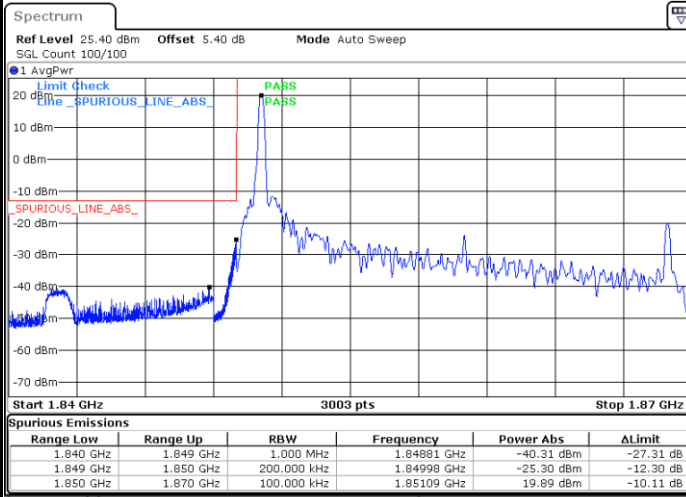


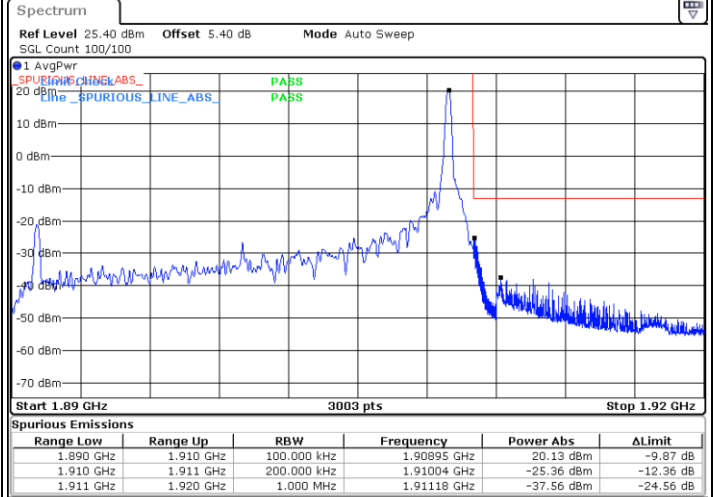


LTE Band 2 / 20MHz / QPSK

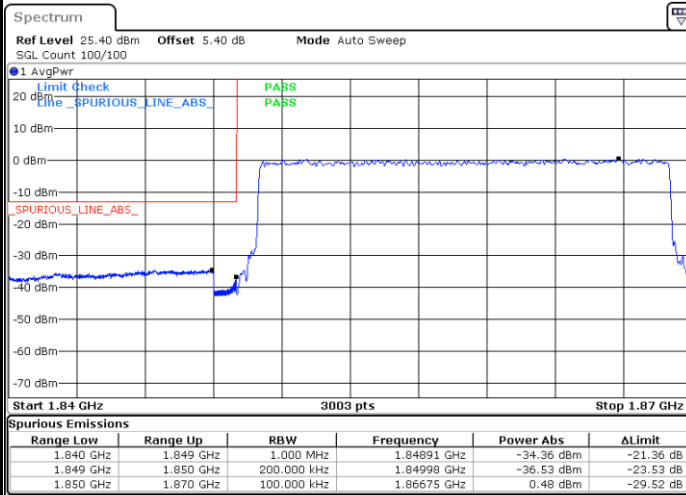
Lowest Band Edge / 1 RB



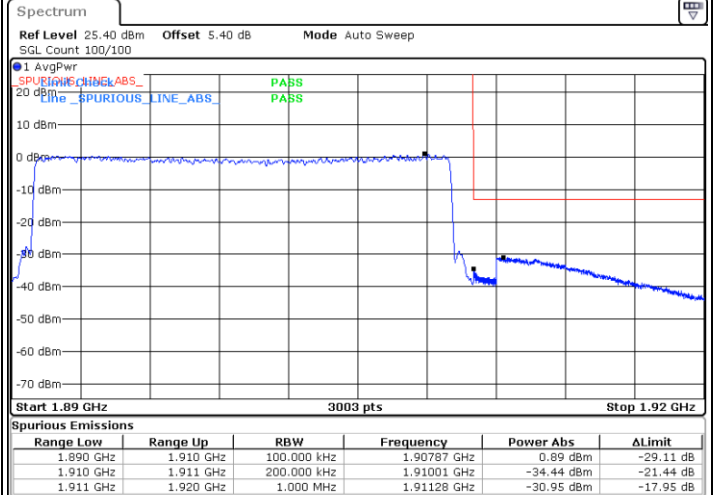
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



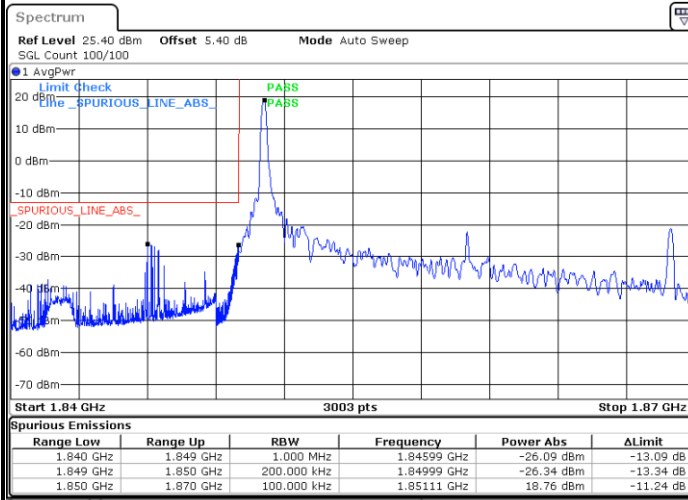
Highest Band Edge / Full RB



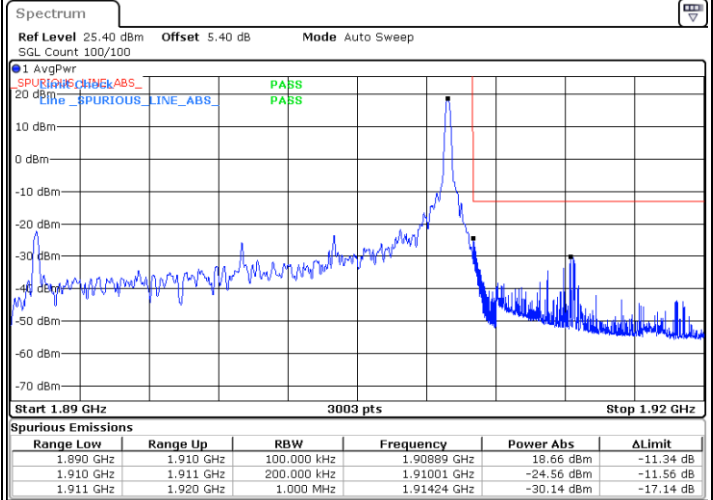


LTE Band 2 / 20MHz / 16QAM

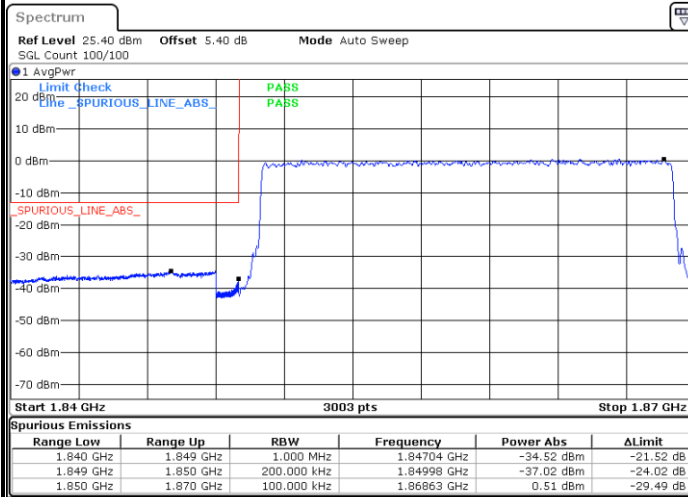
Lowest Band Edge / 1 RB



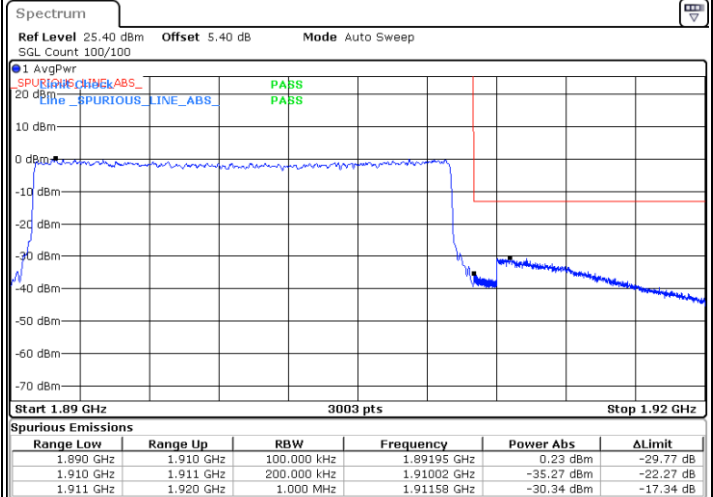
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



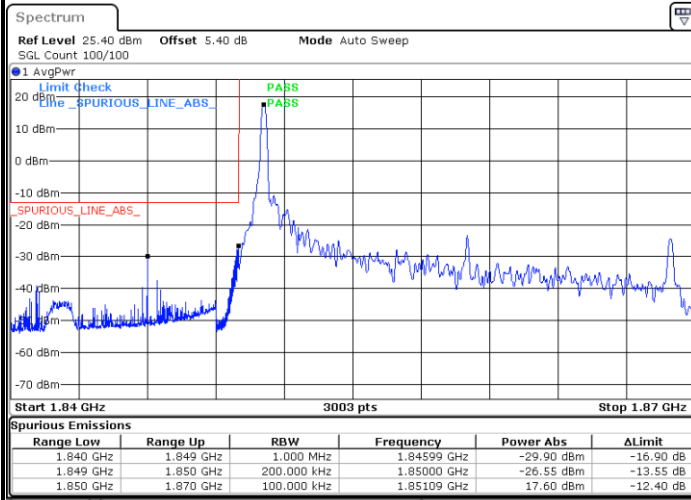
Highest Band Edge / Full RB



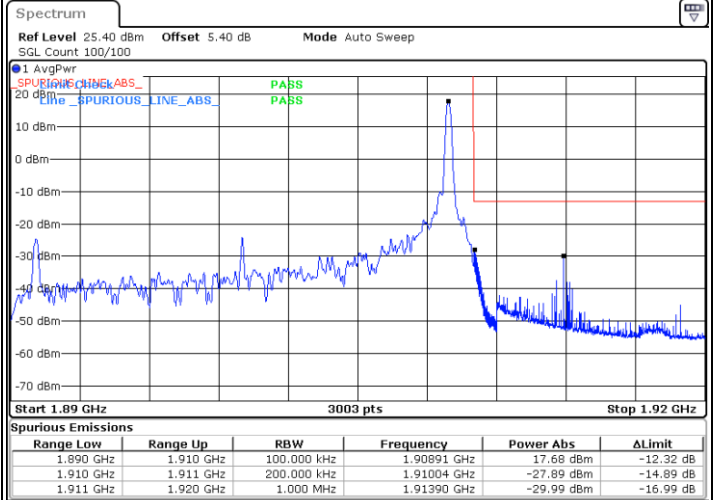


LTE Band 2 / 20MHz / 64QAM

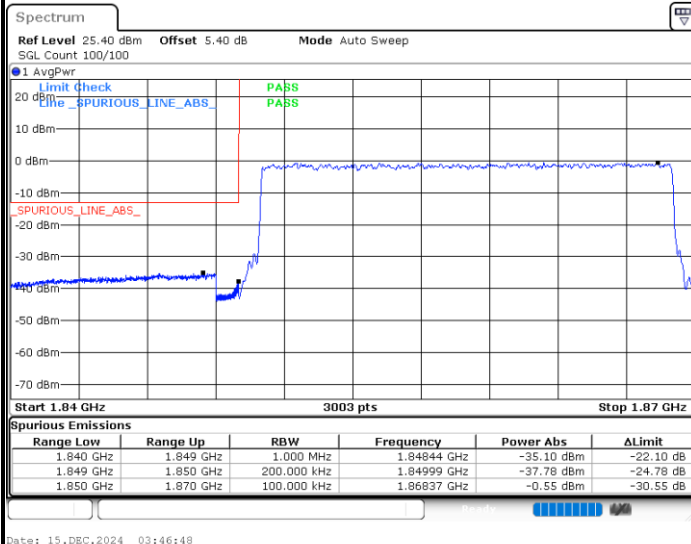
Lowest Band Edge / 1 RB



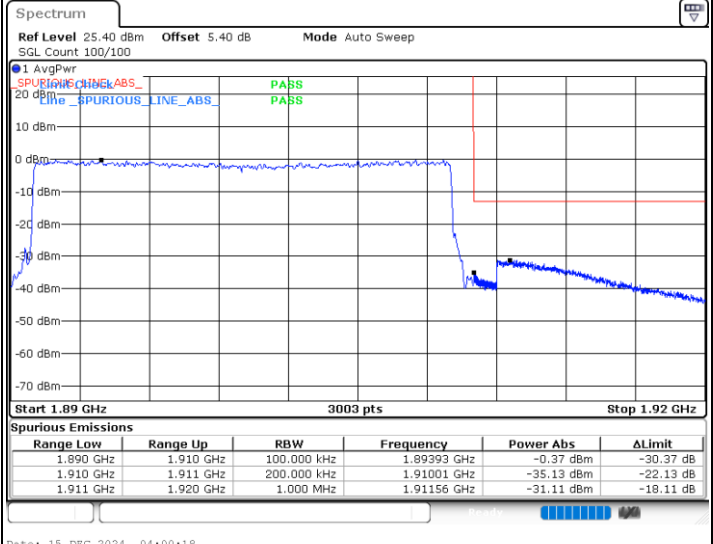
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

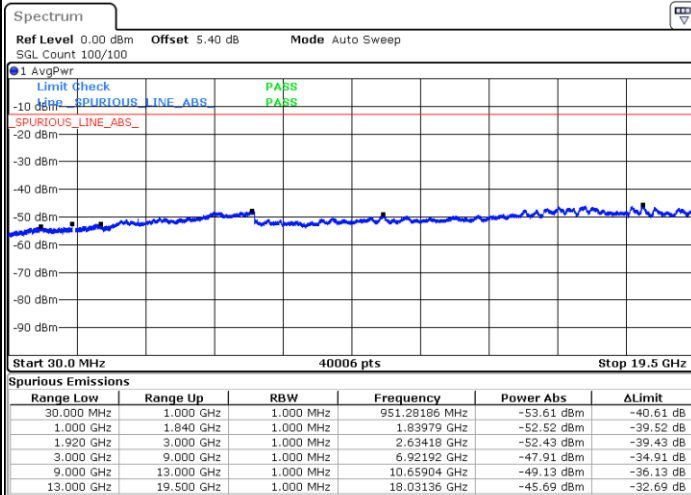




Conducted Spurious Emission

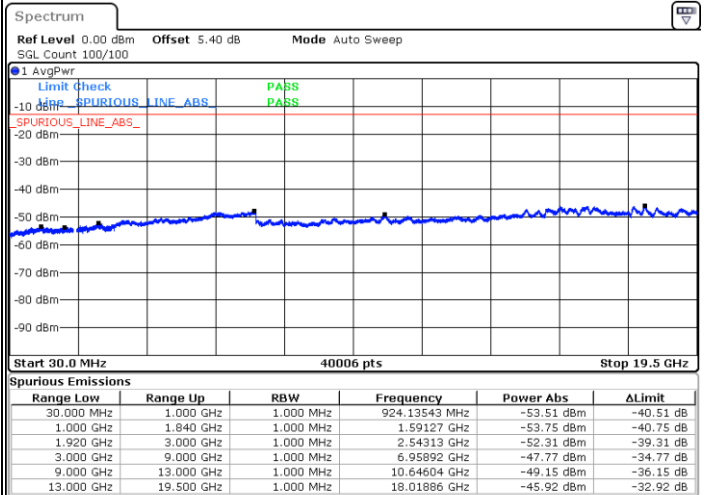
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



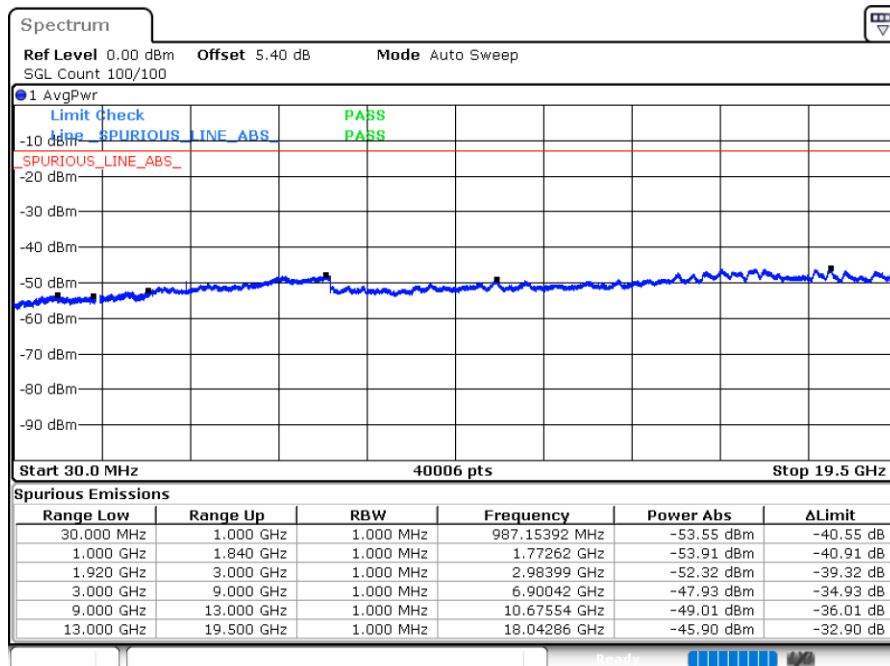
Date: 15.DEC.2024 00:40:19

Middle Channel / QPSK



Date: 15.DEC.2024 00:57:36

Highest Channel / QPSK

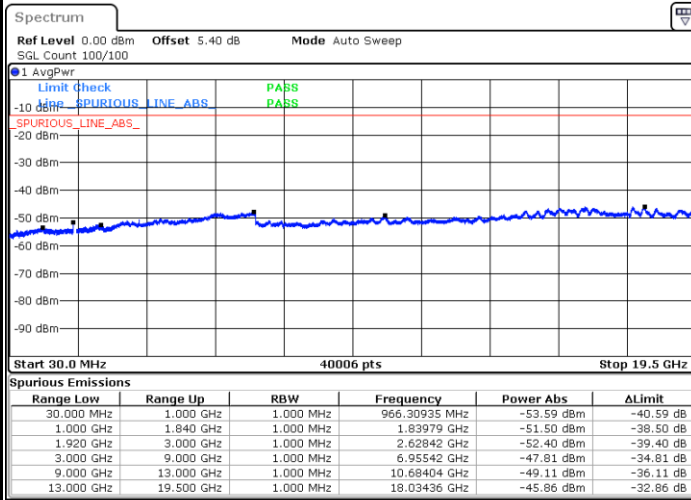


Date: 15.DEC.2024 01:01:52



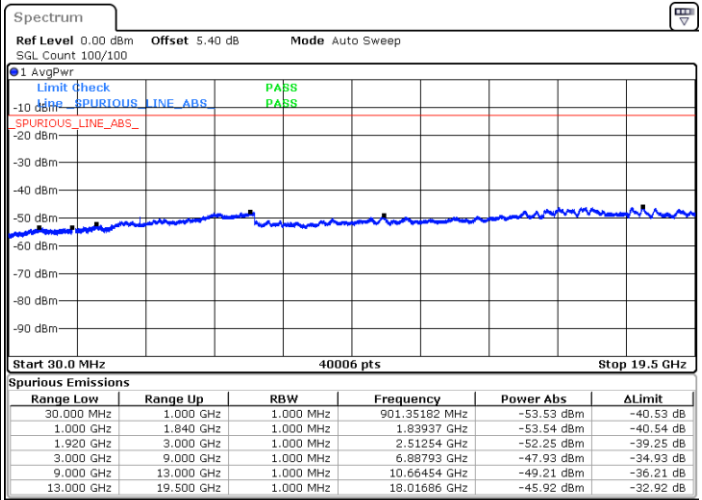
LTE Band 2 / 3MHz

Lowest Channel / QPSK



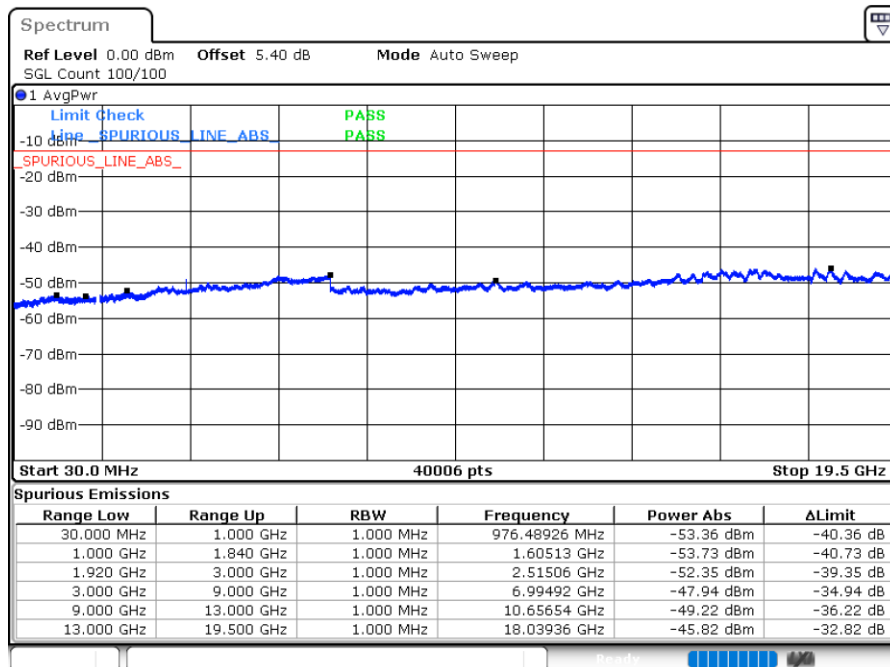
Date: 15.DEC.2024 01:15:37

Middle Channel / QPSK



Date: 15.DEC.2024 01:34:13

Highest Channel / QPSK

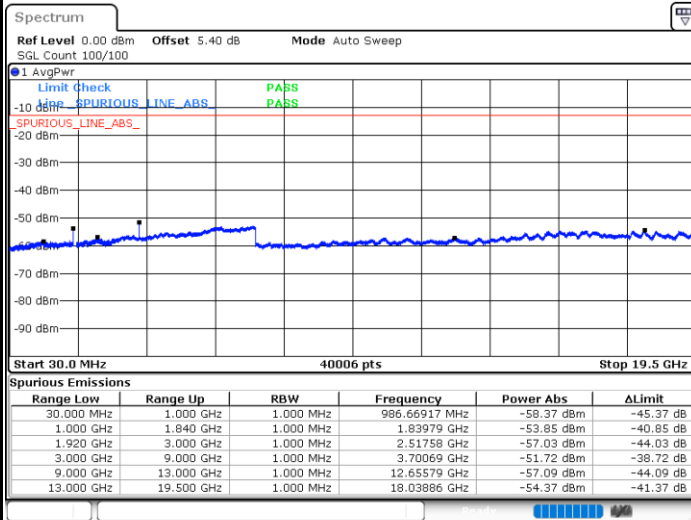


Date: 15.DEC.2024 01:35:32



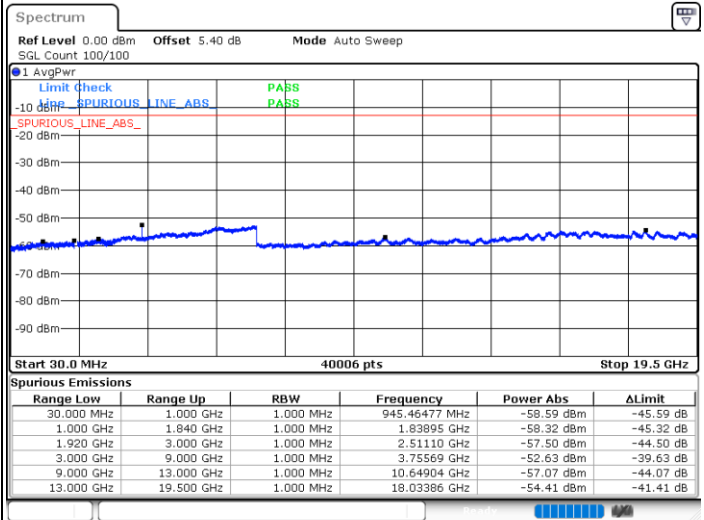
LTE Band 2 / 5MHz

Lowest Channel / QPSK



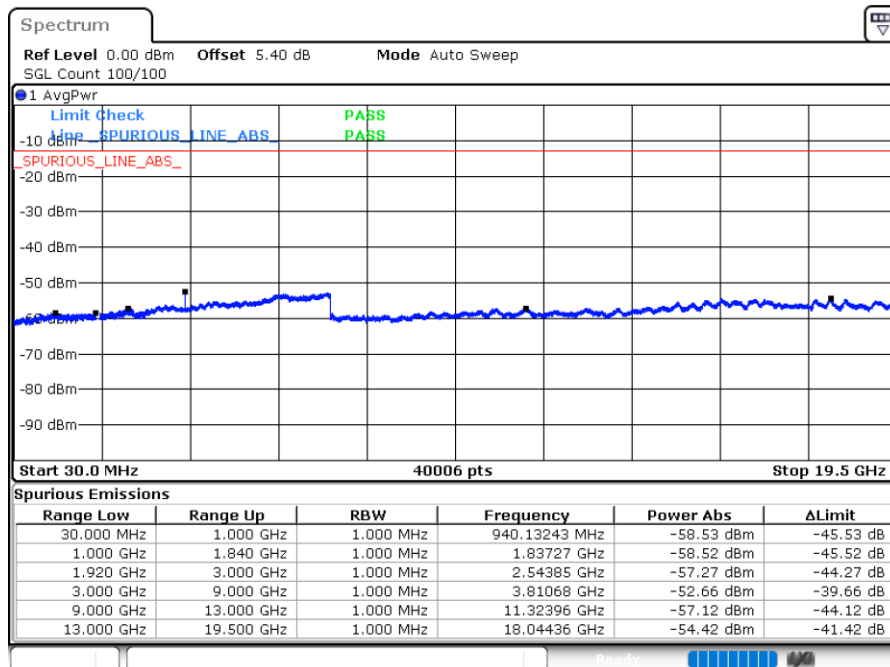
Date: 15.DEC.2024 01:48:58

Middle Channel / QPSK



Date: 15.DEC.2024 02:03:55

Highest Channel / QPSK

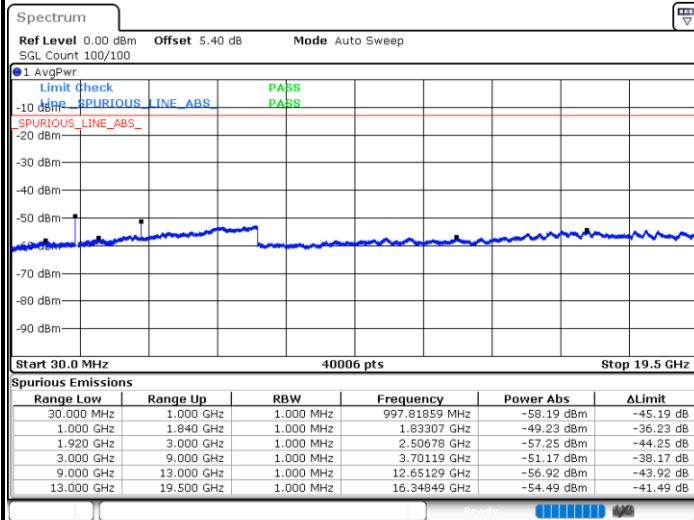


Date: 15.DEC.2024 02:05:15



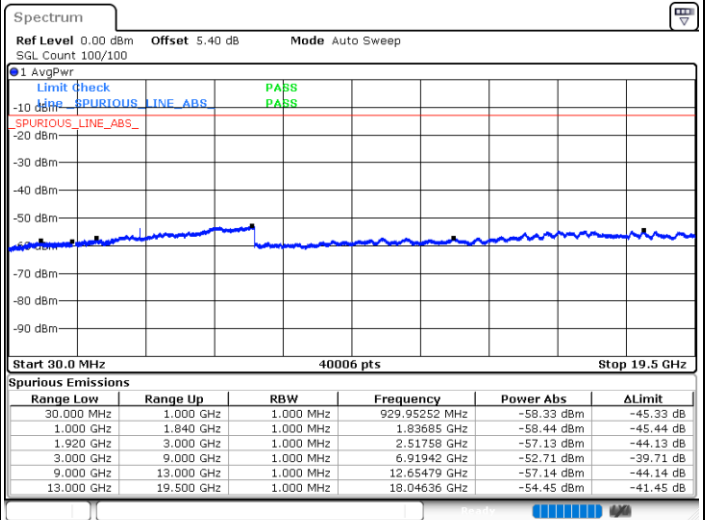
LTE Band 2 / 10MHz

Lowest Channel / QPSK



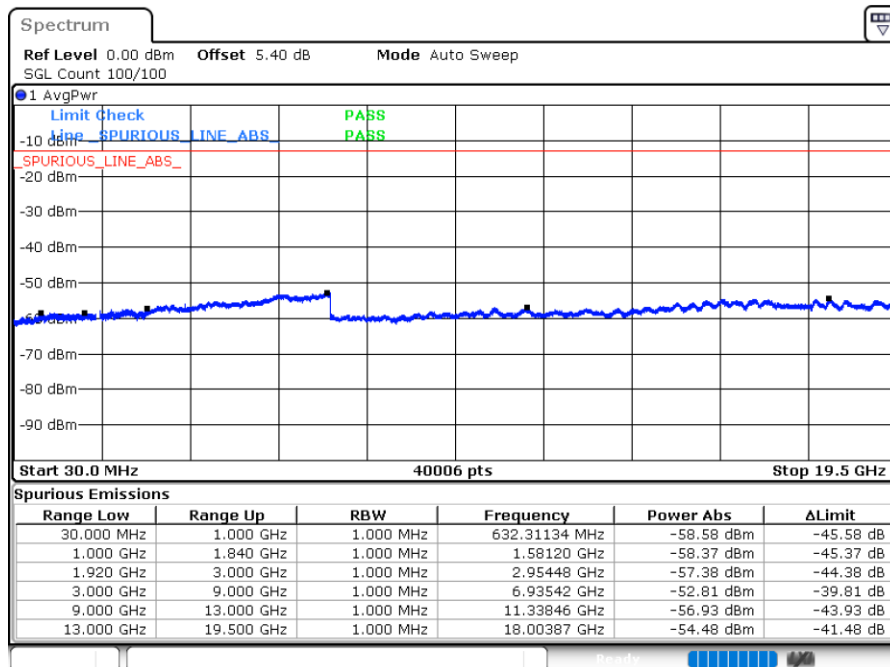
Date: 15.DEC.2024 02:20:03

Middle Channel / QPSK



Date: 15.DEC.2024 02:38:07

Highest Channel / QPSK

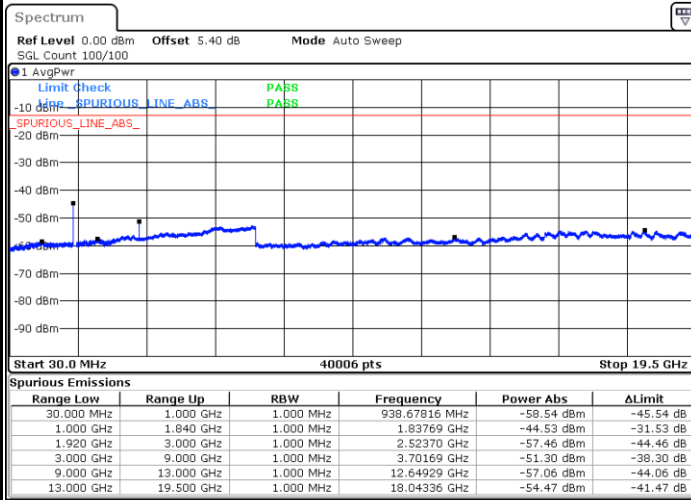


Date: 15.DEC.2024 02:39:27



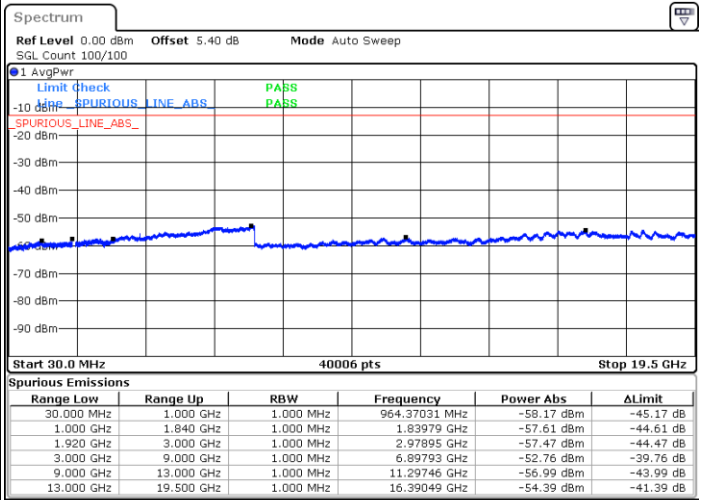
LTE Band 2 / 15MHz

Lowest Channel / QPSK



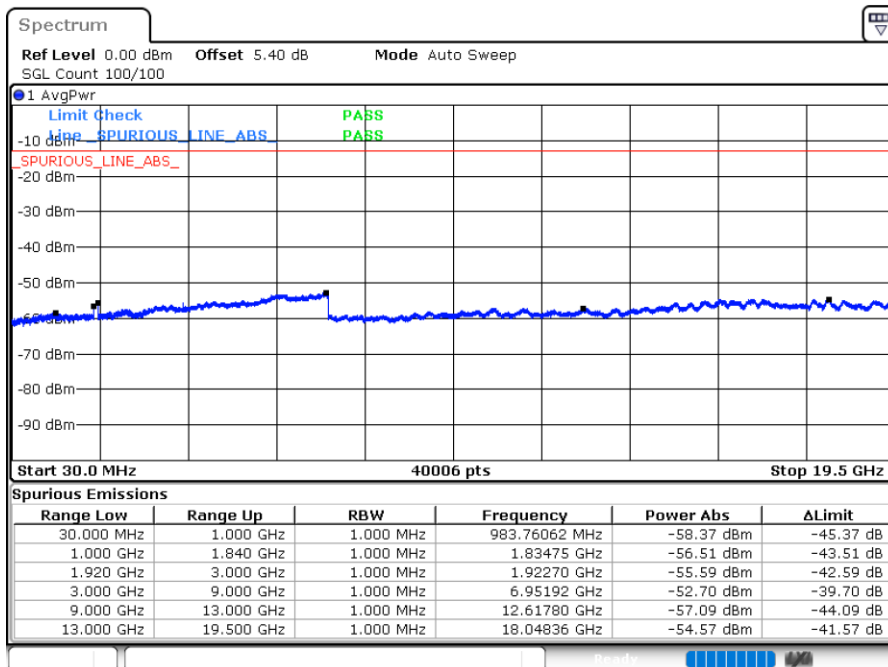
Date: 15.DEC.2024 02:58:52

Middle Channel / QPSK



Date: 15.DEC.2024 03:12:08

Highest Channel / QPSK

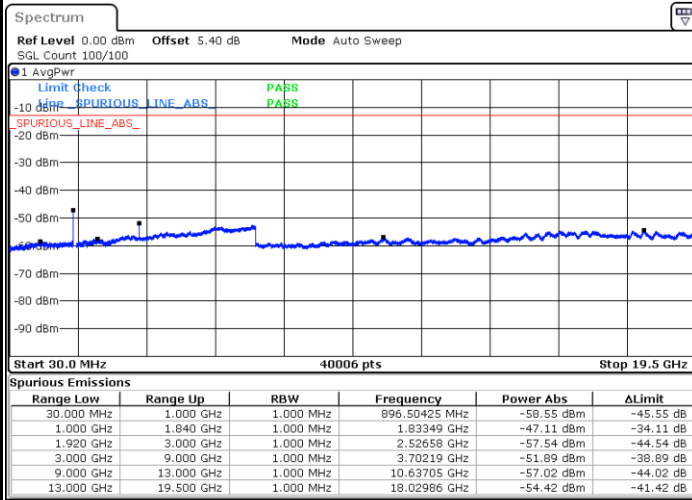


Date: 15.DEC.2024 03:17:08



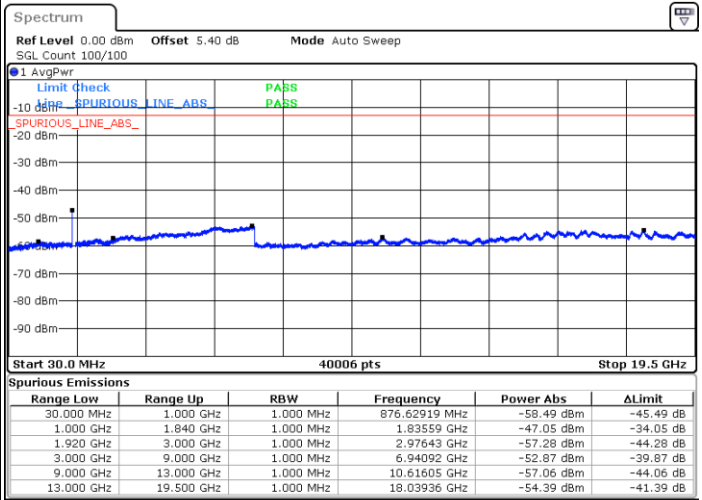
LTE Band 2 / 20MHz

Lowest Channel / QPSK



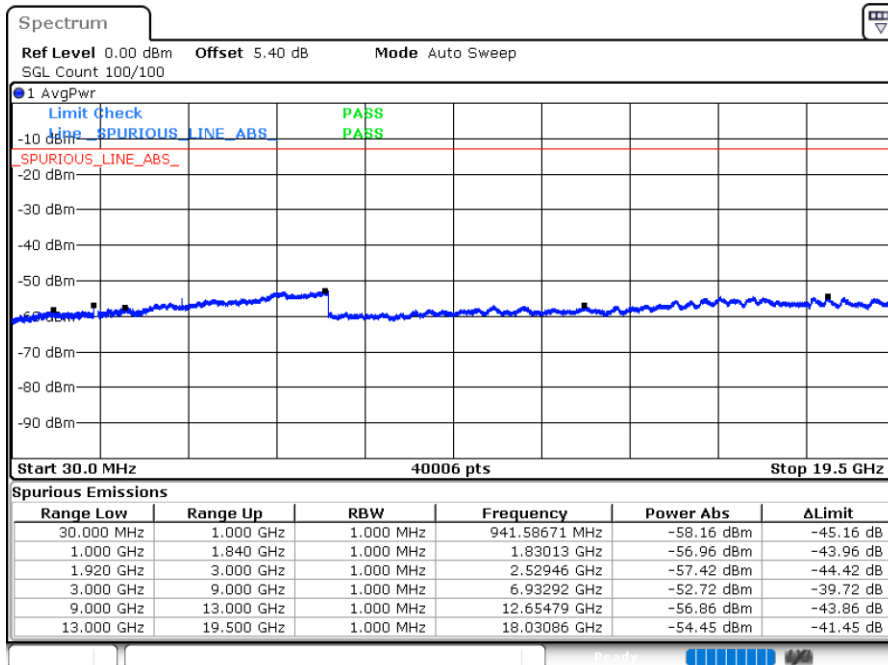
Date: 15.DEC.2024 03:30:40

Middle Channel / QPSK



Date: 15.DEC.2024 03:50:32

Highest Channel / QPSK



Date: 15.DEC.2024 03:51:51

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	0.0011	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0009	

Note:

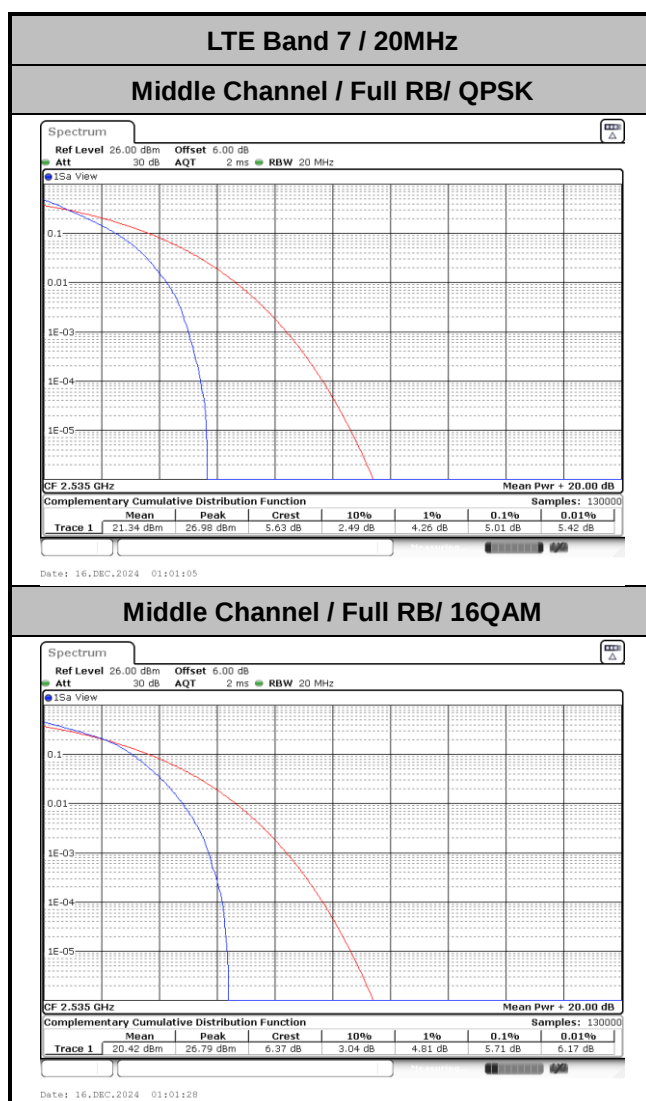
1. Normal Voltage = 3.84V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage = 4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

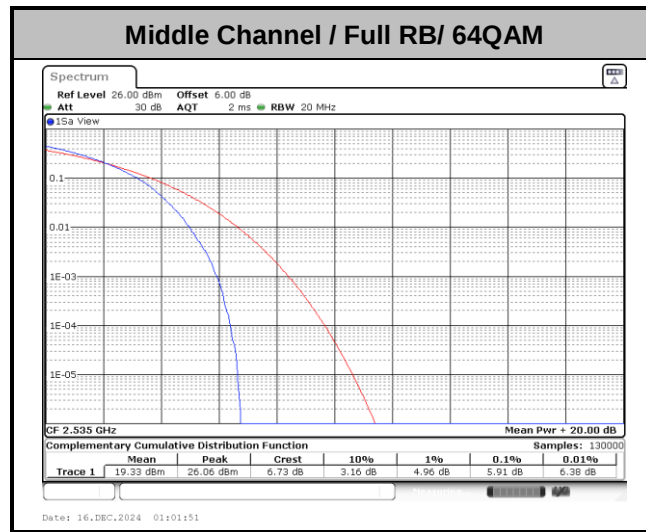


LTE Band 7

Peak-to-Average Ratio

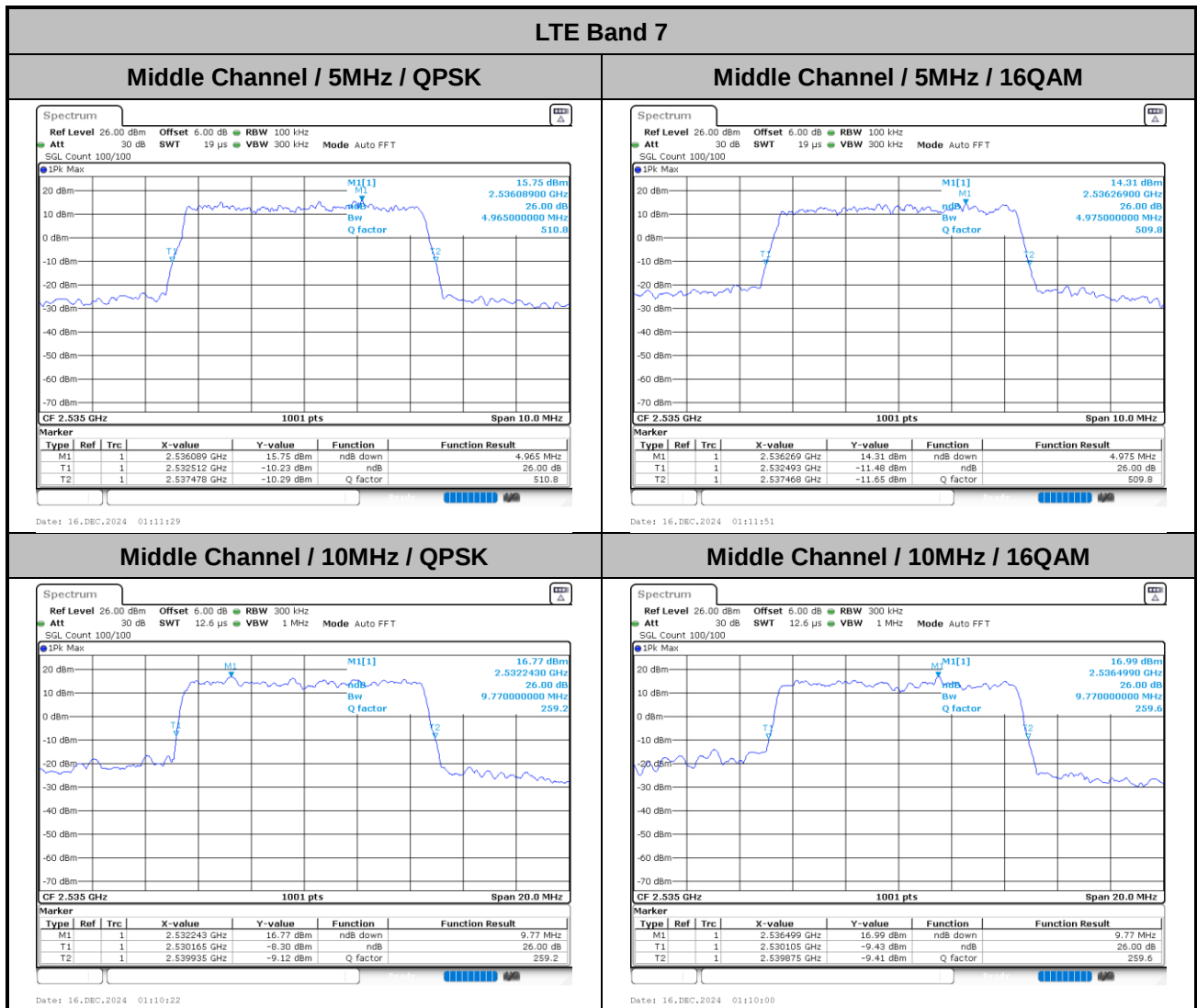
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.01	5.71	5.91	PASS





**26dB Bandwidth**

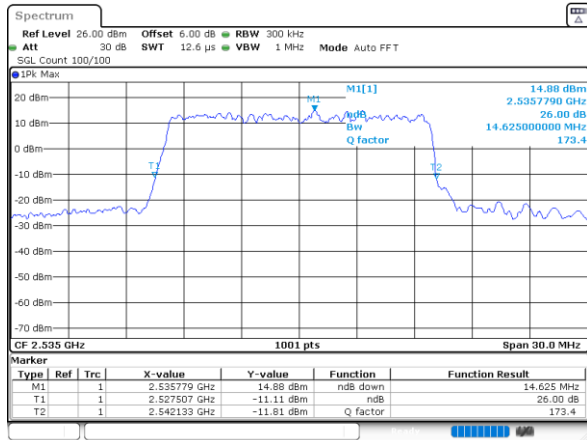
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.97	4.98	9.77	9.77	14.63	14.75	19.38	19.46





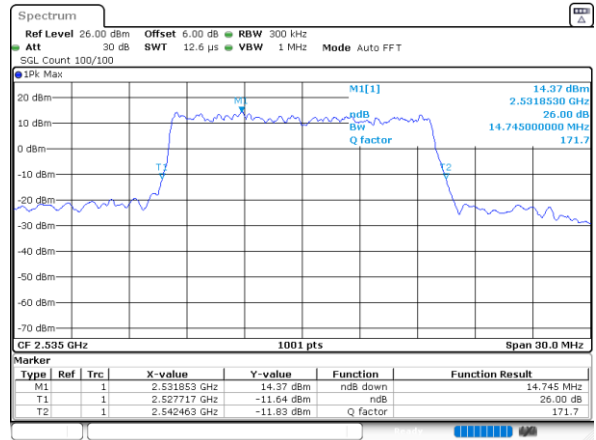
LTE Band 7

Middle Channel / 15MHz / QPSK



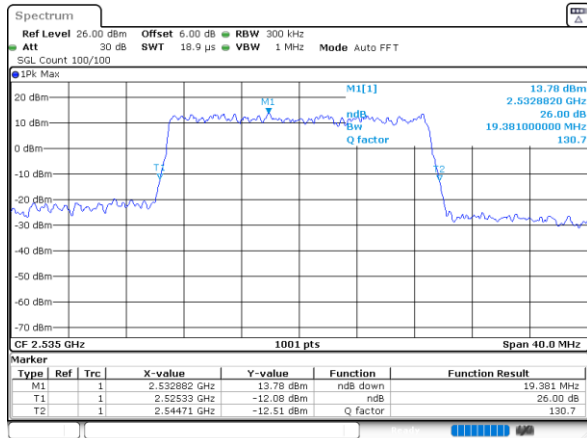
Date: 16,DEC,2024 01:08:31

Middle Channel / 15MHz / 16QAM



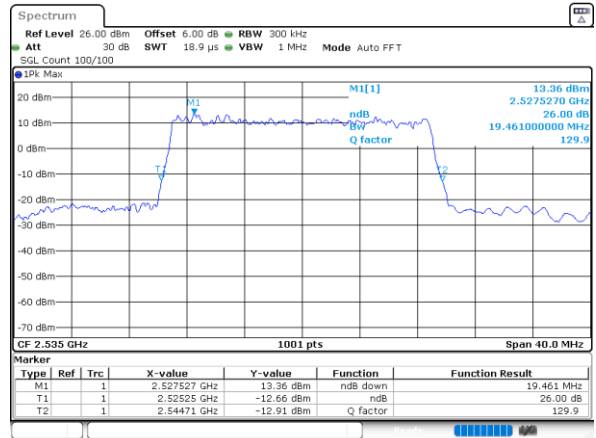
Date: 16,DEC,2024 01:08:53

Middle Channel / 20MHz / QPSK



Date: 16,DEC,2024 01:07:25

Middle Channel / 20MHz / 16QAM

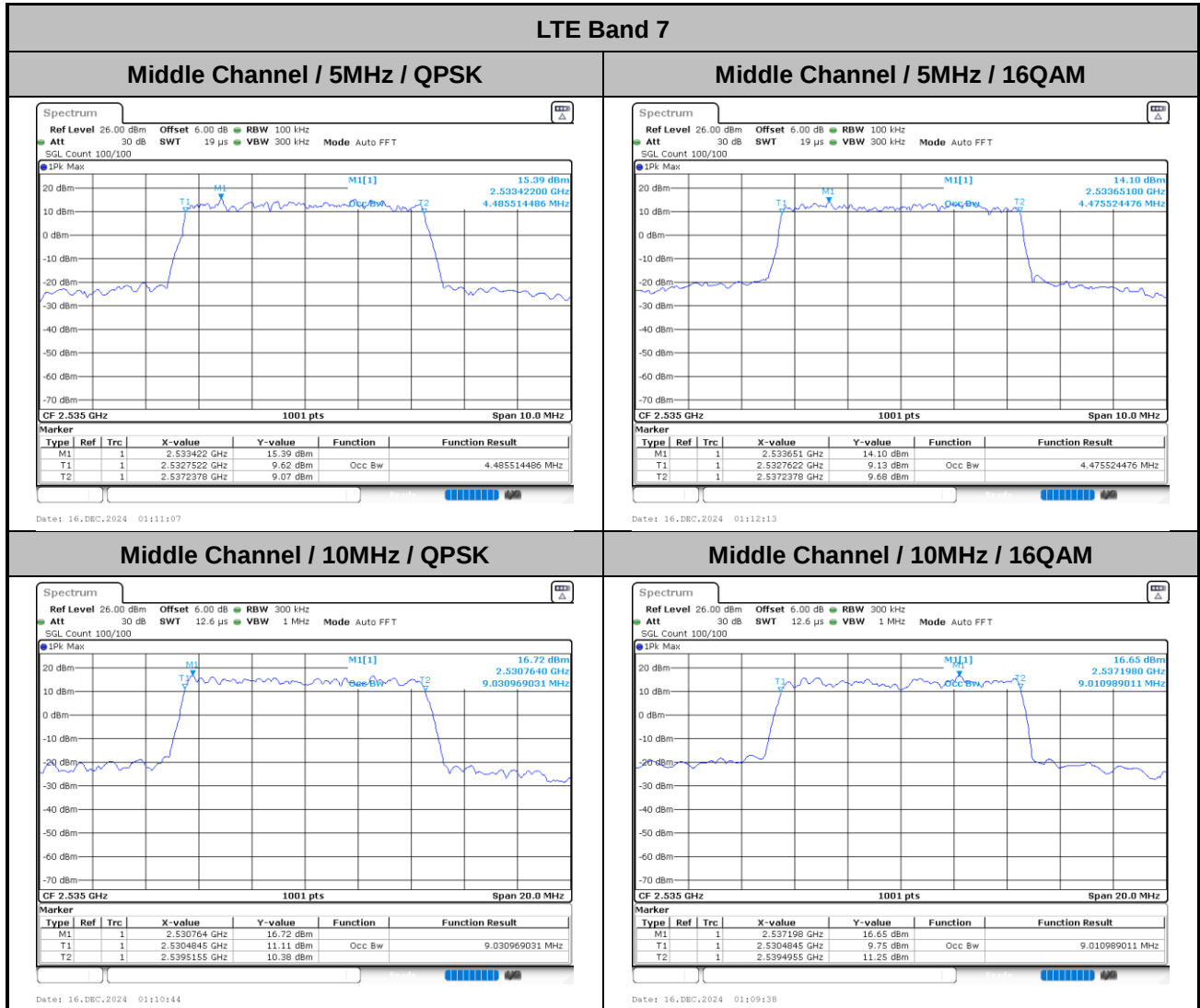


Date: 16,DEC,2024 01:07:03



Occupied Bandwidth

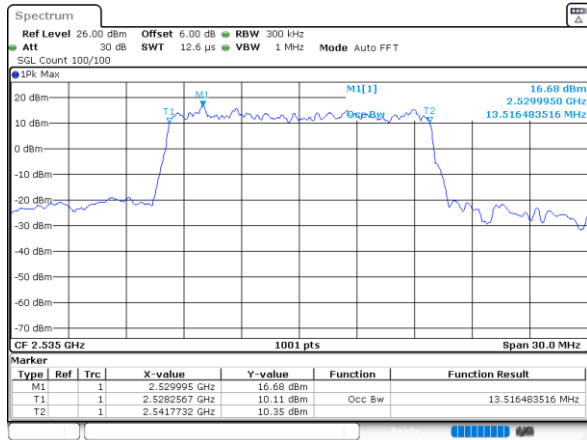
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.49	4.48	9.03	9.01	13.52	13.52	17.90	17.90



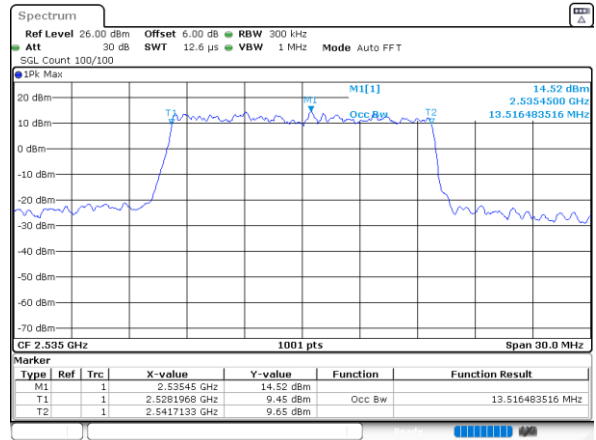


LTE Band 7

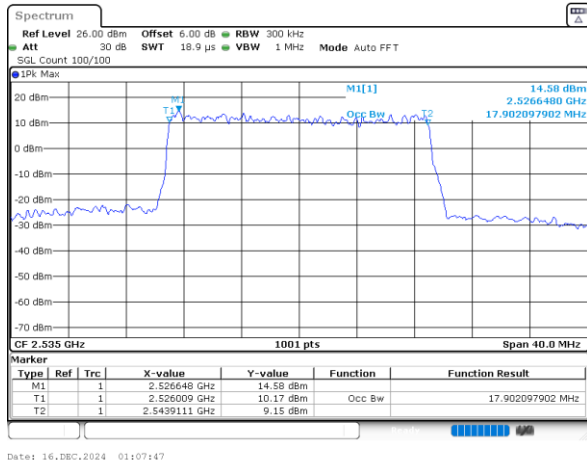
Middle Channel / 15MHz / QPSK



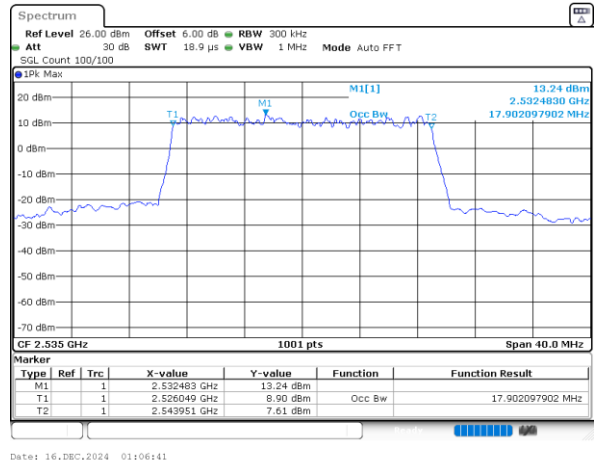
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

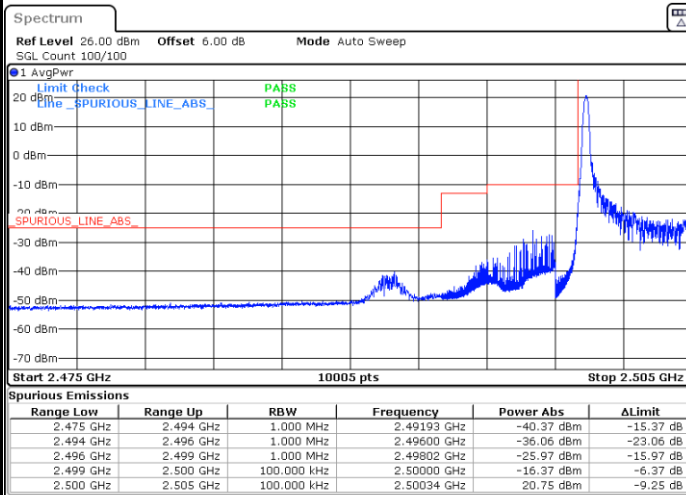




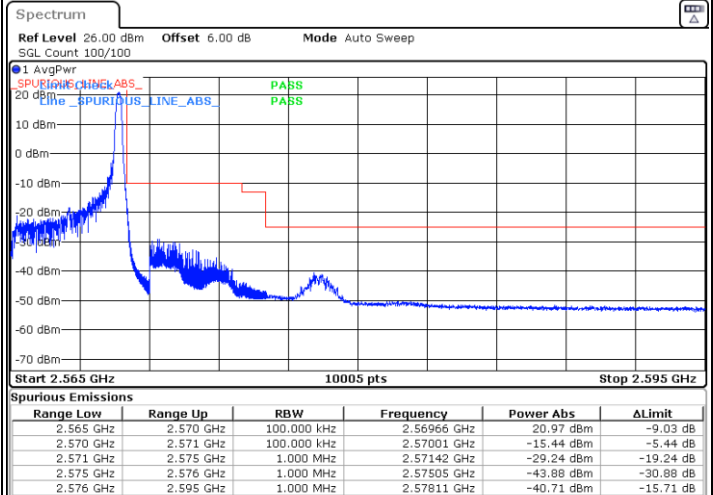
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

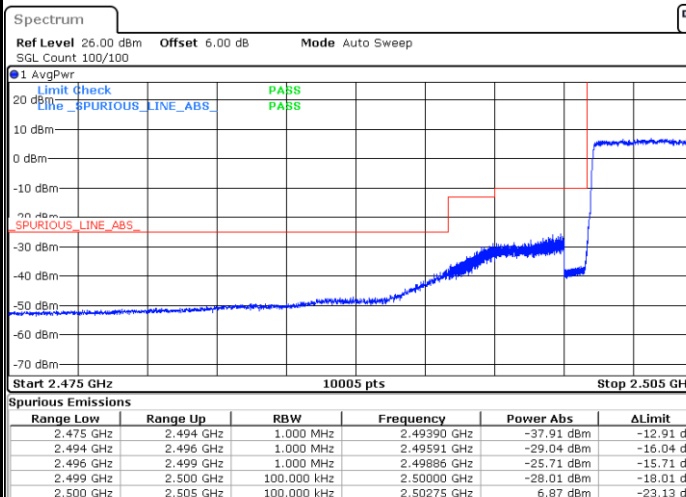
Lowest Band Edge / 1 RB



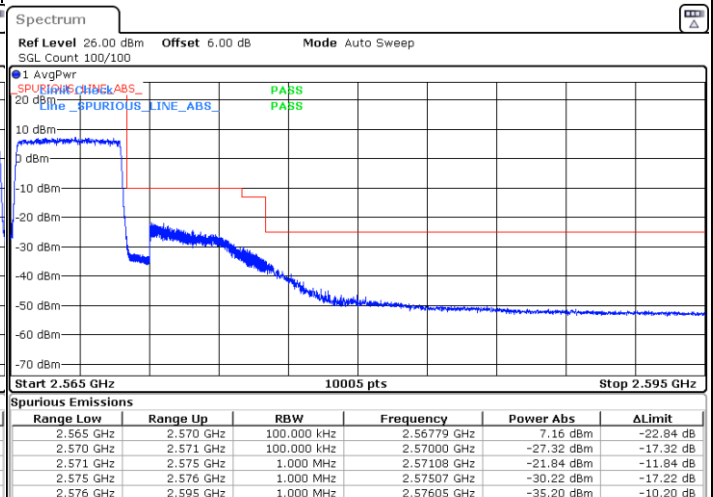
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



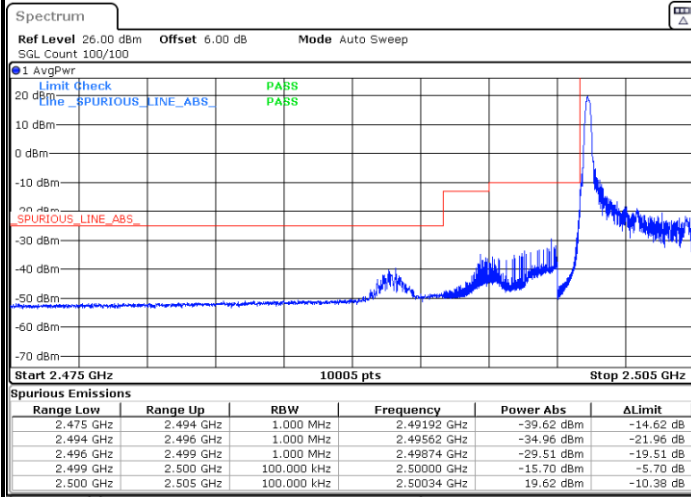
Highest Band Edge / Full RB



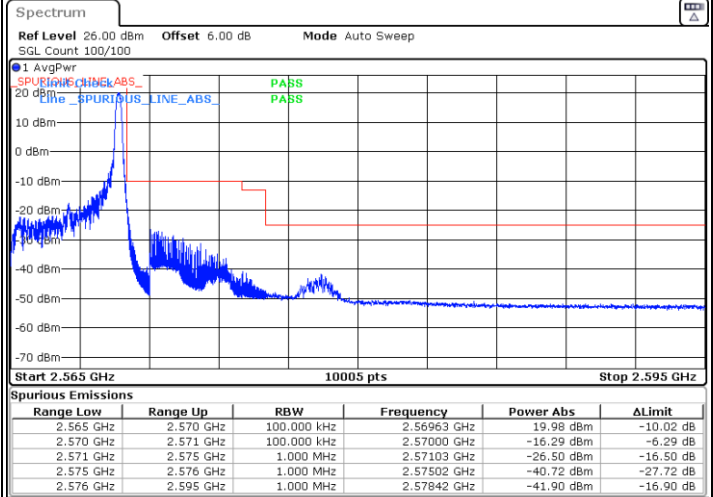


LTE Band 7 / 5MHz / 16QAM

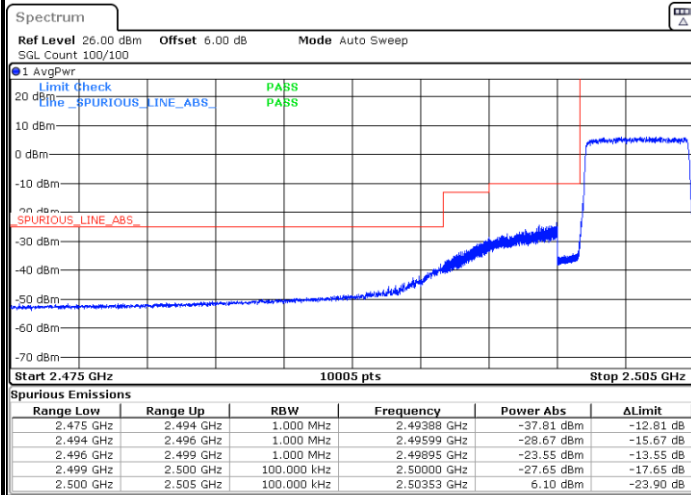
Lowest Band Edge / 1RB



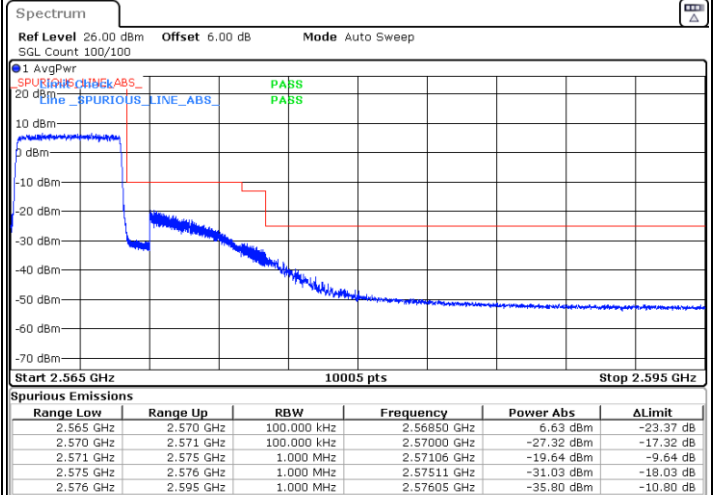
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



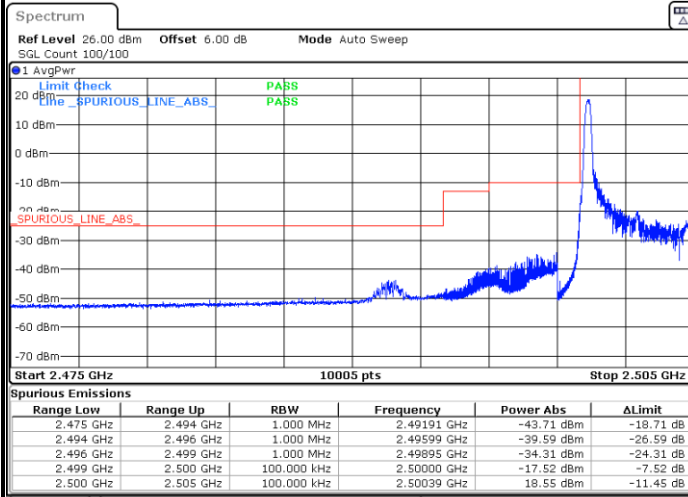
Highest Band Edge / Full RB



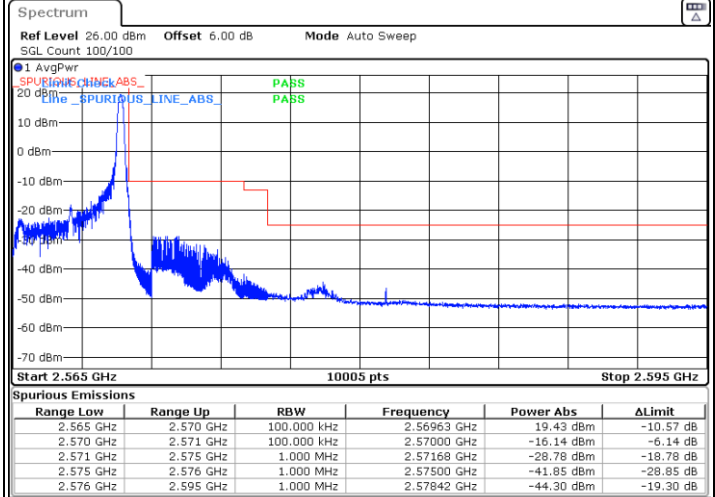


LTE Band 7 / 5MHz / 64QAM

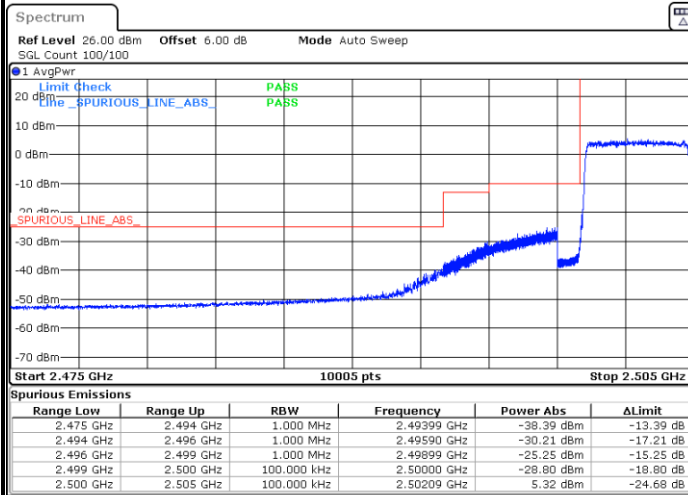
Lowest Band Edge / 1RB



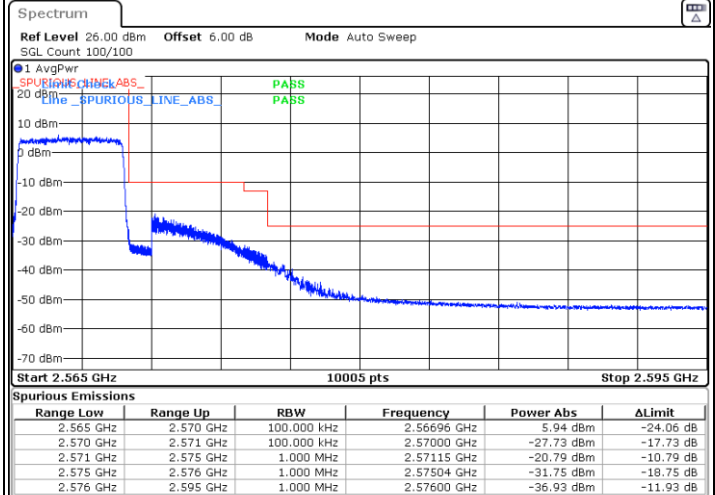
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



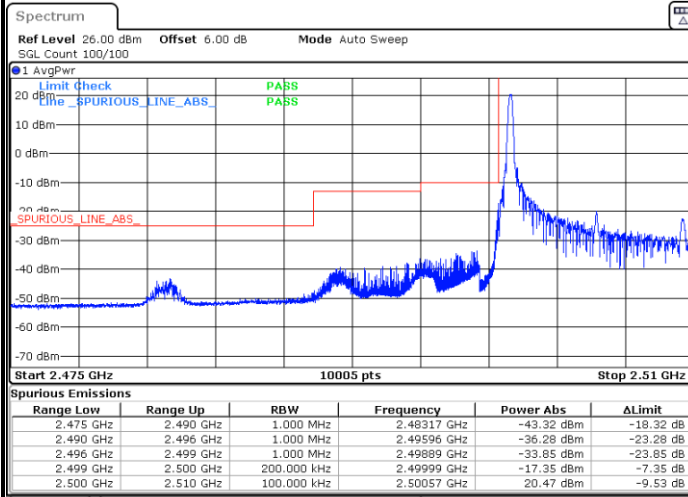
Highest Band Edge / Full RB



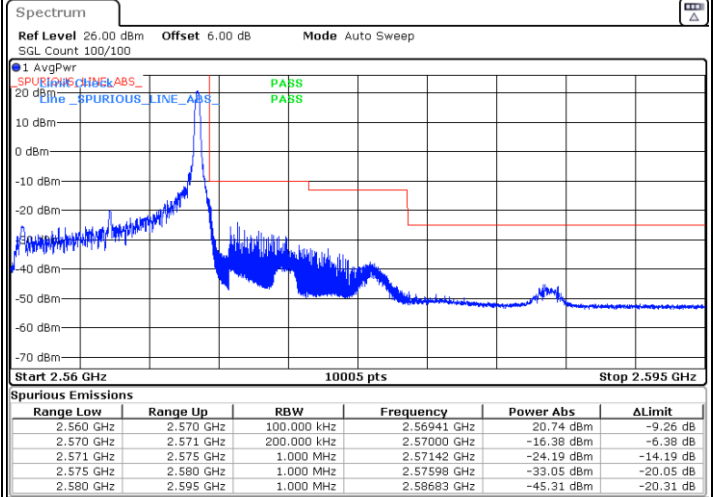


LTE Band 7 / 10MHz / QPSK

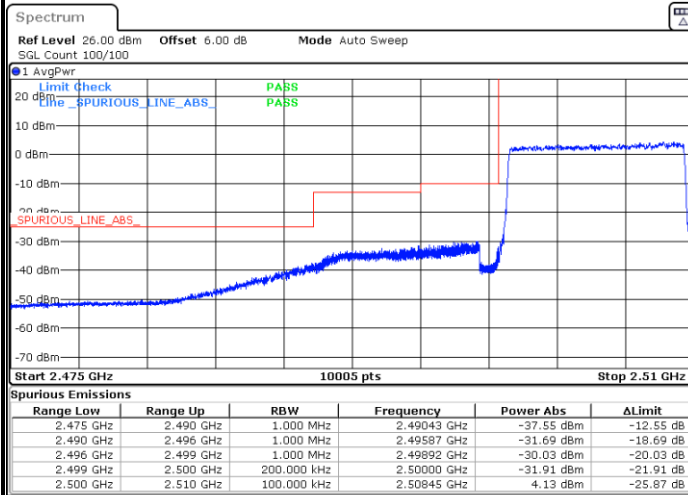
Lowest Band Edge / 1 RB



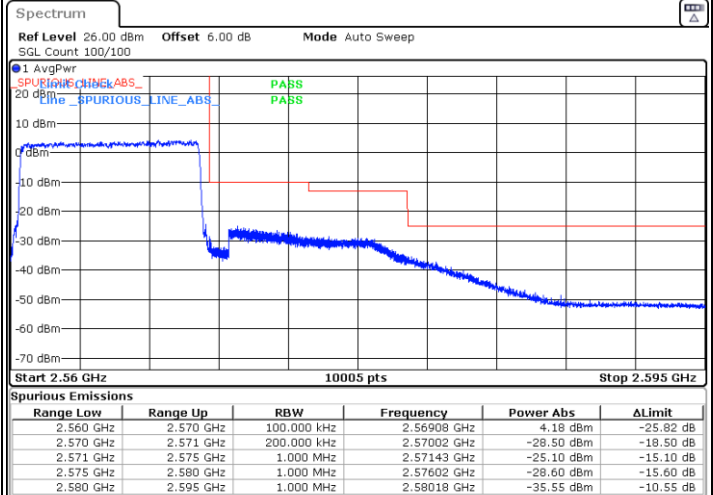
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



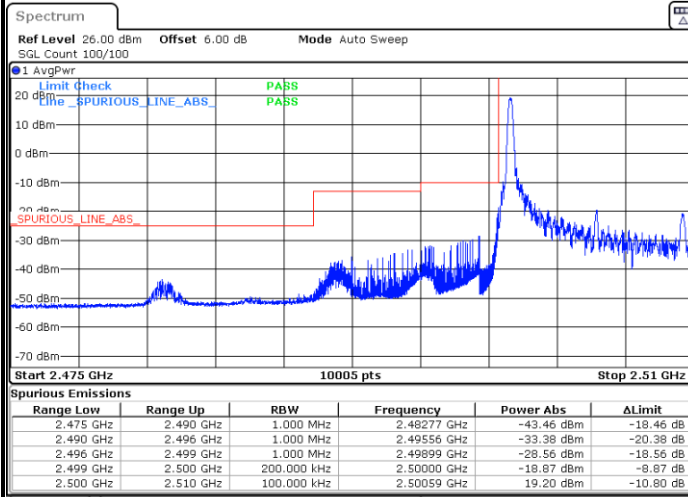
Highest Band Edge / Full RB



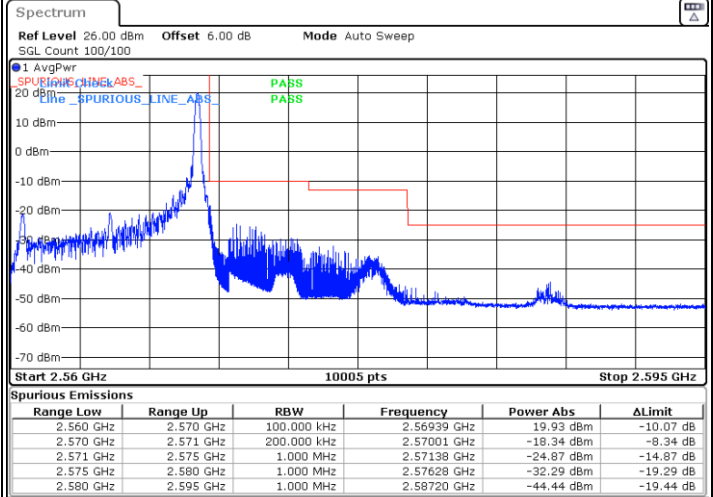


LTE Band 7 / 10MHz / 16QAM

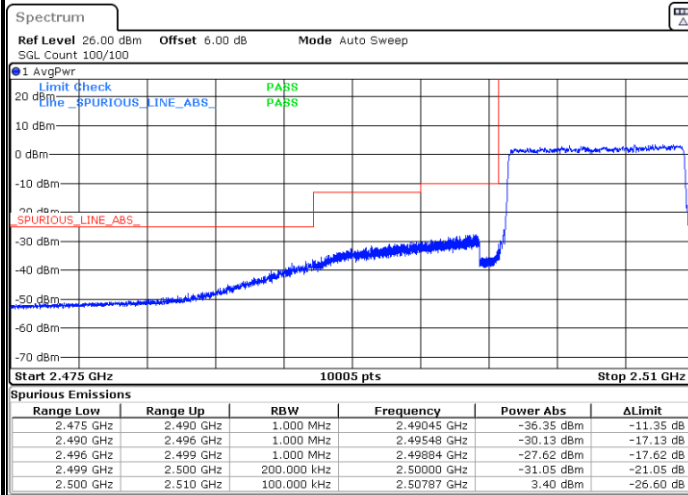
Lowest Band Edge / 1 RB



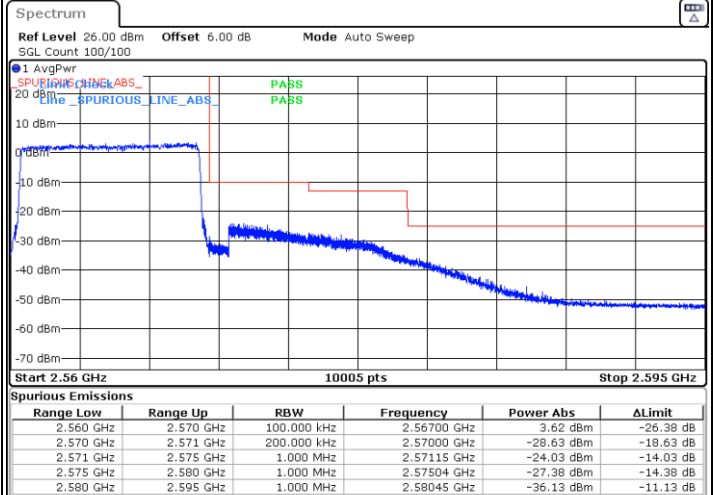
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



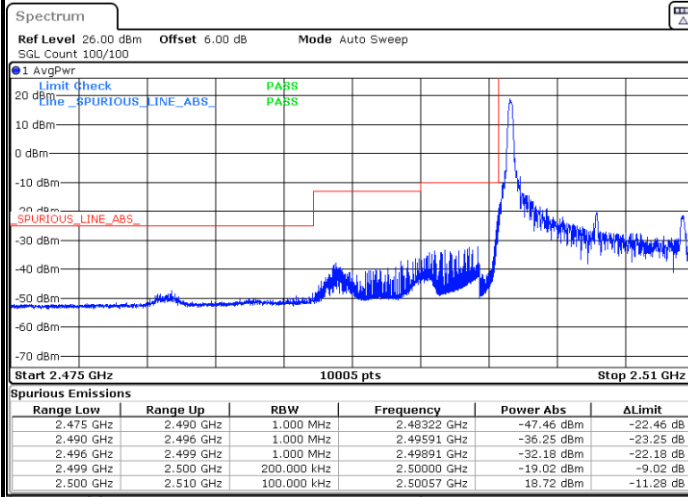
Highest Band Edge / Full RB



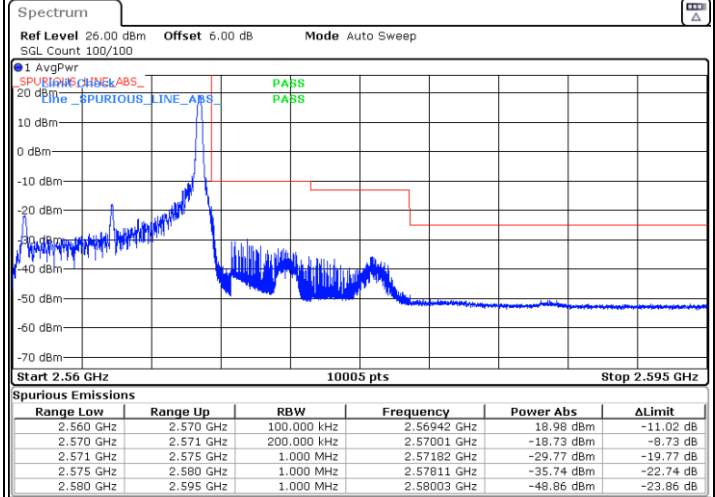


LTE Band 7 / 10MHz / 64QAM

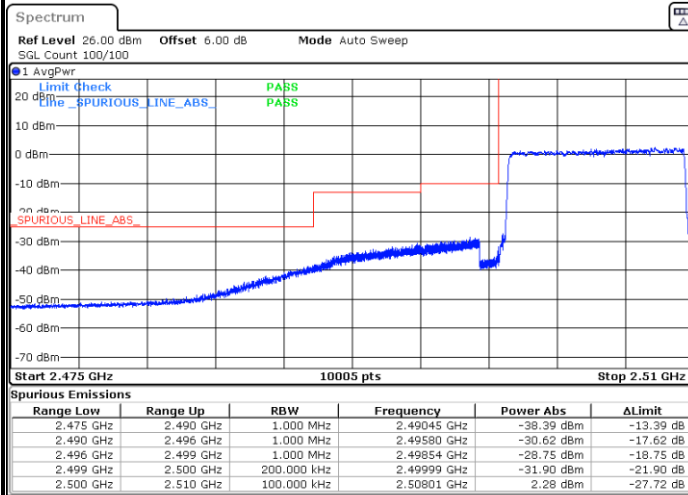
Lowest Band Edge / 1 RB



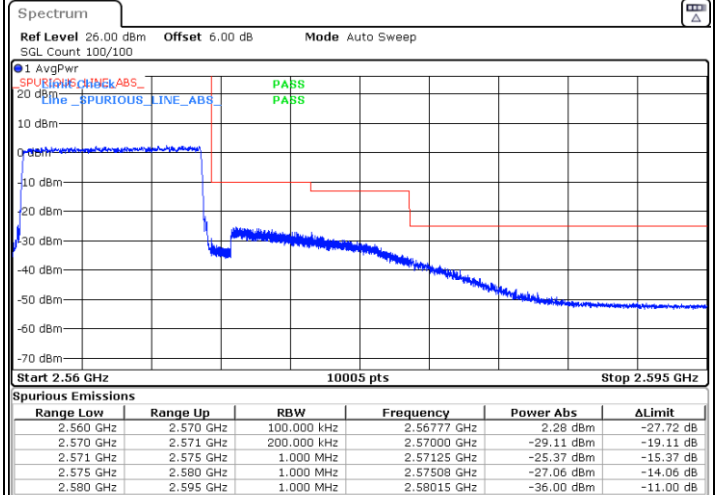
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



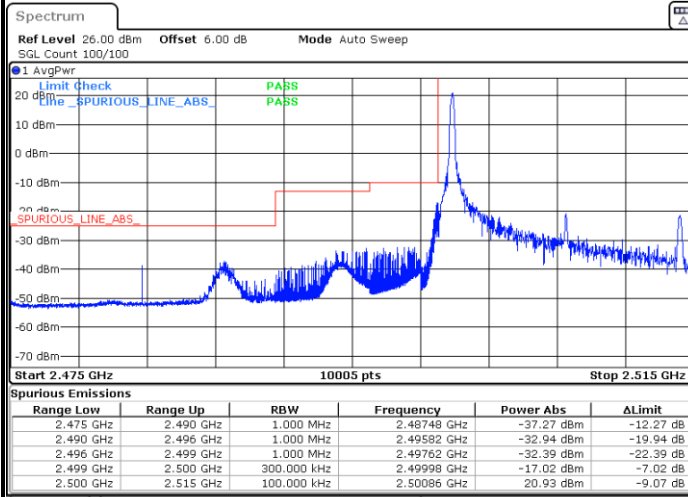
Highest Band Edge / Full RB



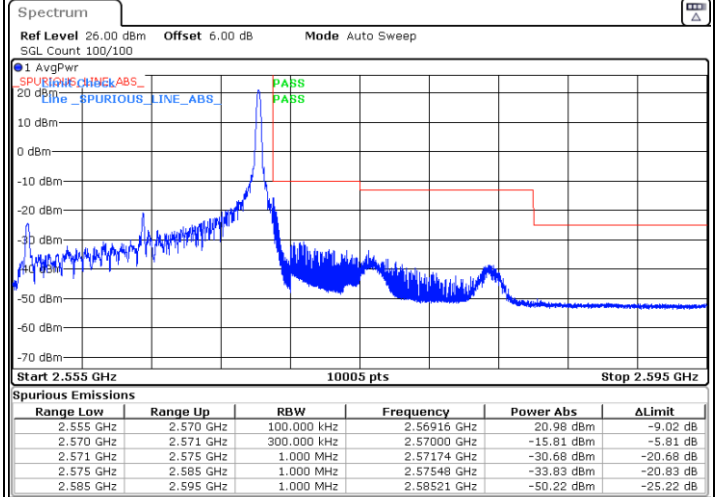


LTE Band 7 / 15MHz / QPSK

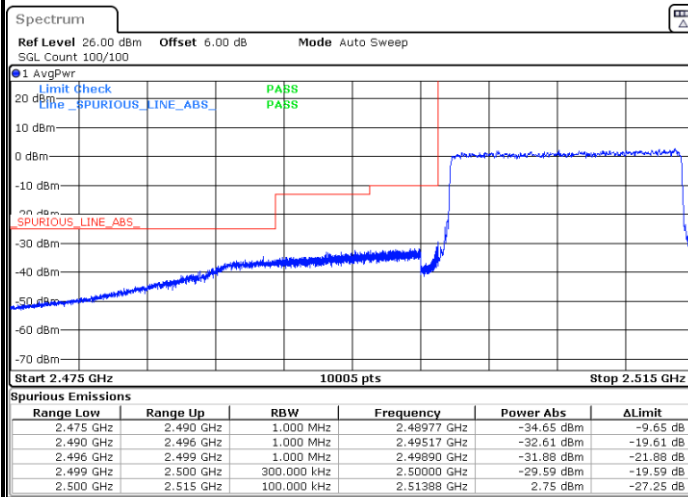
Lowest Band Edge / 1 RB



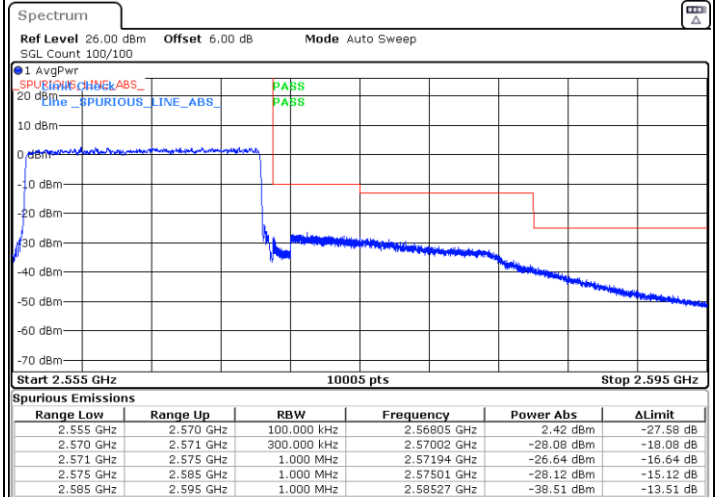
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



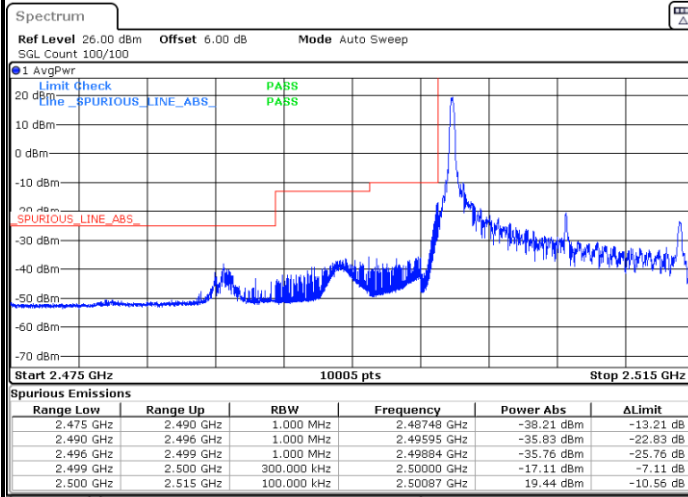
Highest Band Edge / Full RB



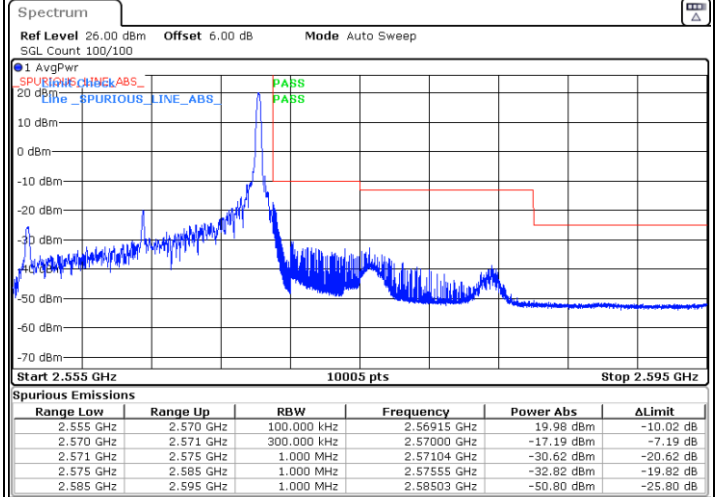


LTE Band 7 / 15MHz / 16QAM

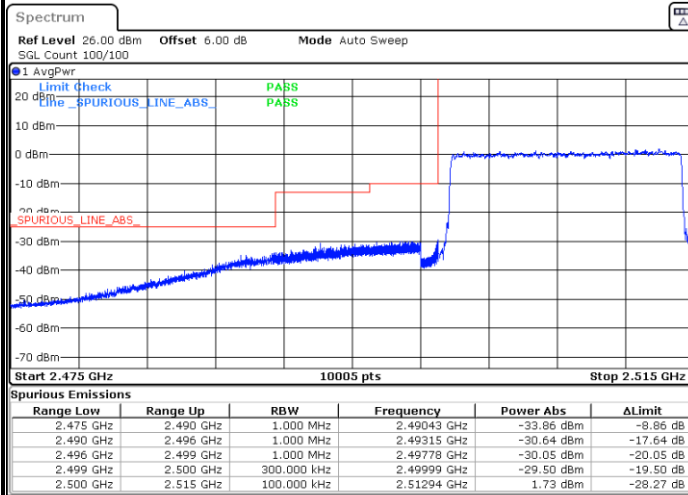
Lowest Band Edge / 1 RB



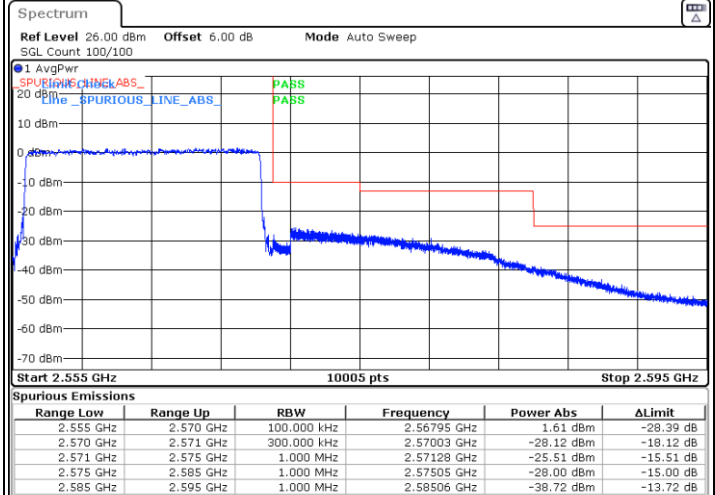
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



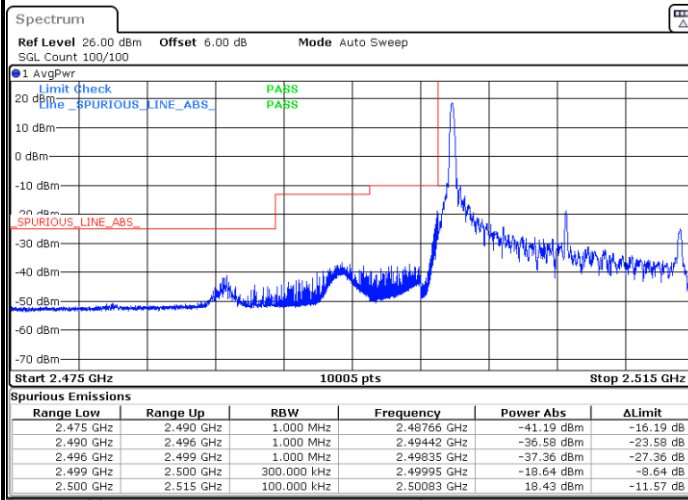
Highest Band Edge / Full RB



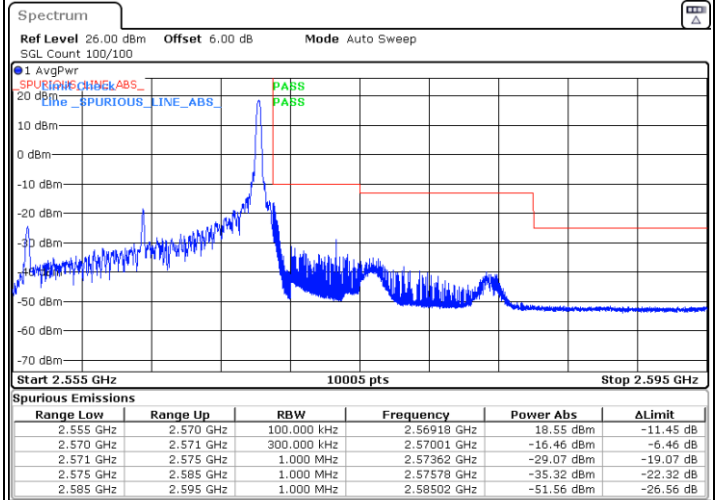


LTE Band 7 / 15MHz / 64QAM

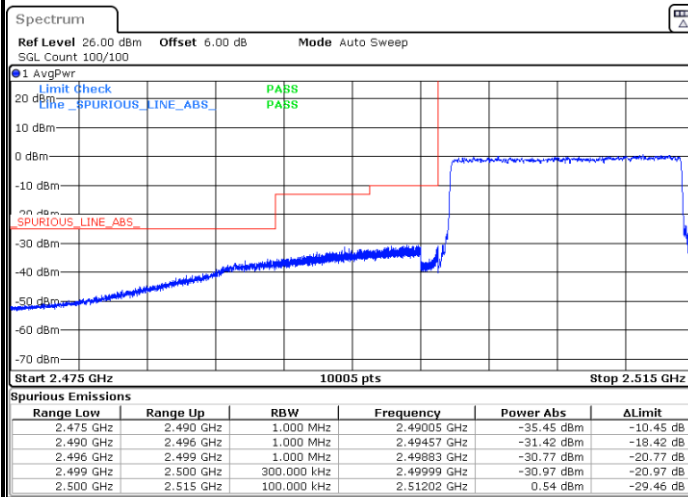
Lowest Band Edge / 1 RB



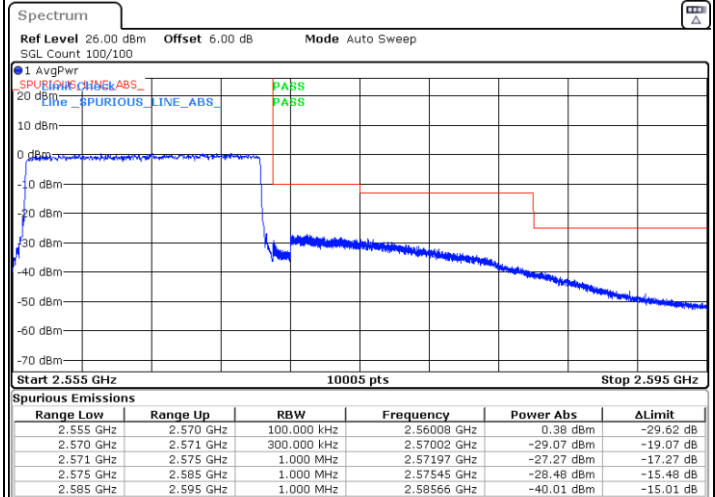
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



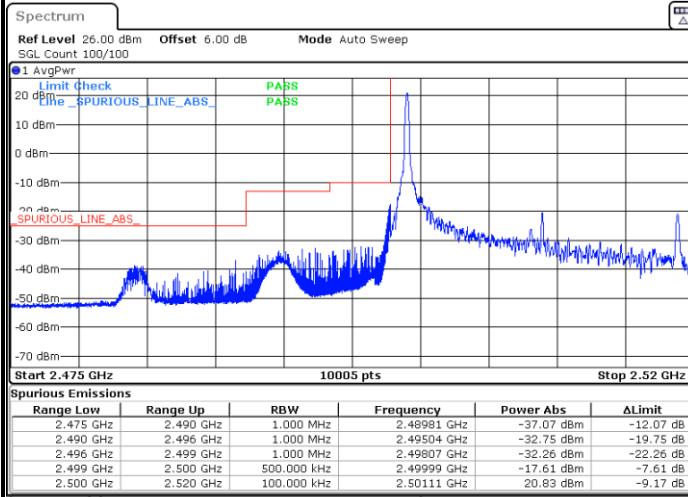
Highest Band Edge / Full RB



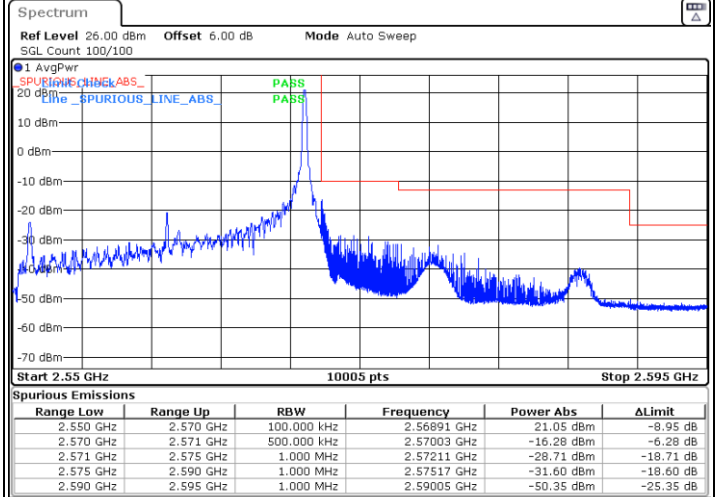


LTE Band 7 / 20MHz / QPSK

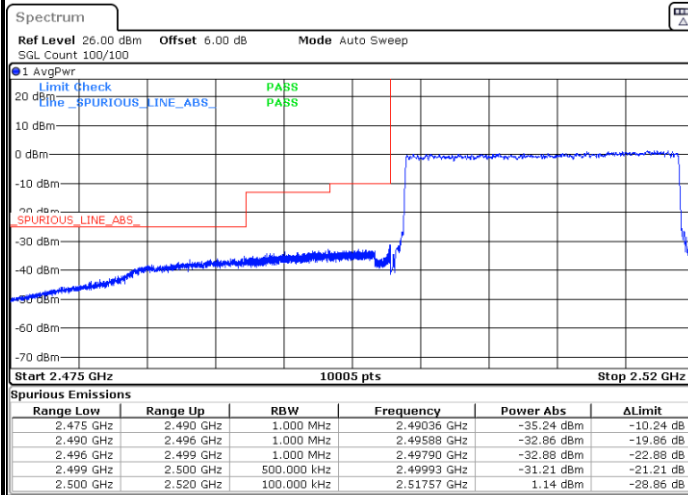
Lowest Band Edge / 1 RB



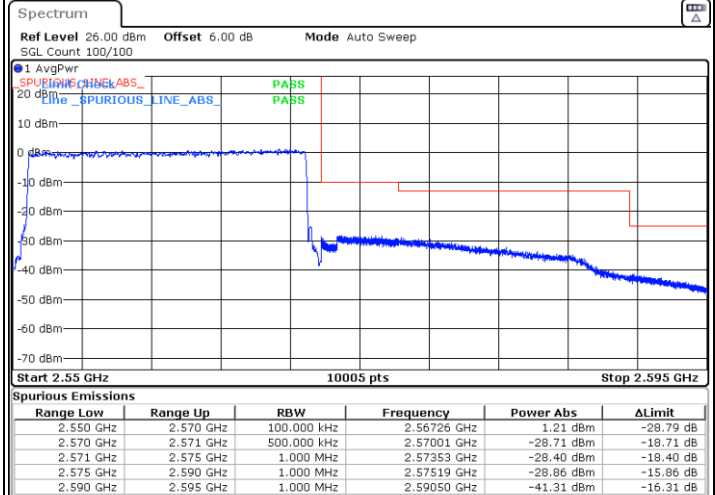
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



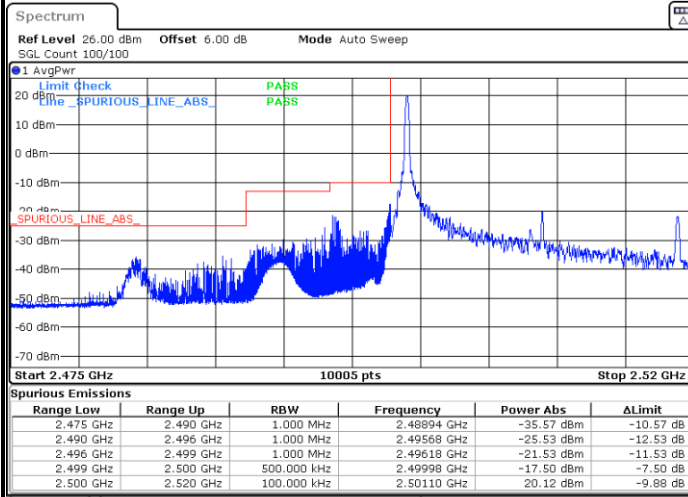
Highest Band Edge / Full RB



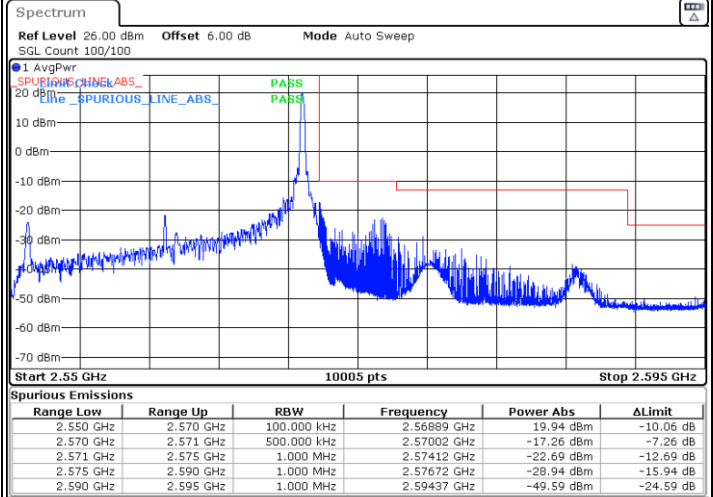


LTE Band 7 / 20MHz / 16QAM

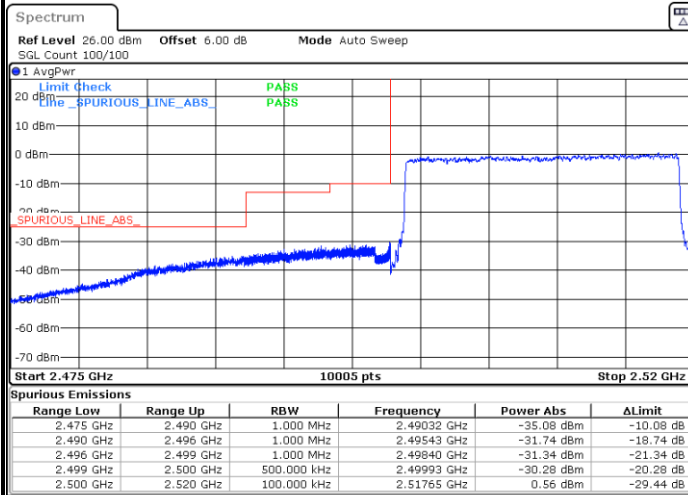
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

