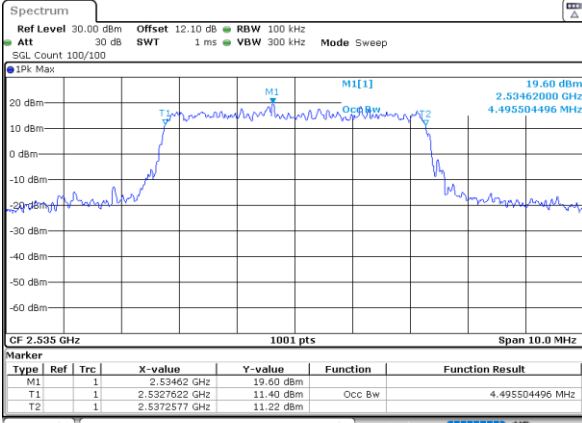




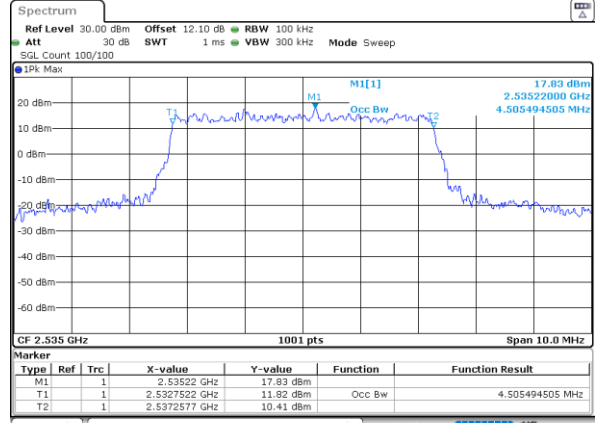
LTE Band 7

Middle Channel / 5MHz / QPSK



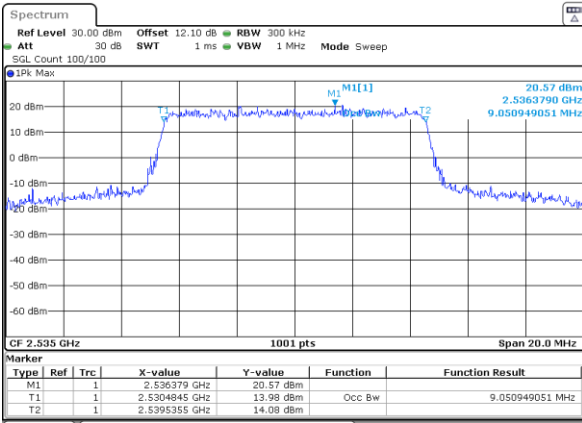
Date: 27.FEB.2024 20:28:17

Middle Channel / 5MHz / 16QAM



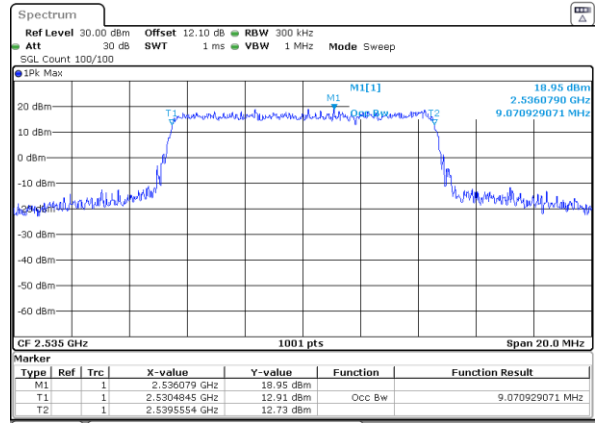
Date: 27.FEB.2024 20:28:47

Middle Channel / 10MHz / QPSK



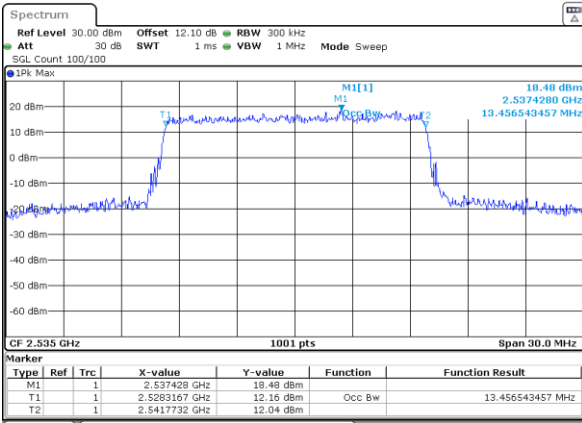
Date: 27.FEB.2024 20:42:58

Middle Channel / 10MHz / 16QAM



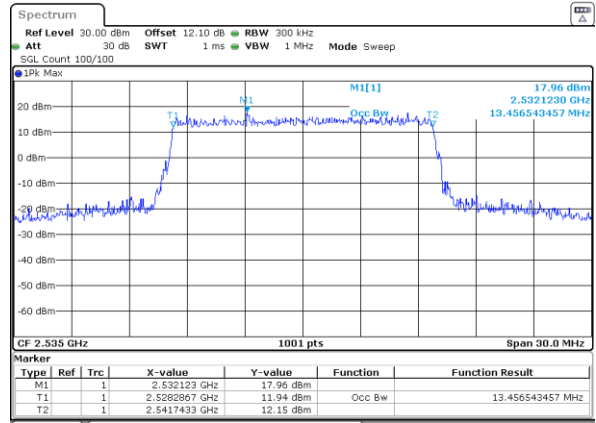
Date: 27.FEB.2024 20:43:24

Middle Channel / 15MHz / QPSK



Date: 27.FEB.2024 20:51:32

Middle Channel / 15MHz / 16QAM

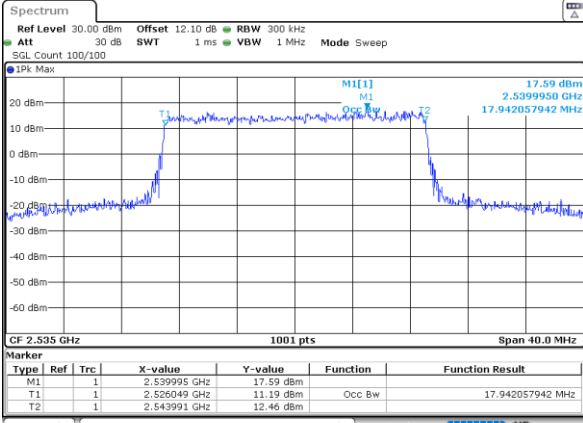


Date: 27.FEB.2024 20:51:58



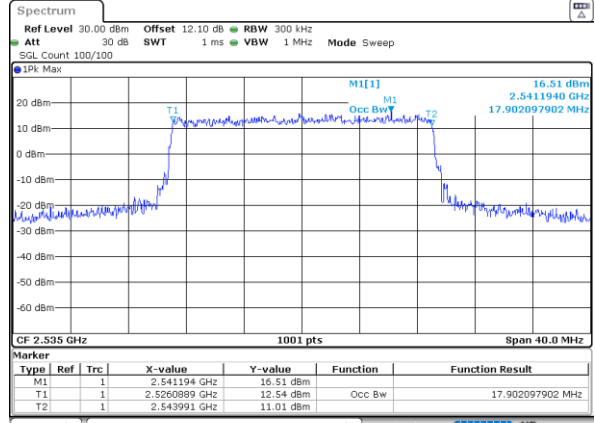
LTE Band 7

Middle Channel / 20MHz / QPSK



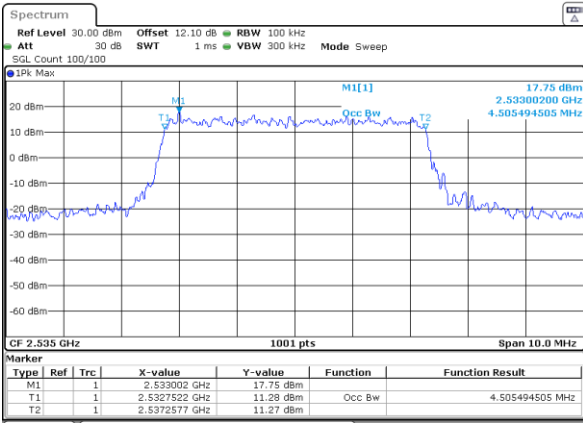
Date: 27.FEB.2024 21:00:06

Middle Channel / 20MHz / 16QAM



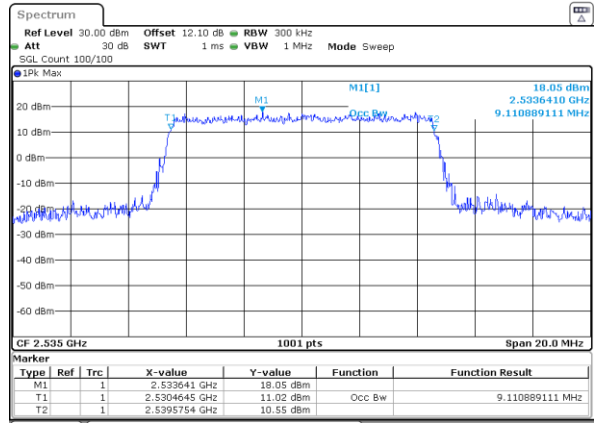
Date: 27.FEB.2024 21:00:31

Middle Channel / 5MHz / 64QAM



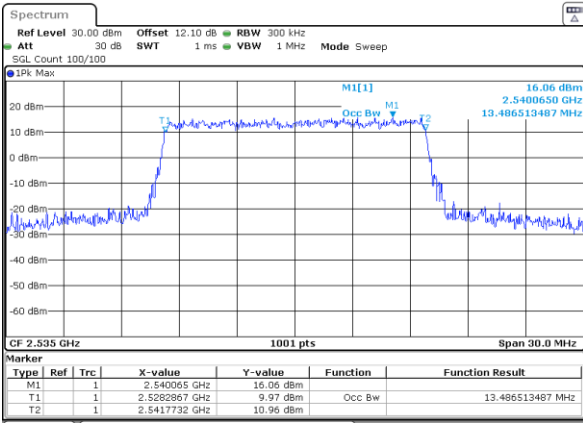
Date: 27.FEB.2024 20:37:55

Middle Channel / 10MHz / 64QAM



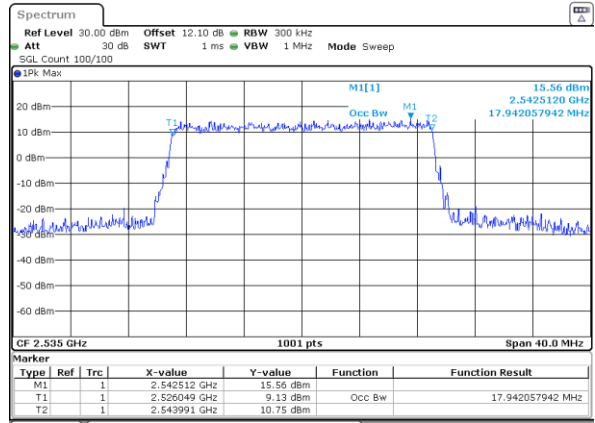
Date: 27.FEB.2024 20:47:24

Middle Channel / 15MHz / 64QAM



Date: 27.FEB.2024 20:55:58

Middle Channel / 20MHz / 64QAM

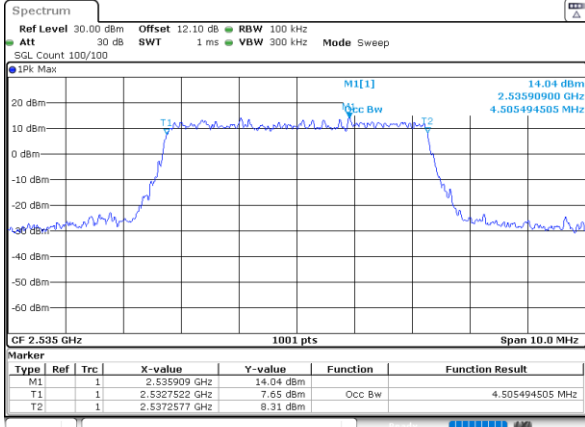


Date: 27.FEB.2024 21:04:31



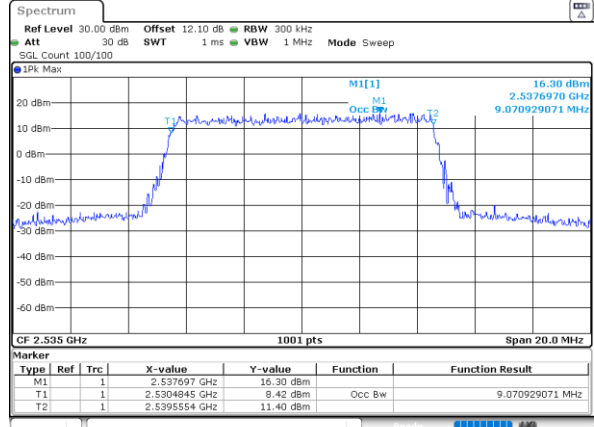
LTE Band 7

Middle Channel / 5MHz / 256QAM



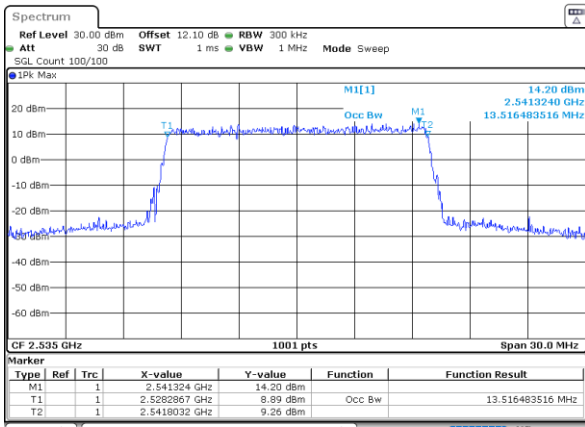
Date: 27.FEB.2024 21:10:11

Middle Channel / 10MHz / 256QAM



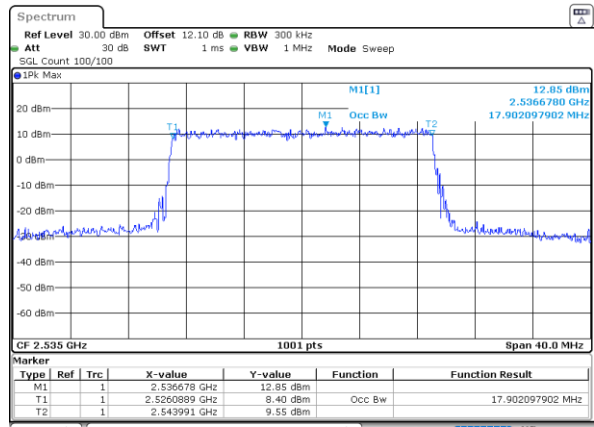
Date: 27.FEB.2024 21:15:51

Middle Channel / 15MHz / 256QAM



Date: 27.FEB.2024 21:24:19

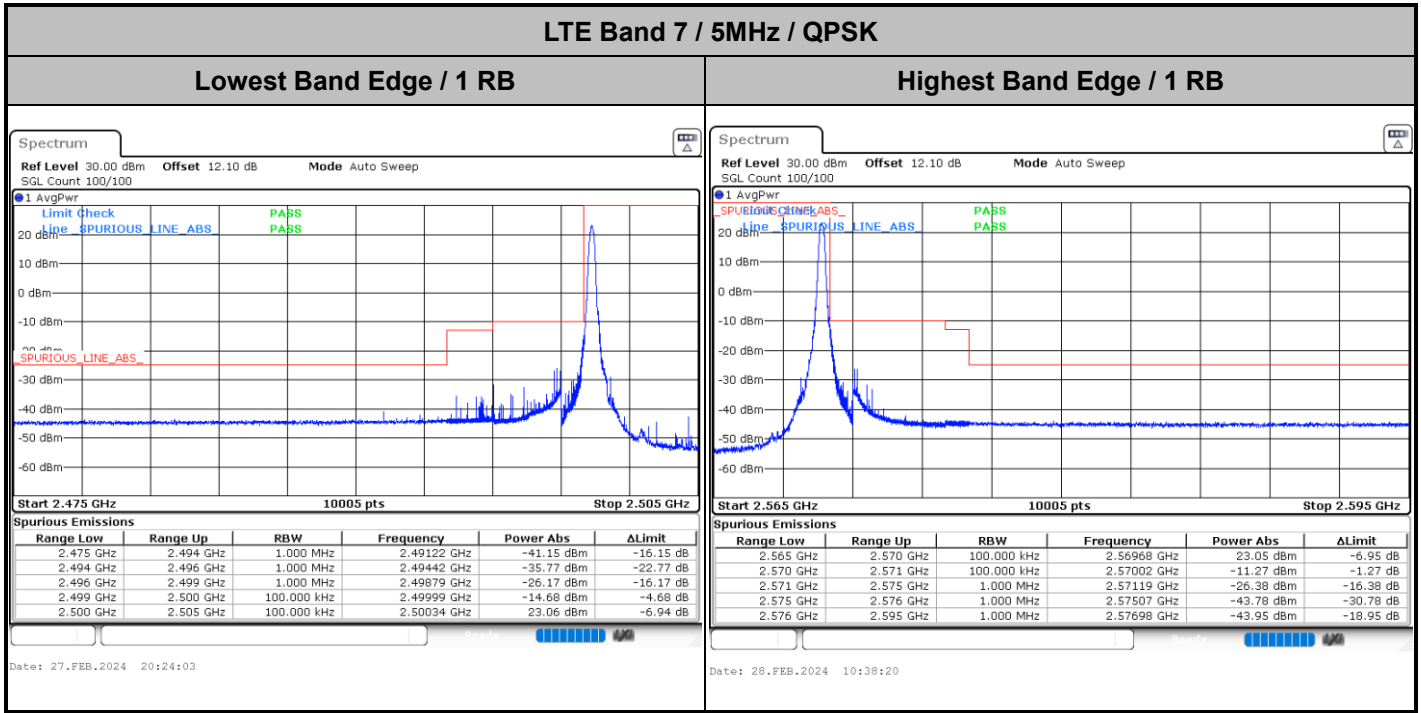
Middle Channel / 20MHz / 256QAM

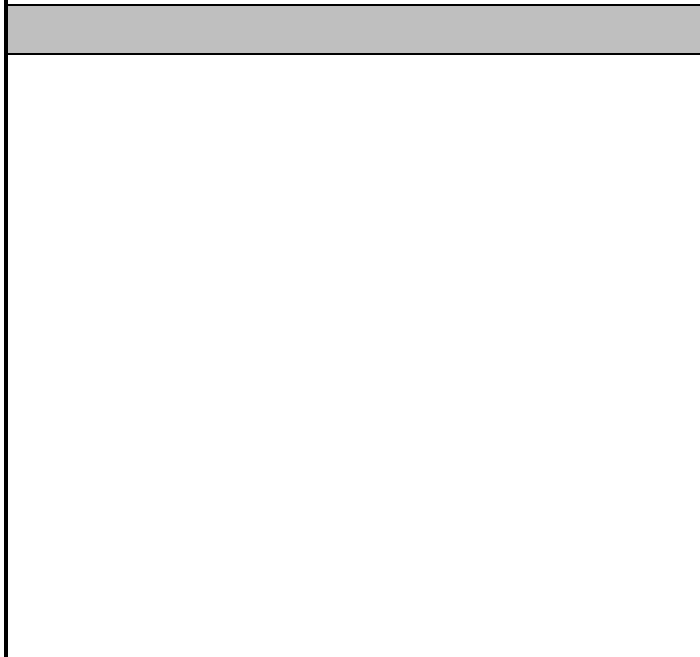
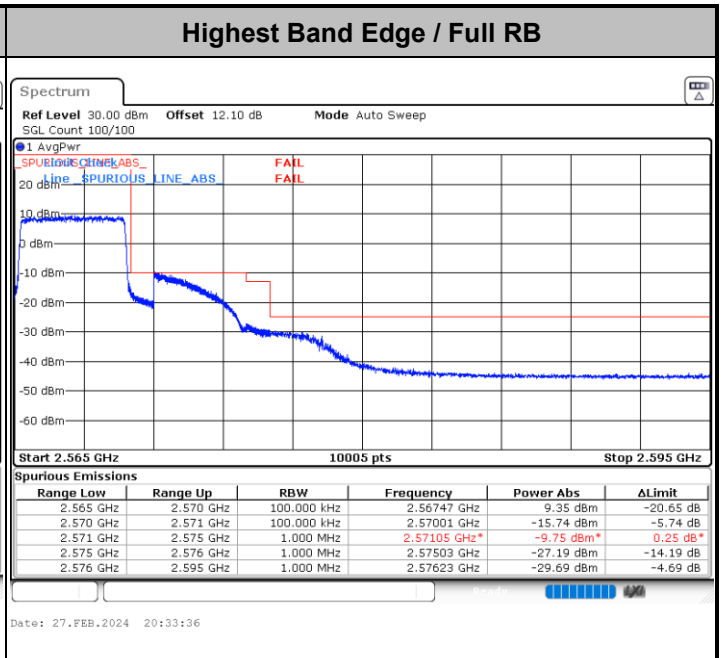
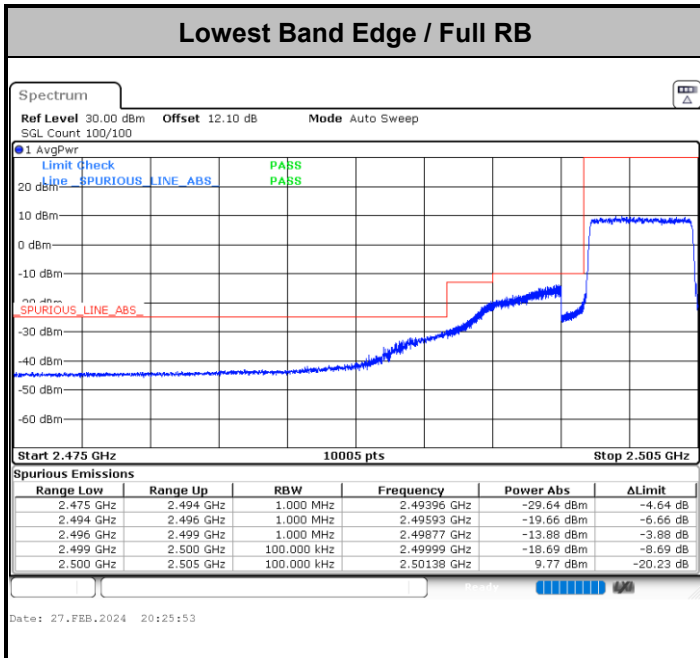


Date: 27.FEB.2024 21:28:10



# Conducted Band Edge

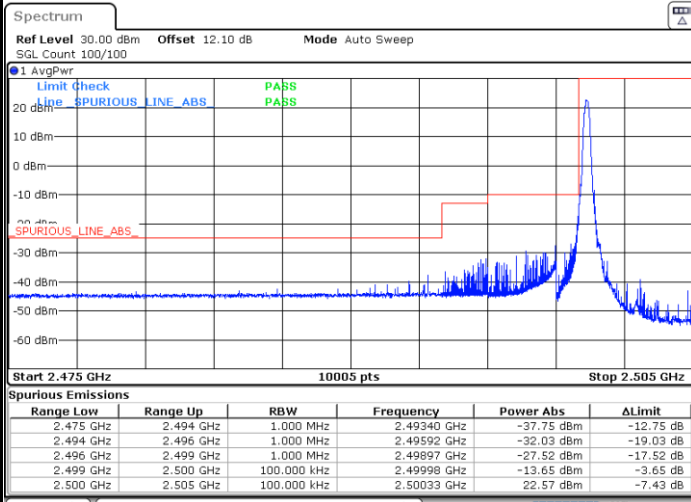






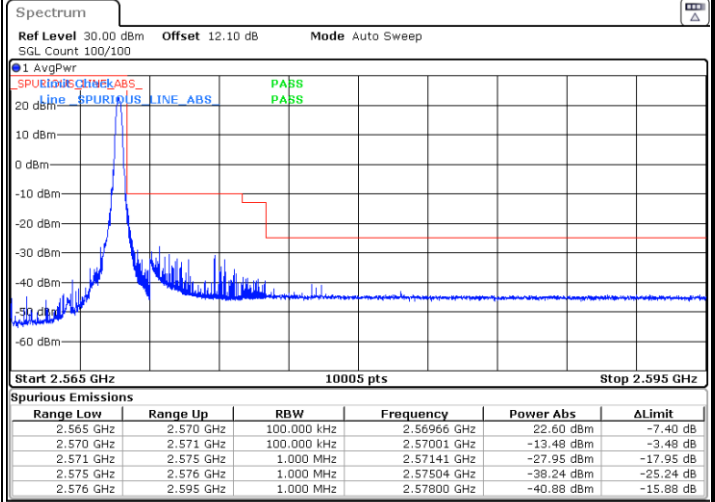
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



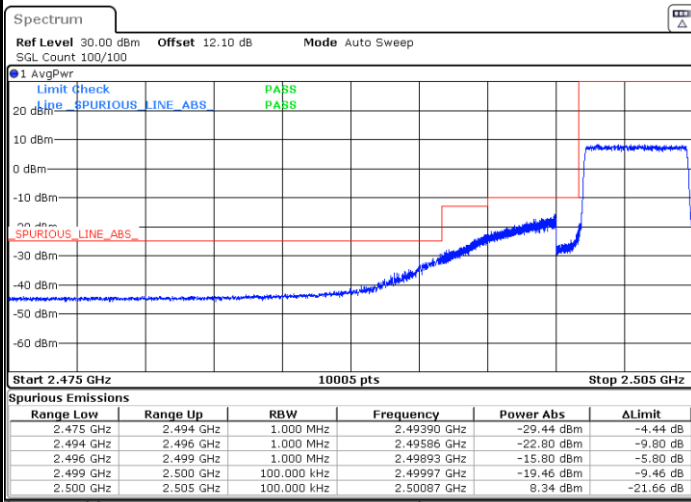
Date: 27.FEB.2024 20:24:58

Highest Band Edge / 1 RB



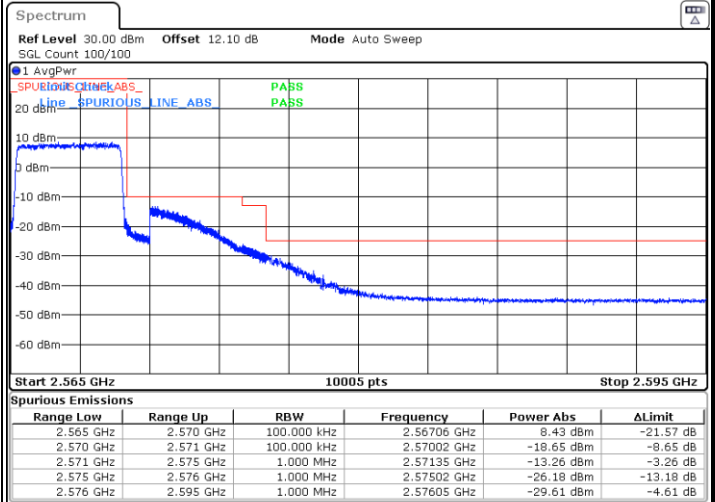
Date: 27.FEB.2024 20:32:41

Lowest Band Edge / Full RB



Date: 27.FEB.2024 20:26:47

Highest Band Edge / Full RB

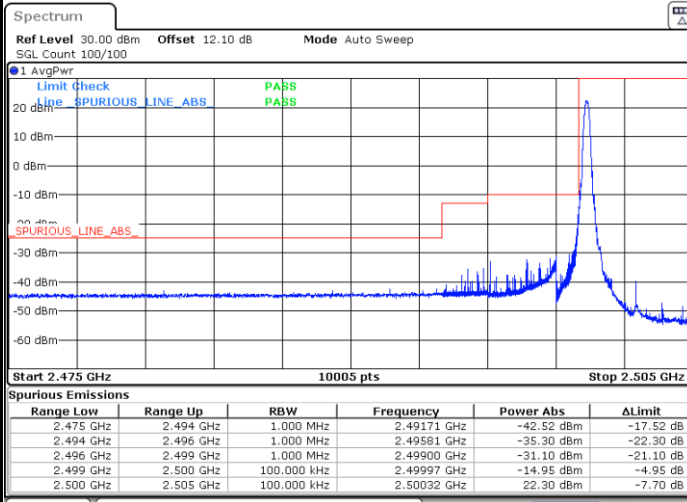


Date: 27.FEB.2024 20:34:31



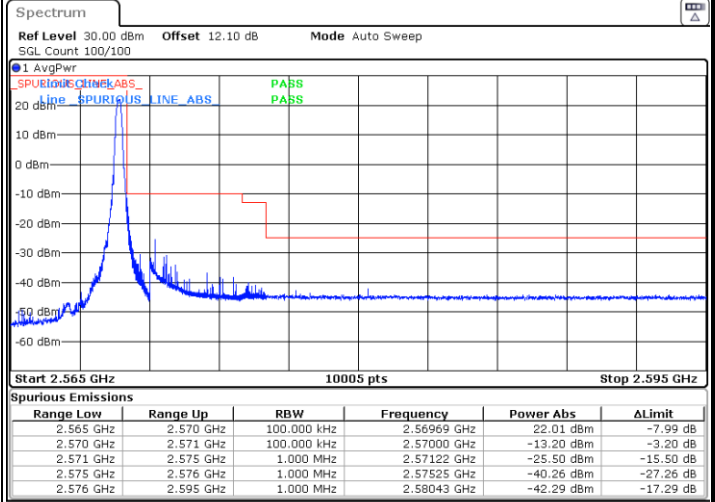
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



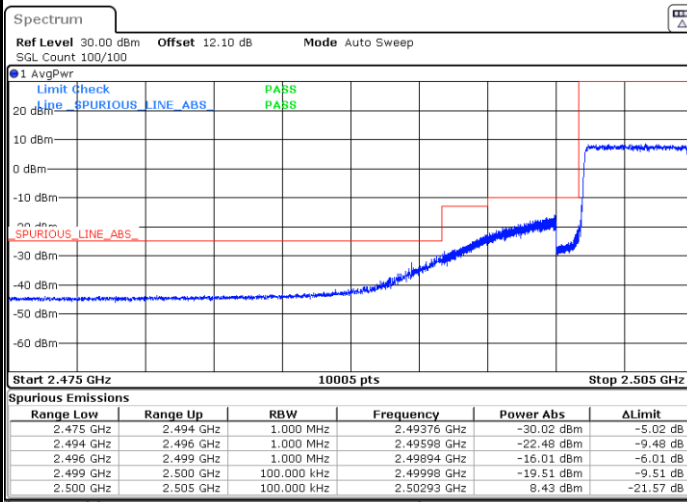
Date: 27.FEB.2024 20:36:30

Highest Band Edge / 1 RB



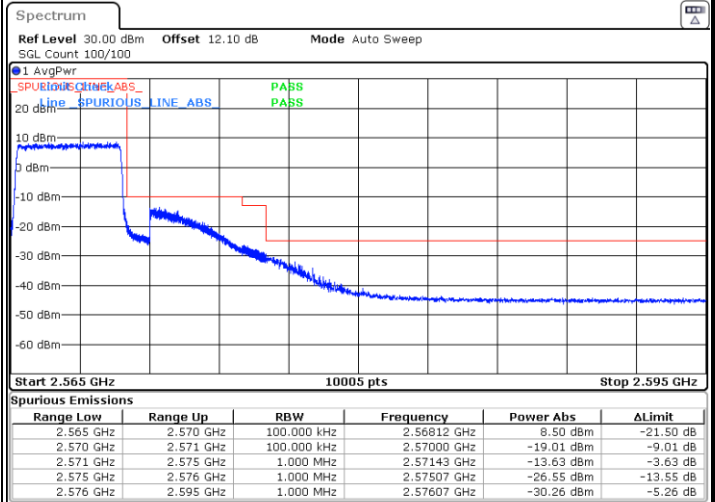
Date: 27.FEB.2024 20:39:02

Lowest Band Edge / Full RB



Date: 27.FEB.2024 20:37:25

Highest Band Edge / Full RB



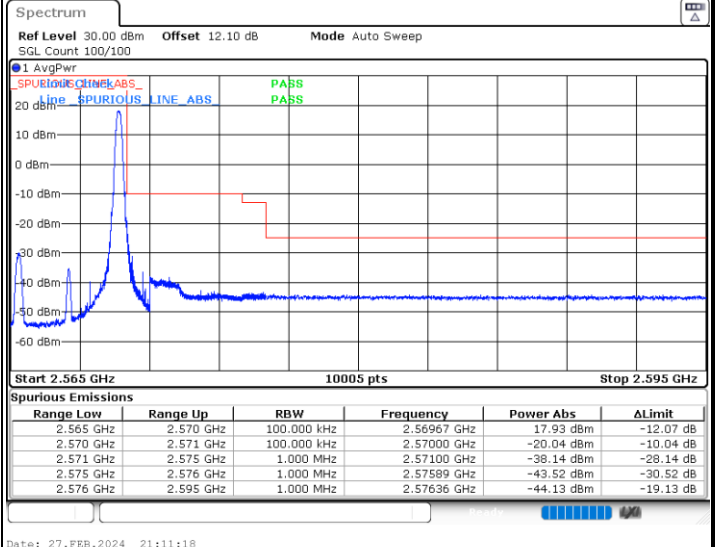
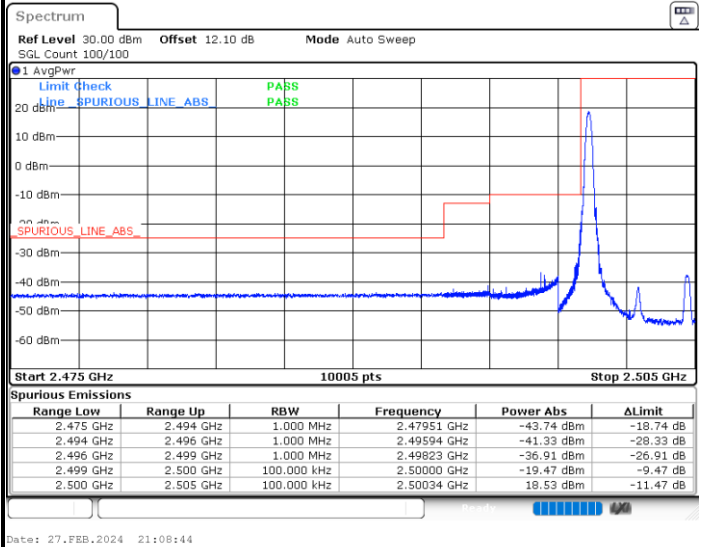
Date: 27.FEB.2024 20:39:56



LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

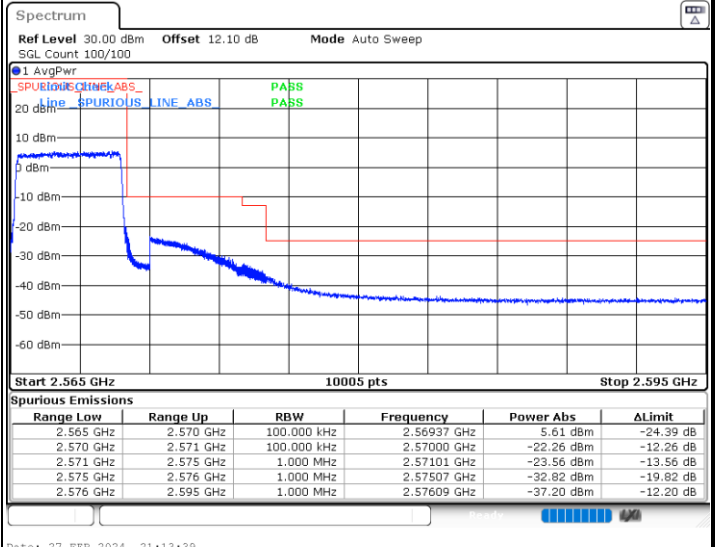
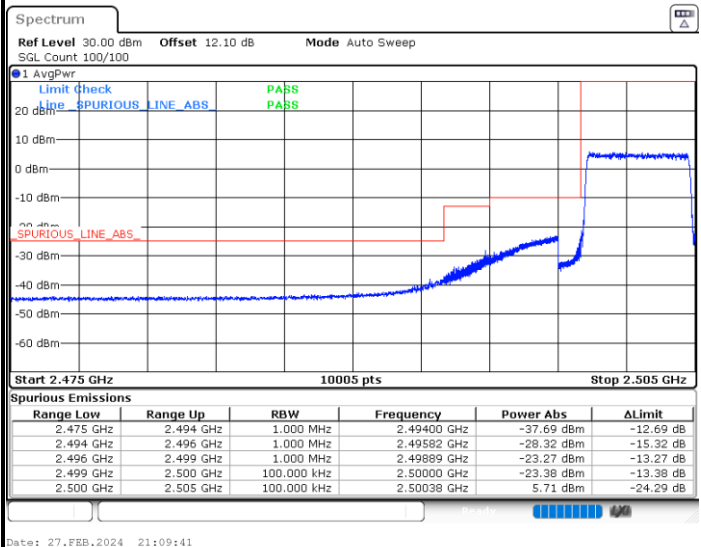


Date: 27.FEB.2024 21:08:44

Date: 27.FEB.2024 21:11:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.FEB.2024 21:09:41

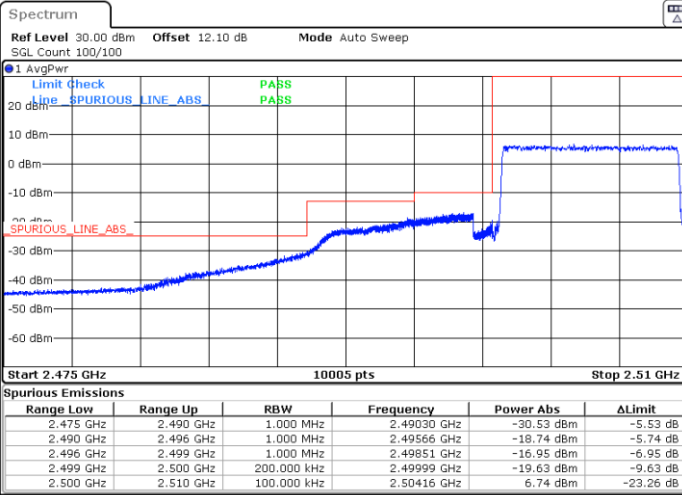
Date: 27.FEB.2024 21:13:39





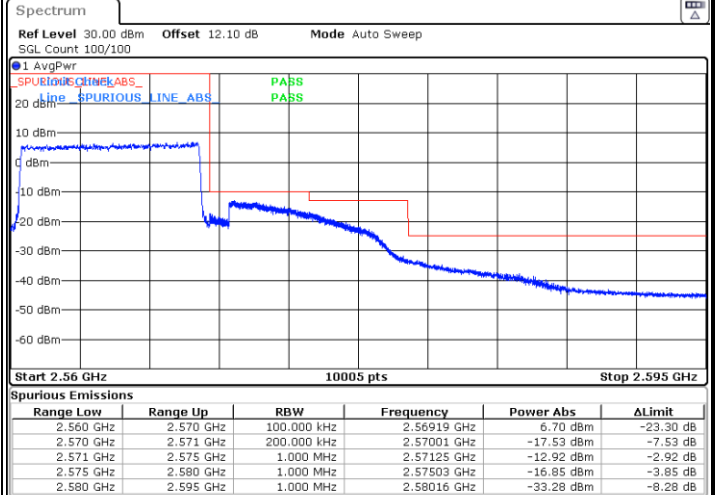
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 27.FEB.2024 20:41:38

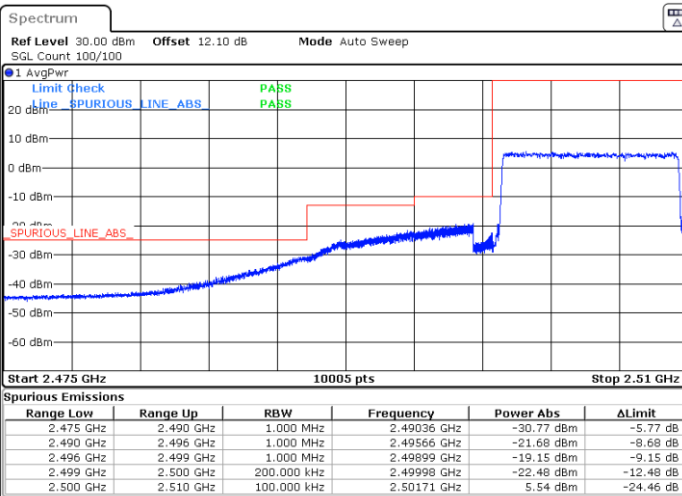
Highest Band Edge / Full RB



Date: 27.FEB.2024 20:45:08

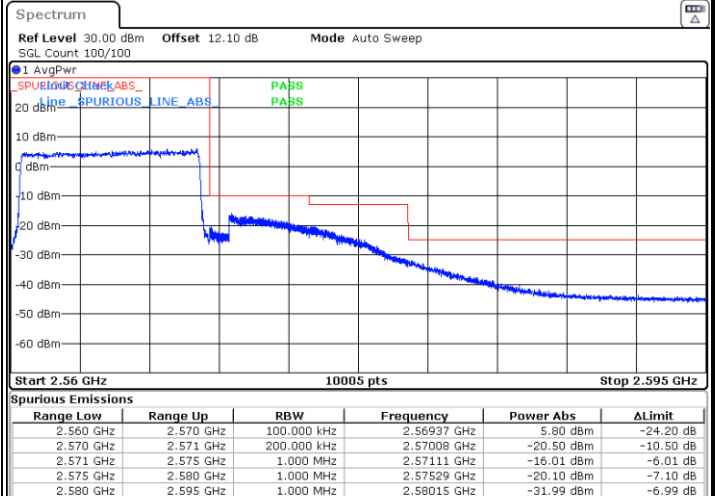
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 27.FEB.2024 20:42:32

Highest Band Edge / Full RB

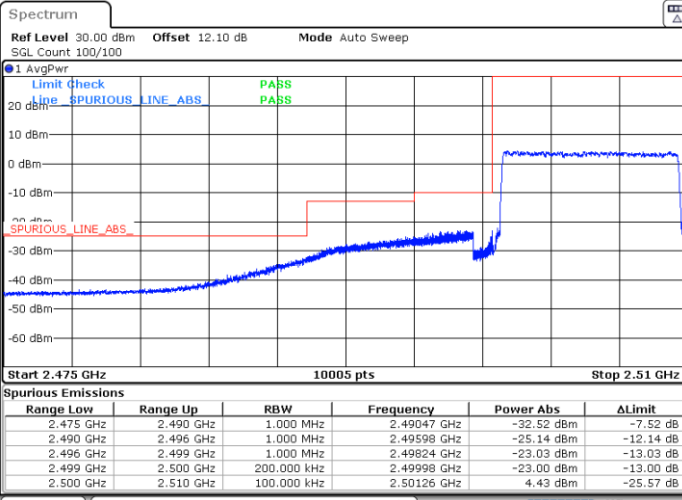


Date: 27.FEB.2024 20:46:03



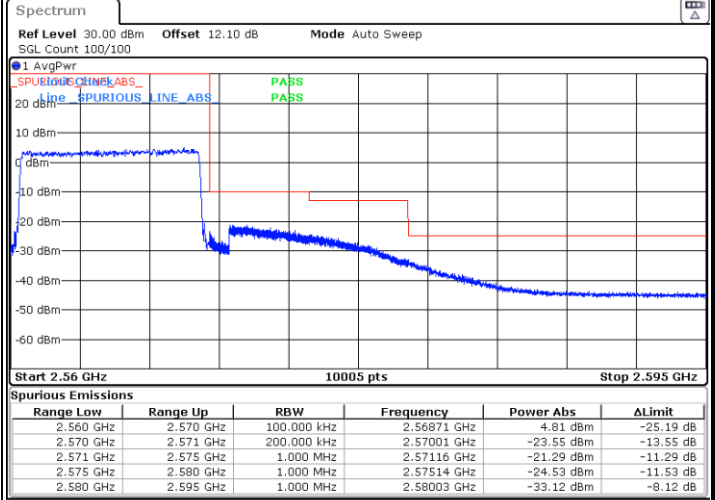
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 27.FEB.2024 20:46:58

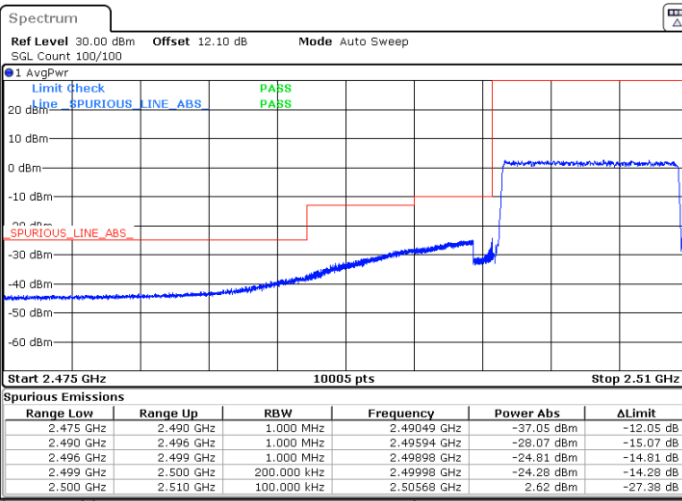
Highest Band Edge / Full RB



Date: 27.FEB.2024 20:48:30

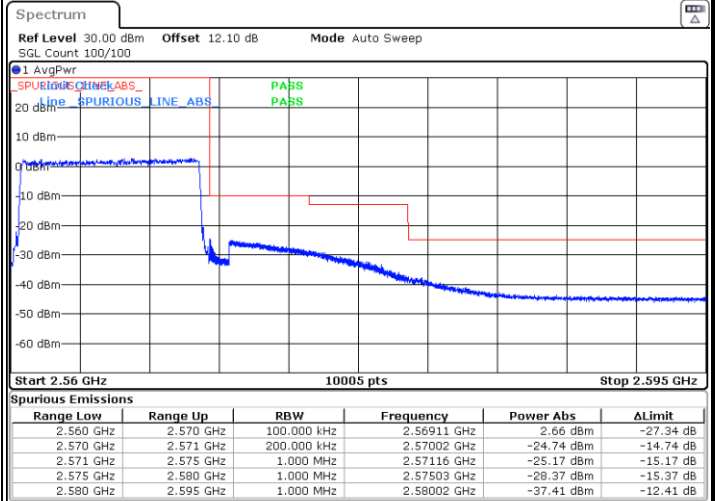
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 27.FEB.2024 21:15:25

Highest Band Edge / Full RB

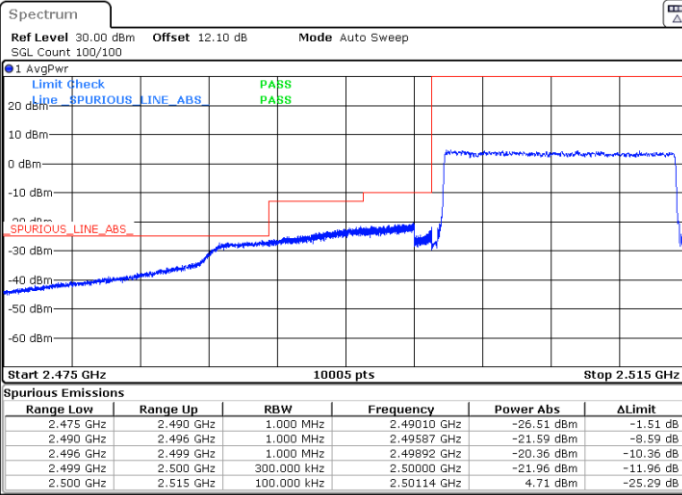


Date: 27.FEB.2024 21:16:58



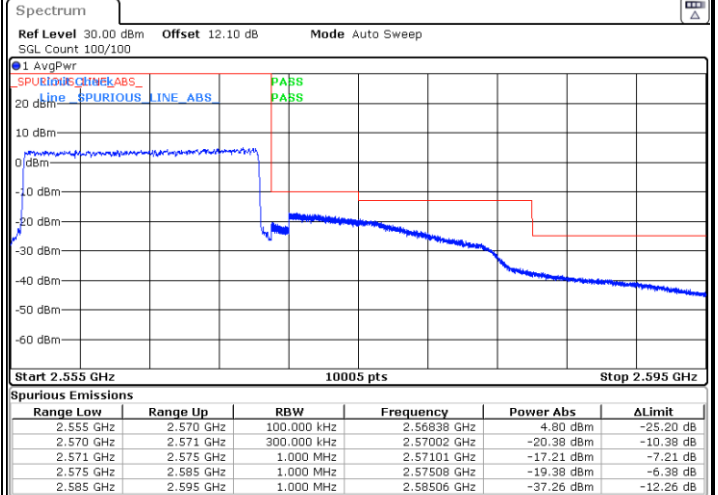
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 27.FEB.2024 20:50:12

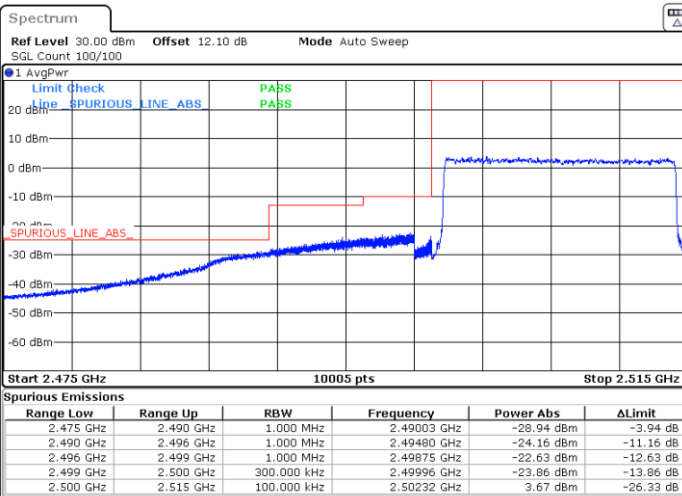
Highest Band Edge / Full RB



Date: 27.FEB.2024 20:53:42

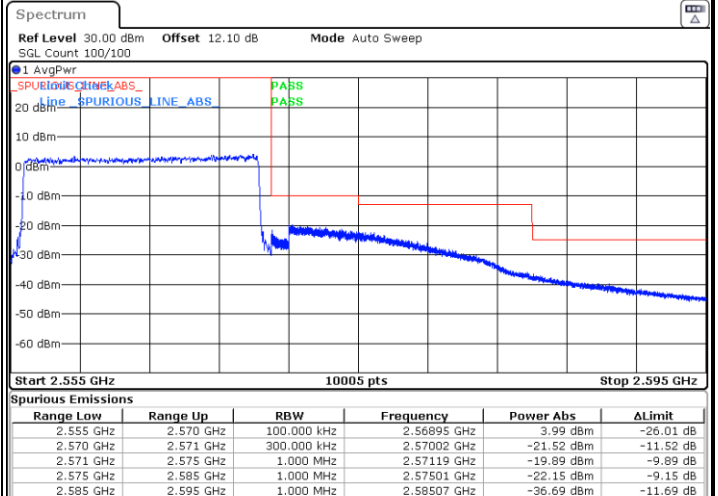
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 27.FEB.2024 20:51:06

Highest Band Edge / Full RB

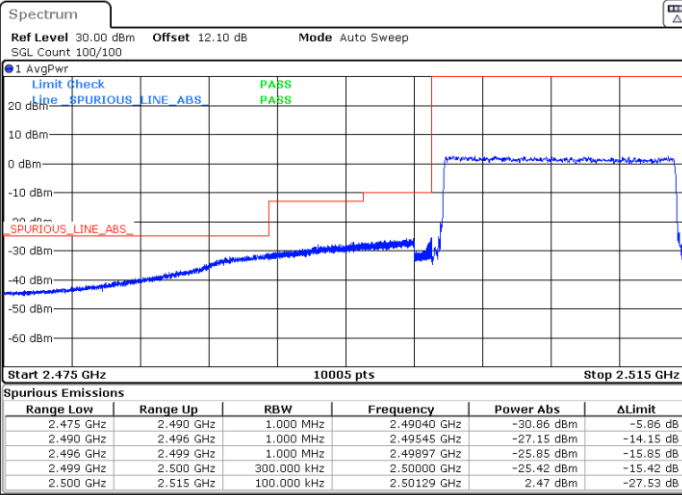


Date: 27.FEB.2024 20:54:37



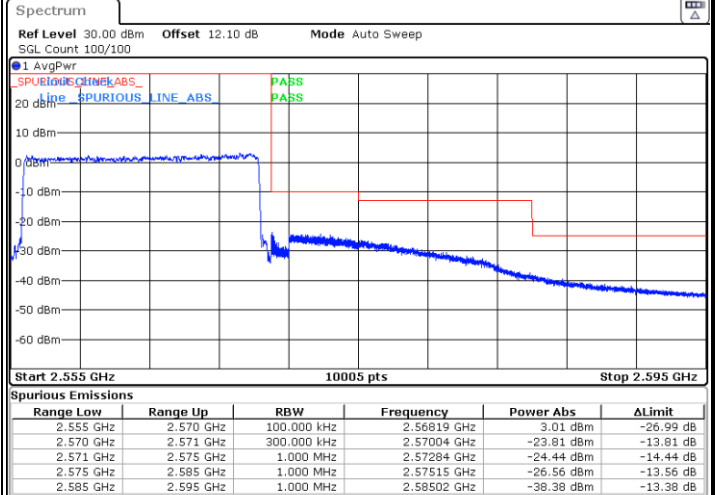
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 27.FEB.2024 20:55:32

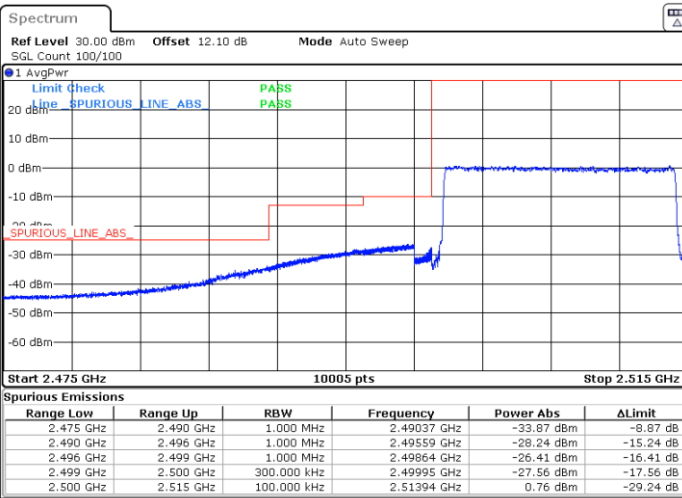
Highest Band Edge / Full RB



Date: 27.FEB.2024 20:57:04

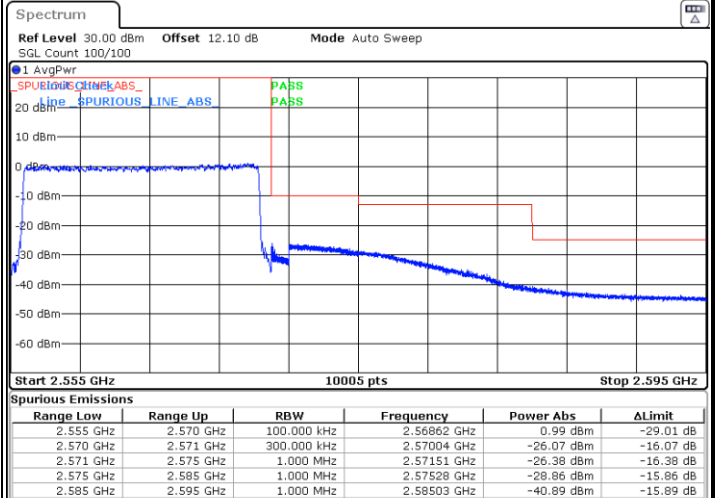
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 27.FEB.2024 21:22:22

Highest Band Edge / Full RB

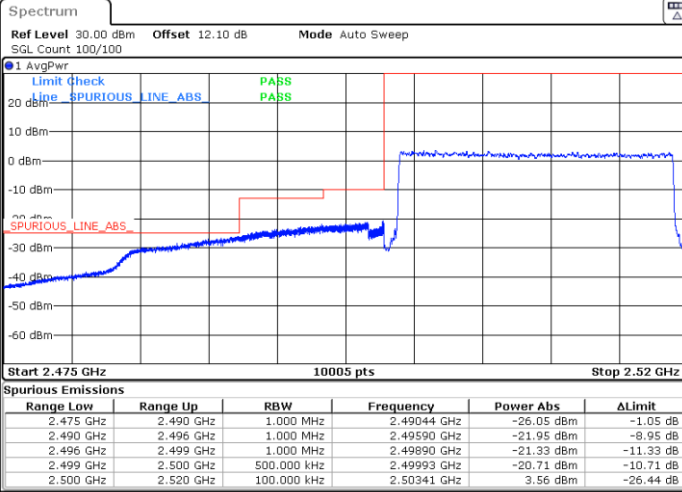


Date: 27.FEB.2024 21:25:26



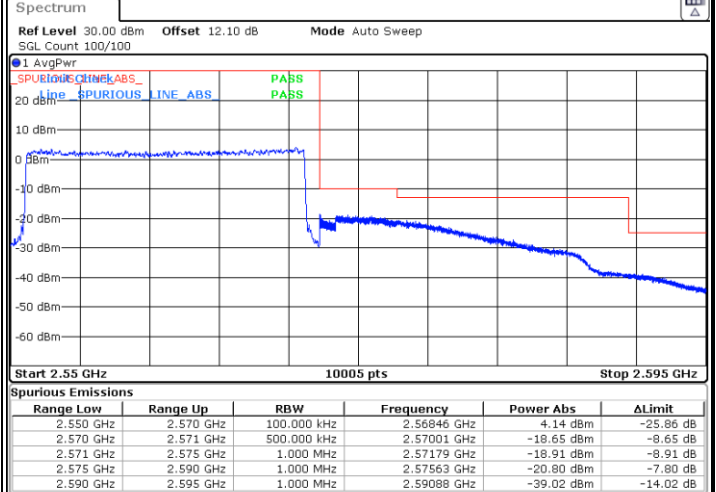
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 28.FEB.2024 10:44:51

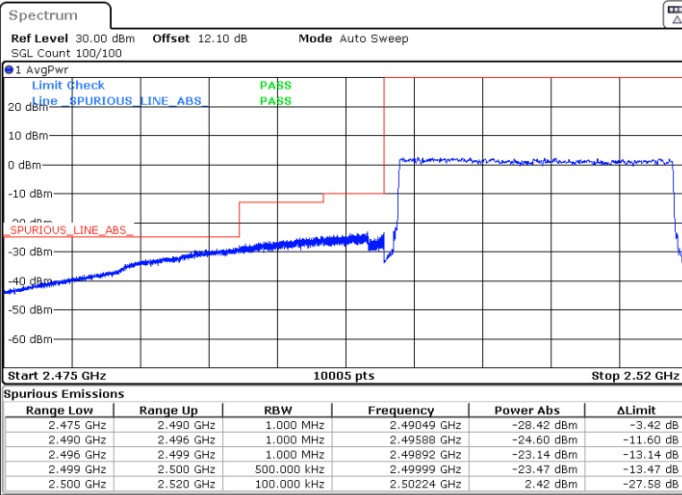
Highest Band Edge / Full RB



Date: 27.FEB.2024 21:03:11

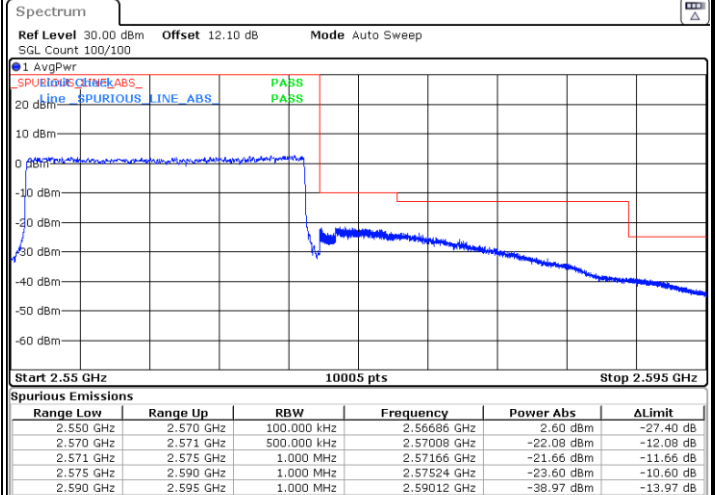
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 27.FEB.2024 20:59:40

Highest Band Edge / Full RB

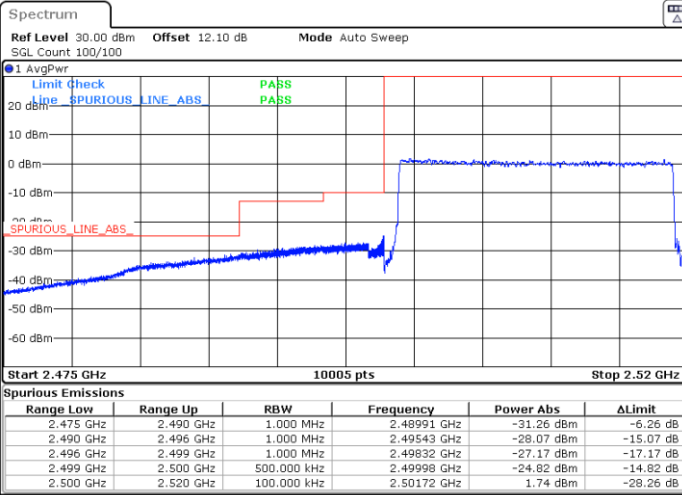


Date: 27.FEB.2024 21:02:16



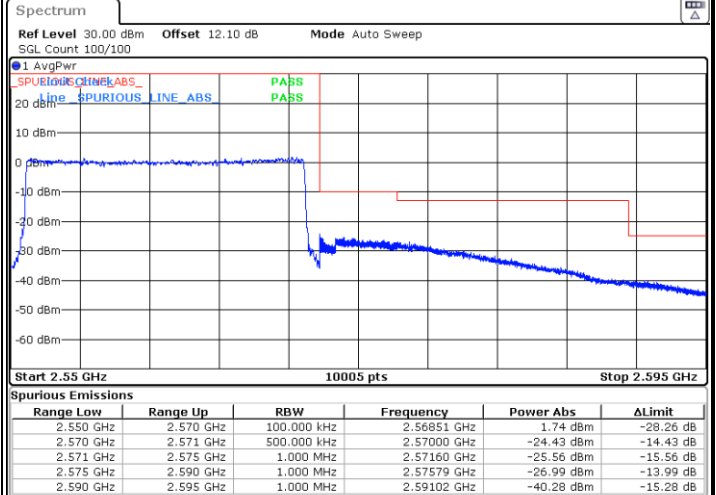
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 27.FEB.2024 21:04:05

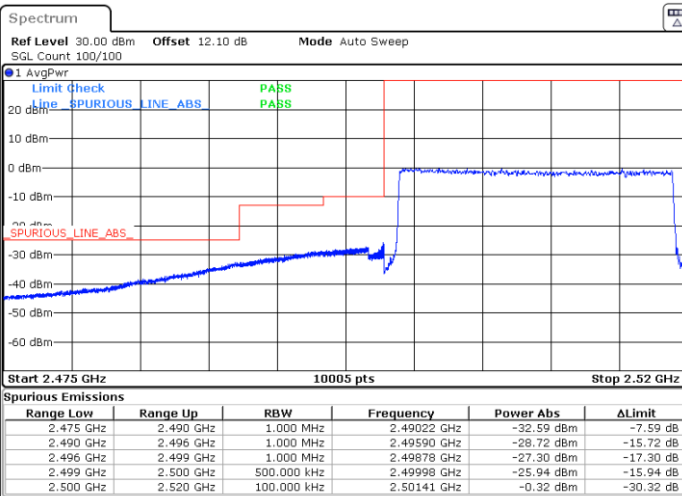
Highest Band Edge / Full RB



Date: 27.FEB.2024 21:05:38

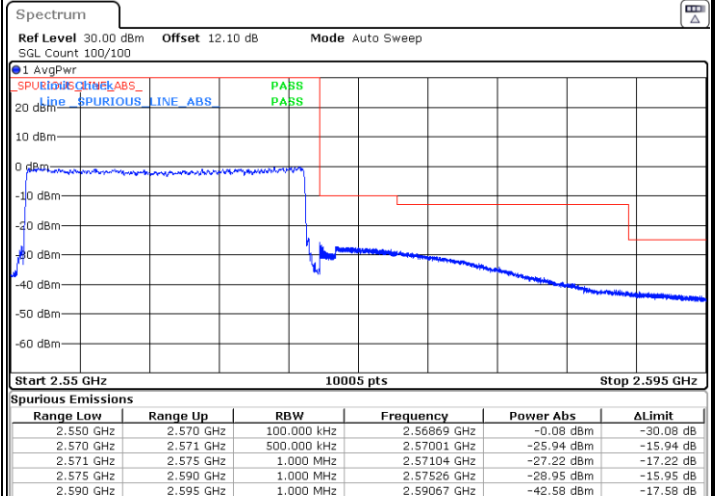
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 27.FEB.2024 21:27:44

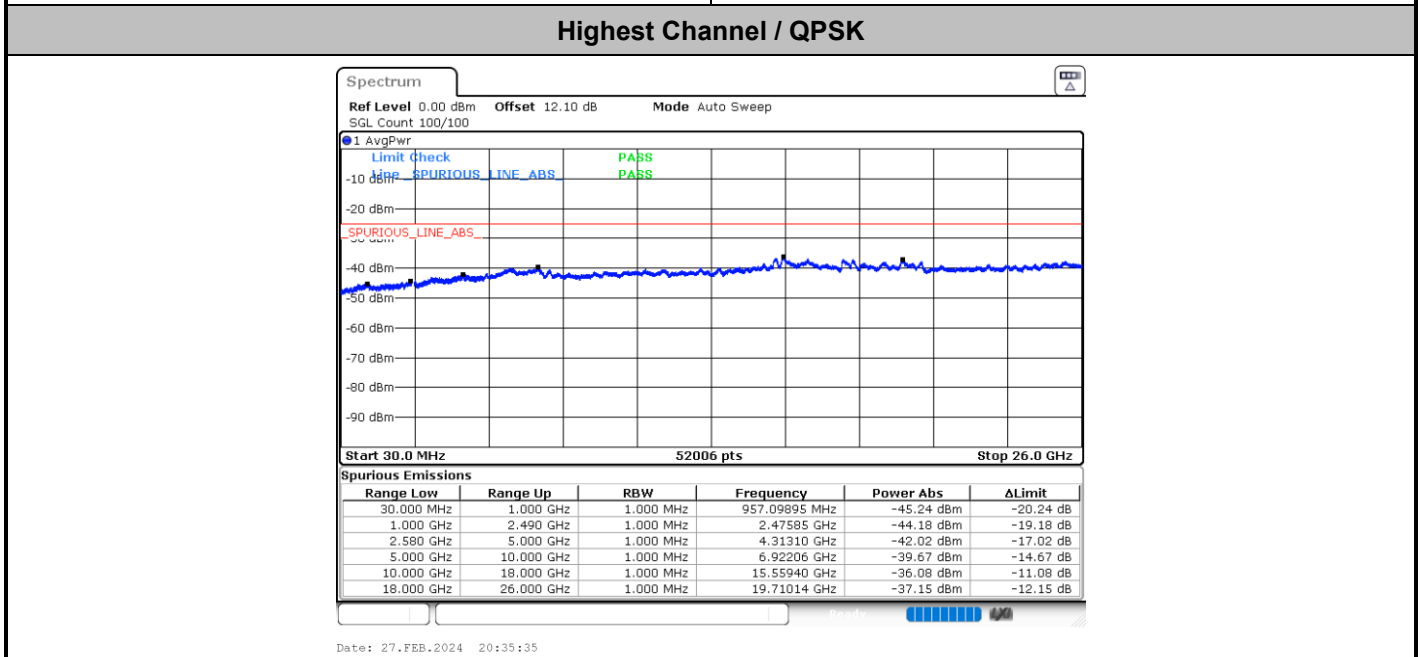
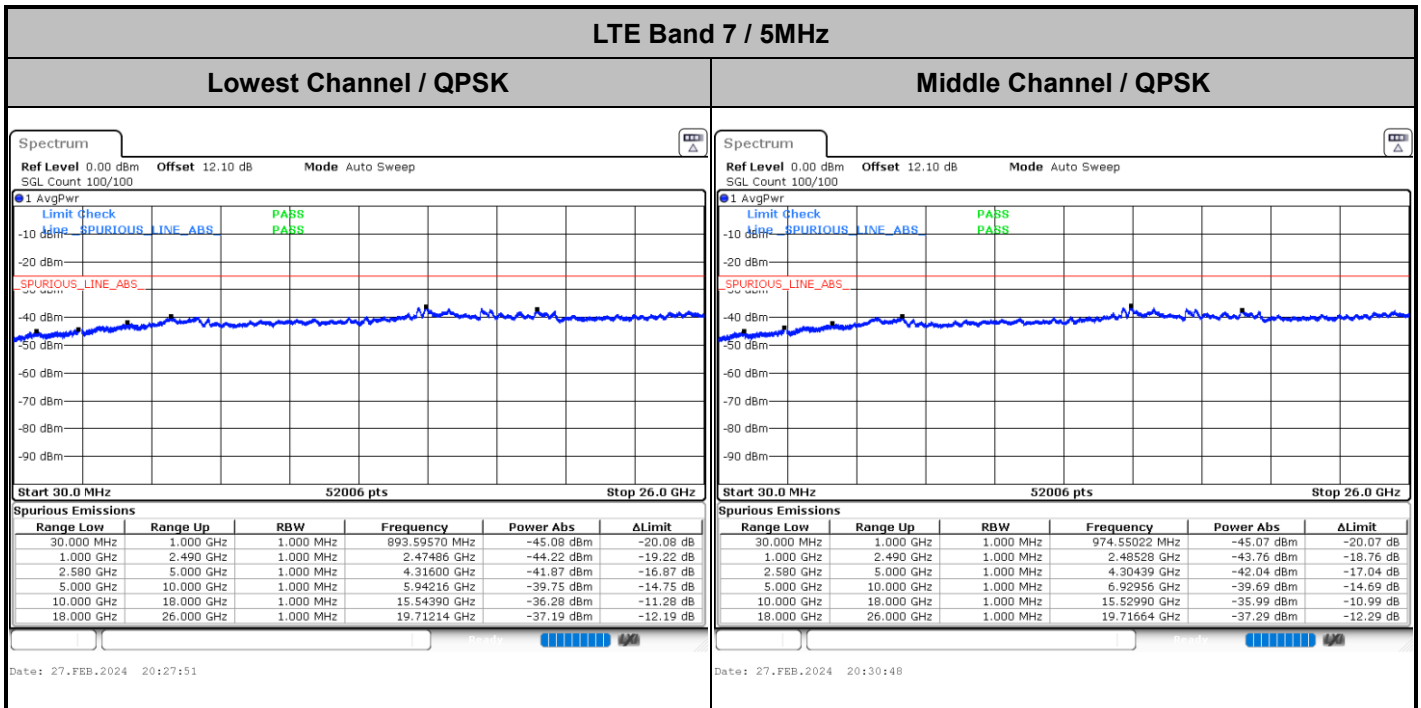
Highest Band Edge / Full RB



Date: 27.FEB.2024 21:29:16



# Conducted Spurious Emission

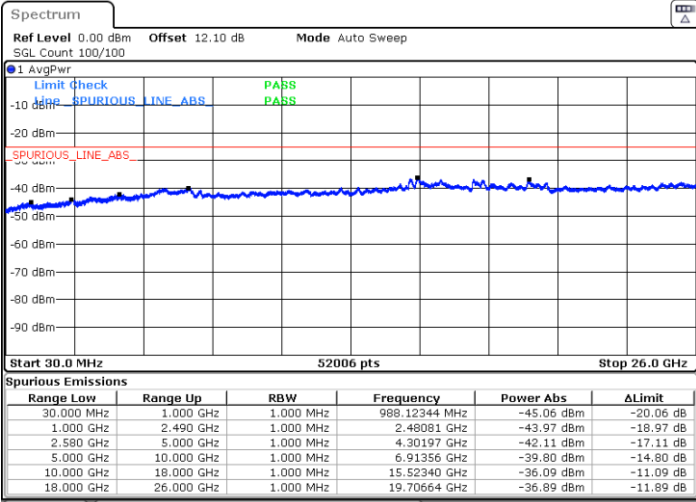




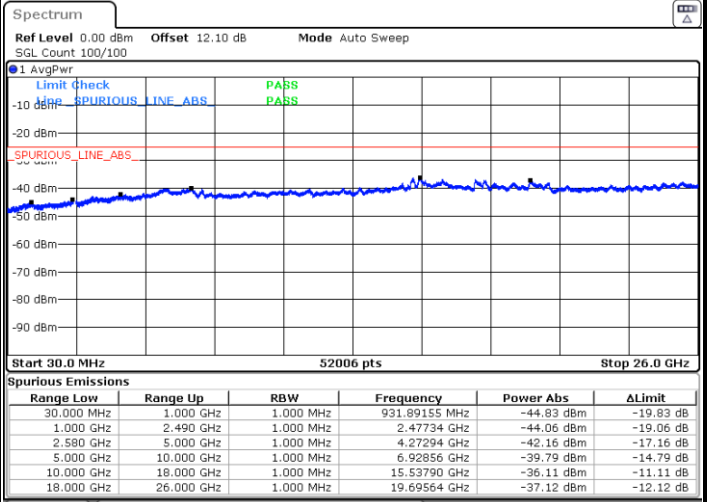
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

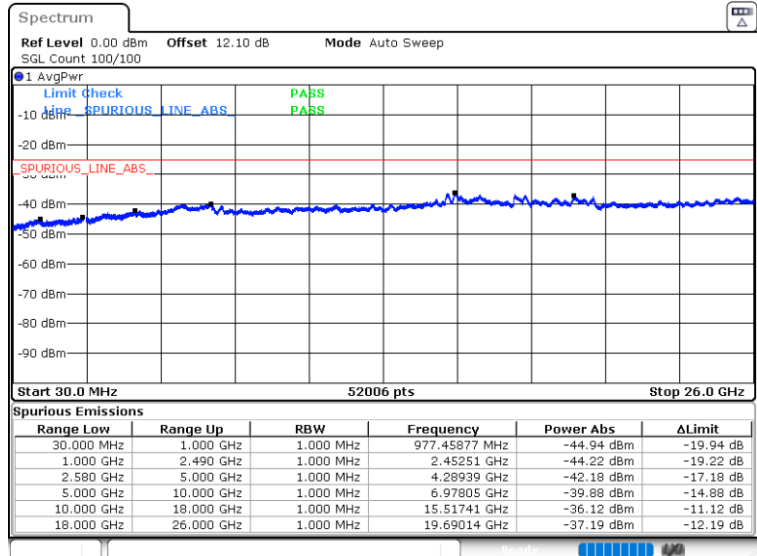


Date: 27.FEB.2024 21:31:33



Date: 27.FEB.2024 21:32:36

Highest Channel / QPSK



Date: 27.FEB.2024 21:33:39

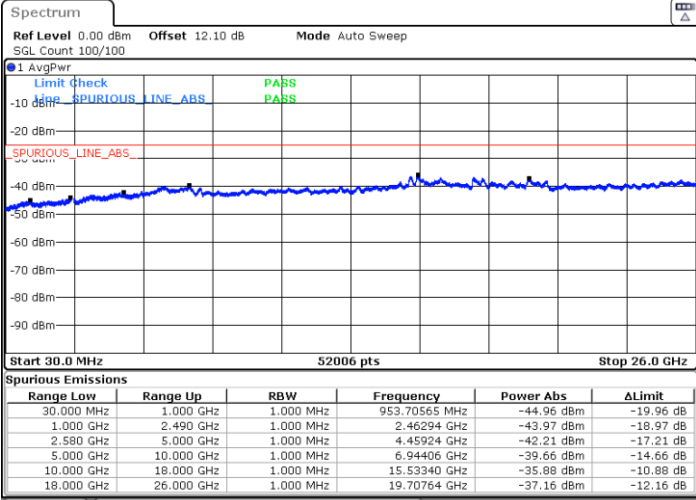




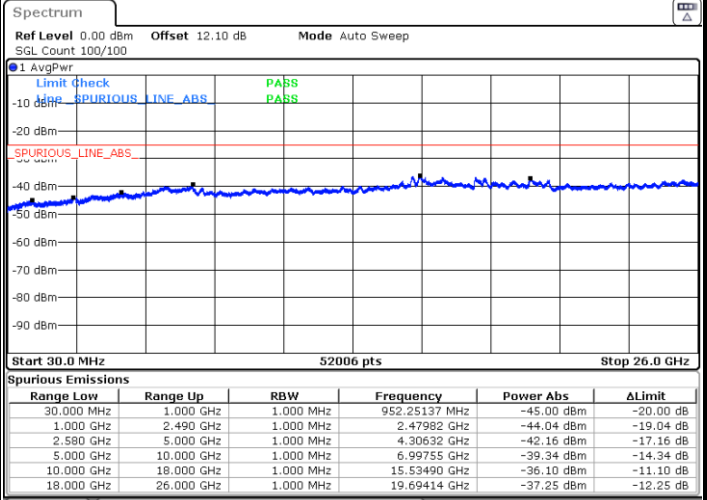
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

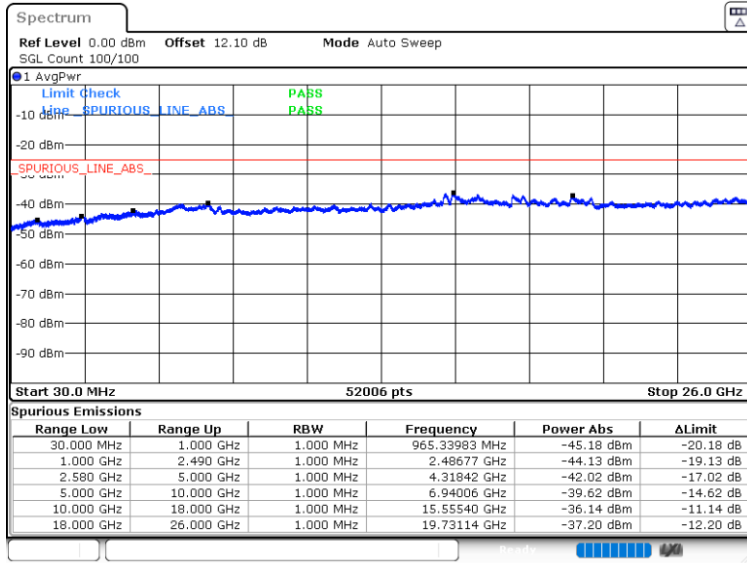


Date: 27.FEB.2024 21:35:29



Date: 27.FEB.2024 21:36:32

Highest Channel / QPSK



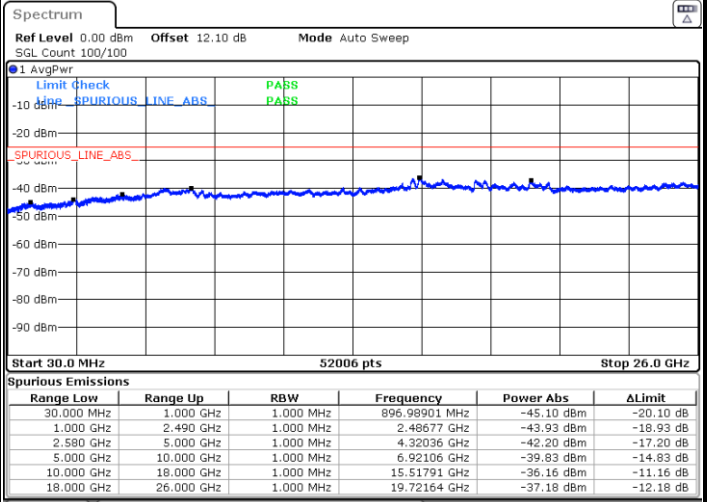
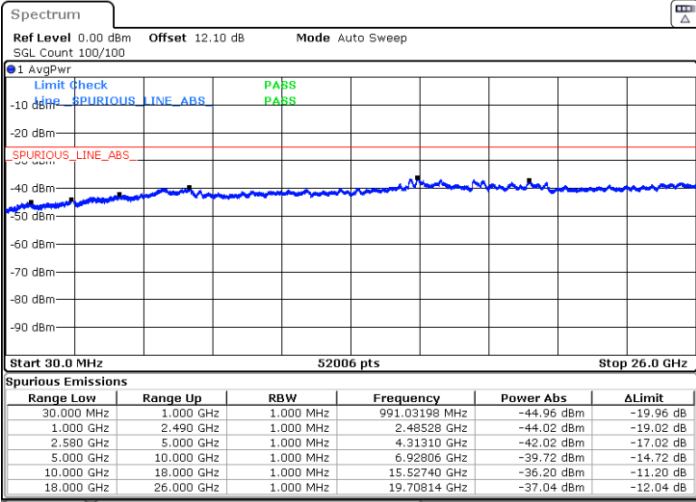
Date: 27.FEB.2024 21:37:36



LTE Band 7 / 20MHz

Lowest Channel / QPSK

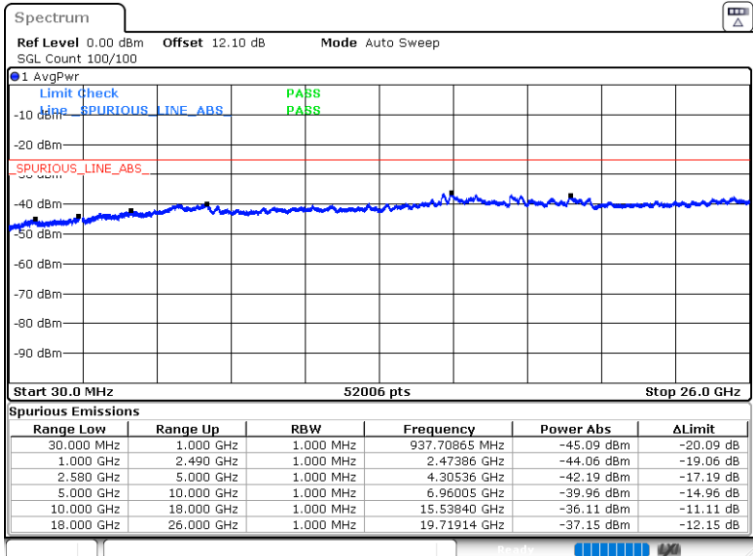
Middle Channel / QPSK



Date: 27.FEB.2024 21:39:26

Date: 27.FEB.2024 21:40:29

Highest Channel / QPSK



Date: 27.FEB.2024 21:41:32



**Frequency Stability**

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0065	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0036	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

**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 7C

### 26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.21	25.57	30.80	35.03
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.08	35.10	39.96	

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.08	25.42	30.62	34.89
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.08	35.03	39.96	

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.37	30.62	34.96
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.14	35.17	39.96	

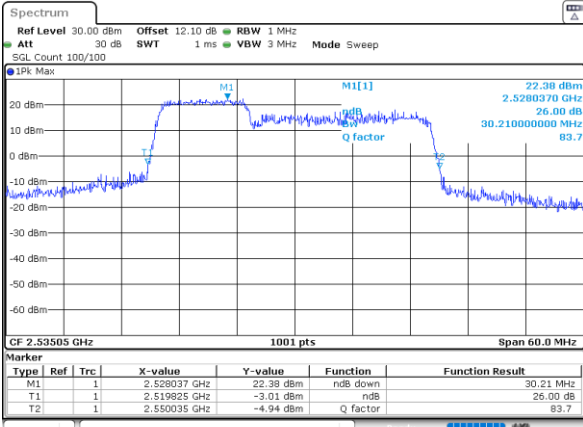
Mode	LTE Band 7C : 26dB BW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.91	25.52	30.62	34.89
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.08	34.96	39.88	



LTE Band 7C

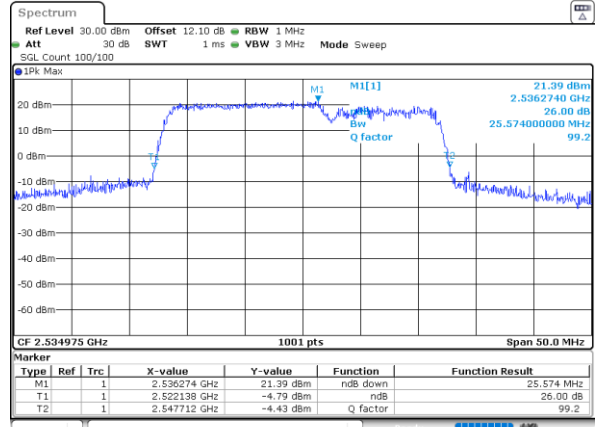
QPSK

Middle Channel / 10MHz+20MHz



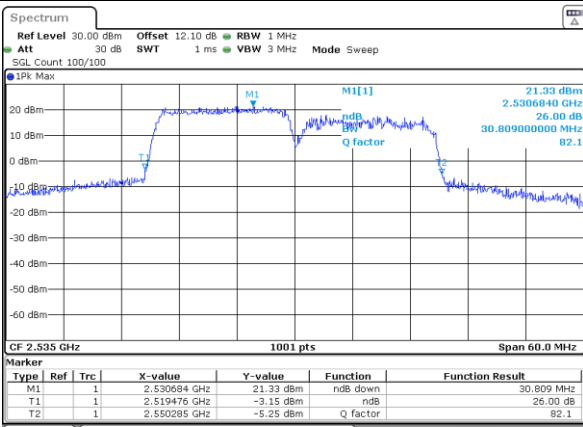
Date: 29.FEB.2024 21:55:36

Middle Channel / 15MHz+10MHz



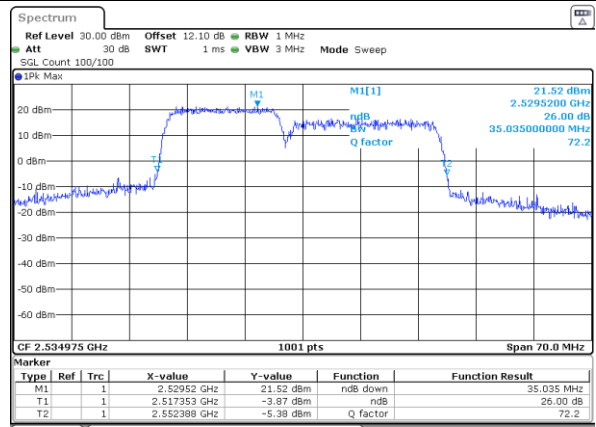
Date: 1.MAR.2024 04:25:37

Middle Channel / 15MHz+15MHz



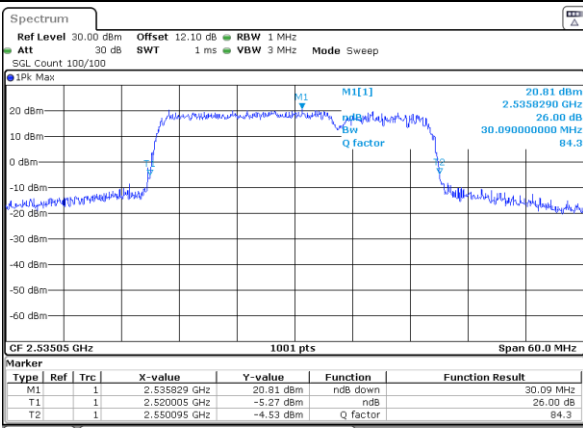
Date: 1.MAR.2024 01:47:26

Middle Channel / 15MHz+20MHz



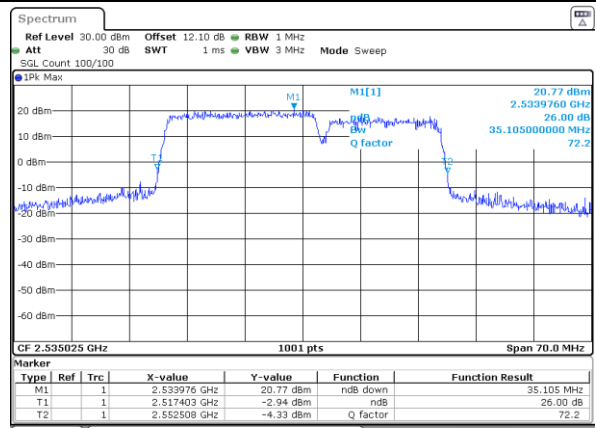
Date: 1.MAR.2024 02:27:22

Middle Channel / 20MHz+10MHz



Date: 1.MAR.2024 01:09:23

Middle Channel / 20MHz+15MHz



Date: 1.MAR.2024 03:07:21

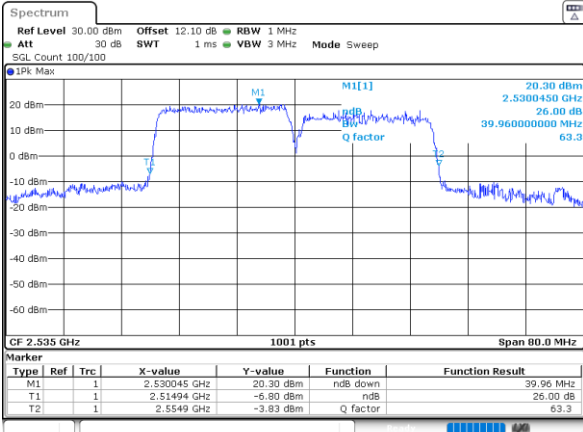


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



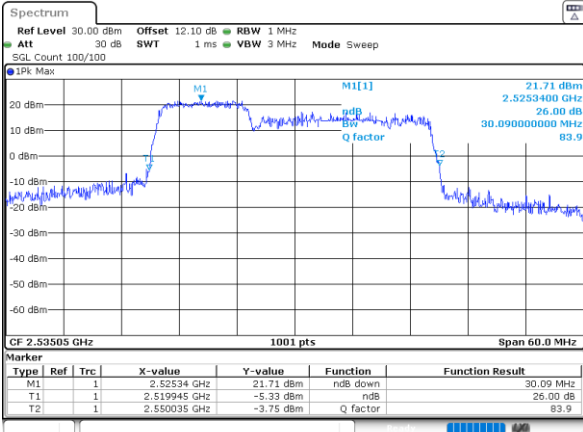
Date: 1.MAR.2024 03:45:42



LTE Band 7C

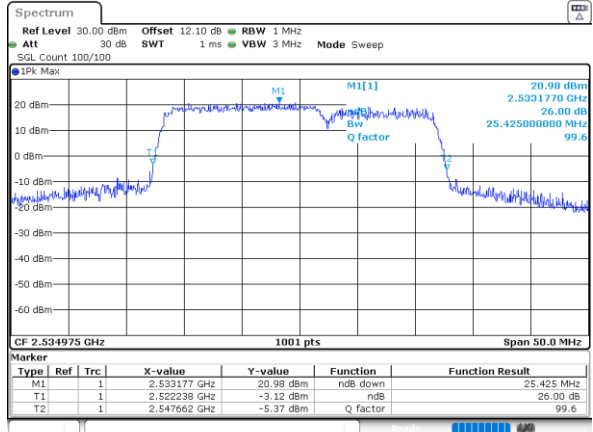
16QAM

Middle Channel / 10MHz+20MHz



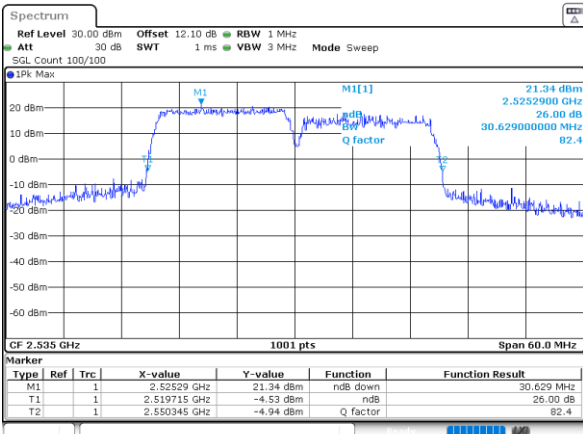
Date: 29.FEB.2024 21:55:06

Middle Channel / 15MHz+10MHz



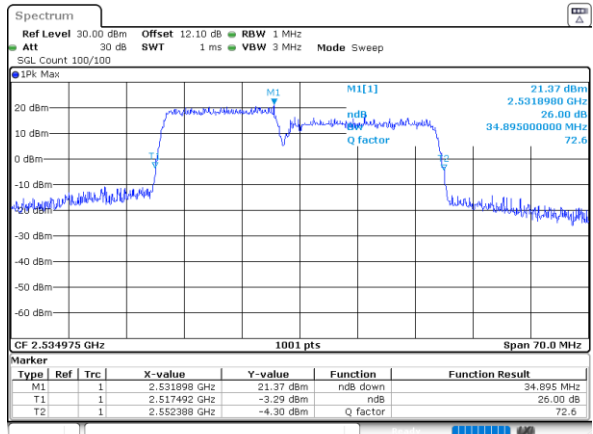
Date: 1.MAR.2024 04:25:07

Middle Channel / 15MHz+15MHz



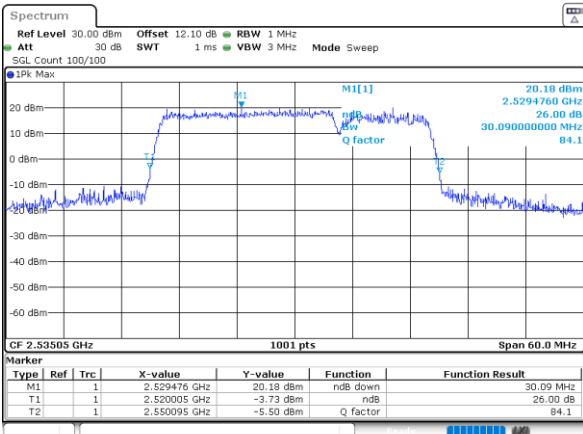
Date: 1.MAR.2024 01:46:59

Middle Channel / 15MHz+20MHz



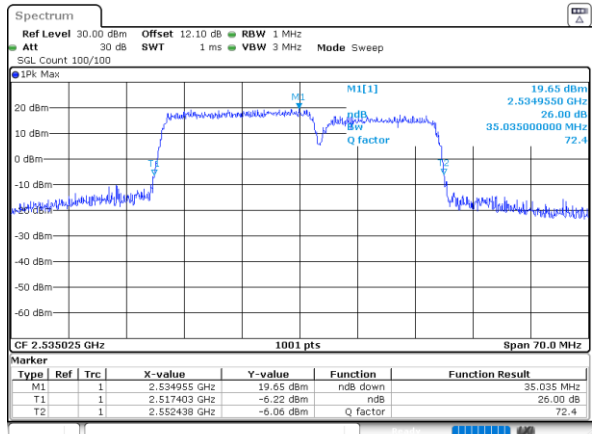
Date: 1.MAR.2024 02:26:52

Middle Channel / 20MHz+10MHz



Date: 1.MAR.2024 01:08:53

Middle Channel / 20MHz+15MHz



Date: 1.MAR.2024 03:06:51

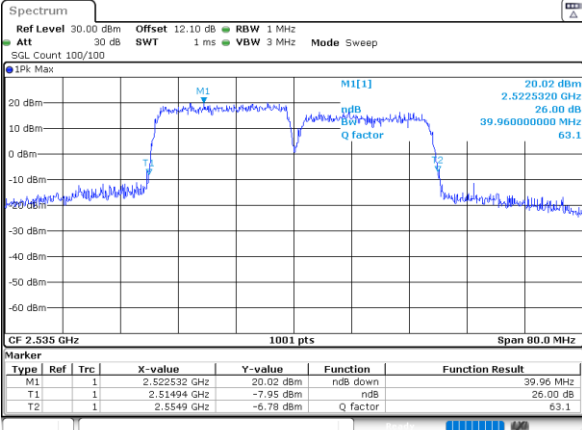


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 1.MAR.2024 03:45:14

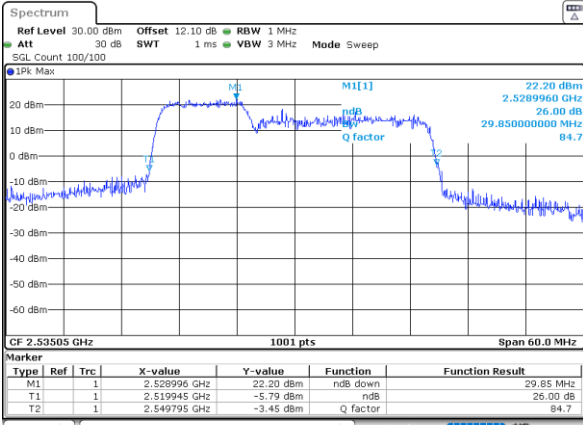




LTE Band 7C

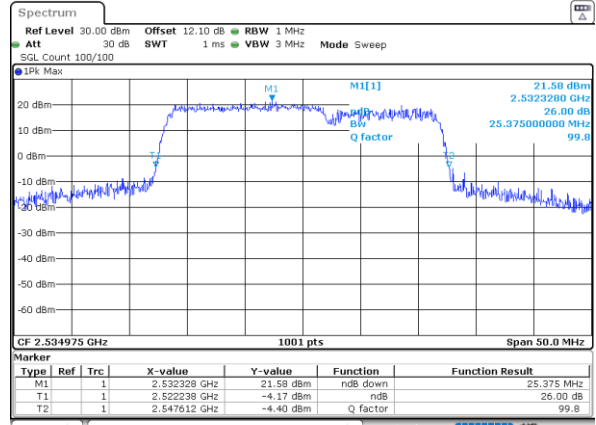
64QAM

Middle Channel / 10MHz+20MHz



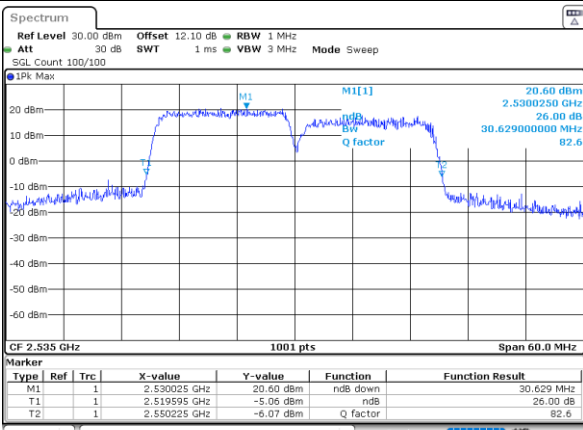
Date: 29.FEB.2024 21:54:35

Middle Channel / 15MHz+10MHz



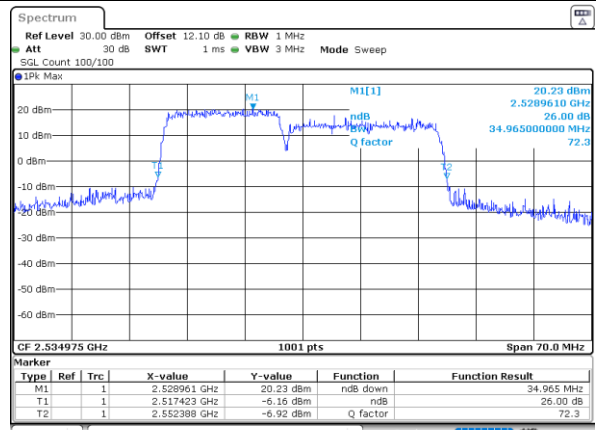
Date: 1.MAR.2024 04:24:37

Middle Channel / 15MHz+15MHz



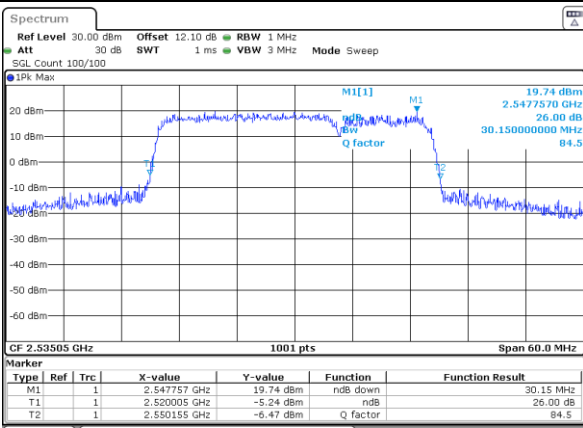
Date: 1.MAR.2024 01:46:31

Middle Channel / 15MHz+20MHz



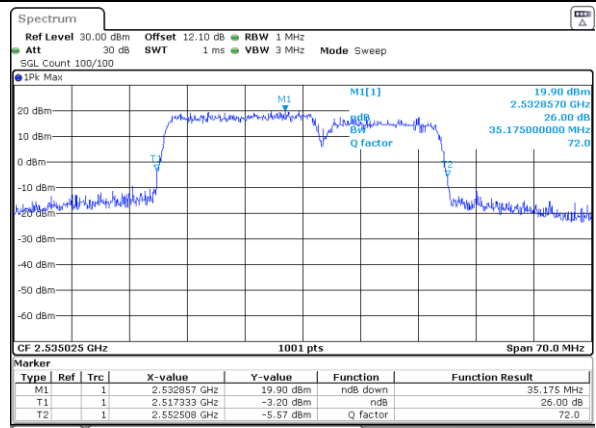
Date: 1.MAR.2024 02:26:22

Middle Channel / 20MHz+10MHz



Date: 1.MAR.2024 01:08:23

Middle Channel / 20MHz+15MHz



Date: 1.MAR.2024 03:06:21

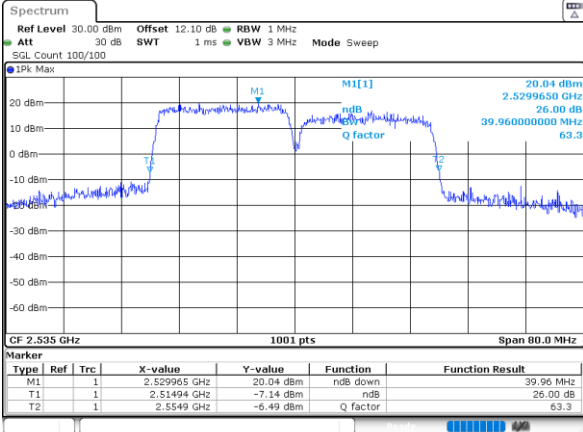


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



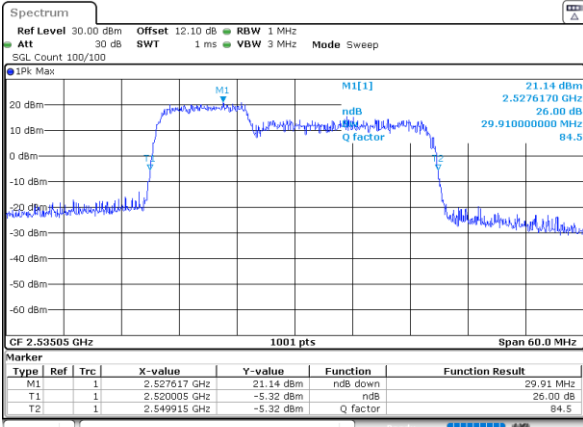
Date: 1.MAR.2024 03:44:46



LTE Band 7C

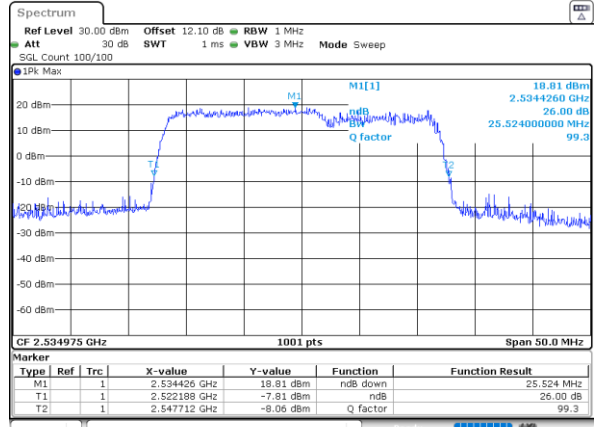
256QAM

Middle Channel / 10MHz+20MHz



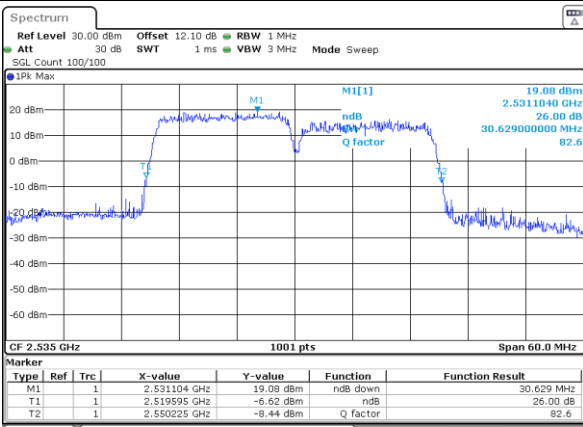
Date: 1.MAR.2024 04:39:05

Middle Channel / 15MHz+10MHz



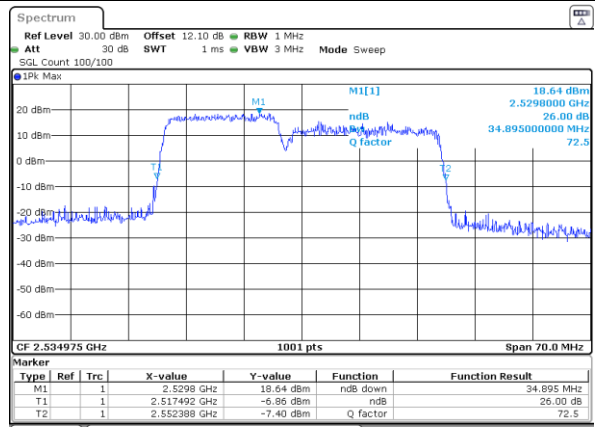
Date: 1.MAR.2024 05:53:58

Middle Channel / 15MHz+15MHz



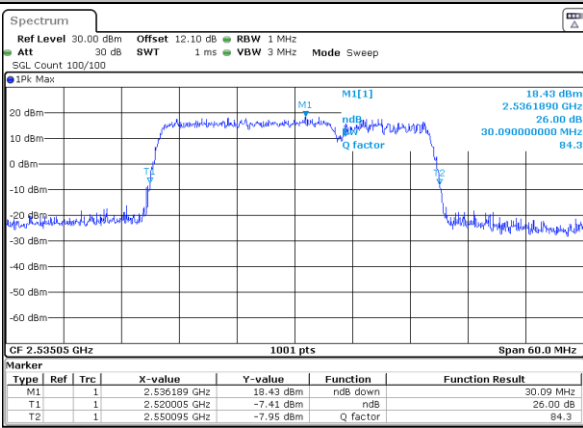
Date: 1.MAR.2024 05:10:248

Middle Channel / 15MHz+20MHz



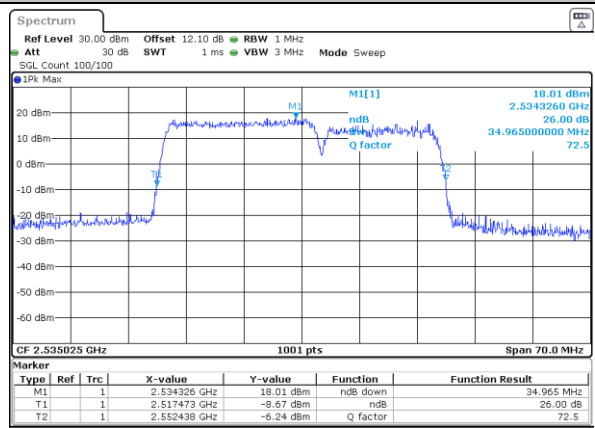
Date: 1.MAR.2024 05:16:25

Middle Channel / 20MHz+10MHz



Date: 1.MAR.2024 04:51:222

Middle Channel / 20MHz+15MHz



Date: 1.MAR.2024 05:27:40

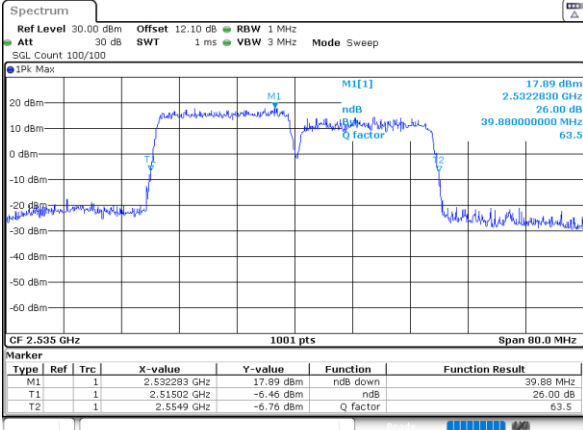


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 1.MAR.2024 05:41:56



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.93	23.57	28.65	32.79
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.86	37.72	

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.93	23.42	28.47	32.79
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.79	37.56	

Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.99	23.42	28.47	32.79
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.72	37.72	

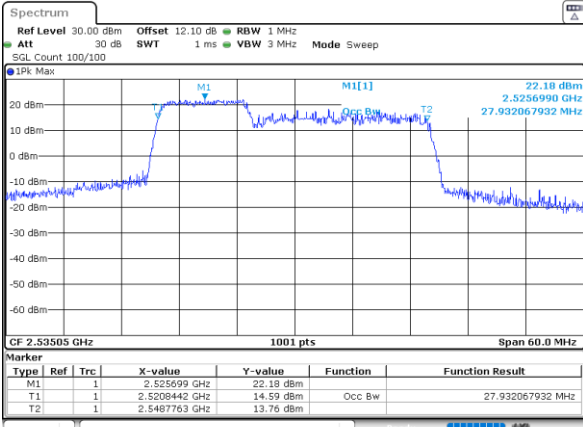
Mode	LTE Band 7C : 99%OBW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.93	23.42	28.59	32.44
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.65	37.48	



LTE Band 7C

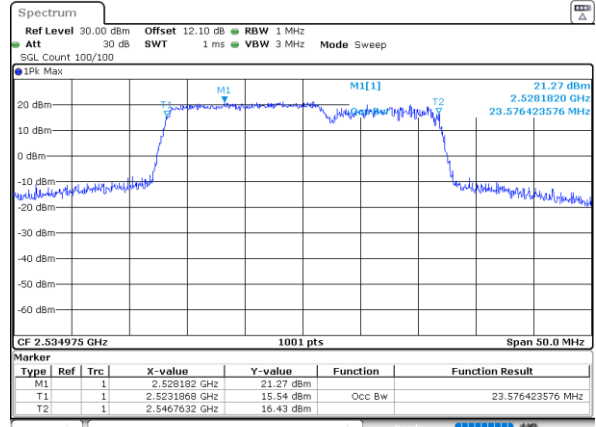
QPSK

Middle Channel / 10MHz+20MHz



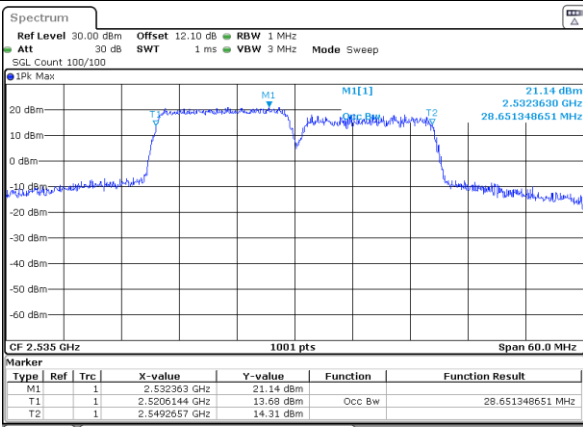
Date: 29.FEB.2024 21:49:57

Middle Channel / 15MHz+10MHz



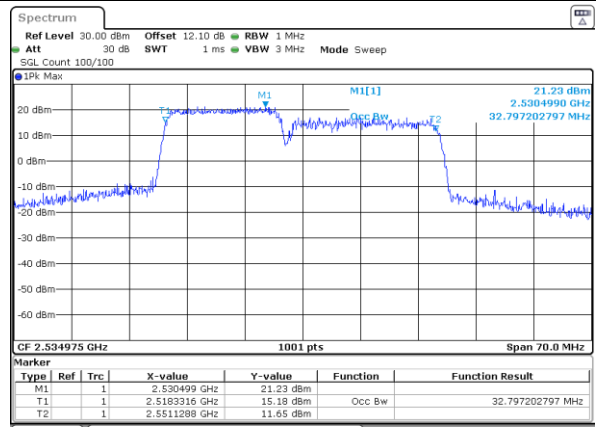
Date: 1.MAR.2024 04:20:03

Middle Channel / 15MHz+15MHz



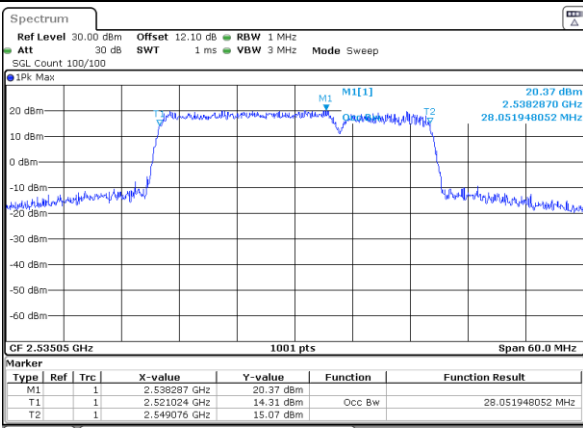
Date: 1.MAR.2024 01:42:17

Middle Channel / 15MHz+20MHz



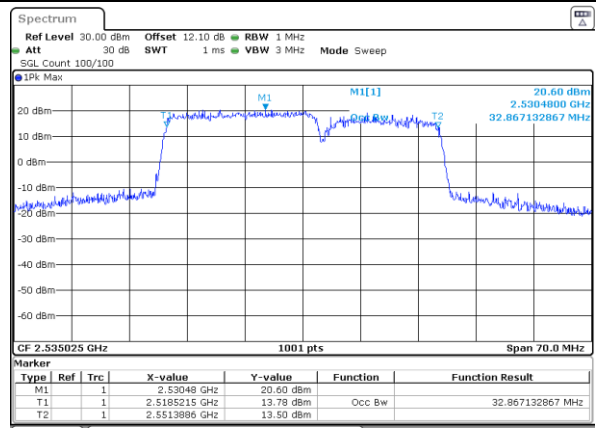
Date: 1.MAR.2024 02:21:49

Middle Channel / 20MHz+10MHz



Date: 1.MAR.2024 01:03:48

Middle Channel / 20MHz+15MHz



Date: 1.MAR.2024 03:01:47

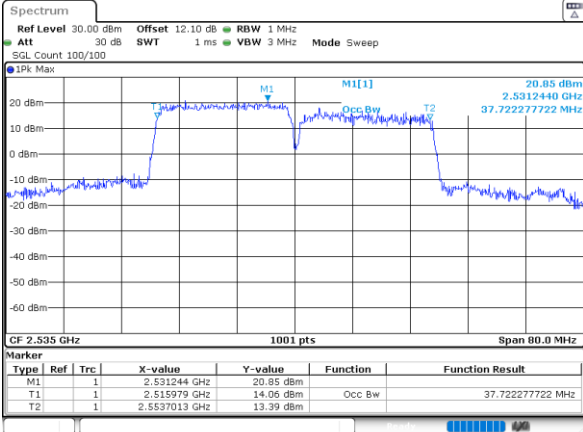


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



Date: 1.MAR.2024 03:40:33