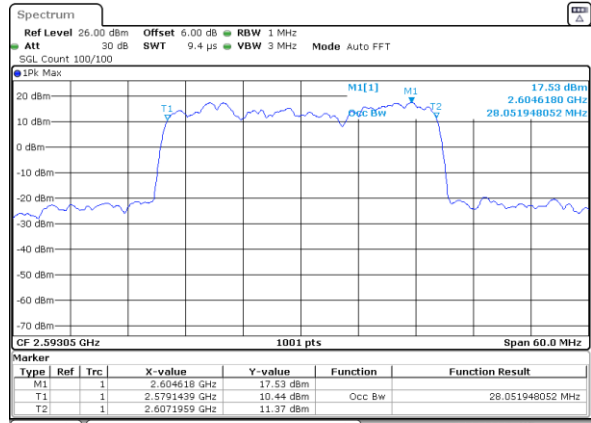
Date: 15.OCT.2023 16:52:48

Middle Channel / 20MHz+10MHz / QPSK



Date: 15.OCT.2023 16:49:29

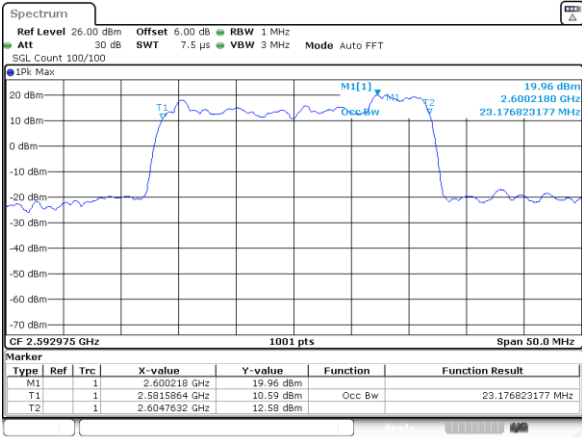
Middle Channel / 20MHz+10MHz / 16QAM



Date: 15.OCT.2023 16:50:52

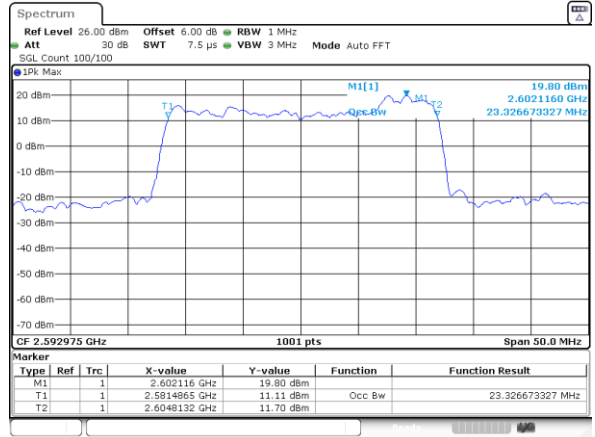


Middle Channel / 20MHz+5MHz / QPSK



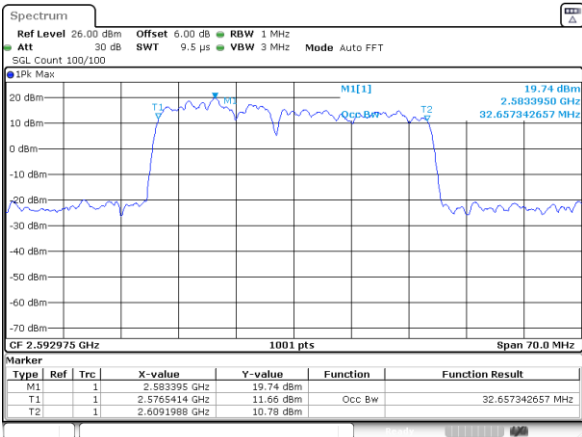
Date: 15.OCT.2023 16:47:33

Middle Channel / 20MHz+5MHz / 16QAM



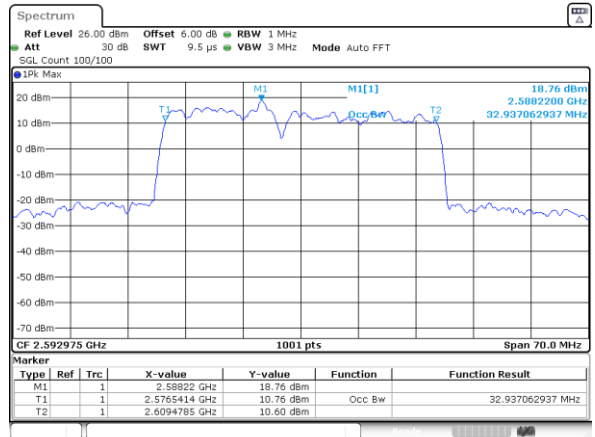
Date: 15.OCT.2023 16:48:55

Middle Channel / 15MHz+20MHz / QPSK



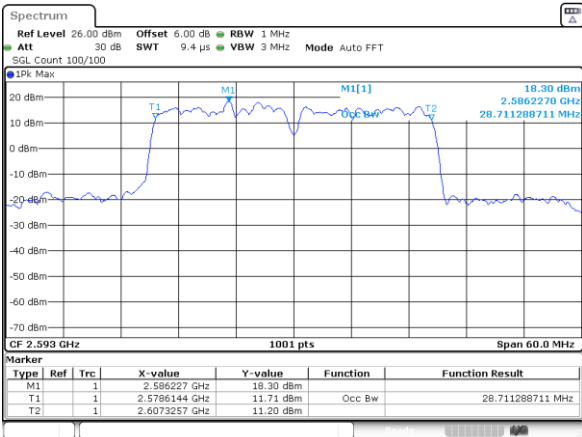
Date: 15.OCT.2023 16:45:16

Middle Channel / 15MHz+20MHz / 16QAM



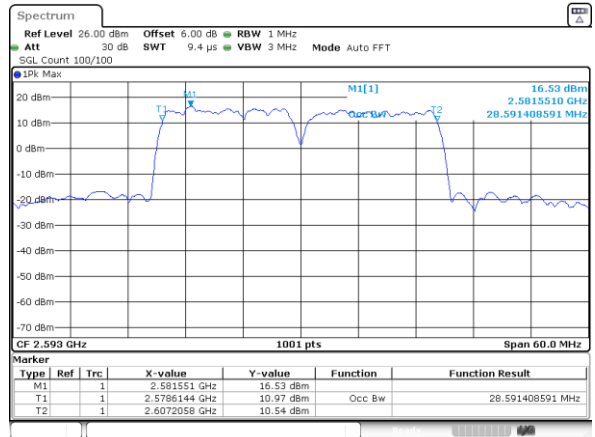
Date: 15.OCT.2023 16:46:39

Middle Channel / 15MHz+15MHz / QPSK



Date: 15.OCT.2023 16:41:24

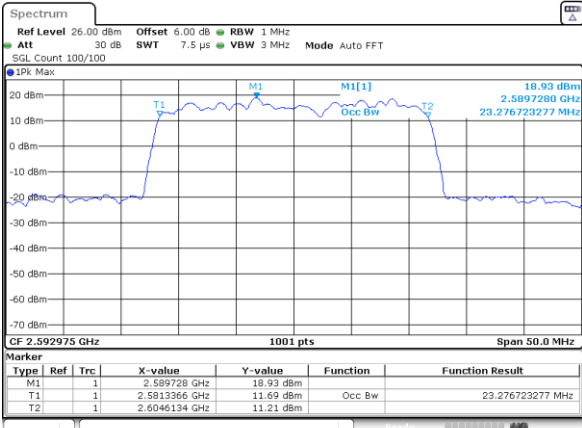
Middle Channel / 15MHz+15MHz / 16QAM



Date: 15.OCT.2023 16:42:46

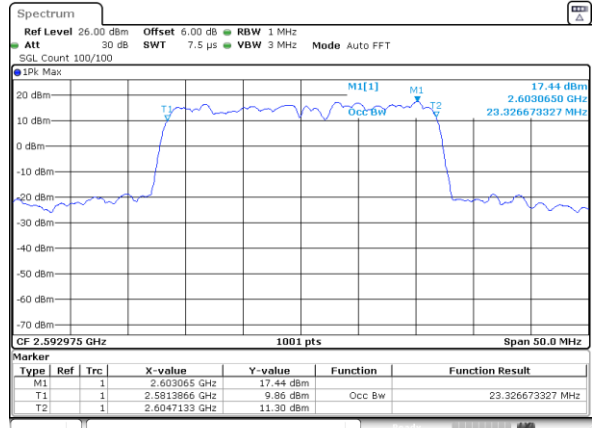


Middle Channel / 15MHz+10MHz / QPSK



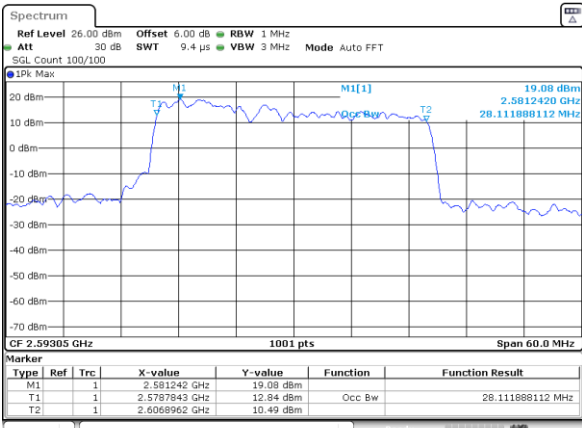
Date: 15.OCT.2023 16:43:20

Middle Channel / 15MHz+10MHz / 16QAM



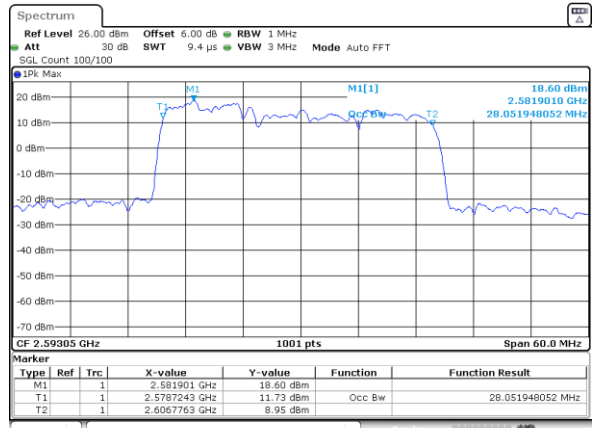
Date: 15.OCT.2023 16:44:42

Middle Channel / 10MHz+20MHz / QPSK



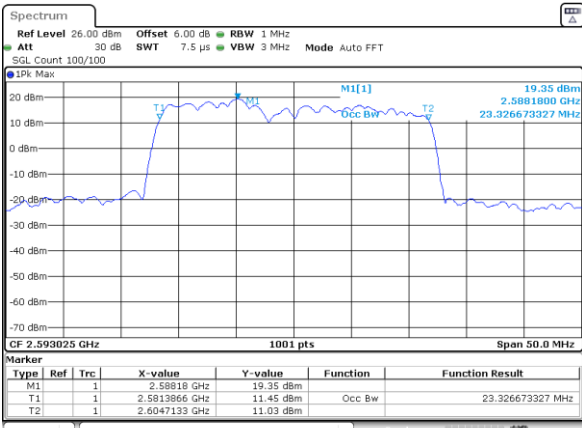
Date: 15.OCT.2023 16:35:30

Middle Channel / 10MHz+20MHz / 16QAM



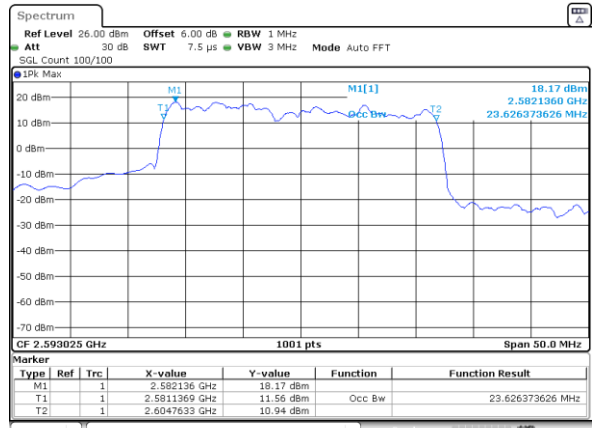
Date: 15.OCT.2023 16:36:52

Middle Channel / 10MHz+15MHz / QPSK

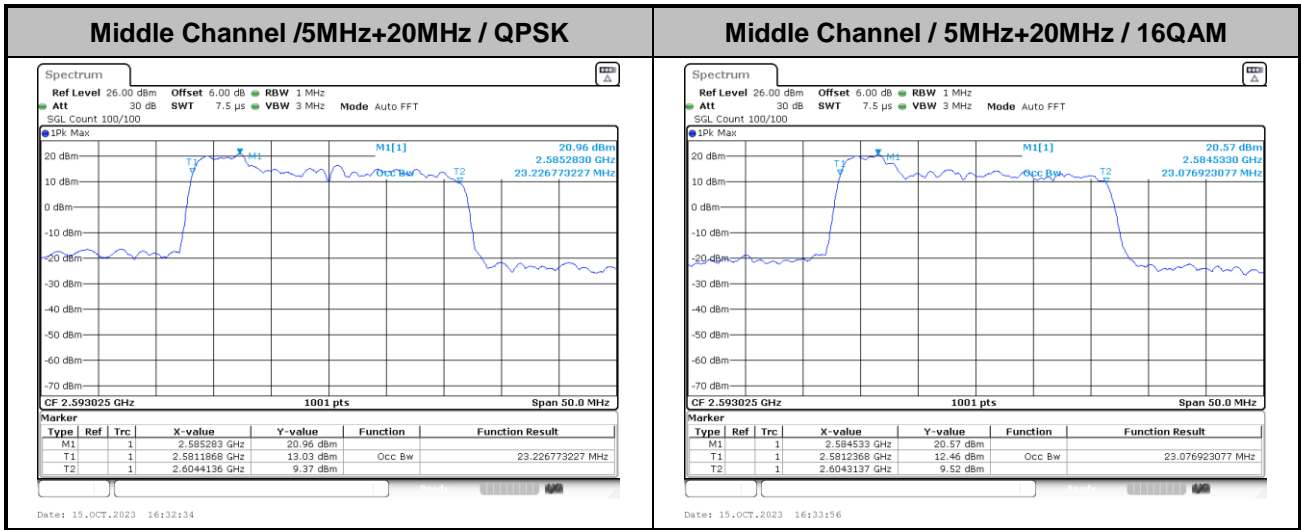


Date: 15.OCT.2023 16:37:41

Middle Channel / 10MHz+15MHz / 16QAM



Date: 15.OCT.2023 16:39:03



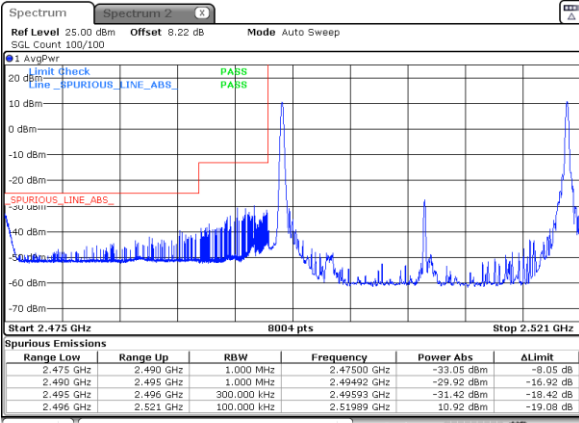


# Conducted Band Edge

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

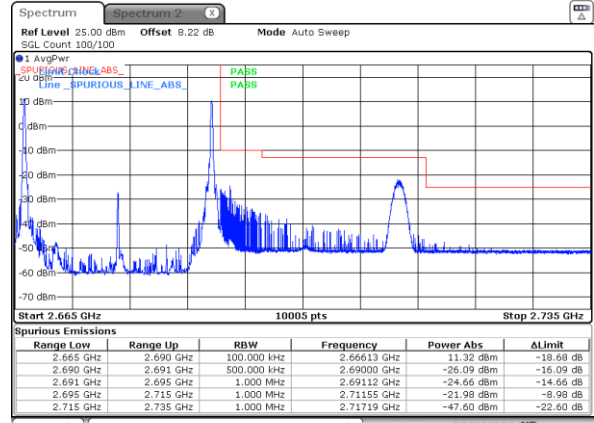
### QPSK

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



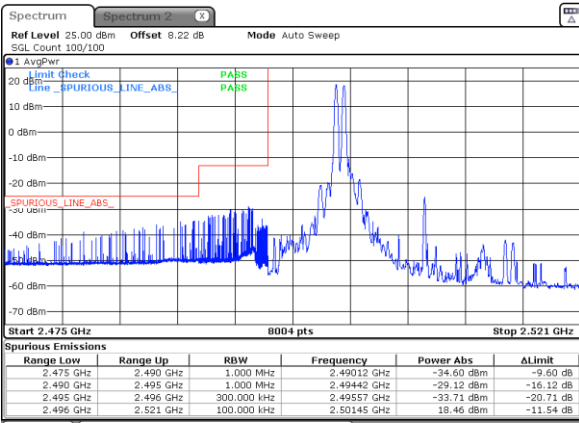
Date: 20.OCT.2023 11:18:26

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



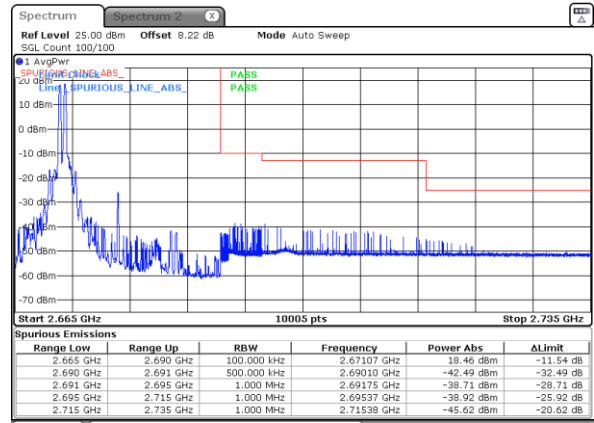
Date: 20.OCT.2023 11:46:01

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



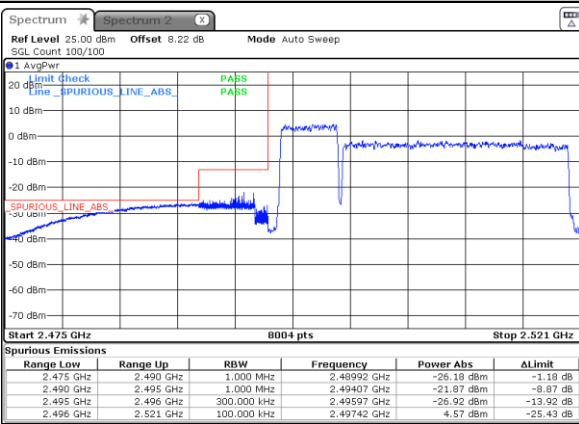
Date: 20.OCT.2023 11:14:31

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



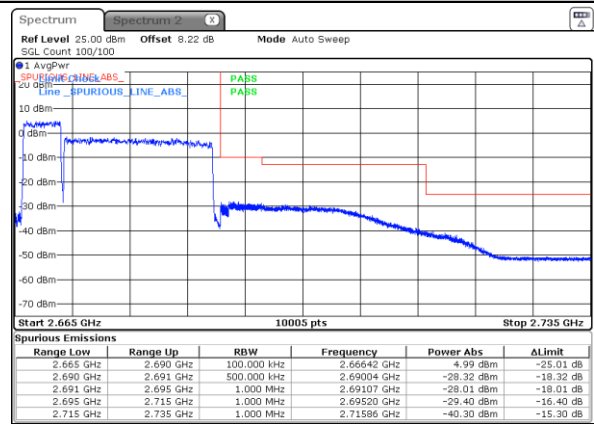
Date: 20.OCT.2023 11:29:26

#### Lowest Band Edge / Full RB



Date: 20.OCT.2023 11:43:59

#### Highest Band Edge / Full RB



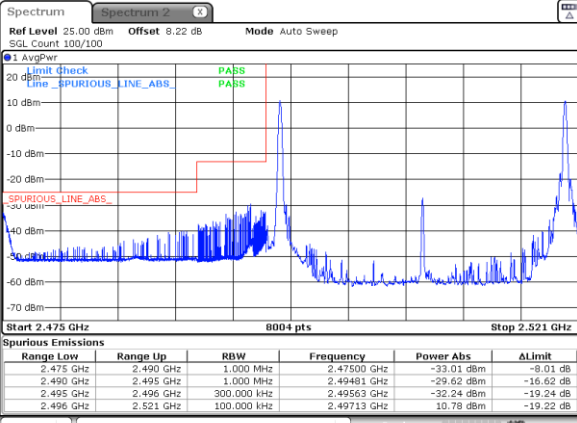
Date: 20.OCT.2023 11:49:53



LTE Band 41C / 5MHz+20MHz

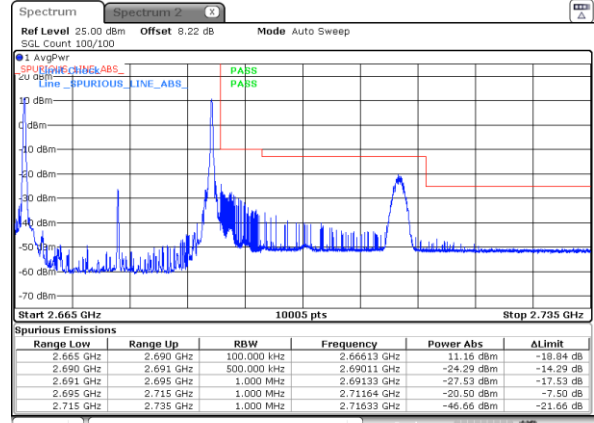
16QAM

Lowest Band Edge / 1RB0 and 1RB99



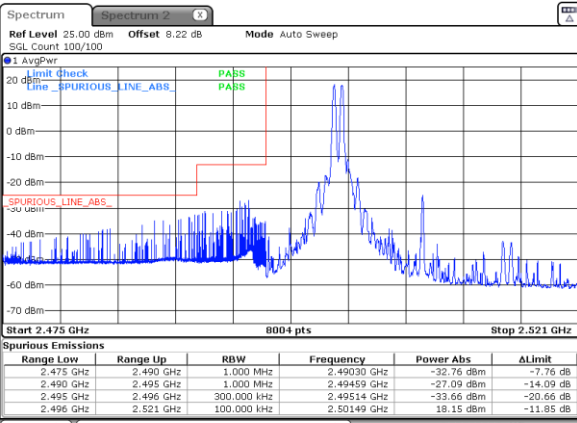
Date: 20.OCT.2023 11:19:25

Highest Band Edge / 1RB0 and 1RB99



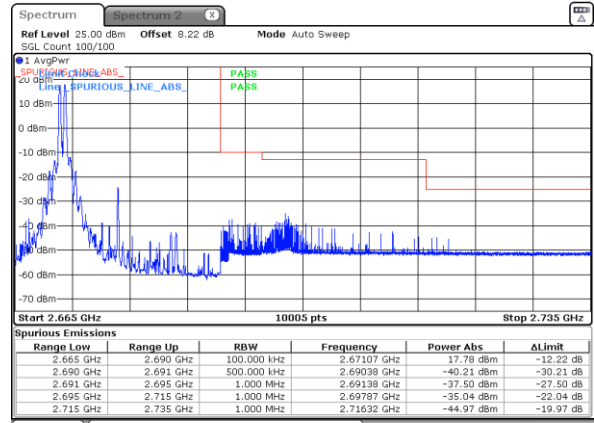
Date: 20.OCT.2023 11:46:59

Lowest Band Edge / 1RB24 and 1RB0



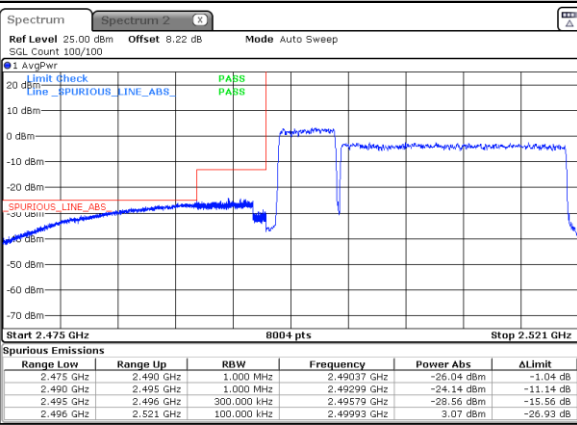
Date: 20.OCT.2023 11:15:29

Highest Band Edge / 1RB24 and 1RB0



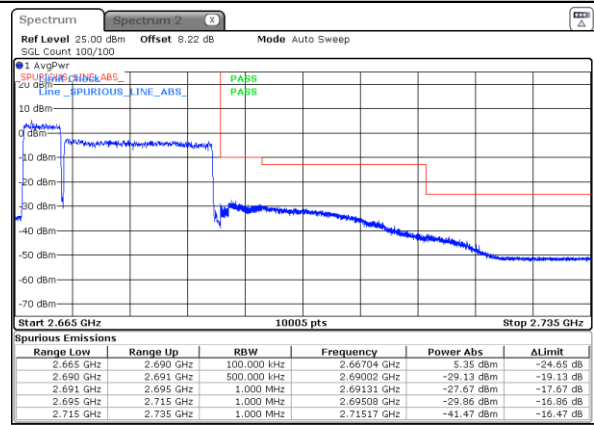
Date: 20.OCT.2023 11:30:24

Lowest Band Edge / Full RB



Date: 20.OCT.2023 11:23:20

Highest Band Edge / Full RB



Date: 20.OCT.2023 11:50:51

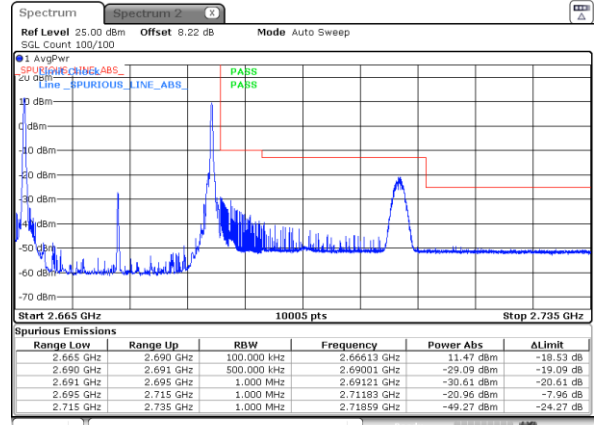
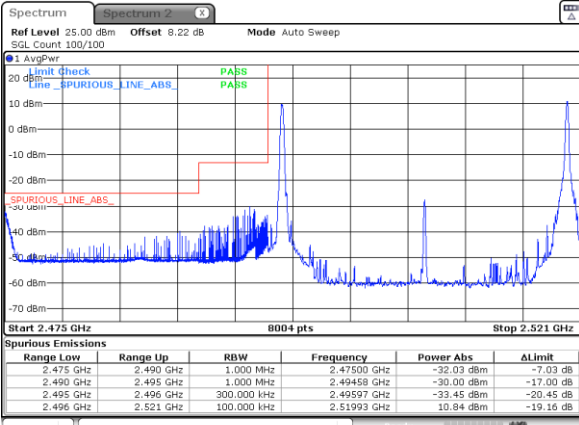


LTE Band 41C / 5MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

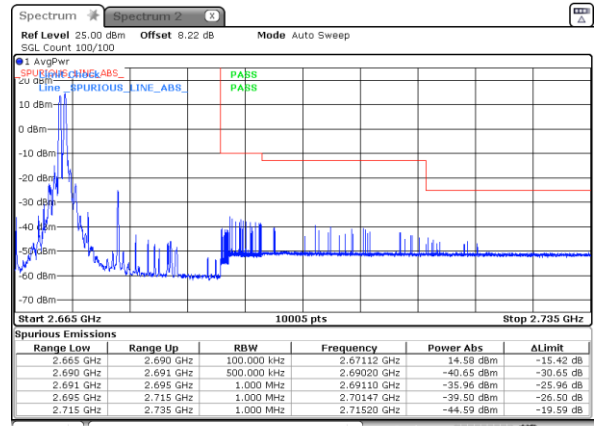
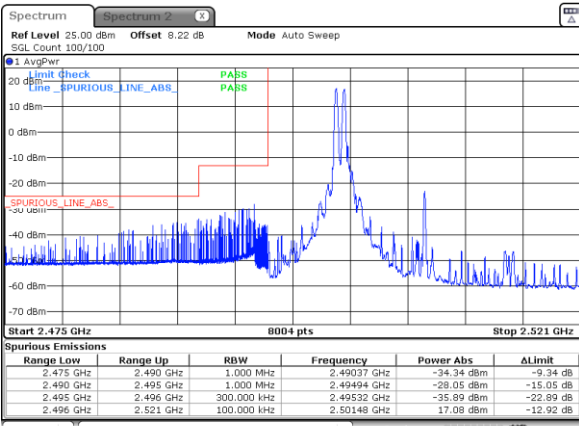


Date: 20.OCT.2023 11:20:24

Date: 20.OCT.2023 11:47:57

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

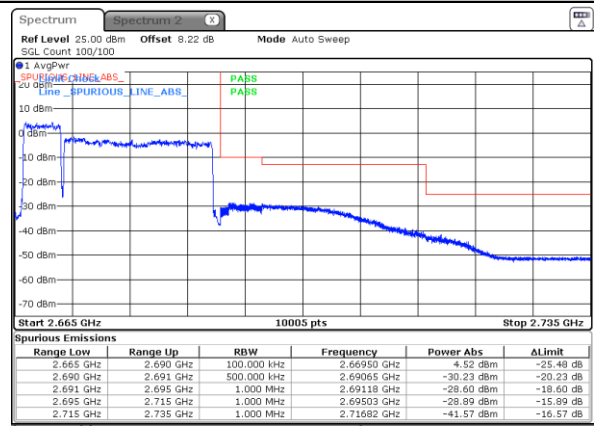
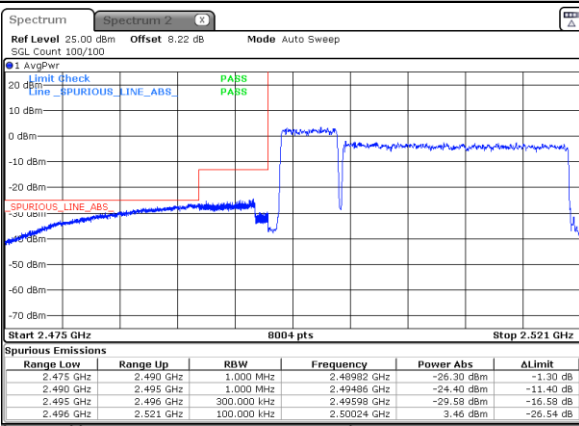


Date: 20.OCT.2023 11:16:29

Date: 20.OCT.2023 11:38:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.OCT.2023 11:24:19

Date: 20.OCT.2023 11:51:49

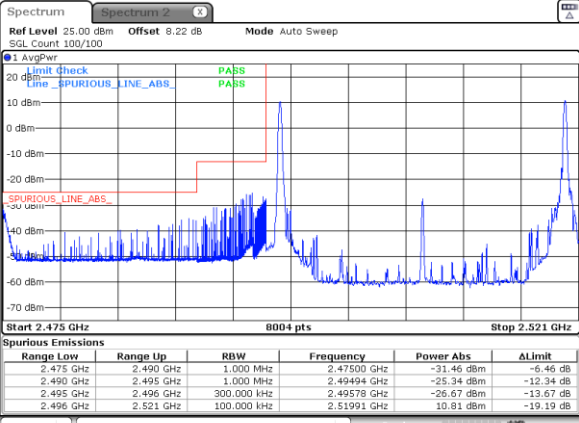




LTE Band 41C / 5MHz+20MHz

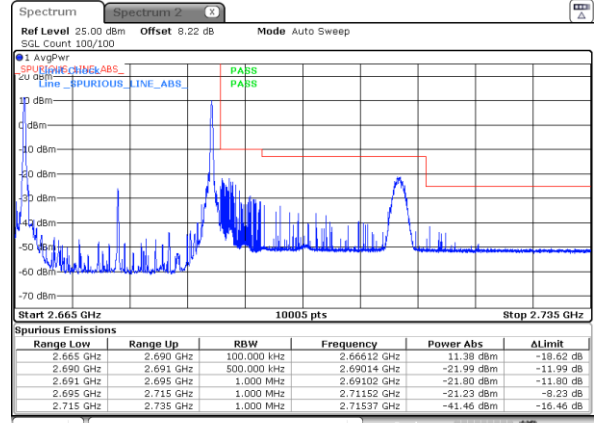
256QAM

Lowest Band Edge / 1RB0 and 1RB99



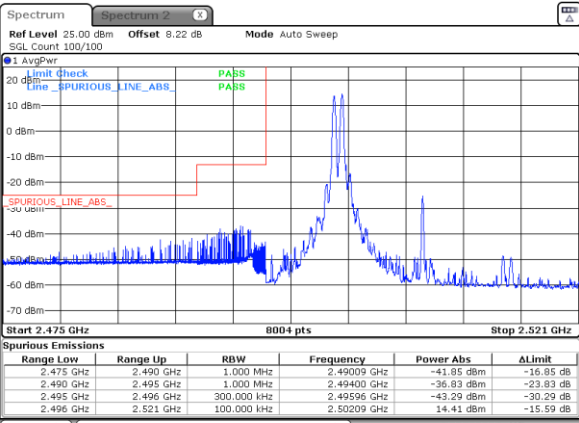
Date: 20.OCT.2023 11:21:22

Highest Band Edge / 1RB0 and 1RB99



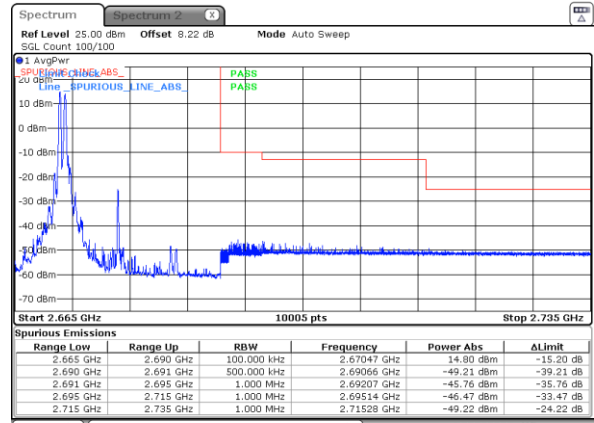
Date: 20.OCT.2023 11:48:55

Lowest Band Edge / 1RB24 and 1RB0



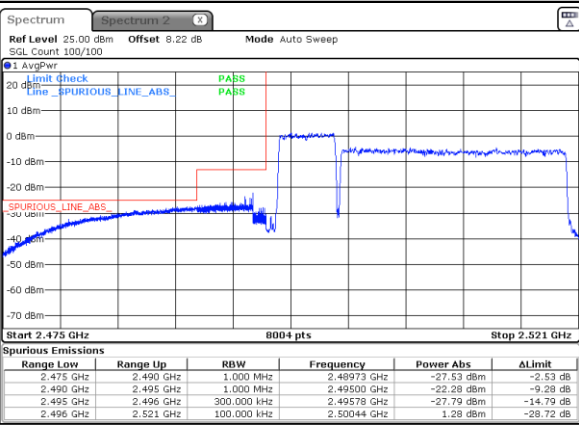
Date: 20.OCT.2023 11:17:27

Highest Band Edge / 1RB24 and 1RB0



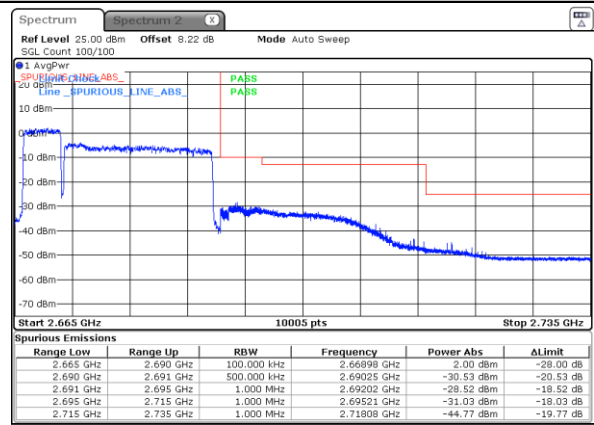
Date: 20.OCT.2023 11:45:03

Lowest Band Edge / Full RB



Date: 20.OCT.2023 11:25:17

Highest Band Edge / Full RB



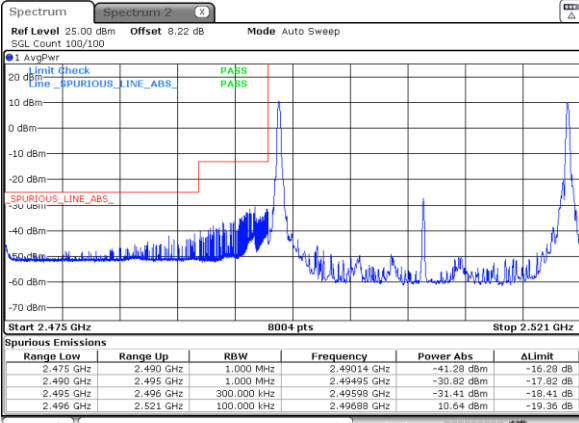
Date: 20.OCT.2023 11:52:47



LTE Band 41C / 10MHz+15MHz

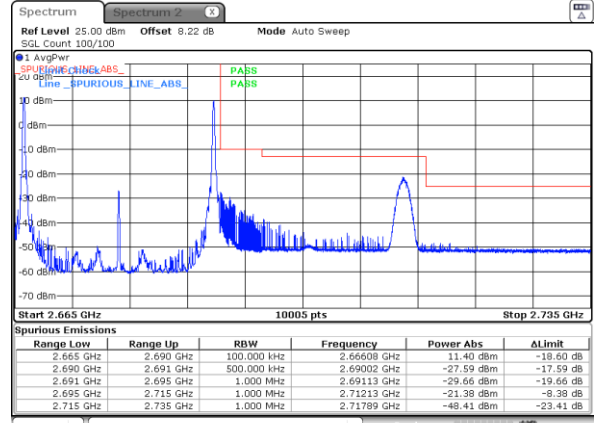
QPSK

Lowest Band Edge / 1RB0 and 1RB74



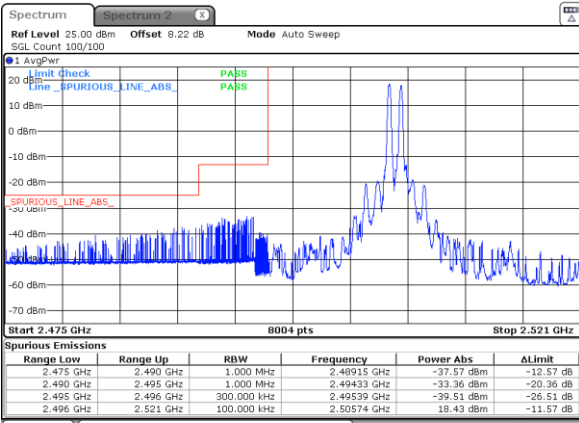
Date: 20.OCT.2023 11:59:17

Highest Band Edge / 1RB0 and 1RB74



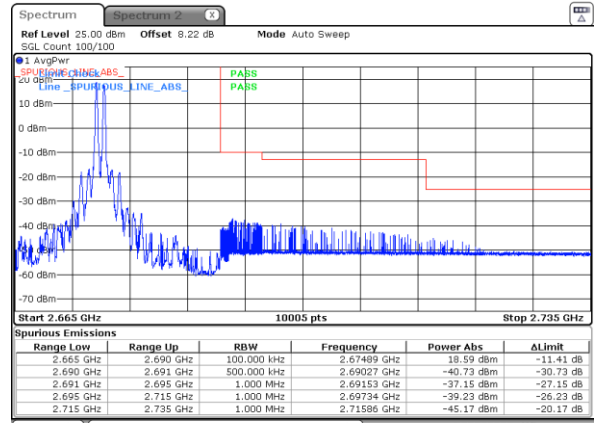
Date: 20.OCT.2023 12:14:06

Lowest Band Edge / 1RB49 and 1RB0



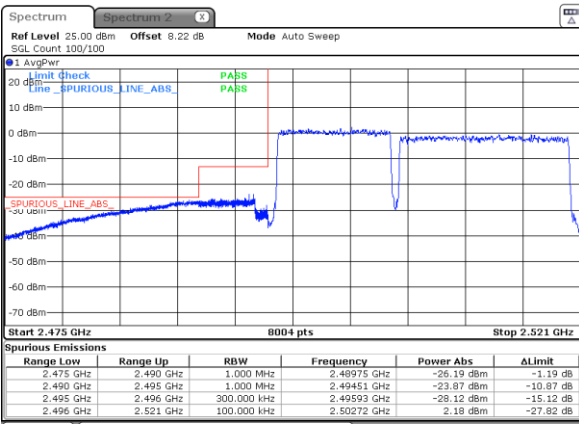
Date: 20.OCT.2023 11:55:21

Highest Band Edge / 1RB49 and 1RB0



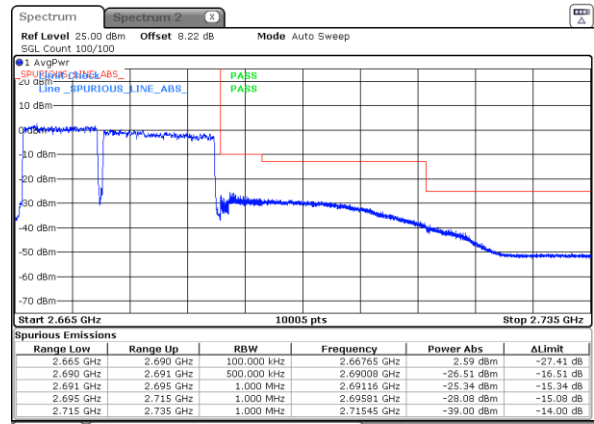
Date: 20.OCT.2023 12:10:15

Lowest Band Edge / Full RB



Date: 20.OCT.2023 12:03:12

Highest Band Edge / Full RB



Date: 20.OCT.2023 12:17:57

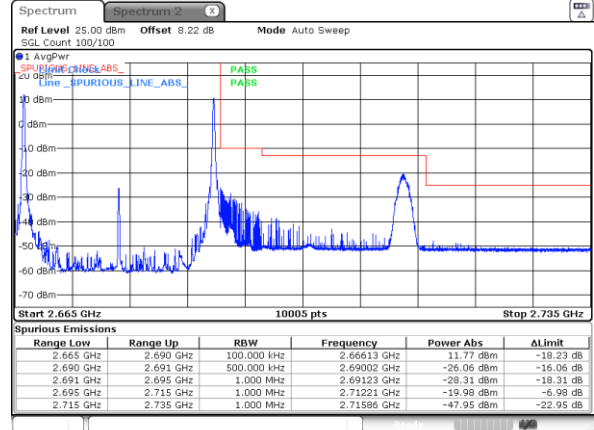
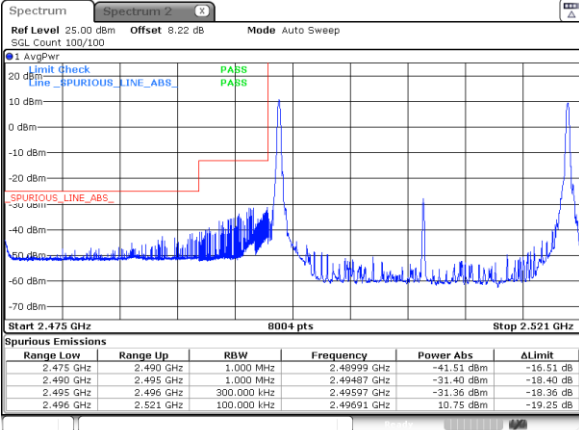


LTE Band 41C / 10MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

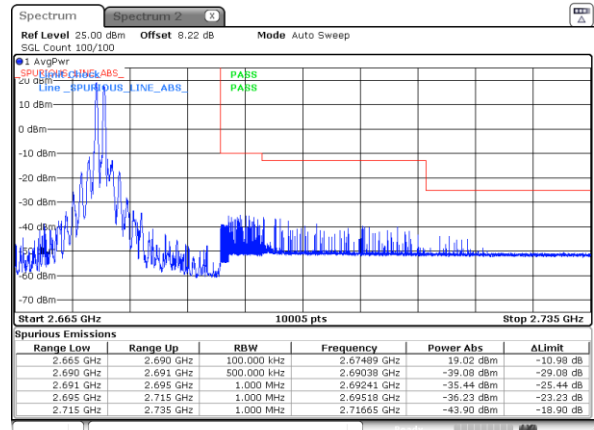
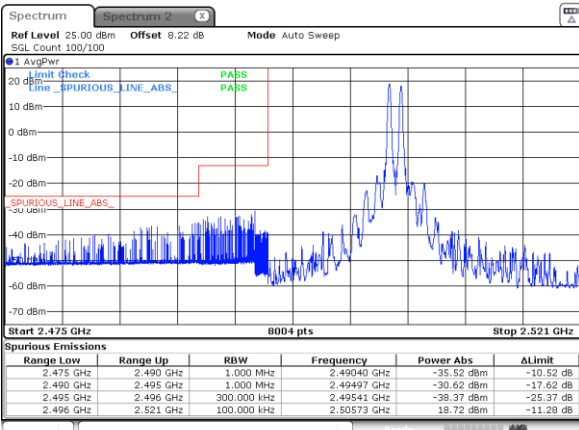


Date: 20.OCT.2023 12:00:16

Date: 20.OCT.2023 12:15:04

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

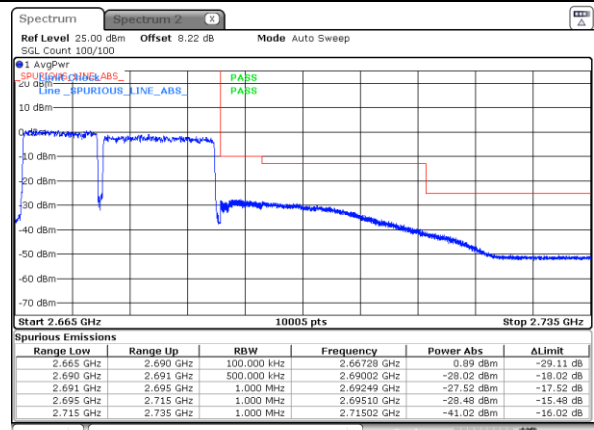
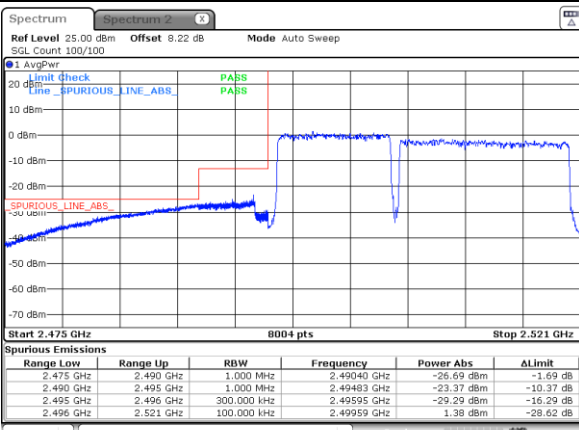


Date: 20.OCT.2023 11:56:20

Date: 20.OCT.2023 12:11:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.OCT.2023 12:04:11

Date: 20.OCT.2023 12:18:55

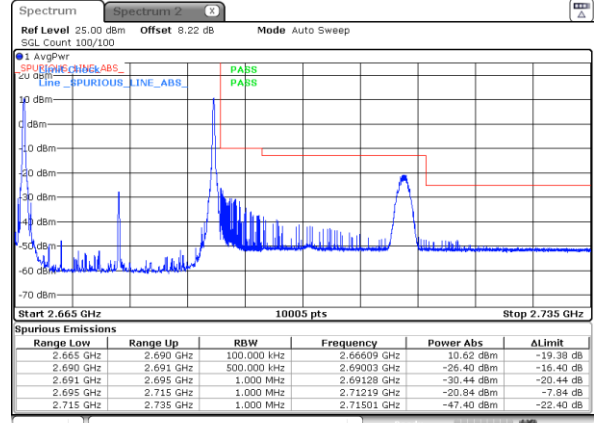
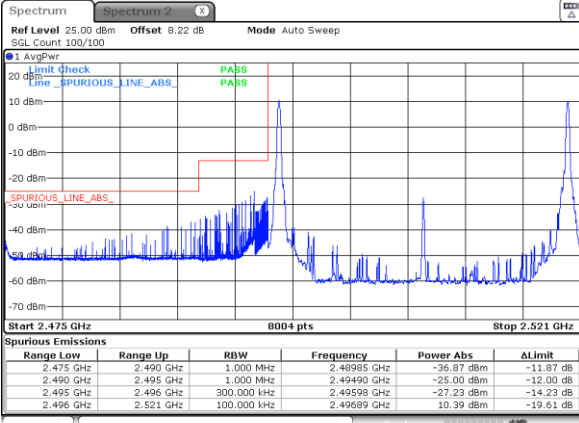


LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

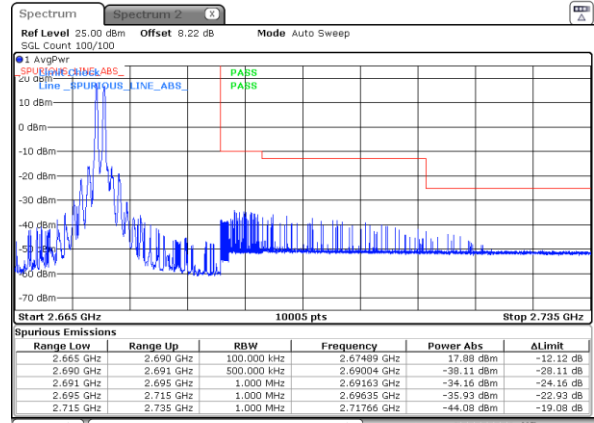
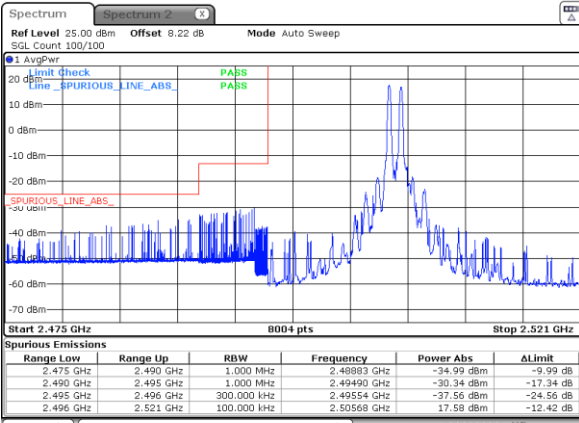


Date: 20.OCT.2023 12:01:14

Date: 20.OCT.2023 12:16:01

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

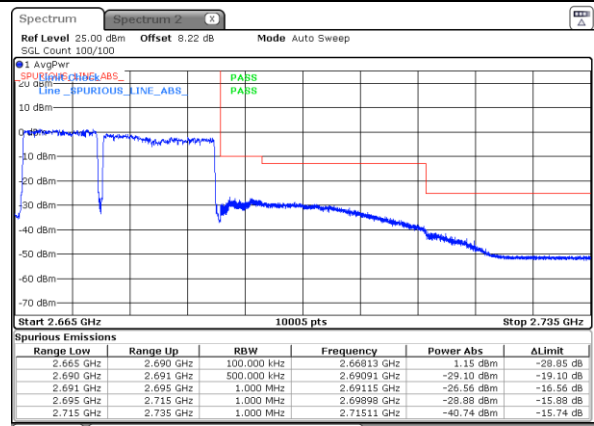
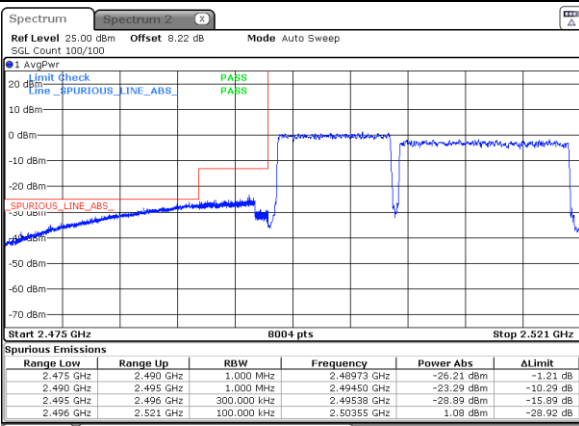


Date: 20.OCT.2023 11:57:19

Date: 20.OCT.2023 12:12:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.OCT.2023 12:05:10

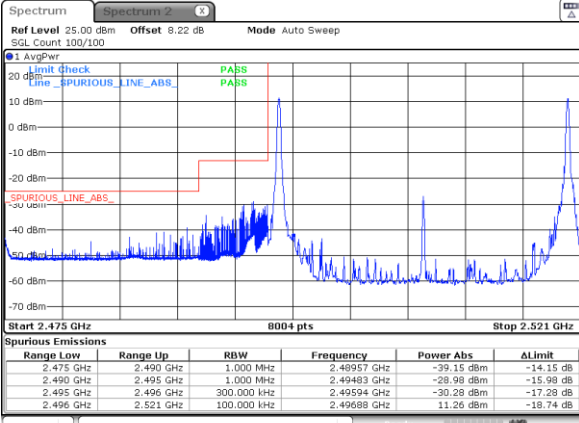
Date: 20.OCT.2023 12:19:52



LTE Band 41C / 10MHz+15MHz

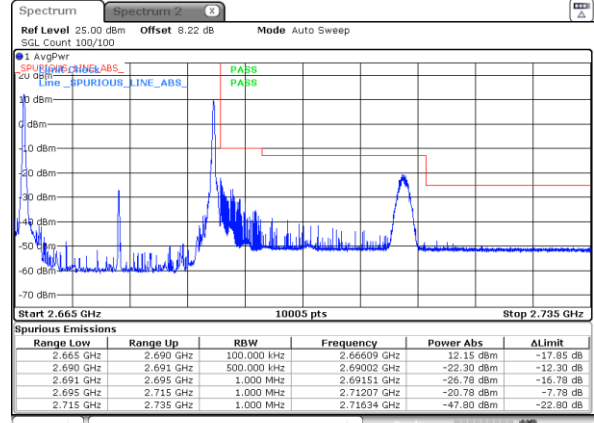
256AM

Lowest Band Edge / 1RB0 and 1RB74



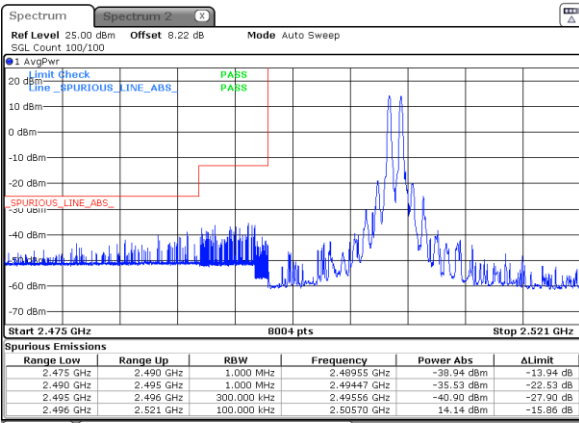
Date: 20.OCT.2023 12:02:13

Highest Band Edge / 1RB0 and 1RB74



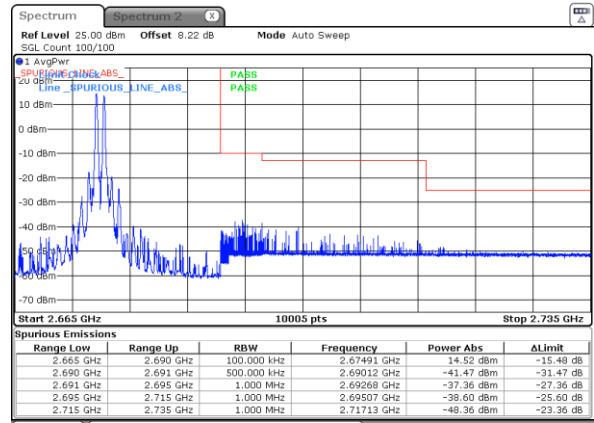
Date: 20.OCT.2023 12:16:59

Lowest Band Edge / 1RB49 and 1RB0



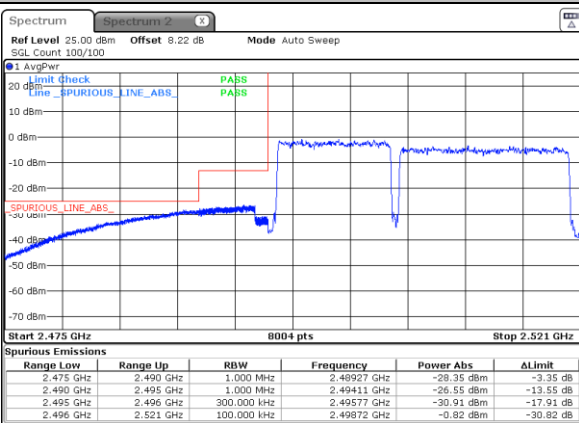
Date: 20.OCT.2023 11:58:17

Highest Band Edge / 1RB49 and 1RB0



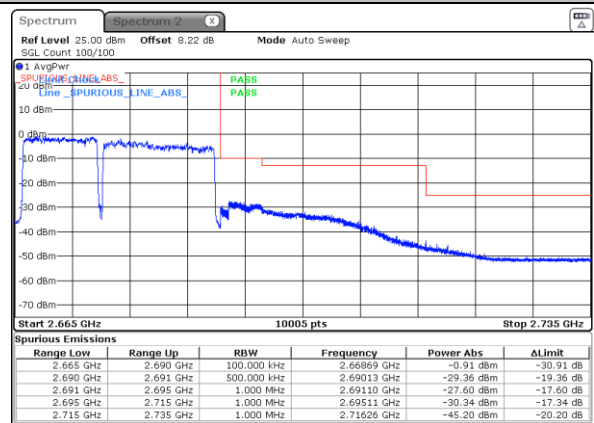
Date: 20.OCT.2023 12:13:08

Lowest Band Edge / Full RB



Date: 20.OCT.2023 12:06:08

Highest Band Edge / Full RB



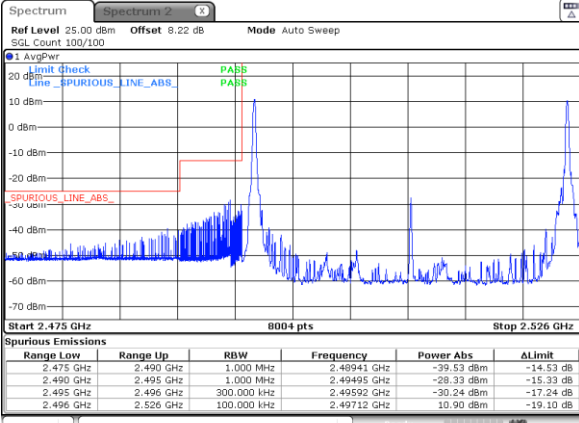
Date: 20.OCT.2023 12:20:50



LTE Band 41C / 10MHz+20MHz

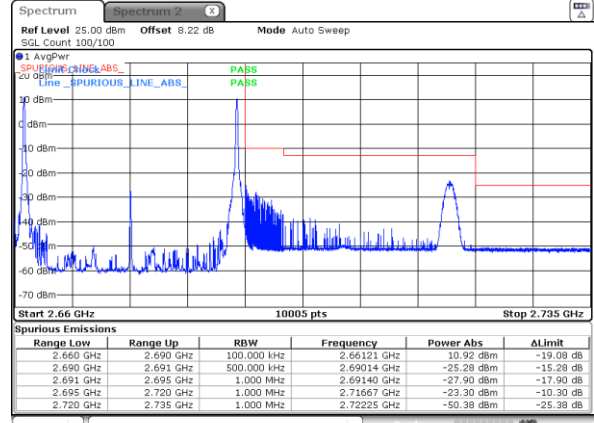
QPSK

Lowest Band Edge / 1RB0 and 1RB99



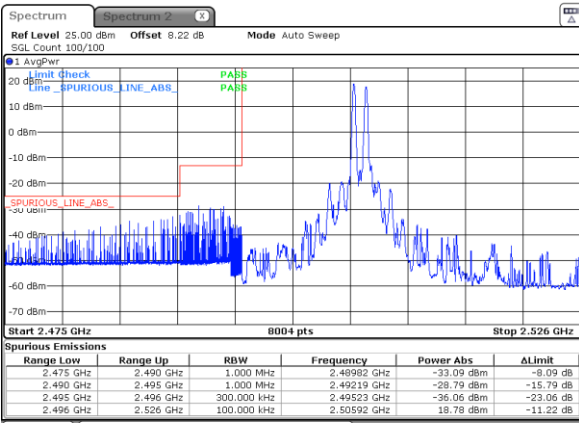
Date: 20.OCT.2023 12:27:18

Highest Band Edge / 1RB0 and 1RB99



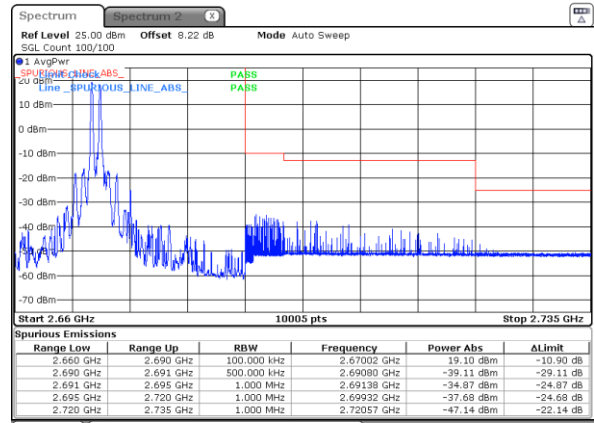
Date: 20.OCT.2023 12:42:02

Lowest Band Edge / 1RB49 and 1RB0



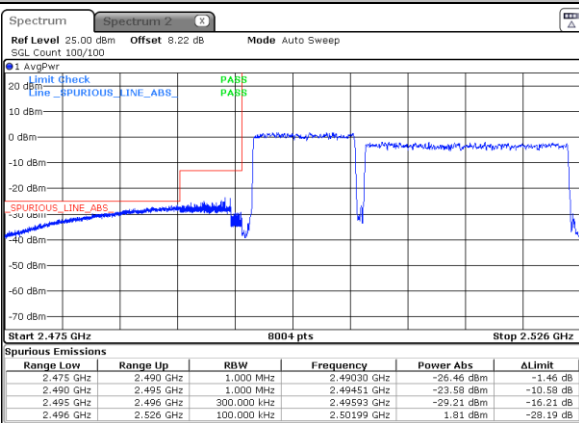
Date: 20.OCT.2023 12:23:23

Highest Band Edge / 1RB49 and 1RB0



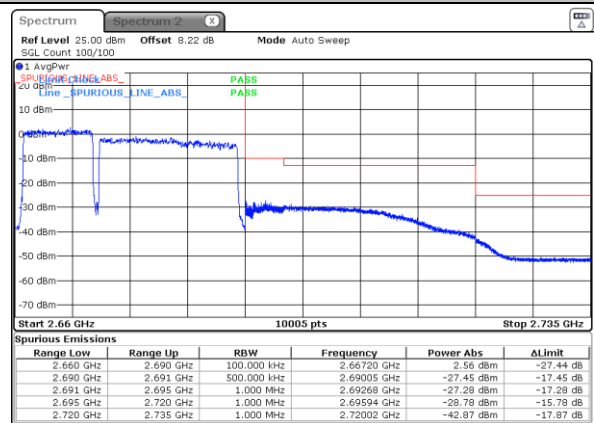
Date: 20.OCT.2023 12:38:14

Lowest Band Edge / Full RB



Date: 20.OCT.2023 12:31:13

Highest Band Edge / Full RB



Date: 20.OCT.2023 12:45:52

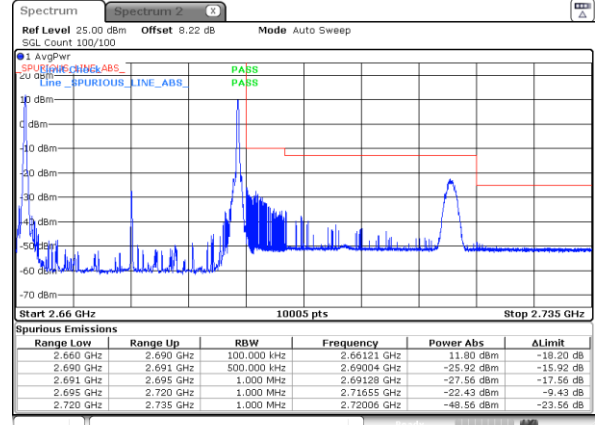
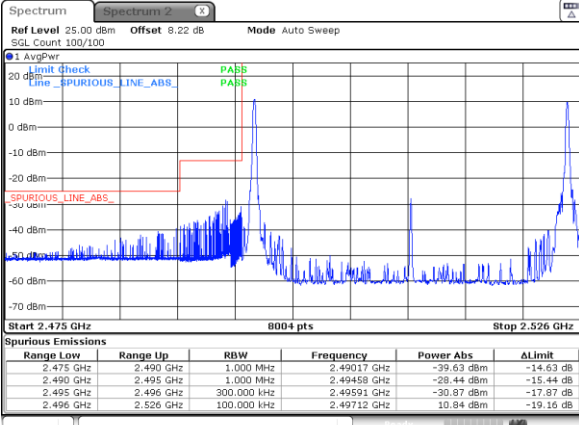


LTE Band 41C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

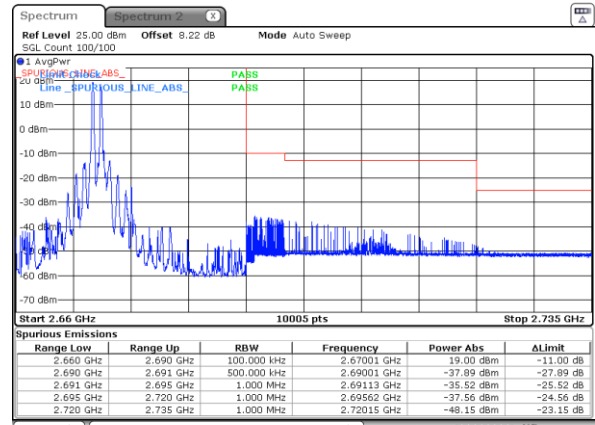
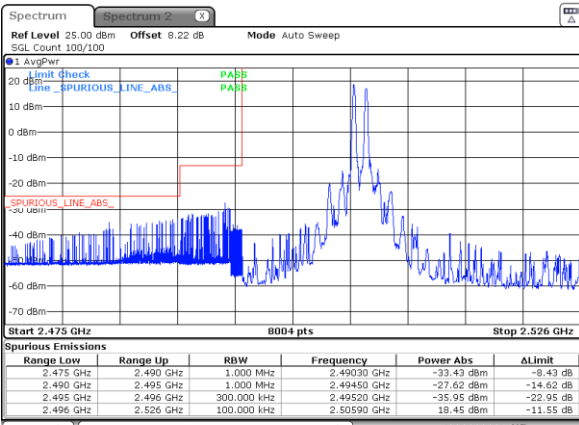


Date: 20.OCT.2023 12:28:17

Date: 20.OCT.2023 12:43:00

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

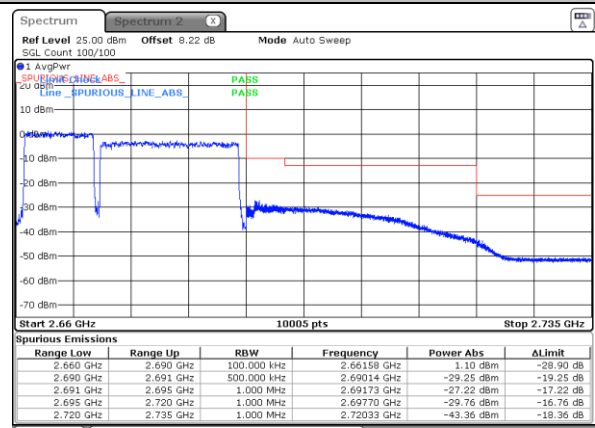
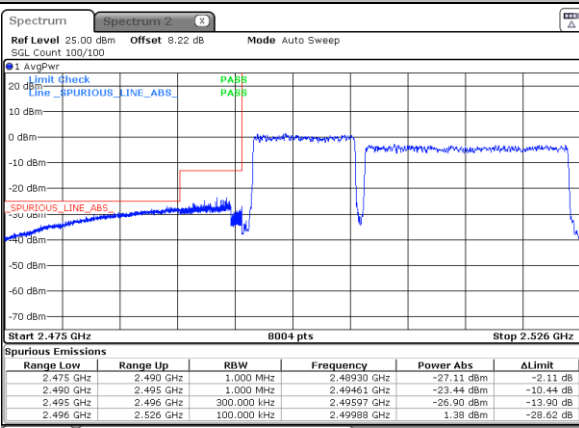


Date: 20.OCT.2023 12:24:22

Date: 20.OCT.2023 12:39:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.OCT.2023 12:32:12

Date: 20.OCT.2023 12:46:49



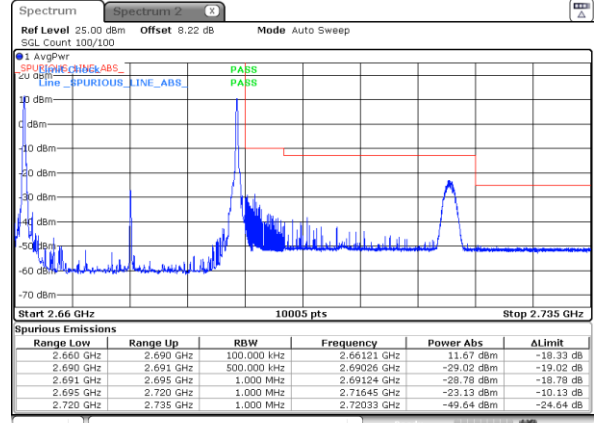
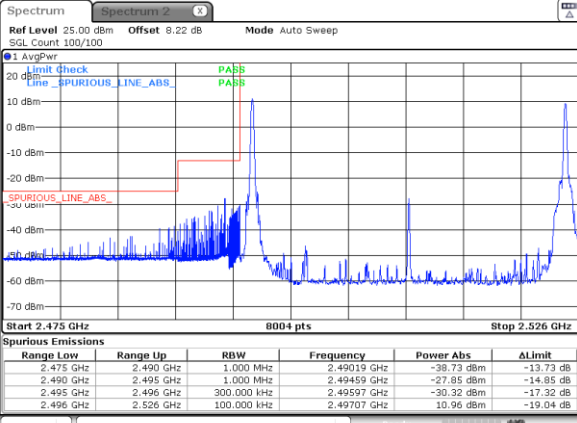


LTE Band 41C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

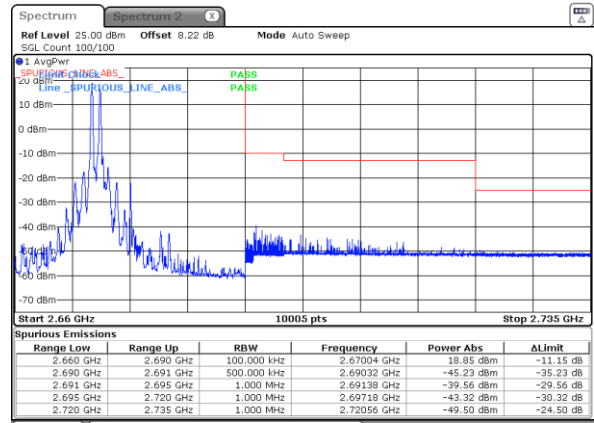
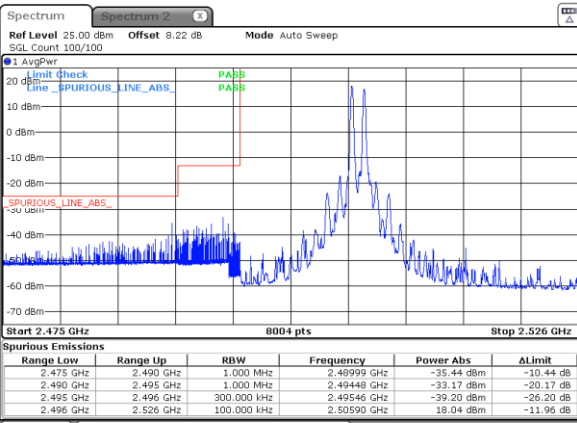


Date: 20\_OCT\_2023 12:29:16

Date: 20\_OCT\_2023 12:43:57

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

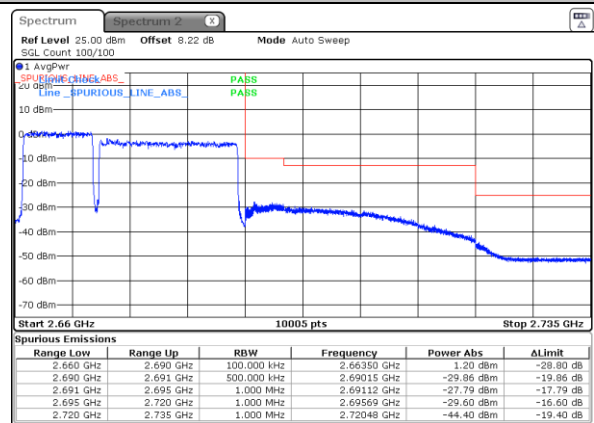
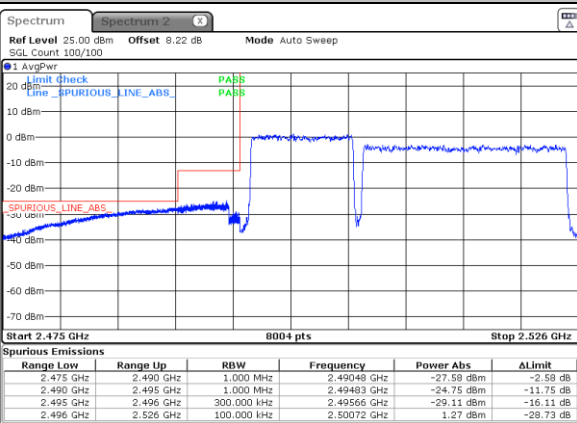


Date: 20\_OCT\_2023 12:25:21

Date: 20\_OCT\_2023 12:40:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20\_OCT\_2023 12:33:10

Date: 20\_OCT\_2023 12:47:46