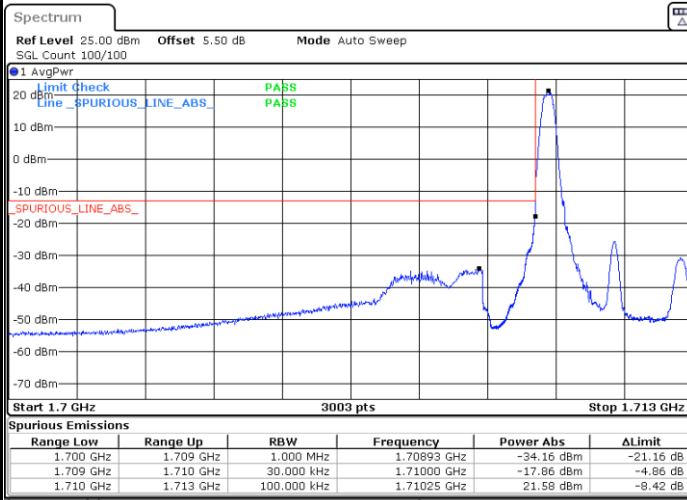




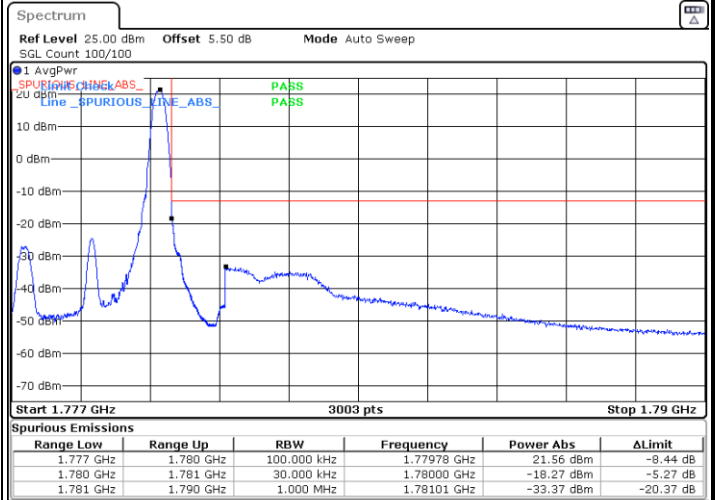
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



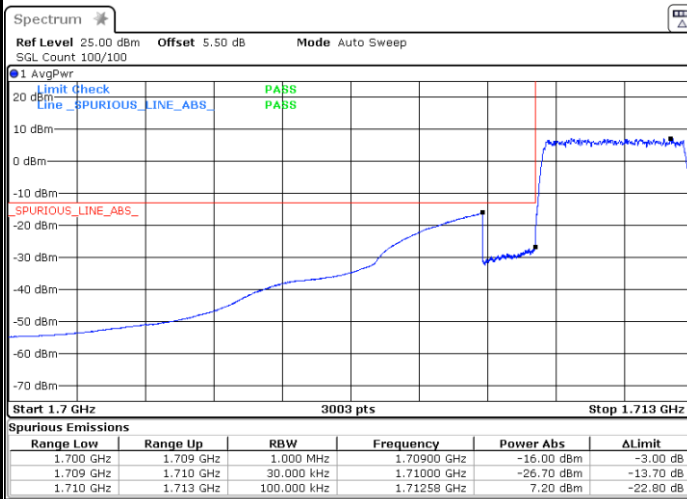
Date: 28 JUL 2023 21:54:09

Highest Band Edge / 1 RB



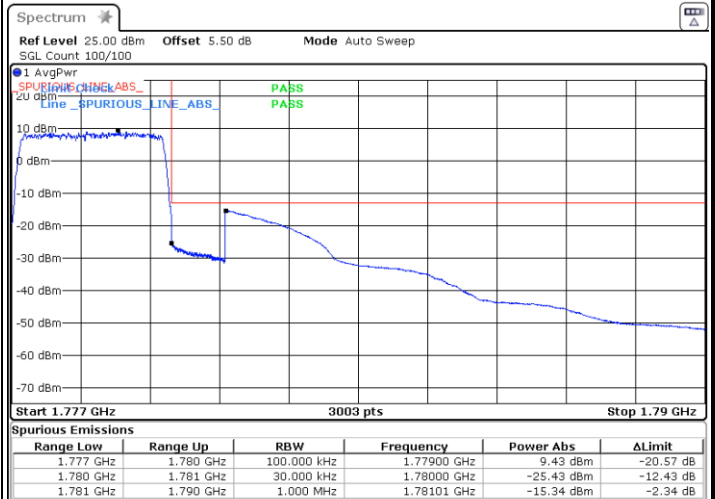
Date: 28 JUL 2023 22:08:55

Lowest Band Edge / Full RB



Date: 28 JUL 2023 22:17:52

Highest Band Edge / Full RB

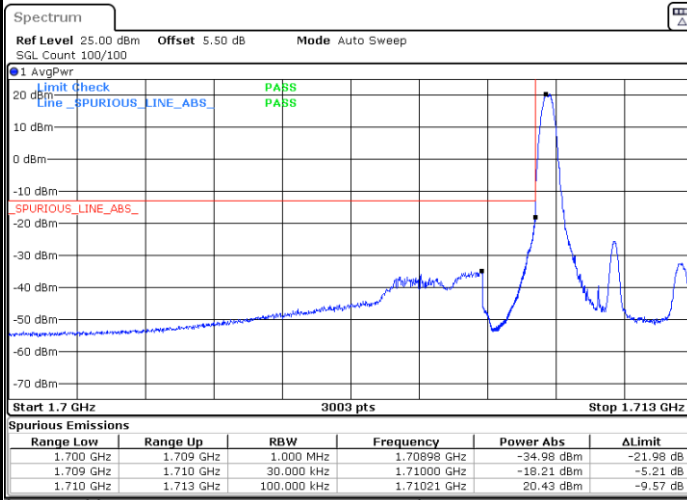


Date: 28 JUL 2023 22:13:34



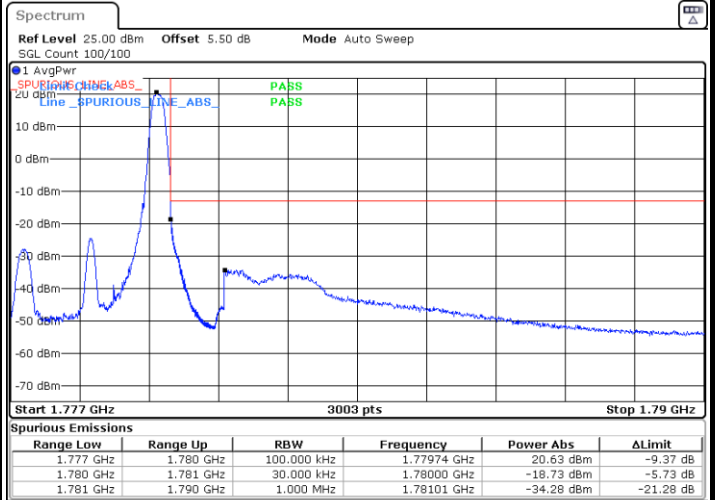
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



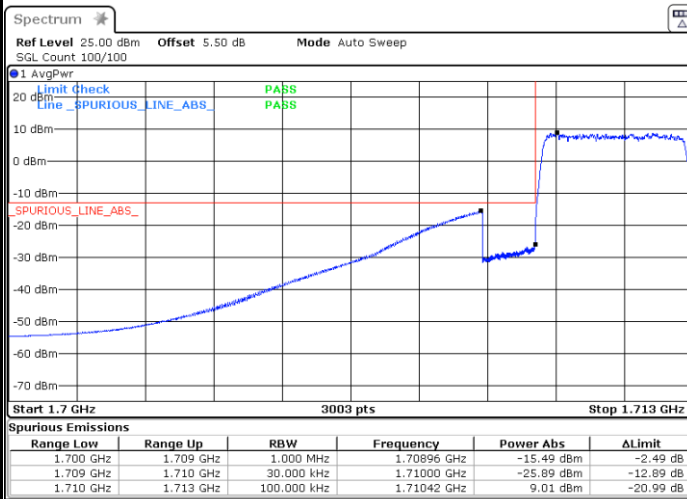
Date: 28 JUL 2023 21:56:21

Highest Band Edge / 1 RB



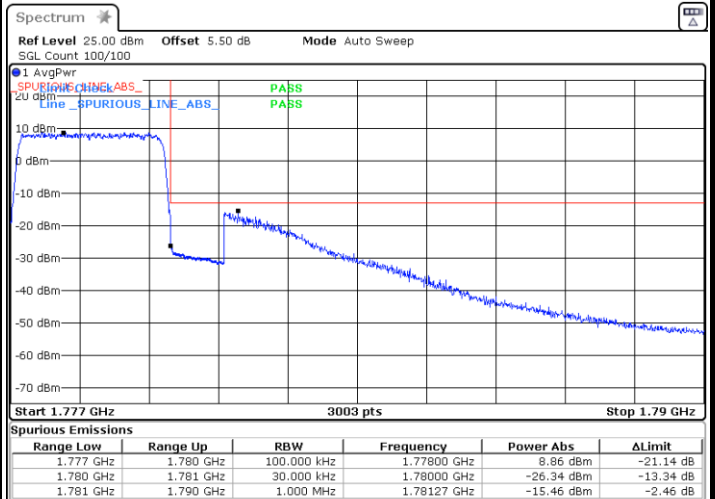
Date: 28 JUL 2023 22:10:59

Lowest Band Edge / Full RB



Date: 28 JUL 2023 22:19:26

Highest Band Edge / Full RB

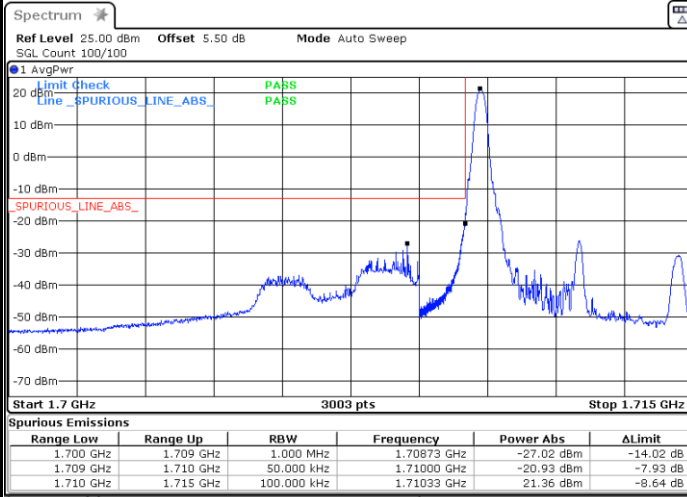


Date: 28 JUL 2023 22:14:41



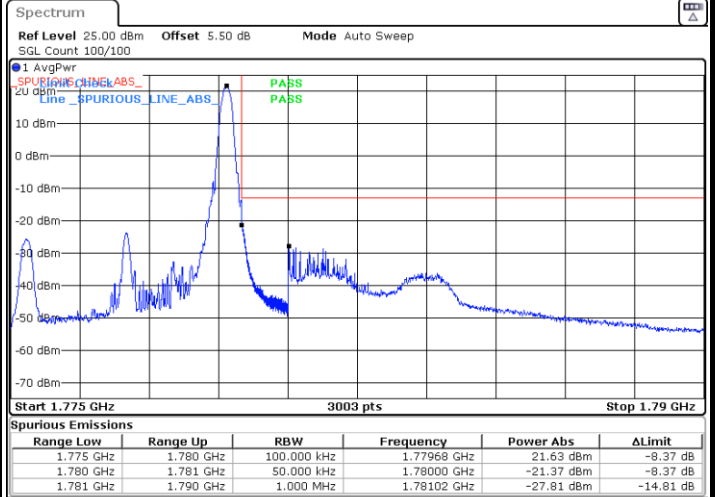
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



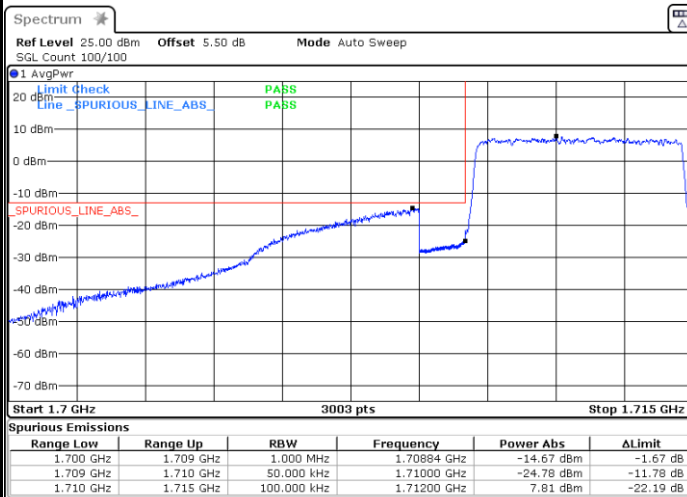
Date: 28 JUL 2023 22:22:47

Highest Band Edge / 1 RB



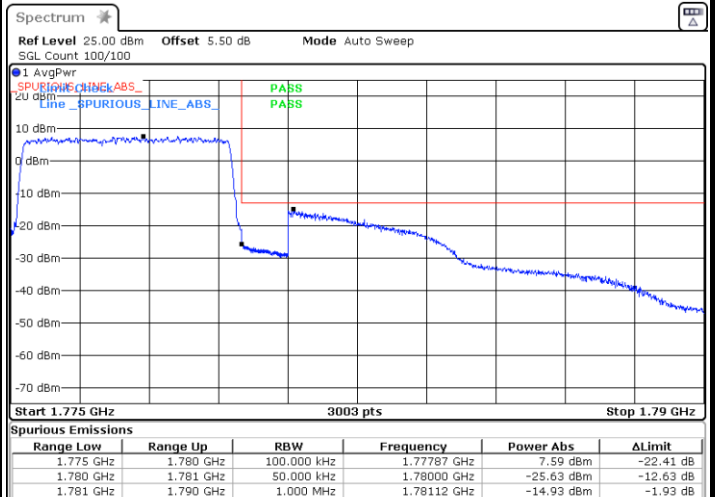
Date: 28 JUL 2023 22:36:06

Lowest Band Edge / Full RB



Date: 28 JUL 2023 22:21:05

Highest Band Edge / Full RB

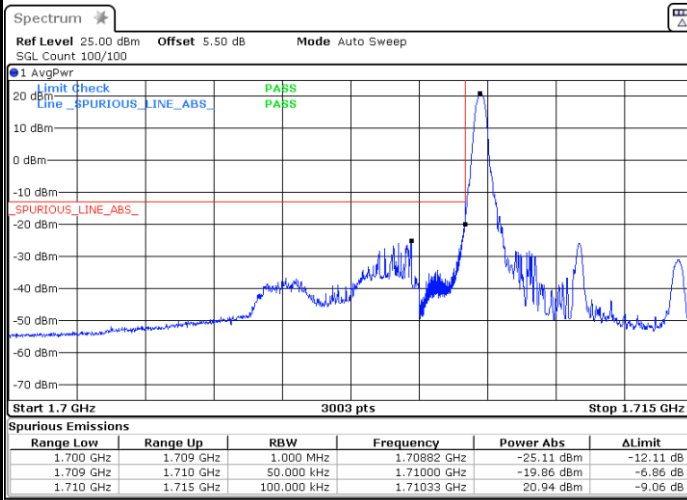


Date: 28 JUL 2023 22:38:42



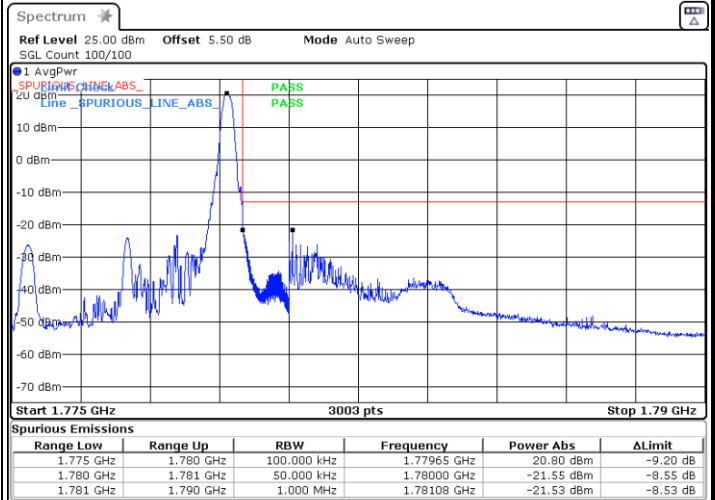
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



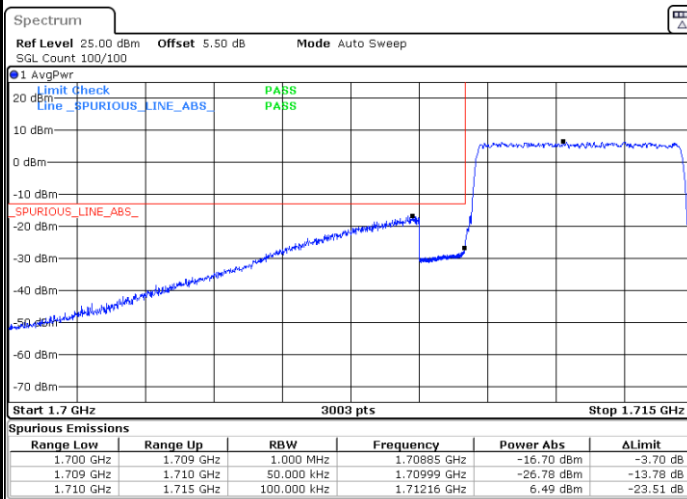
Date: 28 JUL 2023 22:23:32

Highest Band Edge / 1 RB



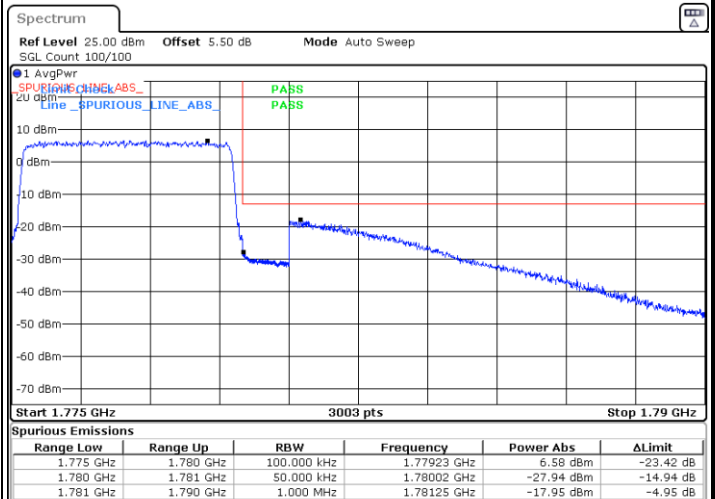
Date: 28 JUL 2023 22:36:54

Lowest Band Edge / Full RB



Date: 28 JUL 2023 22:21:45

Highest Band Edge / Full RB

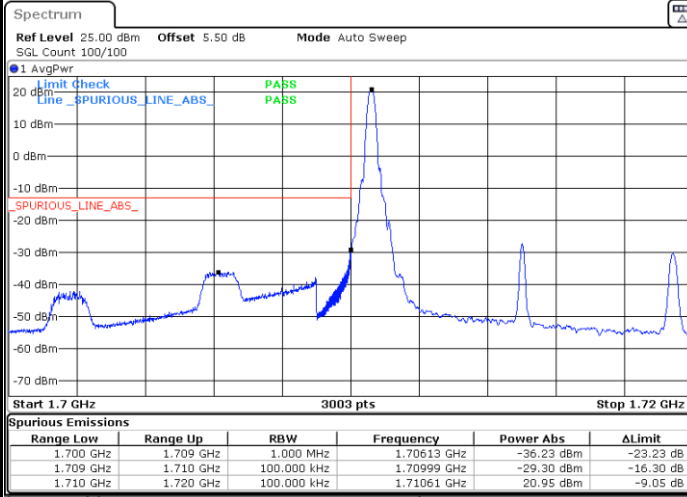


Date: 28 JUL 2023 22:37:38



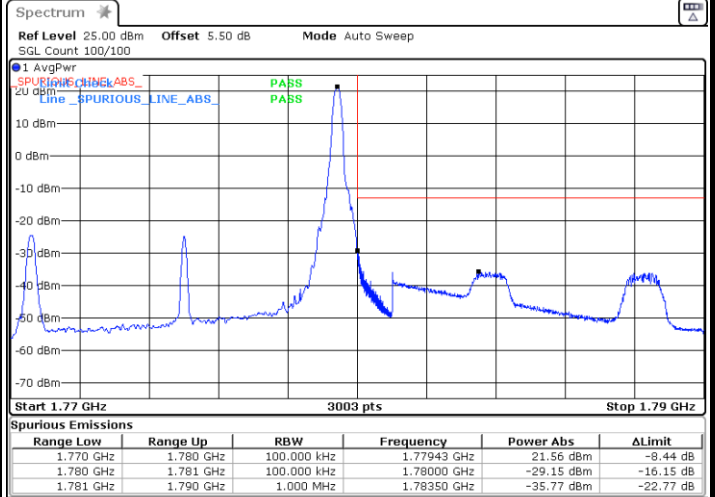
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



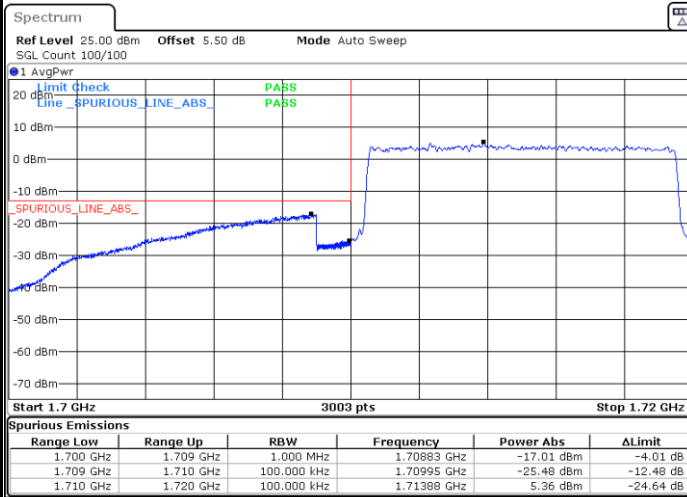
Date: 28 JUL 2023 22:40:59

Highest Band Edge / 1 RB



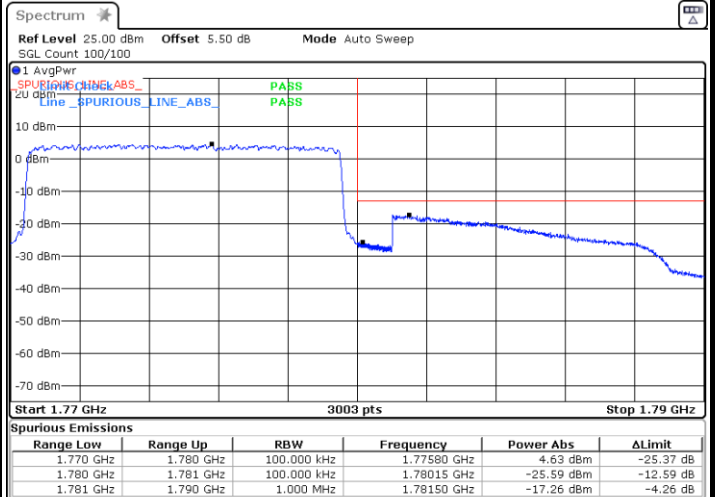
Date: 28 JUL 2023 22:48:49

Lowest Band Edge / Full RB



Date: 28 JUL 2023 22:43:49

Highest Band Edge / Full RB

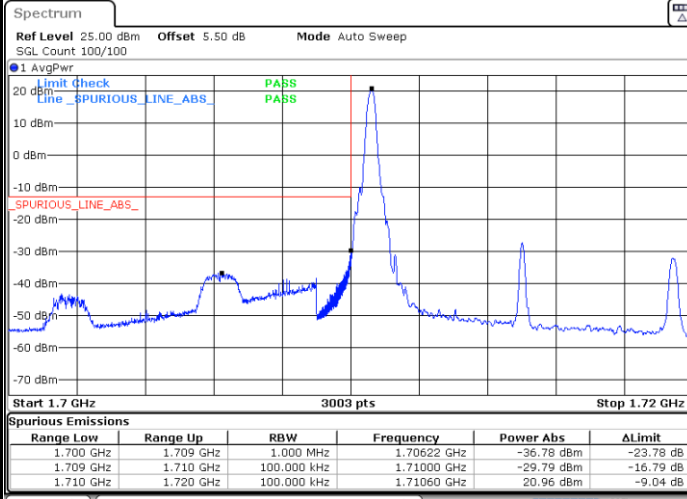


Date: 28 JUL 2023 22:51:28



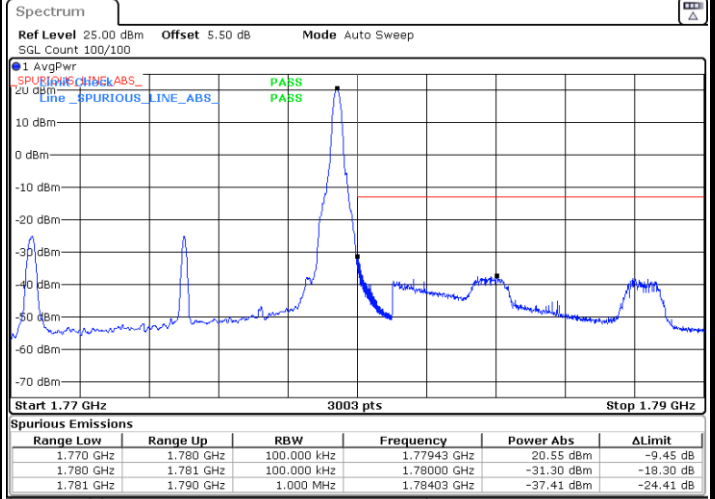
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



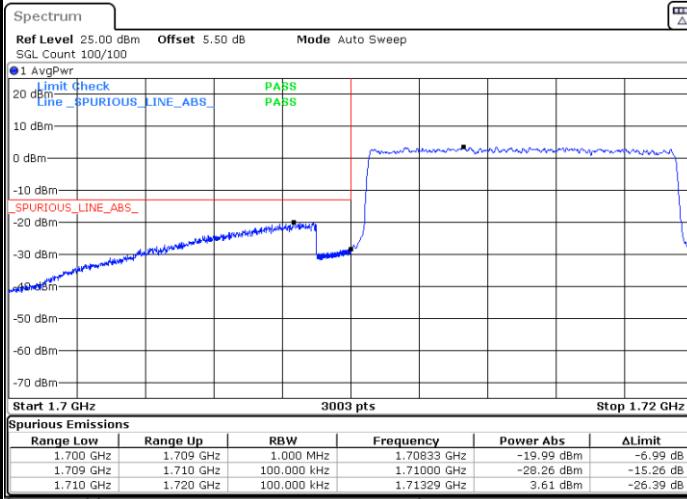
Date: 28 JUL 2023 22:42:30

Highest Band Edge / 1 RB



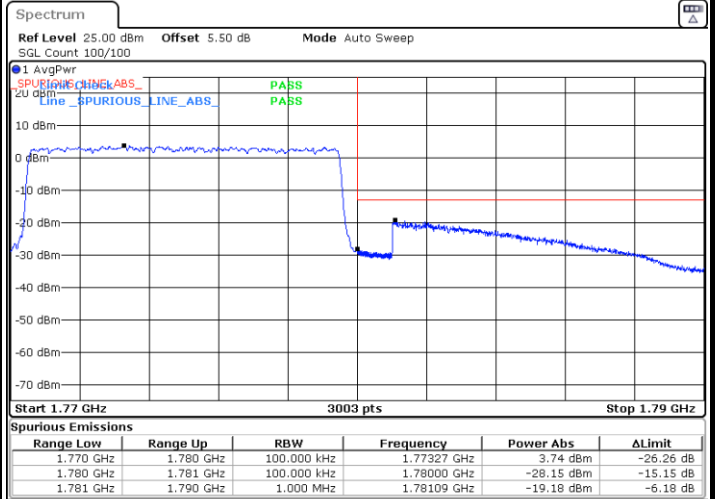
Date: 28 JUL 2023 22:49:55

Lowest Band Edge / Full RB



Date: 28 JUL 2023 22:43:18

Highest Band Edge / Full RB

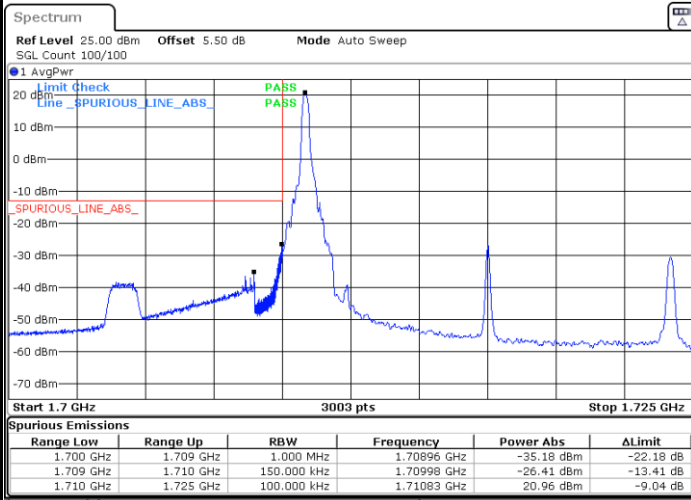


Date: 28 JUL 2023 22:50:43



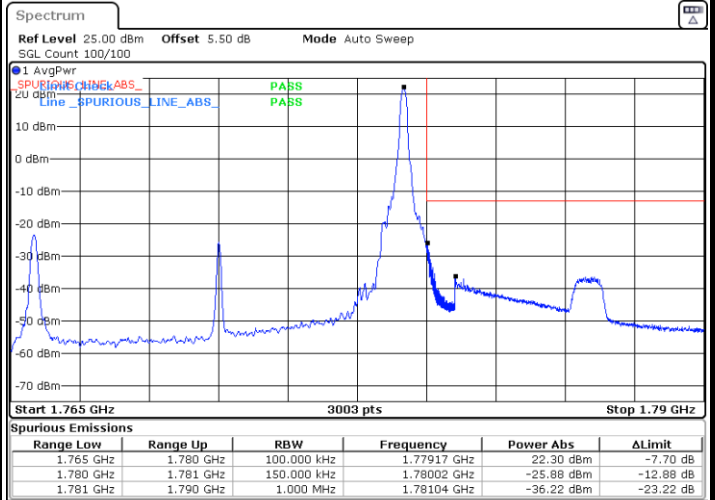
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



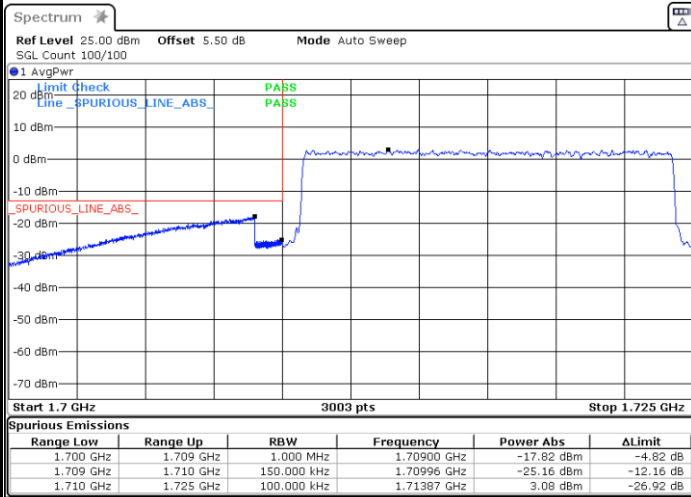
Date: 28 JUL 2023 22:56:03

Highest Band Edge / 1 RB



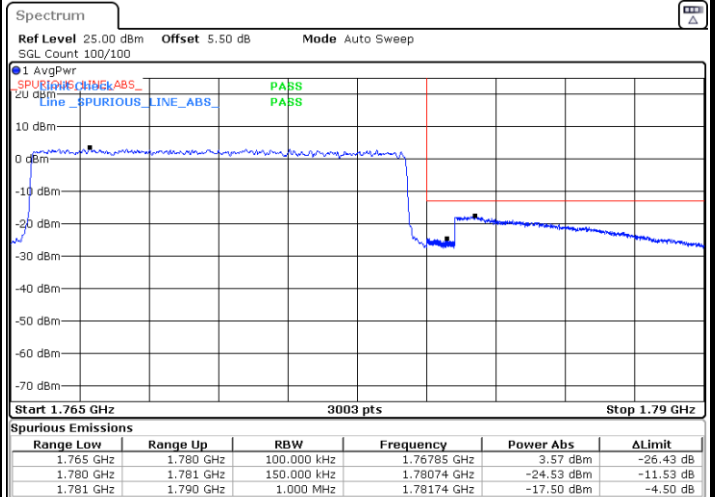
Date: 28 JUL 2023 23:03:12

Lowest Band Edge / Full RB



Date: 28 JUL 2023 22:57:43

Highest Band Edge / Full RB

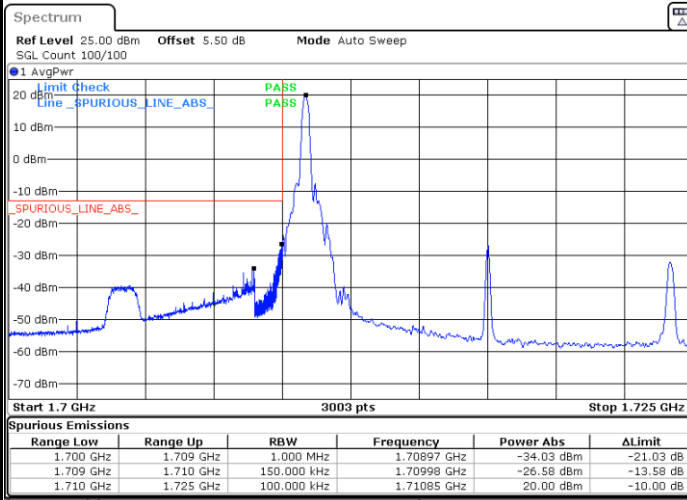


Date: 28 JUL 2023 23:05:04



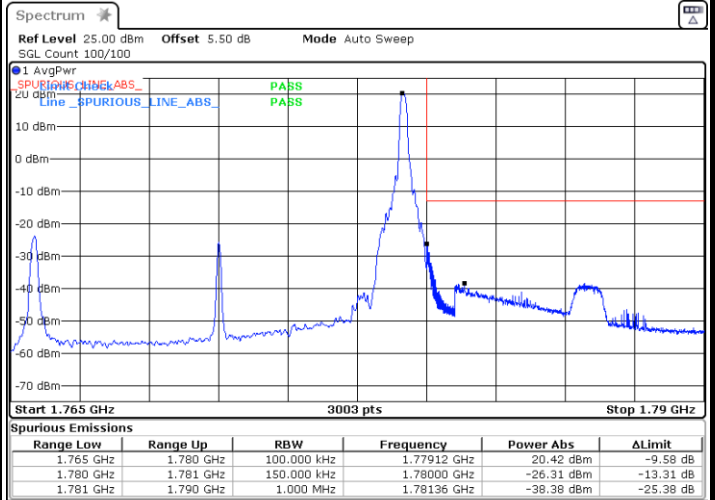
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



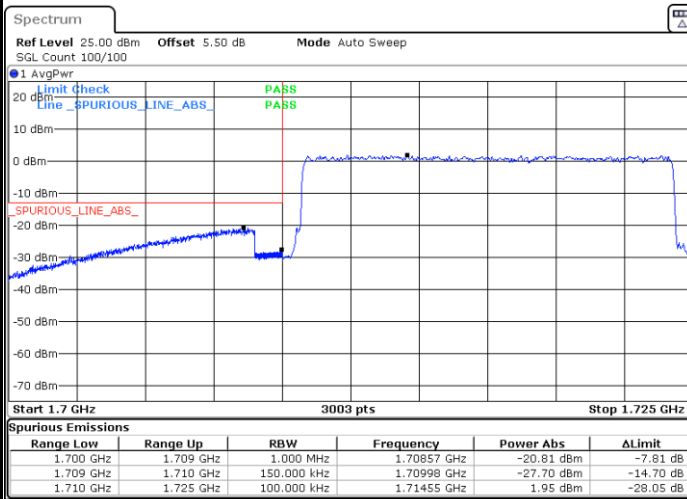
Date: 28 JUL 2023 22:56:31

Highest Band Edge / 1 RB



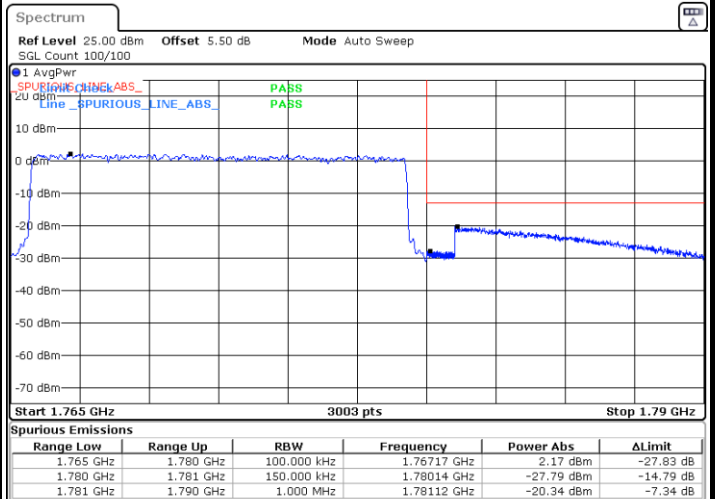
Date: 28 JUL 2023 23:03:54

Lowest Band Edge / Full RB



Date: 28 JUL 2023 22:57:01

Highest Band Edge / Full RB



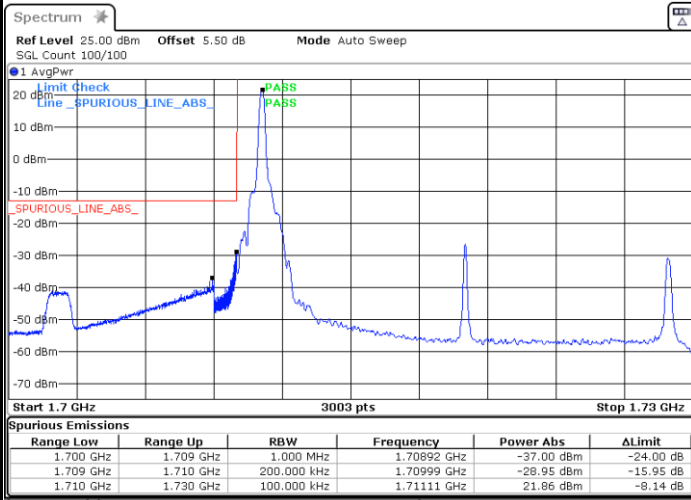
Date: 28 JUL 2023 23:04:27





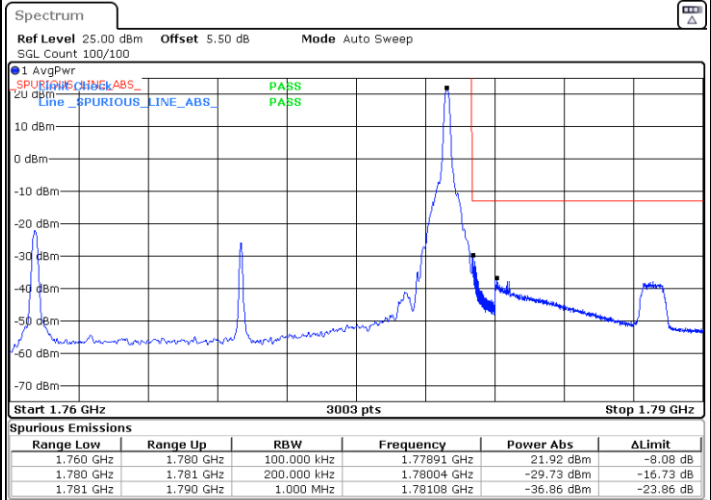
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



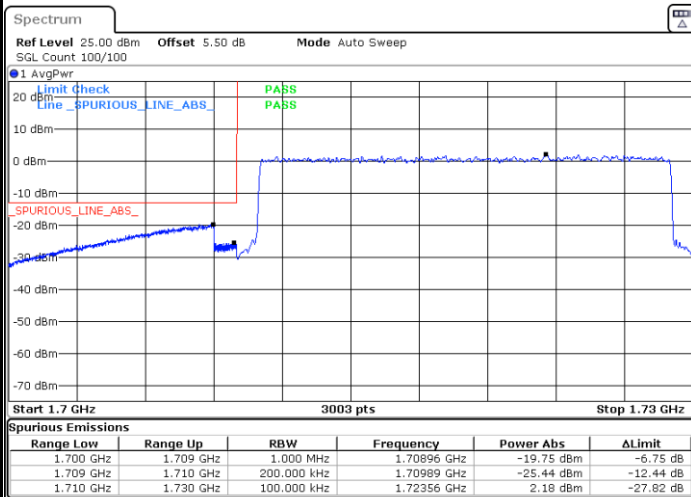
Date: 28 JUL 2023 23:24:54

Highest Band Edge / 1 RB



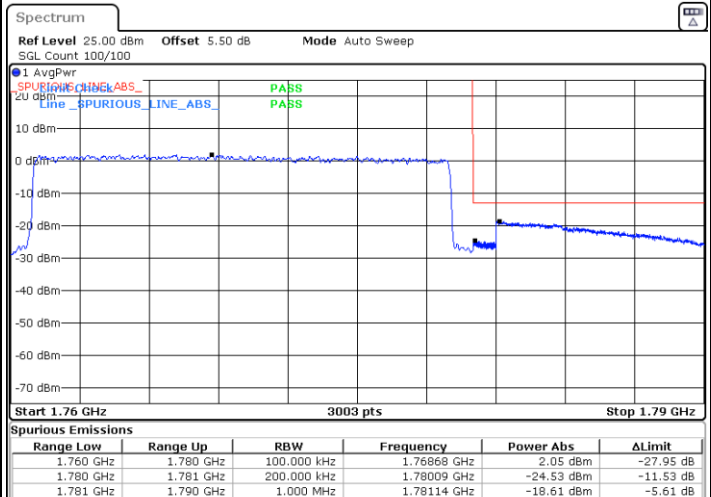
Date: 28 JUL 2023 23:36:03

Lowest Band Edge / Full RB



Date: 28 JUL 2023 23:25:52

Highest Band Edge / Full RB

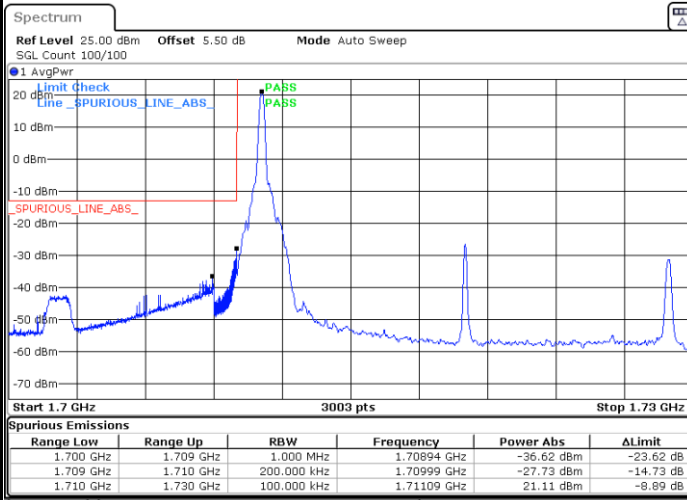


Date: 28 JUL 2023 23:37:39



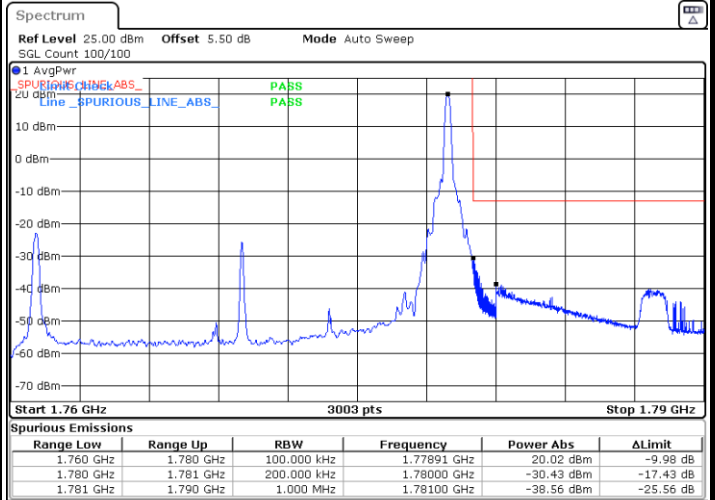
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



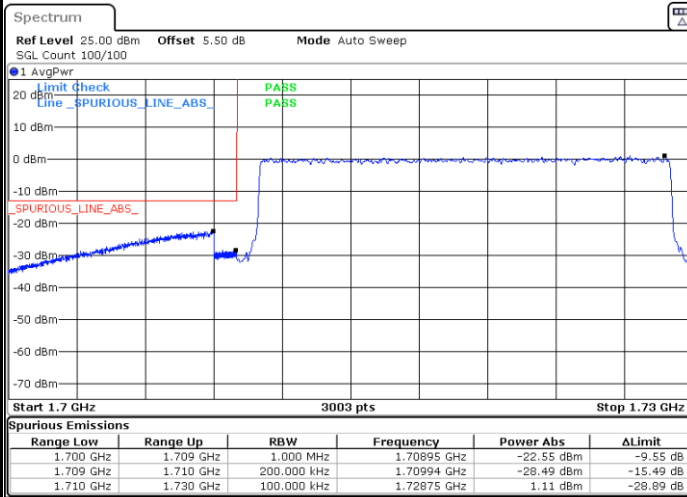
Date: 28 JUL 2023 23:25:22

Highest Band Edge / 1 RB



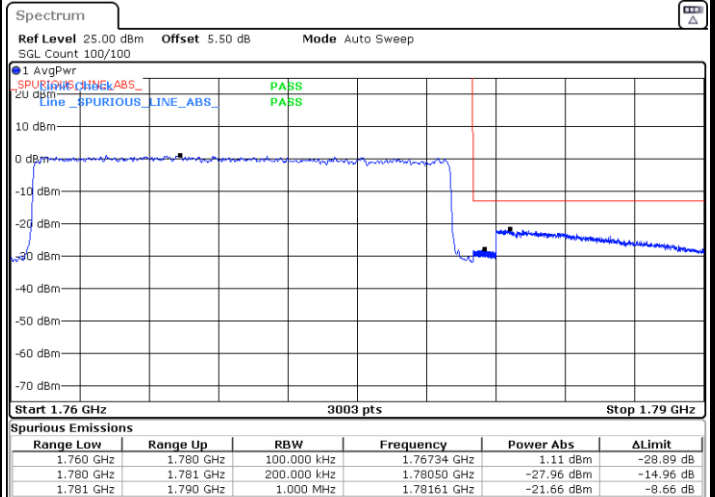
Date: 28 JUL 2023 23:36:32

Lowest Band Edge / Full RB



Date: 28 JUL 2023 23:26:20

Highest Band Edge / Full RB



Date: 28 JUL 2023 23:37:05

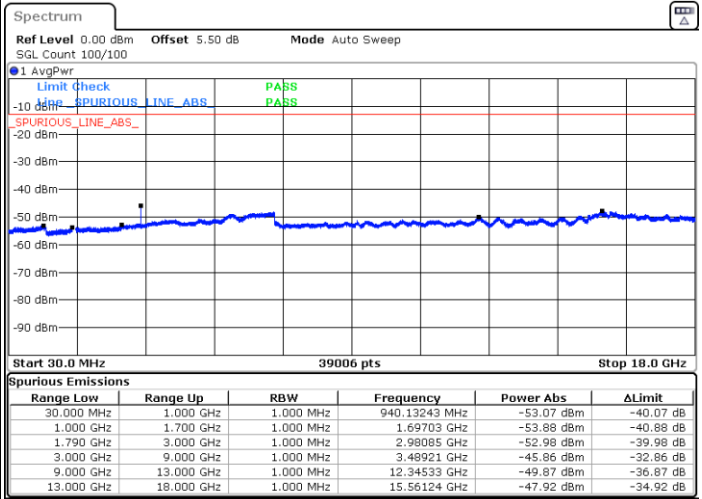
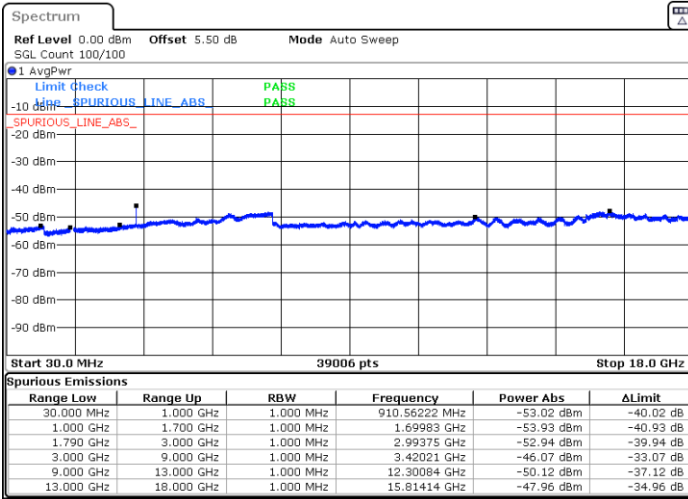


# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK

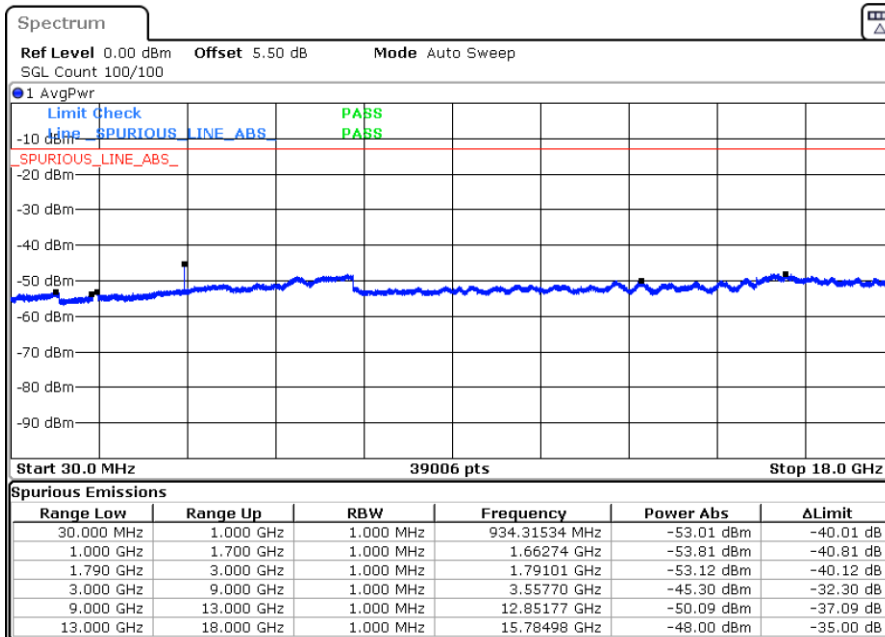
### Middle Channel / QPSK



Date: 28 JUL 2023 21:26:24

Date: 28 JUL 2023 21:40:40

### Highest Channel / QPSK

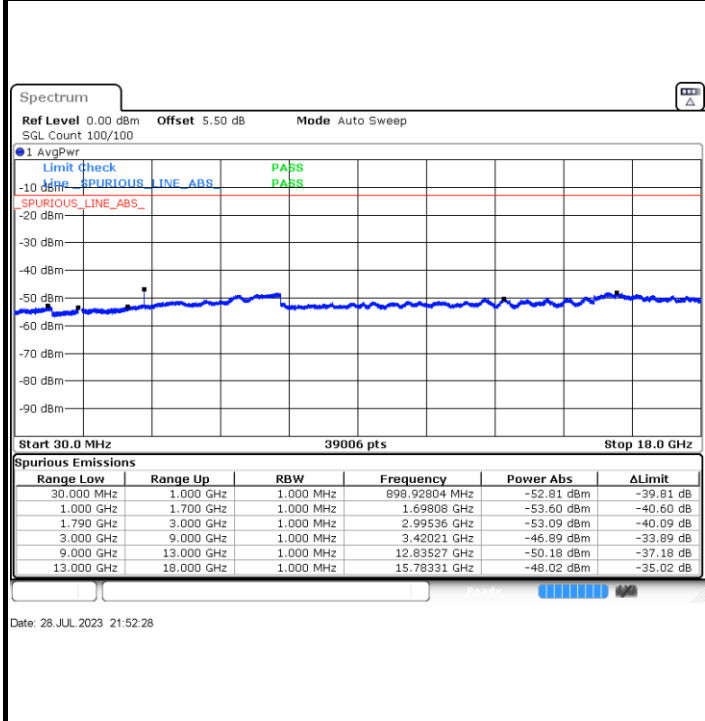


Date: 28 JUL 2023 21:42:01

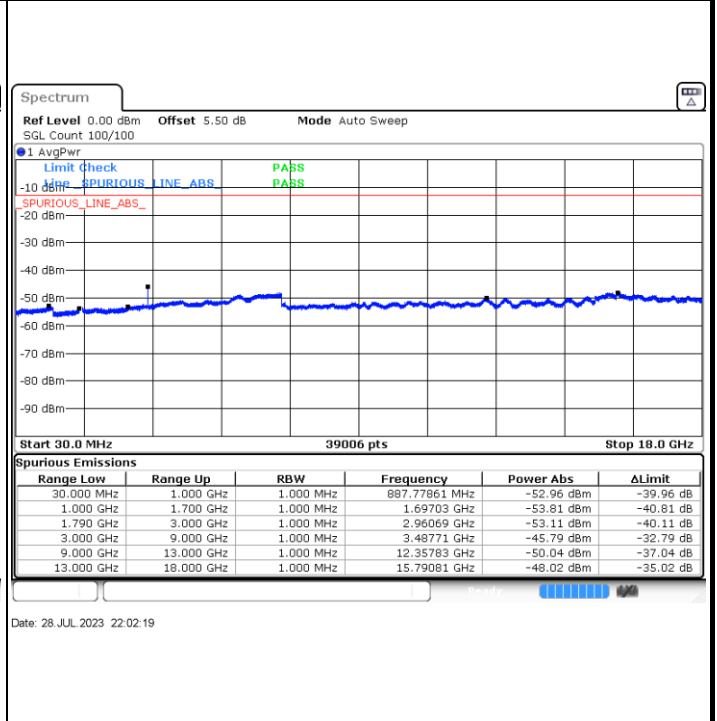


**LTE Band 66 / 3MHz**

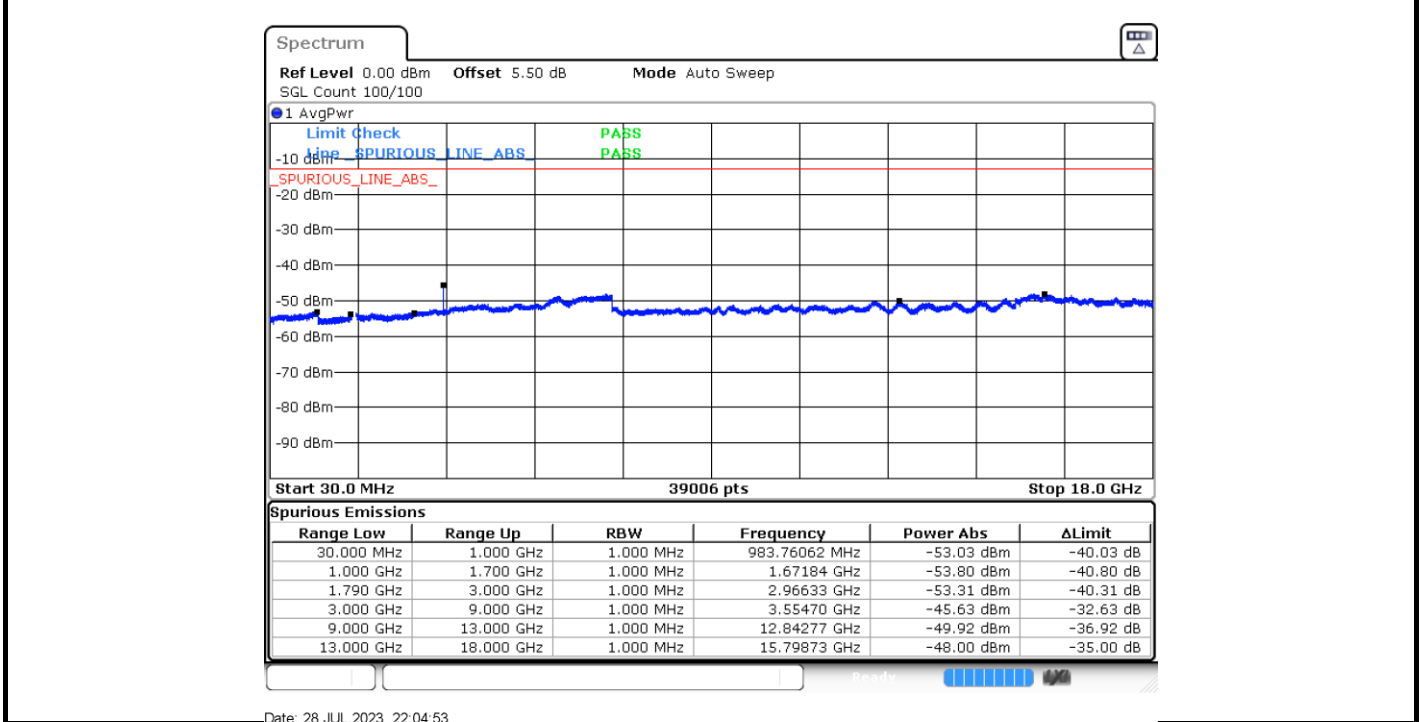
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



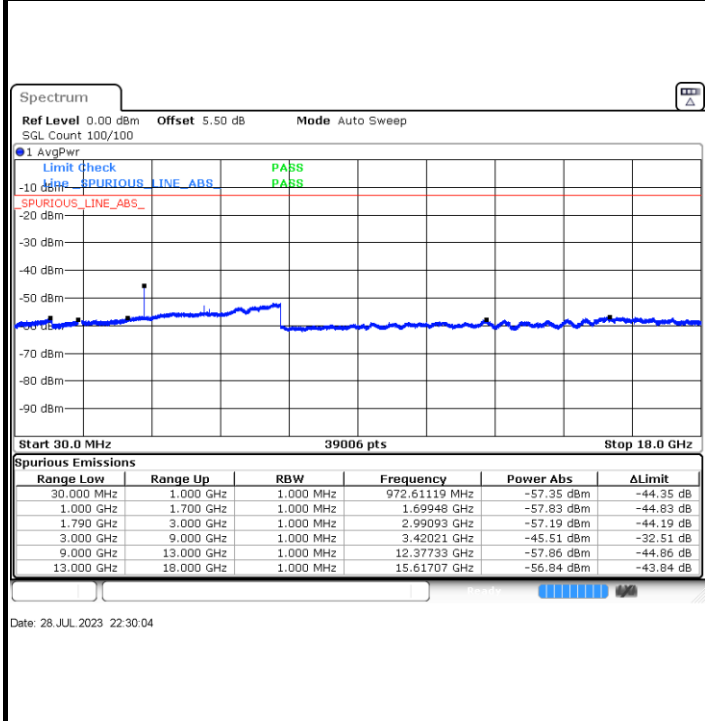
**Highest Channel / QPSK**



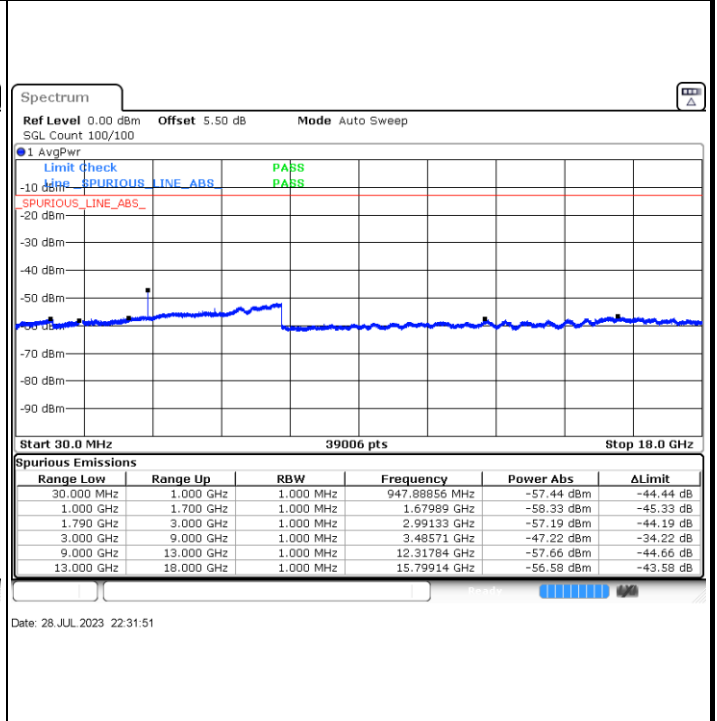


**LTE Band 66 / 5MHz**

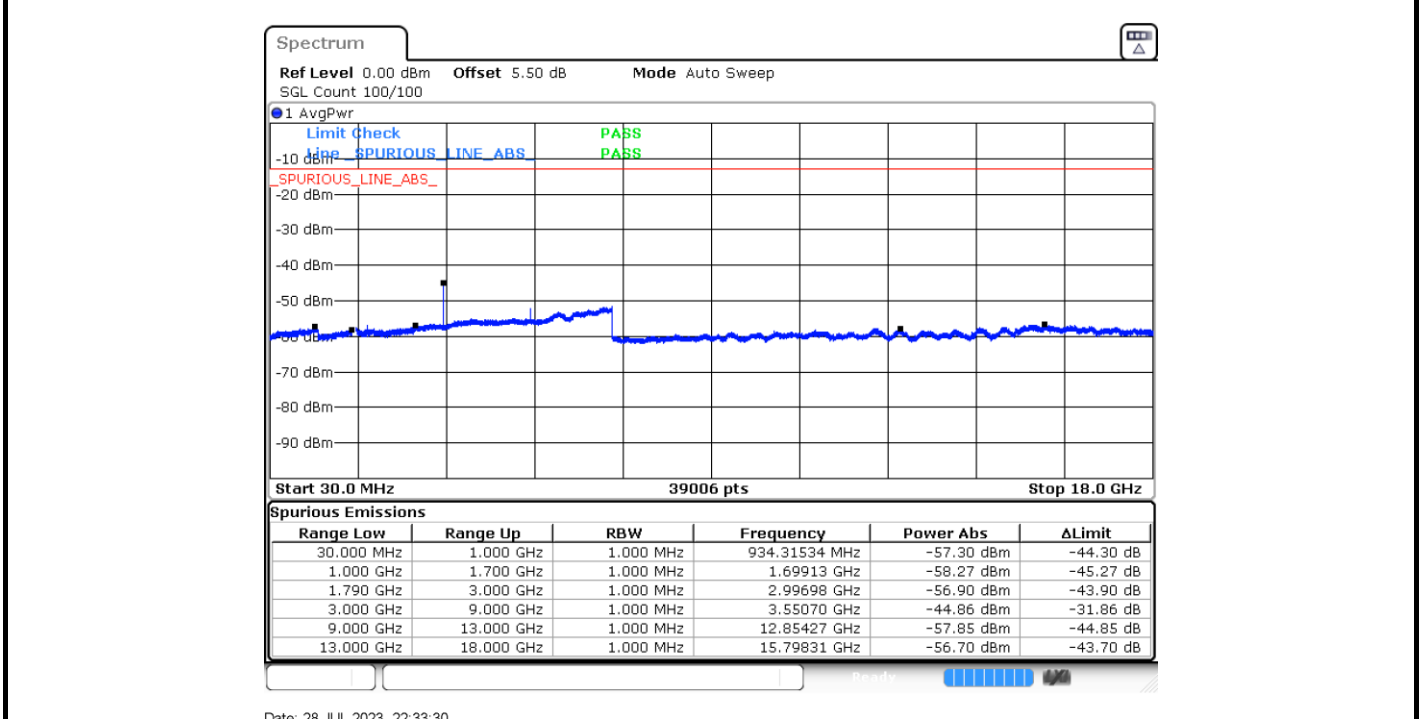
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



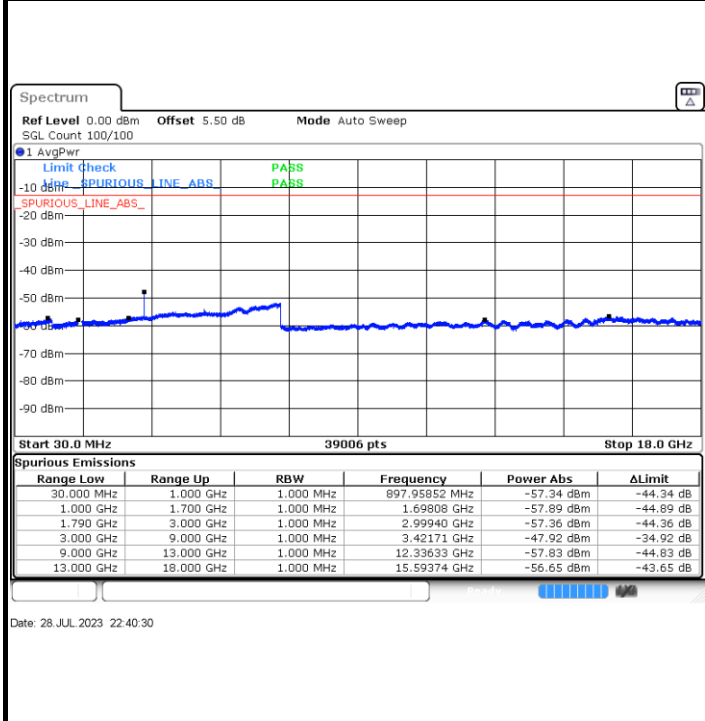
**Highest Channel / QPSK**



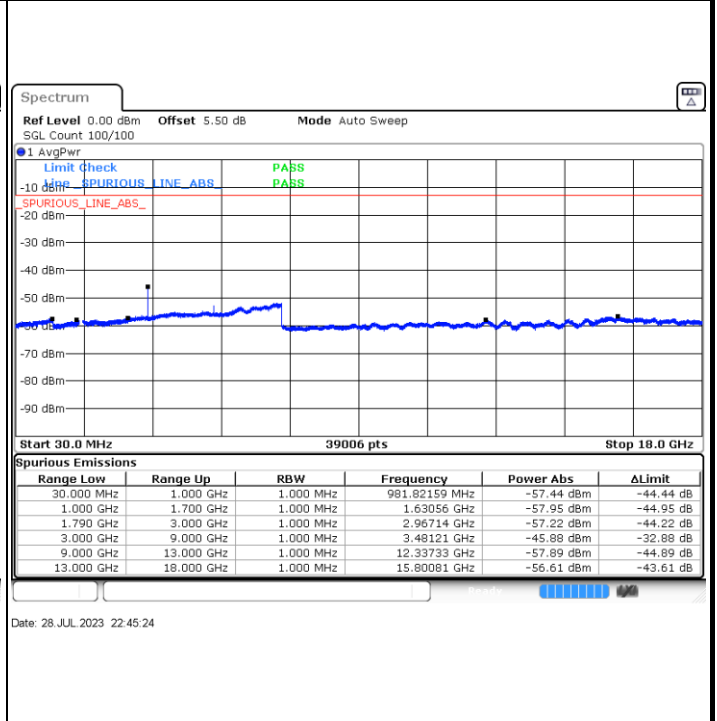


**LTE Band 66 / 10MHz**

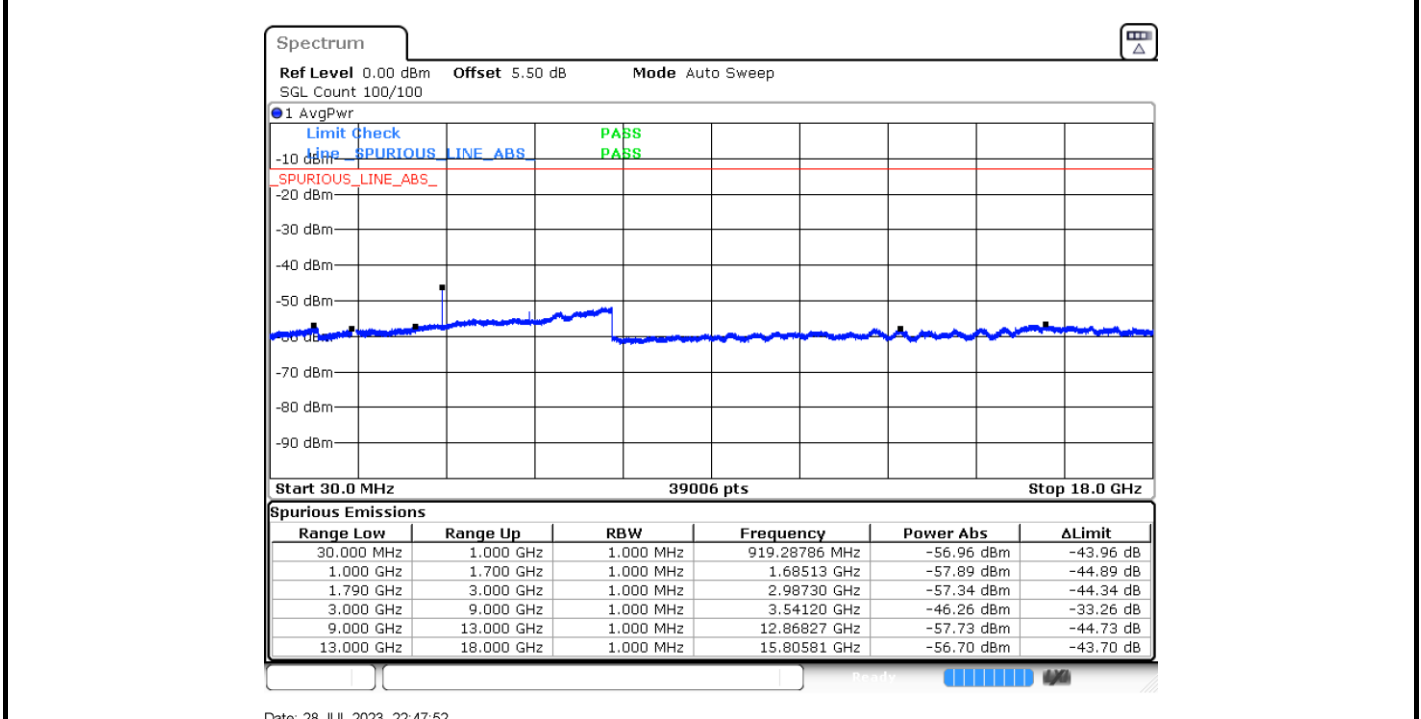
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

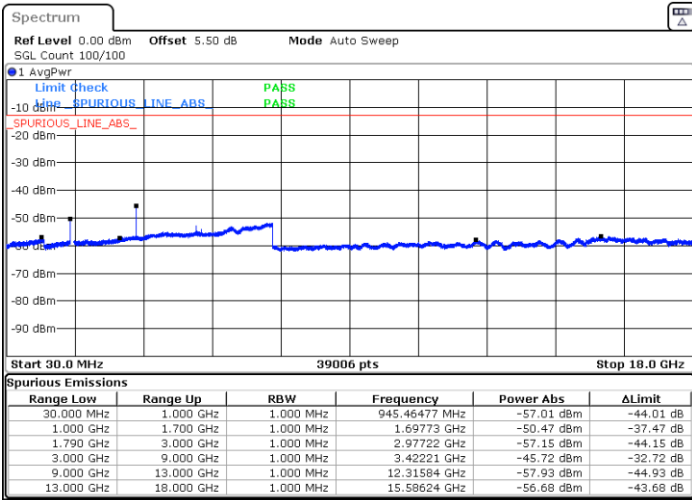




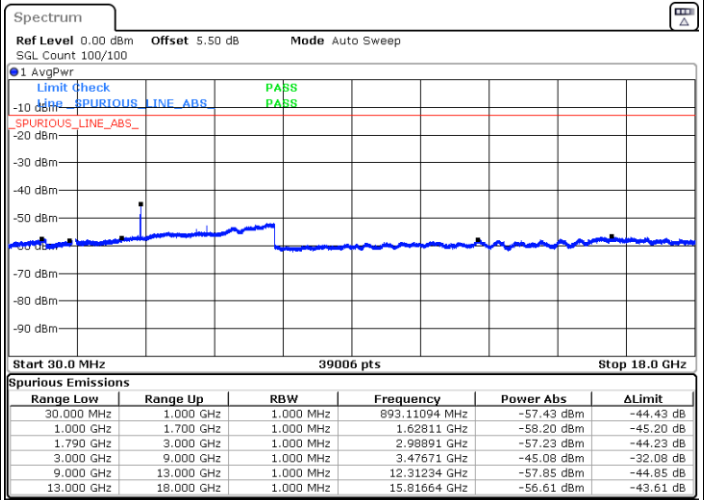
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

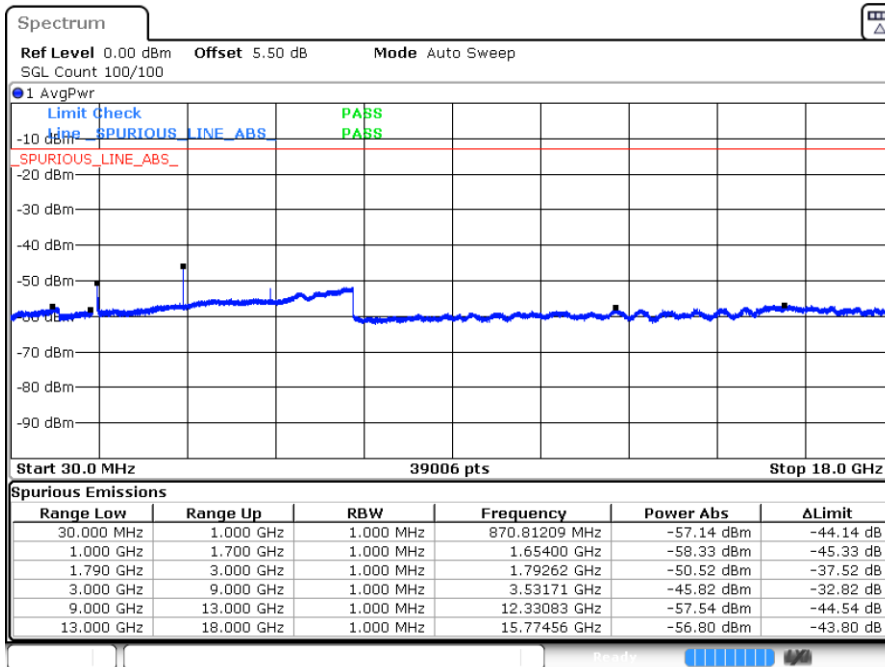


Date: 28 JUL 2023 22:55:30



Date: 28 JUL 2023 23:00:42

Highest Channel / QPSK



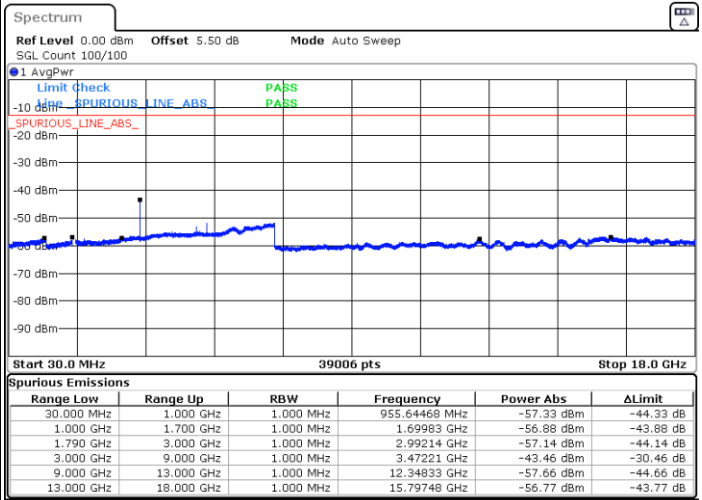
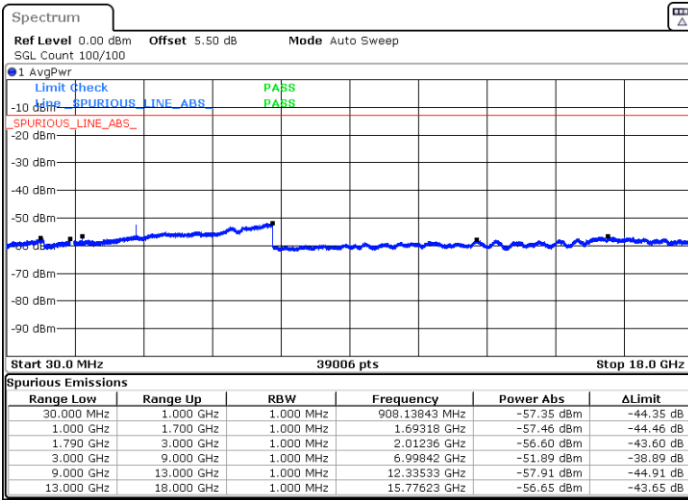
Date: 28 JUL 2023 23:02:25



LTE Band 66 / 20MHz

Lowest Channel / QPSK

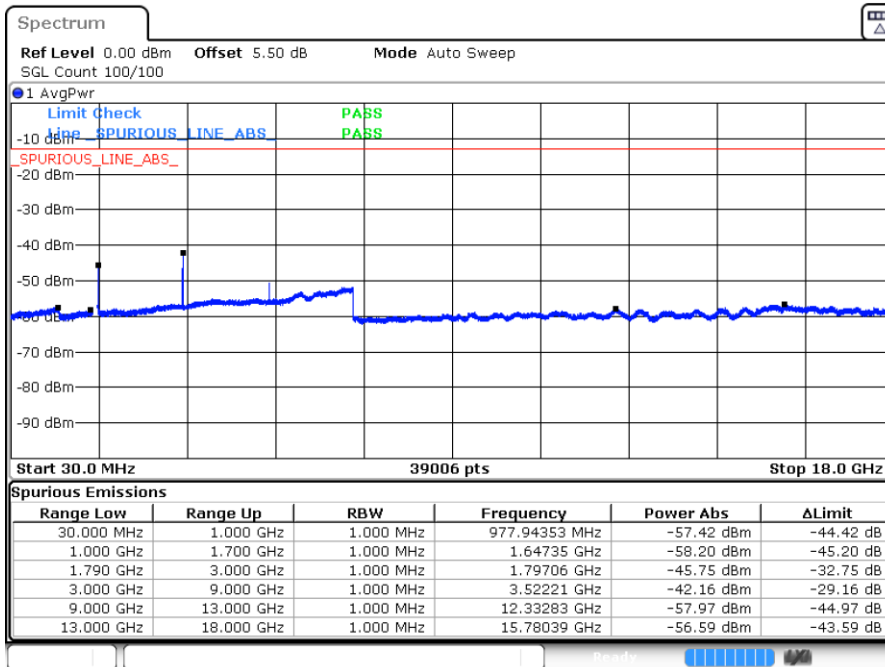
Middle Channel / QPSK



Date: 28 JUL 2023 23:23:42

Date: 28 JUL 2023 23:29:43

Highest Channel / QPSK



Date: 28 JUL 2023 23:34:32





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	0.0012	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0052	
-20	Normal Voltage	0.0038	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0016	

Note:

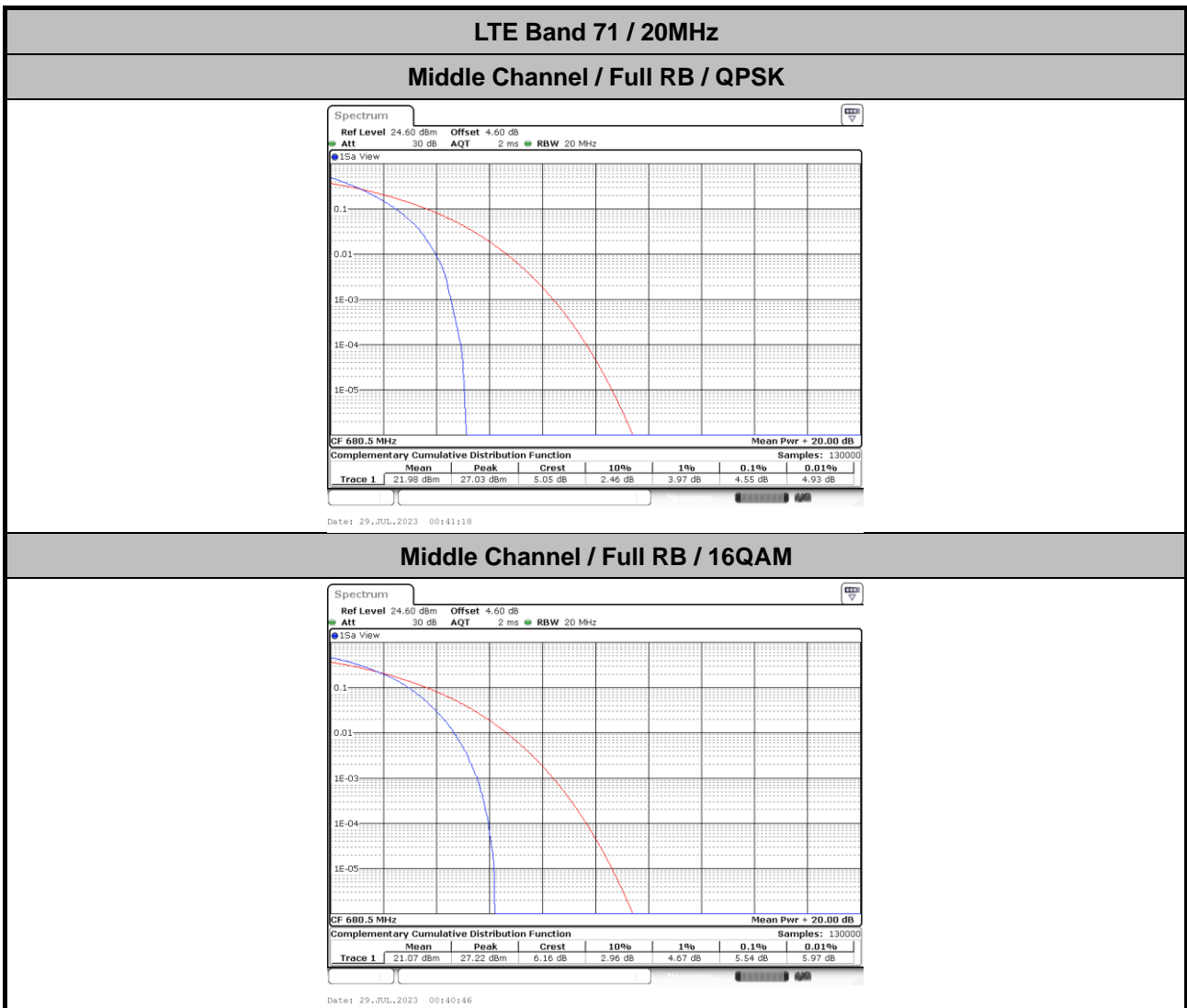
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 71

## Peak-to-Average Ratio

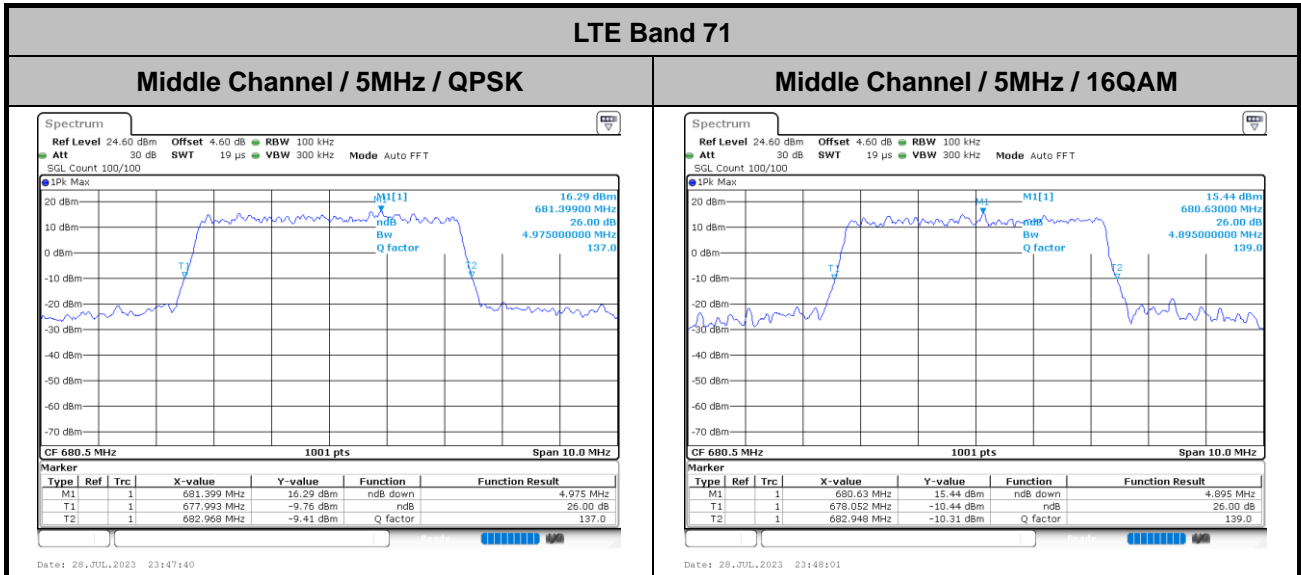
Mode	LTE Band 71 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	4.55	5.54	PASS





## 26dB Bandwidth

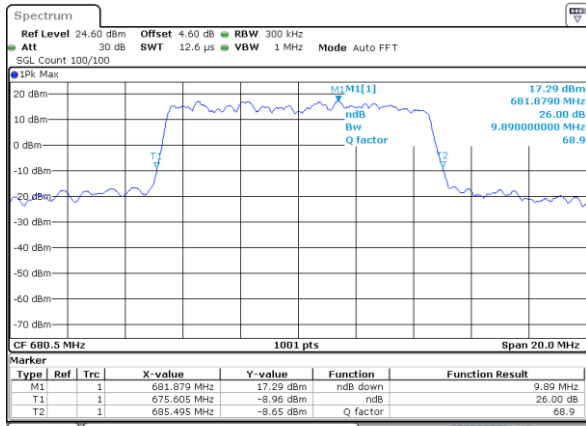
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.98	4.90
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.89	9.73
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.30	14.42
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.30	19.10





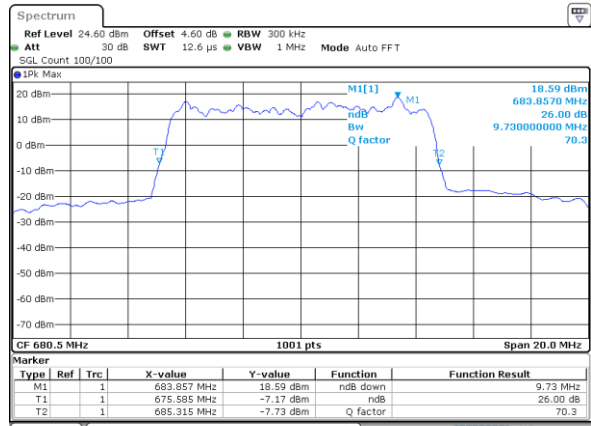
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 29\_JUL\_2023 00:00:46

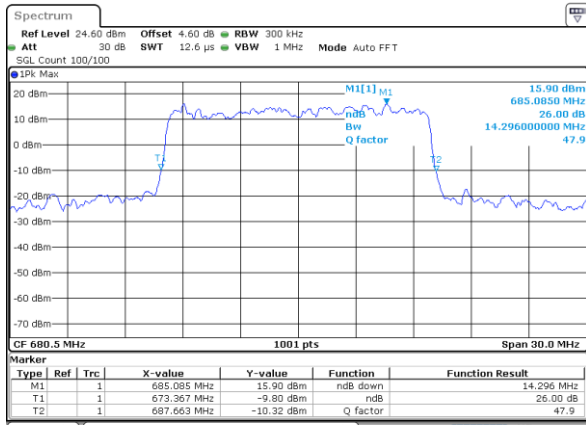
Middle Channel / 10MHz / 16QAM



Date: 29\_JUL\_2023 00:01:07

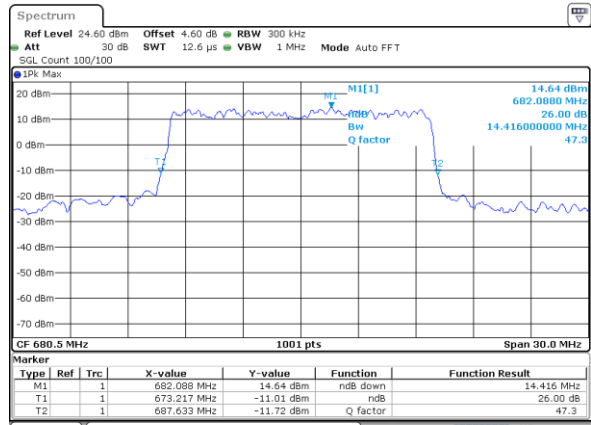
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 29\_JUL\_2023 00:16:10

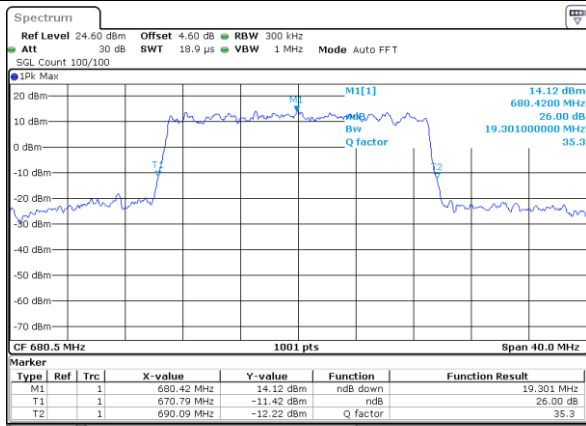
Middle Channel / 15MHz / 16QAM



Date: 29\_JUL\_2023 00:16:11

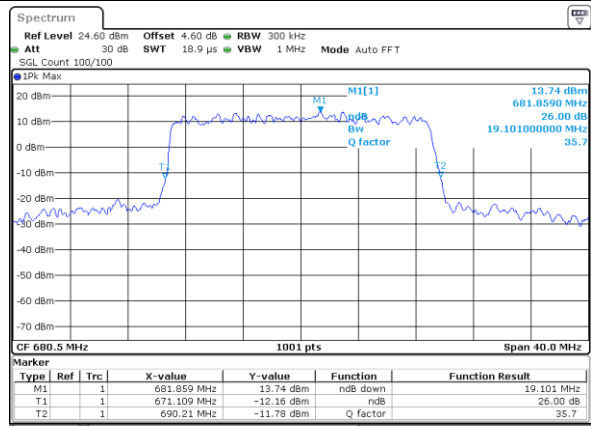
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 29\_JUL\_2023 00:13:12

Middle Channel / 20MHz / 16QAM

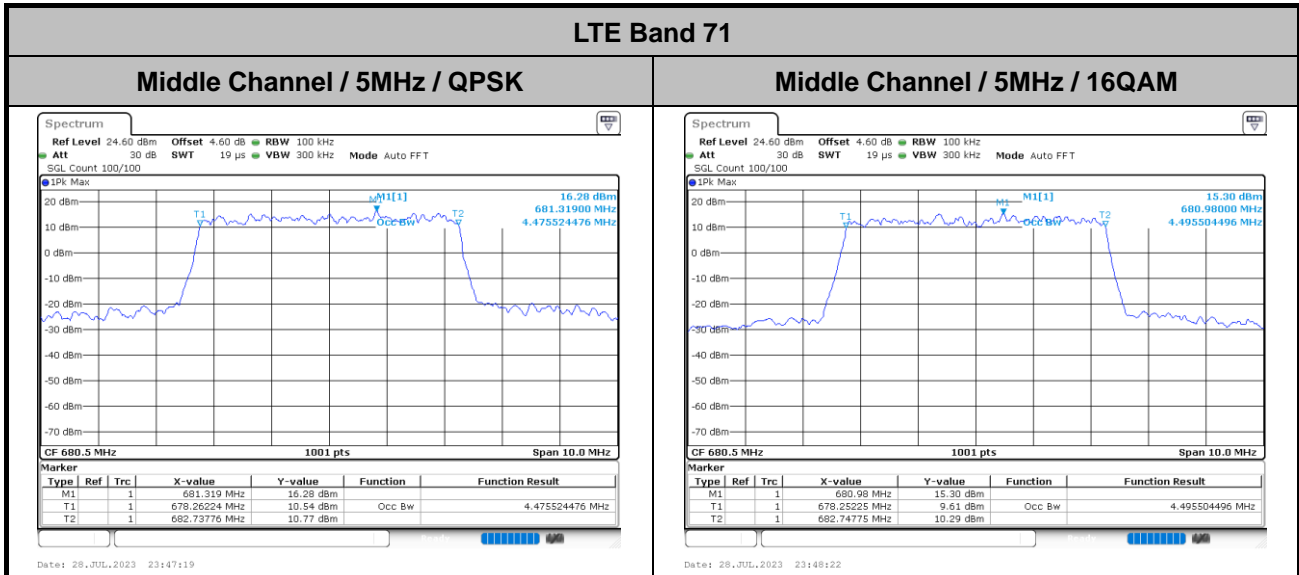


Date: 29\_JUL\_2023 00:40:11



# Occupied Bandwidth

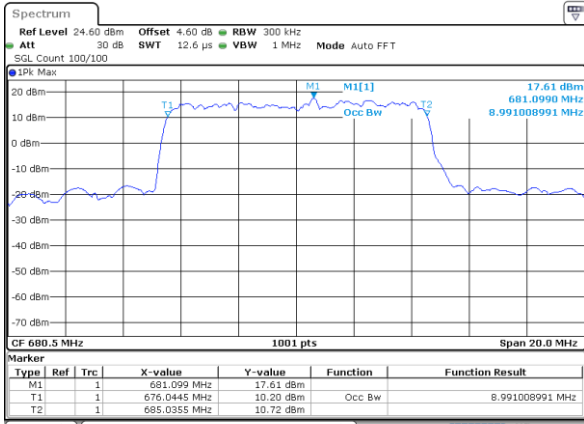
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.50
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	9.01
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.37	13.46
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.82	17.82





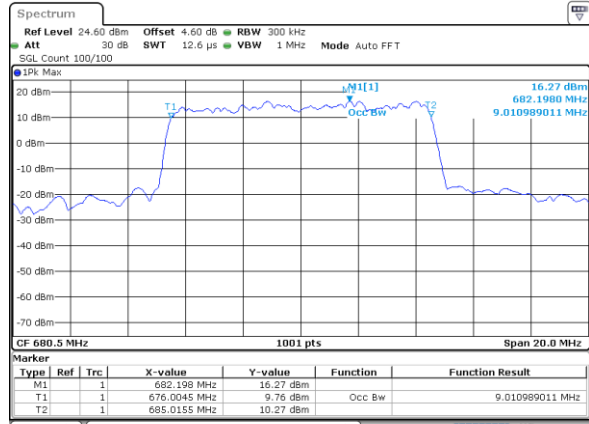
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 29\_JUL\_2023 00:00:25

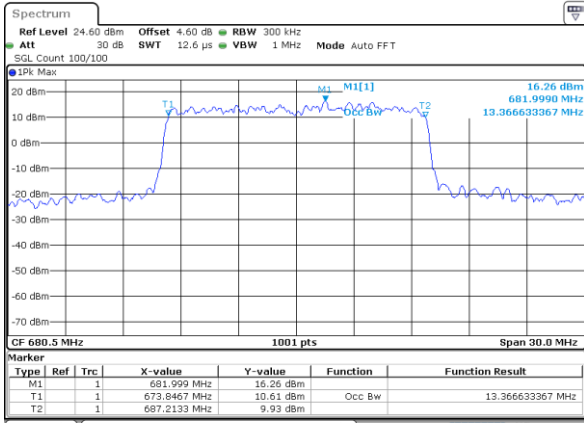
Middle Channel / 10MHz / 16QAM



Date: 29\_JUL\_2023 00:01:28

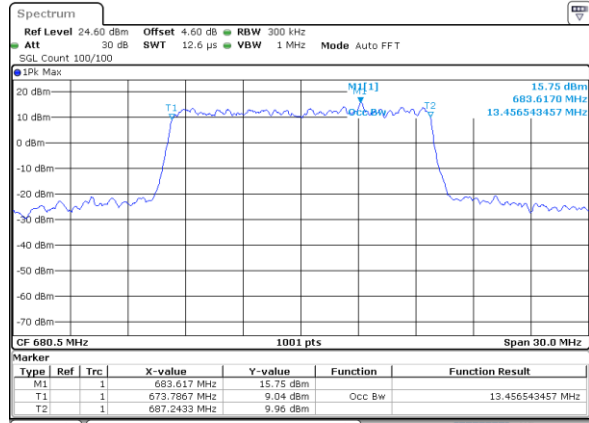
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 29\_JUL\_2023 00:15:49

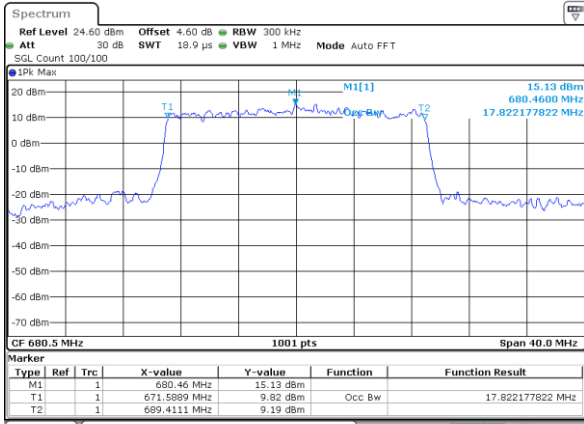
Middle Channel / 15MHz / 16QAM



Date: 29\_JUL\_2023 00:16:52

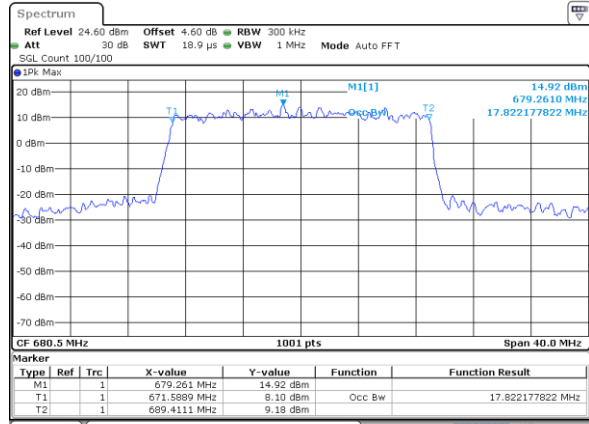
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 29\_JUL\_2023 00:13:14

Middle Channel / 20MHz / 16QAM



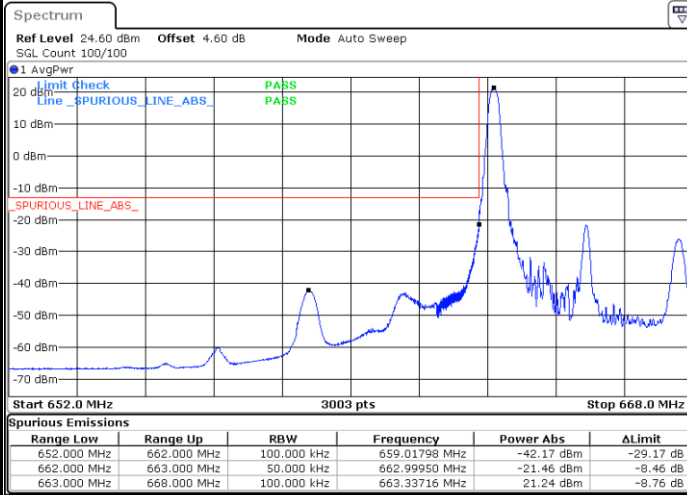
Date: 29\_JUL\_2023 00:13:53



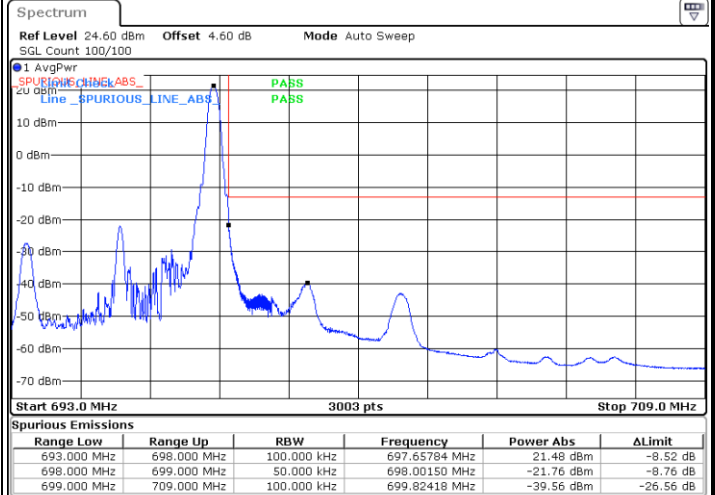
# Conducted Band Edge

## LTE Band 71 / 5MHz / QPSK

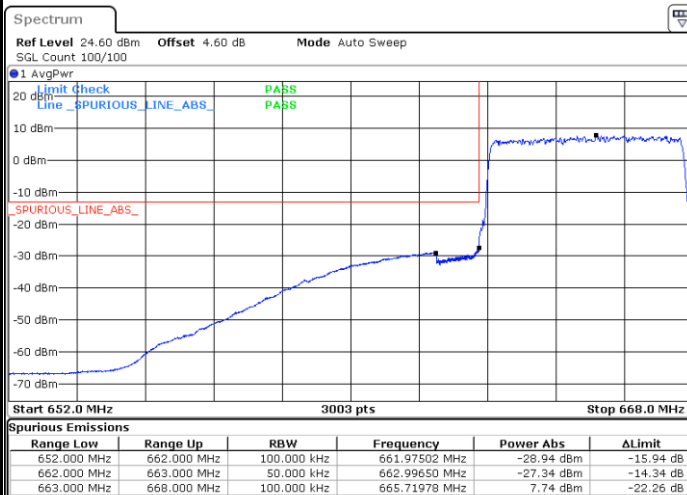
### Lowest Band Edge / 1 RB



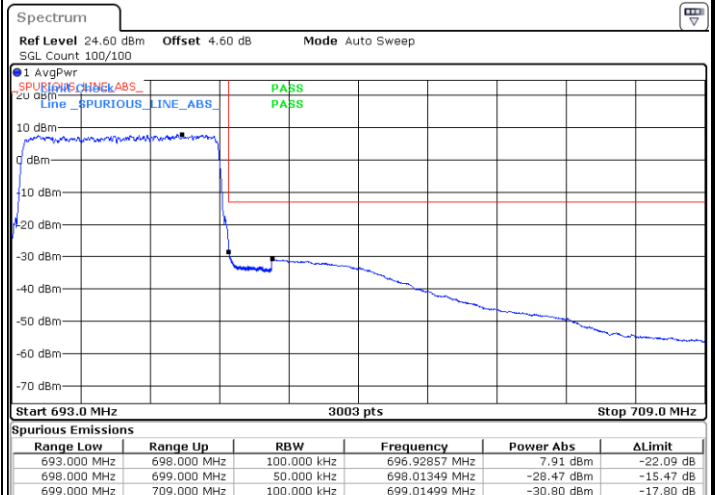
### Highest Band Edge / 1 RB



### Lowest Band Edge / Full RB



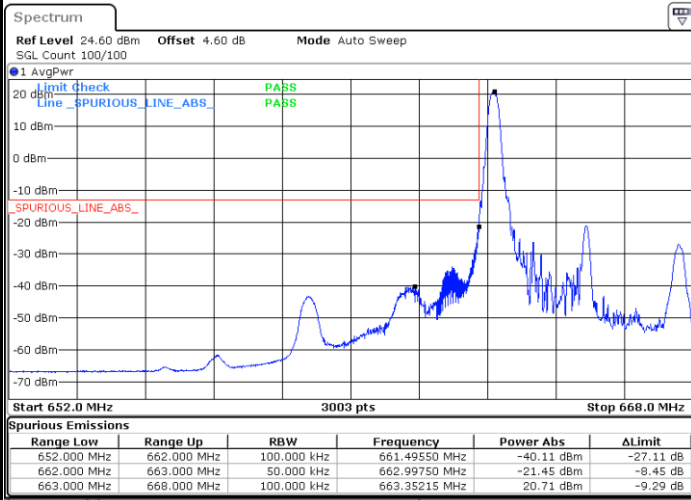
### Highest Band Edge / Full RB





LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.49550 MHz	-40.11 dBm	-27.11 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99750 MHz	-21.45 dBm	-8.45 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.35215 MHz	20.71 dBm	-9.29 dB

Date: 28.JUL.2023 23:43:59

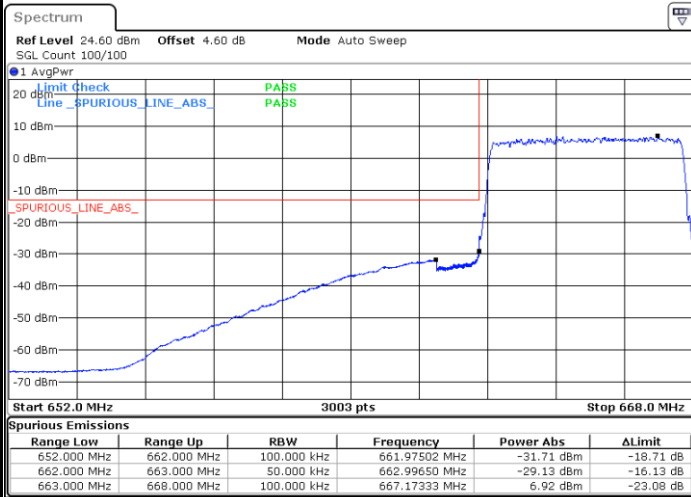
Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.64286 MHz	21.02 dBm	-8.98 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00549 MHz	-22.86 dBm	-9.86 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.80420 MHz	-39.31 dBm	-26.31 dB

Date: 28.JUL.2023 23:51:20

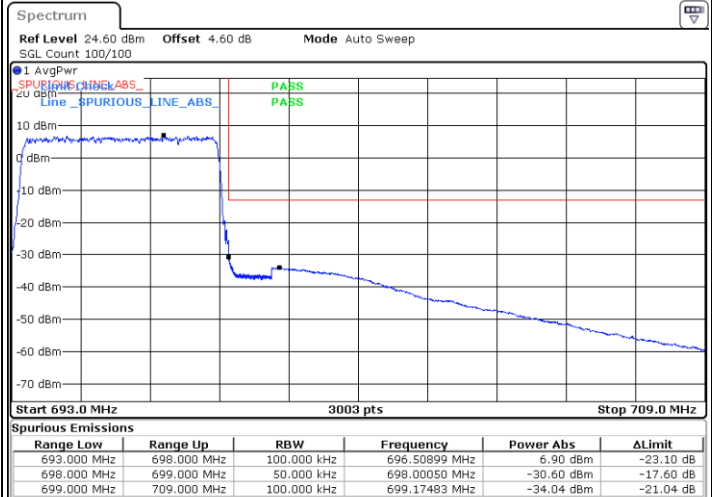
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.97502 MHz	-31.71 dBm	-18.71 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99650 MHz	-29.13 dBm	-16.13 dB
663.000 MHz	668.000 MHz	100.000 kHz	667.17333 MHz	6.92 dBm	-23.08 dB

Date: 28.JUL.2023 23:46:10

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	696.50899 MHz	6.90 dBm	-23.10 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00050 MHz	-30.60 dBm	-17.60 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.17483 MHz	-34.04 dBm	-21.04 dB

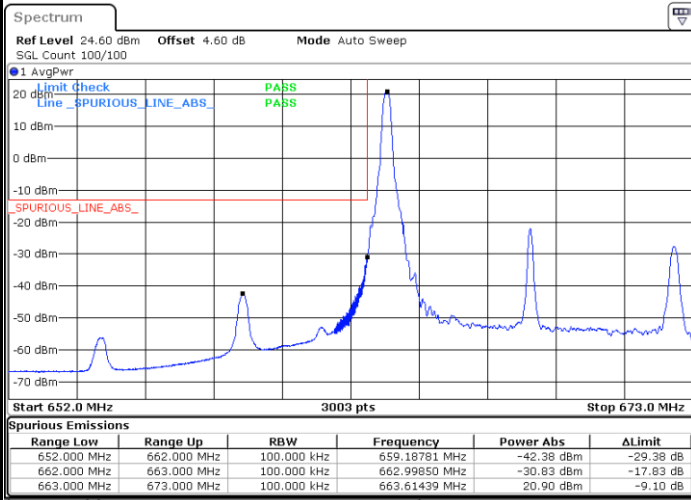
Date: 28.JUL.2023 23:53:32



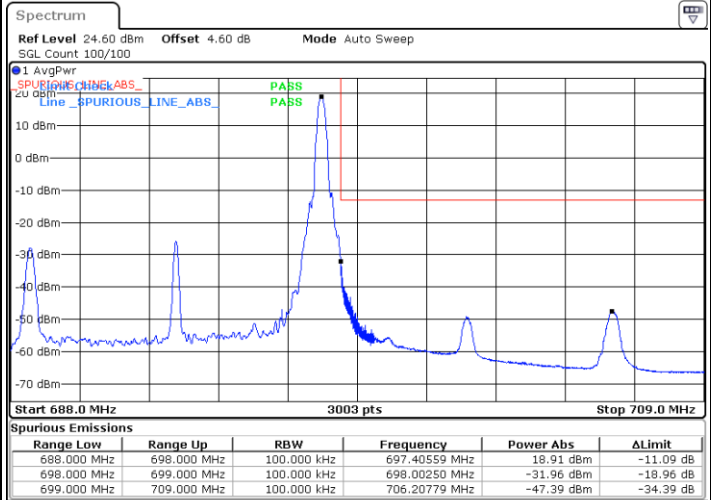


LTE Band 71 / 10MHz / QPSK

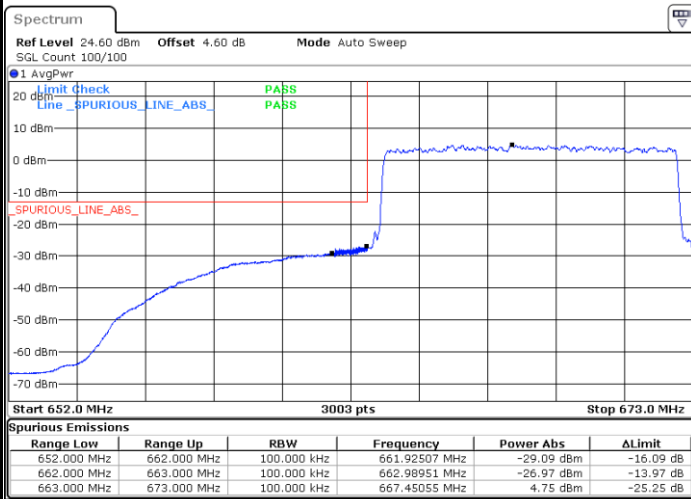
Lowest Band Edge / 1 RB



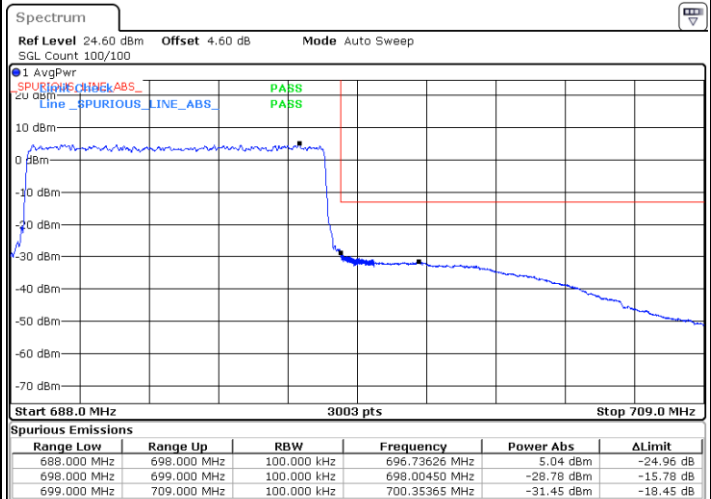
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



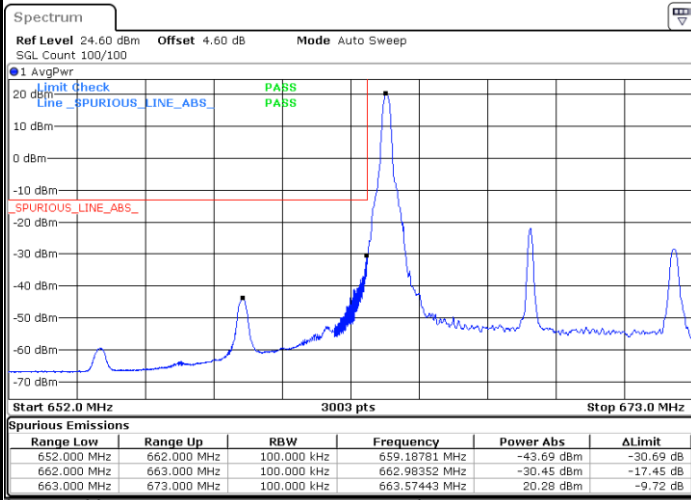
Highest Band Edge / Full RB





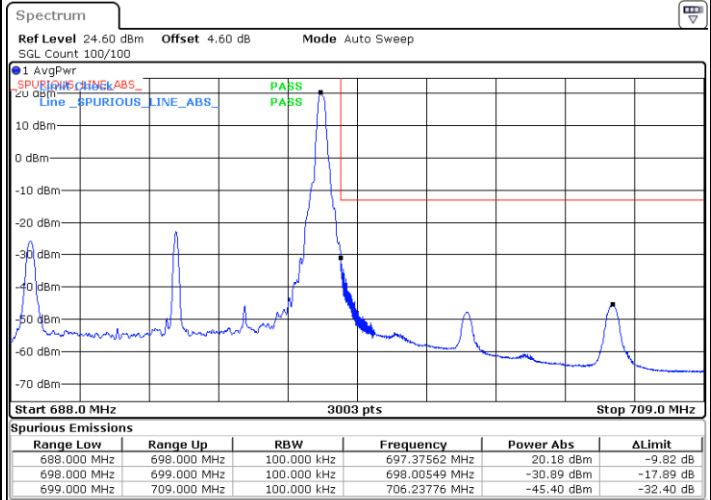
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



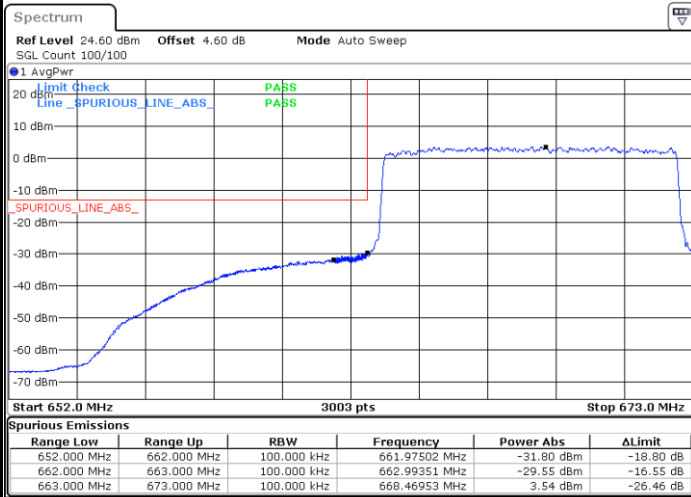
Date: 28.JUL.2023 23:58:30

Highest Band Edge / 1 RB



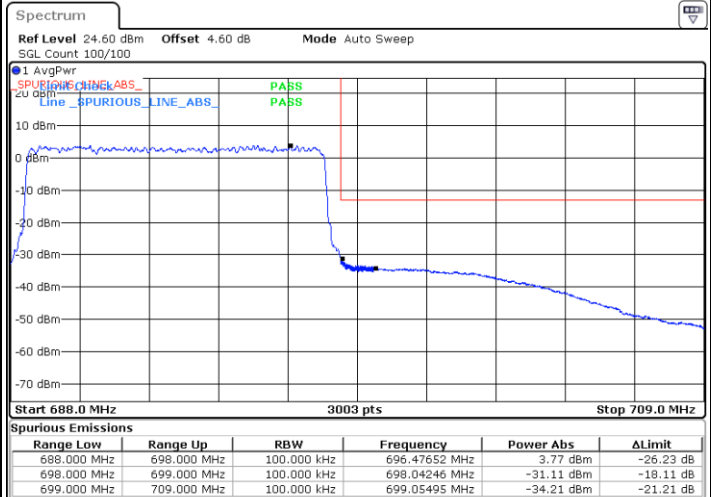
Date: 29.JUL.2023 00:04:29

Lowest Band Edge / Full RB



Date: 28.JUL.2023 23:55:43

Highest Band Edge / Full RB

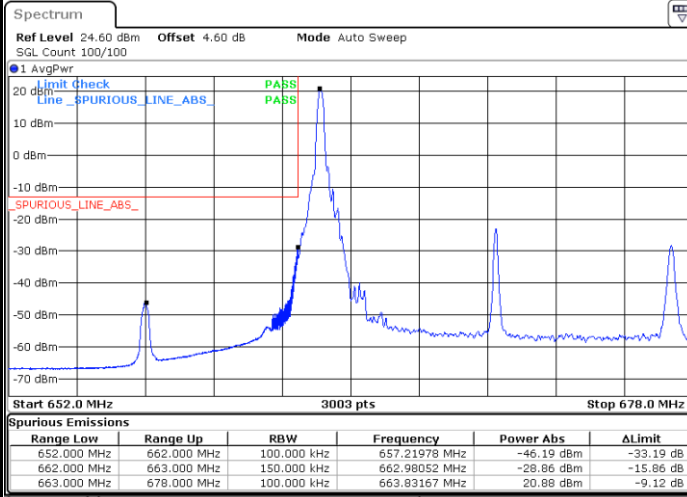


Date: 29.JUL.2023 00:06:41



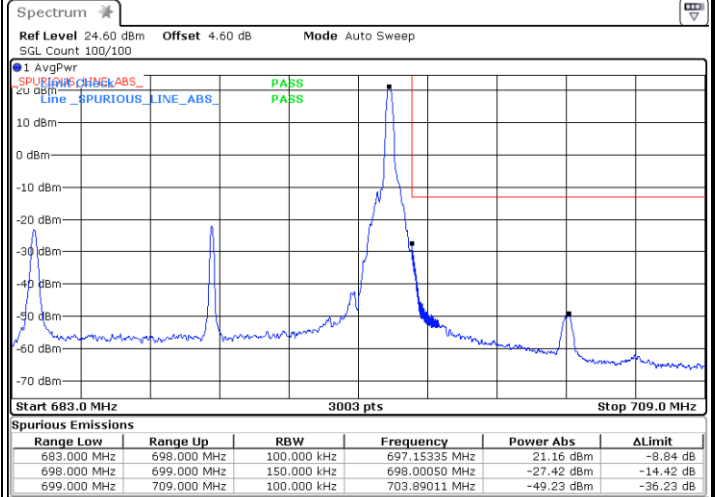
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



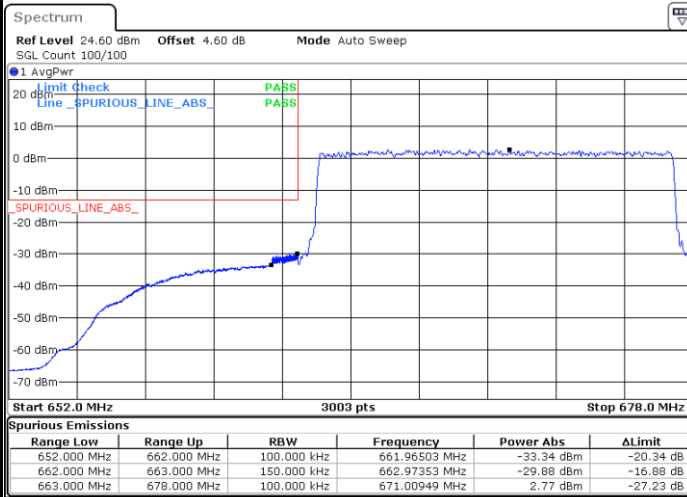
Date: 29.JUL.2023 00:11:25

Highest Band Edge / 1 RB



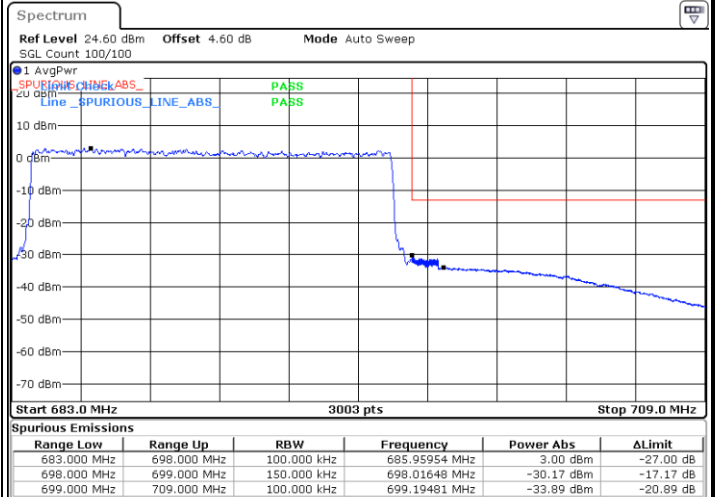
Date: 29.JUL.2023 00:43:26

Lowest Band Edge / Full RB



Date: 29.JUL.2023 00:09:14

Highest Band Edge / Full RB

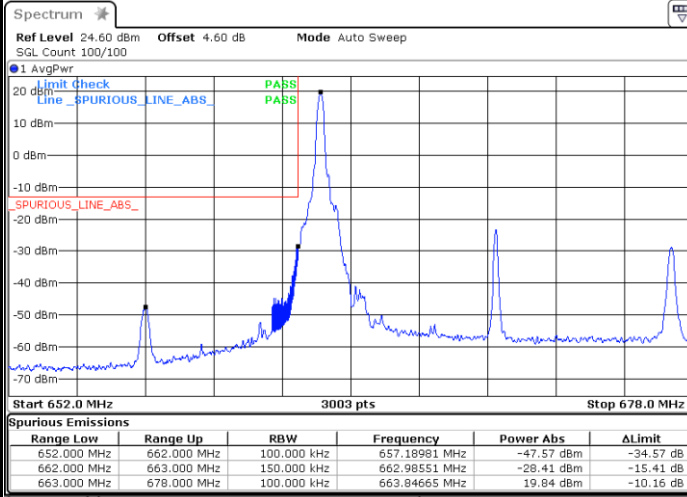


Date: 29.JUL.2023 00:21:46



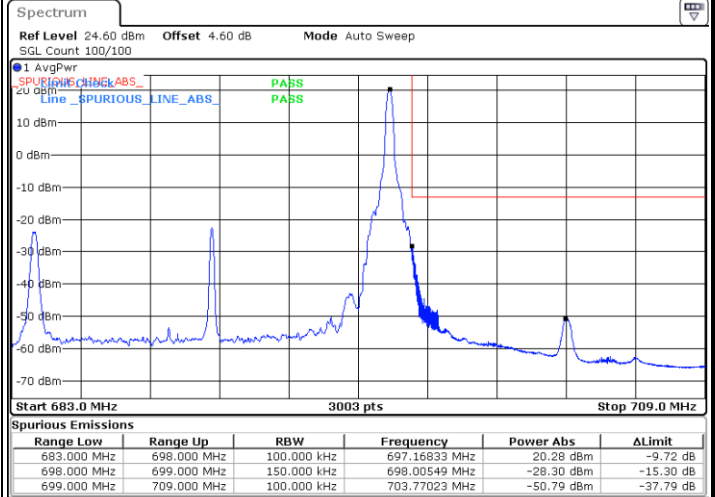
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



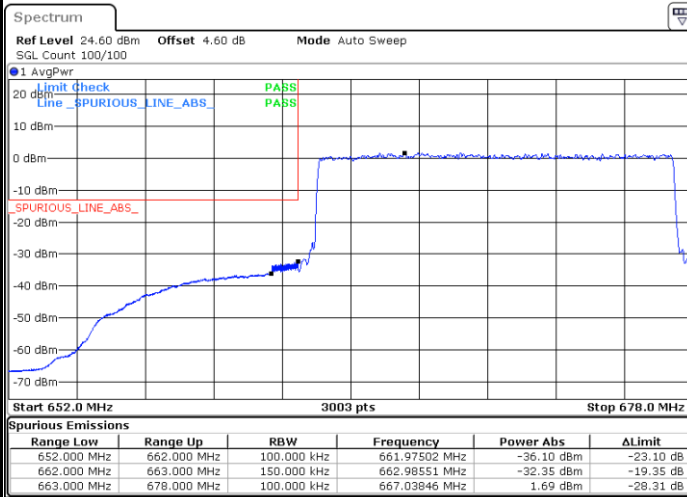
Date: 29.JUL.2023 00:42:29

Highest Band Edge / 1 RB



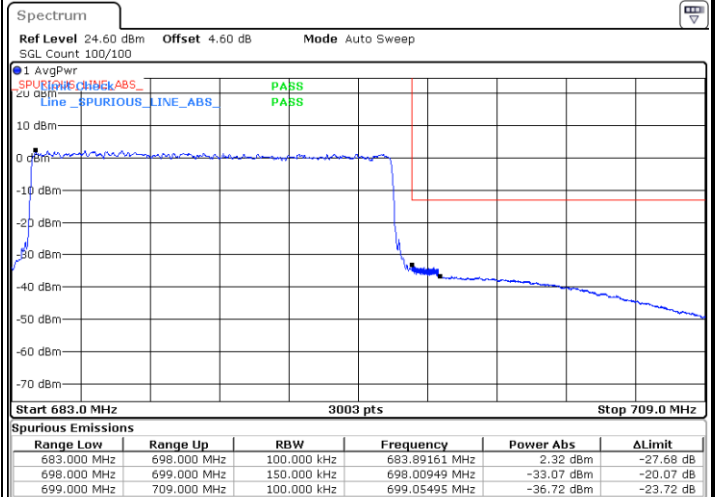
Date: 29.JUL.2023 00:19:41

Lowest Band Edge / Full RB



Date: 29.JUL.2023 00:10:20

Highest Band Edge / Full RB

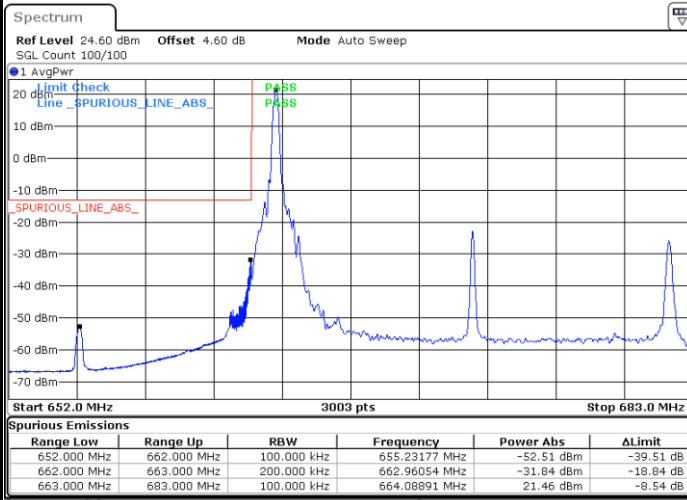


Date: 29.JUL.2023 00:23:21



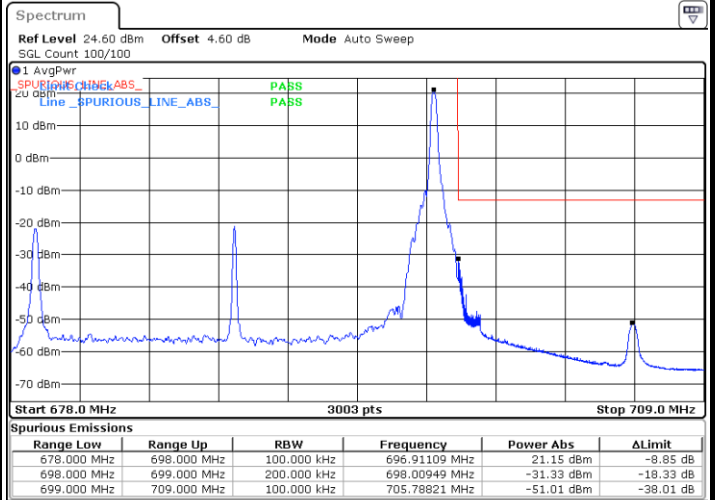
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



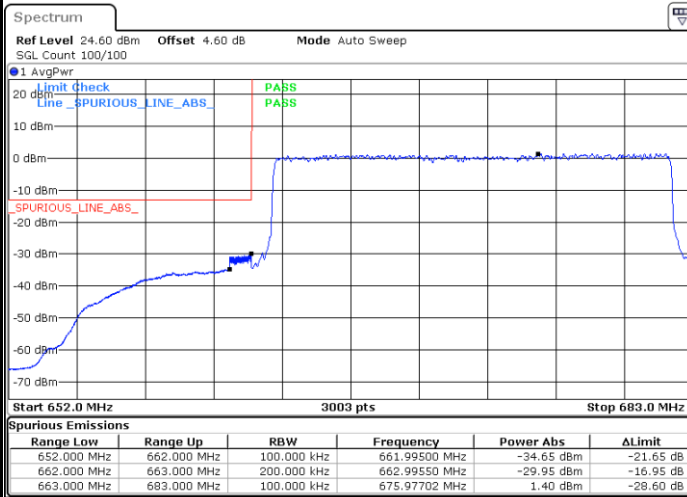
Date: 29.JUL.2023 00:26:35

Highest Band Edge / 1 RB



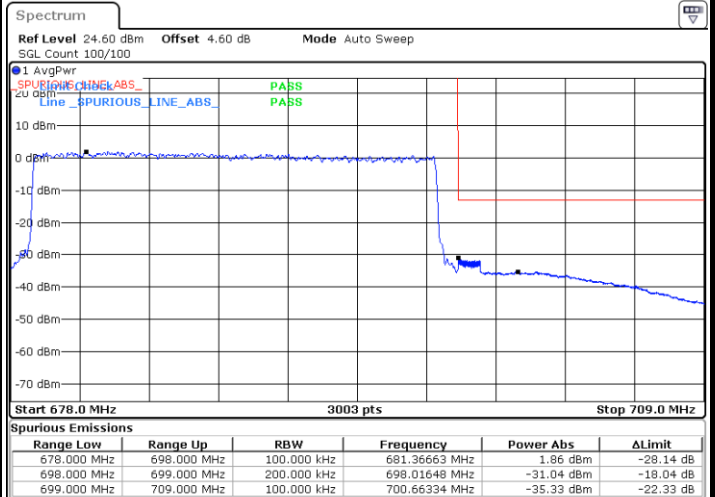
Date: 29.JUL.2023 00:34:31

Lowest Band Edge / Full RB



Date: 29.JUL.2023 00:24:12

Highest Band Edge / Full RB



Date: 29.JUL.2023 00:35:36