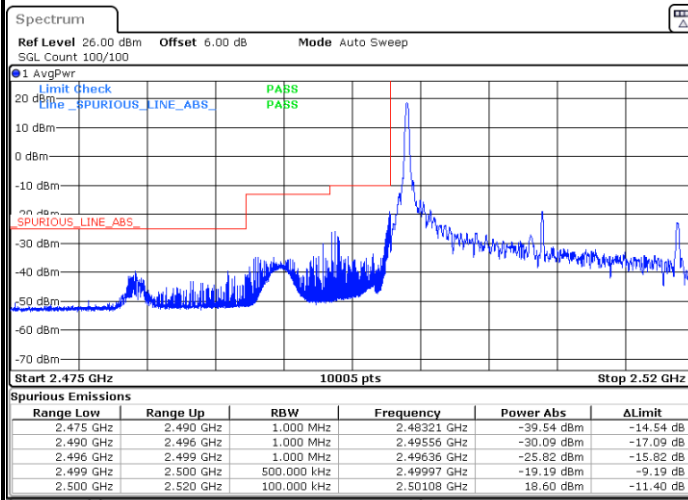


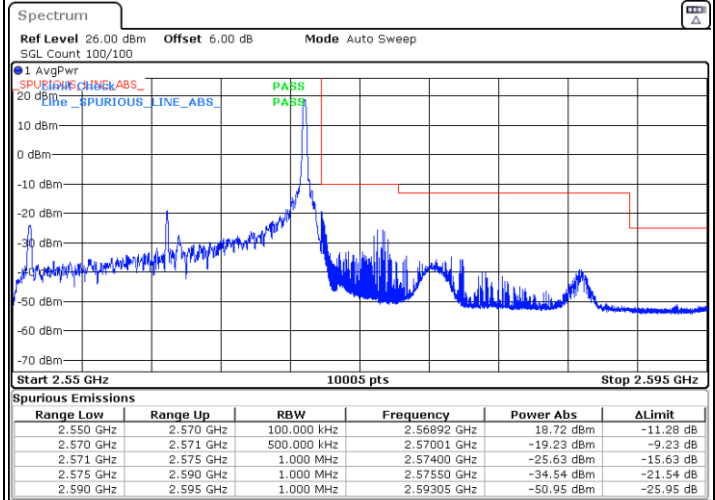


LTE Band 7 / 20MHz / 64QAM

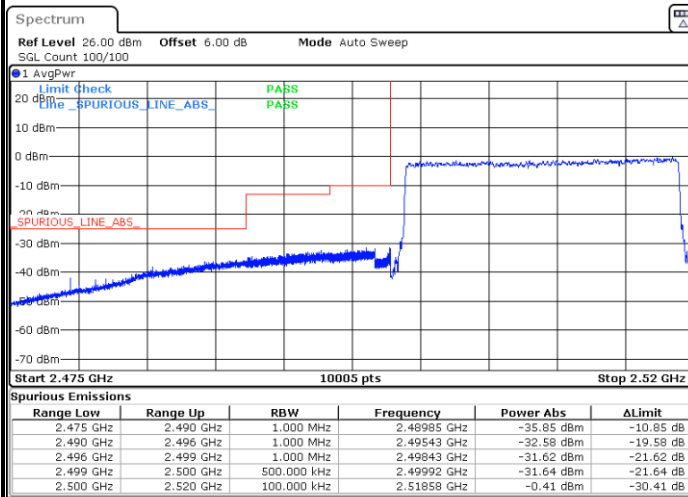
Lowest Band Edge / 1 RB



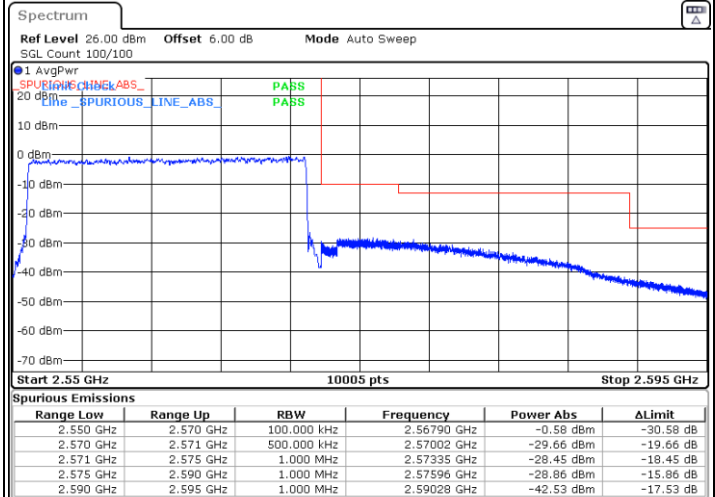
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

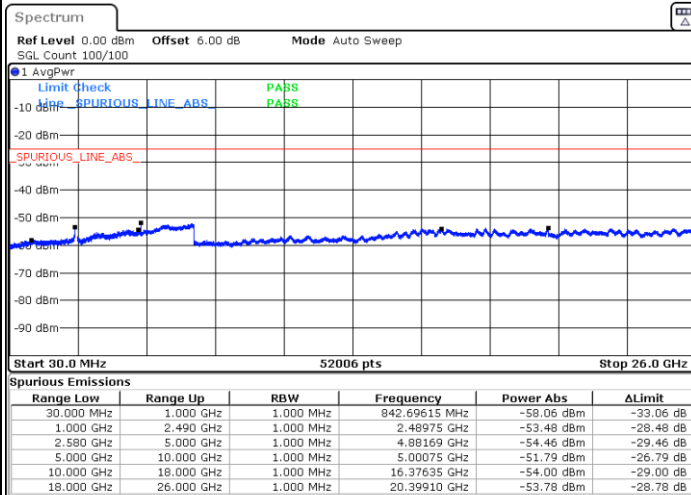




Conducted Spurious Emission

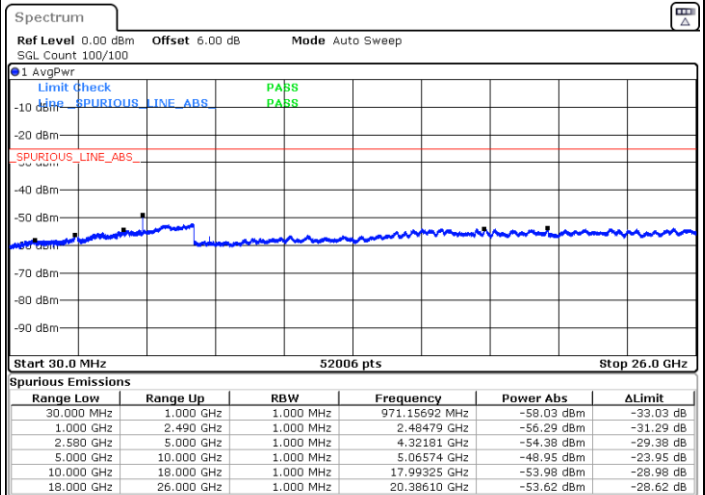
LTE Band 7 / 5MHz

Lowest Channel / QPSK



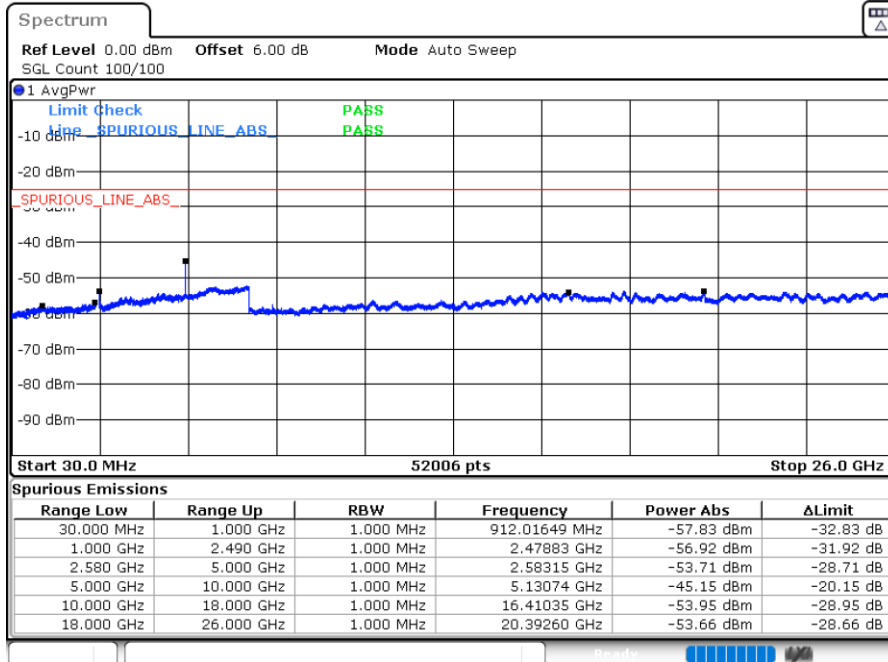
Date: 15.DEC.2024 23:43:37

Middle Channel / QPSK



Date: 15.DEC.2024 23:52:02

Highest Channel / QPSK

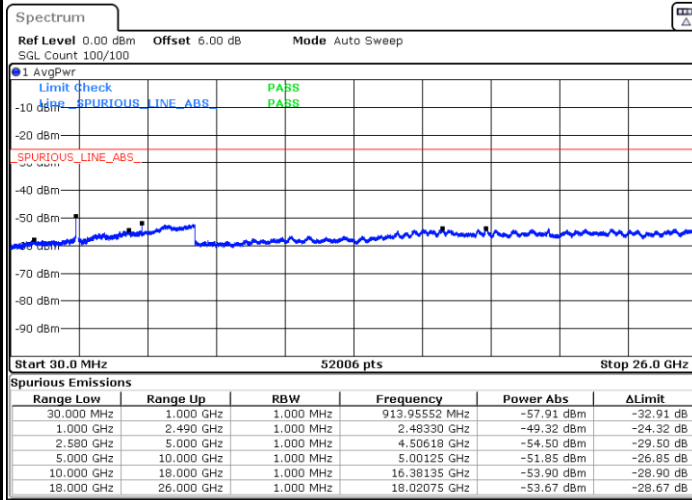


Date: 15.DEC.2024 23:53:21



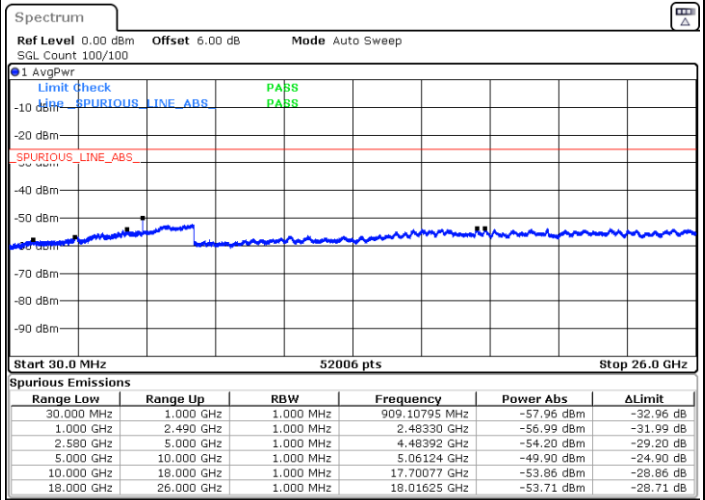
LTE Band 7 / 10MHz

Lowest Channel / QPSK



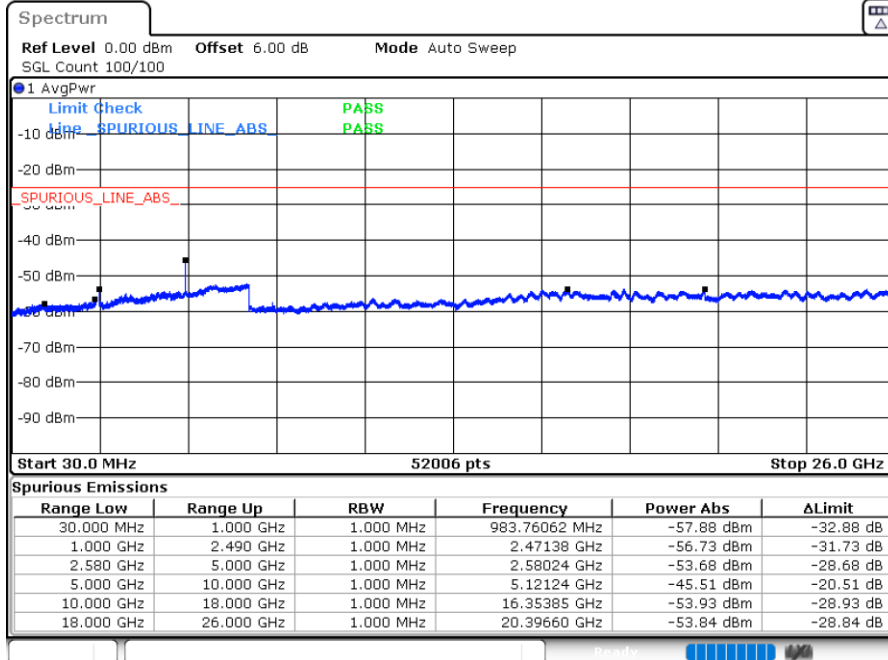
Date: 16.DEC.2024 00:04:45

Middle Channel / QPSK



Date: 16.DEC.2024 00:13:07

Highest Channel / QPSK

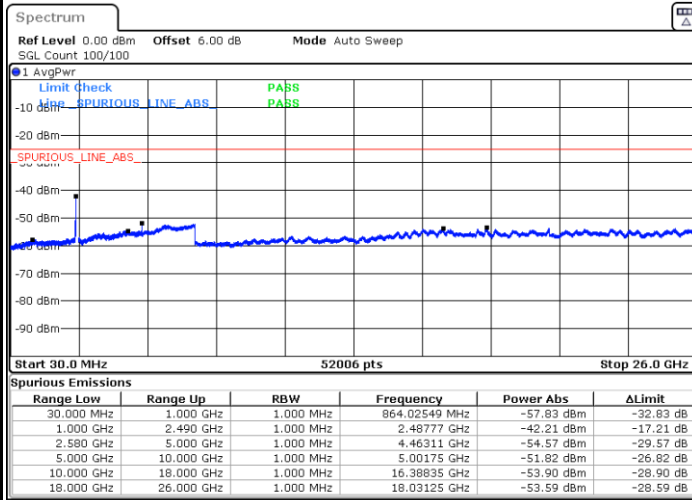


Date: 16.DEC.2024 00:14:27



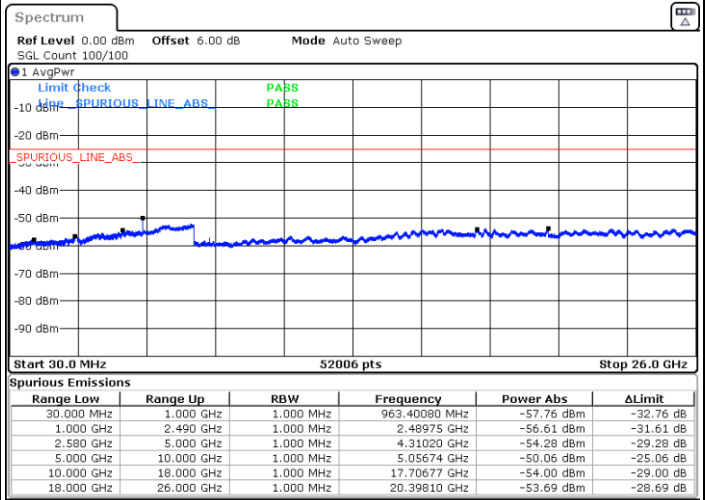
LTE Band 7 / 15MHz

Lowest Channel / QPSK



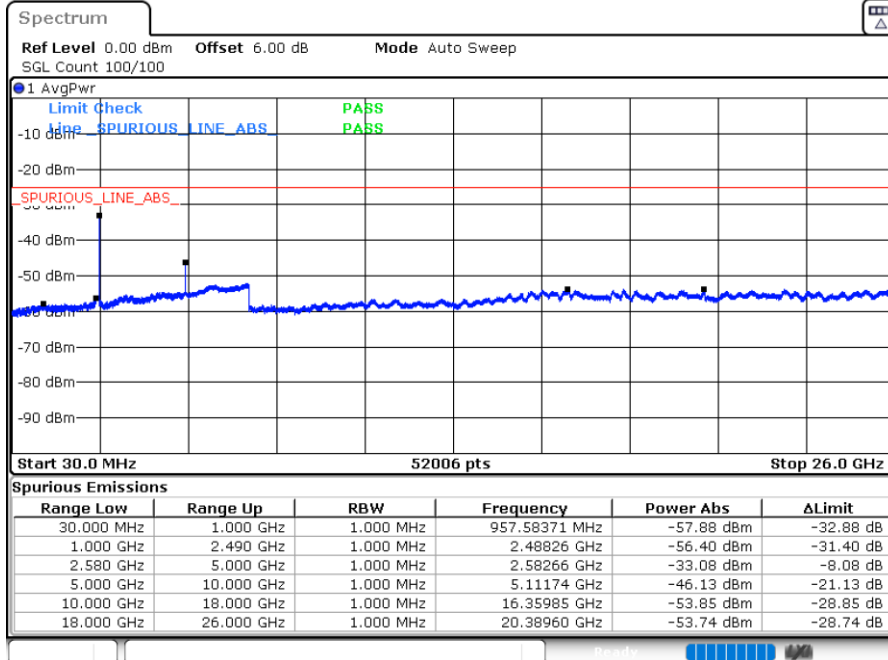
Date: 16.DEC.2024 00:24:19

Middle Channel / QPSK



Date: 16.DEC.2024 00:32:42

Highest Channel / QPSK

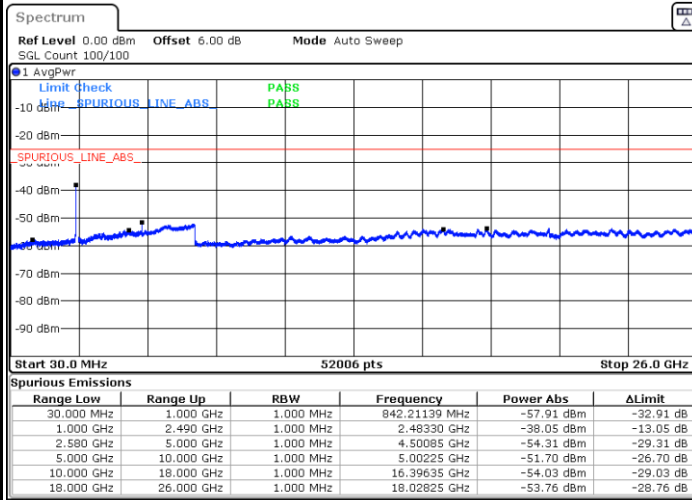


Date: 16.DEC.2024 00:34:01



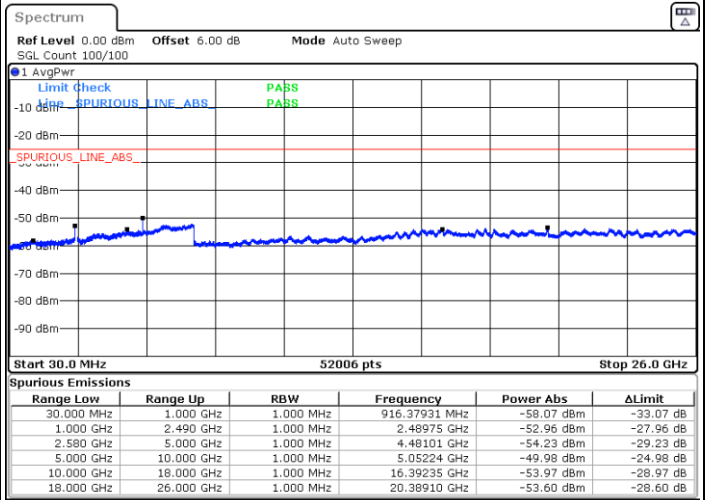
LTE Band 7 / 20MHz

Lowest Channel / QPSK



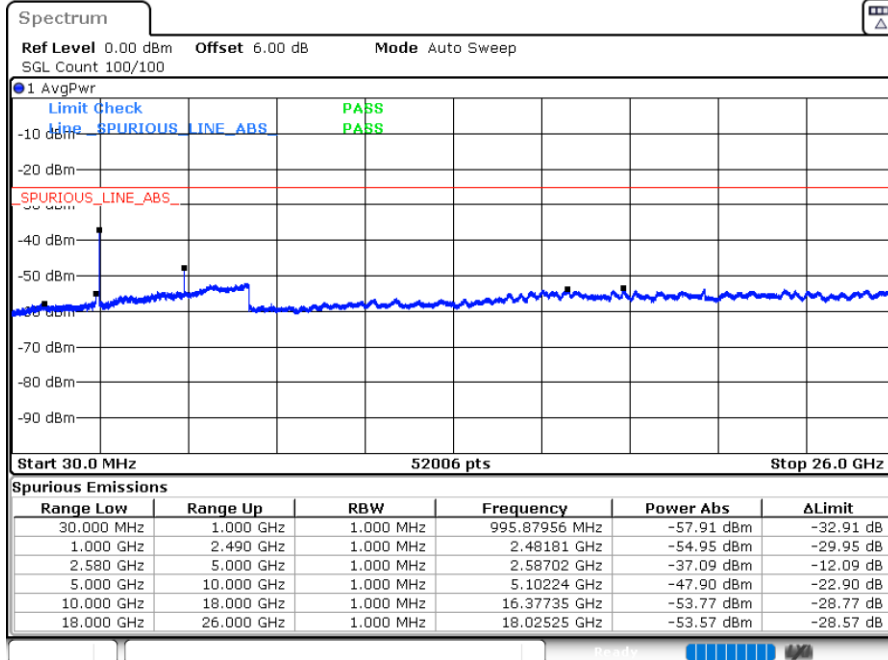
Date: 16.DEC.2024 00:42:26

Middle Channel / QPSK



Date: 16.DEC.2024 00:50:49

Highest Channel / QPSK



Date: 16.DEC.2024 00:52:08

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	0.0011	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0021	

Note:

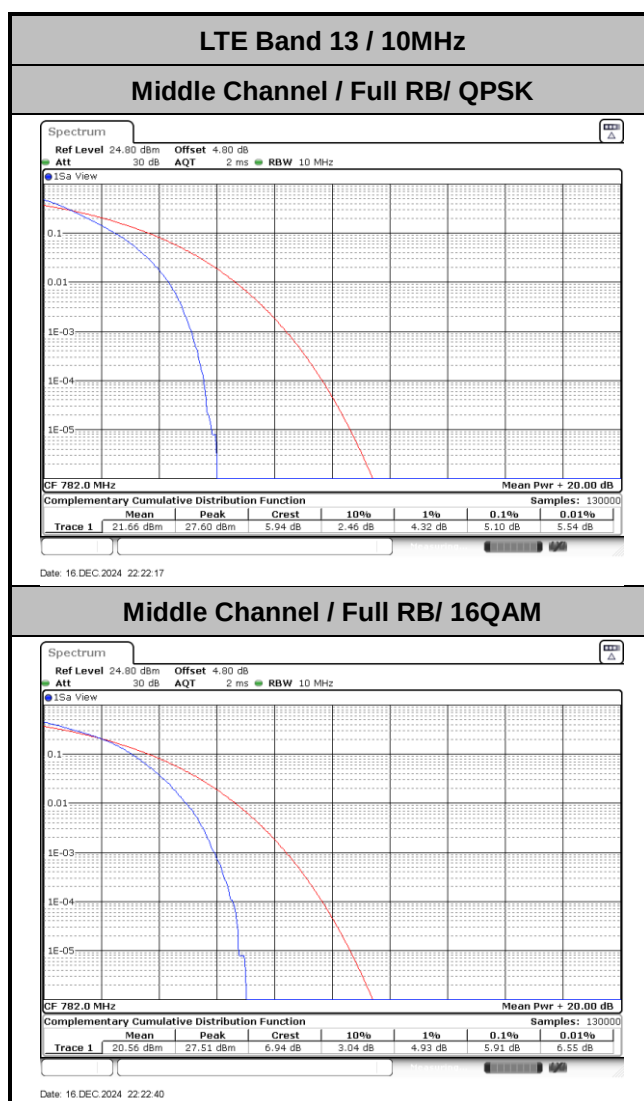
1. Normal Voltage =3.84V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

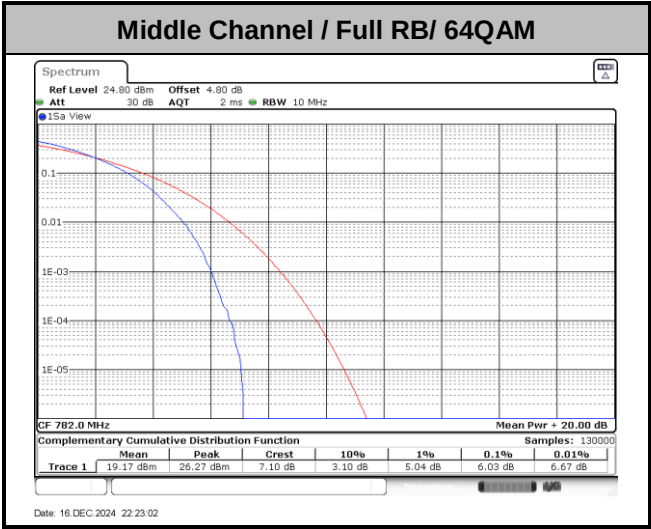


LTE Band 13

Peak-to-Average Ratio

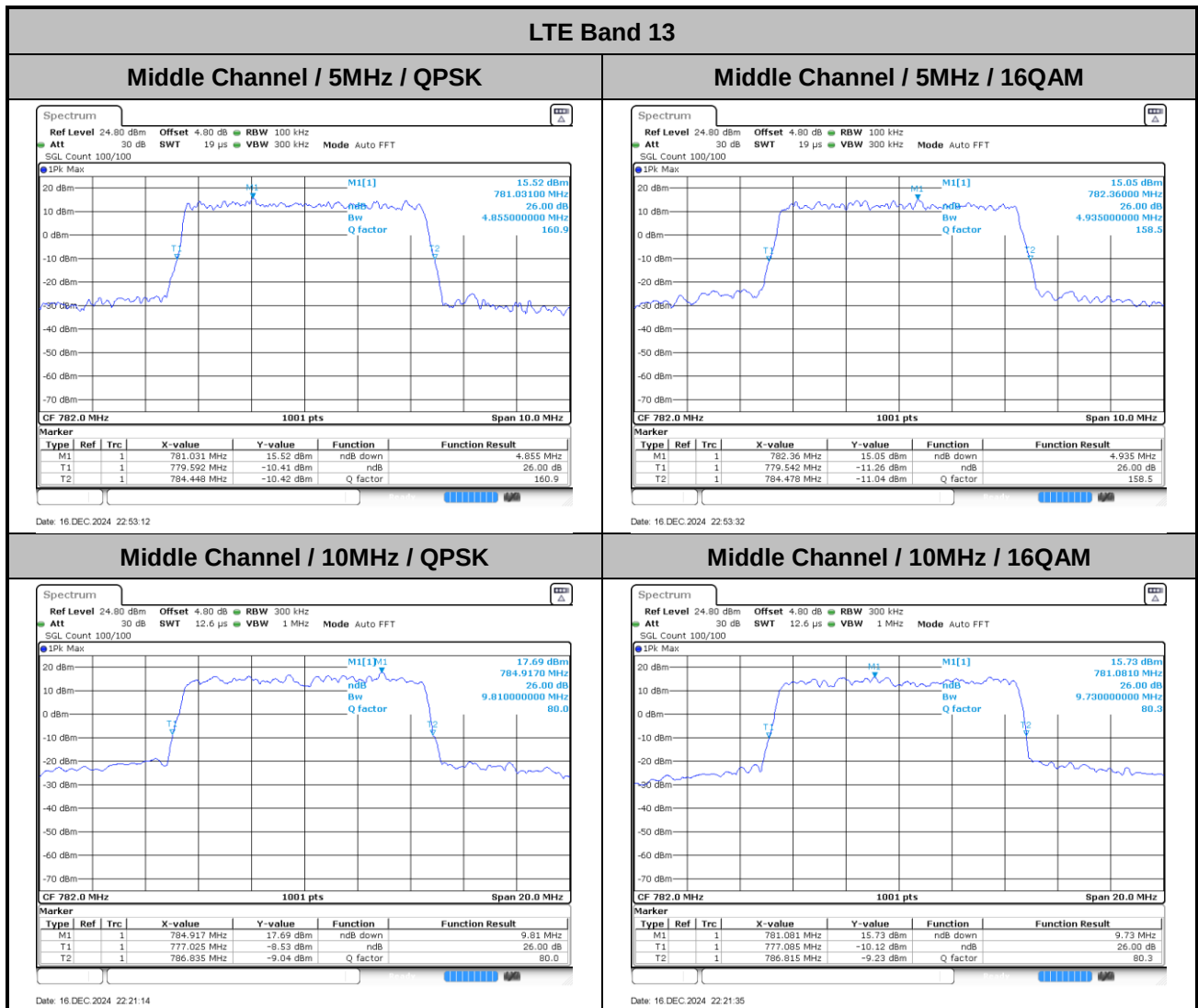
Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.10	5.91	6.03	PASS





**26dB Bandwidth**

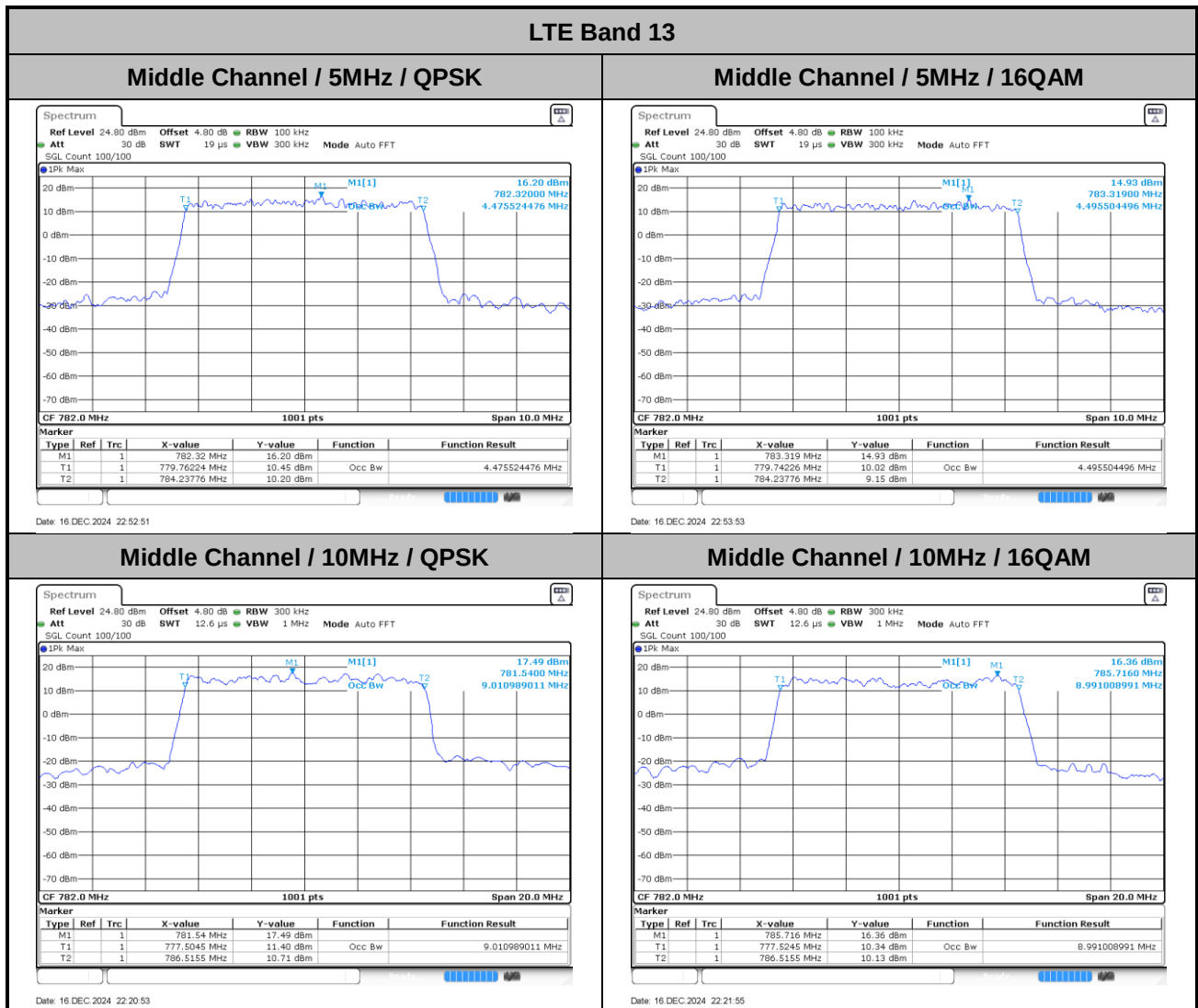
Mode	LTE Band 13 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.86	4.94
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.81	9.73

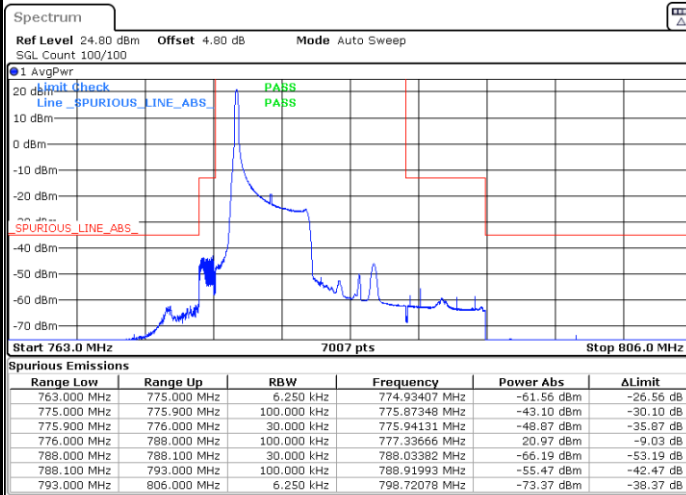
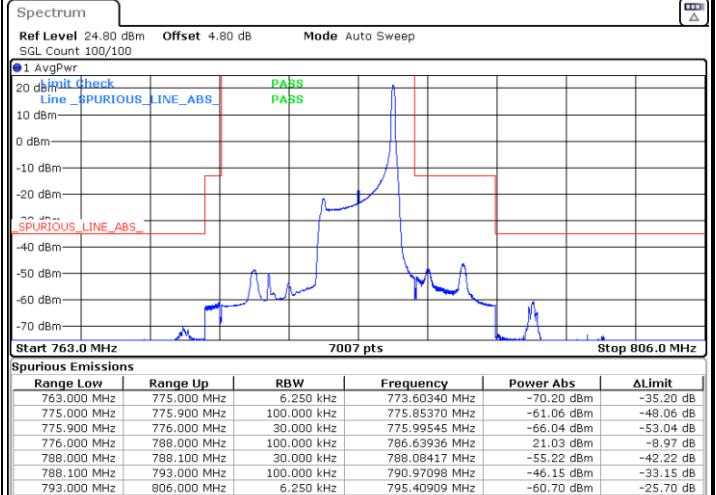
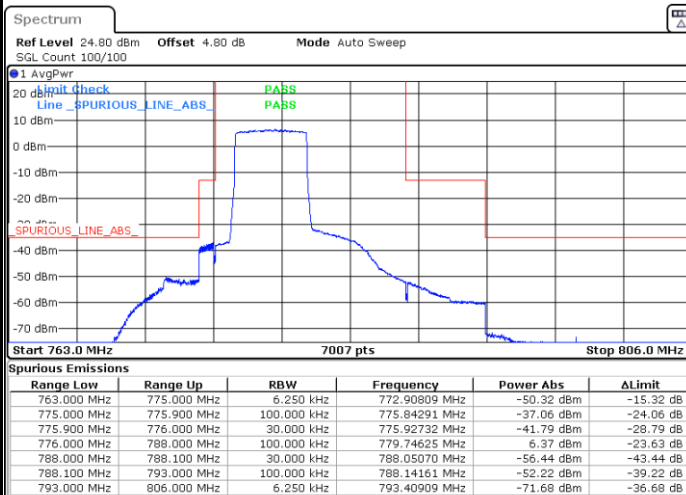
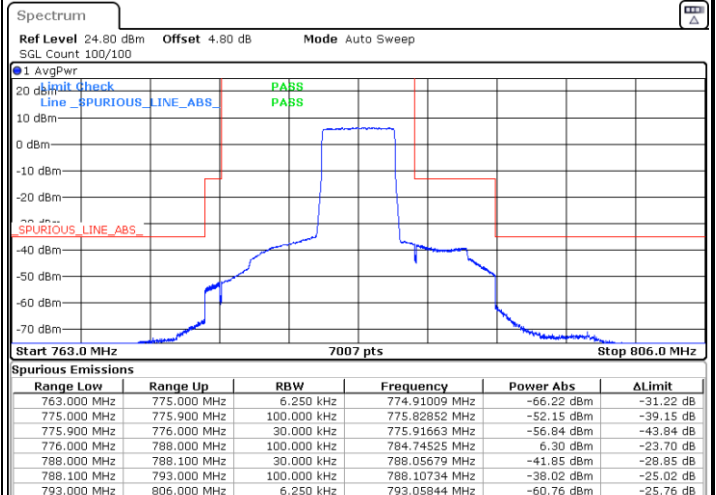




Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	8.99

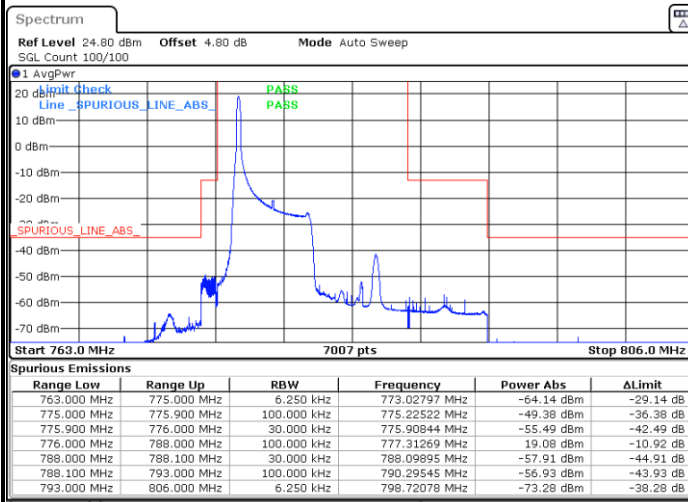


**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

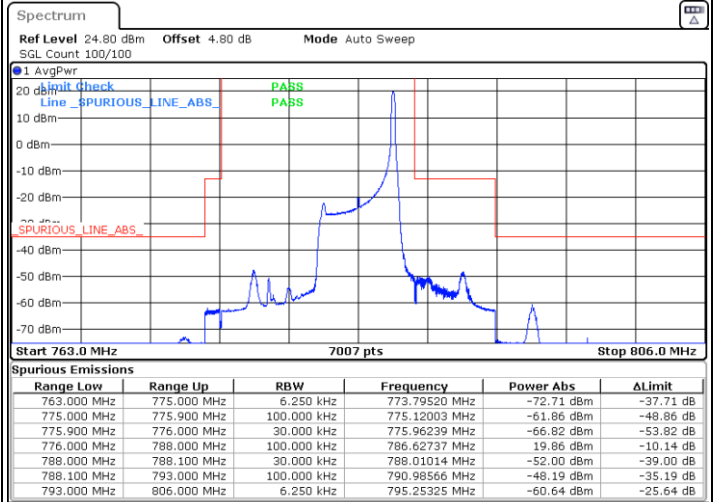


LTE Band 13 / 5MHz / 16QAM

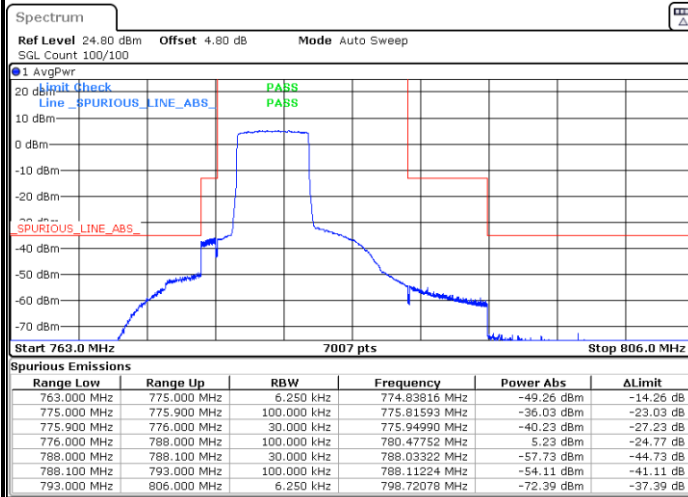
Lowest Band Edge / 1RB



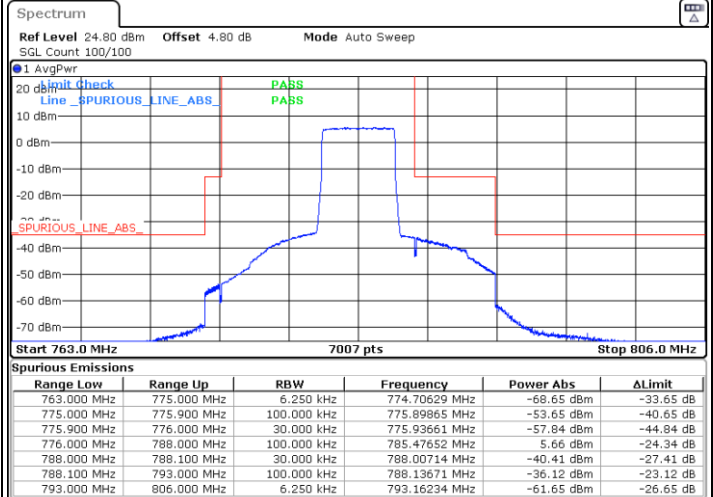
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



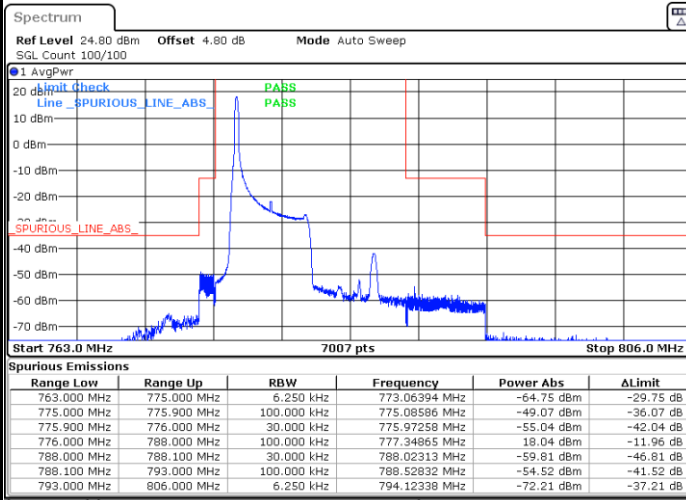
Highest Band Edge / Full RB



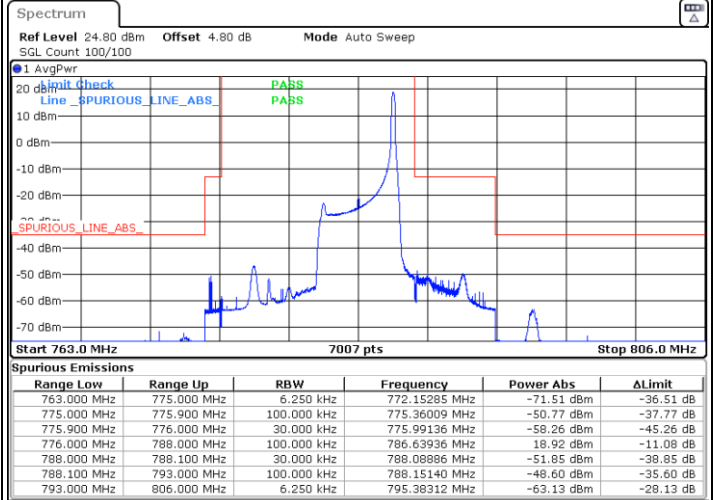


LTE Band 13 / 5MHz / 64QAM

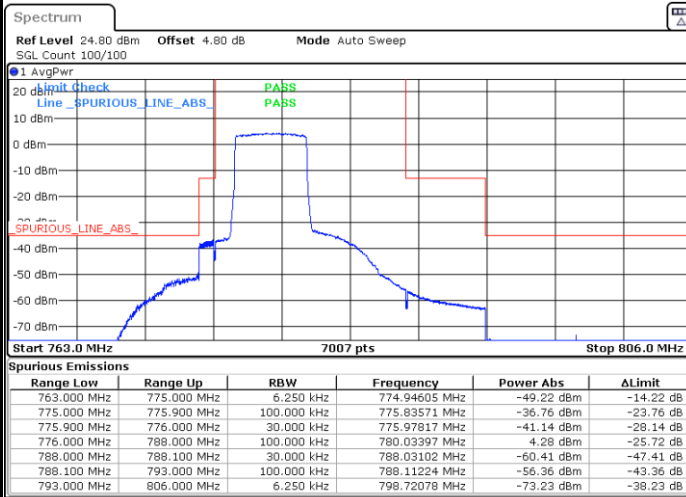
Lowest Band Edge / 1RB



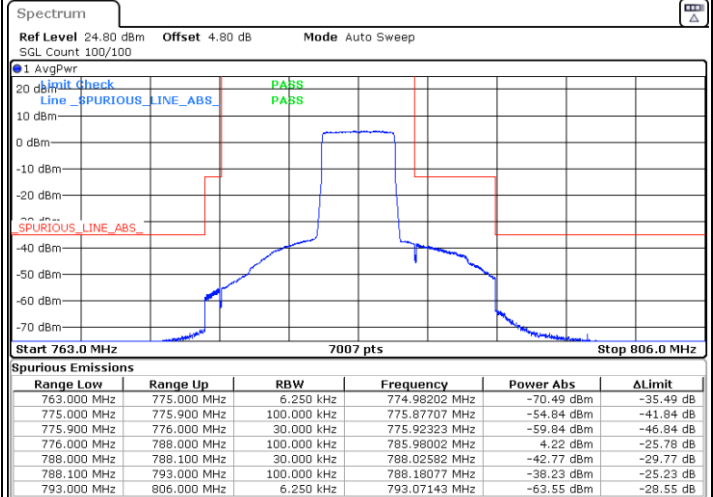
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



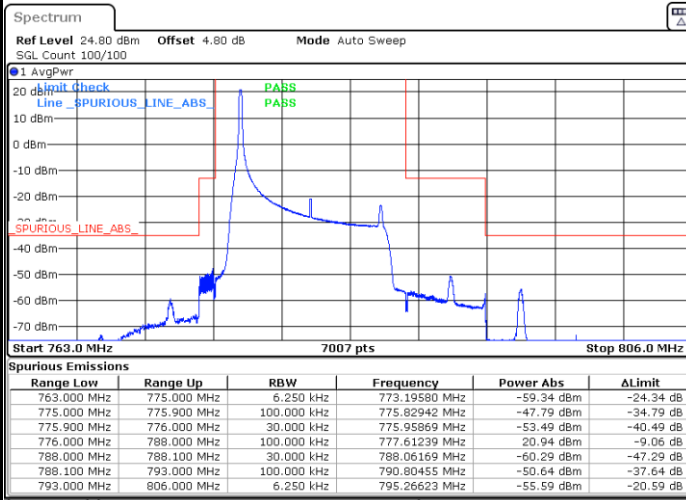
Highest Band Edge / Full RB





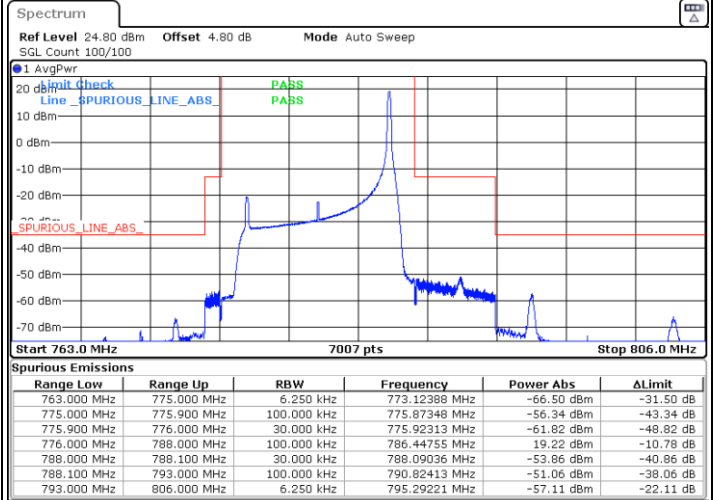
LTE Band 13 / 10MHz / QPSK

middle Band Edge / 1 RB



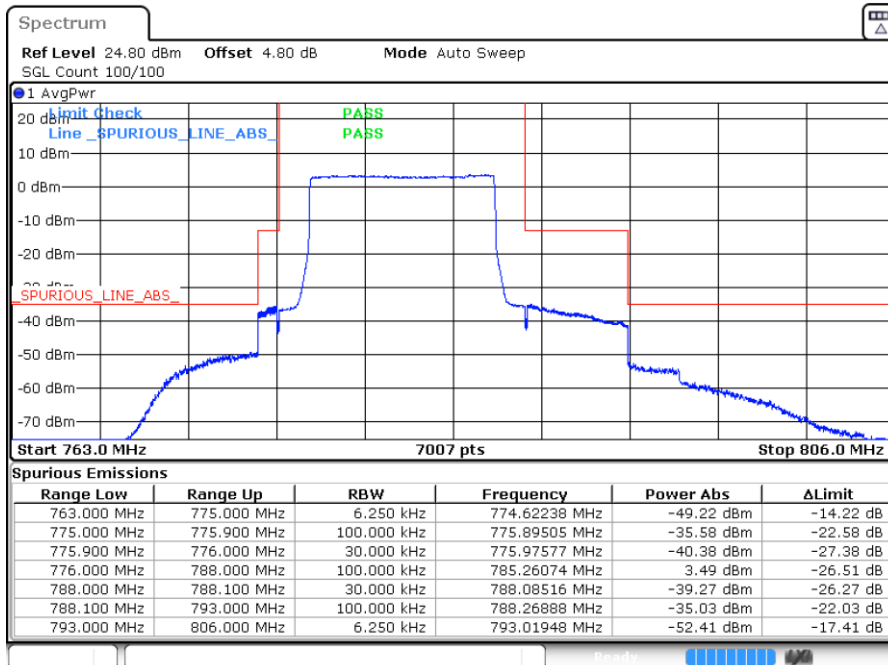
Date: 16 DEC 2024 22:05:58

middle Band Edge / 1 RB



Date: 16 DEC 2024 23:05:36

Middle Band Edge / Full RB

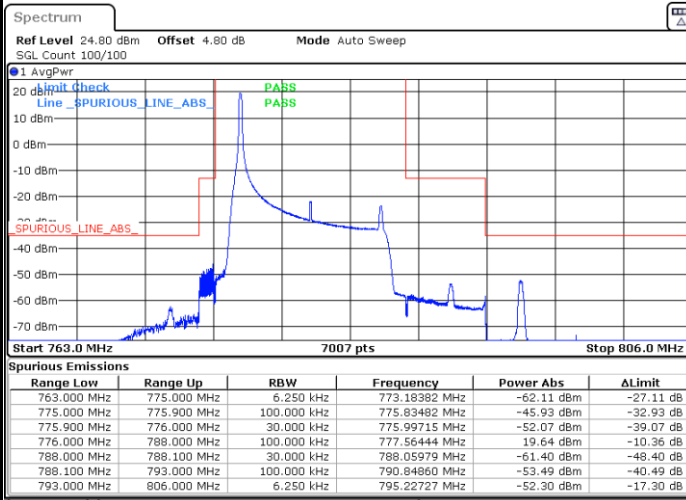


Date: 16 DEC 2024 22:15:05



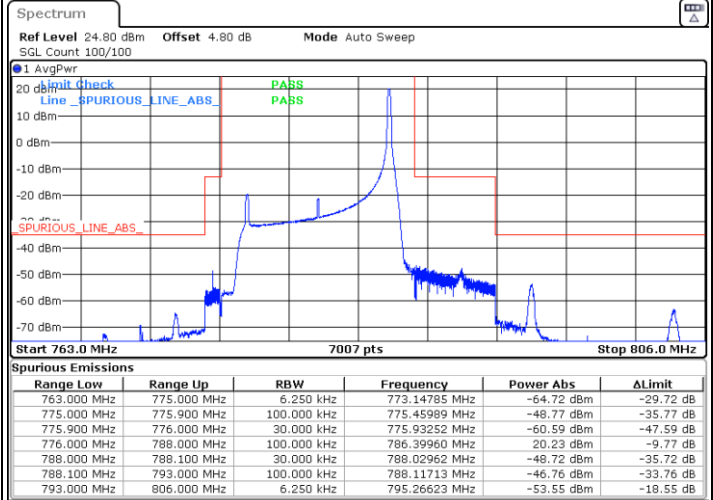
LTE Band 13 / 10MHz / 16QAM

middle Band Edge / 1 RB



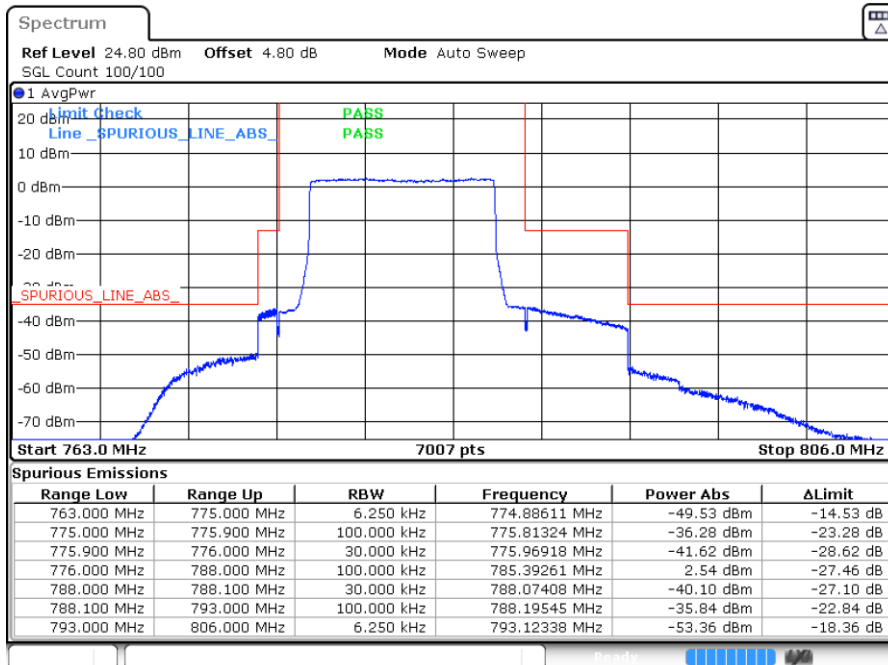
Date: 16 DEC 2024 22:07:47

middle Band Edge / 1 RB



Date: 16 DEC 2024 22:18:43

middle Band Edge / Full RB

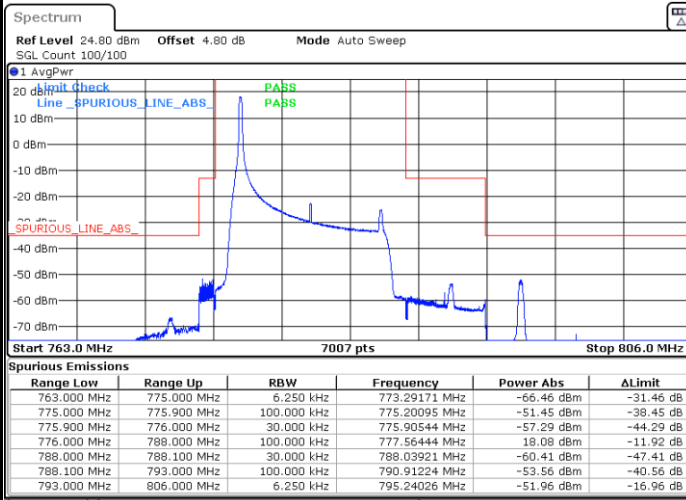


Date: 16 DEC 2024 22:13:15



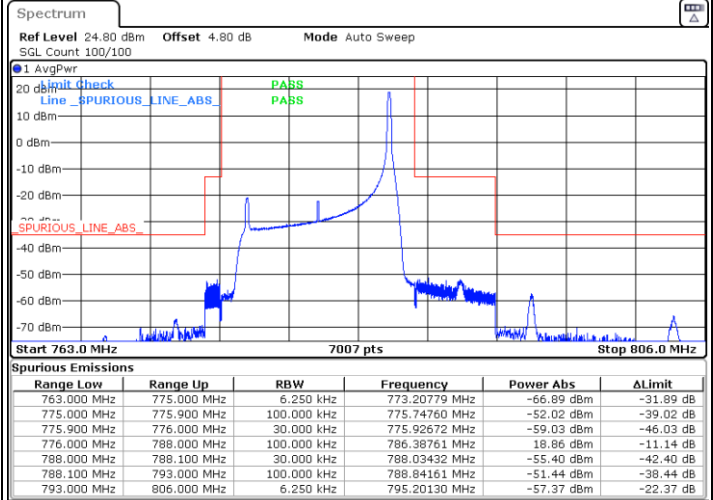
LTE Band 13 / 10MHz / 64QAM

middle Band Edge / 1 RB



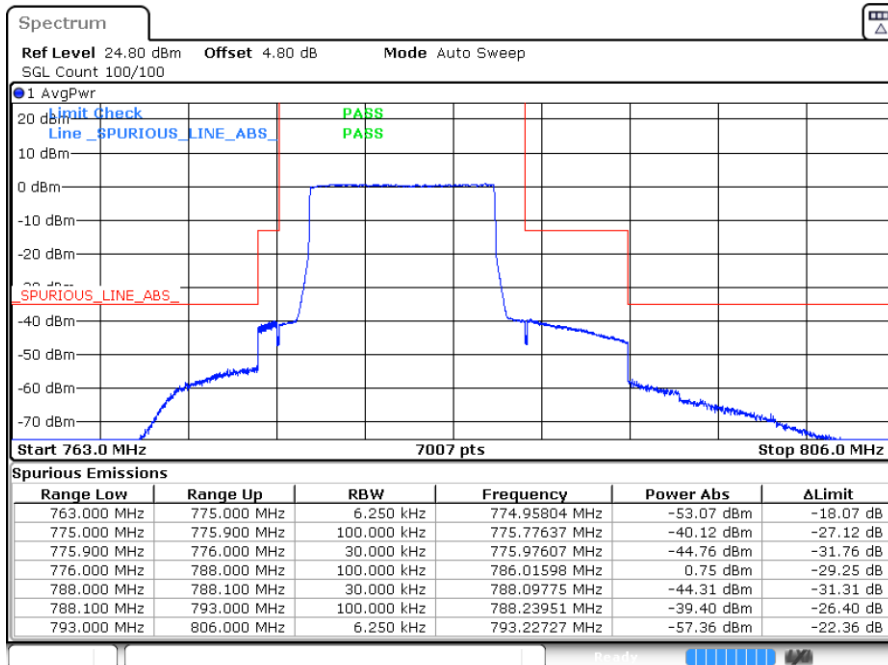
Date: 16 DEC 2024 22:09:37

middle Band Edge / 1 RB



Date: 16 DEC 2024 22:20:32

middle Band Edge / Full RB



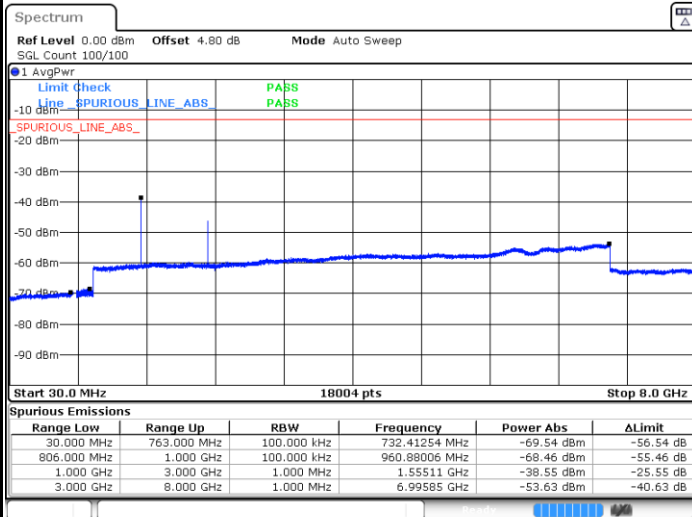
Date: 16 DEC 2024 22:11:26



Conducted Spurious Emission

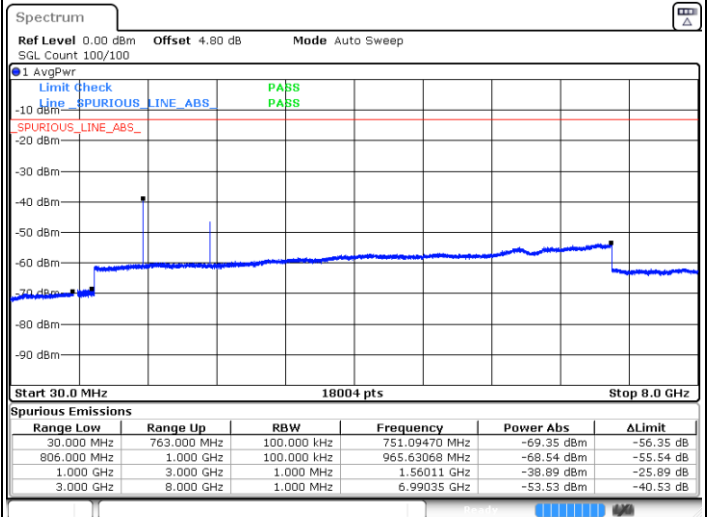
LTE Band 13 / 5MHz

Lowest Channel / QPSK



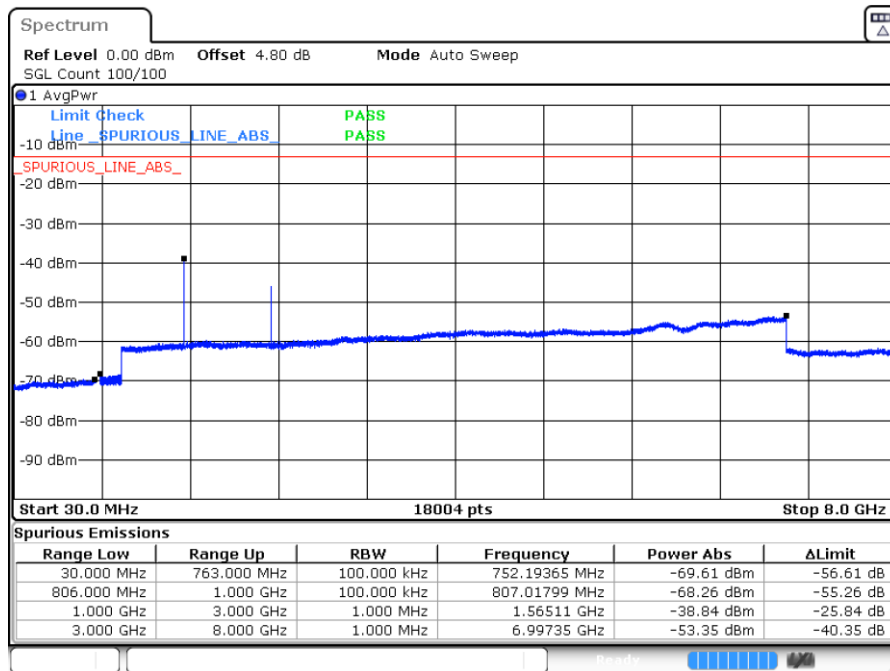
Date: 16 DEC 2024 21:38:13

Middle Channel / QPSK



Date: 16 DEC 2024 21:50:31

Highest Channel / QPSK

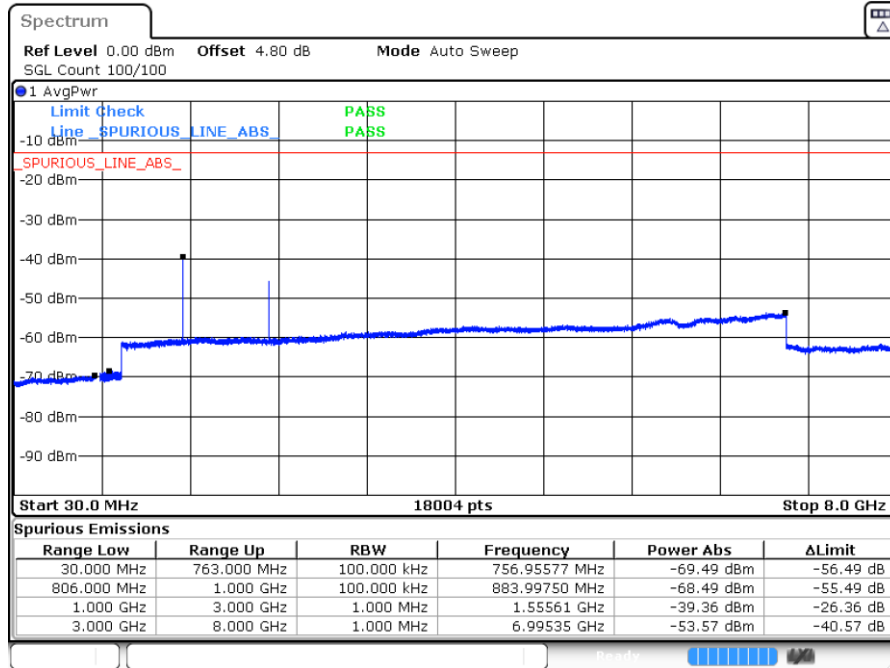


Date: 16 DEC 2024 21:51:51



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 16 DEC 2024 22:04:09

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0039	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0055	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0035	
20	Battery End Point	0.0019	

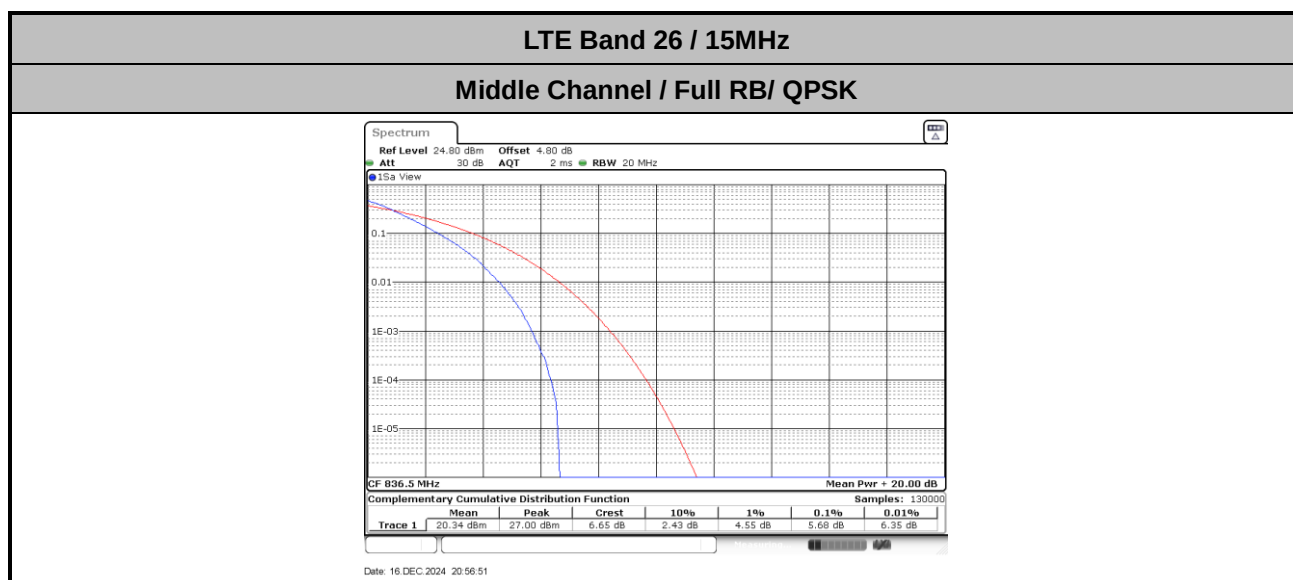
Note:

1. Normal Voltage =3.84V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.35V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 26

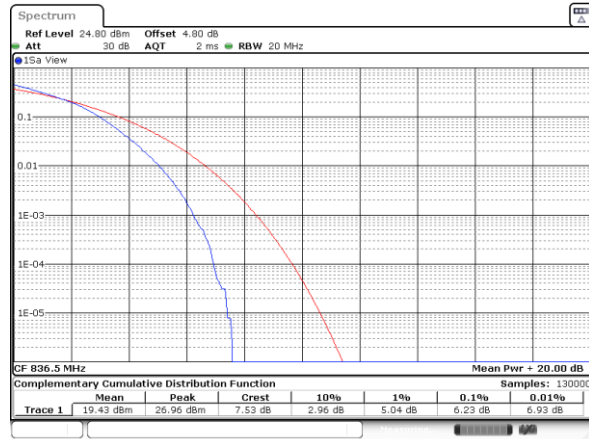
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.68	6.23	6.55	PASS



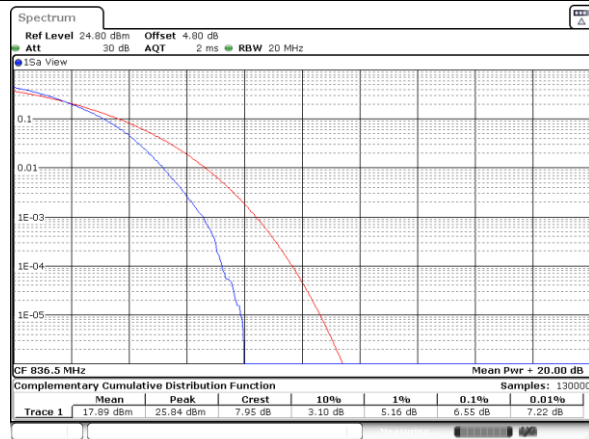


Middle Channel / Full RB/ 16QAM



Date: 16 DEC 2024 20:57:14

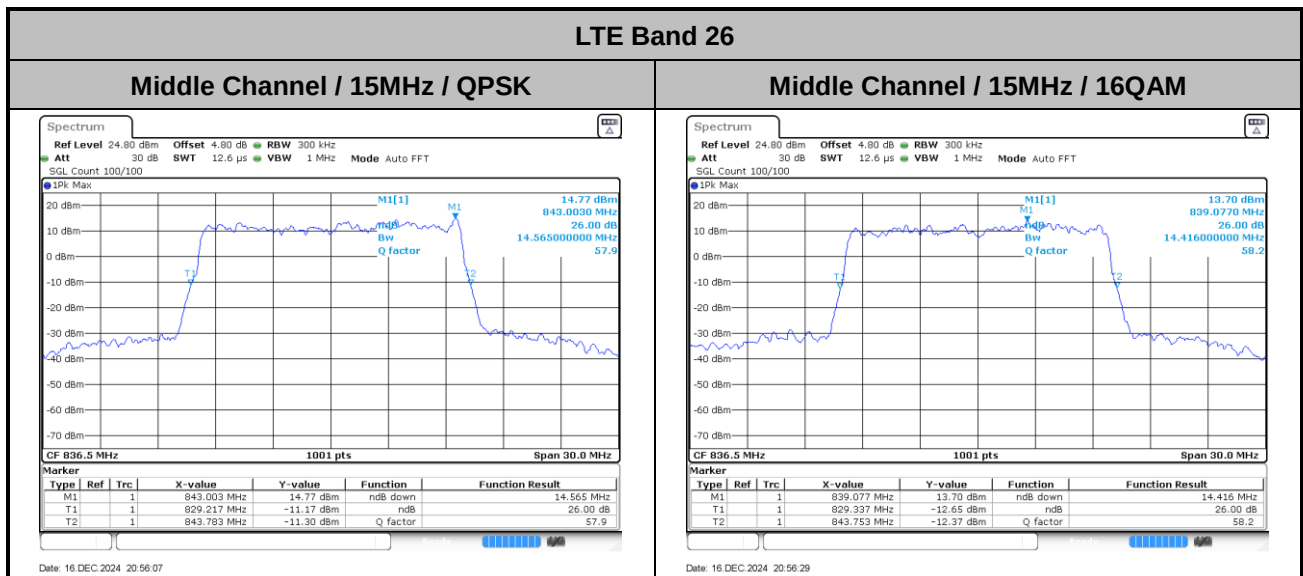
Middle Channel / Full RB/ 64QAM



Date: 16 DEC 2024 20:57:38

**26dB Bandwidth**

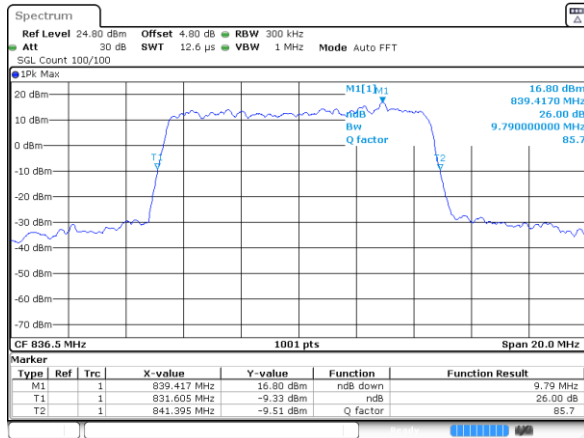
Mode	LTE Band 26 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.57	14.42
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.79	9.79
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.84	4.91
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.07	3.08
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.23	1.25



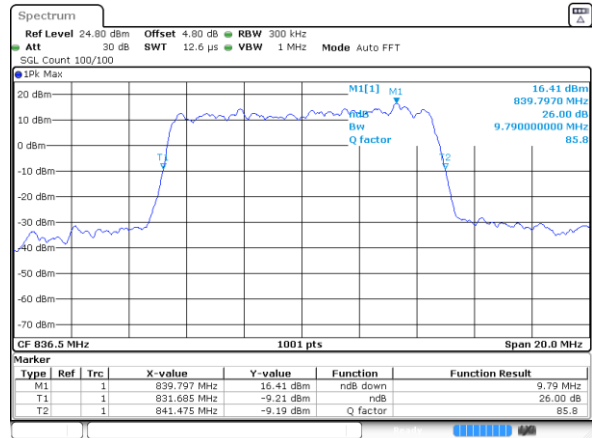


LTE Band 26

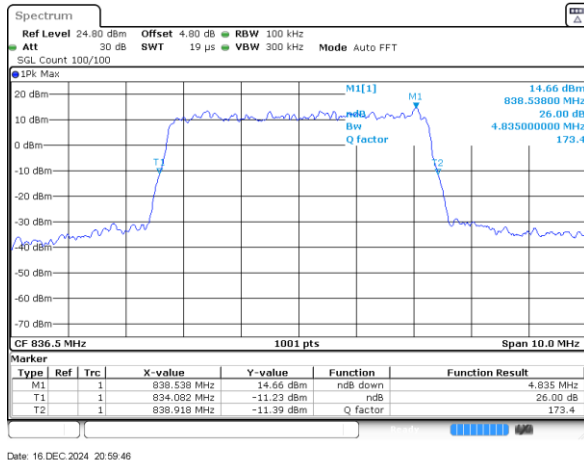
Middle Channel / 10MHz / QPSK



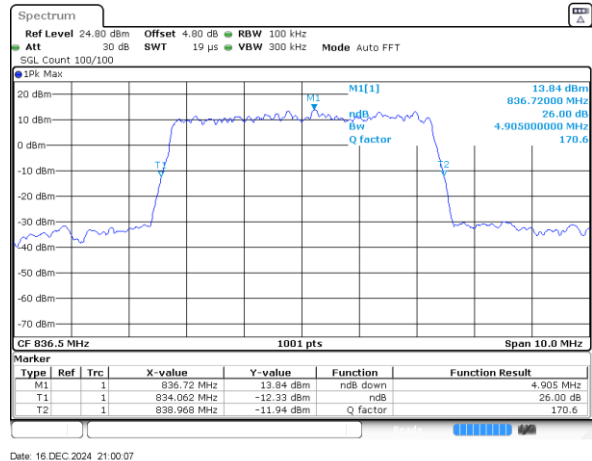
Middle Channel / 10MHz / 16QAM



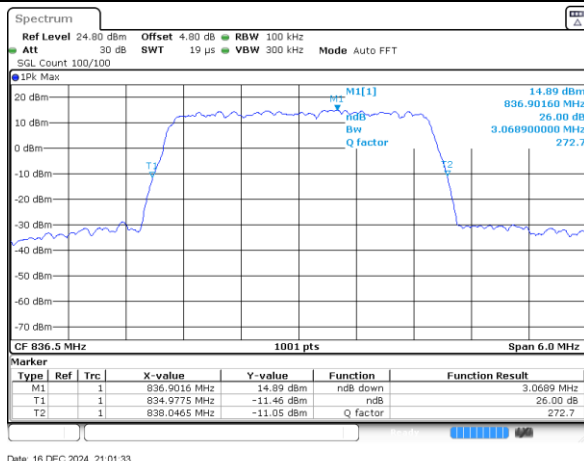
Middle Channel / 5MHz / QPSK



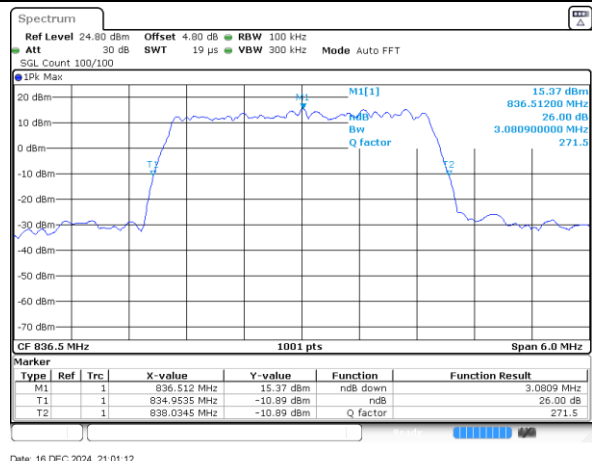
Middle Channel / 5MHz / 16QAM



Middle Channel / 3MHz / QPSK



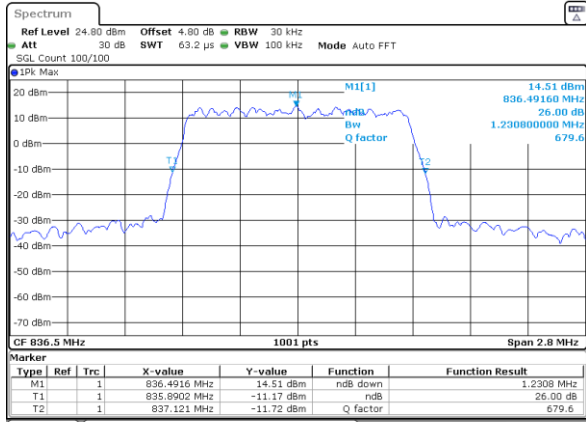
Middle Channel / 3MHz / 16QAM





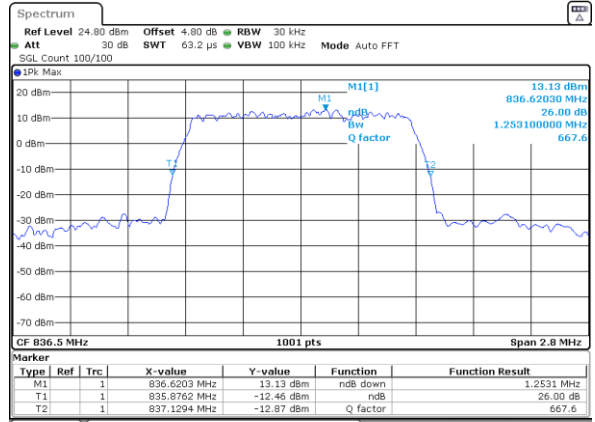
LTE Band 26

Middle Channel / 1.4MHz / QPSK



Date: 16 DEC 2024 21:02:38

Middle Channel / 1.4MHz / 16QAM

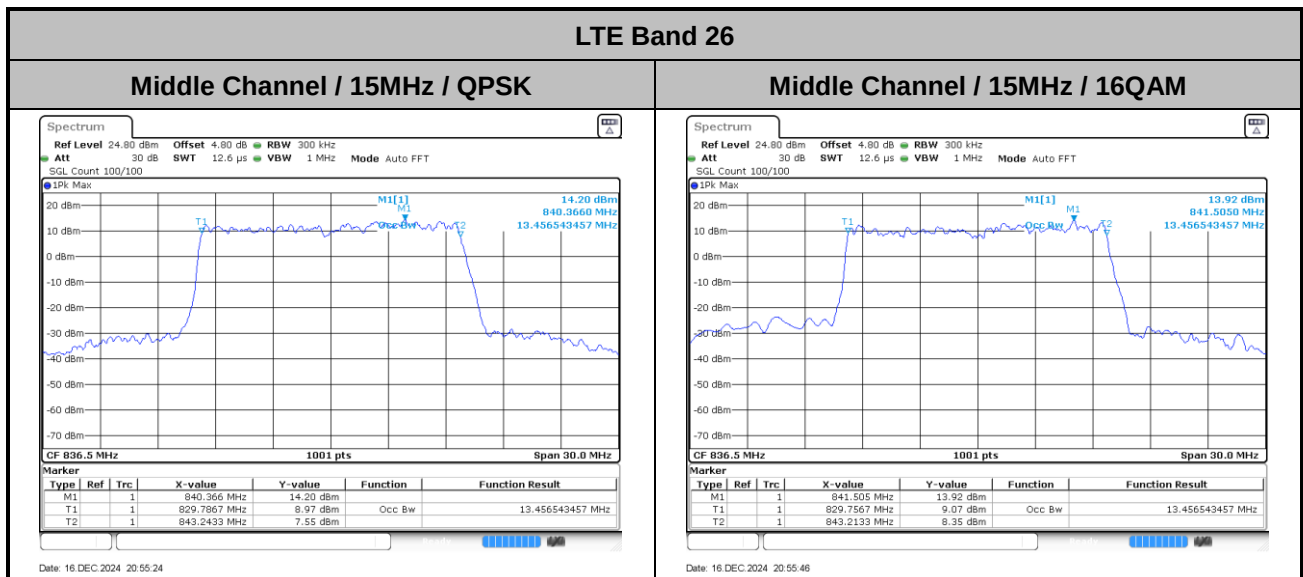


Date: 16 DEC 2024 21:02:59



Occupied Bandwidth

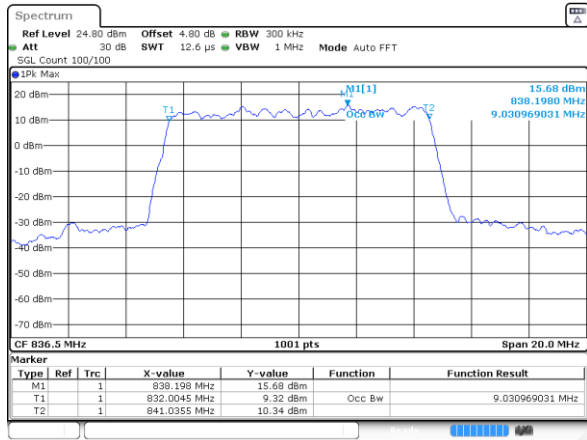
Mode	LTE Band 26 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.46
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	9.11
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.50
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.71	2.70
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
BW	15MHz	
Mod.	QPSK	16QAM
CH26790	13.46	13.55



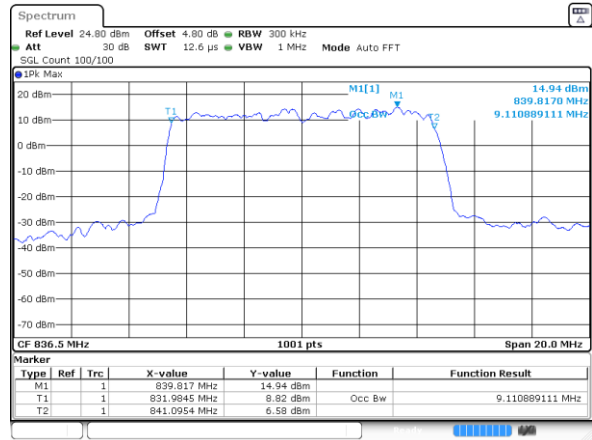


LTE Band 26

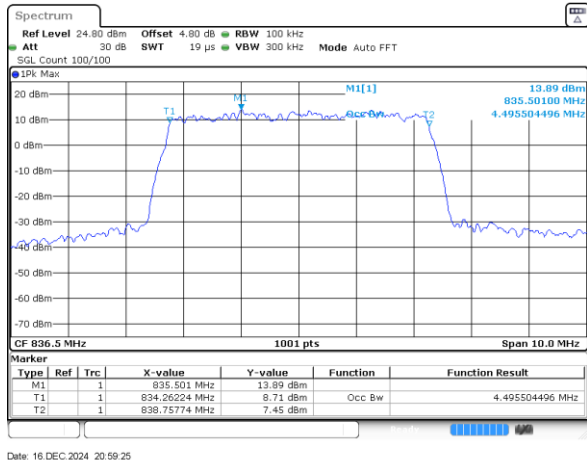
Middle Channel / 10MHz / QPSK



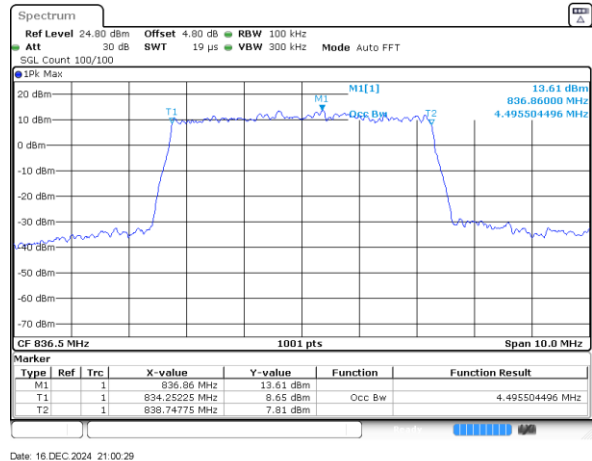
Middle Channel / 10MHz / 16QAM



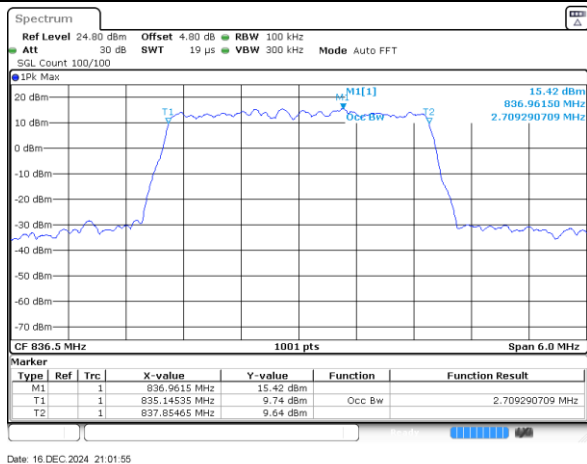
Middle Channel / 5MHz / QPSK



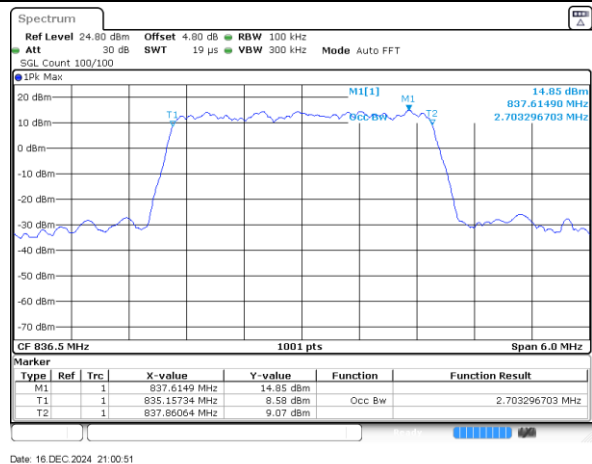
Middle Channel / 5MHz / 16QAM



Middle Channel / 3MHz / QPSK



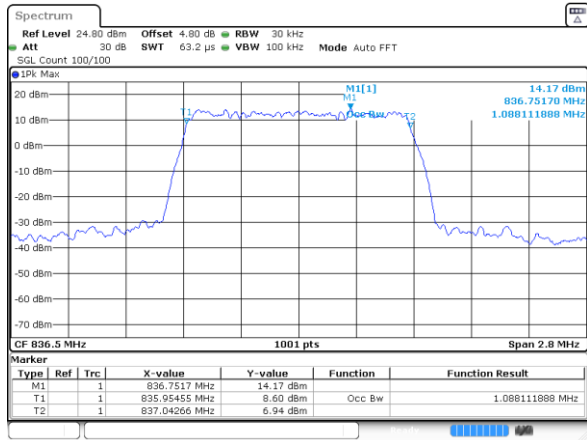
Middle Channel / 3MHz / 16QAM



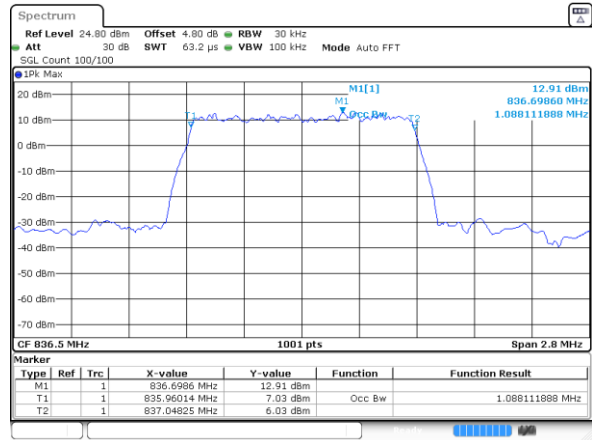


LTE Band 26

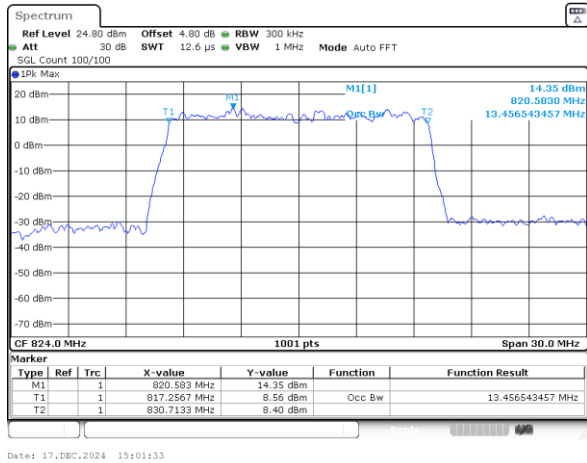
Middle Channel / 1.4MHz / QPSK



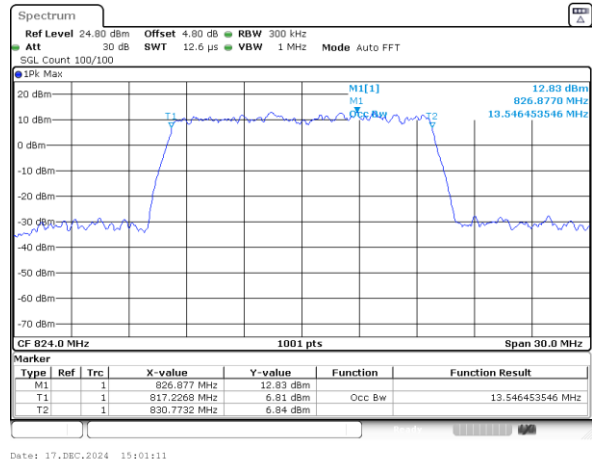
Middle Channel / 1.4MHz / 16QAM



Channel 26790 / 15MHz / QPSK



Channel 26790 / 15MHz / 16QAM

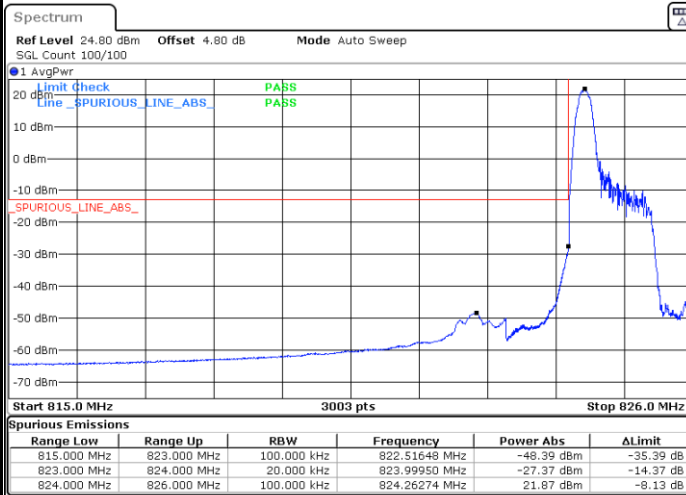




Conducted Band Edge

LTE Band 26 / 1.4MHz / QPSK

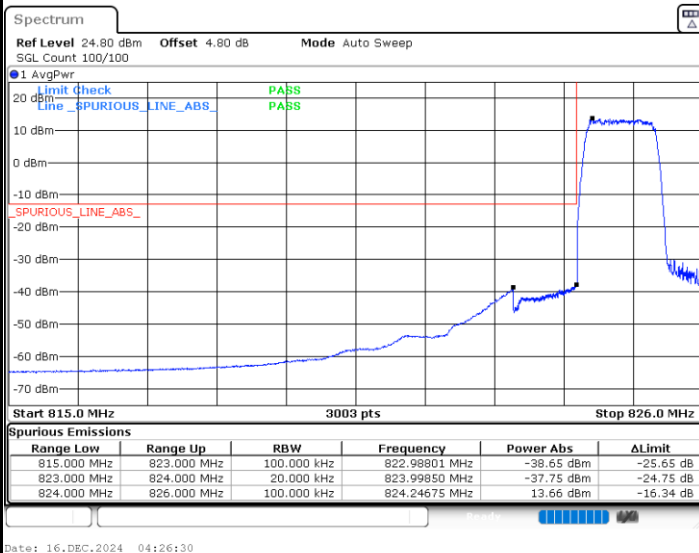
Lowest Band Edge / 1RB



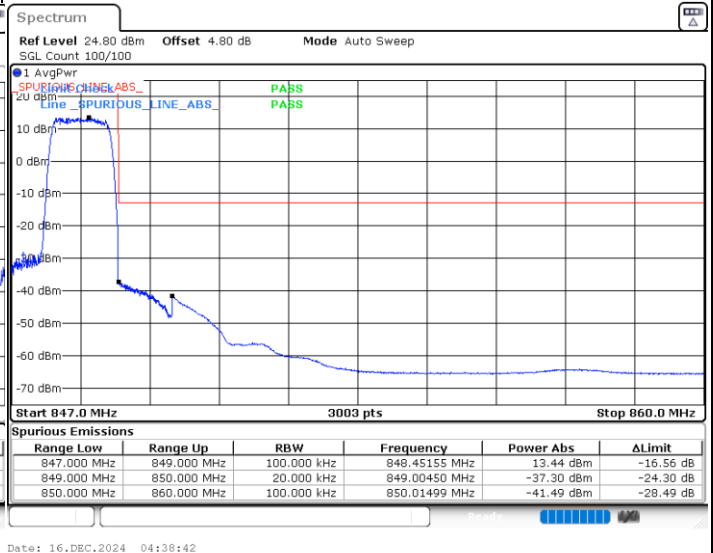
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



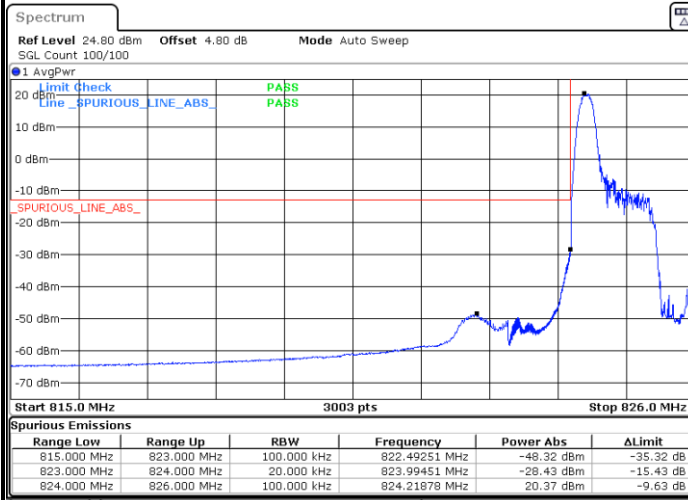
Highest Band Edge / Full RB



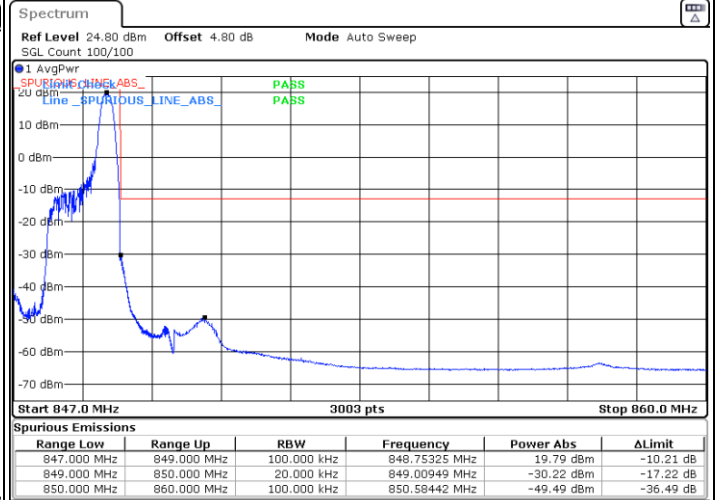


LTE Band 26 / 1.4MHz / 16QAM

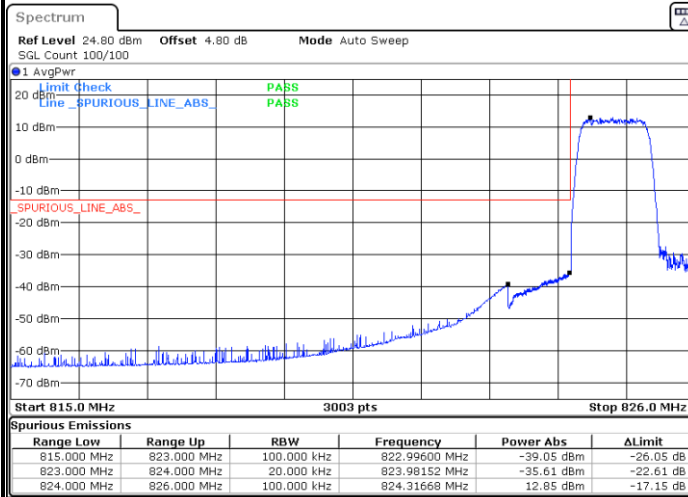
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



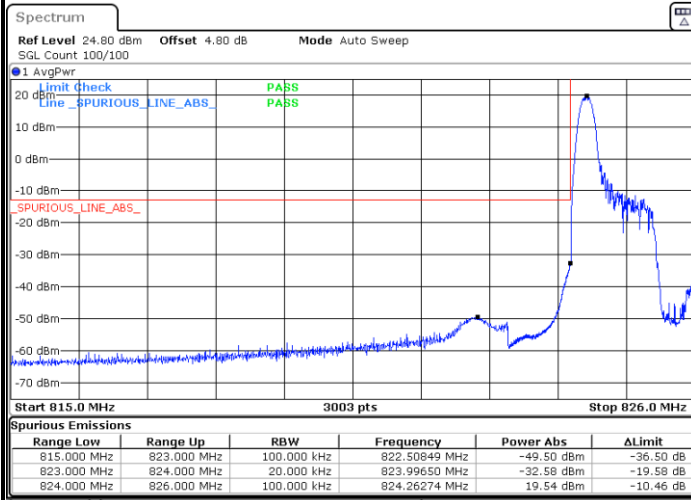
Highest Band Edge / Full RB





LTE Band 26 / 1.4MHz / 64QAM

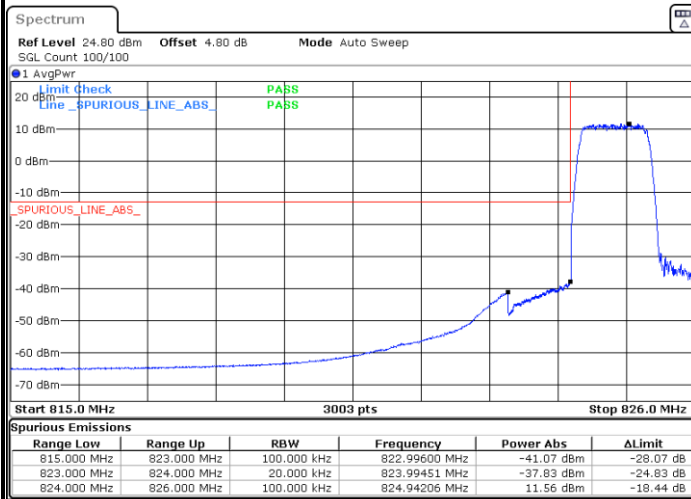
Lowest Band Edge / 1 RB



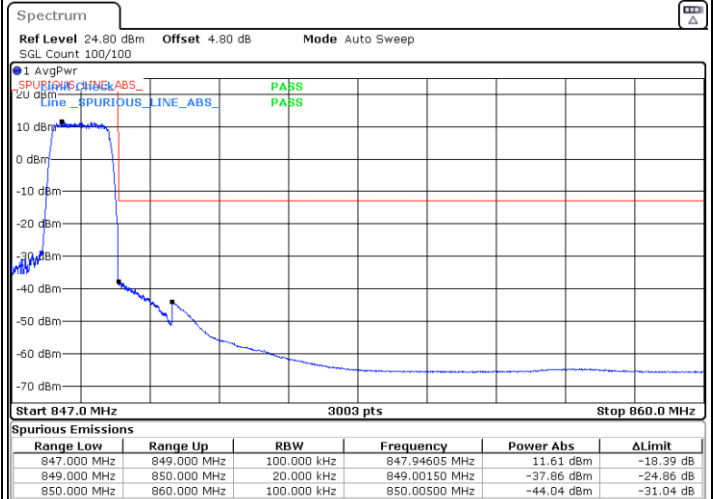
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



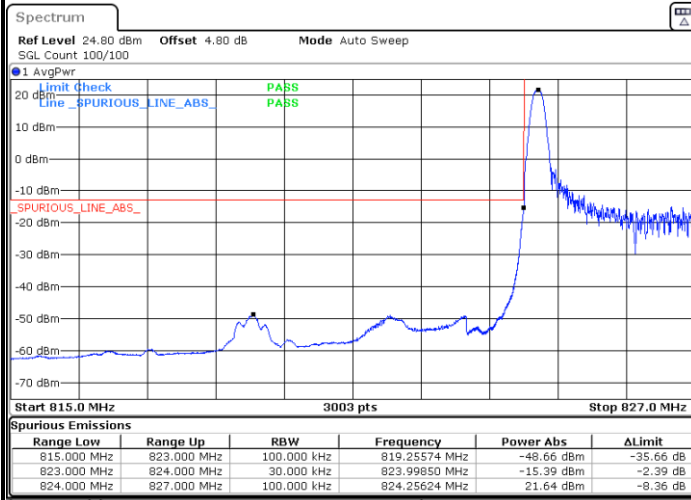
Highest Band Edge / Full RB





LTE Band 26 / 3MHz / QPSK

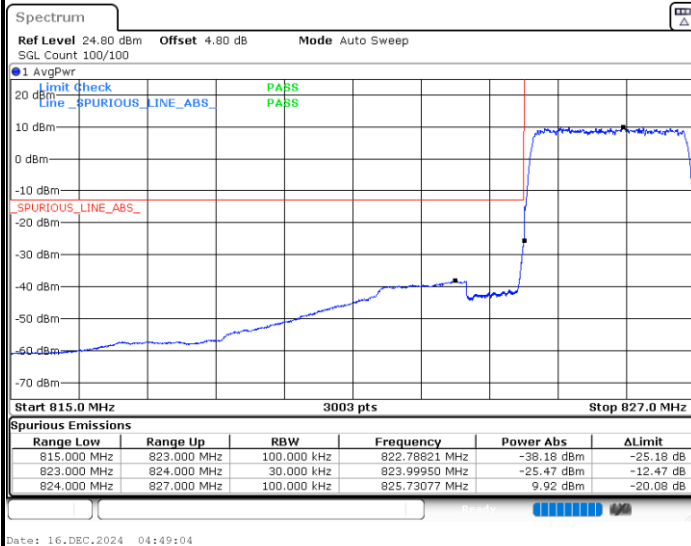
Lowest Band Edge / 1RB



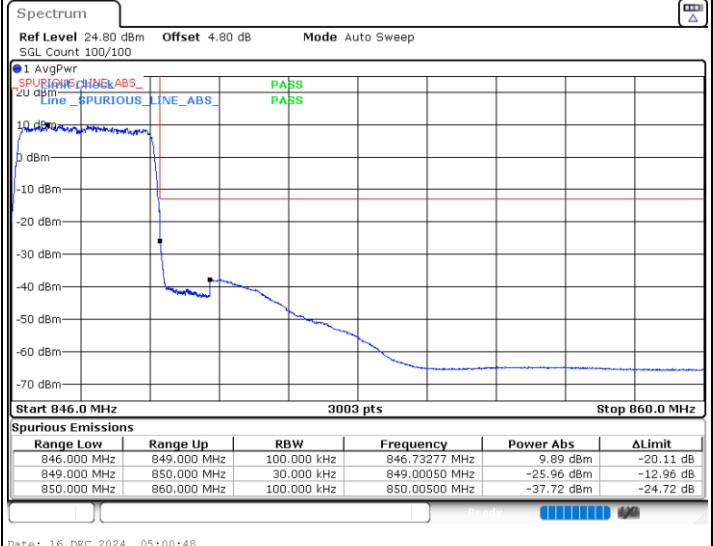
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



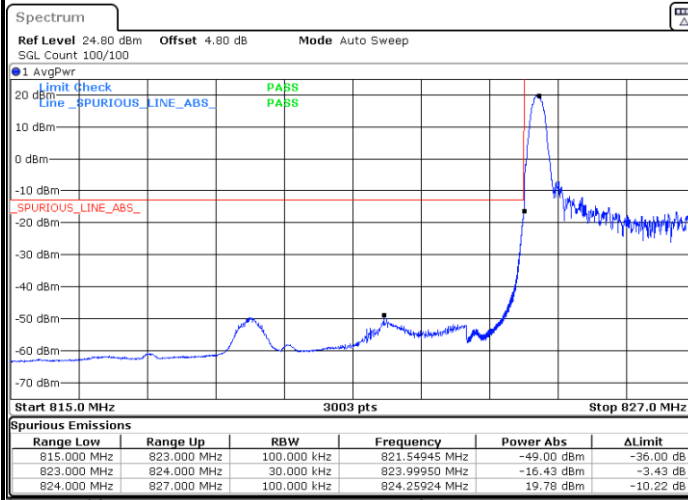
Highest Band Edge / Full RB





LTE Band 26 / 3MHz / 16QAM

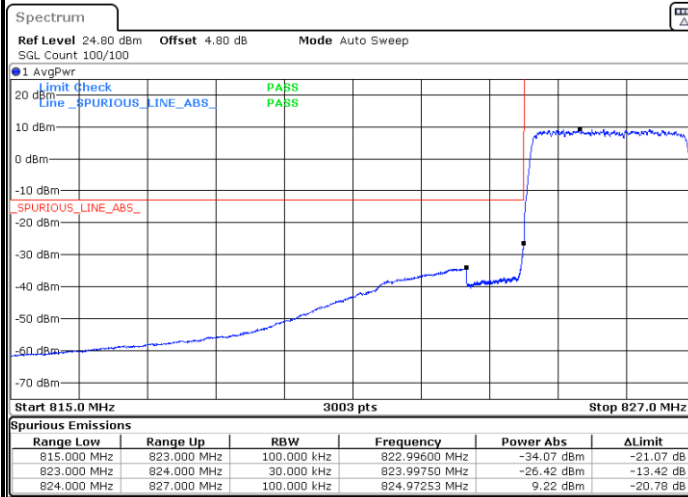
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

