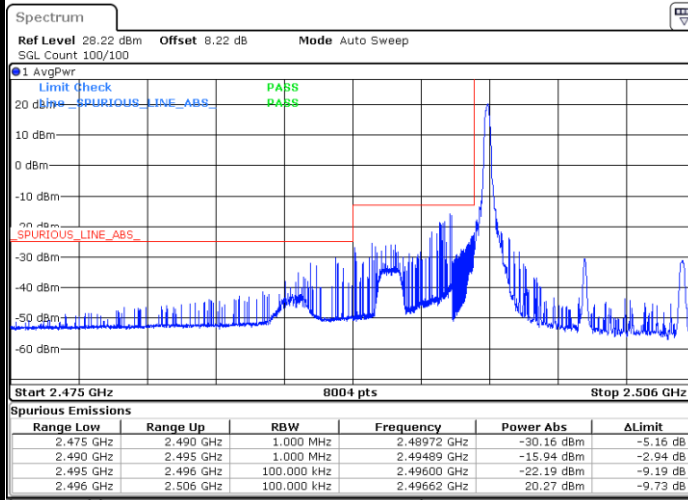


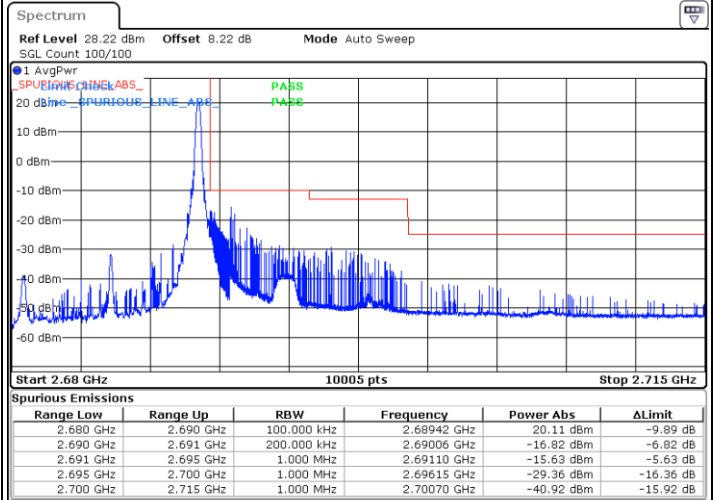


LTE Band 41 / 10MHz / QPSK

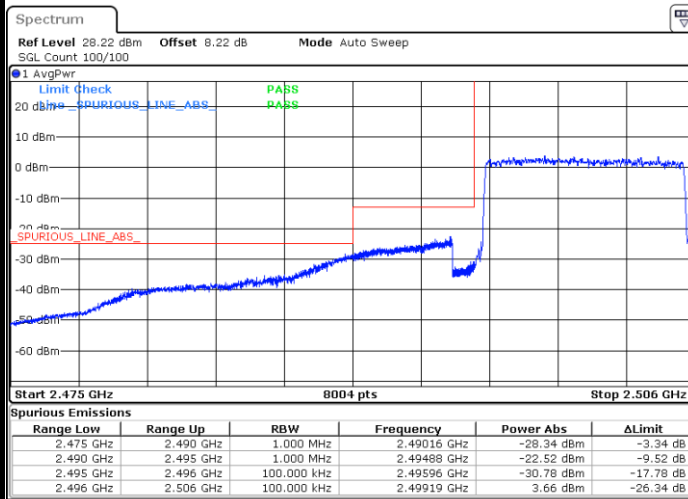
Lowest Band Edge / 1 RB



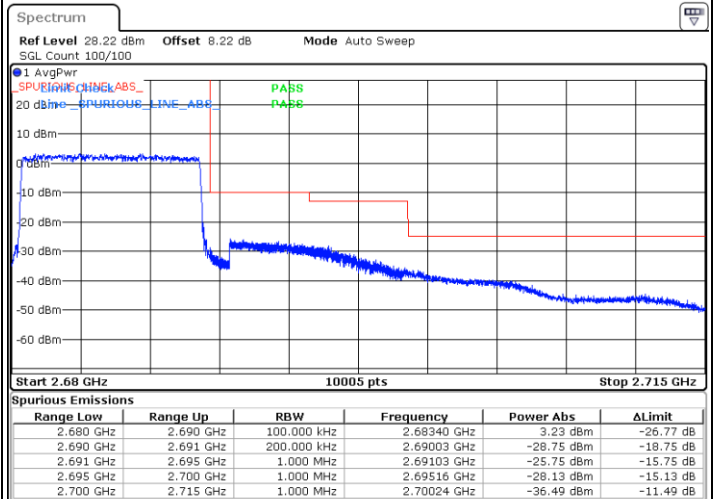
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



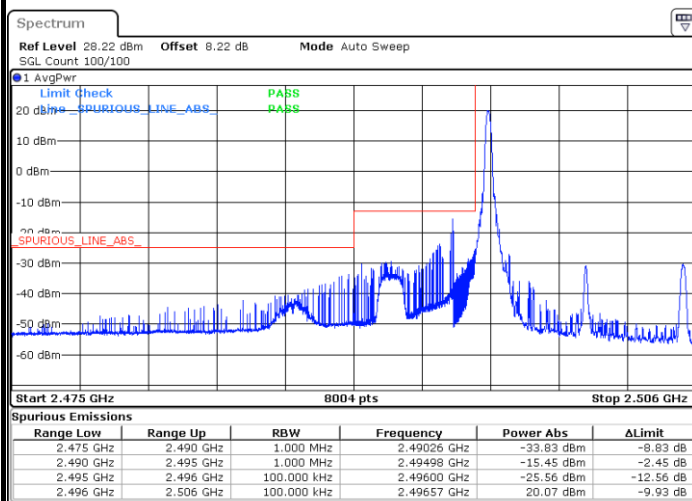
Highest Band Edge / Full RB



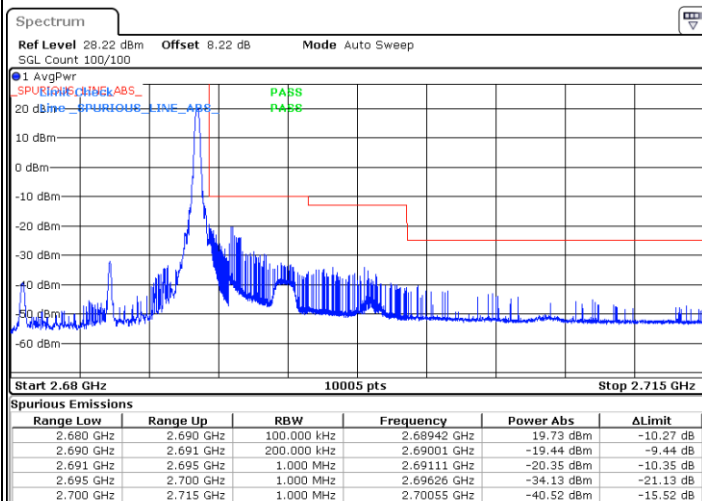


LTE Band 41 / 10MHz / 16QAM

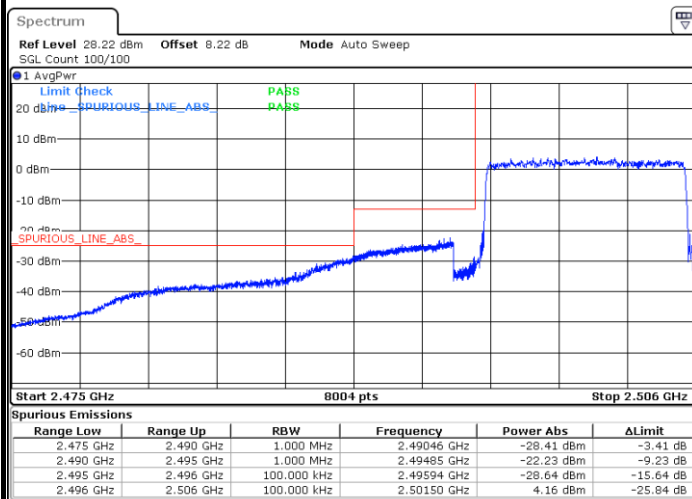
Lowest Band Edge / 1 RB



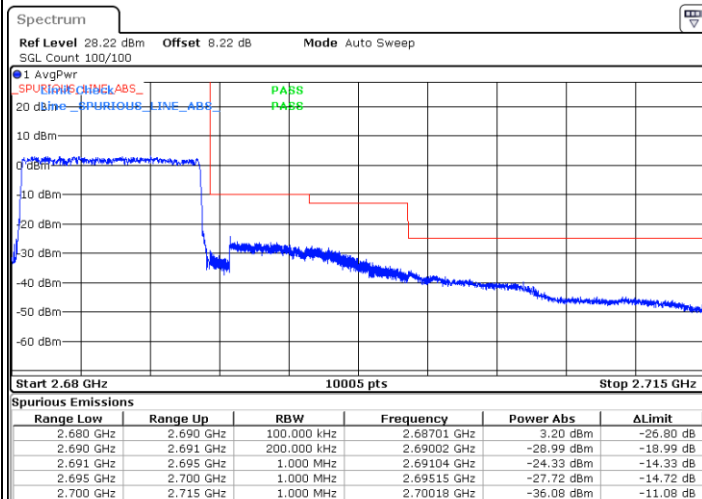
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



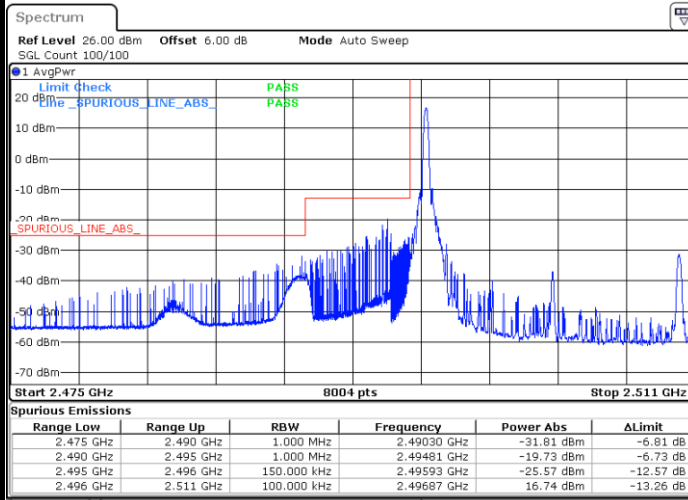
Highest Band Edge / Full RB





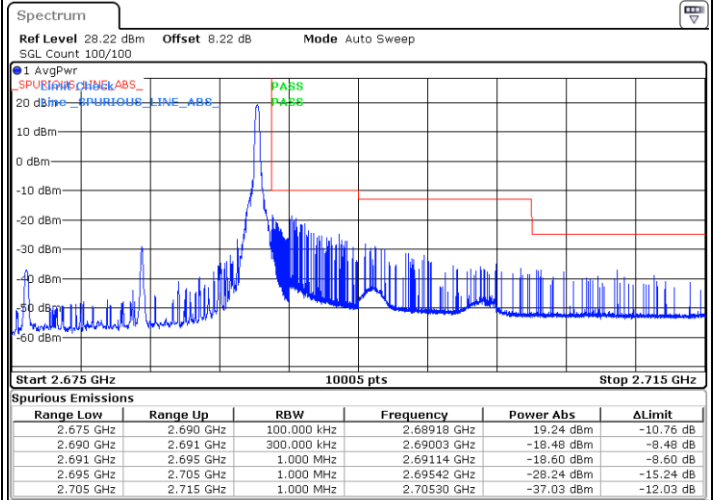
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



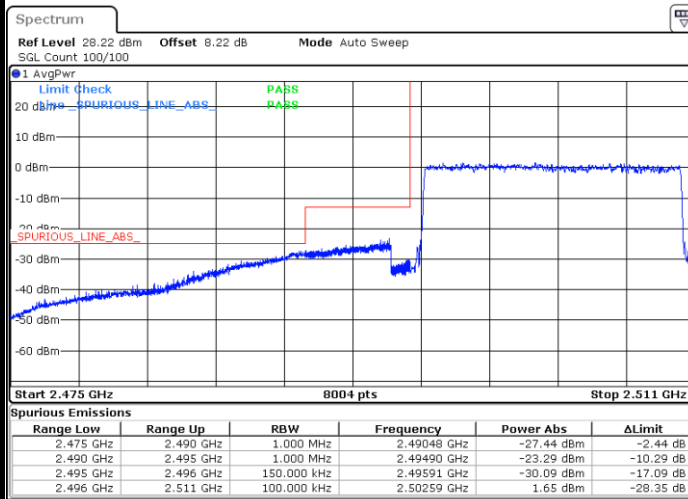
Date: 13 JAN 2023 23:53:33

Highest Band Edge / 1 RB



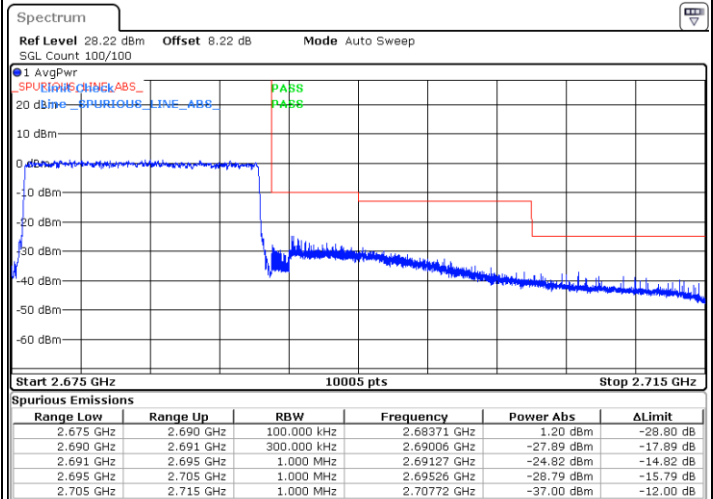
Date: 13 JAN 2023 22:26:33

Lowest Band Edge / Full RB



Date: 13 JAN 2023 22:17:59

Highest Band Edge / Full RB

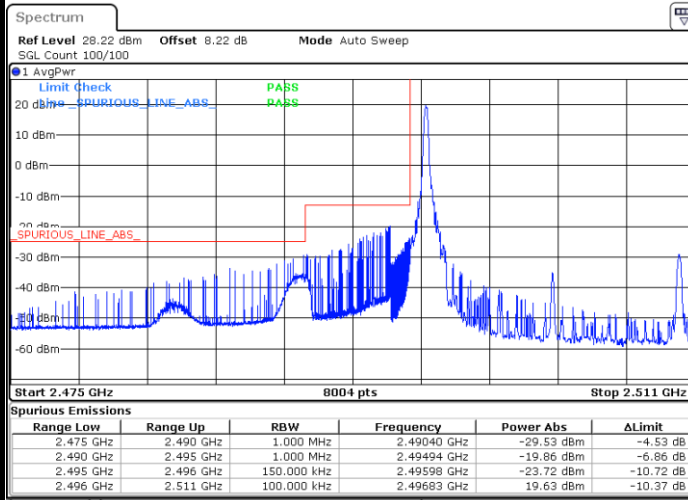


Date: 13 JAN 2023 22:31:13

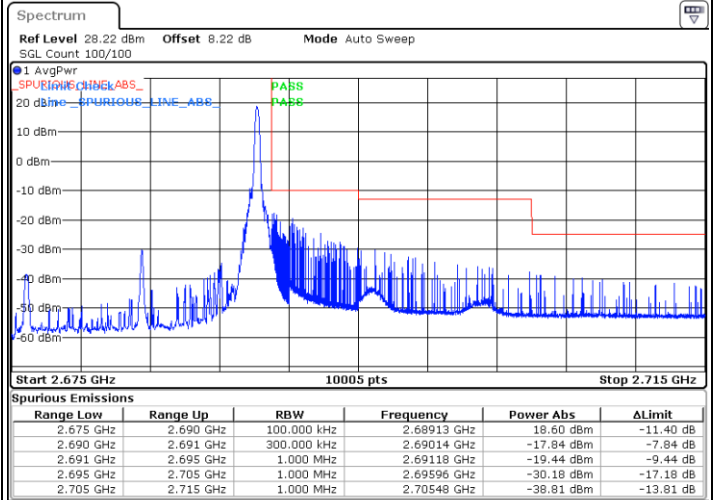


LTE Band 41 / 15MHz / 16QAM

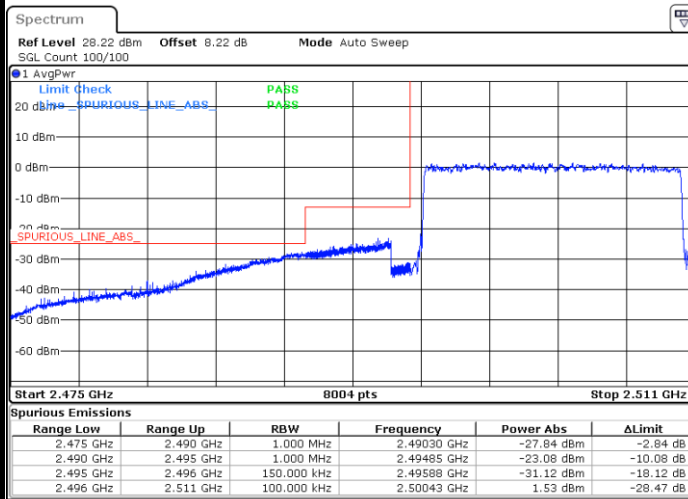
Lowest Band Edge / 1 RB



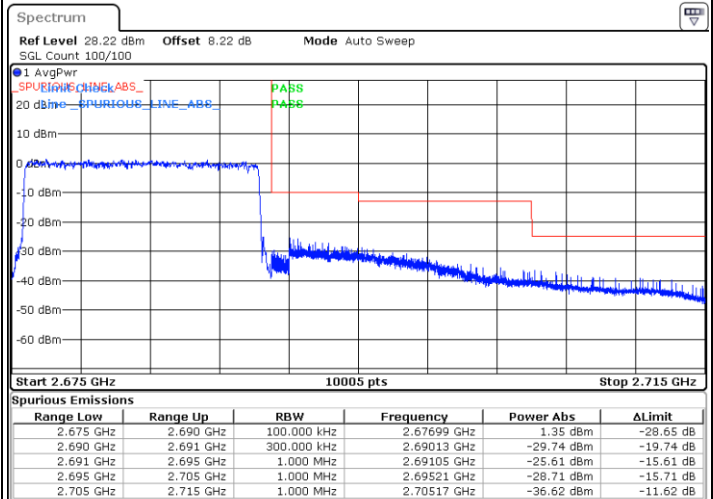
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



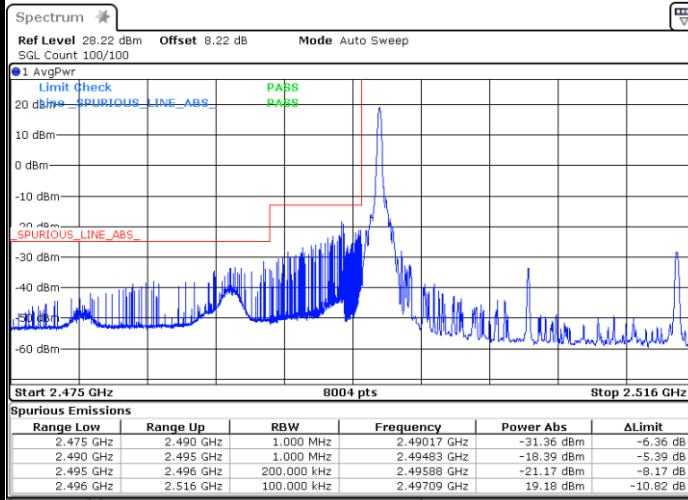
Highest Band Edge / Full RB





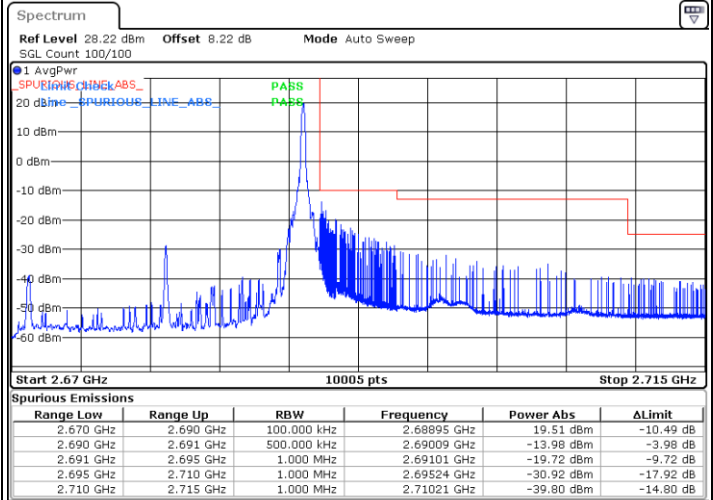
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



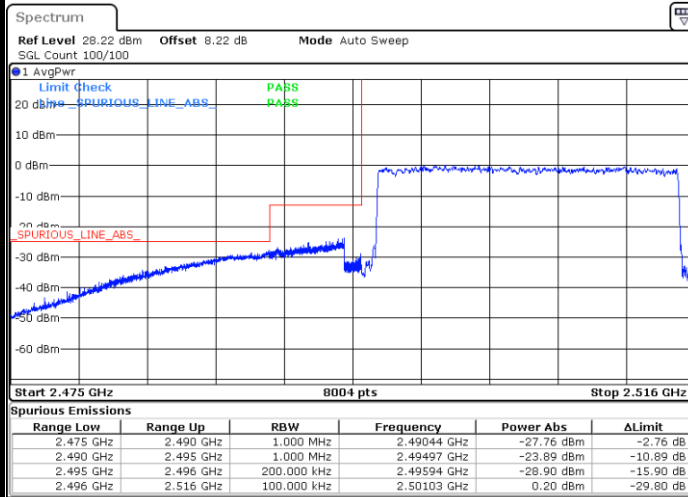
Date: 13 JAN 2023 22:37:56

Highest Band Edge / 1 RB



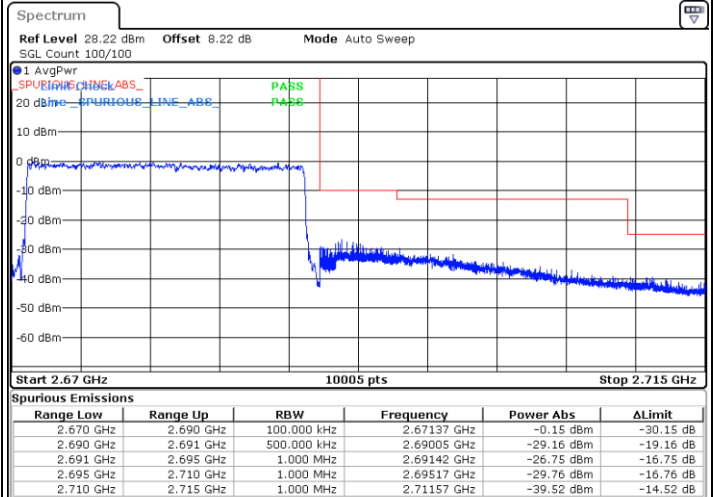
Date: 13 JAN 2023 23:39:28

Lowest Band Edge / Full RB



Date: 13 JAN 2023 23:18:37

Highest Band Edge / Full RB

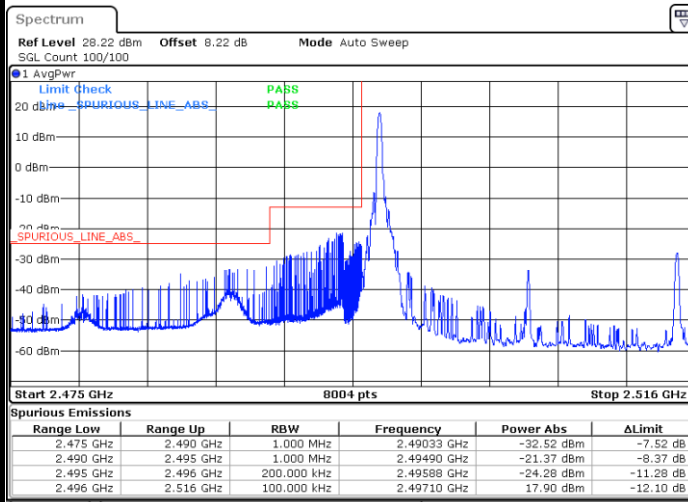


Date: 13 JAN 2023 23:31:44

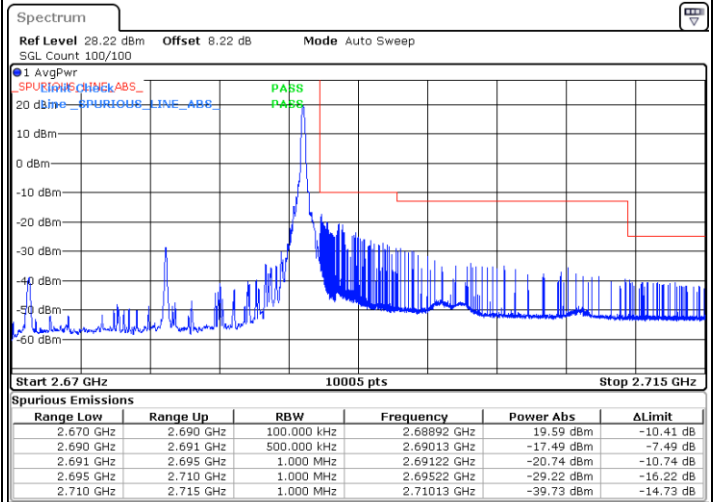


LTE Band 41 / 20MHz / 16QAM

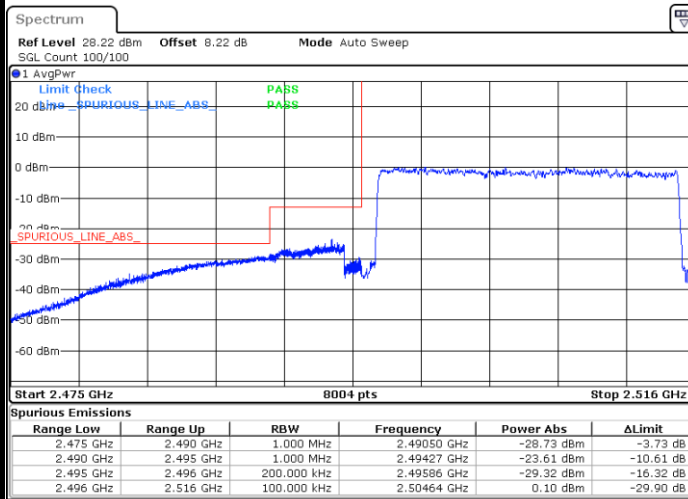
Lowest Band Edge / 1 RB



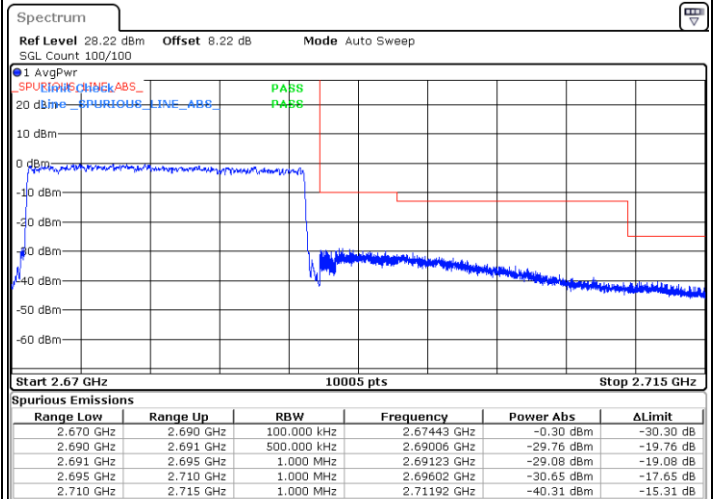
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

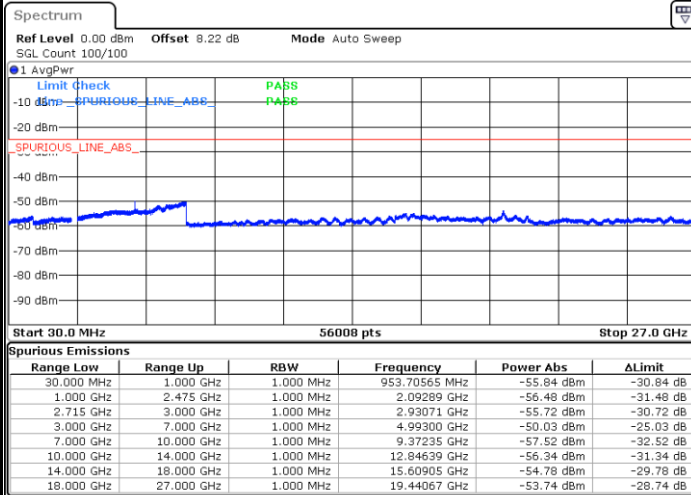




Conducted Spurious Emission

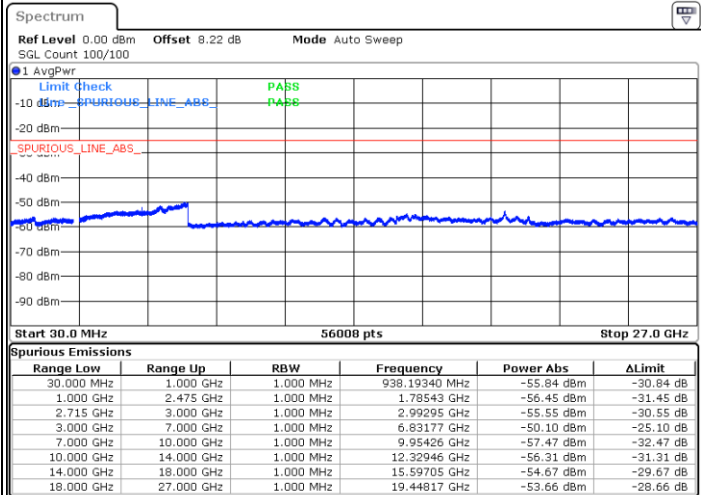
LTE Band 41 / 5MHz

Lowest Channel / QPSK



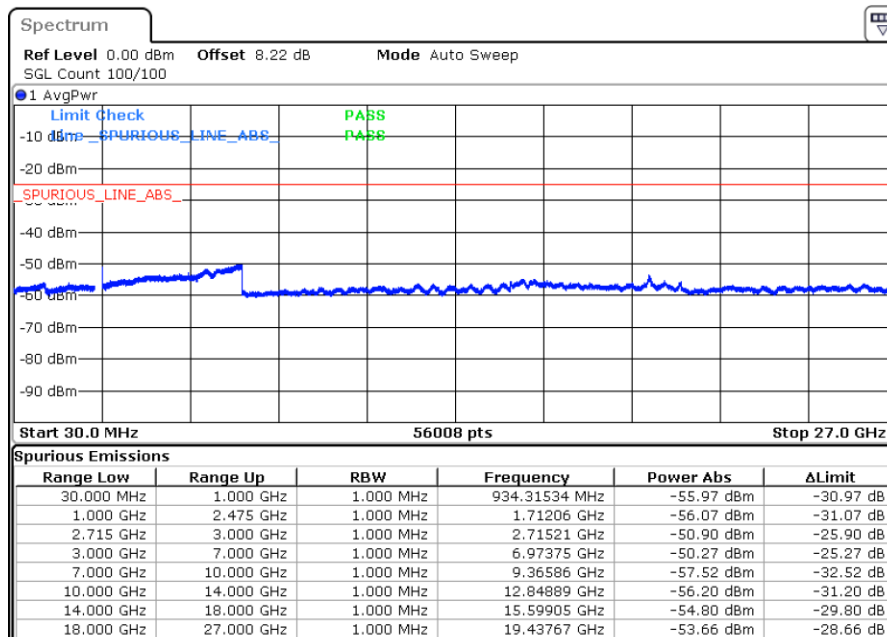
Date: 13 JAN 2023 20:58:56

Middle Channel / QPSK



Date: 13 JAN 2023 21:14:50

Highest Channel / QPSK

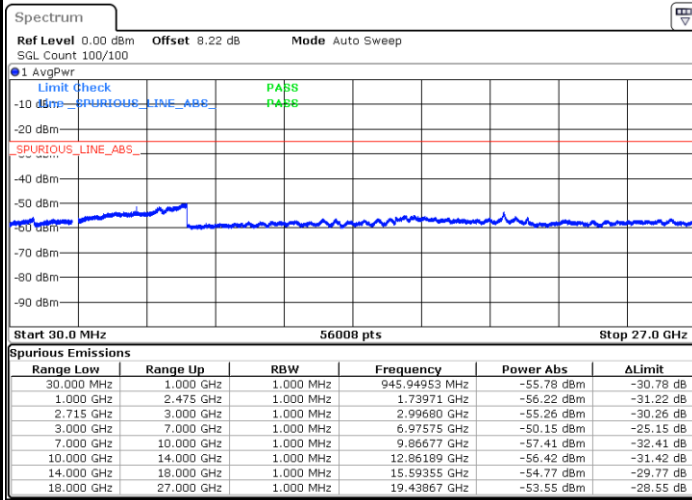


Date: 13 JAN 2023 21:21:56



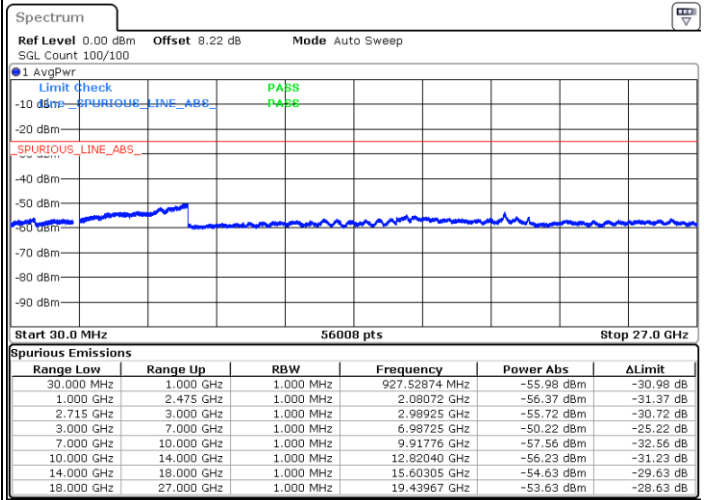
LTE Band 41 / 10MHz

Lowest Channel / QPSK



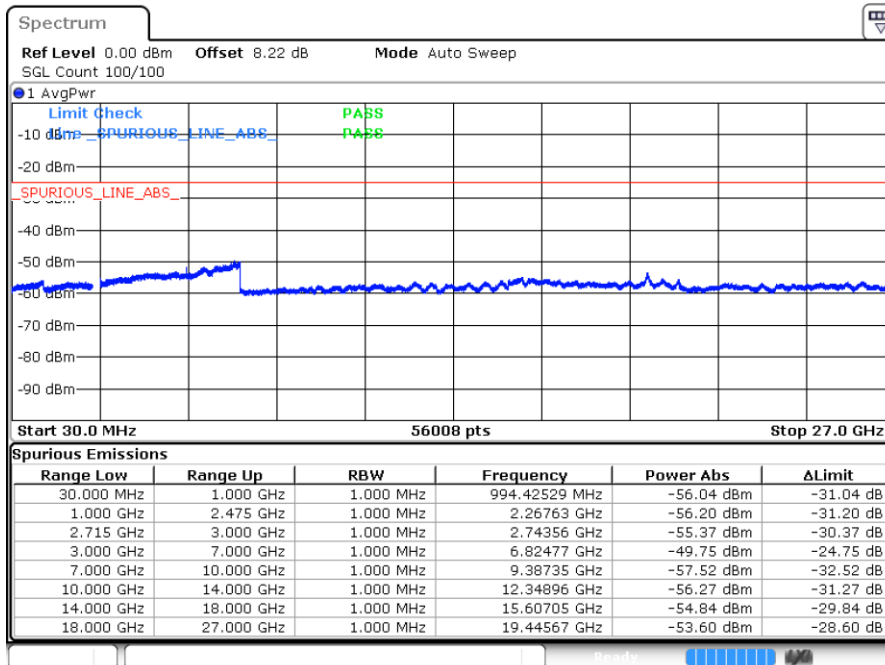
Date: 13 JAN 2023 21:35:58

Middle Channel / QPSK



Date: 13 JAN 2023 21:58:12

Highest Channel / QPSK

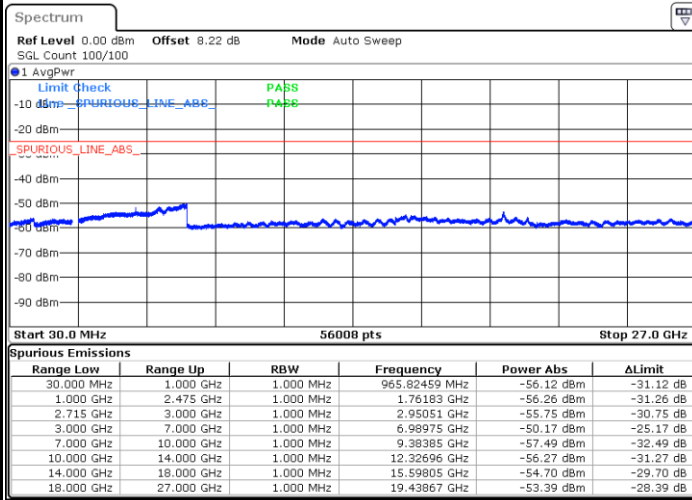


Date: 13 JAN 2023 22:00:01



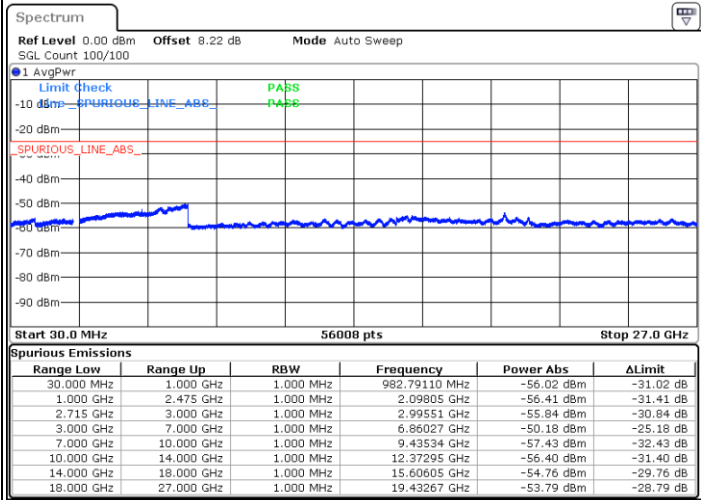
LTE Band 41 / 15MHz

Lowest Channel / QPSK



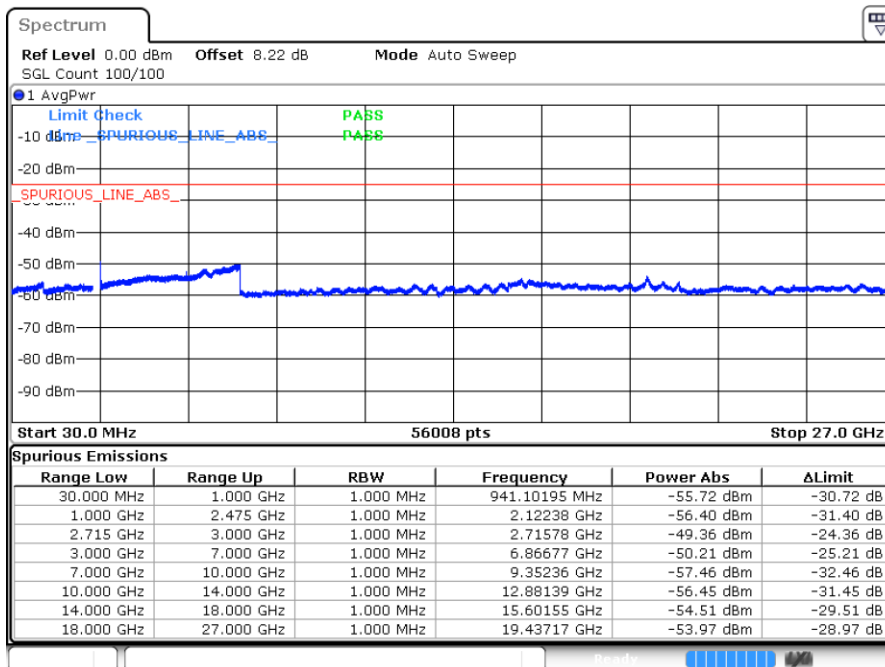
Date: 13 JAN 2023 22:12:15

Middle Channel / QPSK



Date: 13 JAN 2023 22:23:43

Highest Channel / QPSK

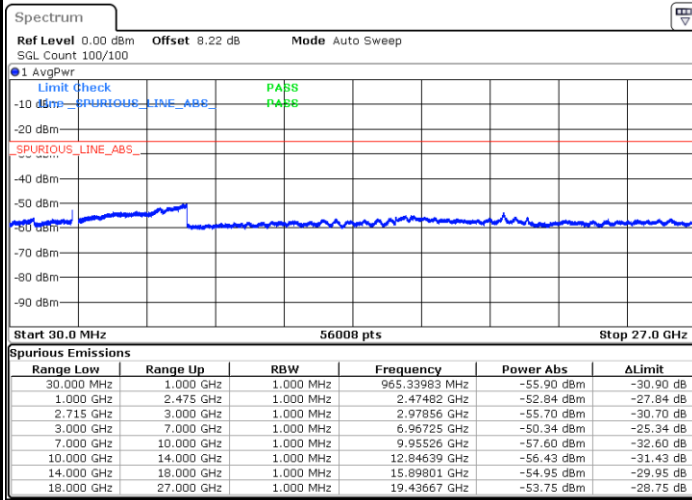


Date: 13 JAN 2023 22:25:11



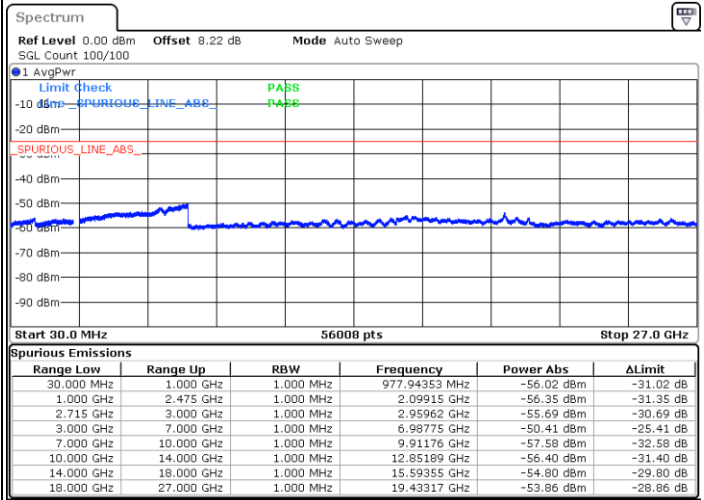
LTE Band 41 / 20MHz

Lowest Channel / QPSK



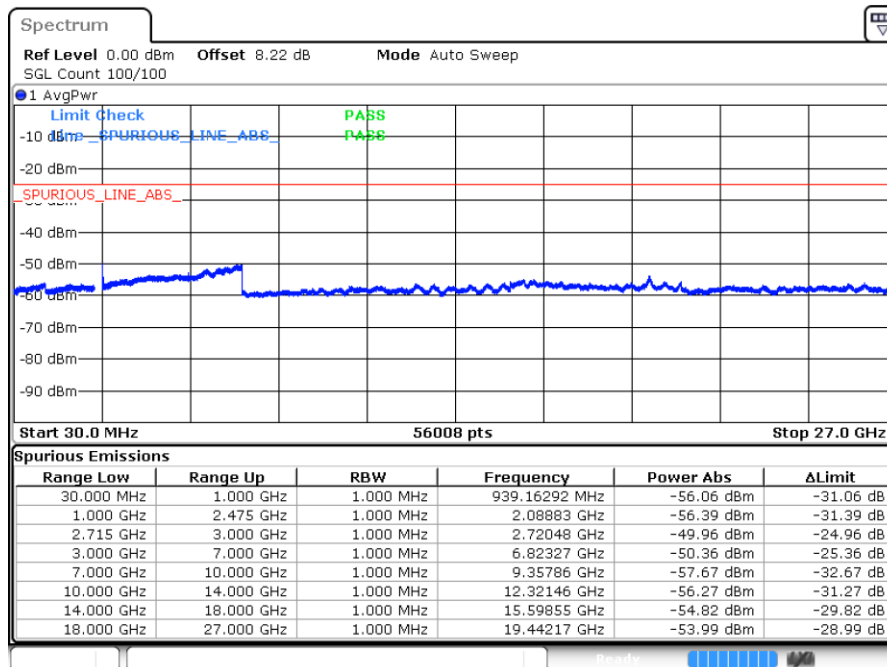
Date: 13 JAN 2023 22:36:47

Middle Channel / QPSK



Date: 13 JAN 2023 23:23:32

Highest Channel / QPSK



Date: 13 JAN 2023 23:25:27

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	0.0024	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	End Point	0.0016	

Note:

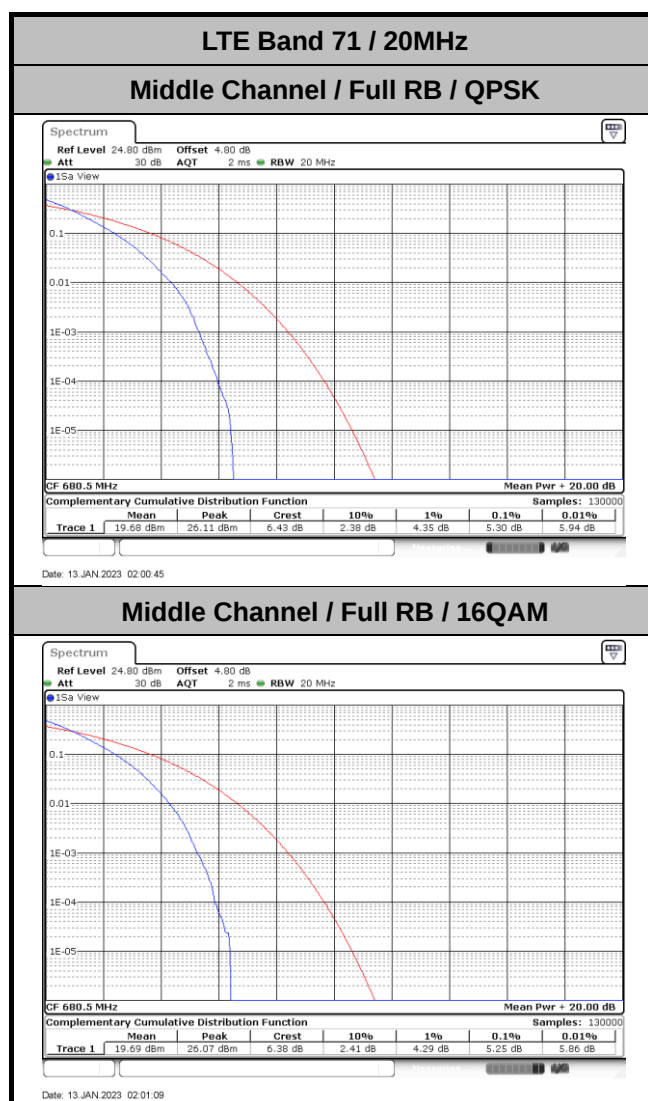
1. Normal Voltage =3.8 V. ; End Point (BEP) =3.55 V. ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

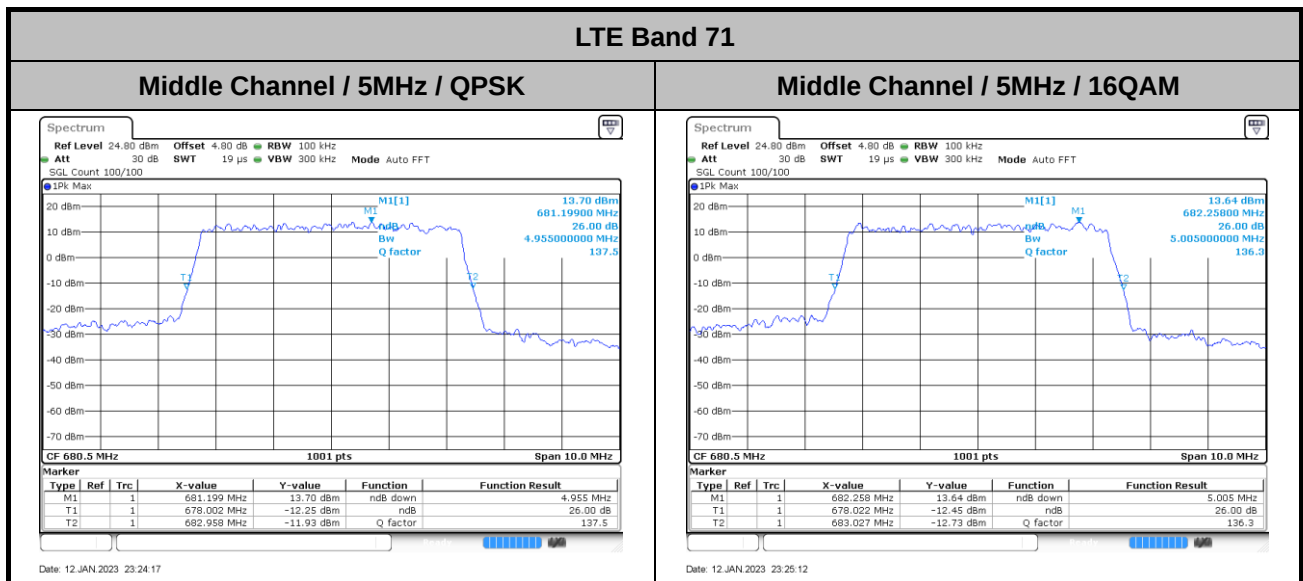
Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.30	5.25	PASS



**26dB Bandwidth**

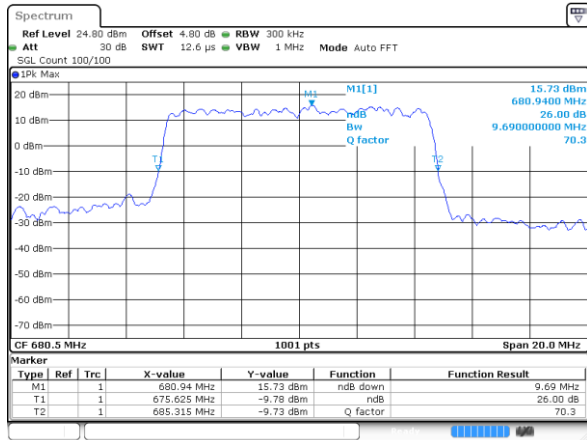
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.96	5.01
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.69	9.79
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.30	14.45
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.82	19.18



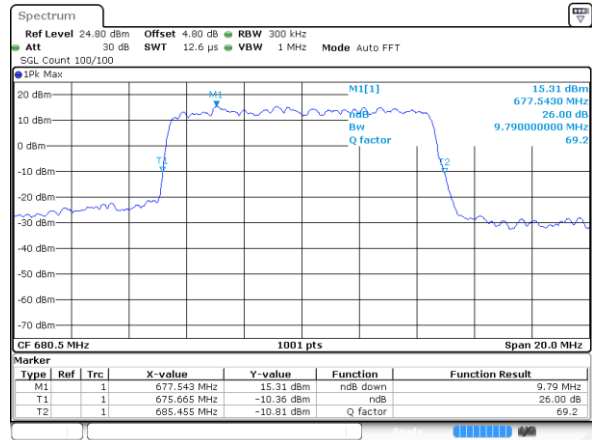


LTE Band 71

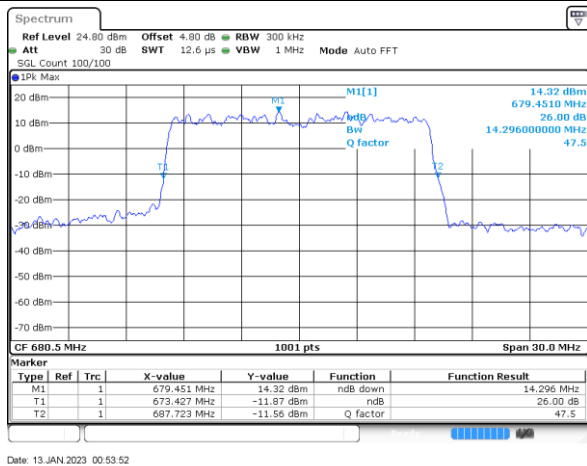
Middle Channel / 10MHz / QPSK



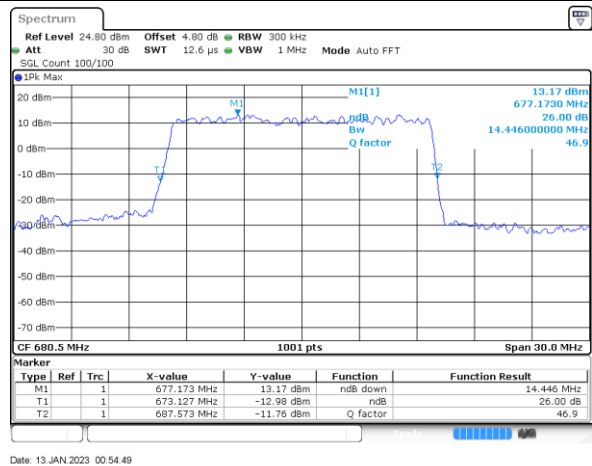
Middle Channel / 10MHz / 16QAM



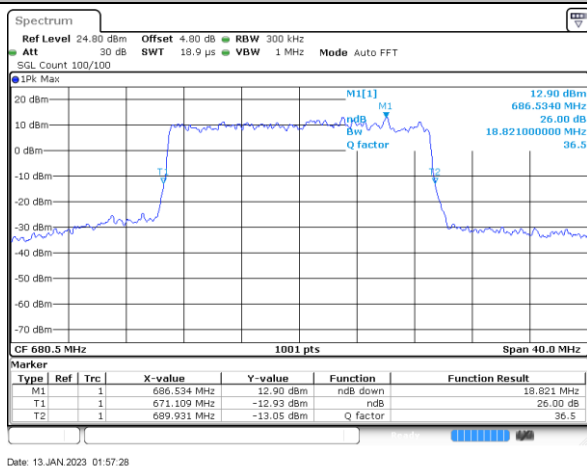
Middle Channel / 15MHz / QPSK



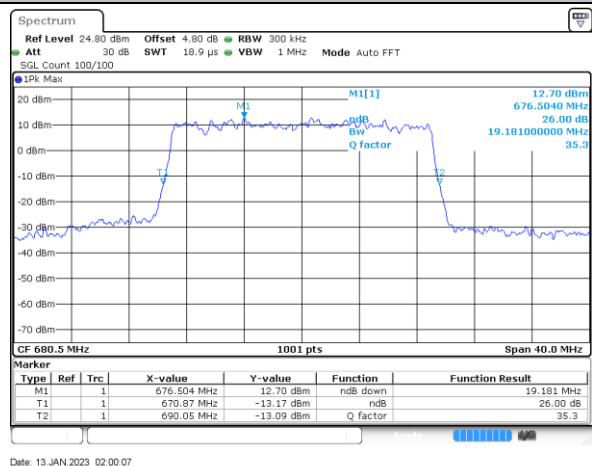
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



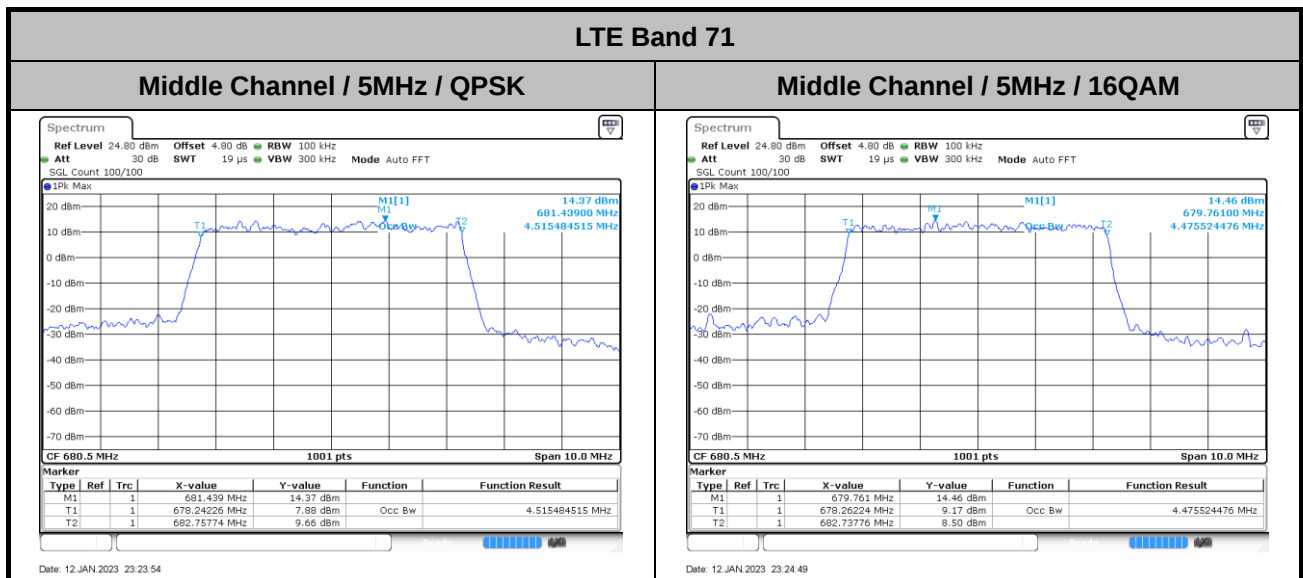
Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

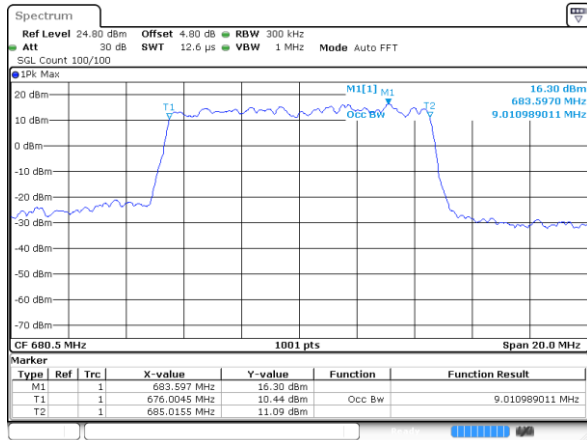
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.52	4.48
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	8.95
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.40
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.94



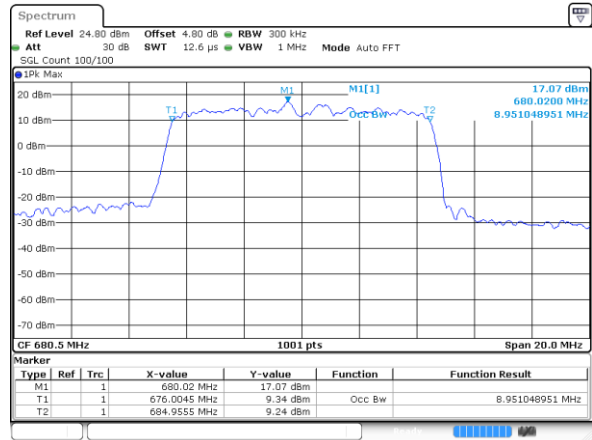


LTE Band 71

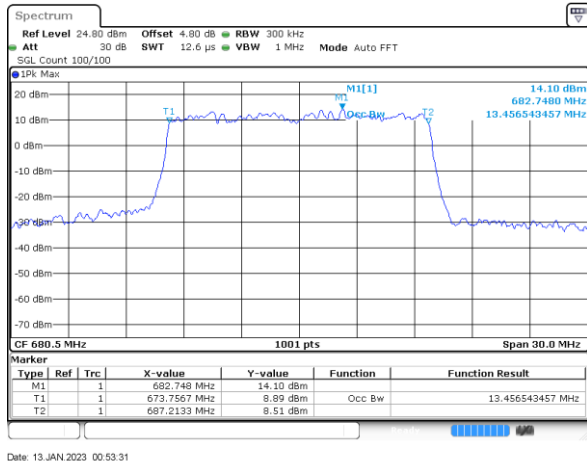
Middle Channel / 10MHz / QPSK



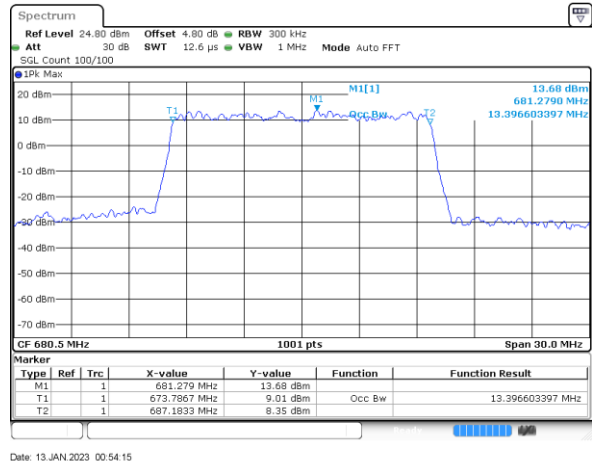
Middle Channel / 10MHz / 16QAM



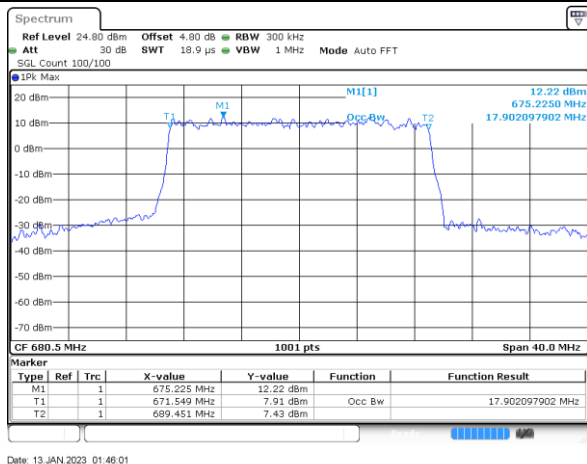
Middle Channel / 15MHz / QPSK



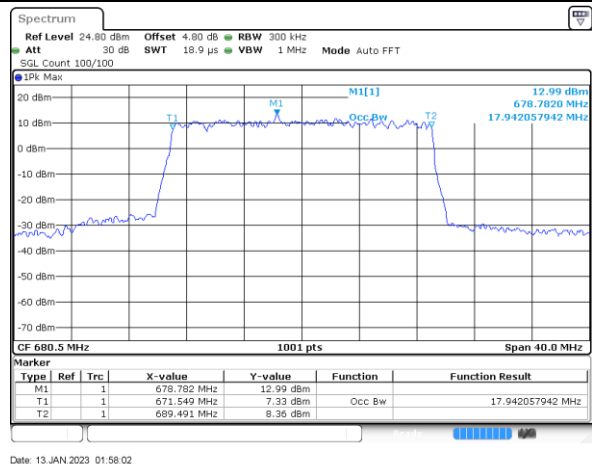
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

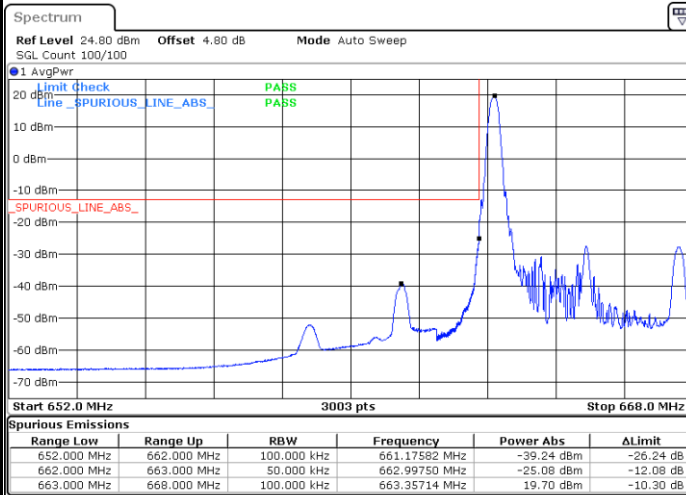




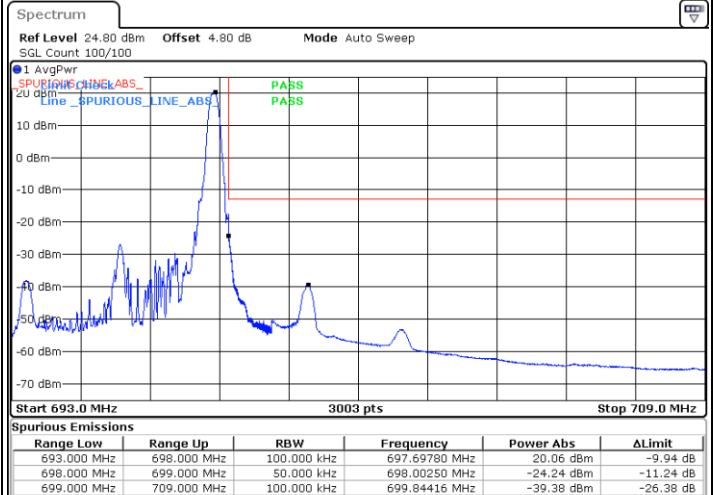
Conducted Band Edge

LTE Band 71 / 5MHz / QPSK

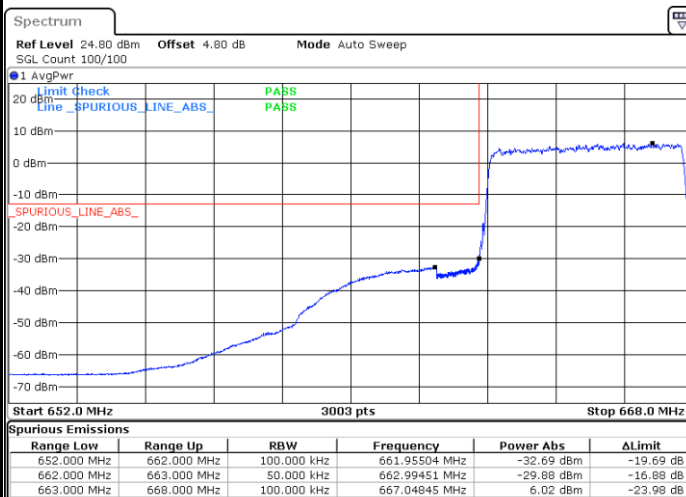
Lowest Band Edge / 1 RB



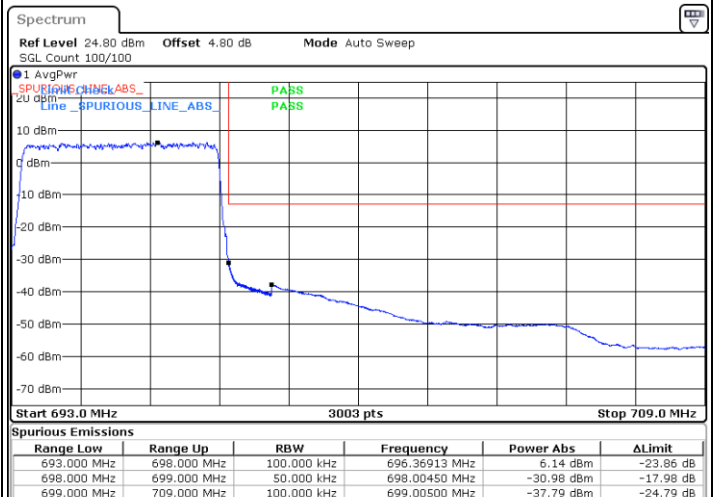
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



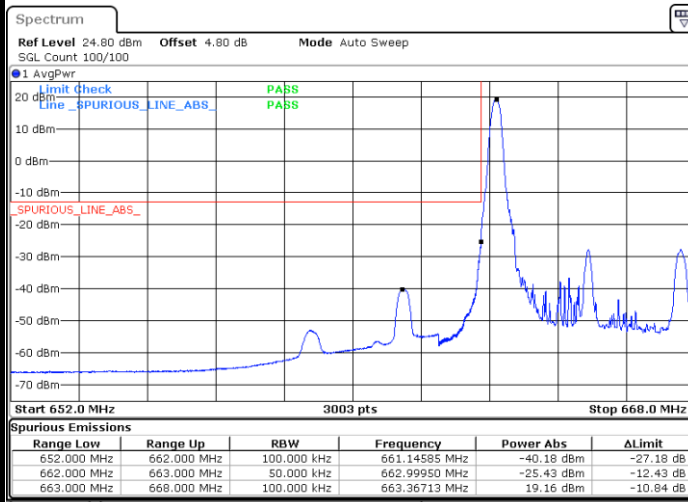
Highest Band Edge / Full RB



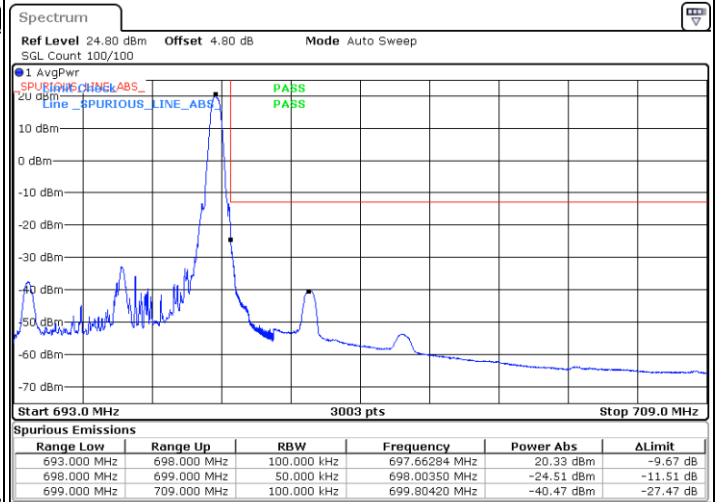


LTE Band 71 / 5MHz / 16QAM

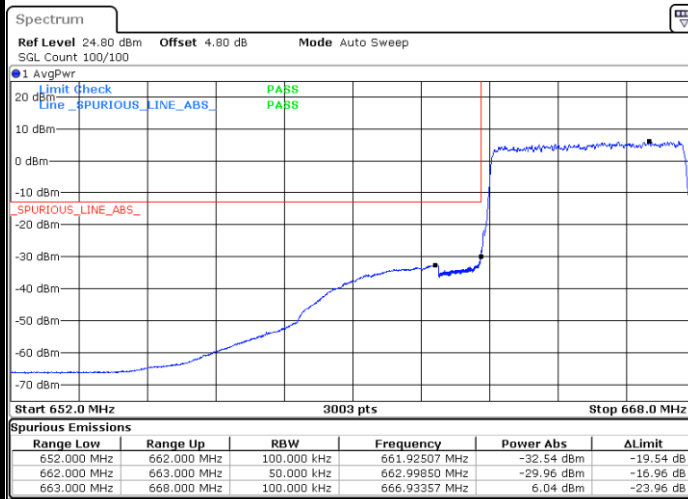
Lowest Band Edge / 1 RB



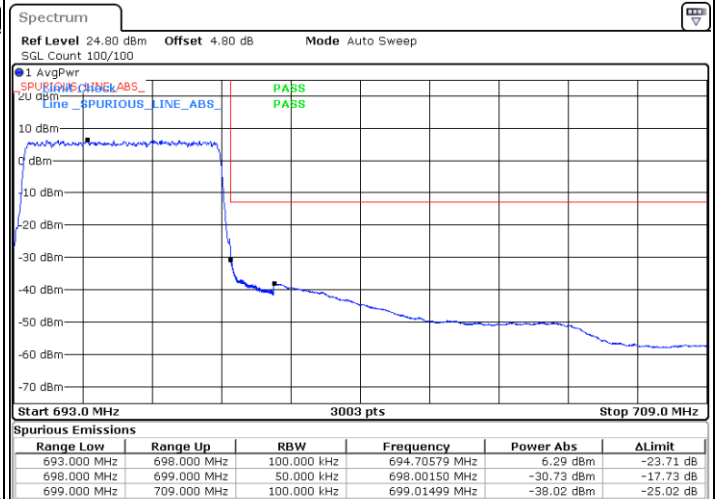
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



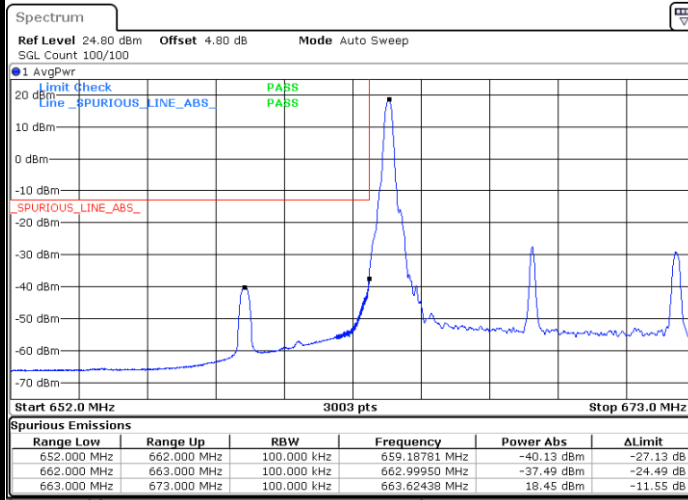
Highest Band Edge / Full RB



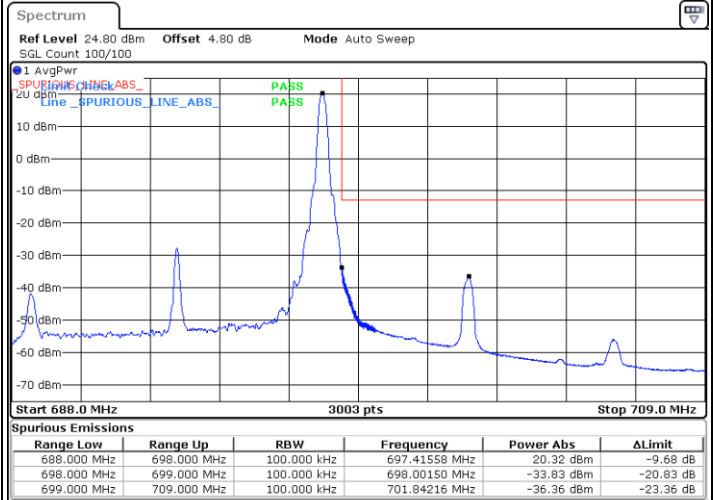


LTE Band 71 / 10MHz / QPSK

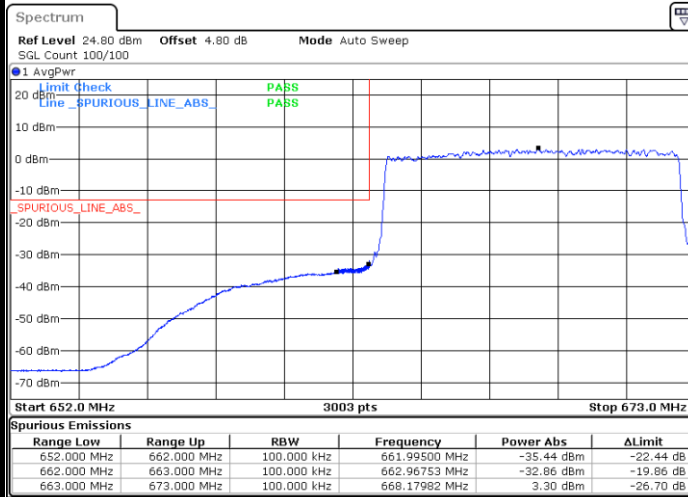
Lowest Band Edge / 1 RB



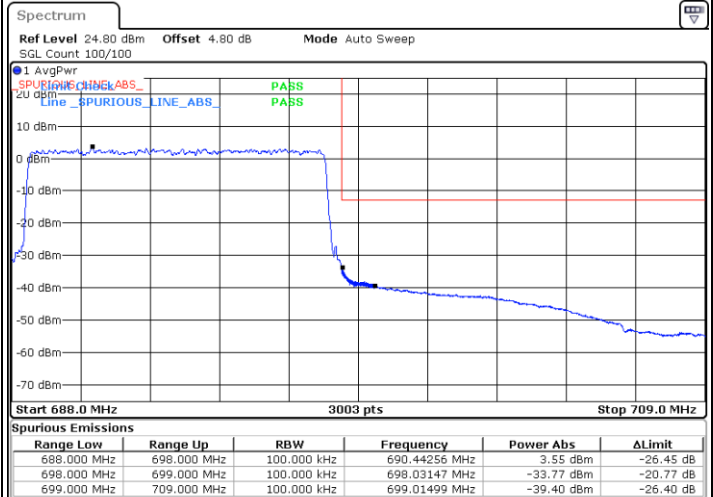
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



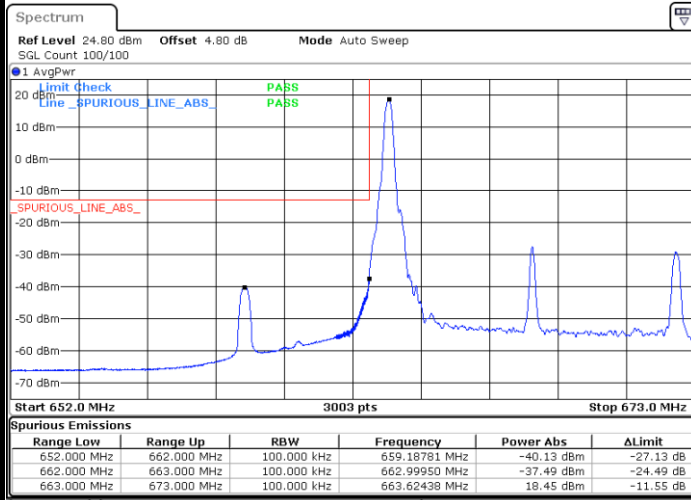
Highest Band Edge / Full RB



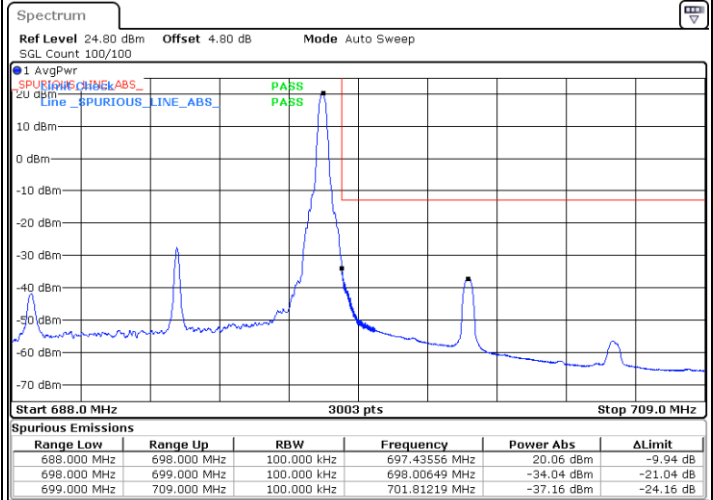


LTE Band 71 / 10MHz / 16QAM

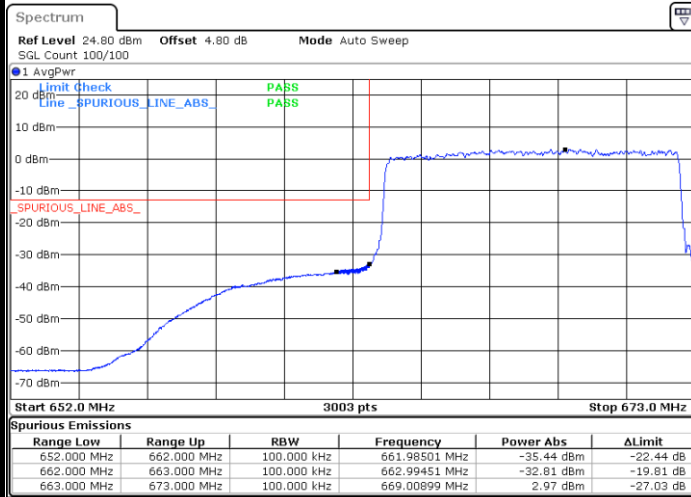
Lowest Band Edge / 1 RB



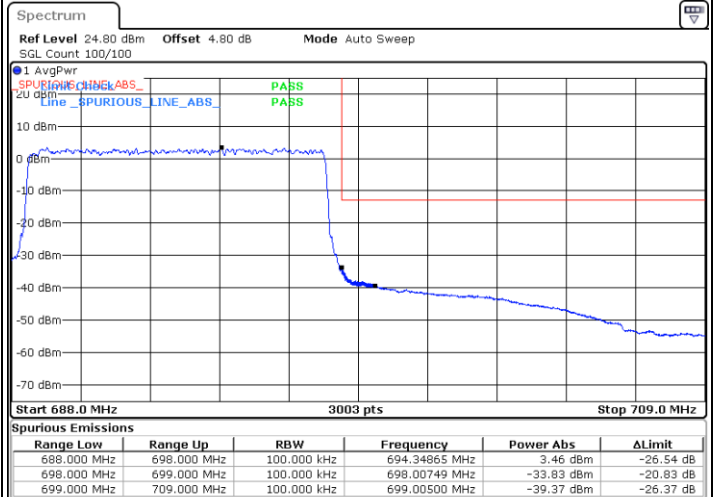
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



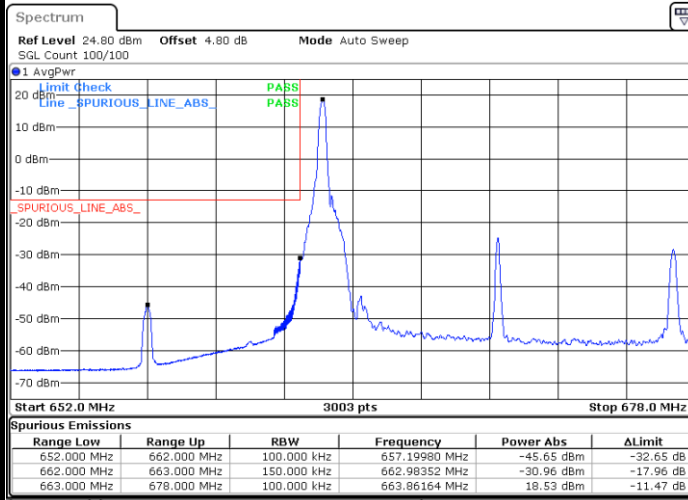
Highest Band Edge / Full RB



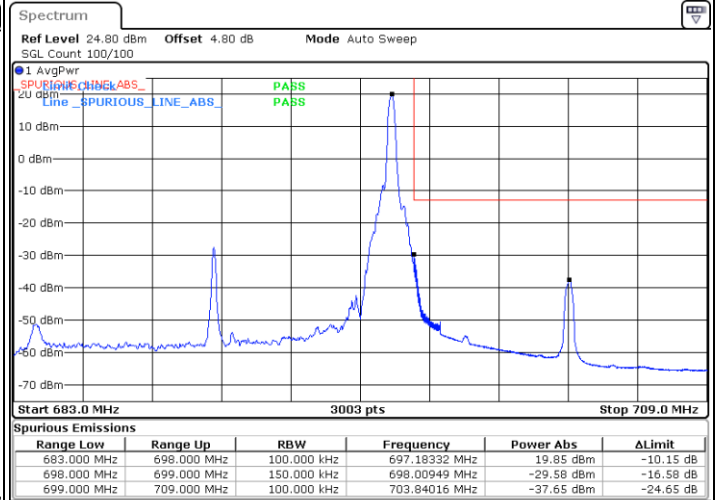


LTE Band 71 / 15MHz / QPSK

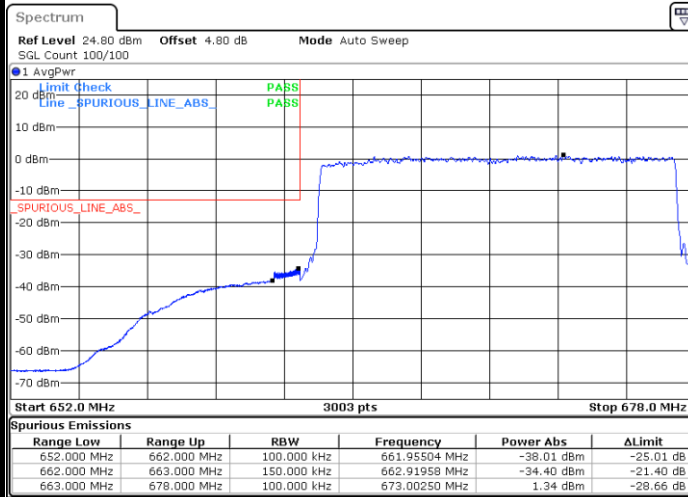
Lowest Band Edge / 1 RB



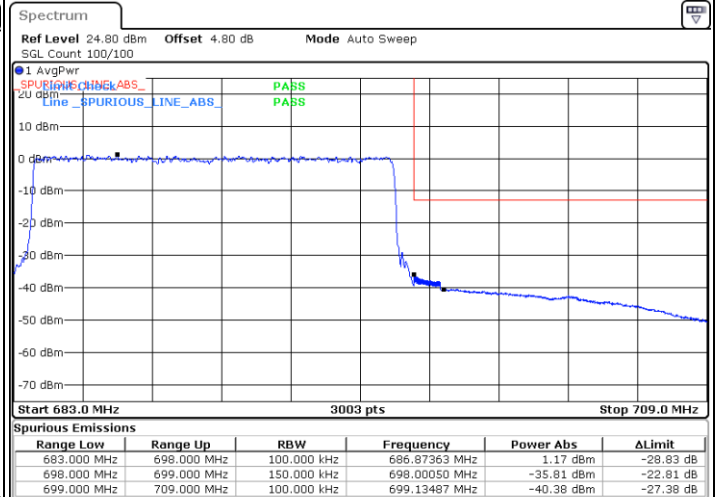
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



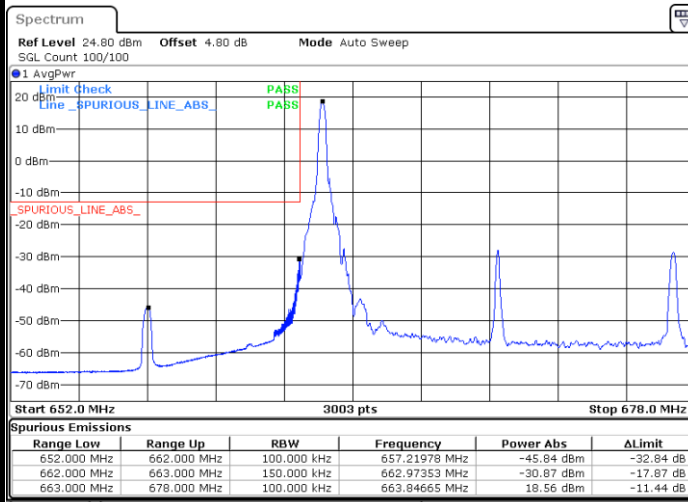
Highest Band Edge / Full RB



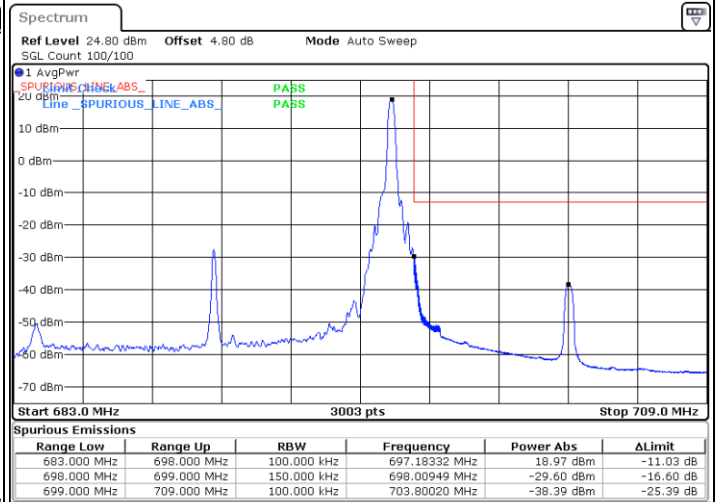


LTE Band 71 / 15MHz / 16QAM

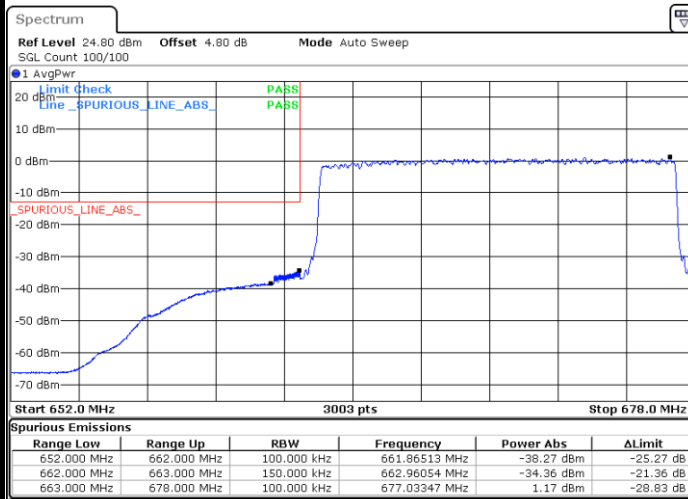
Lowest Band Edge / 1 RB



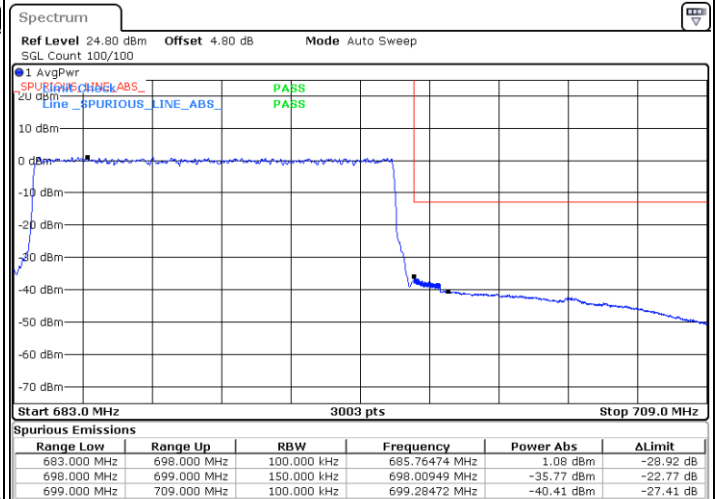
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



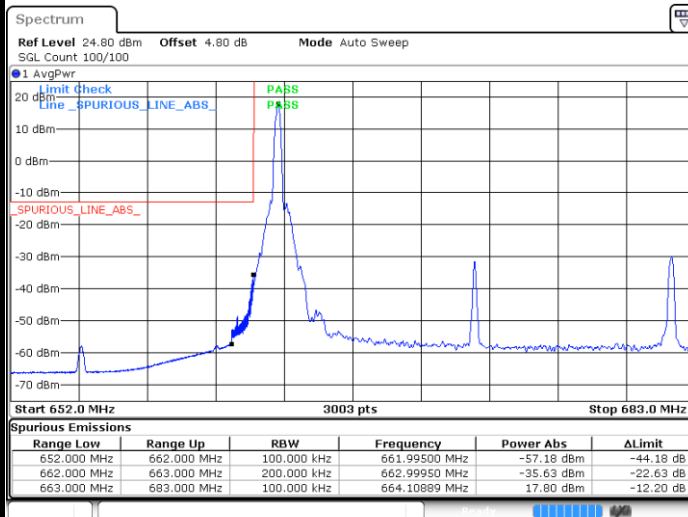
Highest Band Edge / Full RB



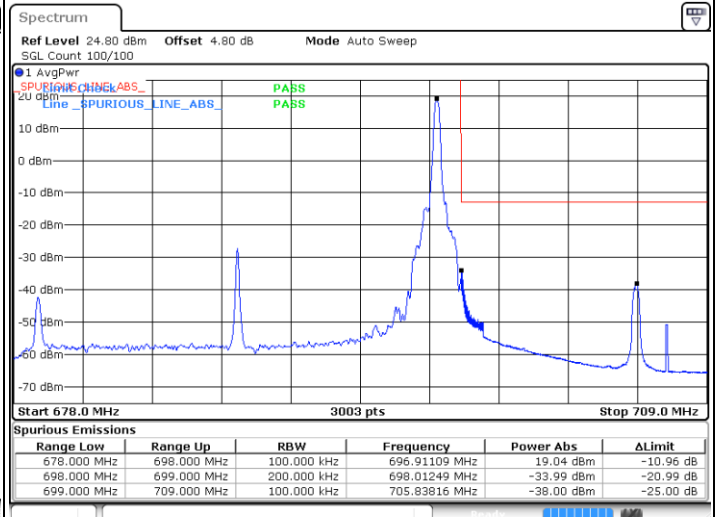


LTE Band 71 / 20MHz / QPSK

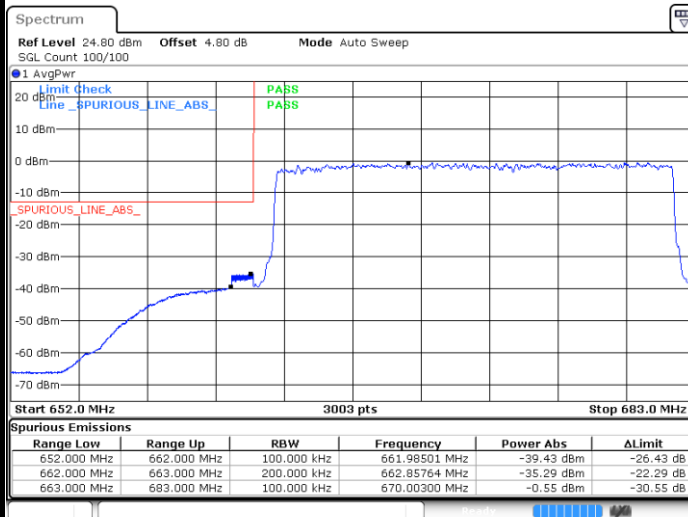
Lowest Band Edge / 1 RB



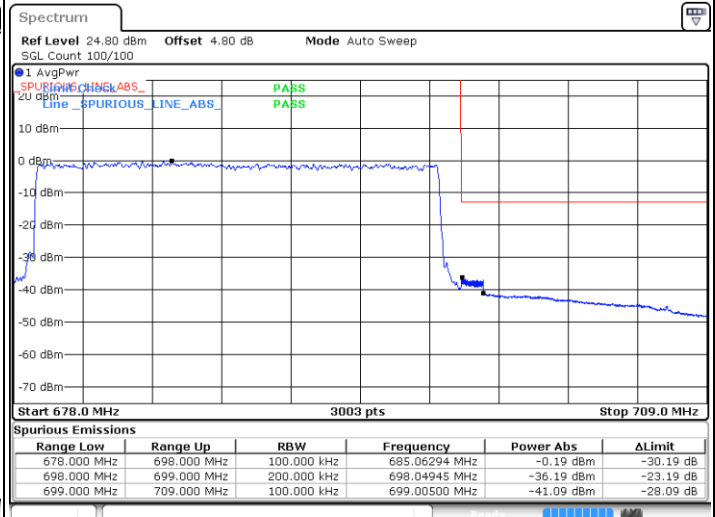
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



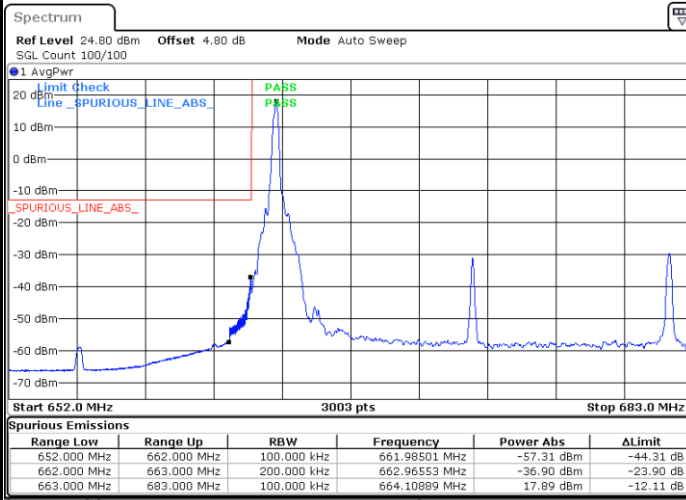
Highest Band Edge / Full RB



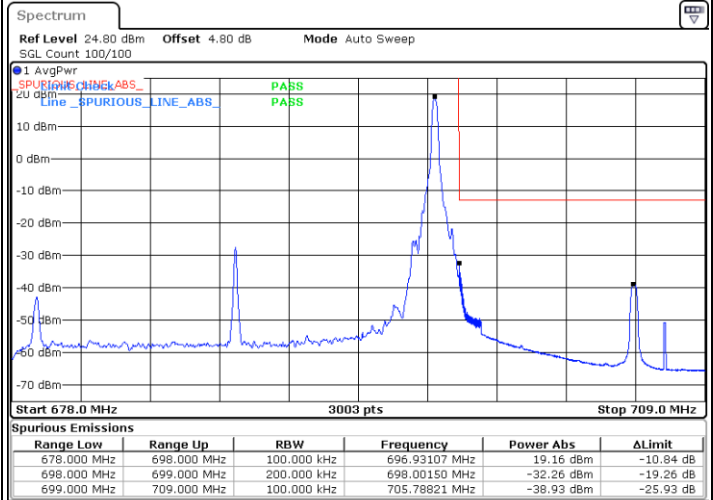


LTE Band 71 / 20MHz / 16QAM

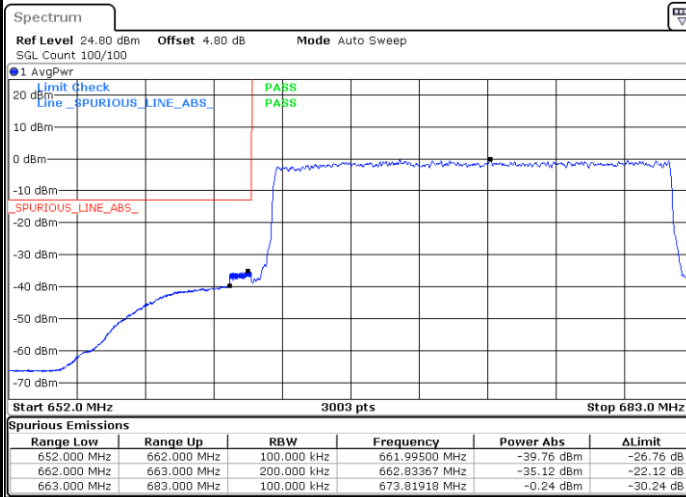
Lowest Band Edge / 1 RB



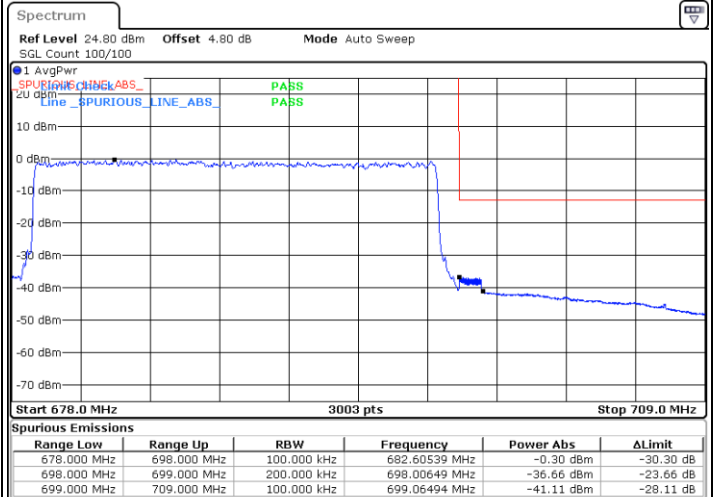
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

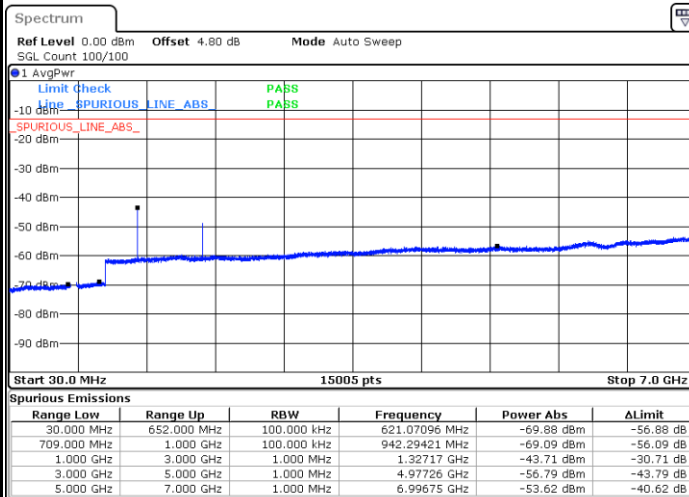




Conducted Spurious Emission

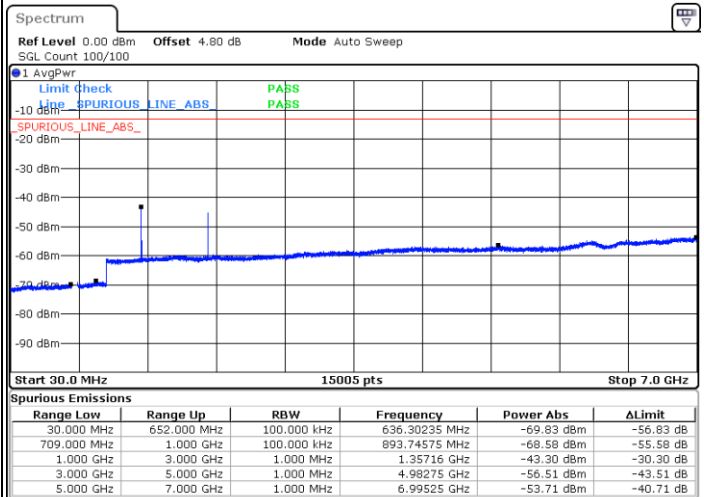
LTE Band 71 / 5MHz

Lowest Channel / QPSK



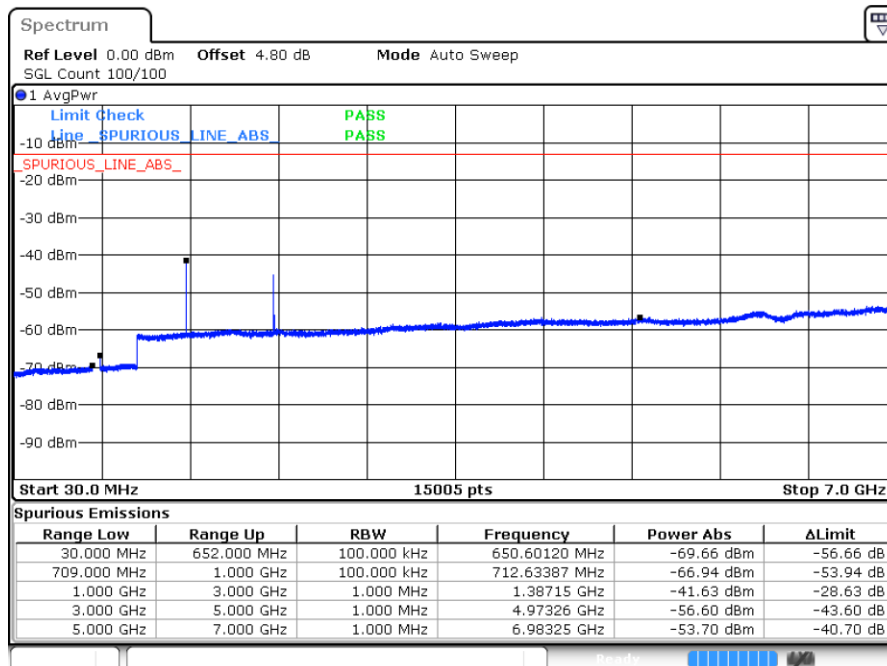
Date: 12 JAN 2023 23:21:56

Middle Channel / QPSK



Date: 12 JAN 2023 23:23:31

Highest Channel / QPSK

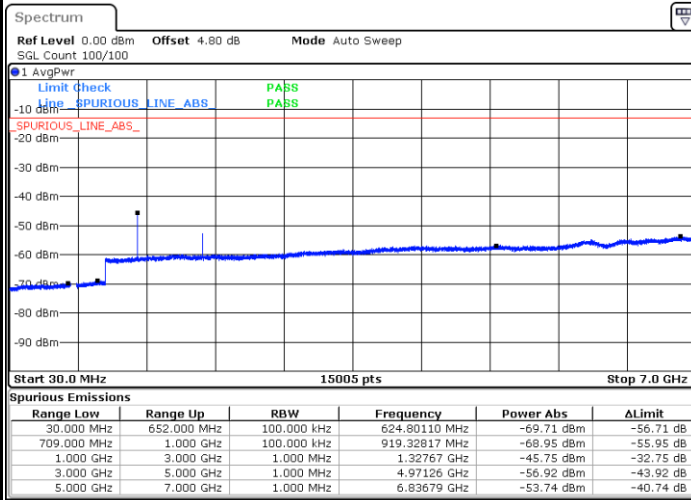


Date: 12 JAN 2023 23:26:51



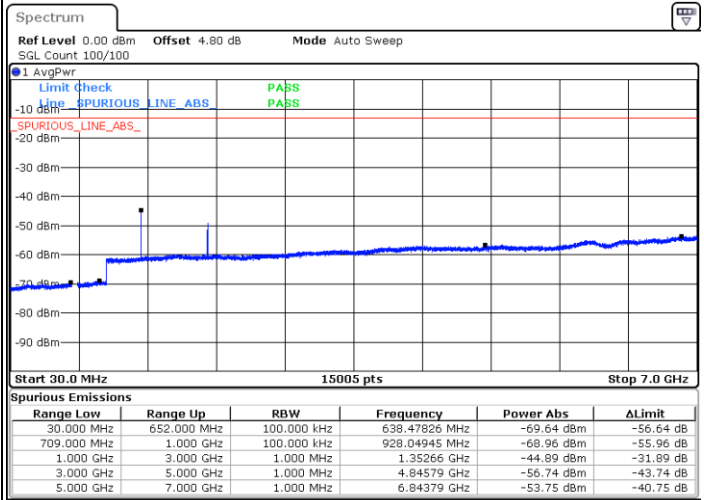
LTE Band 71 / 10MHz

Lowest Channel / QPSK



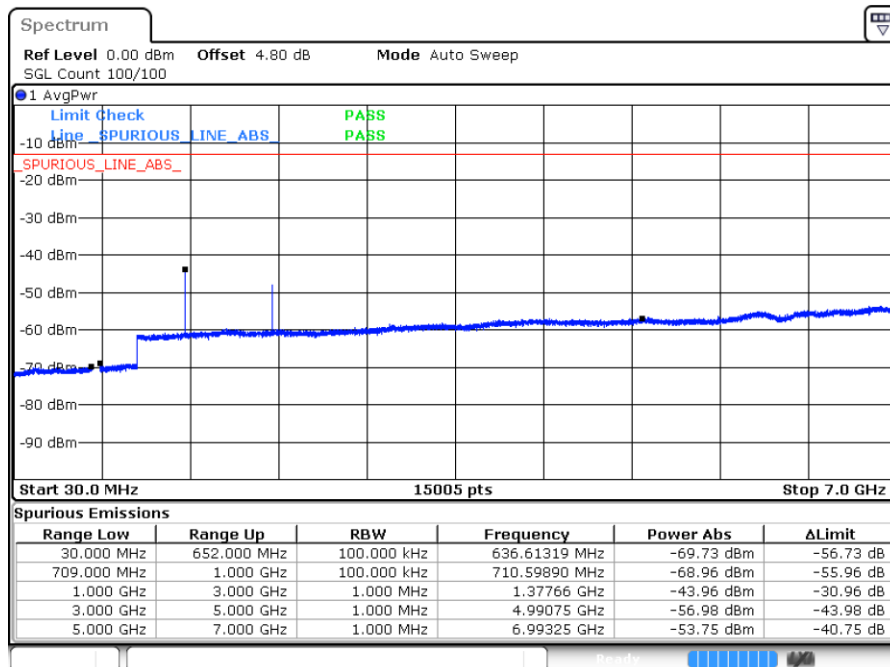
Date: 12 JAN 2023 23:49:15

Middle Channel / QPSK



Date: 12 JAN 2023 23:50:45

Highest Channel / QPSK

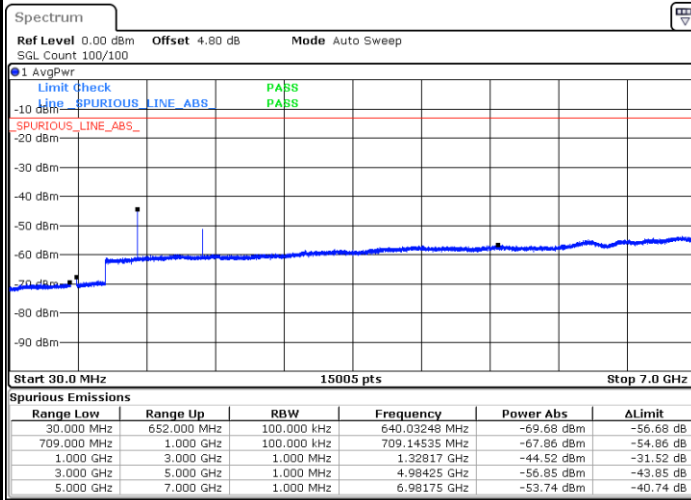


Date: 12 JAN 2023 23:54:09



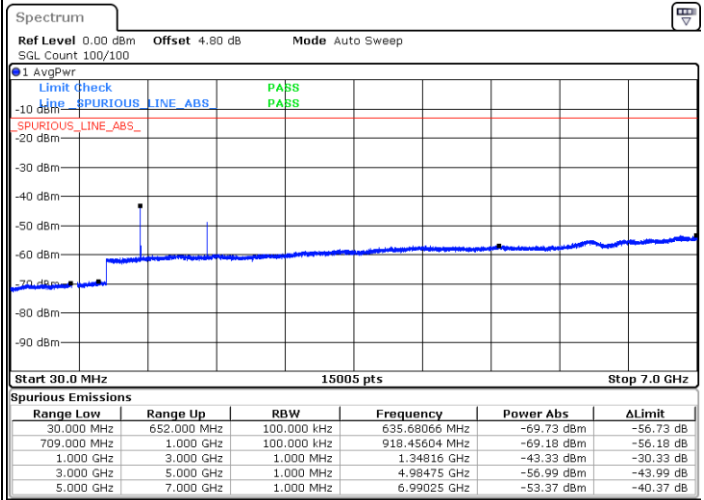
LTE Band 71 / 15MHz

Lowest Channel / QPSK



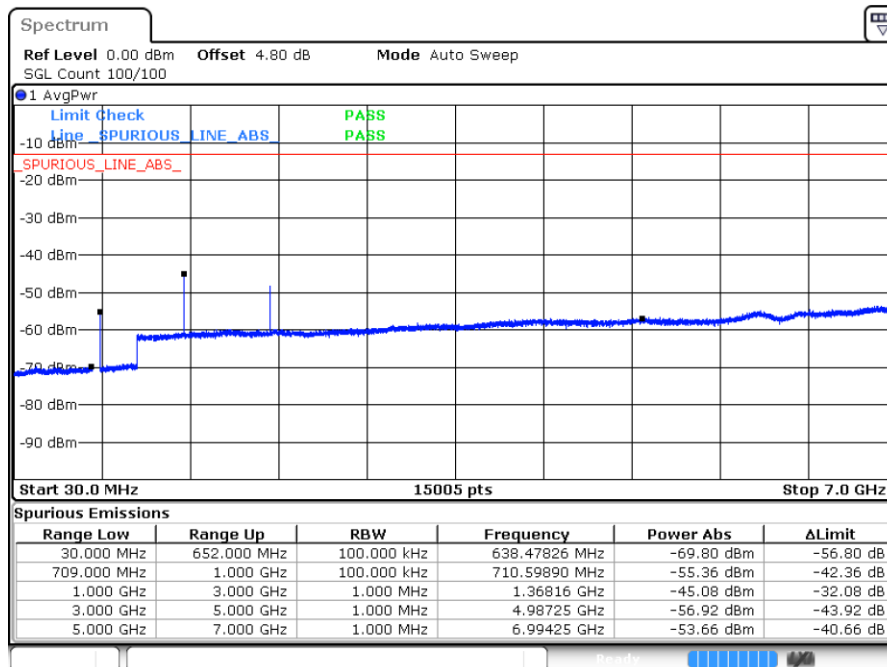
Date: 13 JAN 2023 00:51:32

Middle Channel / QPSK



Date: 13 JAN 2023 00:53:05

Highest Channel / QPSK



Date: 13 JAN 2023 00:58:53