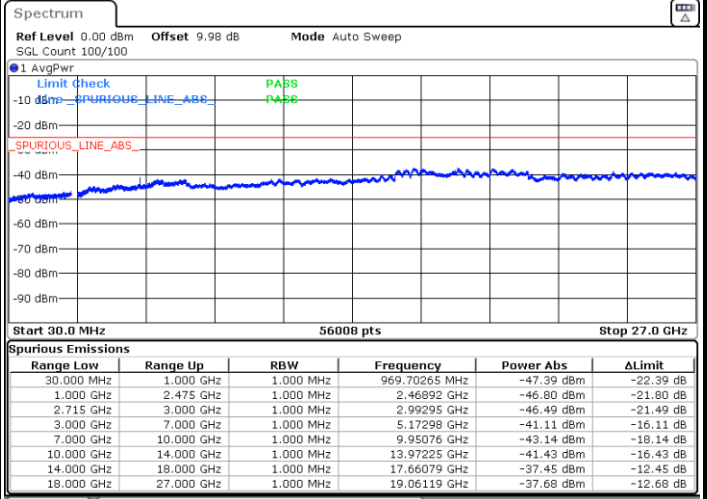
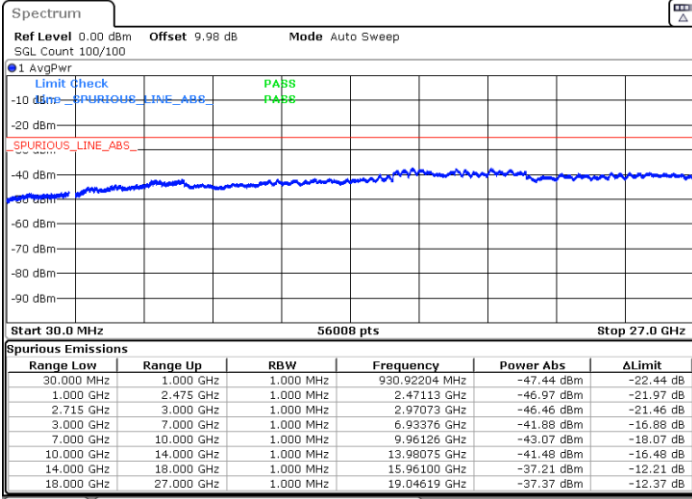




LTE Band 41 / 15MHz

Lowest Channel / QPSK

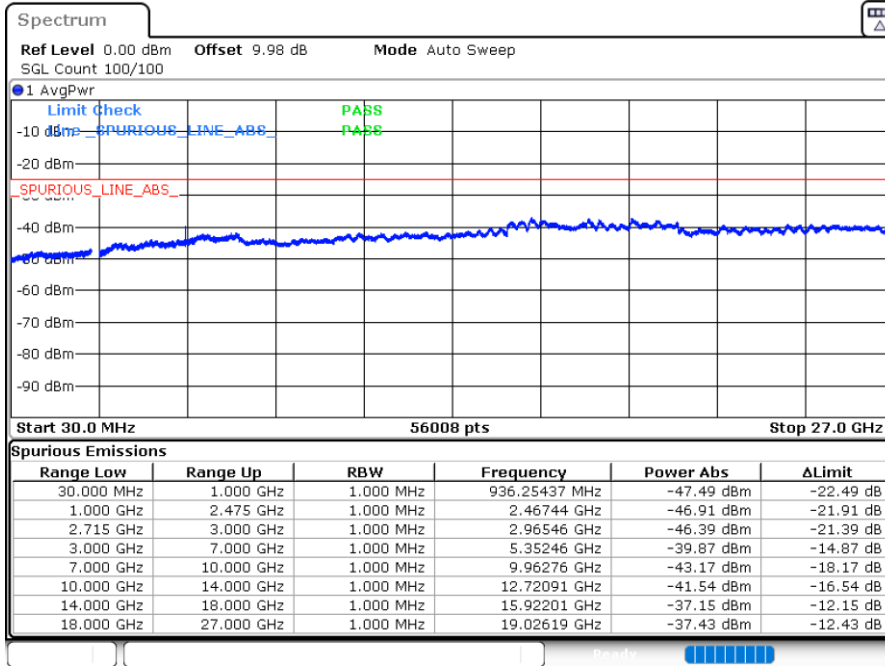
Middle Channel / QPSK



Date: 27.DEC.2024 12:43:13

Date: 27.DEC.2024 12:53:12

Highest Channel / QPSK



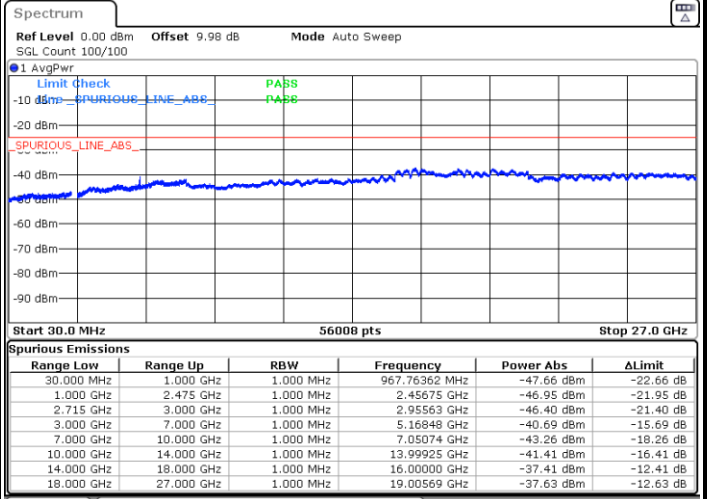
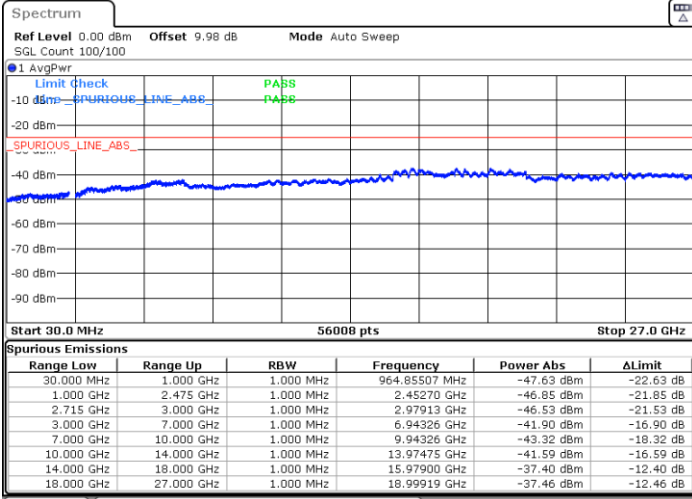
Date: 27.DEC.2024 12:54:28



LTE Band 41 / 20MHz

Lowest Channel / QPSK

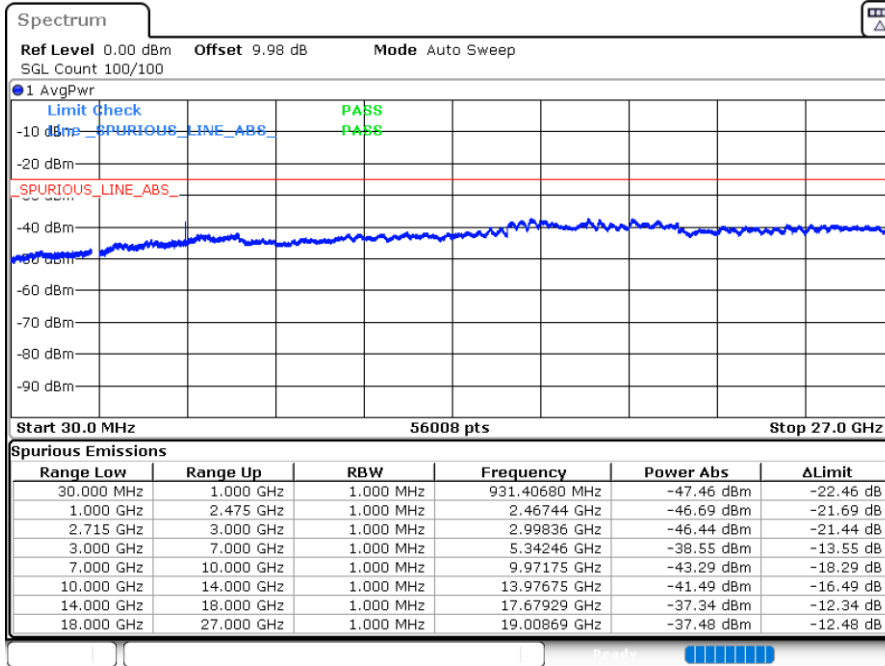
Middle Channel / QPSK



Date: 27.DEC.2024 13:15:32

Date: 27.DEC.2024 13:25:31

Highest Channel / QPSK



Date: 27.DEC.2024 13:26:46



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	0.0020	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0047	
-20	Normal Voltage	0.0038	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.86 V.; Battery End Point (BEP) =3.5 V.; Maximum Voltage =4.53V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 7C

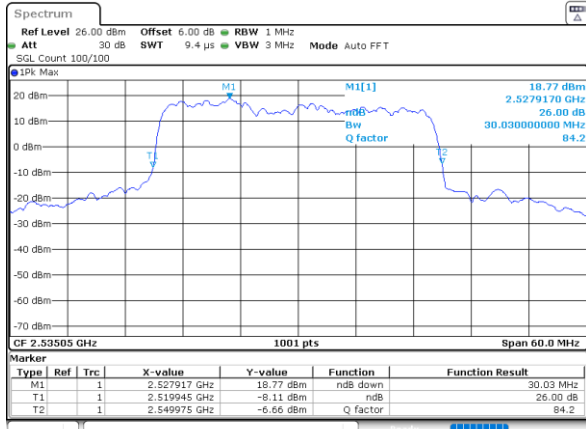
## 26dB Bandwidth

Mode	LTE Band 7c : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.97
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	24.48	25.23
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.81	30.75
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.25	35.25
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.09
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	35.18
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.28	40.12



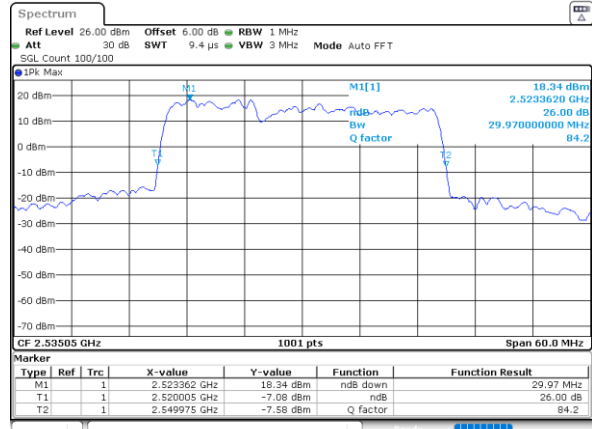
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 2.DEC.2024 14:29:02

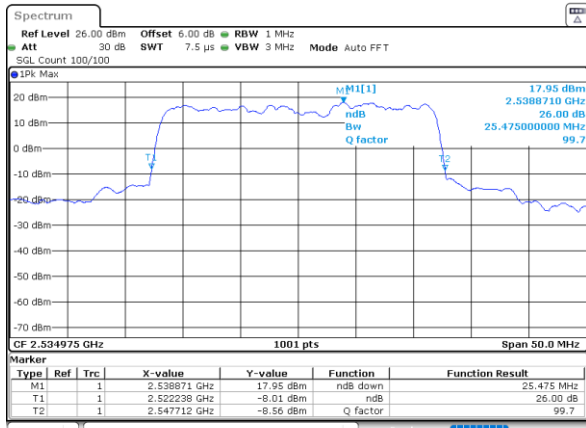
Middle Channel / 10MHz+20MHz / 16QAM



Date: 2.DEC.2024 14:29:30

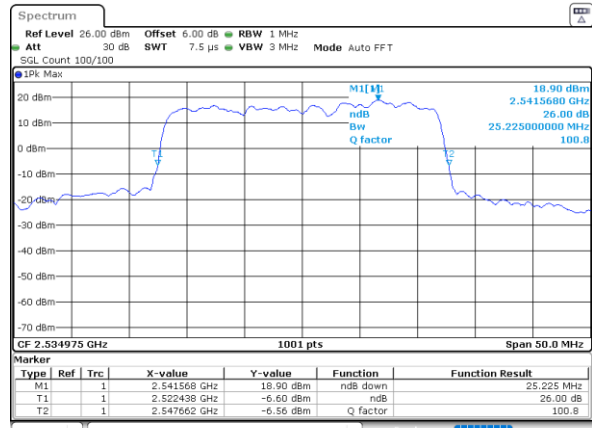
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 2.DEC.2024 14:57:12

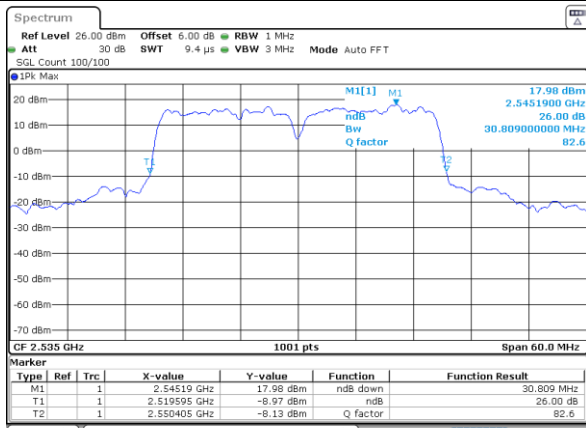
Middle Channel / 15MHz+10MHz / 16QAM



Date: 2.DEC.2024 14:57:40

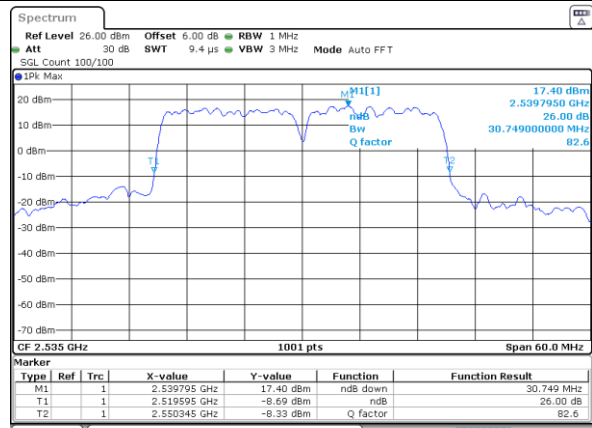
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 2.DEC.2024 15:28:55

Middle Channel / 15MHz+15MHz / 16QAM

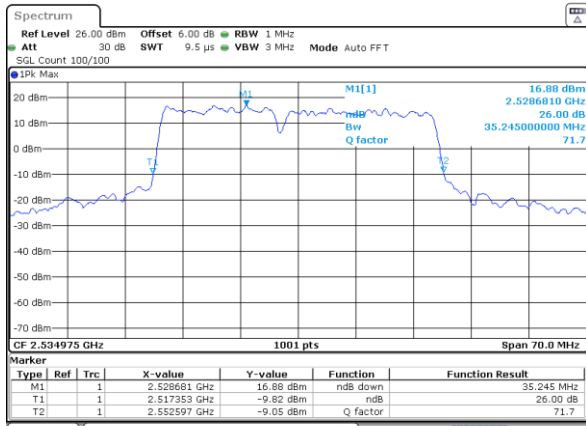


Date: 2.DEC.2024 15:29:23



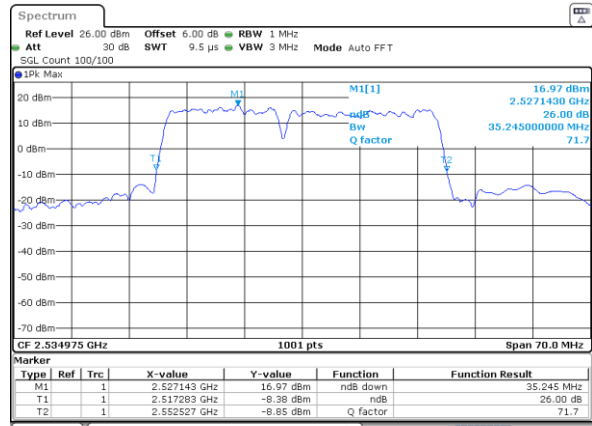
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 2.DEC.2024 16:00:36

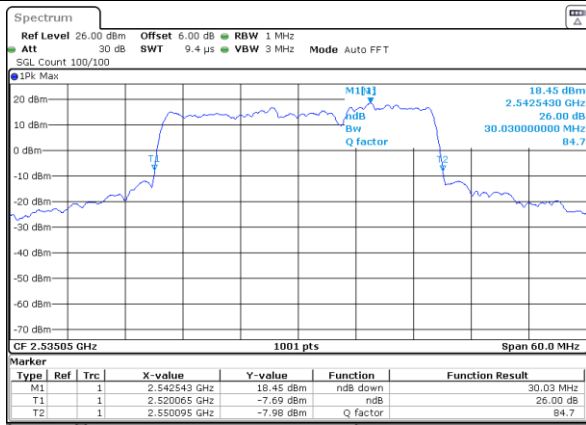
Middle Channel / 15MHz+20MHz / 16QAM



Date: 2.DEC.2024 16:01:04

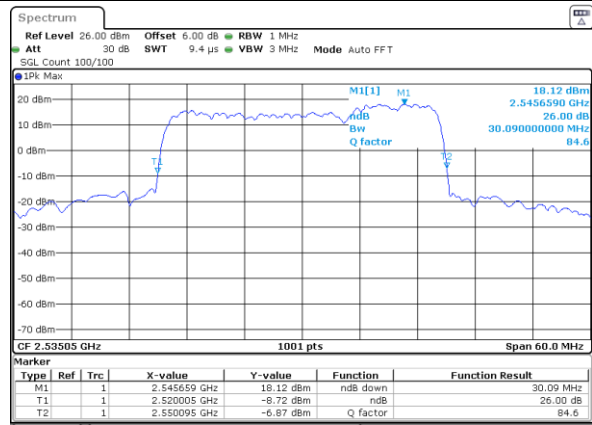
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 2.DEC.2024 17:11:06

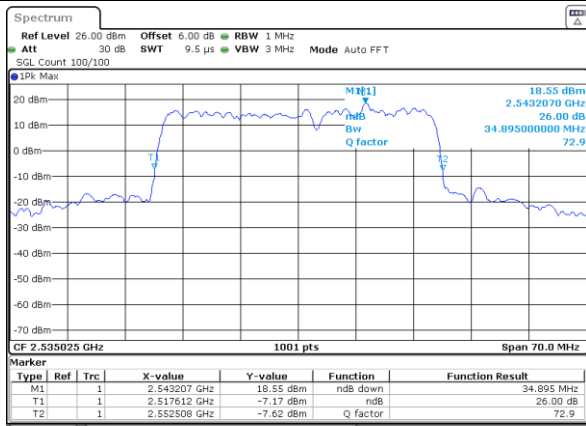
Middle Channel / 20MHz+10MHz / 16QAM



Date: 2.DEC.2024 17:11:34

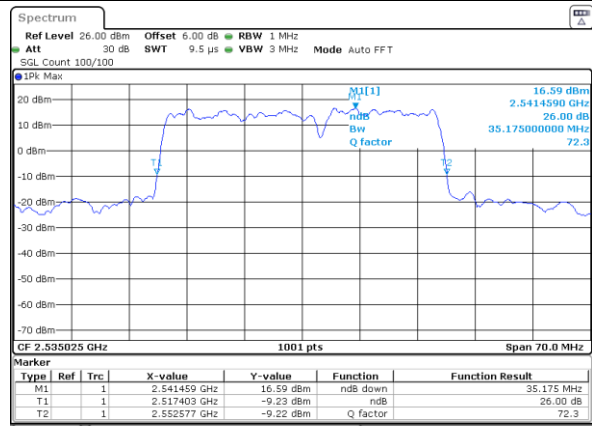
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 2.DEC.2024 17:37:15

Middle Channel / 20MHz+15MHz / 16QAM

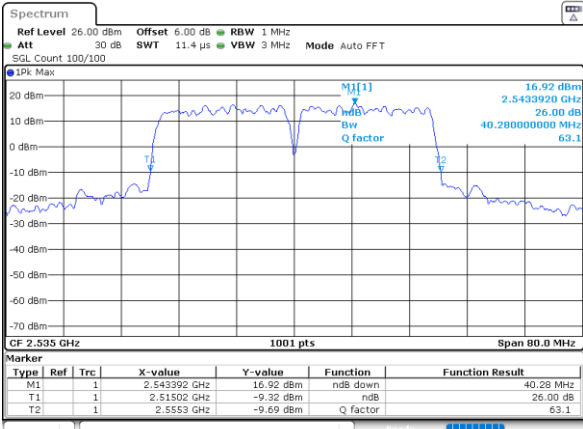


Date: 2.DEC.2024 17:37:43



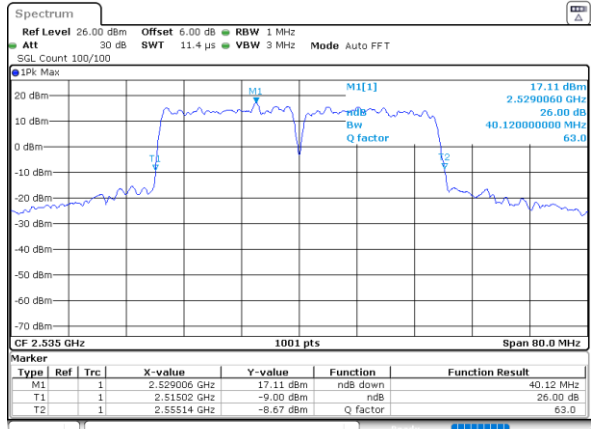
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 2,DEC,2024 18:03:30

Middle Channel / 20MHz+20MHz / 16QAM



Date: 2,DEC,2024 18:03:58



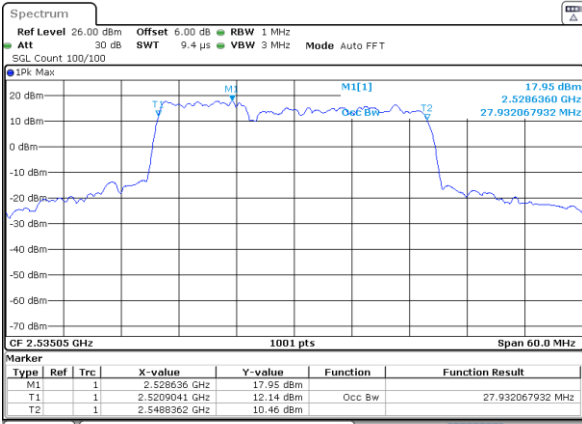
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.93	28.11
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.63	23.58
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.65	28.89
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	32.87
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	28.11
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.80
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.96	37.80



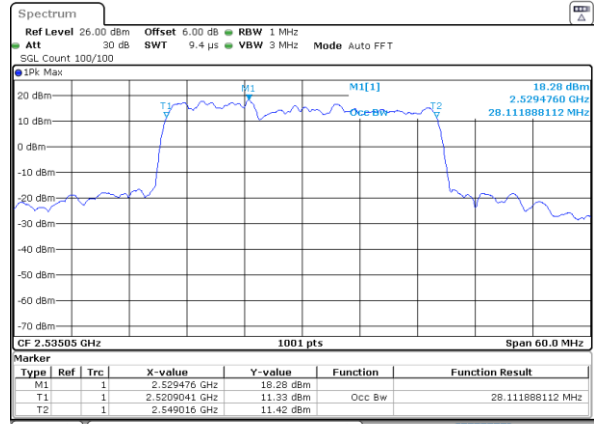
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 2.DEC.2024 14:28:34

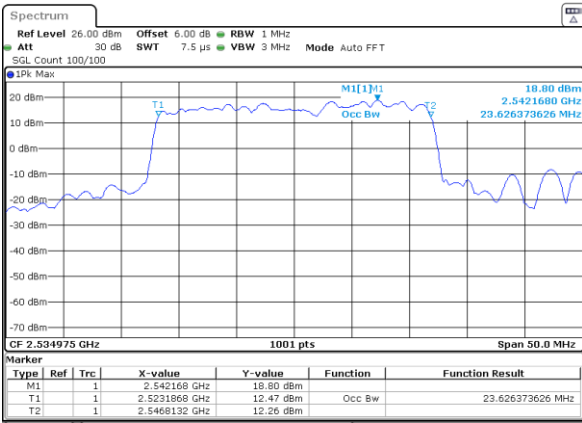
Middle Channel / 10MHz+20MHz / 16QAM



Date: 2.DEC.2024 14:29:57

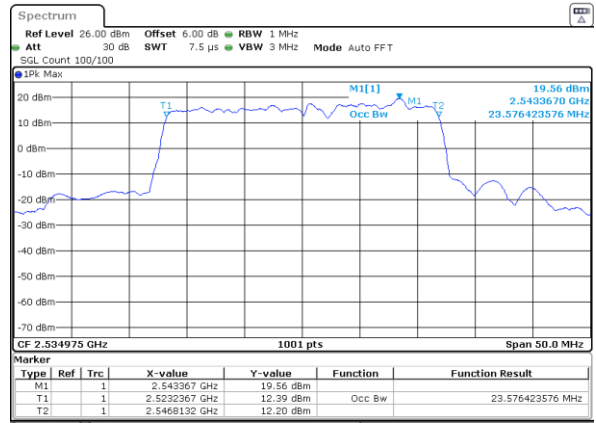
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 2.DEC.2024 14:56:45

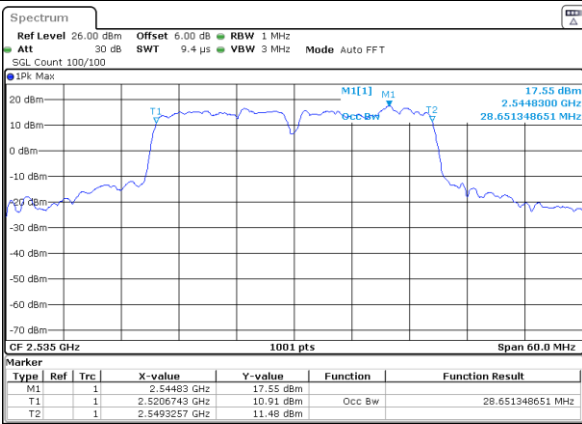
Middle Channel / 15MHz+10MHz / 16QAM



Date: 2.DEC.2024 14:58:08

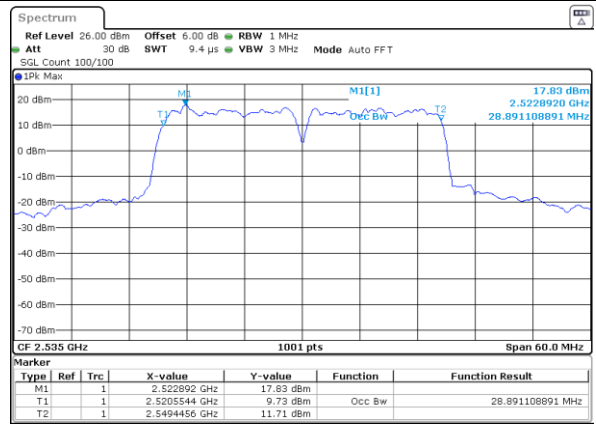
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 2.DEC.2024 15:28:28

Middle Channel / 15MHz+15MHz / 16QAM

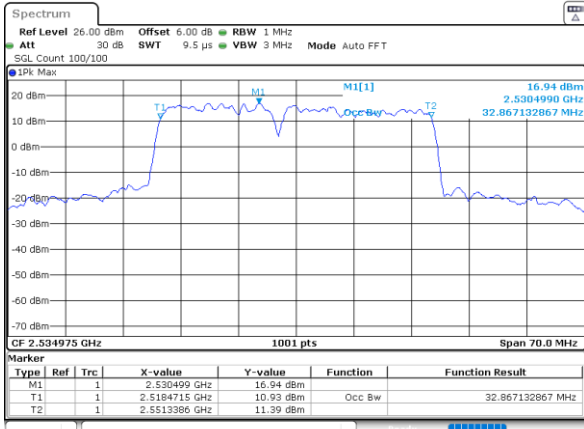


Date: 2.DEC.2024 15:29:51



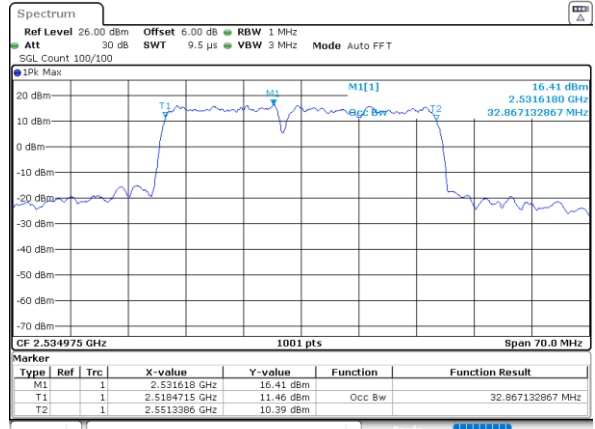
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 2.DEC.2024 16:10:09

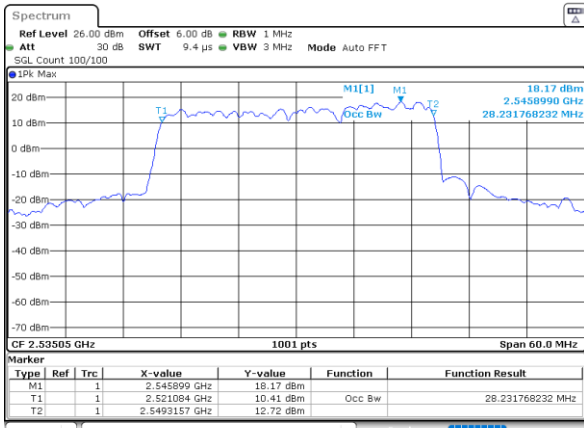
Middle Channel / 15MHz+20MHz / 16QAM



Date: 2.DEC.2024 16:01:32

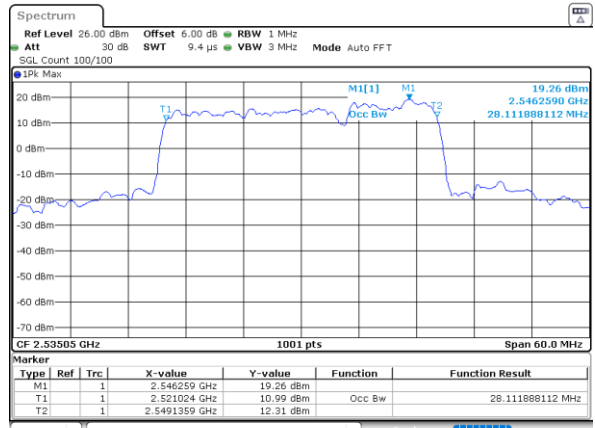
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 2.DEC.2024 17:10:39

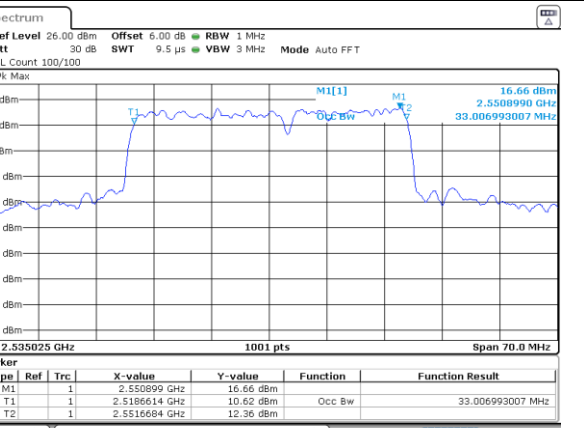
Middle Channel / 20MHz+10MHz / 16QAM



Date: 2.DEC.2024 17:12:02

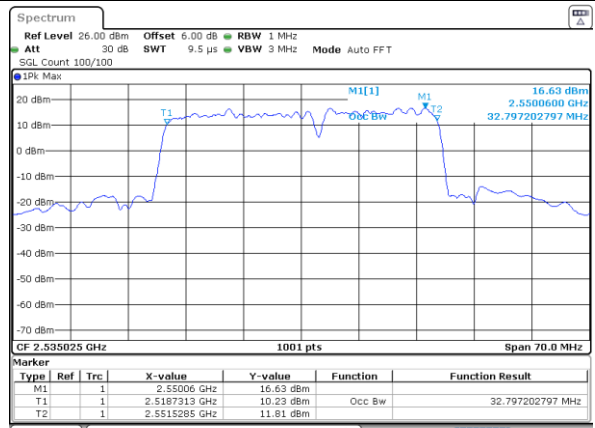
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 2.DEC.2024 17:36:49

Middle Channel / 20MHz+15MHz / 16QAM

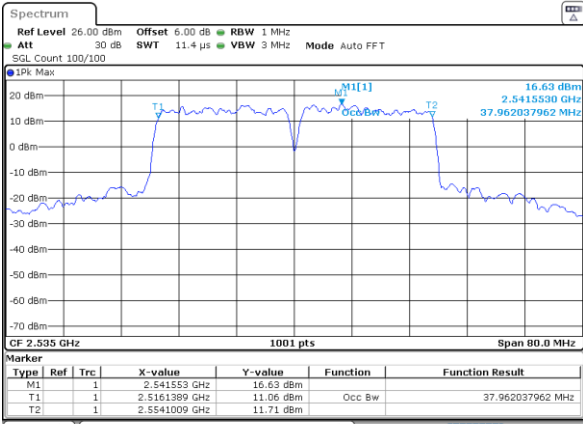


Date: 2.DEC.2024 17:38:11



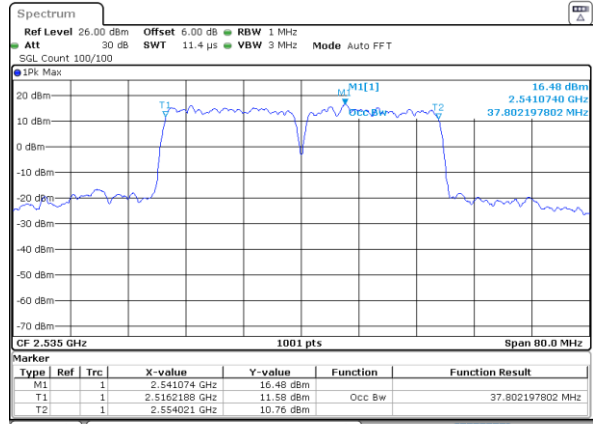
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 2,DEC,2024 18:03:03

Middle Channel / 20MHz+20MHz / 16QAM



Date: 2,DEC,2024 18:04:26

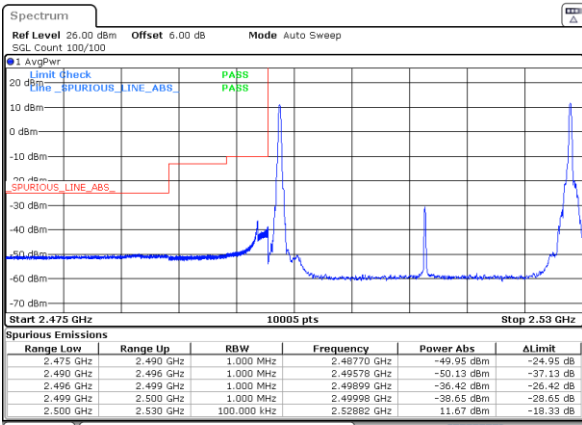


# Conducted Band Edge

## LTE Band 7 / 10MHz+20MHz

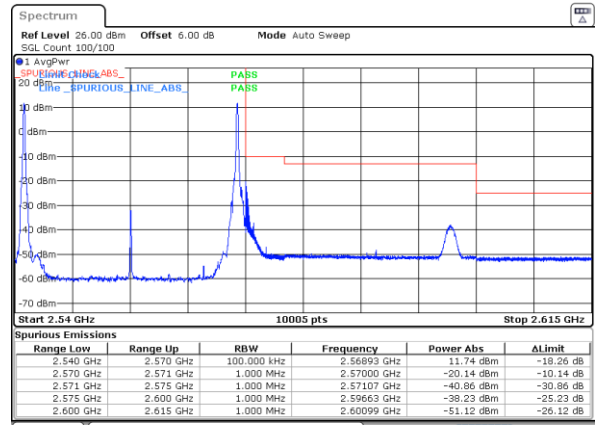
### QPSK

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



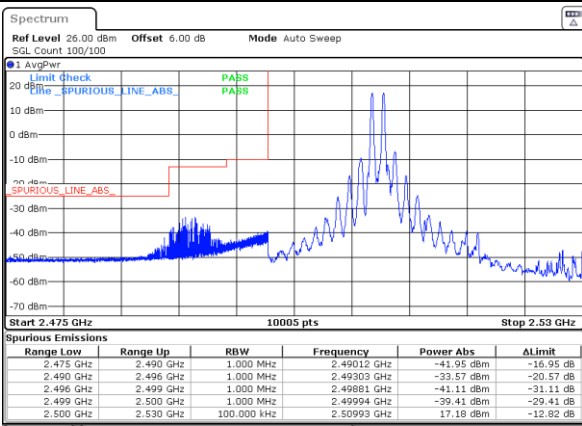
Date: 2, DEC, 2024 14:04:13

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



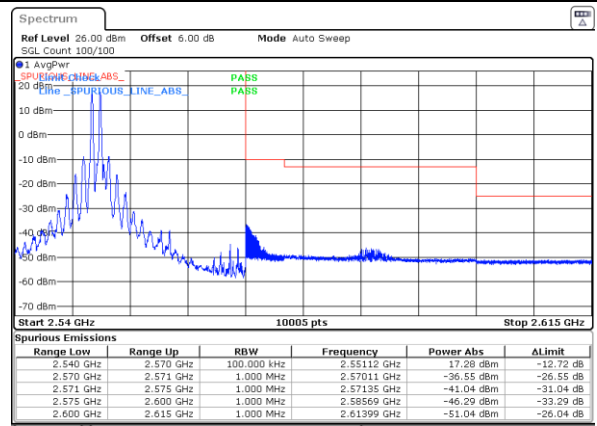
Date: 2, DEC, 2024 14:18:09

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

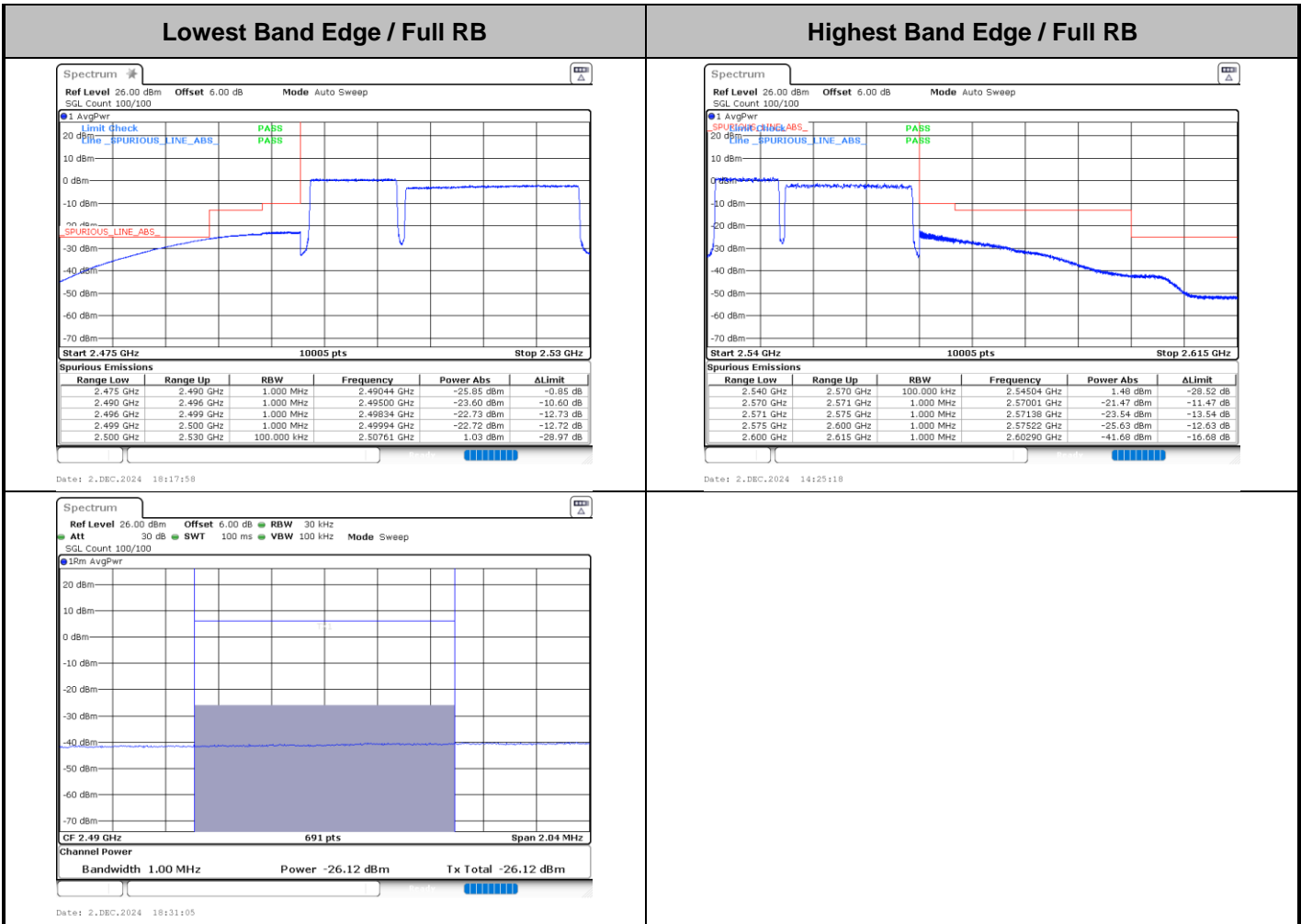


Date: 2, DEC, 2024 14:07:49

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



Date: 2, DEC, 2024 14:21:42

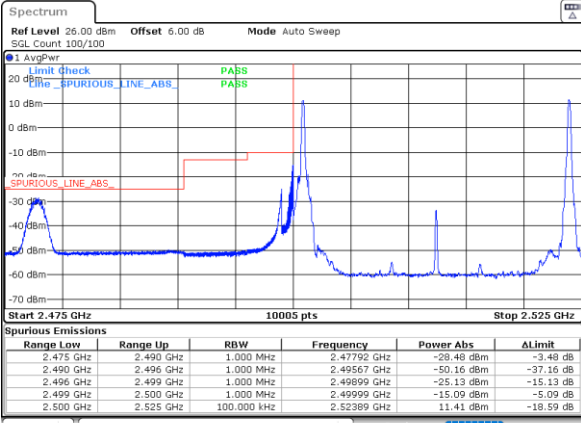




LTE Band 7 / 15MHz+10MHz

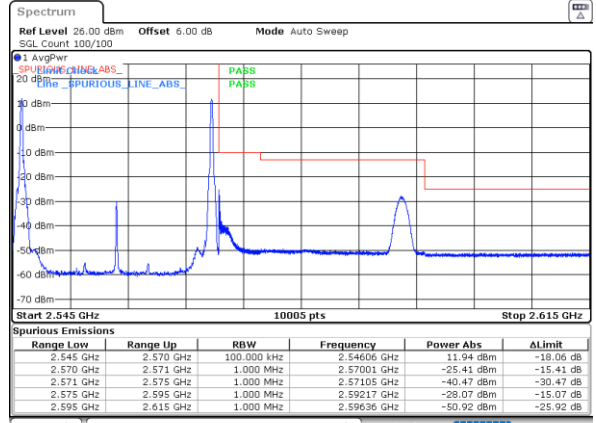
QPSK

Lowest Band Edge / 1RB0 and 1RB49



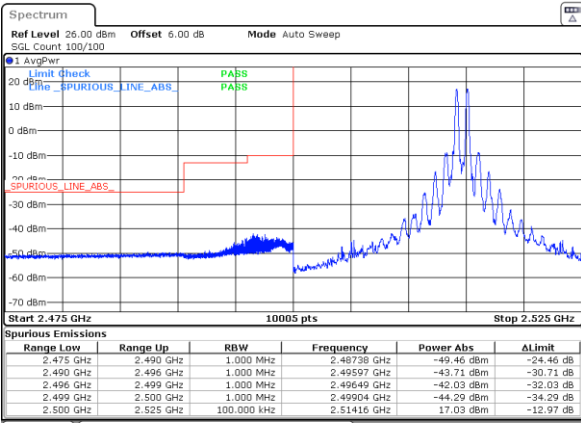
Date: 2, DEC, 2024 14:32:26

Highest Band Edge / 1RB0 and 1RB49



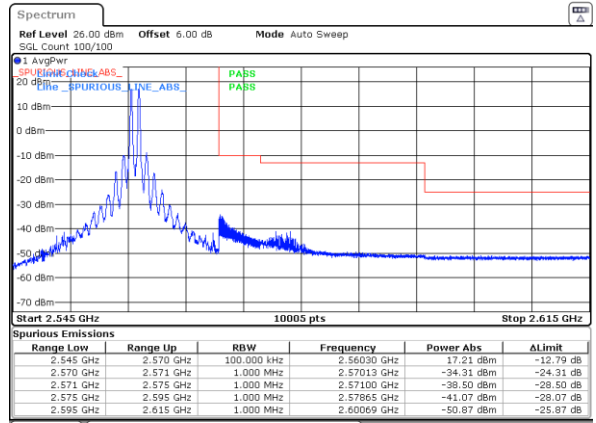
Date: 2, DEC, 2024 14:46:24

Lowest Band Edge / 1RB74 and 1RB0



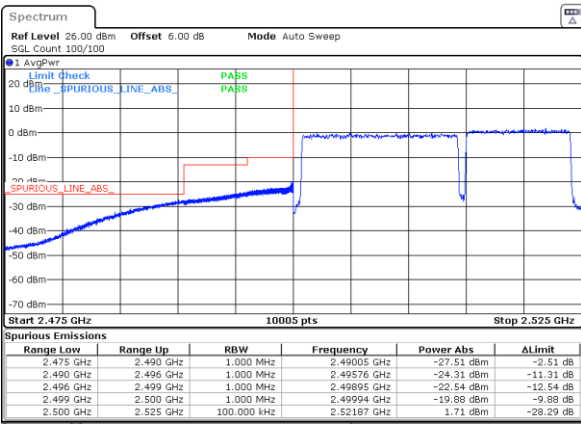
Date: 2, DEC, 2024 14:36:04

Highest Band Edge / 1RB74 and 1RB0



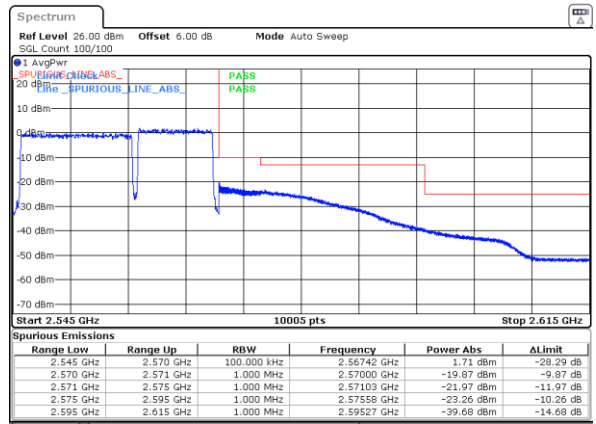
Date: 2, DEC, 2024 14:49:58

Lowest Band Edge / Full RB



Date: 2, DEC, 2024 14:39:41

Highest Band Edge / Full RB



Date: 2, DEC, 2024 14:53:32

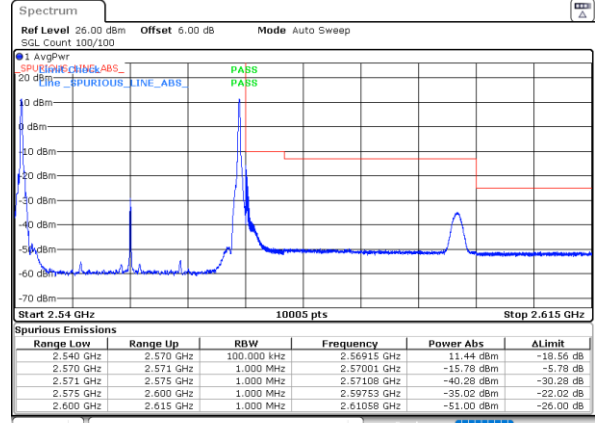
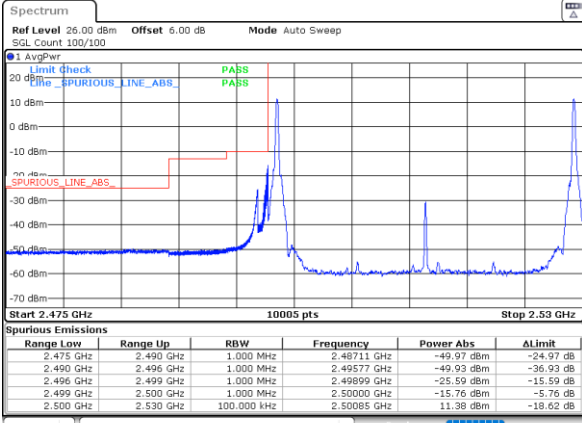


LTE Band 7 / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

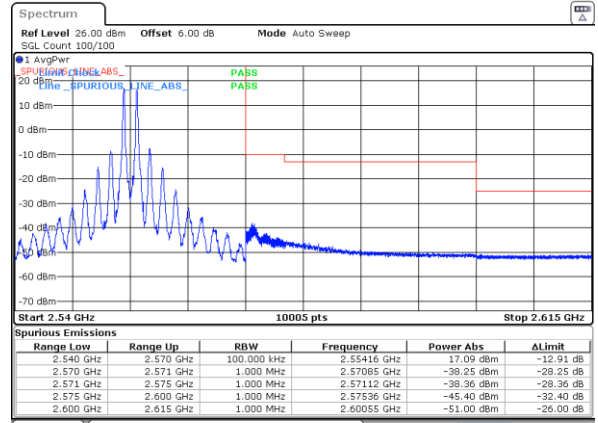
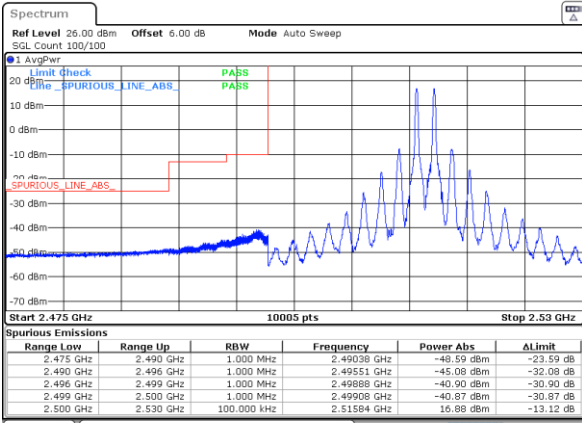


Date: 2, DEC, 2024 15:10:14

Date: 2, DEC, 2024 15:19:02

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

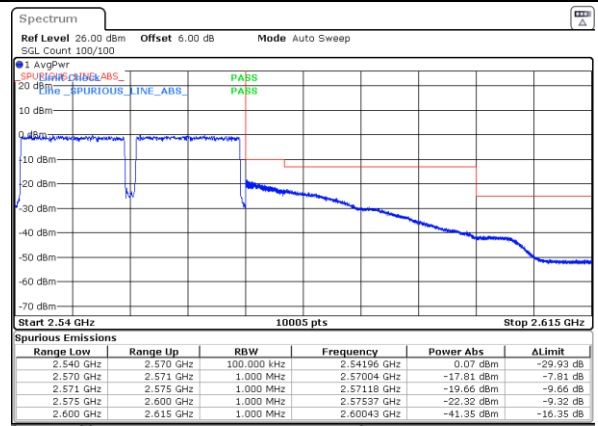
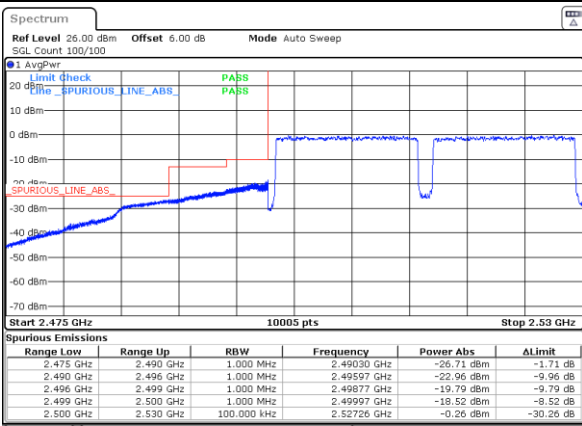


Date: 2, DEC, 2024 15:07:42

Date: 2, DEC, 2024 15:21:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 15:11:18

Date: 2, DEC, 2024 15:25:11

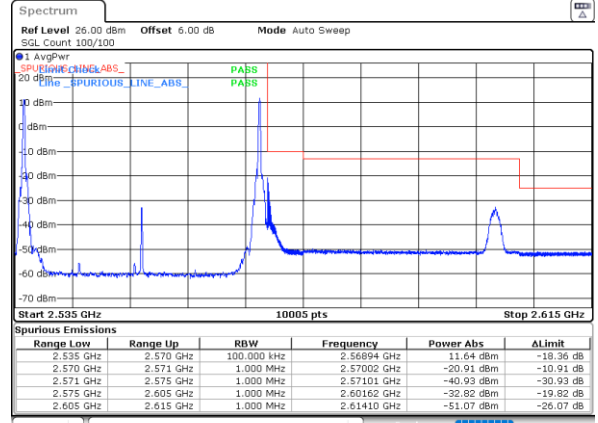
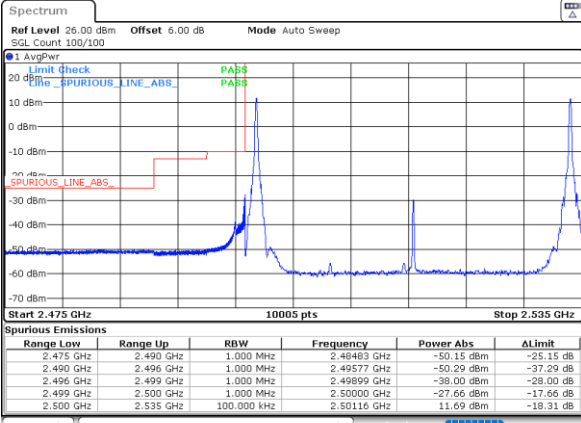


LTE Band 7 / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

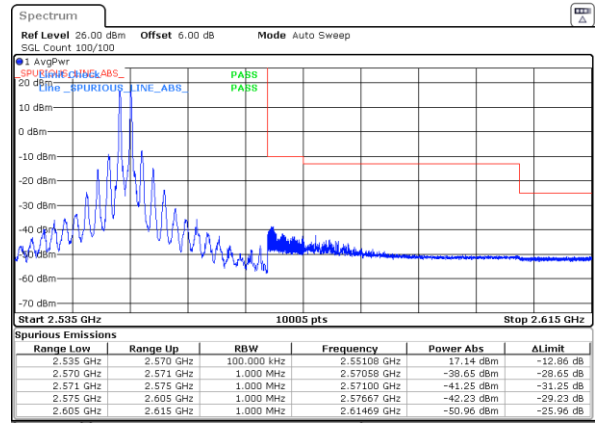
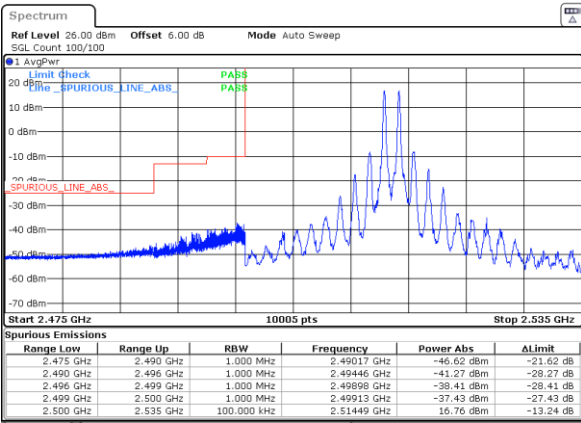


Date: 2, DEC, 2024 15:35:40

Date: 2, DEC, 2024 15:49:41

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

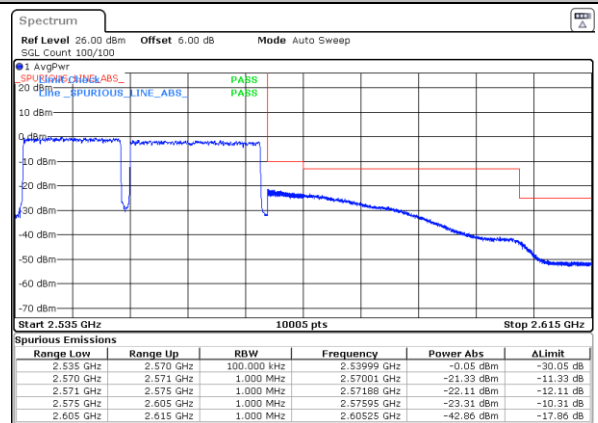
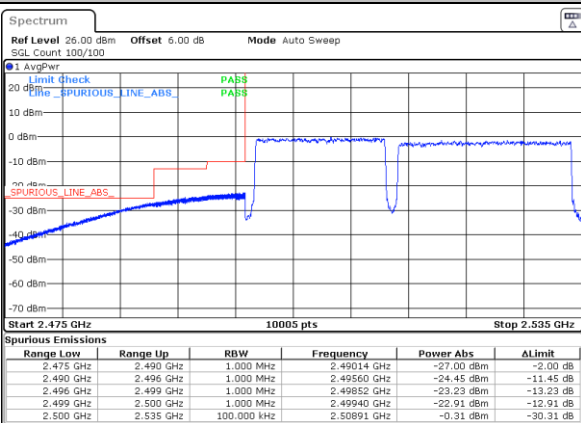


Date: 2, DEC, 2024 15:39:15

Date: 2, DEC, 2024 15:53:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 15:42:52

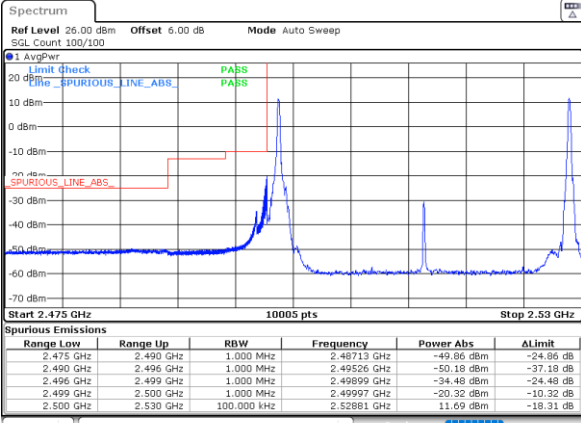
Date: 2, DEC, 2024 15:56:53



LTE Band 7 / 20MHz+10MHz

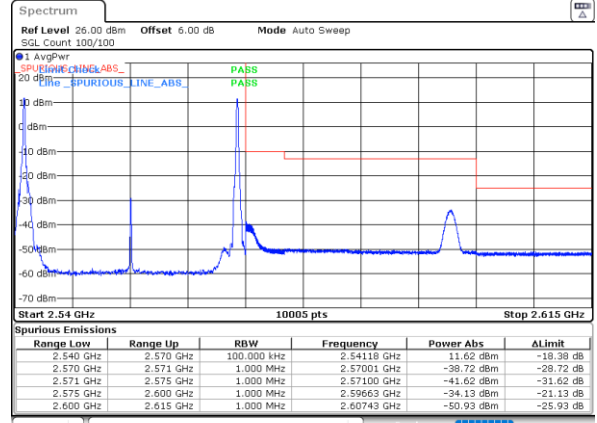
QPSK

Lowest Band Edge / 1RB0 and 1RB74



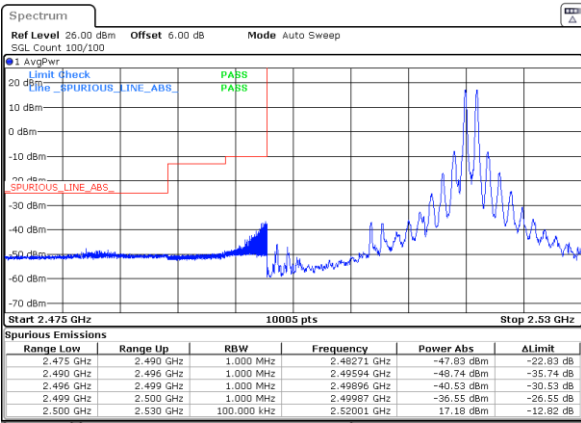
Date: 2, DEC, 2024 16:47:10

Highest Band Edge / 1RB0 and 1RB74



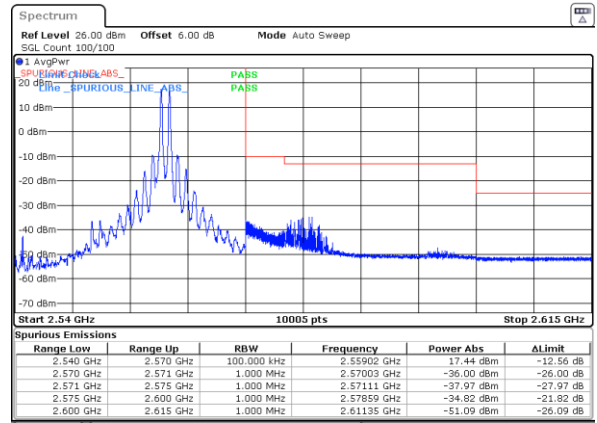
Date: 2, DEC, 2024 17:01:07

Lowest Band Edge / 1RB99 and 1RB0



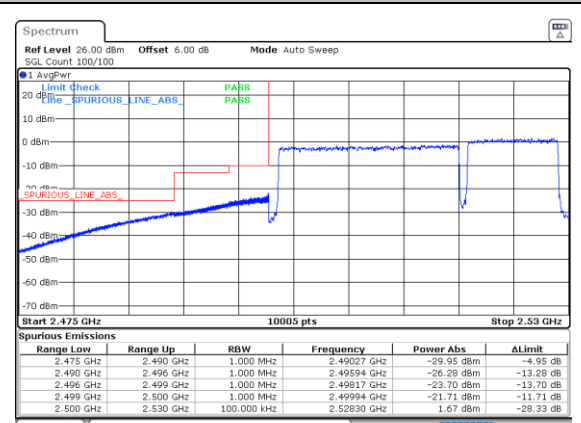
Date: 2, DEC, 2024 16:50:45

Highest Band Edge / 1RB99 and 1RB0



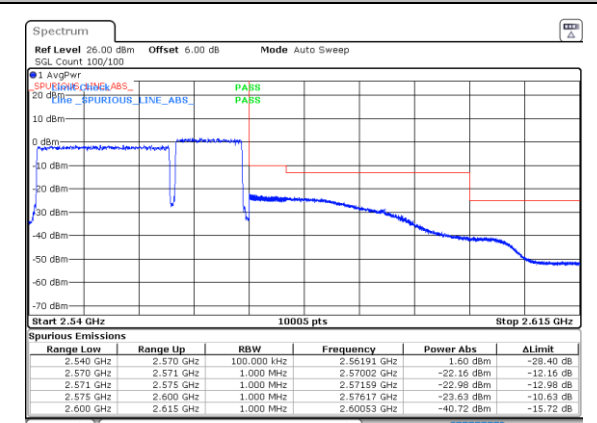
Date: 2, DEC, 2024 17:04:21

Lowest Band Edge / Full RB



Date: 2, DEC, 2024 16:54:50

Highest Band Edge / Full RB



Date: 2, DEC, 2024 17:01:07

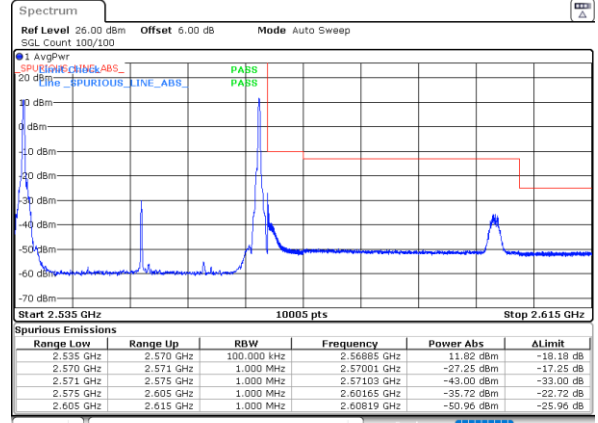
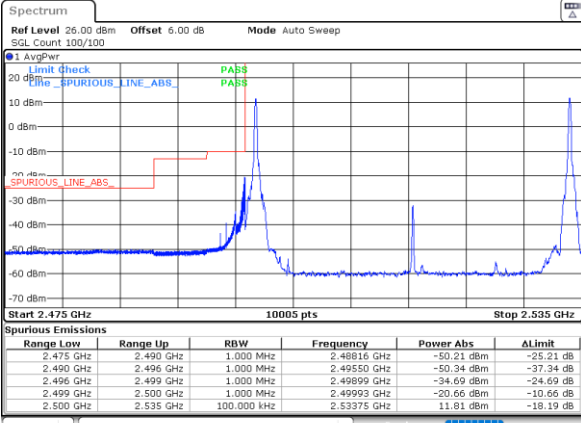


LTE Band 7 / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

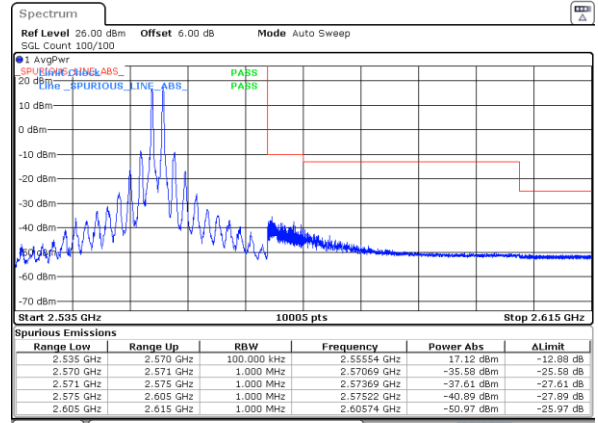
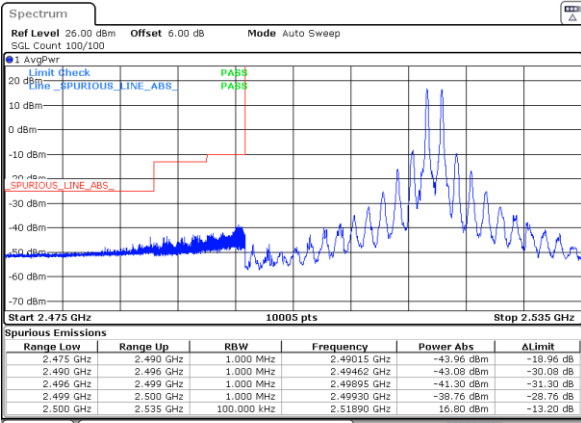


Date: 2, DEC, 2024 17:14:25

Date: 2, DEC, 2024 17:27:21

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

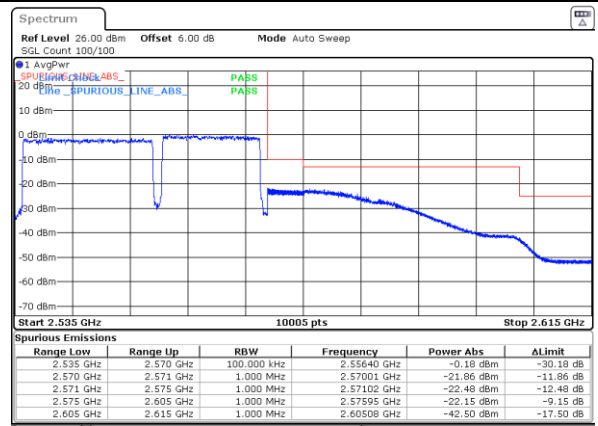
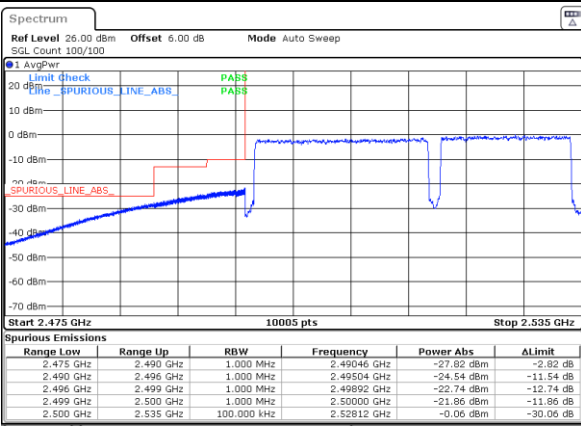


Date: 2, DEC, 2024 17:17:41

Date: 2, DEC, 2024 17:30:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 17:20:57

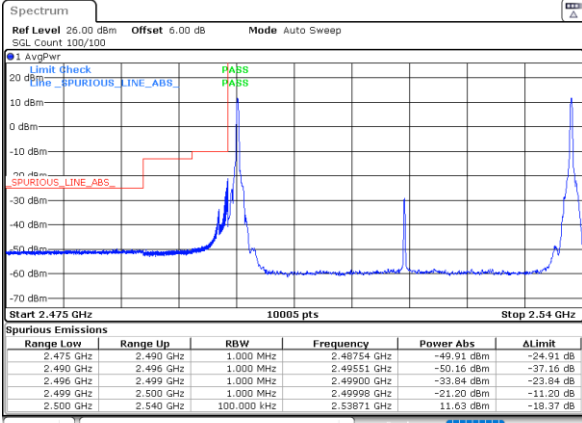
Date: 2, DEC, 2024 17:33:49



LTE Band 7 / 20MHz+20MHz

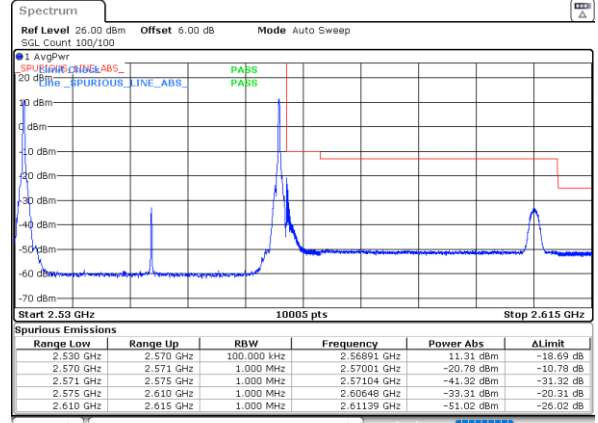
QPSK

Lowest Band Edge / 1RB0 and 1RB9



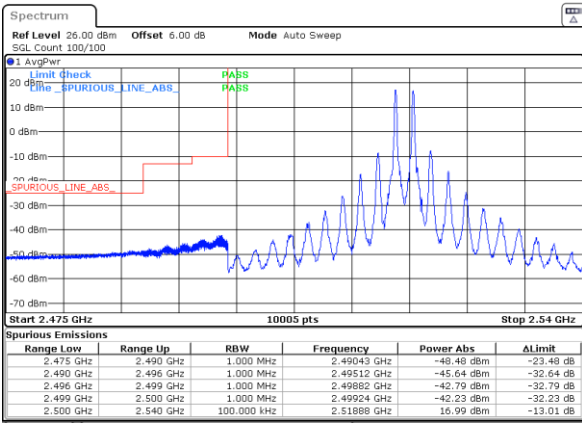
Date: 2, DEC, 2024 17:40:34

Highest Band Edge / 1RB0 and 1RB9



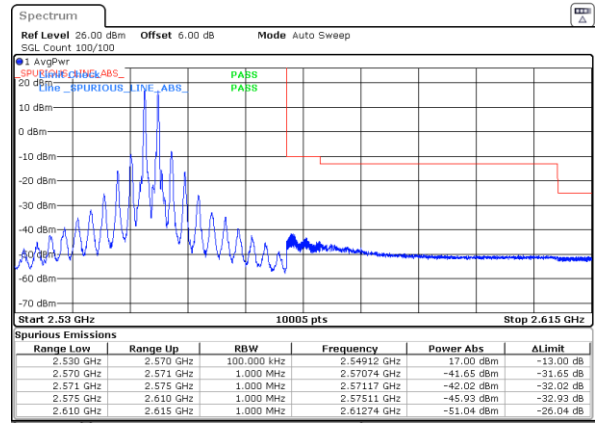
Date: 2, DEC, 2024 17:53:31

Lowest Band Edge / 1RB99 and 1RB0



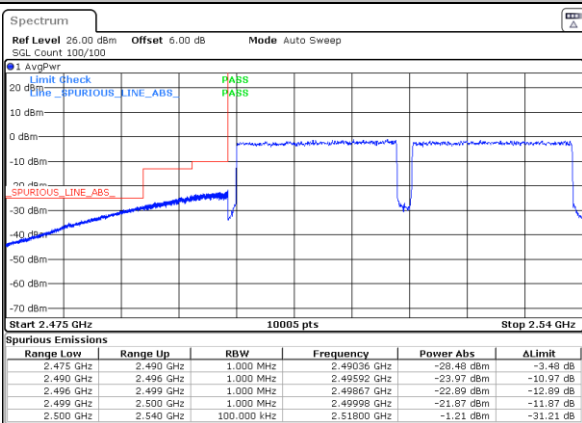
Date: 2, DEC, 2024 17:43:51

Highest Band Edge / 1RB99 and 1RB0



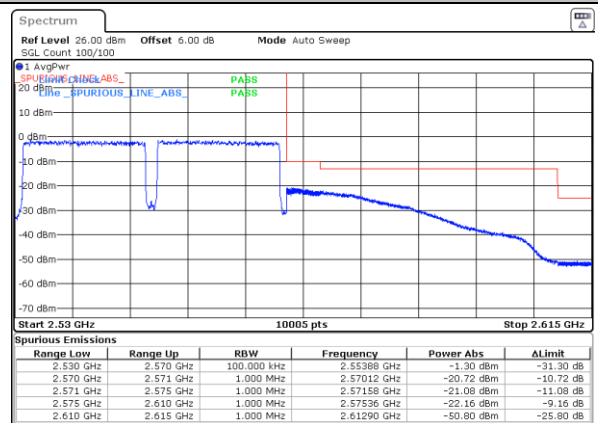
Date: 2, DEC, 2024 17:53:47

Lowest Band Edge / Full RB



Date: 2, DEC, 2024 17:47:07

Highest Band Edge / Full RB



Date: 2, DEC, 2024 18:00:02

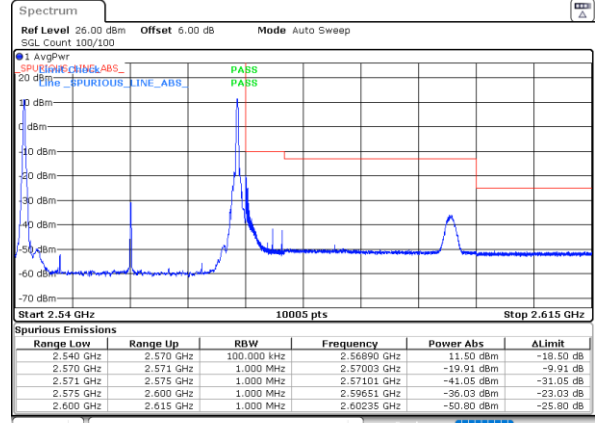
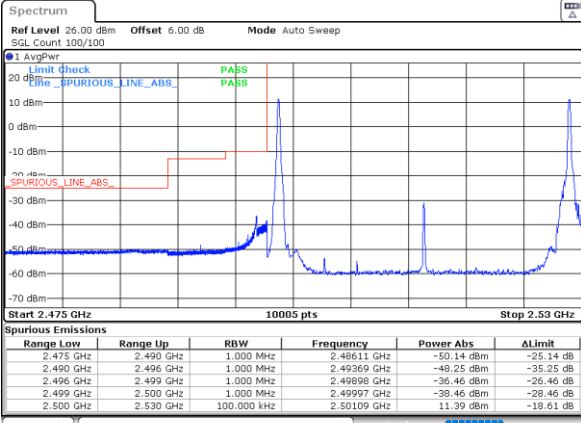


LTE Band 7 / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

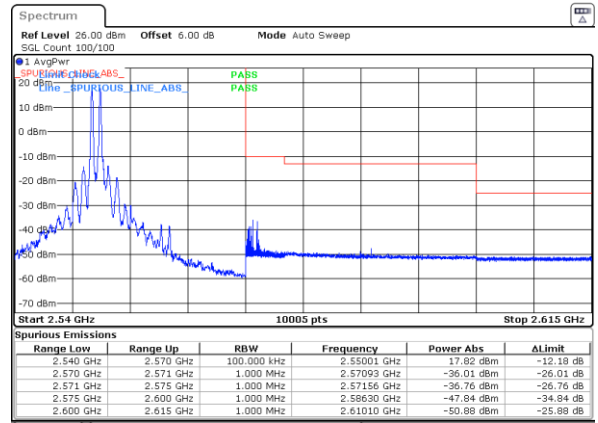
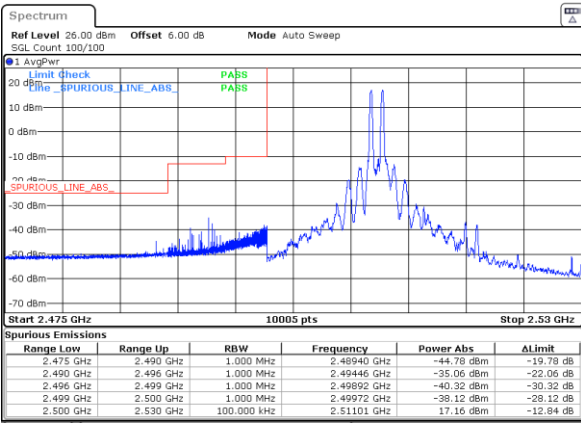


Date: 2, DEC, 2024 14:05:06

Date: 2, DEC, 2024 14:19:03

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

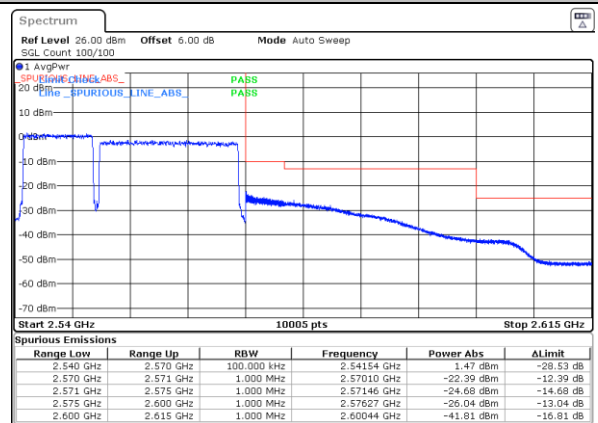
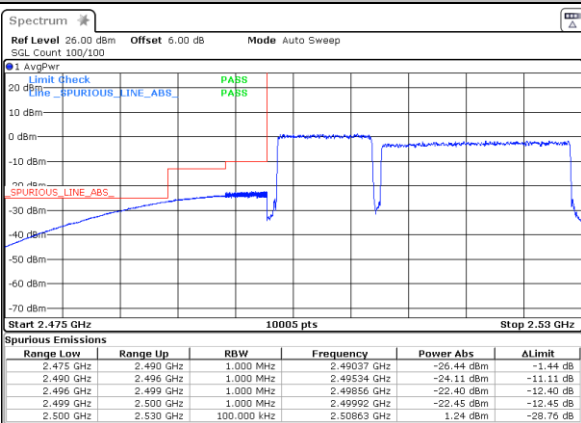


Date: 2, DEC, 2024 14:08:42

Date: 2, DEC, 2024 14:22:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 18:21:45

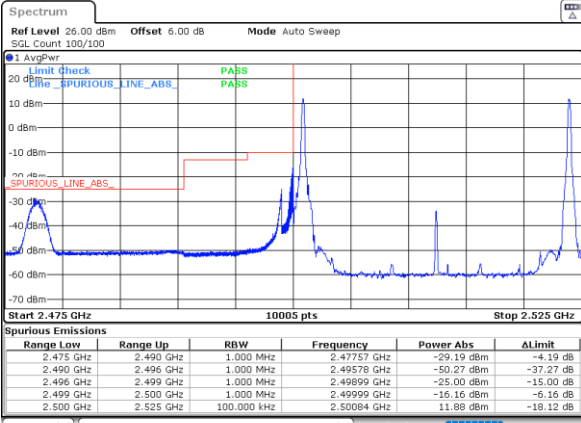
Date: 2, DEC, 2024 14:26:11



LTE Band 7 / 15MHz+10MHz

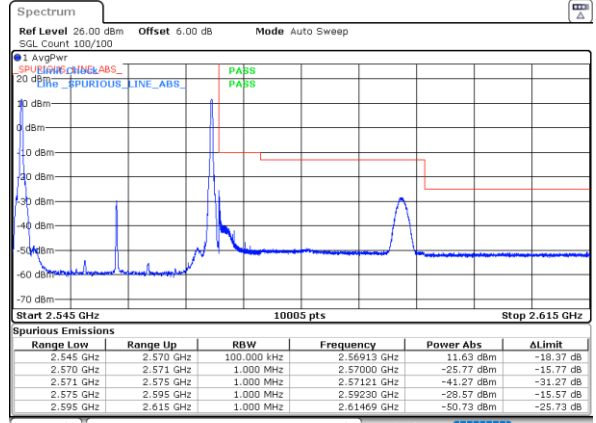
16QAM

Lowest Band Edge / 1RB0 and 1RB49



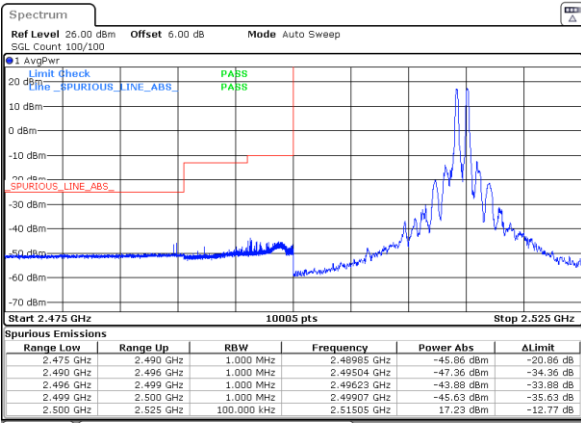
Date: 2, DEC, 2024 14:33:20

Highest Band Edge / 1RB0 and 1RB49



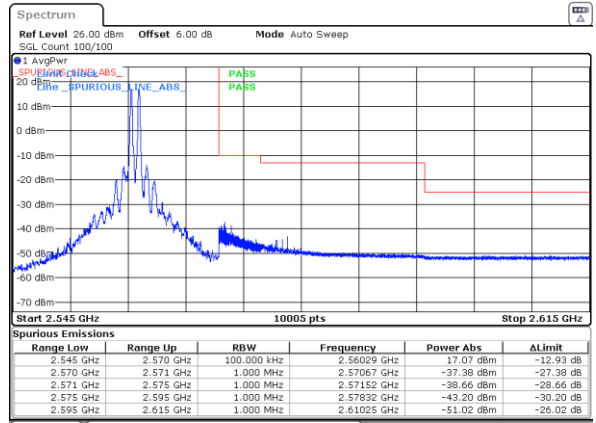
Date: 2, DEC, 2024 14:47:17

Lowest Band Edge / 1RB74 and 1RB0



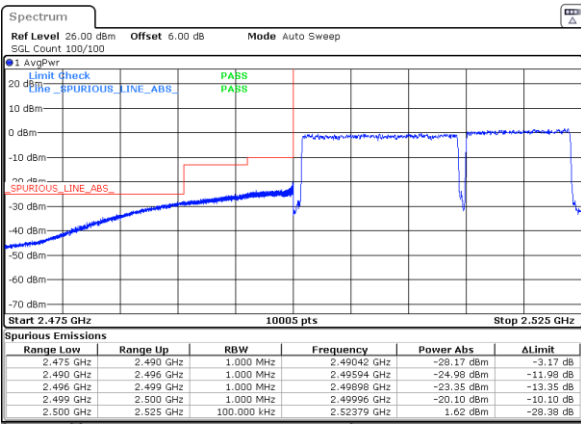
Date: 2, DEC, 2024 14:36:58

Highest Band Edge / 1RB74 and 1RB0



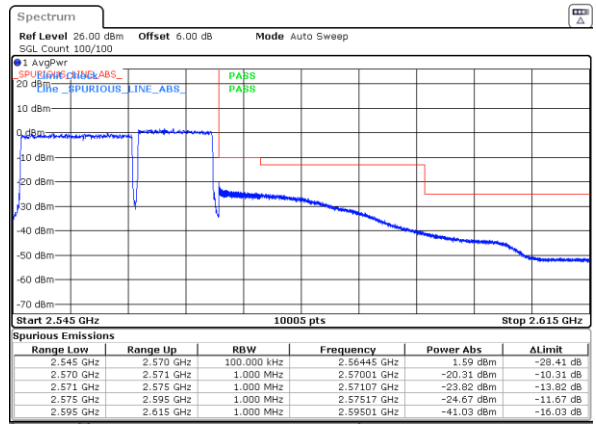
Date: 2, DEC, 2024 14:50:51

Lowest Band Edge / Full RB



Date: 2, DEC, 2024 14:40:35

Highest Band Edge / Full RB



Date: 2, DEC, 2024 14:54:24

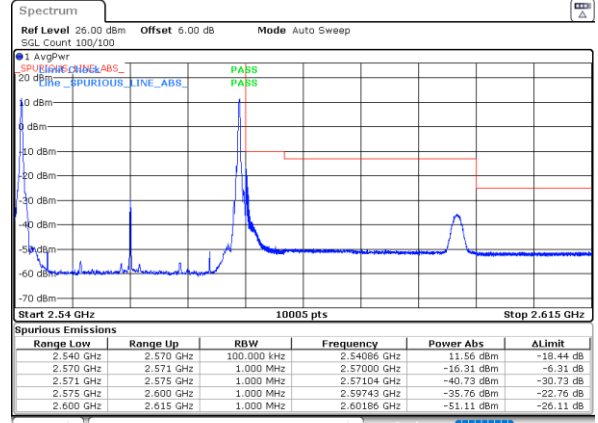
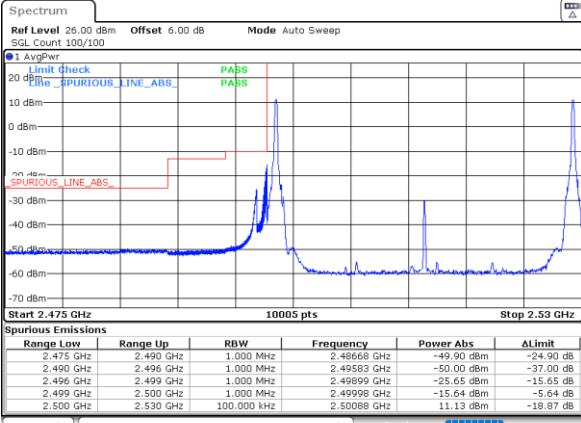


LTE Band 7 / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

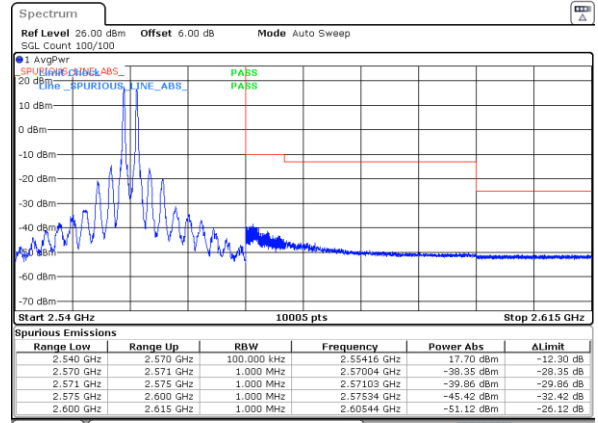
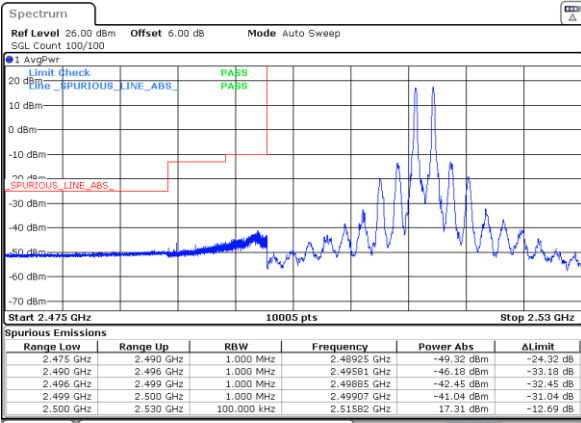


Date: 2, DEC, 2024 15:10:158

Date: 2, DEC, 2024 15:19:55

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

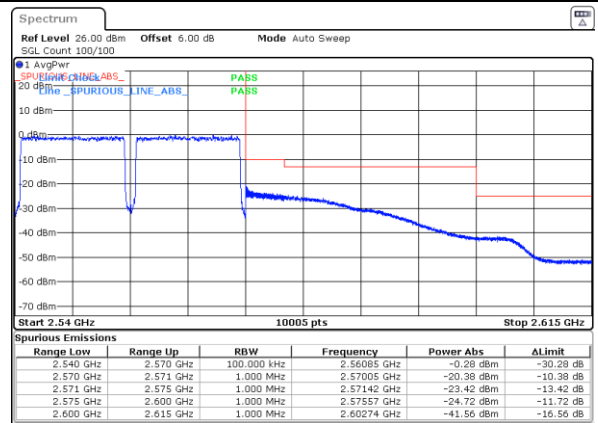
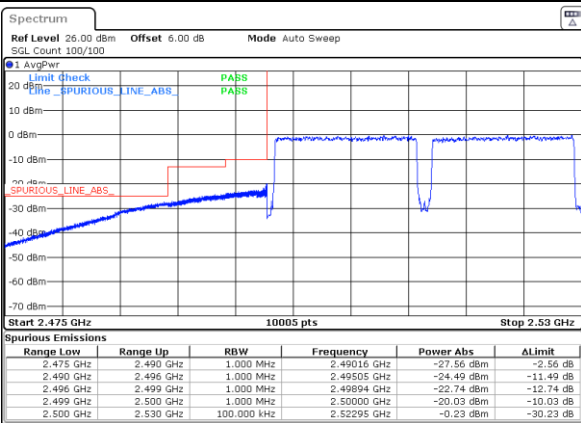


Date: 2, DEC, 2024 15:10:836

Date: 2, DEC, 2024 15:22:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 15:12:111

Date: 2, DEC, 2024 15:26:05

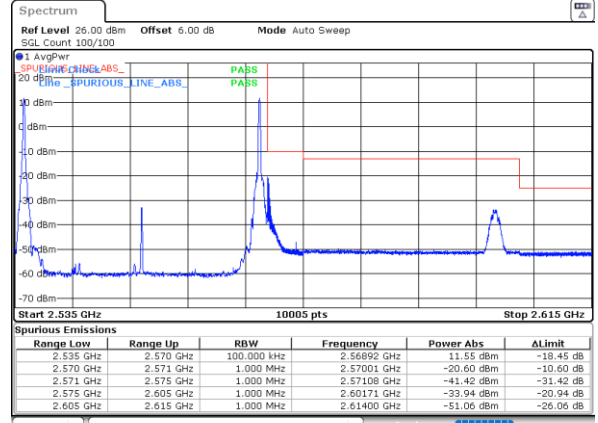
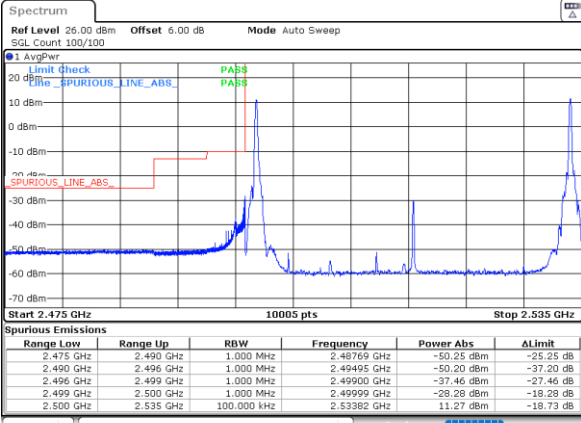


LTE Band 7 / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

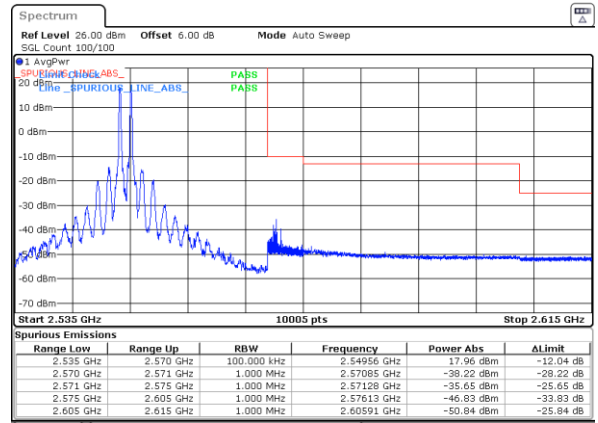
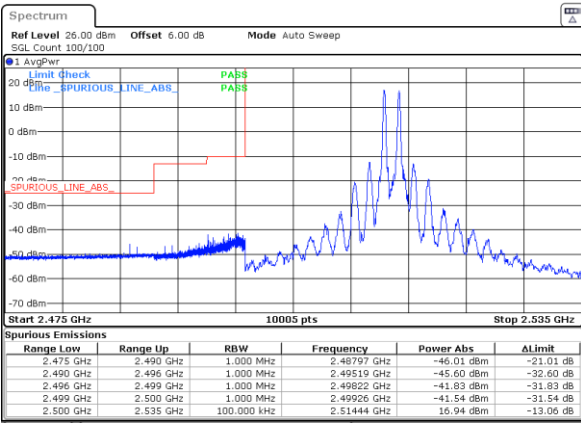


Date: 2, DEC, 2024 15:36:14

Date: 2, DEC, 2024 15:50:33

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

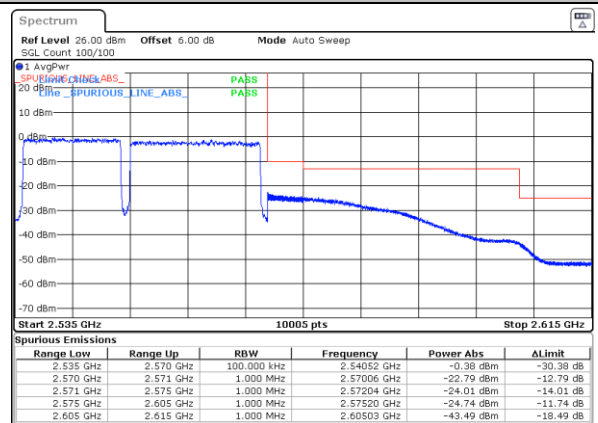
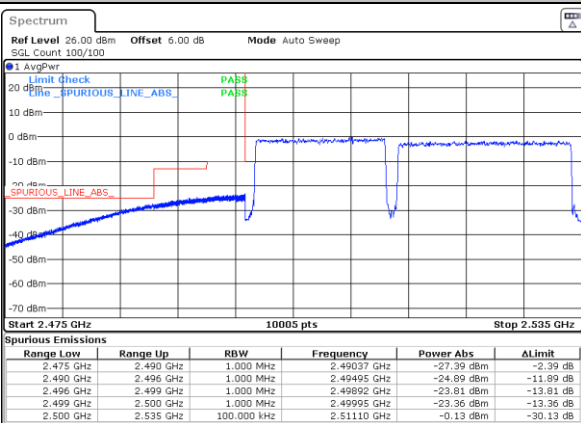


Date: 2, DEC, 2024 15:40:09

Date: 2, DEC, 2024 15:54:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 15:43:47

Date: 2, DEC, 2024 15:57:45

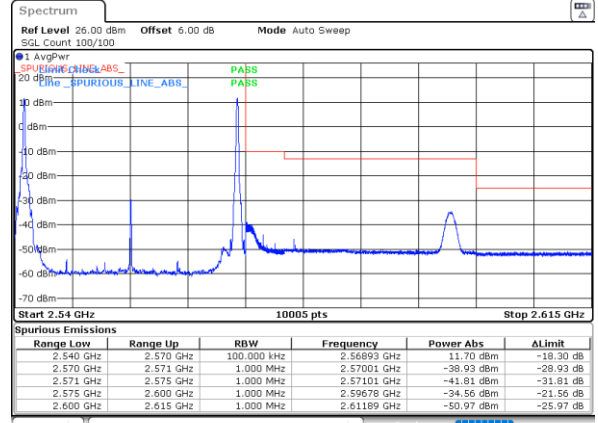
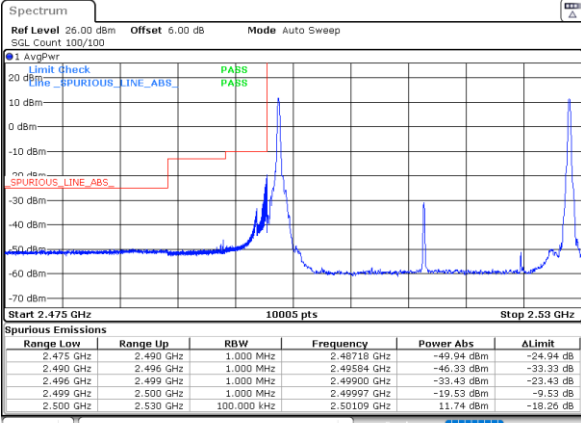


LTE Band 7 / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

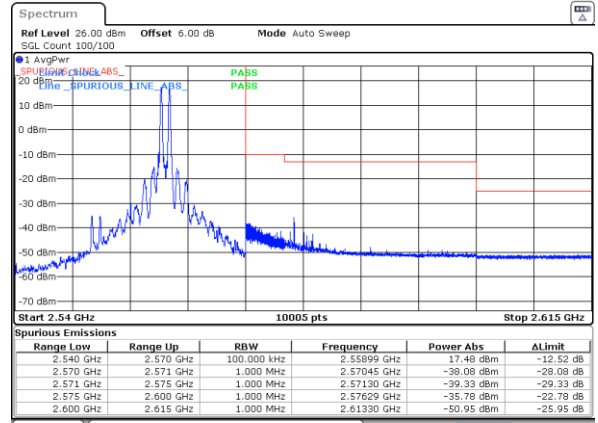
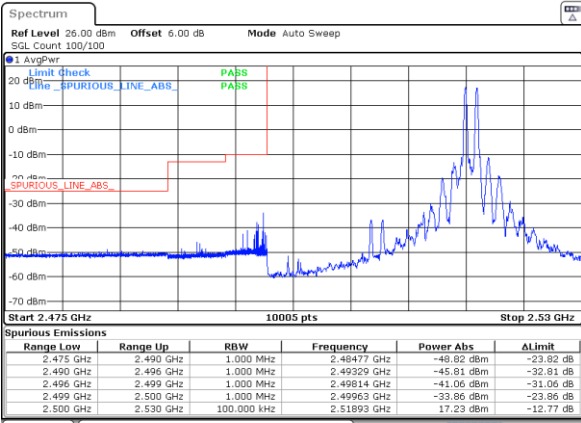


Date: 2, DEC, 2024 16:48:03

Date: 2, DEC, 2024 17:01:54

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

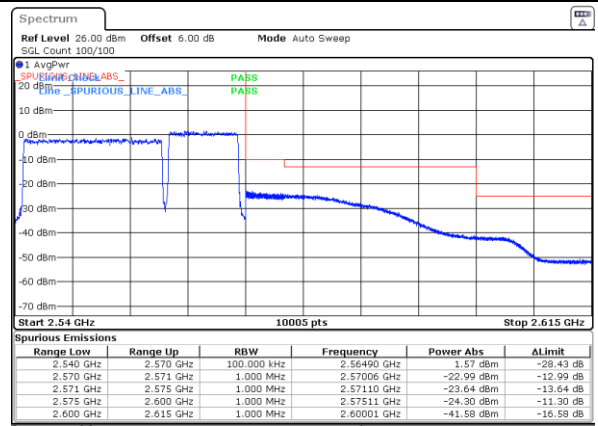
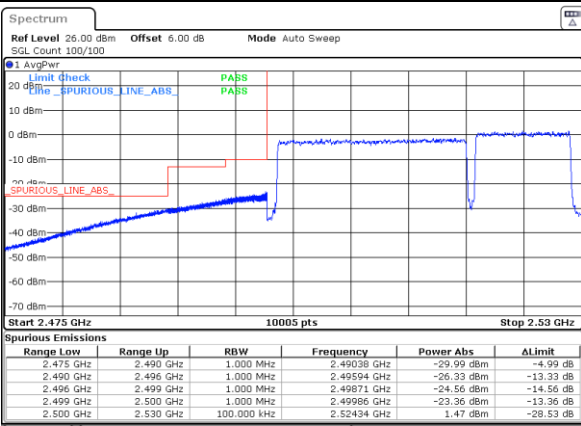


Date: 2, DEC, 2024 16:51:39

Date: 2, DEC, 2024 17:05:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 16:55:16

Date: 2, DEC, 2024 17:08:27

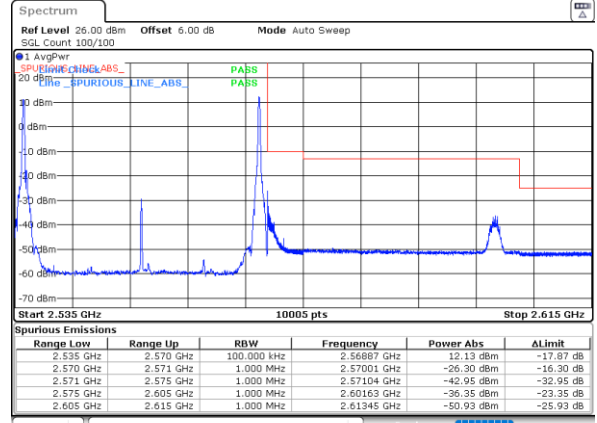
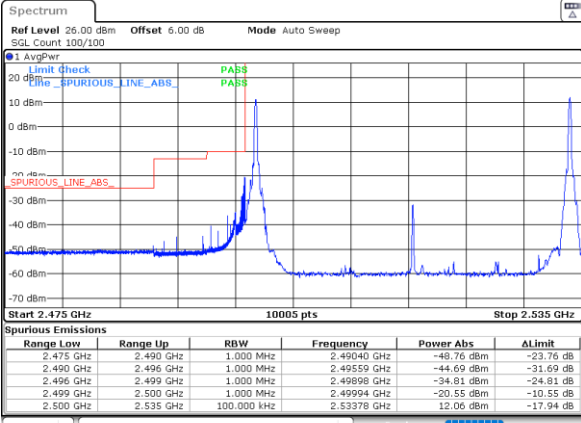


LTE Band 7 / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

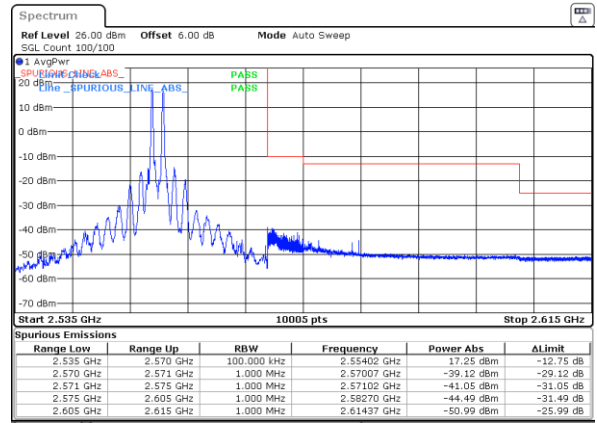
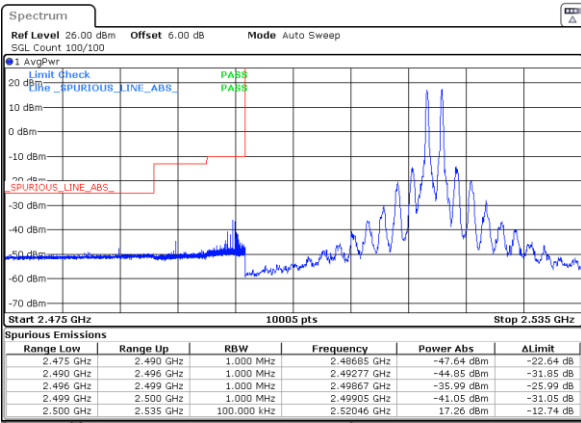


Date: 2, DEC, 2024 17:15:15

Date: 2, DEC, 2024 17:28:09

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

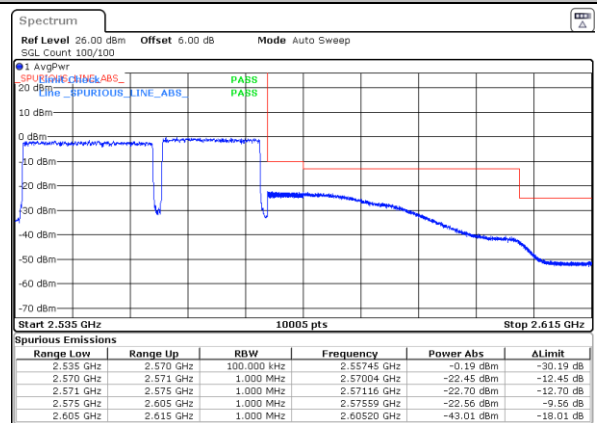
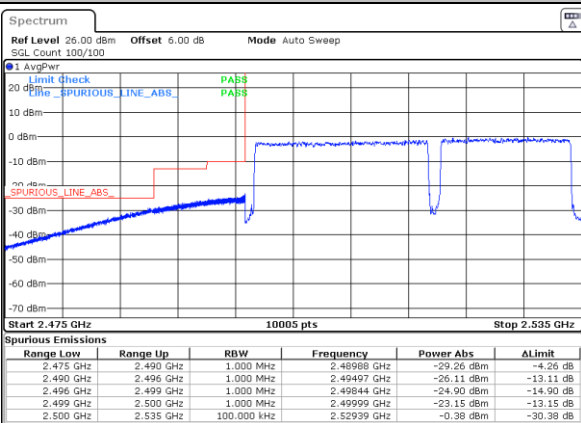


Date: 2, DEC, 2024 17:18:29

Date: 2, DEC, 2024 17:31:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 17:21:46

Date: 2, DEC, 2024 17:34:39

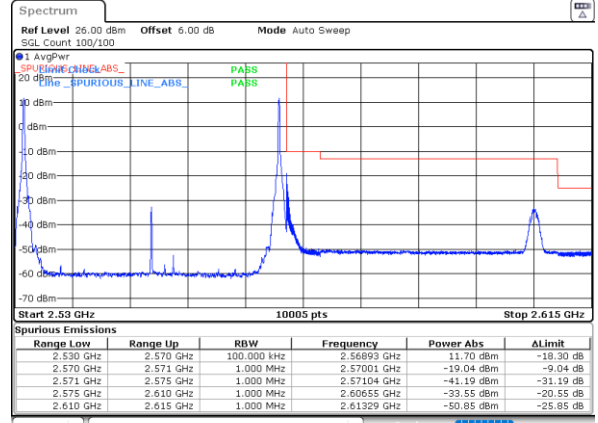
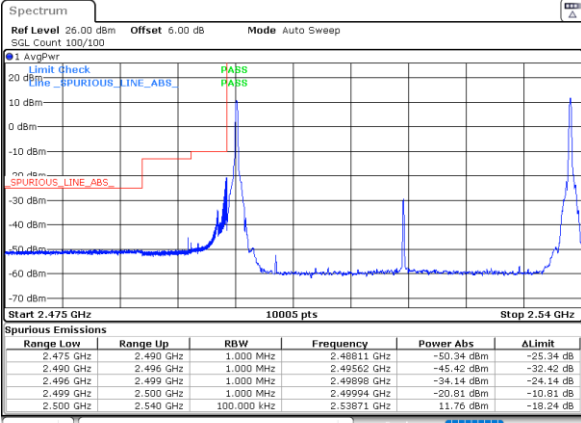


LTE Band 7 / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

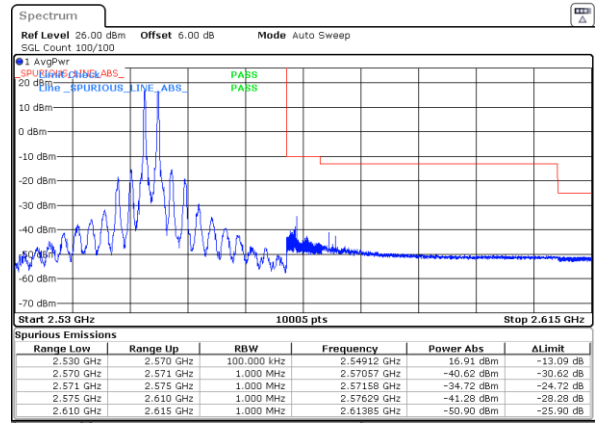
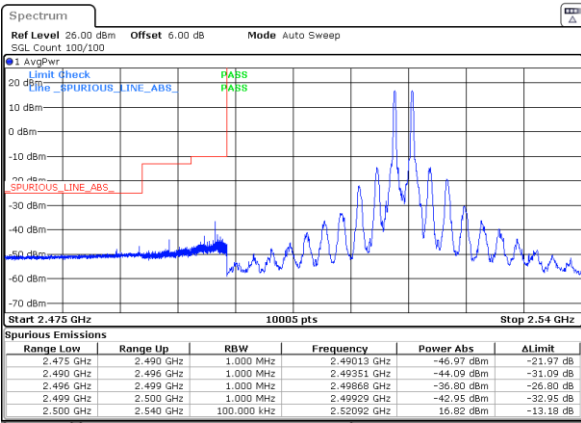


Date: 2, DEC, 2024 17:41:24

Date: 2, DEC, 2024 17:54:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

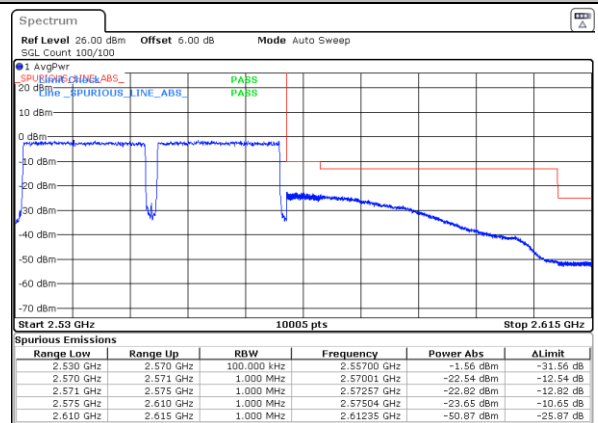
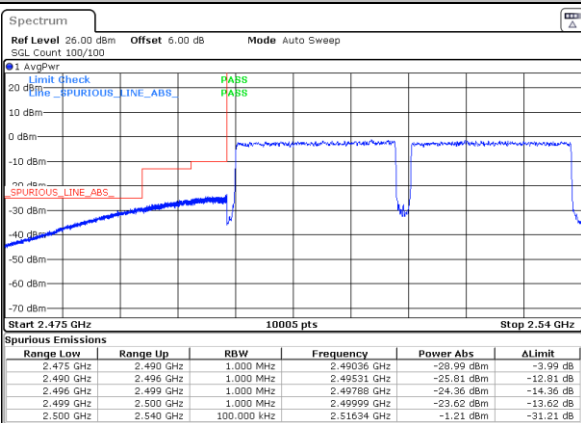


Date: 2, DEC, 2024 17:44:41

Date: 2, DEC, 2024 17:57:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 17:47:56

Date: 2, DEC, 2024 18:00:50