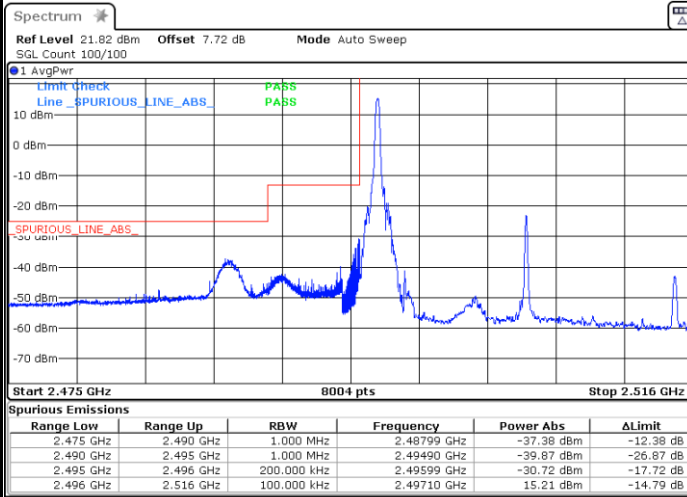




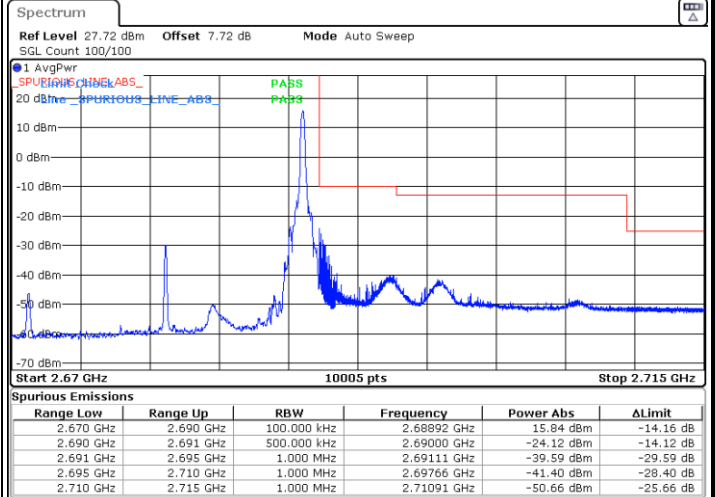
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB



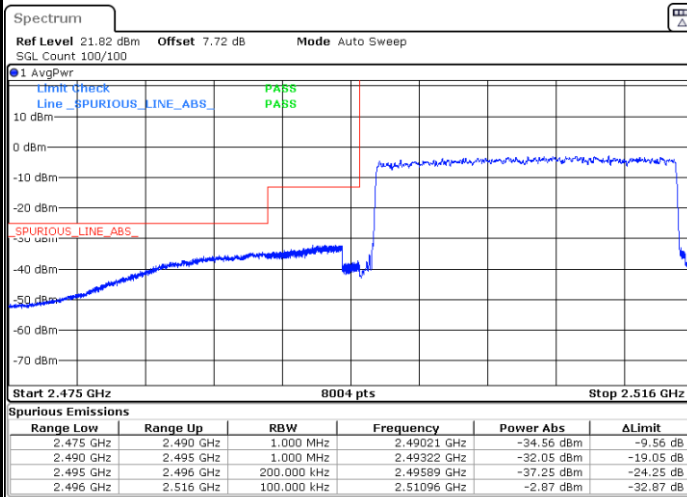
Date: 24.JAN.2024 17:00:13

Highest Band Edge / 1 RB



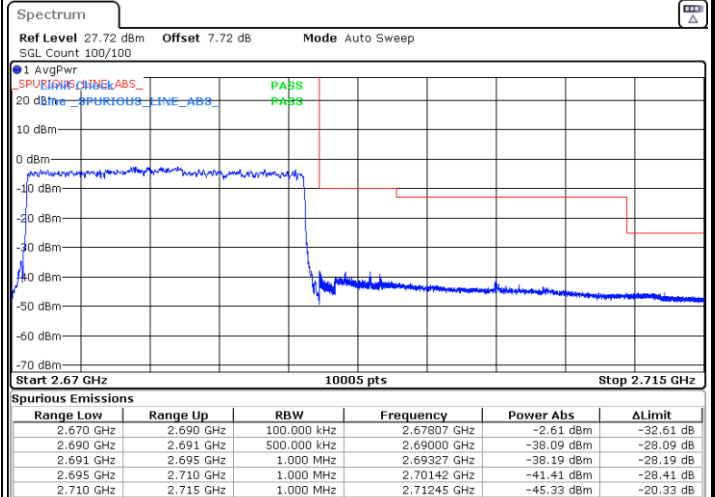
Date: 24.JAN.2024 17:14:40

Lowest Band Edge / Full RB



Date: 24.JAN.2024 17:08:27

Highest Band Edge / Full RB



Date: 24.JAN.2024 17:18:18

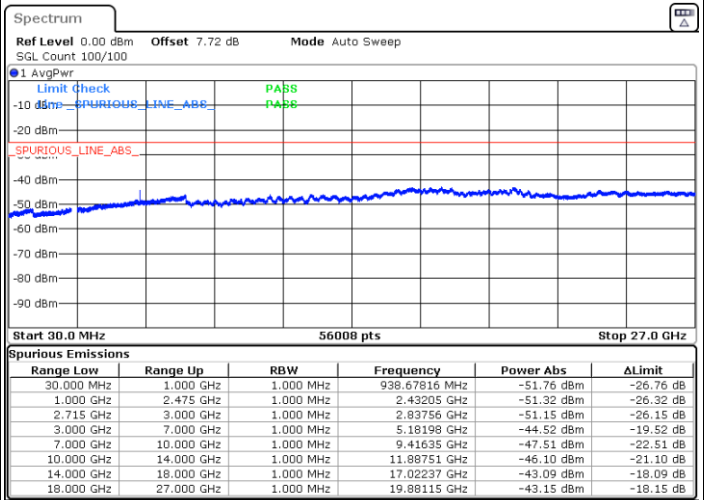
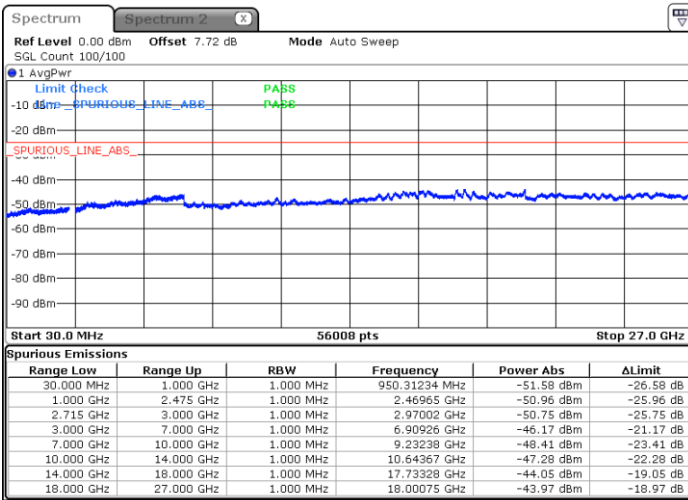


# Conducted Spurious Emission

## LTE Band 41 / 5MHz

### Lowest Channel / QPSK

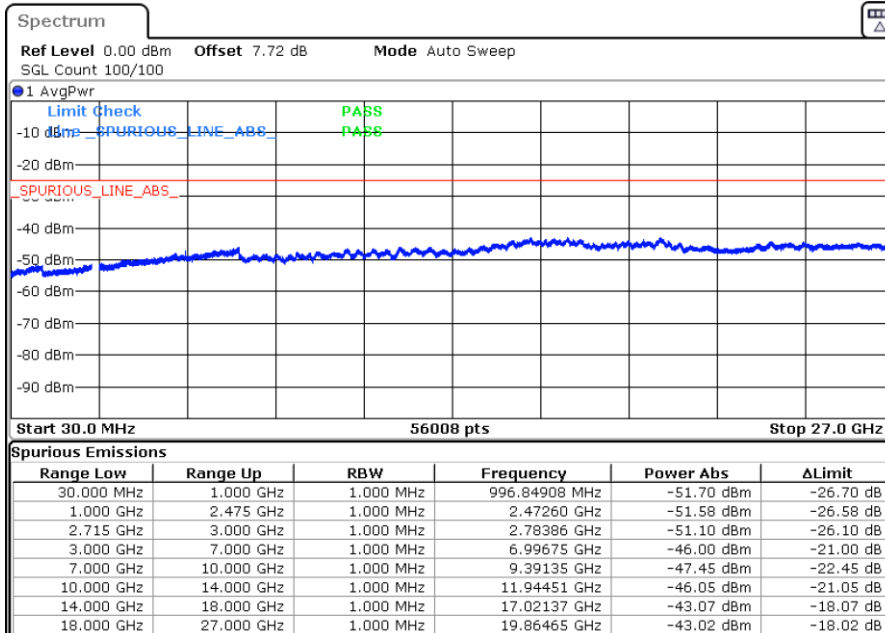
### Middle Channel / QPSK



Date: 24.JAN.2024 15:32:58

Date: 24.JAN.2024 15:17:10

### Highest Channel / QPSK



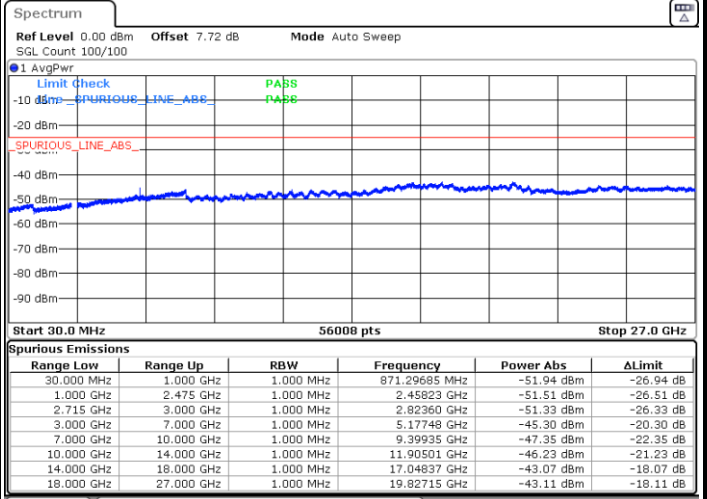
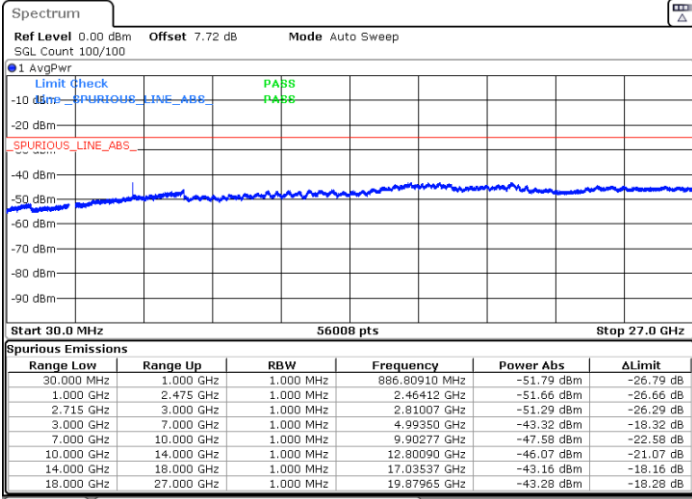
Date: 24.JAN.2024 15:18:32



LTE Band 41 / 10MHz

Lowest Channel / QPSK

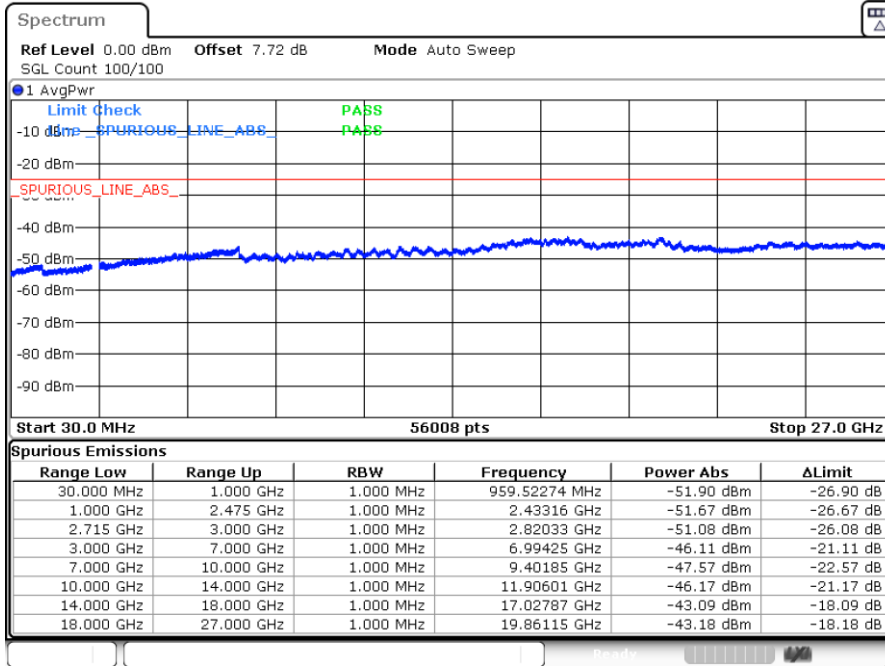
Middle Channel / QPSK



Date: 24.JAN.2024 15:27:26

Date: 24.JAN.2024 15:47:43

Highest Channel / QPSK



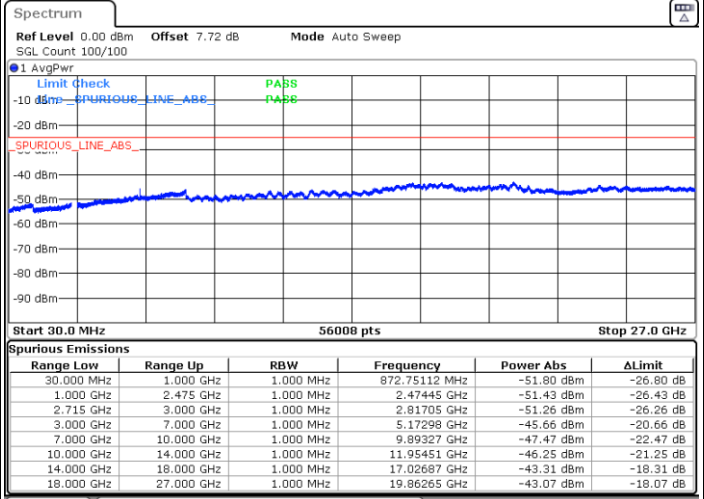
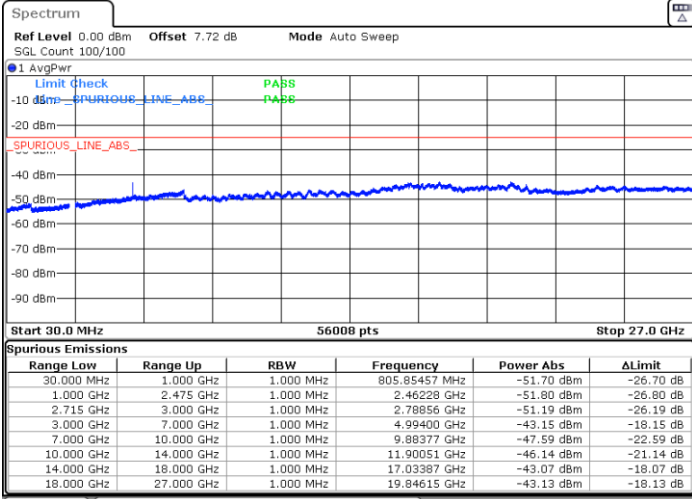
Date: 24.JAN.2024 15:49:05



LTE Band 41 / 15MHz

Lowest Channel / QPSK

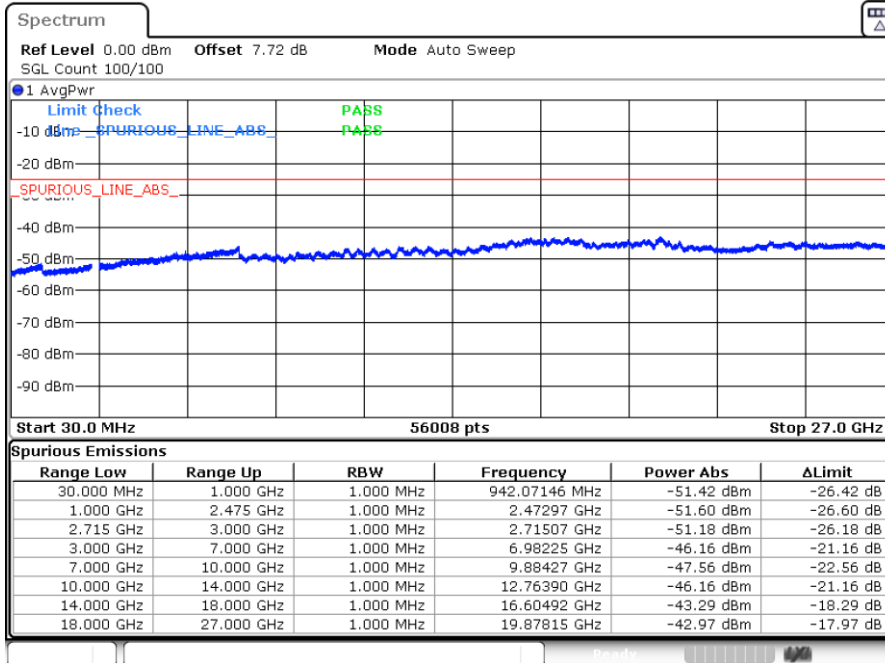
Middle Channel / QPSK



Date: 24.JAN.2024 16:10:46

Date: 24.JAN.2024 16:43:25

Highest Channel / QPSK



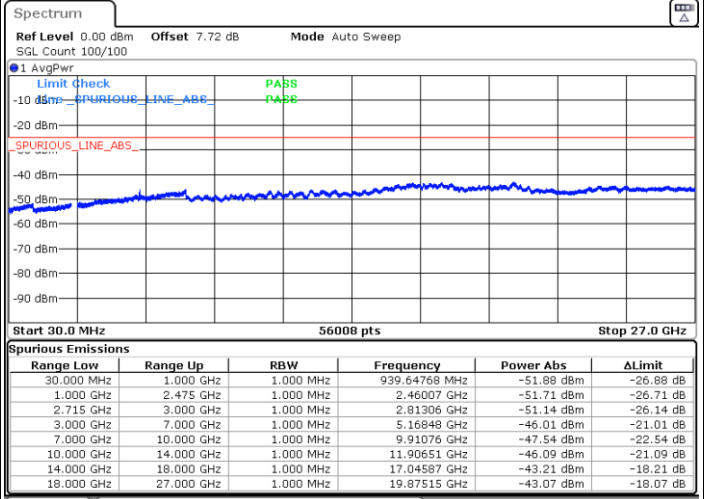
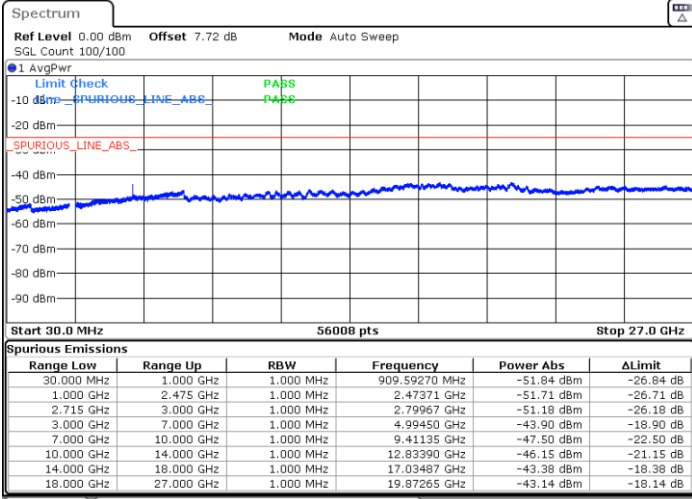
Date: 24.JAN.2024 16:44:47



LTE Band 41 / 20MHz

Lowest Channel / QPSK

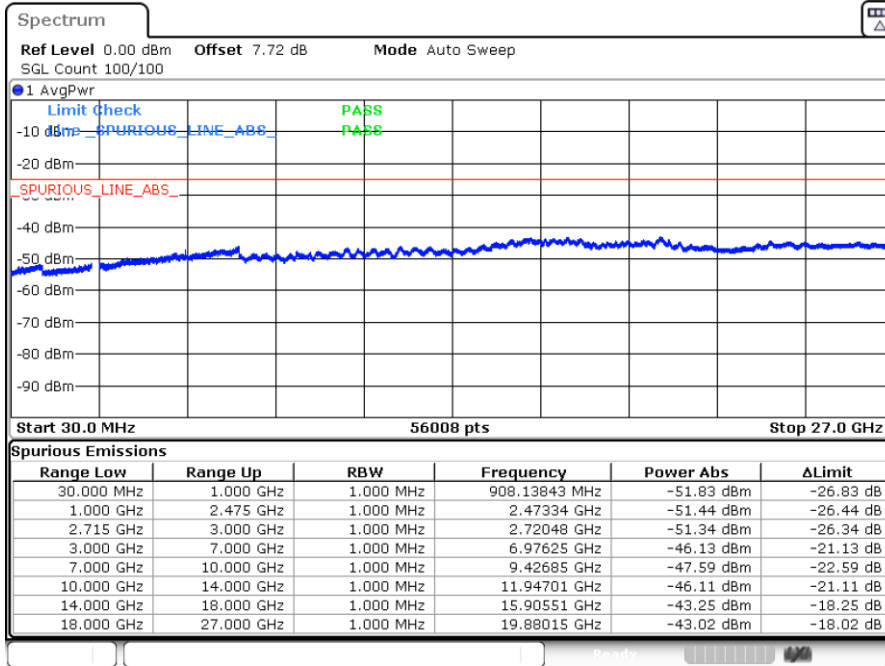
Middle Channel / QPSK



Date: 24.JAN.2024 16:56:41

Date: 24.JAN.2024 17:09:48

Highest Channel / QPSK



Date: 24.JAN.2024 17:11:10



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	0.0022	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0013	
20	Minimum Voltage	0.0015	

Note:

1. Normal Voltage =3.8 V. ; Minimum Voltage =3.3 V. ; Maximum Voltage =4.3V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band CA\_7C

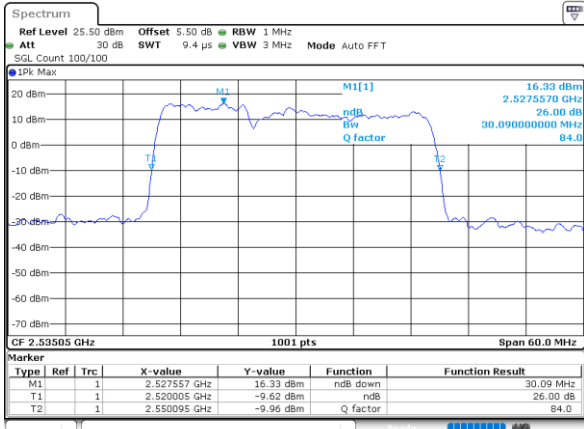
## 26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.97
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.28	25.28
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.63	30.63
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.76	34.76
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.97
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.83
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	39.88



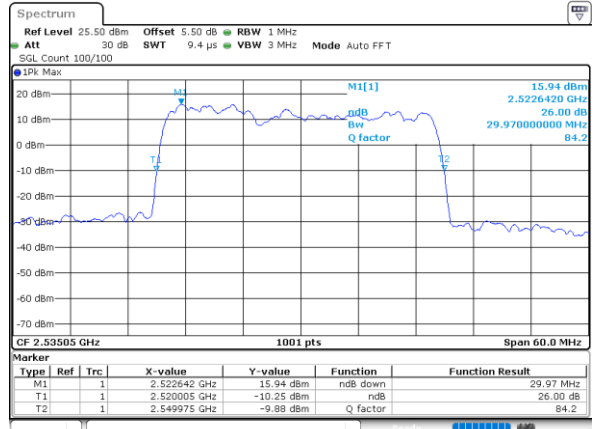
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 5.FEB.2024 10:29:20

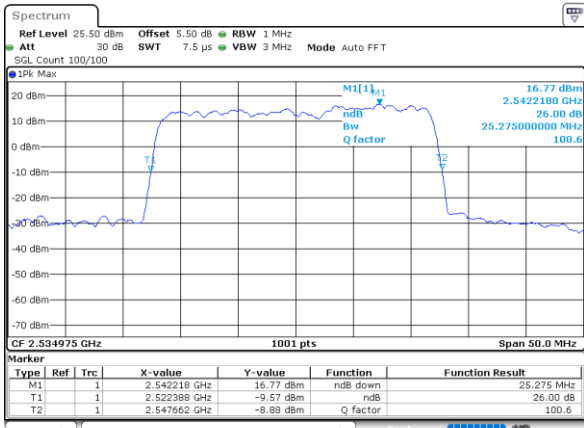
Middle Channel / 10MHz+20MHz / 16QAM



Date: 5.FEB.2024 10:29:47

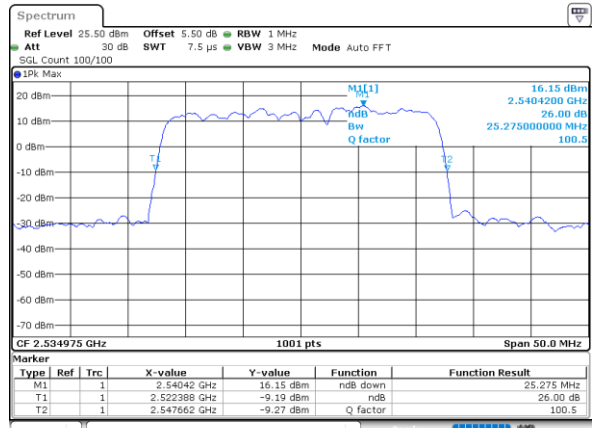
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 5.FEB.2024 11:57:22

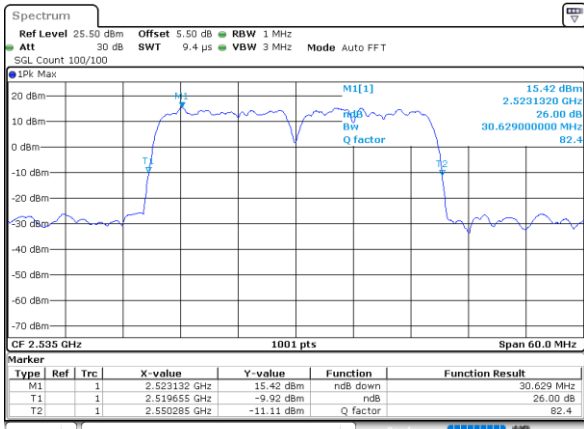
Middle Channel / 15MHz+10MHz / 16QAM



Date: 5.FEB.2024 11:57:50

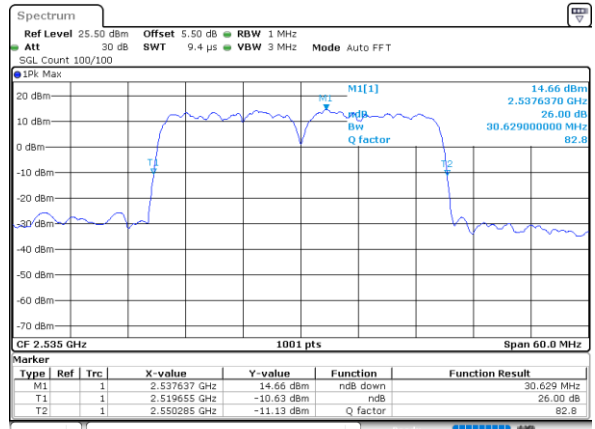
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 5.FEB.2024 12:32:40

Middle Channel / 15MHz+15MHz / 16QAM



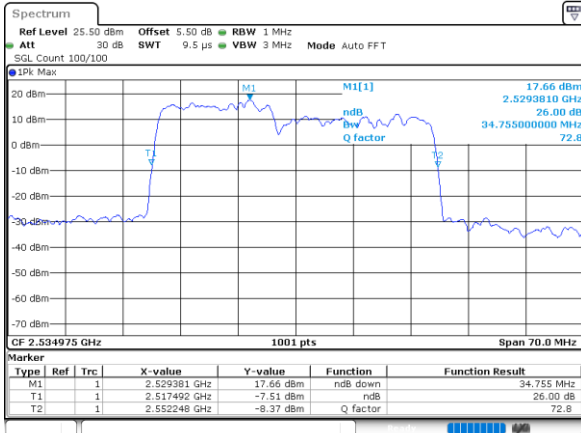
Date: 5.FEB.2024 12:33:08





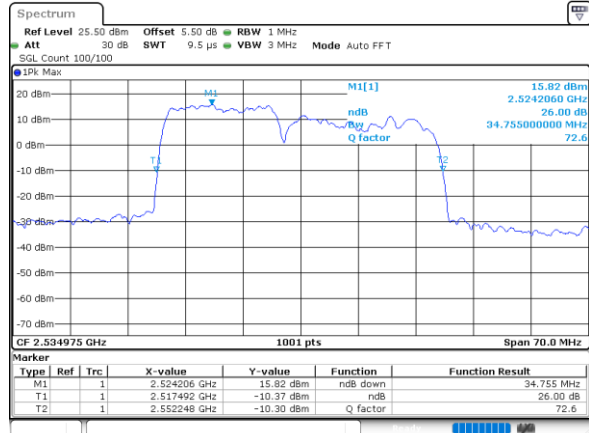
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 5.FEB.2024 13:02:28

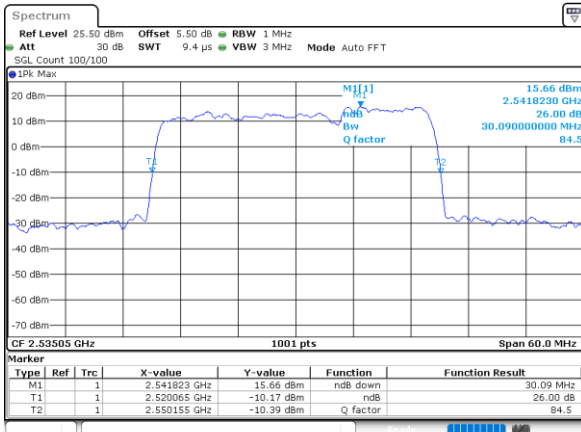
Middle Channel / 15MHz+20MHz / 16QAM



Date: 5.FEB.2024 13:03:49

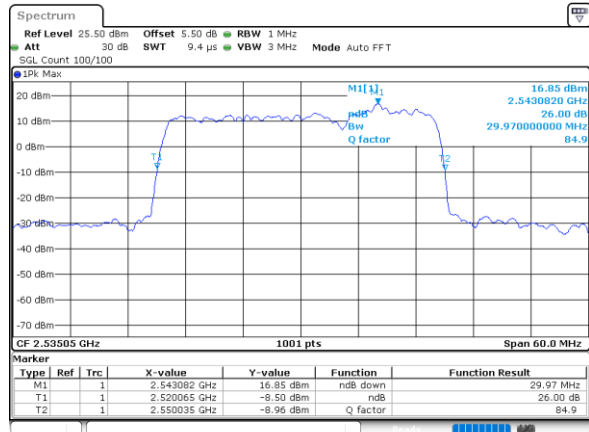
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 5.FEB.2024 13:46:16

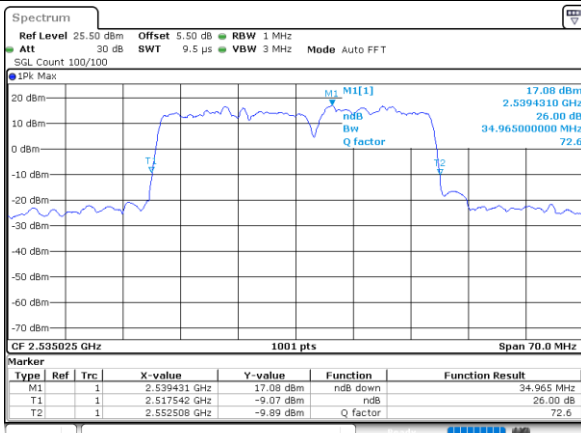
Middle Channel / 20MHz+10MHz / 16QAM



Date: 5.FEB.2024 13:46:44

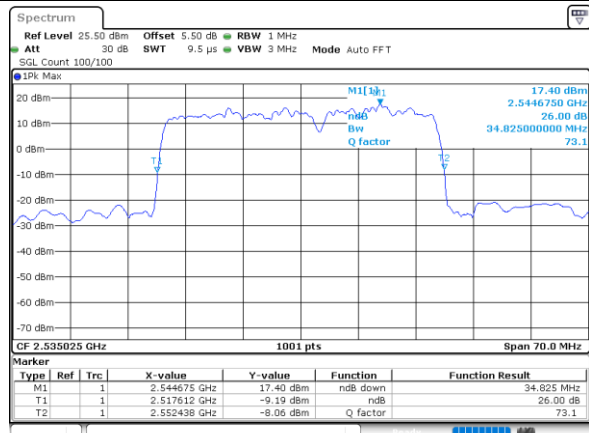
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 5.FEB.2024 14:16:32

Middle Channel / 20MHz+15MHz / 16QAM

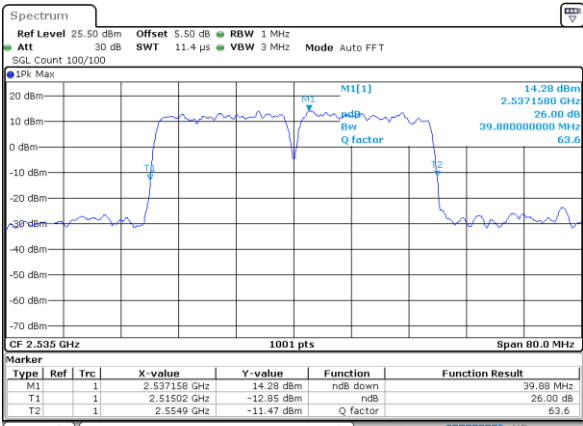


Date: 5.FEB.2024 14:17:00



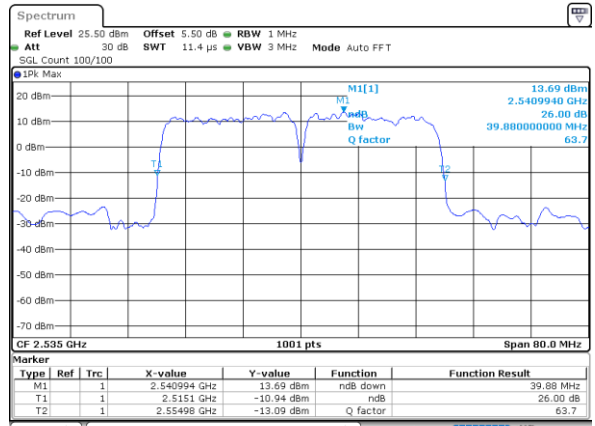
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 5.FEB.2024 15:01:56

Middle Channel / 20MHz+20MHz / 16QAM

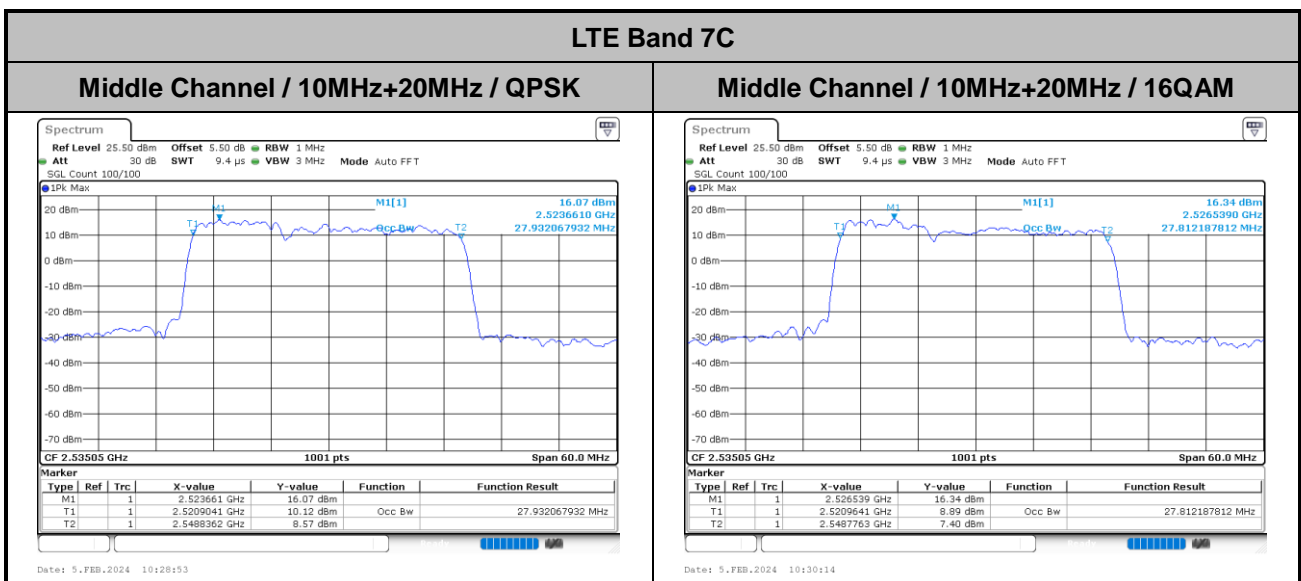


Date: 5.FEB.2024 15:02:24



# Occupied Bandwidth

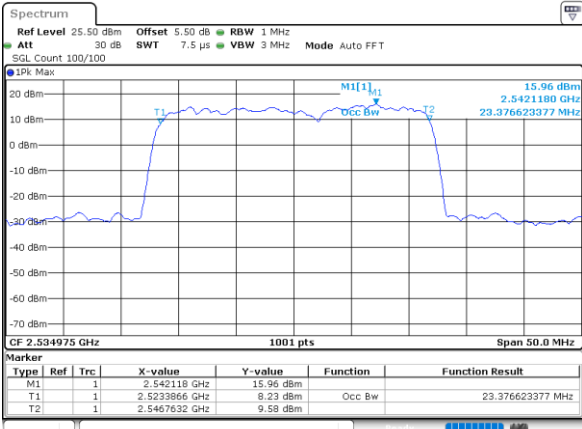
Mode	LTE Band 7C : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.93	27.81
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.38	23.43
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.47	28.41
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.73	33.08
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.05
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.73	32.87
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.64





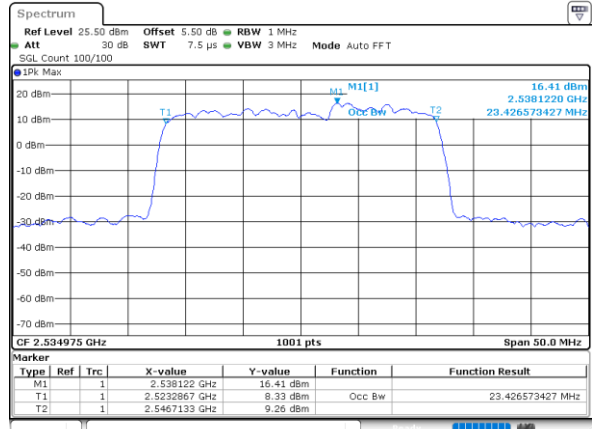
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 5.FEB.2024 11:56:55

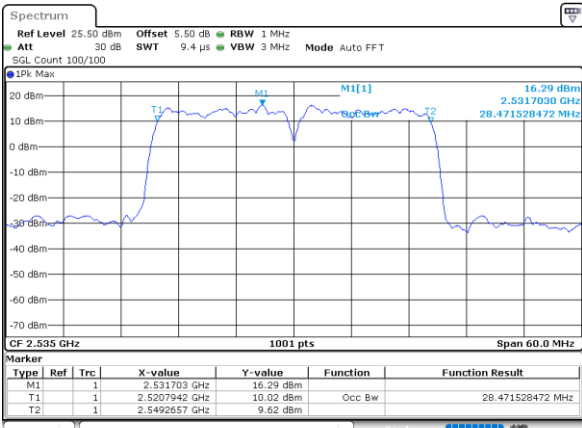
Middle Channel / 15MHz+10MHz / 16QAM



Date: 5.FEB.2024 11:58:16

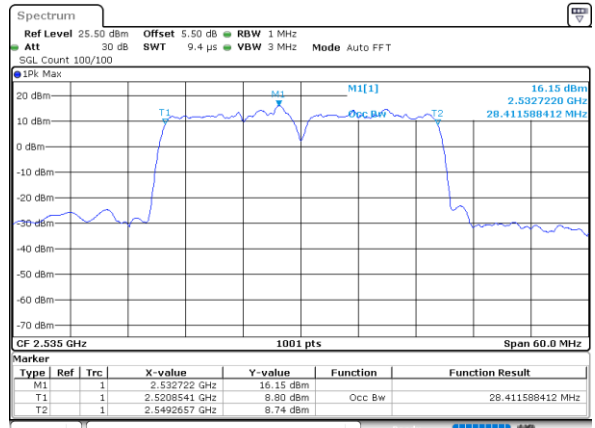
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 5.FEB.2024 12:32:13

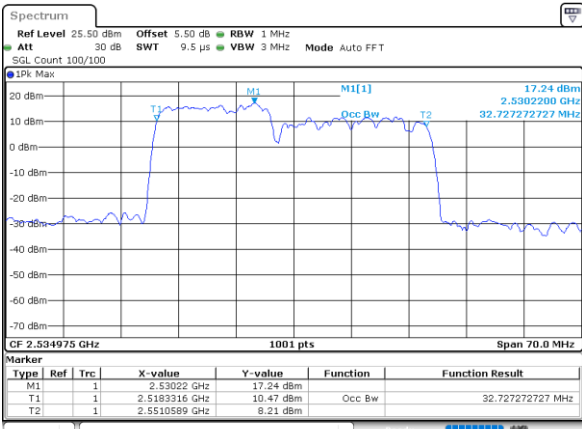
Middle Channel / 15MHz+15MHz / 16QAM



Date: 5.FEB.2024 12:33:35

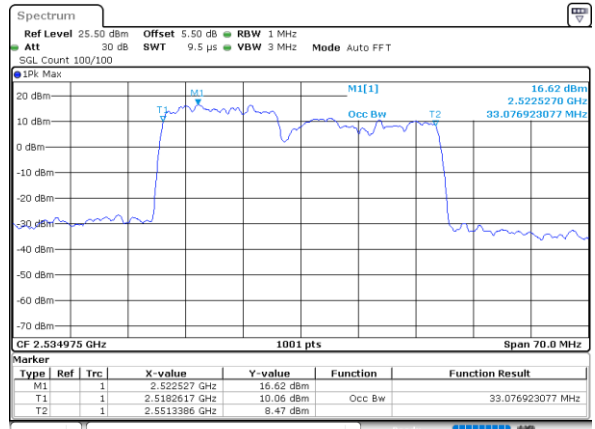
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 5.FEB.2024 13:02:55

Middle Channel / 15MHz+20MHz / 16QAM

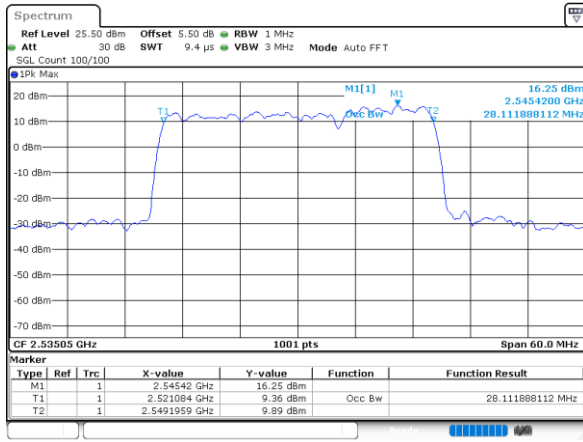


Date: 5.FEB.2024 13:03:22



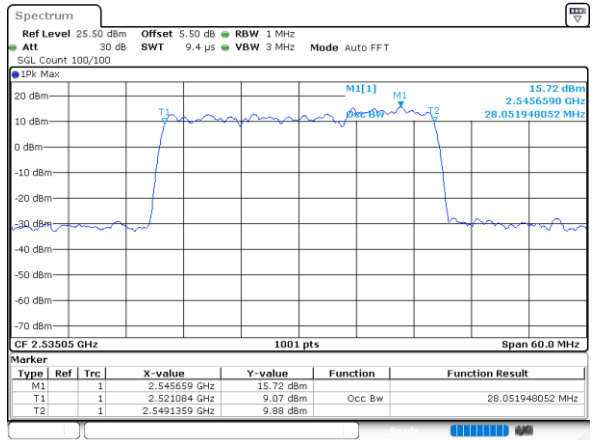
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 5.FEB.2024 13:45:50

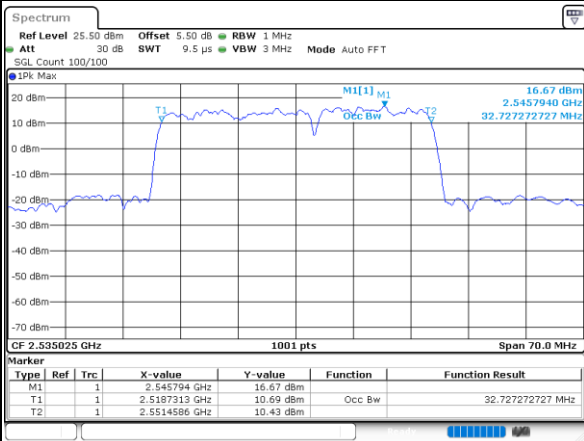
Middle Channel / 20MHz+10MHz / 16QAM



Date: 5.FEB.2024 13:47:11

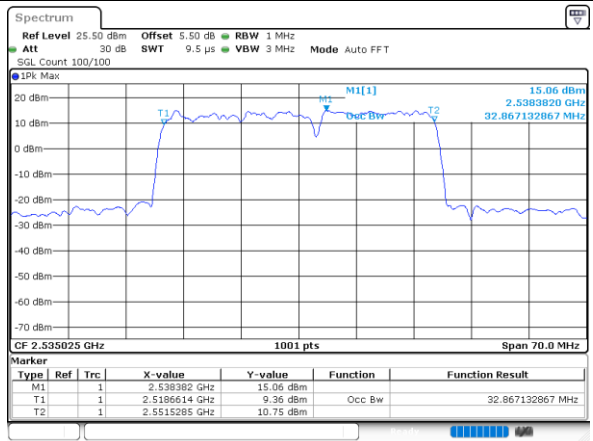
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 5.FEB.2024 14:16:05

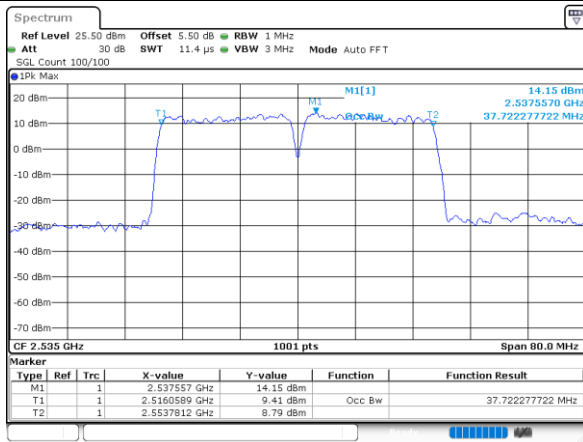
Middle Channel / 20MHz+15MHz / 16QAM



Date: 5.FEB.2024 14:17:26

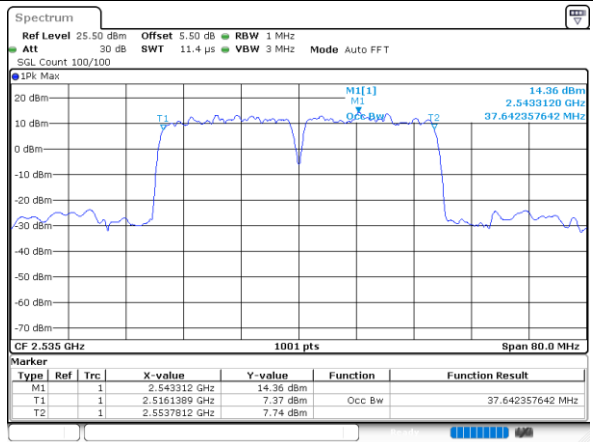
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 5.FEB.2024 15:01:29

Middle Channel / 20MHz+20MHz / 16QAM



Date: 5.FEB.2024 15:02:51

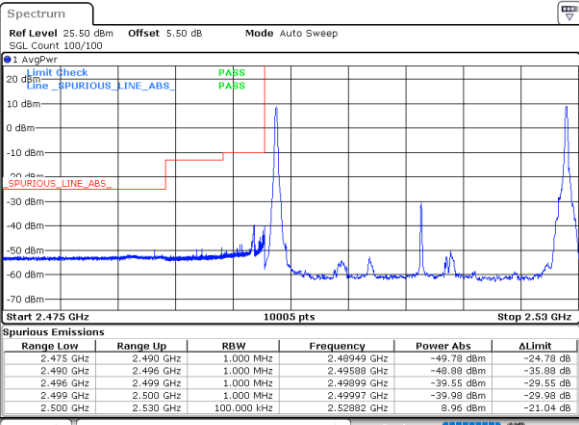


# Conducted Band Edge

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

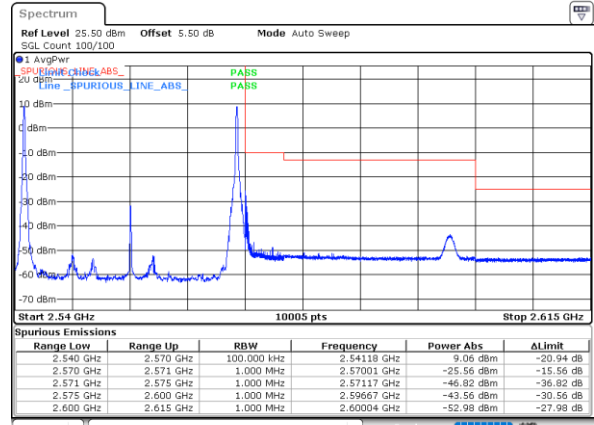
### QPSK

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



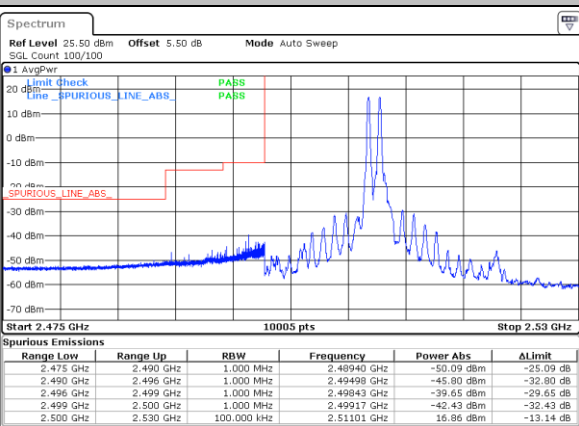
Date: 5.FEB.2024 10:15:33

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



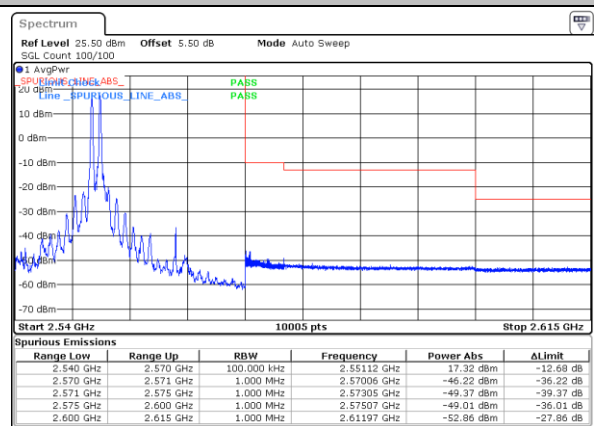
Date: 5.FEB.2024 10:37:38

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



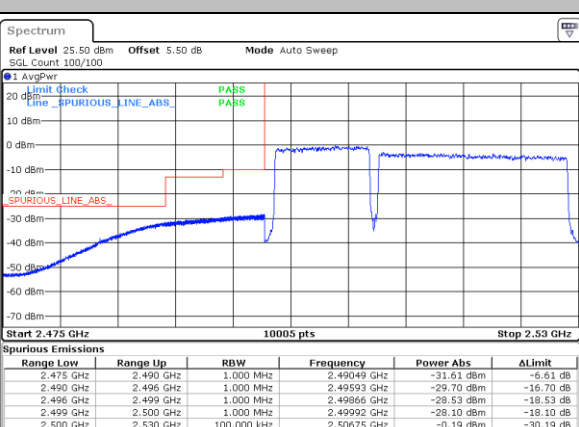
Date: 5.FEB.2024 10:19:21

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



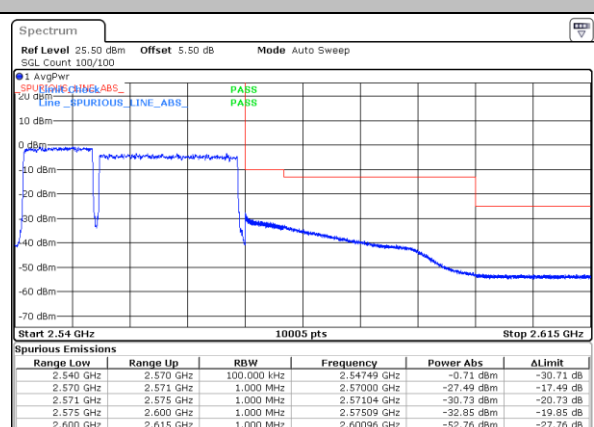
Date: 5.FEB.2024 10:41:25

#### Lowest Band Edge / Full RB



Date: 5.FEB.2024 10:23:09

#### Highest Band Edge / Full RB



Date: 5.FEB.2024 10:45:12

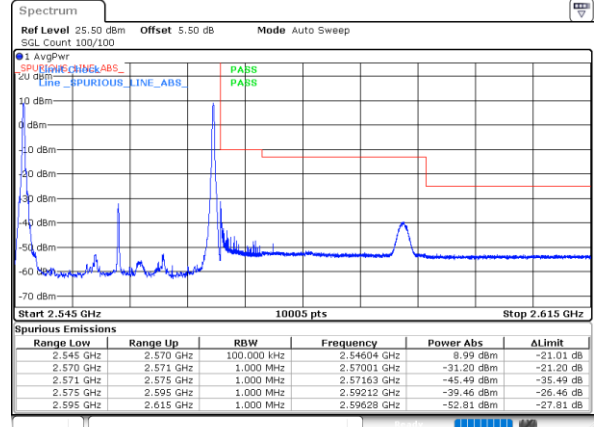
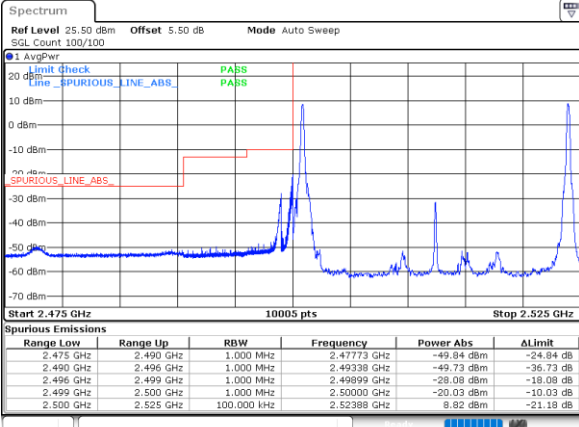


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

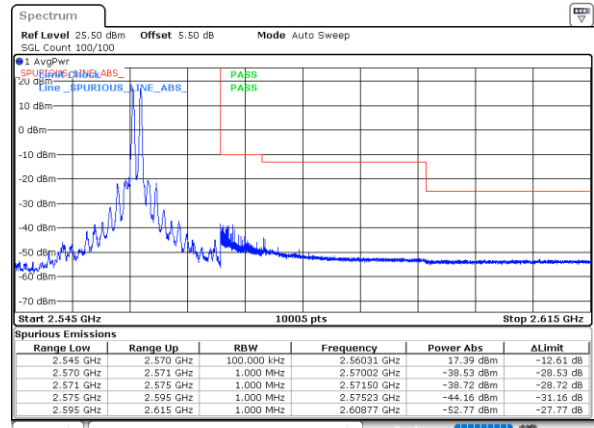
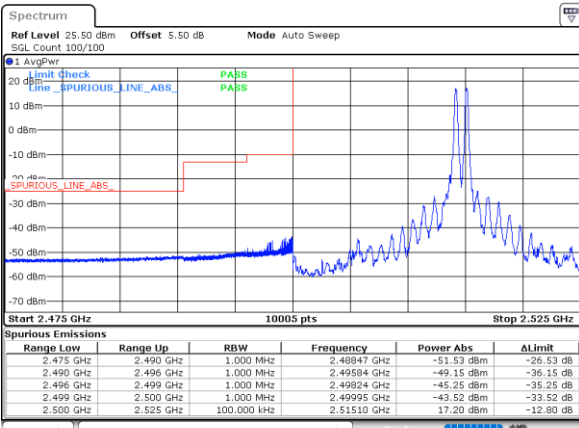


Date: 5.FEB.2024 10:52:54

Date: 5.FEB.2024 12:04:53

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

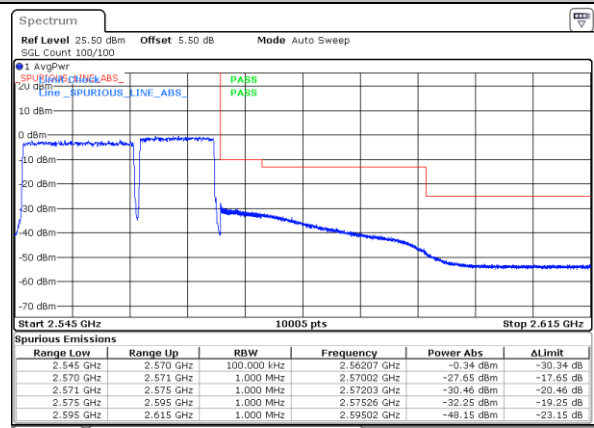
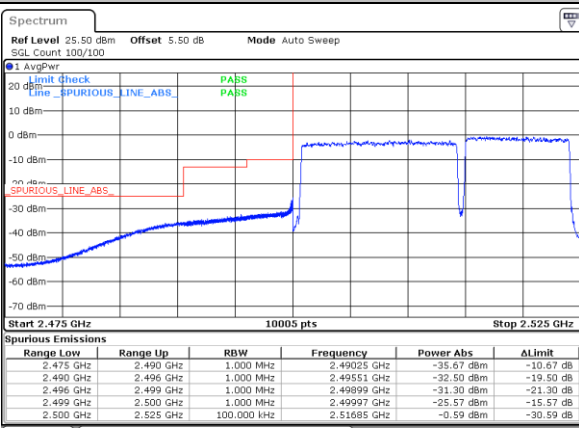


Date: 5.FEB.2024 10:56:42

Date: 5.FEB.2024 12:08:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 11:00:30

Date: 5.FEB.2024 12:12:27

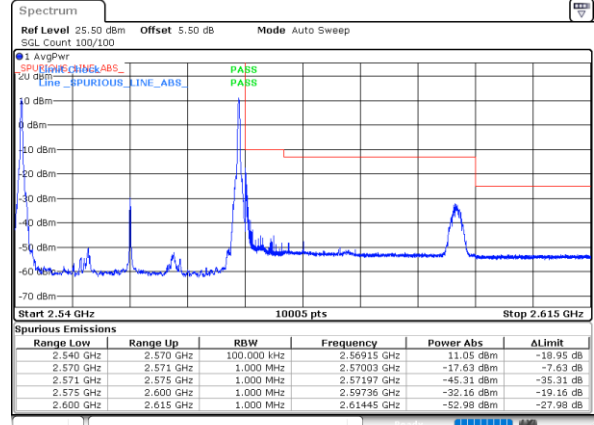
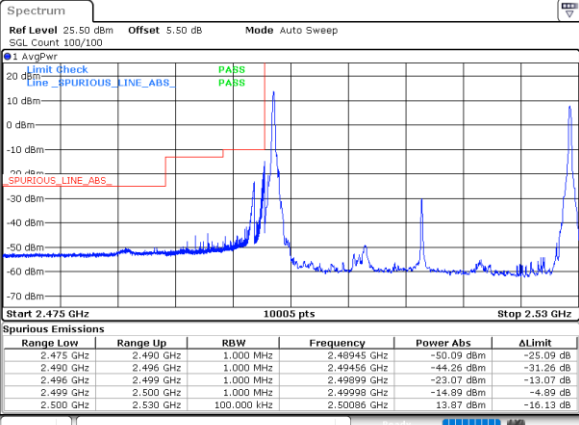


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

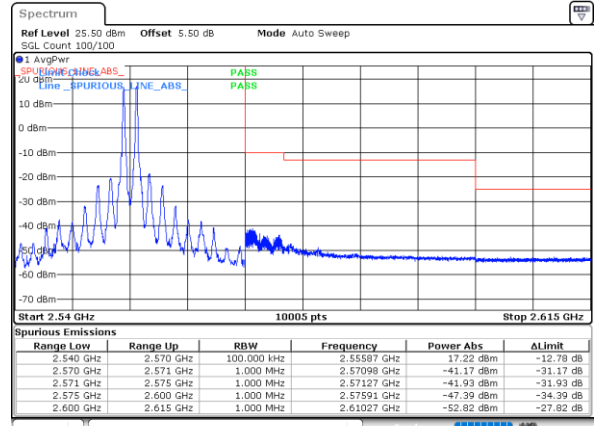
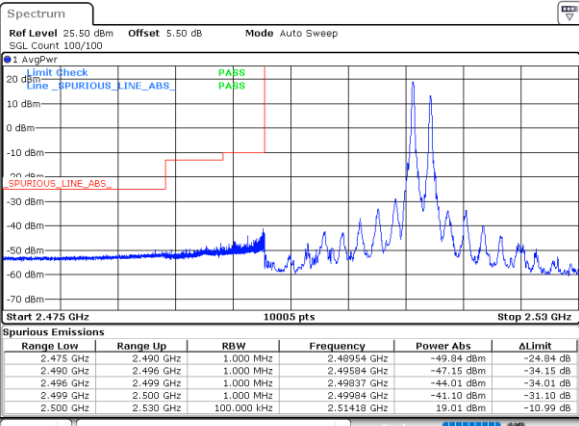


Date: 5.FEB.2024 12:18:08

Date: 5.FEB.2024 12:18:11

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

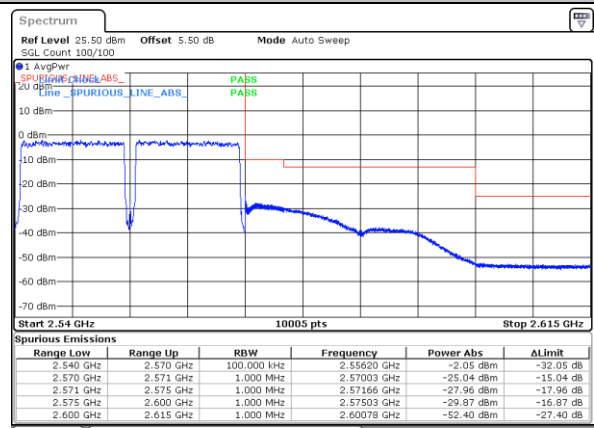
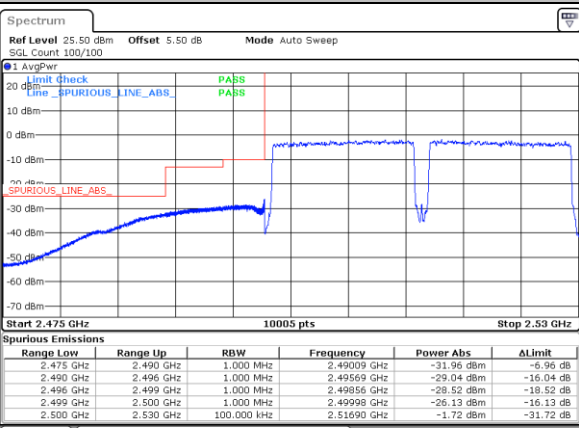


Date: 5.FEB.2024 12:21:56

Date: 5.FEB.2024 12:41:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 12:25:44

Date: 5.FEB.2024 12:45:45



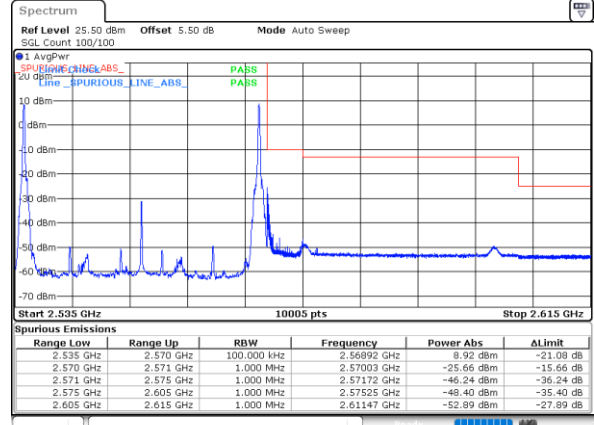
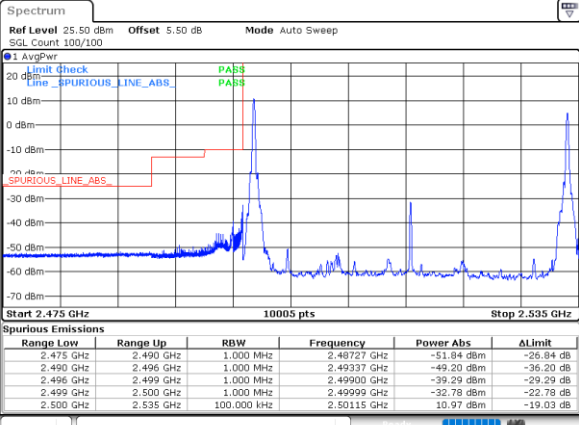


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

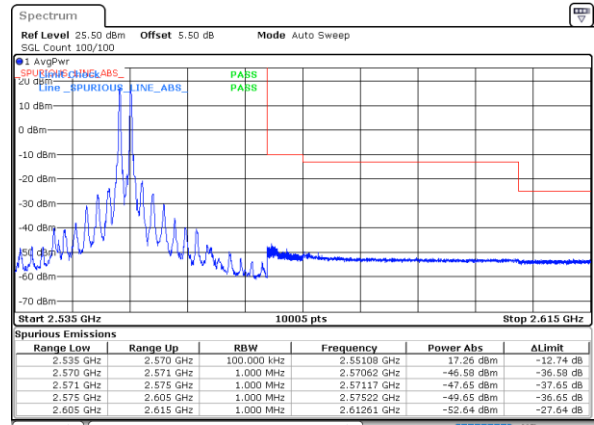
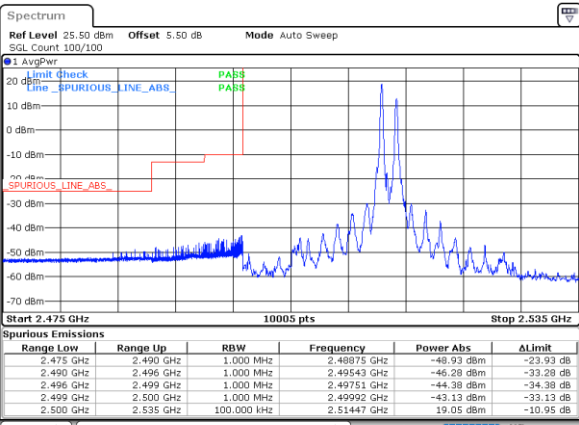


Date: 5.FEB.2024 12:51:26

Date: 5.FEB.2024 13:08:25

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

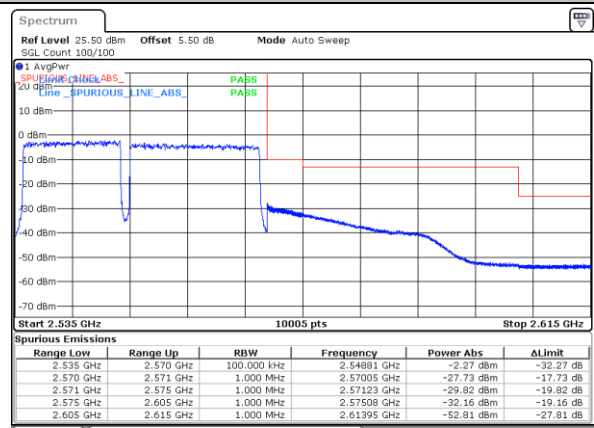
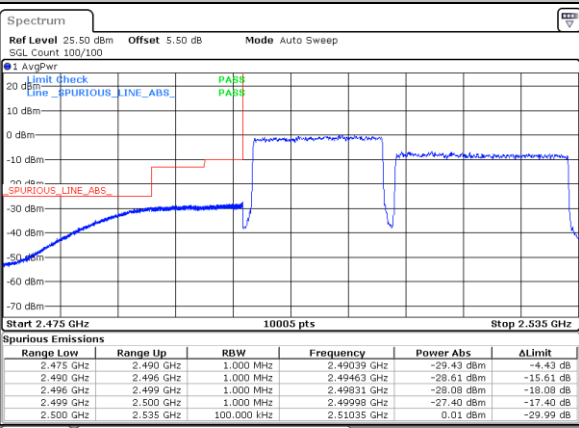


Date: 5.FEB.2024 12:55:14

Date: 5.FEB.2024 13:12:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 12:59:03

Date: 5.FEB.2024 13:15:59

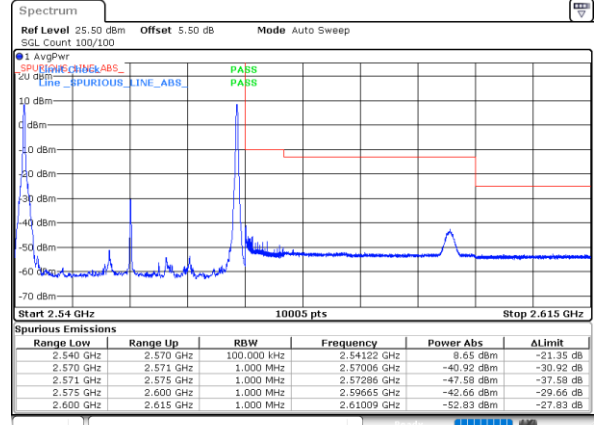
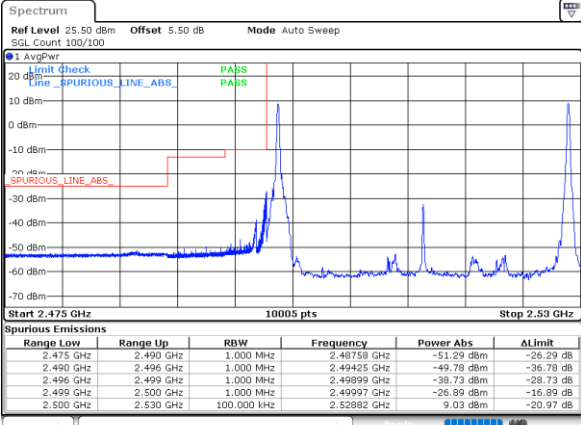


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

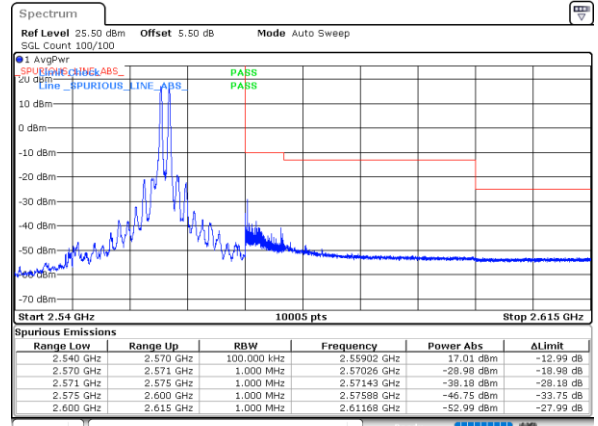
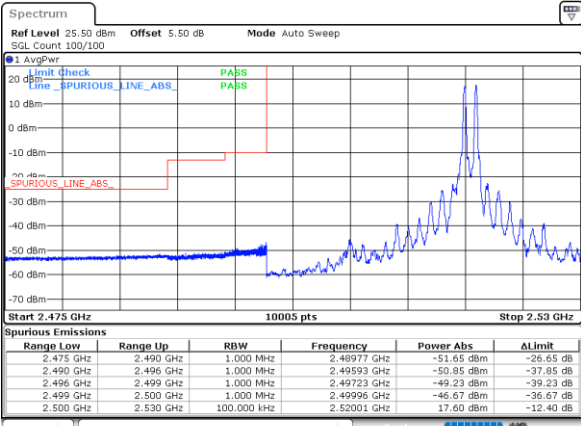


Date: 5.FEB.2024 13:34:47

Date: 5.FEB.2024 13:51:46

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

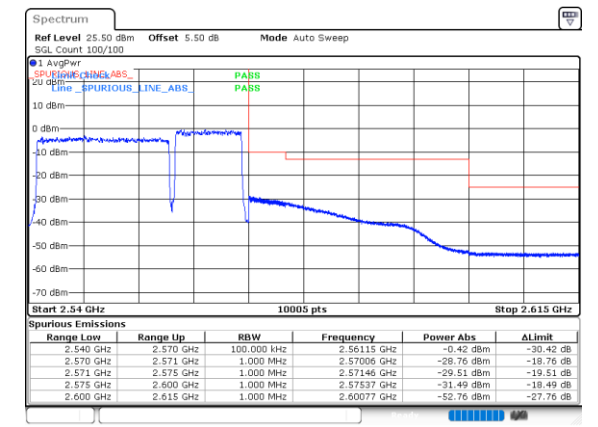
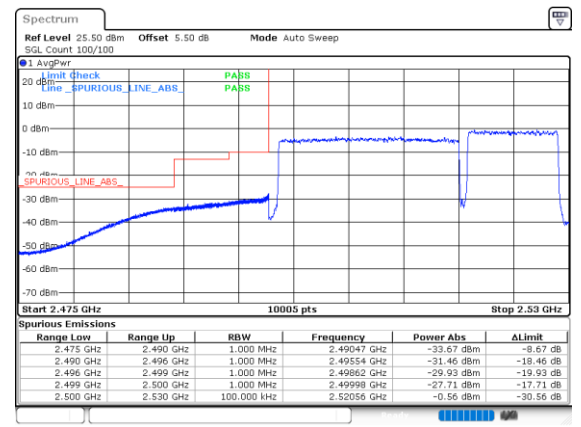


Date: 5.FEB.2024 13:38:36

Date: 5.FEB.2024 13:55:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 13:42:52

Date: 5.FEB.2024 13:50:51

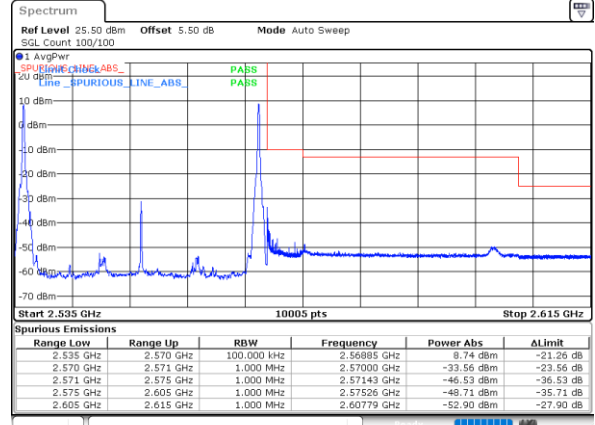
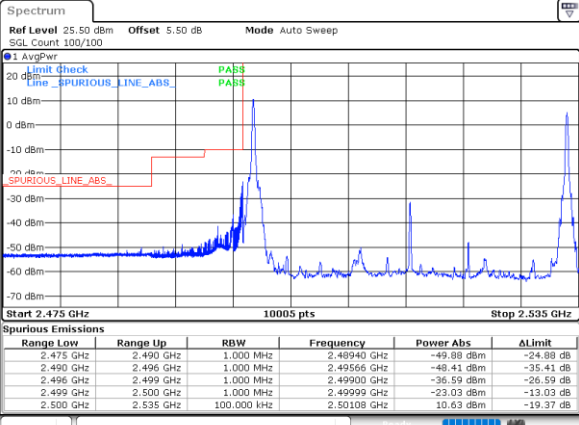


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

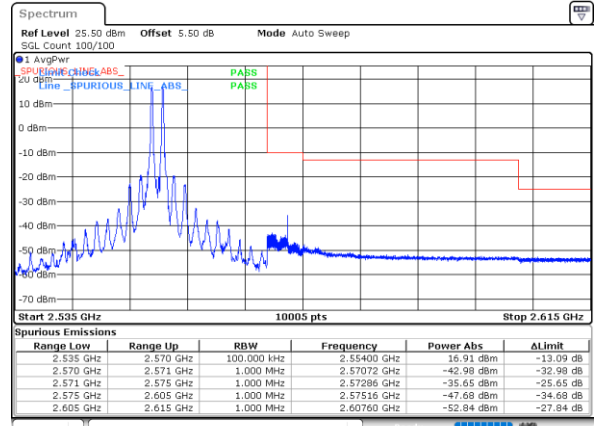
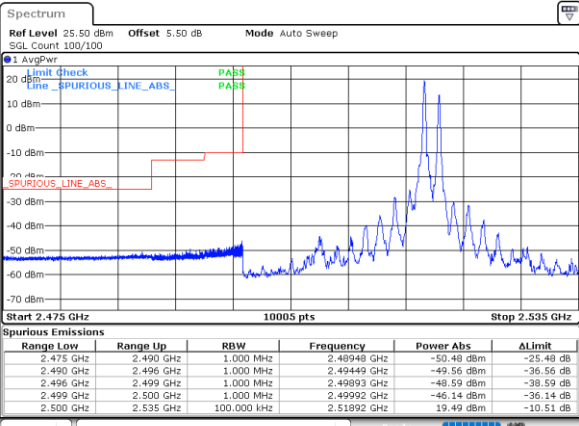


Date: 5.FEB.2024 14:05:02

Date: 5.FEB.2024 14:22:02

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

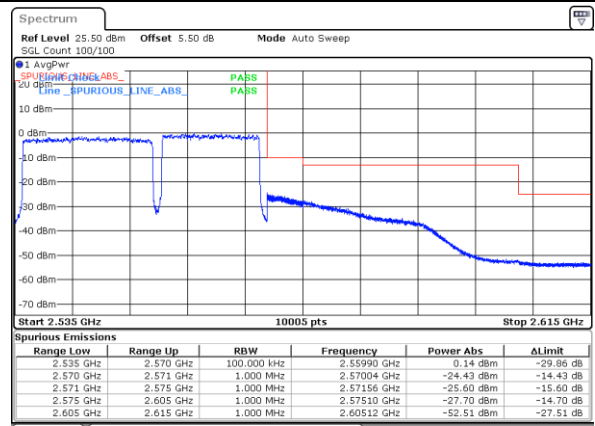
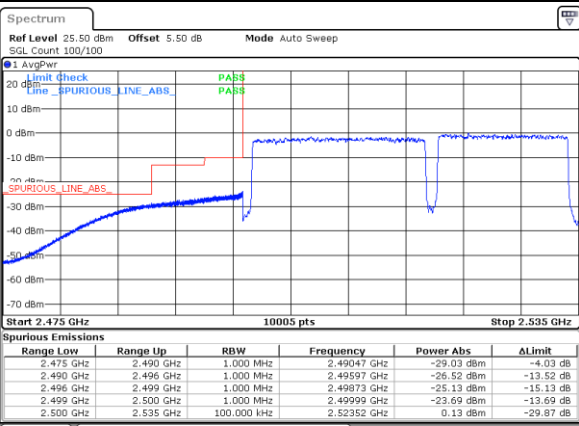


Date: 5.FEB.2024 14:08:50

Date: 5.FEB.2024 14:25:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 14:12:40

Date: 5.FEB.2024 14:29:38

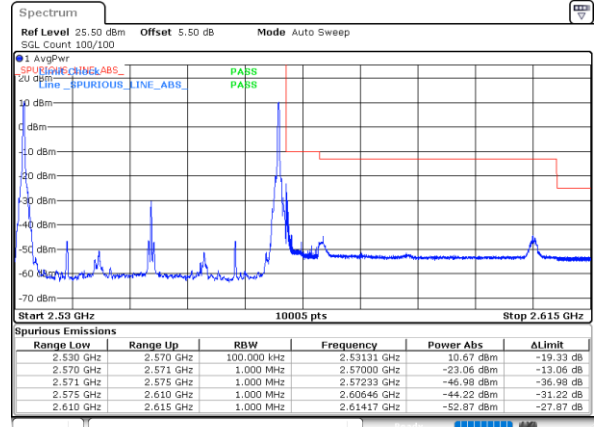
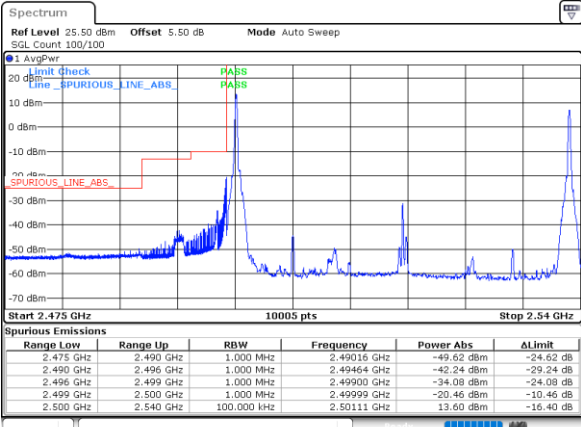


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

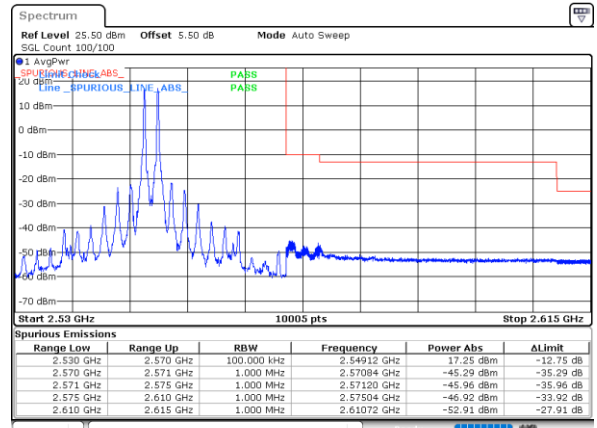
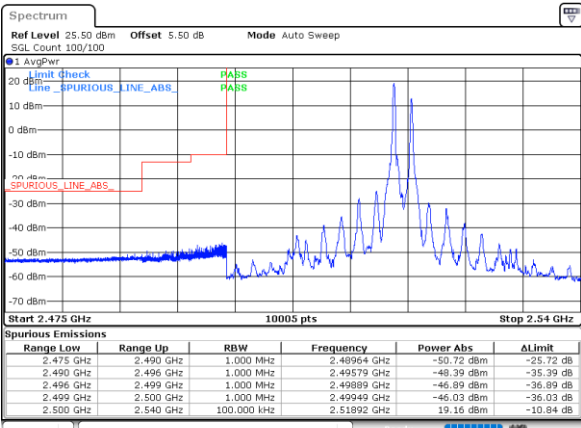


Date: 5.FEB.2024 14:05:18

Date: 5.FEB.2024 14:50:29

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

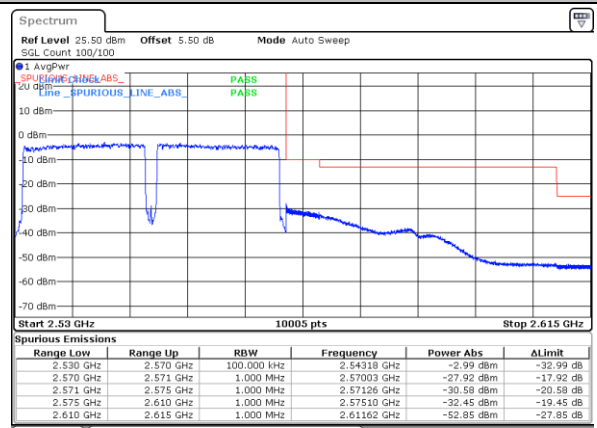
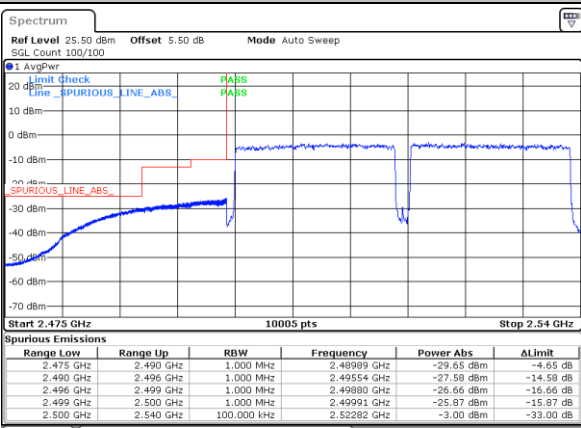


Date: 5.FEB.2024 14:39:07

Date: 5.FEB.2024 14:54:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 14:42:56

Date: 5.FEB.2024 14:58:05

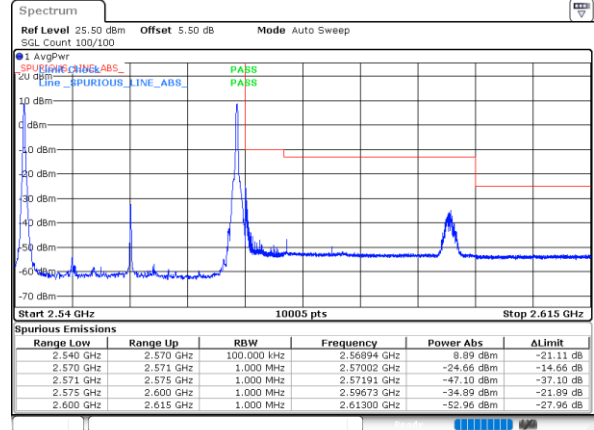
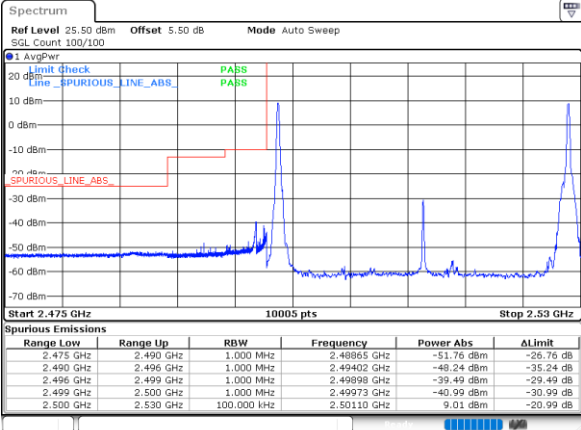


LTE Band 7C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

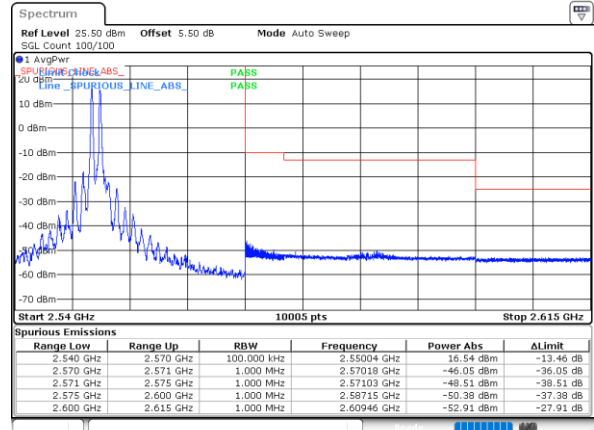
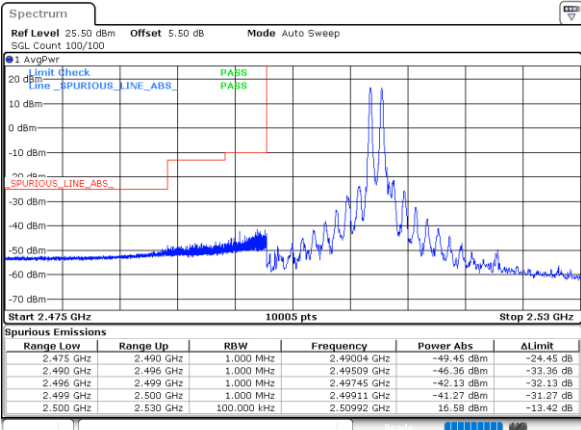


Date: 5.FEB.2024 10:16:30

Date: 5.FEB.2024 10:13:35

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

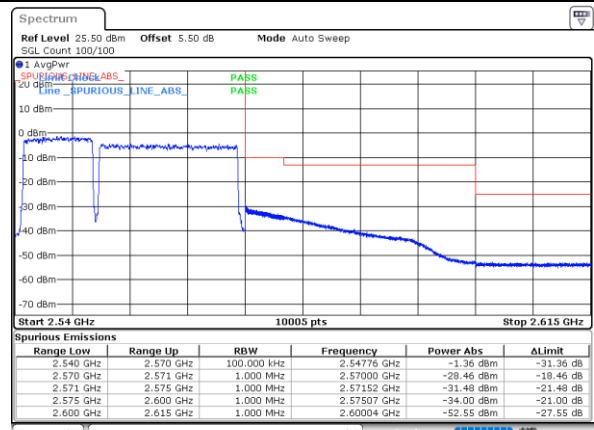
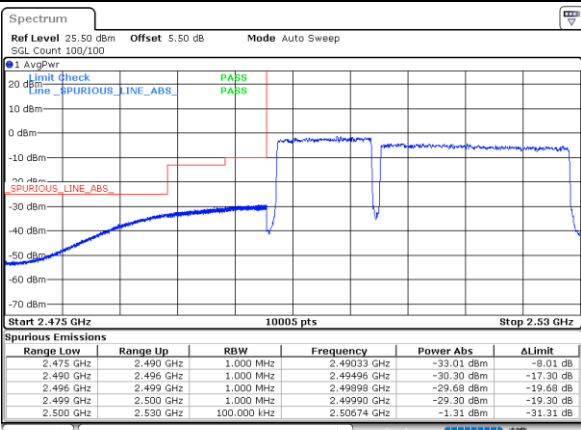


Date: 5.FEB.2024 10:20:17

Date: 5.FEB.2024 10:42:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 10:24:05

Date: 5.FEB.2024 10:46:08

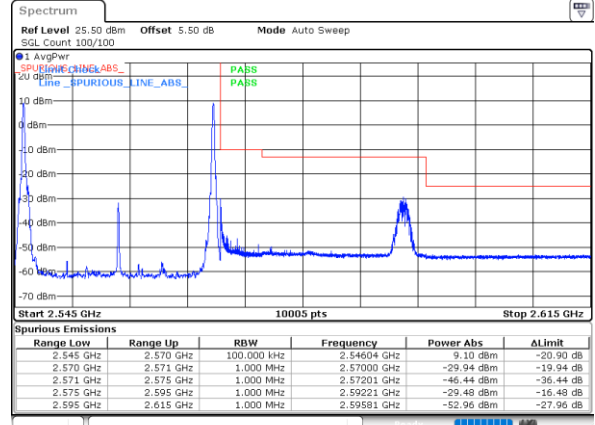
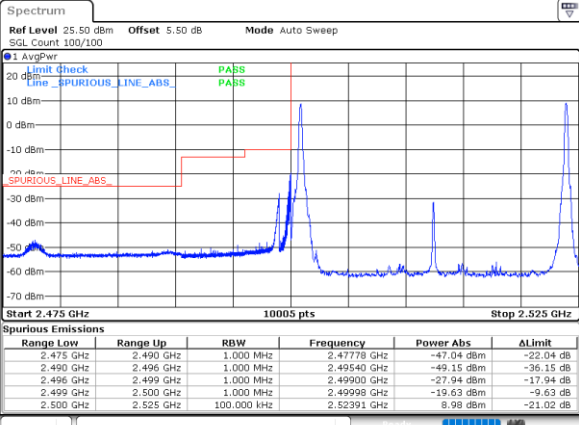


LTE Band 7C / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

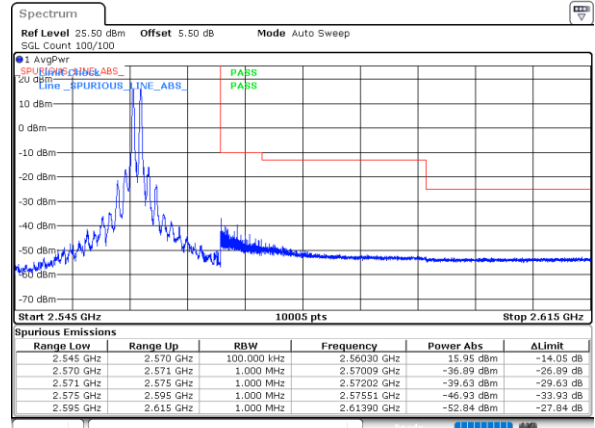
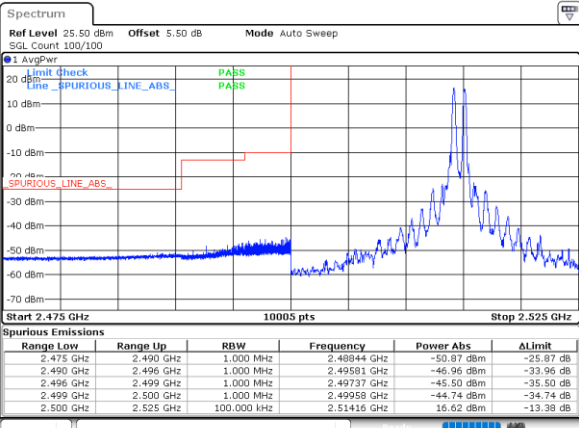


Date: 5.FEB.2024 10:53:51

Date: 5.FEB.2024 12:05:50

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

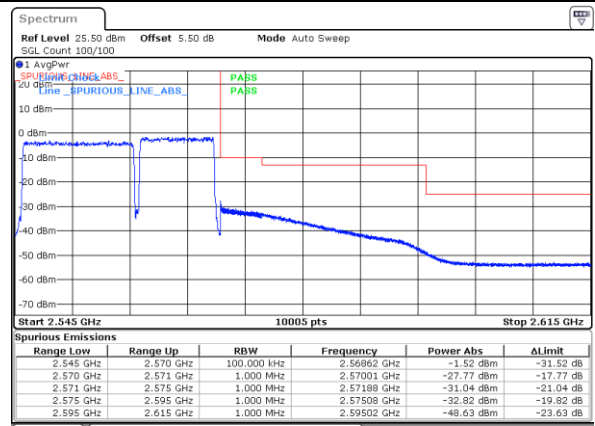
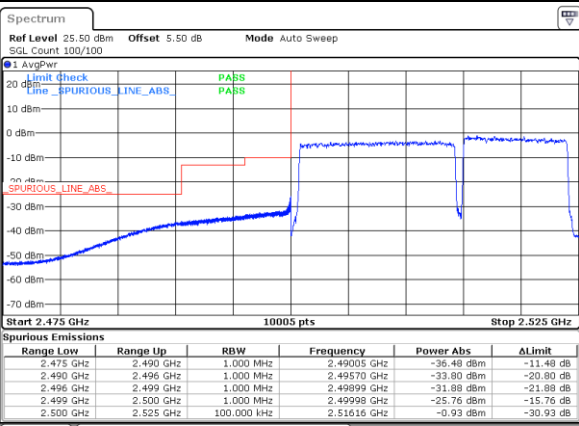


Date: 5.FEB.2024 10:57:39

Date: 5.FEB.2024 12:09:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 11:01:27

Date: 5.FEB.2024 12:13:24

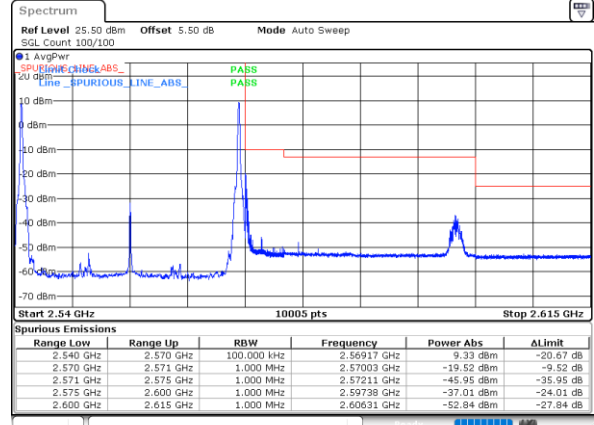
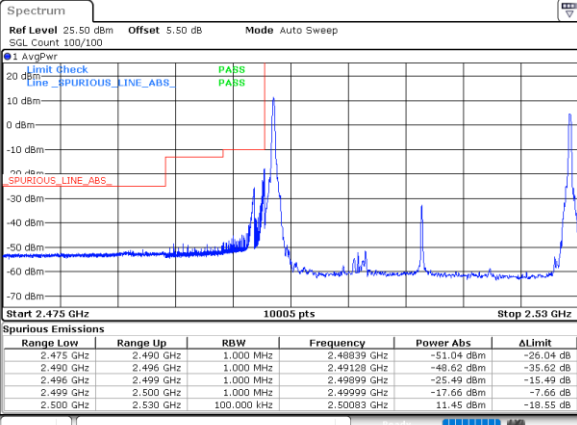


LTE Band 7C / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

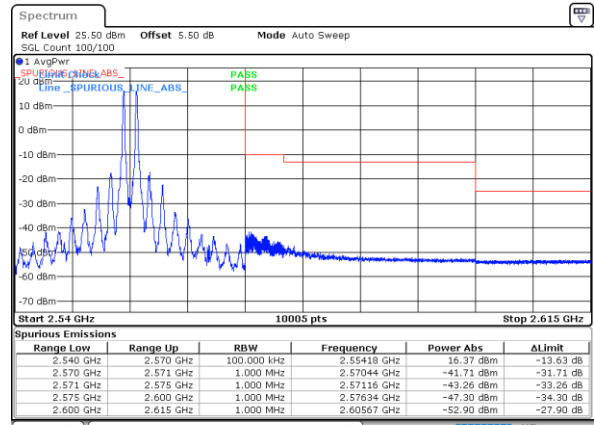
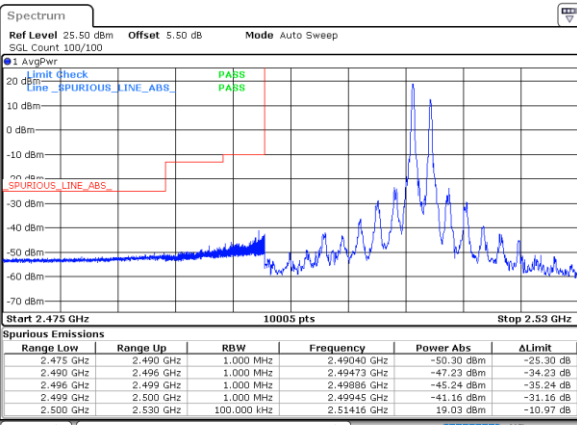


Date: 5.FEB.2024 12:19:05

Date: 5.FEB.2024 12:19:07

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

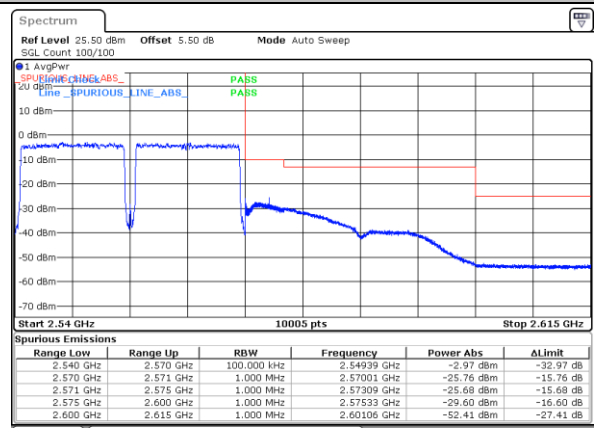
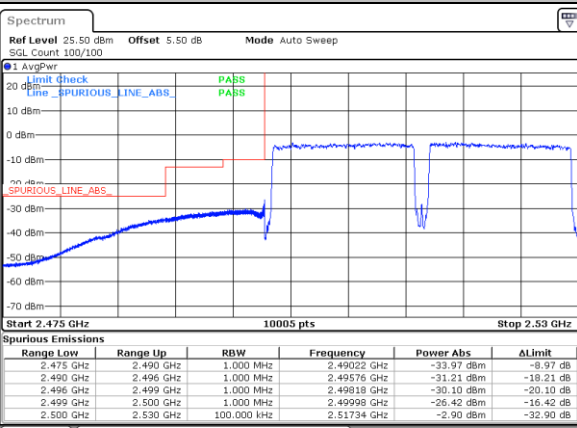


Date: 5.FEB.2024 12:22:53

Date: 5.FEB.2024 12:42:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 12:26:41

Date: 5.FEB.2024 12:46:42

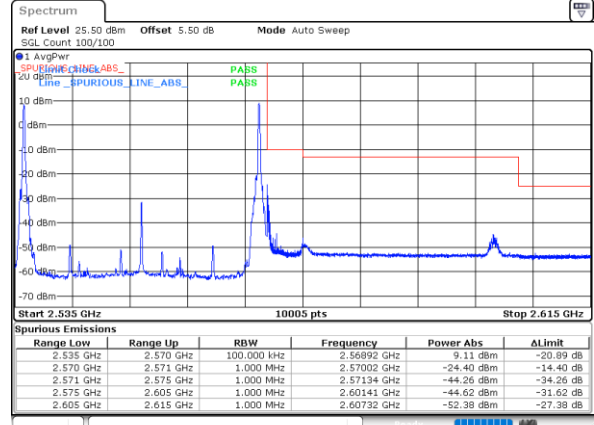
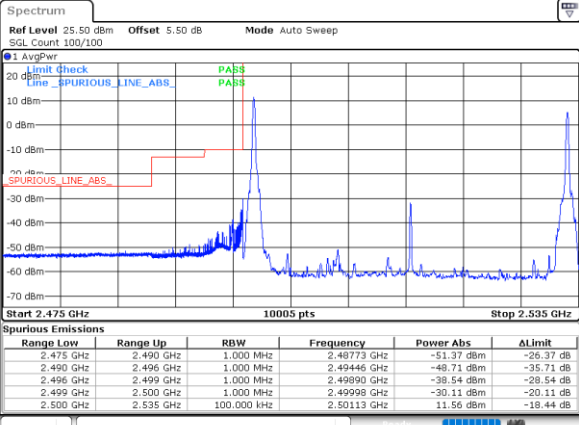


LTE Band 7C / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

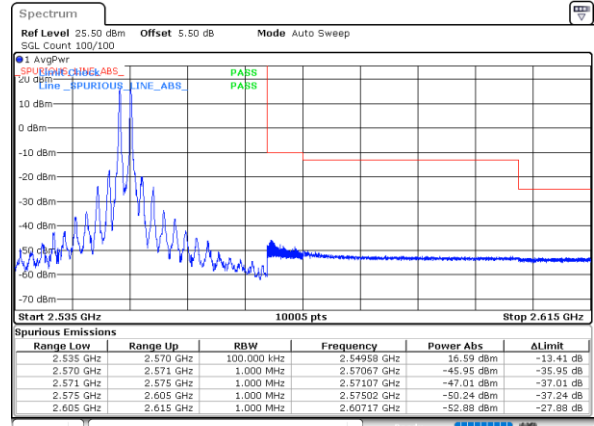
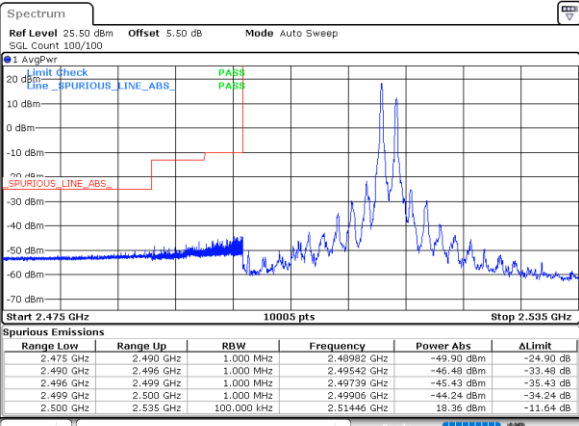


Date: 5.FEB.2024 12:52:23

Date: 5.FEB.2024 13:09:22

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

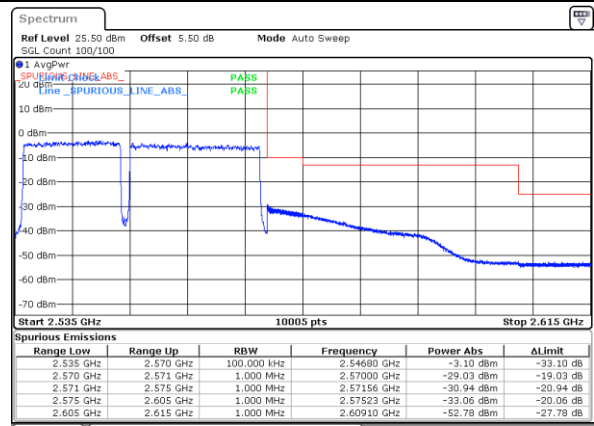
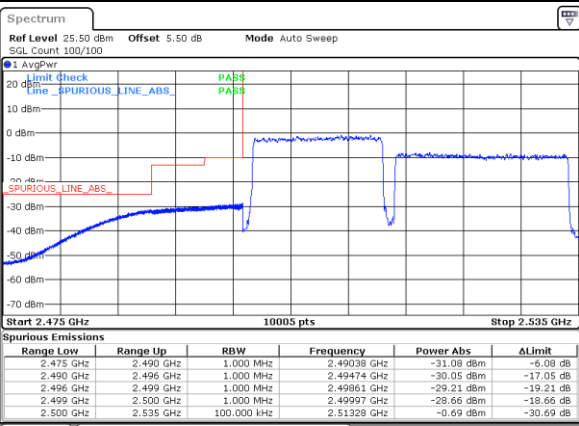


Date: 5.FEB.2024 12:56:11

Date: 5.FEB.2024 13:10:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.FEB.2024 12:59:59

Date: 5.FEB.2024 13:16:56