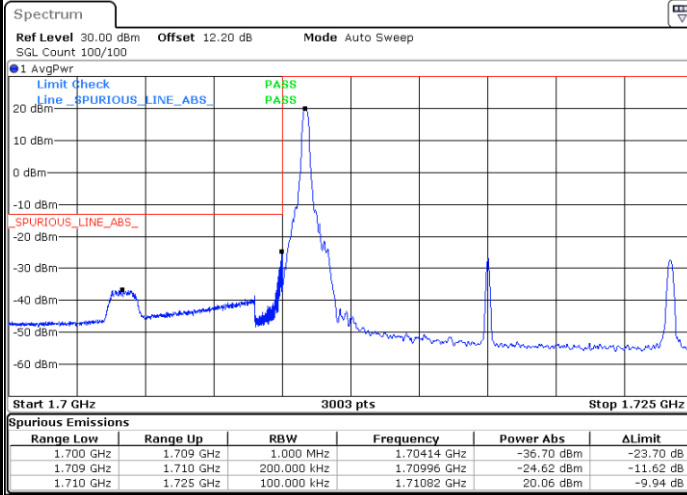


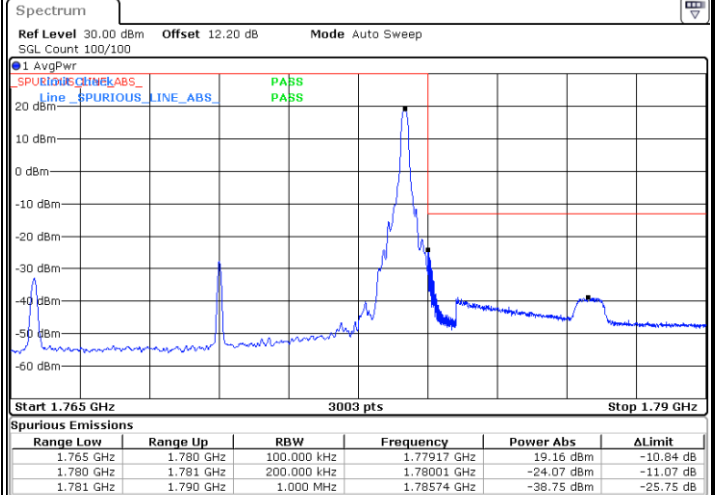


LTE Band 66 / 15MHz / 64QAM

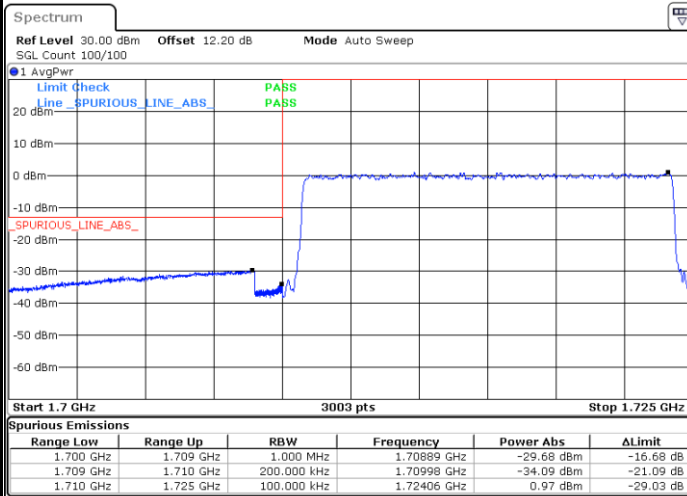
Lowest Band Edge / 1 RB



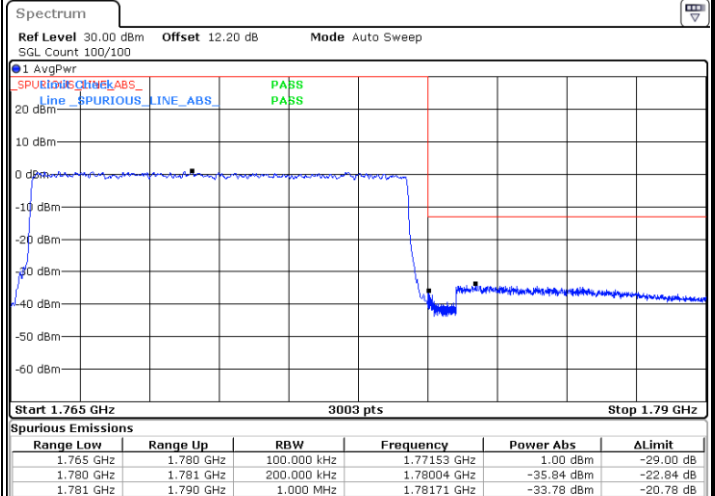
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



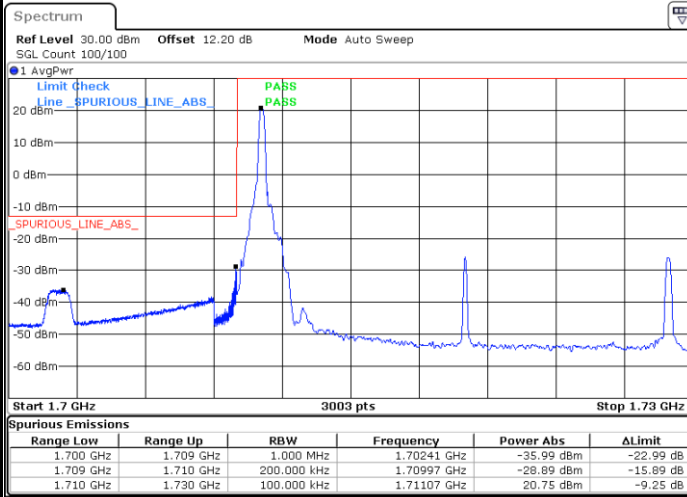
Highest Band Edge / Full RB





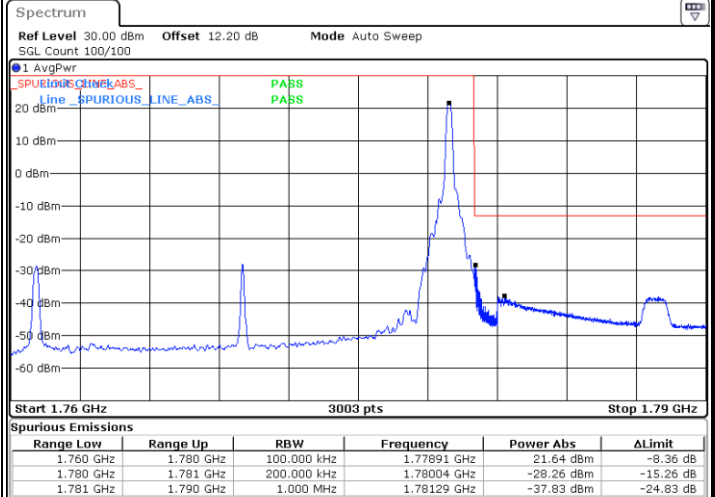
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



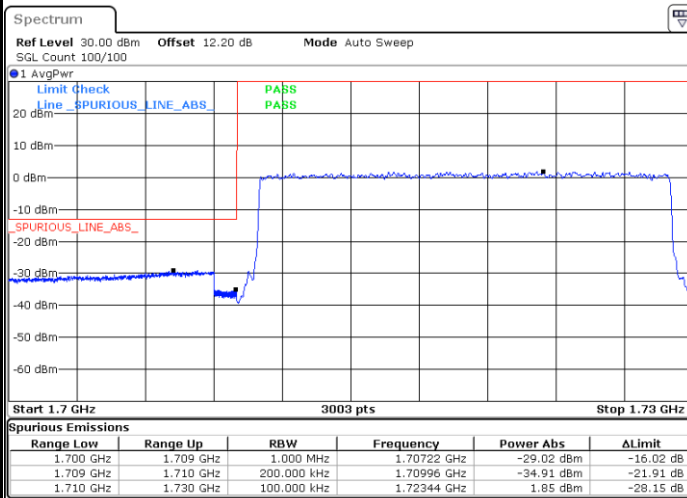
Date: 2.MAR.2022 22:08:25

Highest Band Edge / 1 RB



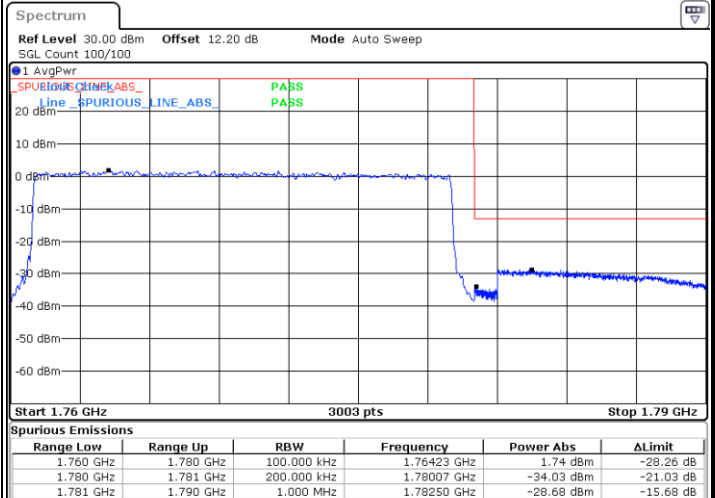
Date: 2.MAR.2022 22:15:23

Lowest Band Edge / Full RB



Date: 2.MAR.2022 22:10:12

Highest Band Edge / Full RB

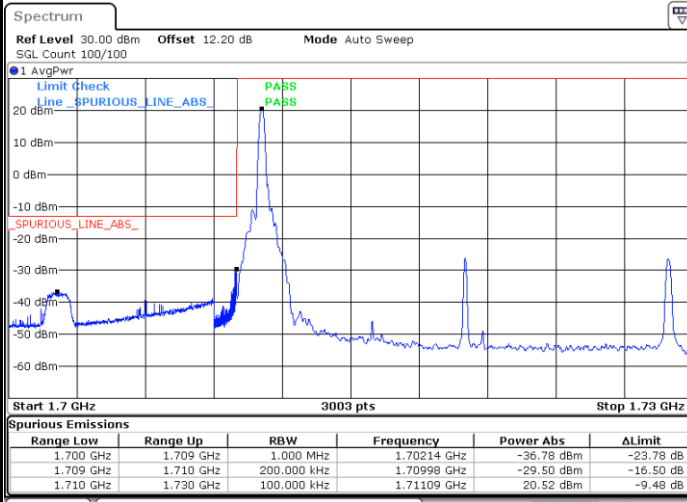


Date: 2.MAR.2022 22:17:10



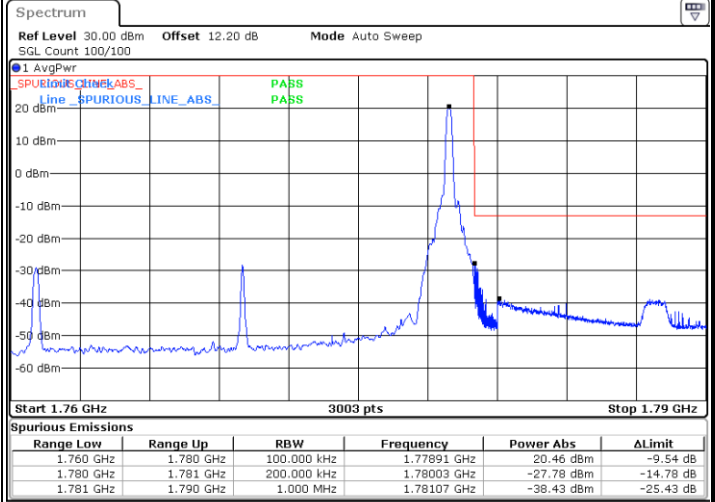
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



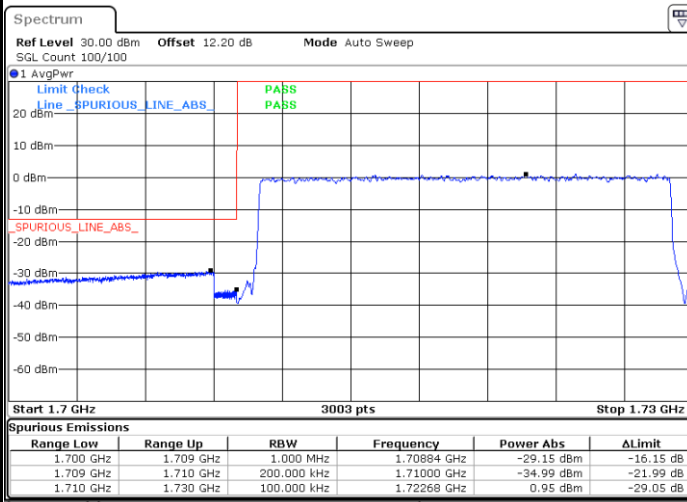
Date: 2.MAR.2022 22:09:18

Highest Band Edge / 1 RB



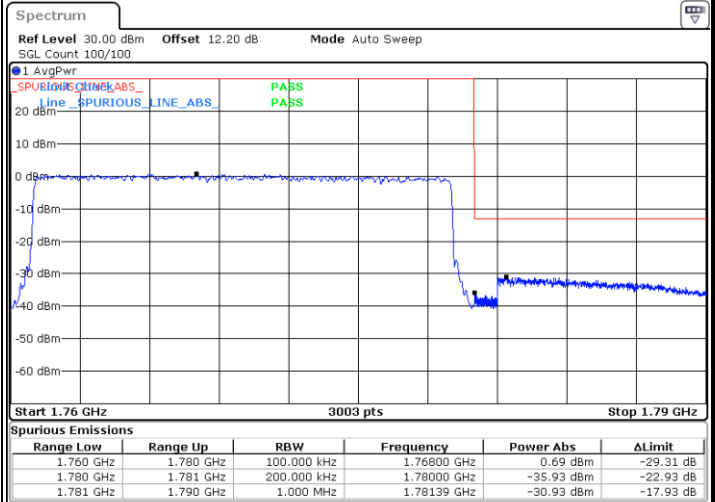
Date: 2.MAR.2022 22:16:16

Lowest Band Edge / Full RB



Date: 2.MAR.2022 22:11:06

Highest Band Edge / Full RB

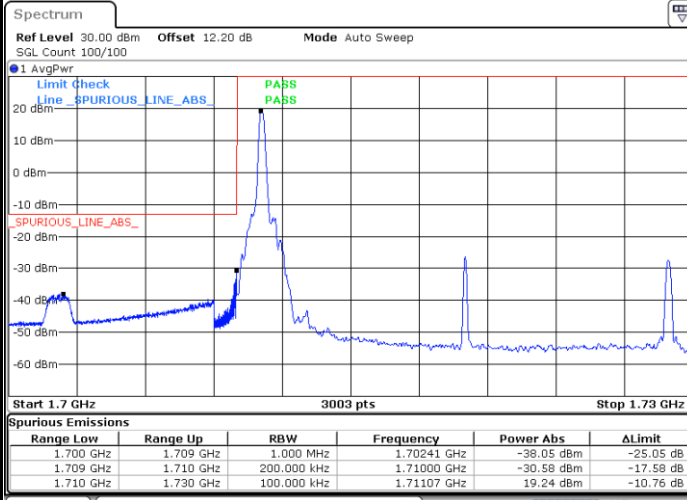


Date: 2.MAR.2022 22:18:03

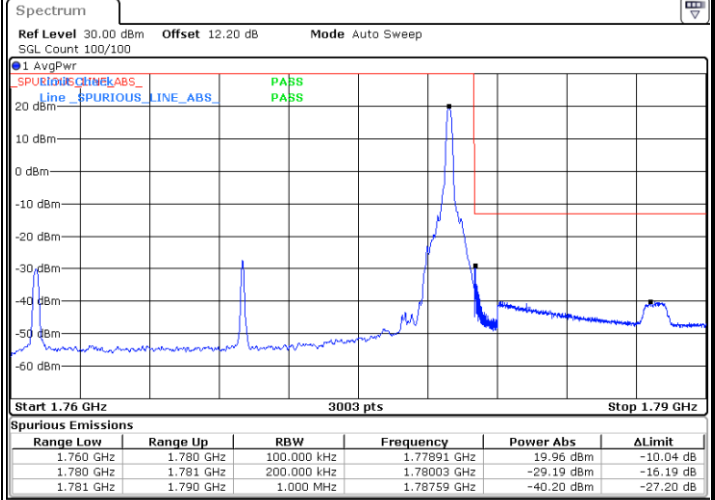


LTE Band 66 / 20MHz / 64QAM

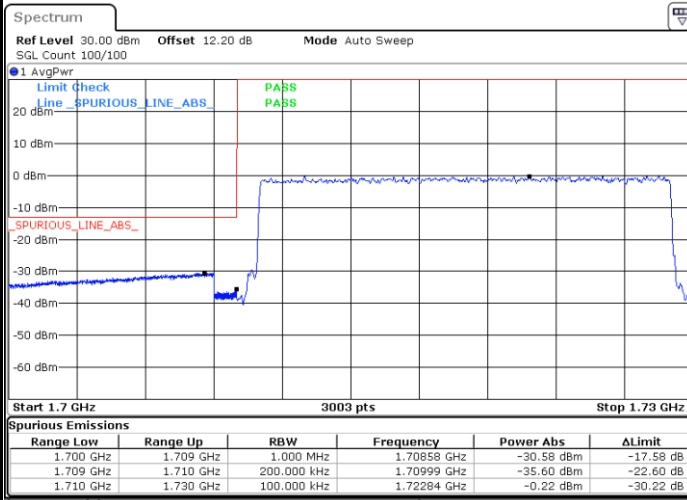
Lowest Band Edge / 1 RB



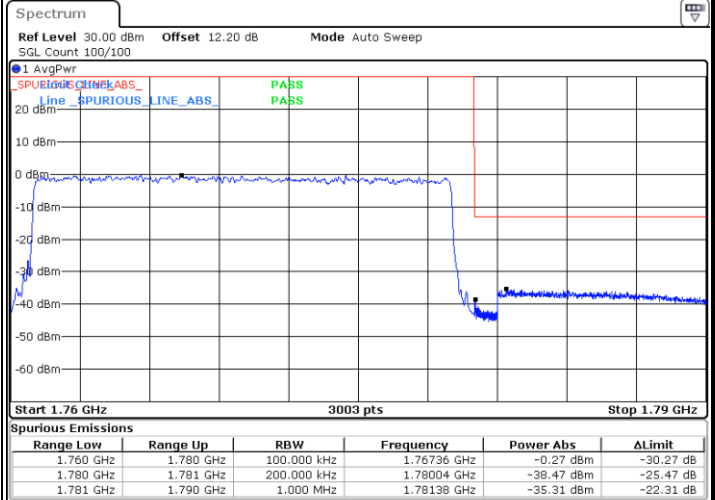
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



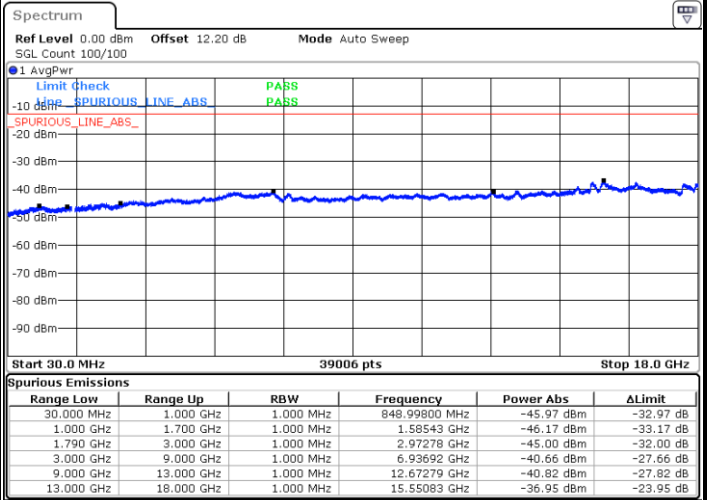
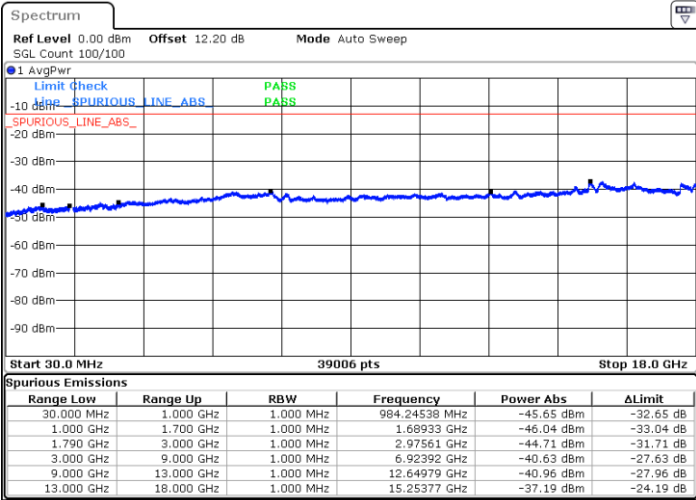


# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK

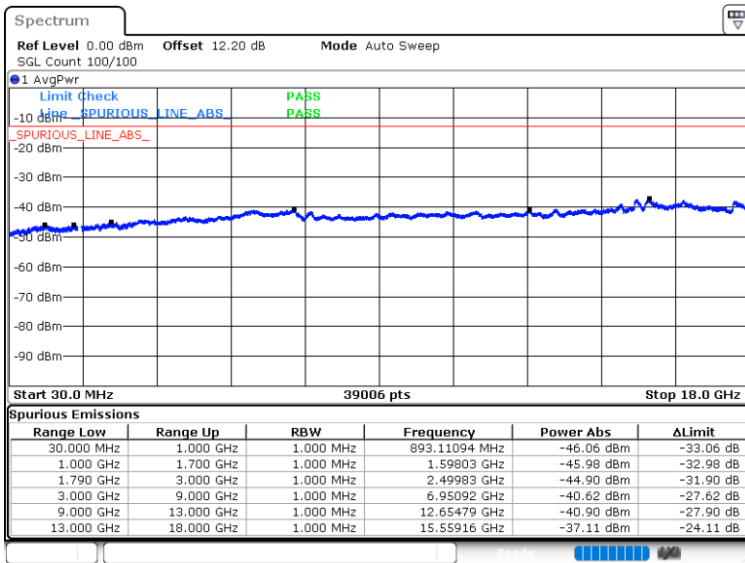
### Middle Channel / QPSK



Date: 2.MAR.2022 20:52:09

Date: 2.MAR.2022 20:54:38

### Highest Channel / QPSK



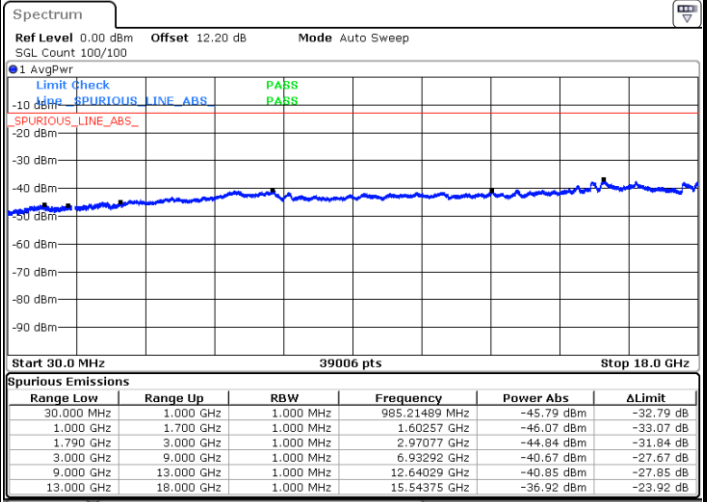
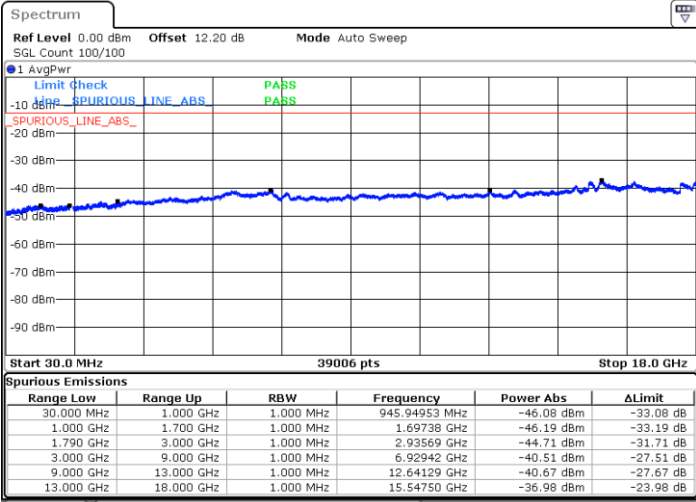
Date: 2.MAR.2022 20:59:05



LTE Band 66 / 3MHz

Lowest Channel / QPSK

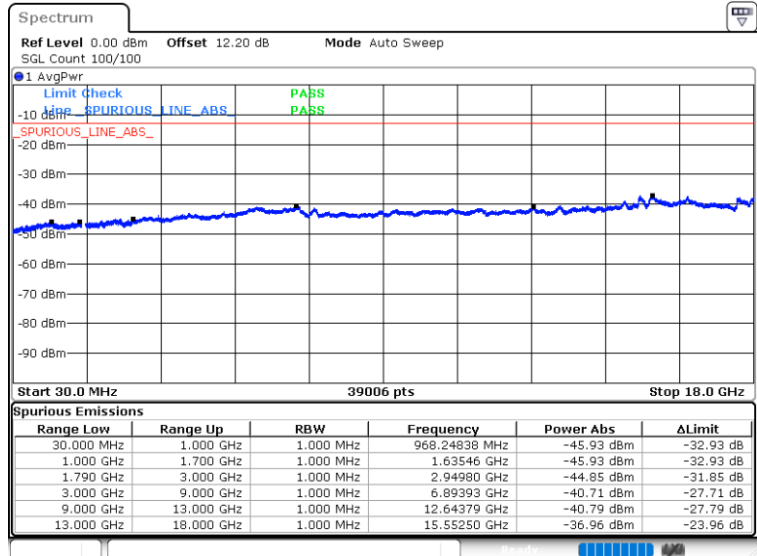
Middle Channel / QPSK



Date: 2.MAR.2022 21:07:56

Date: 2.MAR.2022 21:10:26

Highest Channel / QPSK



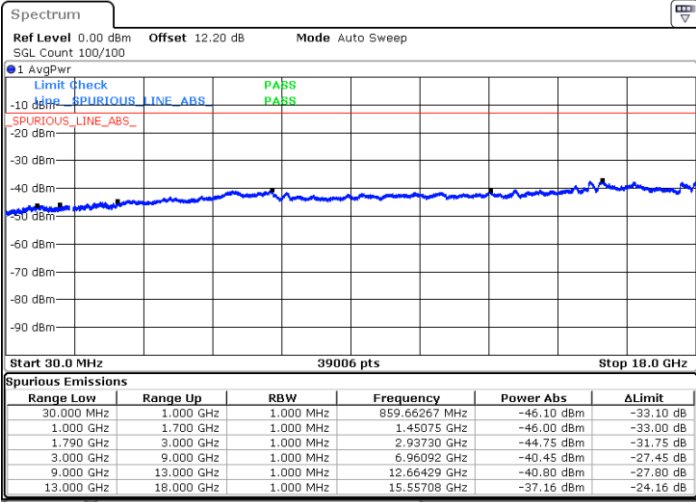
Date: 2.MAR.2022 21:14:54



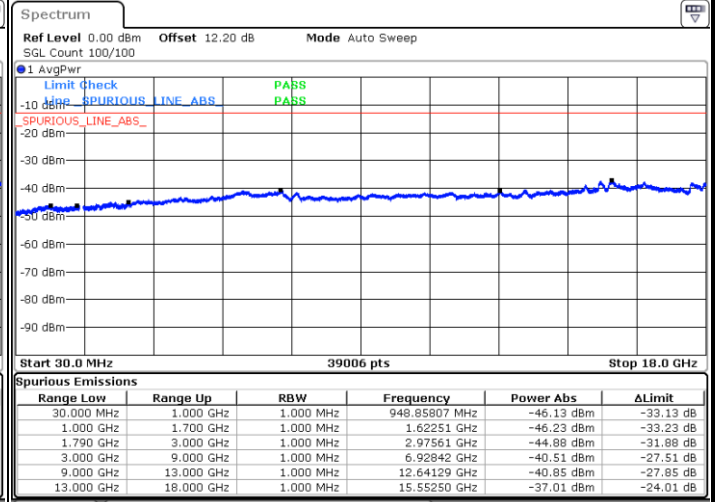
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

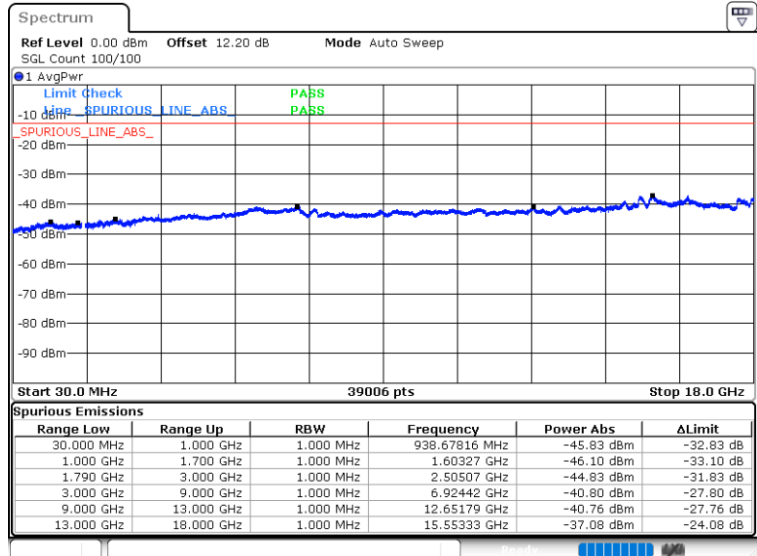


Date: 2.MAR.2022 21:28:11



Date: 2.MAR.2022 21:30:40

Highest Channel / QPSK



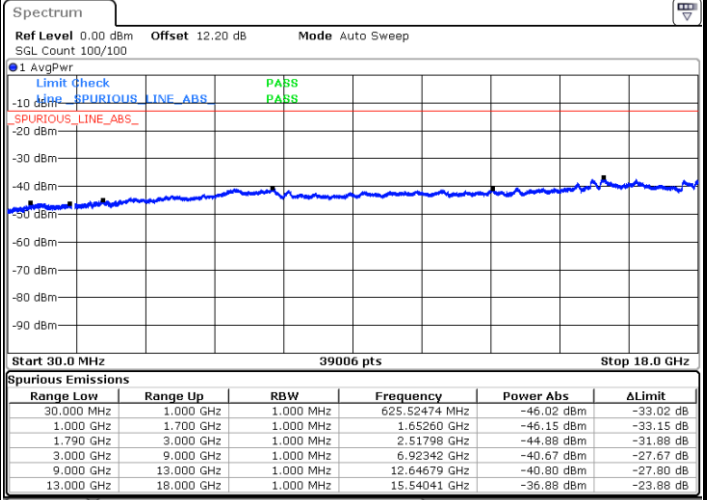
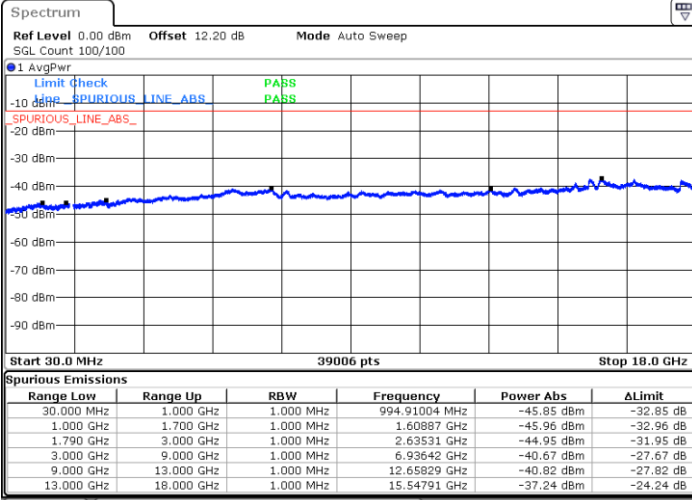
Date: 2.MAR.2022 21:35:07



LTE Band 66 / 10MHz

Lowest Channel / QPSK

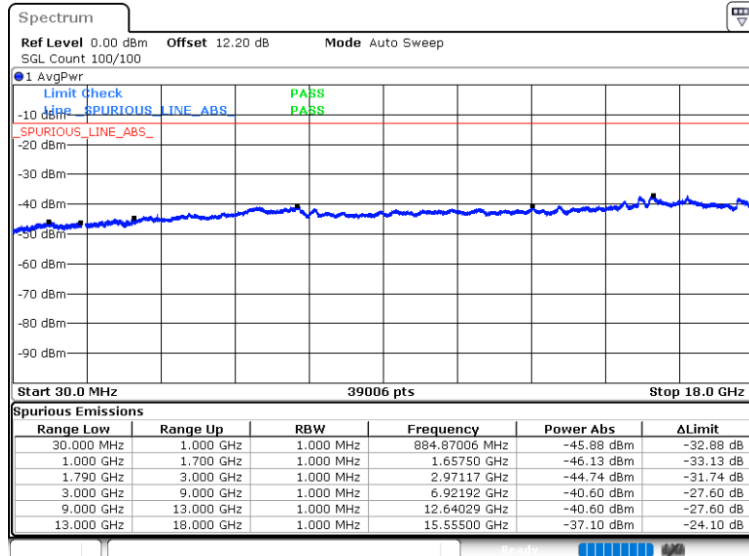
Middle Channel / QPSK



Date: 2.MAR.2022 21:40:00

Date: 2.MAR.2022 21:42:30

Highest Channel / QPSK



Date: 2.MAR.2022 21:46:57

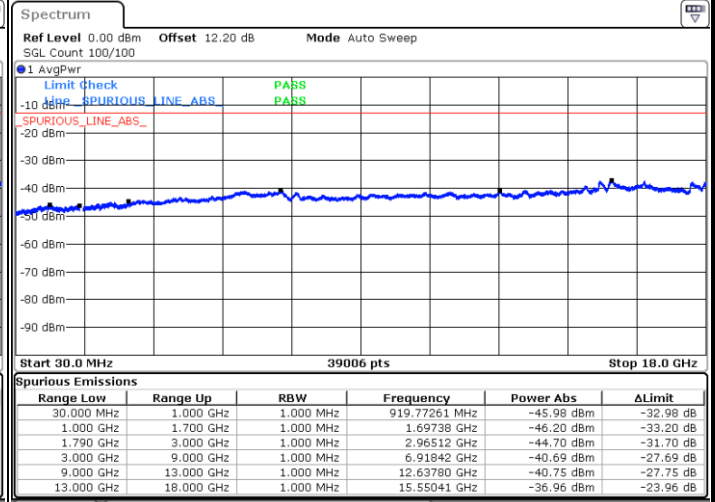
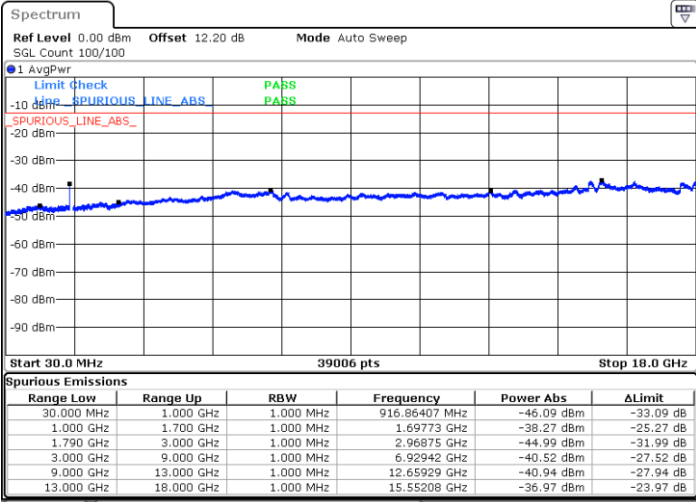




LTE Band 66 / 15MHz

Lowest Channel / QPSK

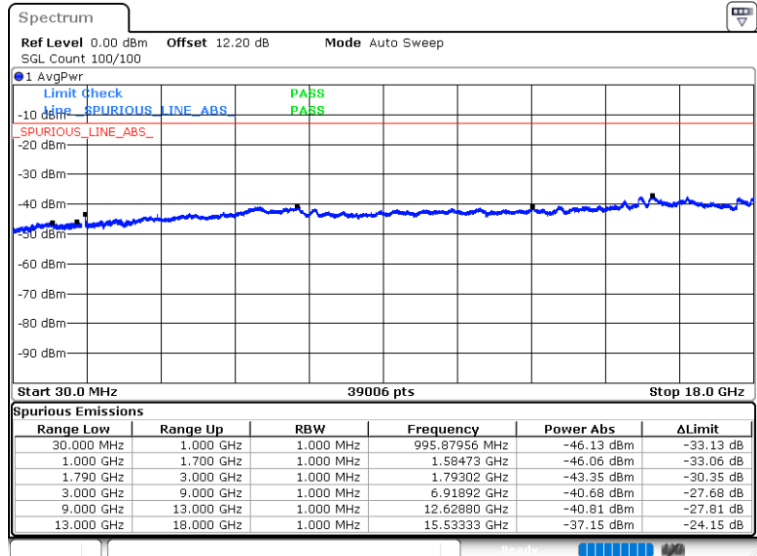
Middle Channel / QPSK



Date: 2.MAR.2022 22:00:10

Date: 2.MAR.2022 22:02:39

Highest Channel / QPSK



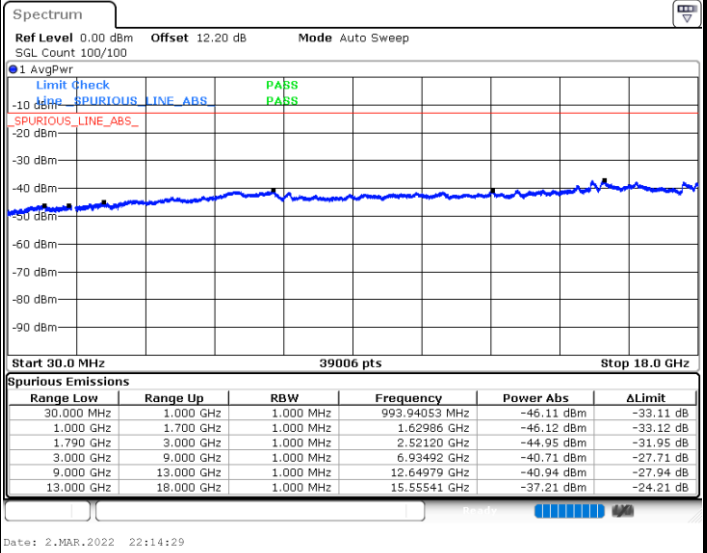
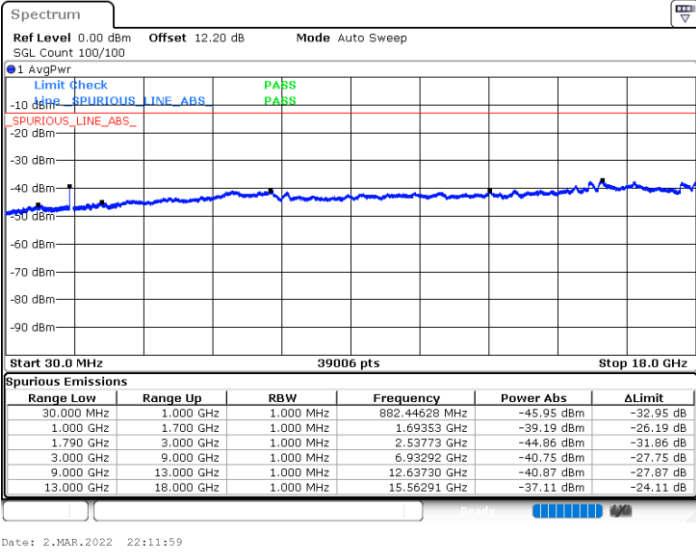
Date: 2.MAR.2022 22:07:06



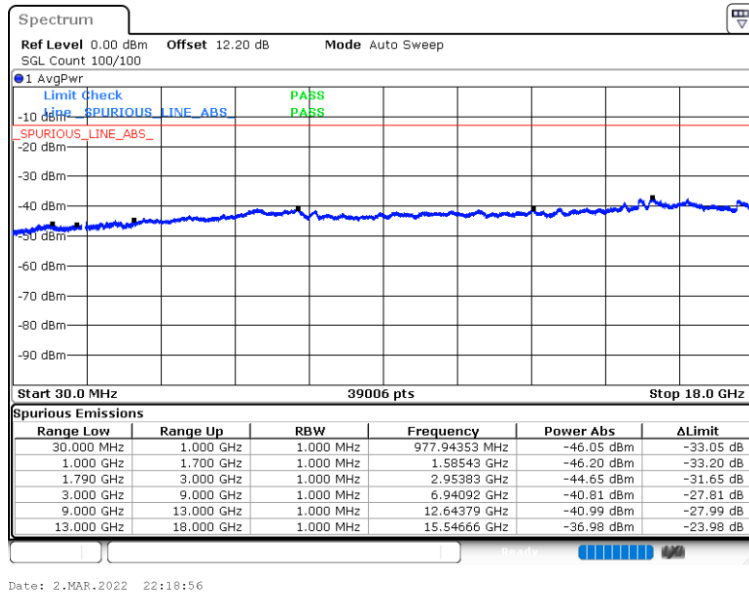
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





### Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0062	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0073	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0057	
-20	Normal Voltage	0.0043	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0084	
20	Battery End Point	0.0064	

**Note:**

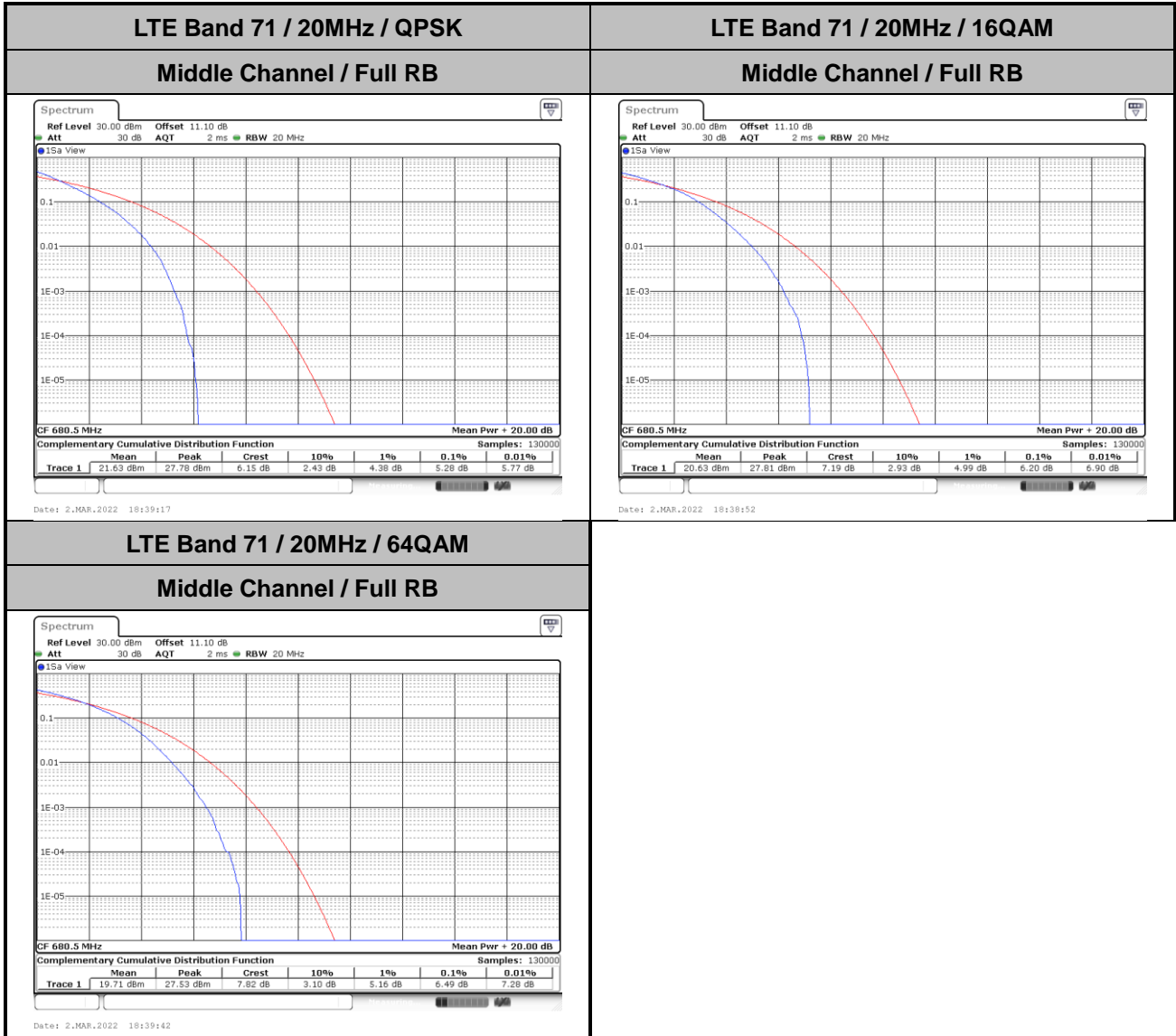
- 1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



## 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	5.28	6.20	6.49	-	PASS





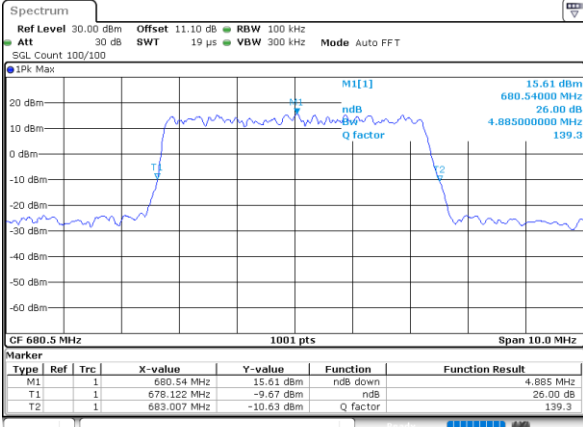
**26dB Bandwidth**

Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.89	4.90	9.99	9.83	14.48	14.36	19.06	18.98
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.96	-	9.69	-	14.57	-	18.70	-



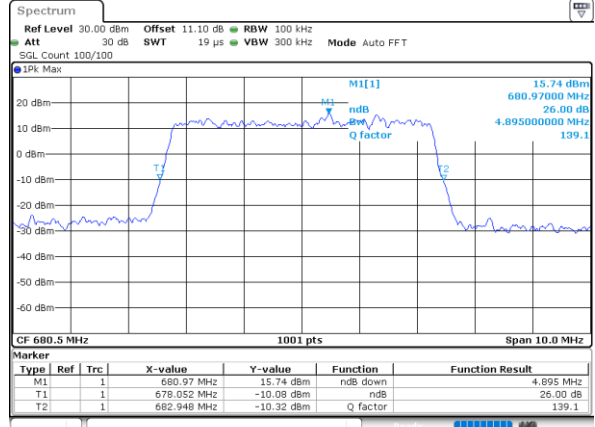
LTE Band 71

Middle Channel / 5MHz / QPSK



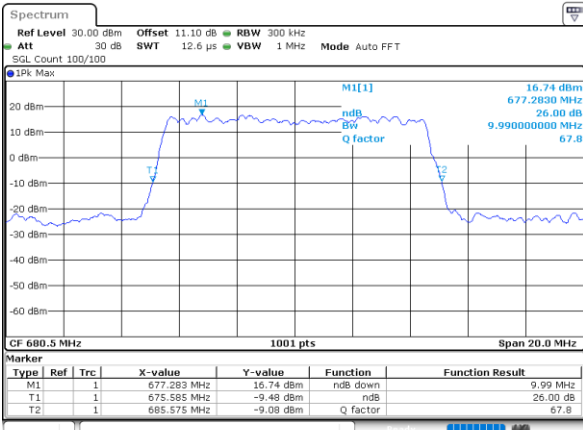
Date: 2,MAR,2022 17:22:33

Middle Channel / 5MHz / 16QAM



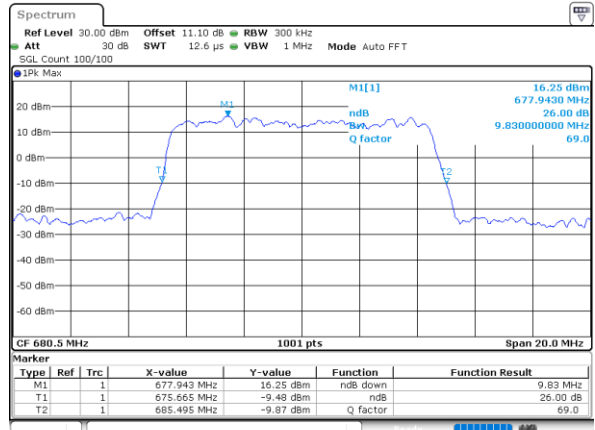
Date: 2,MAR,2022 17:22:57

Middle Channel / 10MHz / QPSK



Date: 2,MAR,2022 17:46:27

Middle Channel / 10MHz / 16QAM

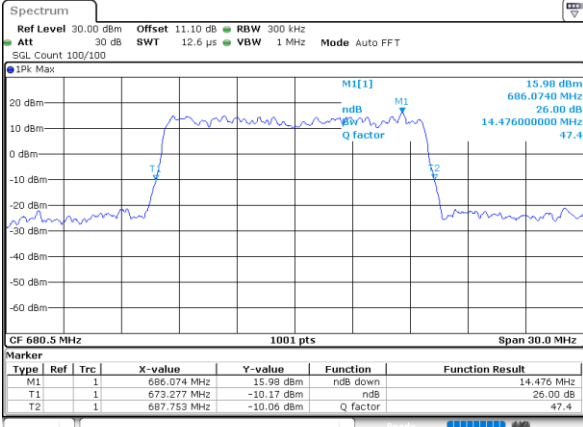


Date: 2,MAR,2022 17:46:51



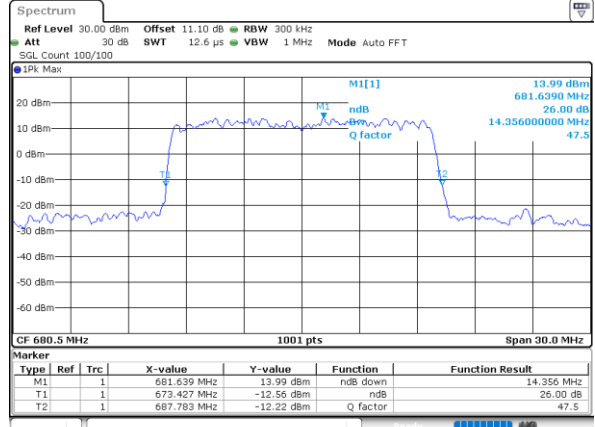
LTE Band 71

Middle Channel / 15MHz / QPSK



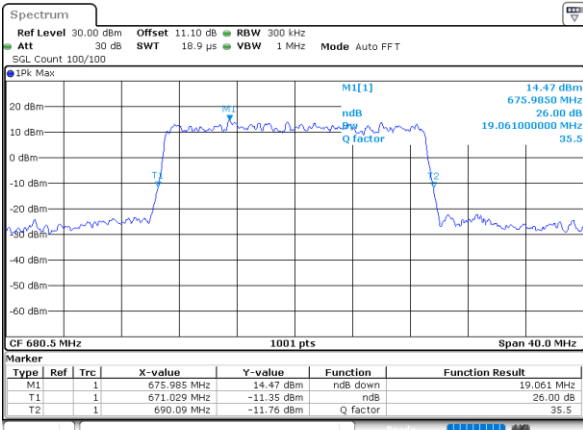
Date: 2,MAR,2022 18:12:33

Middle Channel / 15MHz / 16QAM



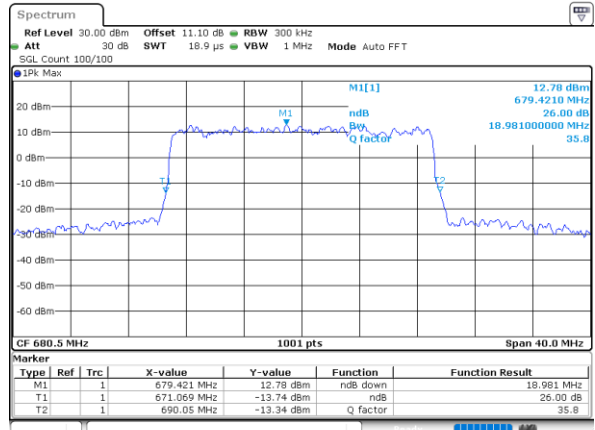
Date: 2,MAR,2022 18:12:56

Middle Channel / 20MHz / QPSK



Date: 2,MAR,2022 18:28:23

Middle Channel / 20MHz / 16QAM



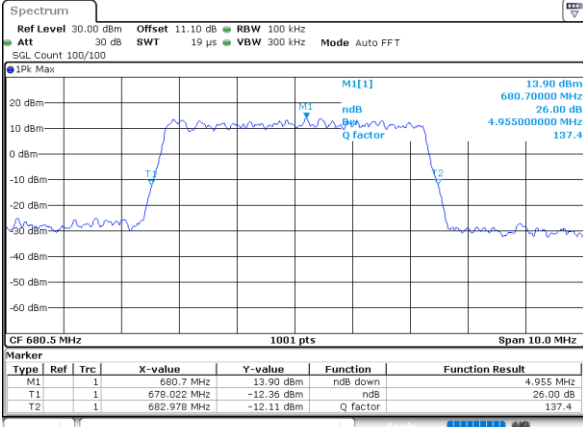
Date: 2,MAR,2022 18:28:47





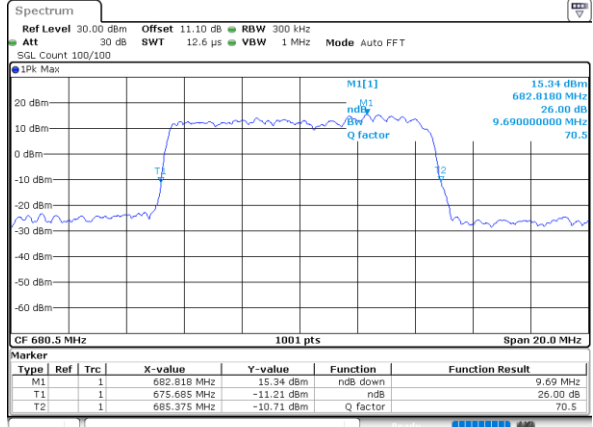
LTE Band 71

Middle Channel / 5MHz / 64QAM



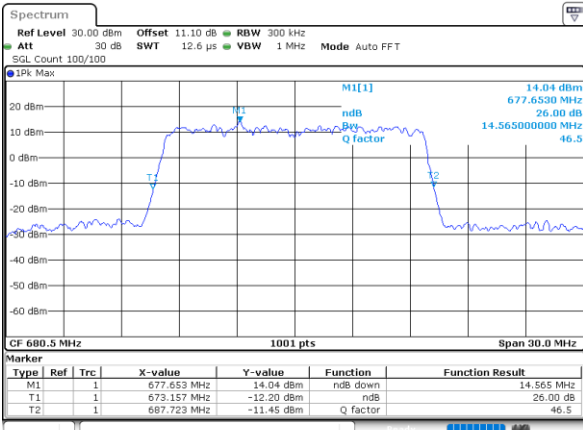
Date: 2.MAR.2022 17:30:49

Middle Channel / 10MHz / 64QAM



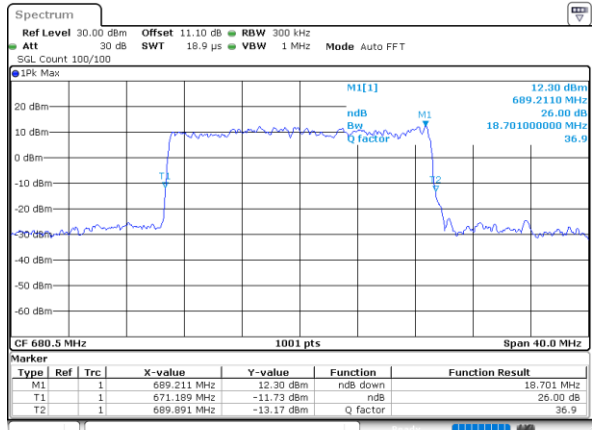
Date: 2.MAR.2022 18:05:05

Middle Channel / 15MHz / 64QAM



Date: 2.MAR.2022 18:20:54

Middle Channel / 20MHz / 64QAM



Date: 2.MAR.2022 18:36:41



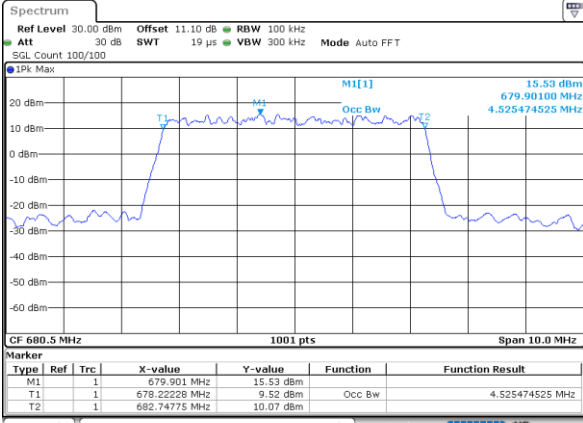
**Occupied Bandwidth**

Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.53	4.50	9.03	9.03	13.46	13.40	17.90	17.94
Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.52	-	9.07	-	13.43	-	17.86	-



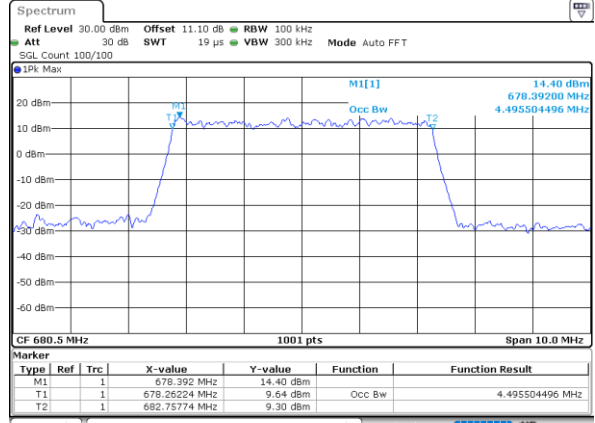
LTE Band 71

Middle Channel / 5MHz / QPSK



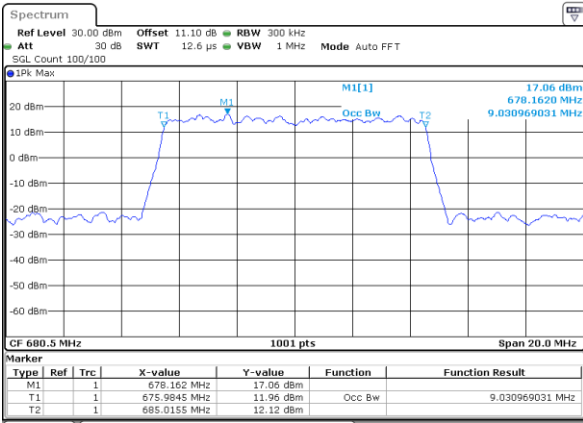
Date: 2,MAR,2022 17:21:47

Middle Channel / 5MHz / 16QAM



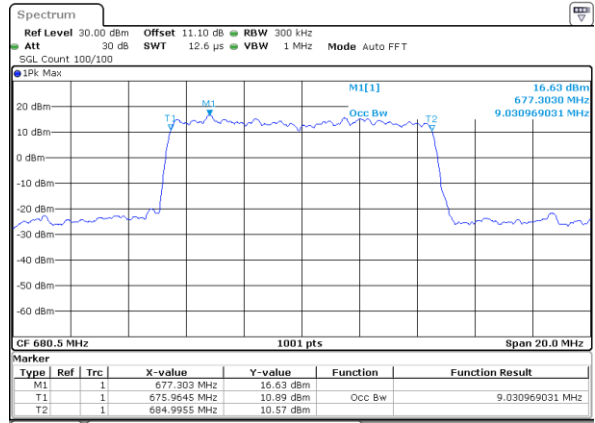
Date: 2,MAR,2022 17:22:10

Middle Channel / 10MHz / QPSK



Date: 2,MAR,2022 17:45:40

Middle Channel / 10MHz / 16QAM

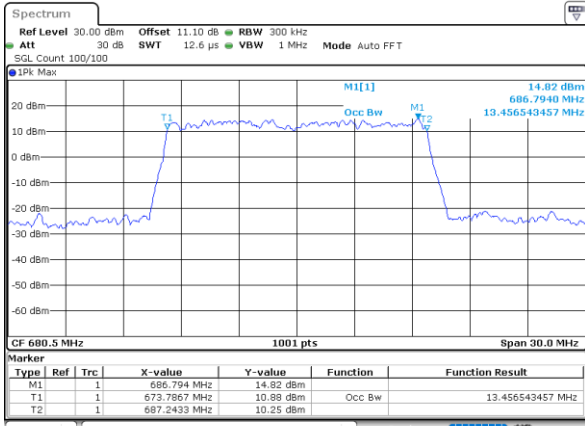


Date: 2,MAR,2022 17:46:03



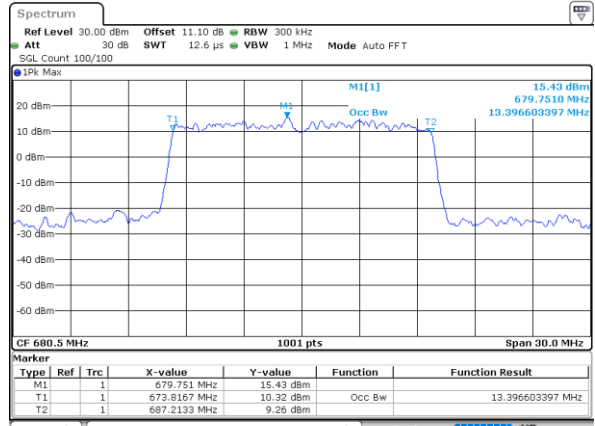
LTE Band 71

Middle Channel / 15MHz / QPSK



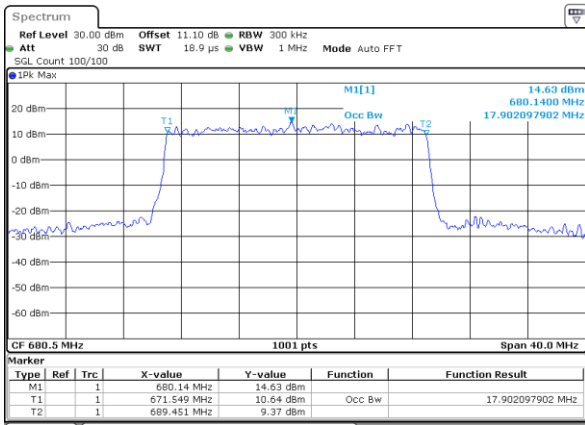
Date: 2,MAR,2022 18:11:46

Middle Channel / 15MHz / 16QAM



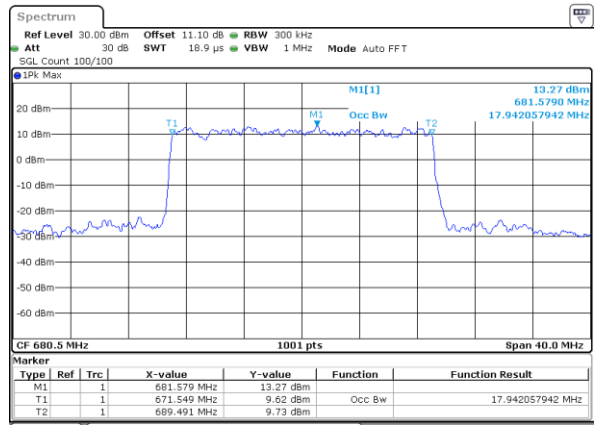
Date: 2,MAR,2022 18:12:09

Middle Channel / 20MHz / QPSK



Date: 2,MAR,2022 18:27:36

Middle Channel / 20MHz / 16QAM

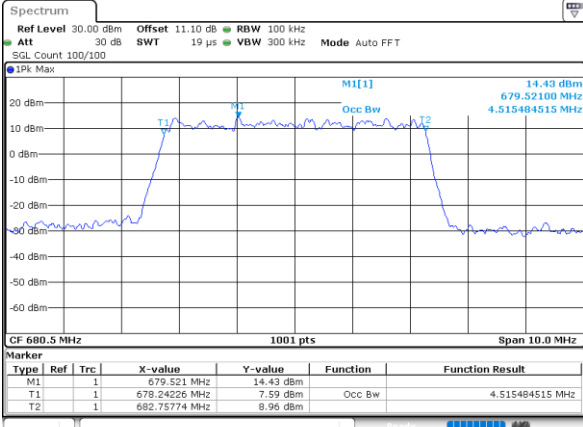


Date: 2,MAR,2022 18:27:59



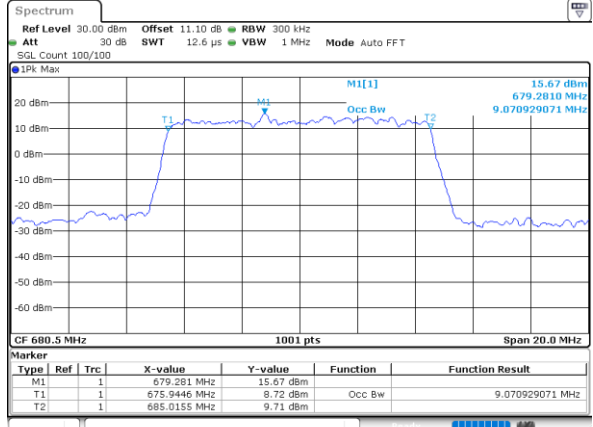
LTE Band 71

Middle Channel / 5MHz / 64QAM



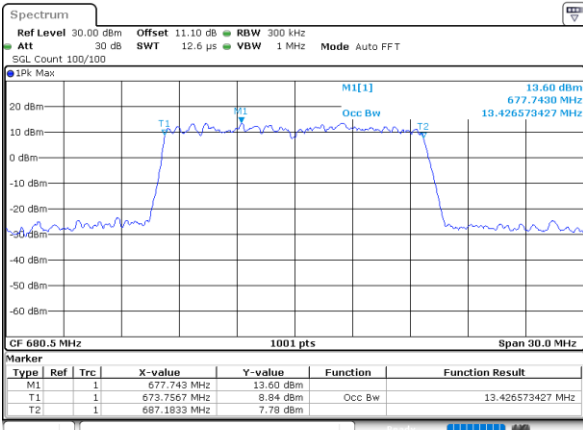
Date: 2.MAR.2022 17:30:25

Middle Channel / 10MHz / 64QAM



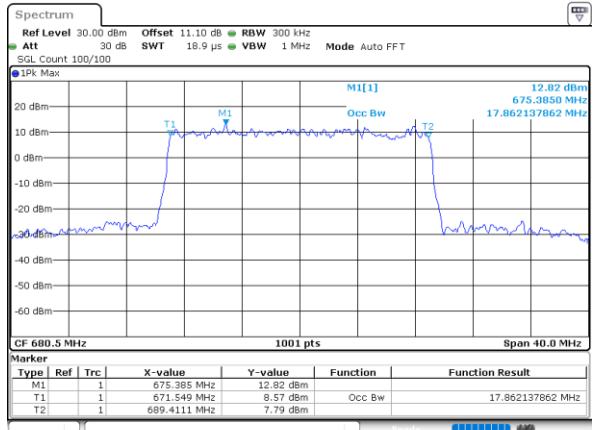
Date: 2.MAR.2022 18:04:42

Middle Channel / 15MHz / 64QAM



Date: 2.MAR.2022 18:20:31

Middle Channel / 20MHz / 64QAM



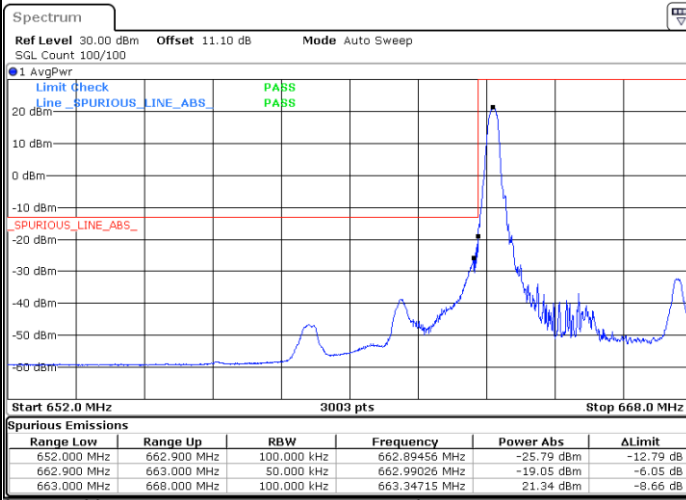
Date: 2.MAR.2022 18:36:17



# Conducted Band Edge

## LTE Band 71 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



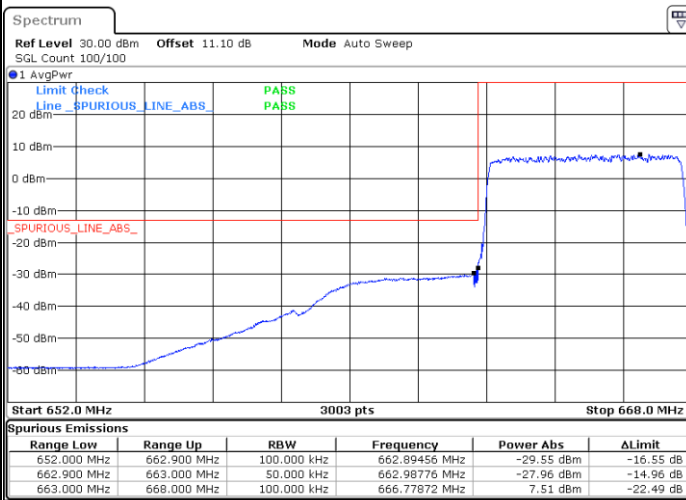
Date: 2.MAR.2022 17:17:49

### Highest Band Edge / 1 RB



Date: 2.MAR.2022 17:24:42

### Lowest Band Edge / Full RB



Date: 2.MAR.2022 17:19:35

### Highest Band Edge / Full RB

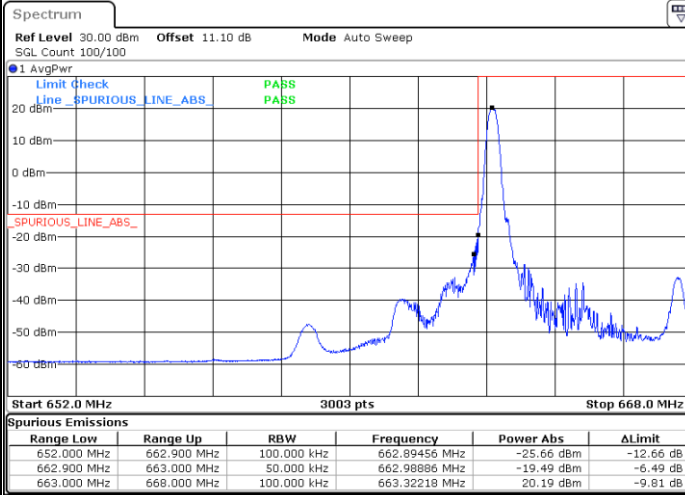


Date: 2.MAR.2022 17:26:29



LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1RB



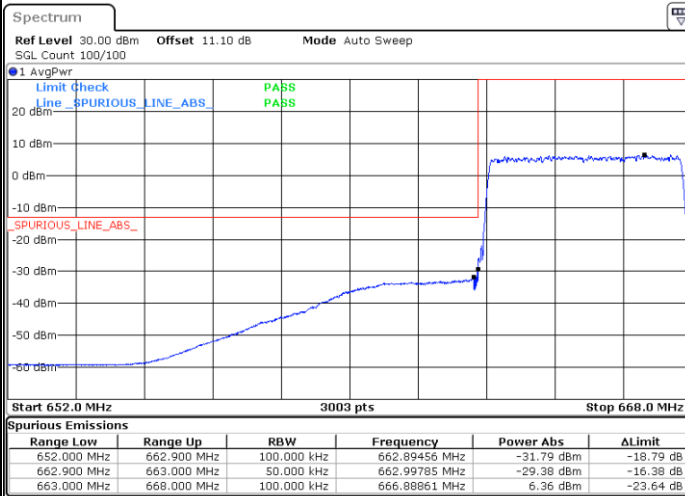
Date: 2.MAR.2022 17:18:42

Highest Band Edge / 1 RB



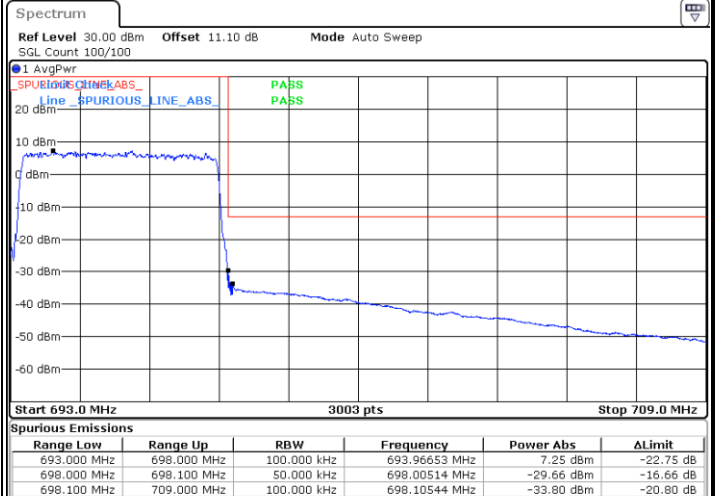
Date: 2.MAR.2022 17:25:36

Lowest Band Edge / Full RB



Date: 2.MAR.2022 17:20:29

Highest Band Edge / Full RB

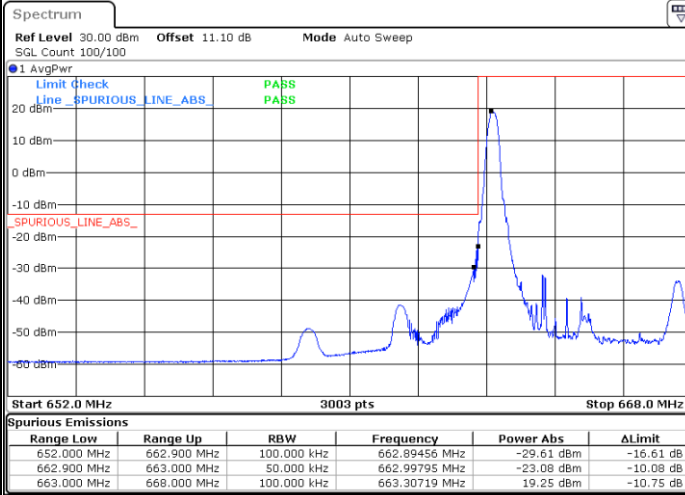


Date: 2.MAR.2022 17:27:22



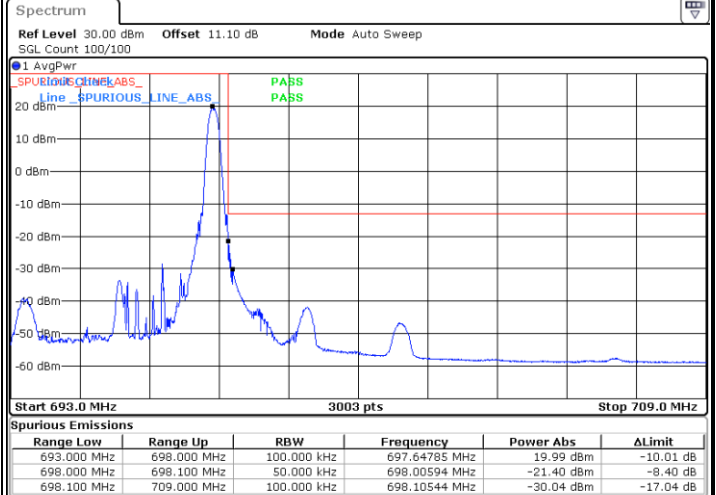
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



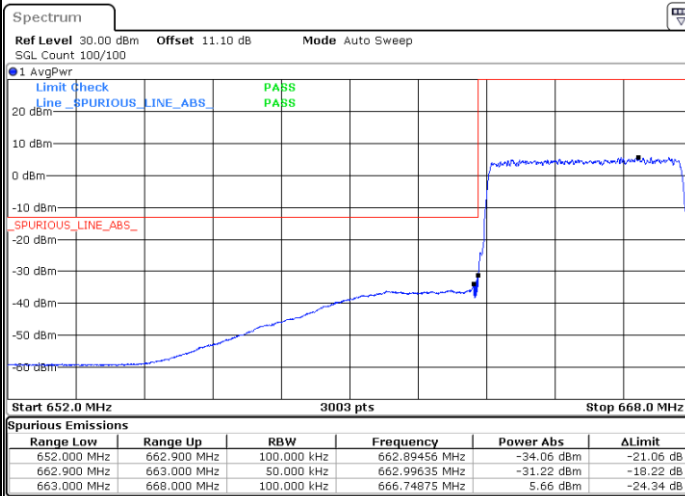
Date: 2.MAR.2022 17:29:08

Highest Band Edge / 1 RB



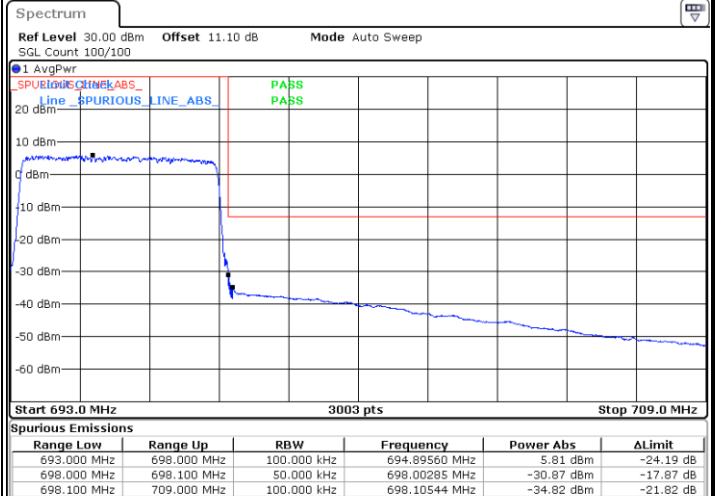
Date: 2.MAR.2022 17:31:42

Lowest Band Edge / Full RB



Date: 2.MAR.2022 17:30:01

Highest Band Edge / Full RB



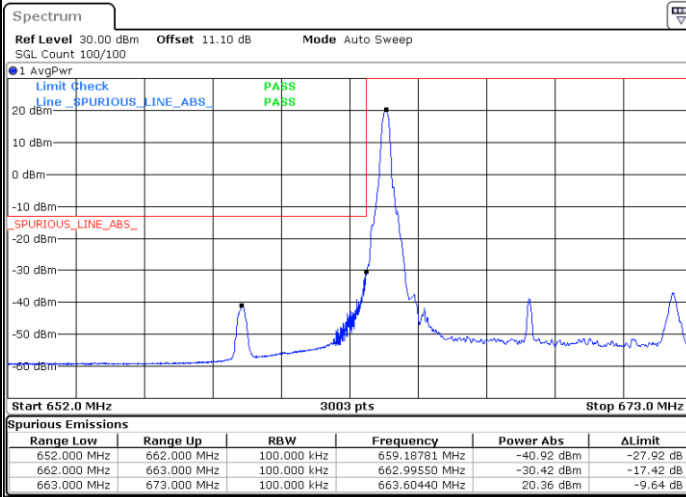
Date: 2.MAR.2022 17:32:35





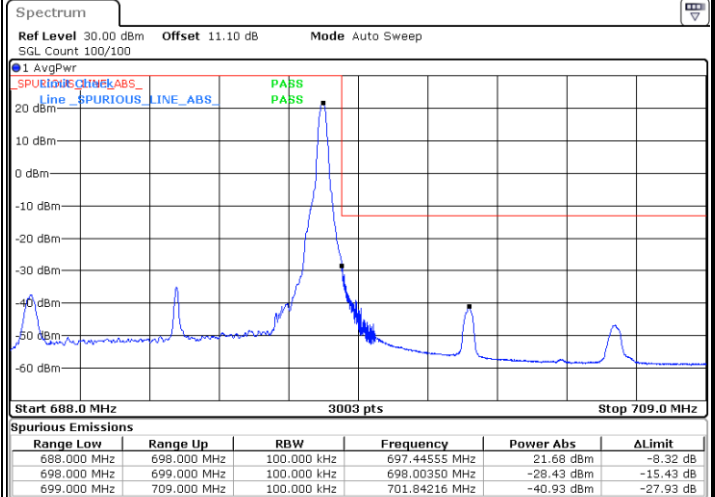
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



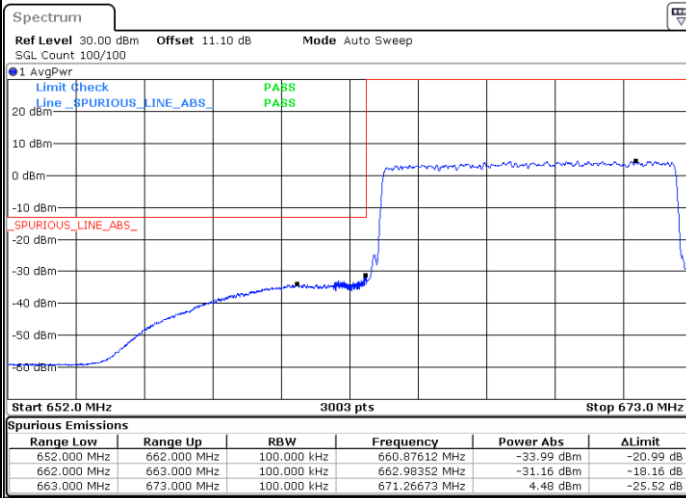
Date: 2.MAR.2022 17:41:43

Highest Band Edge / 1 RB



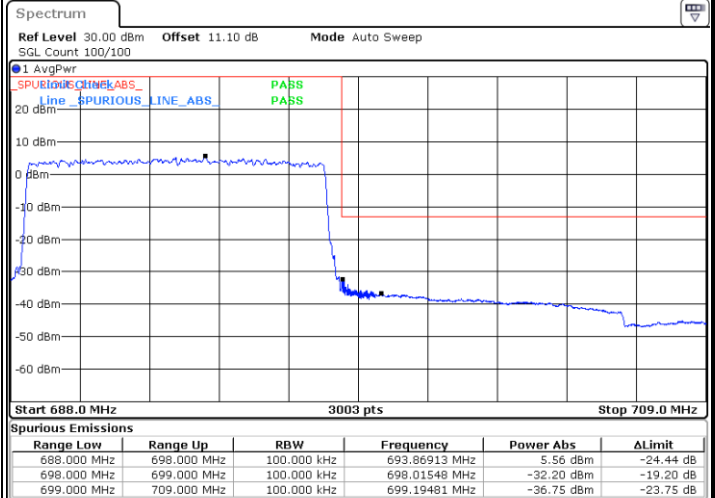
Date: 2.MAR.2022 17:48:36

Lowest Band Edge / Full RB



Date: 2.MAR.2022 17:43:29

Highest Band Edge / Full RB

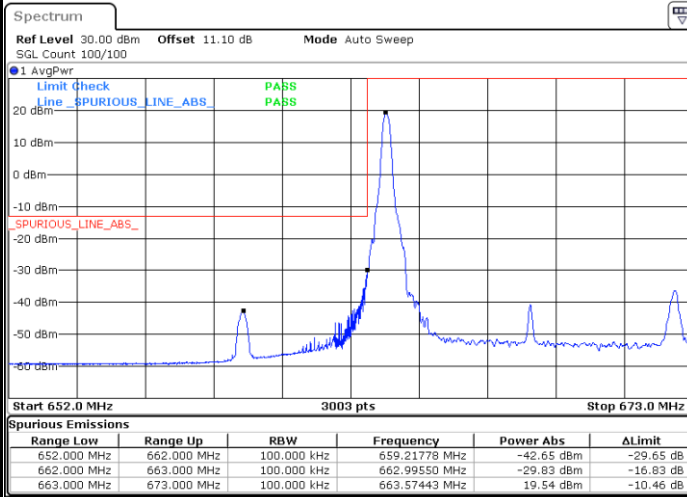


Date: 2.MAR.2022 17:50:22



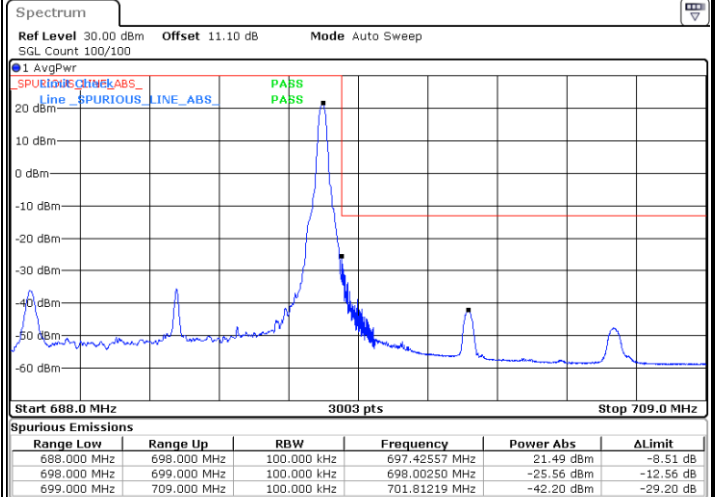
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



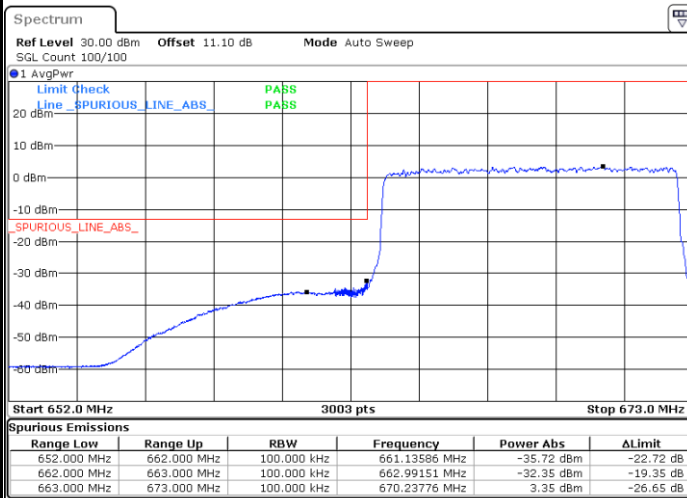
Date: 2.MAR.2022 17:42:36

Highest Band Edge / 1 RB



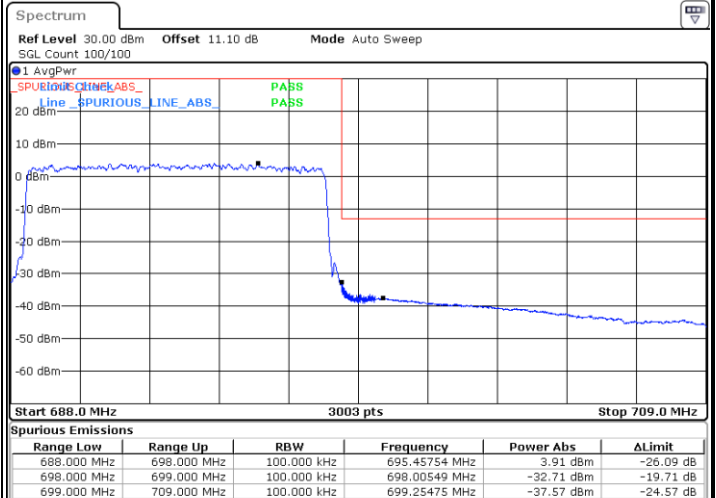
Date: 2.MAR.2022 17:49:29

Lowest Band Edge / Full RB



Date: 2.MAR.2022 17:44:22

Highest Band Edge / Full RB

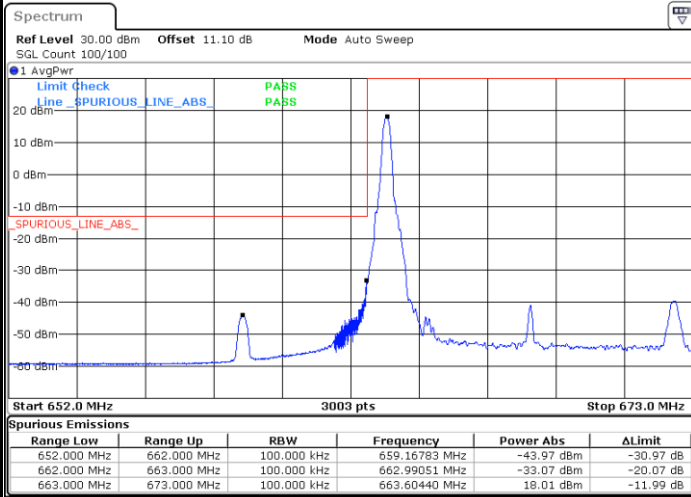


Date: 2.MAR.2022 17:51:16



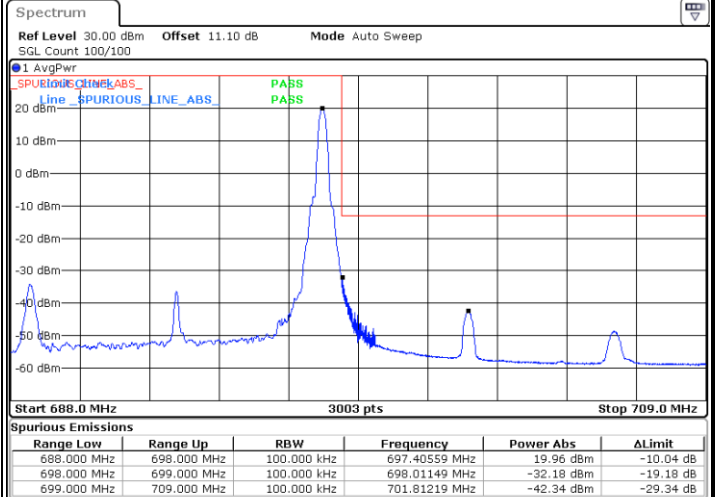
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



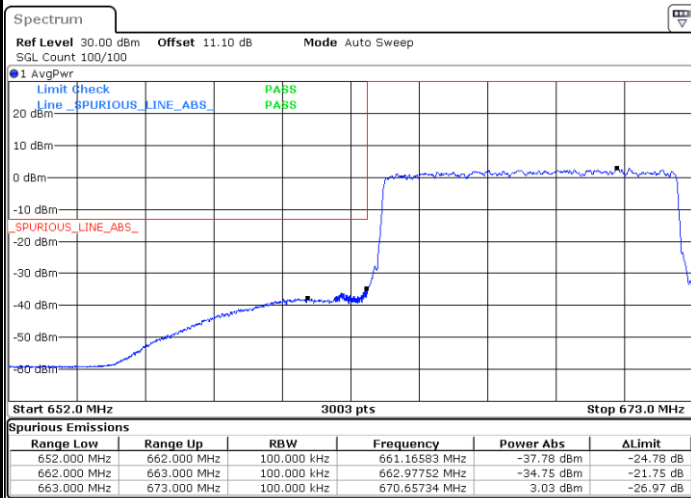
Date: 2.MAR.2022 18:03:25

Highest Band Edge / 1 RB



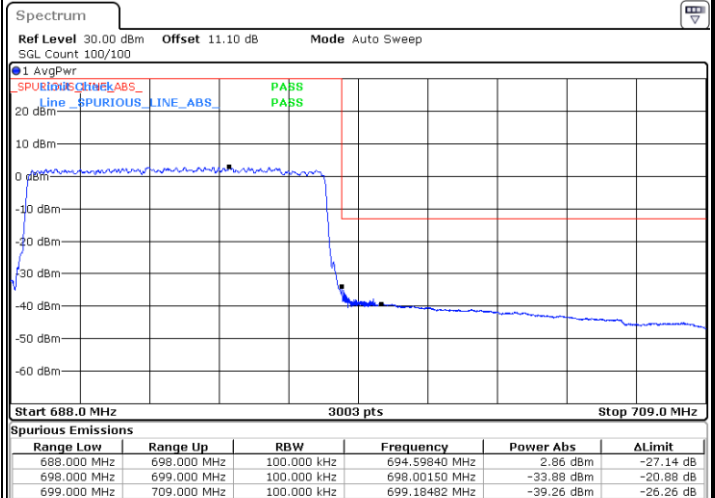
Date: 2.MAR.2022 18:05:58

Lowest Band Edge / Full RB



Date: 2.MAR.2022 18:04:18

Highest Band Edge / Full RB

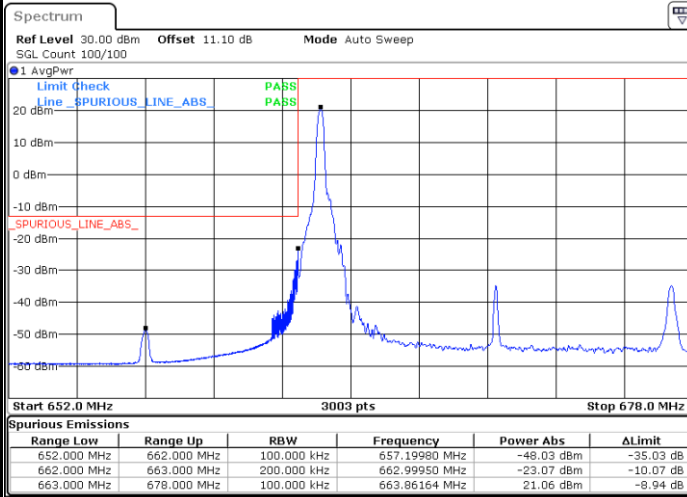


Date: 2.MAR.2022 18:06:51



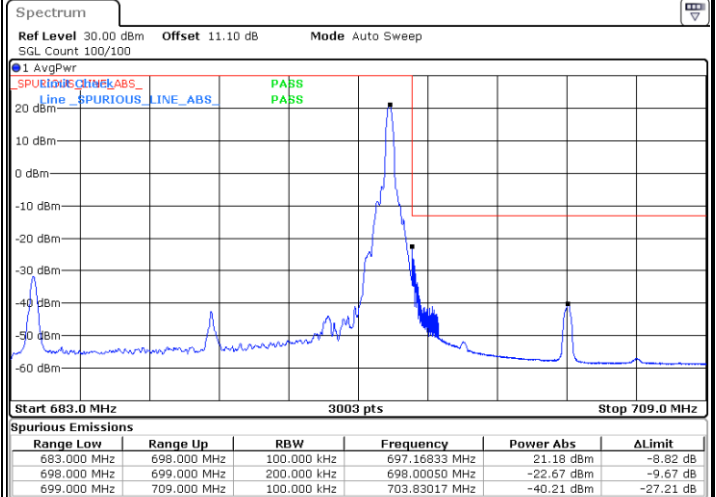
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



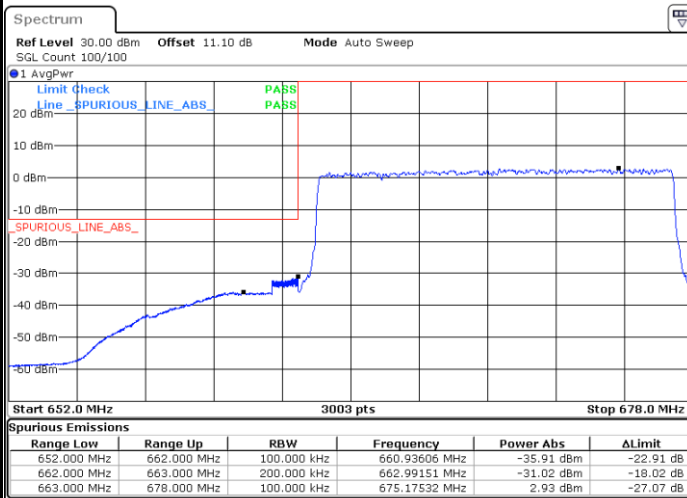
Date: 2.MAR.2022 18:07:46

Highest Band Edge / 1 RB



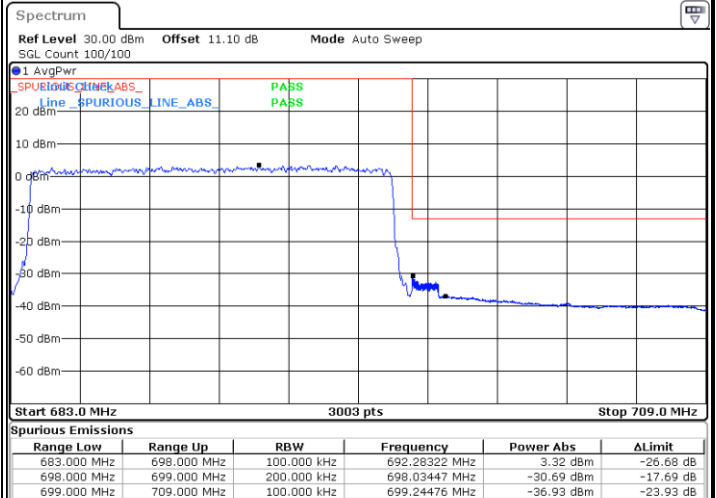
Date: 2.MAR.2022 18:14:41

Lowest Band Edge / Full RB



Date: 2.MAR.2022 18:09:32

Highest Band Edge / Full RB

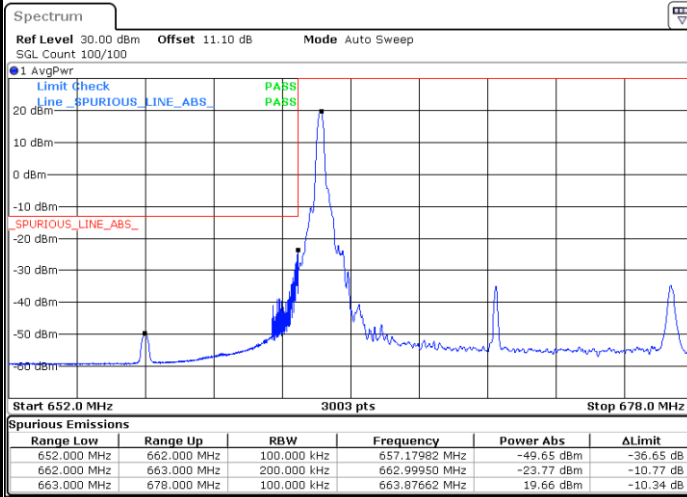


Date: 2.MAR.2022 18:16:28



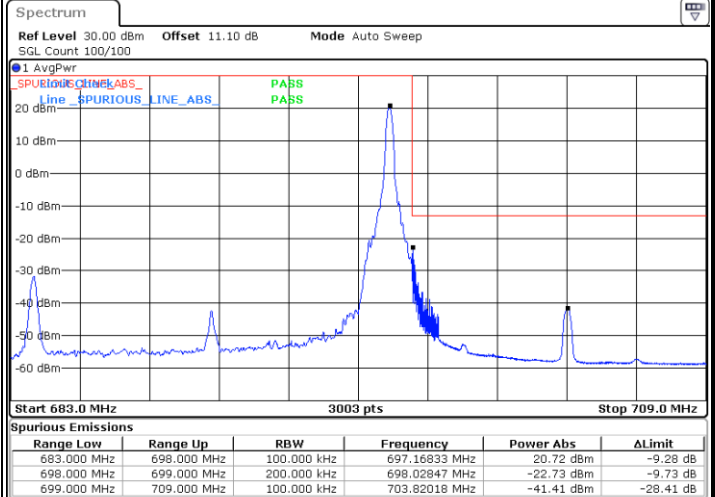
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



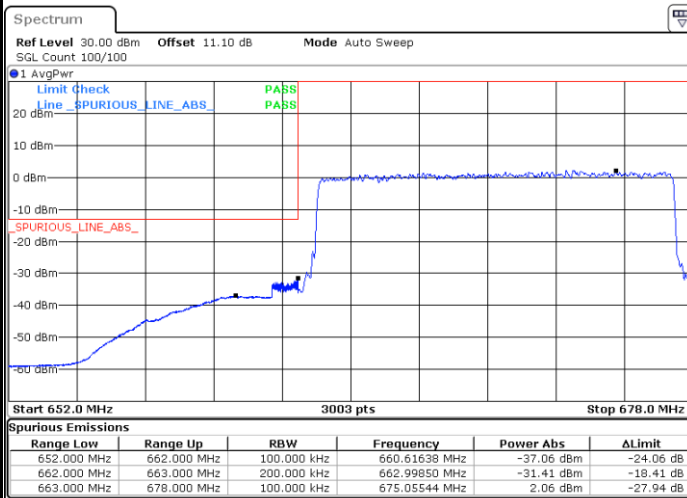
Date: 2.MAR.2022 18:08:39

Highest Band Edge / 1 RB



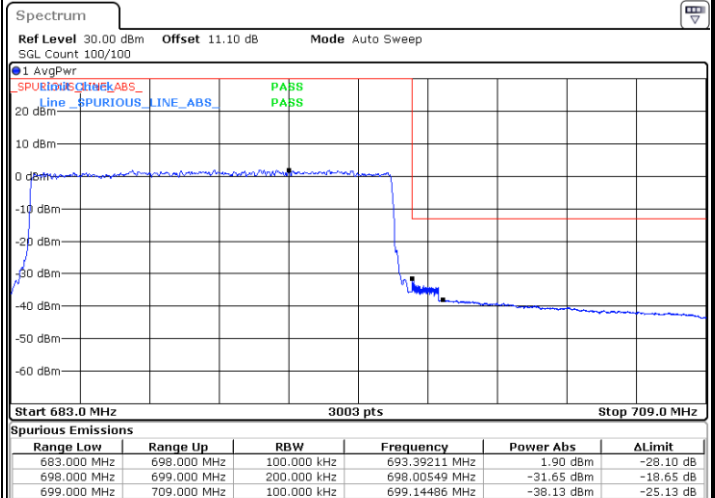
Date: 2.MAR.2022 18:15:35

Lowest Band Edge / Full RB



Date: 2.MAR.2022 18:10:27

Highest Band Edge / Full RB

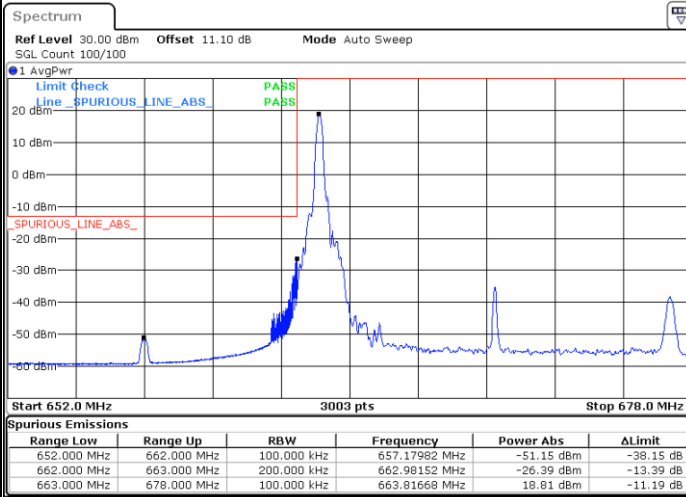


Date: 2.MAR.2022 18:17:23



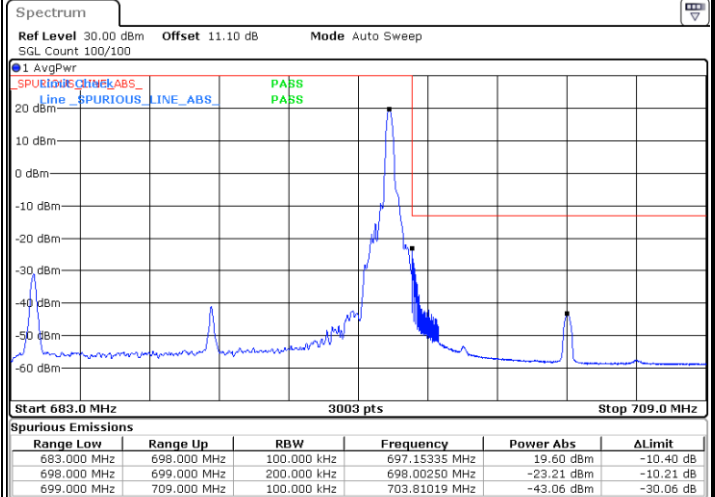
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



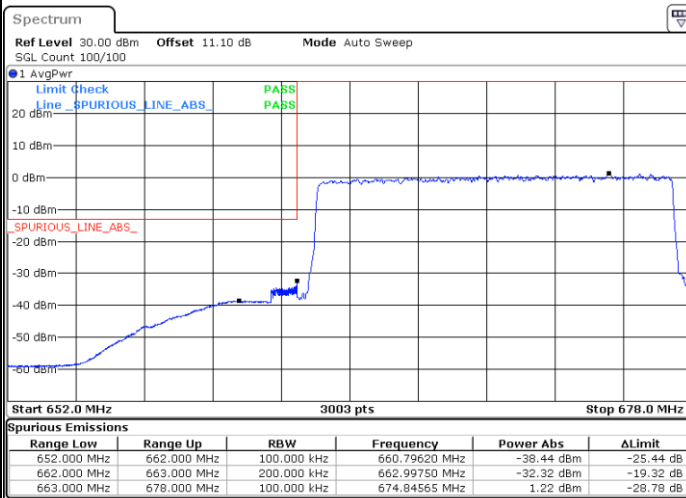
Date: 2.MAR.2022 18:19:13

Highest Band Edge / 1 RB



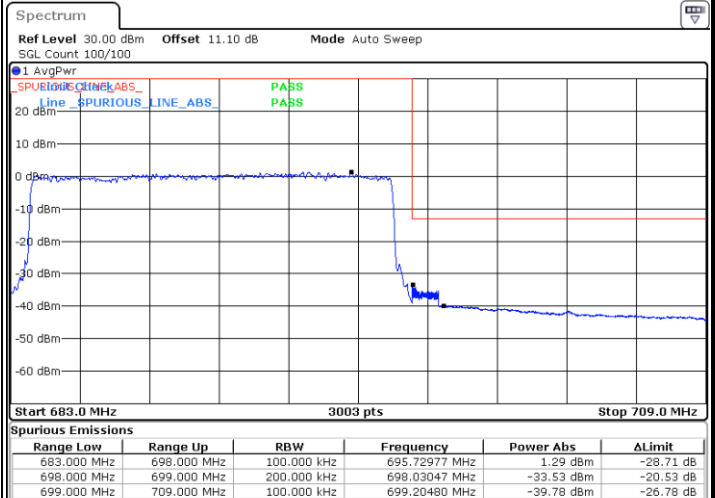
Date: 2.MAR.2022 18:21:48

Lowest Band Edge / Full RB



Date: 2.MAR.2022 18:20:07

Highest Band Edge / Full RB

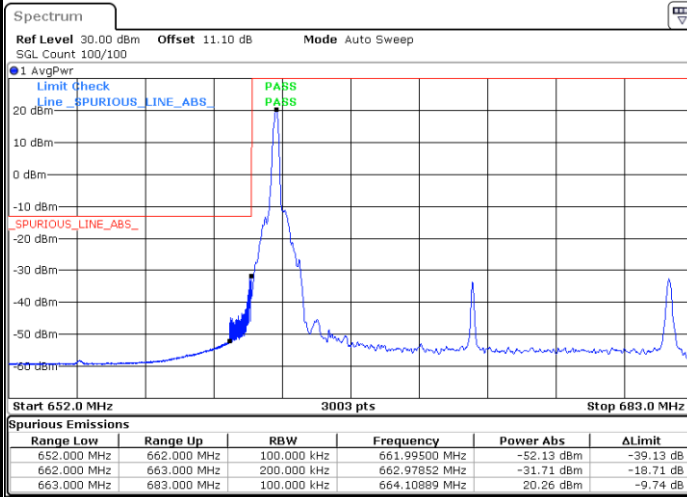


Date: 2.MAR.2022 18:22:41



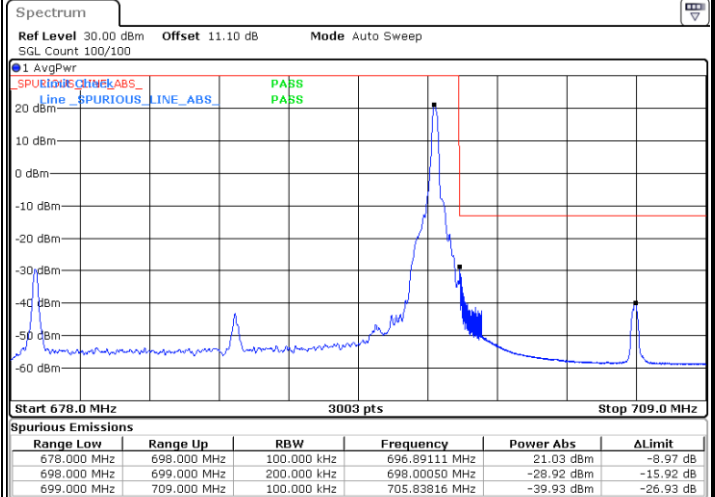
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



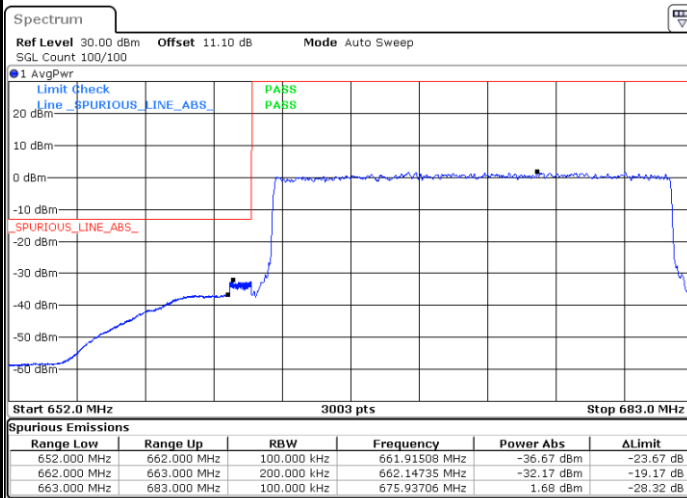
Date: 2.MAR.2022 18:23:36

Highest Band Edge / 1 RB



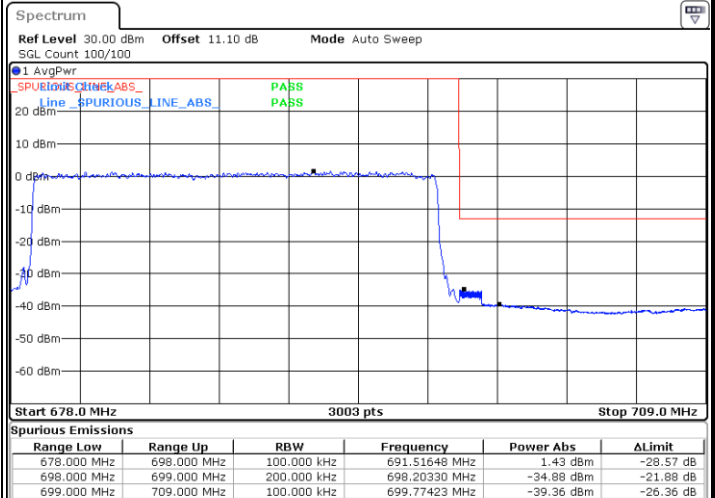
Date: 2.MAR.2022 18:30:32

Lowest Band Edge / Full RB



Date: 2.MAR.2022 18:25:23

Highest Band Edge / Full RB

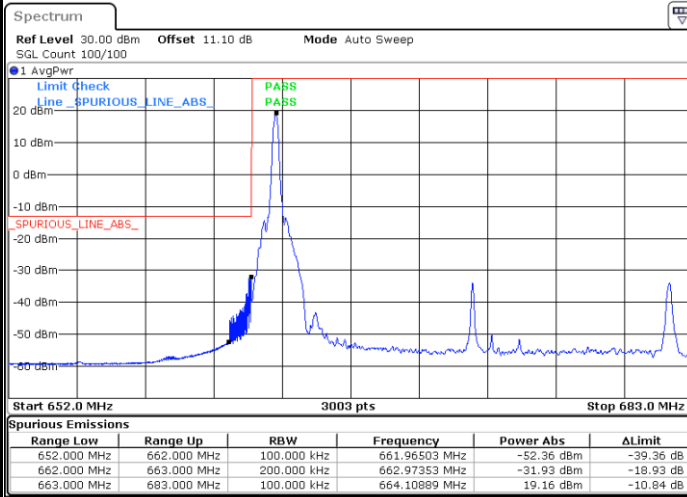


Date: 2.MAR.2022 18:33:15



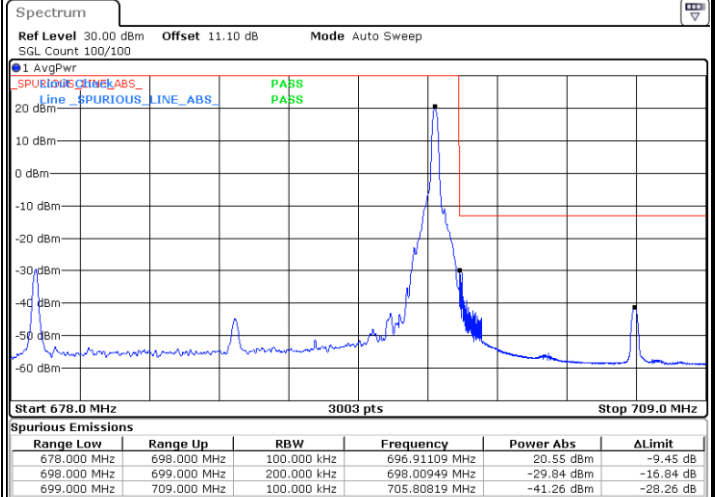
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



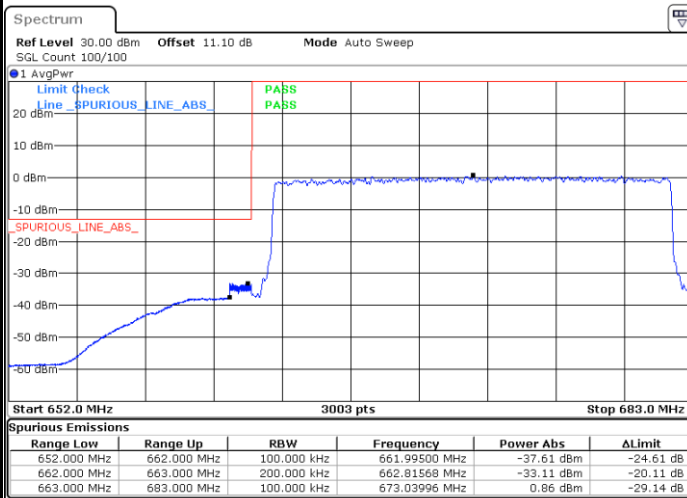
Date: 2.MAR.2022 18:24:29

Highest Band Edge / 1 RB



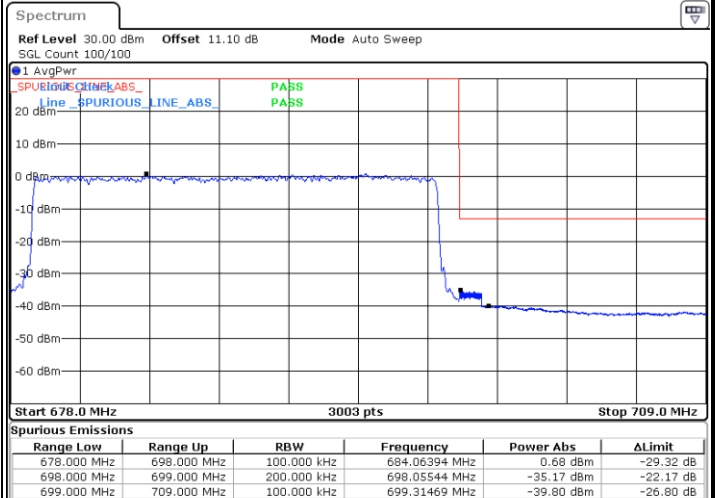
Date: 2.MAR.2022 18:31:26

Lowest Band Edge / Full RB



Date: 2.MAR.2022 18:26:17

Highest Band Edge / Full RB



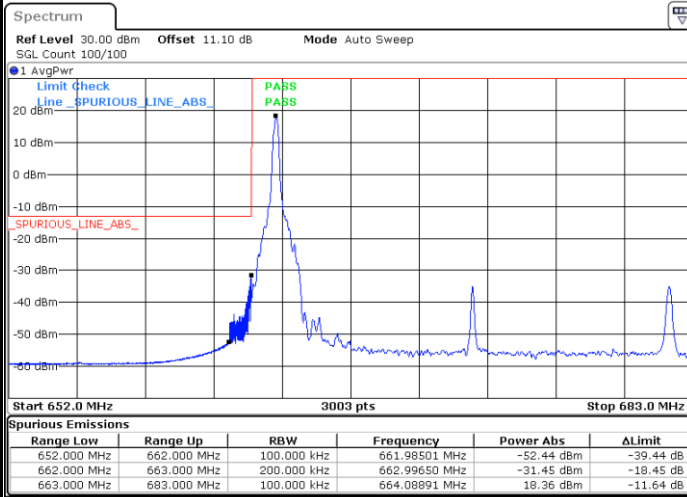
Date: 2.MAR.2022 18:32:21





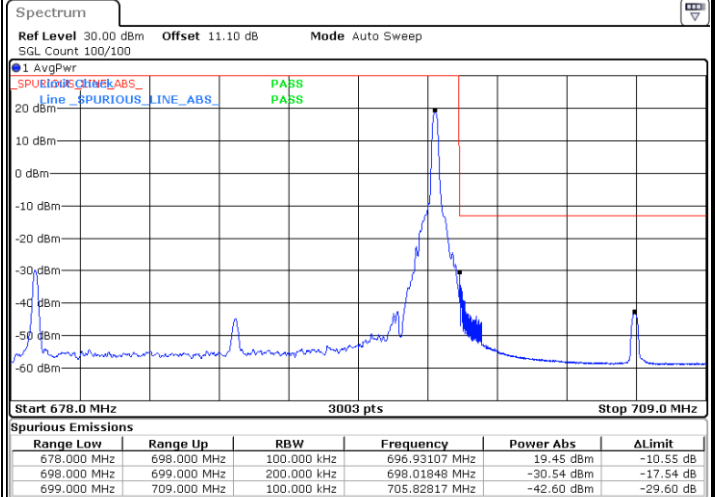
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



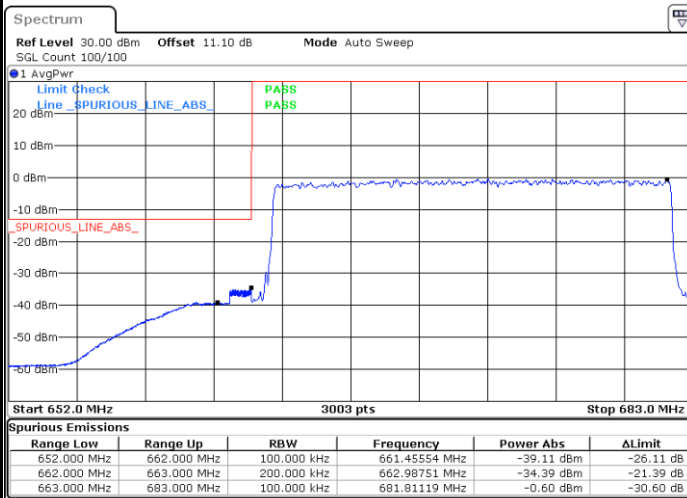
Date: 2.MAR.2022 18:35:00

Highest Band Edge / 1 RB



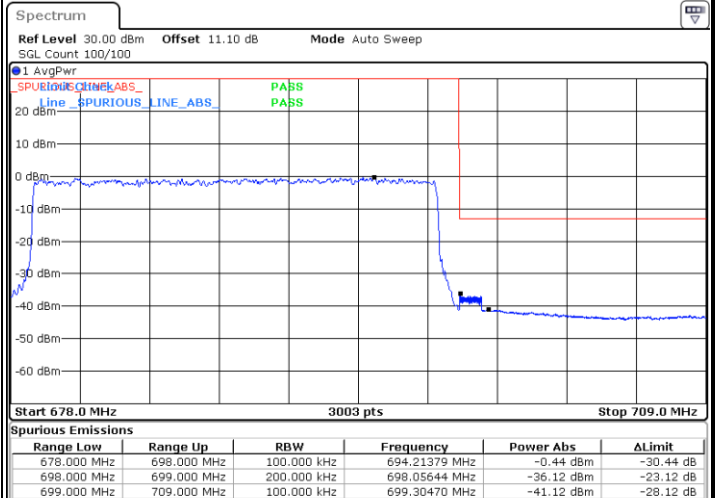
Date: 2.MAR.2022 18:37:34

Lowest Band Edge / Full RB



Date: 2.MAR.2022 18:35:53

Highest Band Edge / Full RB



Date: 2.MAR.2022 18:38:27