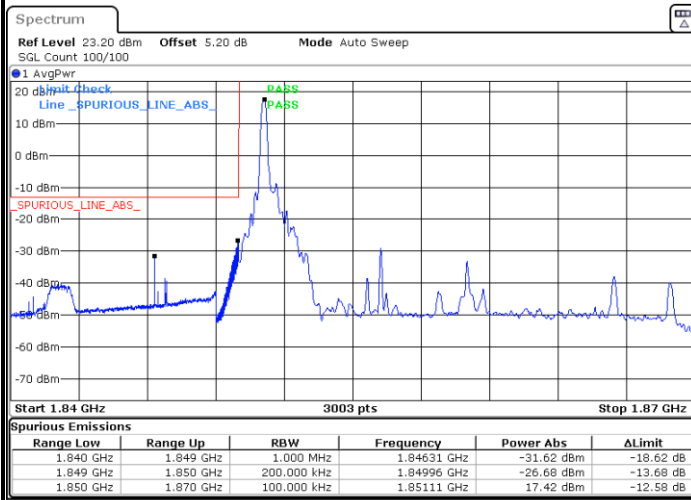


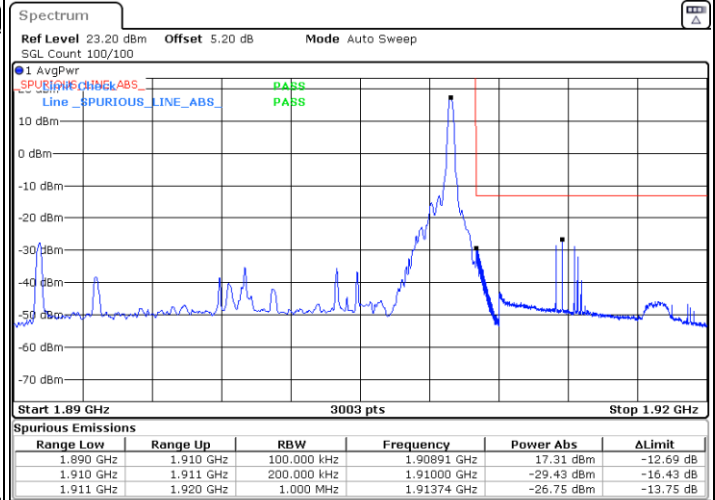


LTE Band 2 / 20MHz / 64QAM

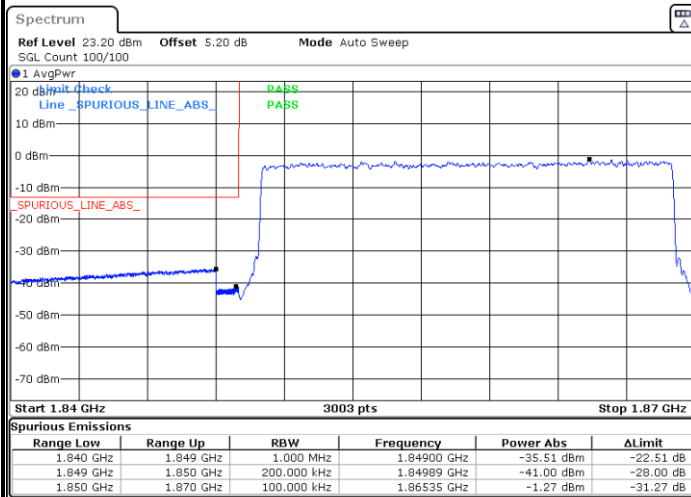
Lowest Band Edge / 1 RB



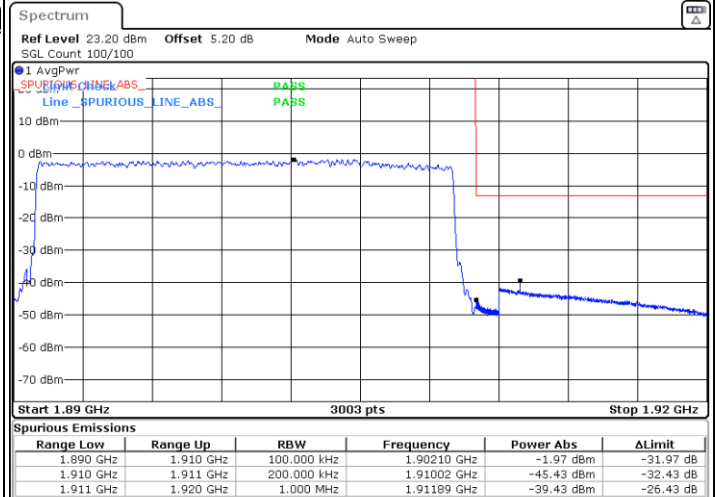
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

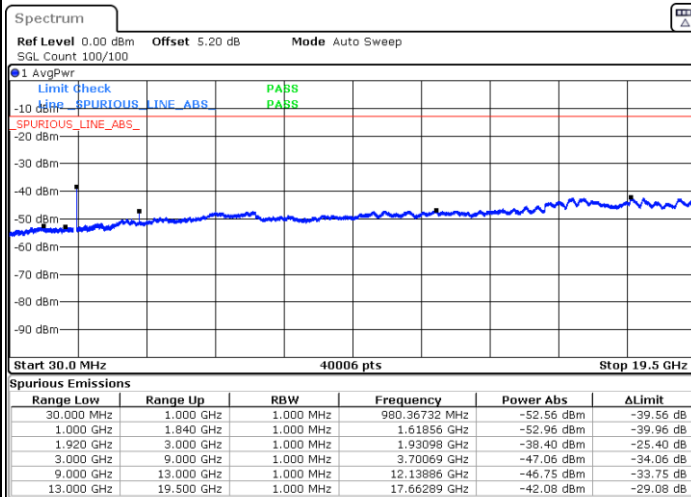




Conducted Spurious Emission

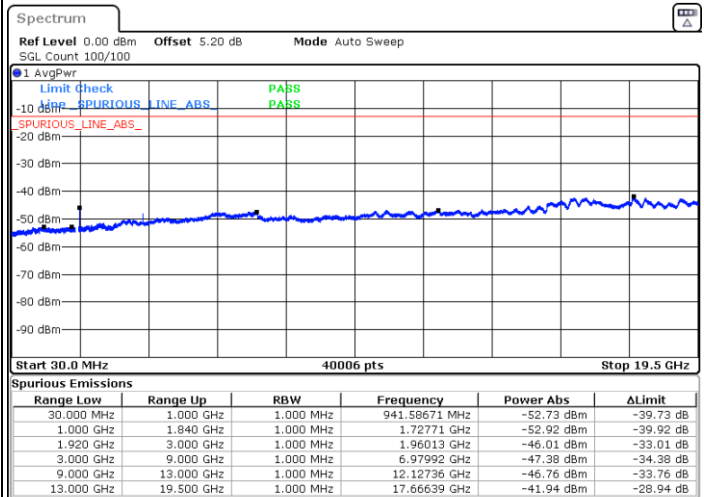
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



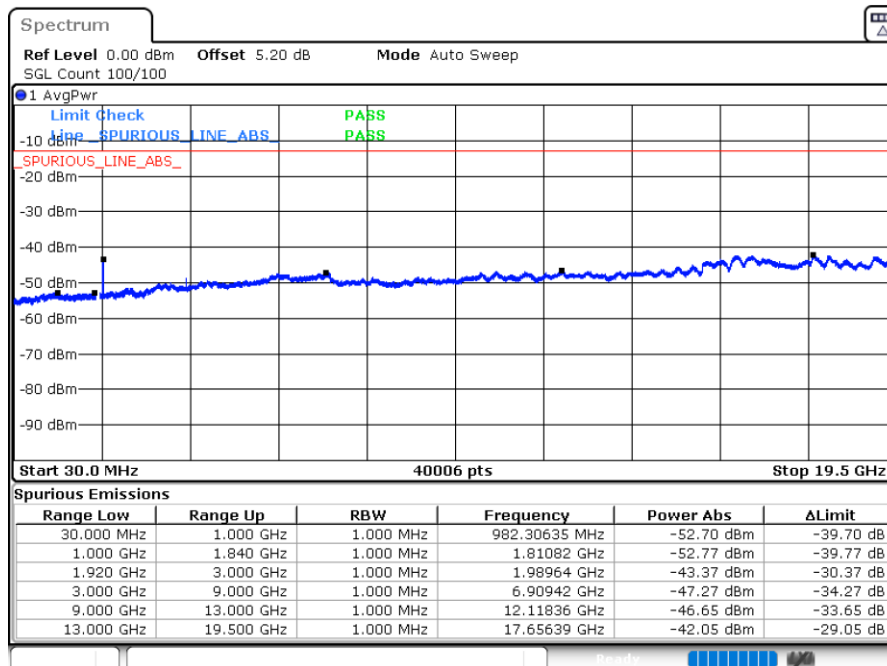
Date: 4.JUN.2022 23:34:10

Middle Channel / QPSK



Date: 4.JUN.2022 23:43:39

Highest Channel / QPSK



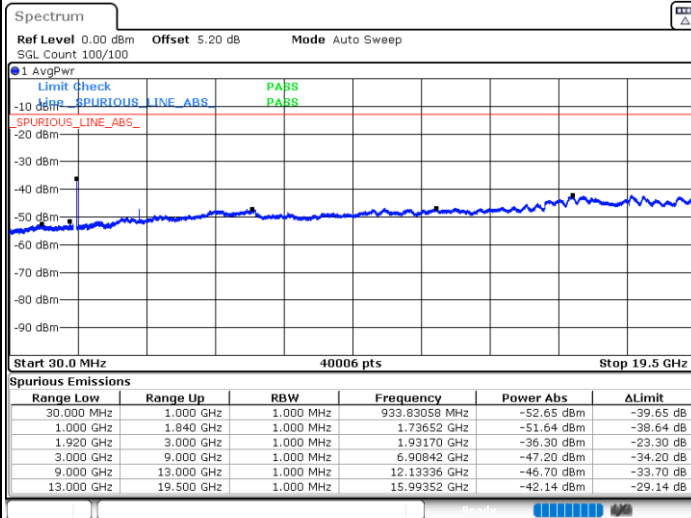
Date: 4.JUN.2022 23:45:00



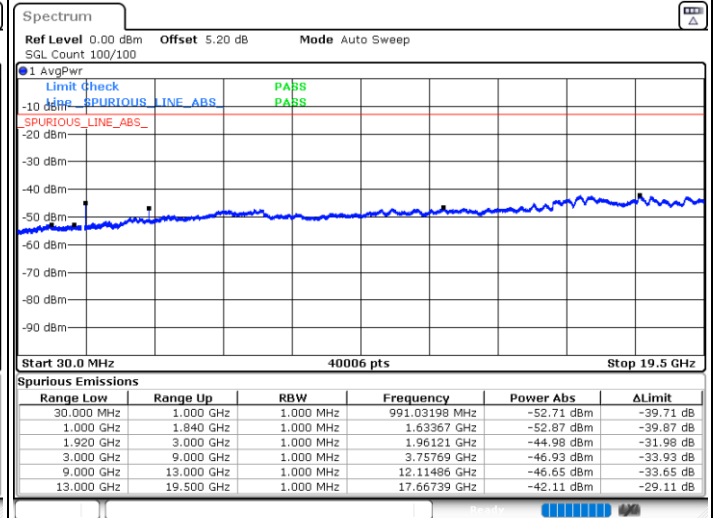
LTE Band 2 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

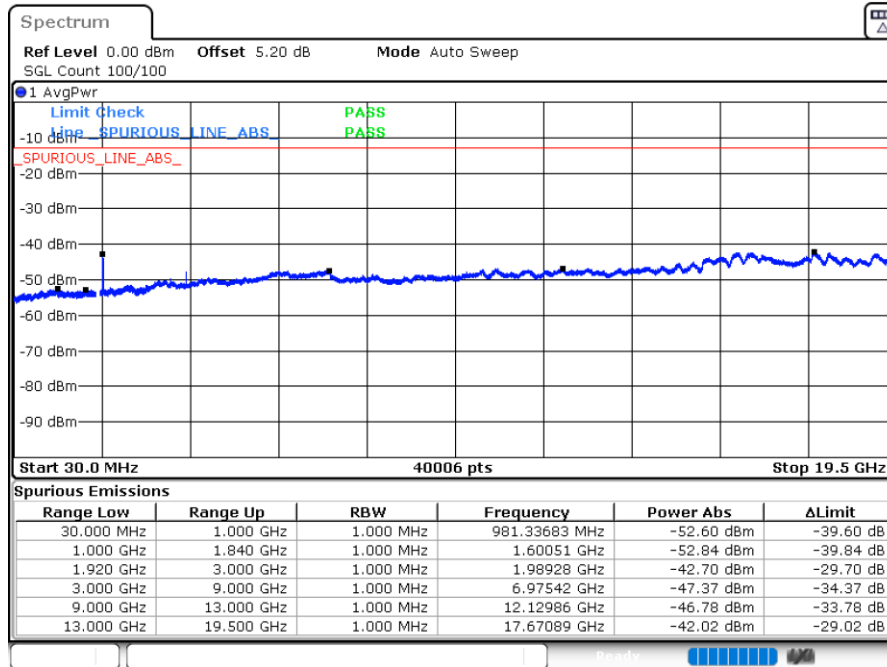


Date: 4 JUN 2022 23:54:31



Date: 5 JUN 2022 00:04:00

Highest Channel / QPSK

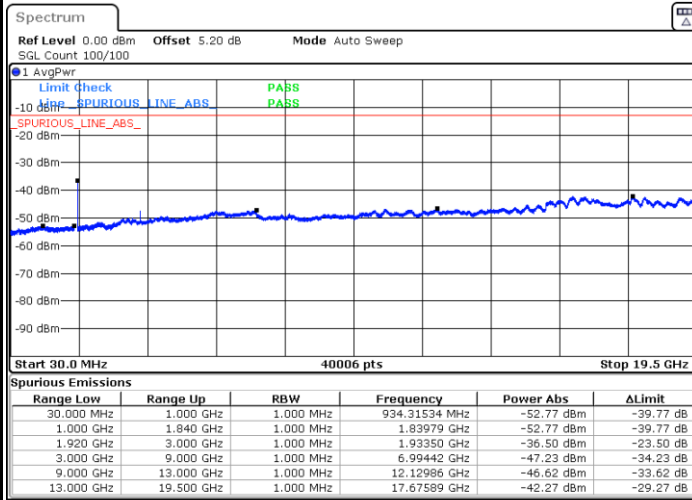


Date: 5 JUN 2022 00:05:20



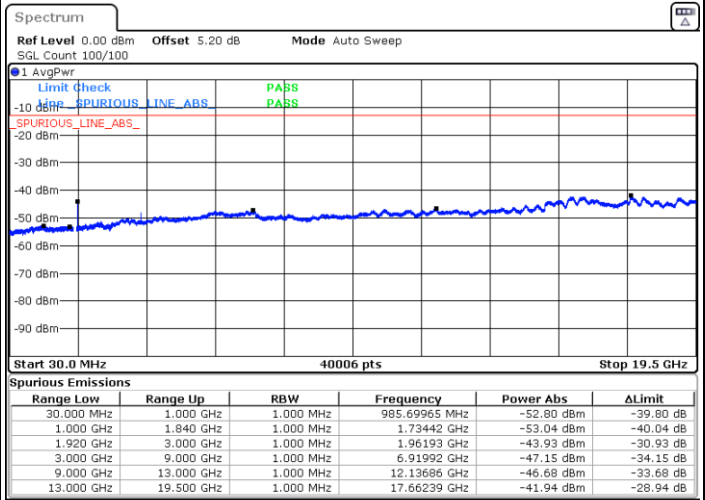
LTE Band 2 / 5MHz

Lowest Channel / QPSK



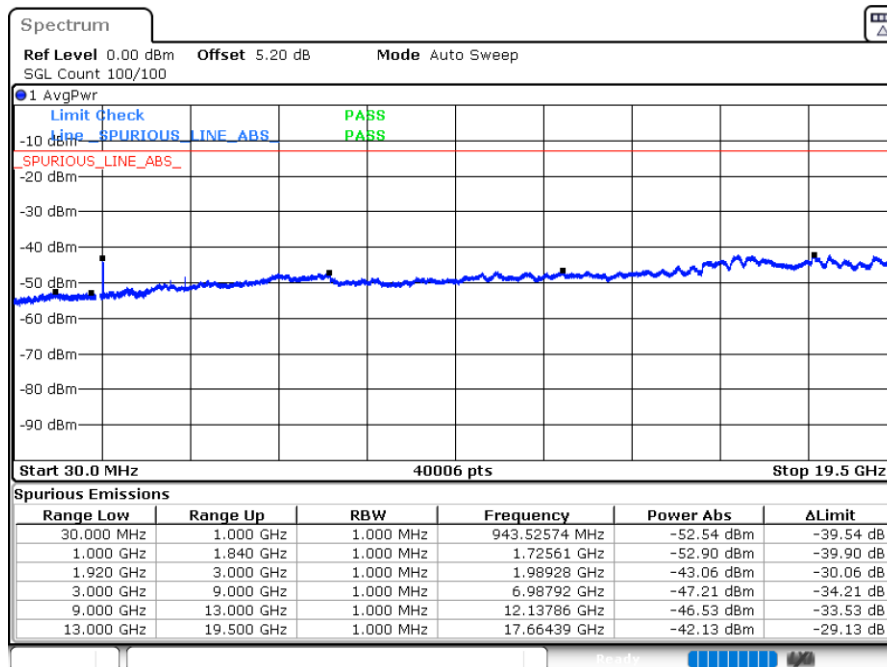
Date: 5 JUN 2022 00:14:50

Middle Channel / QPSK



Date: 5 JUN 2022 00:24:21

Highest Channel / QPSK

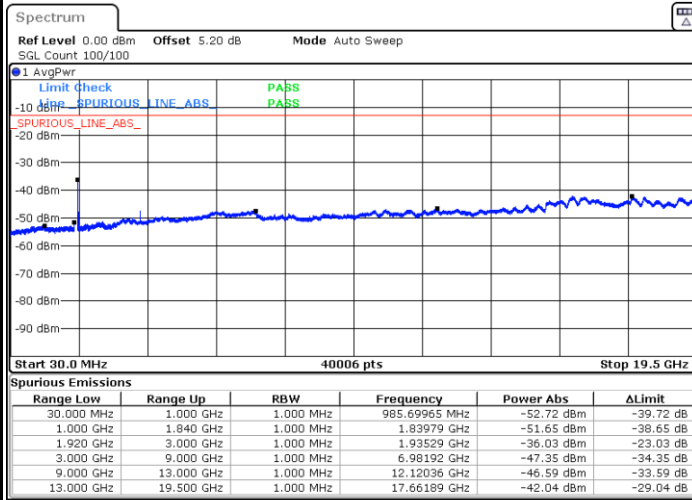


Date: 5 JUN 2022 00:25:41



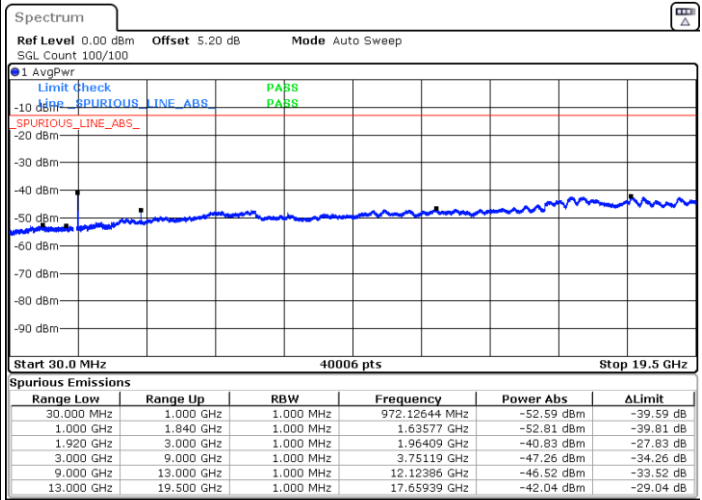
LTE Band 2 / 10MHz

Lowest Channel / QPSK



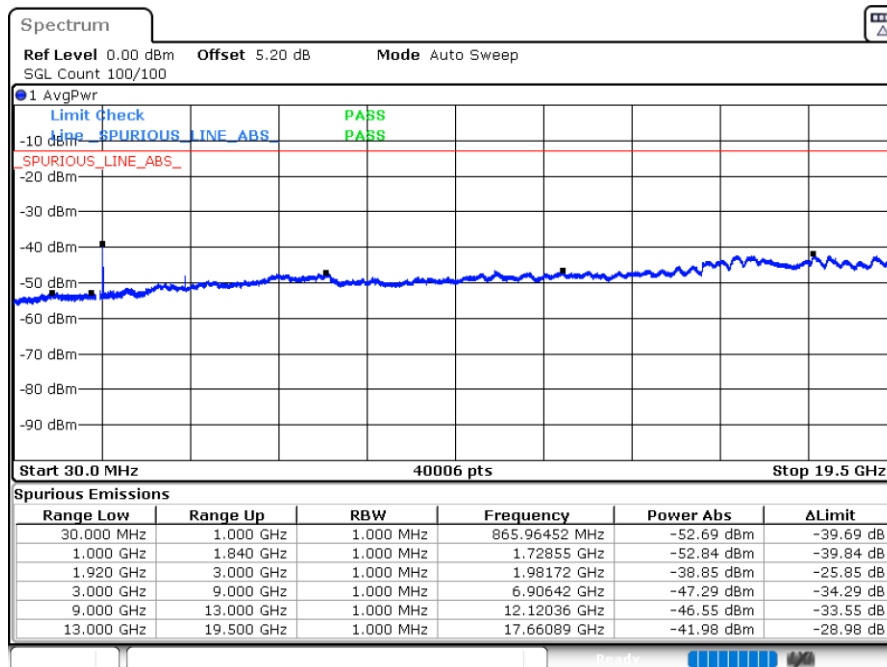
Date: 5 JUN 2022 00:35:13

Middle Channel / QPSK



Date: 5 JUN 2022 00:44:44

Highest Channel / QPSK

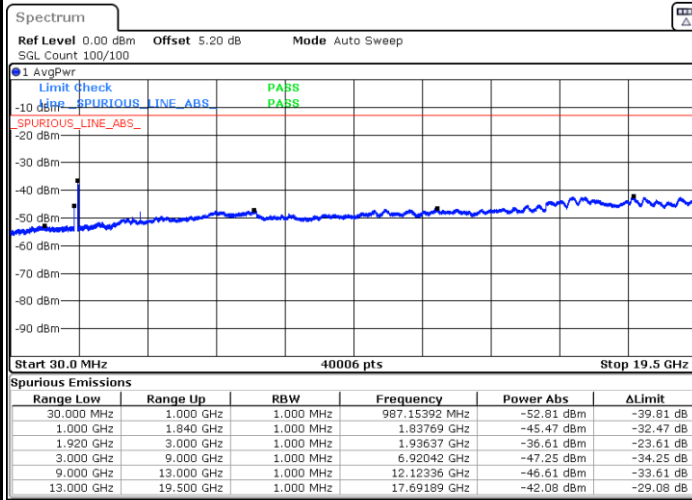


Date: 5 JUN 2022 00:46:05



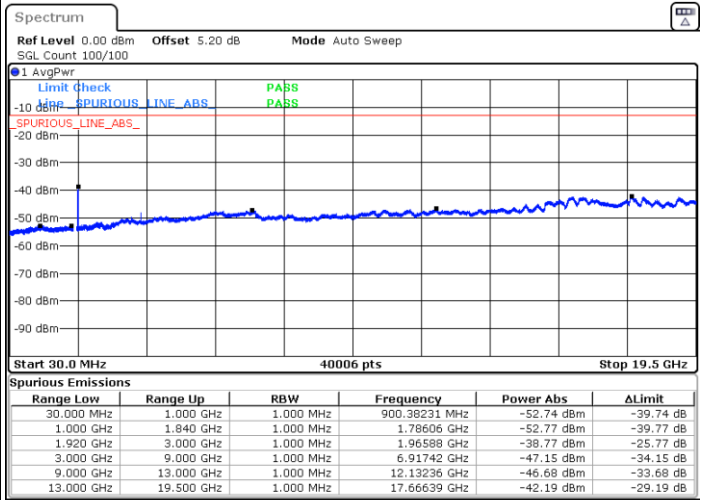
LTE Band 2 / 15MHz

Lowest Channel / QPSK



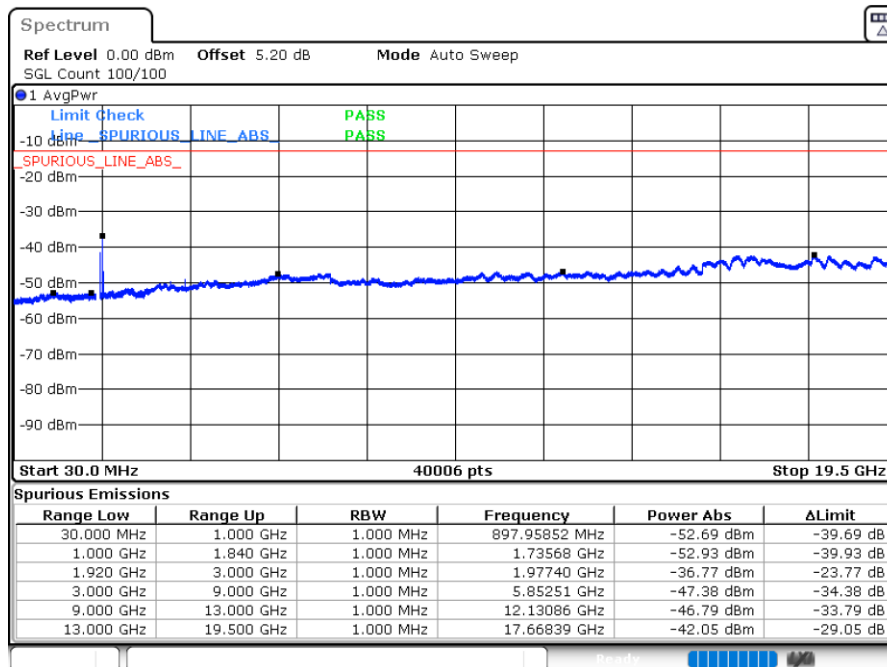
Date: 5 JUN 2022 00:55:36

Middle Channel / QPSK



Date: 5 JUN 2022 01:05:04

Highest Channel / QPSK

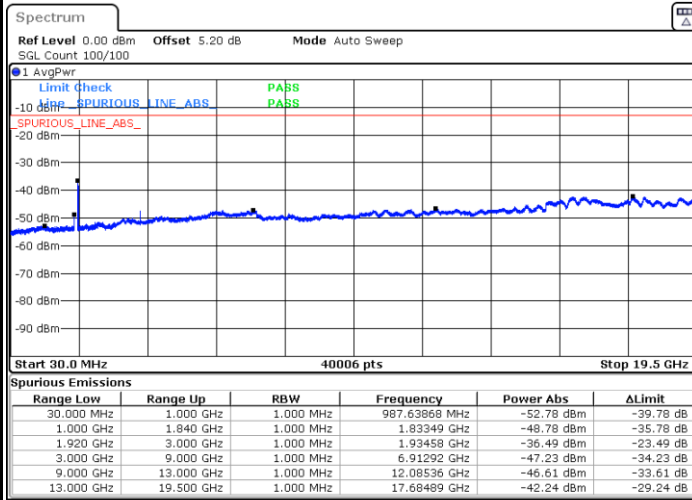


Date: 5 JUN 2022 01:06:25



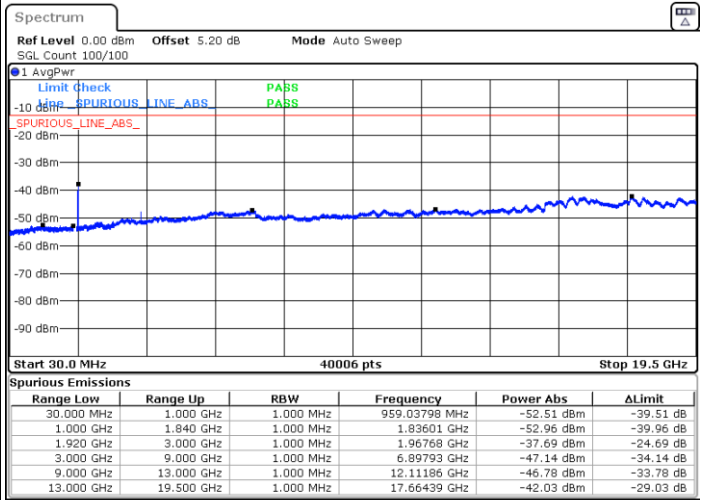
LTE Band 2 / 20MHz

Lowest Channel / QPSK



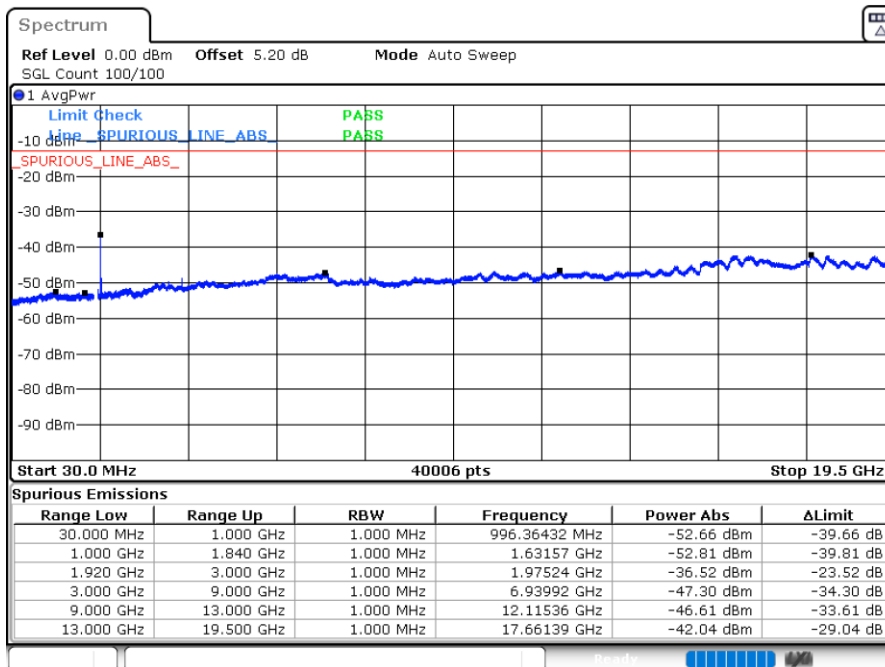
Date: 5 JUN 2022 01:15:54

Middle Channel / QPSK



Date: 5 JUN 2022 01:25:26

Highest Channel / QPSK



Date: 5 JUN 2022 01:26:47

**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	0.0116	PASS
40	Normal Voltage	0.0141	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0044	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0135	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0077	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

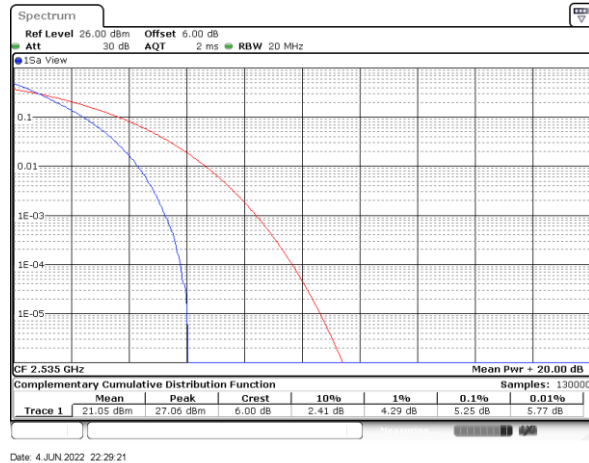
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.25	6.17	6.38	PASS

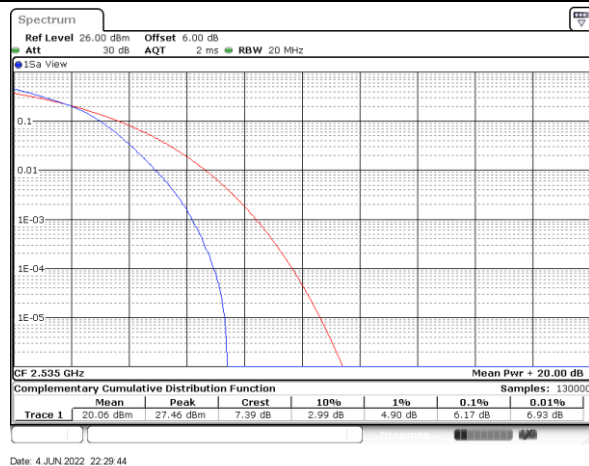


LTE Band 7 / 20MHz

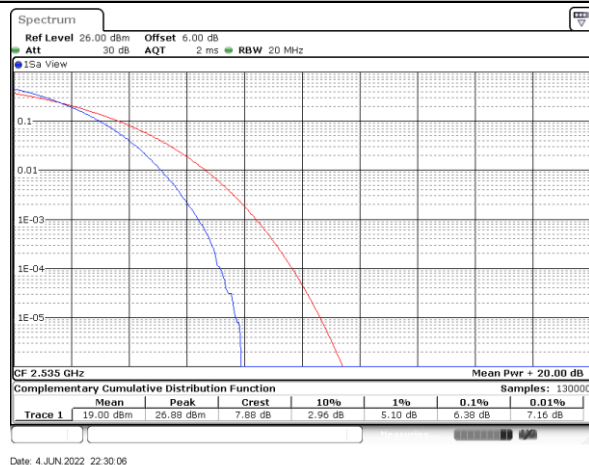
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM



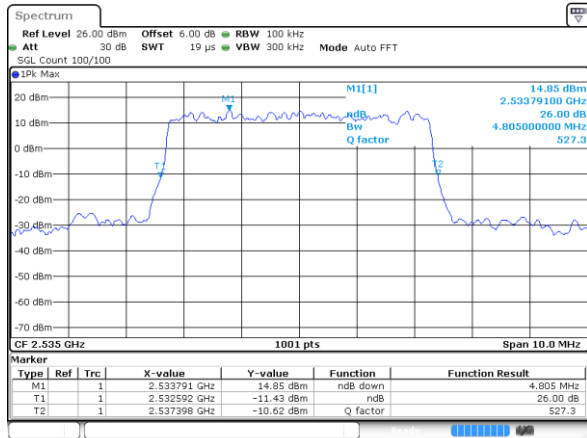
26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.81	4.88
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.71	9.71
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.45	14.45
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.94	18.90



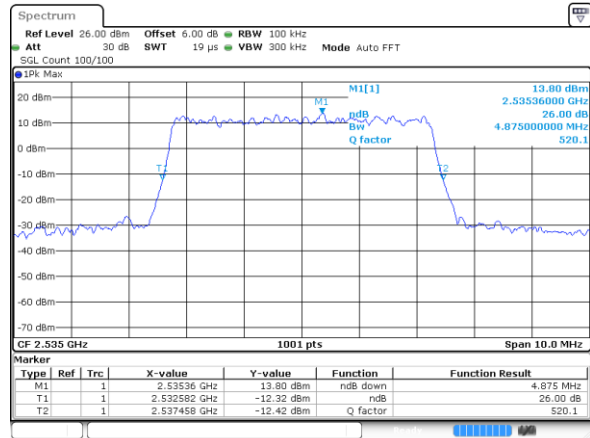
LTE Band 7

Middle Channel / 5MHz / QPSK



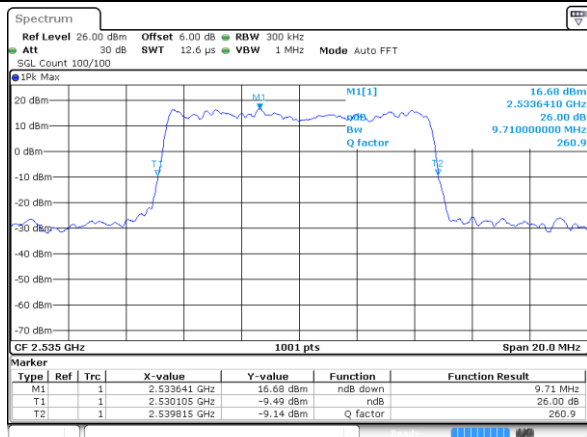
Date: 4 JUN 2022 22:33:24

Middle Channel / 5MHz / 16QAM



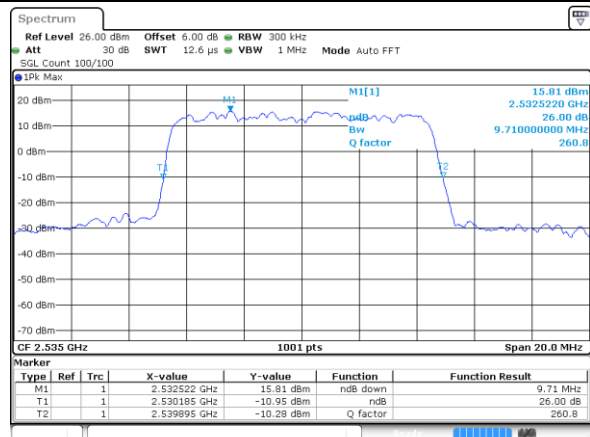
Date: 4 JUN 2022 22:33:04

Middle Channel / 10MHz / QPSK



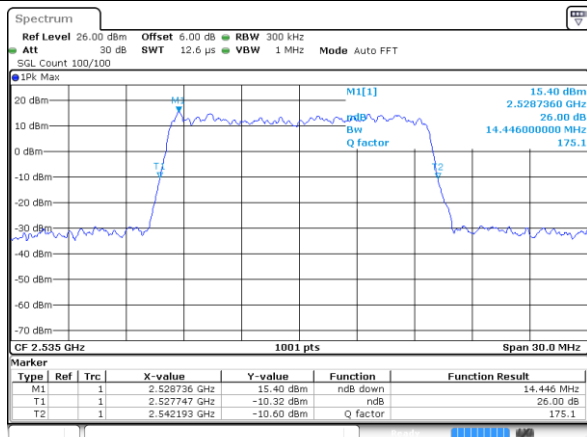
Date: 4 JUN 2022 22:34:49

Middle Channel / 10MHz / 16QAM



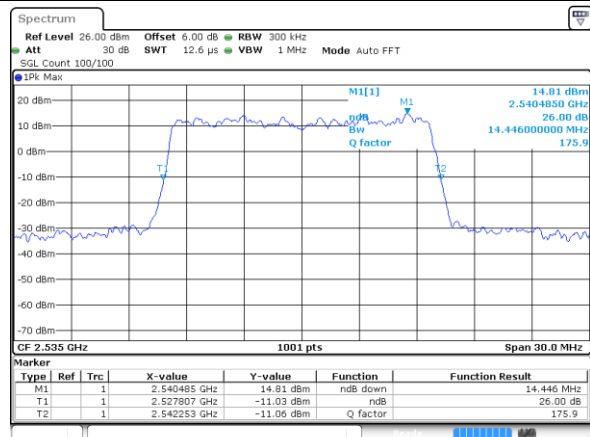
Date: 4 JUN 2022 22:34:28

Middle Channel / 15MHz / QPSK



Date: 4 JUN 2022 22:35:12

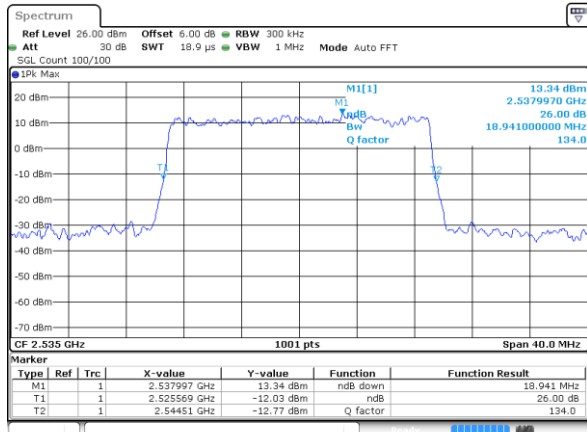
Middle Channel / 15MHz / 16QAM



Date: 4 JUN 2022 22:35:32

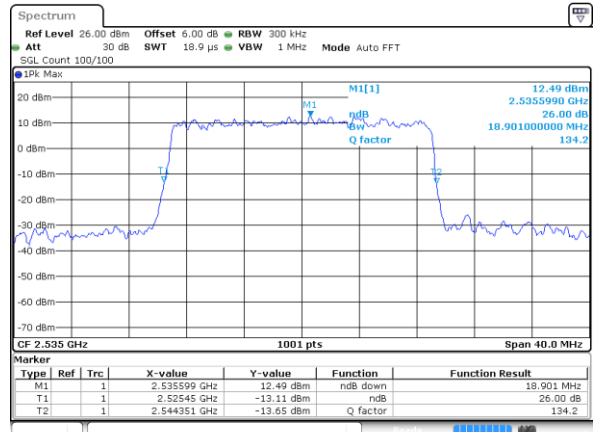


Middle Channel / 20MHz / QPSK



Date: 4 JUN 2022 22:27:57

Middle Channel / 20MHz / 16QAM



Date: 4 JUN 2022 22:28:59

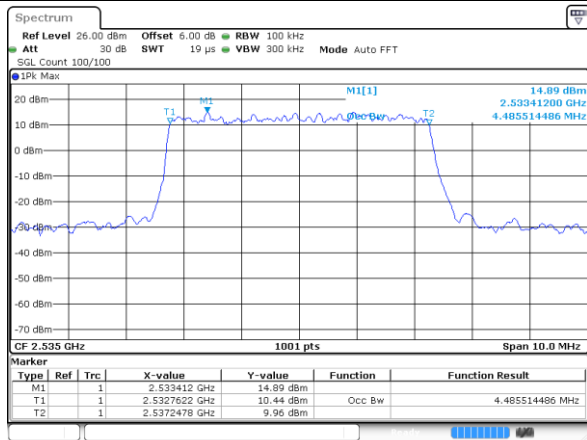
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.49
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	8.99
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.49
Mode	LTE Band 2 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.82



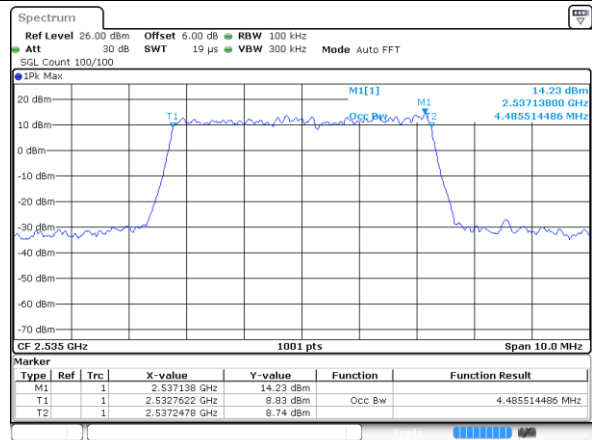
LTE Band 7

Middle Channel / 5MHz / QPSK



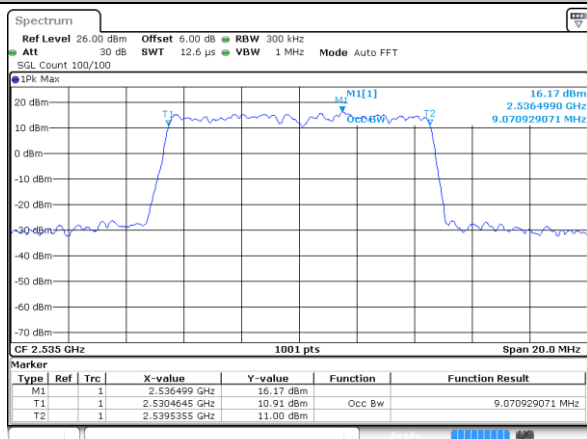
Date: 4 JUN 2022 22:32:22

Middle Channel / 5MHz / 16QAM



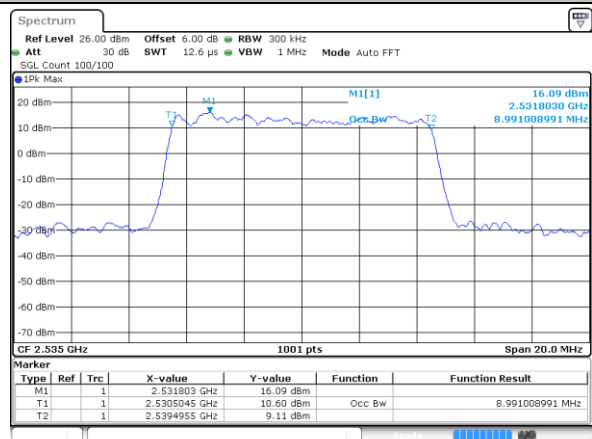
Date: 4 JUN 2022 22:32:43

Middle Channel / 10MHz / QPSK



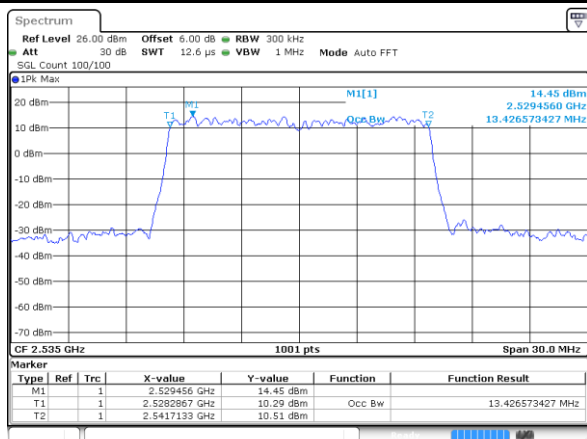
Date: 4 JUN 2022 22:33:47

Middle Channel / 10MHz / 16QAM



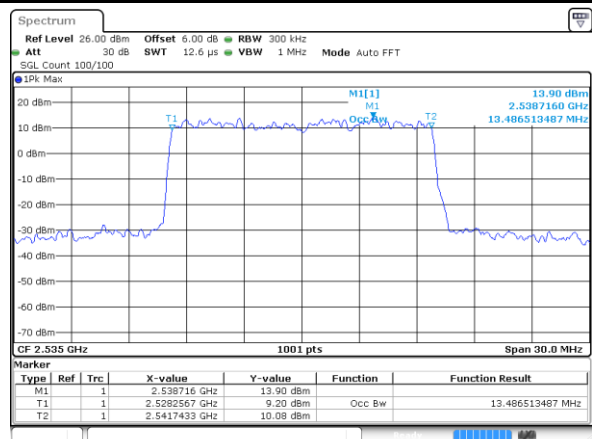
Date: 4 JUN 2022 22:34:08

Middle Channel / 15MHz / QPSK



Date: 4 JUN 2022 22:36:14

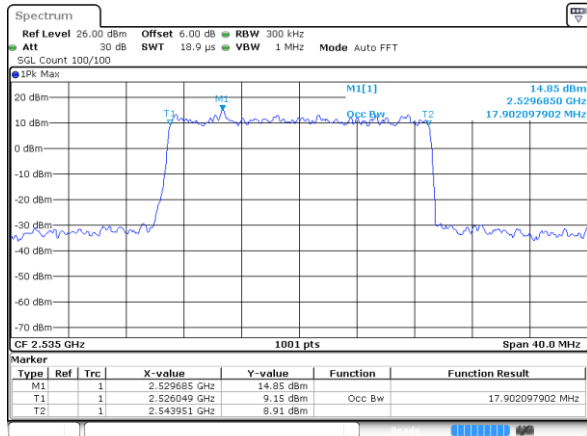
Middle Channel / 15MHz / 16QAM



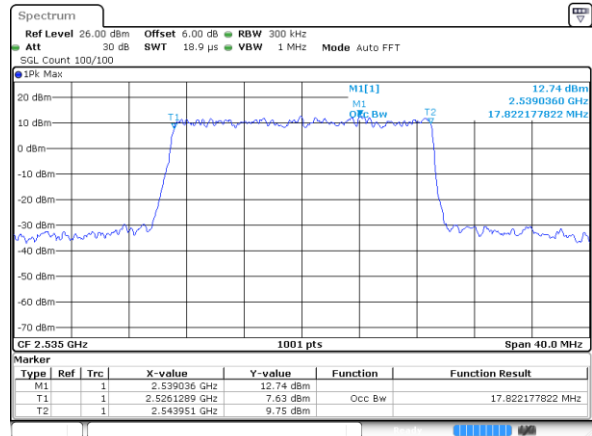
Date: 4 JUN 2022 22:35:53



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

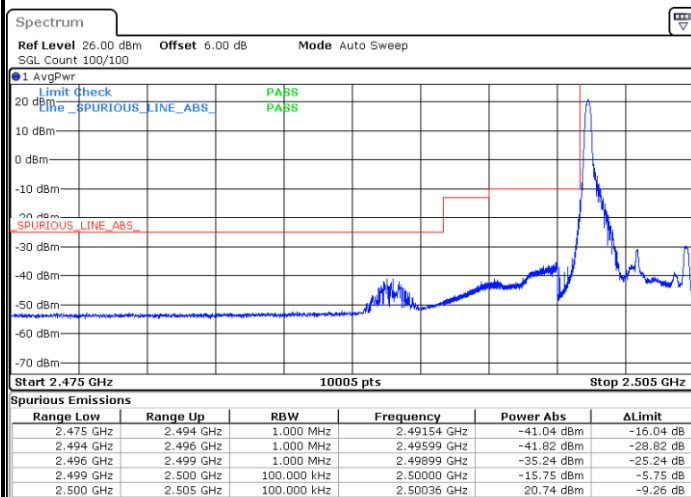




Conducted Band Edge

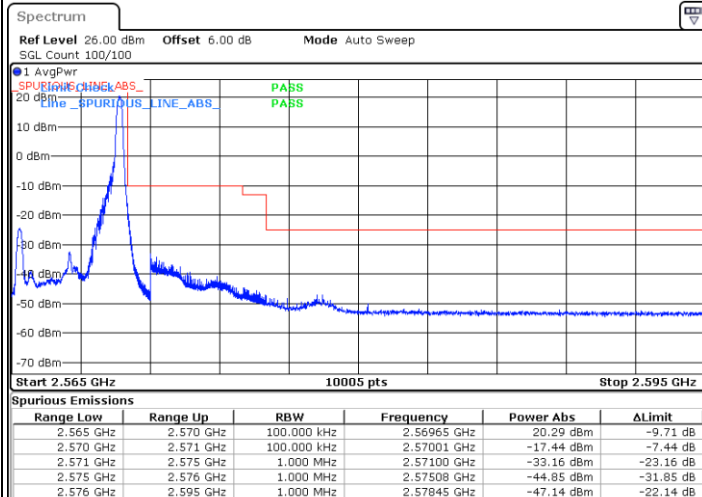
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



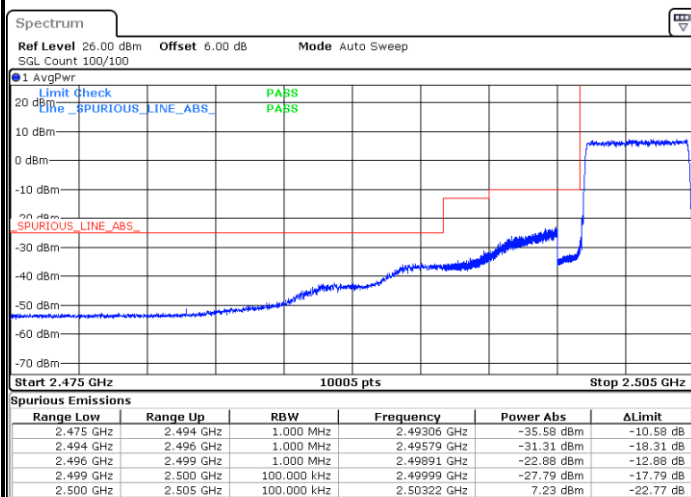
Date: 4 JUN 2022 21:06:25

Highest Band Edge / 1 RB



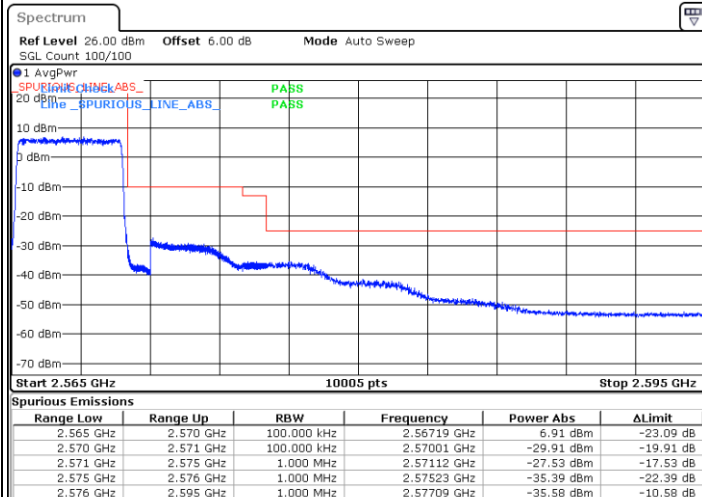
Date: 4 JUN 2022 21:17:46

Lowest Band Edge / Full RB



Date: 4 JUN 2022 21:13:07

Highest Band Edge / Full RB

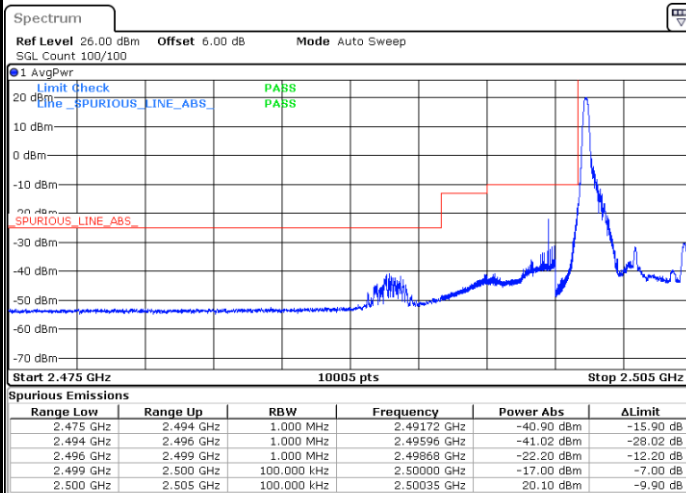


Date: 4 JUN 2022 21:24:26



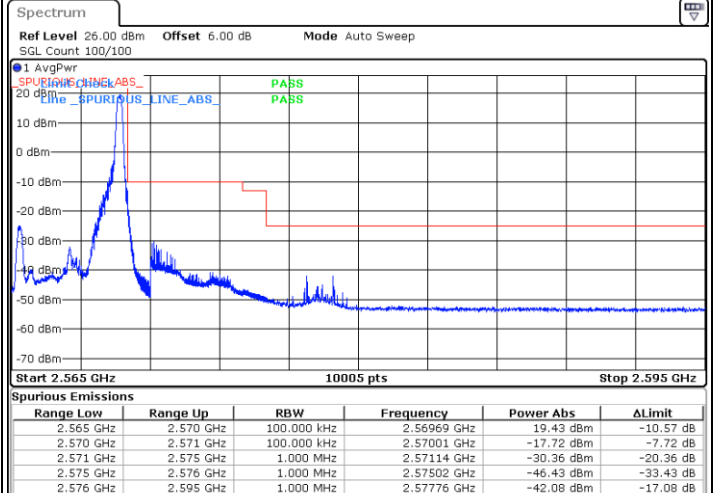
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



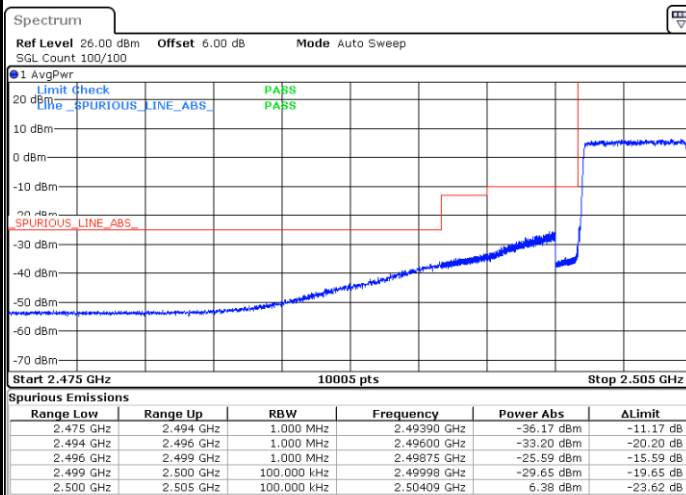
Date: 4 JUN 2022 21:07:45

Highest Band Edge / 1 RB



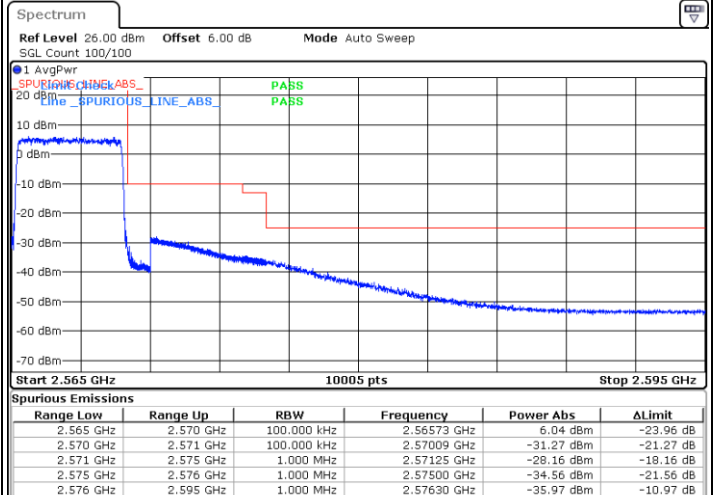
Date: 4 JUN 2022 21:19:06

Lowest Band Edge / Full RB



Date: 4 JUN 2022 21:11:46

Highest Band Edge / Full RB

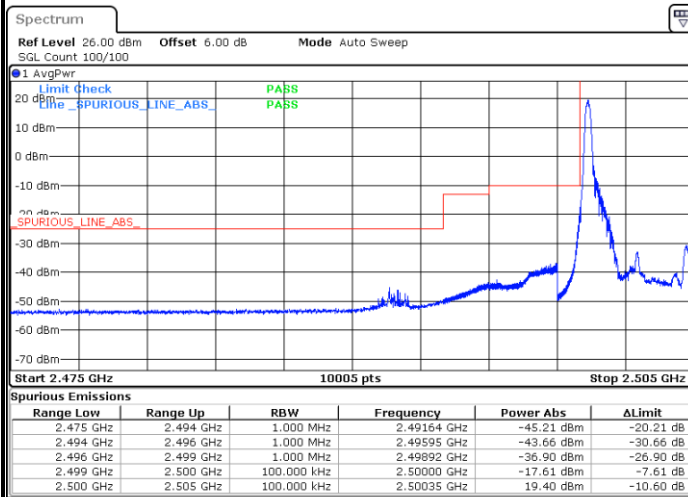


Date: 4 JUN 2022 21:23:06

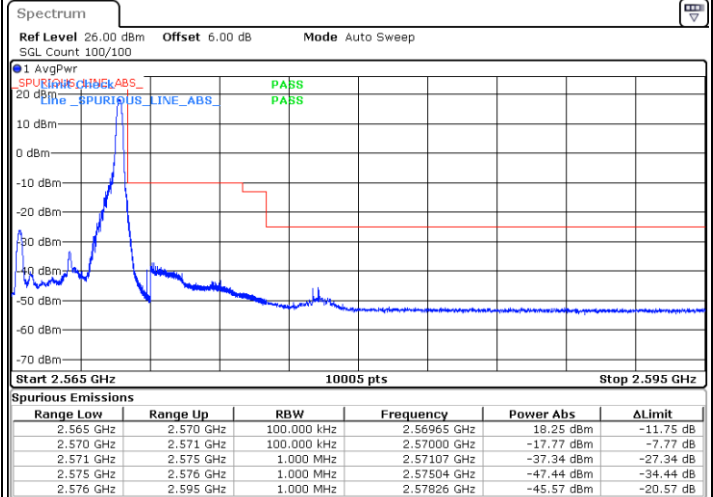


LTE Band 7 / 5MHz / 64QAM

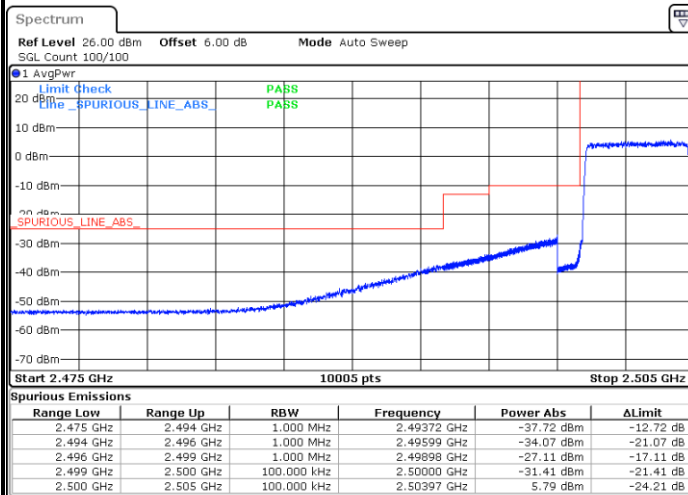
Lowest Band Edge / 1RB



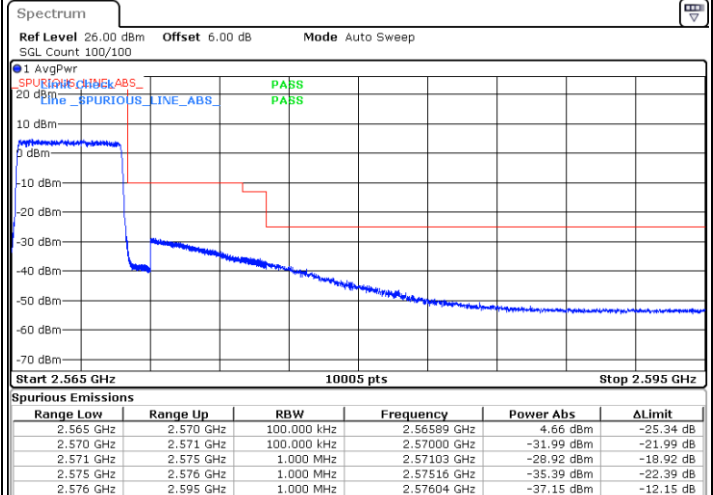
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



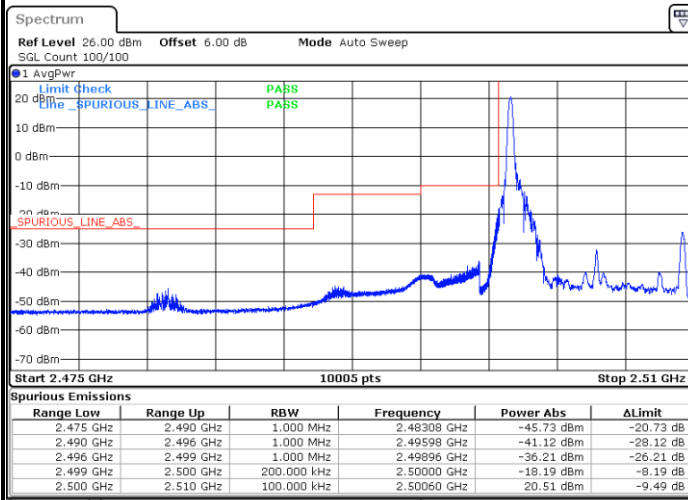
Highest Band Edge / Full RB



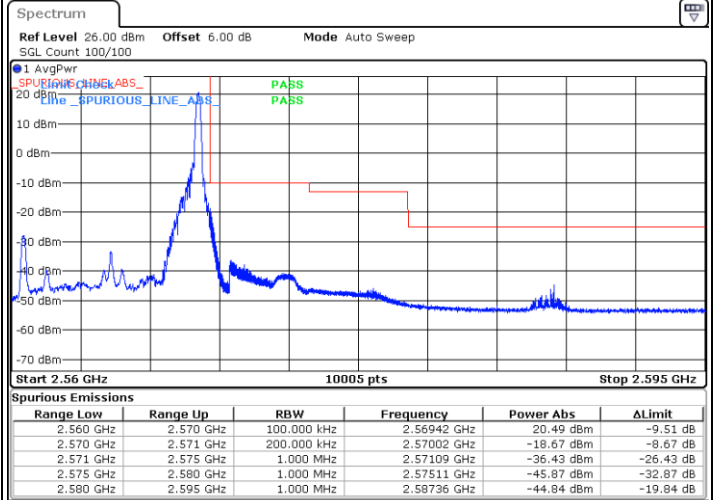


LTE Band 7 / 10MHz / QPSK

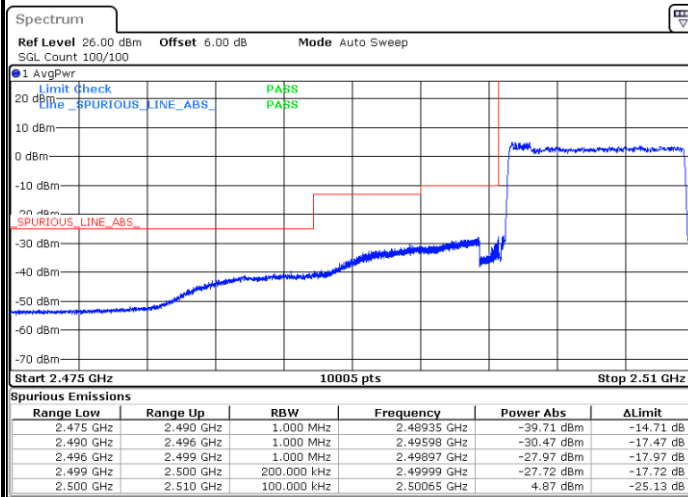
Lowest Band Edge / 1 RB



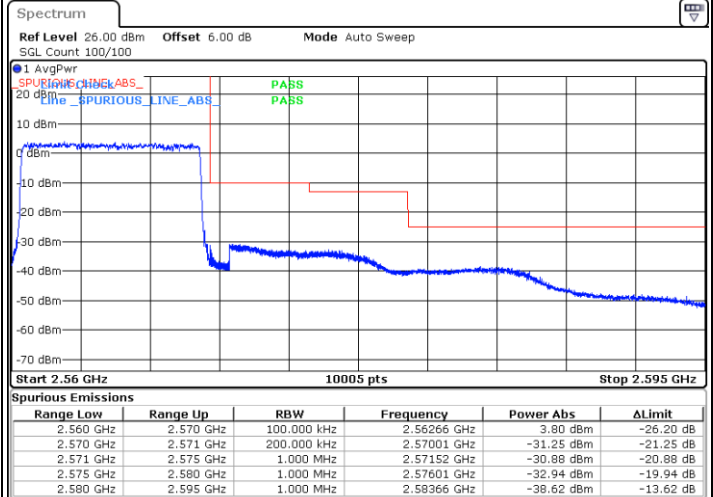
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



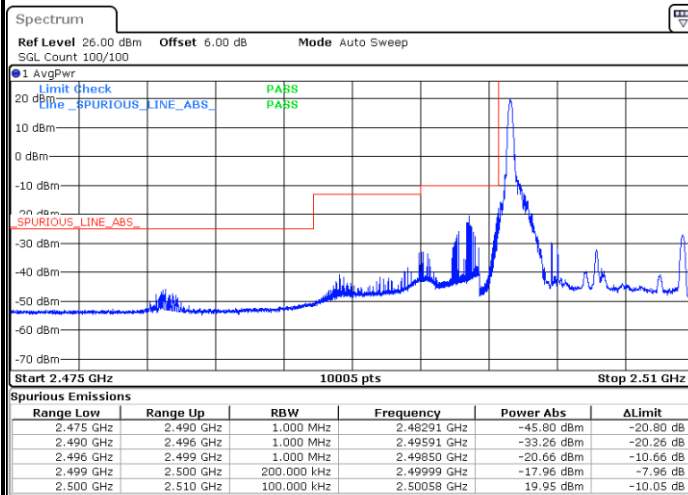
Highest Band Edge / Full RB



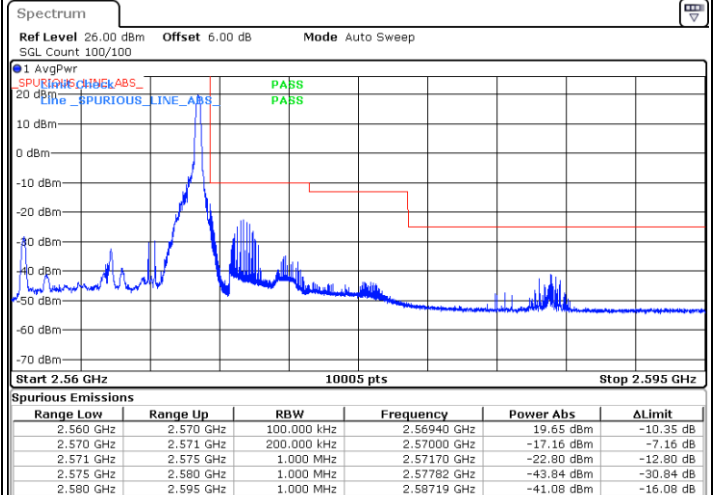


LTE Band 7 / 10MHz / 16QAM

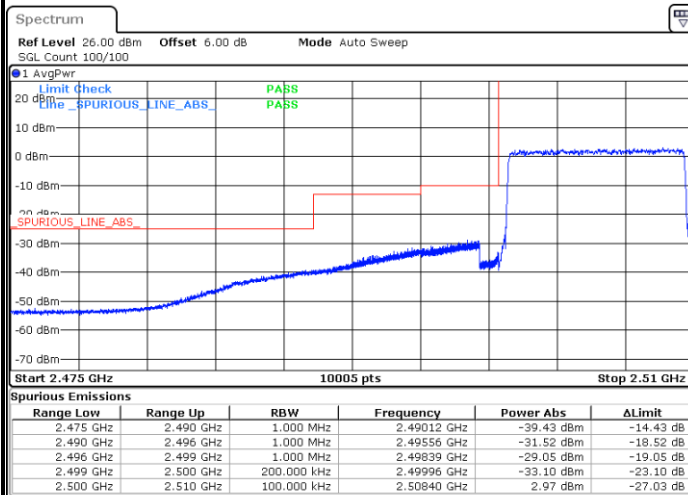
Lowest Band Edge / 1 RB



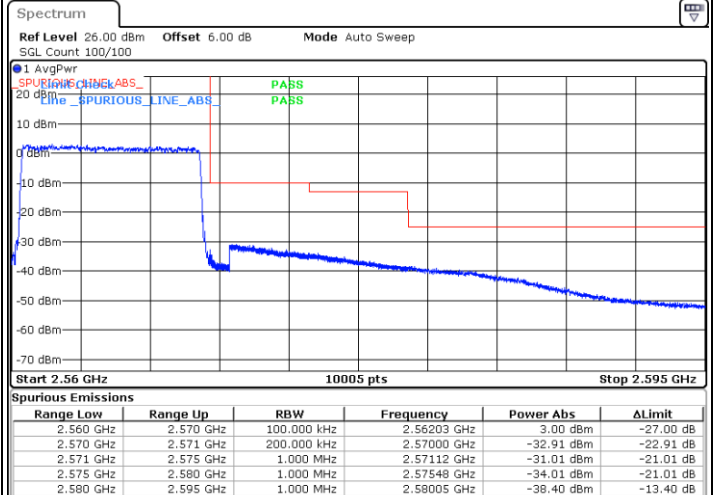
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



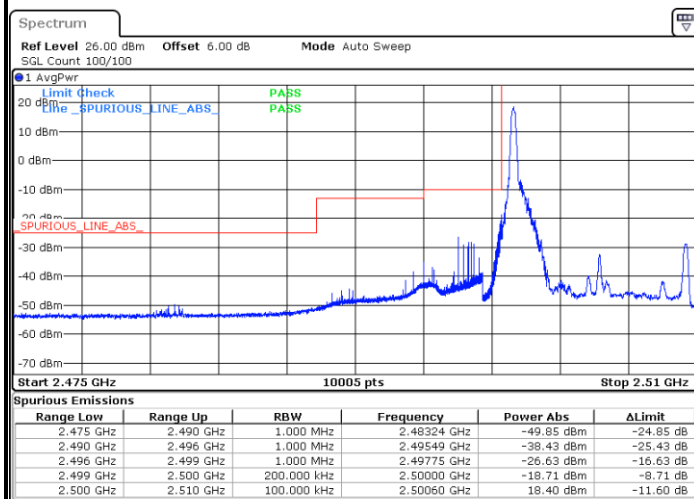
Highest Band Edge / Full RB



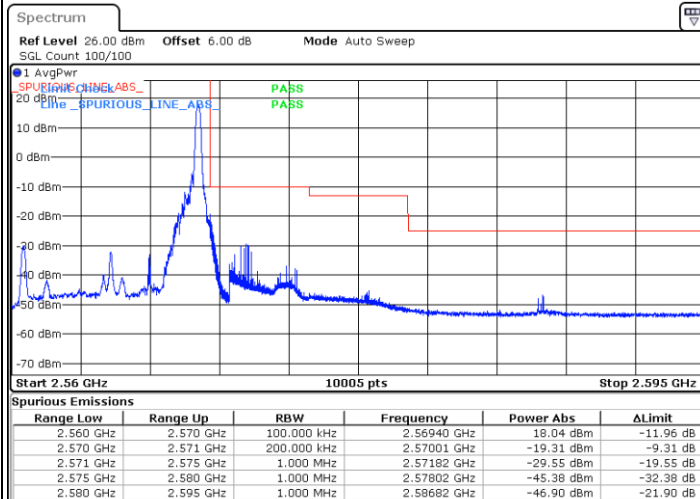


LTE Band 7 / 10MHz / 64QAM

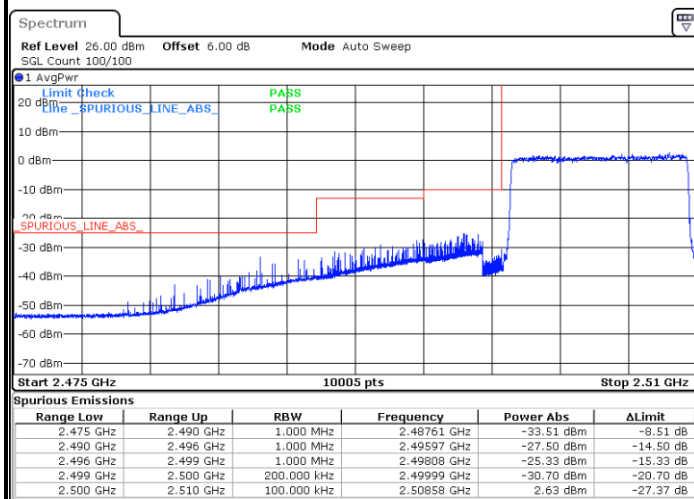
Lowest Band Edge / 1 RB



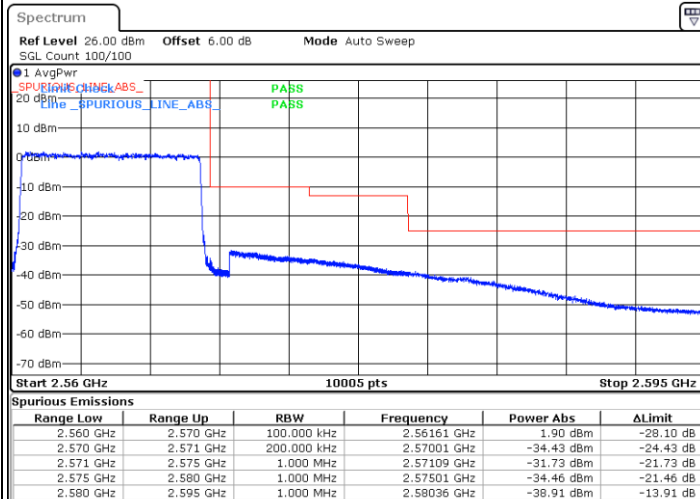
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



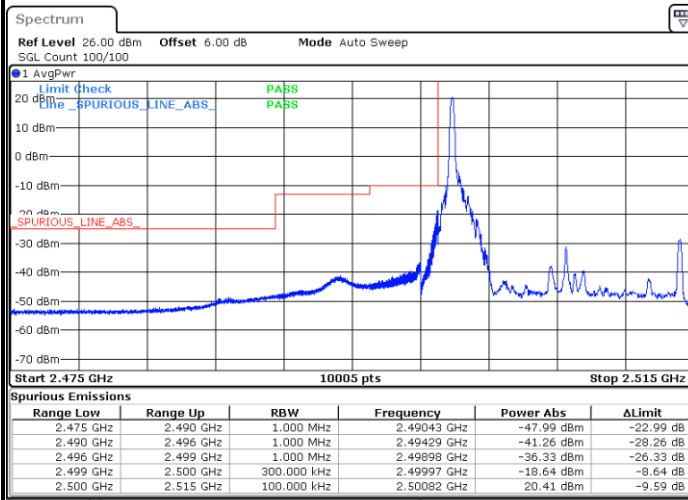
Highest Band Edge / Full RB



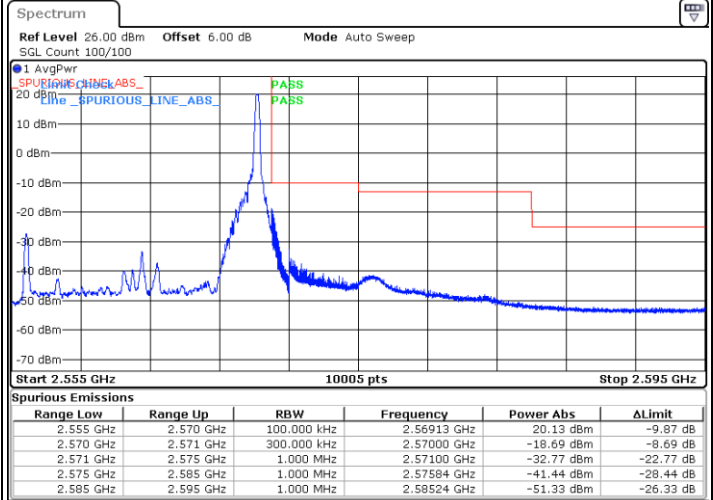


LTE Band 7 / 15MHz / QPSK

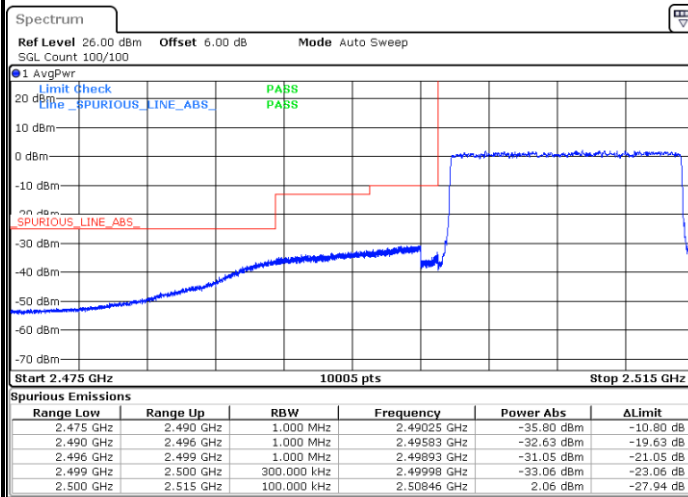
Lowest Band Edge / 1 RB



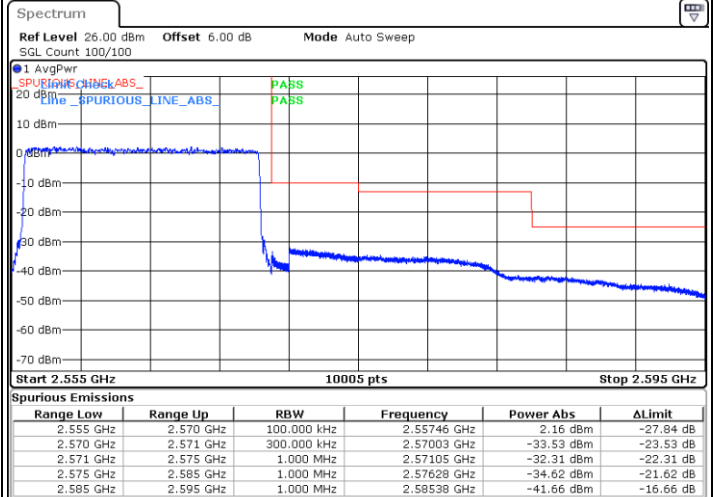
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



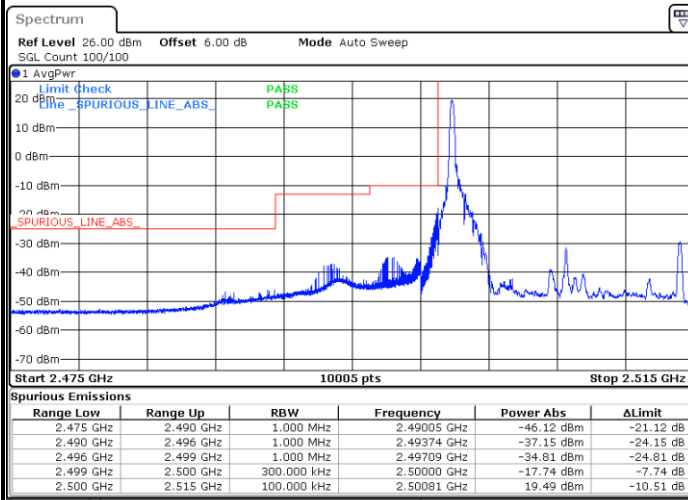
Highest Band Edge / Full RB



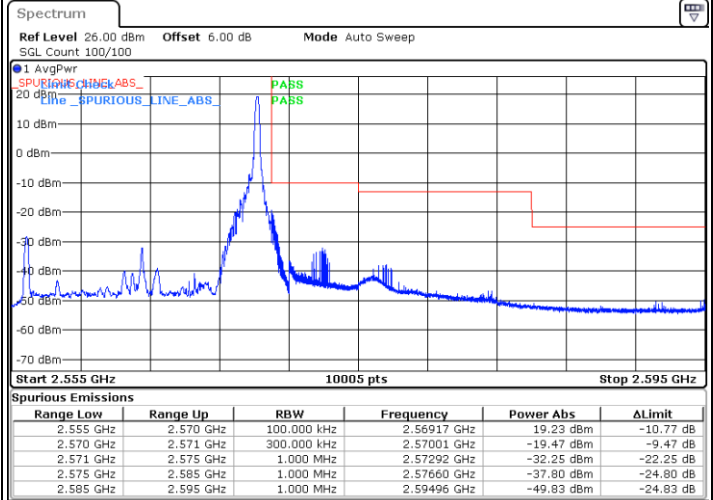


LTE Band 7 / 15MHz / 16QAM

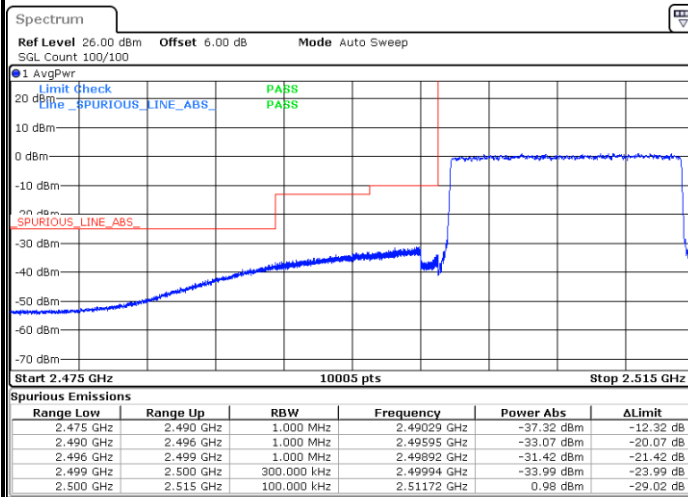
Lowest Band Edge / 1 RB



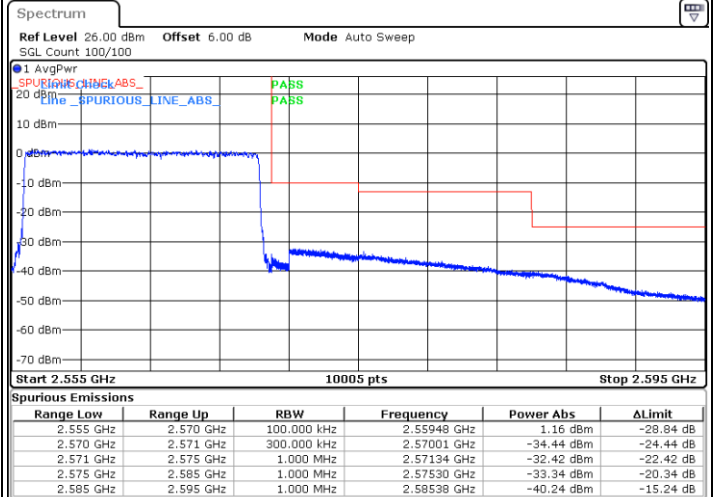
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



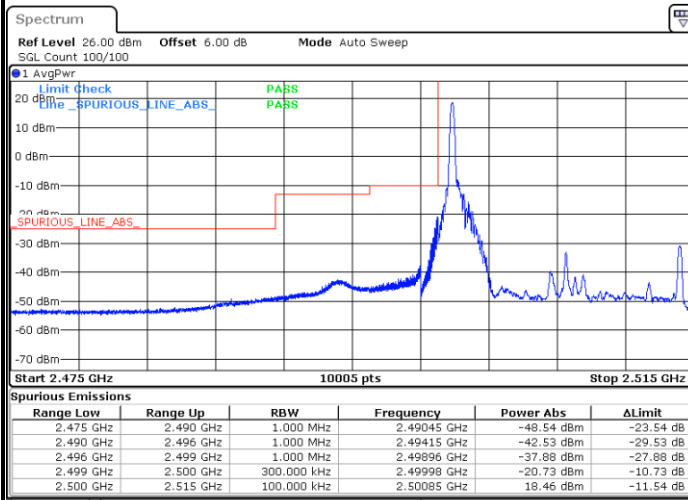
Highest Band Edge / Full RB





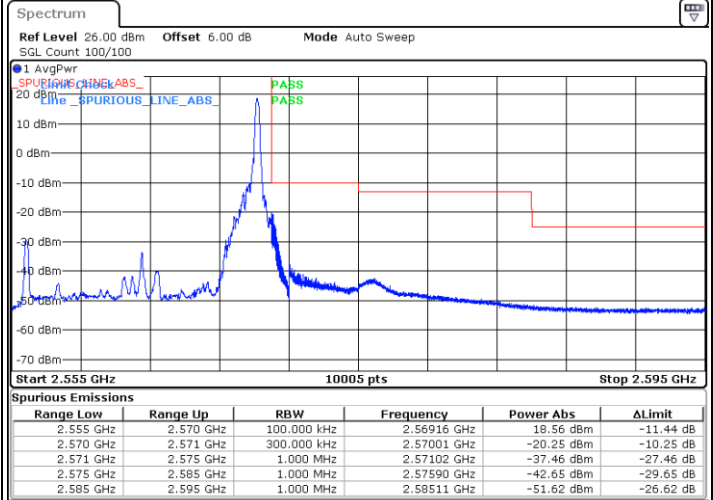
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



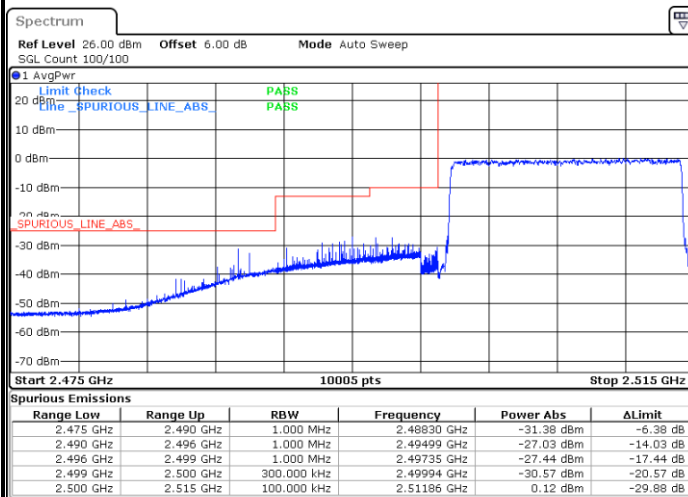
Date: 4 JUN 2022 21:51:10

Highest Band Edge / 1 RB



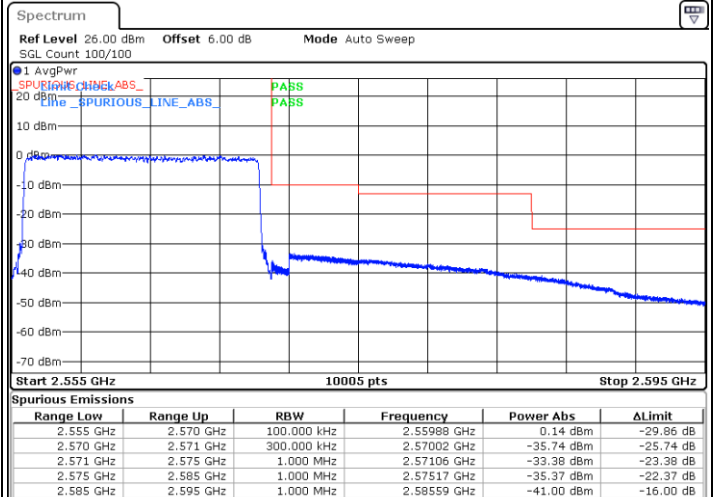
Date: 4 JUN 2022 22:02:31

Lowest Band Edge / Full RB



Date: 4 JUN 2022 21:52:30

Highest Band Edge / Full RB

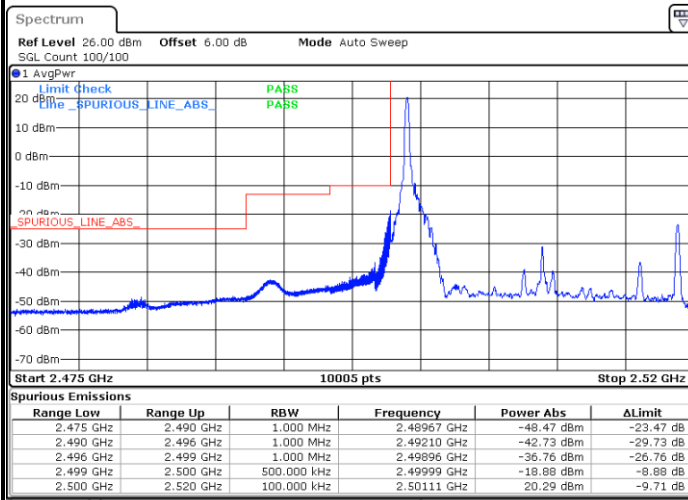


Date: 4 JUN 2022 22:03:51

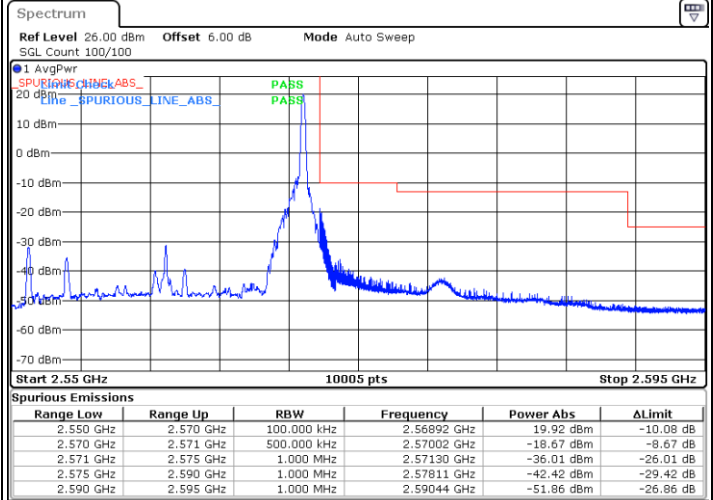


LTE Band 7 / 20MHz / QPSK

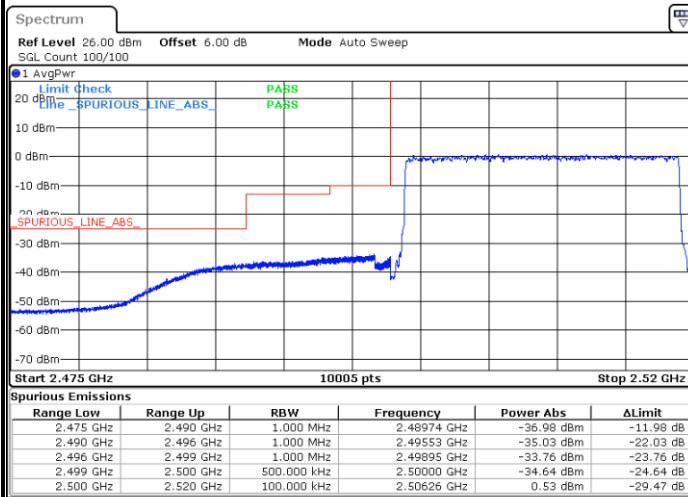
Lowest Band Edge / 1 RB



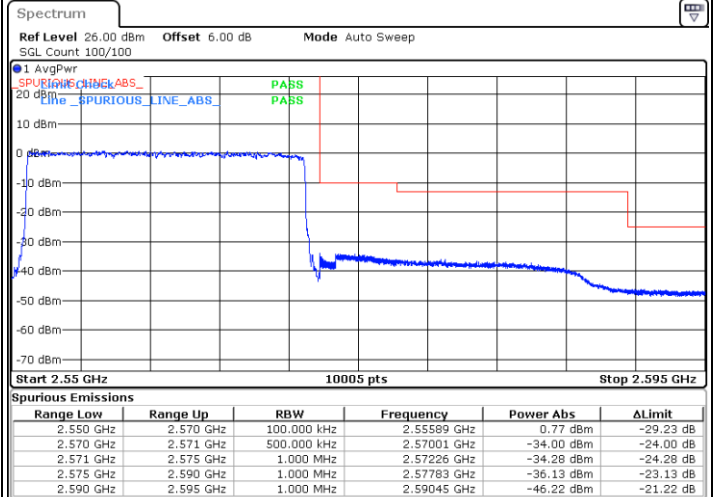
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



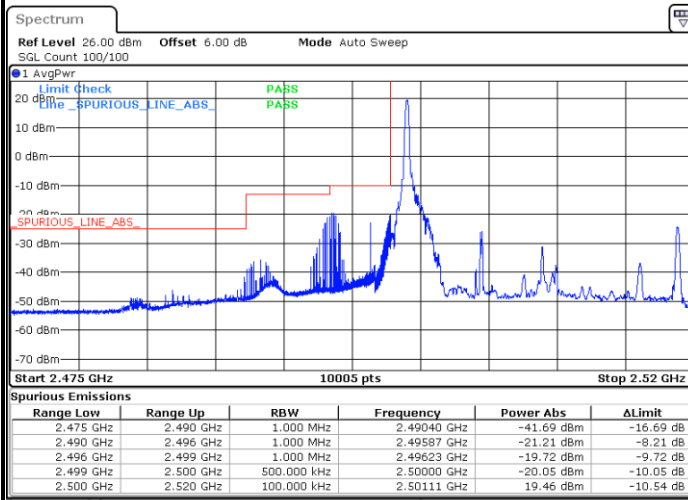
Highest Band Edge / Full RB



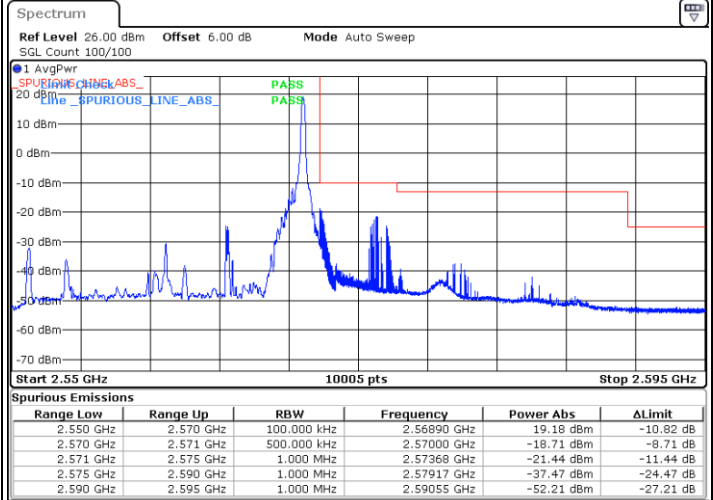


LTE Band 7 / 20MHz / 16QAM

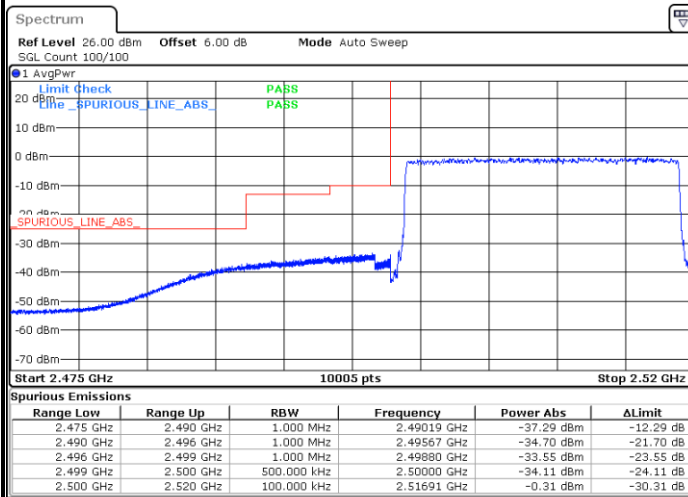
Lowest Band Edge / 1 RB



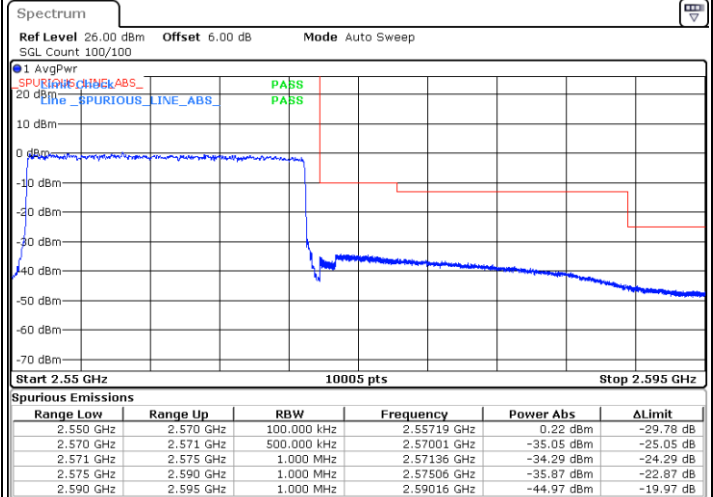
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



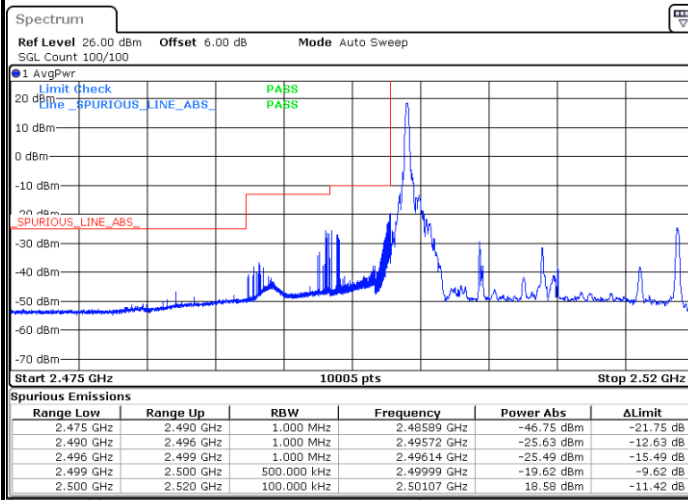
Highest Band Edge / Full RB



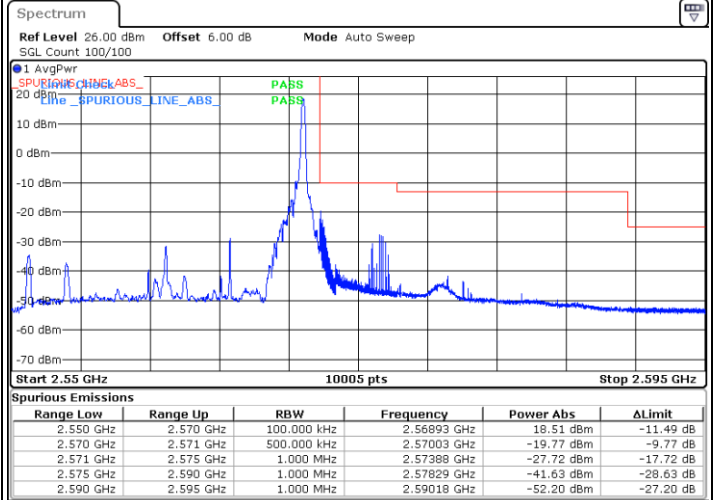


LTE Band 7 / 20MHz / 64QAM

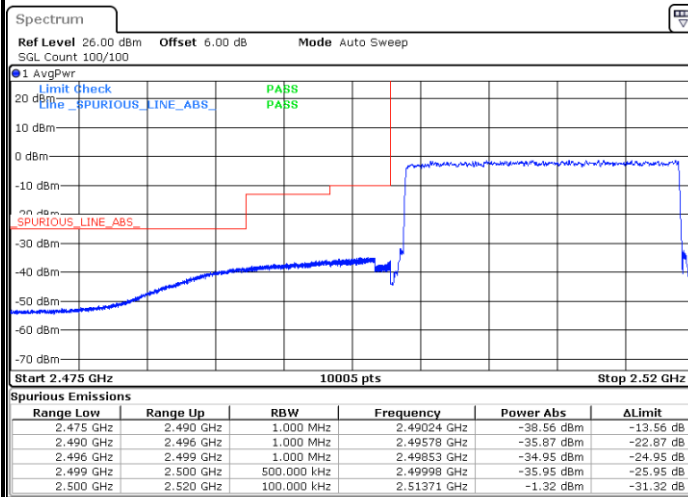
Lowest Band Edge / 1 RB



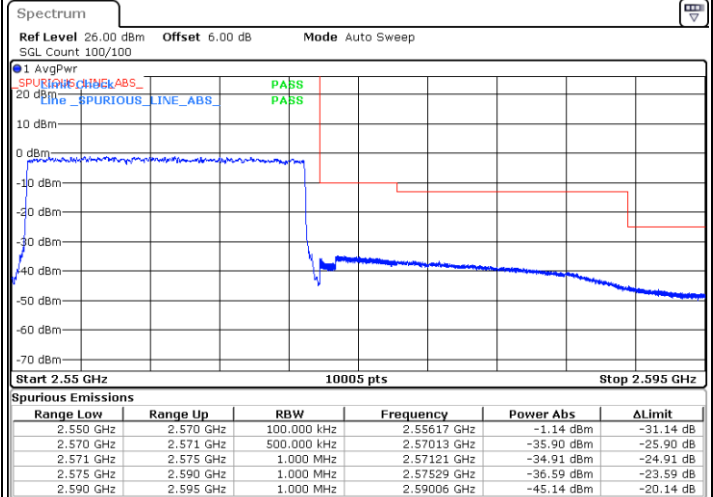
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

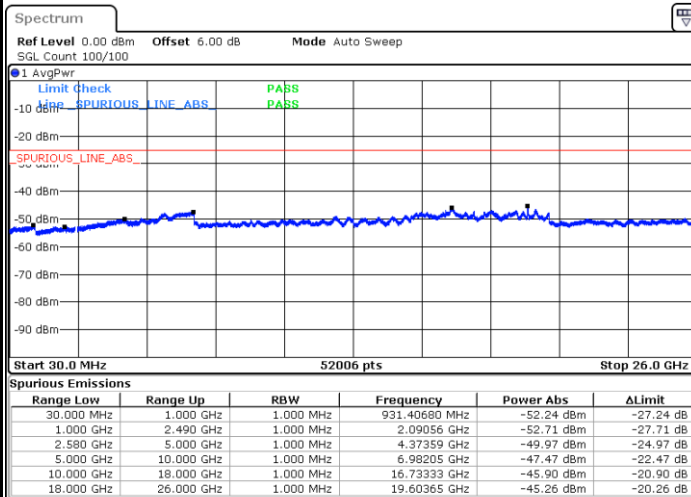




Conducted Spurious Emission

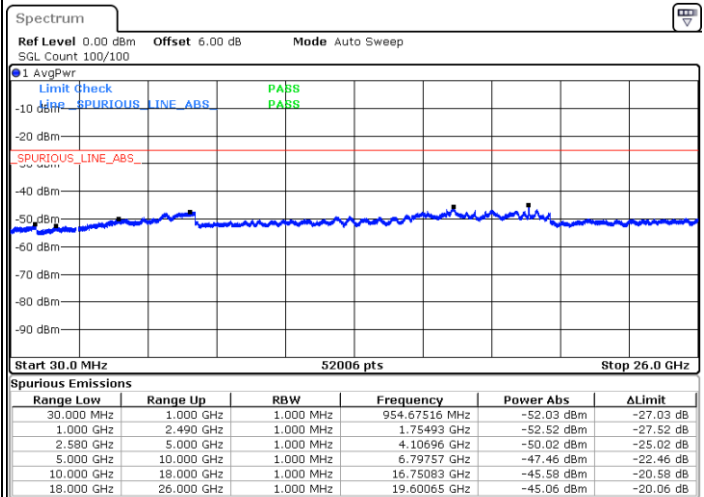
LTE Band 7 / 5MHz

Lowest Channel / QPSK



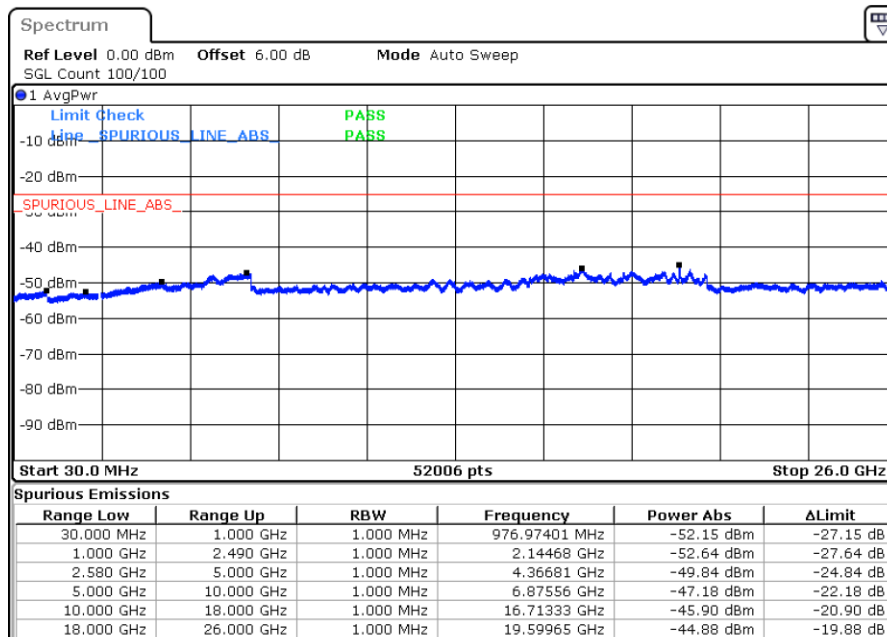
Date: 4 JUN 2022 21:05:04

Middle Channel / QPSK



Date: 4 JUN 2022 21:14:46

Highest Channel / QPSK

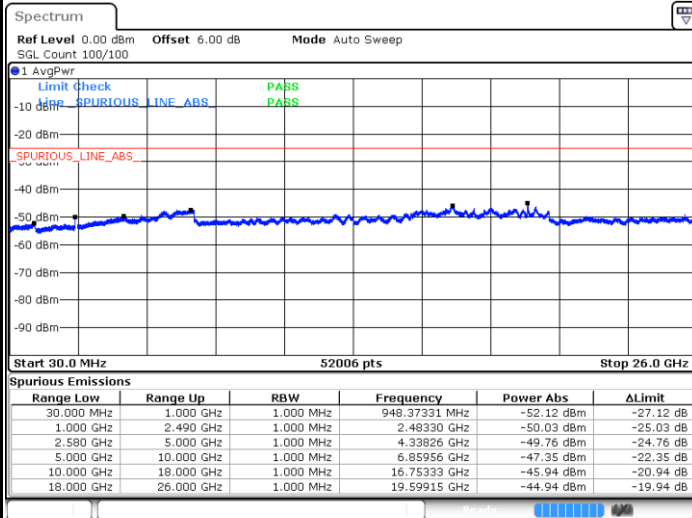


Date: 4 JUN 2022 21:16:25



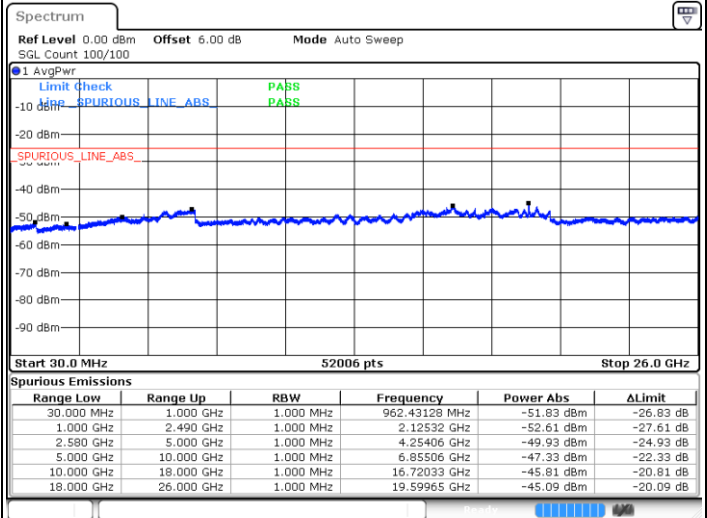
LTE Band 7 / 10MHz

Lowest Channel / QPSK



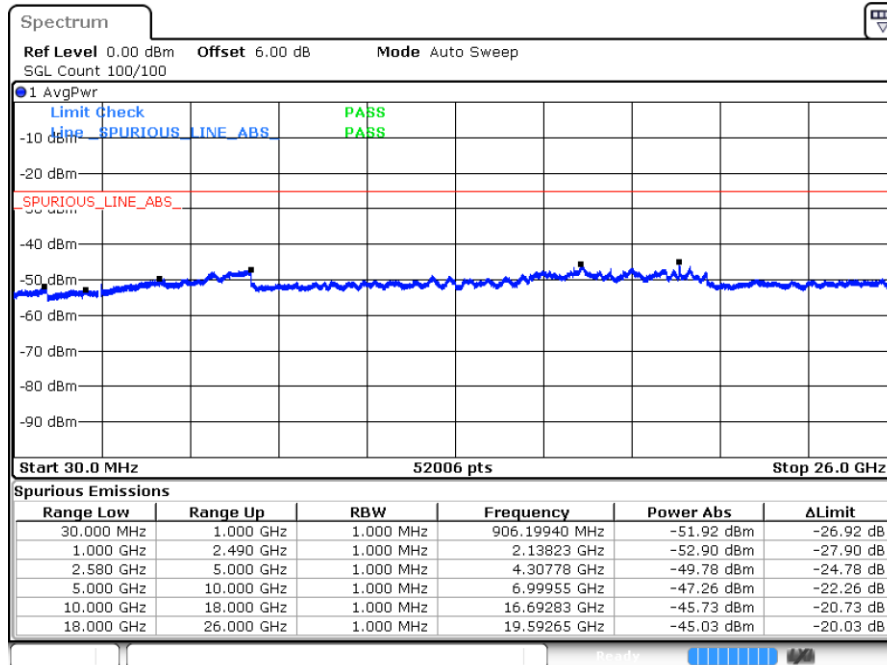
Date: 4 JUN 2022 21:26:07

Middle Channel / QPSK



Date: 4 JUN 2022 21:35:47

Highest Channel / QPSK



Date: 4 JUN 2022 21:37:26