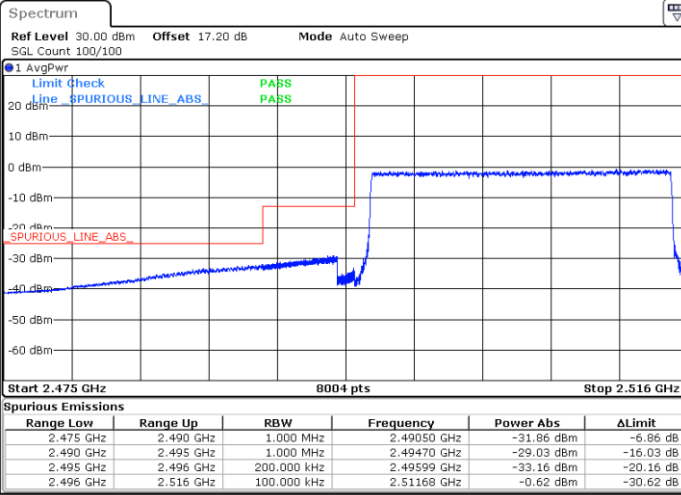




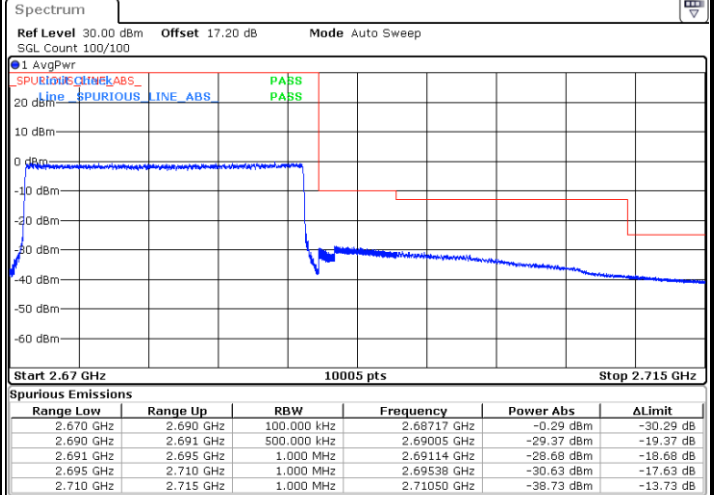
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 14.MAR.2024 16:27:31

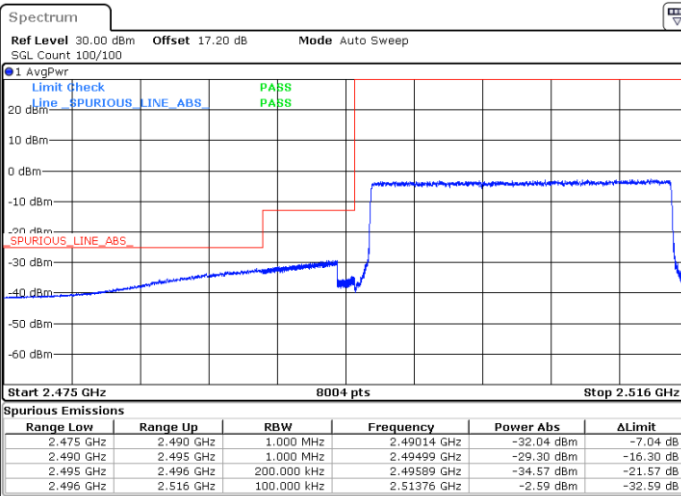
Highest Band Edge / Full RB



Date: 14.MAR.2024 16:35:50

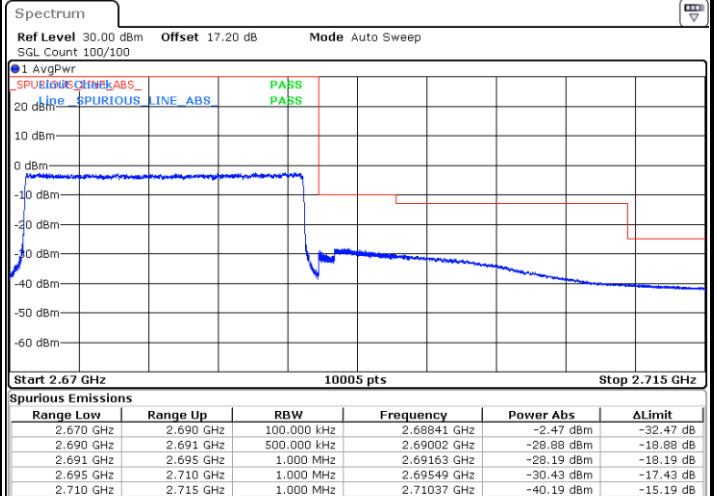
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 14.MAR.2024 16:28:23

Highest Band Edge / Full RB



Date: 14.MAR.2024 16:36:42

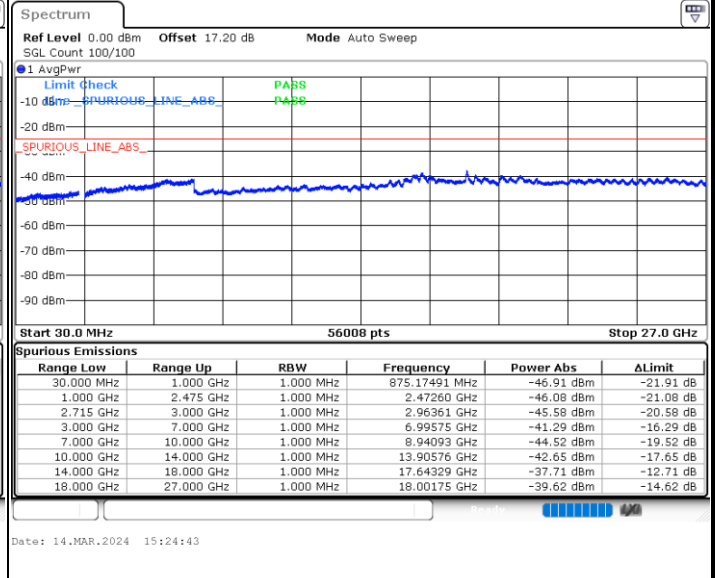
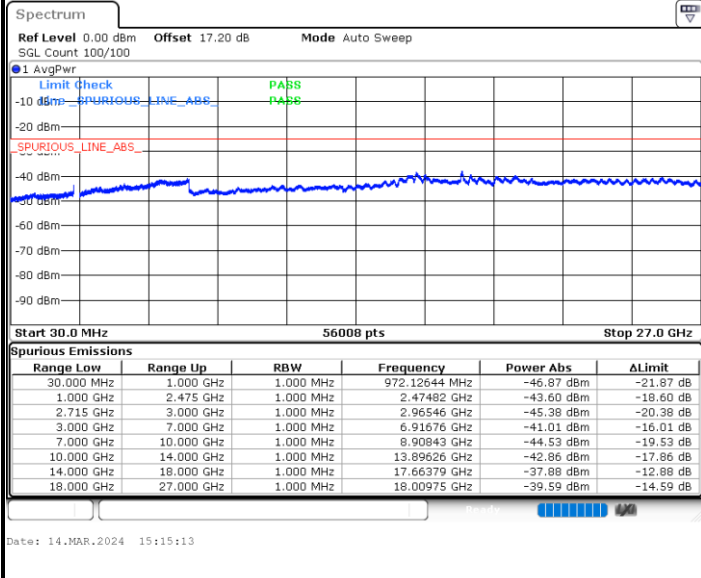


# Conducted Spurious Emission

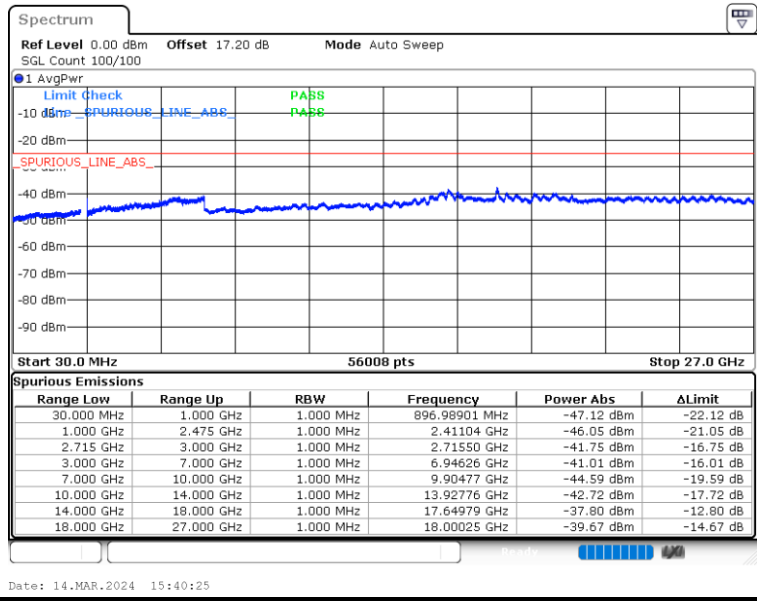
## LTE Band 41 / 5MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK



### Highest Channel / QPSK

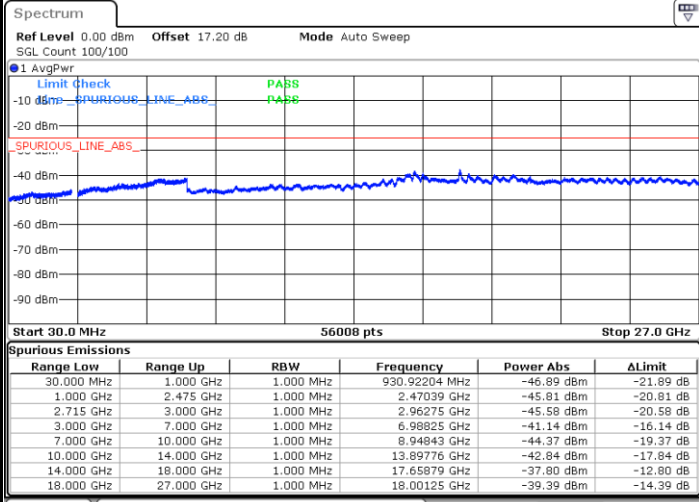




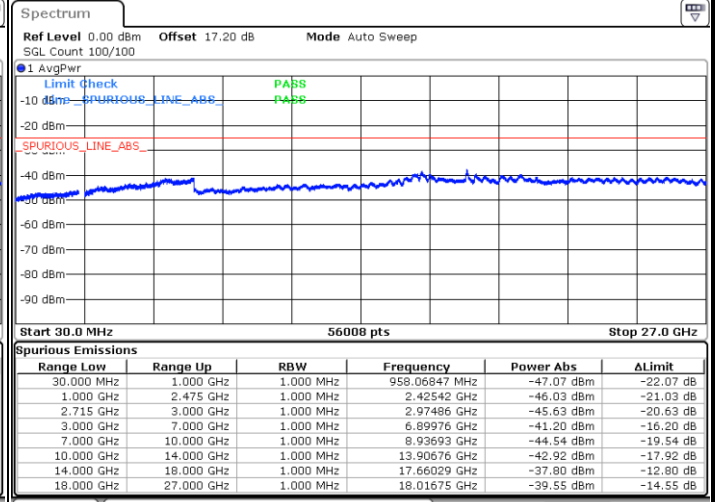
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

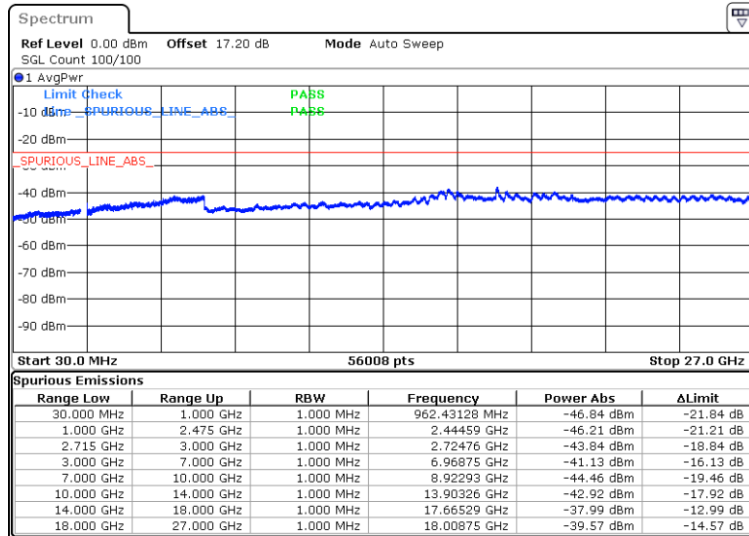


Date: 14.MAR.2024 16:39:14



Date: 14.MAR.2024 16:40:25

Highest Channel / QPSK



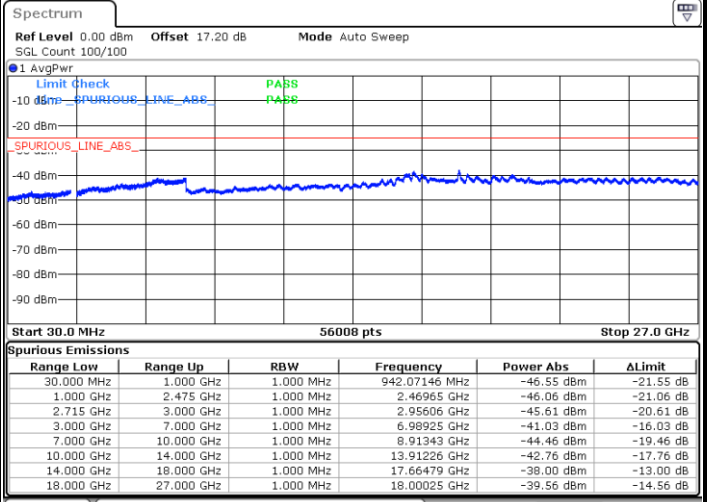
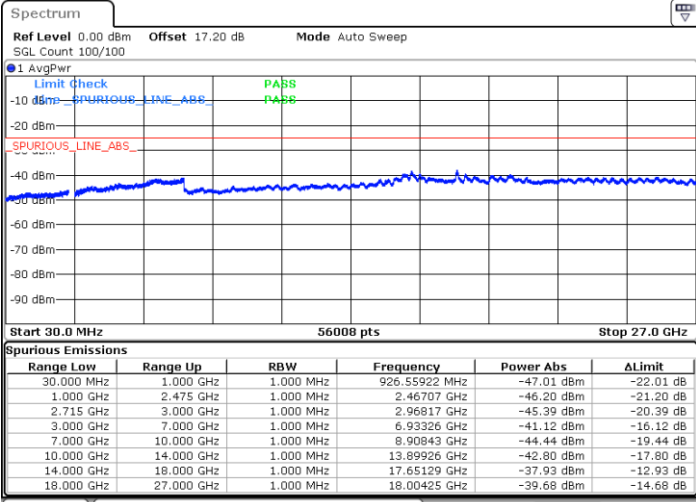
Date: 14.MAR.2024 16:41:37



LTE Band 41 / 15MHz

Lowest Channel / QPSK

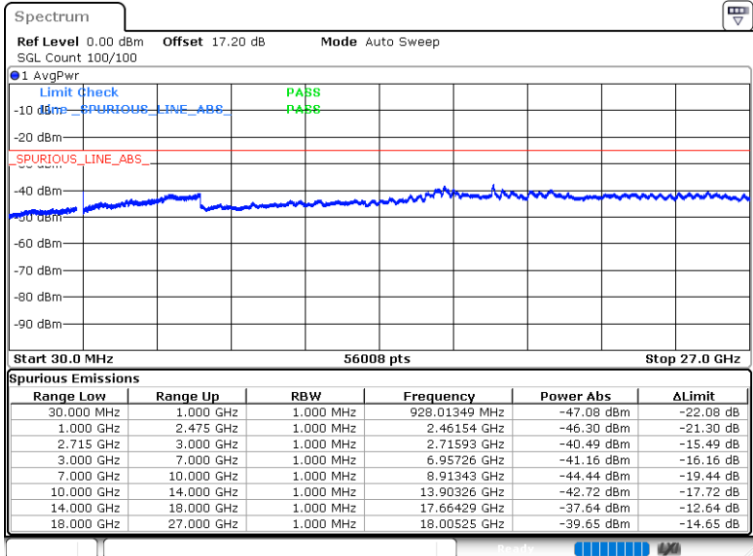
Middle Channel / QPSK



Date: 14.MAR.2024 16:42:49

Date: 14.MAR.2024 16:44:00

Highest Channel / QPSK



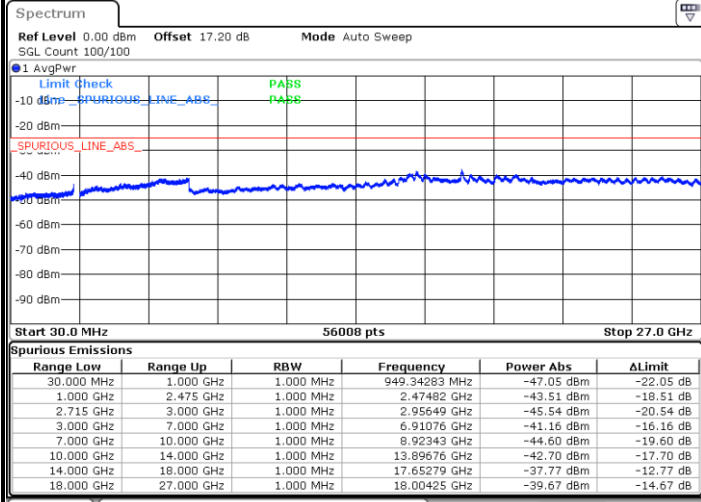
Date: 14.MAR.2024 16:45:11



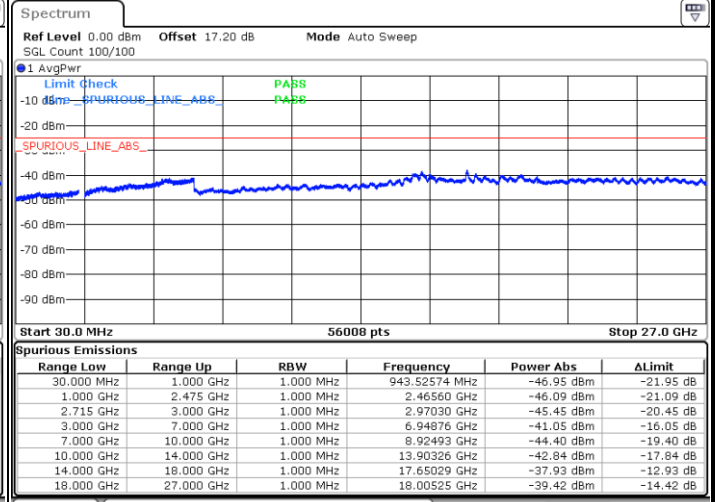
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

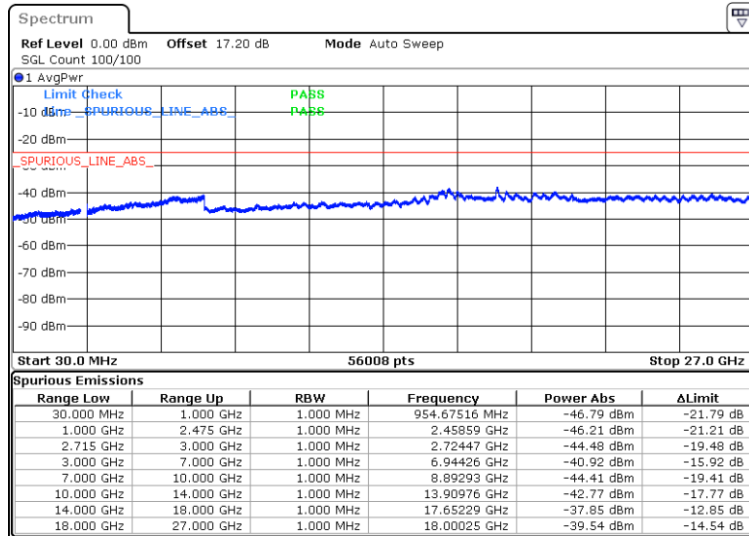


Date: 14.MAR.2024 16:46:23



Date: 14.MAR.2024 16:47:35

Highest Channel / QPSK



Date: 14.MAR.2024 16:48:46



### 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	0.0011	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0016	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

**Note:**

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41C

## 26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	25.02	25.47	29.91	25.42	30.56
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.03	25.22	30.14	34.96	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.87	25.37	29.85	25.42	30.50
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	25.07	30.21	35.03	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.87	25.17	29.96	25.27	30.80
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.03	25.17	30.08	35.03	40.03

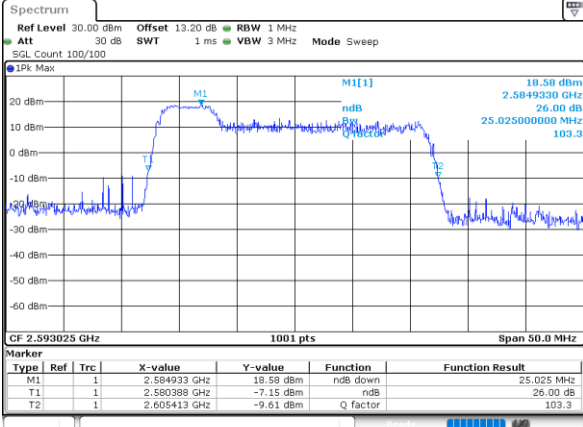
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.77	25.27	29.85	25.42	30.56
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	25.07	30.21	35.03	40.03



LTE Band 41C

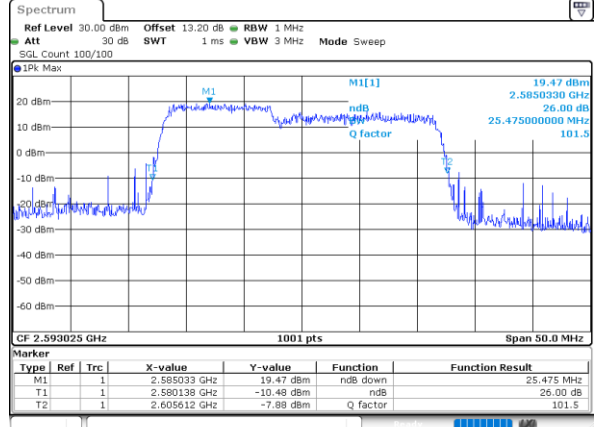
QPSK

Middle Channel / 5MHz+20MHz



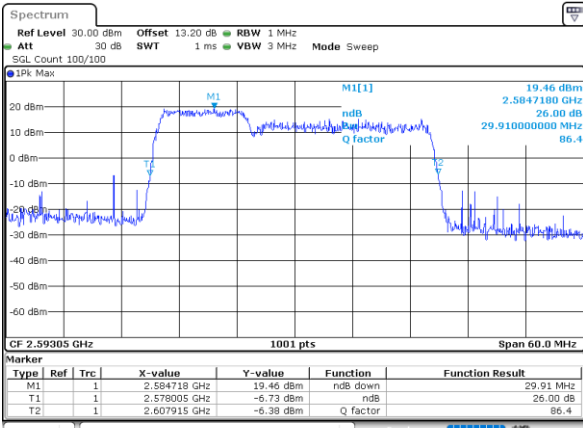
Date: 14\_MAR\_2024 23:14:14

Middle Channel / 10MHz+15MHz



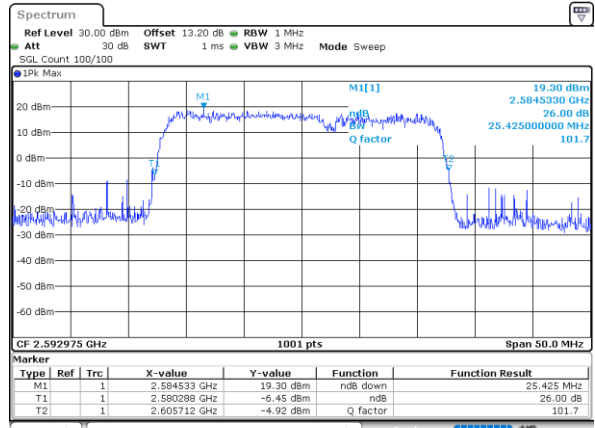
Date: 14\_MAR\_2024 23:24:43

Middle Channel / 10MHz+20MHz



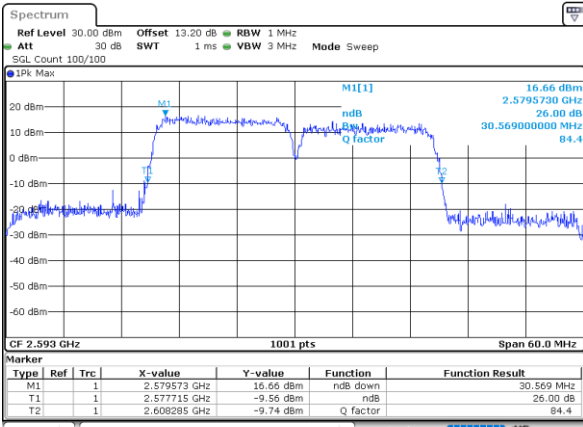
Date: 15\_MAR\_2024 00:09:07

Middle Channel / 15MHz+10MHz



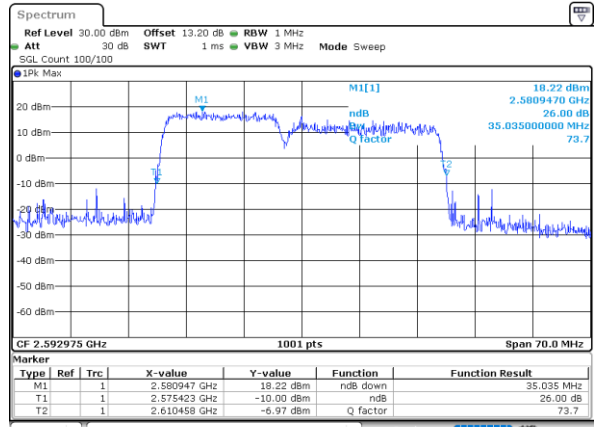
Date: 14\_MAR\_2024 23:29:05

Middle Channel / 15MHz+15MHz



Date: 15\_MAR\_2024 00:39:48

Middle Channel / 15MHz+20MHz



Date: 15\_MAR\_2024 00:43:15

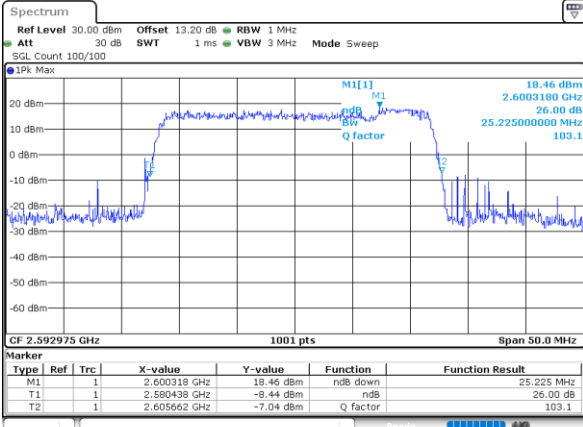




LTE Band 41C

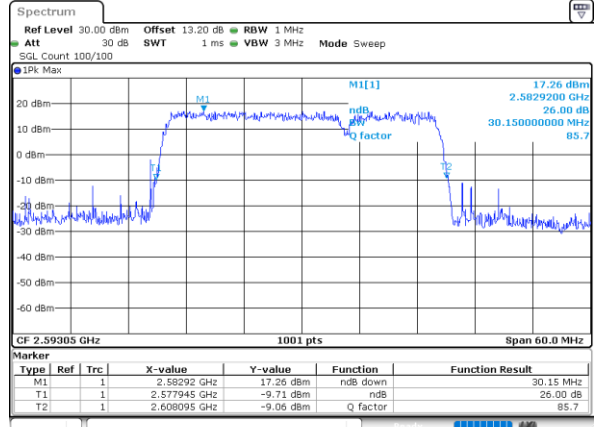
QPSK

Middle Channel / 20MHz+5MHz



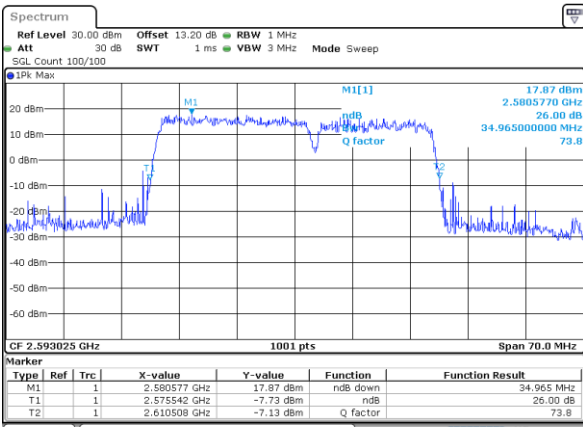
Date: 14.MAR.2024 23:19:52

Middle Channel / 20MHz+10MHz



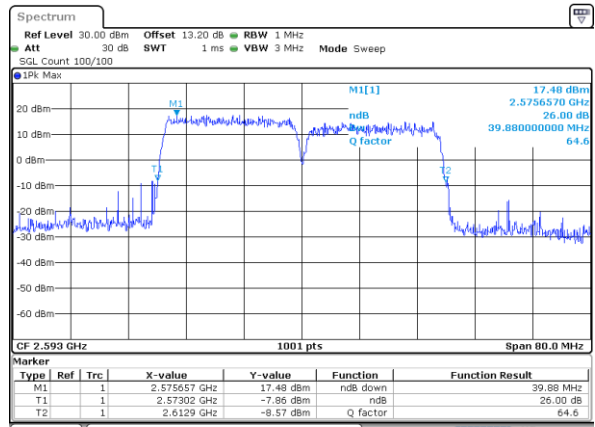
Date: 15.MAR.2024 00:13:12

Middle Channel / 20MHz+15MHz



Date: 15.MAR.2024 01:04:00

Middle Channel / 20MHz+20MHz



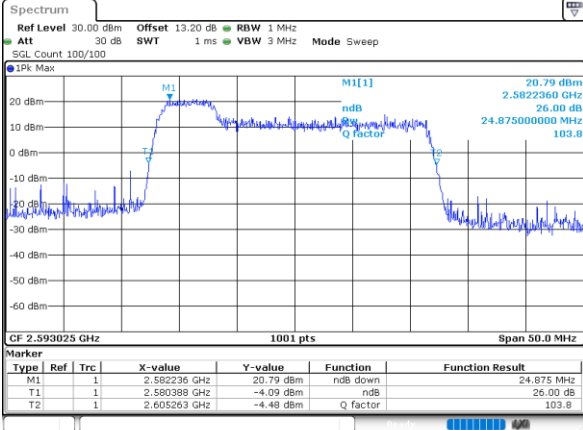
Date: 15.MAR.2024 01:07:16



LTE Band 41C

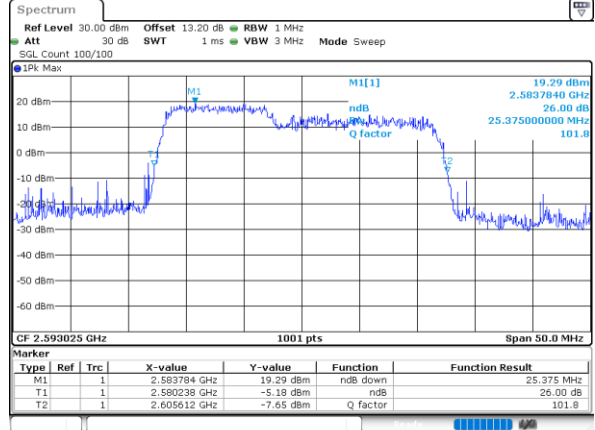
16QAM

Middle Channel / 5MHz+20MHz



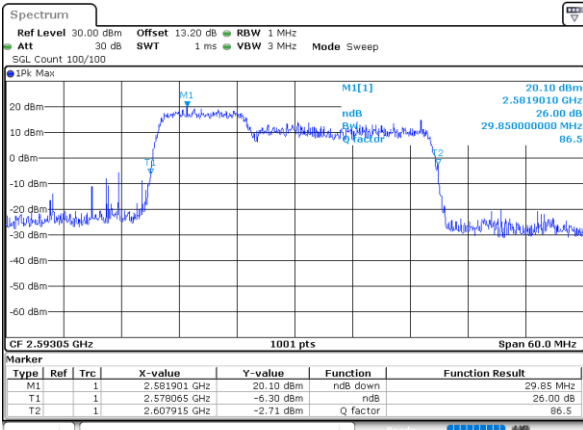
Date: 14\_MAR\_2024 23:13:40

Middle Channel / 10MHz+15MHz



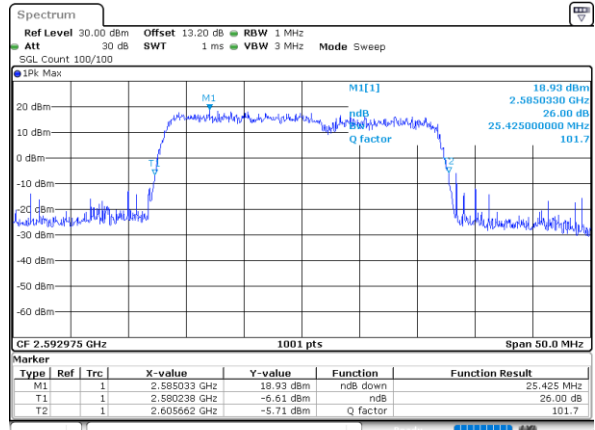
Date: 14\_MAR\_2024 23:24:17

Middle Channel / 10MHz+20MHz



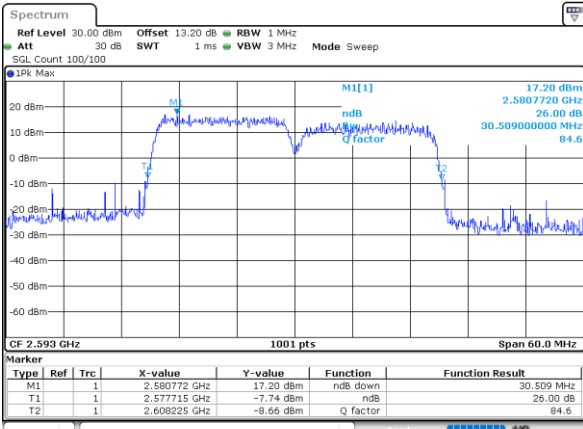
Date: 15\_MAR\_2024 00:08:42

Middle Channel / 15MHz+10MHz



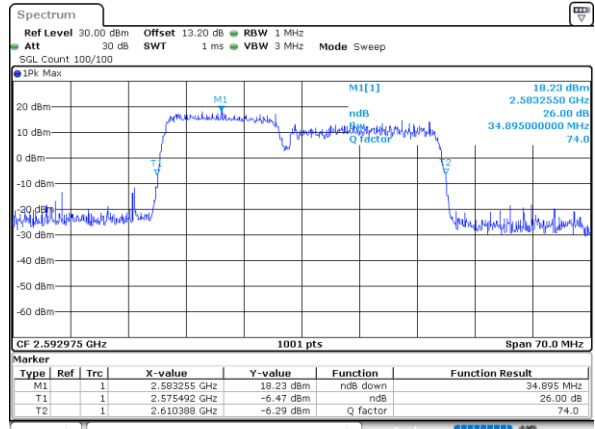
Date: 14\_MAR\_2024 23:28:39

Middle Channel / 15MHz+15MHz



Date: 15\_MAR\_2024 00:39:22

Middle Channel / 15MHz+20MHz



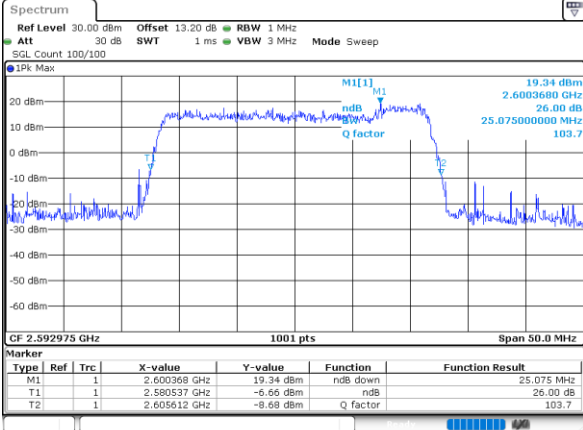
Date: 15\_MAR\_2024 00:42:50



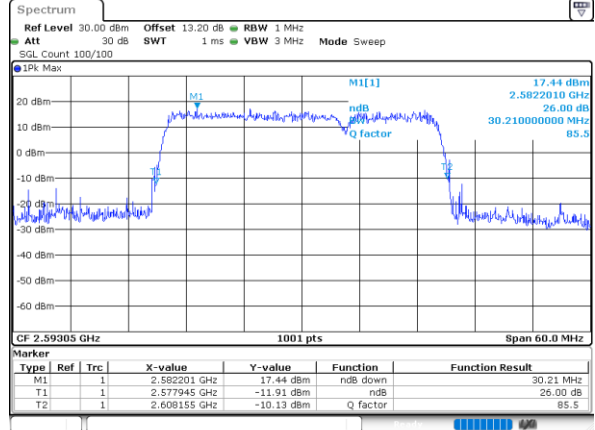
LTE Band 41C

16QAM

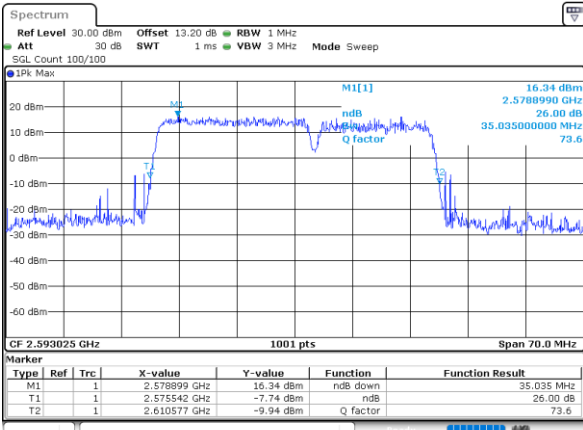
Middle Channel / 20MHz+5MHz



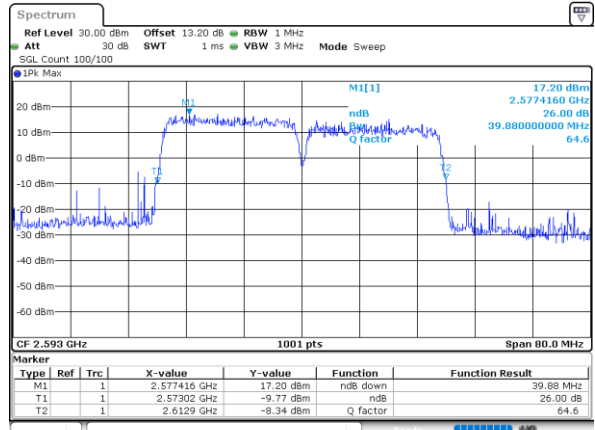
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

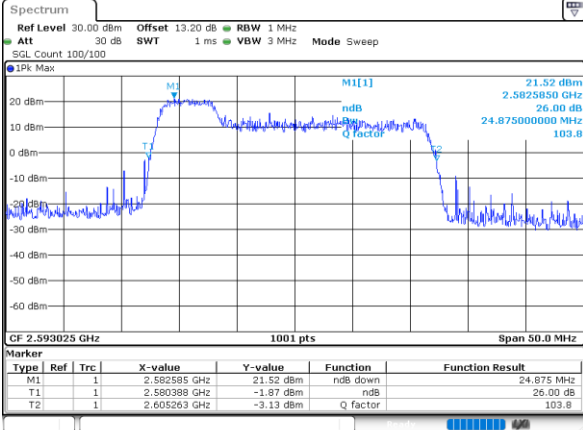




LTE Band 41C

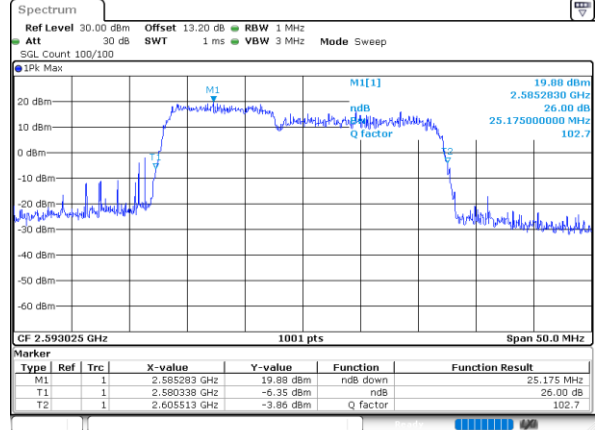
64QAM

Middle Channel / 5MHz+20MHz



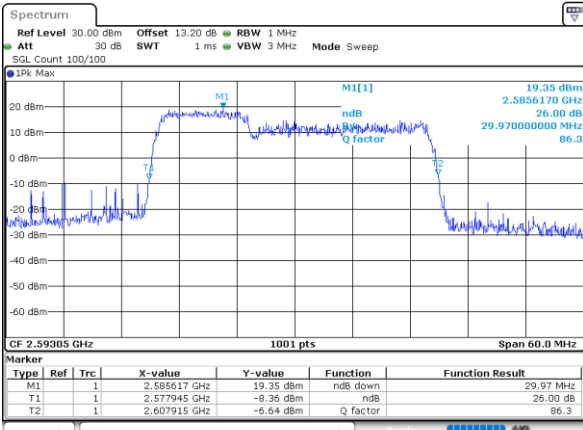
Date: 14\_MAR\_2024 23:13:23

Middle Channel / 10MHz+15MHz



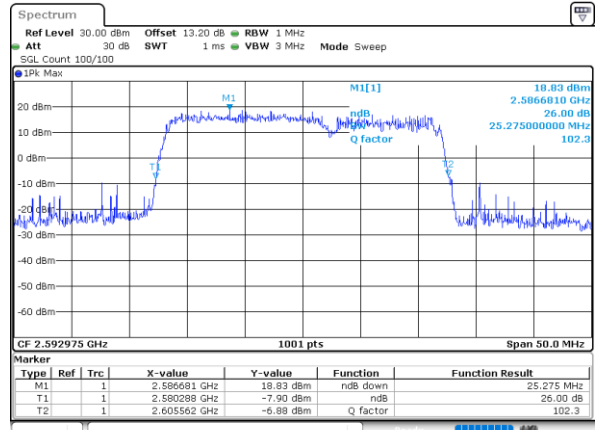
Date: 14\_MAR\_2024 23:23:52

Middle Channel / 10MHz+20MHz



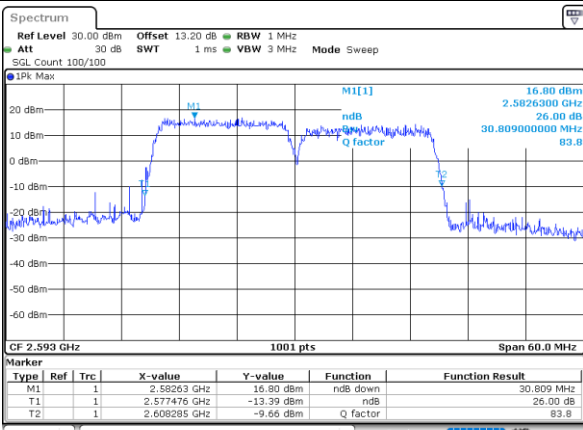
Date: 15\_MAR\_2024 00:08:12

Middle Channel / 15MHz+10MHz



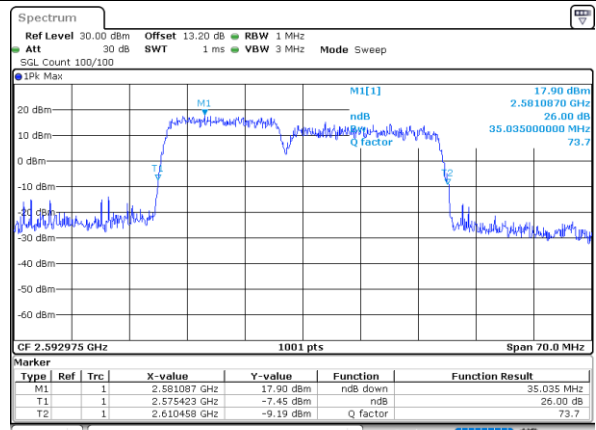
Date: 14\_MAR\_2024 23:28:14

Middle Channel / 15MHz+15MHz



Date: 15\_MAR\_2024 00:38:56

Middle Channel / 15MHz+20MHz



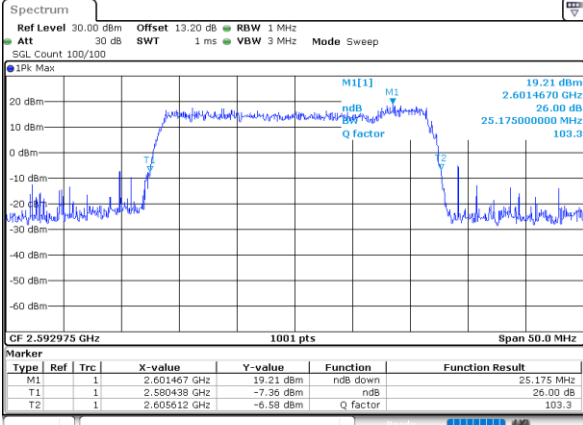
Date: 15\_MAR\_2024 00:42:24



LTE Band 41C

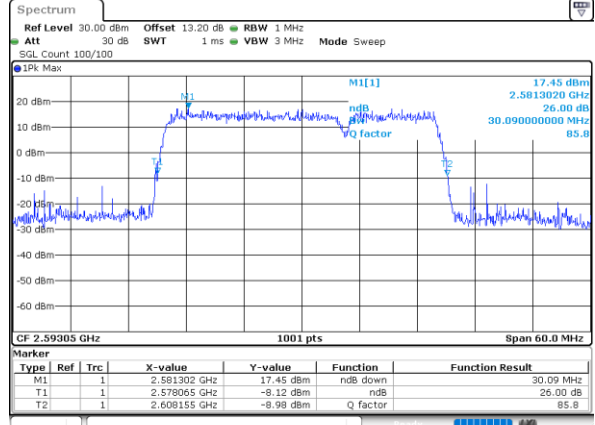
64QAM

Middle Channel / 20MHz+5MHz



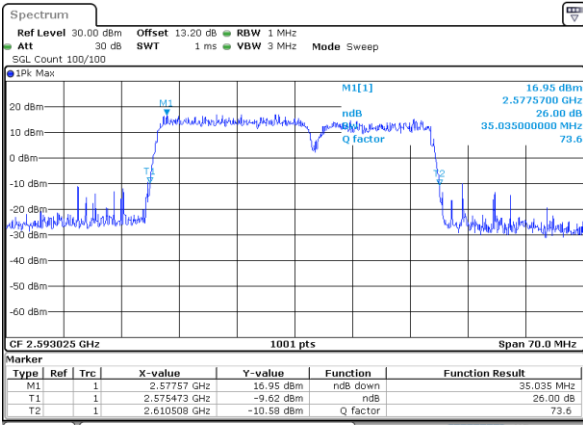
Date: 14.MAR.2024 23:19:01

Middle Channel / 20MHz+10MHz



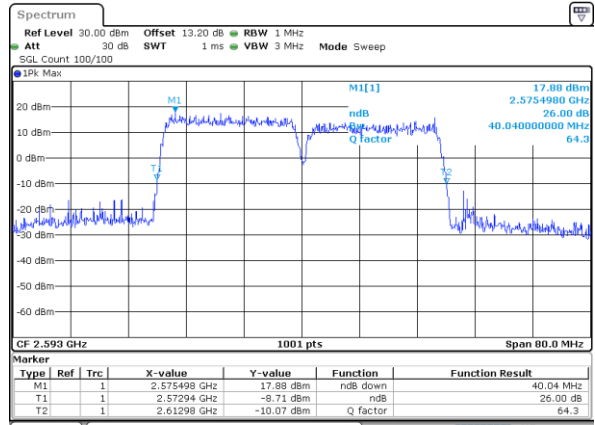
Date: 15.MAR.2024 00:35:21

Middle Channel / 20MHz+15MHz



Date: 15.MAR.2024 00:55:48

Middle Channel / 20MHz+20MHz



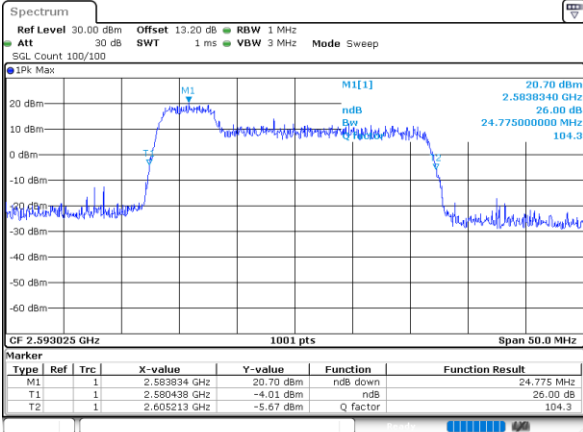
Date: 15.MAR.2024 01:06:45



LTE Band 41C

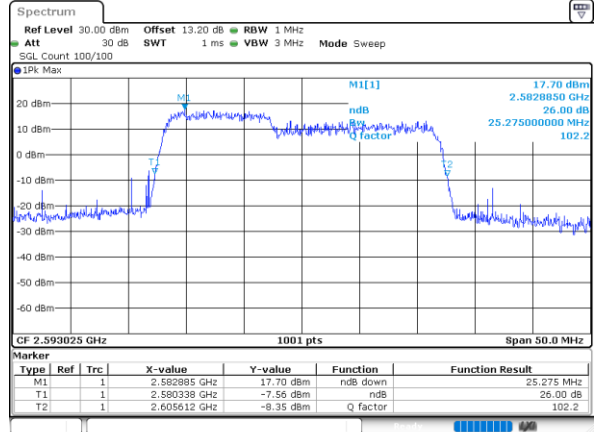
256QAM

Middle Channel / 5MHz+20MHz



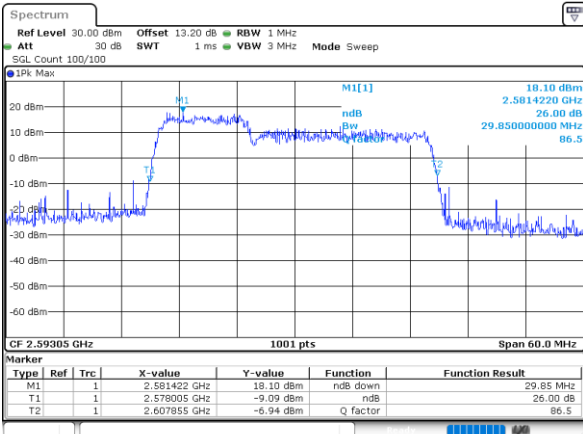
Date: 14\_MAR\_2024 23:12:57

Middle Channel / 10MHz+15MHz



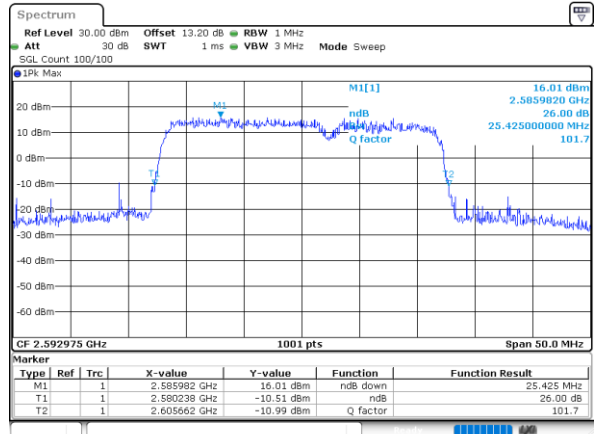
Date: 14\_MAR\_2024 23:12:26

Middle Channel / 10MHz+20MHz



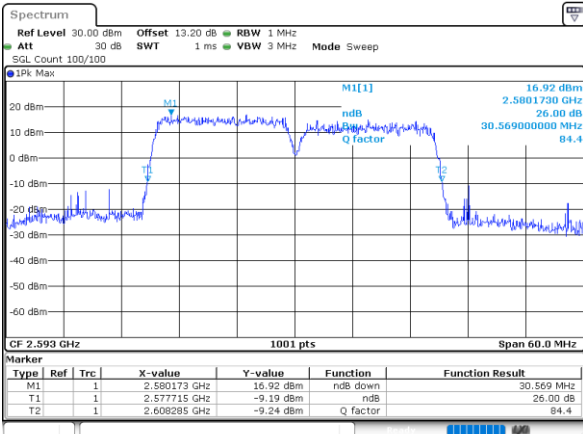
Date: 15\_MAR\_2024 00:07:46

Middle Channel / 15MHz+10MHz



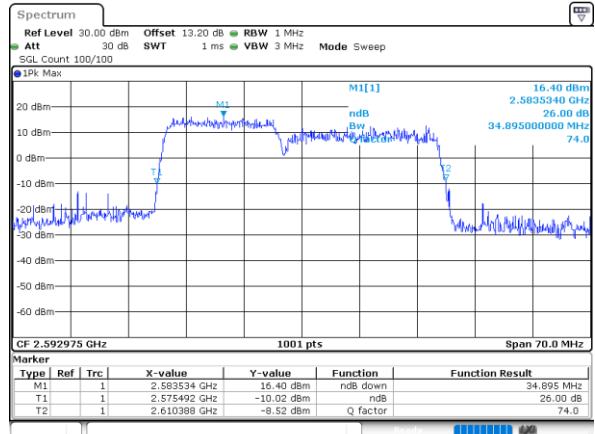
Date: 14\_MAR\_2024 23:12:49

Middle Channel / 15MHz+15MHz



Date: 15\_MAR\_2024 00:38:27

Middle Channel / 15MHz+20MHz



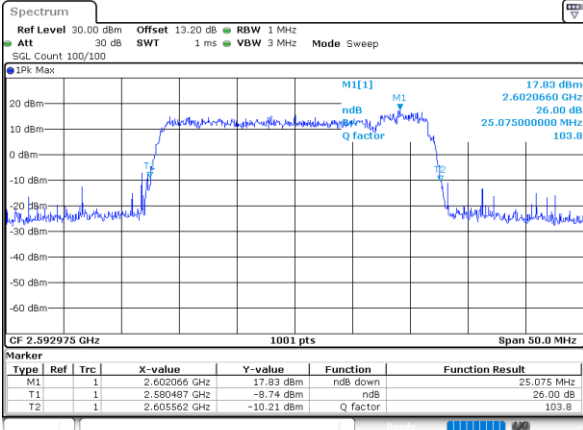
Date: 15\_MAR\_2024 00:41:58



LTE Band 41C

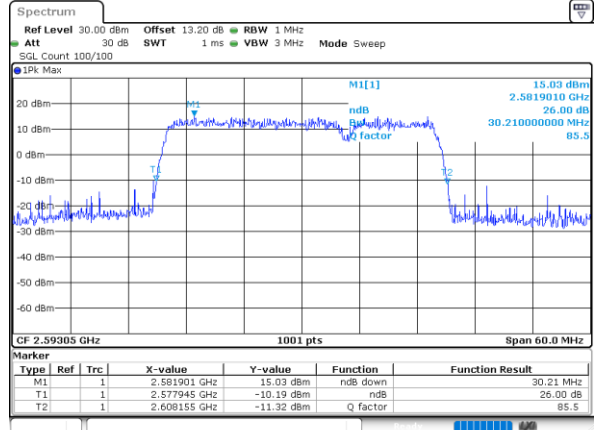
256QAM

Middle Channel / 20MHz+5MHz



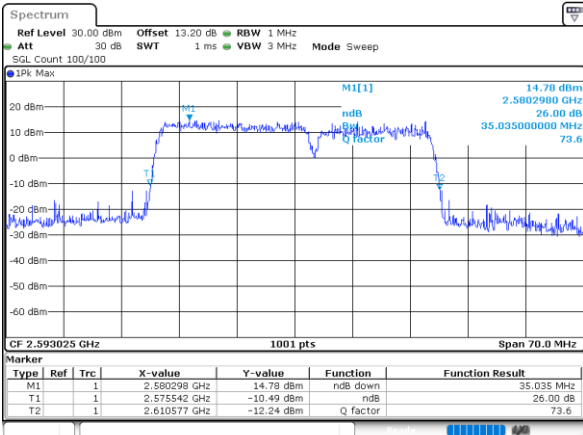
Date: 14.MAR.2024 23:18:35

Middle Channel / 20MHz+10MHz



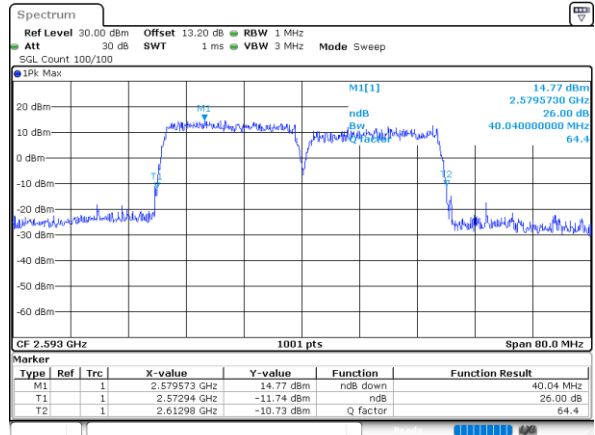
Date: 15.MAR.2024 00:13:47

Middle Channel / 20MHz+15MHz



Date: 15.MAR.2024 00:55:22

Middle Channel / 20MHz+20MHz



Date: 15.MAR.2024 01:06:19



### Occupied Bandwidth

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.22	23.52	28.11	23.57	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.93	23.37	28.11	32.79	37.88

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.17	23.47	27.99	23.37	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.86	23.37	27.99	32.93	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.22	23.52	27.99	23.37	28.71
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.79	23.22	28.05	32.93	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.27	23.47	28.05	23.57	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.93	23.37	27.99	32.86	37.72

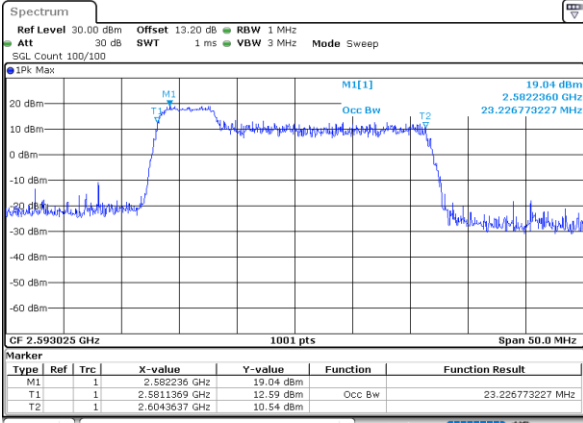




LTE Band 41C

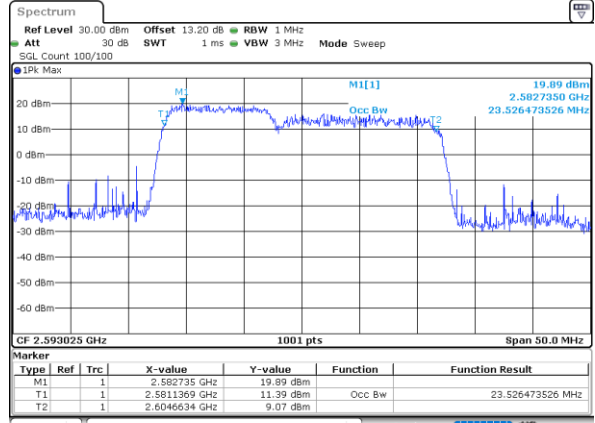
QPSK

Middle Channel / 5MHz+20MHz



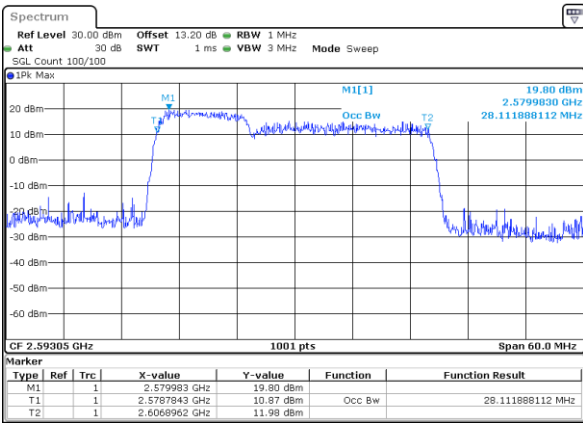
Date: 14\_MAR\_2024 23:11:16

Middle Channel / 10MHz+15MHz



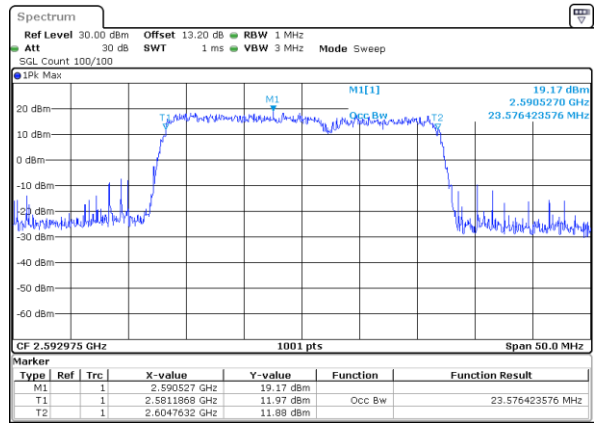
Date: 14\_MAR\_2024 23:12:145

Middle Channel / 10MHz+20MHz



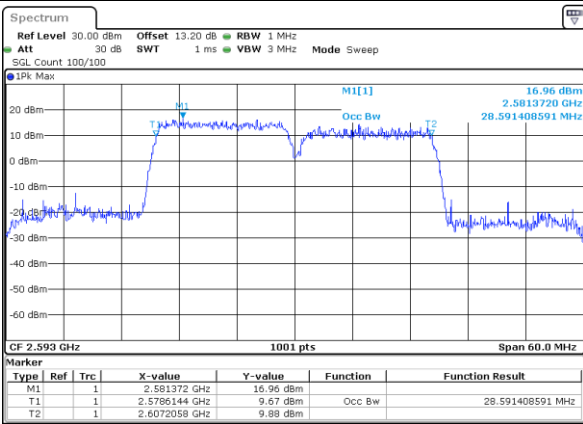
Date: 14\_MAR\_2024 23:29:41

Middle Channel / 15MHz+10MHz



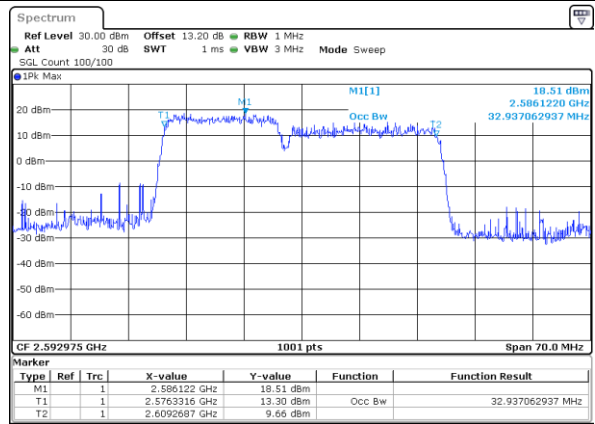
Date: 14\_MAR\_2024 23:12:120

Middle Channel / 15MHz+15MHz



Date: 15\_MAR\_2024 00:16:45

Middle Channel / 15MHz+20MHz



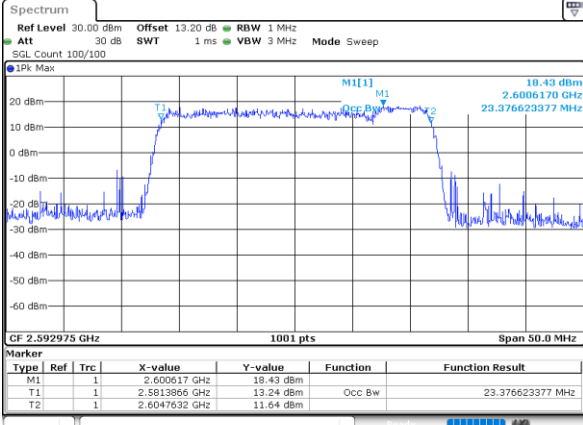
Date: 15\_MAR\_2024 00:14:017



LTE Band 41C

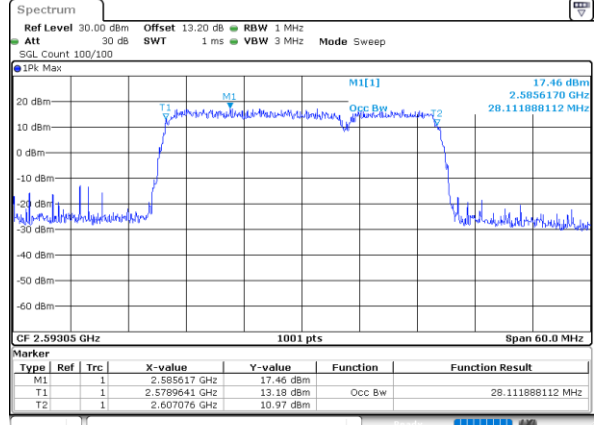
QPSK

Middle Channel / 20MHz+5MHz



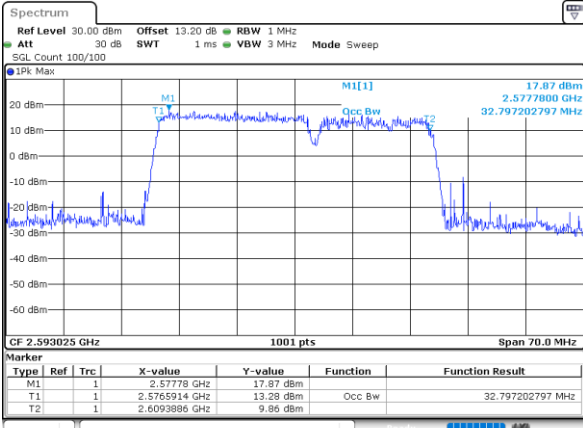
Date: 14.MAR.2024 23:16:14

Middle Channel / 20MHz+10MHz



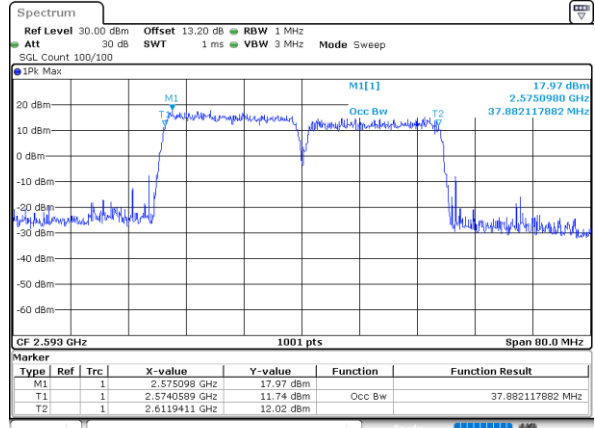
Date: 15.MAR.2024 00:33:01

Middle Channel / 20MHz+15MHz



Date: 15.MAR.2024 00:43:48

Middle Channel / 20MHz+20MHz



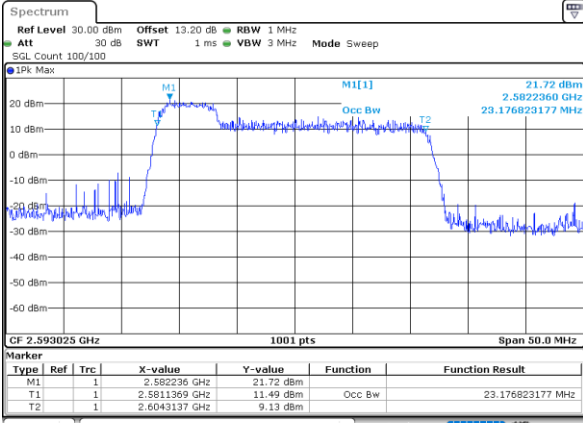
Date: 15.MAR.2024 01:04:34



LTE Band 41C

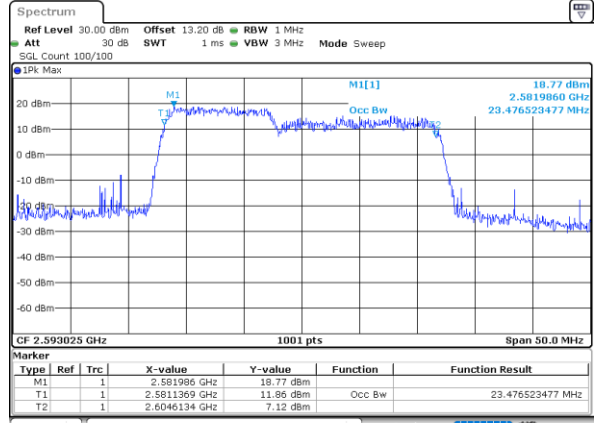
16QAM

Middle Channel / 5MHz+20MHz



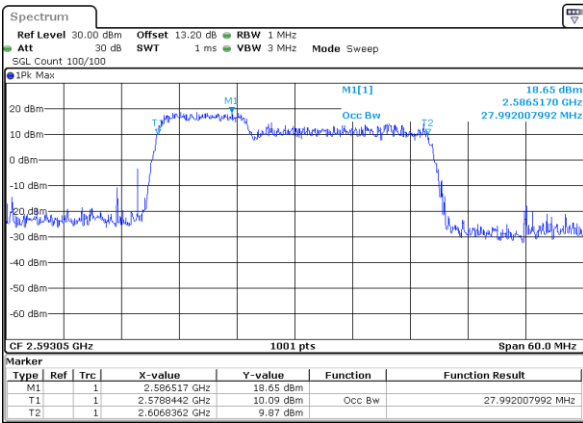
Date: 14\_MAR\_2024 23:11:42

Middle Channel / 10MHz+15MHz



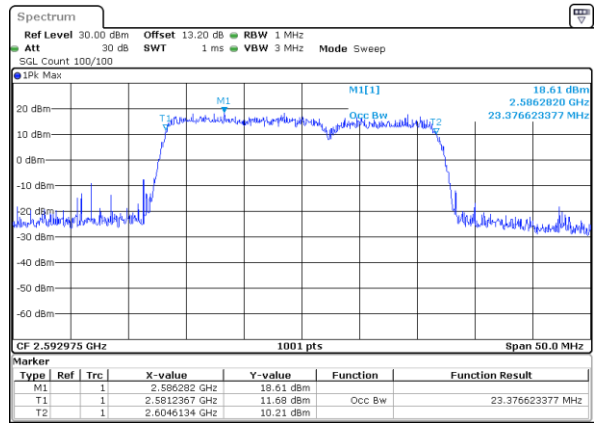
Date: 14\_MAR\_2024 23:22:11

Middle Channel / 10MHz+20MHz



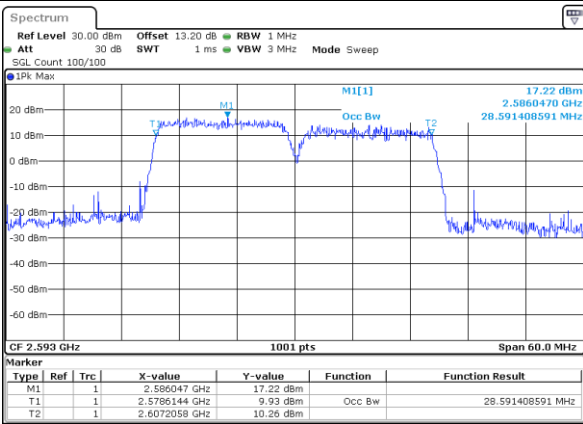
Date: 14\_MAR\_2024 23:39:15

Middle Channel / 15MHz+10MHz



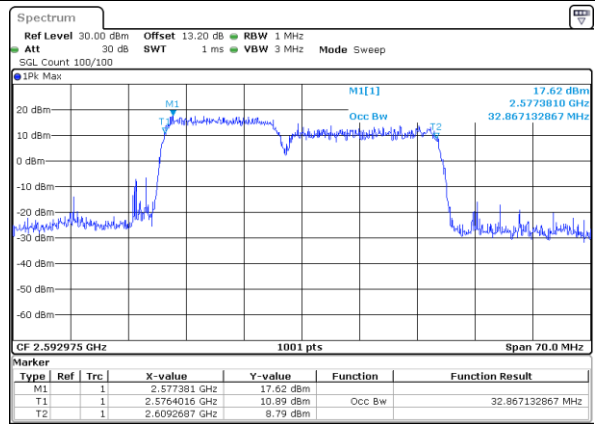
Date: 14\_MAR\_2024 23:25:50

Middle Channel / 15MHz+15MHz



Date: 15\_MAR\_2024 00:37:11

Middle Channel / 15MHz+20MHz



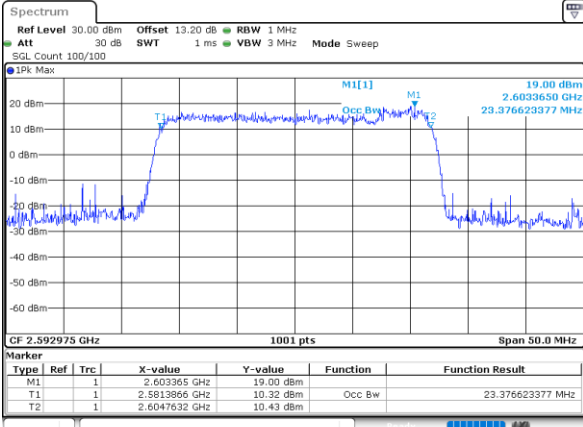
Date: 15\_MAR\_2024 00:40:43



LTE Band 41C

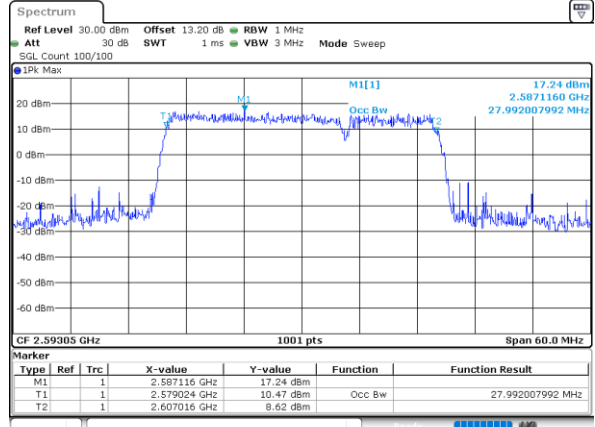
16QAM

Middle Channel / 20MHz+5MHz



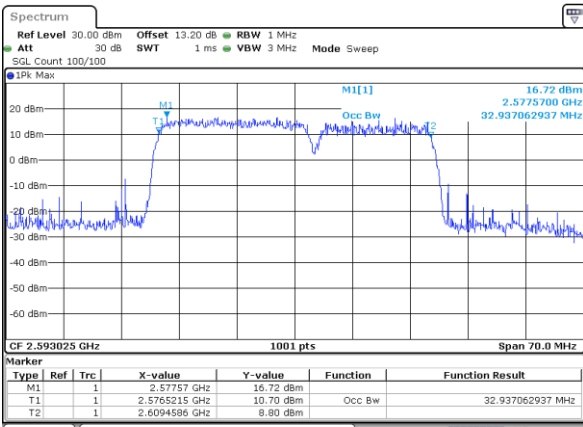
Date: 14.MAR.2024 23:16:39

Middle Channel / 20MHz+10MHz



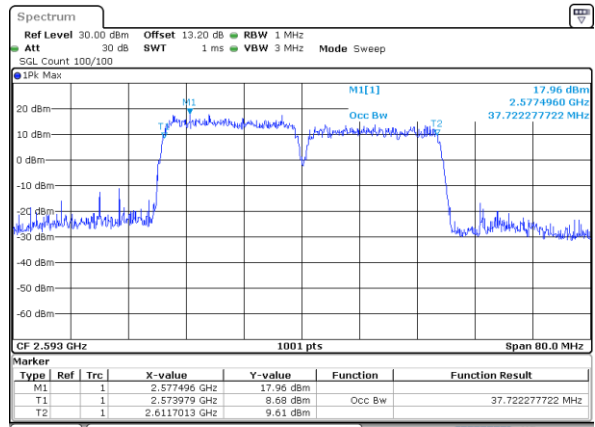
Date: 15.MAR.2024 00:33:31

Middle Channel / 20MHz+15MHz



Date: 15.MAR.2024 00:44:14

Middle Channel / 20MHz+20MHz



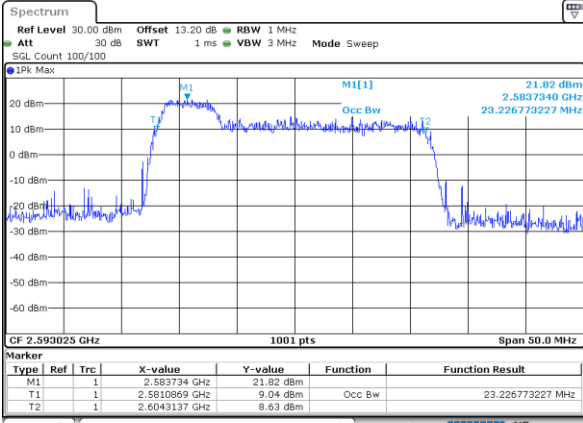
Date: 15.MAR.2024 01:05:00



LTE Band 41C

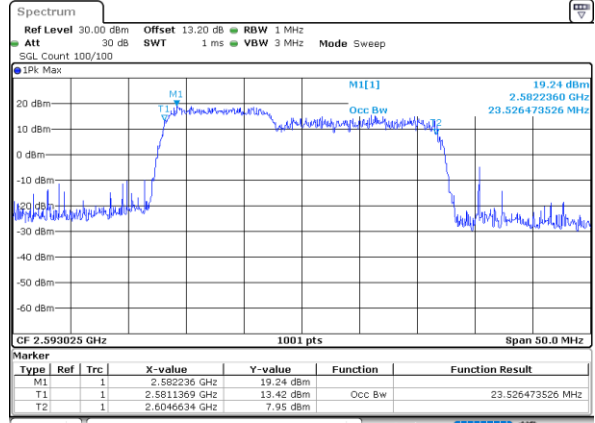
64QAM

Middle Channel / 5MHz+20MHz



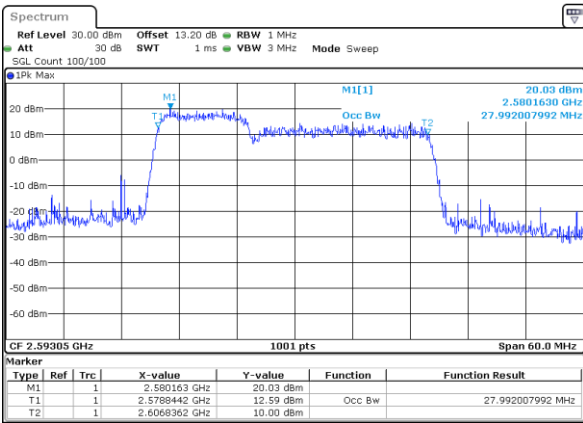
Date: 14\_MAR\_2024 23:12:07

Middle Channel / 10MHz+15MHz



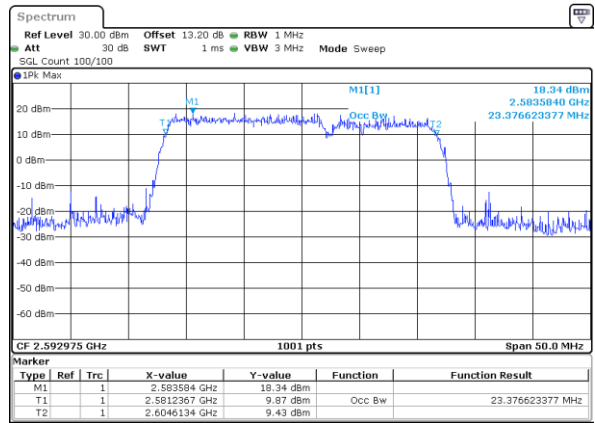
Date: 14\_MAR\_2024 23:22:36

Middle Channel / 10MHz+20MHz



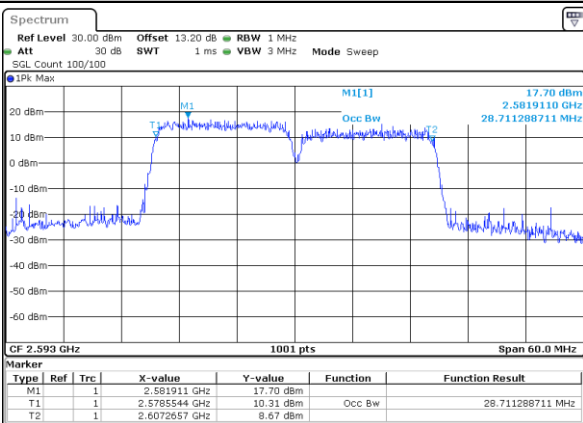
Date: 14\_MAR\_2024 23:59:41

Middle Channel / 15MHz+10MHz



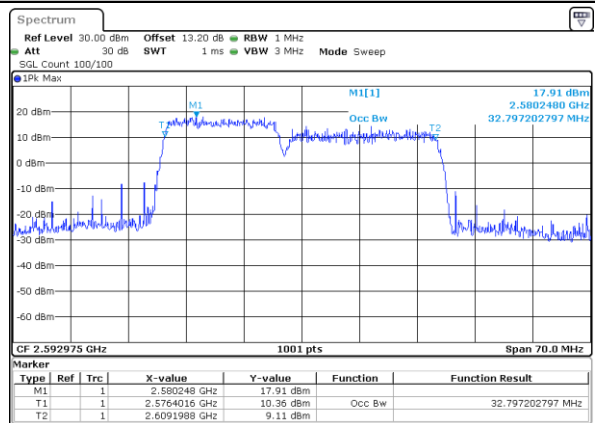
Date: 14\_MAR\_2024 23:26:19

Middle Channel / 15MHz+15MHz



Date: 15\_MAR\_2024 00:37:36

Middle Channel / 15MHz+20MHz



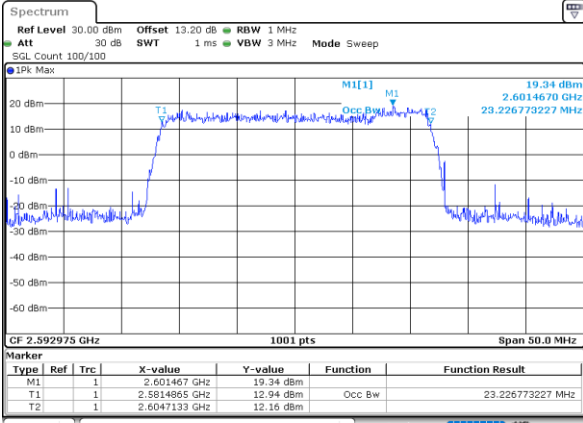
Date: 15\_MAR\_2024 00:41:09



LTE Band 41C

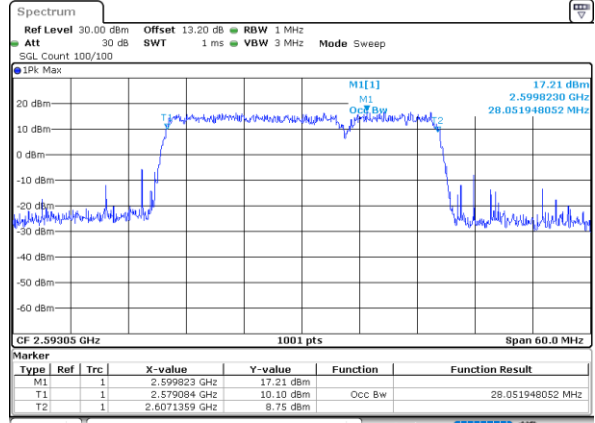
64QAM

Middle Channel / 20MHz+5MHz



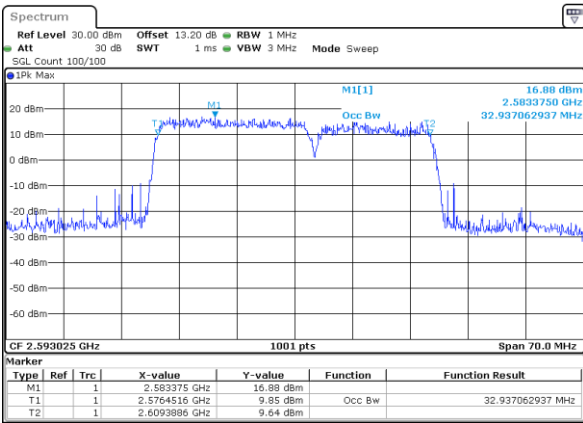
Date: 14.MAR.2024 23:17:05

Middle Channel / 20MHz+10MHz



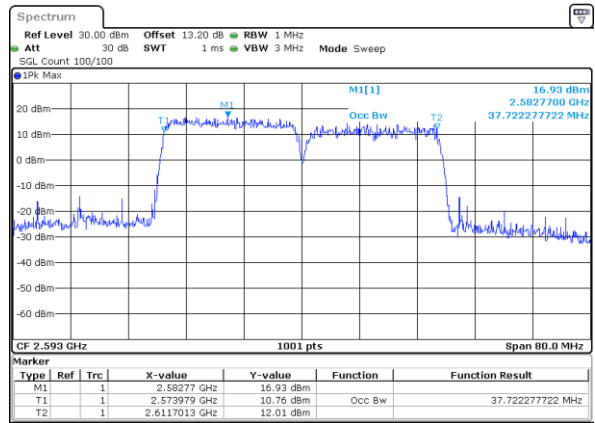
Date: 15.MAR.2024 00:33:57

Middle Channel / 20MHz+15MHz



Date: 15.MAR.2024 00:44:39

Middle Channel / 20MHz+20MHz



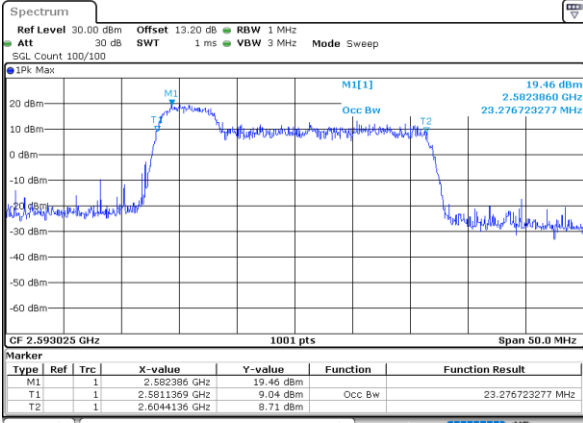
Date: 15.MAR.2024 01:05:25



LTE Band 41C

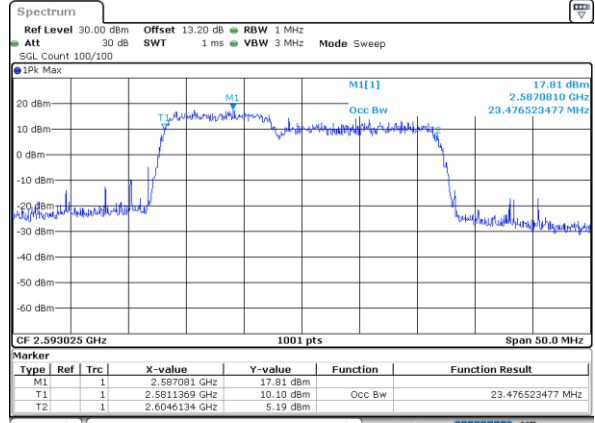
256QAM

Middle Channel / 5MHz+20MHz



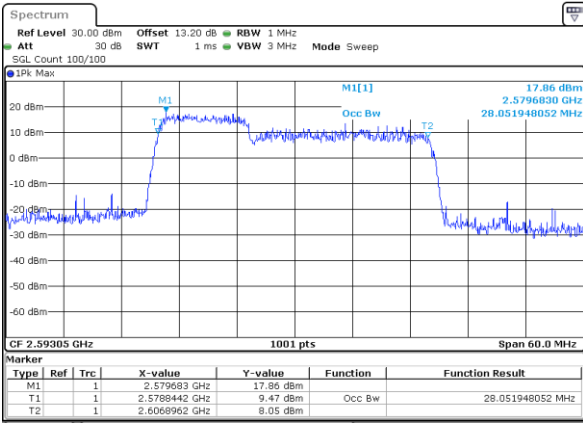
Date: 14\_MAR\_2024 23:12:33

Middle Channel / 10MHz+15MHz



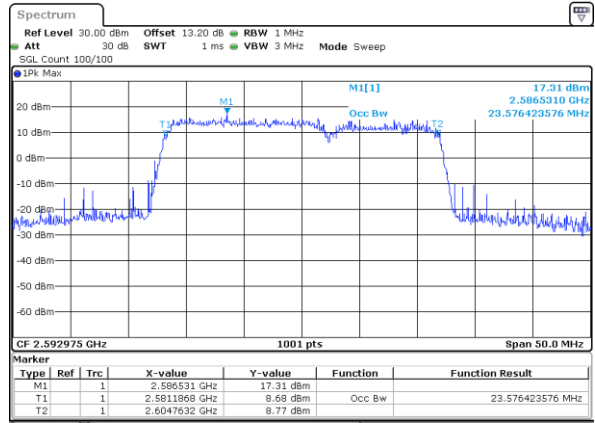
Date: 14\_MAR\_2024 23:12:02

Middle Channel / 10MHz+20MHz



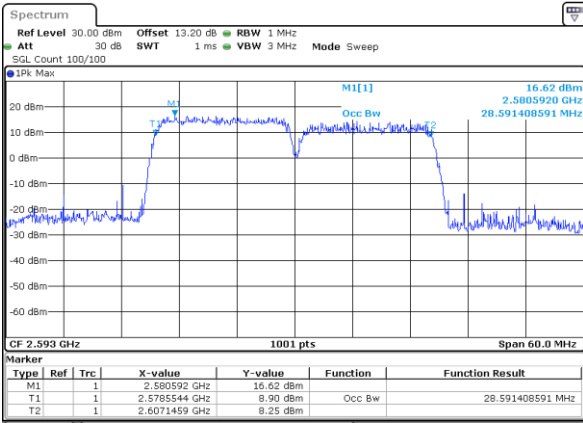
Date: 15\_MAR\_2024 00:07:22

Middle Channel / 15MHz+10MHz



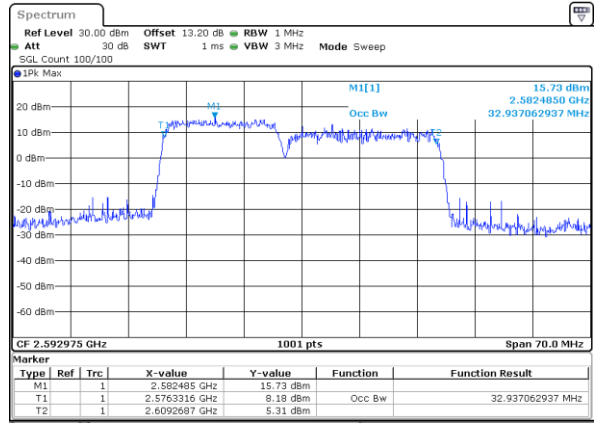
Date: 14\_MAR\_2024 23:12:14

Middle Channel / 15MHz+15MHz



Date: 15\_MAR\_2024 00:38:02

Middle Channel / 15MHz+20MHz



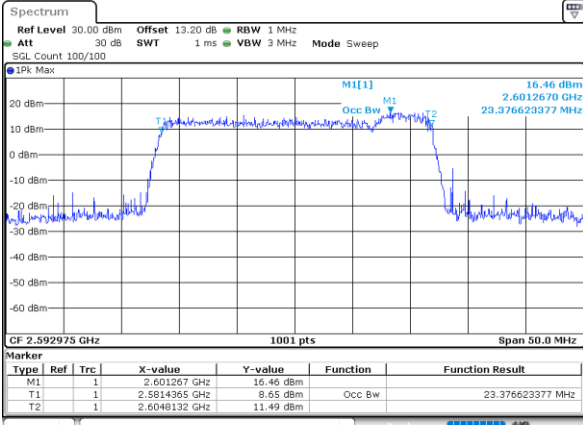
Date: 15\_MAR\_2024 00:41:34



LTE Band 41C

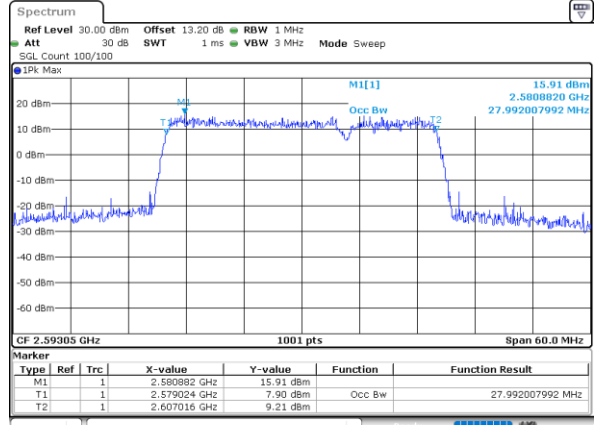
256QAM

Middle Channel / 20MHz+5MHz



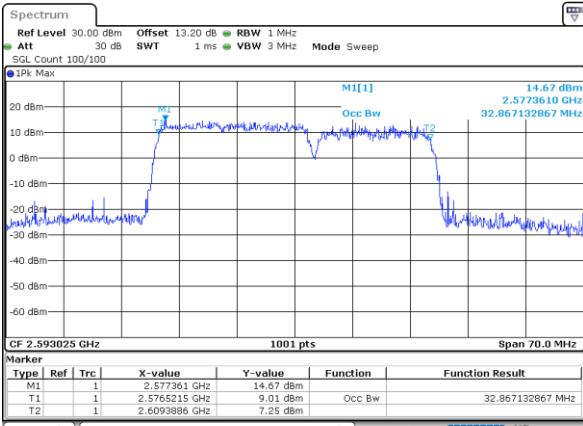
Date: 14.MAR.2024 23:17:31

Middle Channel / 20MHz+10MHz



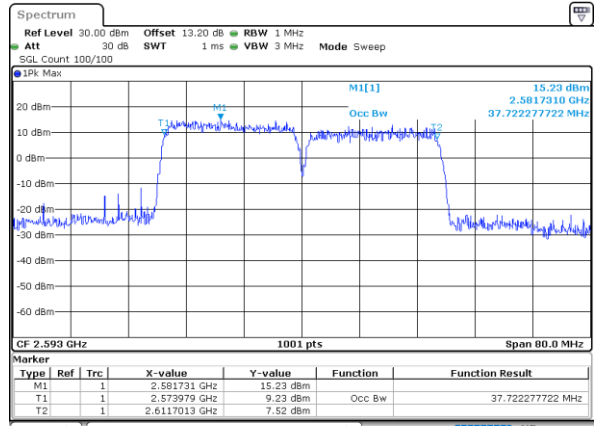
Date: 15.MAR.2024 00:13:23

Middle Channel / 20MHz+15MHz



Date: 15.MAR.2024 00:54:14

Middle Channel / 20MHz+20MHz



Date: 15.MAR.2024 01:05:55



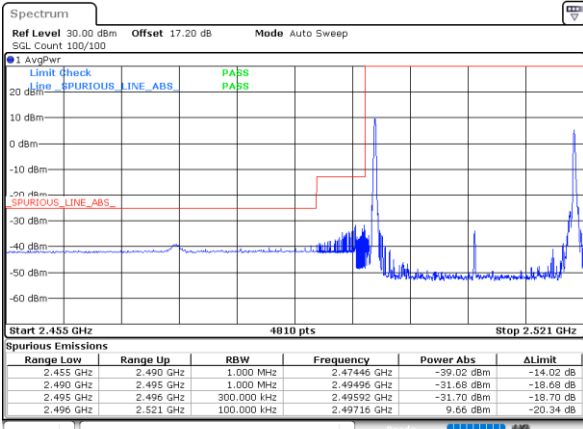


# Conducted Band Edge

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

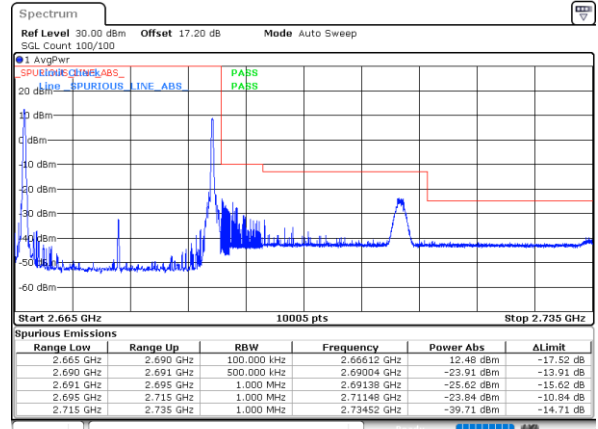
### QPSK

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



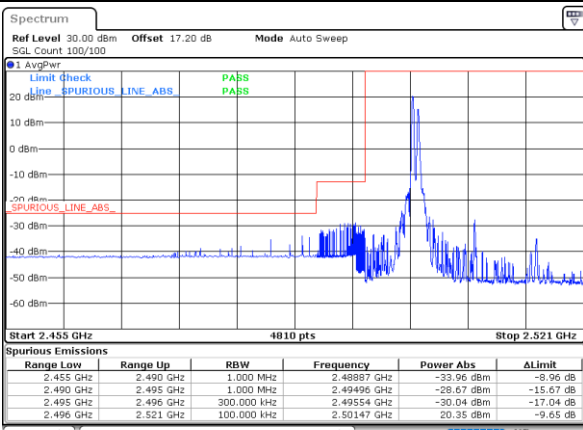
Date: 14.MAR.2024 18:03:20

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



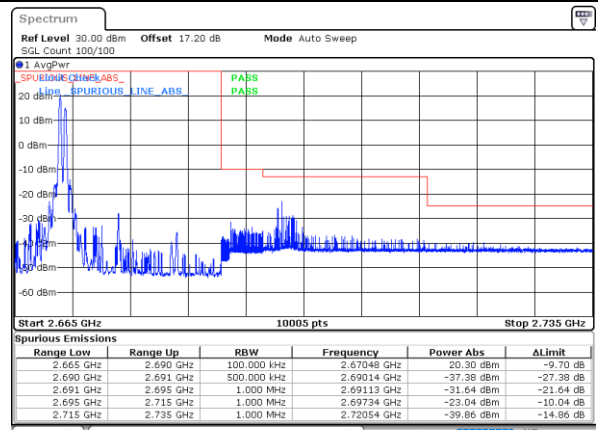
Date: 14.MAR.2024 17:48:12

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



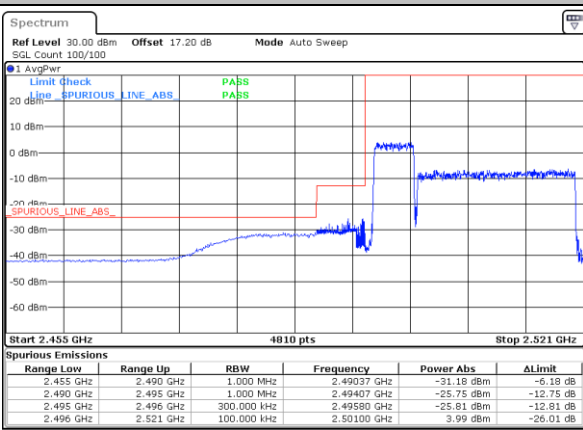
Date: 14.MAR.2024 18:07:00

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



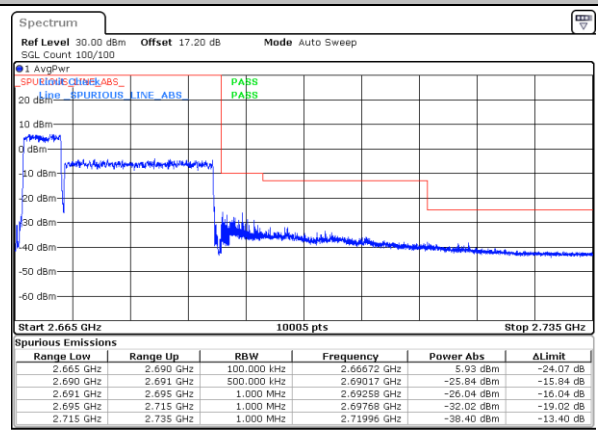
Date: 14.MAR.2024 17:53:31

#### Lowest Band Edge / Full RB



Date: 14.MAR.2024 17:58:27

#### Highest Band Edge / Full RB



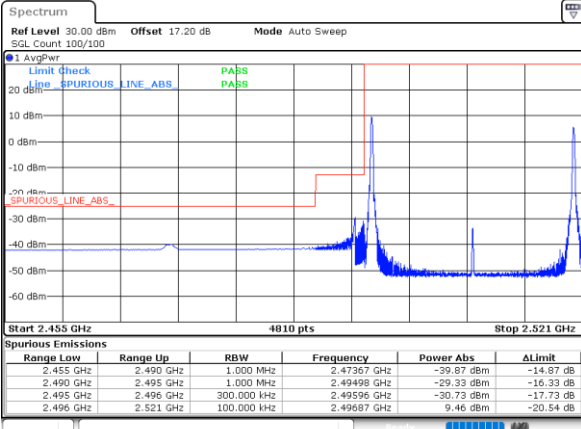
Date: 14.MAR.2024 17:43:18



LTE Band 41C / 10MHz+15MHz

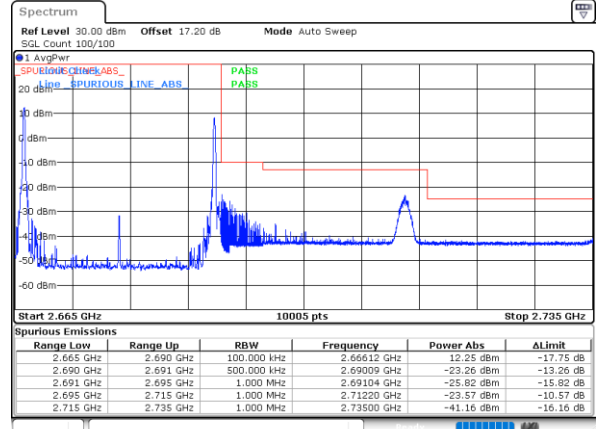
QPSK

Lowest Band Edge / 1RB0 and 1RB74



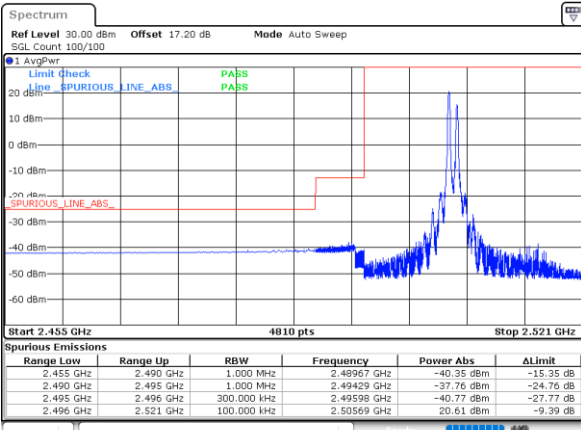
Date: 14.MAR.2024 18:33:58

Highest Band Edge / 1RB0 and 1RB74



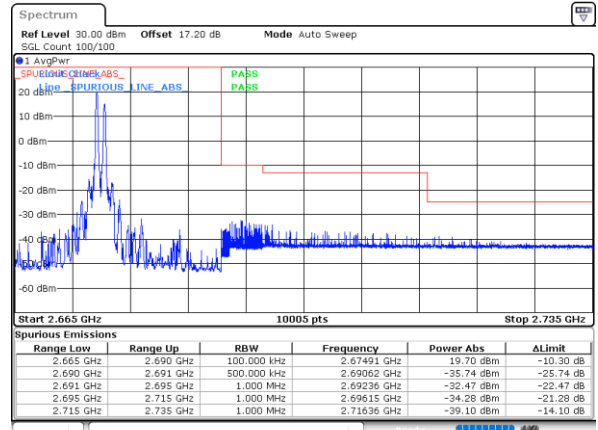
Date: 14.MAR.2024 18:20:22

Lowest Band Edge / 1RB49 and 1RB0



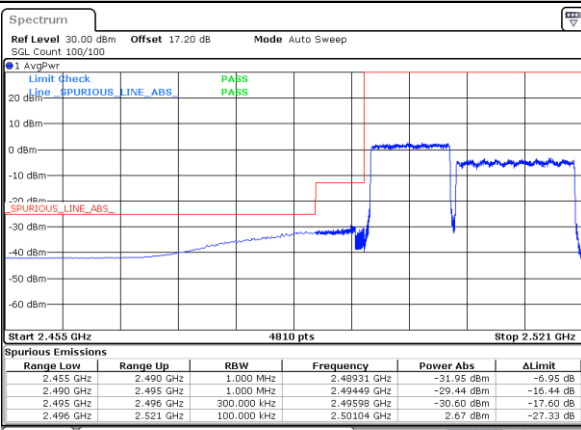
Date: 14.MAR.2024 18:37:37

Highest Band Edge / 1RB49 and 1RB0



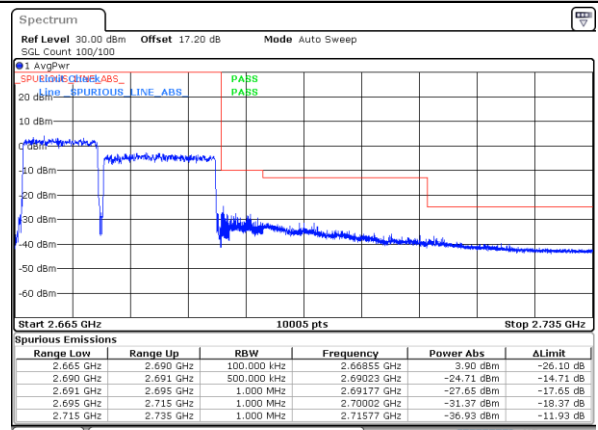
Date: 14.MAR.2024 18:24:10

Lowest Band Edge / Full RB



Date: 14.MAR.2024 18:29:05

Highest Band Edge / Full RB



Date: 14.MAR.2024 18:15:28

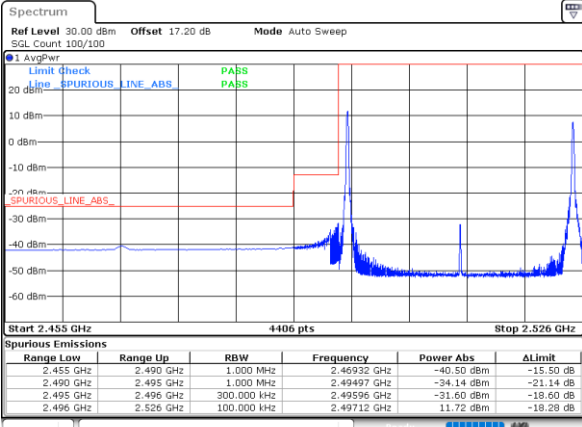


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

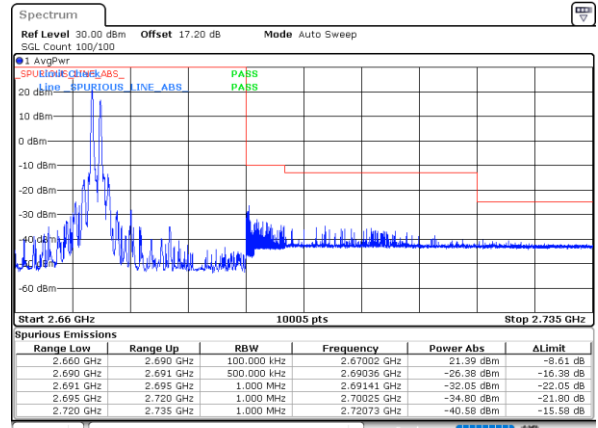
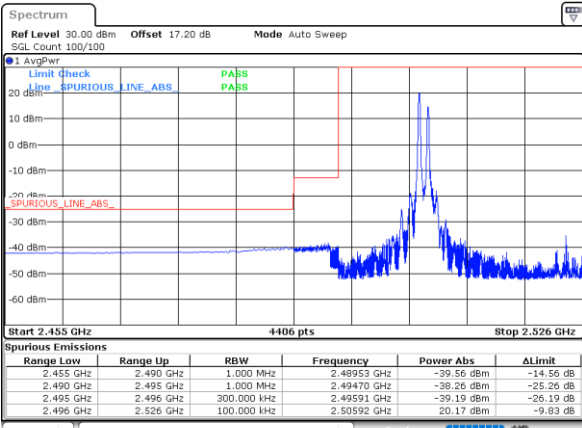


Date: 14.MAR.2024 19:03:27

Date: 14.MAR.2024 18:49:58

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

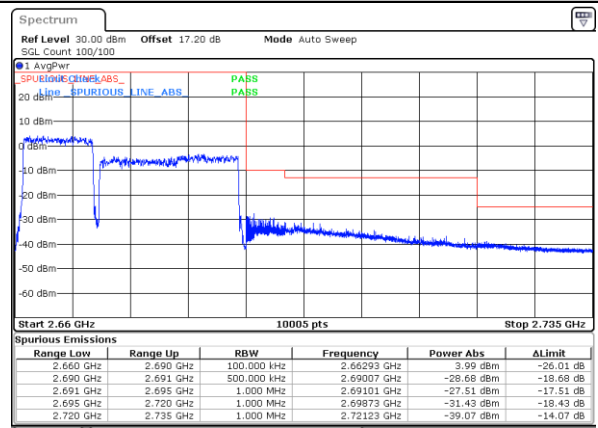
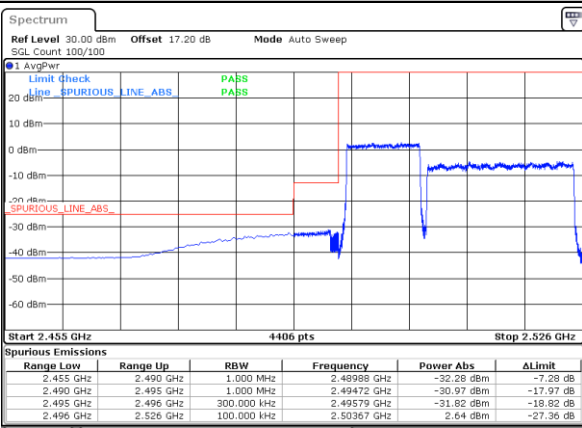


Date: 14.MAR.2024 19:07:08

Date: 14.MAR.2024 18:53:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 14.MAR.2024 18:58:34

Date: 14.MAR.2024 18:45:04