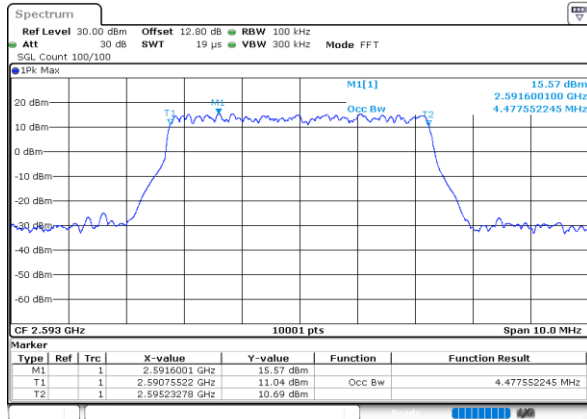


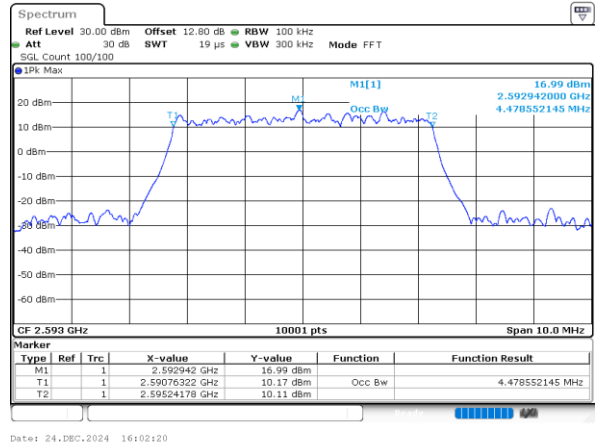


LTE Band 41

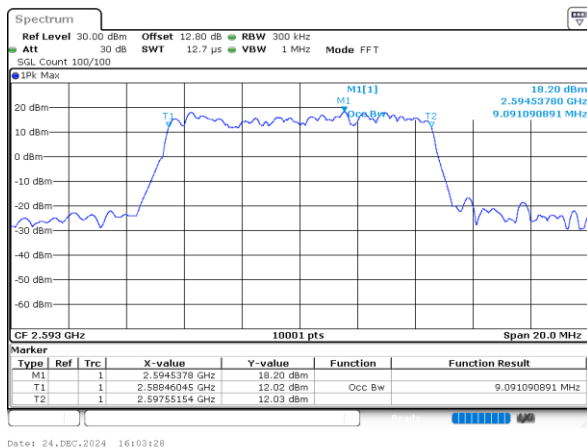
Middle Channel / 5MHz / QPSK



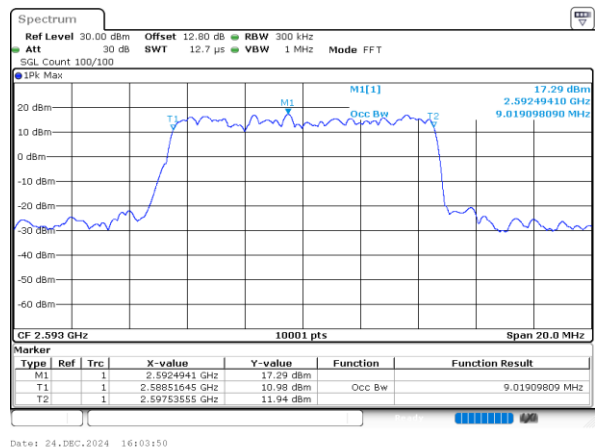
Middle Channel / 5MHz / 16QAM



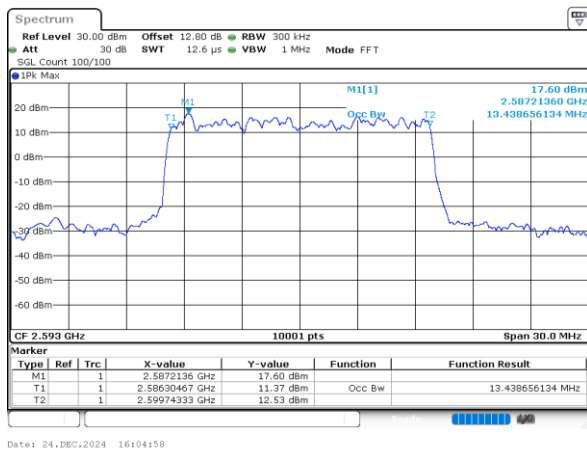
Middle Channel / 10MHz / QPSK



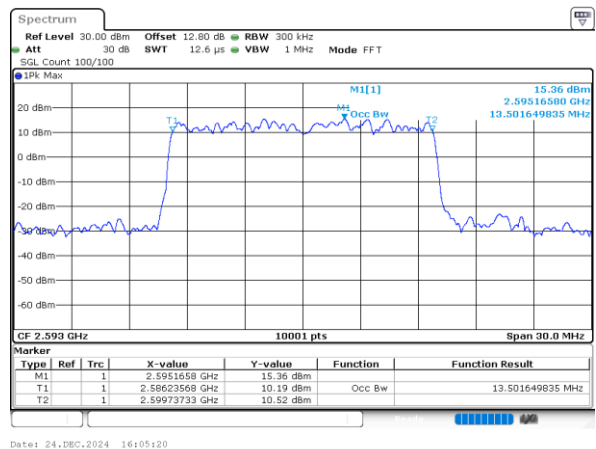
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



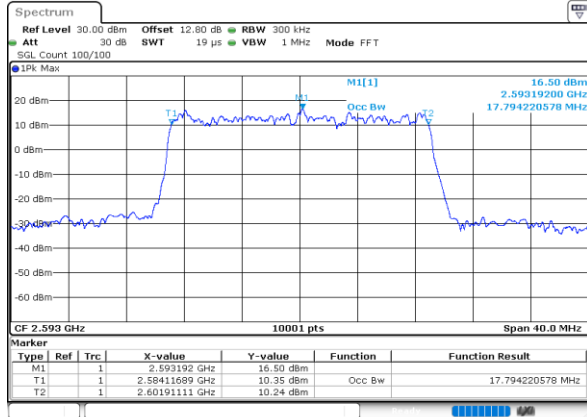
Middle Channel / 15MHz / 16QAM



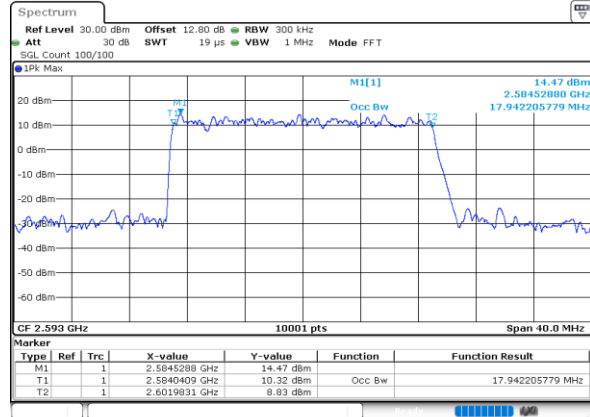


LTE Band 41

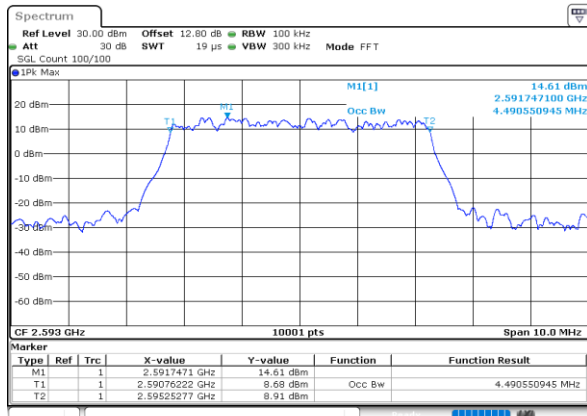
Middle Channel / 20MHz / QPSK



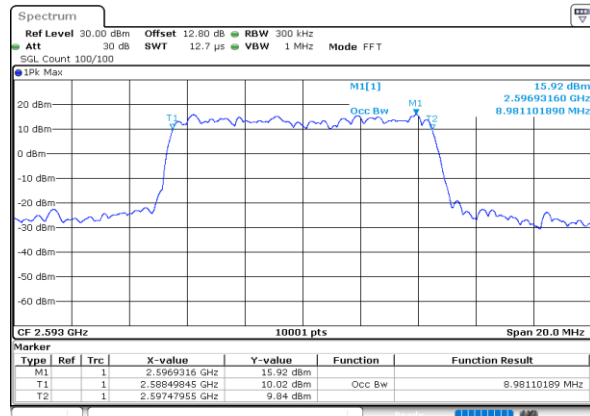
Middle Channel / 20MHz / 16QAM



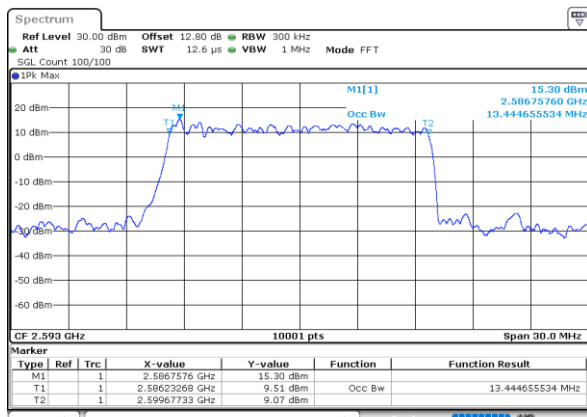
Middle Channel / 5MHz / 64QAM



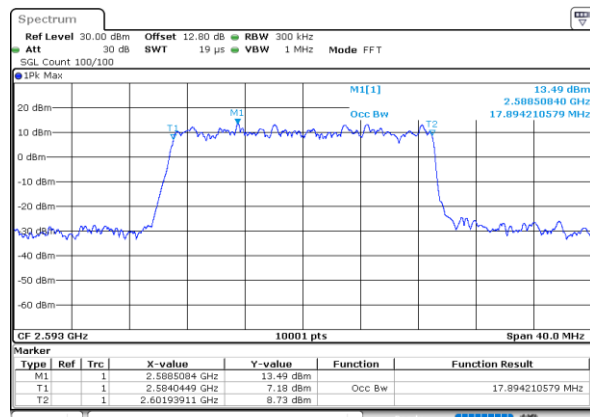
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



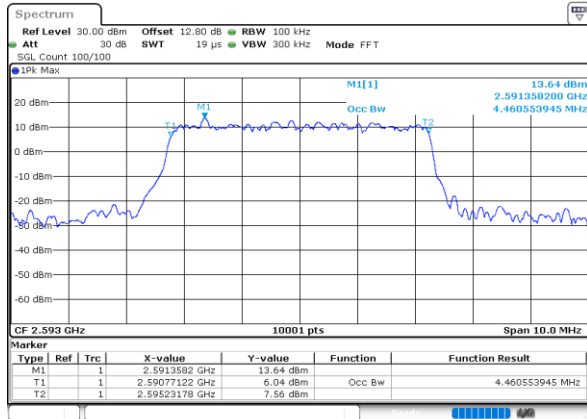
Middle Channel / 20MHz / 64QAM



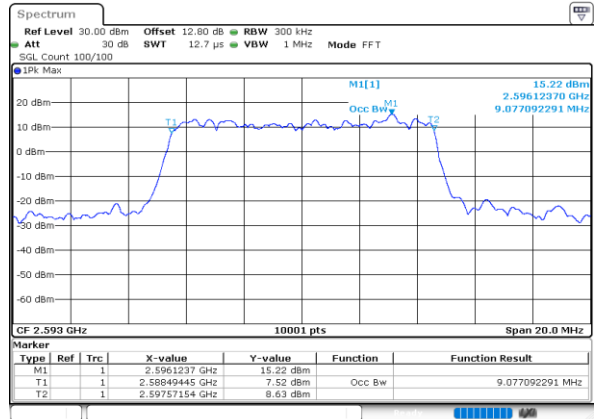


LTE Band 41

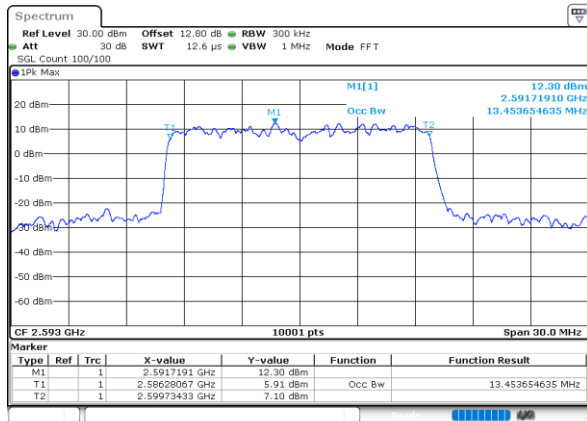
Middle Channel / 5MHz / 256QAM



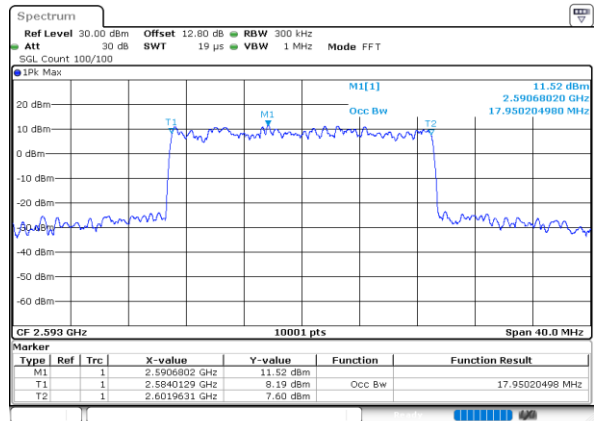
Middle Channel / 10MHz / 256QAM

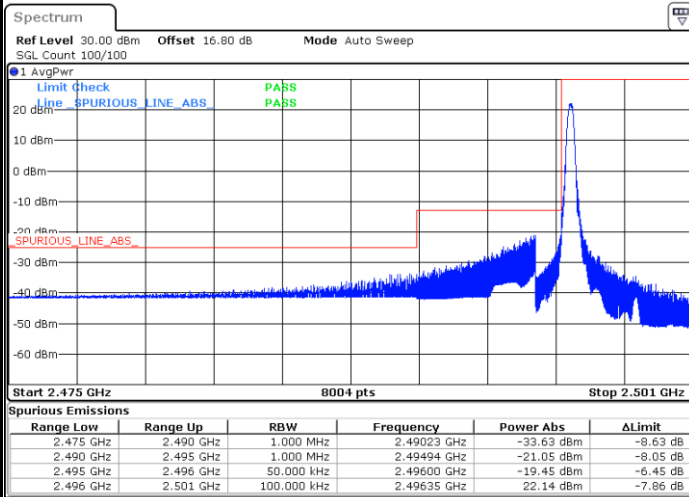


Middle Channel / 15MHz / 256QAM

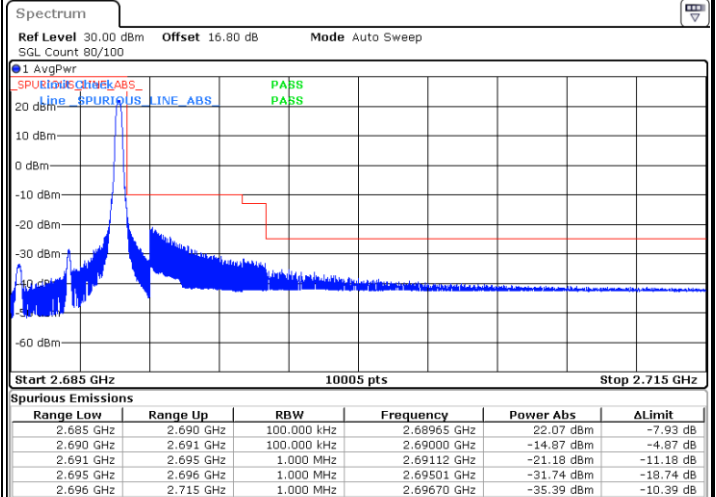


Middle Channel / 20MHz / 256QAM

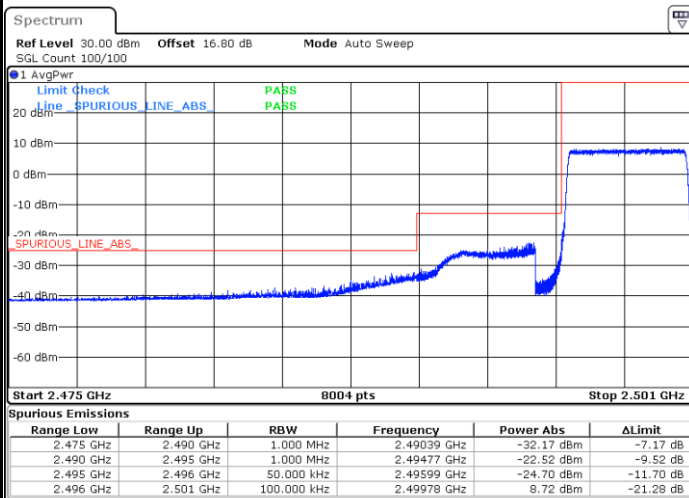


**Conducted Band Edge****LTE Band 41 / 5MHz / QPSK****Lowest Band Edge / 1 RB**

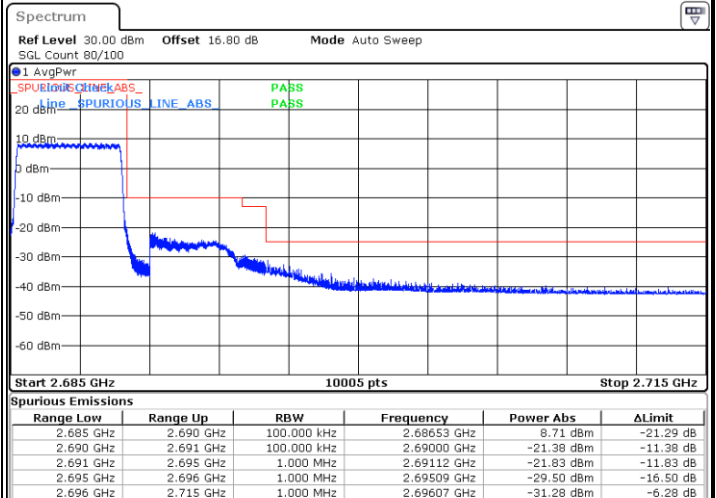
Date: 24.DEC.2024 15:12:16

Highest Band Edge / 1 RB

Date: 24.DEC.2024 15:29:24

Lowest Band Edge / Full RB

Date: 24.DEC.2024 15:22:17

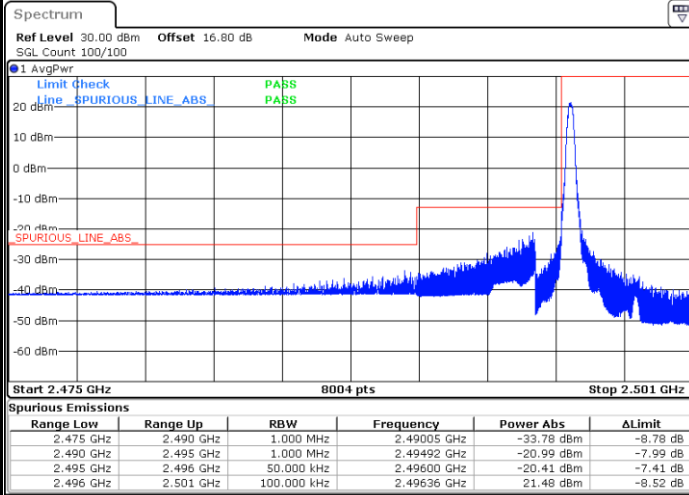
Highest Band Edge / Full RB

Date: 24.DEC.2024 15:25:51



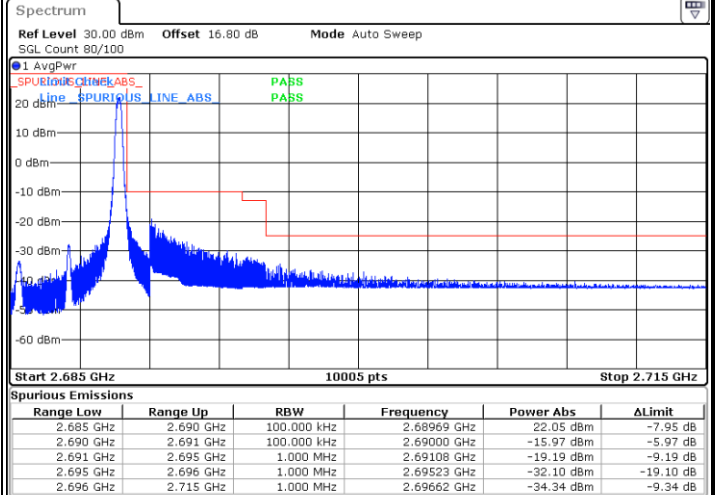
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



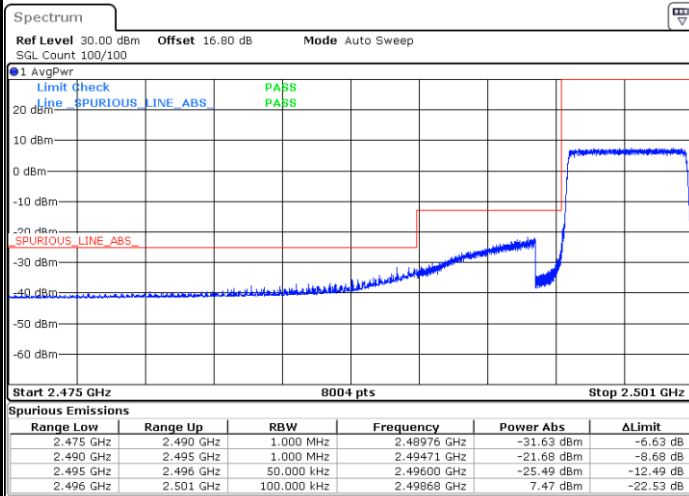
Date: 24.DEC.2024 15:13:09

Highest Band Edge / 1 RB



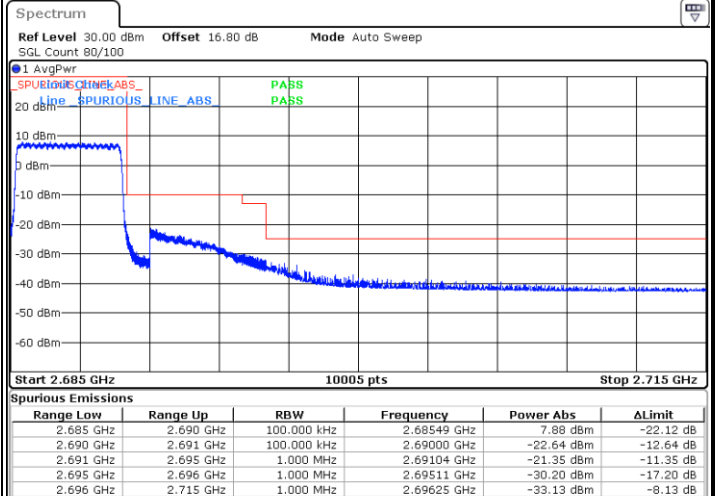
Date: 24.DEC.2024 15:30:17

Lowest Band Edge / Full RB



Date: 24.DEC.2024 15:23:10

Highest Band Edge / Full RB

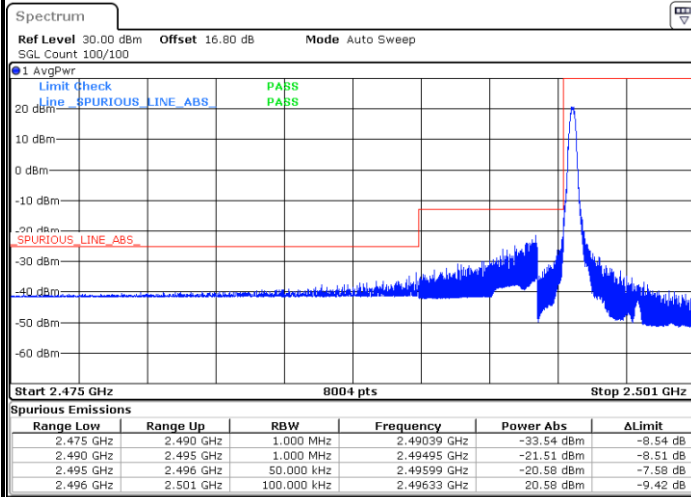


Date: 24.DEC.2024 15:26:44



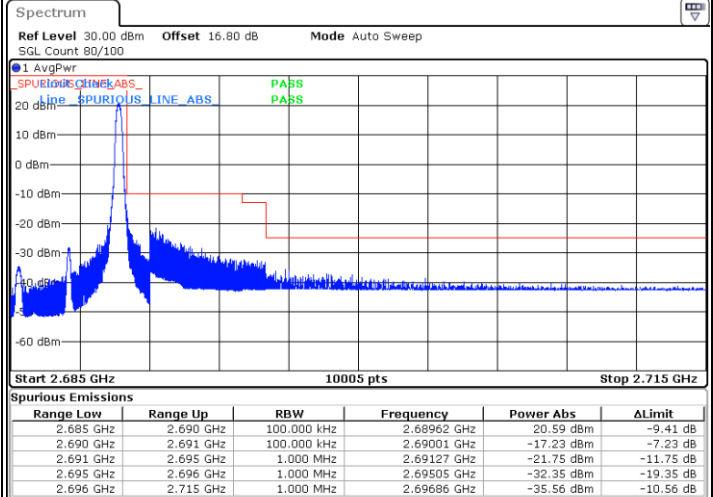
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



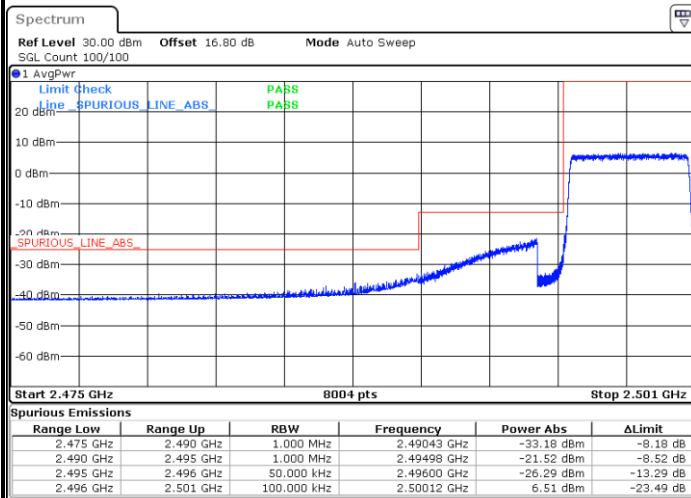
Date: 24.DEC.2024 15:14:01

Highest Band Edge / 1 RB



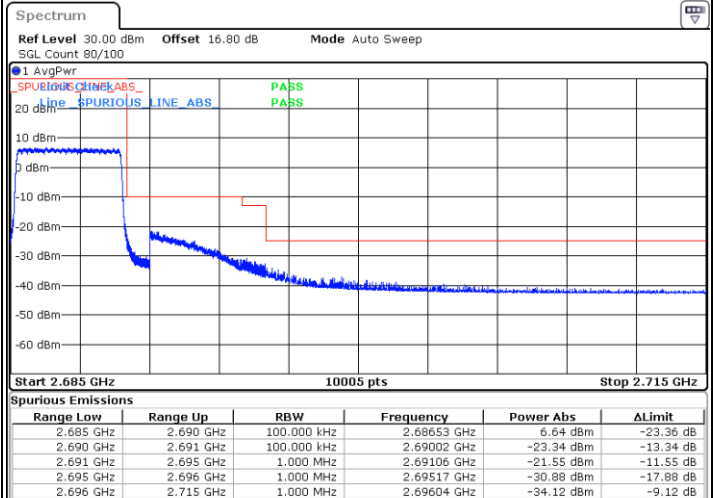
Date: 24.DEC.2024 15:31:09

Lowest Band Edge / Full RB



Date: 24.DEC.2024 15:24:03

Highest Band Edge / Full RB

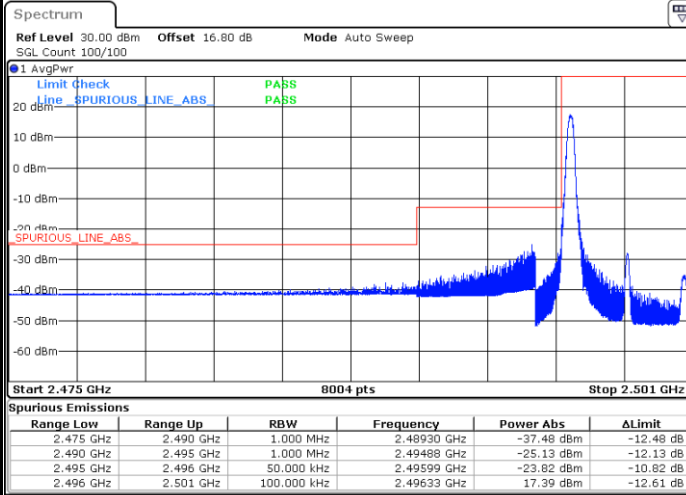


Date: 24.DEC.2024 15:27:36



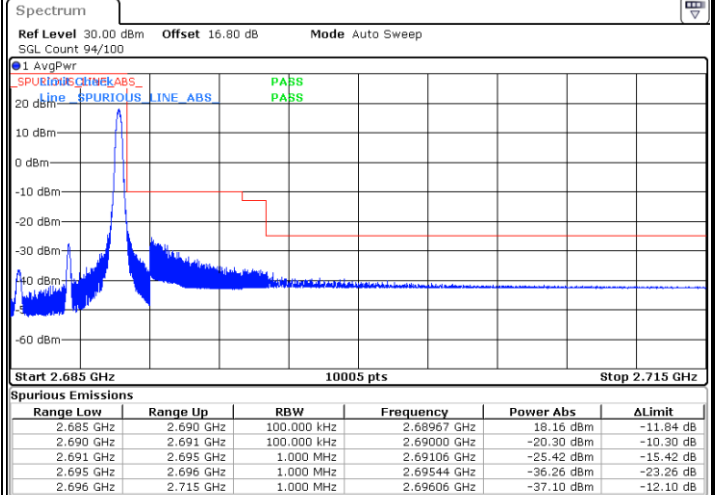
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



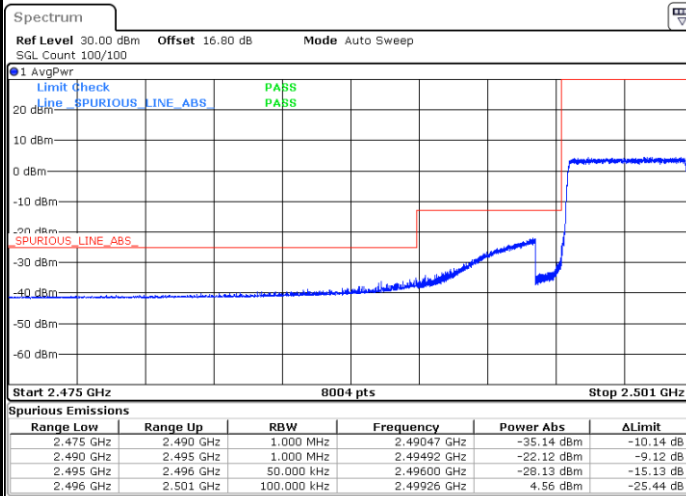
Date: 24.DEC.2024 15:14:54

Highest Band Edge / 1 RB



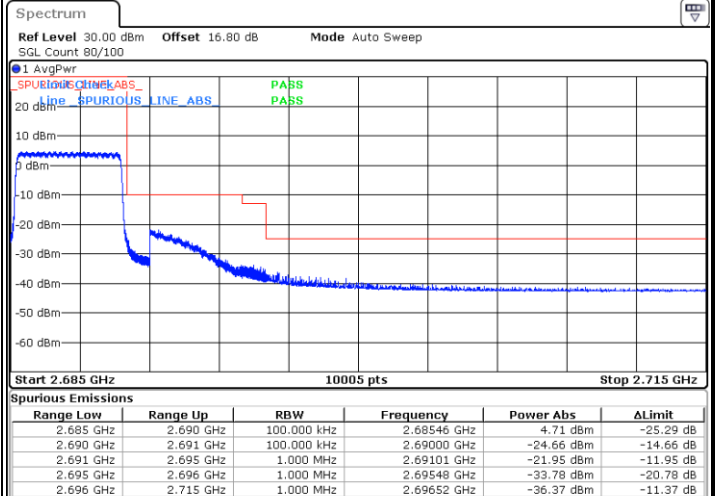
Date: 24.DEC.2024 16:31:48

Lowest Band Edge / Full RB



Date: 24.DEC.2024 15:24:55

Highest Band Edge / Full RB

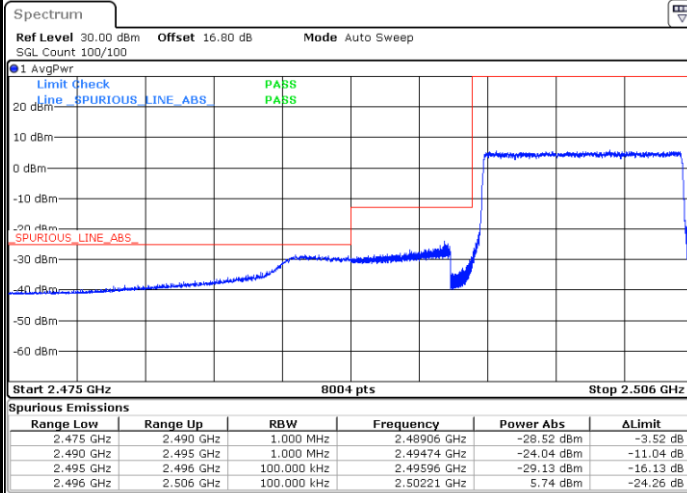


Date: 24.DEC.2024 15:28:29

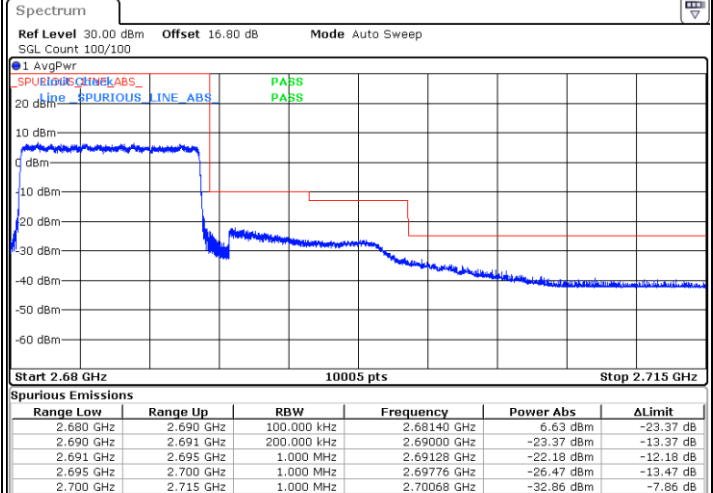


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB

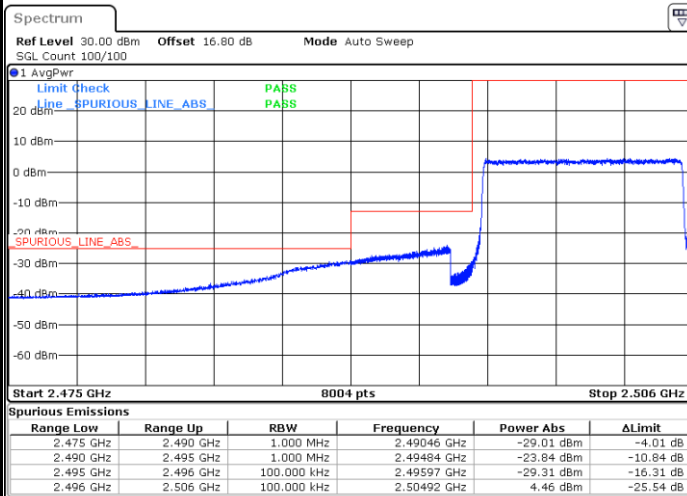


Highest Band Edge / Full RB

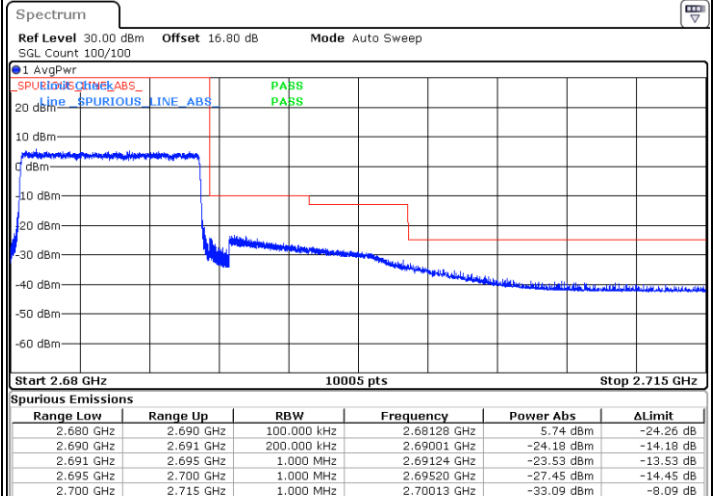


LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / Full RB



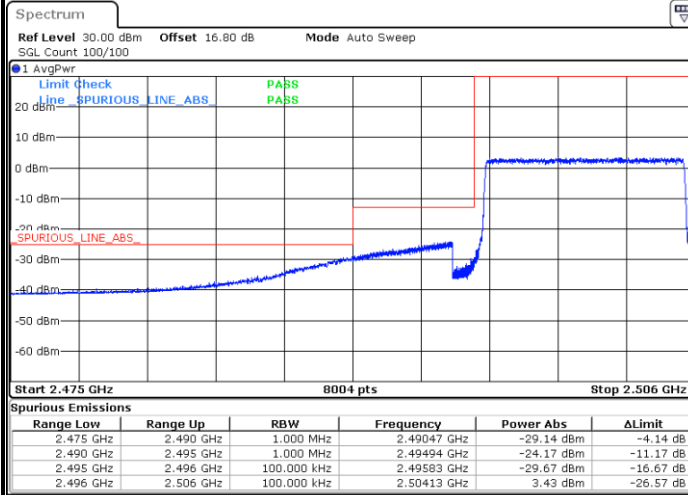
Highest Band Edge / Full RB





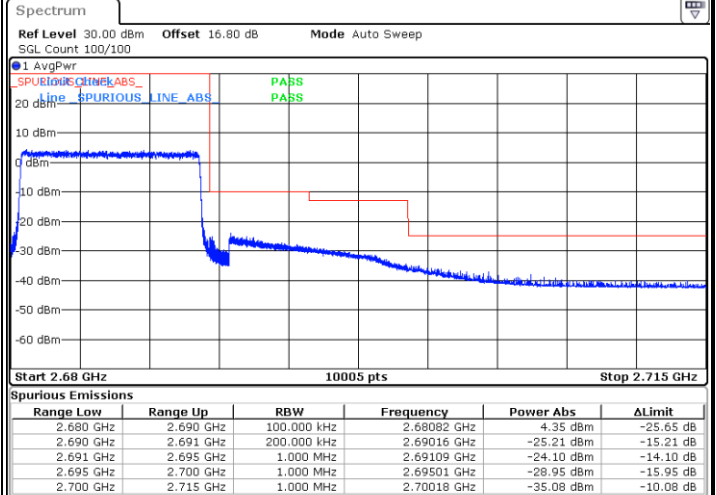
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 24.DEC.2024 15:38:08

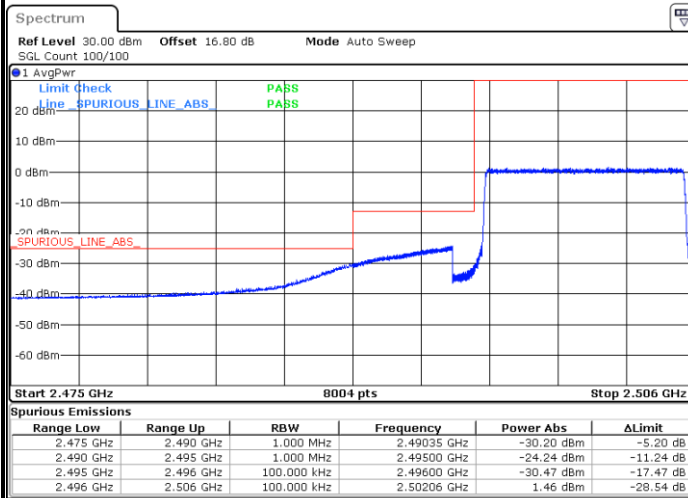
Highest Band Edge / Full RB



Date: 24.DEC.2024 15:41:41

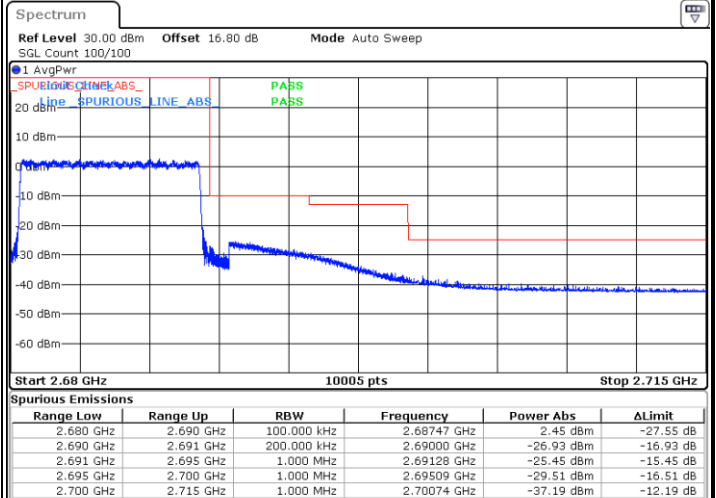
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 24.DEC.2024 15:39:01

Highest Band Edge / Full RB

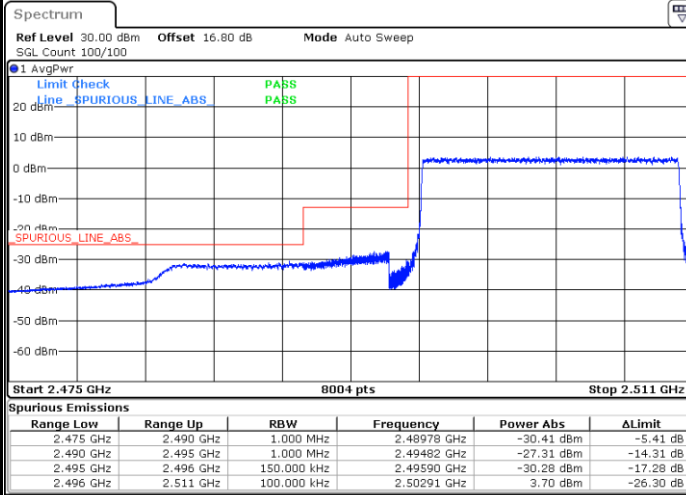


Date: 24.DEC.2024 15:42:34

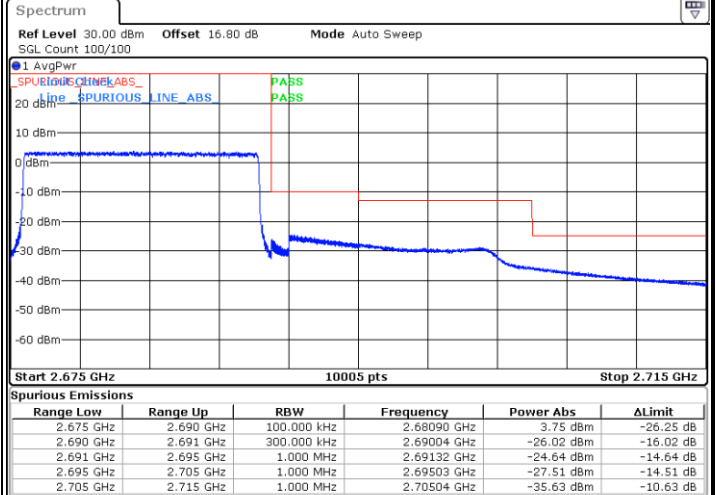


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB

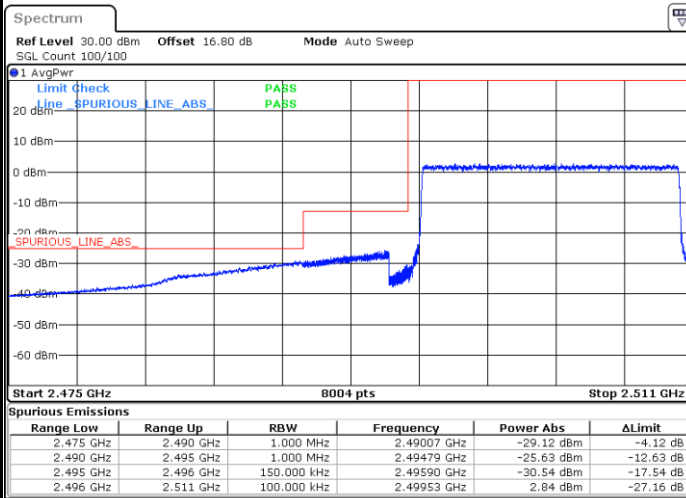


Highest Band Edge / Full RB

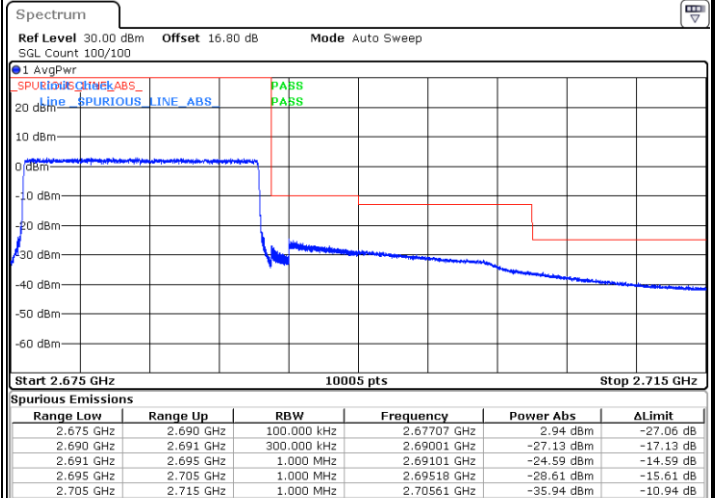


LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / Full RB



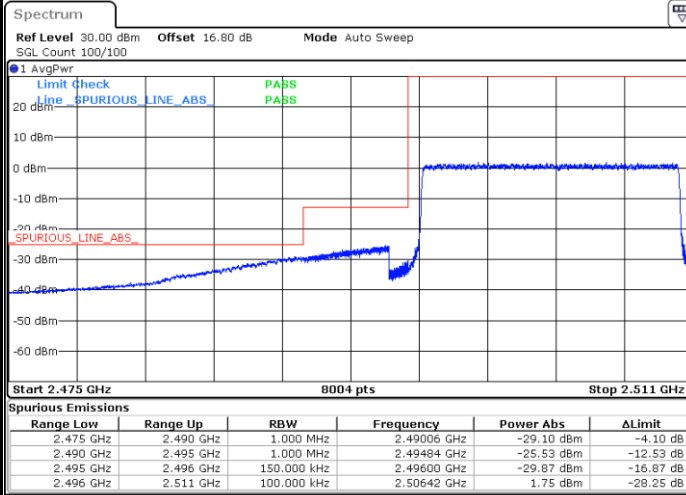
Highest Band Edge / Full RB



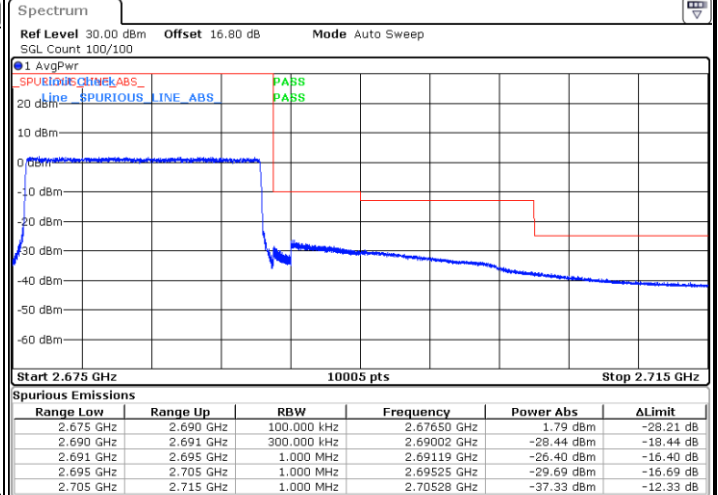


LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / Full RB

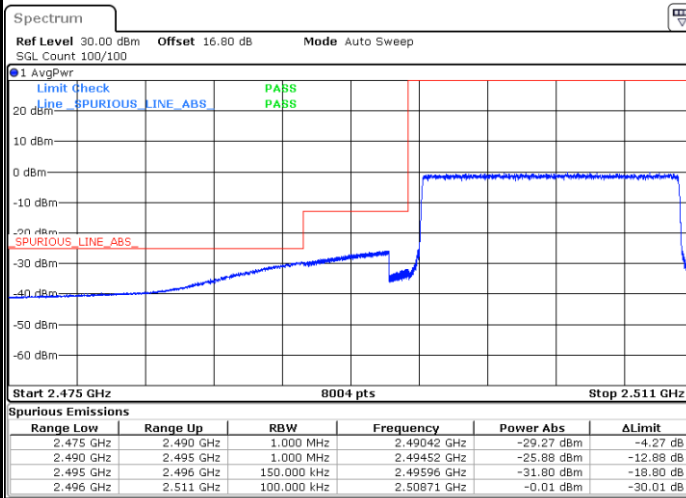


Highest Band Edge / Full RB

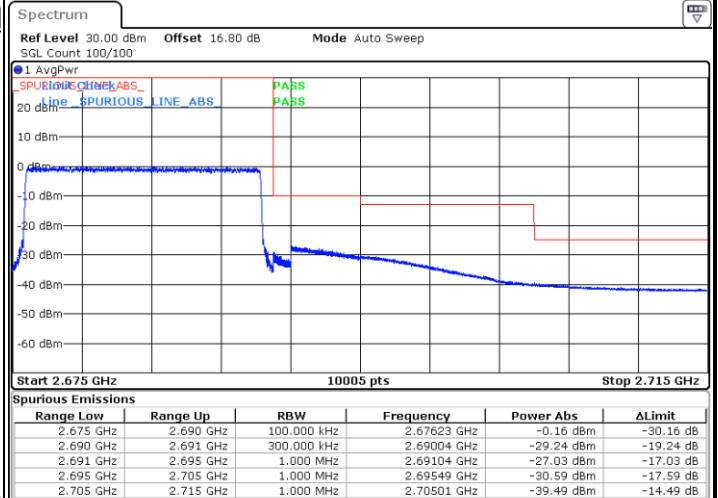


LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / Full RB



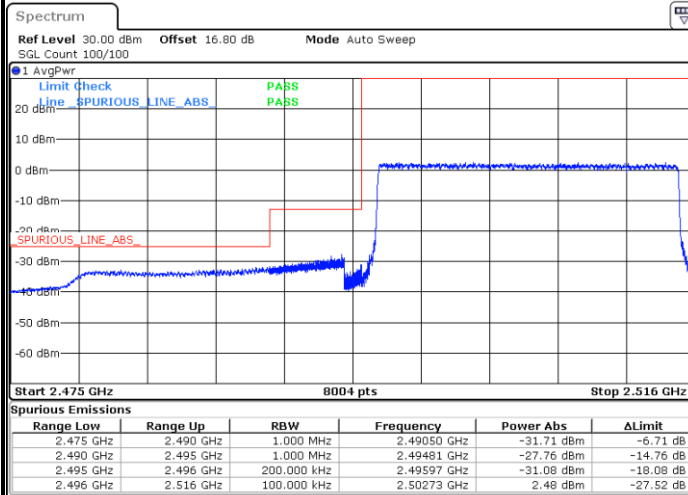
Highest Band Edge / Full RB



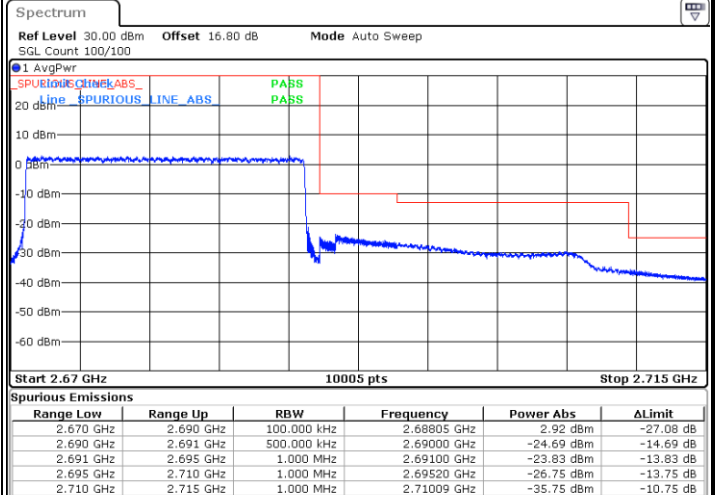


LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB

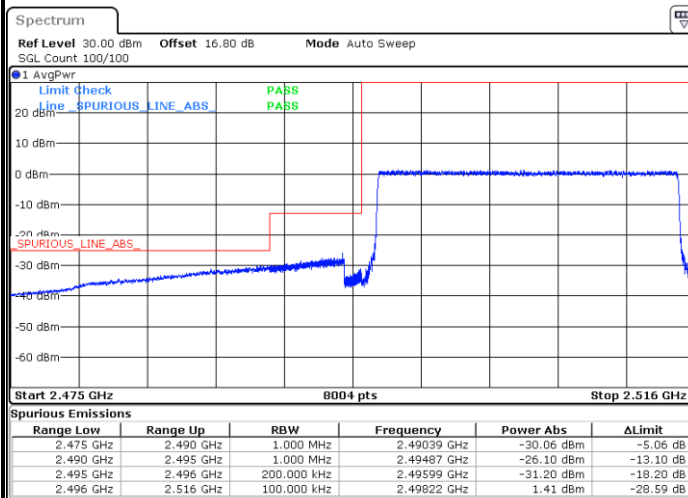


Highest Band Edge / Full RB

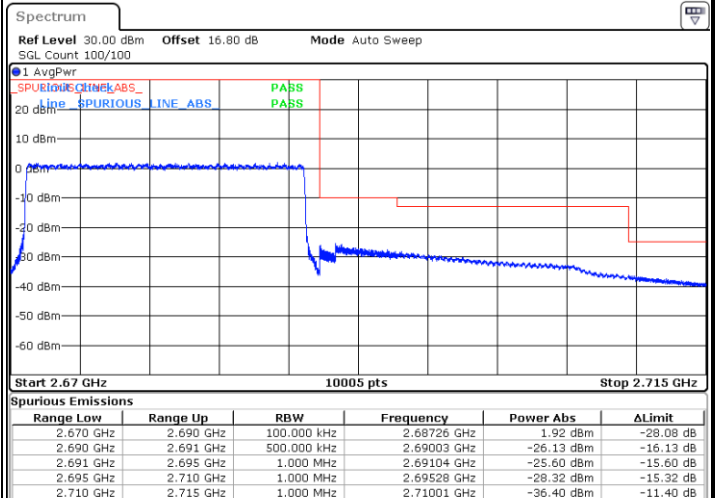


LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB



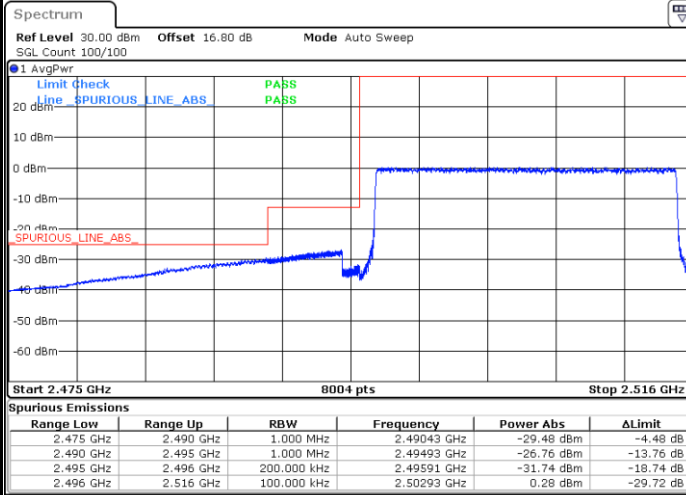
Highest Band Edge / Full RB



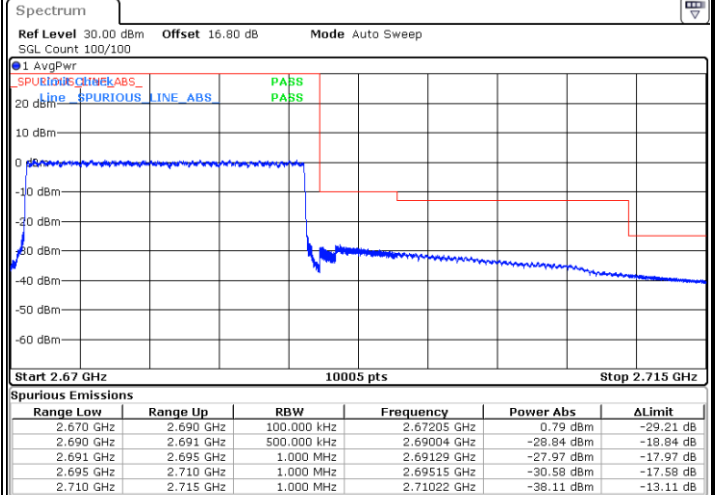


LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB

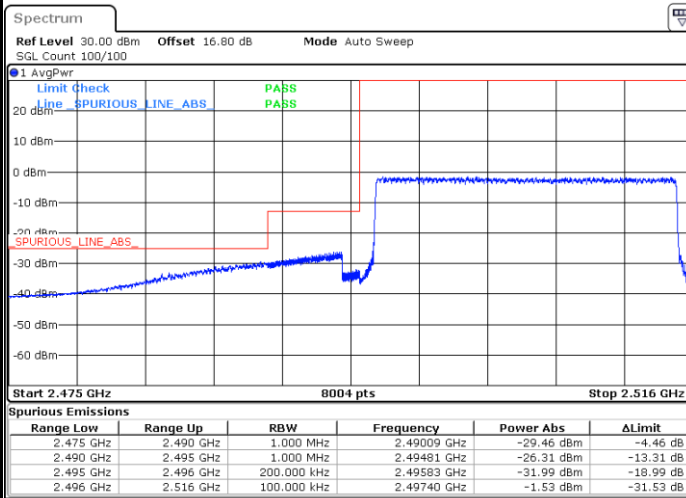


Highest Band Edge / Full RB

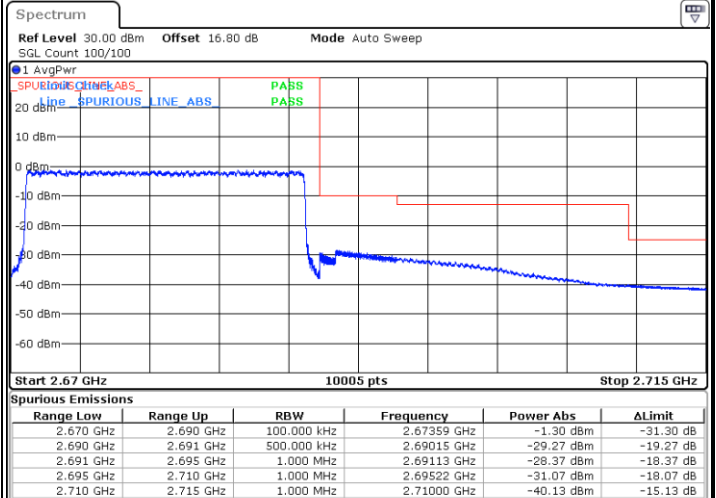


LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

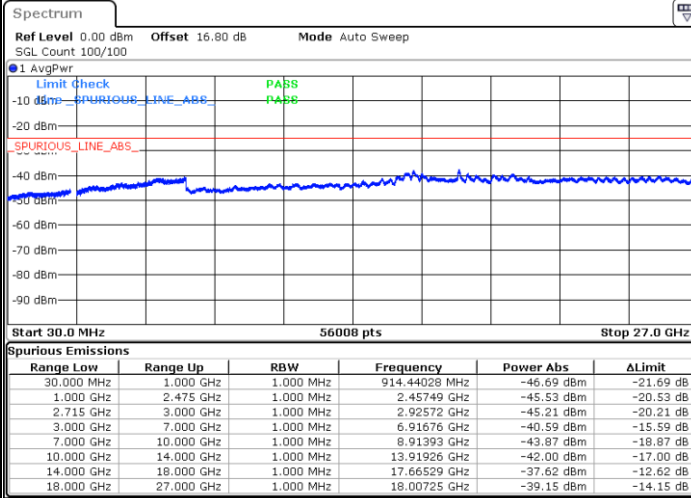




Conducted Spurious Emission

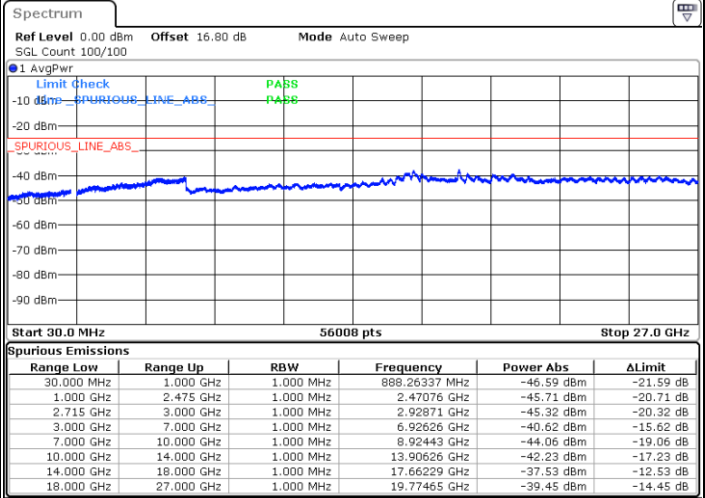
LTE Band 41 / 5MHz

Lowest Channel / QPSK



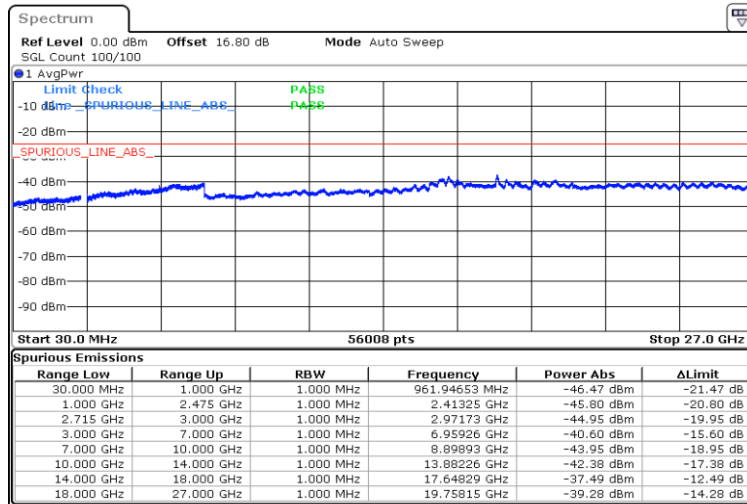
Date: 24.DEC.2024 16:16:22

Middle Channel / QPSK



Date: 24.DEC.2024 16:17:35

Highest Channel / QPSK

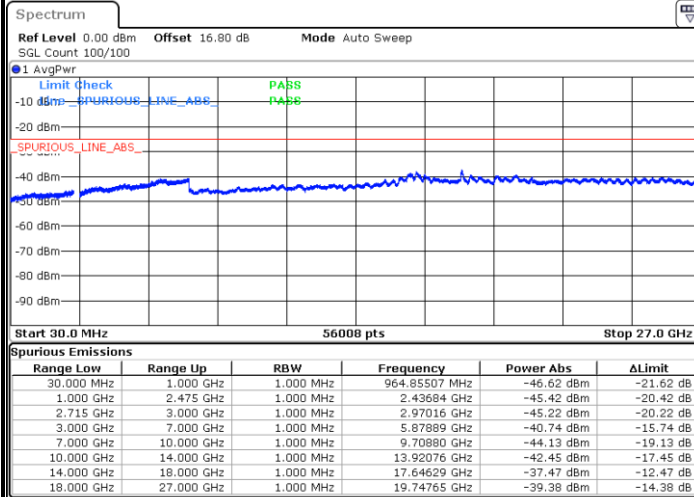


Date: 24.DEC.2024 16:18:47



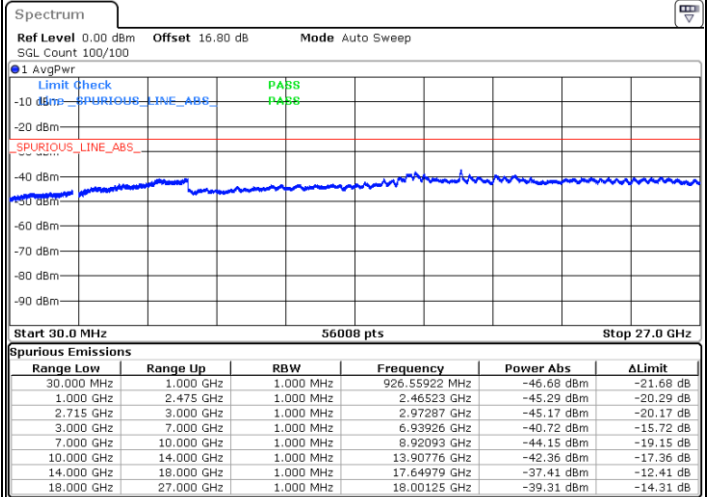
LTE Band 41 / 10MHz

Lowest Channel / QPSK



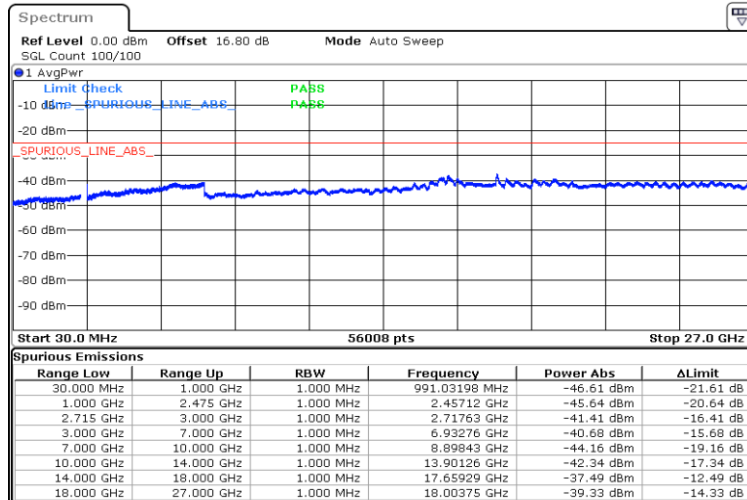
Date: 24.DEC.2024 16:20:01

Middle Channel / QPSK



Date: 24.DEC.2024 16:21:13

Highest Channel / QPSK

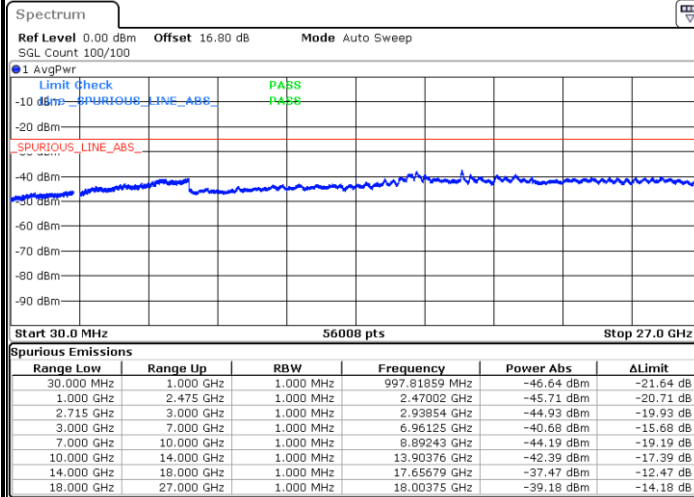


Date: 24.DEC.2024 16:22:26



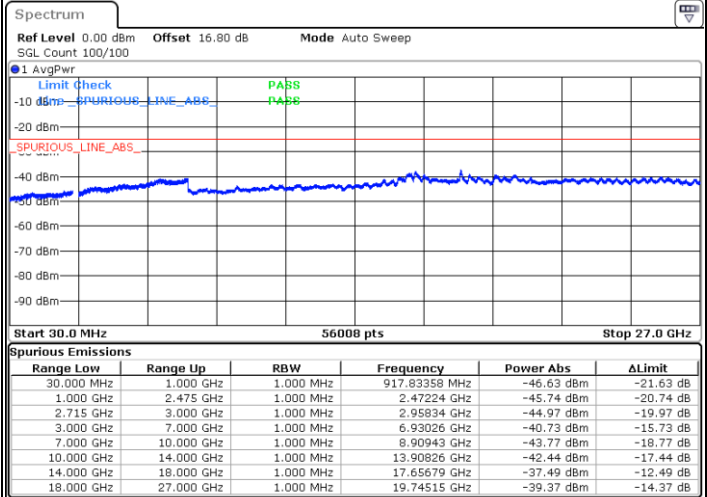
LTE Band 41 / 15MHz

Lowest Channel / QPSK



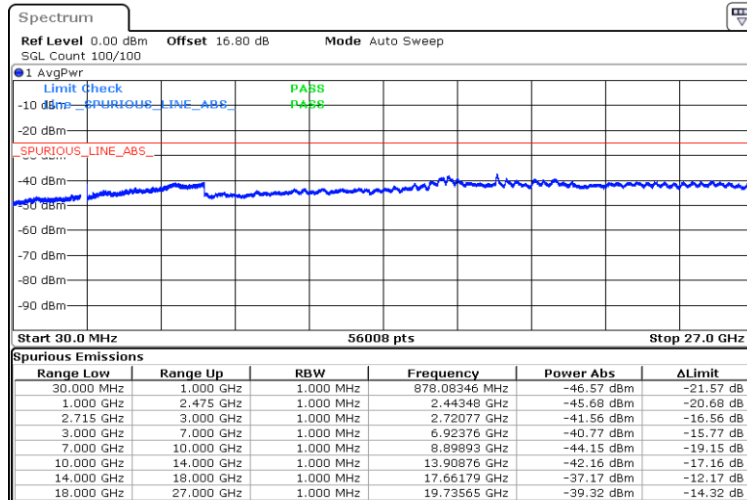
Date: 24.DEC.2024 16:23:39

Middle Channel / QPSK



Date: 24.DEC.2024 16:24:52

Highest Channel / QPSK



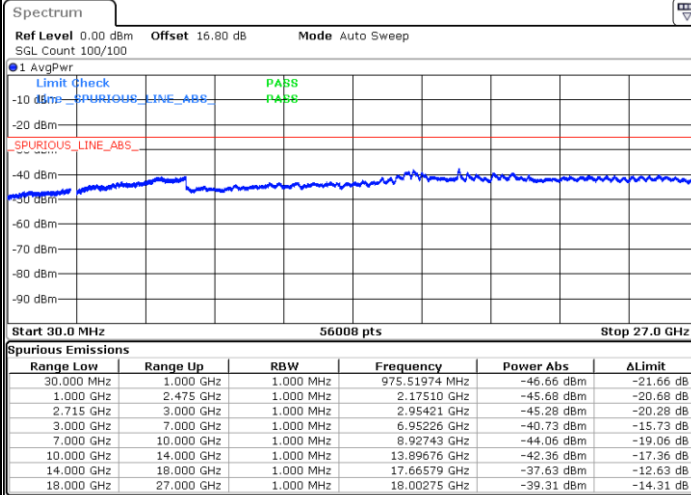
Date: 24.DEC.2024 16:26:04



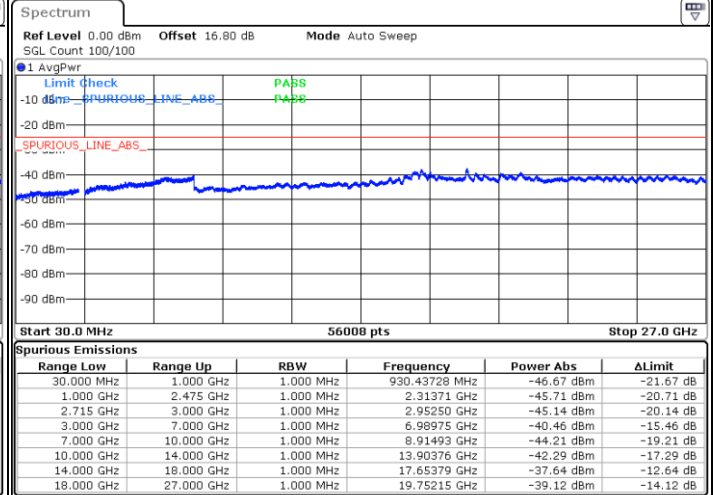
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

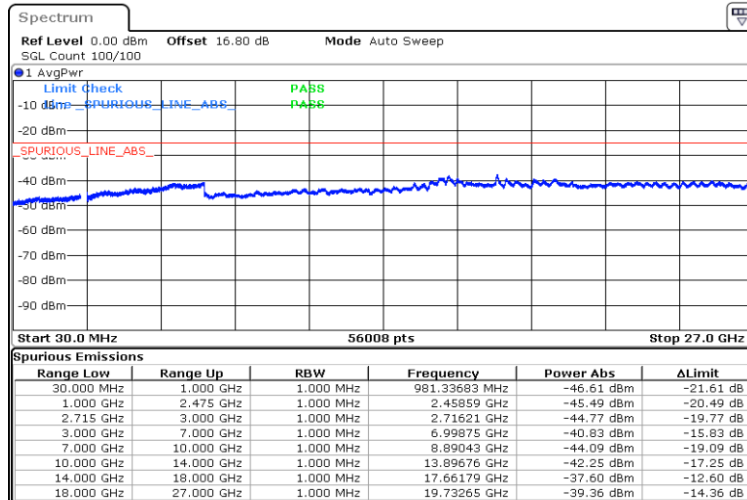


Date: 24.DEC.2024 16:27:18



Date: 24.DEC.2024 16:28:30

Highest Channel / QPSK



Date: 24.DEC.2024 16:29:43

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	0.0032	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0005	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0054	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 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	24.87	25.27	30.03	25.17	30.62
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	24.97	30.08	34.75	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.82	25.07	29.91	25.37	30.56
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	24.92	30.21	34.96	39.79

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.77	25.12	29.96	25.27	30.62
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.24	24.87	30.32	35.03	40.03

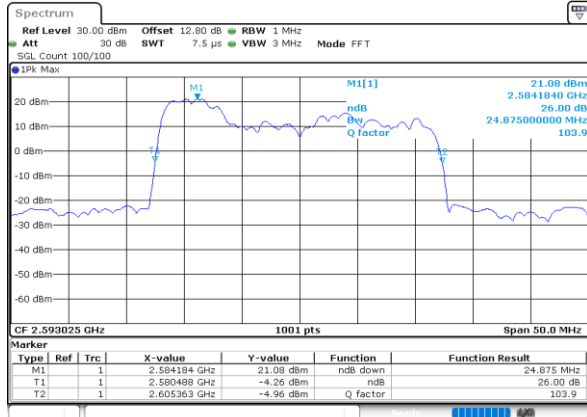
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.67	25.02	29.91	25.22	30.68
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.96	24.87	30.03	34.89	39.71



LTE Band 41C

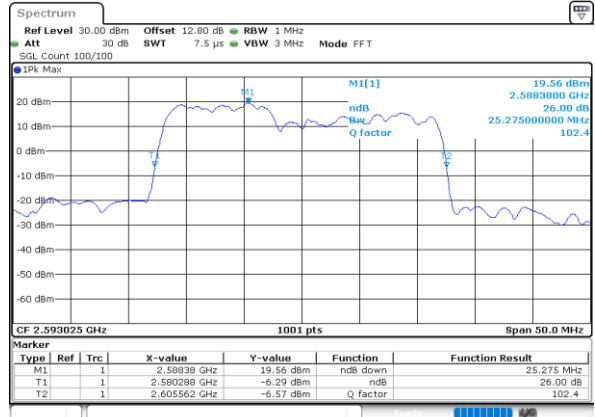
QPSK

Middle Channel / 5MHz+20MHz



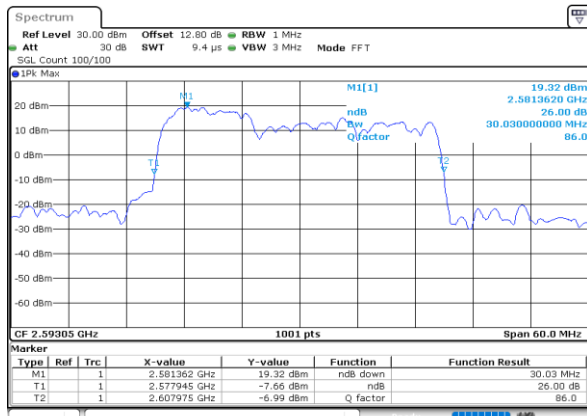
Date: 23.DEC.2024 14:45:17

Middle Channel / 10MHz+15MHz



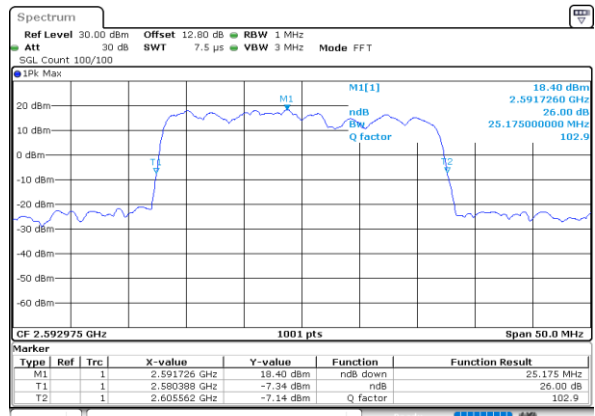
Date: 23.DEC.2024 14:49:11

Middle Channel / 10MHz+20MHz



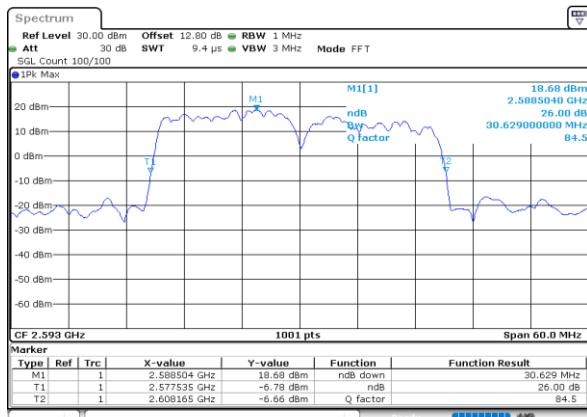
Date: 23.DEC.2024 14:53:24

Middle Channel / 15MHz+10MHz



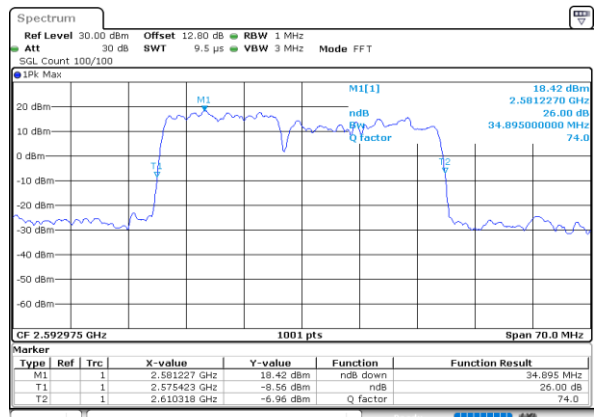
Date: 23.DEC.2024 14:51:02

Middle Channel / 15MHz+15MHz



Date: 23.DEC.2024 14:57:25

Middle Channel / 15MHz+20MHz

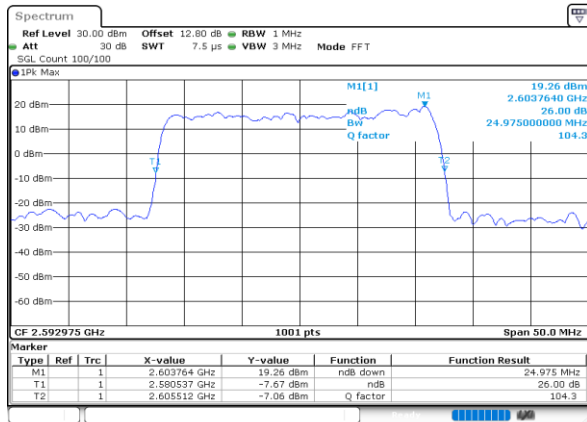


Date: 23.DEC.2024 14:59:12

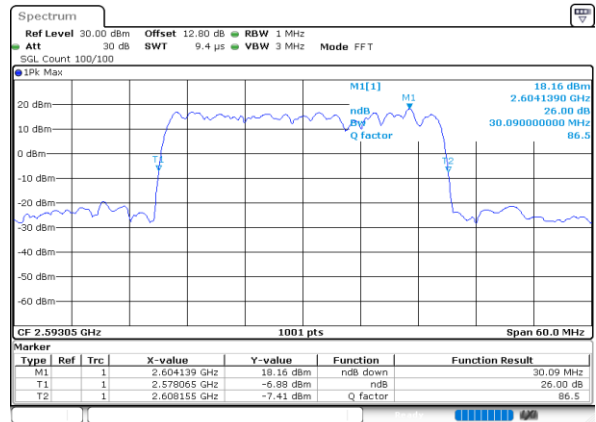


LTE Band 41C

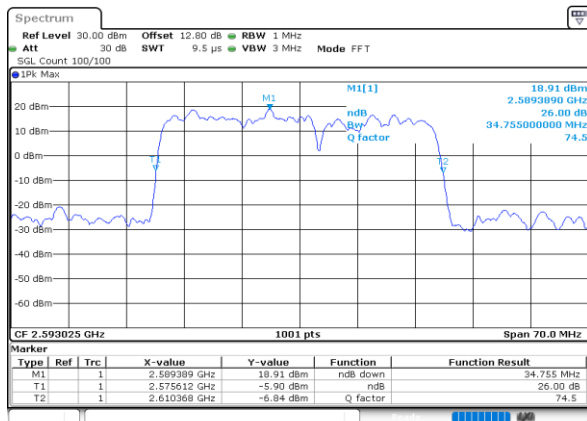
Middle Channel / 20MHz+5MHz



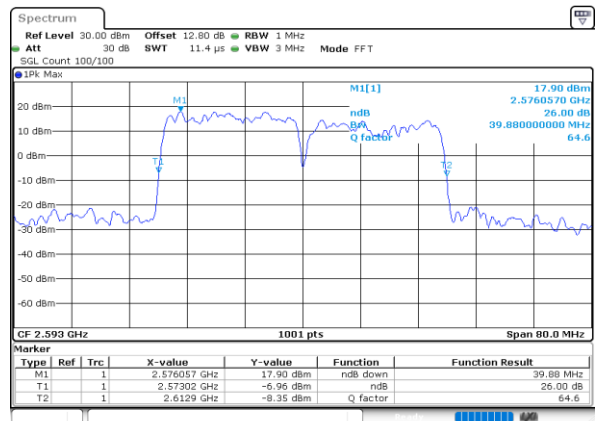
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



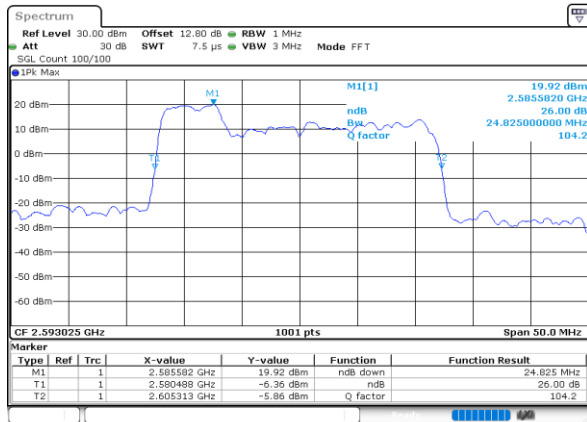
Middle Channel / 20MHz+20MHz



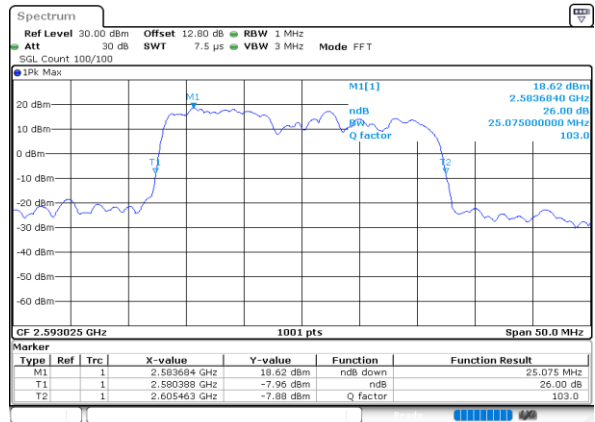


LTE Band 41C

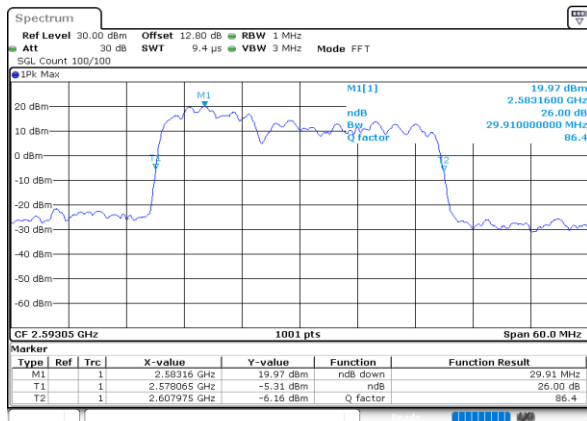
Middle Channel / 5MHz+20MHz



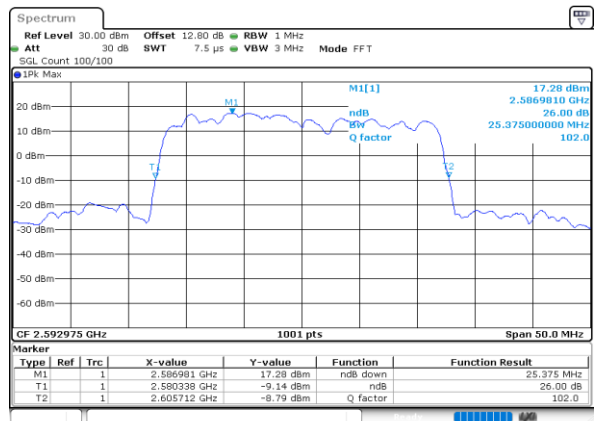
Middle Channel / 10MHz+15MHz



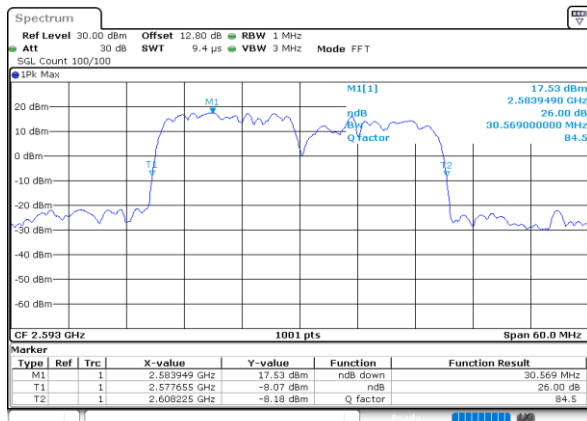
Middle Channel / 10MHz+20MHz



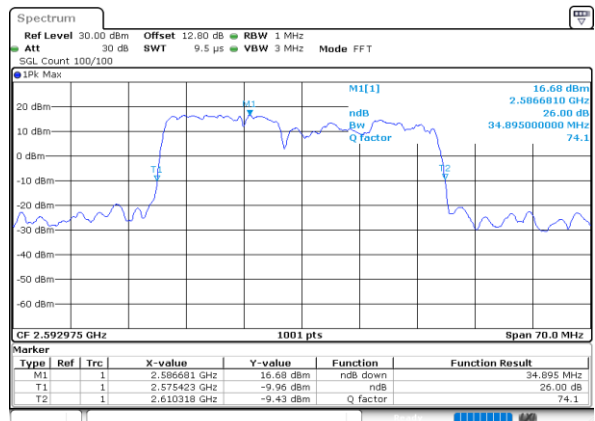
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

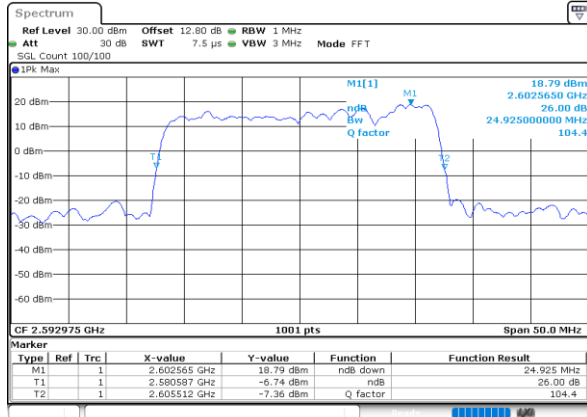




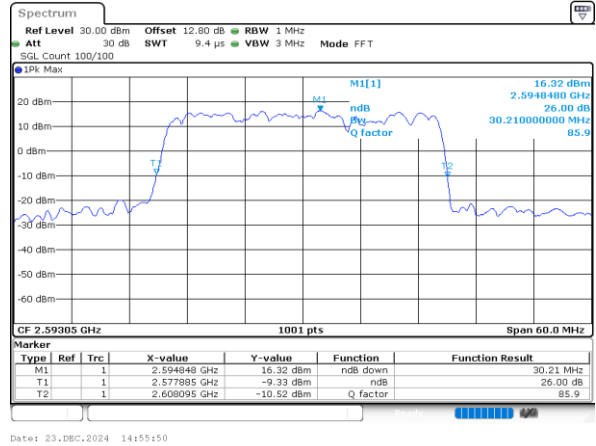
LTE Band 41C

16QAM

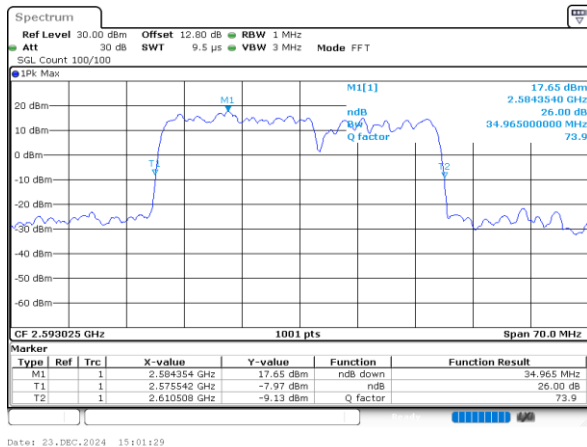
Middle Channel / 20MHz+5MHz



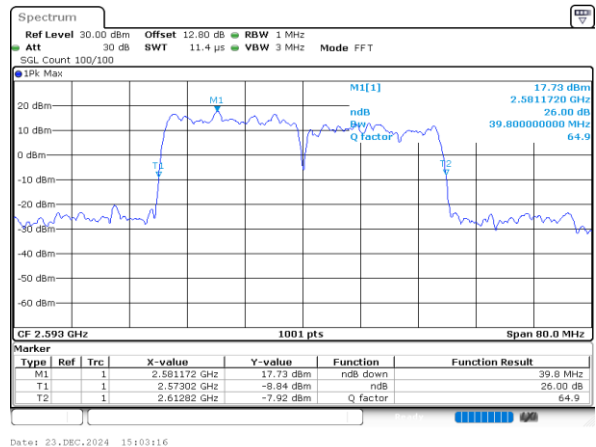
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

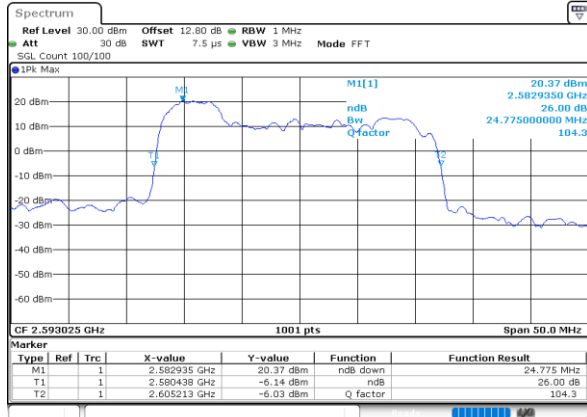




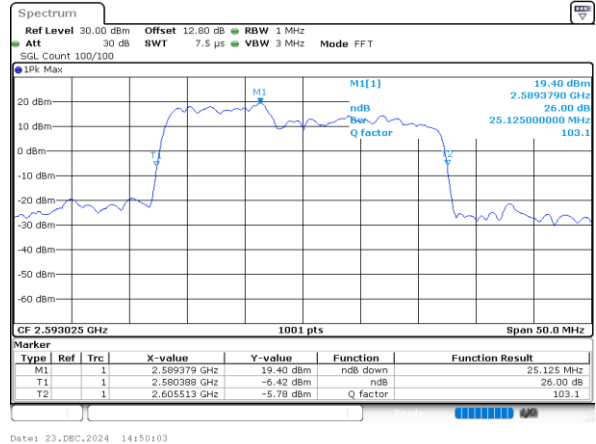
LTE Band 41C

64QAM

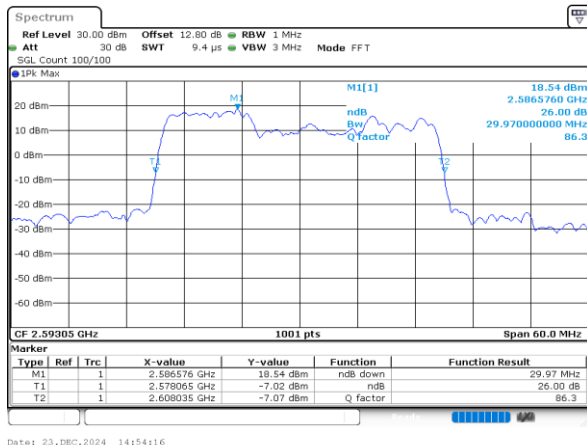
Middle Channel / 5MHz+20MHz



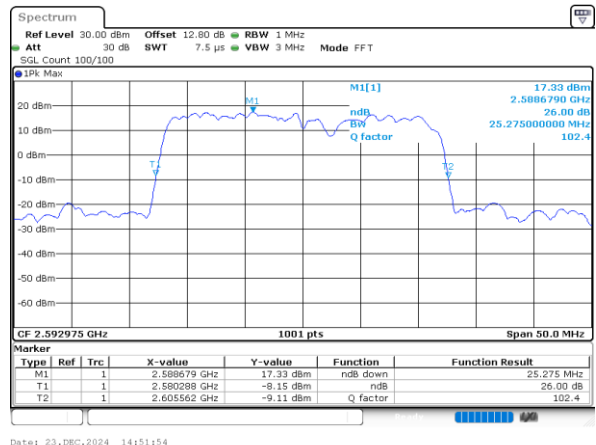
Middle Channel / 10MHz+15MHz



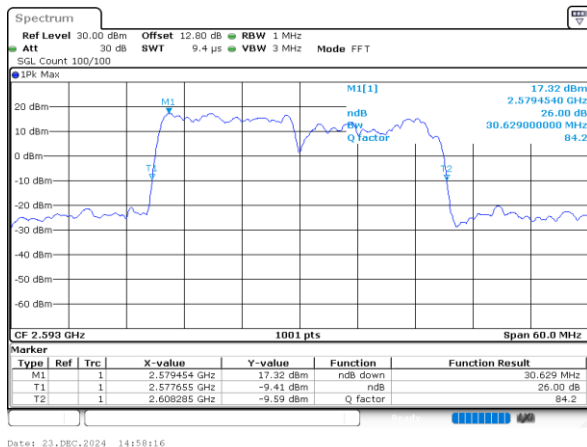
Middle Channel / 10MHz+20MHz



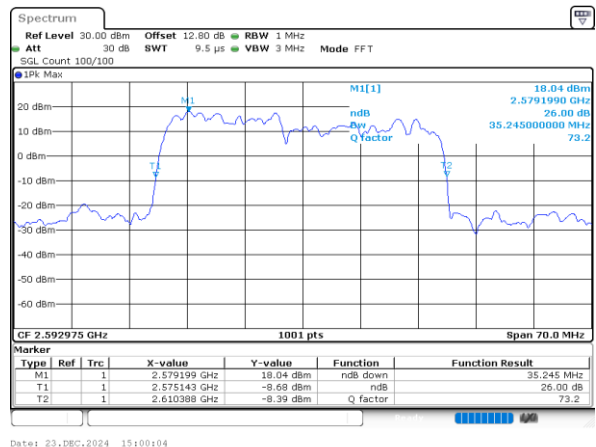
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

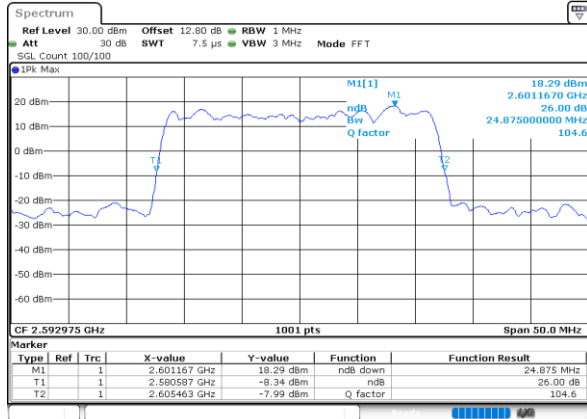




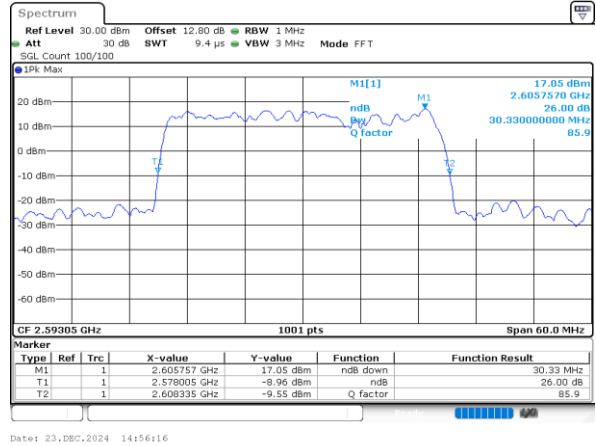
LTE Band 41C

64QAM

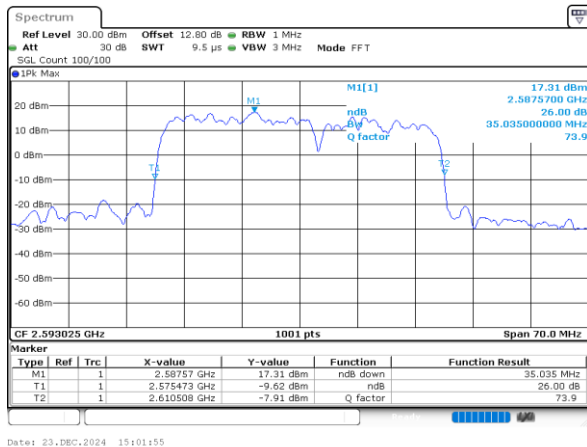
Middle Channel / 20MHz+5MHz



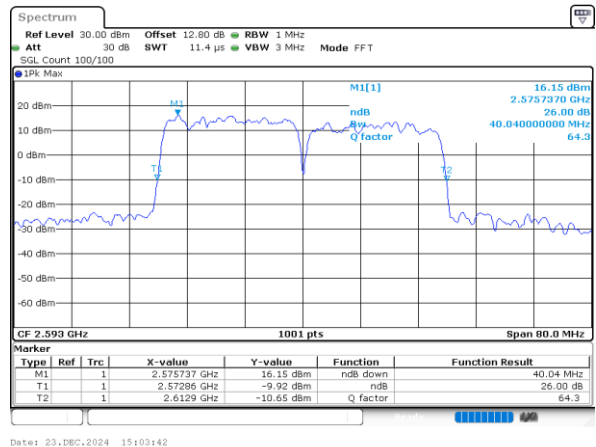
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

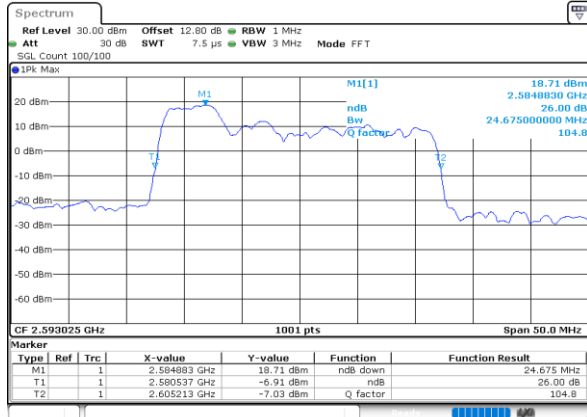




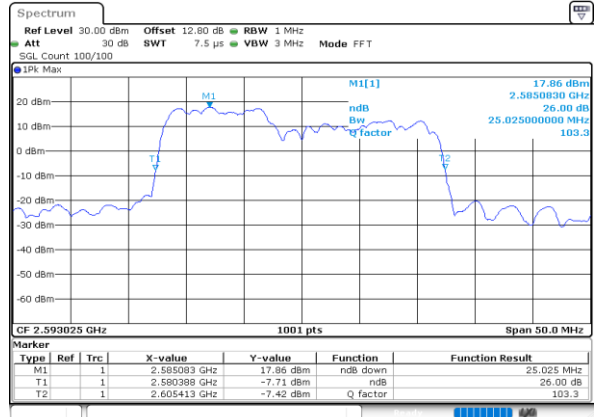
LTE Band 41C

256QAM

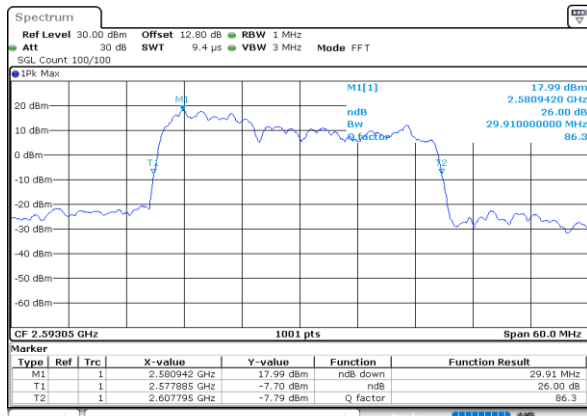
Middle Channel / 5MHz+20MHz



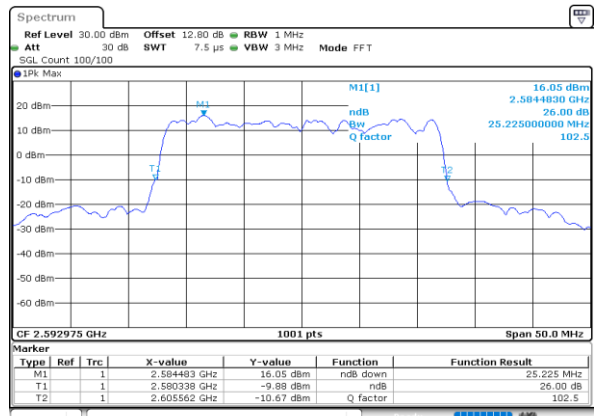
Middle Channel / 10MHz+15MHz



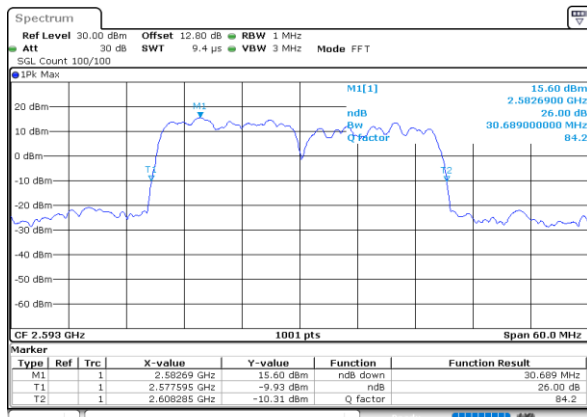
Middle Channel / 10MHz+20MHz



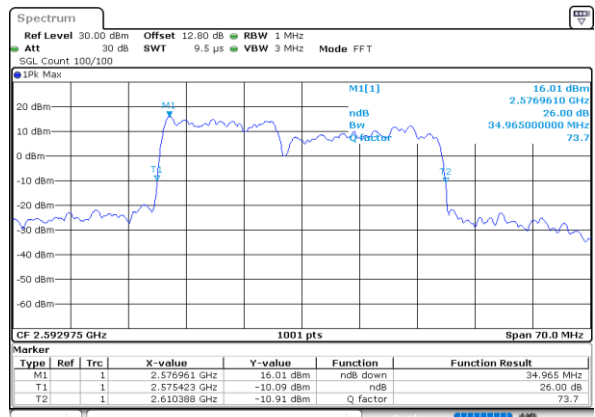
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

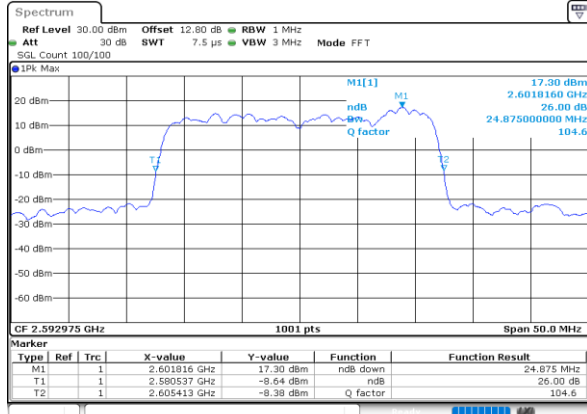




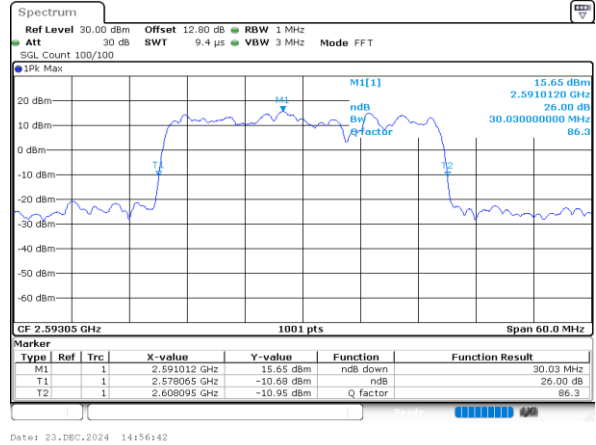
LTE Band 41C

256QAM

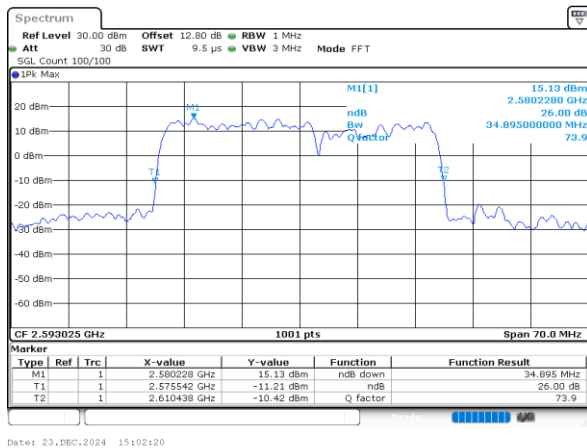
Middle Channel / 20MHz+5MHz



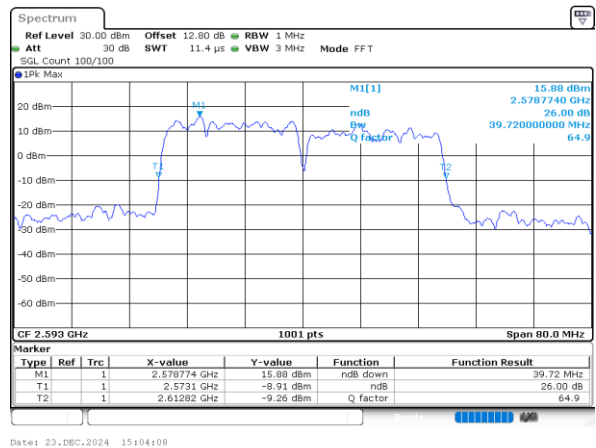
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



**Occupied Bandwidth**

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.33	23.25	27.77	23.27	28.62
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.11	23.14	28.10	32.77	37.61

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.28	23.53	27.92	23.38	28.68
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.02	23.33	28.10	32.74	37.41

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.03	23.39	27.93	23.55	28.29
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.02	23.23	28.05	32.97	37.84

Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.37	23.33	27.87	23.48	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.74	23.17	27.99	33.16	38.02