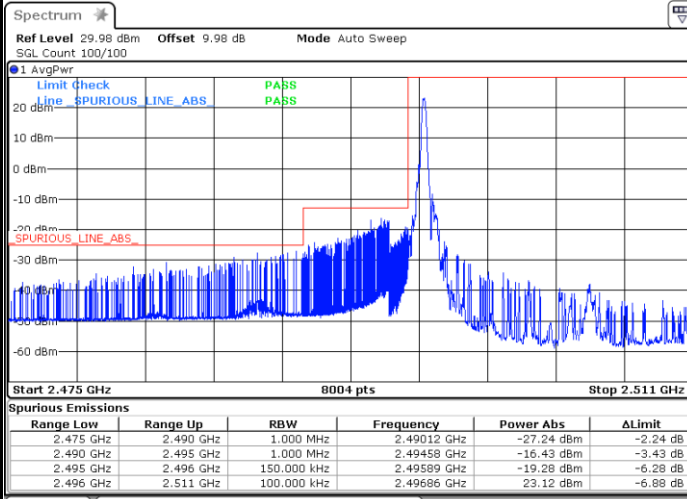




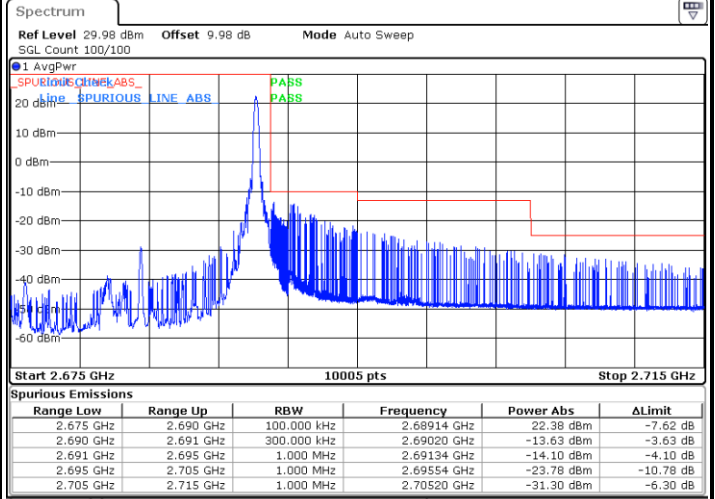
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



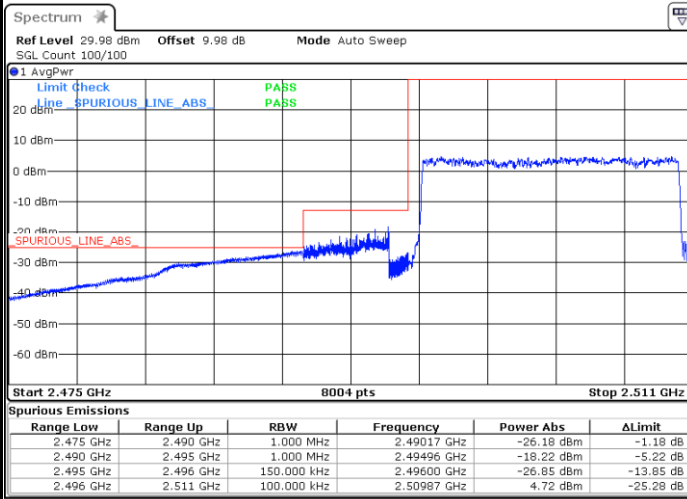
Date: 17.FEB.2023 17:05:21

Highest Band Edge / 1 RB



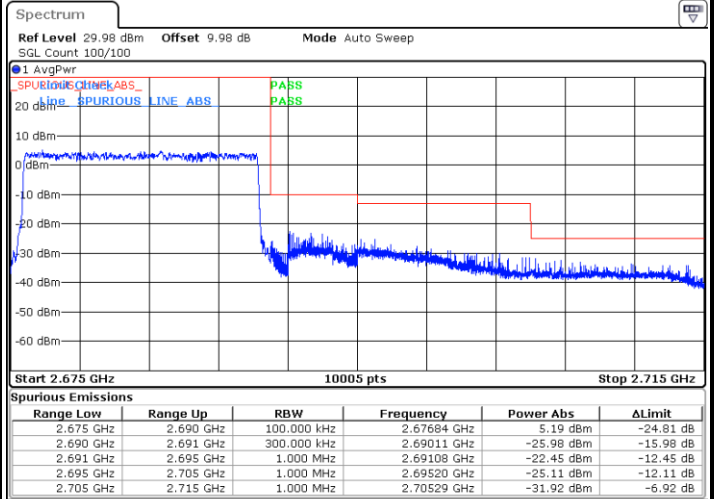
Date: 17.FEB.2023 17:18:14

Lowest Band Edge / Full RB



Date: 17.FEB.2023 17:57:01

Highest Band Edge / Full RB

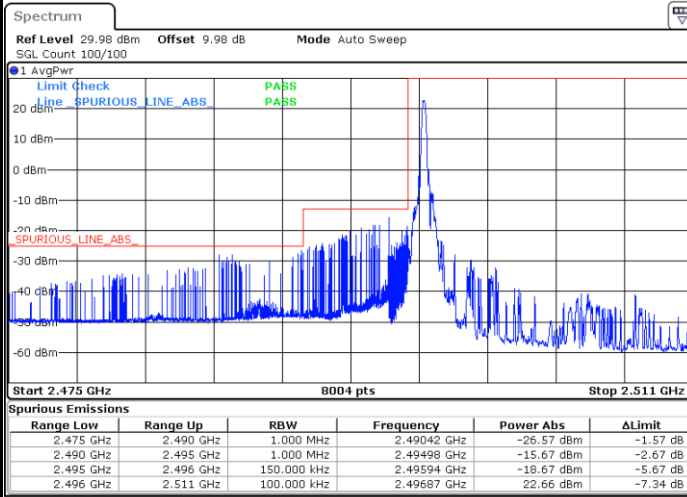


Date: 17.FEB.2023 17:22:36



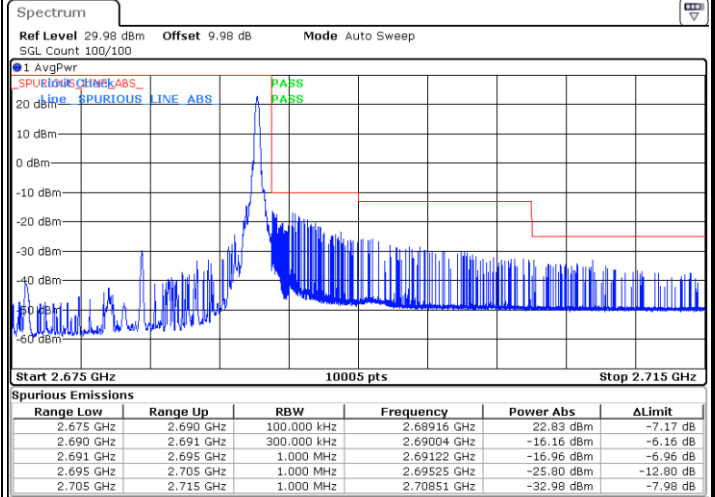
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



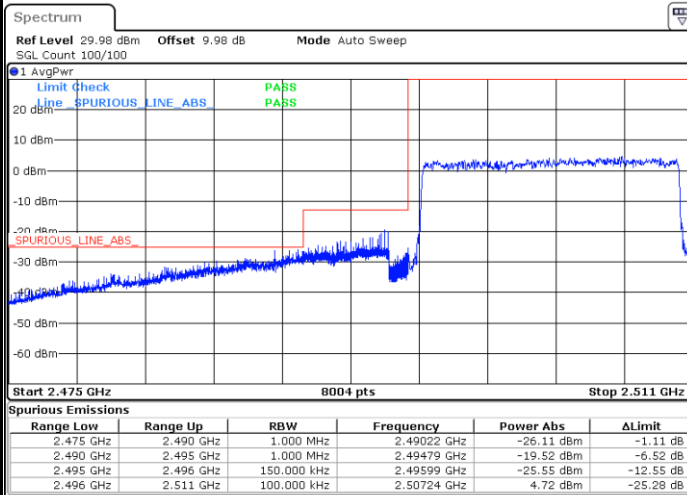
Date: 17.FEB.2023 17:06:28

Highest Band Edge / 1 RB



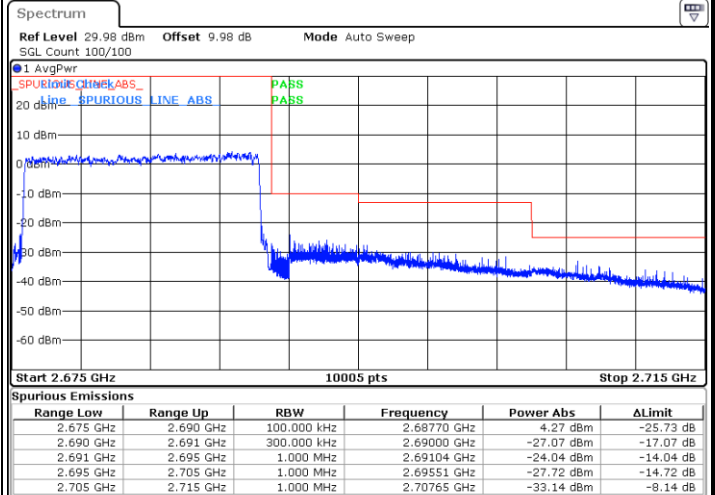
Date: 17.FEB.2023 17:19:19

Lowest Band Edge / Full RB



Date: 17.FEB.2023 17:10:59

Highest Band Edge / Full RB

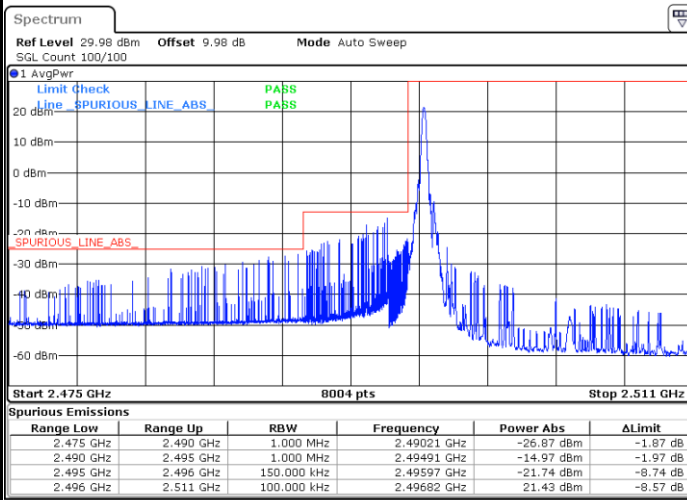


Date: 17.FEB.2023 17:23:41



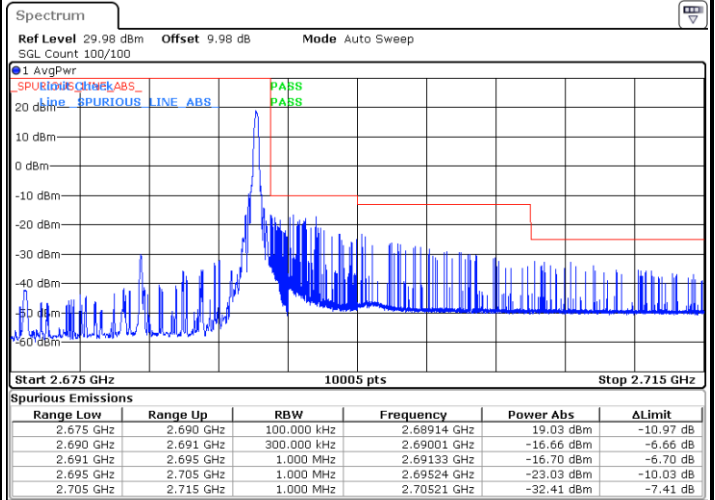
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



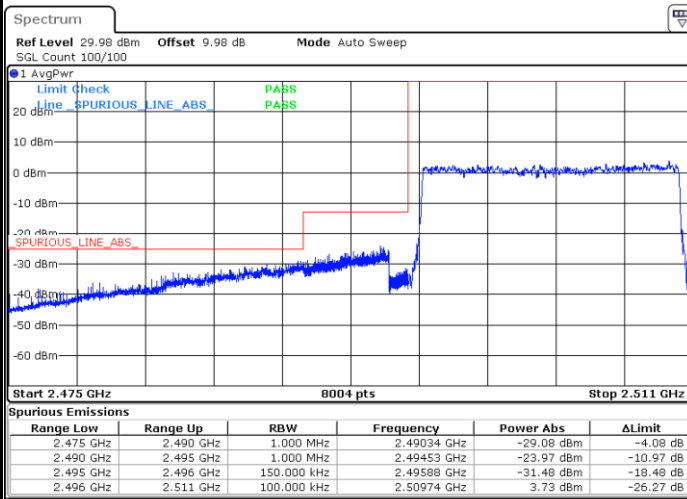
Date: 17.FEB.2023 17:07:35

Highest Band Edge / 1 RB



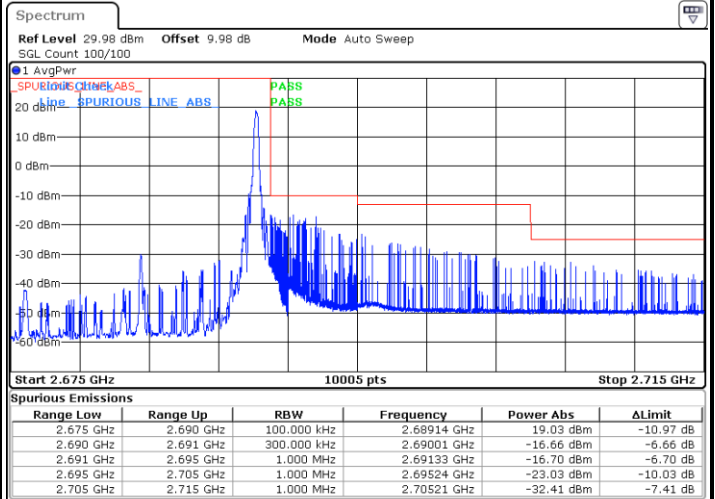
Date: 17.FEB.2023 17:20:24

Lowest Band Edge / Full RB



Date: 17.FEB.2023 17:12:06

Highest Band Edge / Full RB

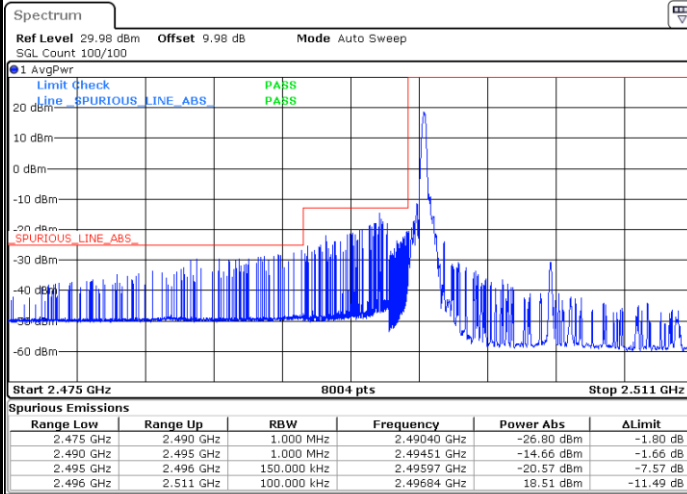


Date: 17.FEB.2023 17:20:24



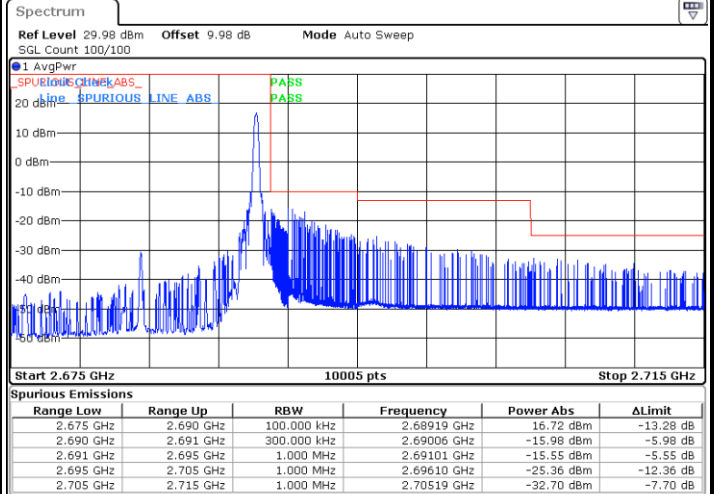
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB



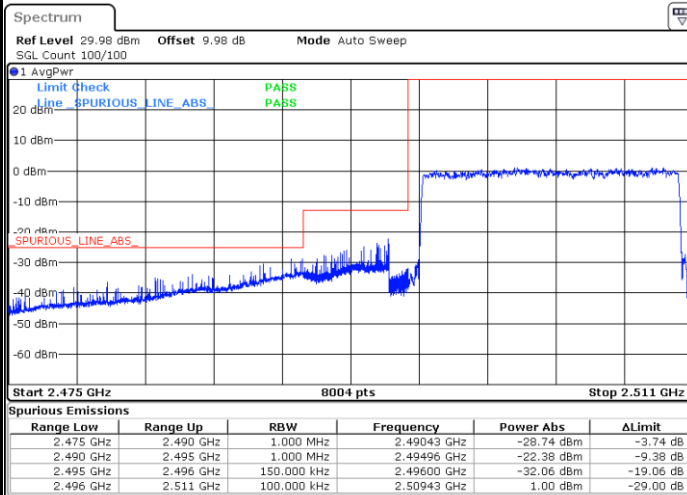
Date: 17.FEB.2023 17:08:42

Highest Band Edge / 1 RB



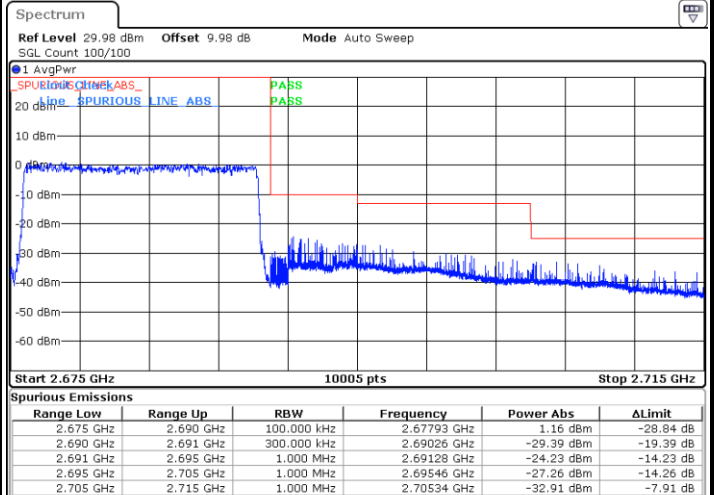
Date: 17.FEB.2023 17:21:29

Lowest Band Edge / Full RB



Date: 17.FEB.2023 17:13:13

Highest Band Edge / Full RB

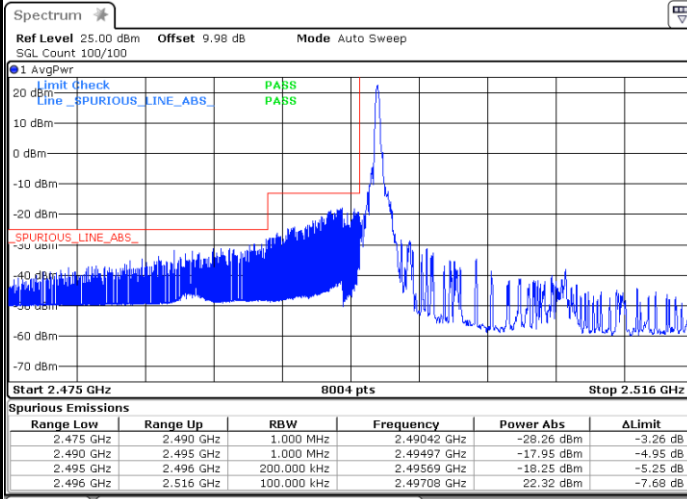


Date: 17.FEB.2023 17:25:51



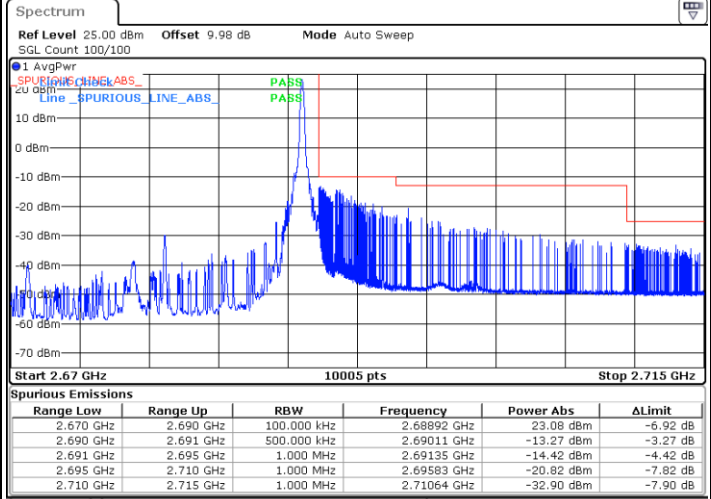
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



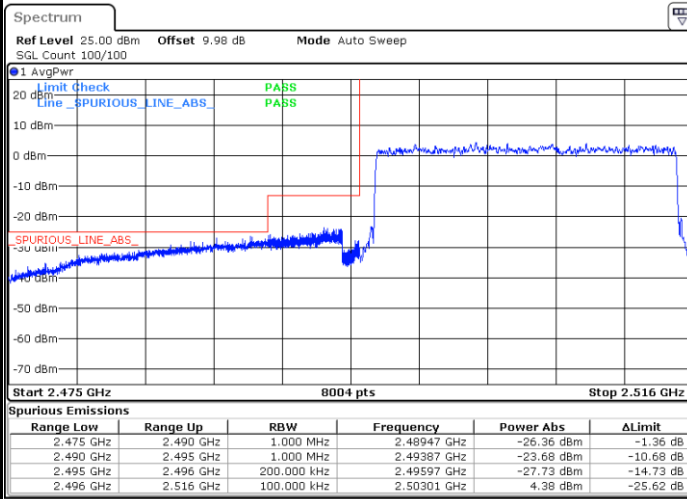
Date: 17.FEB.2023 17:51:35

Highest Band Edge / 1 RB



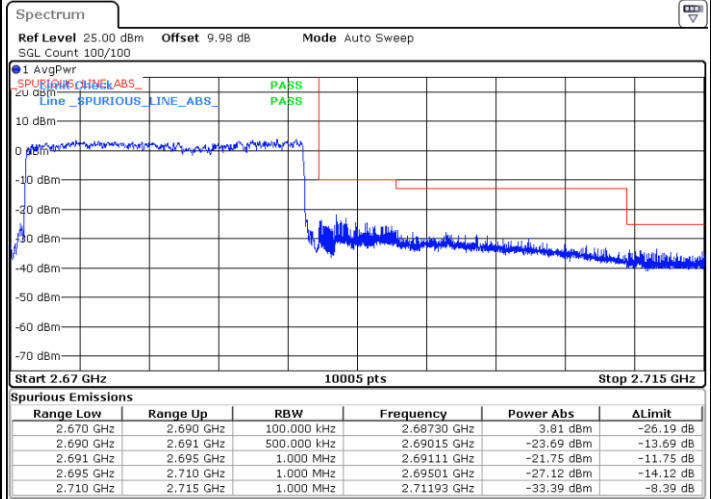
Date: 17.FEB.2023 17:41:27

Lowest Band Edge / Full RB



Date: 17.FEB.2023 17:33:05

Highest Band Edge / Full RB

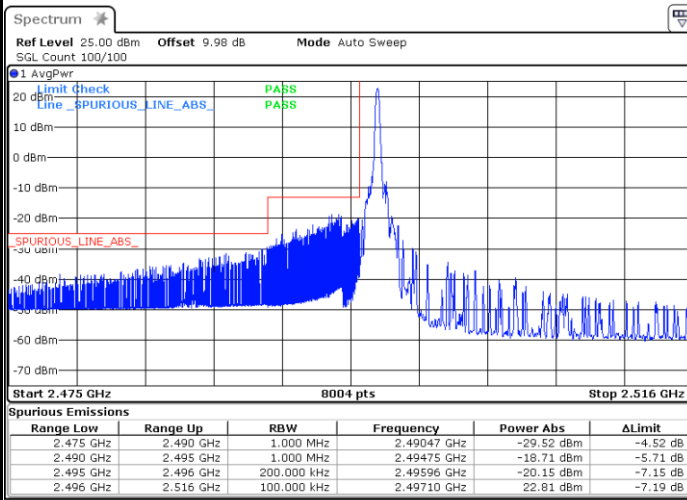


Date: 17.FEB.2023 17:45:48



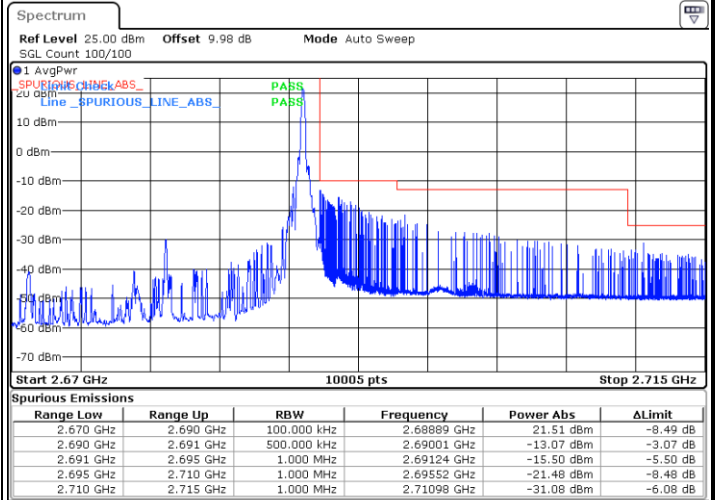
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



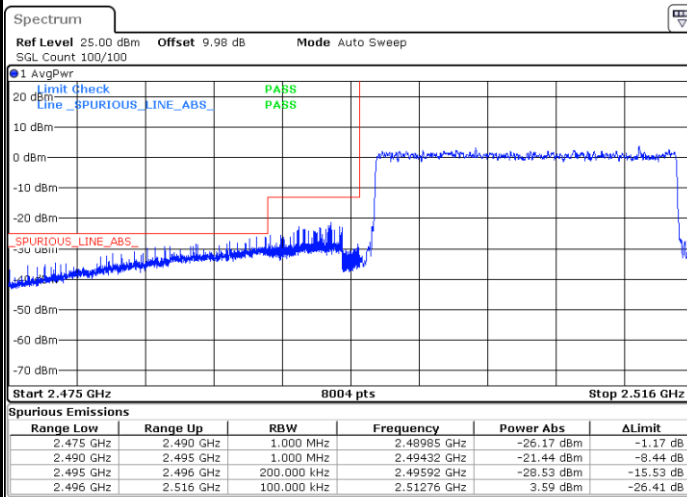
Date: 17.FEB.2023 17:52:31

Highest Band Edge / 1 RB



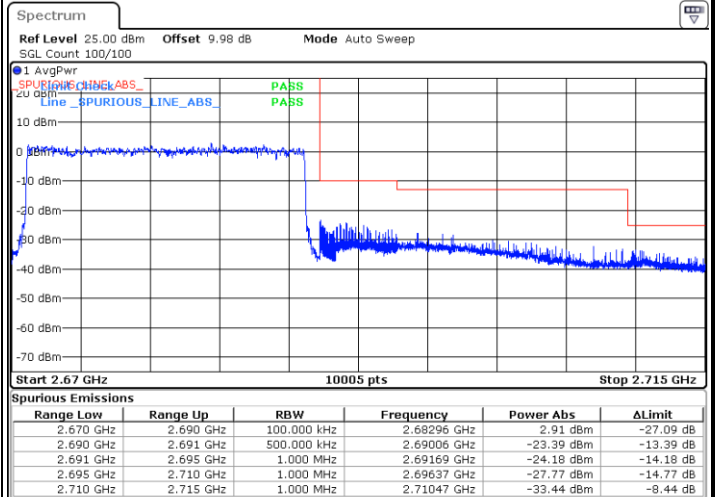
Date: 17.FEB.2023 17:42:32

Lowest Band Edge / Full RB



Date: 17.FEB.2023 17:34:12

Highest Band Edge / Full RB

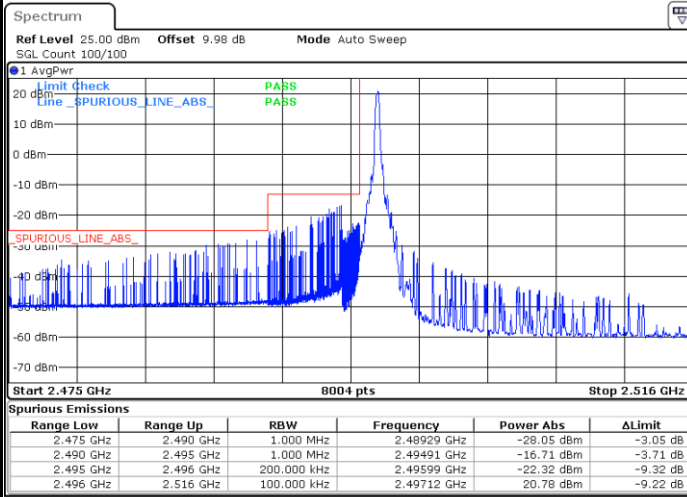


Date: 17.FEB.2023 17:46:53



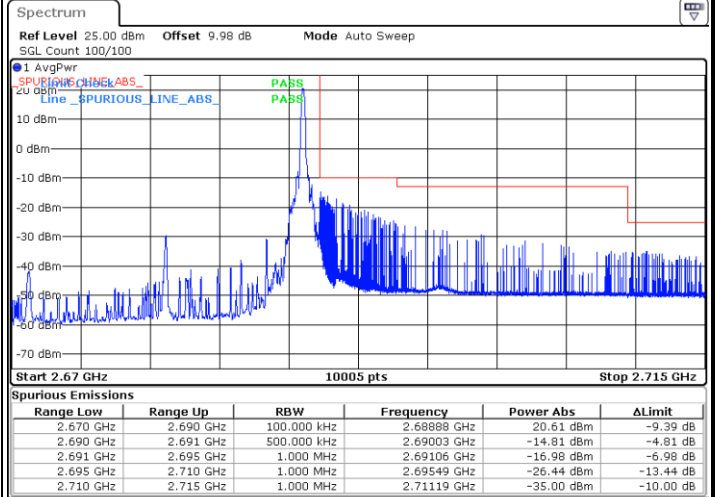
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



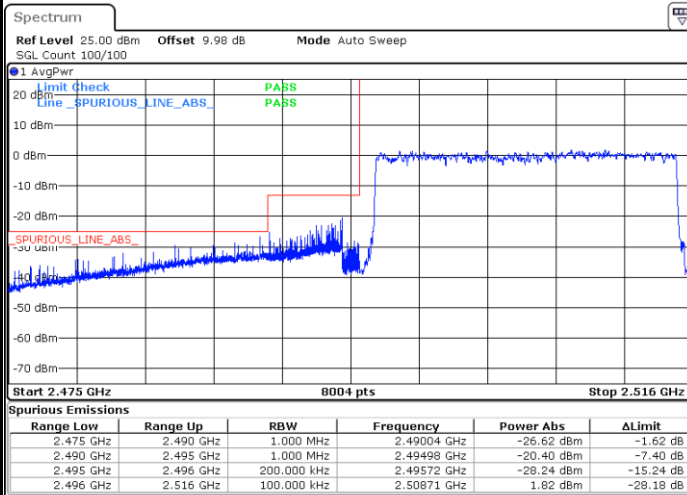
Date: 17.FEB.2023 17:30:51

Highest Band Edge / 1 RB



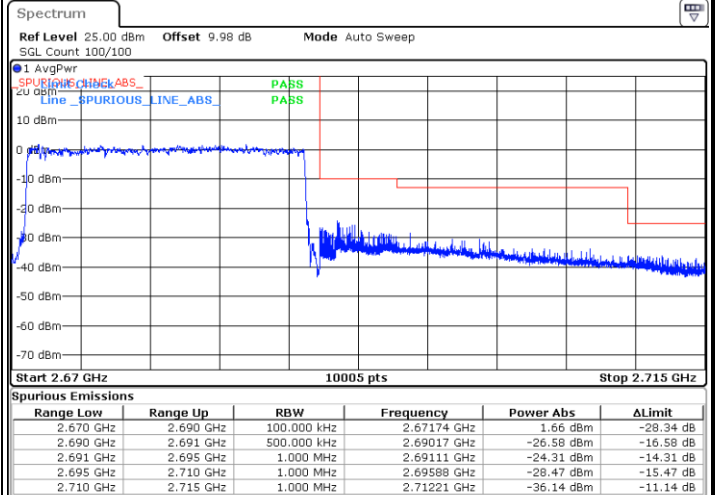
Date: 17.FEB.2023 17:43:37

Lowest Band Edge / Full RB



Date: 17.FEB.2023 17:35:19

Highest Band Edge / Full RB

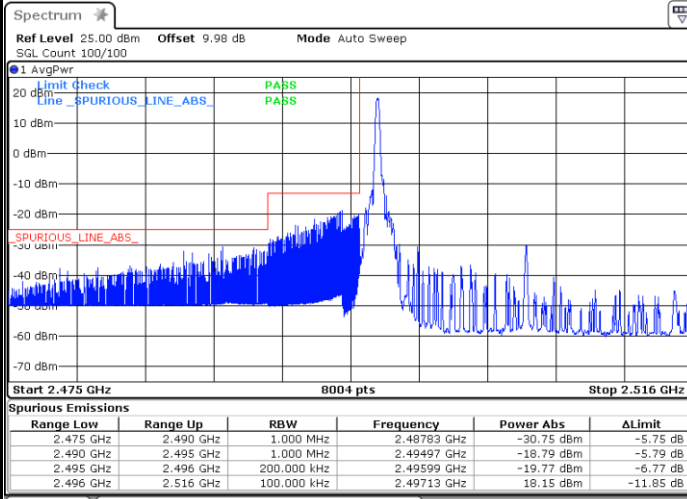


Date: 17.FEB.2023 17:47:58



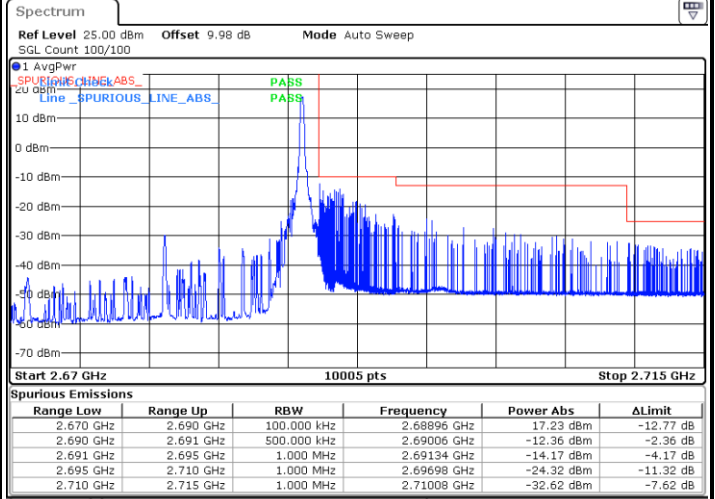
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB



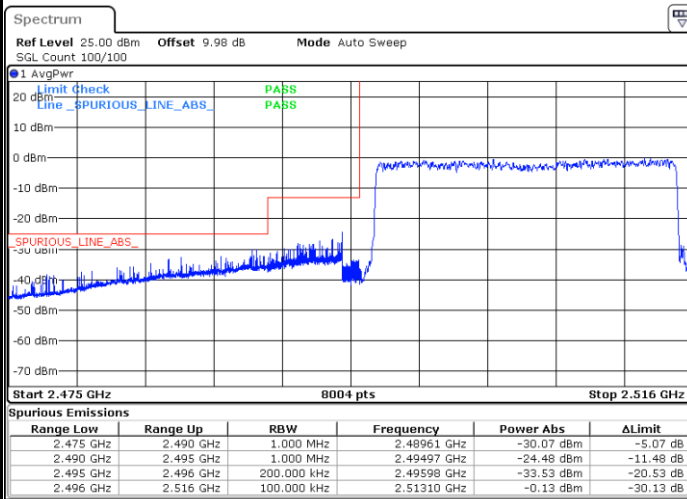
Date: 17.FEB.2023 17:53:39

Highest Band Edge / 1 RB



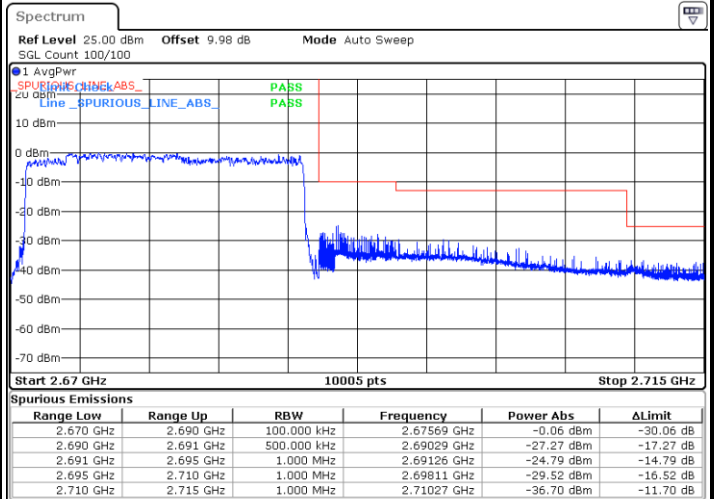
Date: 17.FEB.2023 17:44:42

Lowest Band Edge / Full RB



Date: 17.FEB.2023 17:36:26

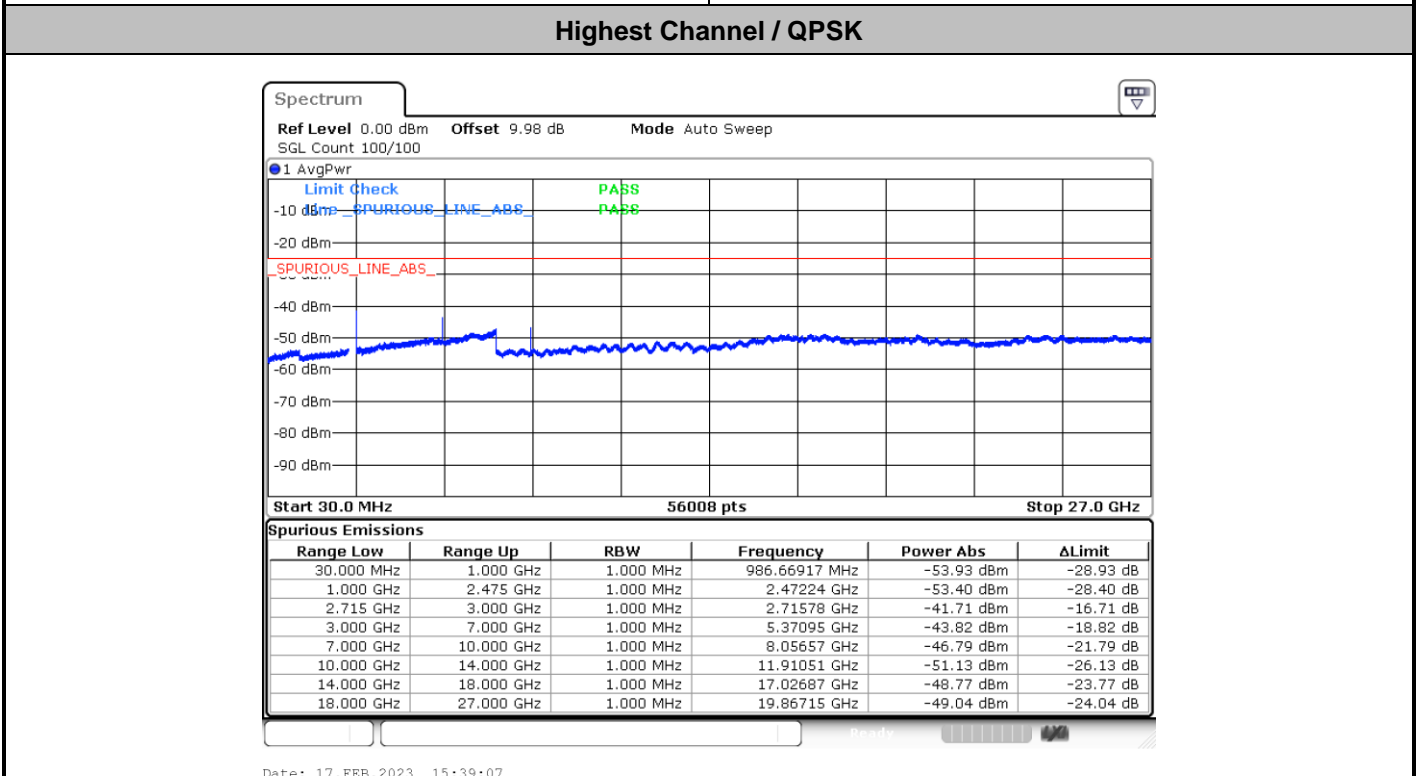
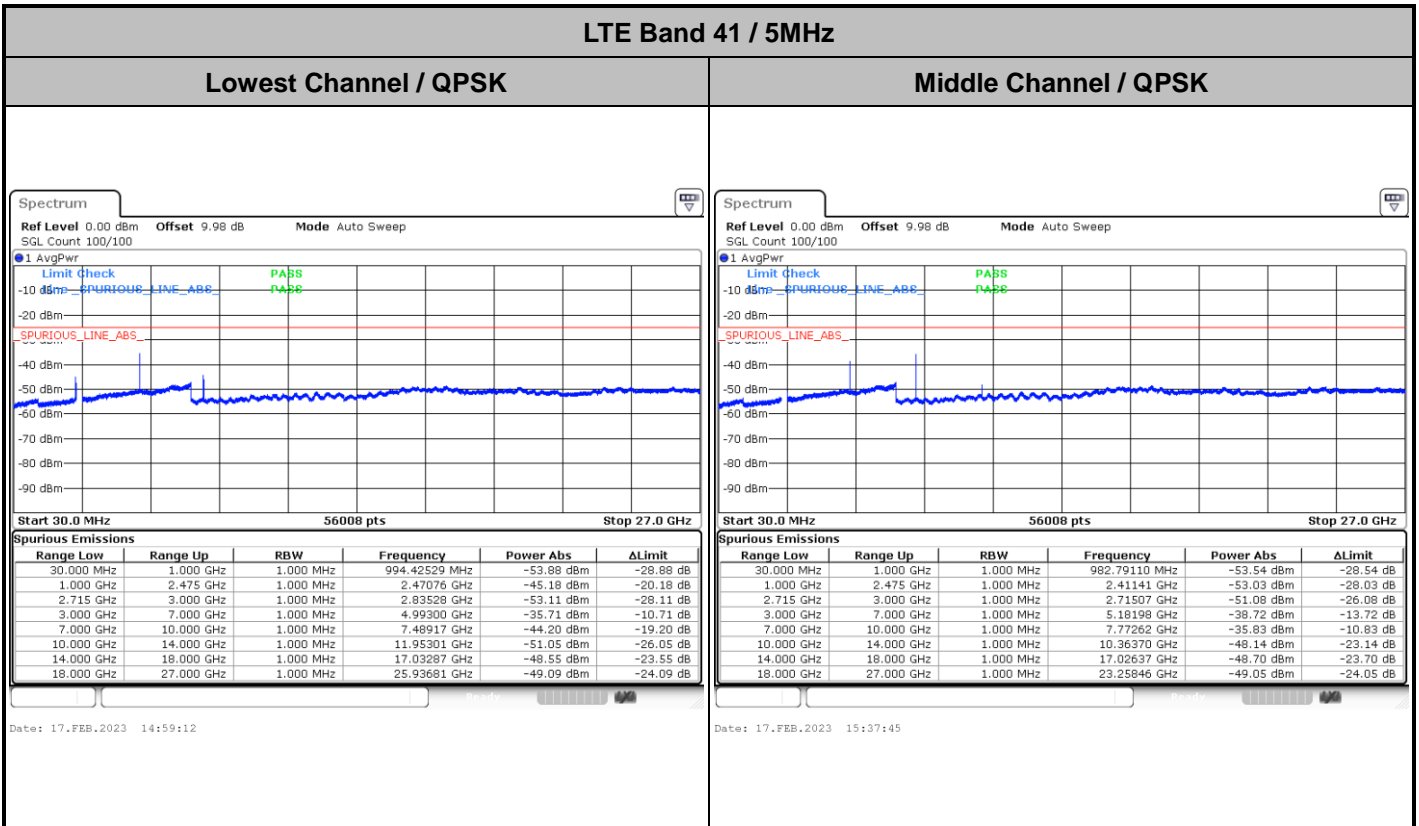
Highest Band Edge / Full RB



Date: 17.FEB.2023 17:49:03



Conducted Spurious Emission

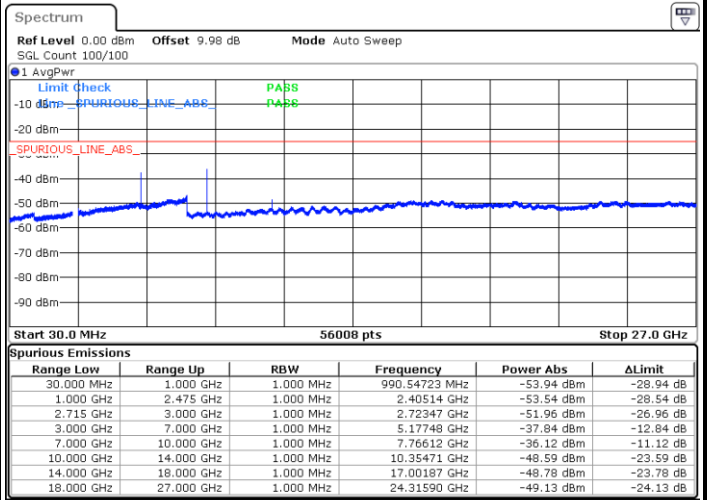
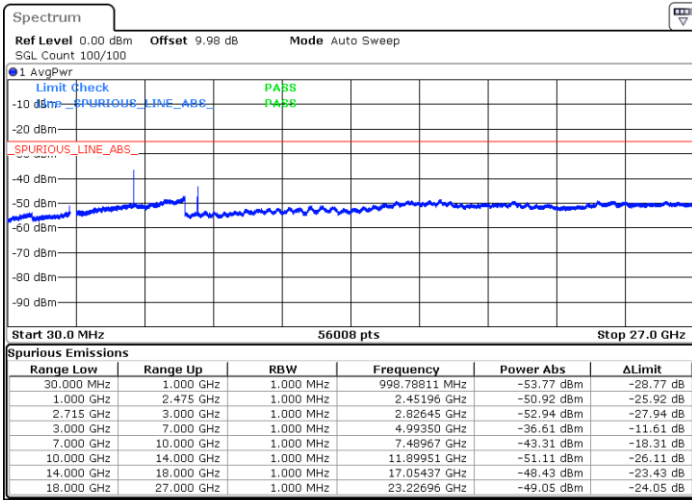




LTE Band 41 / 10MHz

Lowest Channel / QPSK

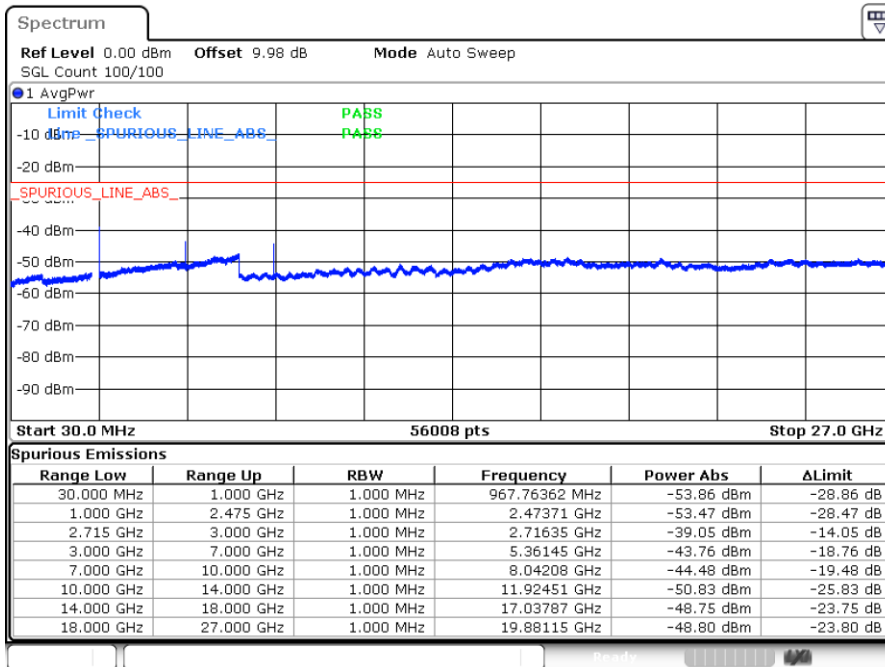
Middle Channel / QPSK



Date: 17.FEB.2023 15:55:56

Date: 17.FEB.2023 16:13:24

Highest Channel / QPSK



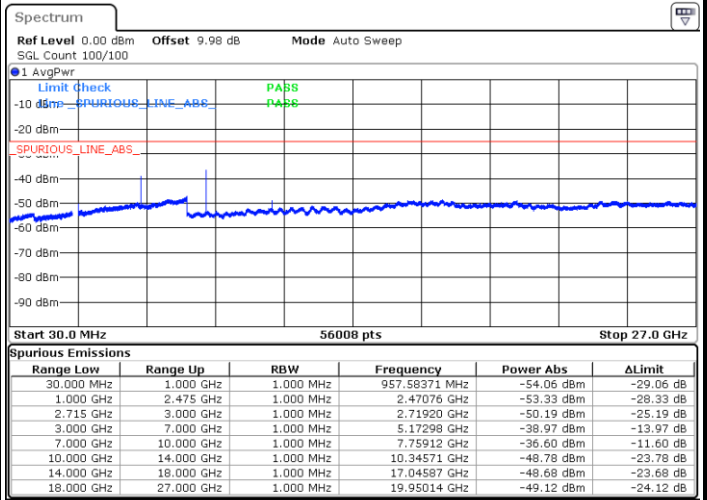
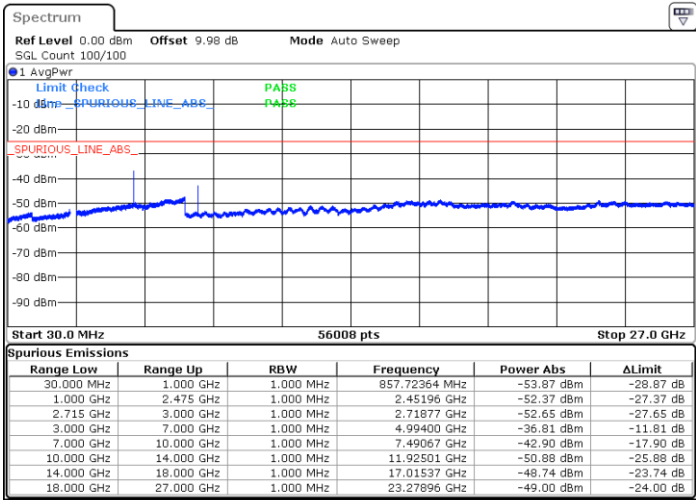
Date: 17.FEB.2023 16:22:23



LTE Band 41 / 15MHz

Lowest Channel / QPSK

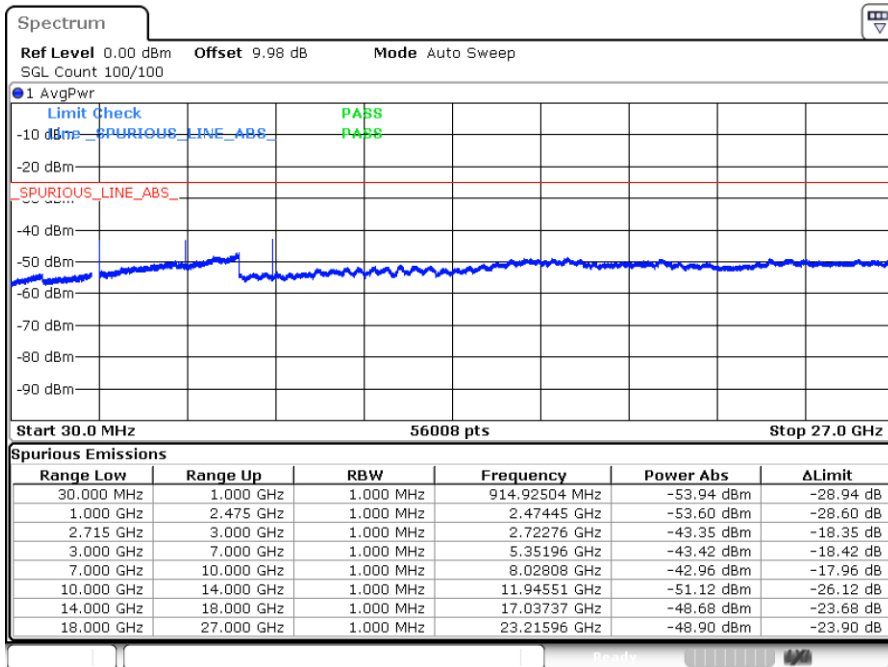
Middle Channel / QPSK



Date: 17.FEB.2023 17:04:13

Date: 17.FEB.2023 17:15:48

Highest Channel / QPSK



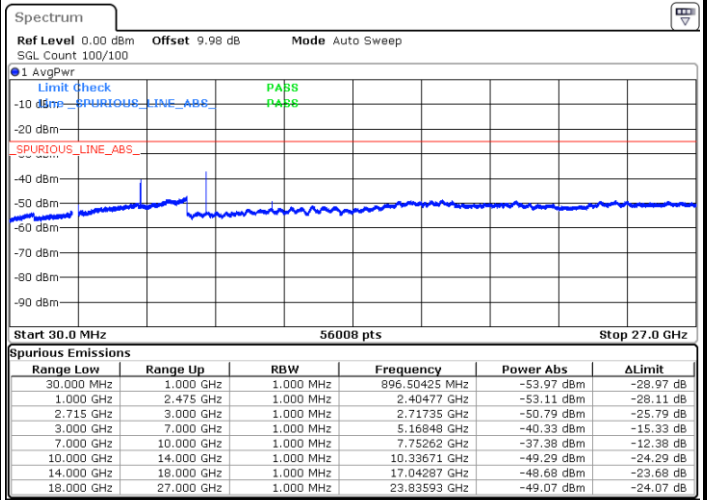
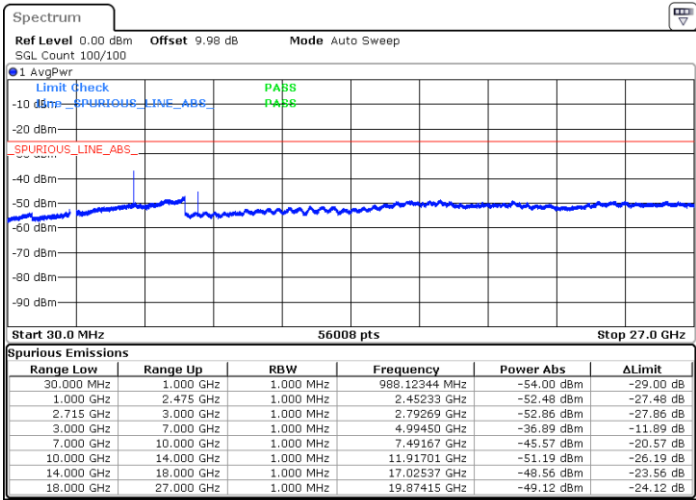
Date: 17.FEB.2023 17:17:09



LTE Band 41 / 20MHz

Lowest Channel / QPSK

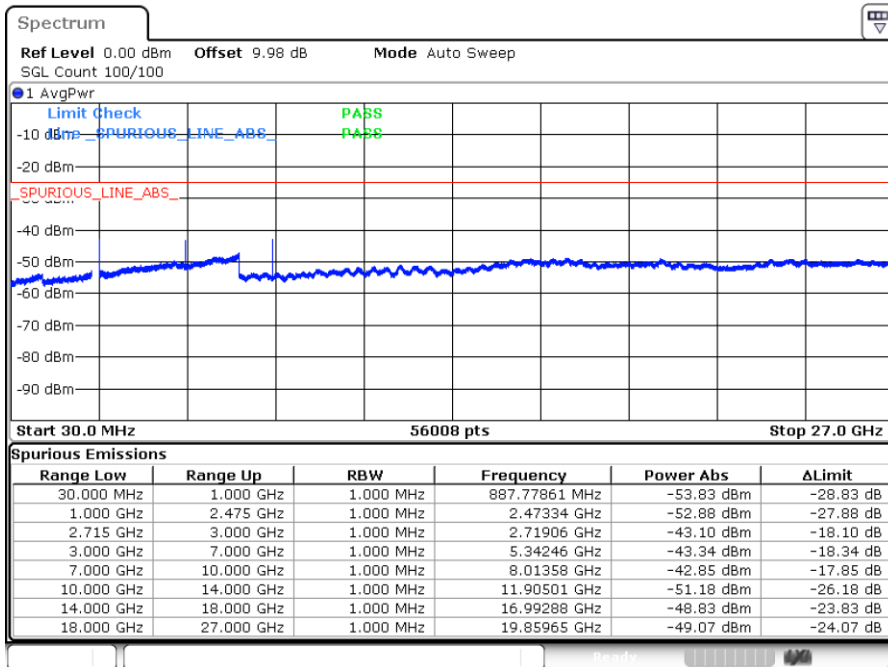
Middle Channel / QPSK



Date: 17.FEB.2023 17:27:29

Date: 17.FEB.2023 17:39:01

Highest Channel / QPSK



Date: 17.FEB.2023 17:40:22



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	0.0015	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0011	

Note:

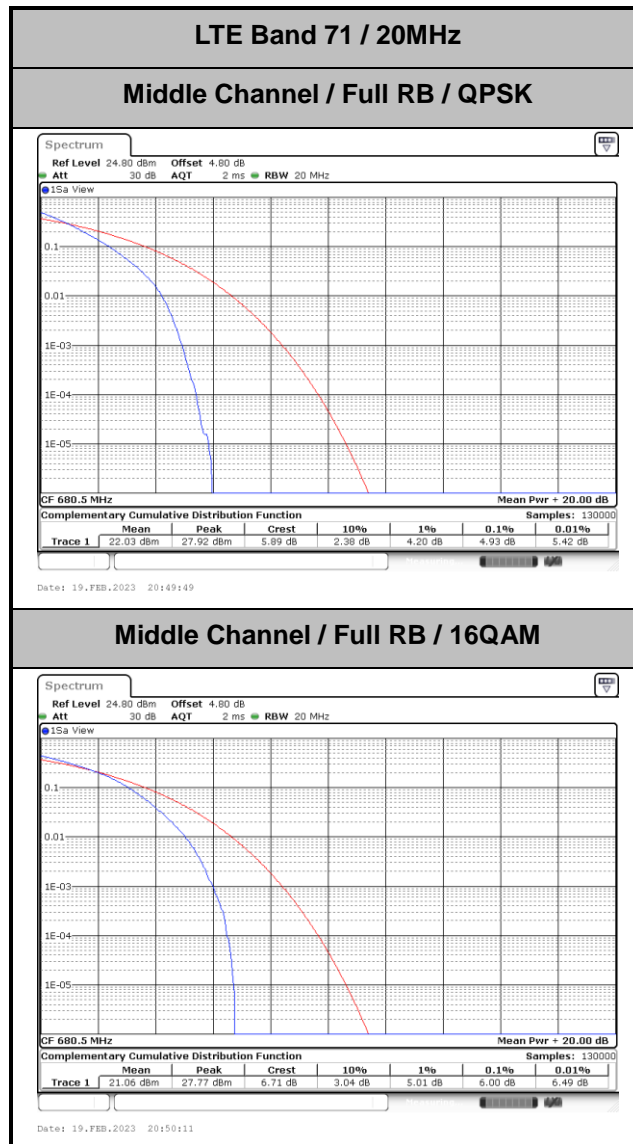
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.41V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

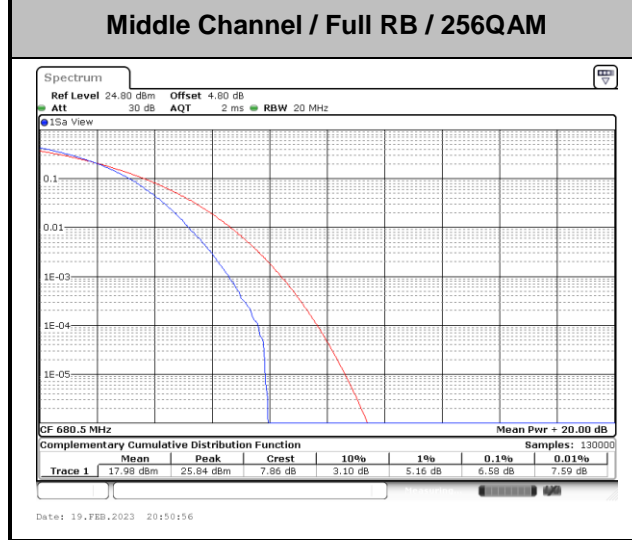
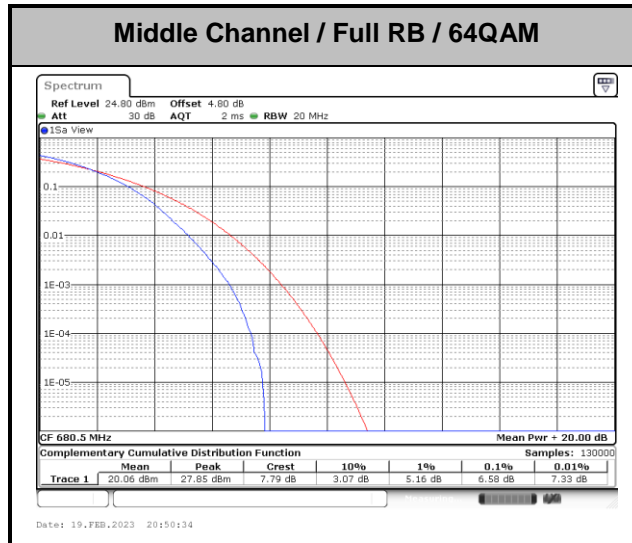


LTE Band 71

Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.93	6.00	6.58	6.58	PASS

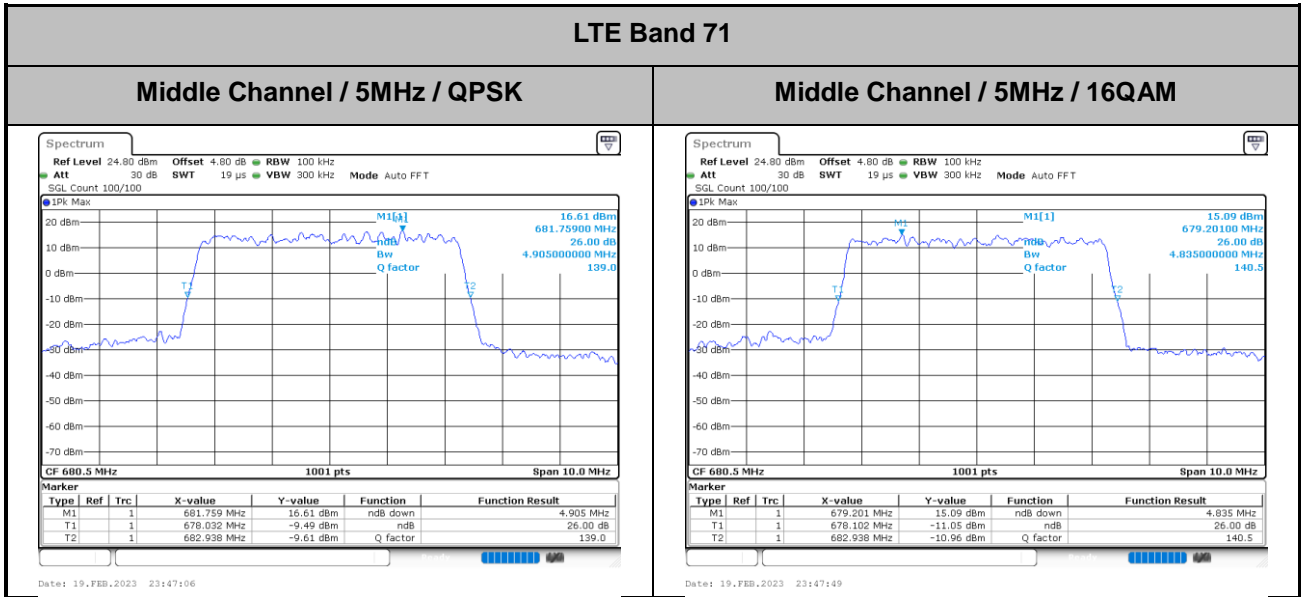






26dB Bandwidth

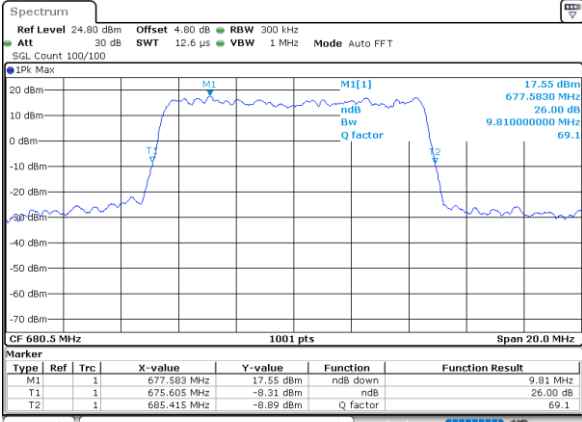
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.91	4.84
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.81	9.77
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.51	14.30
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.86	18.78





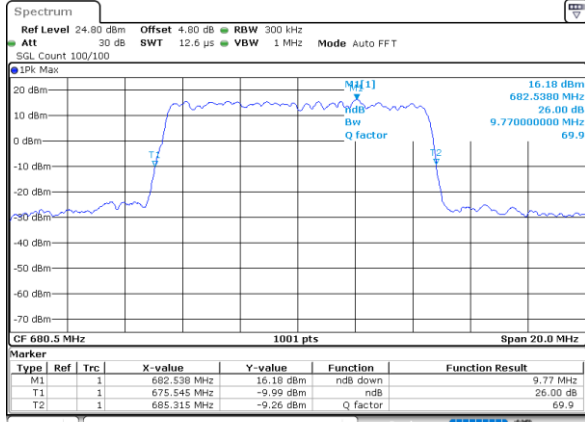
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 19_FEB.2023 23:43:39

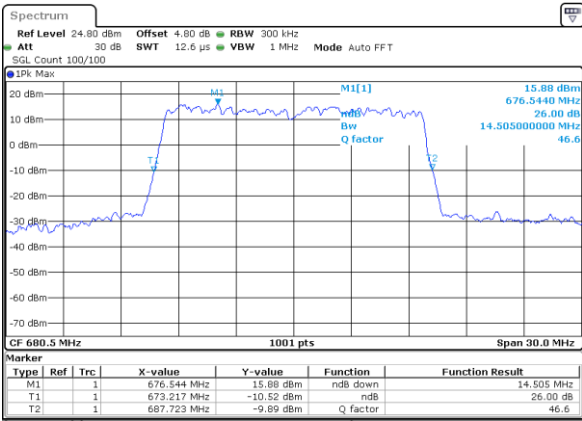
Middle Channel / 10MHz / 16QAM



Date: 19_FEB.2023 23:44:20

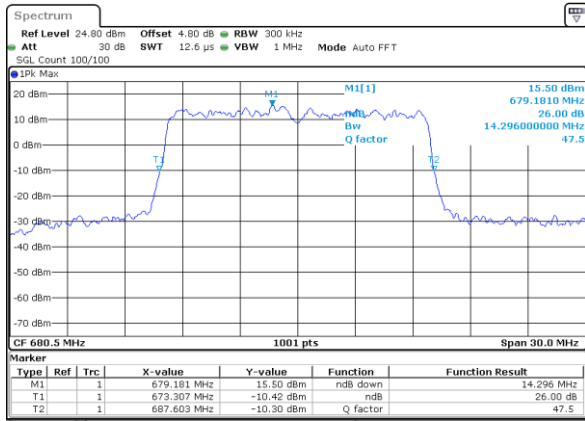
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 19_FEB.2023 23:41:34

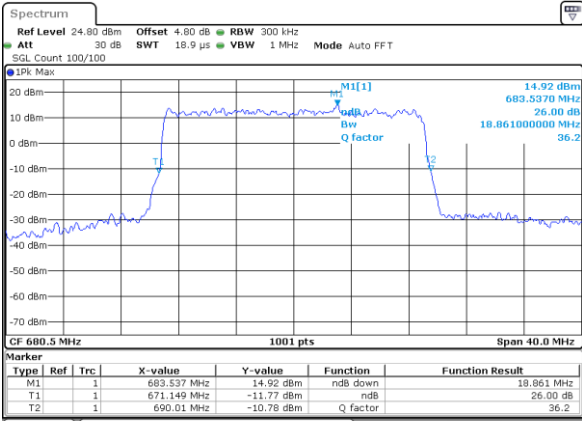
Middle Channel / 15MHz / 16QAM



Date: 19_FEB.2023 23:42:29

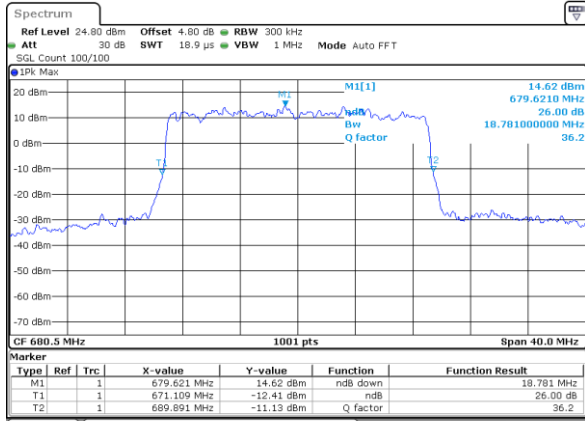
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 19_FEB.2023 20:37:44

Middle Channel / 20MHz / 16QAM

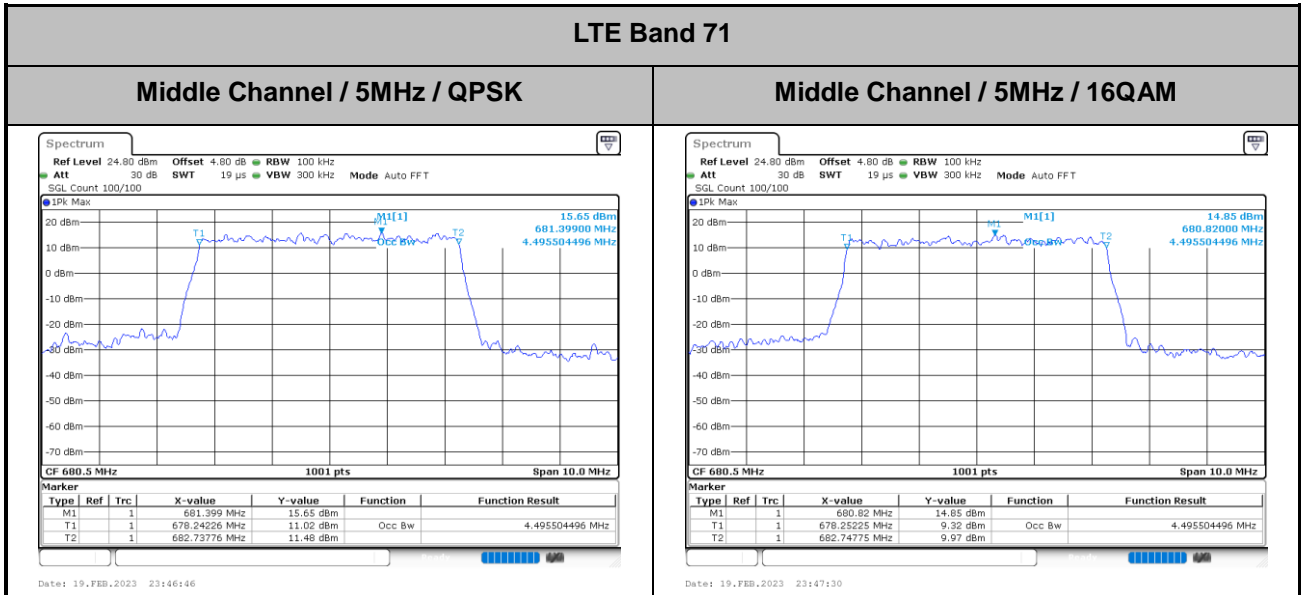


Date: 19_FEB.2023 20:38:05



Occupied Bandwidth

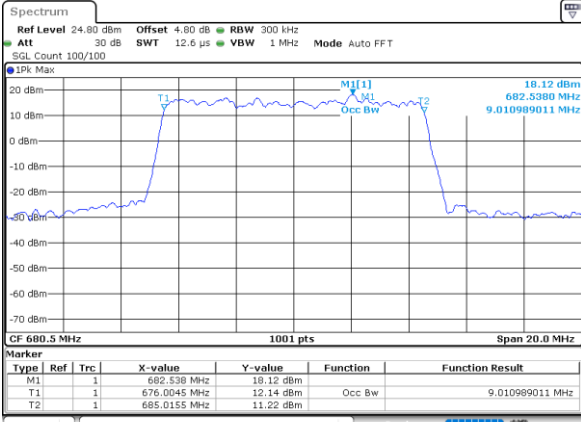
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.50
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.01
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.37	13.43
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.78





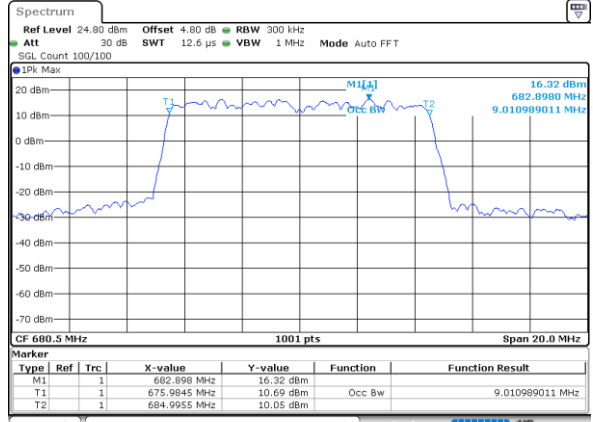
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 19.FEB.2023 23:43:20

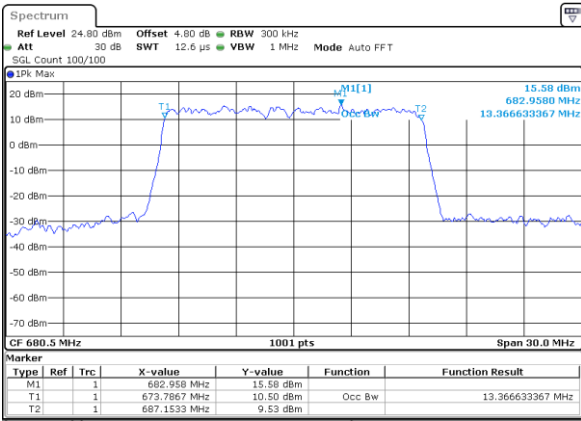
Middle Channel / 10MHz / 16QAM



Date: 19.FEB.2023 23:44:00

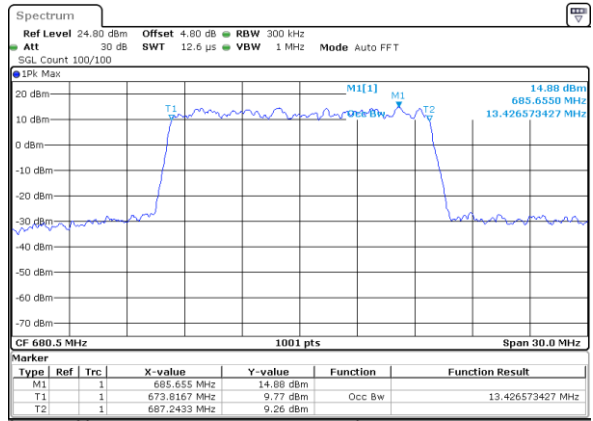
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 19.FEB.2023 23:41:11

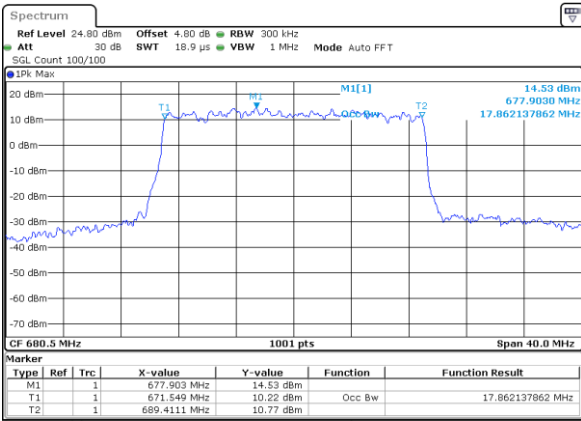
Middle Channel / 15MHz / 16QAM



Date: 19.FEB.2023 23:42:10

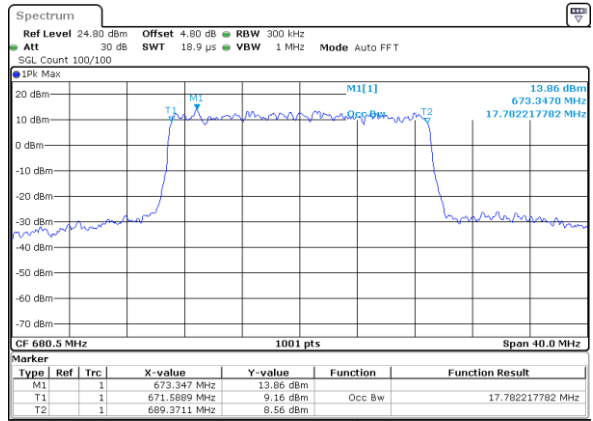
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 19.FEB.2023 20:37:23

Middle Channel / 20MHz / 16QAM



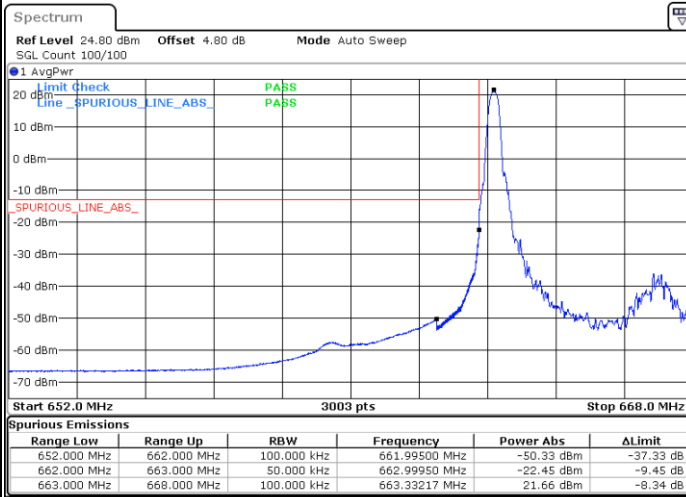
Date: 19.FEB.2023 20:38:26



Conducted Band Edge

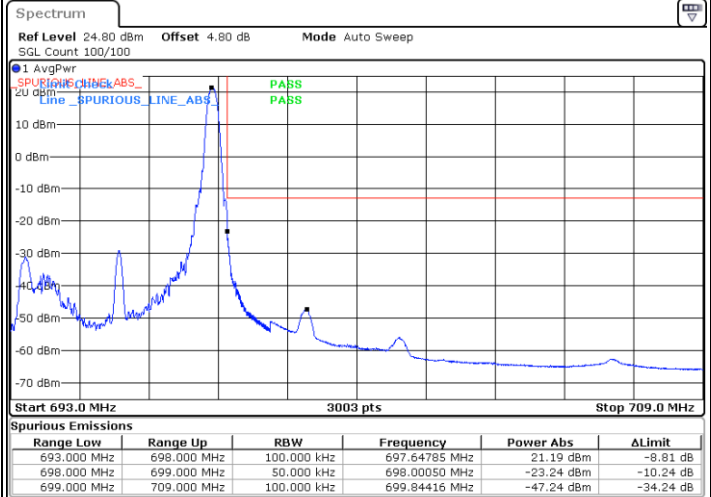
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



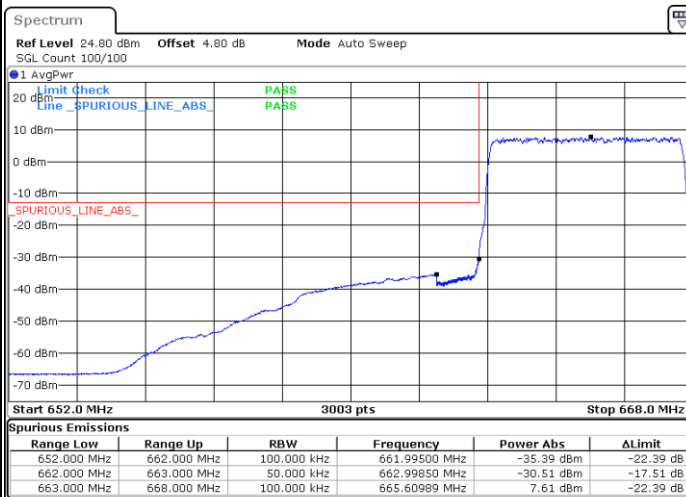
Date: 19.FEB.2023 19:13:24

Highest Band Edge / 1 RB



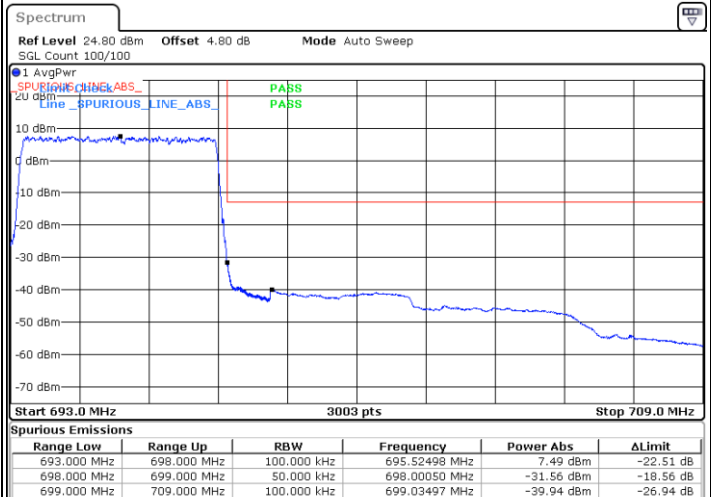
Date: 19.FEB.2023 19:28:02

Lowest Band Edge / Full RB



Date: 19.FEB.2023 19:18:08

Highest Band Edge / Full RB

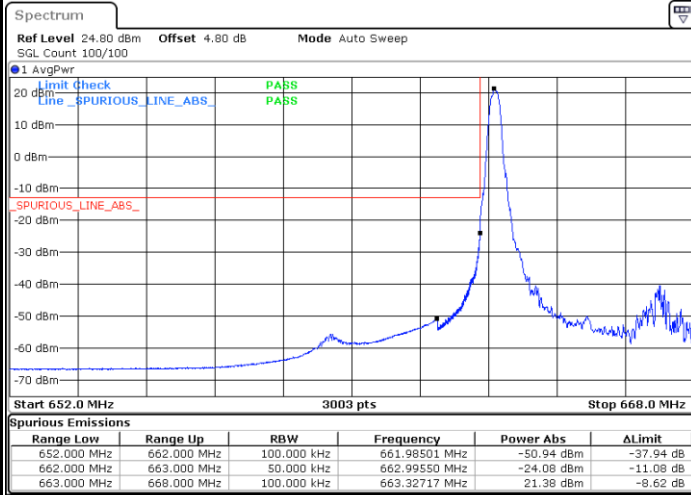


Date: 19.FEB.2023 19:32:46



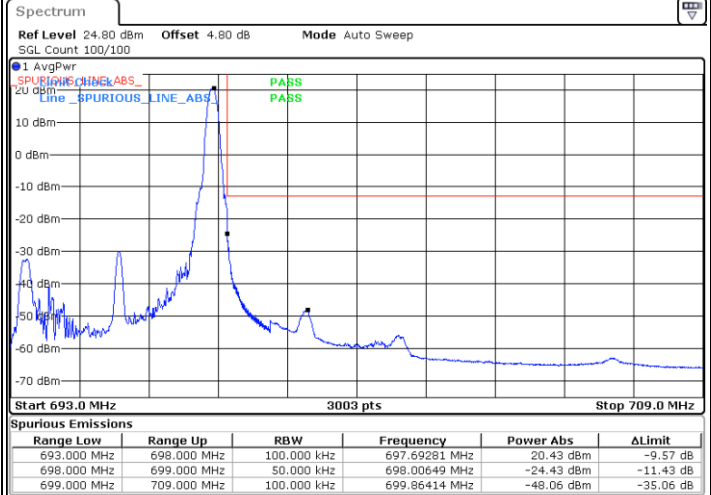
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



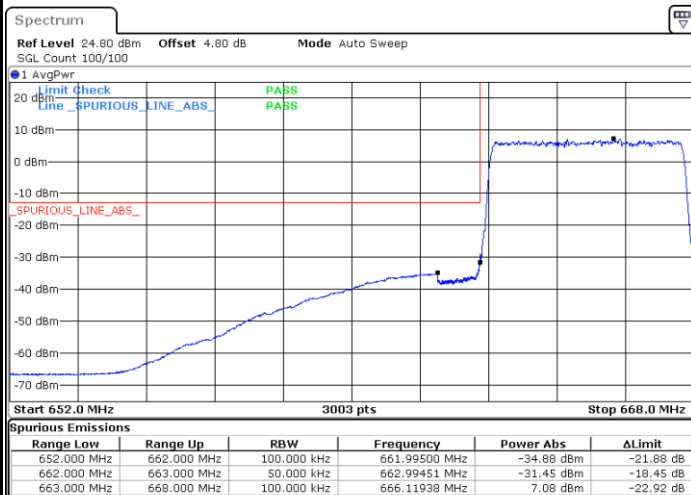
Date: 19.FEB.2023 19:14:34

Highest Band Edge / 1 RB



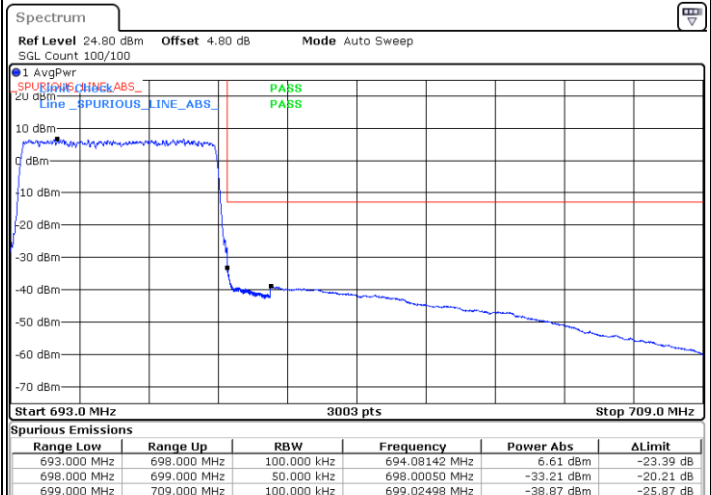
Date: 19.FEB.2023 19:29:13

Lowest Band Edge / Full RB



Date: 19.FEB.2023 19:19:18

Highest Band Edge / Full RB

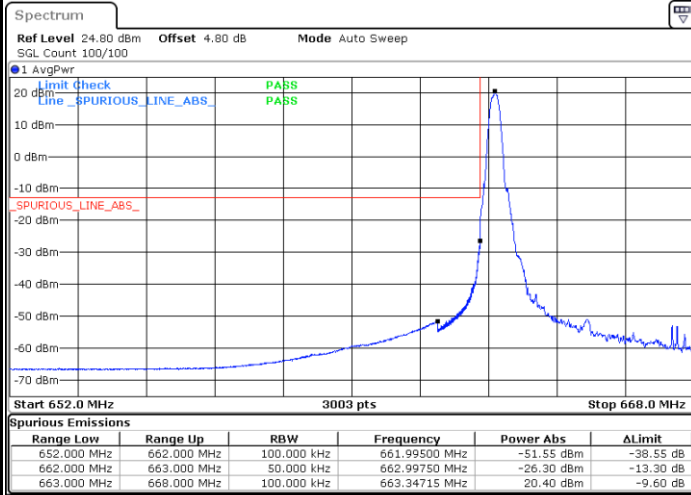


Date: 19.FEB.2023 19:33:56

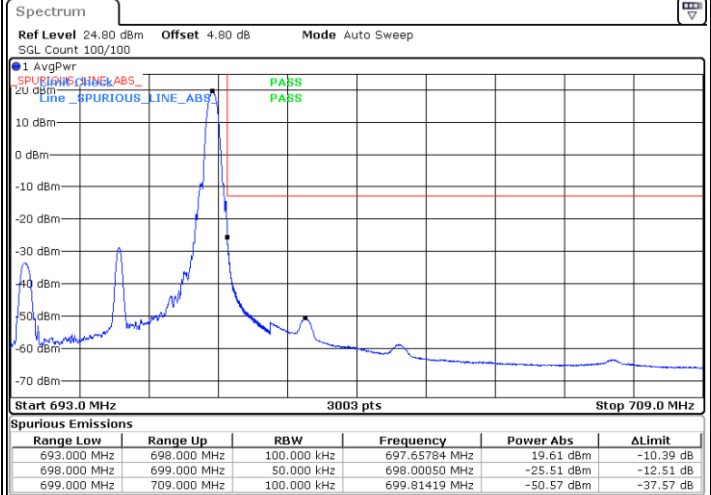


LTE Band 71 / 5MHz / 64QAM

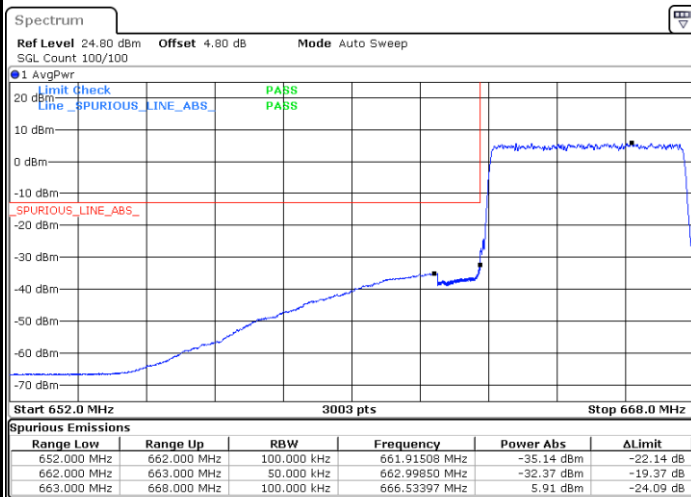
Lowest Band Edge / 1RB



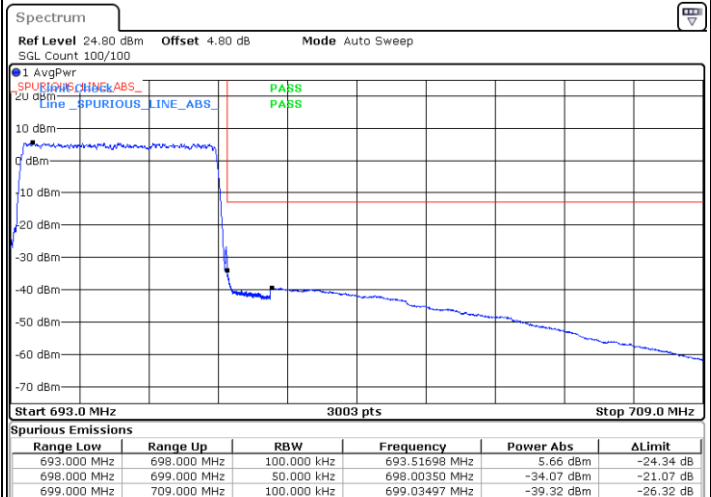
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

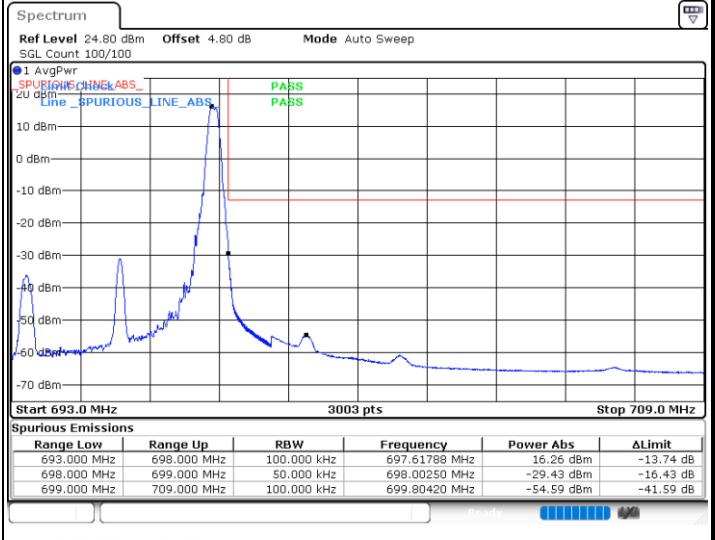
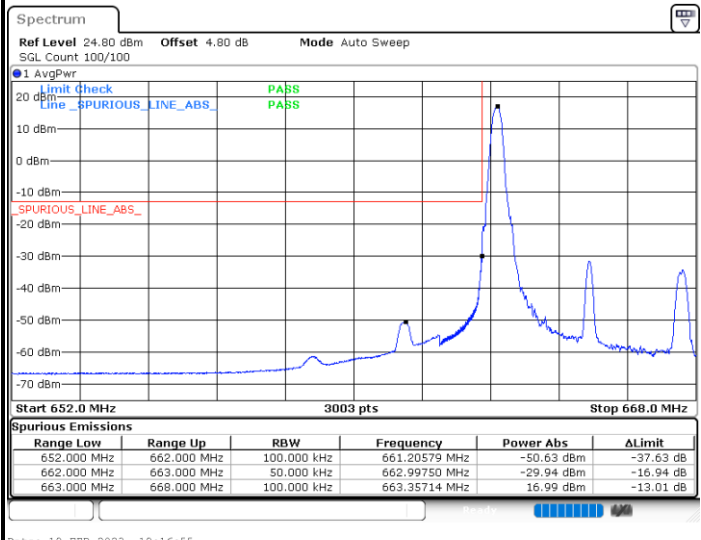




LTE Band 71 / 5MHz / 256QAM

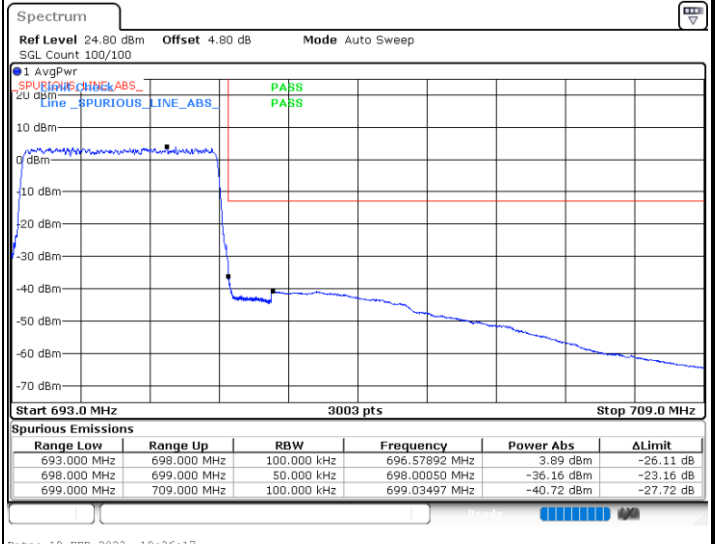
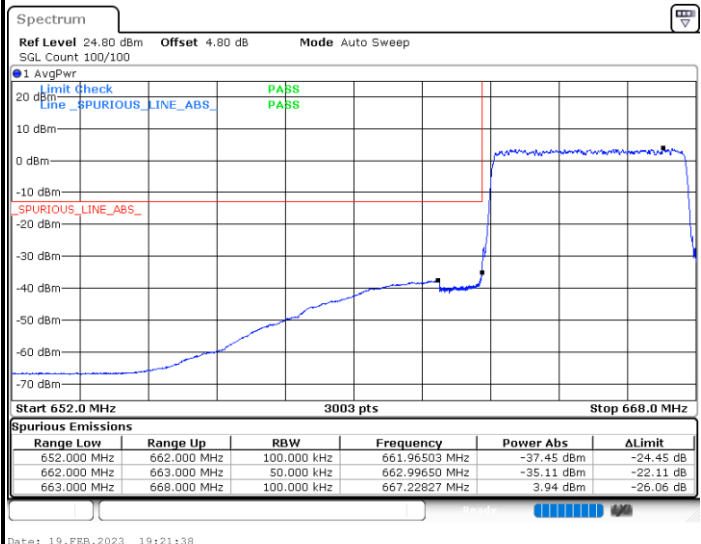
Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

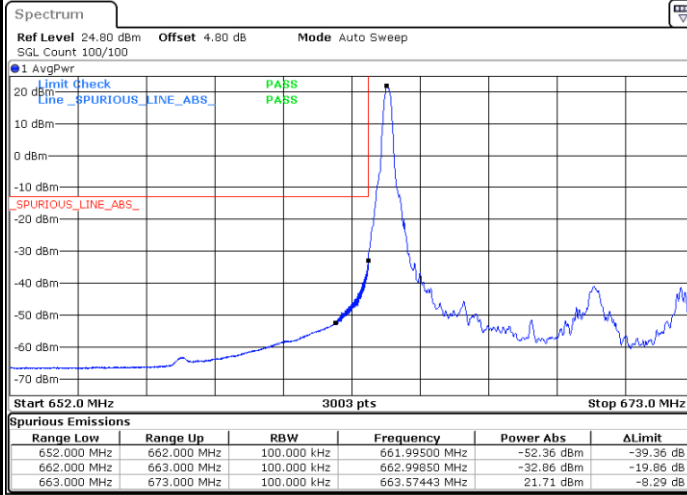
Highest Band Edge / Full RB





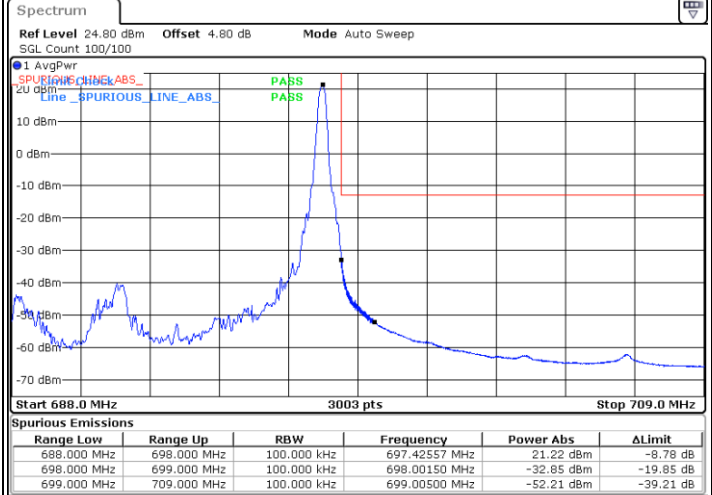
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



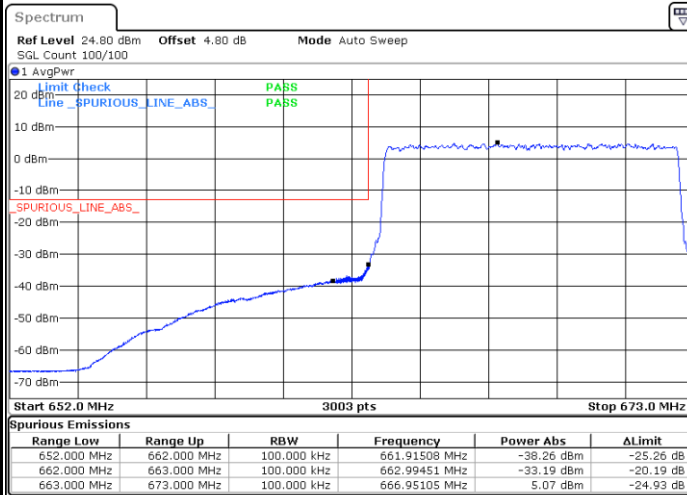
Date: 19.FEB.2023 19:42:13

Highest Band Edge / 1 RB



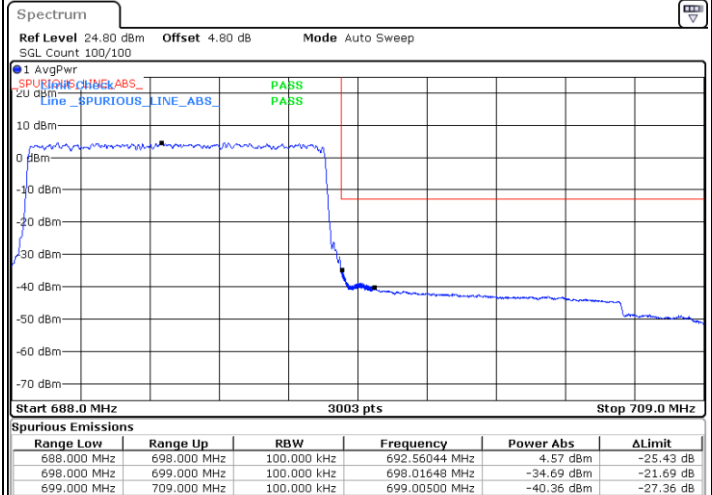
Date: 19.FEB.2023 19:52:15

Lowest Band Edge / Full RB



Date: 19.FEB.2023 19:37:30

Highest Band Edge / Full RB

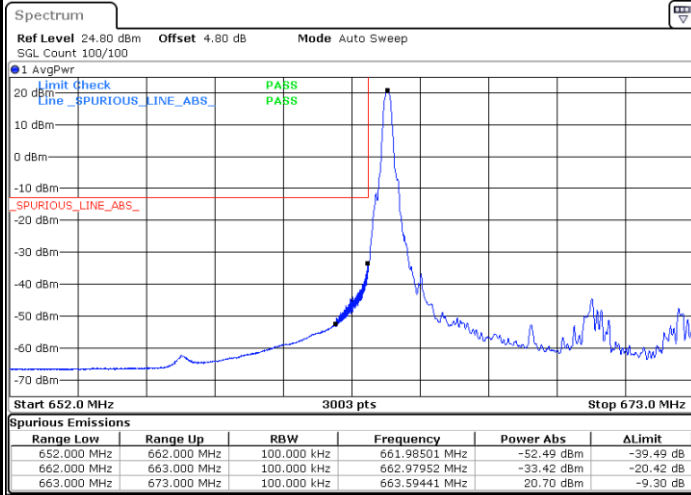


Date: 19.FEB.2023 19:56:59



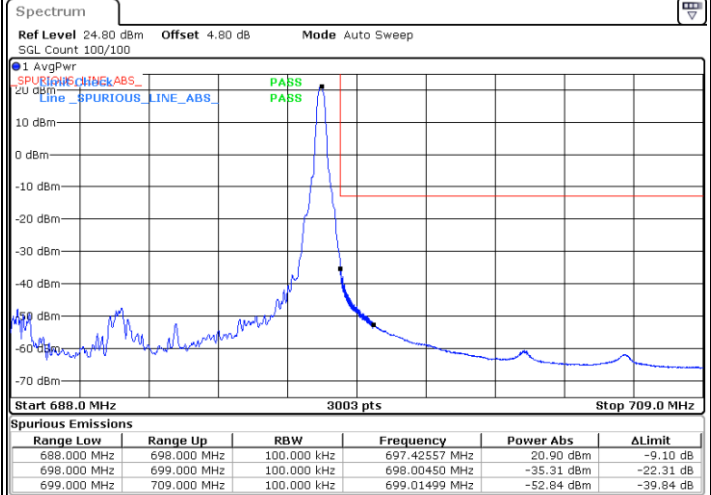
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



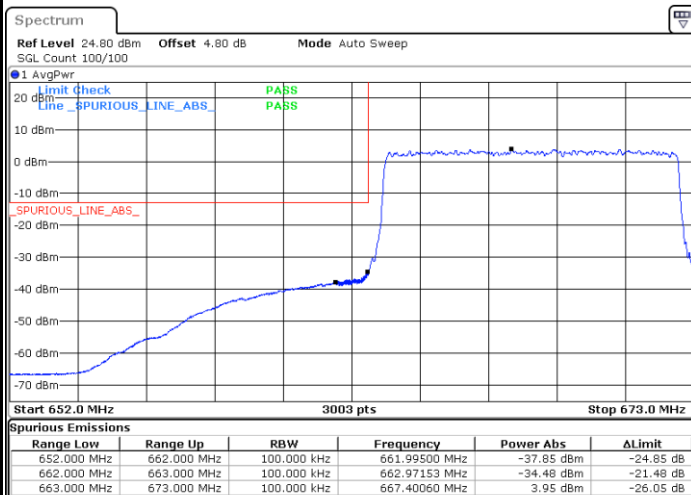
Date: 19.FEB.2023 19:43:23

Highest Band Edge / 1 RB



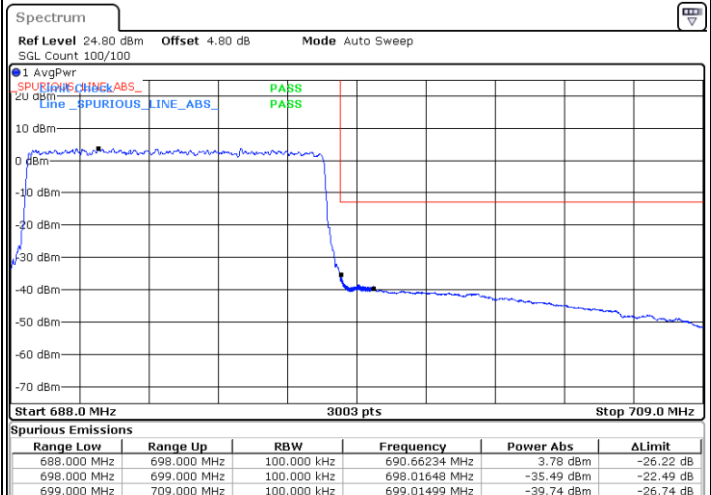
Date: 19.FEB.2023 19:53:26

Lowest Band Edge / Full RB



Date: 19.FEB.2023 19:38:40

Highest Band Edge / Full RB



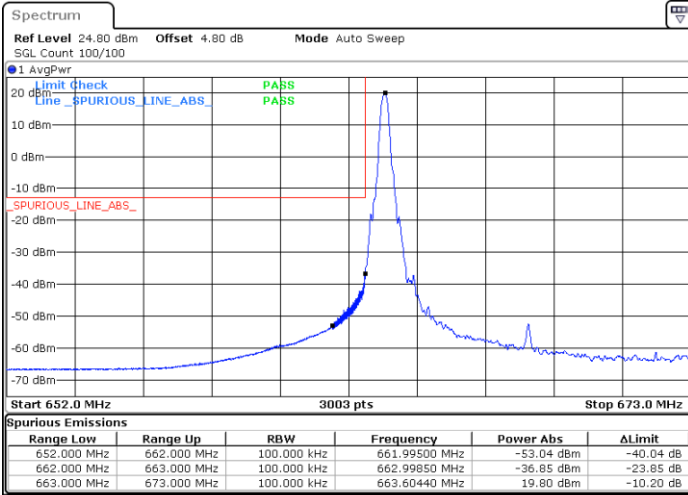
Date: 19.FEB.2023 19:58:09



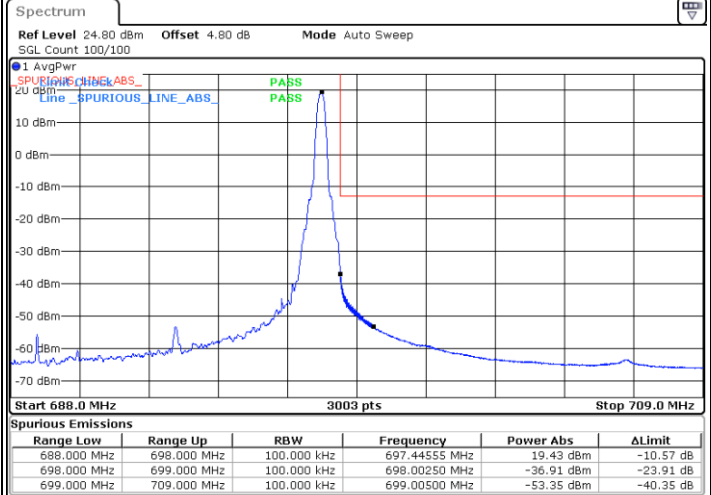
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



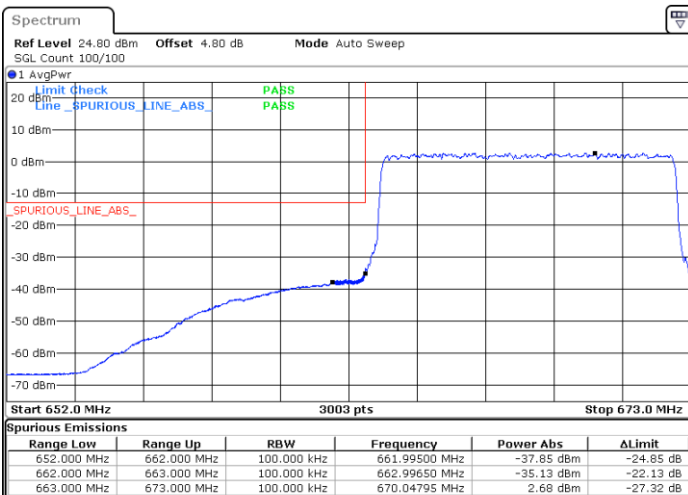
Date: 19.FEB.2023 19:44:33



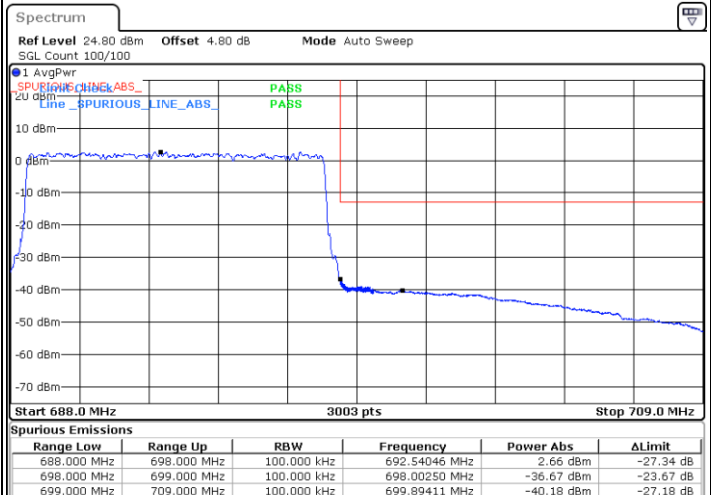
Date: 19.FEB.2023 19:54:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.FEB.2023 19:39:50



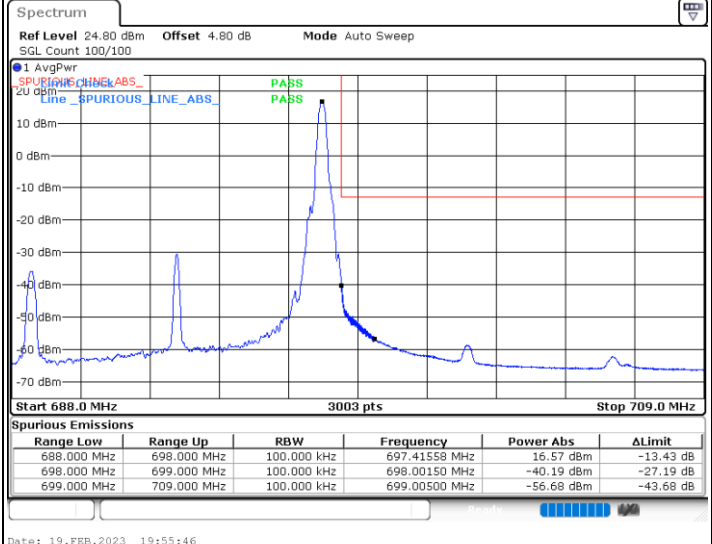
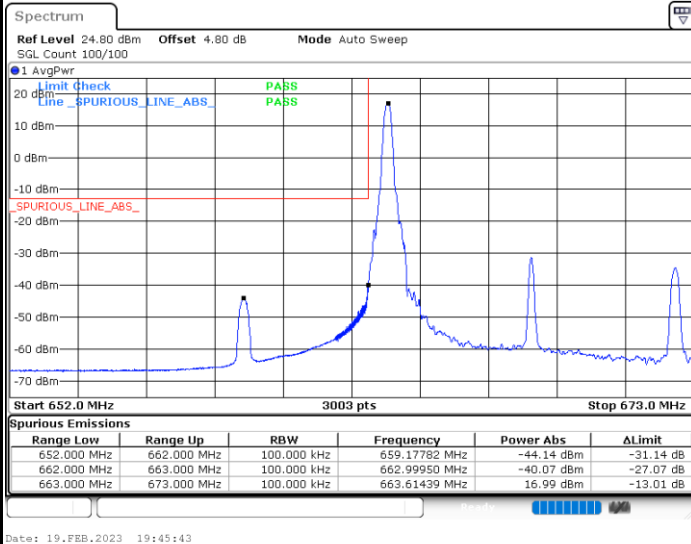
Date: 19.FEB.2023 19:59:19



LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

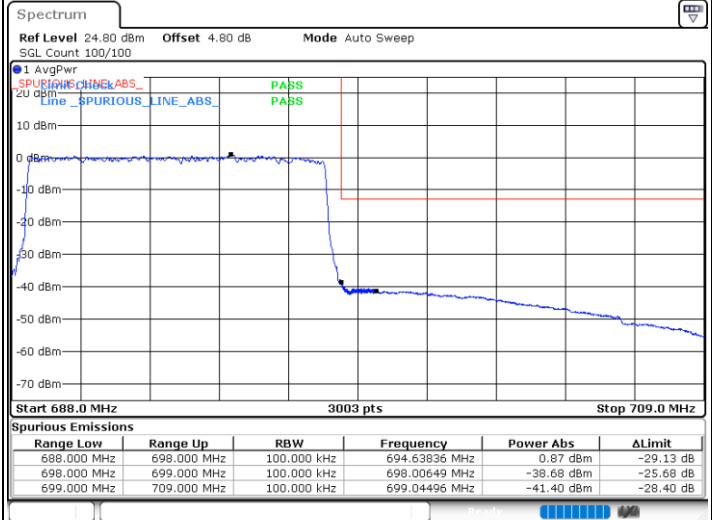
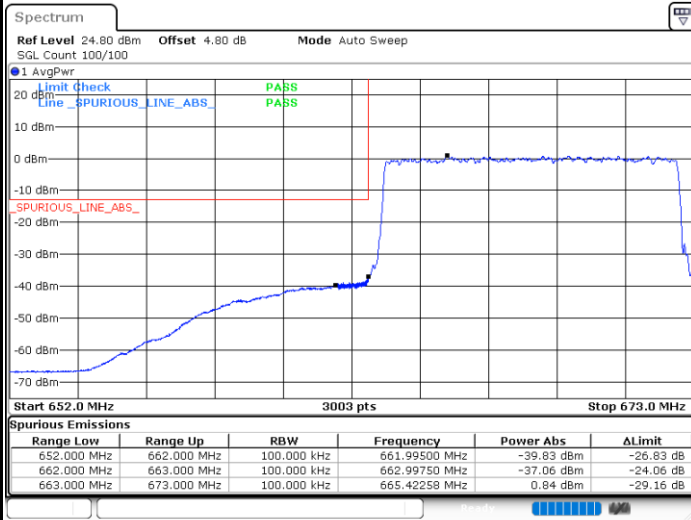


Date: 19.FEB.2023 19:45:43

Date: 19.FEB.2023 19:55:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.FEB.2023 19:41:00

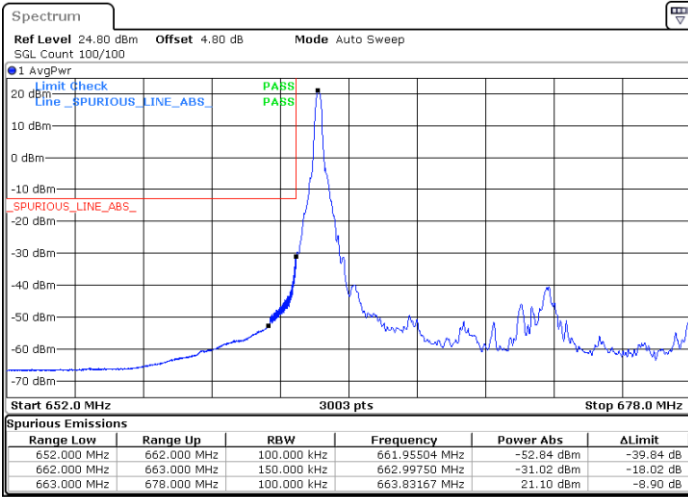
Date: 19.FEB.2023 20:00:30



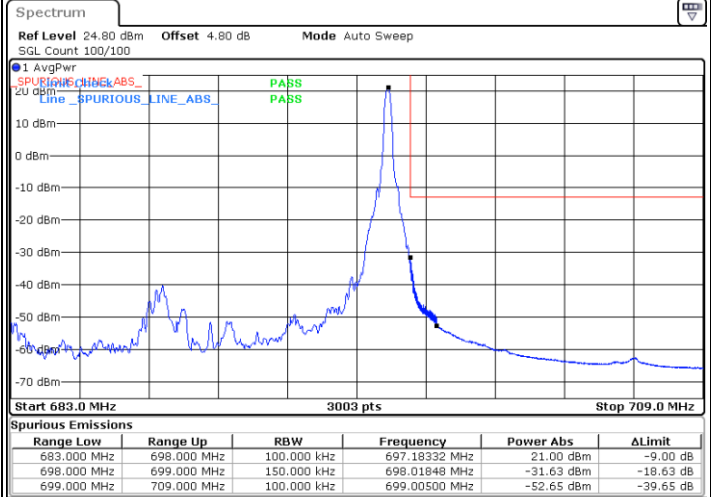
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



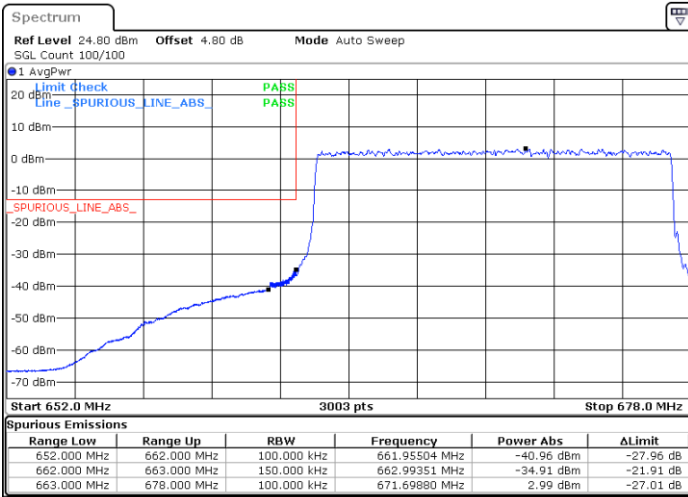
Date: 19.FEB.2023 20:06:27



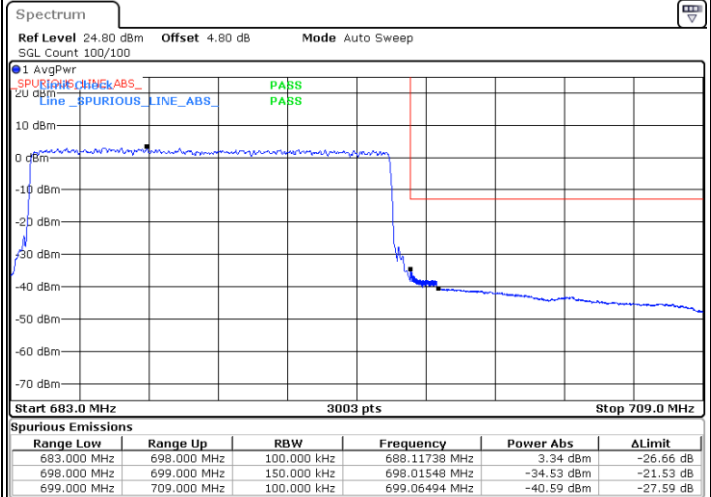
Date: 19.FEB.2023 20:16:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.FEB.2023 20:01:43



Date: 19.FEB.2023 20:21:14