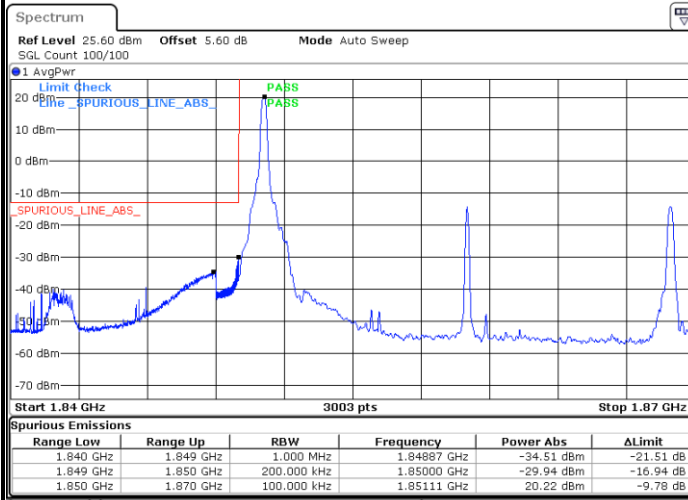


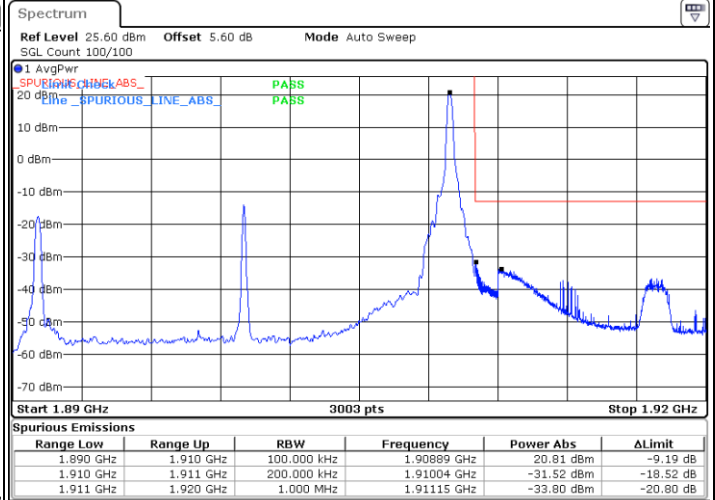


LTE Band 2 / 20MHz / 16QAM

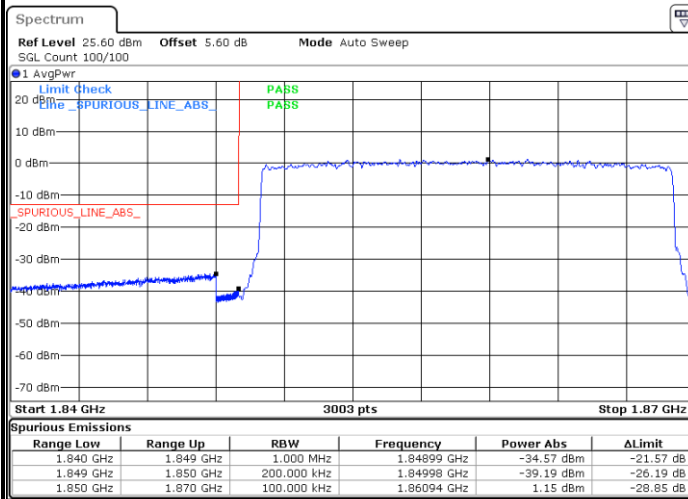
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



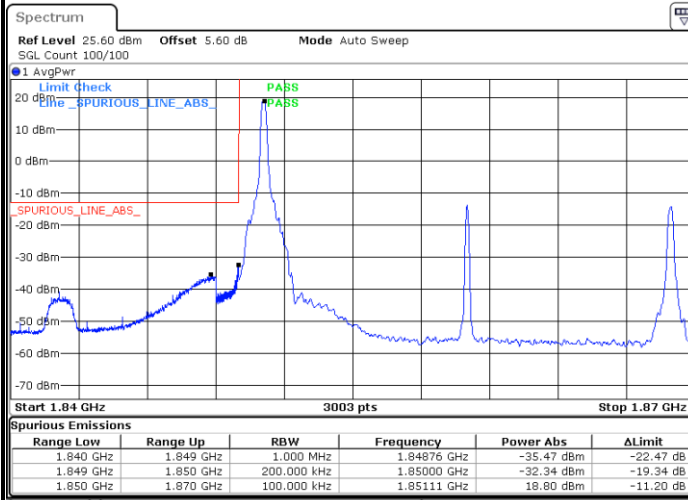
Highest Band Edge / Full RB



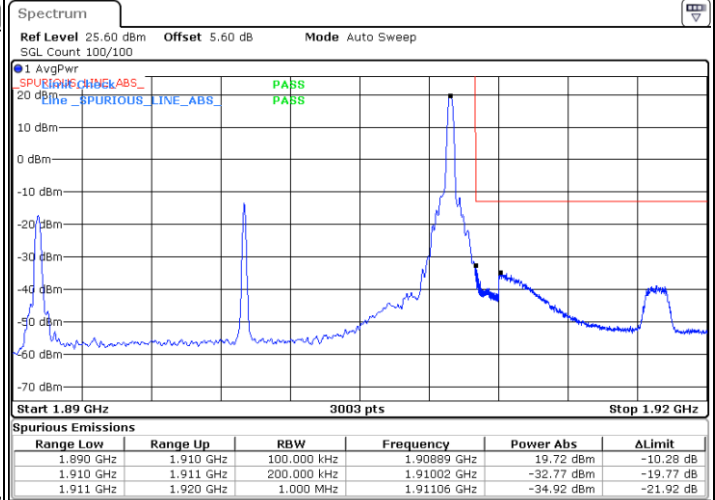


LTE Band 2 / 20MHz / 64QAM

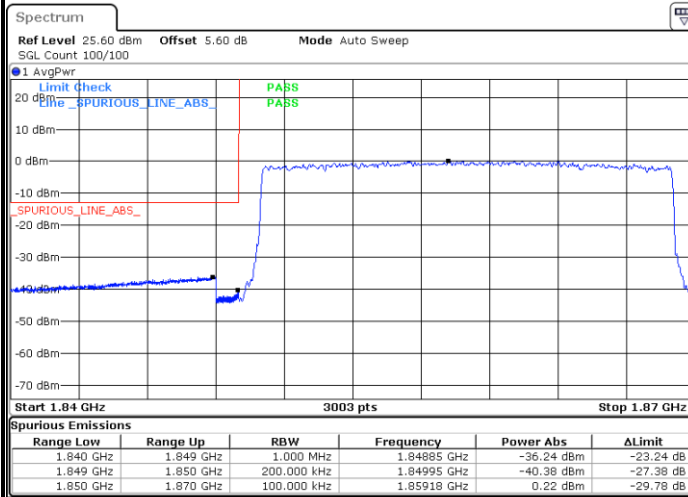
Lowest Band Edge / 1 RB



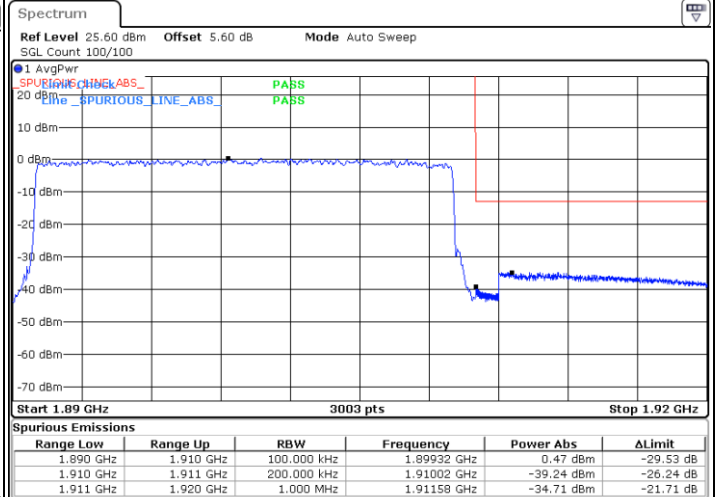
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

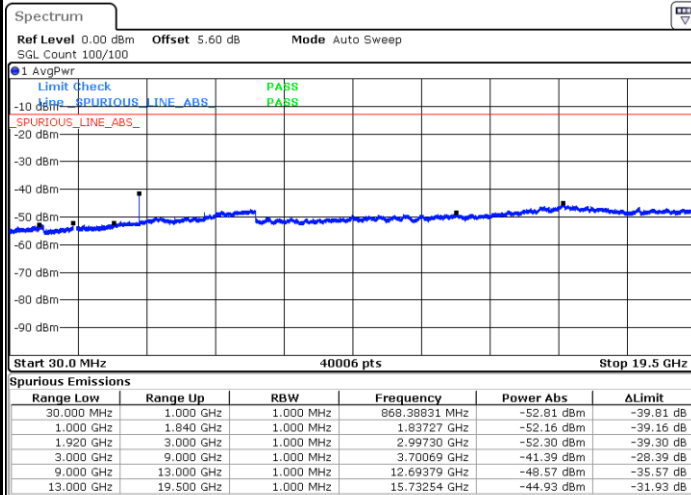




Conducted Spurious Emission

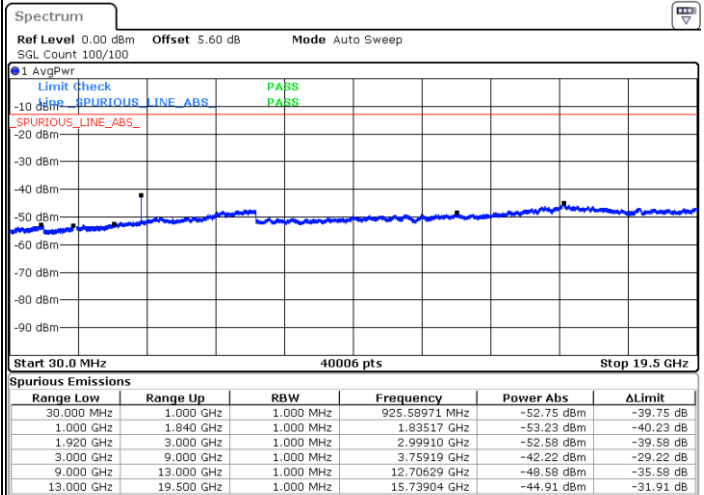
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



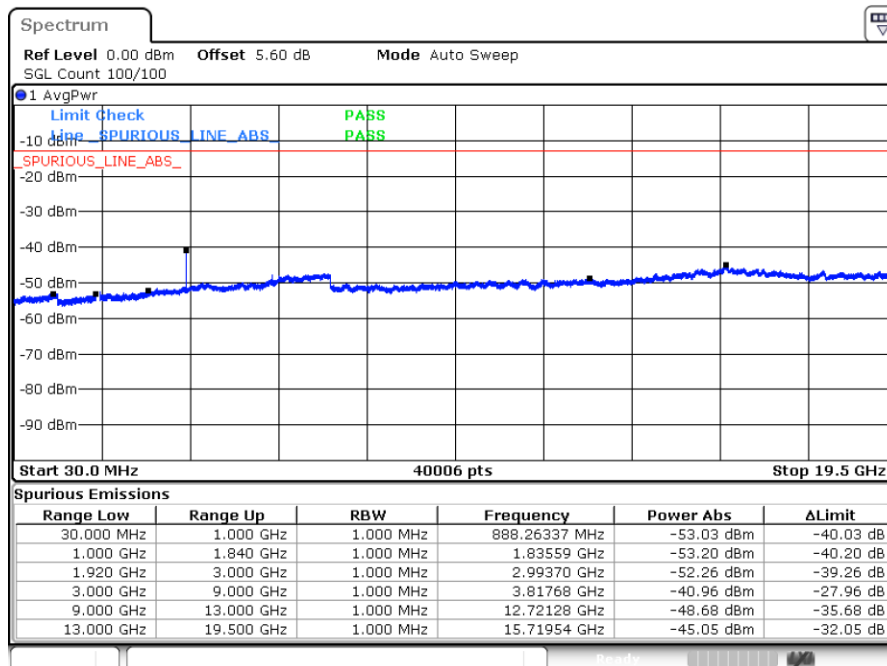
Date: 14.DEC.2024 06:49:31

Middle Channel / QPSK



Date: 14.DEC.2024 06:50:53

Highest Channel / QPSK

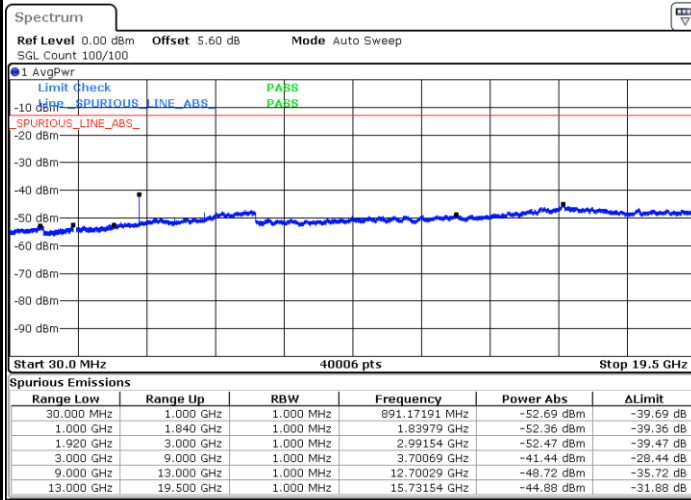


Date: 14.DEC.2024 06:52:15



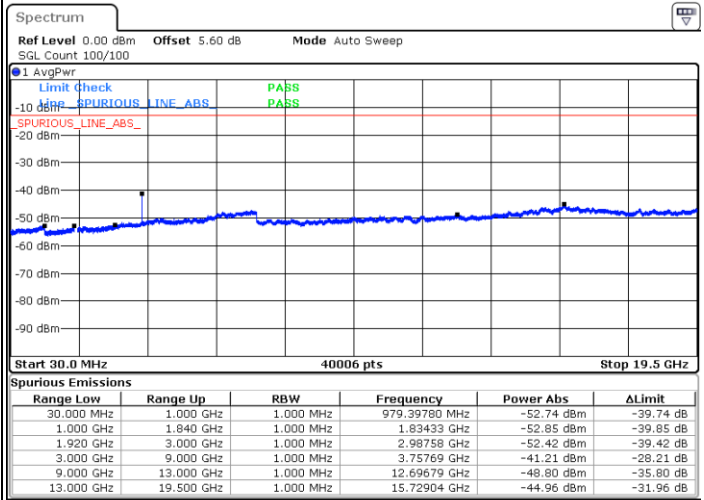
LTE Band 2 / 3MHz

Lowest Channel / QPSK



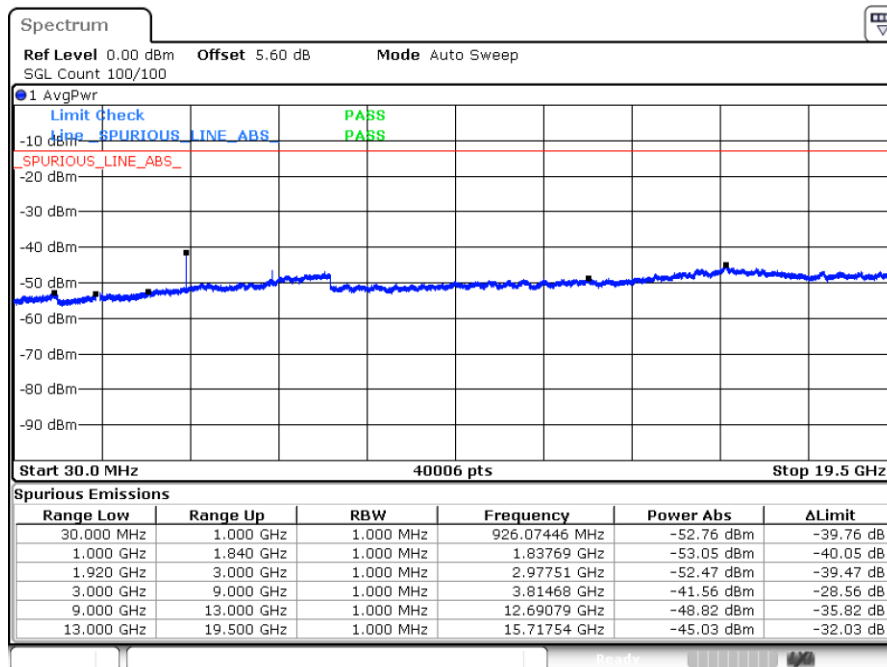
Date: 14.DEC.2024 07:12:00

Middle Channel / QPSK



Date: 14.DEC.2024 07:13:22

Highest Channel / QPSK

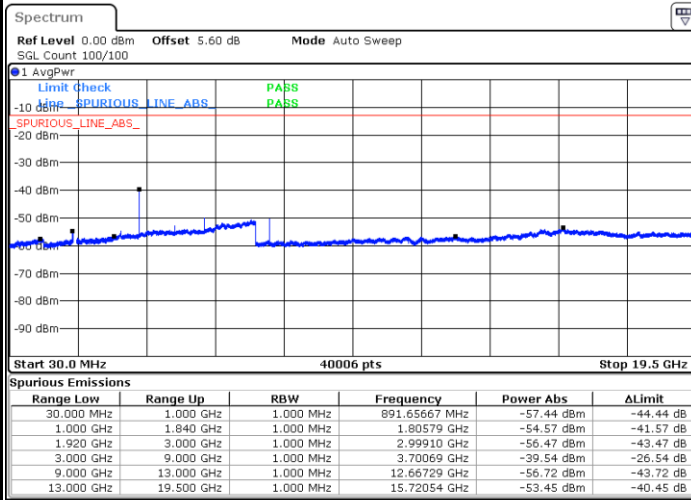


Date: 14.DEC.2024 07:14:44



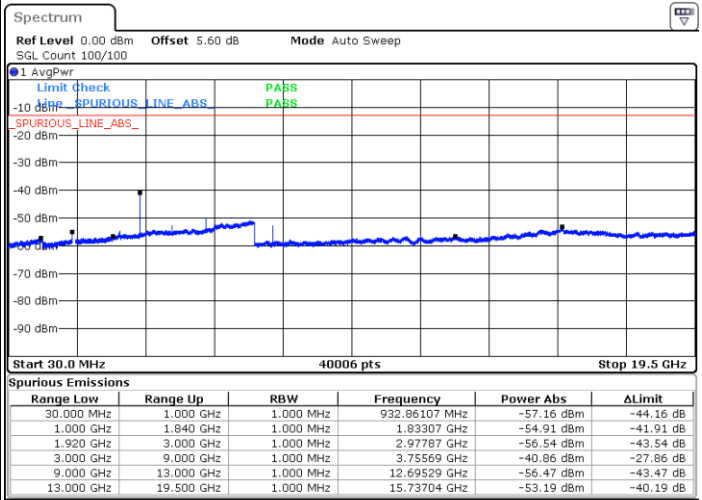
LTE Band 2 / 5MHz

Lowest Channel / QPSK



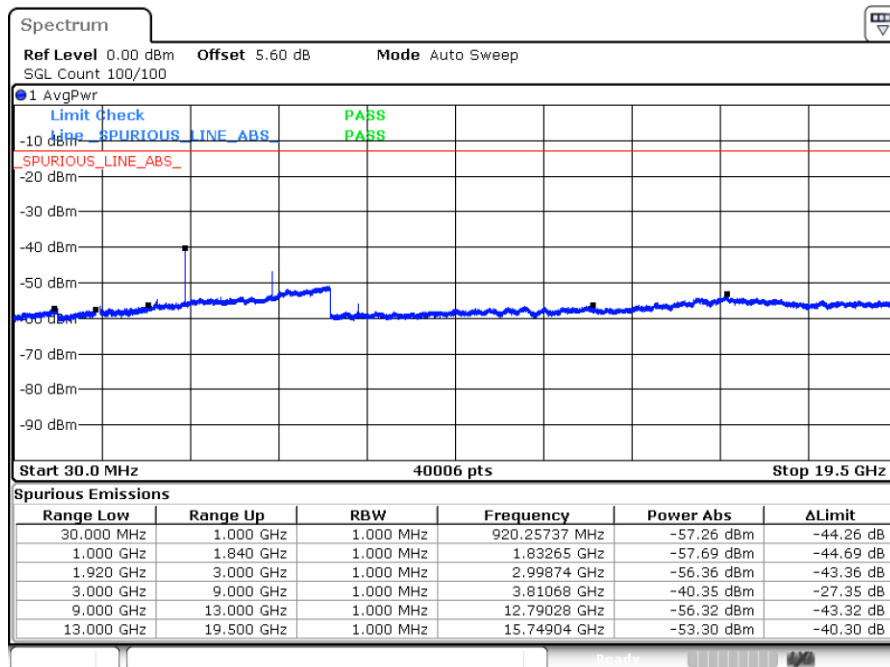
Date: 14.DEC.2024 07:32:24

Middle Channel / QPSK



Date: 14.DEC.2024 07:33:46

Highest Channel / QPSK

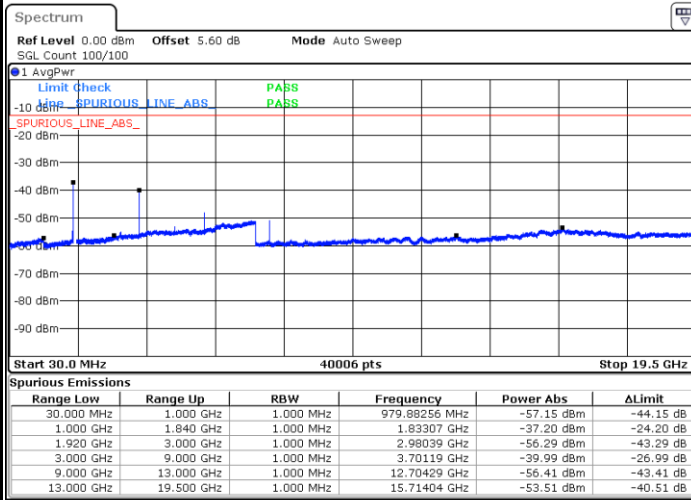


Date: 14.DEC.2024 07:35:08



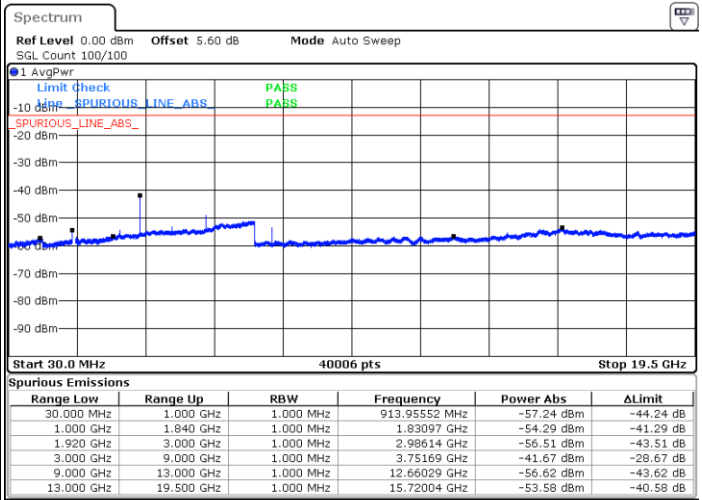
LTE Band 2 / 10MHz

Lowest Channel / QPSK



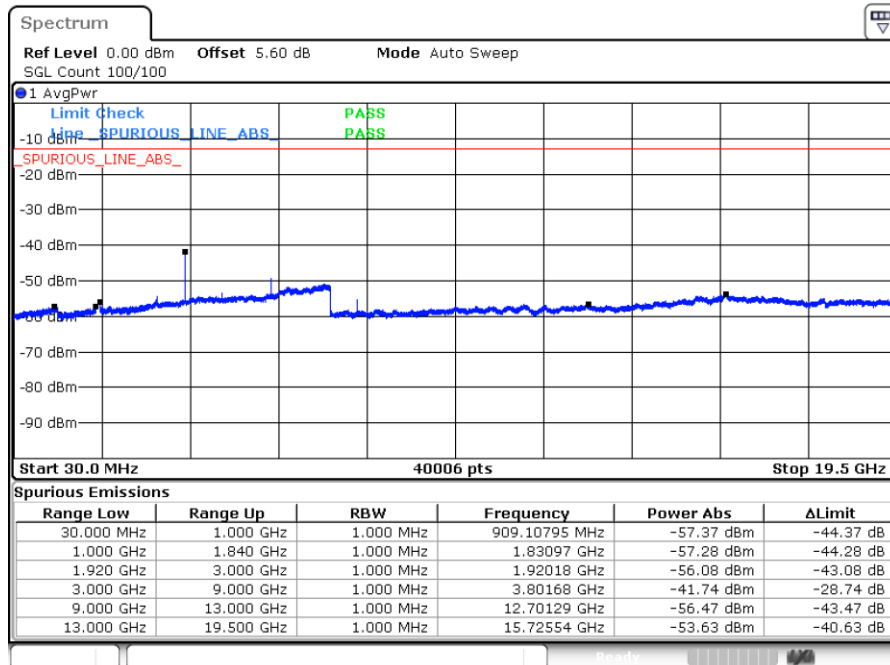
Date: 14.DEC.2024 07:46:45

Middle Channel / QPSK



Date: 14.DEC.2024 07:48:07

Highest Channel / QPSK

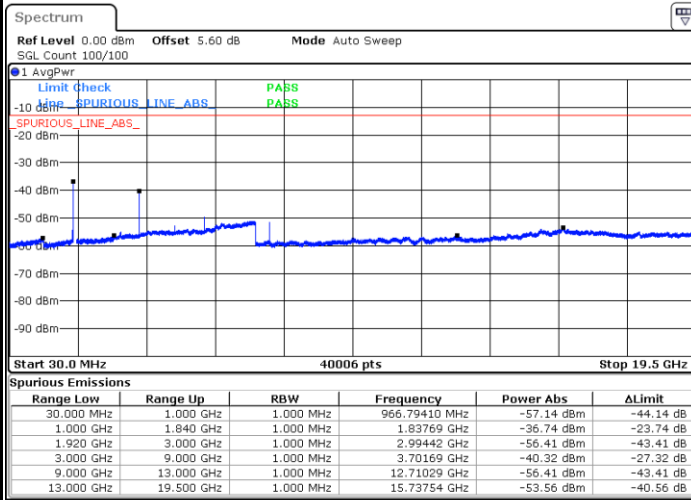


Date: 14.DEC.2024 07:49:29



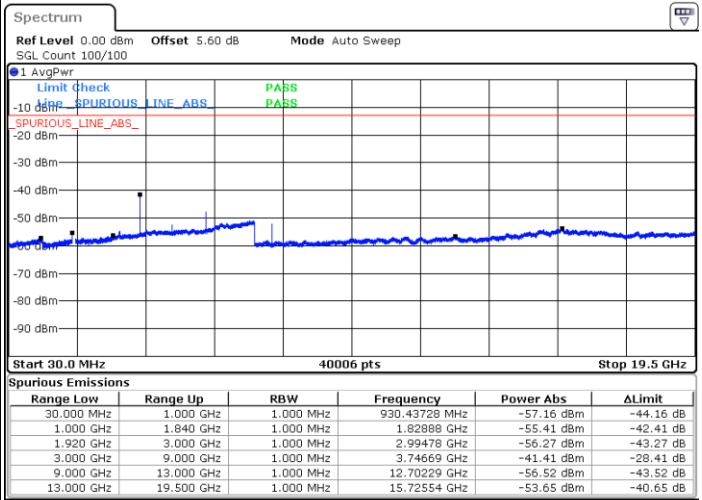
LTE Band 2 / 15MHz

Lowest Channel / QPSK



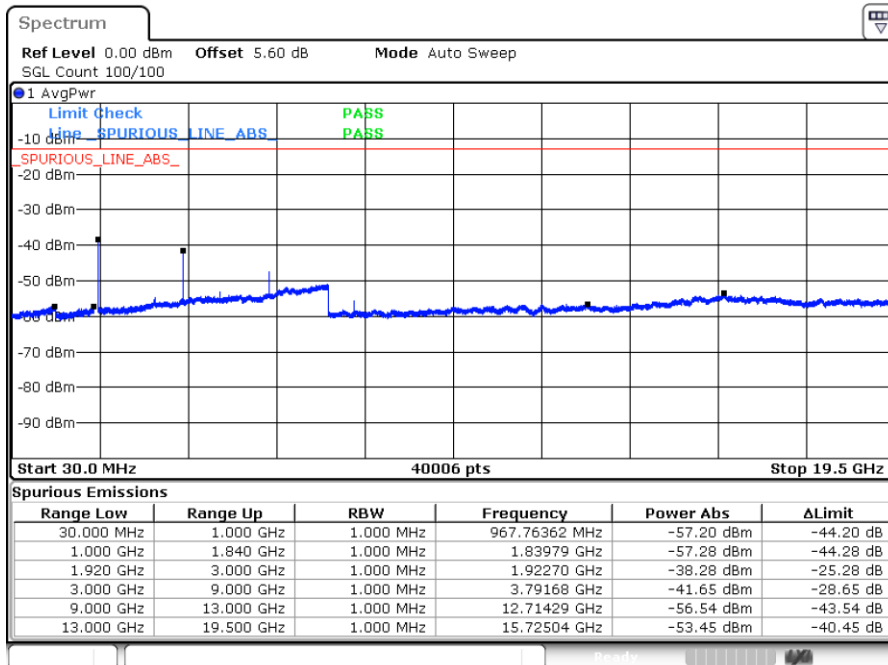
Date: 14.DEC.2024 07:58:49

Middle Channel / QPSK



Date: 14.DEC.2024 08:00:11

Highest Channel / QPSK

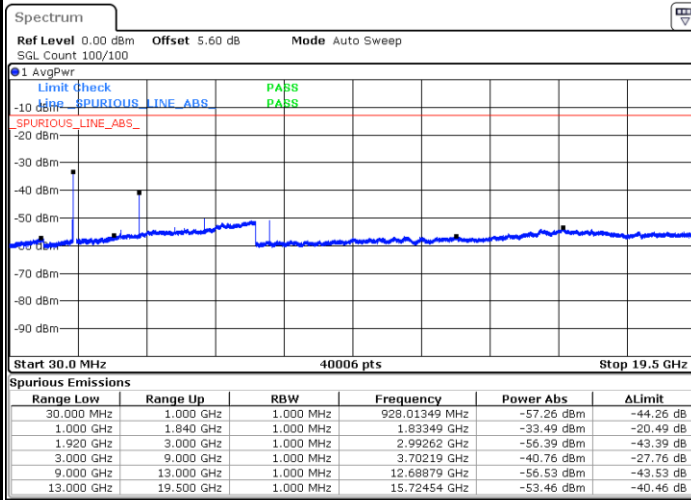


Date: 14.DEC.2024 08:01:33



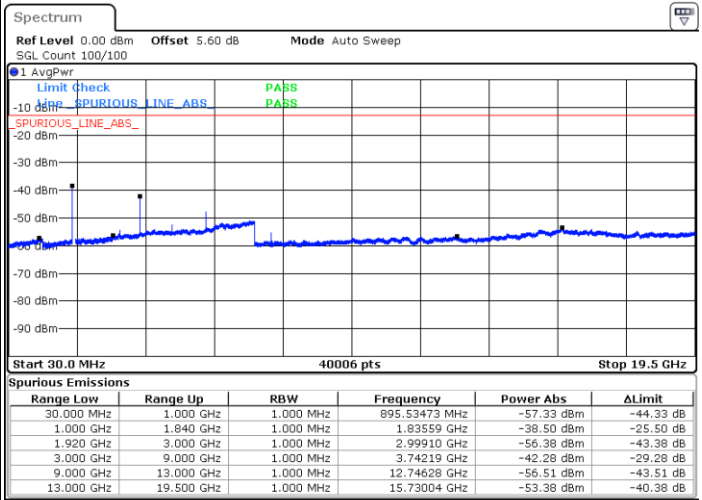
LTE Band 2 / 20MHz

Lowest Channel / QPSK



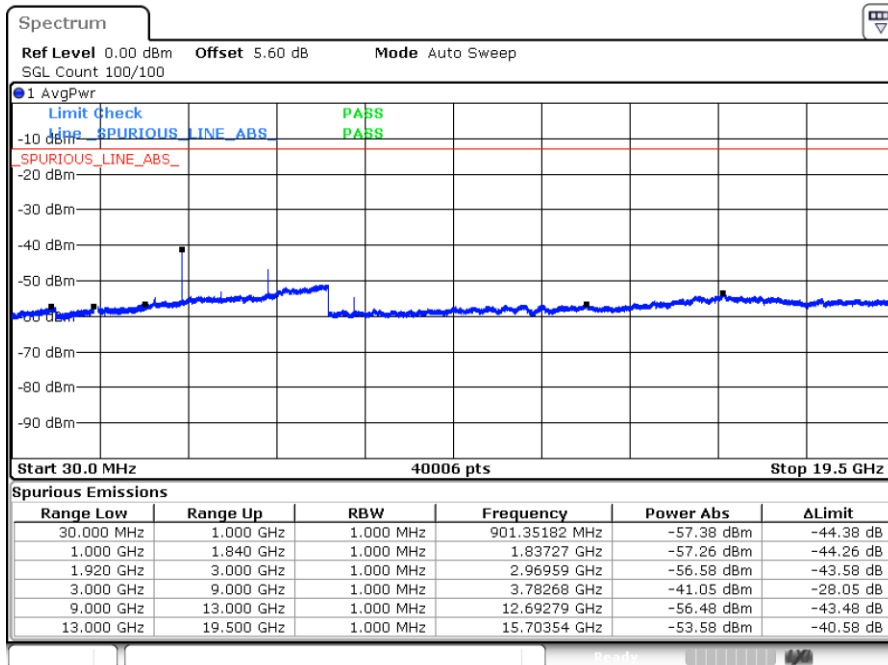
Date: 14.DEC.2024 08:10:53

Middle Channel / QPSK



Date: 14.DEC.2024 08:12:15

Highest Channel / QPSK



Date: 14.DEC.2024 08:13:37

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.015	
20	Normal Voltage	0.0014	
20	Minimum Voltage	0.0024	

Note:

1. Normal Voltage = 3.8V ; Minimum Voltage =3.2V. ; Maximum Voltage =4.75V
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

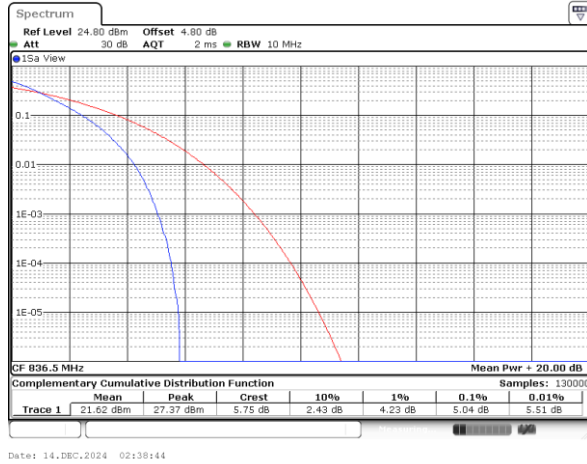
Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.04	5.94	6.38	PASS

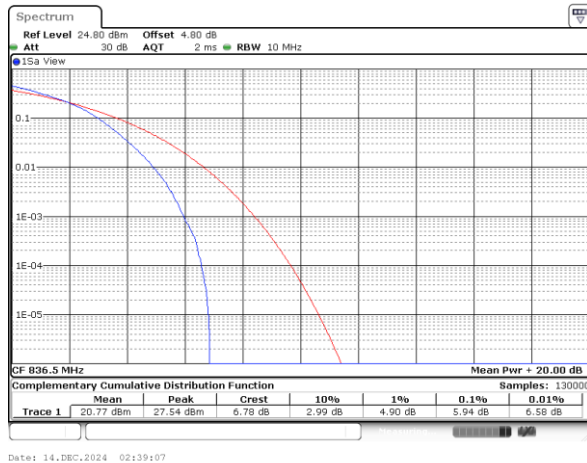


LTE Band 5 / 10MHz

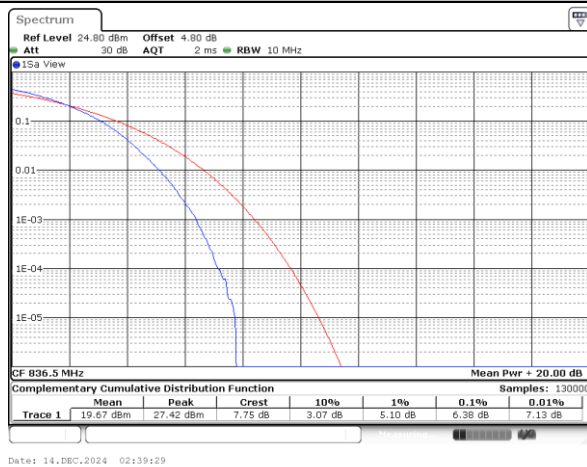
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM



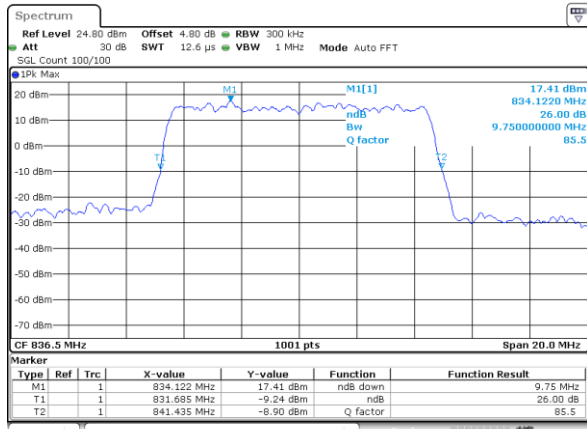
**26dB Bandwidth**

Mode	LTE Band 5 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.75	9.73
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.91	4.93
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.99	3.03
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.26	1.27



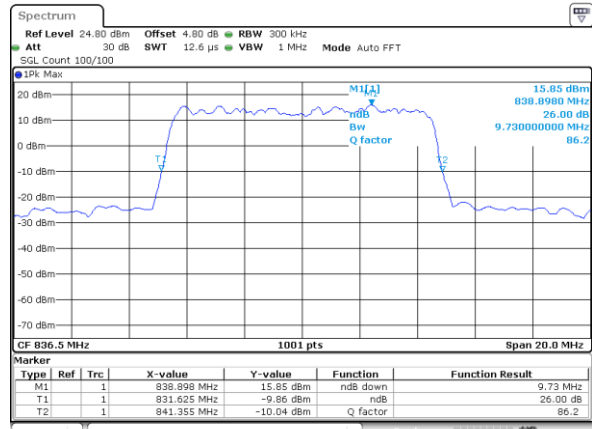
LTE Band 5

Middle Channel / 10MHz / QPSK



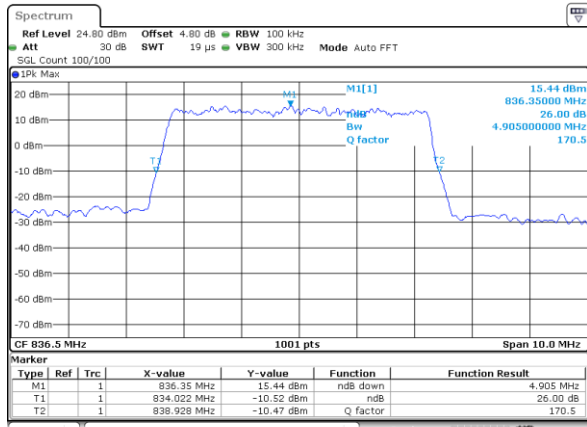
Date: 14, DEC, 2024 02:39:50

Middle Channel / 10MHz / 16QAM



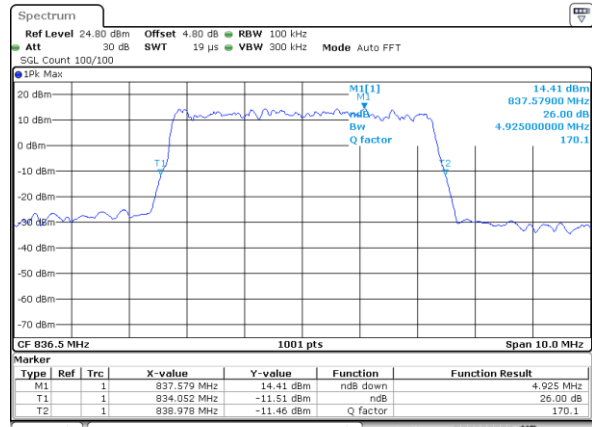
Date: 14, DEC, 2024 02:40:33

Middle Channel / 5MHz / QPSK



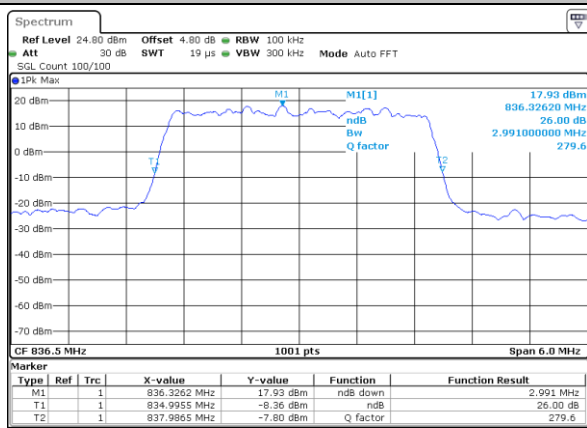
Date: 14, DEC, 2024 02:57:15

Middle Channel / 5MHz / 16QAM



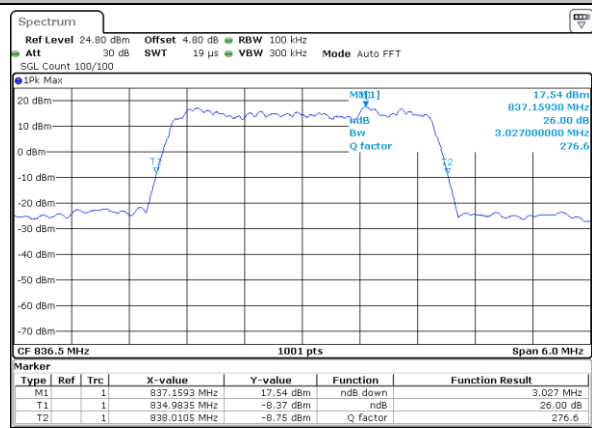
Date: 14, DEC, 2024 02:57:36

Middle Channel / 3MHz / QPSK



Date: 14, DEC, 2024 02:58:19

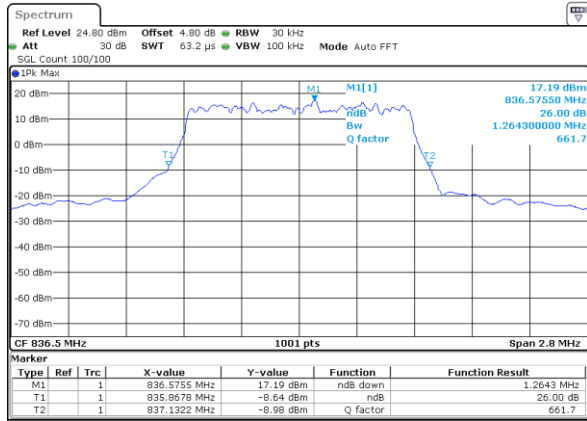
Middle Channel / 3MHz / 16QAM



Date: 14, DEC, 2024 02:59:22

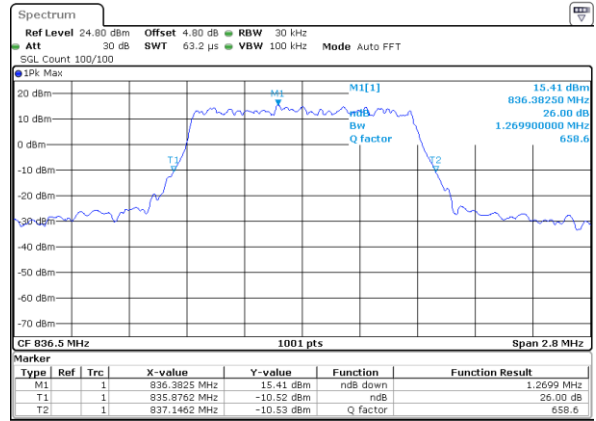


Middle Channel / 1.4MHz / QPSK



Date: 14, DEC, 2024 03:02:09

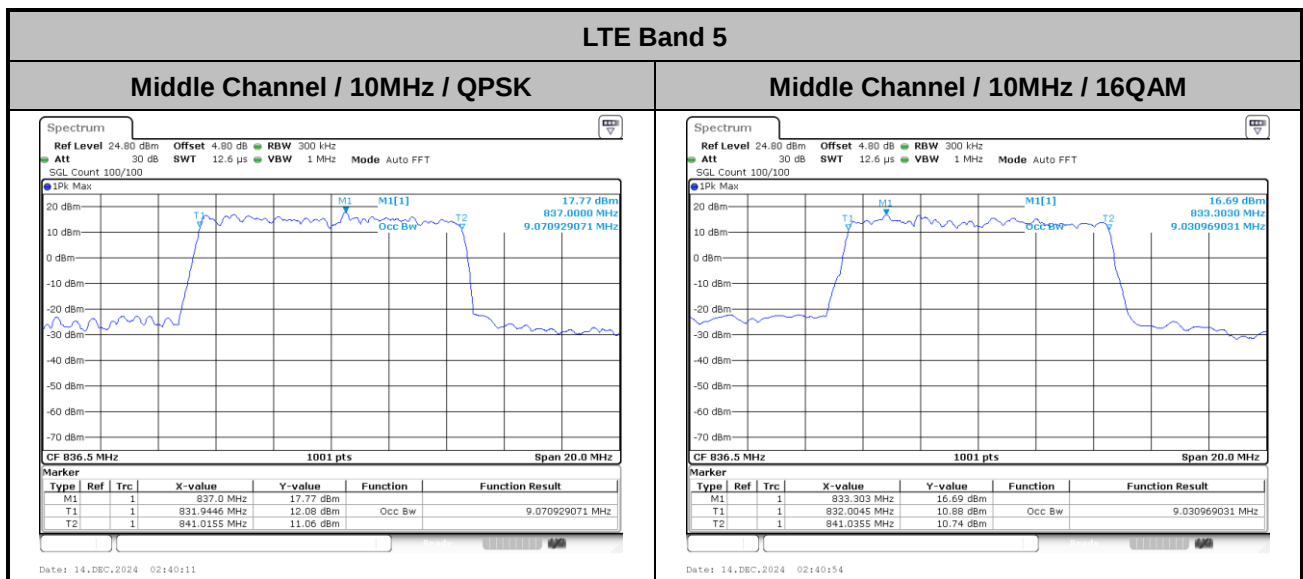
Middle Channel / 1.4MHz / 16QAM



Date: 14, DEC, 2024 03:03:12

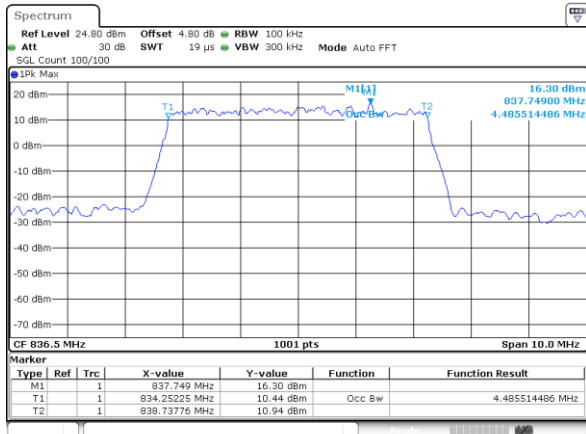
**Occupied Bandwidth**

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.03
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.48
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.73	2.72
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.08



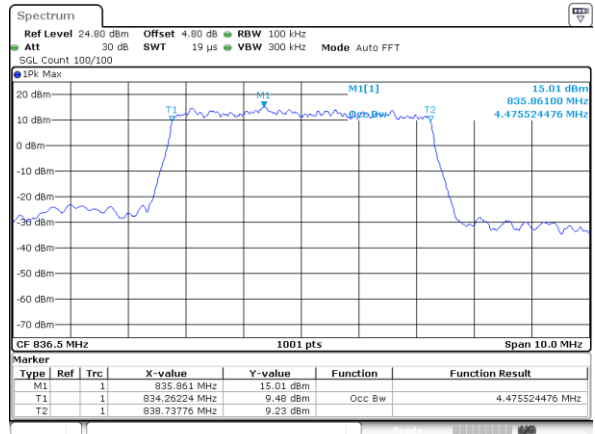


Middle Channel / 5MHz / QPSK



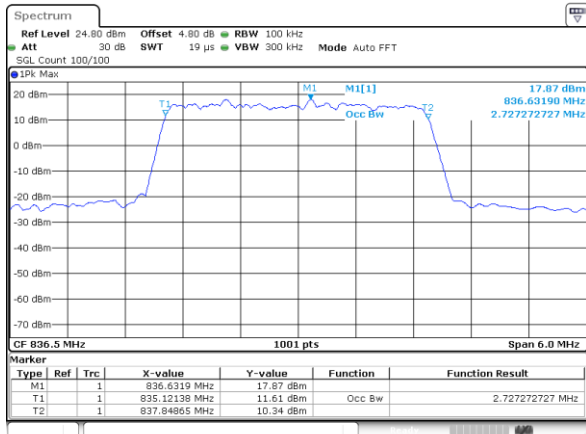
Date: 14.DEC.2024 02:56:53

Middle Channel / 5MHz / 16QAM



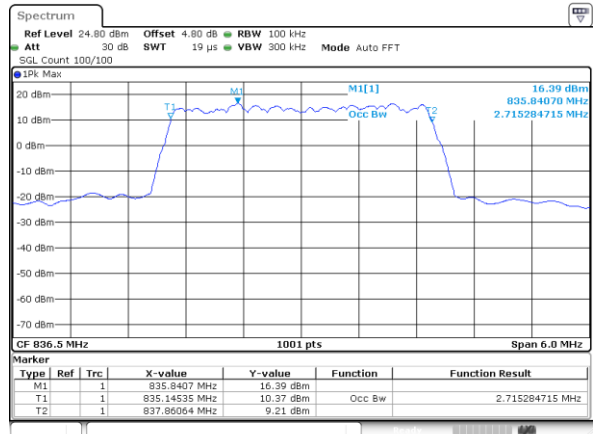
Date: 14.DEC.2024 02:57:57

Middle Channel / 3MHz / QPSK



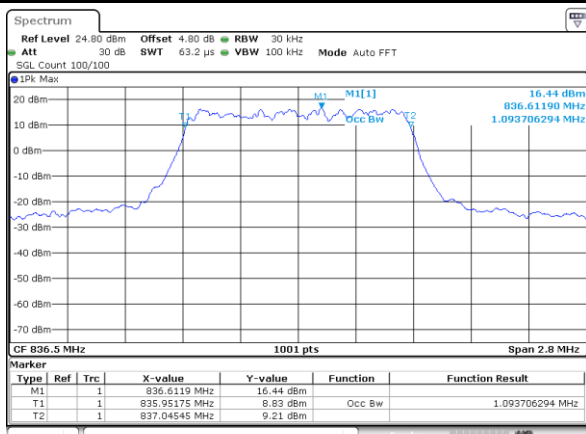
Date: 14.DEC.2024 02:58:40

Middle Channel / 3MHz / 16QAM



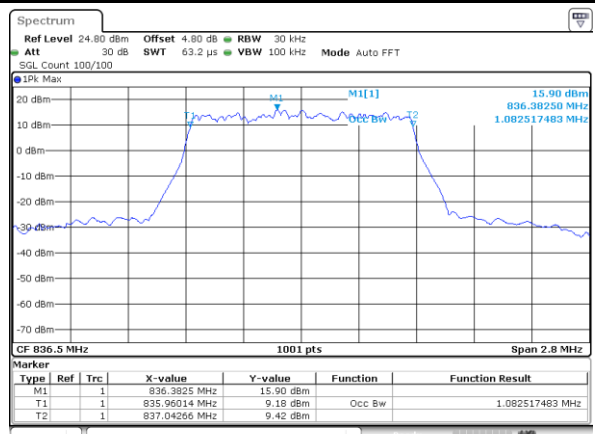
Date: 14.DEC.2024 02:59:01

Middle Channel / 1.4MHz / QPSK



Date: 14.DEC.2024 03:00:30

Middle Channel / 1.4MHz / 16QAM



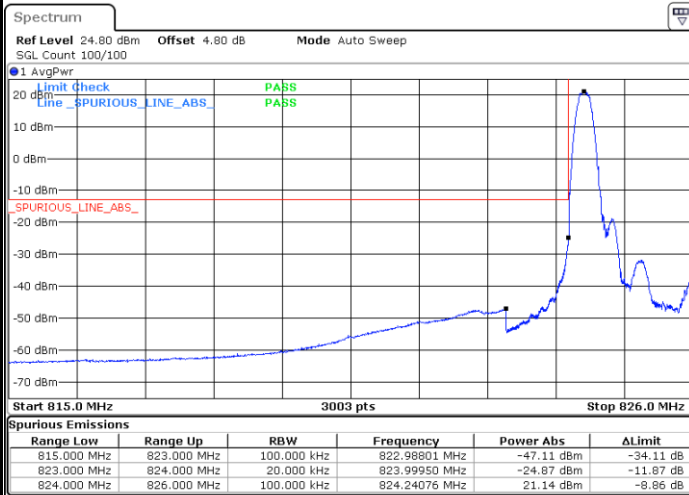
Date: 14.DEC.2024 03:02:51



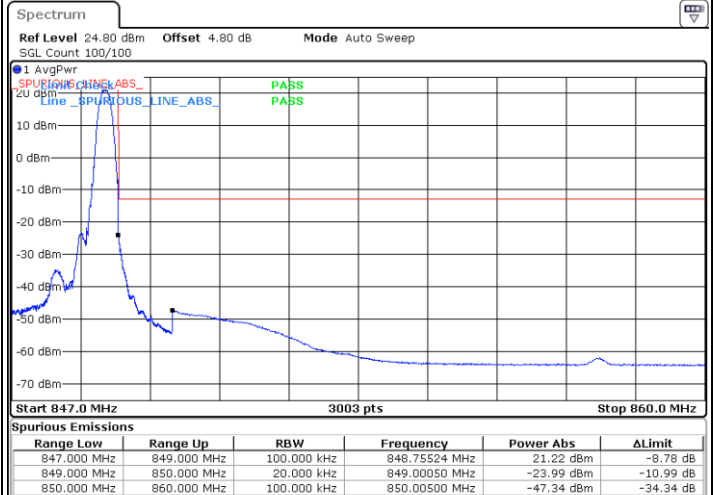
Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

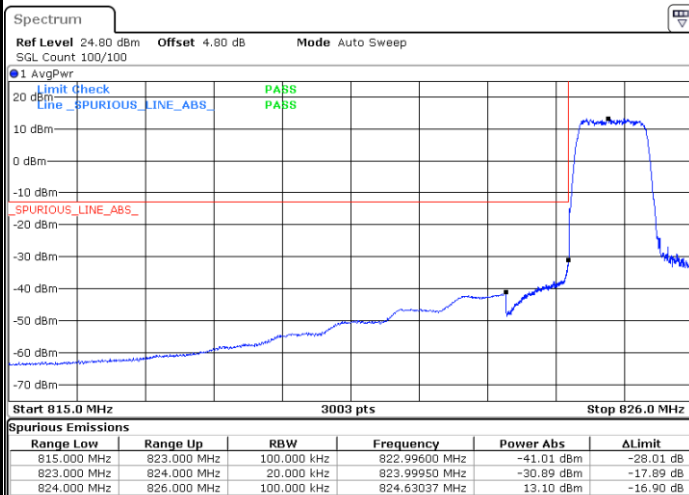
Lowest Band Edge / 1RB



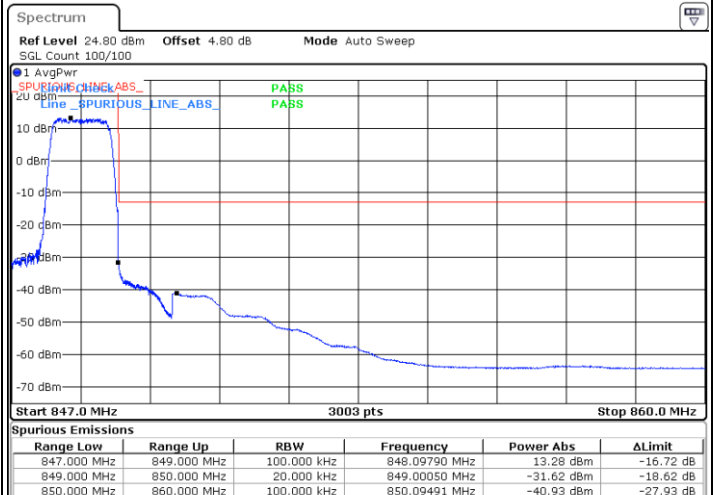
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



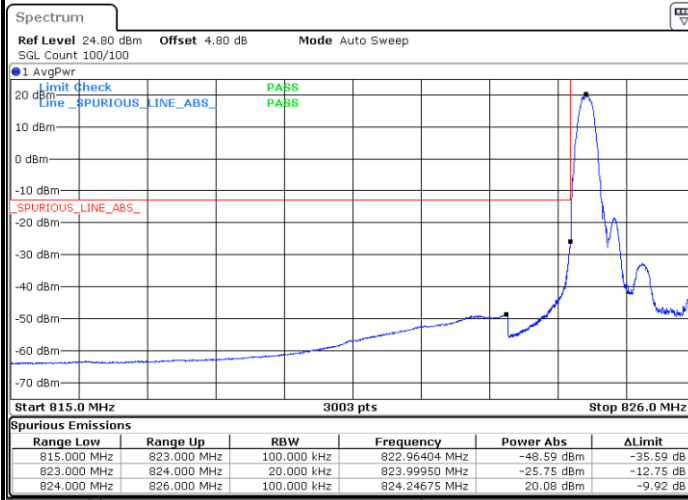
Highest Band Edge / Full RB



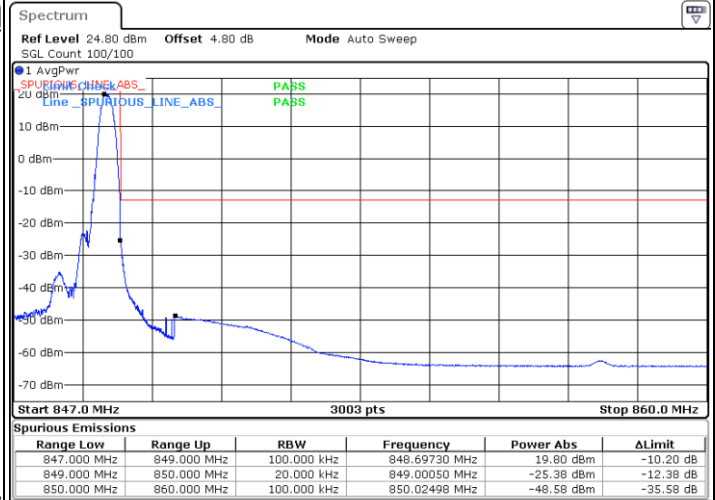


LTE Band 5 / 1.4MHz / 16QAM

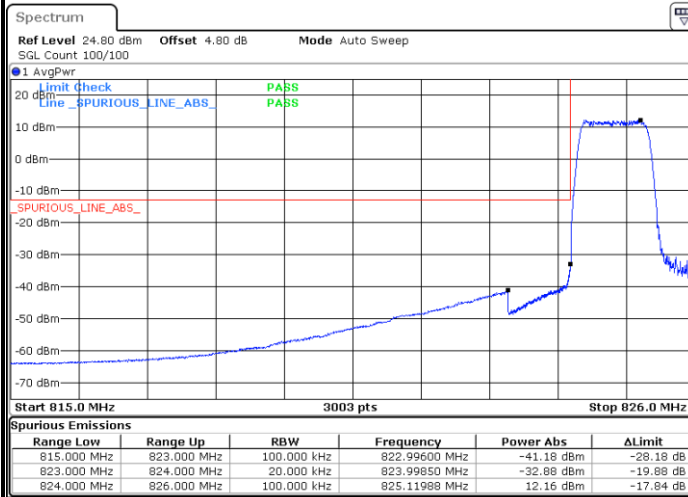
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



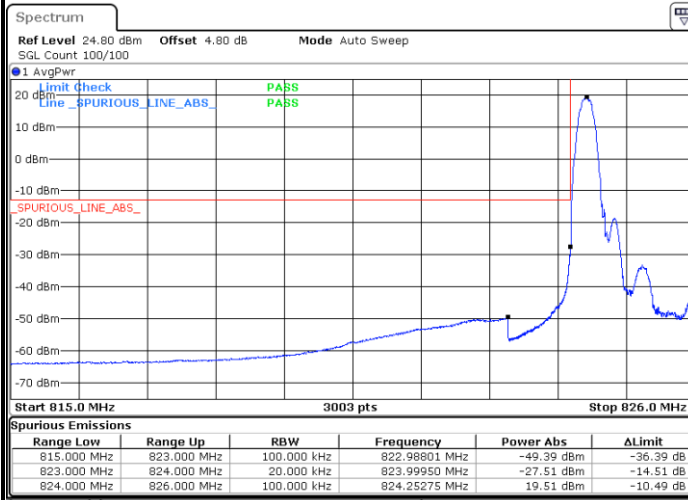
Highest Band Edge / Full RB



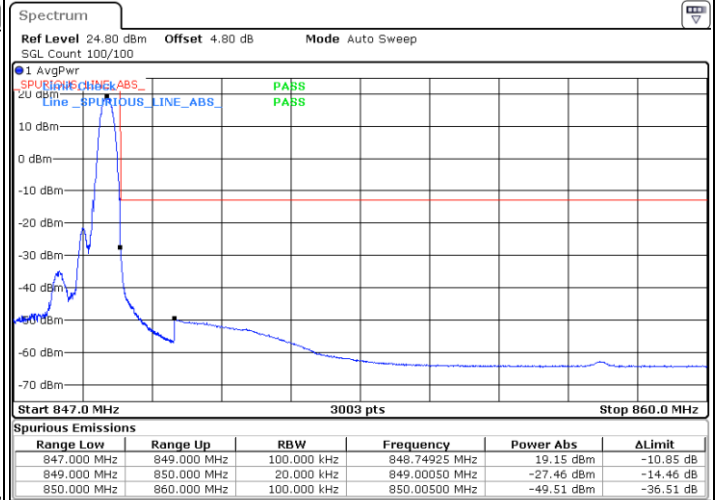


LTE Band 5 / 1.4MHz / 64QAM

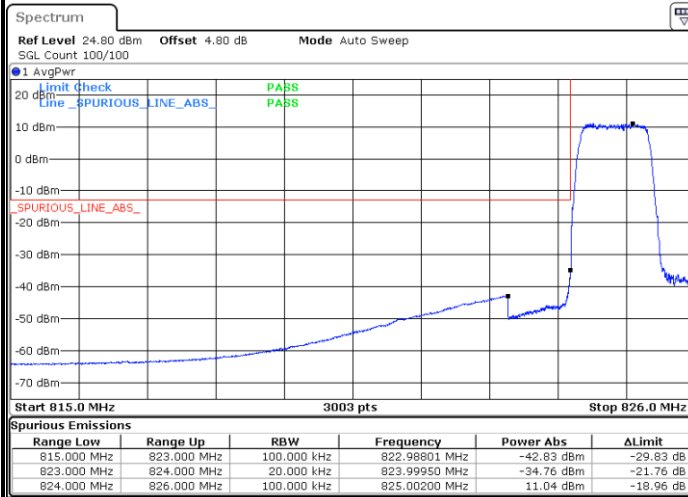
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



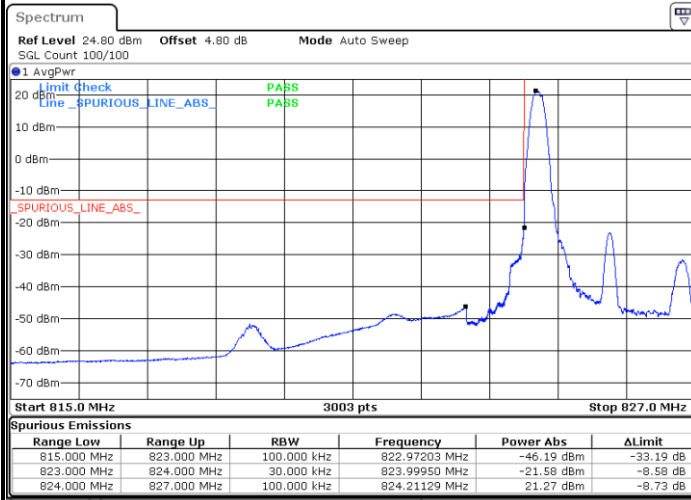
Highest Band Edge / Full RB



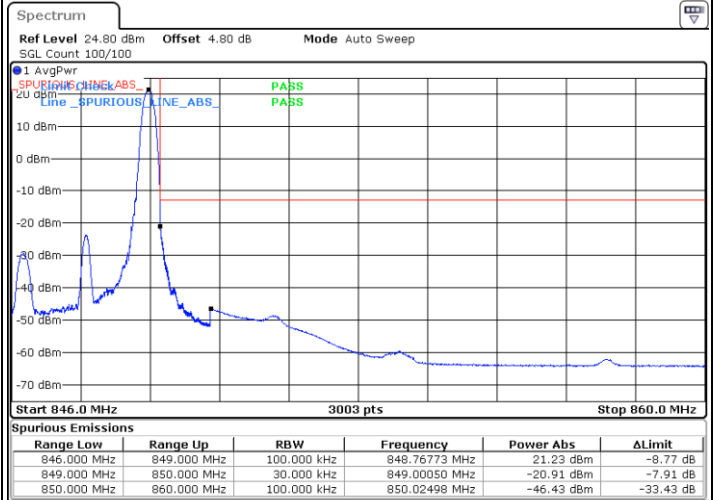


LTE Band 5 / 3MHz / QPSK

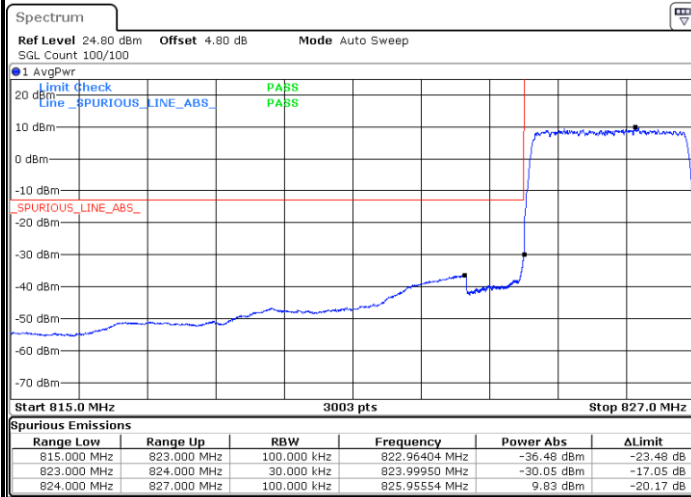
Lowest Band Edge / 1RB



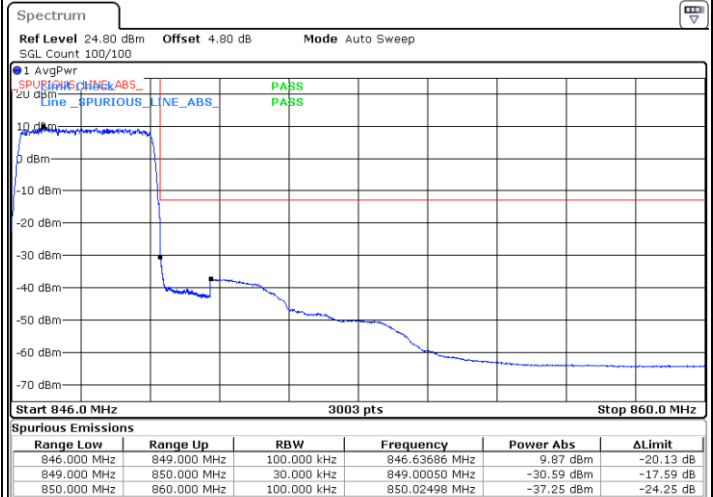
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



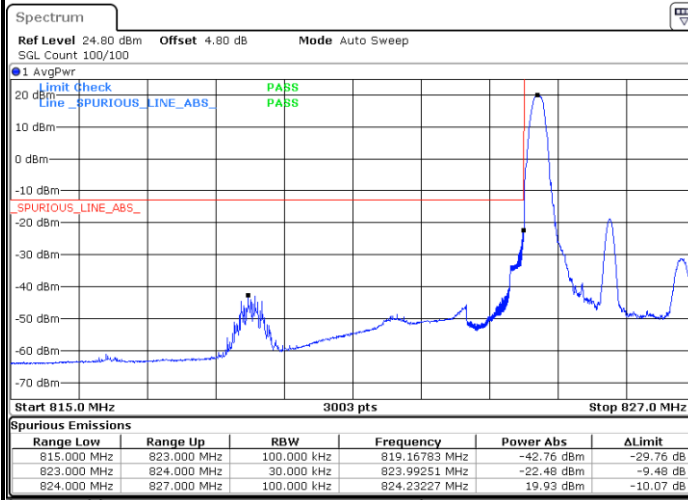
Highest Band Edge / Full RB



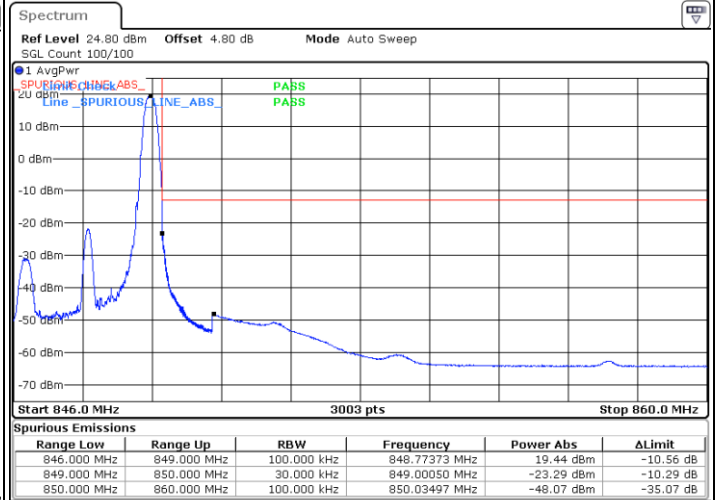


LTE Band 5 / 3MHz / 16QAM

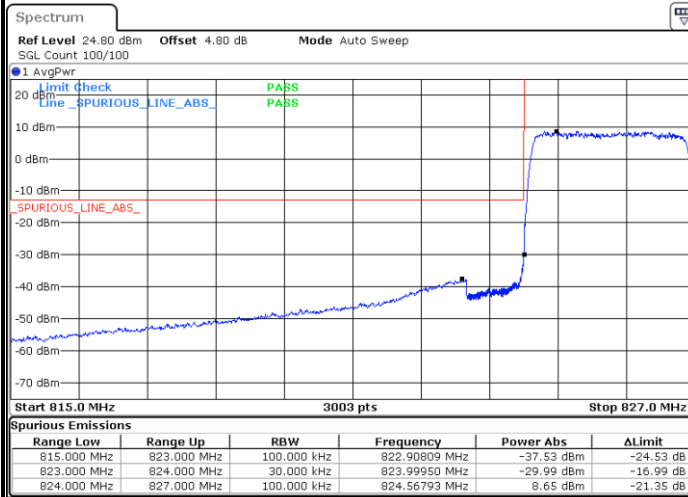
Lowest Band Edge / 1 RB



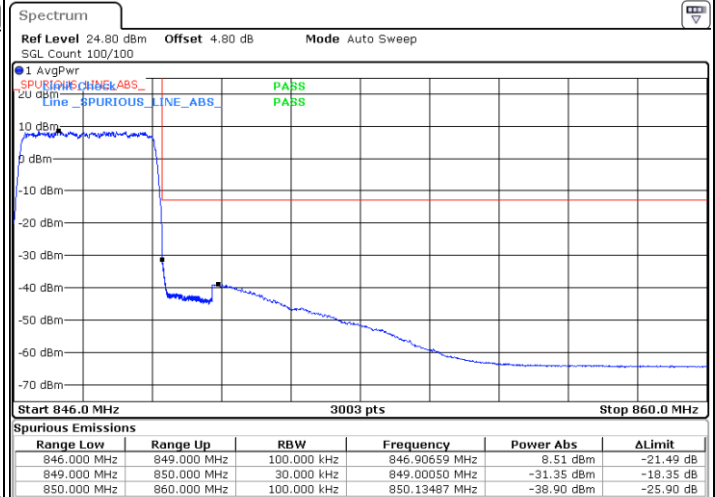
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



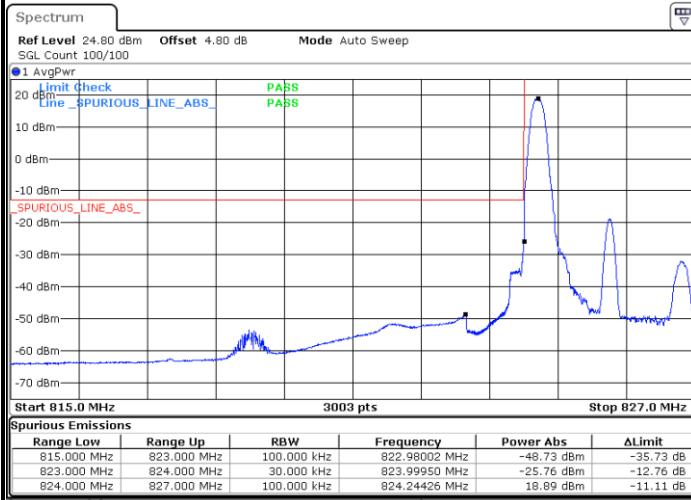
Highest Band Edge / Full RB



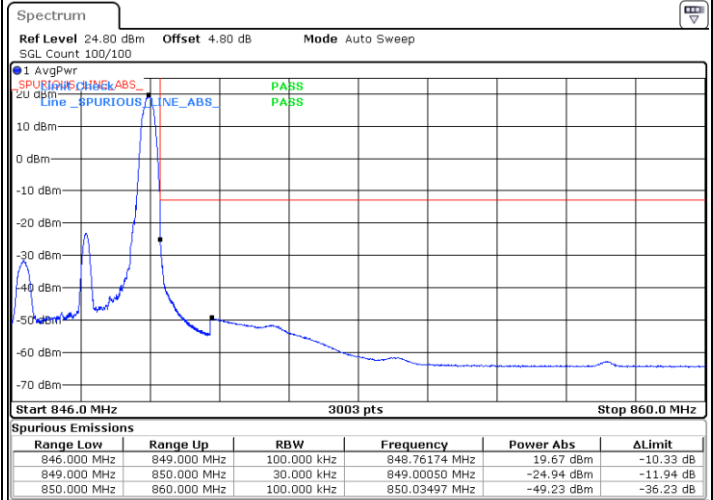


LTE Band 5 / 3MHz / 64QAM

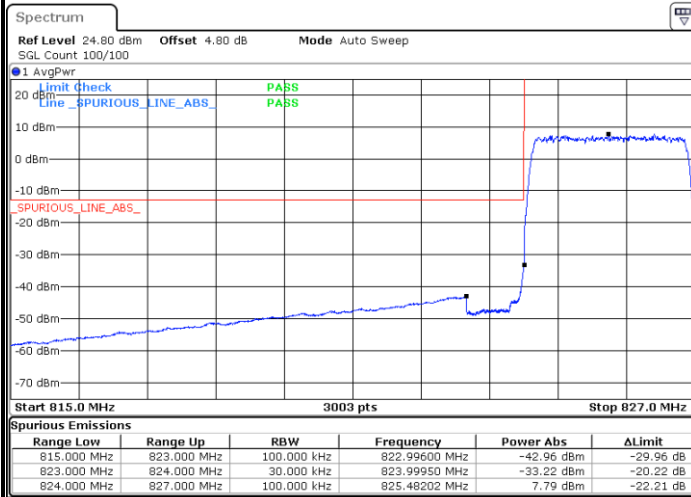
Lowest Band Edge / 1 RB



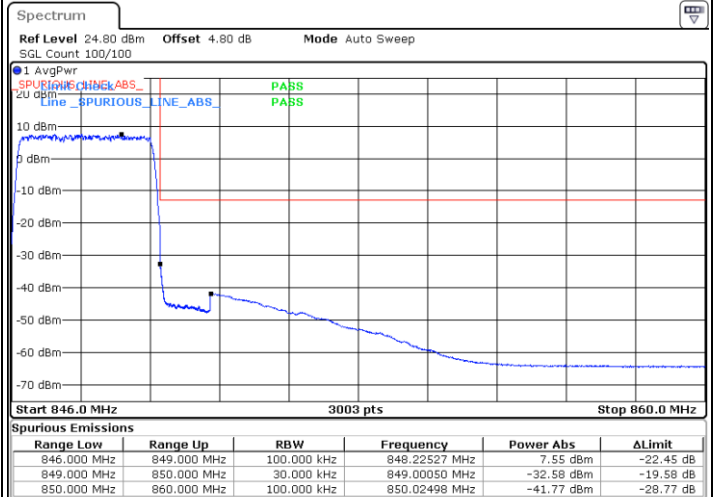
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



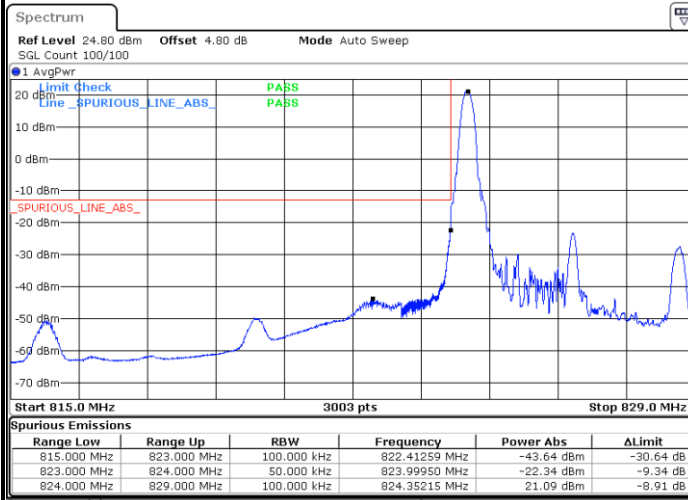
Highest Band Edge / Full RB



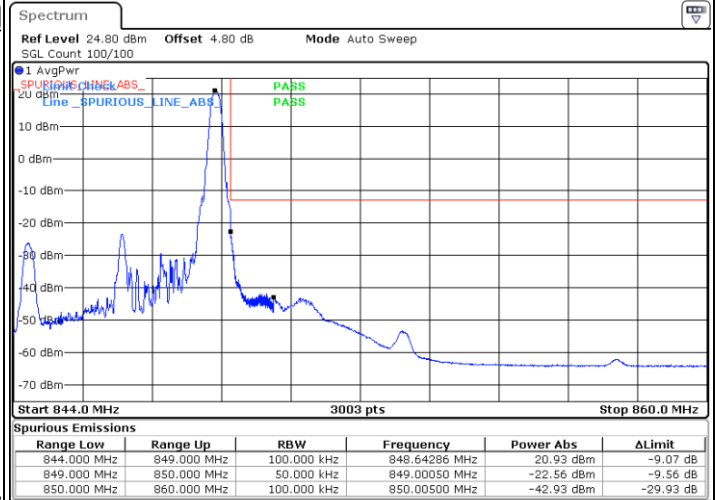


LTE Band 5 / 5MHz / QPSK

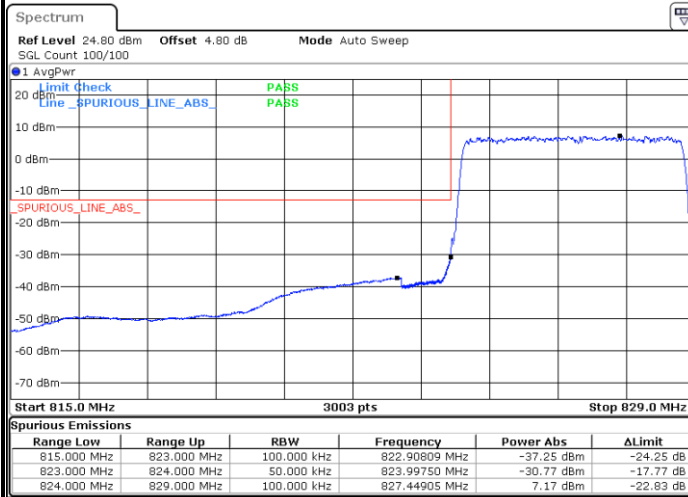
Lowest Band Edge / 1 RB



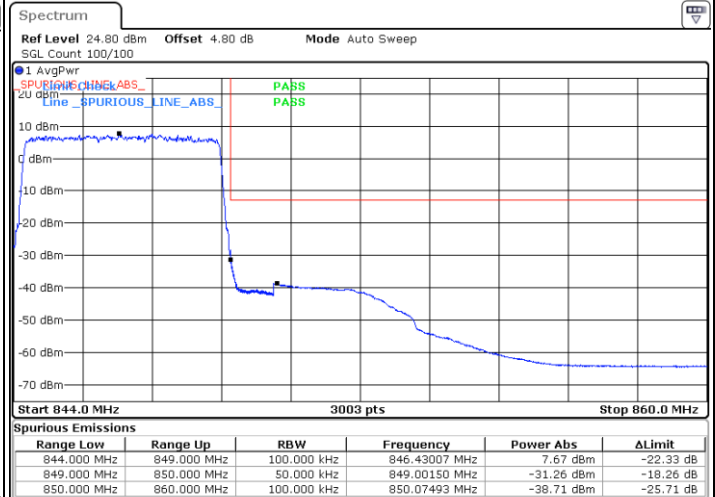
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



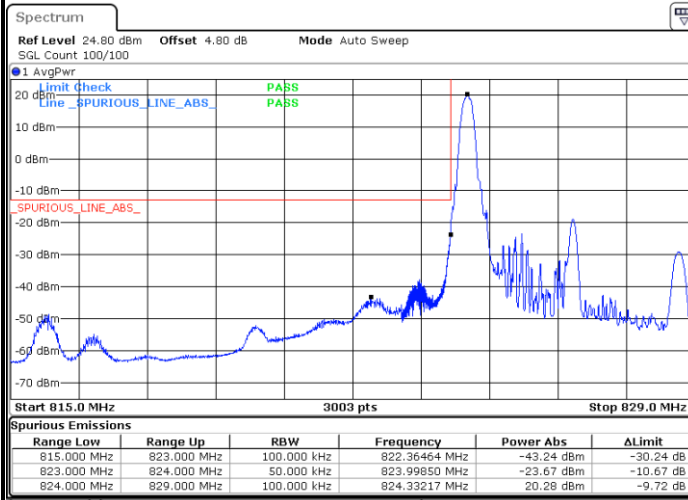
Highest Band Edge / Full RB



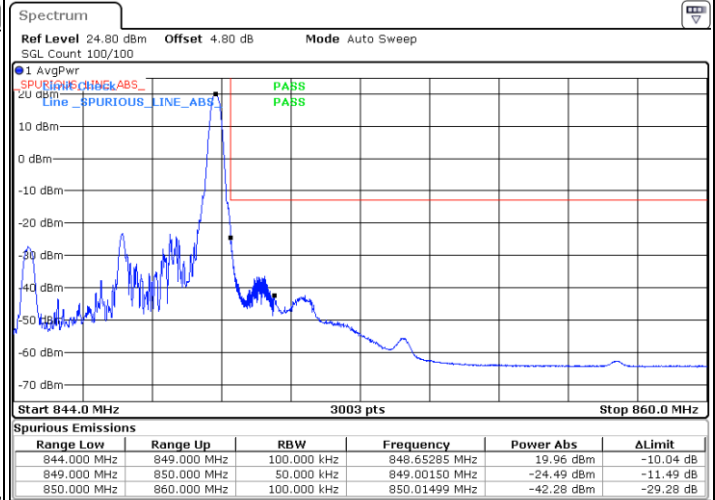


LTE Band 5 / 5MHz / 16QAM

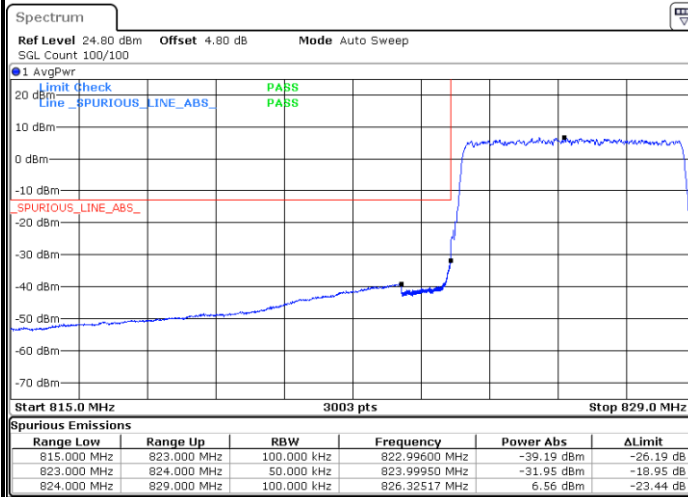
Lowest Band Edge / 1RB



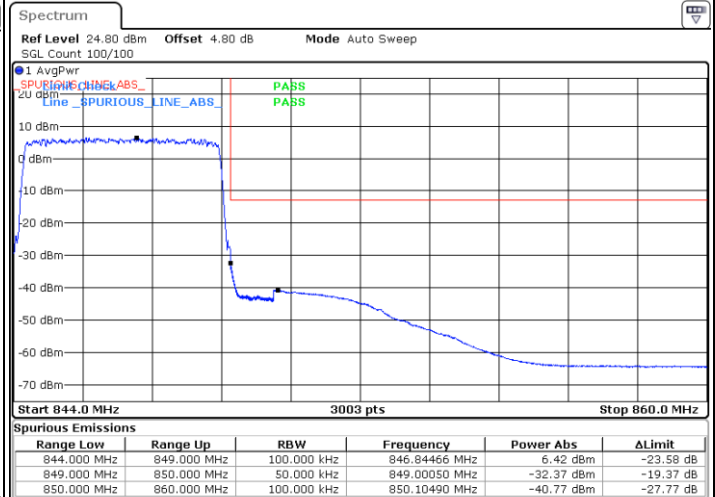
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



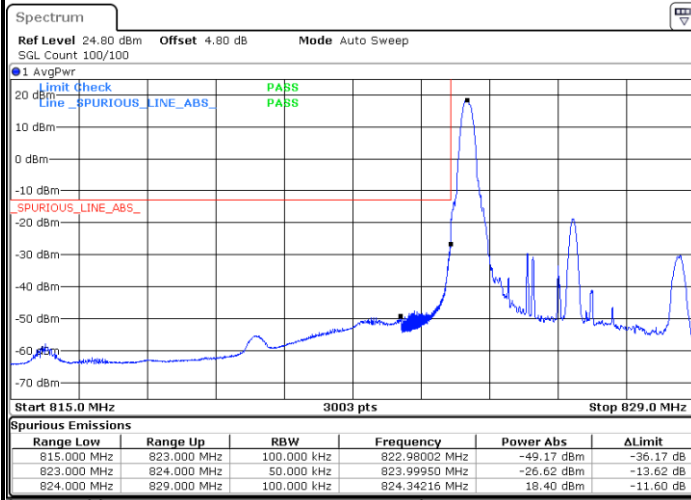
Highest Band Edge / Full RB



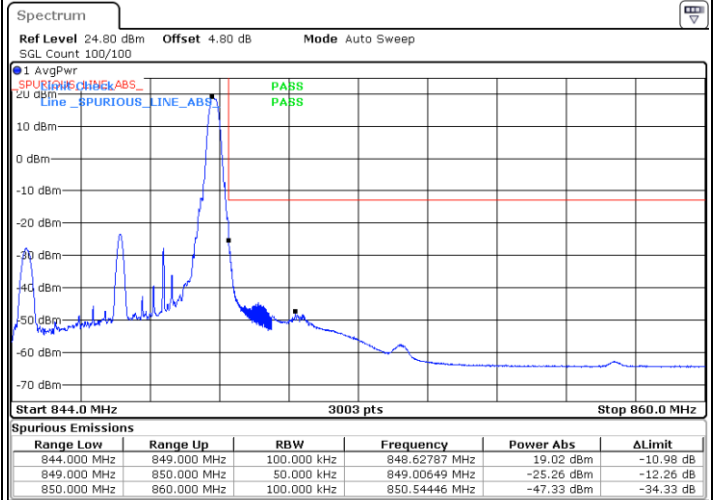


LTE Band 5 / 5MHz / 64QAM

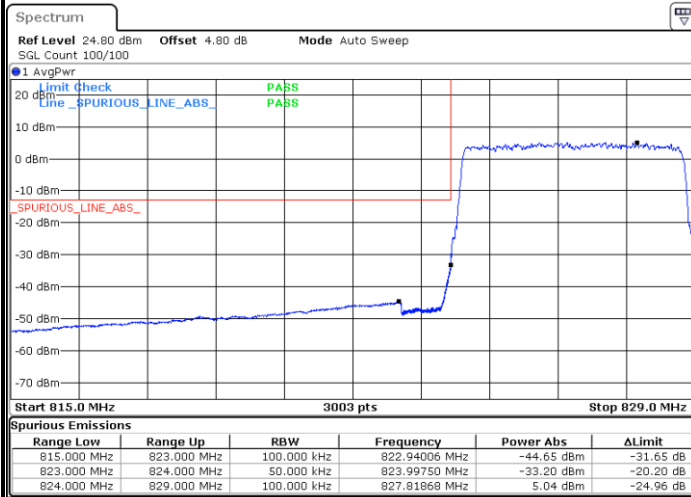
Lowest Band Edge / 1RB



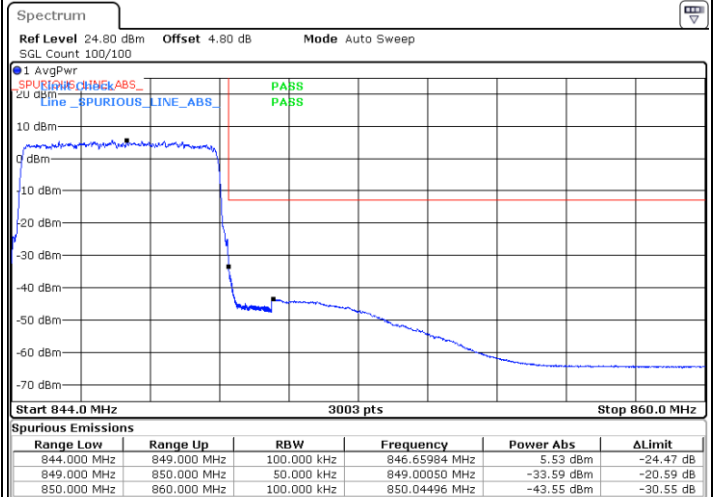
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



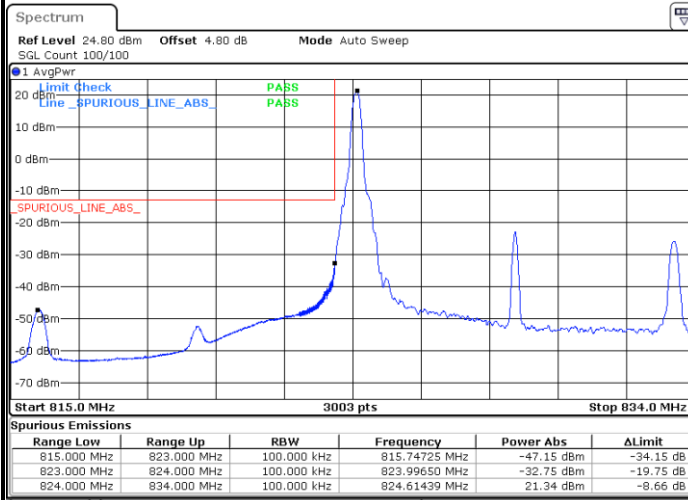
Highest Band Edge / Full RB



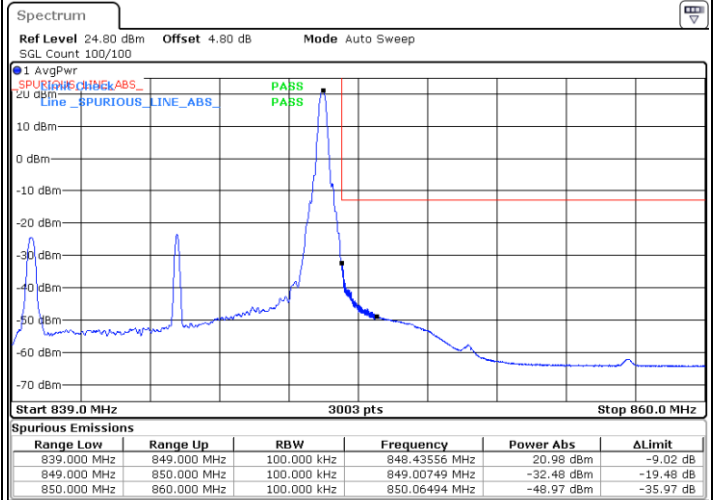


LTE Band 5 / 10MHz / QPSK

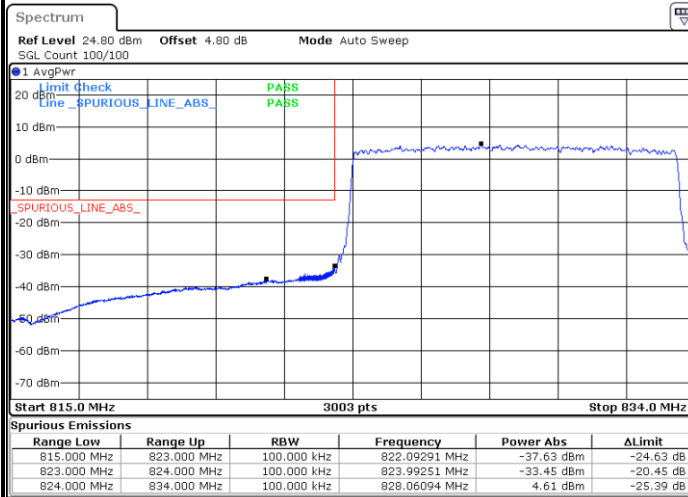
Lowest Band Edge / 1 RB



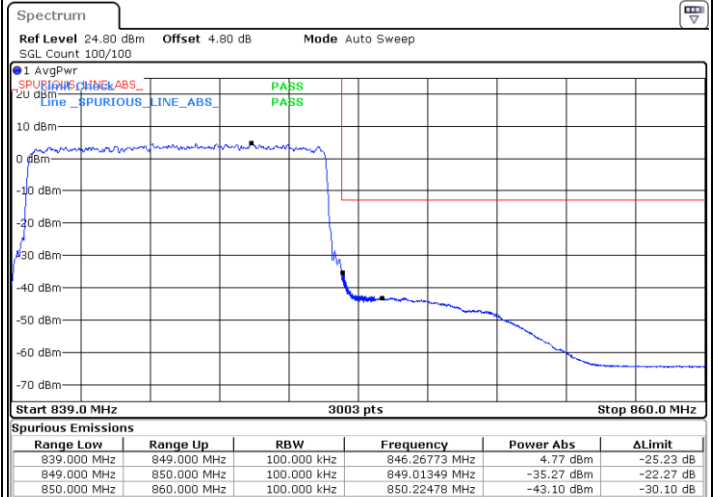
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



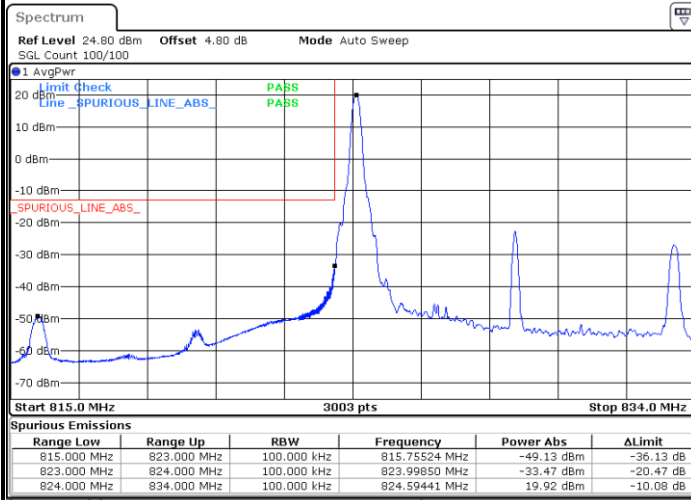
Highest Band Edge / Full RB



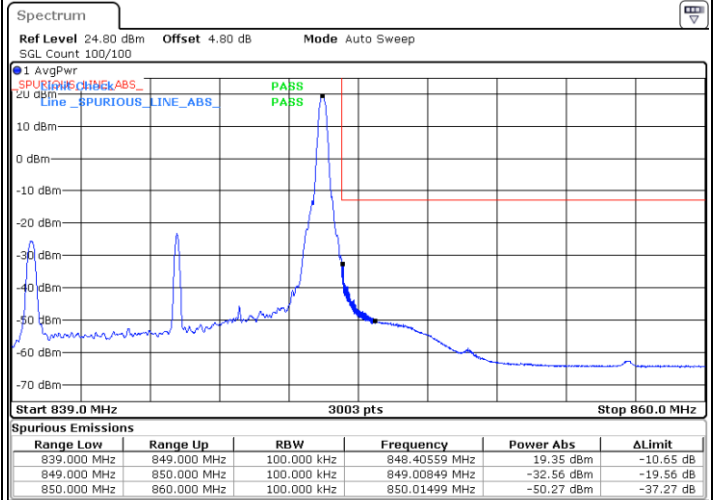


LTE Band 5 / 10MHz / 16QAM

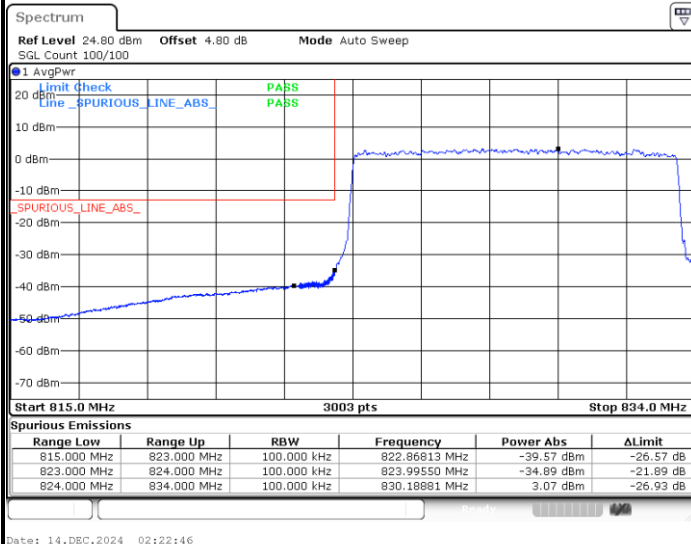
Lowest Band Edge / 1 RB



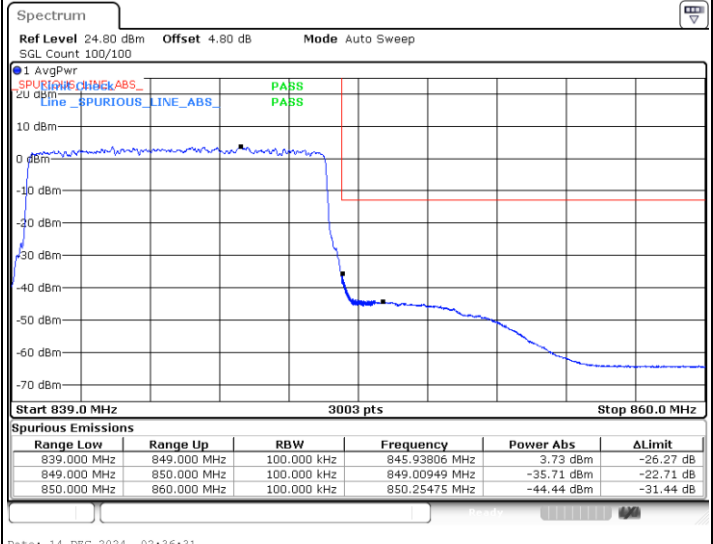
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



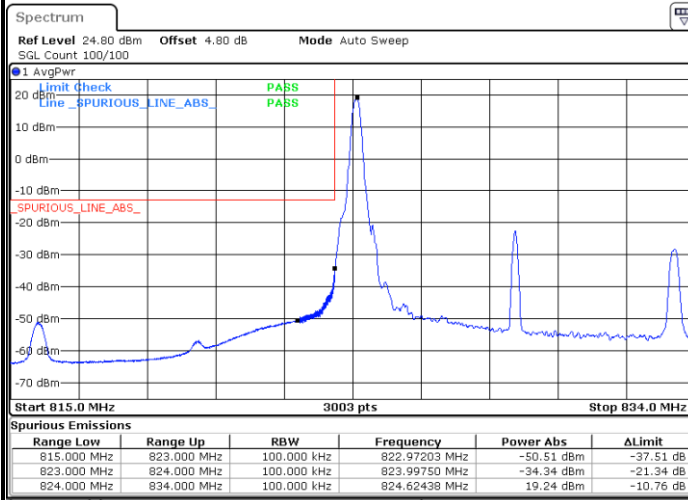
Highest Band Edge / Full RB



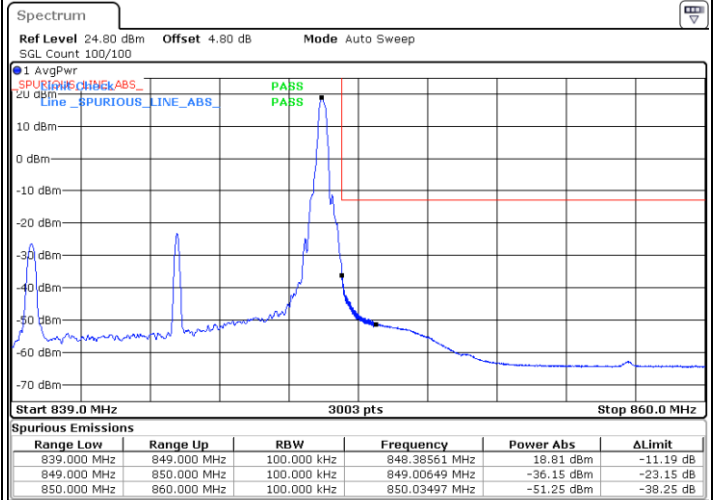


LTE Band 5 / 10MHz / 64QAM

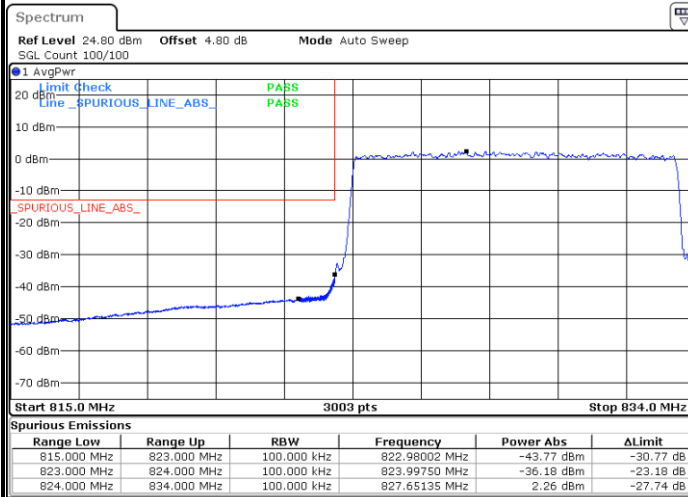
Lowest Band Edge / 1 RB



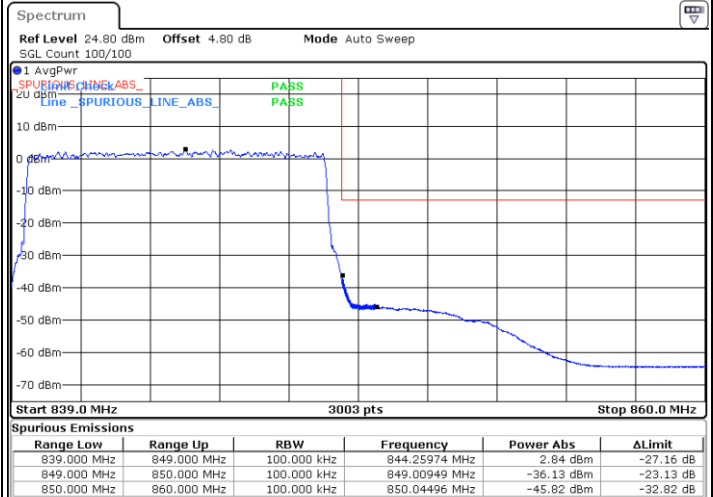
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

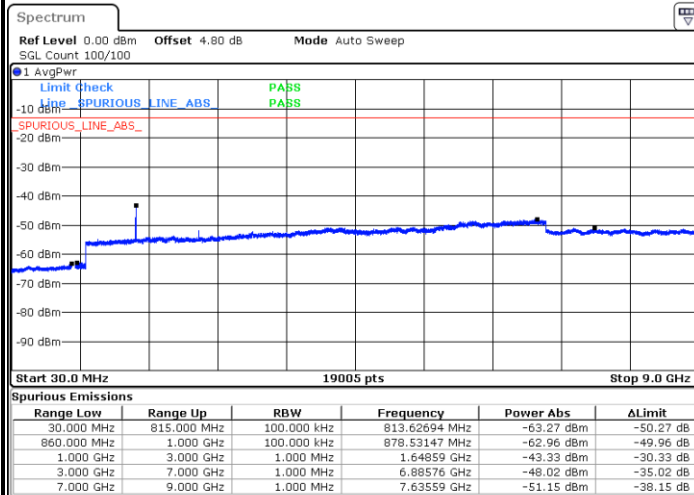




Conducted Spurious Emission

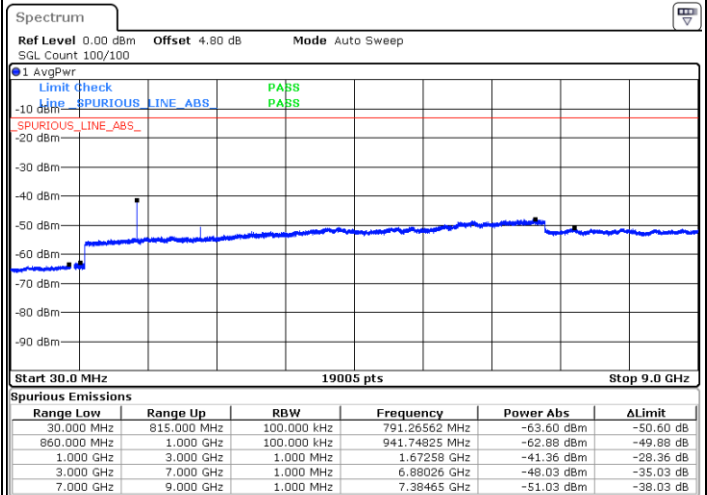
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



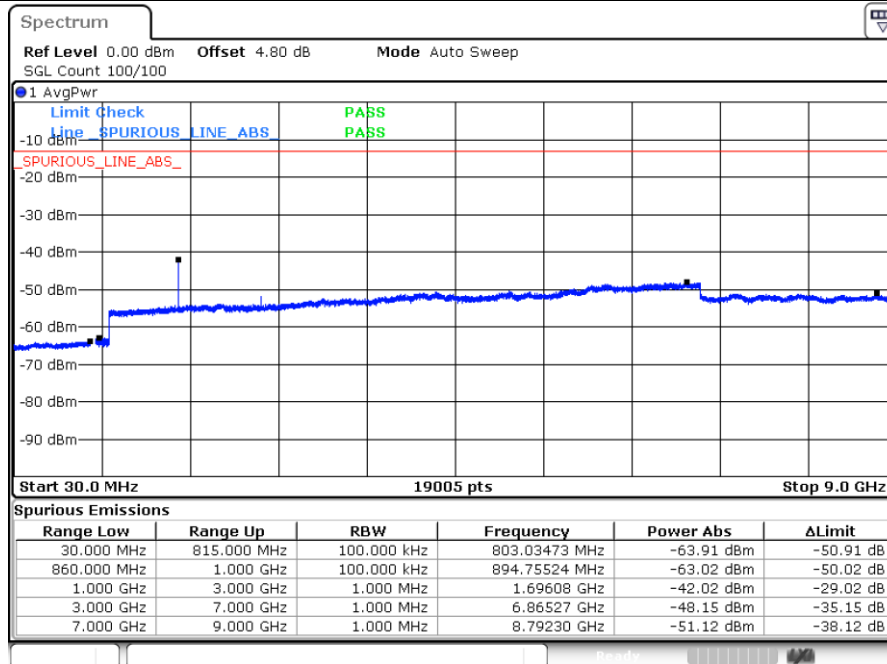
Date: 14.DEC.2024 00:51:39

Middle Channel / QPSK



Date: 14.DEC.2024 01:04:03

Highest Channel / QPSK

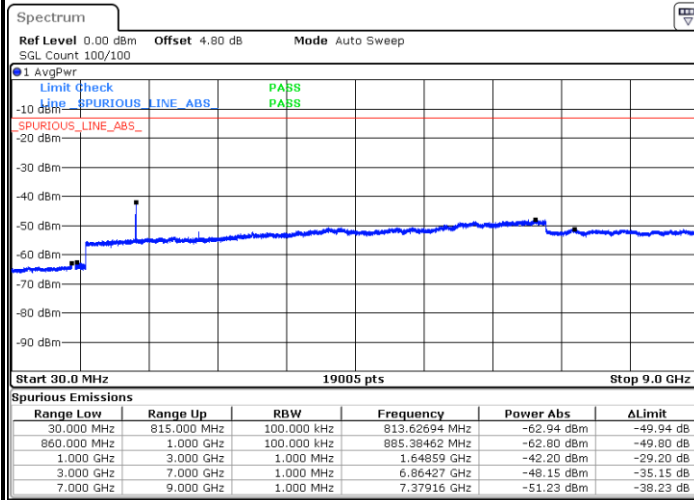


Date: 14.DEC.2024 01:05:25



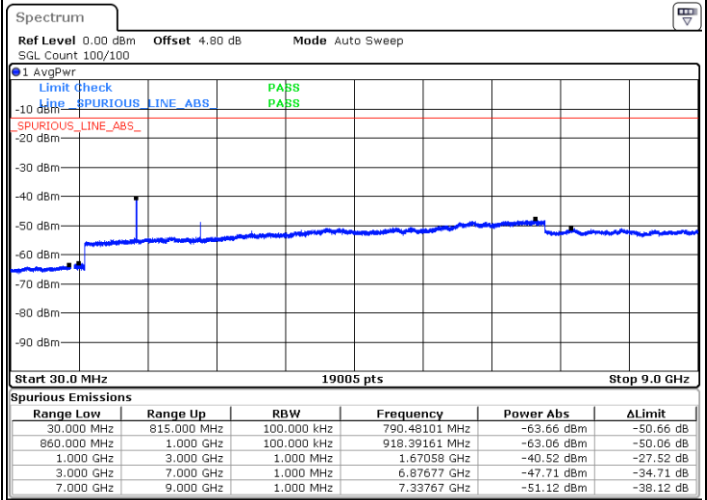
LTE Band 5 / 3MHz

Lowest Channel / QPSK



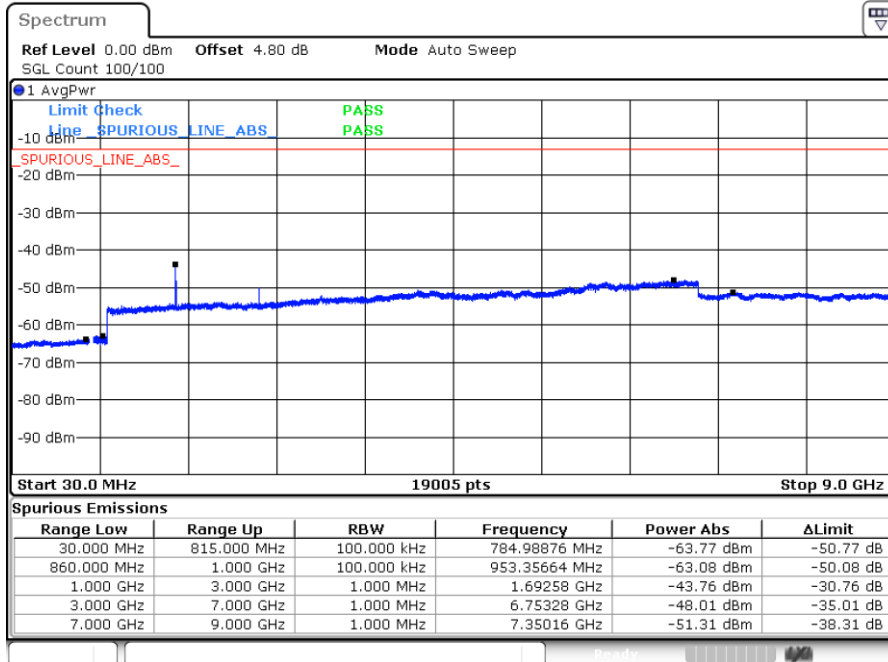
Date: 14.DEC.2024 01:21:12

Middle Channel / QPSK



Date: 14.DEC.2024 01:33:36

Highest Channel / QPSK

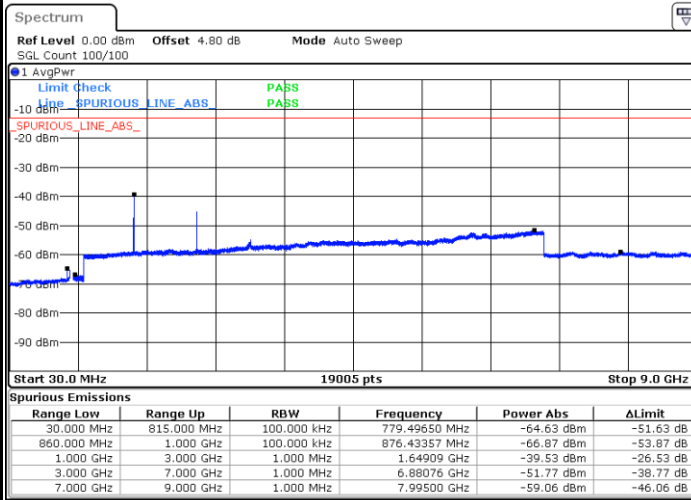


Date: 14.DEC.2024 01:34:59



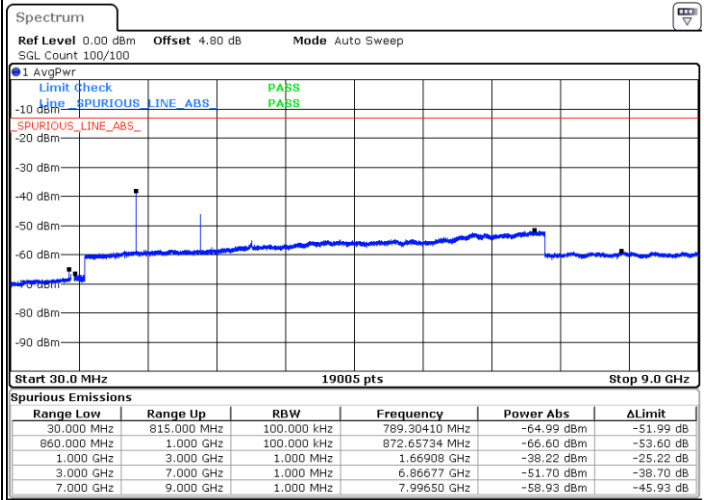
LTE Band 5 / 5MHz

Lowest Channel / QPSK



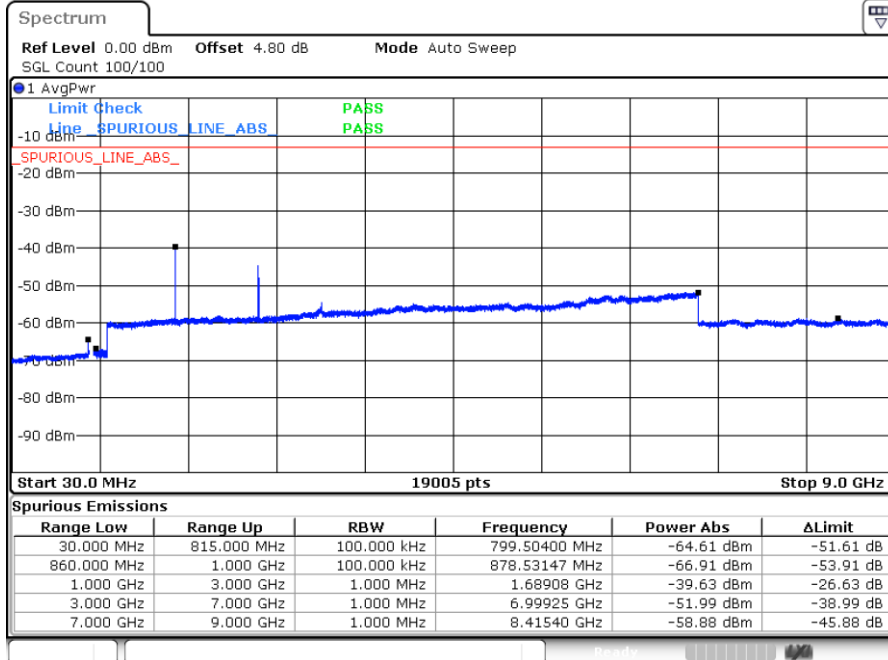
Date: 14.DEC.2024 01:47:25

Middle Channel / QPSK



Date: 14.DEC.2024 01:59:48

Highest Channel / QPSK



Date: 14.DEC.2024 02:01:11