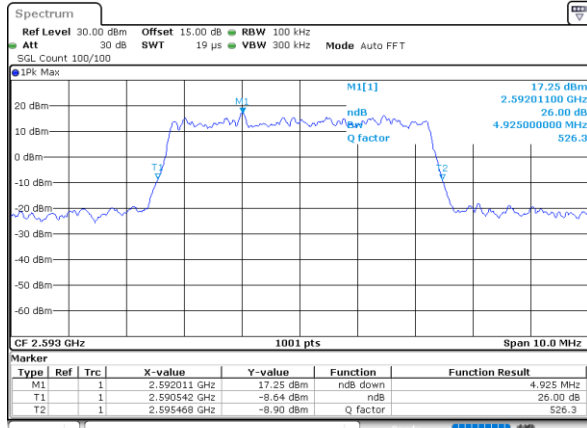




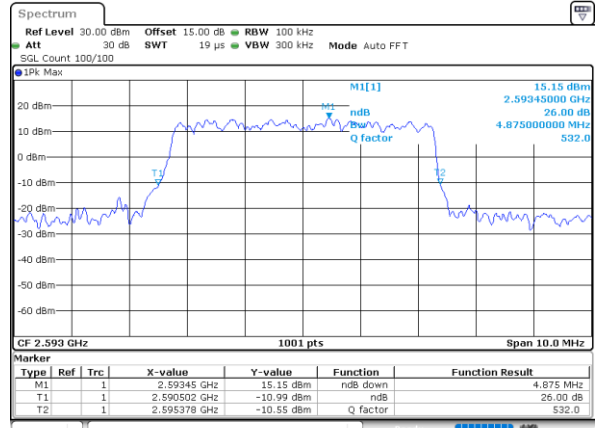
LTE Band 41

Middle Channel / 5MHz / QPSK



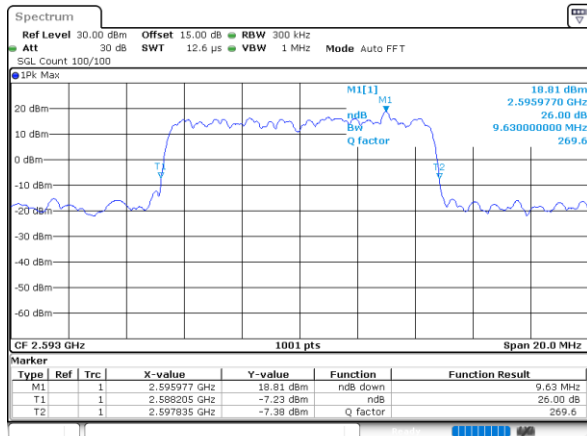
Date: 11.OCT.2024 12:32:45

Middle Channel / 5MHz / 16QAM



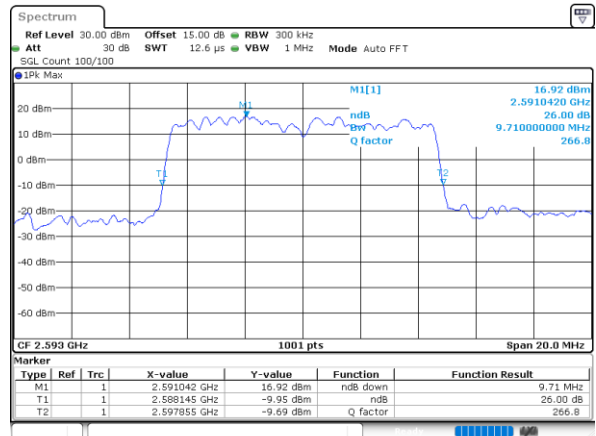
Date: 11.OCT.2024 12:33:24

Middle Channel / 10MHz / QPSK



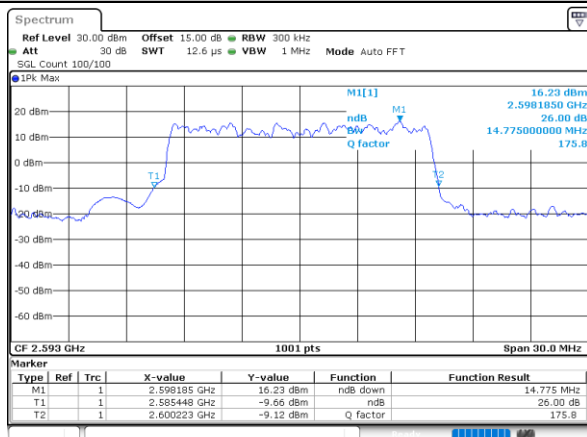
Date: 11.OCT.2024 12:51:05

Middle Channel / 10MHz / 16QAM



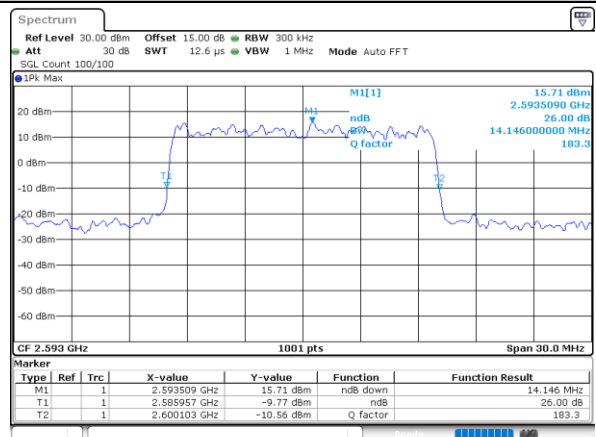
Date: 11.OCT.2024 12:51:45

Middle Channel / 15MHz / QPSK



Date: 11.OCT.2024 13:05:41

Middle Channel / 15MHz / 16QAM

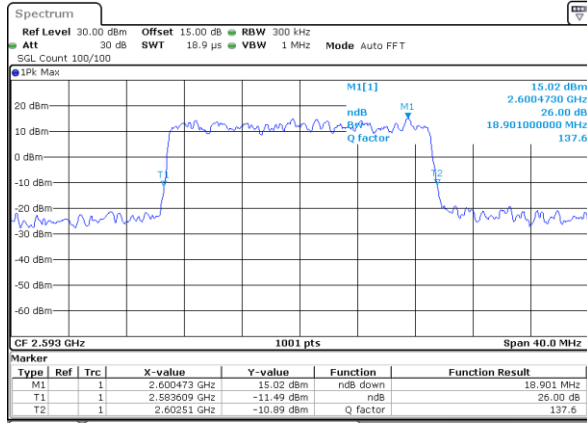


Date: 11.OCT.2024 13:06:21



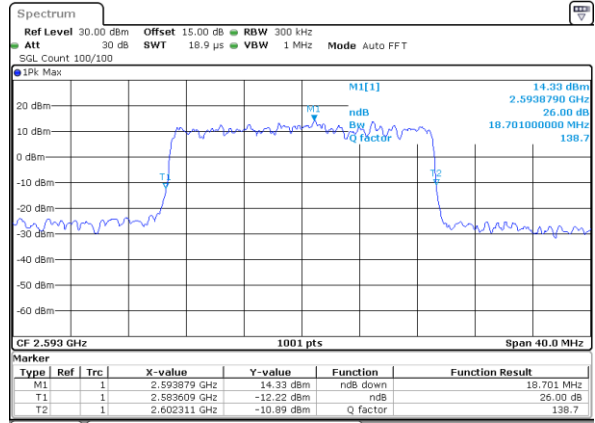
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 11.OCT.2024 13:21:54

Middle Channel / 20MHz / 16QAM



Date: 11.OCT.2024 13:22:34



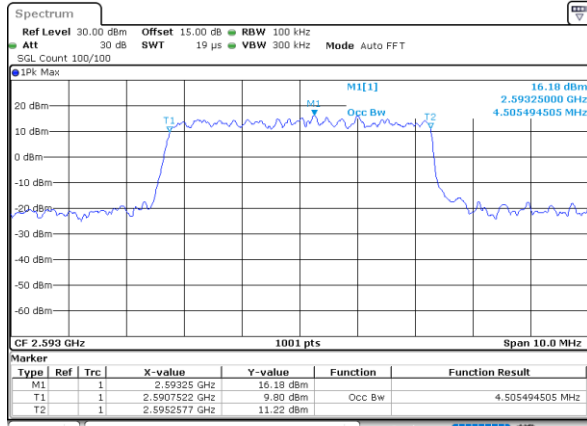
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.51	4.49	9.05	9.05	13.46	13.46	17.82	17.90



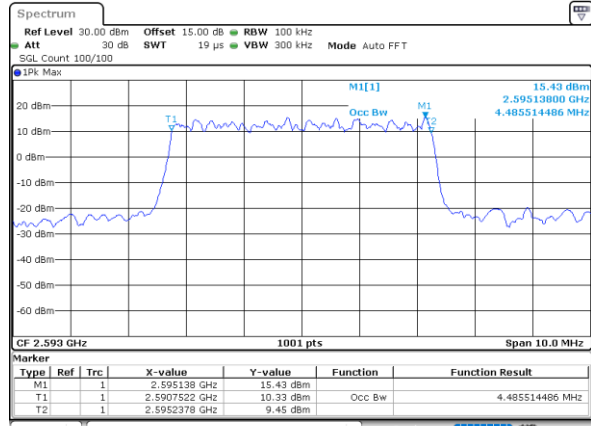
LTE Band 41

Middle Channel / 5MHz / QPSK



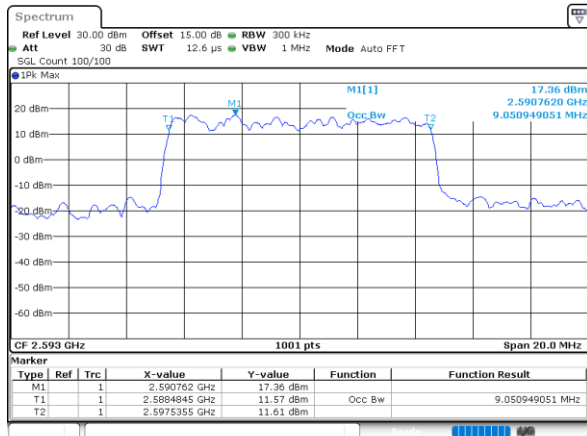
Date: 11.OCT.2024 12:32:13

Middle Channel / 5MHz / 16QAM



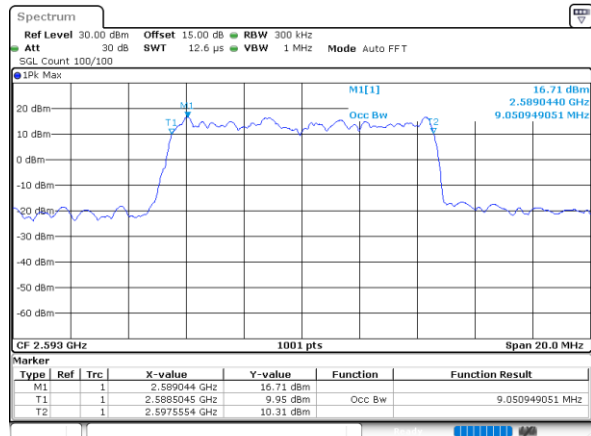
Date: 11.OCT.2024 12:33:11

Middle Channel / 10MHz / QPSK



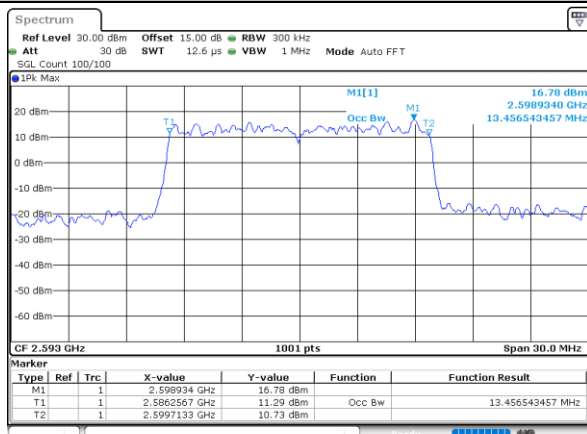
Date: 11.OCT.2024 12:56:51

Middle Channel / 10MHz / 16QAM



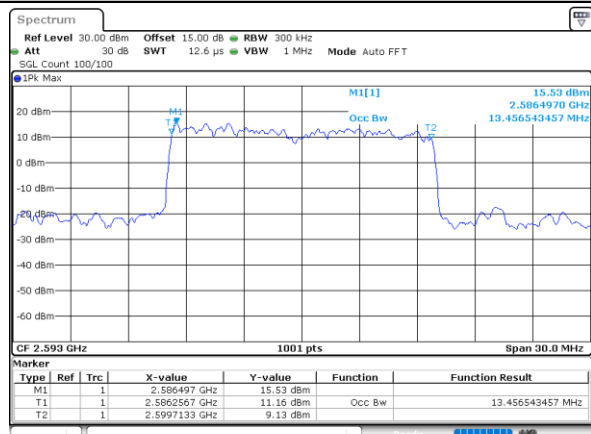
Date: 11.OCT.2024 12:51:31

Middle Channel / 15MHz / QPSK



Date: 11.OCT.2024 13:05:27

Middle Channel / 15MHz / 16QAM

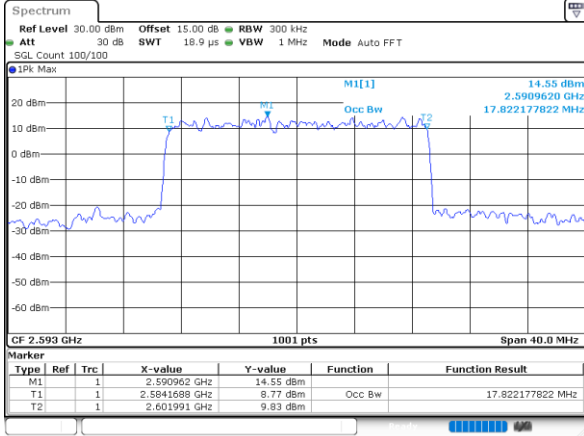


Date: 11.OCT.2024 13:06:07



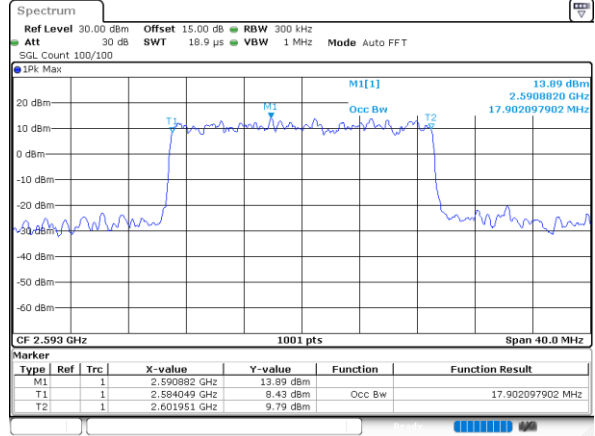
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 11.OCT.2024 13:21:40

Middle Channel / 20MHz / 16QAM



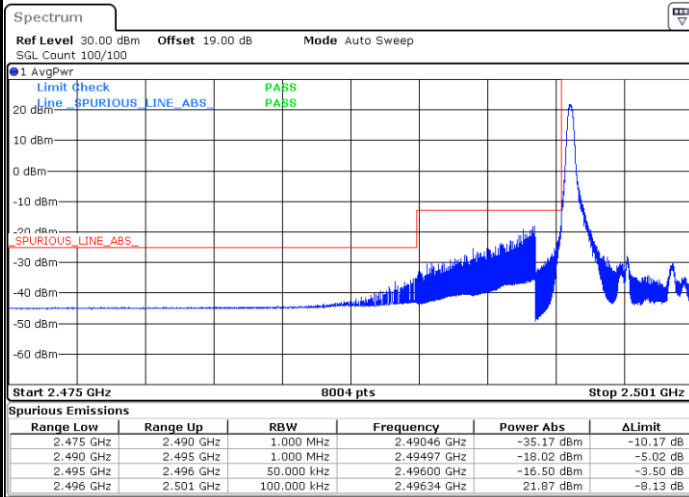
Date: 11.OCT.2024 13:22:20



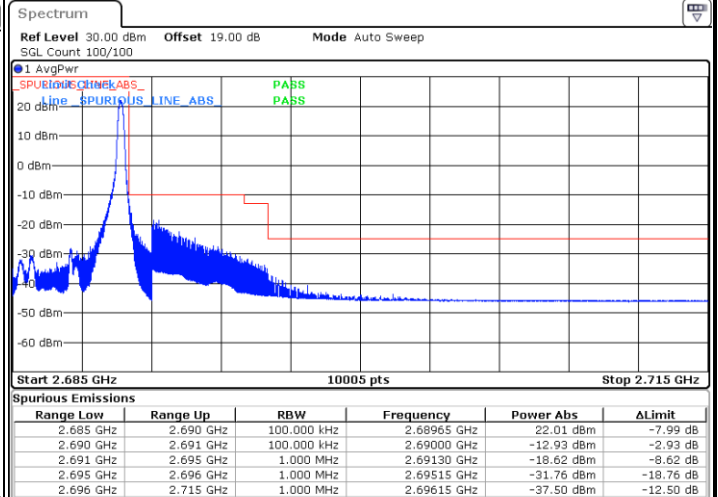
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

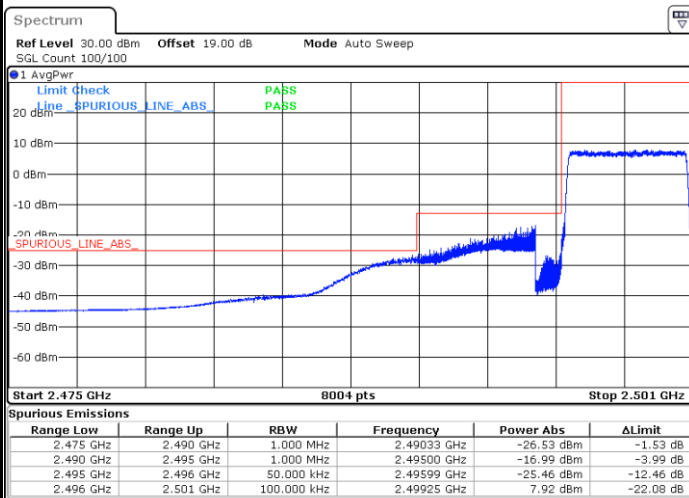
Lowest Band Edge / 1 RB



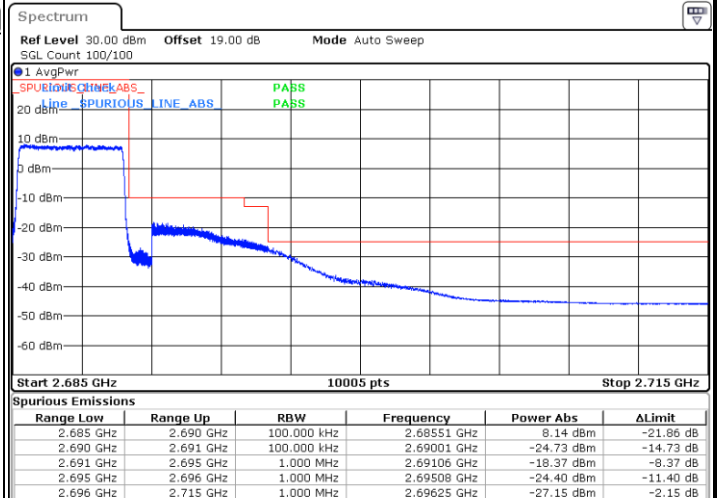
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



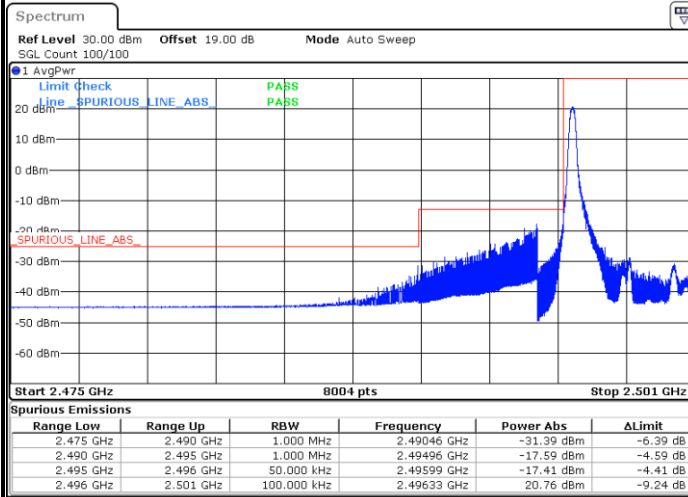
Highest Band Edge / Full RB





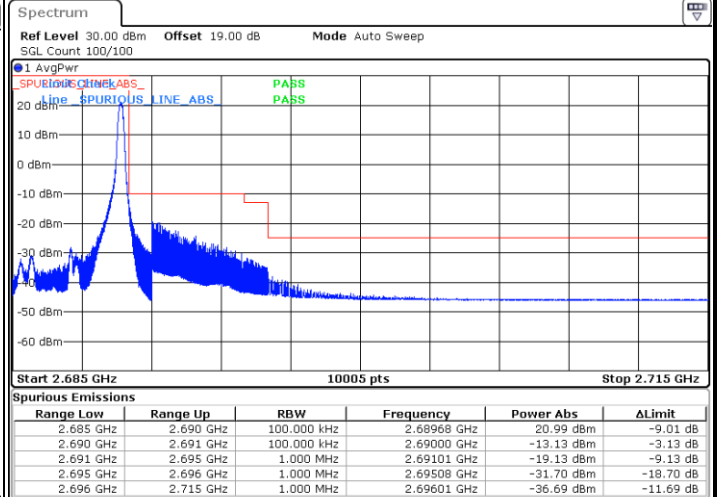
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



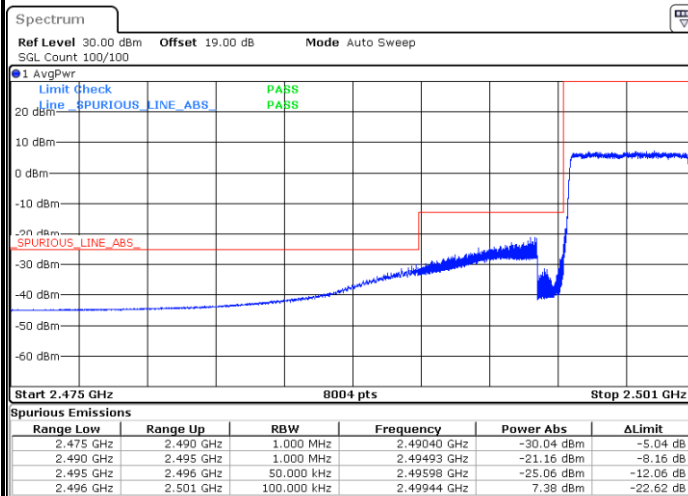
Date: 14.OCT.2024 10:23:17

Highest Band Edge / 1 RB



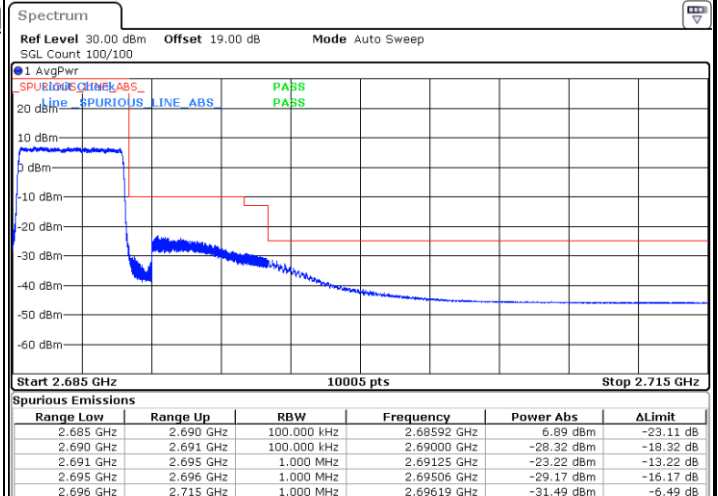
Date: 14.OCT.2024 10:35:56

Lowest Band Edge / Full RB



Date: 14.OCT.2024 10:27:09

Highest Band Edge / Full RB

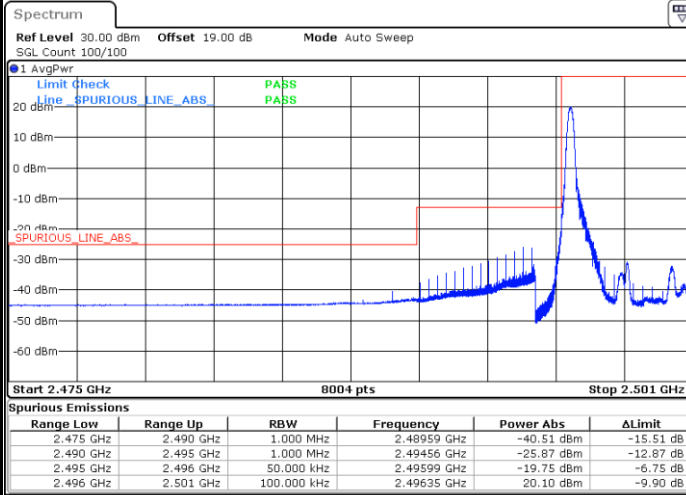


Date: 14.OCT.2024 10:39:42



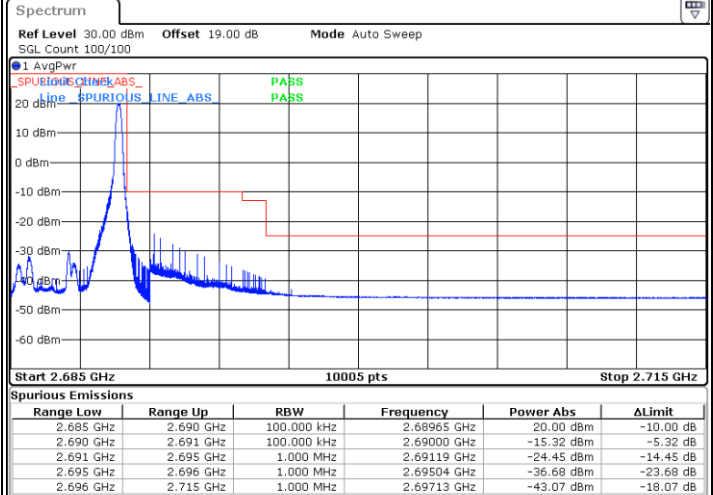
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



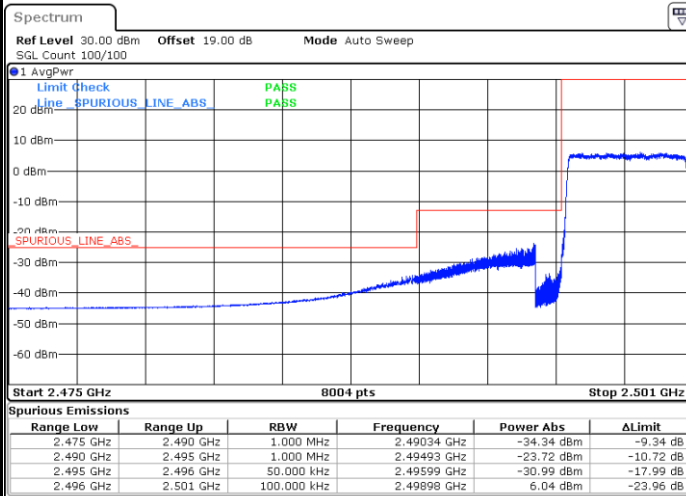
Date: 14.OCT.2024 10:24:14

Highest Band Edge / 1 RB



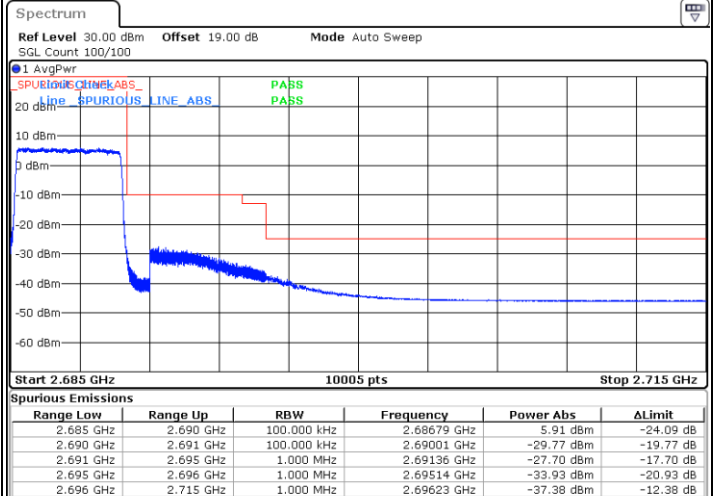
Date: 14.OCT.2024 10:34:47

Lowest Band Edge / Full RB



Date: 14.OCT.2024 10:26:15

Highest Band Edge / Full RB

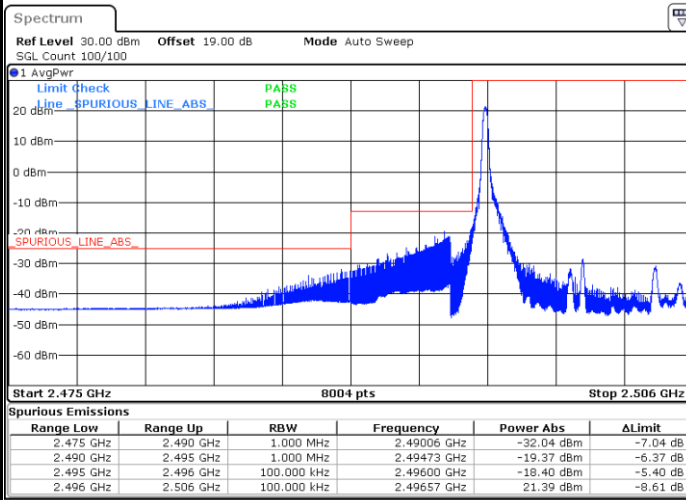


Date: 14.OCT.2024 10:31:43

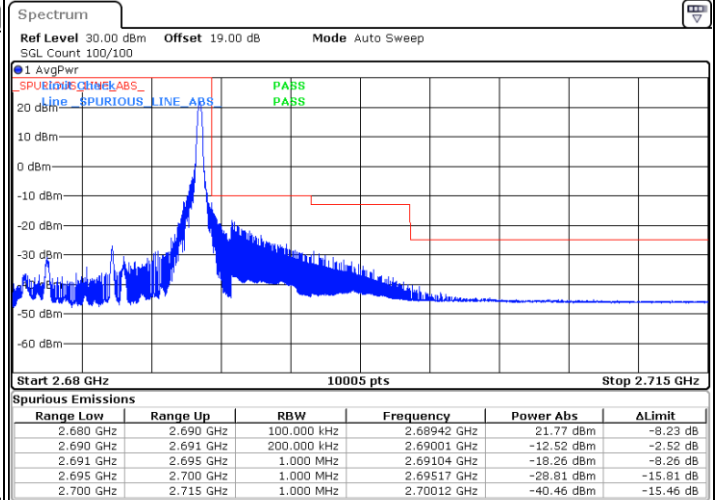


LTE Band 41 / 10MHz / QPSK

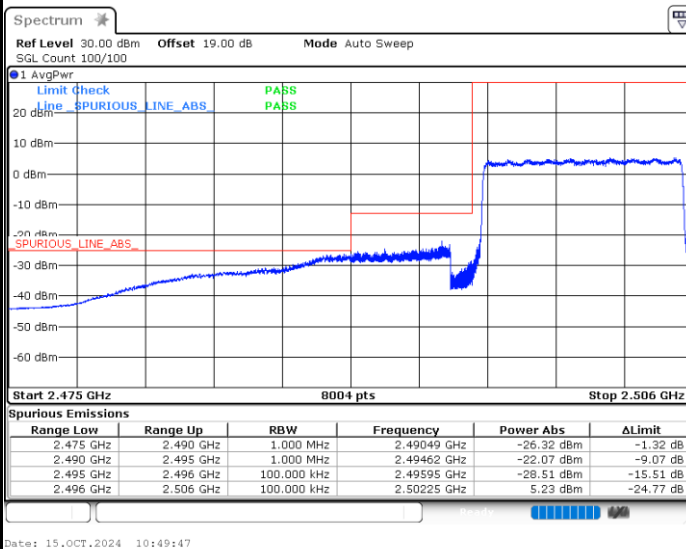
Lowest Band Edge / 1 RB



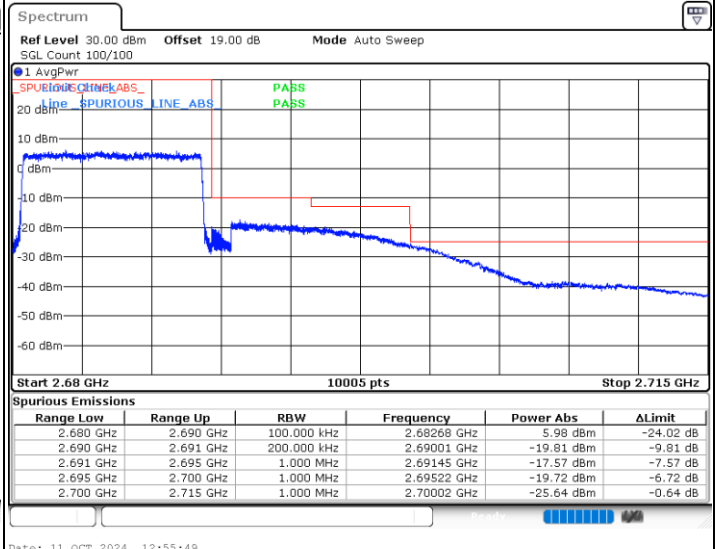
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



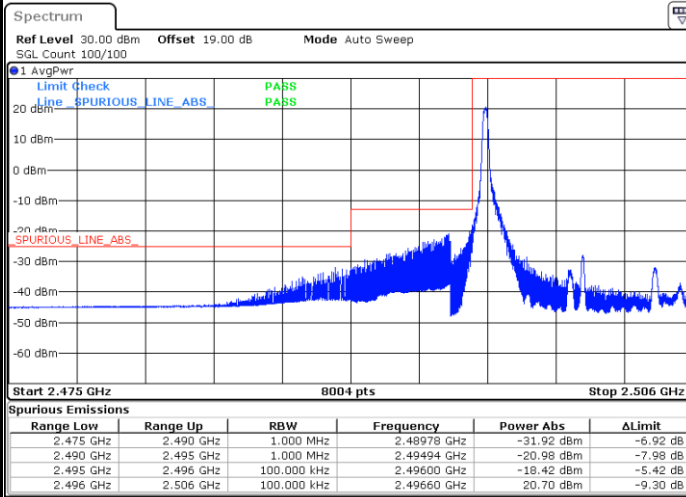
Highest Band Edge / Full RB



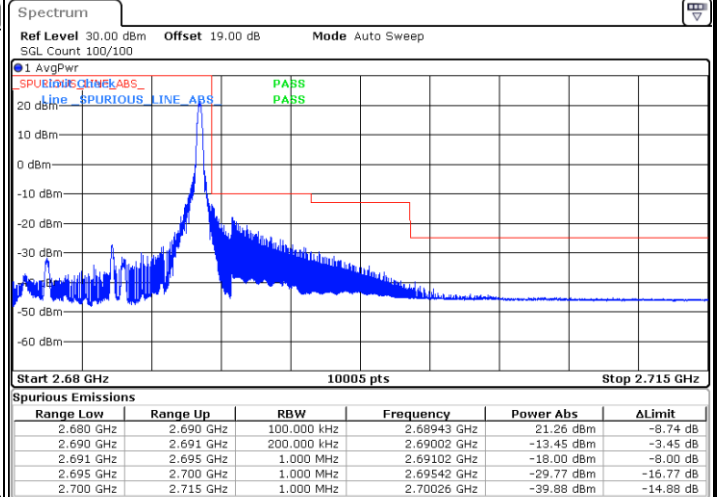


LTE Band 41 / 10MHz / 16QAM

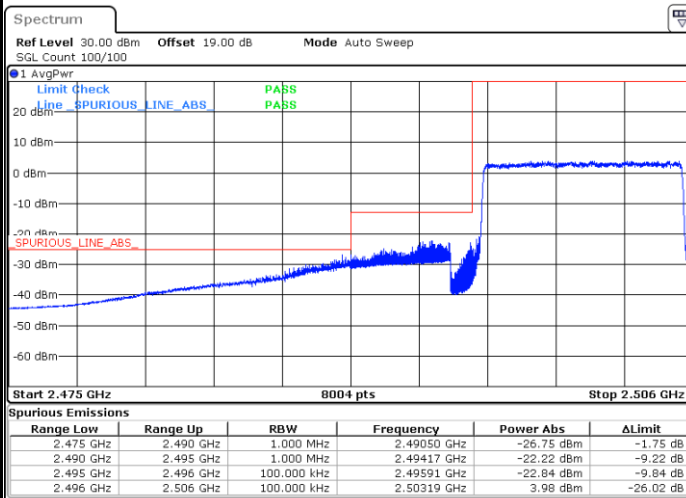
Lowest Band Edge / 1RB



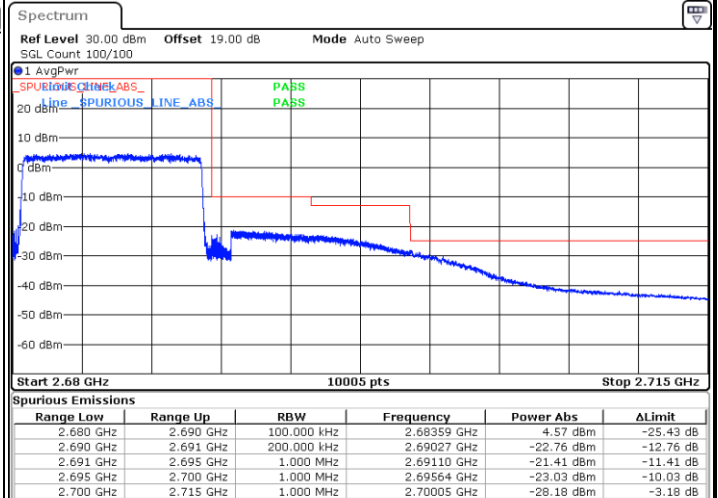
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



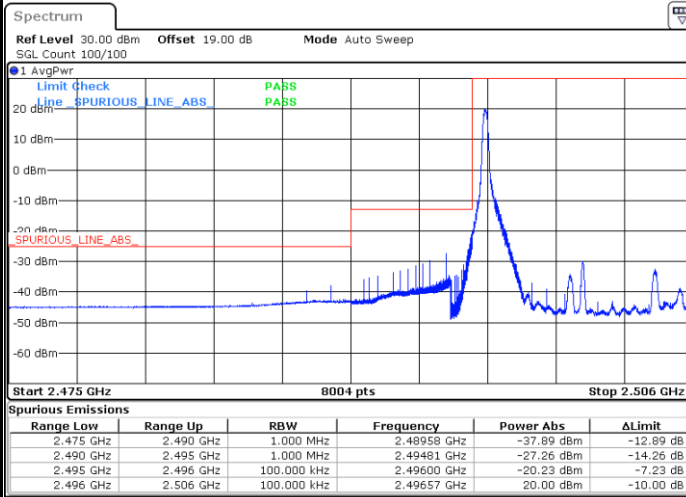
Highest Band Edge / Full RB





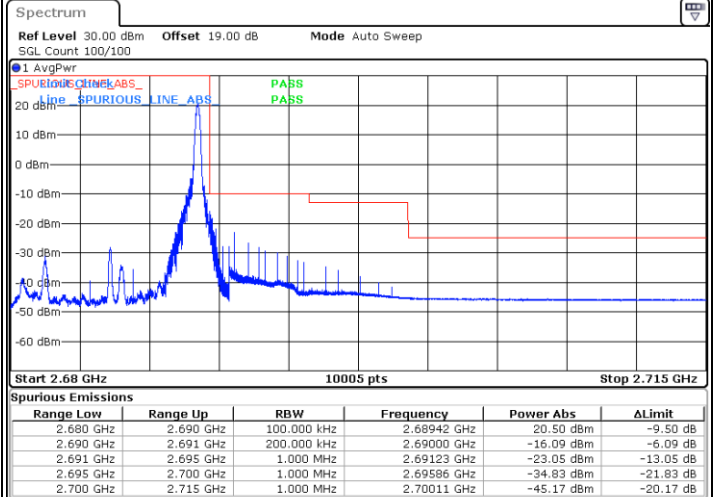
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



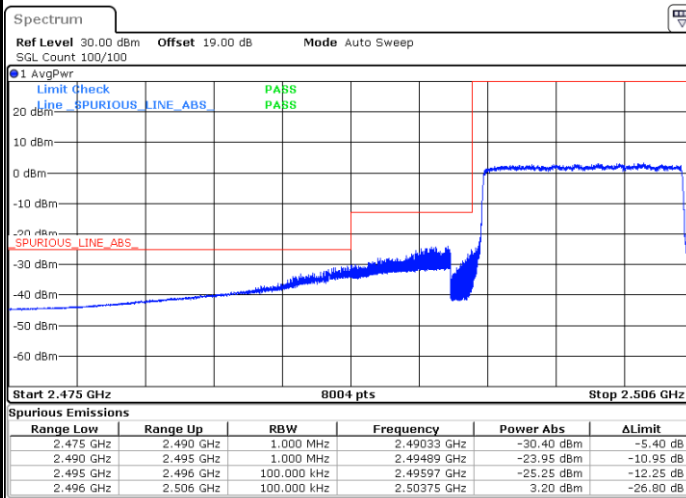
Date: 14.OCT.2024 10:45:07

Highest Band Edge / 1 RB



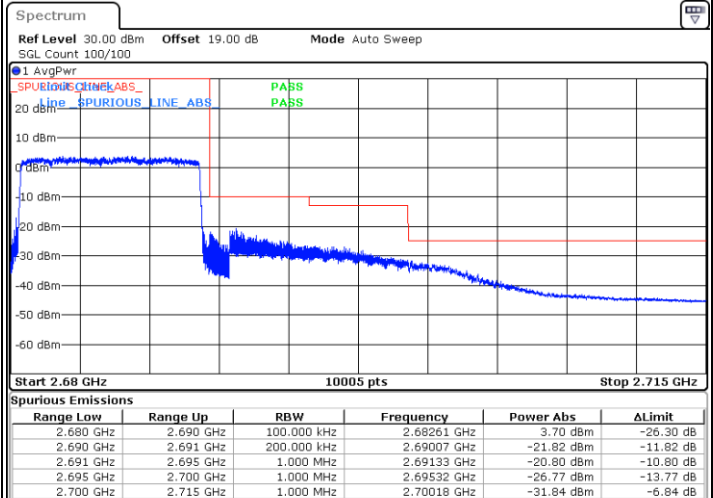
Date: 11.OCT.2024 12:53:46

Lowest Band Edge / Full RB



Date: 14.OCT.2024 10:46:29

Highest Band Edge / Full RB

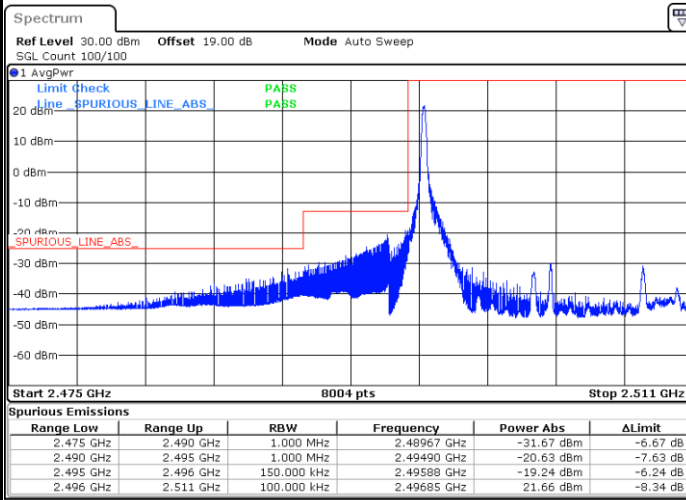


Date: 11.OCT.2024 12:54:27

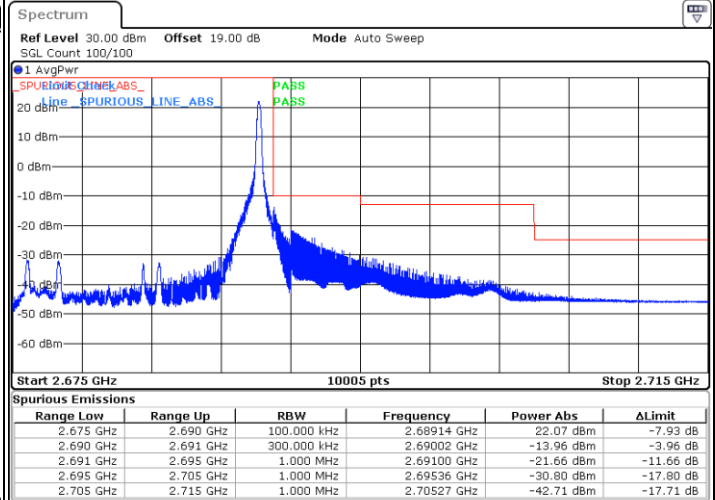


LTE Band 41 / 15MHz / QPSK

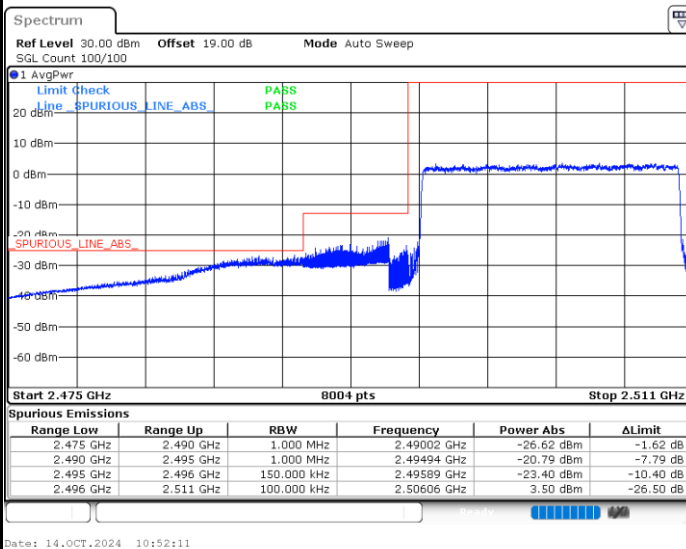
Lowest Band Edge / 1 RB



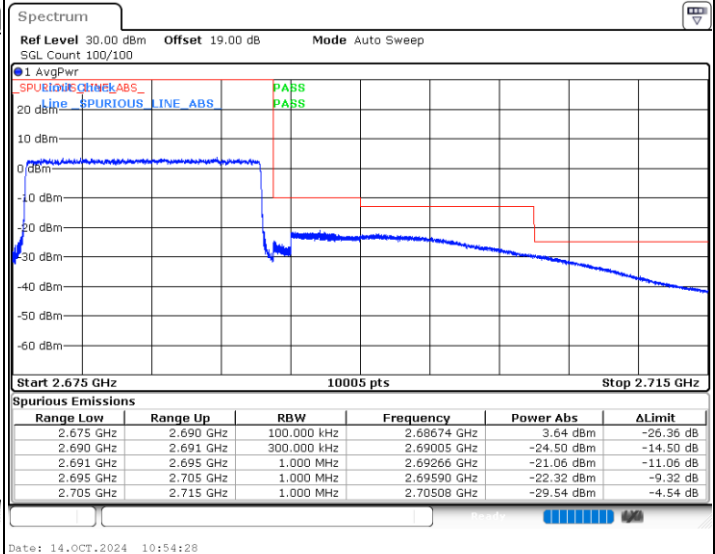
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



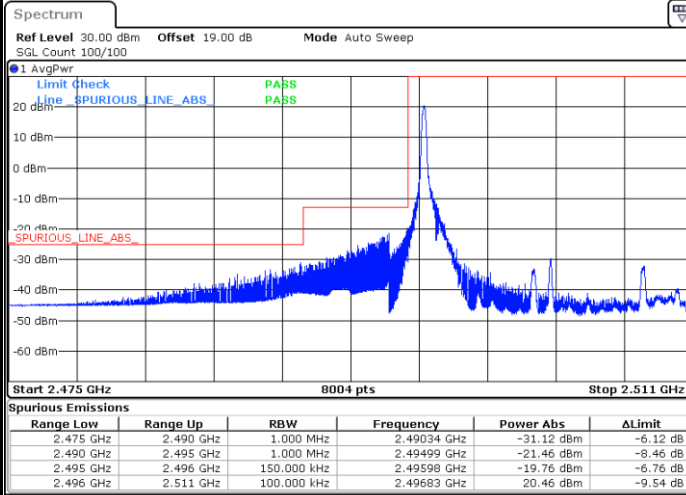
Highest Band Edge / Full RB



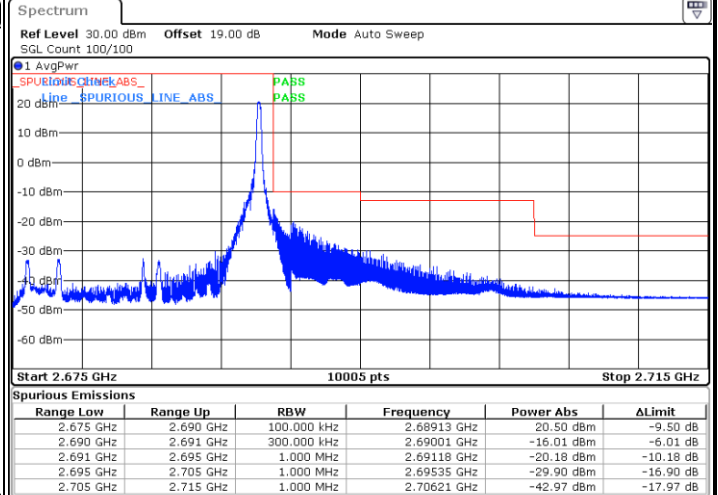


LTE Band 41 / 15MHz / 16QAM

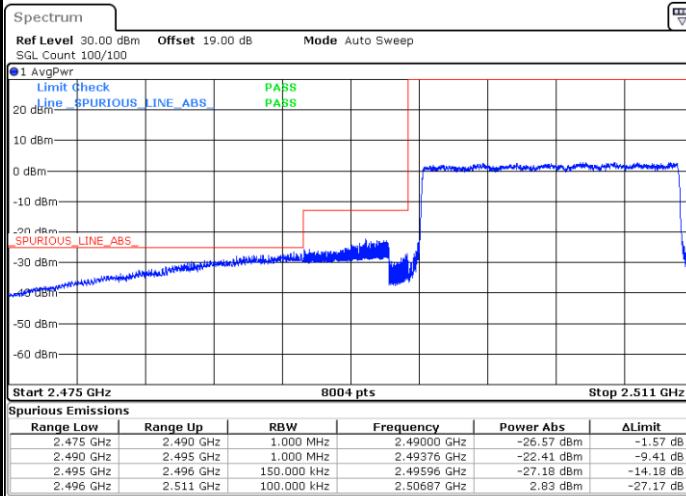
Lowest Band Edge / 1RB



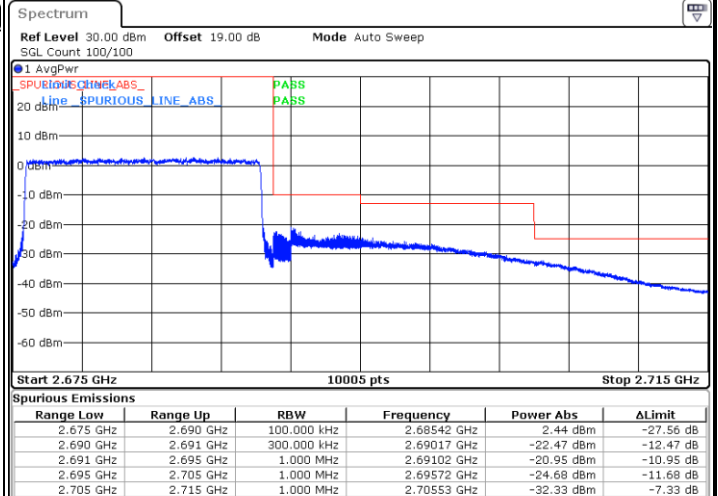
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



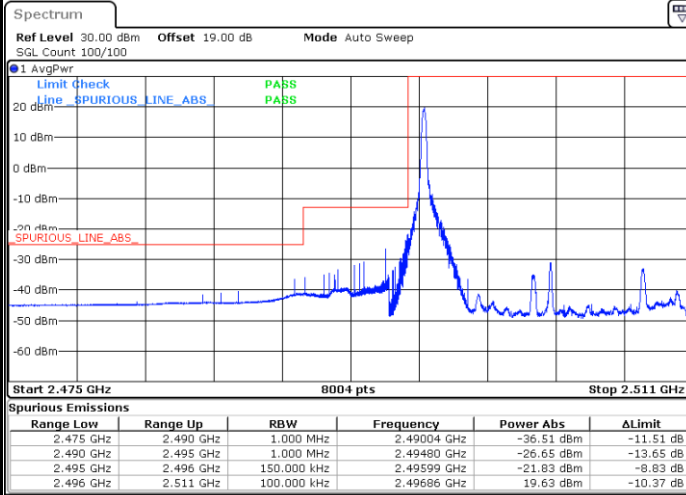
Highest Band Edge / Full RB





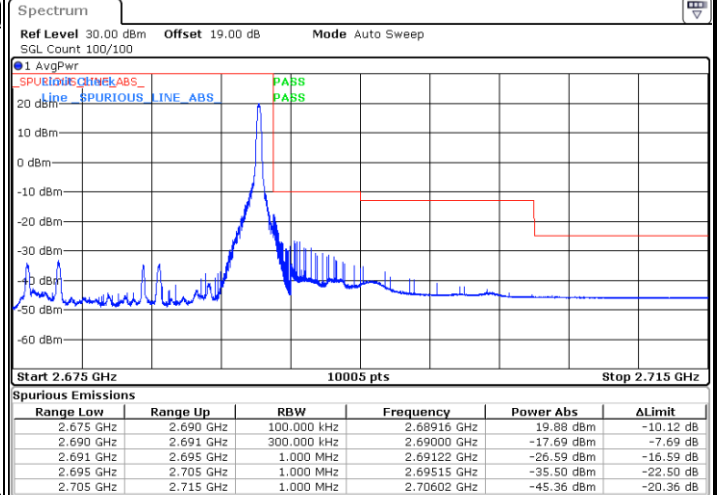
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



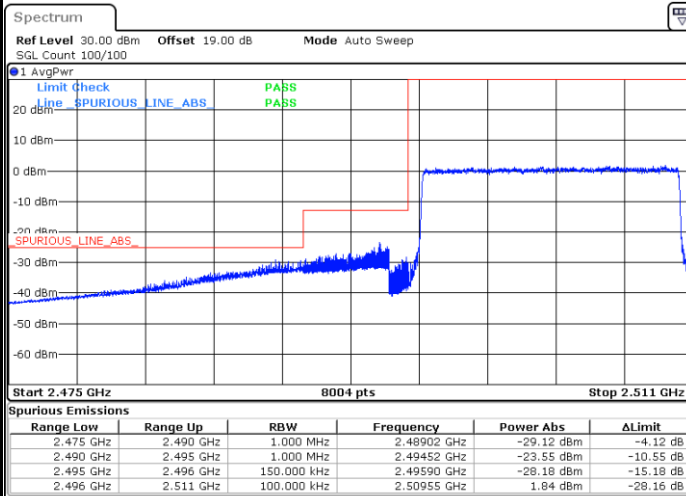
Date: 11.OCT.2024 13:00:29

Highest Band Edge / 1 RB



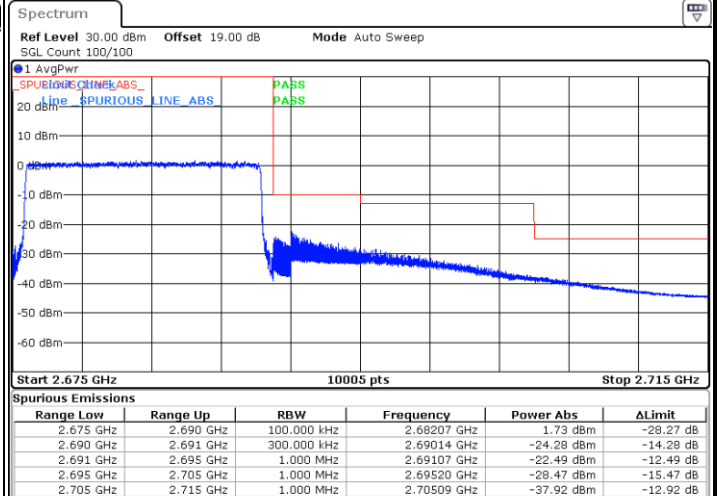
Date: 14.OCT.2024 11:02:37

Lowest Band Edge / Full RB



Date: 11.OCT.2024 13:01:13

Highest Band Edge / Full RB

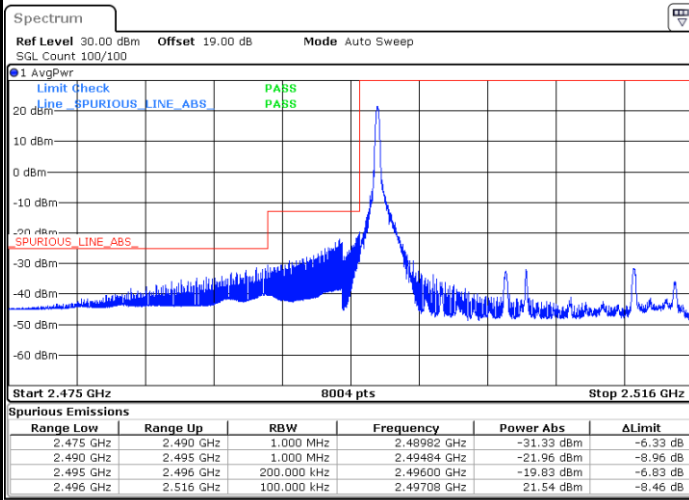


Date: 14.OCT.2024 10:56:43

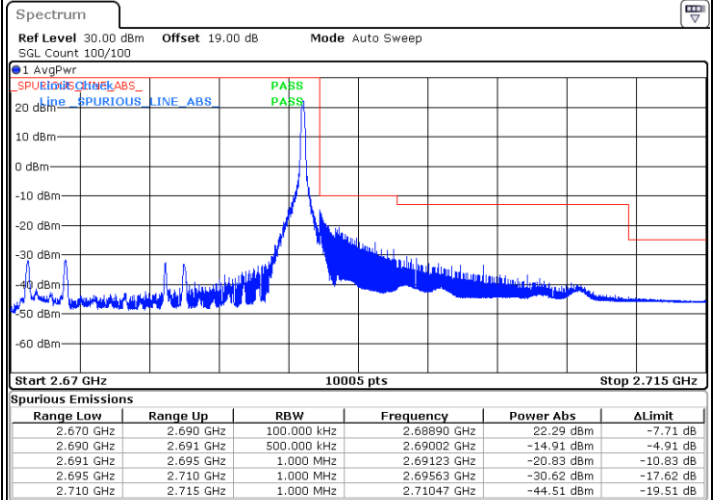


LTE Band 41 / 20MHz / QPSK

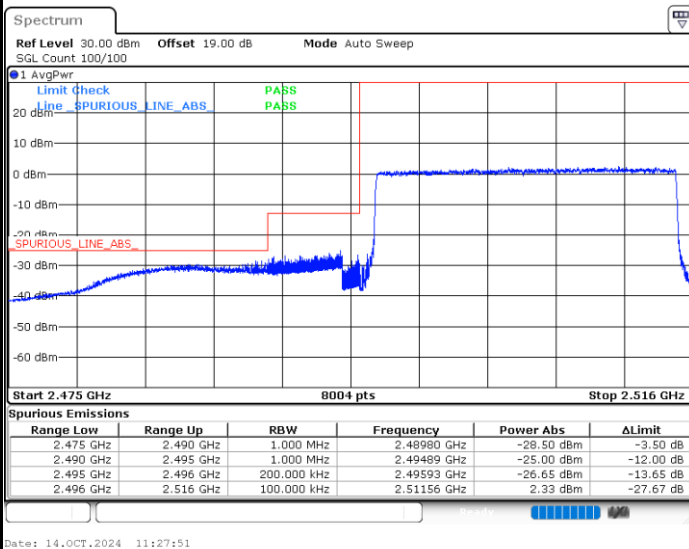
Lowest Band Edge / 1 RB



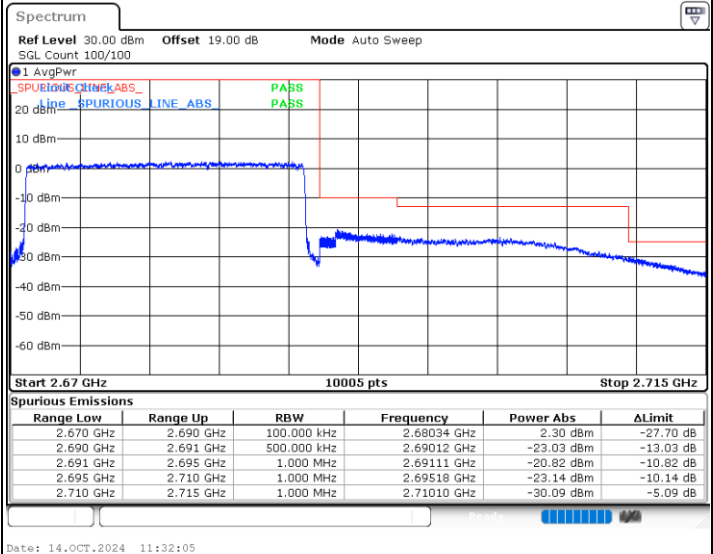
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



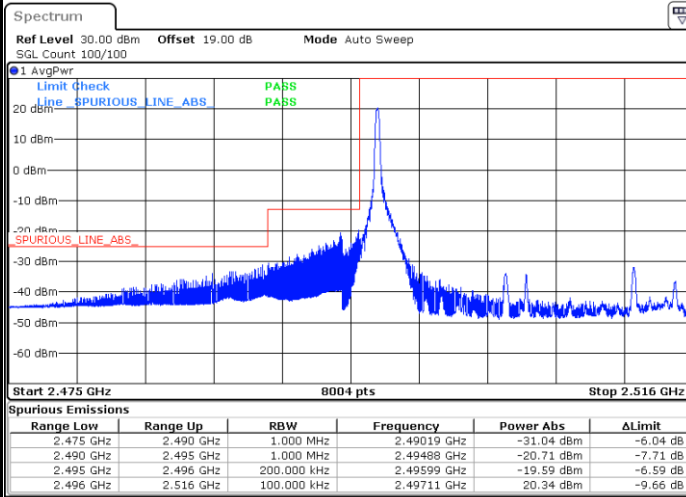
Highest Band Edge / Full RB





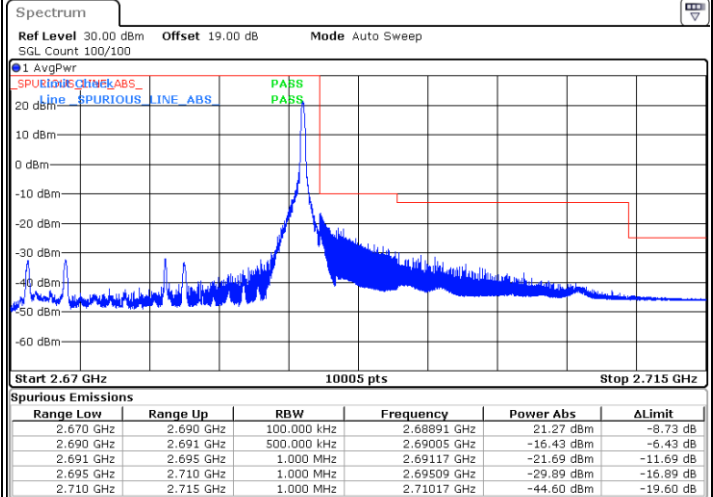
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



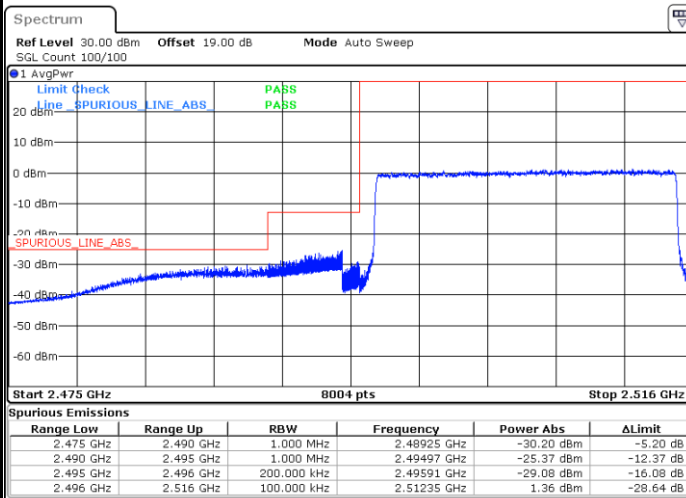
Date: 14.OCT.2024 11:06:25

Highest Band Edge / 1 RB



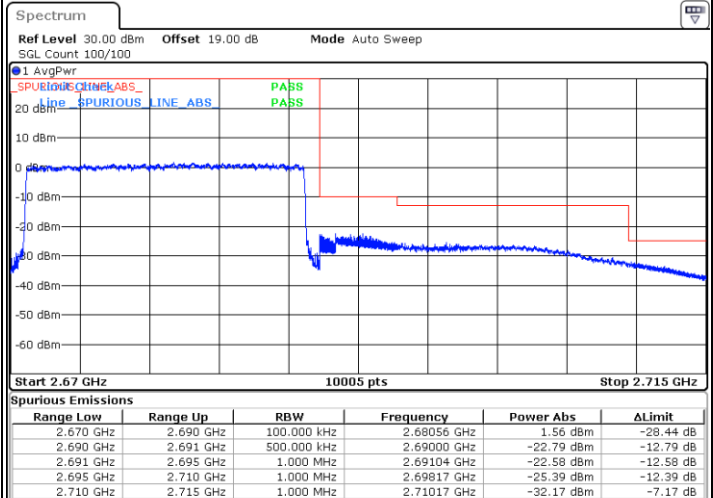
Date: 14.OCT.2024 11:42:02

Lowest Band Edge / Full RB



Date: 14.OCT.2024 11:28:56

Highest Band Edge / Full RB

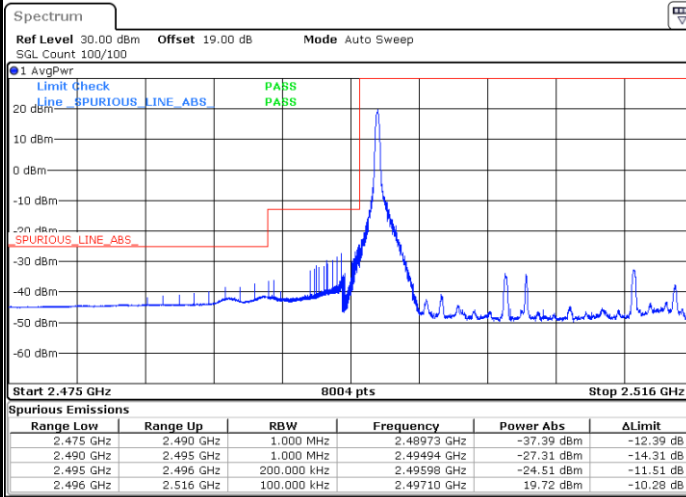


Date: 14.OCT.2024 11:49:25



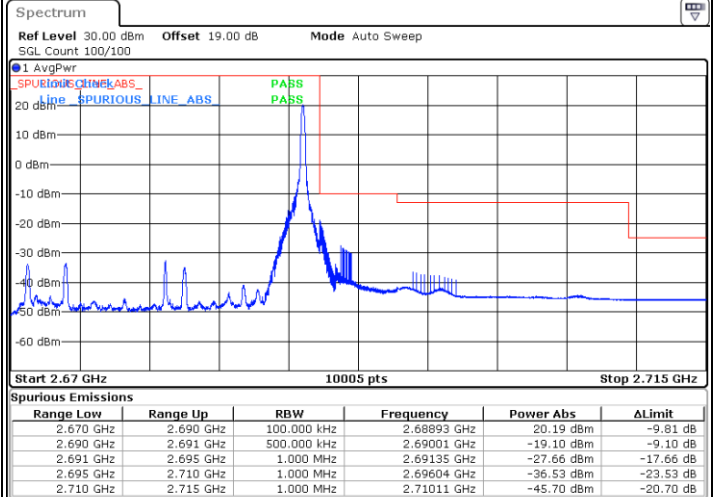
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



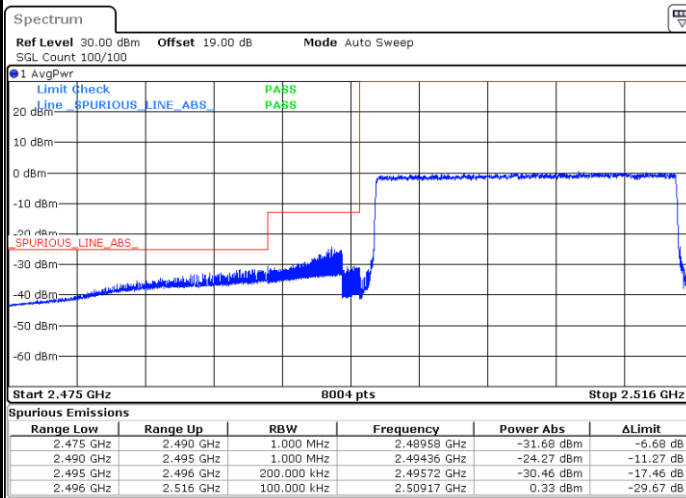
Date: 14.OCT.2024 11:04:59

Highest Band Edge / 1 RB



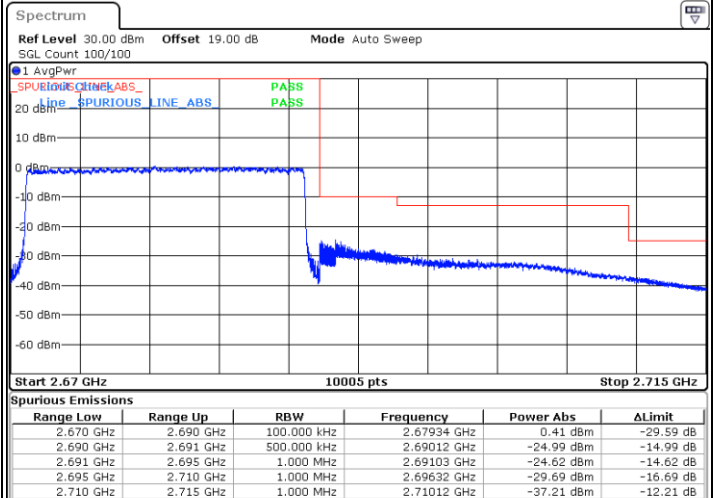
Date: 14.OCT.2024 11:40:45

Lowest Band Edge / Full RB



Date: 14.OCT.2024 11:30:34

Highest Band Edge / Full RB



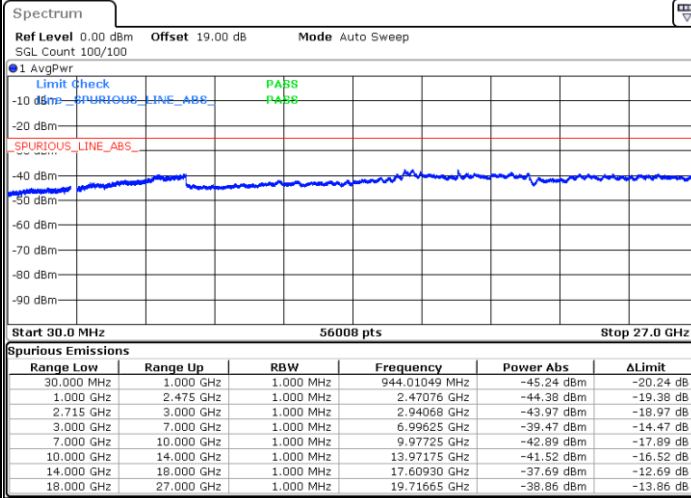
Date: 14.OCT.2024 11:37:38



Conducted Spurious Emission

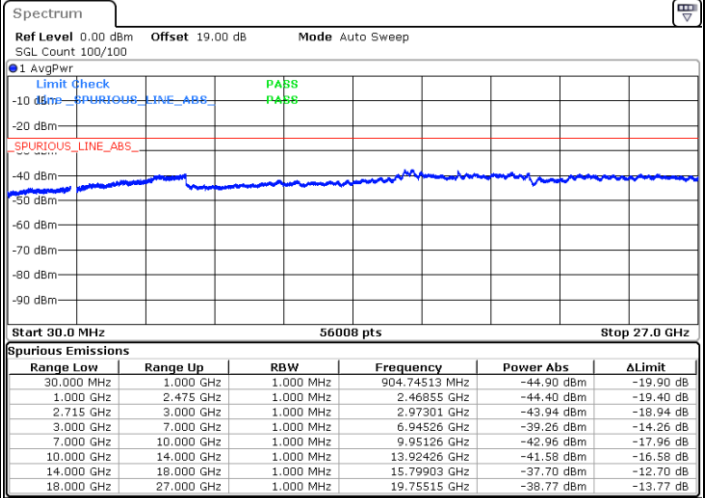
LTE Band 41 / 5MHz

Lowest Channel / QPSK



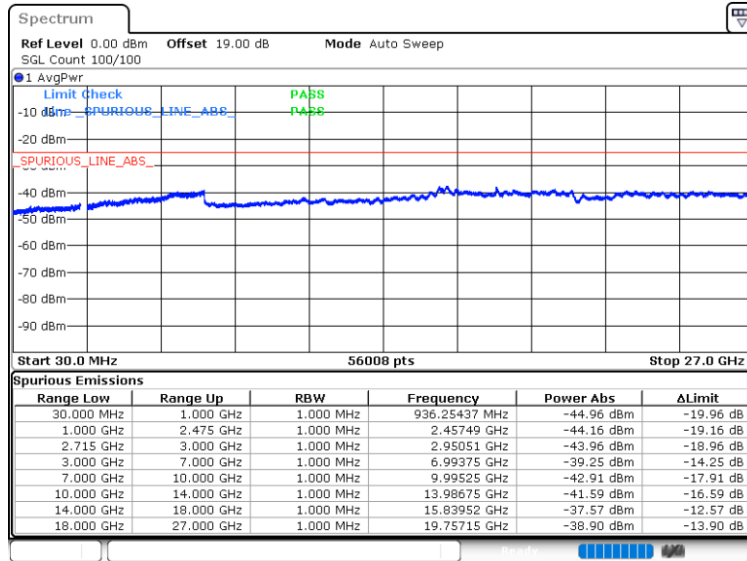
Date: 11.OCT.2024 12:30:54

Middle Channel / QPSK



Date: 11.OCT.2024 12:32:04

Highest Channel / QPSK

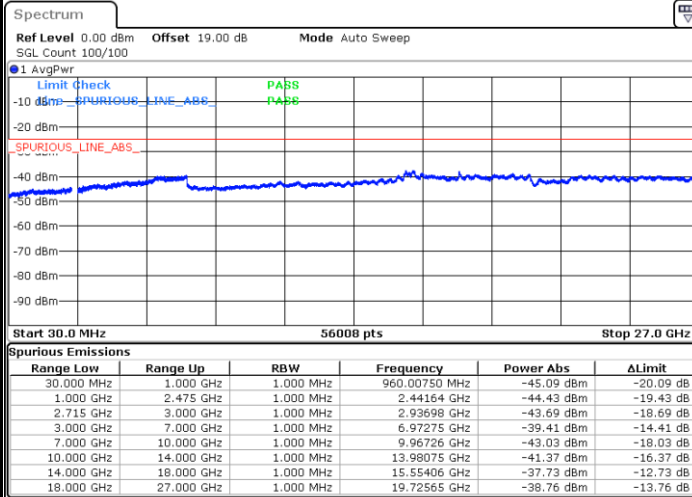


Date: 11.OCT.2024 12:41:55



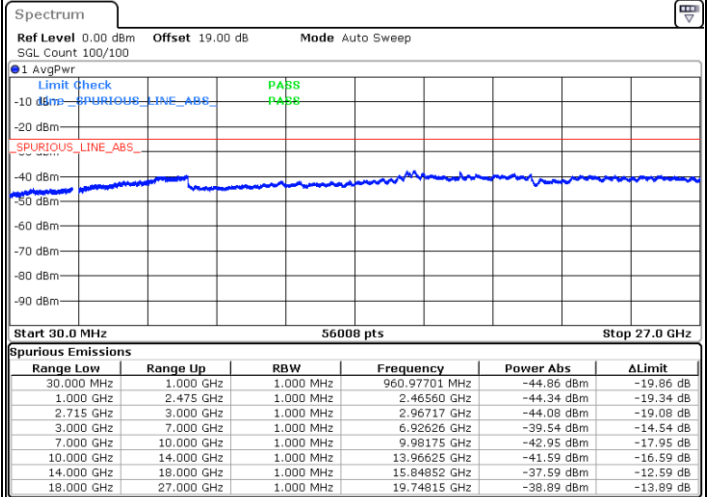
LTE Band 41 / 10MHz

Lowest Channel / QPSK



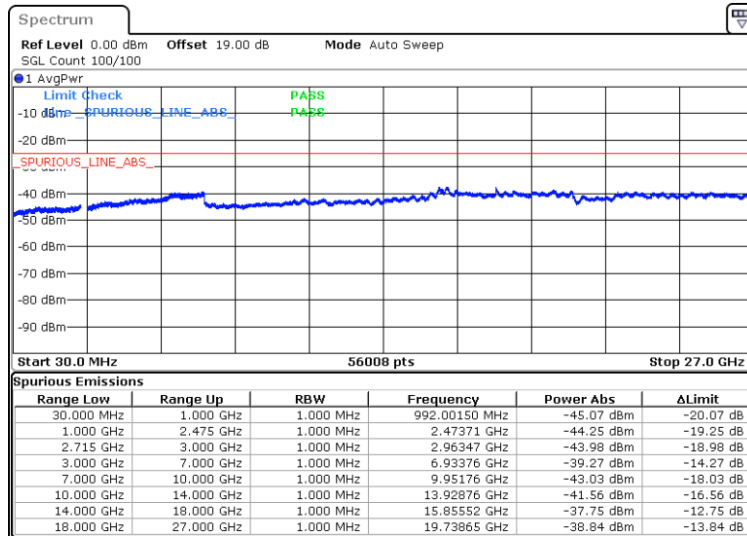
Date: 11.OCT.2024 12:49:15

Middle Channel / QPSK



Date: 11.OCT.2024 12:50:25

Highest Channel / QPSK

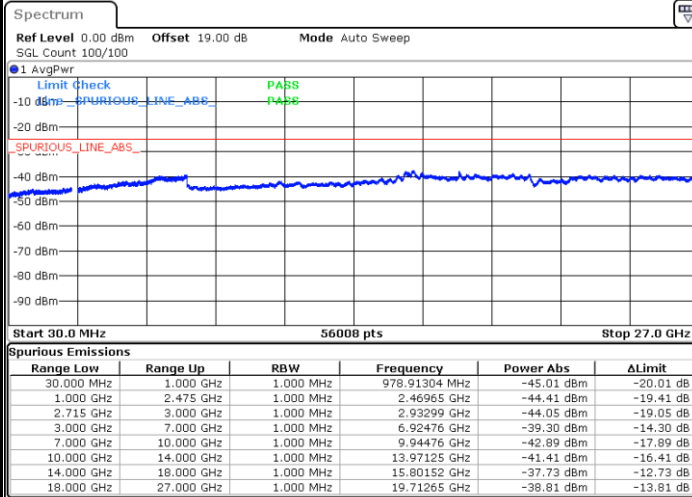


Date: 11.OCT.2024 12:56:59



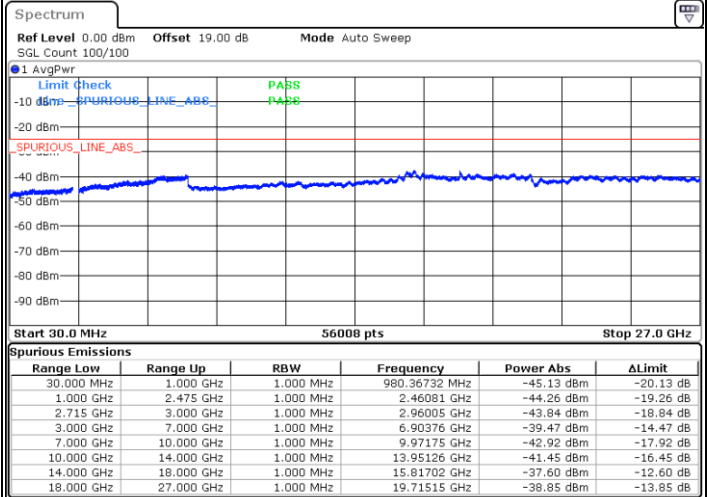
LTE Band 41 / 15MHz

Lowest Channel / QPSK



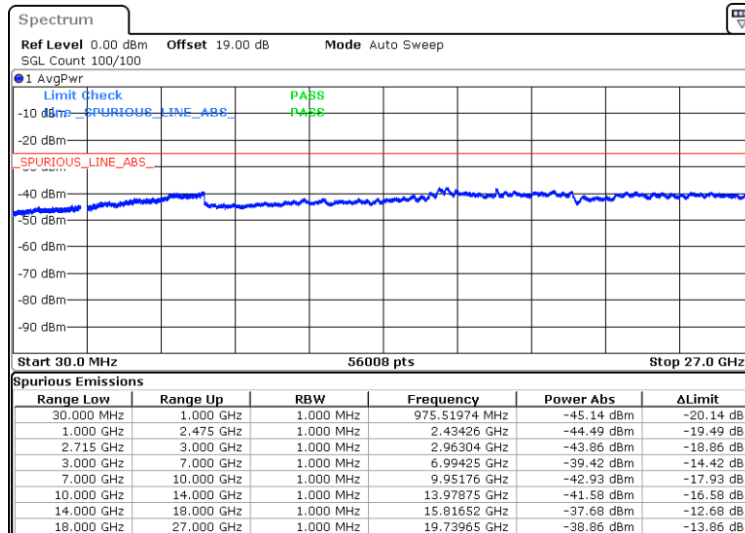
Date: 11.OCT.2024 13:03:51

Middle Channel / QPSK



Date: 11.OCT.2024 13:05:01

Highest Channel / QPSK

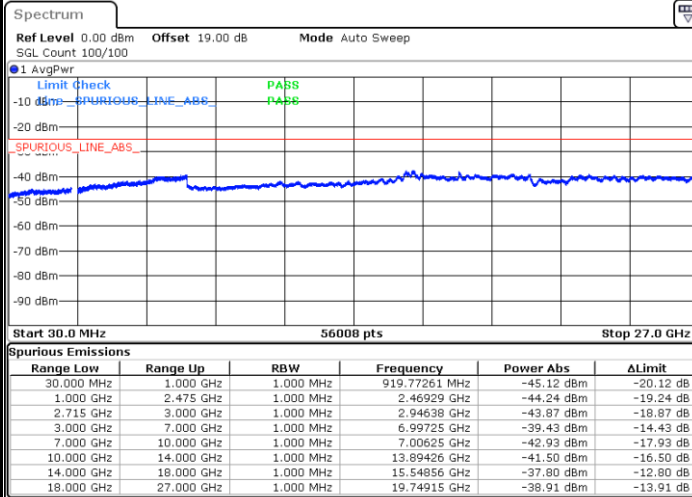


Date: 11.OCT.2024 13:12:46



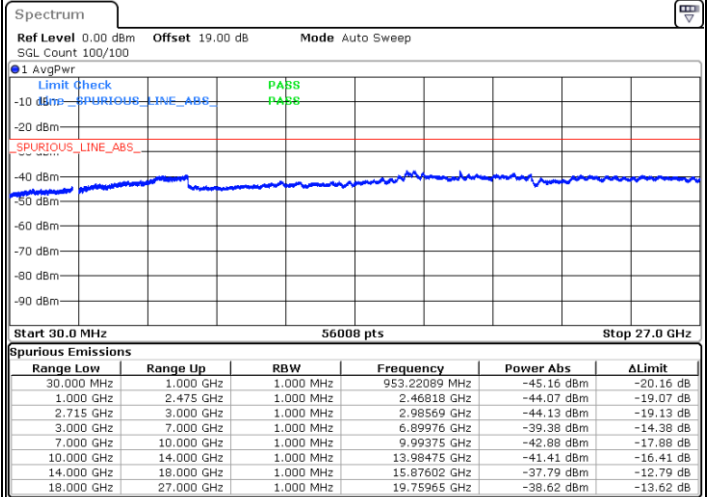
LTE Band 41 / 20MHz

Lowest Channel / QPSK



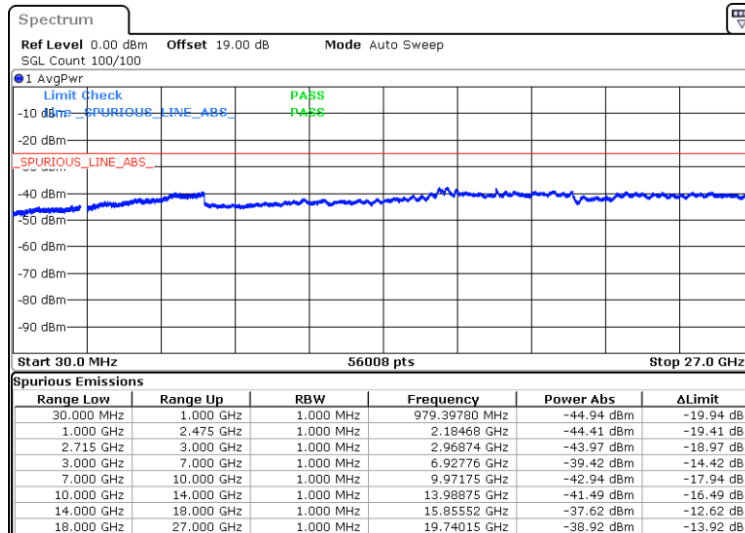
Date: 11.OCT.2024 13:20:04

Middle Channel / QPSK



Date: 11.OCT.2024 13:21:14

Highest Channel / QPSK



Date: 11.OCT.2024 13:30:22

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	0.0015	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.91 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.3 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	30.15	25.33	37.34	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.97	35.04	40.12	

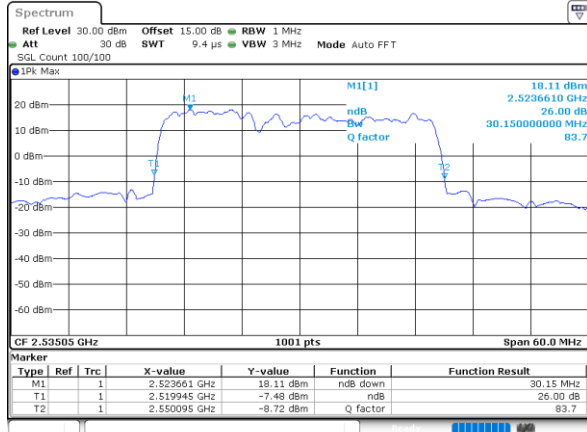
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.03	25.33	32.13	35.04
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.90	40.12	



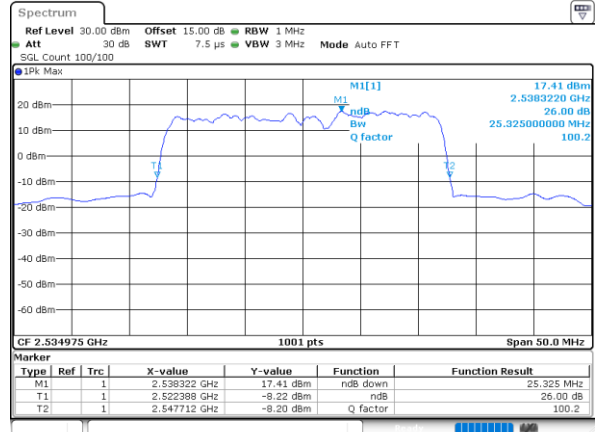
LTE Band 7C

QPSK

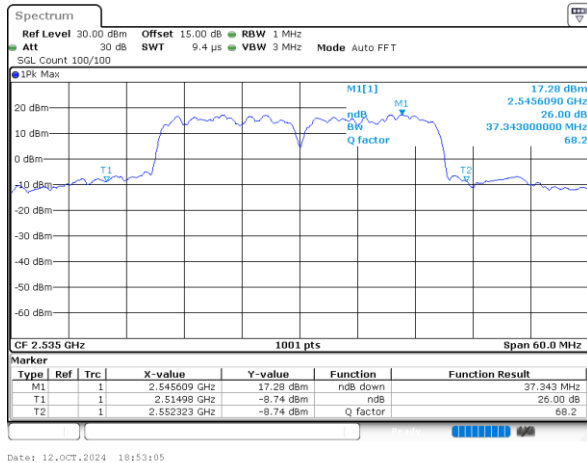
Middle Channel / 10MHz+20MHz



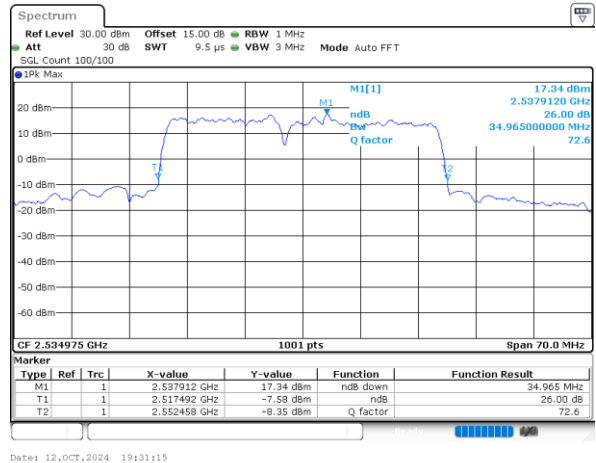
Middle Channel / 15MHz+10MHz



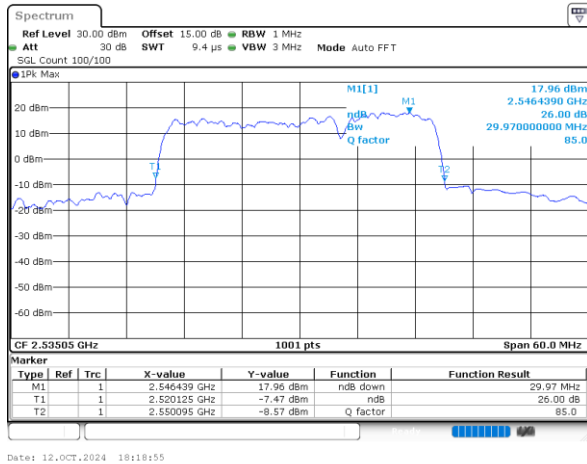
Middle Channel / 15MHz+15MHz



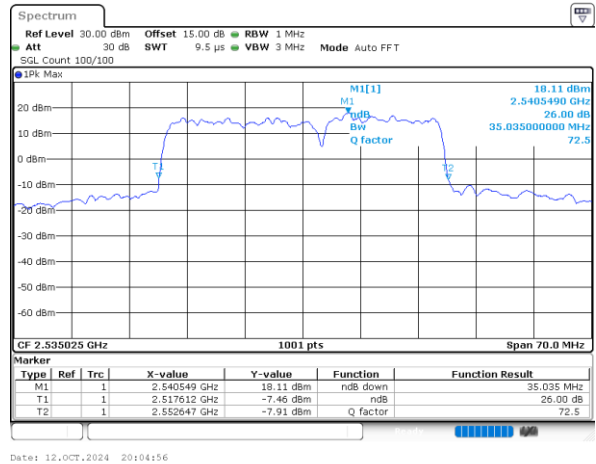
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



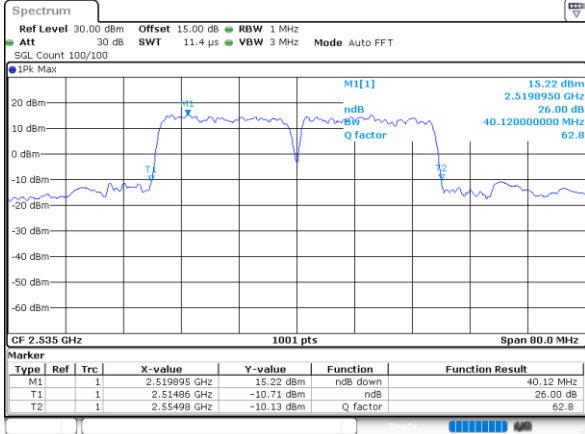


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



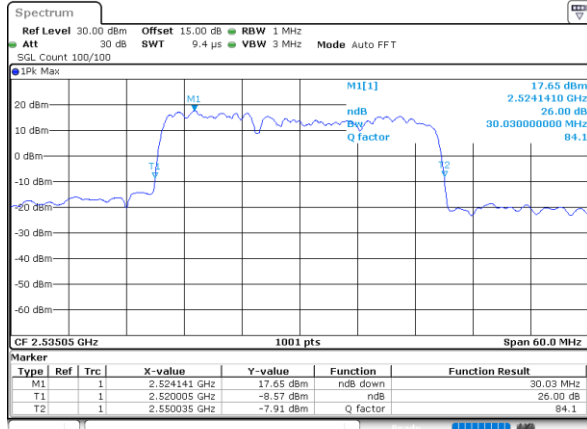
Date: 13, OCT, 2024 10:43:38



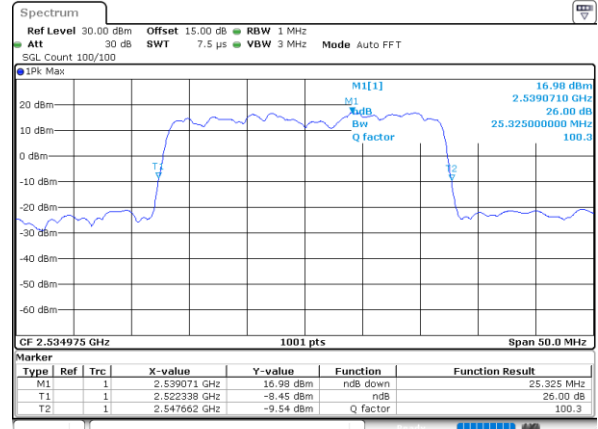
LTE Band 7C

16QAM

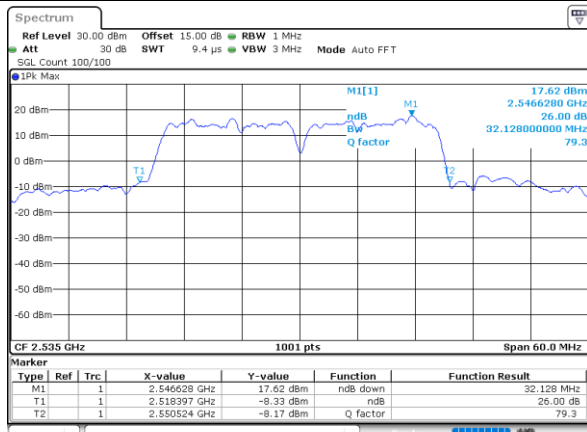
Middle Channel / 10MHz+20MHz



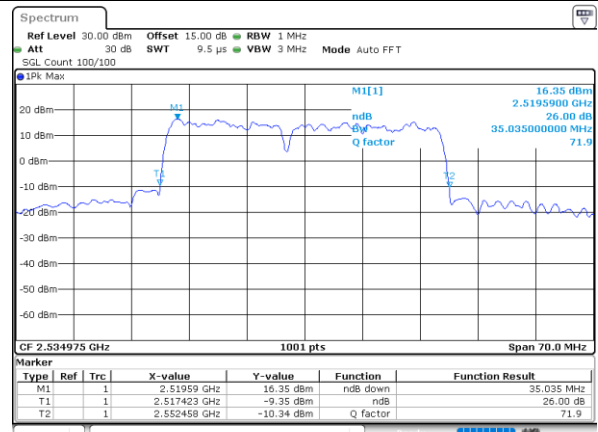
Middle Channel / 15MHz+10MHz



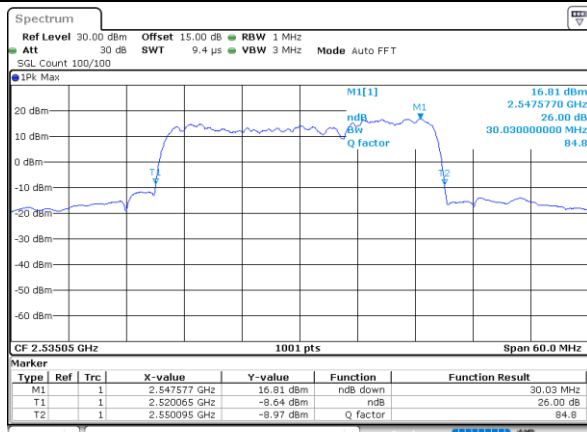
Middle Channel / 15MHz+15MHz



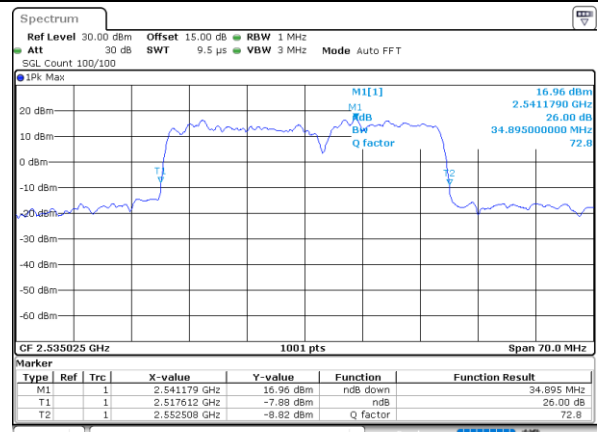
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



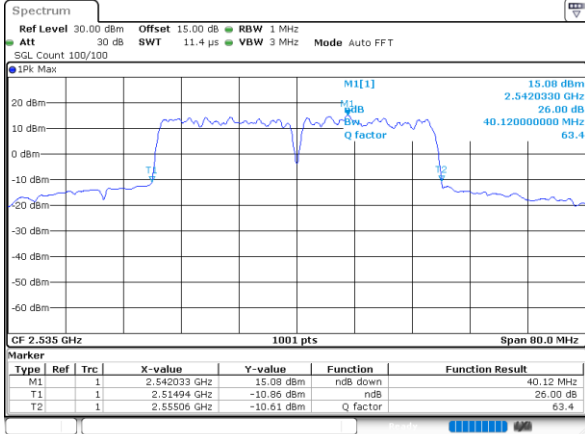


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 13, OCT, 2024 10:44:06

**Occupied Bandwidth**

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.05	23.48	29.13	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	33.08	37.80	

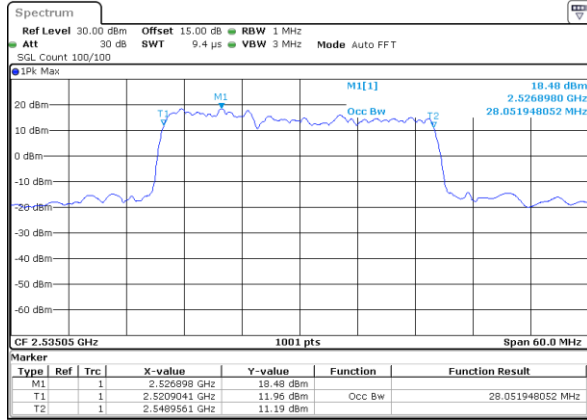
Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.05	23.63	28.83	33.01
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	33.22	37.80	



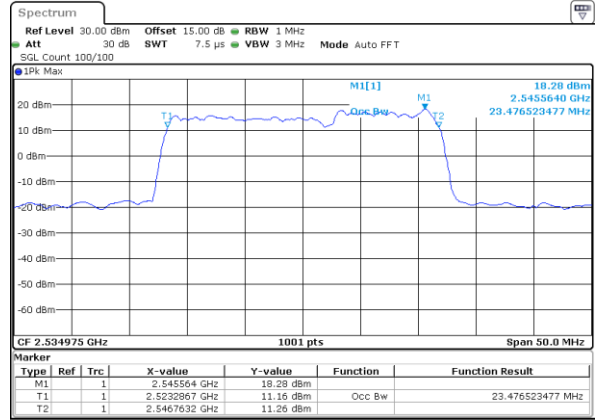
LTE Band 7C

QPSK

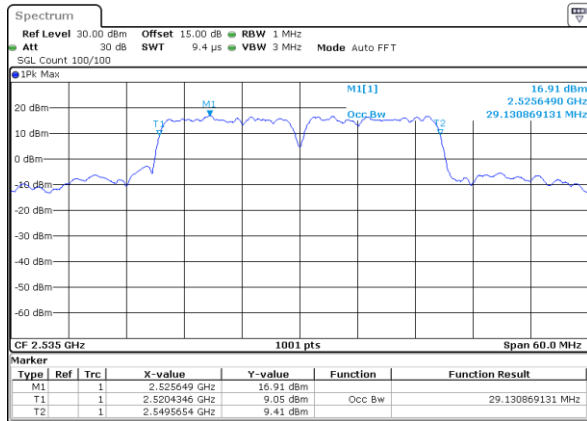
Middle Channel / 10MHz+20MHz



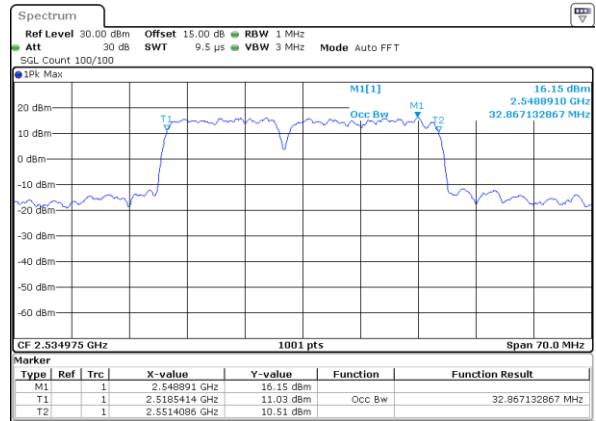
Middle Channel / 15MHz+10MHz



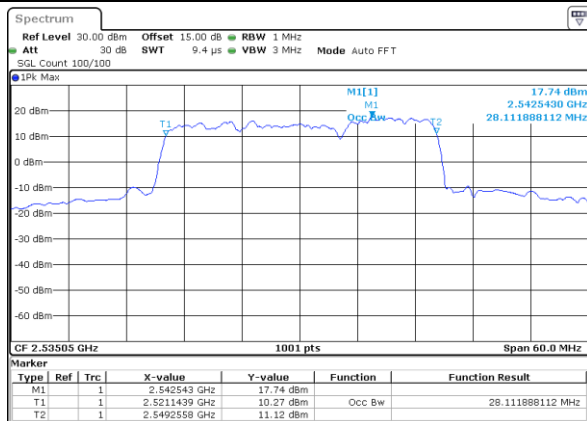
Middle Channel / 15MHz+15MHz



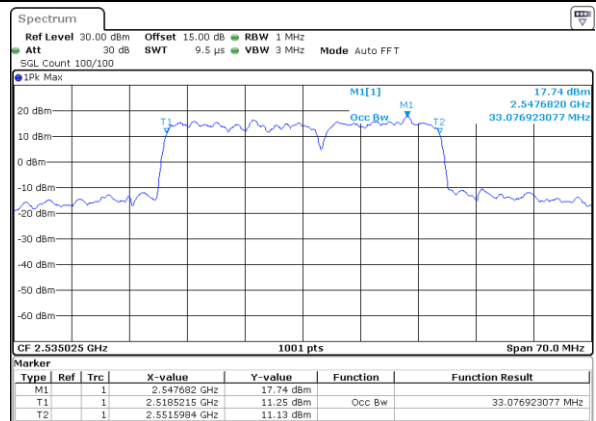
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



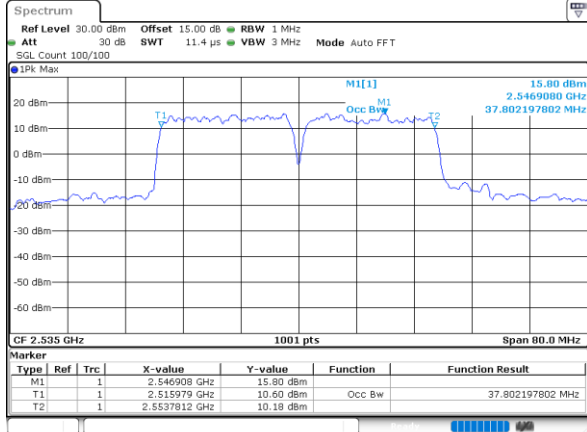


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



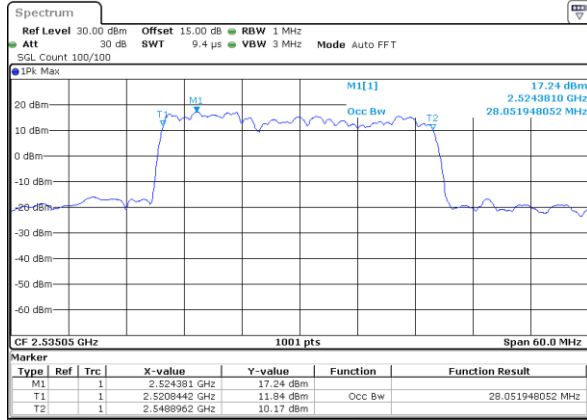
Date: 13.OCT.2024 10:43:10



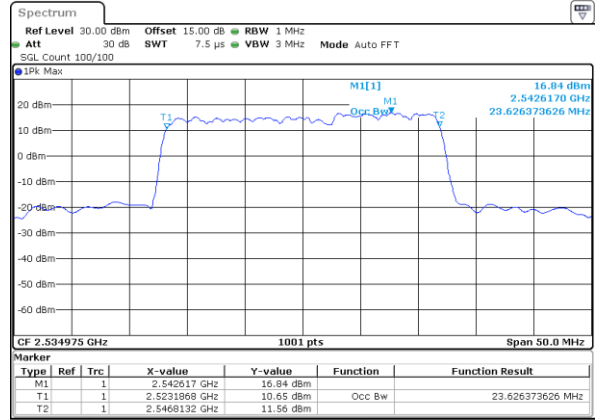
LTE Band 7C

16QAM

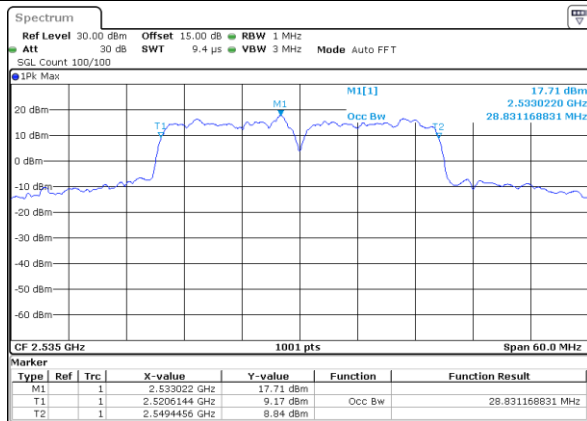
Middle Channel / 10MHz+20MHz



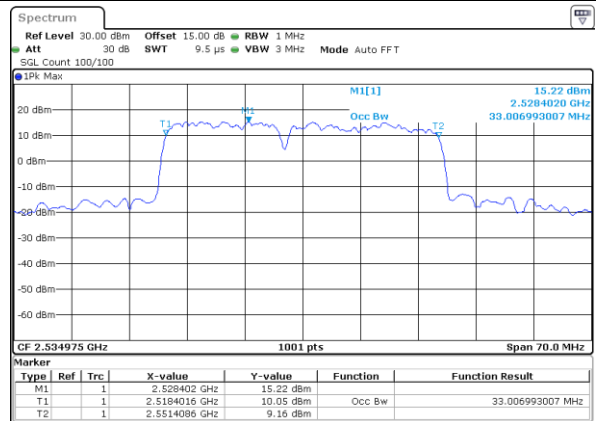
Middle Channel / 15MHz+10MHz



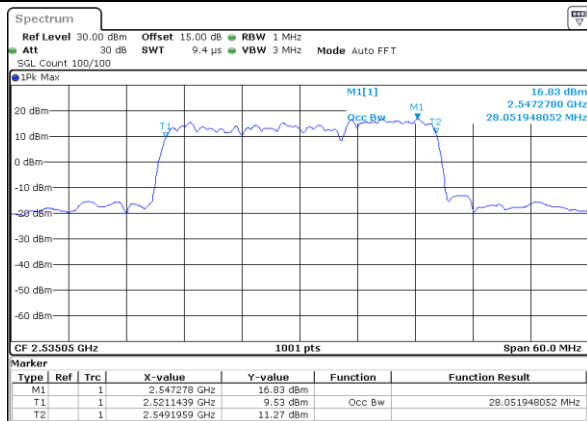
Middle Channel / 15MHz+15MHz



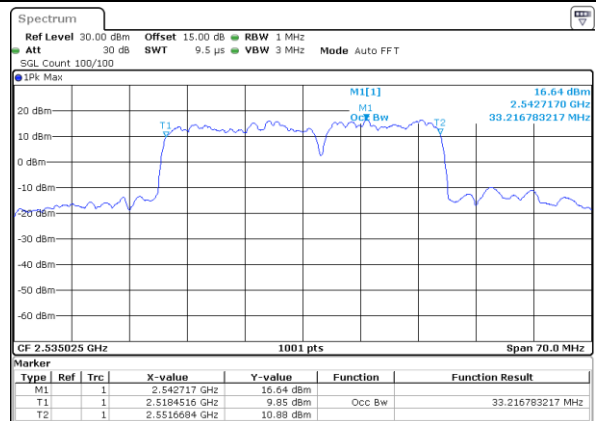
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



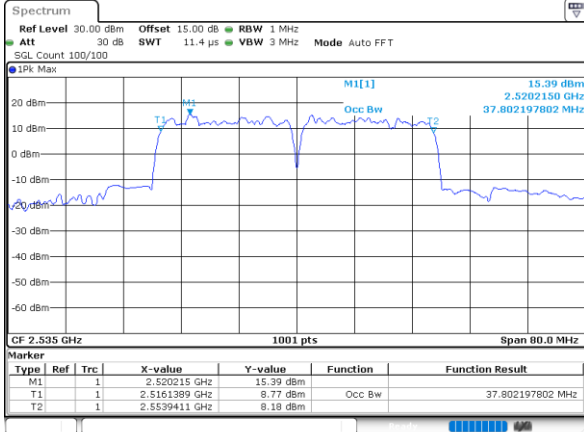


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 13.OCT.2024 10:44:34

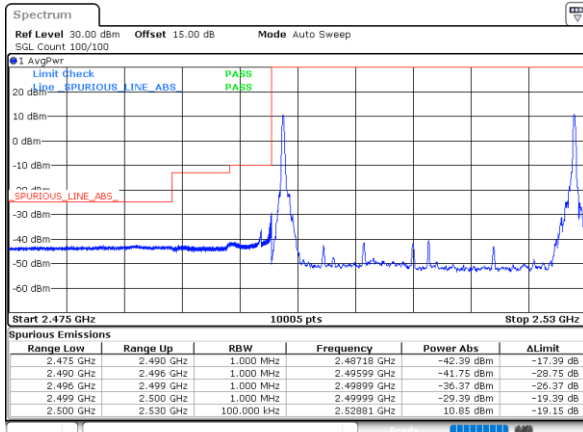


Conducted Band Edge

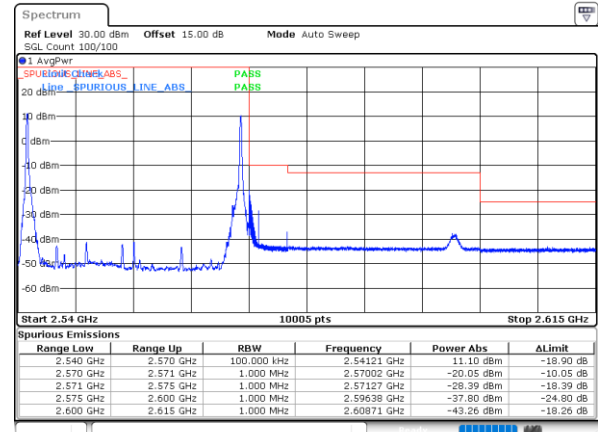
LTE Band 7C / 10MHz+20MHz

QPSK

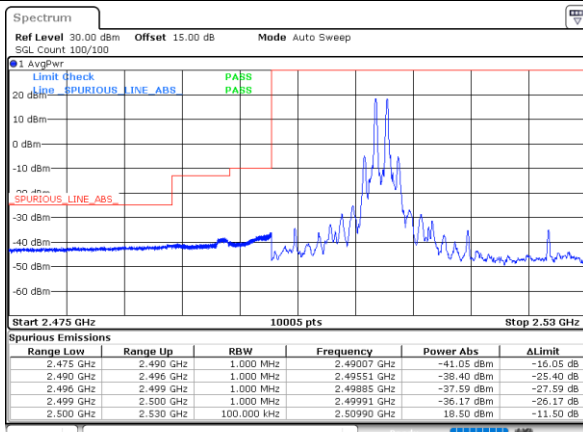
Lowest Band Edge / 1RB0 and 1RB99



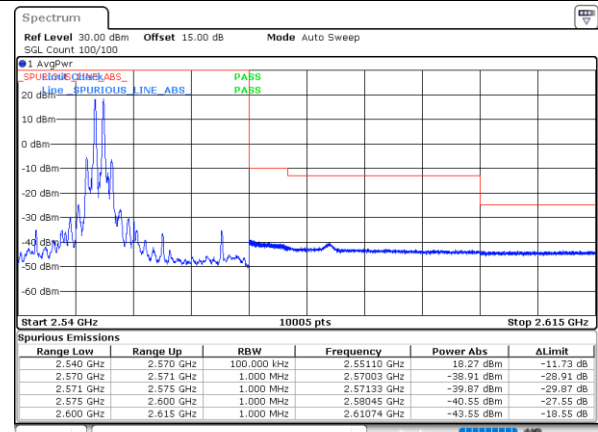
Highest Band Edge / 1RB0 and 1RB99



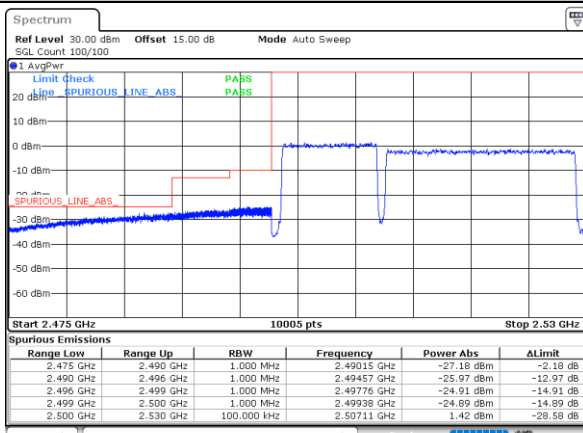
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

