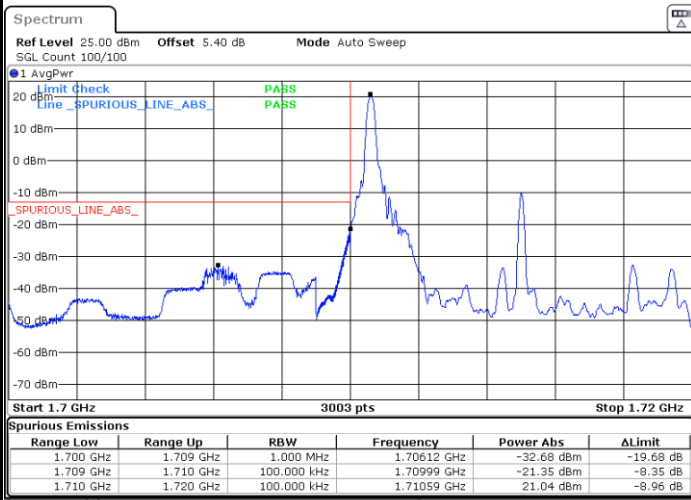




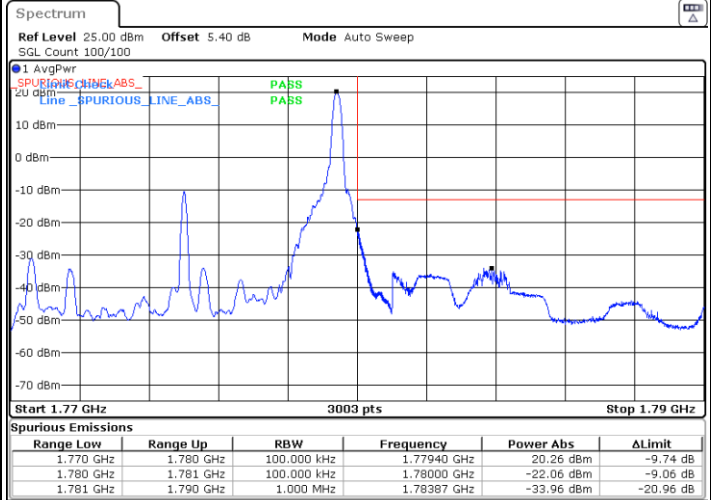
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



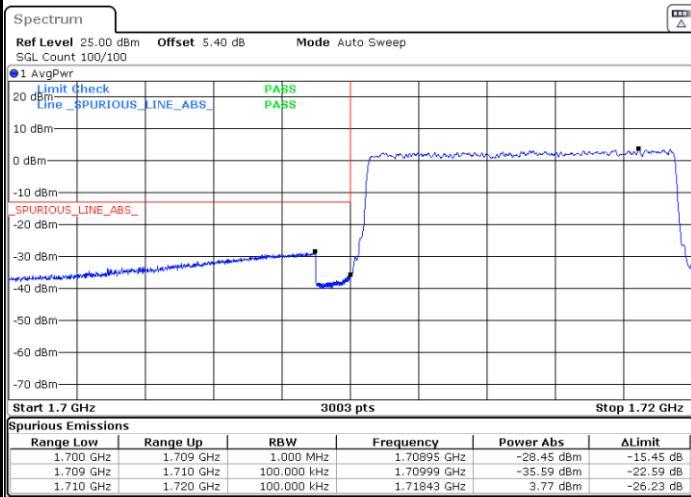
Date: 15.FEB.2023 00:02:27

Highest Band Edge / 1 RB



Date: 15.FEB.2023 00:10:30

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:05:07

Highest Band Edge / Full RB

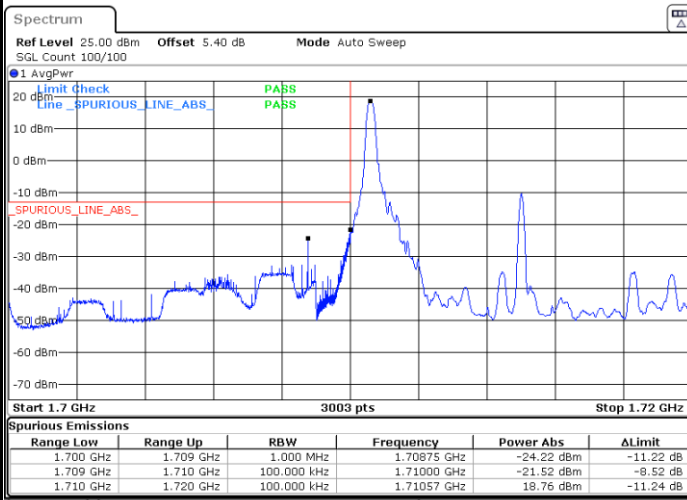


Date: 15.FEB.2023 00:13:11



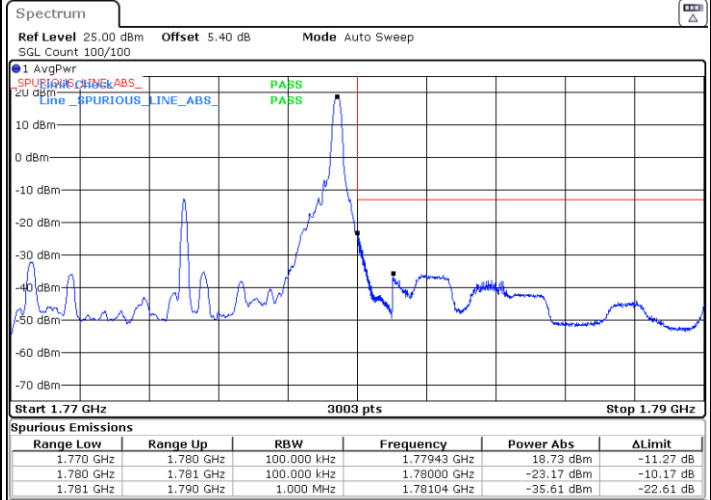
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



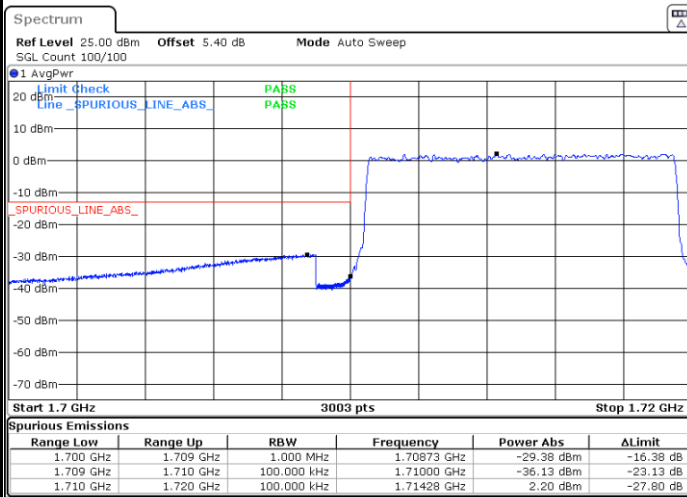
Date: 15.FEB.2023 00:03:07

Highest Band Edge / 1 RB



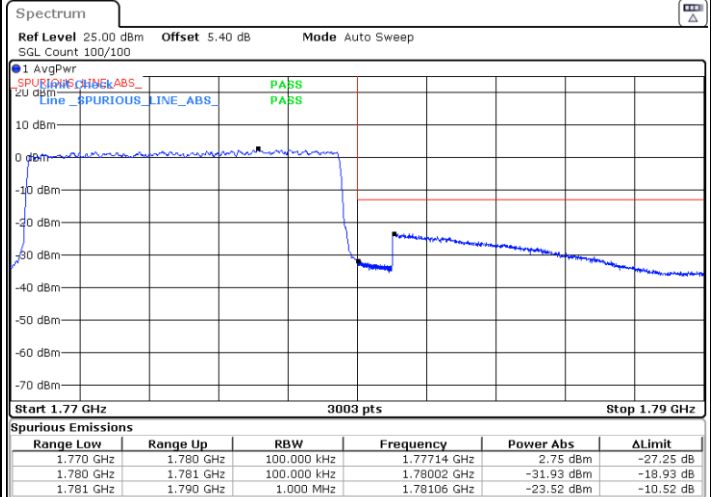
Date: 15.FEB.2023 00:11:10

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:05:48

Highest Band Edge / Full RB

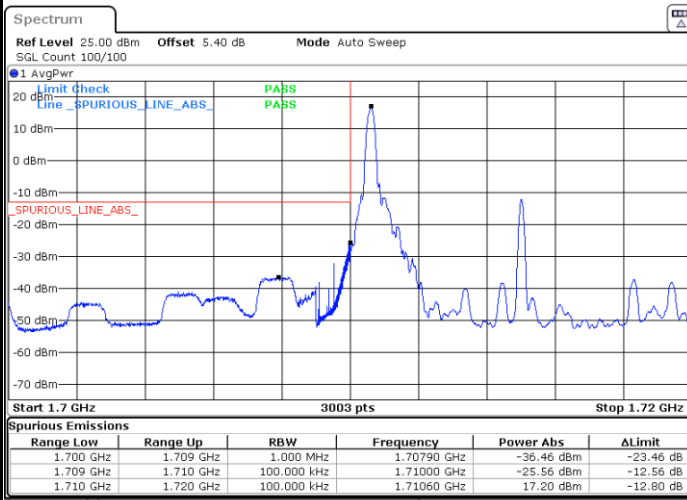


Date: 15.FEB.2023 00:13:51



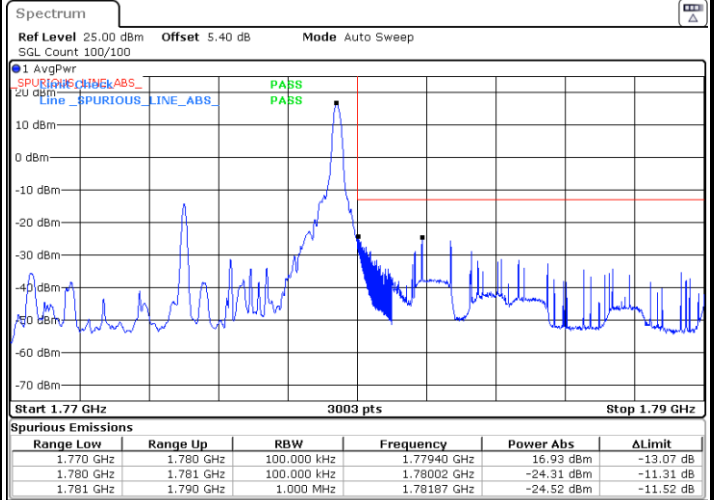
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



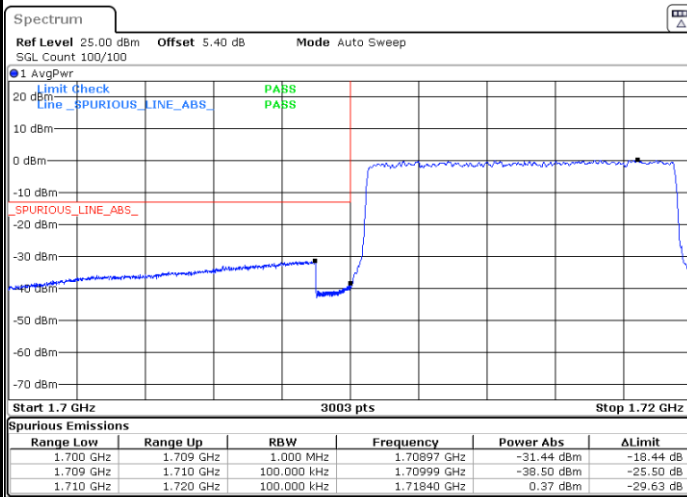
Date: 15.FEB.2023 00:03:47

Highest Band Edge / 1 RB



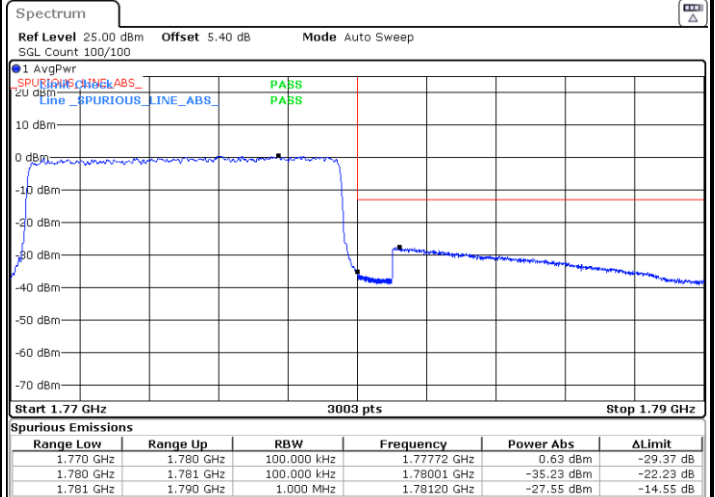
Date: 15.FEB.2023 00:11:51

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:06:28

Highest Band Edge / Full RB

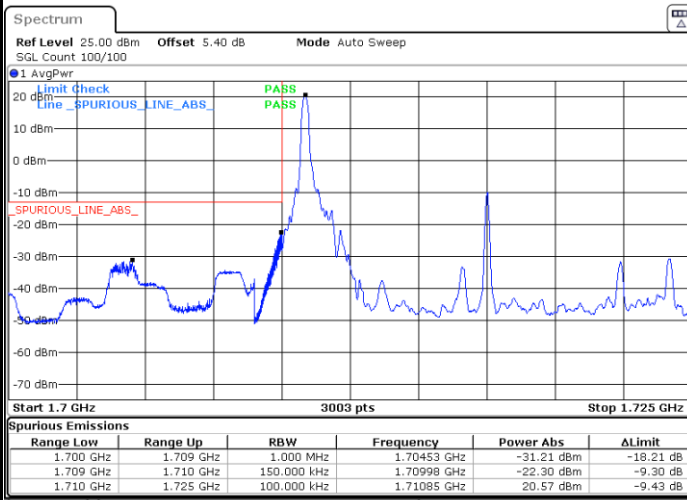


Date: 15.FEB.2023 00:14:32

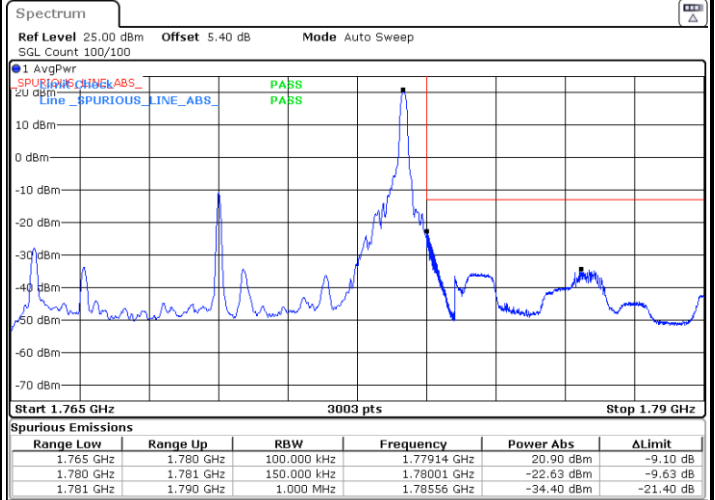


LTE Band 66 / 15MHz / QPSK

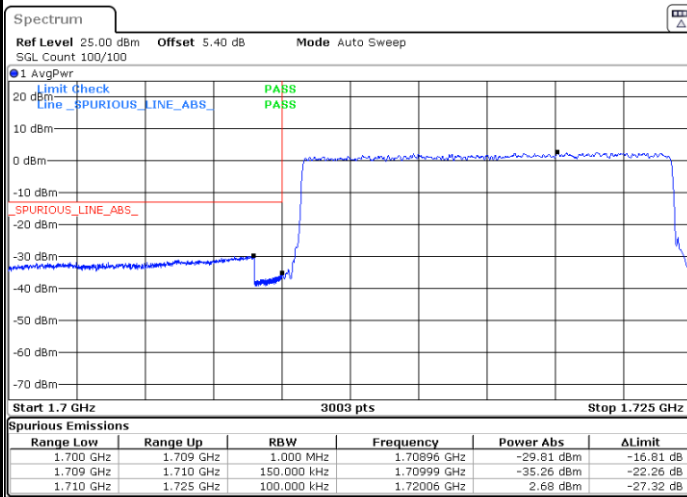
Lowest Band Edge / 1 RB



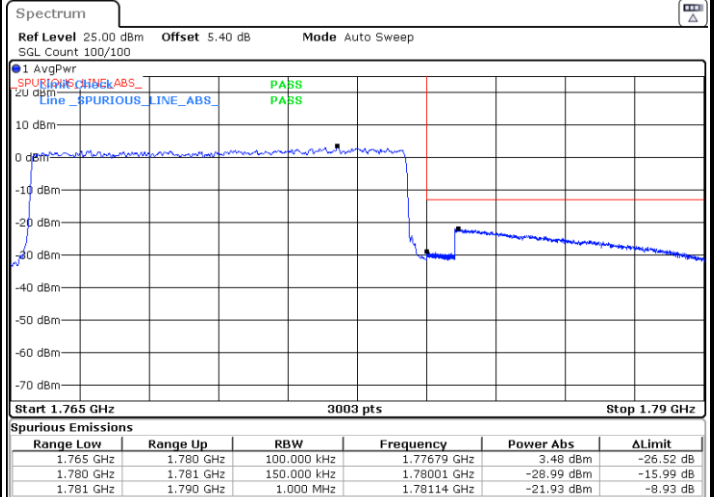
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



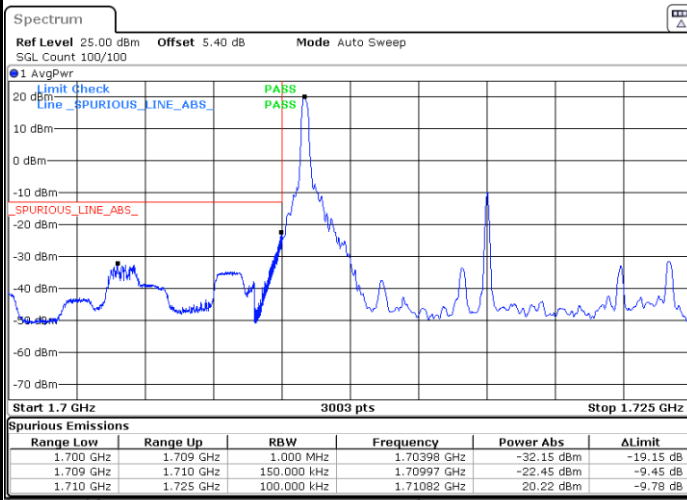
Highest Band Edge / Full RB





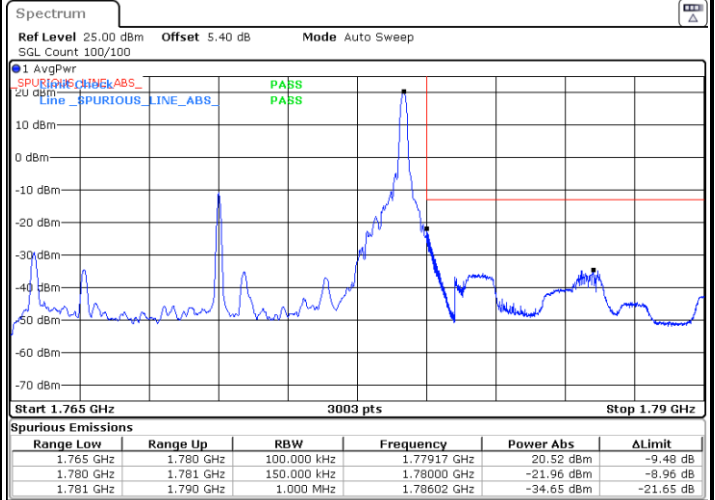
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



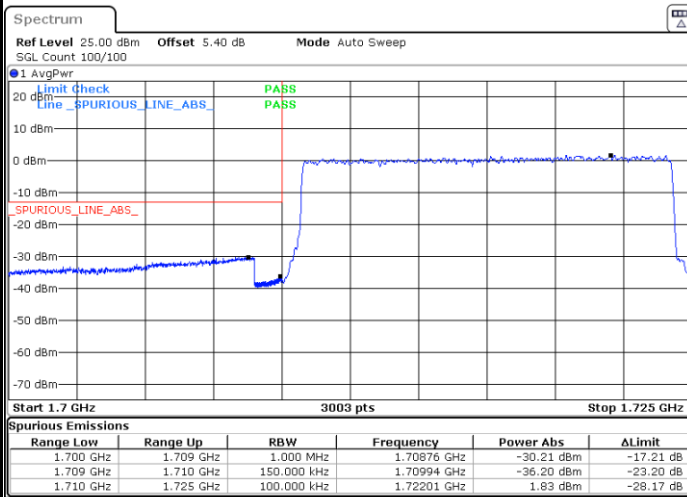
Date: 15.FEB.2023 00:19:17

Highest Band Edge / 1 RB



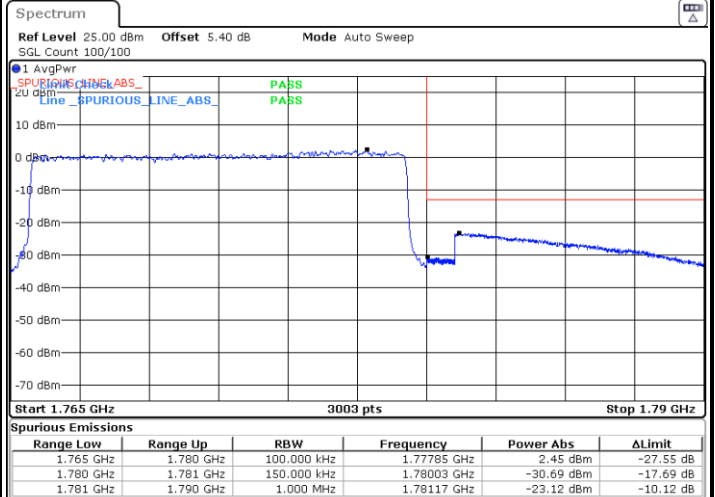
Date: 15.FEB.2023 00:27:22

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:22:00

Highest Band Edge / Full RB

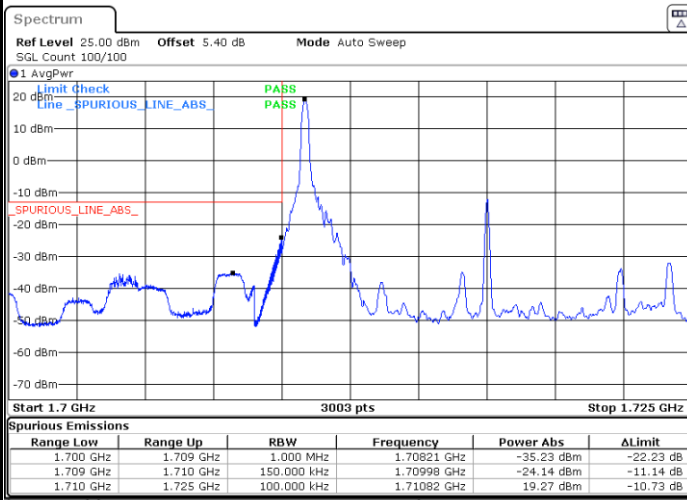


Date: 15.FEB.2023 00:30:04



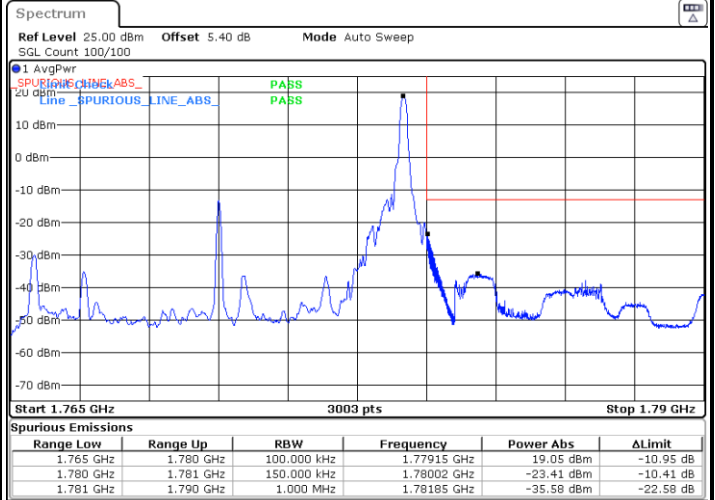
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



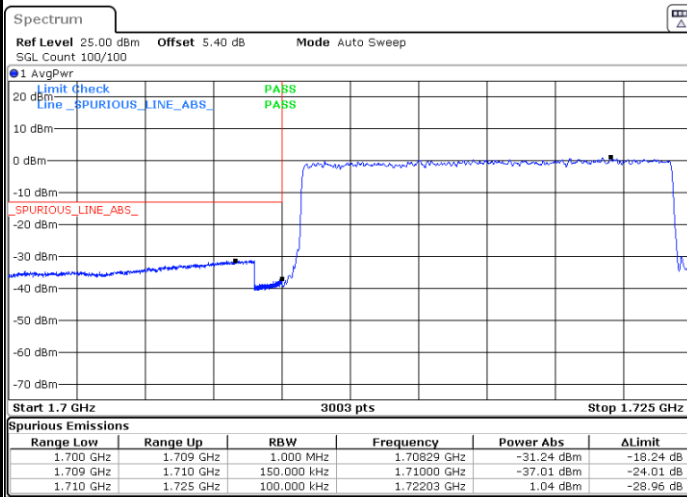
Date: 15.FEB.2023 00:19:57

Highest Band Edge / 1 RB



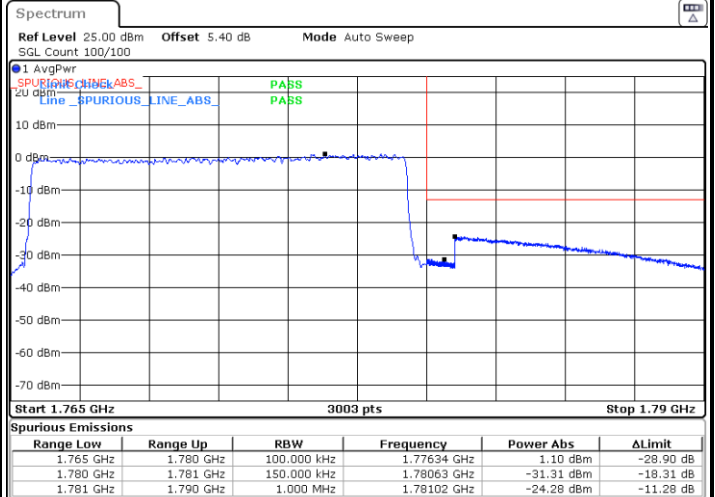
Date: 15.FEB.2023 00:28:03

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:22:40

Highest Band Edge / Full RB

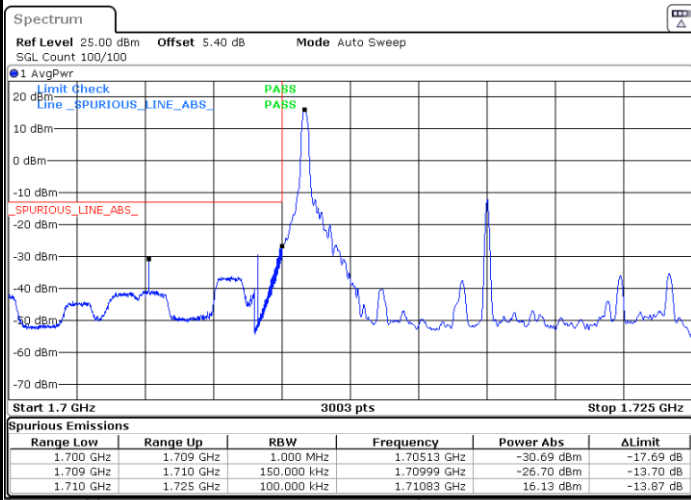


Date: 15.FEB.2023 00:30:45



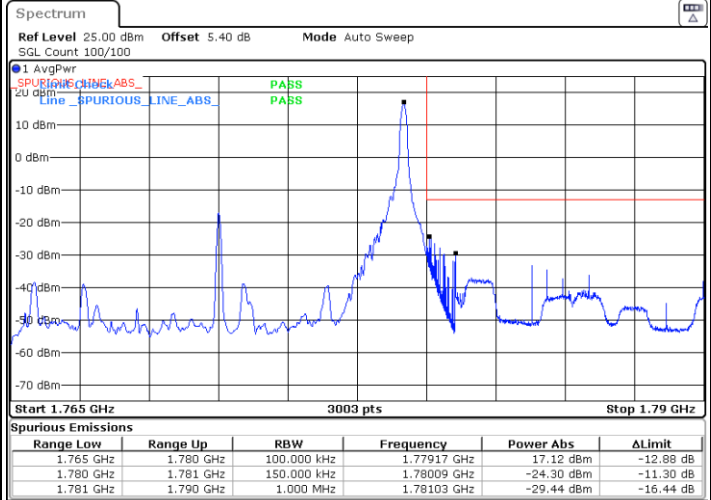
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



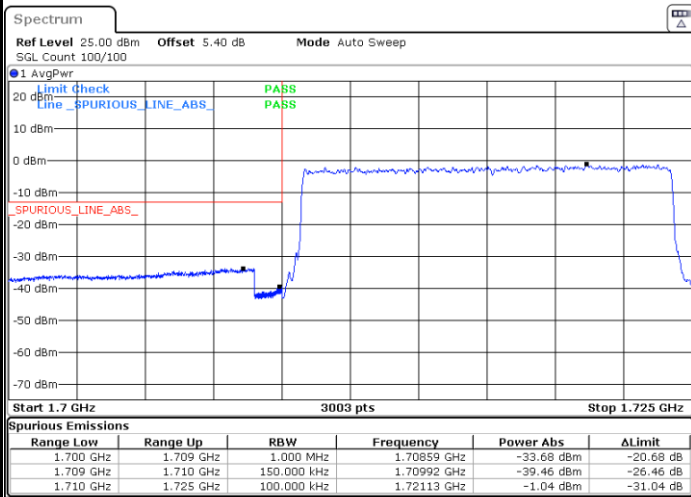
Date: 15.FEB.2023 00:20:37

Highest Band Edge / 1 RB



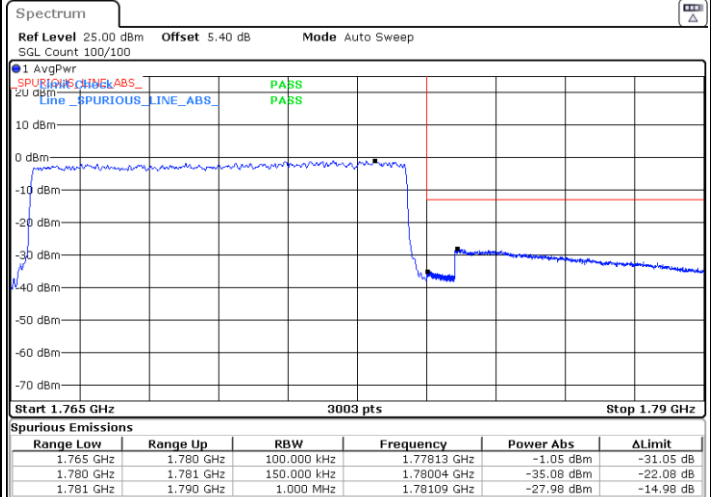
Date: 15.FEB.2023 00:28:43

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:23:20

Highest Band Edge / Full RB

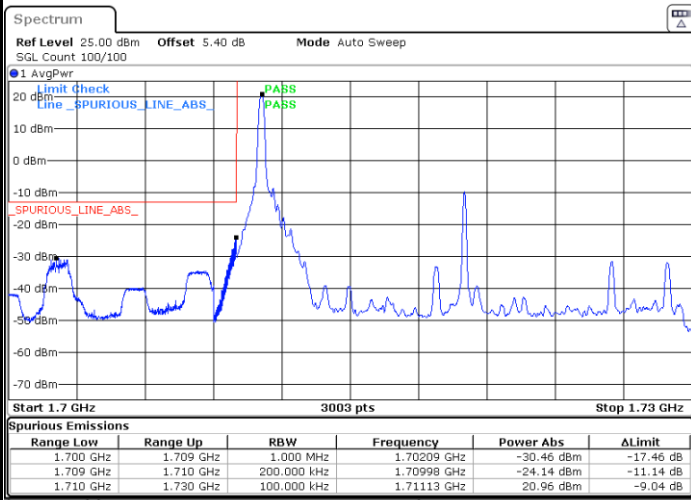


Date: 15.FEB.2023 00:31:25



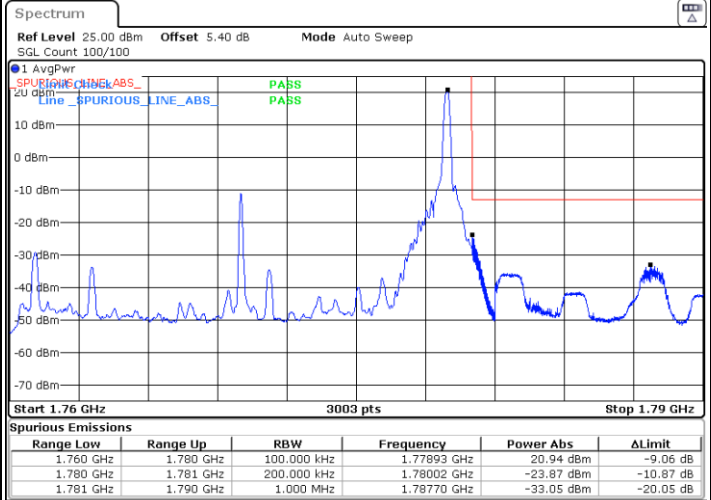
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



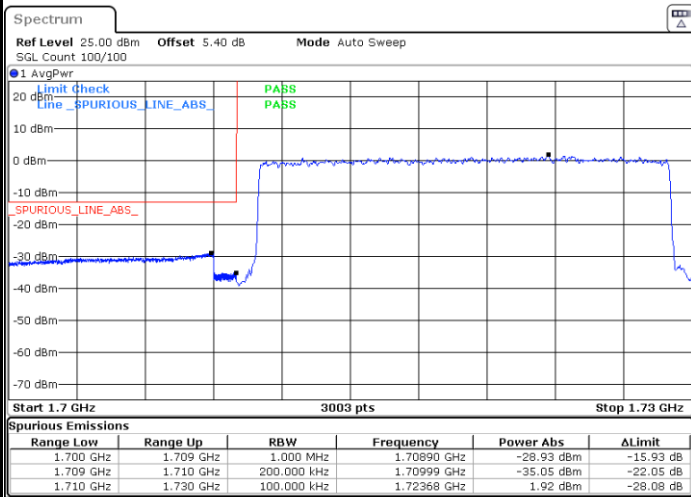
Date: 15.FEB.2023 00:33:38

Highest Band Edge / 1 RB



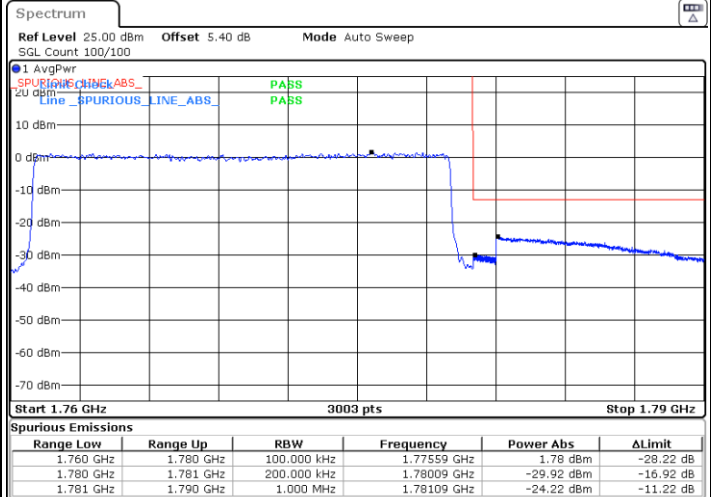
Date: 15.FEB.2023 00:41:43

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:36:20

Highest Band Edge / Full RB



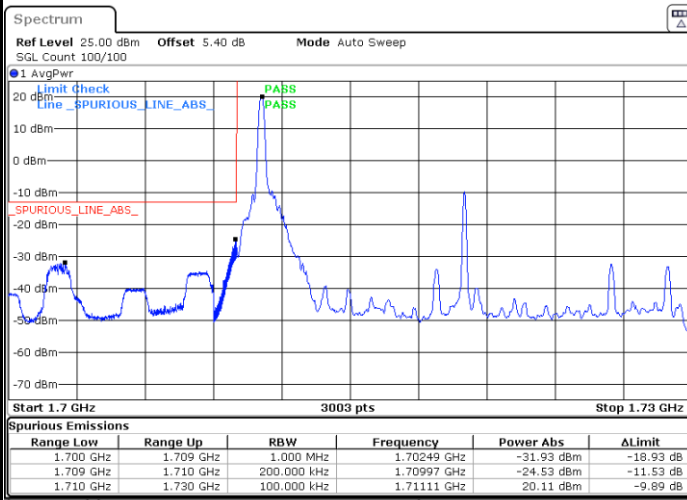
Date: 15.FEB.2023 00:44:27





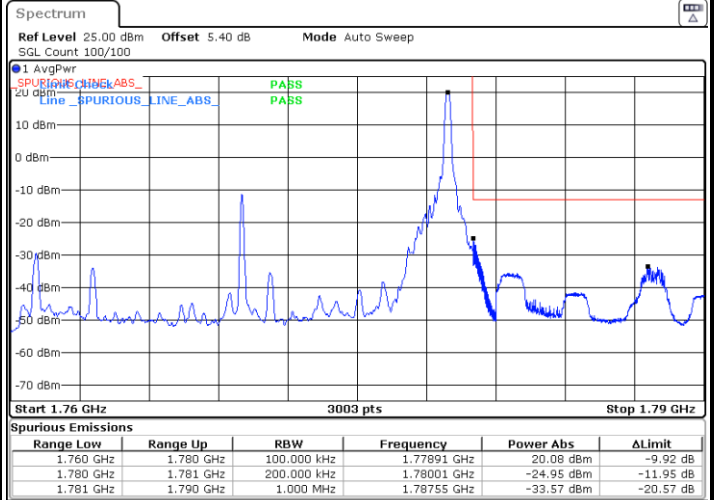
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



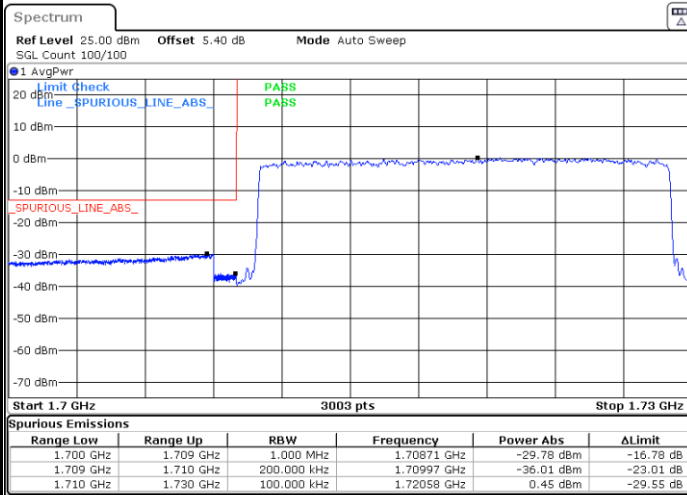
Date: 15.FEB.2023 00:34:19

Highest Band Edge / 1 RB



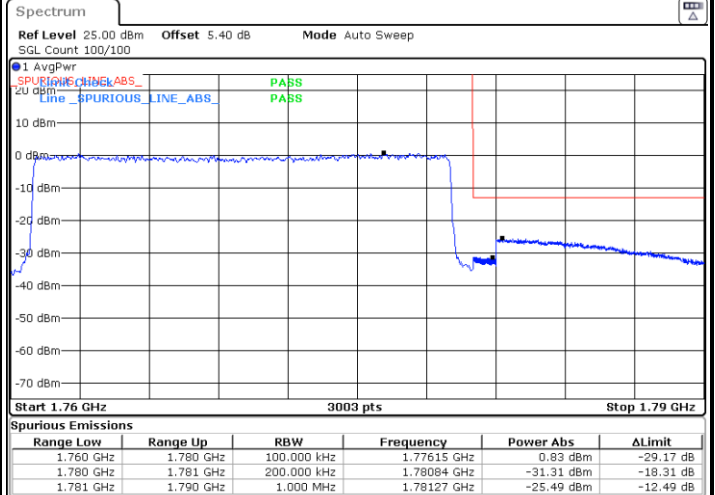
Date: 15.FEB.2023 00:42:23

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:37:00

Highest Band Edge / Full RB

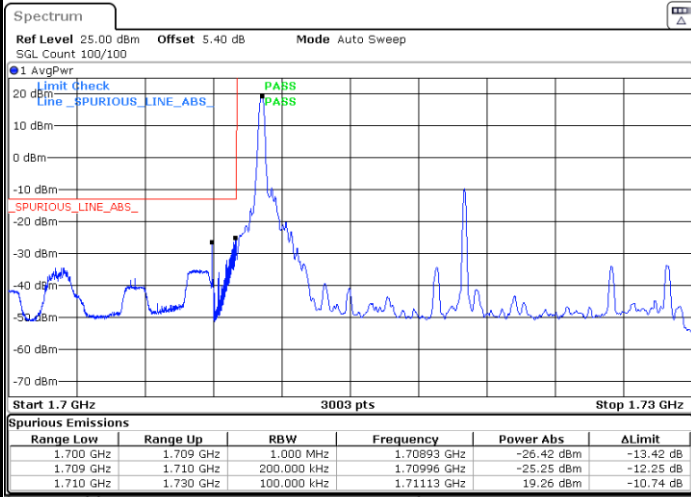


Date: 15.FEB.2023 00:45:08



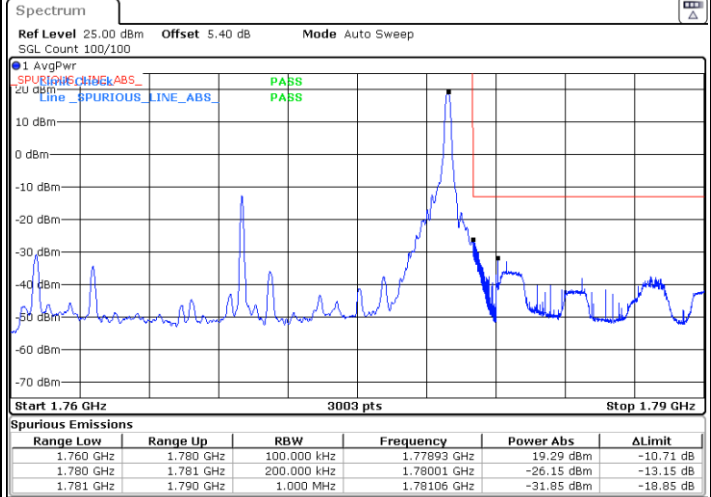
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



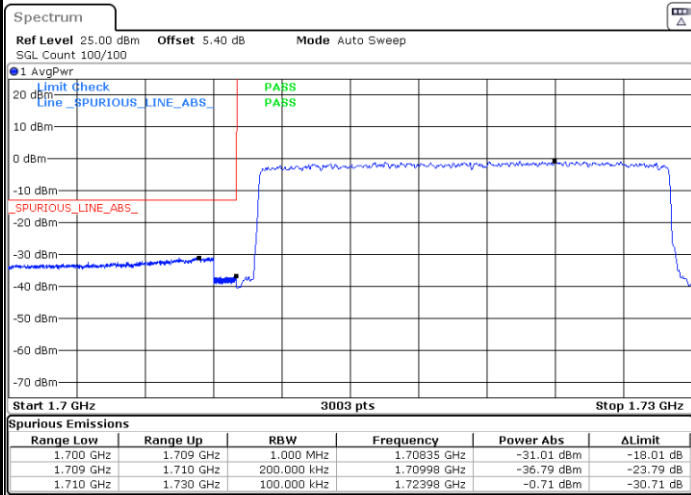
Date: 15.FEB.2023 00:34:59

Highest Band Edge / 1 RB



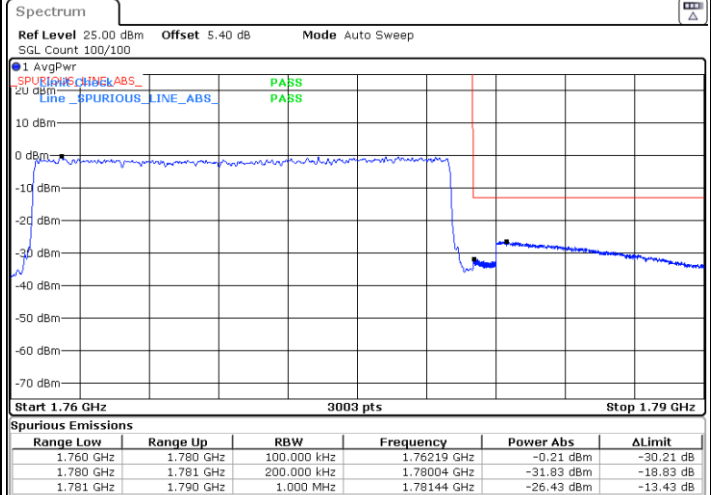
Date: 15.FEB.2023 00:43:04

Lowest Band Edge / Full RB



Date: 15.FEB.2023 00:37:41

Highest Band Edge / Full RB



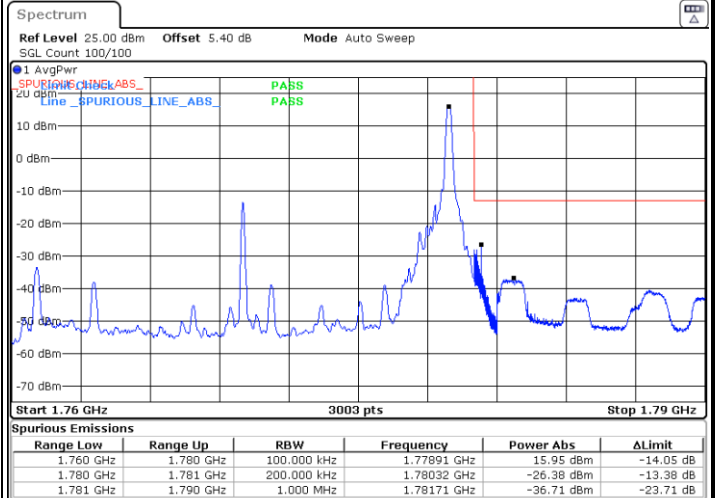
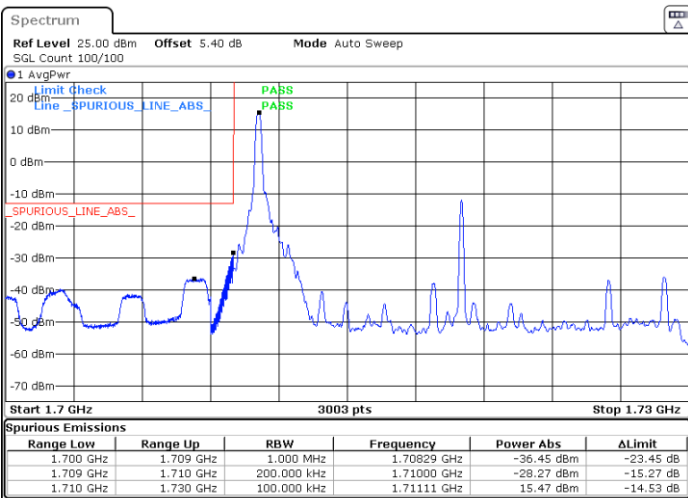
Date: 15.FEB.2023 00:45:48



LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

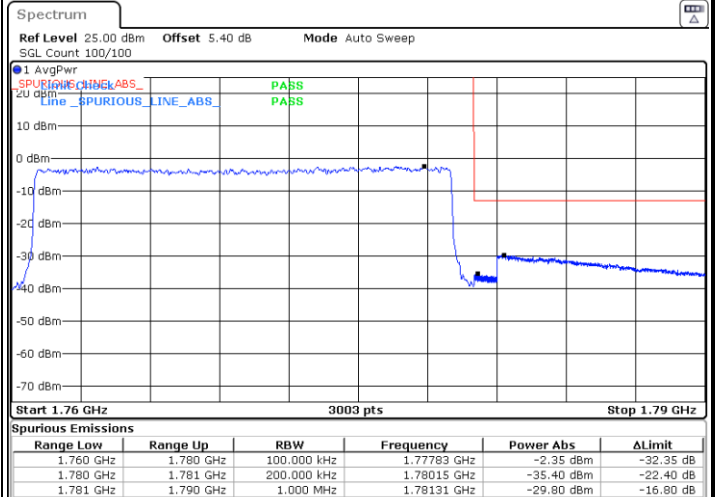
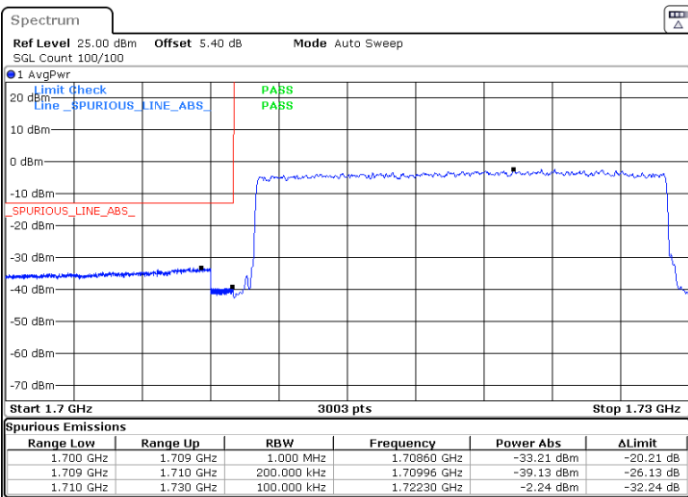


Date: 15.FEB.2023 00:35:39

Date: 15.FEB.2023 00:43:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

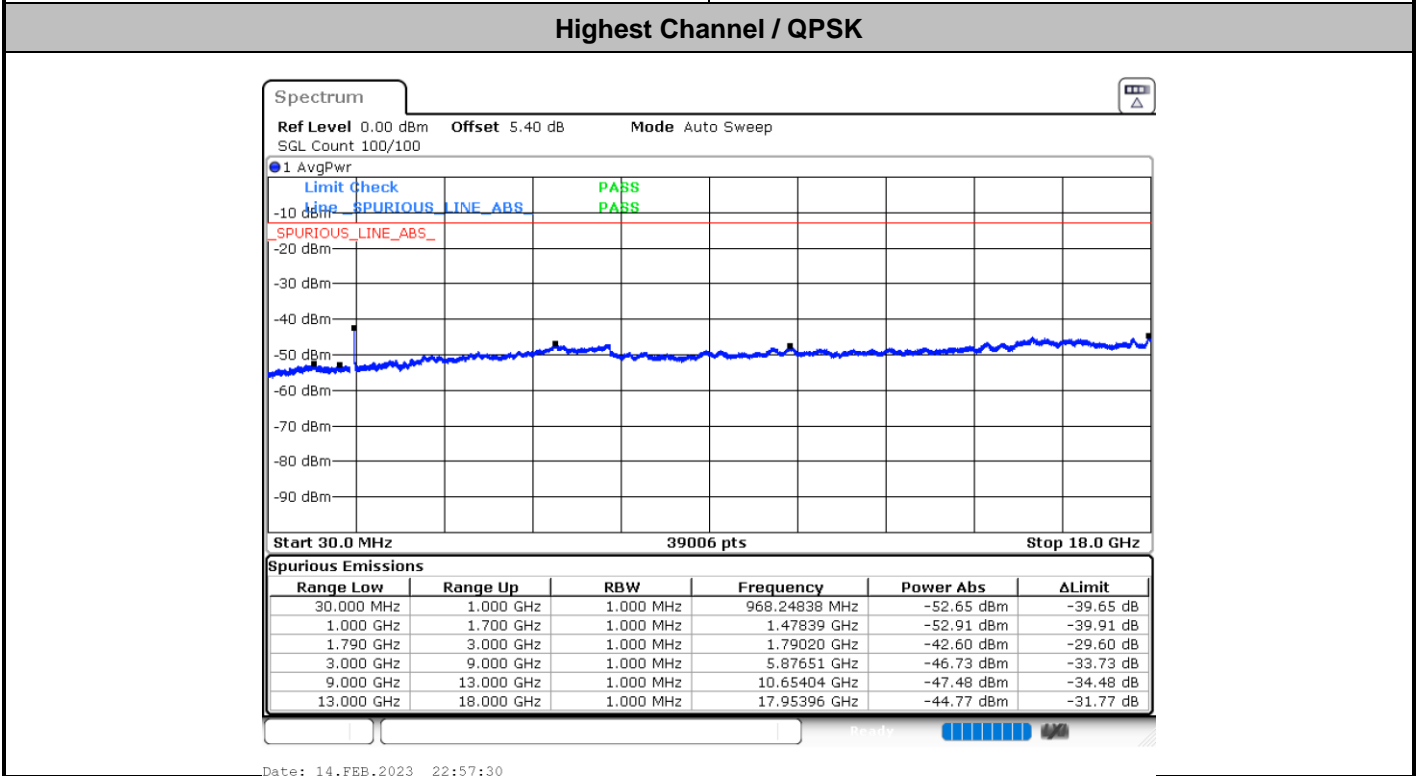
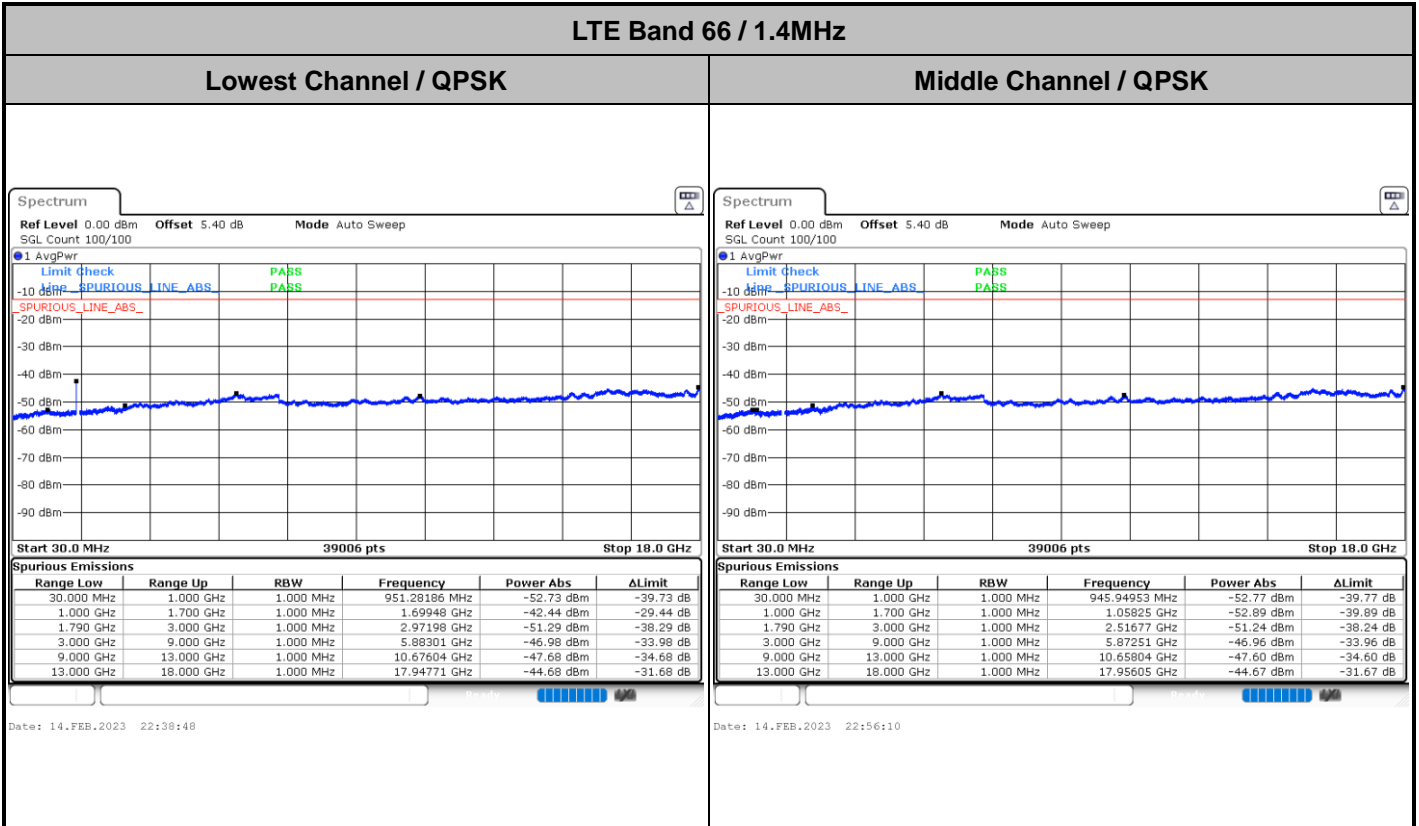


Date: 15.FEB.2023 00:38:21

Date: 15.FEB.2023 00:46:29



# Conducted Spurious Emission

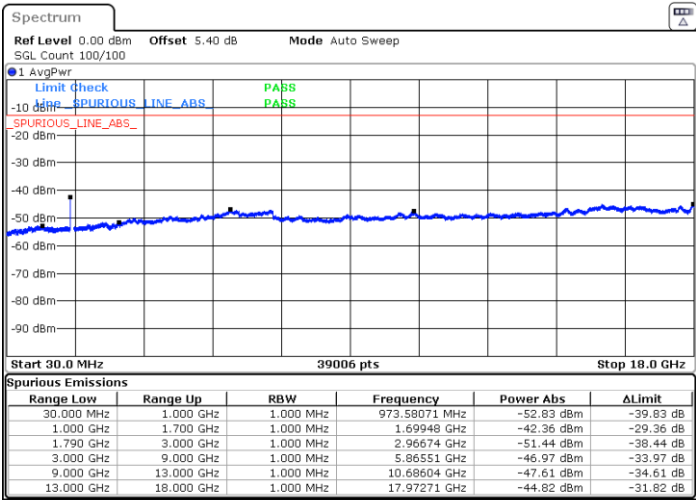




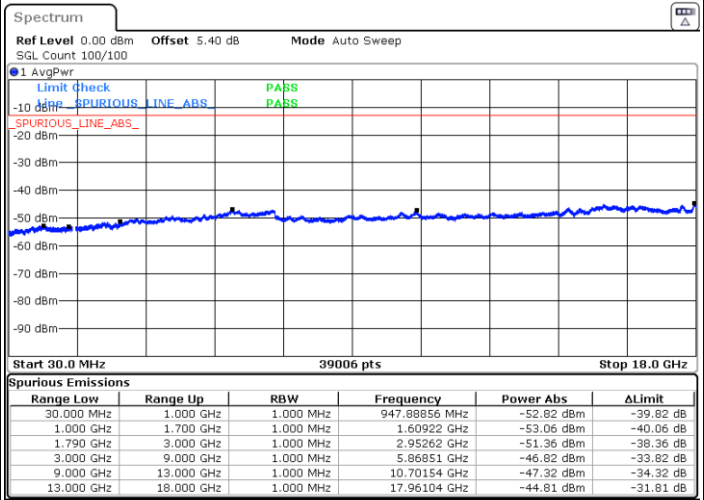
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

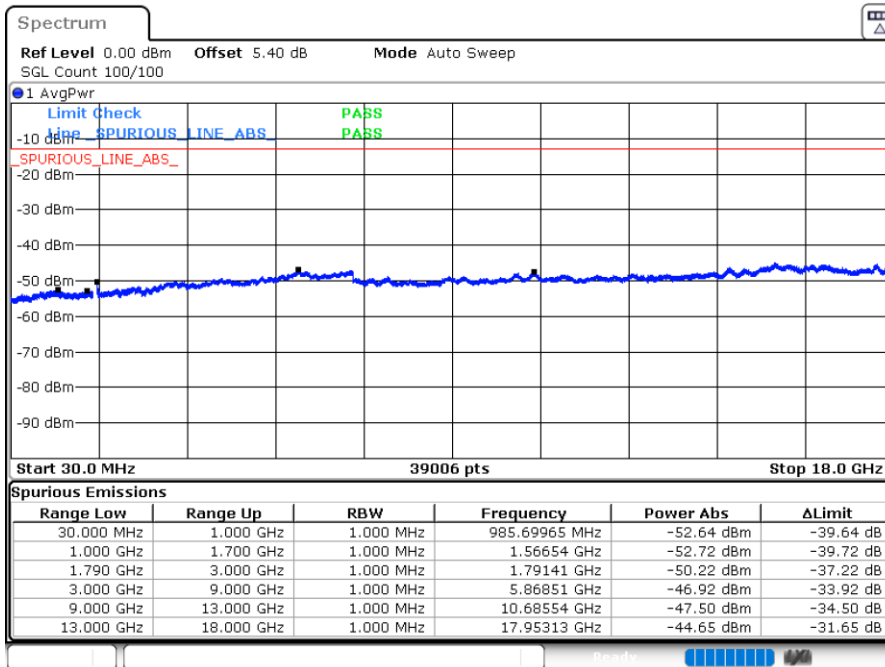


Date: 14.FEB.2023 23:16:28



Date: 14.FEB.2023 23:27:30

Highest Channel / QPSK

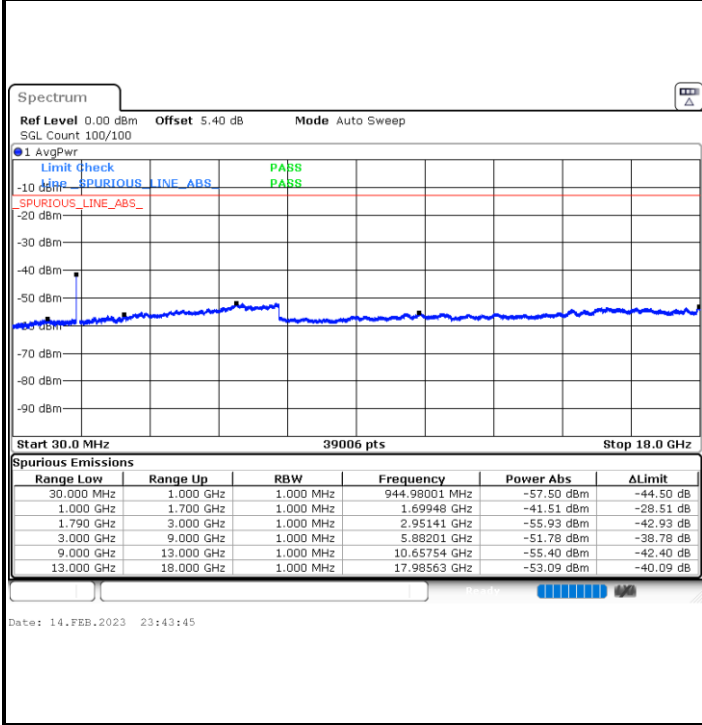


Date: 14.FEB.2023 23:28:50

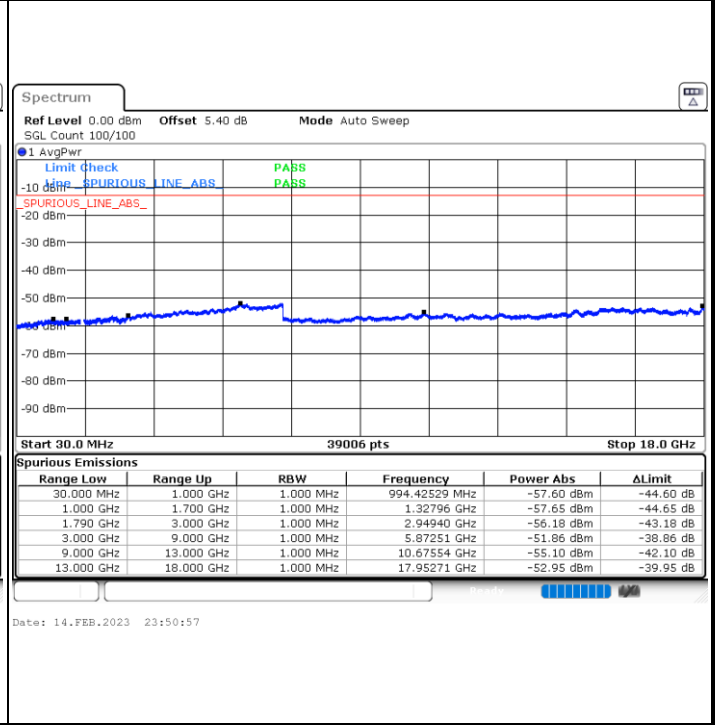


**LTE Band 66 / 5MHz**

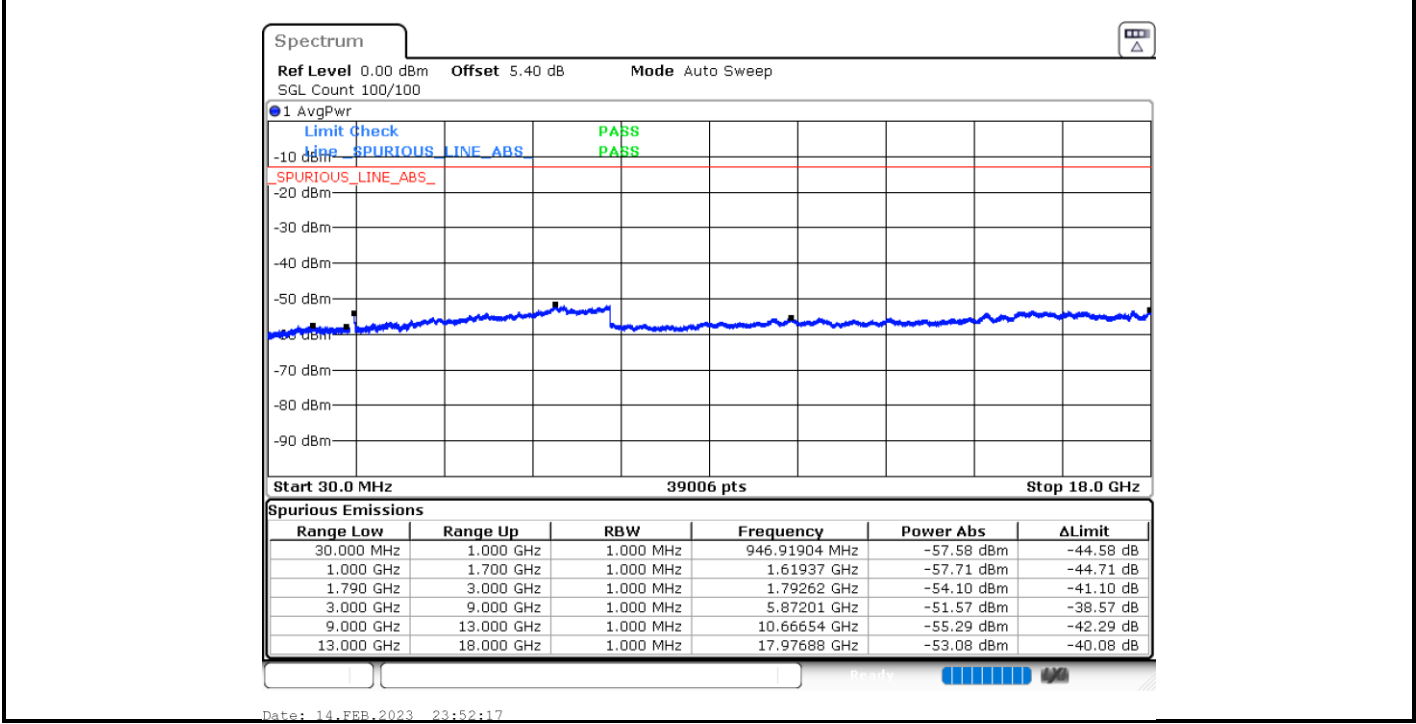
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



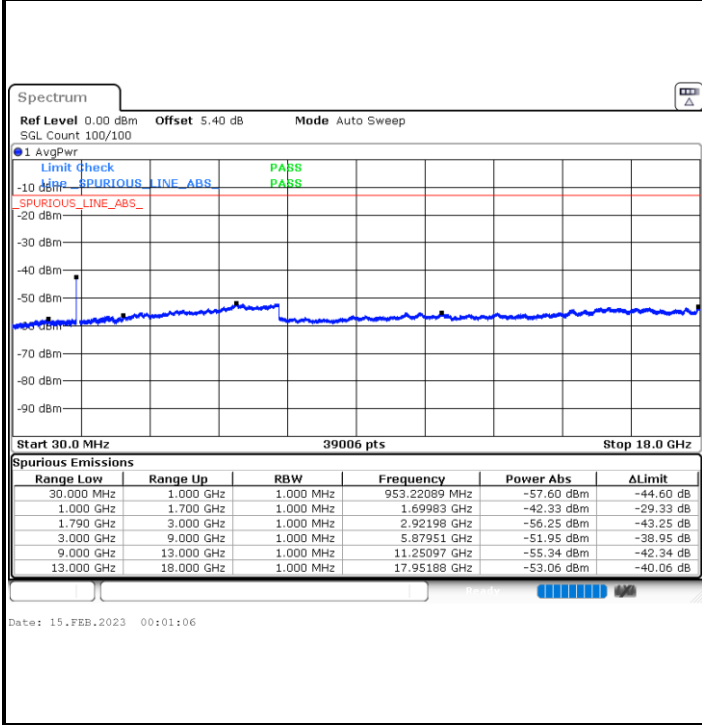
**Highest Channel / QPSK**



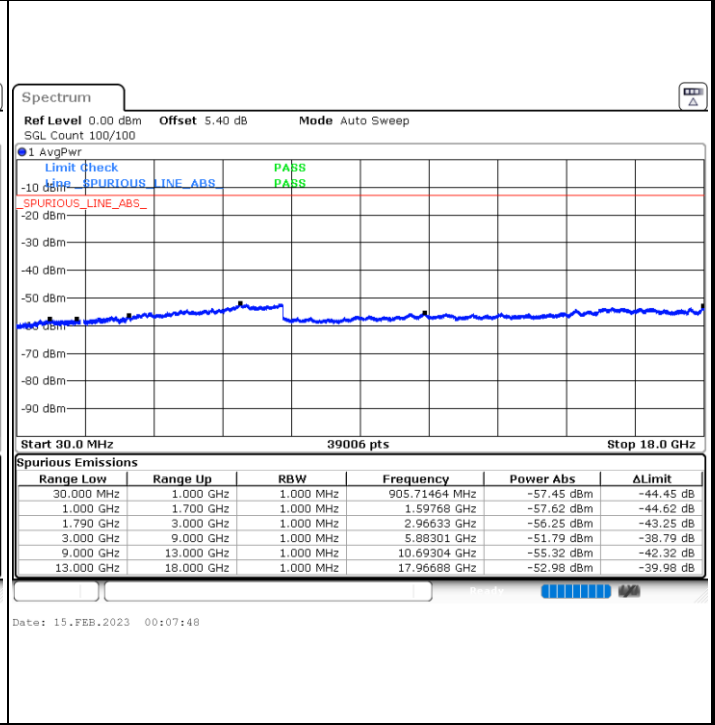


**LTE Band 66 / 10MHz**

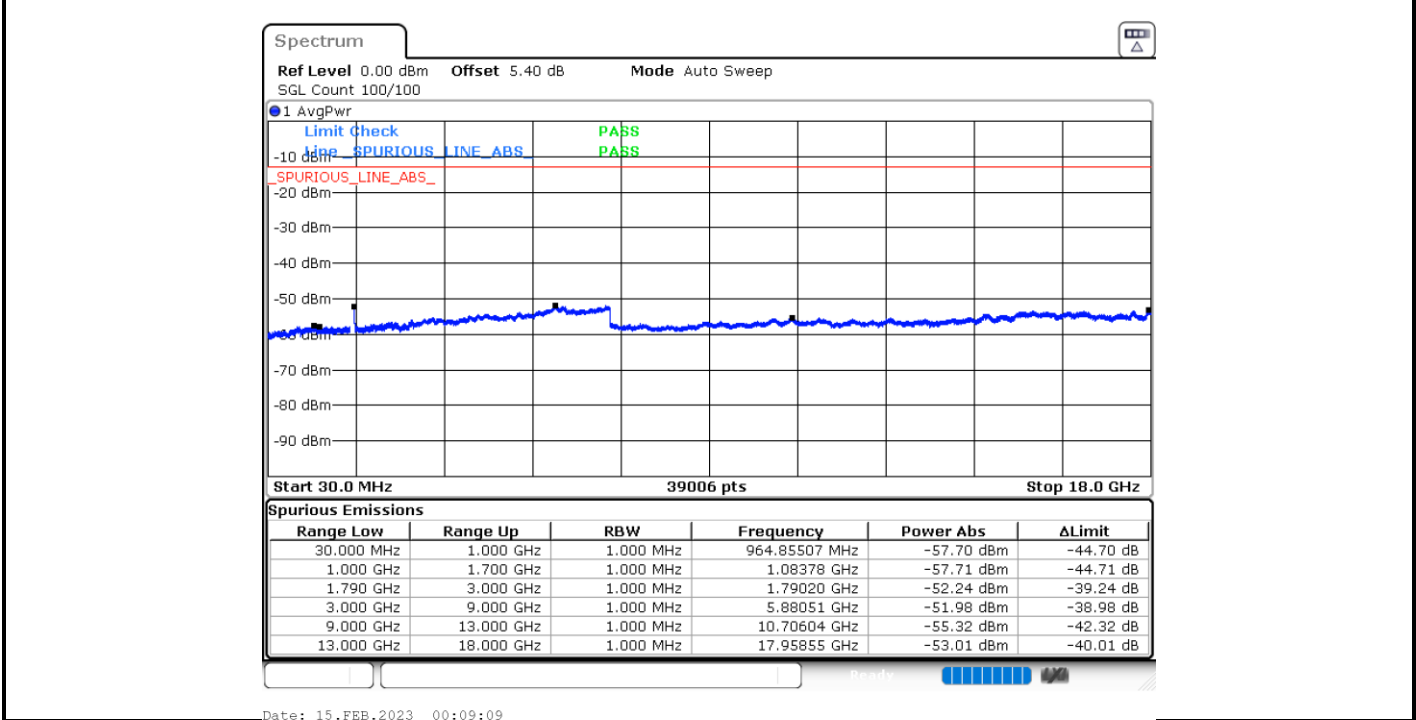
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

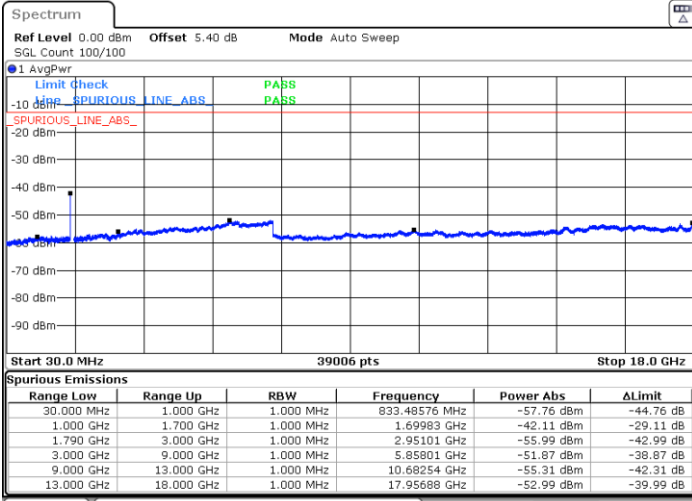




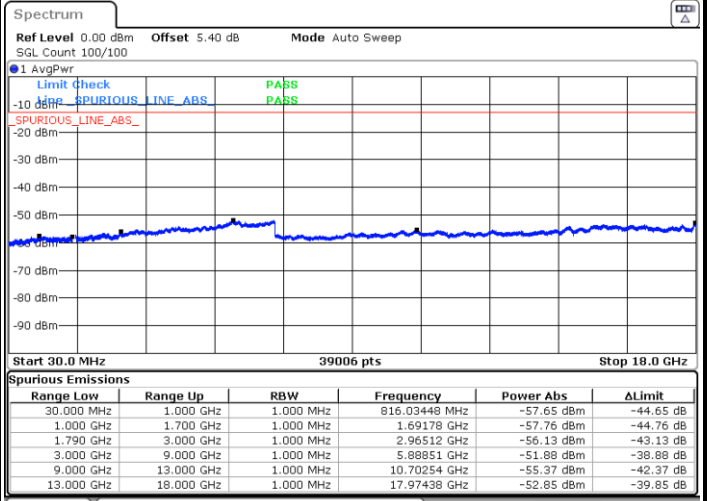
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

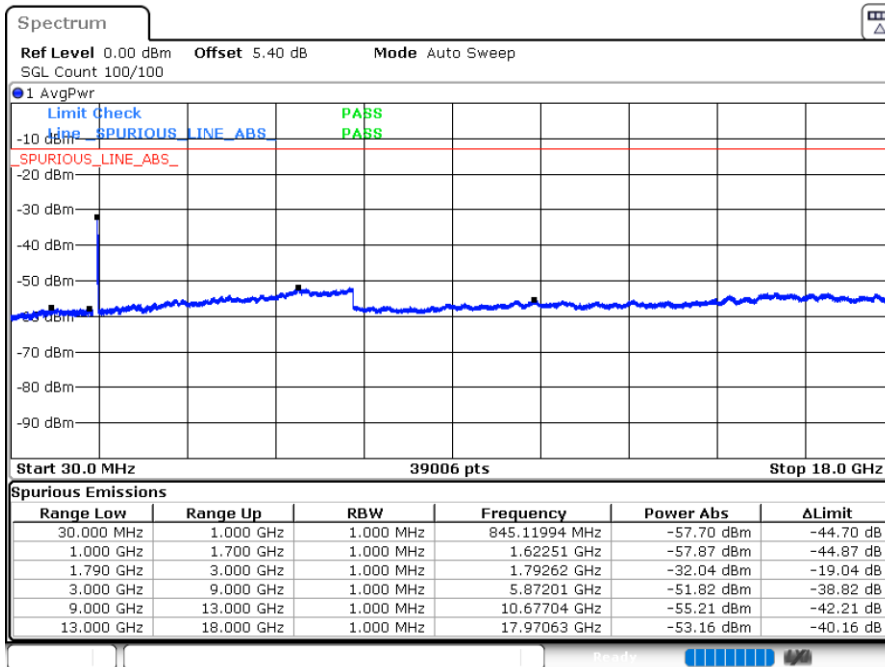


Date: 15.FEB.2023 00:17:56



Date: 15.FEB.2023 00:24:41

Highest Channel / QPSK



Date: 15.FEB.2023 00:26:02

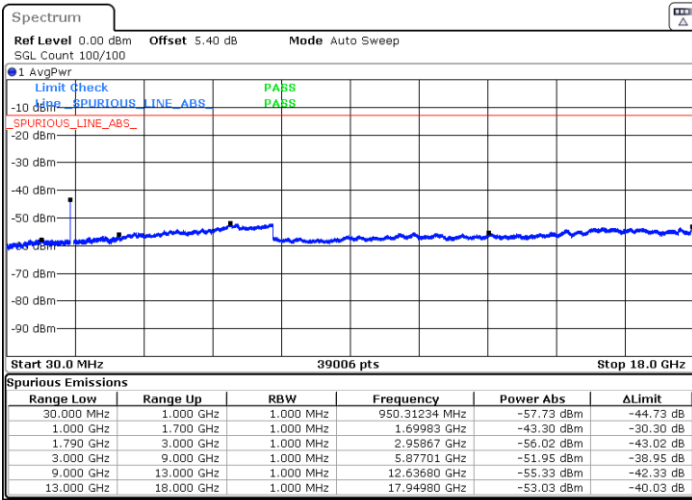




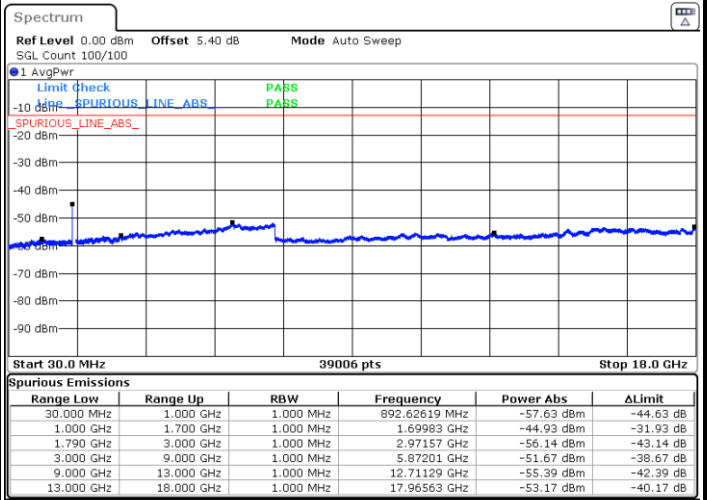
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

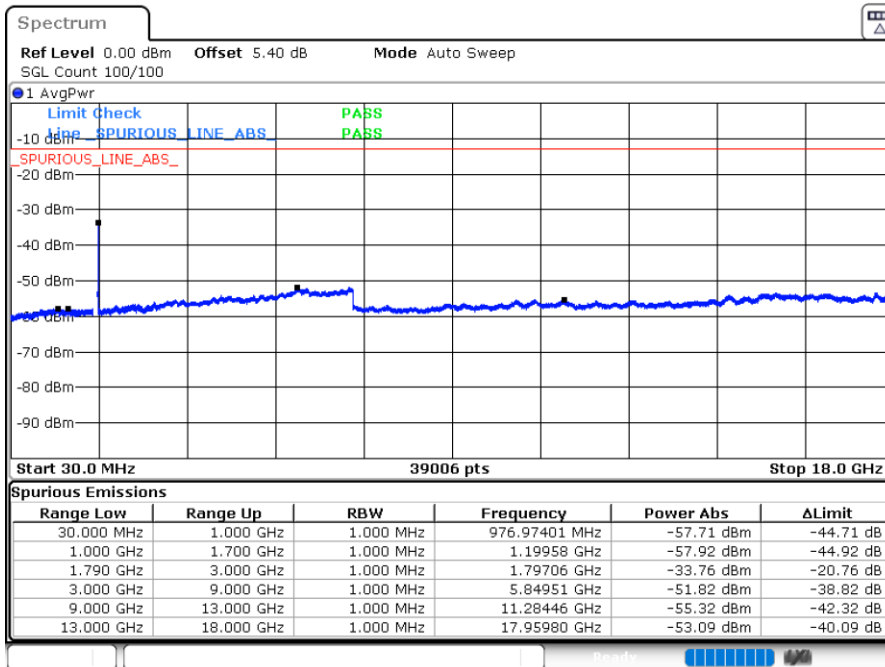


Date: 15.FEB.2023 00:32:58



Date: 15.FEB.2023 00:39:42

Highest Channel / QPSK



Date: 15.FEB.2023 00:41:03



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	0.0025	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0007	

Note:

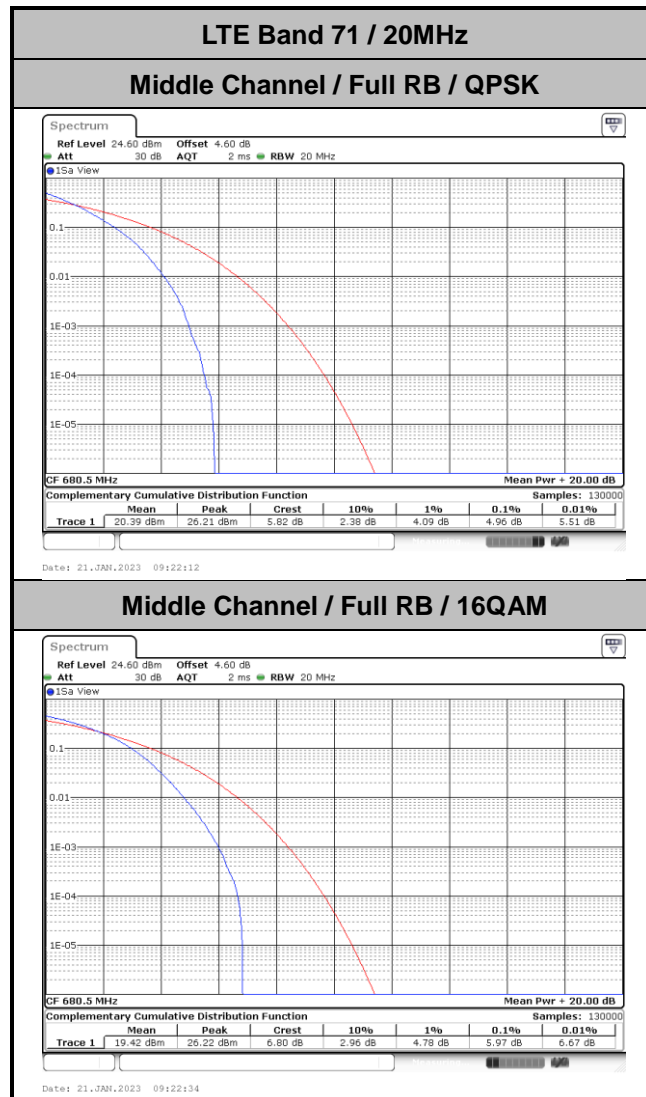
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

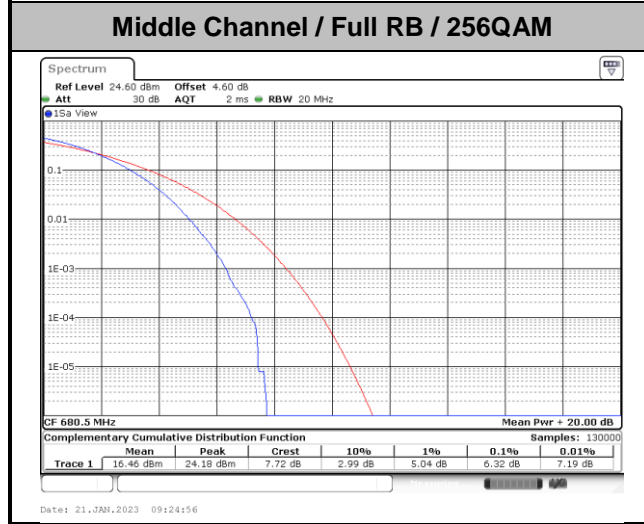
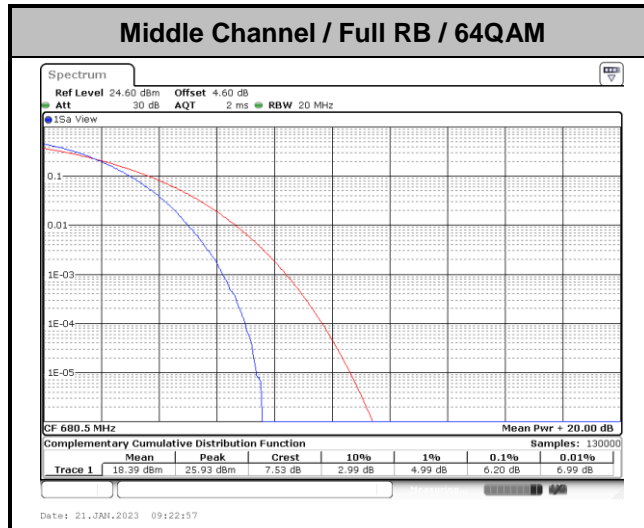


# LTE Band 71

## Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.97	6.20	6.32	PASS

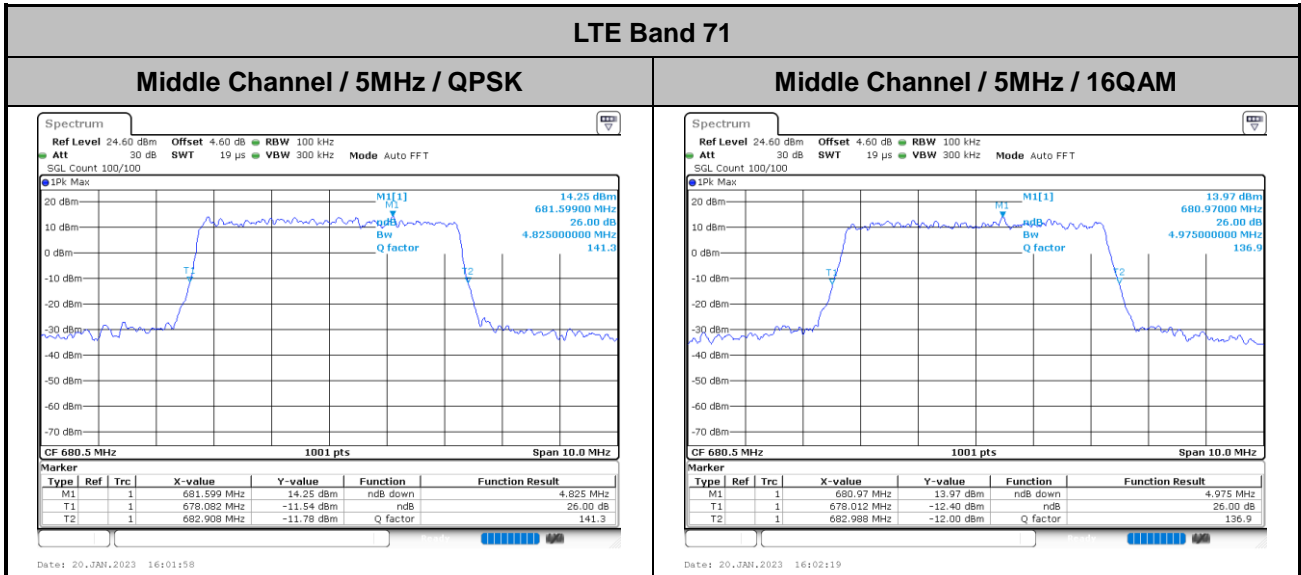






## 26dB Bandwidth

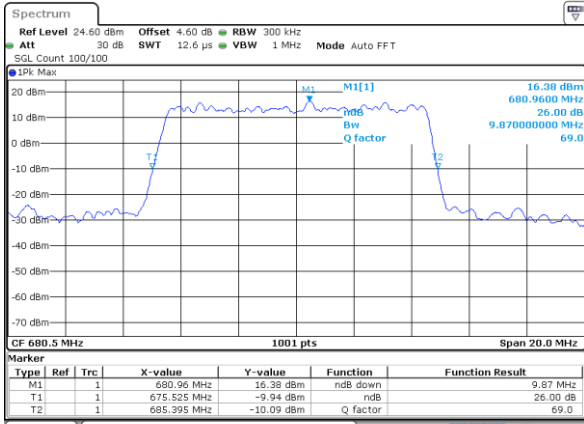
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.83	4.98
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.87	9.85
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.27	14.21
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.86	19.02





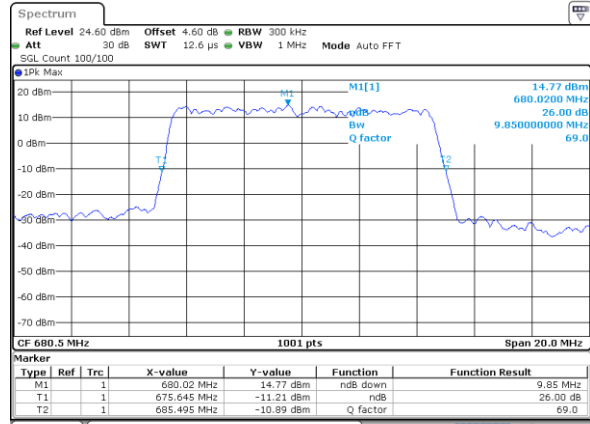
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 20\_JAN\_2023 16:21:48

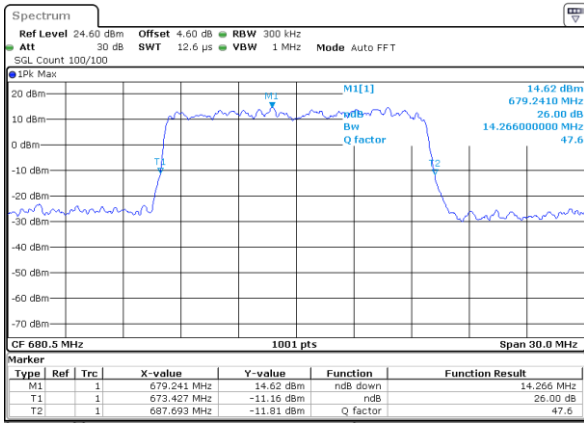
Middle Channel / 10MHz / 16QAM



Date: 20\_JAN\_2023 16:22:09

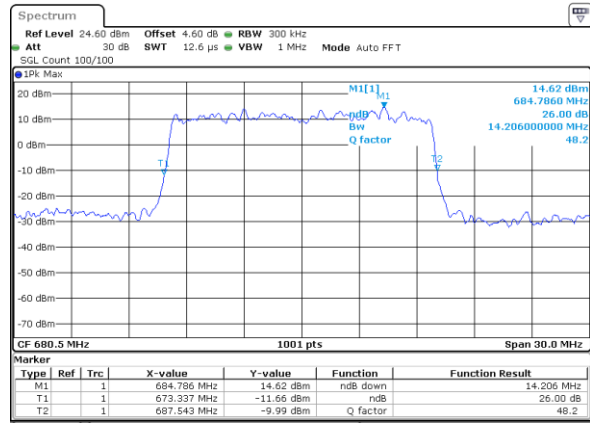
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 20\_JAN\_2023 16:41:38

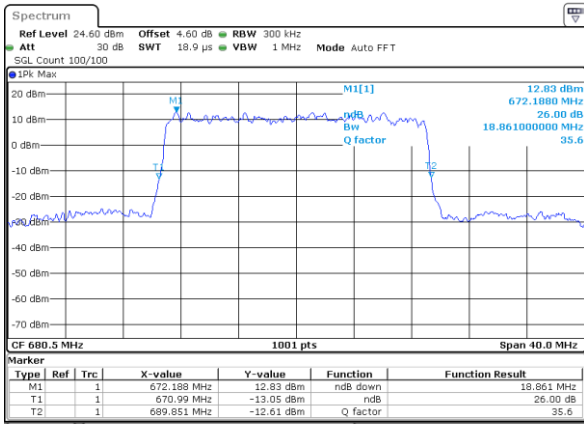
Middle Channel / 15MHz / 16QAM



Date: 20\_JAN\_2023 16:41:59

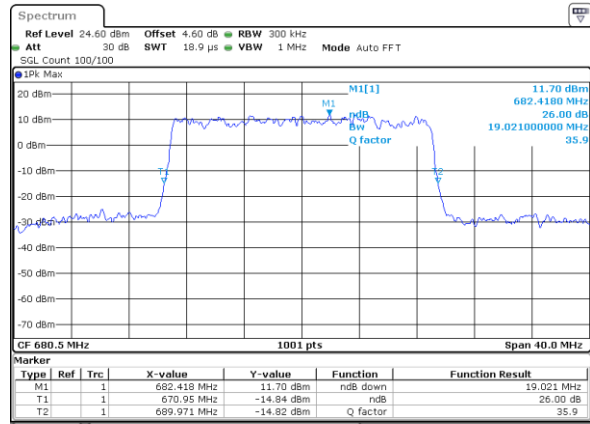
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 21\_JAN\_2023 09:12:19

Middle Channel / 20MHz / 16QAM

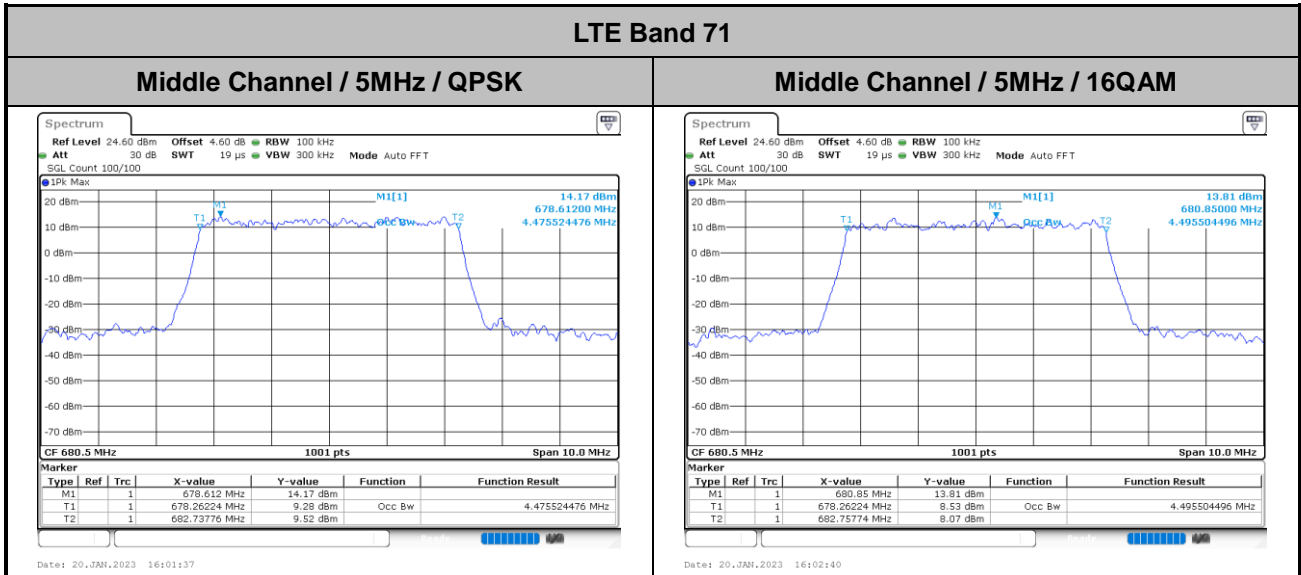


Date: 21\_JAN\_2023 09:12:40



# Occupied Bandwidth

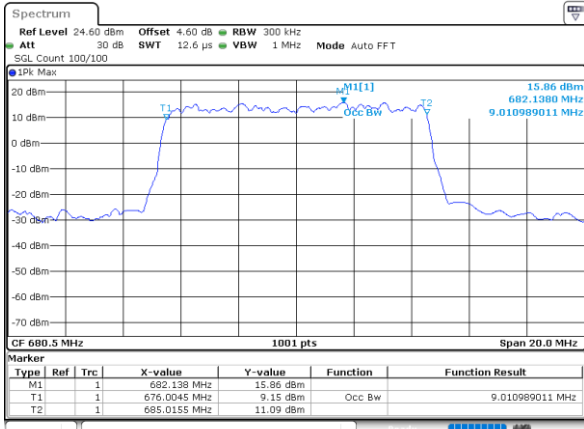
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.50
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.01
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.43
Mode	LTE Band 71 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.86





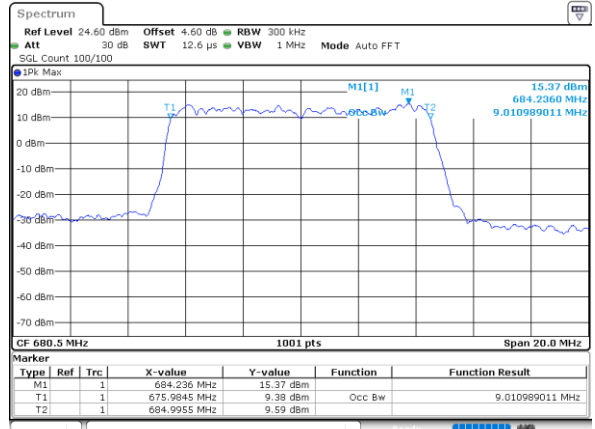
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 20\_JAN.2023 16:21:27

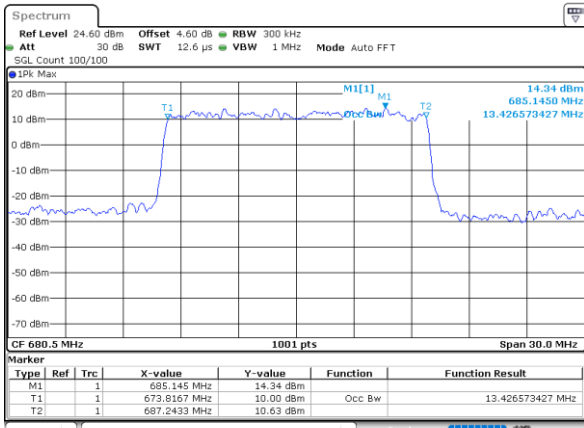
Middle Channel / 10MHz / 16QAM



Date: 20\_JAN.2023 16:22:30

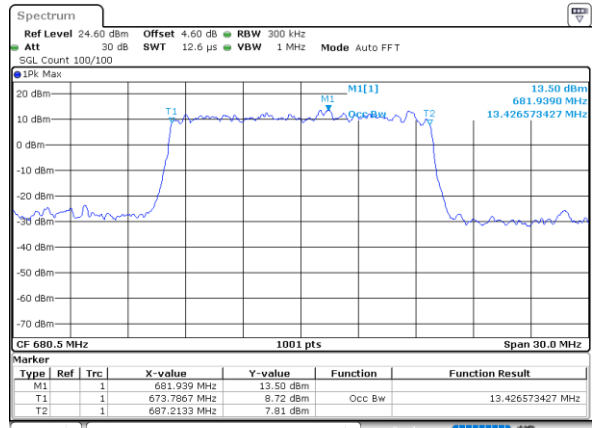
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 20\_JAN.2023 16:41:17

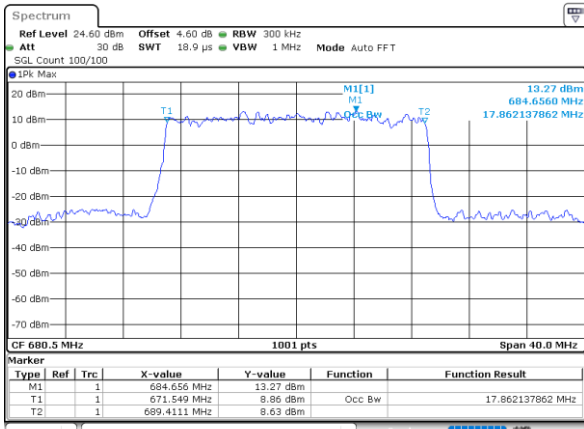
Middle Channel / 15MHz / 16QAM



Date: 20\_JAN.2023 16:42:20

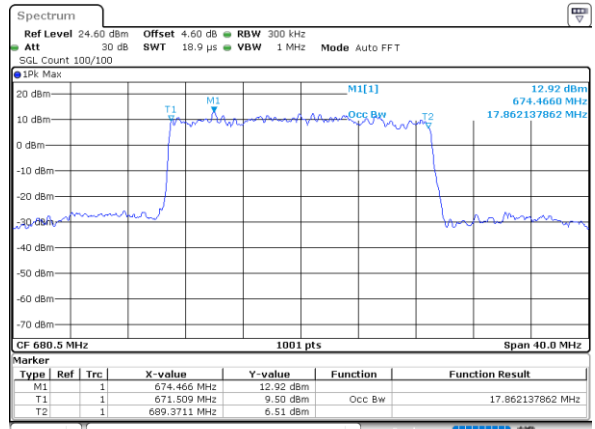
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 21\_JAN.2023 09:11:58

Middle Channel / 20MHz / 16QAM

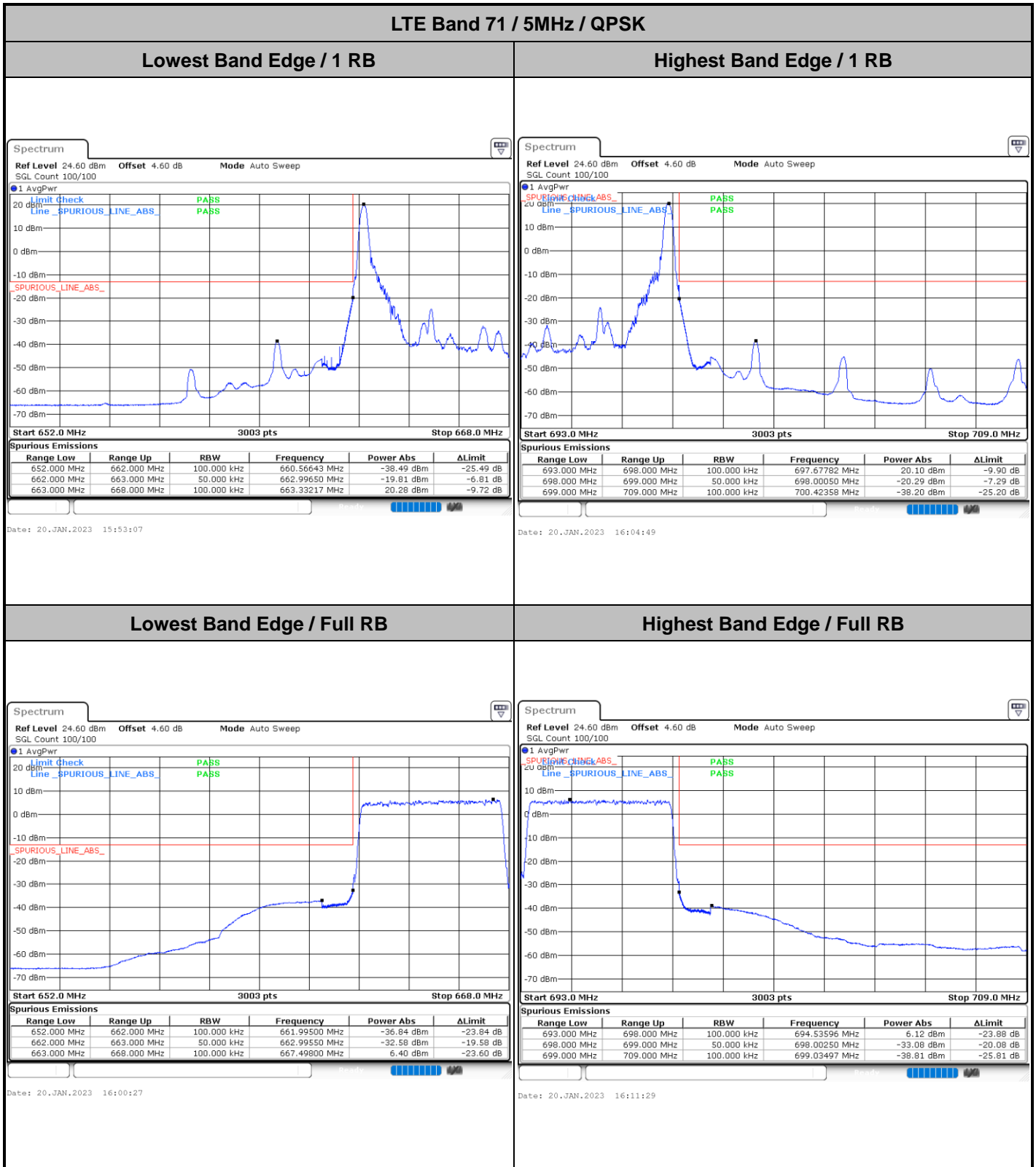


Date: 21\_JAN.2023 09:13:01





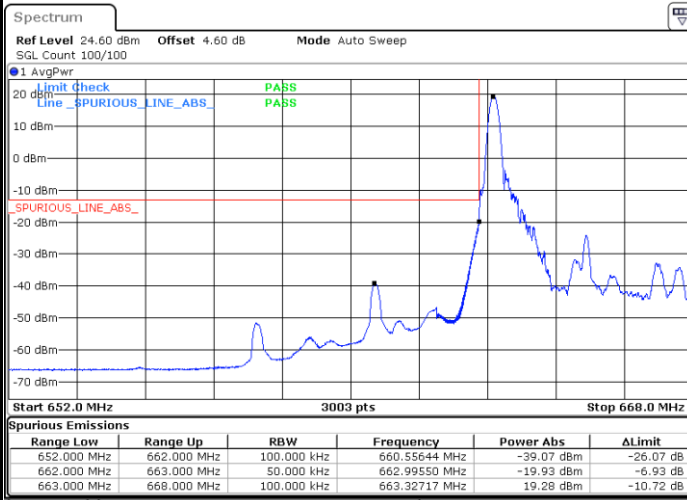
# Conducted Band Edge





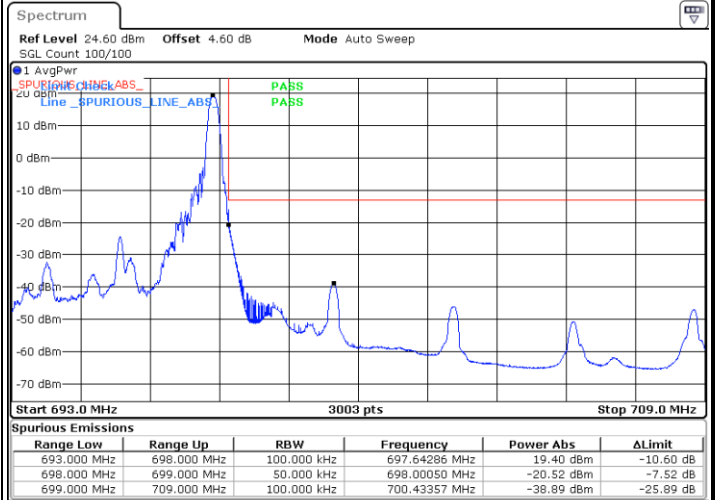
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



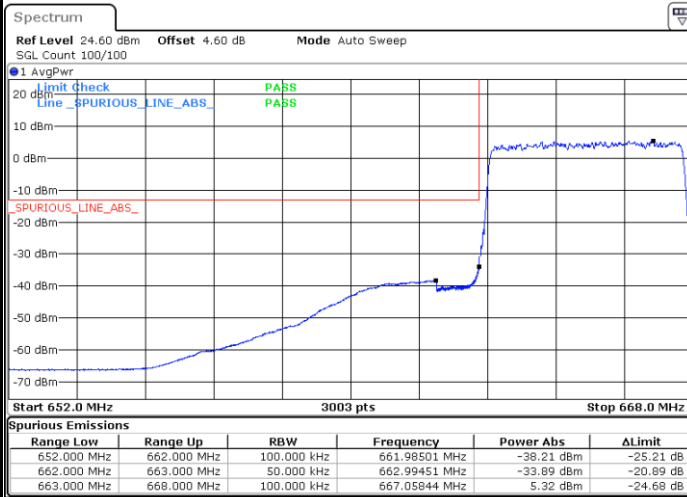
Date: 20.JAN.2023 15:54:47

Highest Band Edge / 1 RB



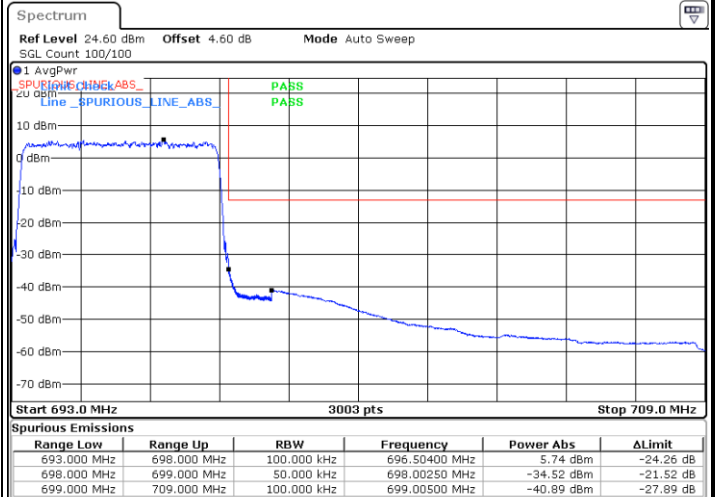
Date: 20.JAN.2023 16:06:09

Lowest Band Edge / Full RB



Date: 20.JAN.2023 15:59:08

Highest Band Edge / Full RB

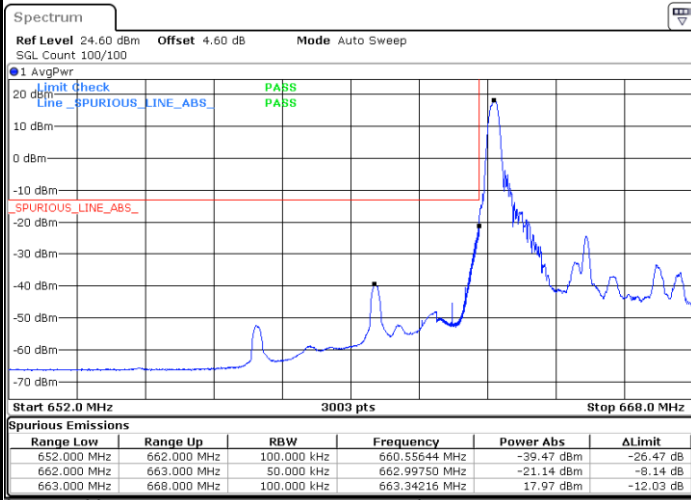


Date: 20.JAN.2023 16:10:09



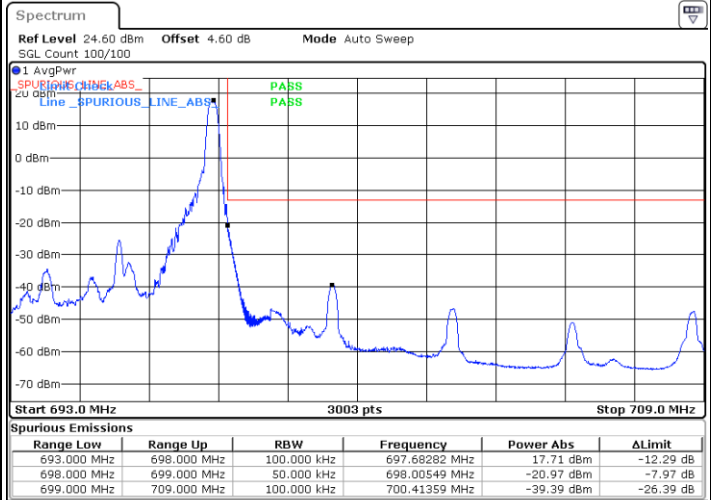
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



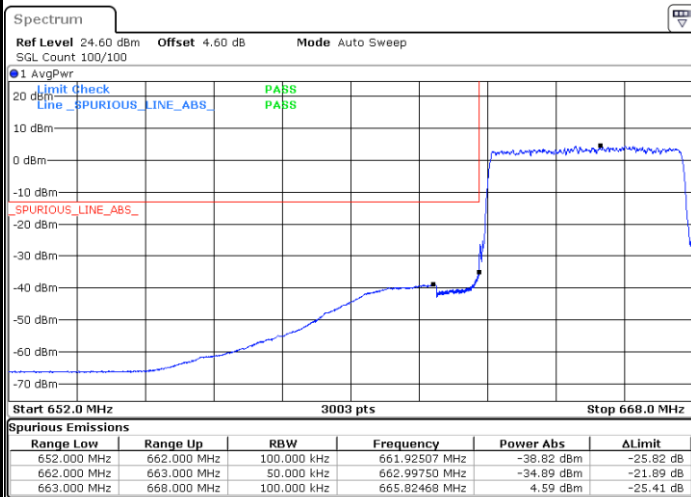
Date: 20. JAN. 2023 15:56:27

Highest Band Edge / 1 RB



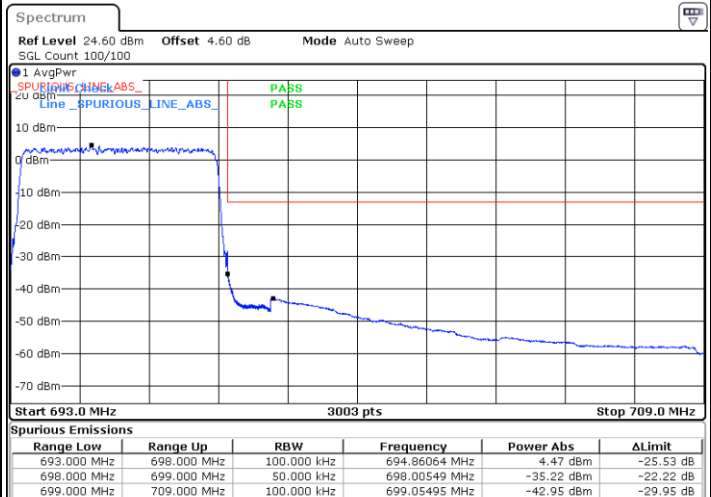
Date: 20. JAN. 2023 16:07:29

Lowest Band Edge / Full RB



Date: 20. JAN. 2023 15:57:47

Highest Band Edge / Full RB

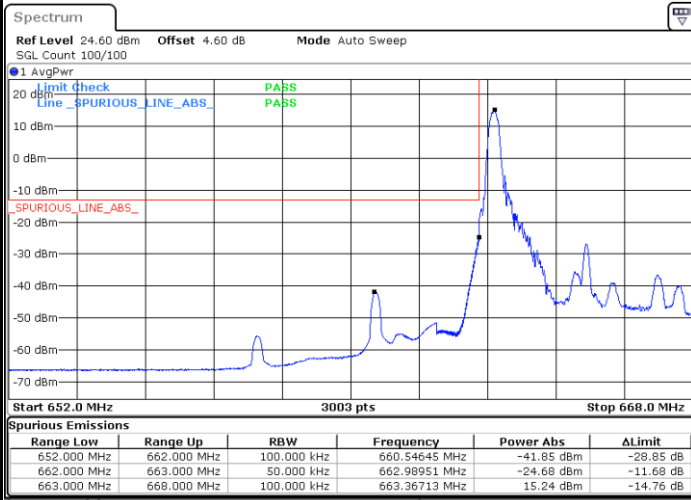


Date: 20. JAN. 2023 16:08:49



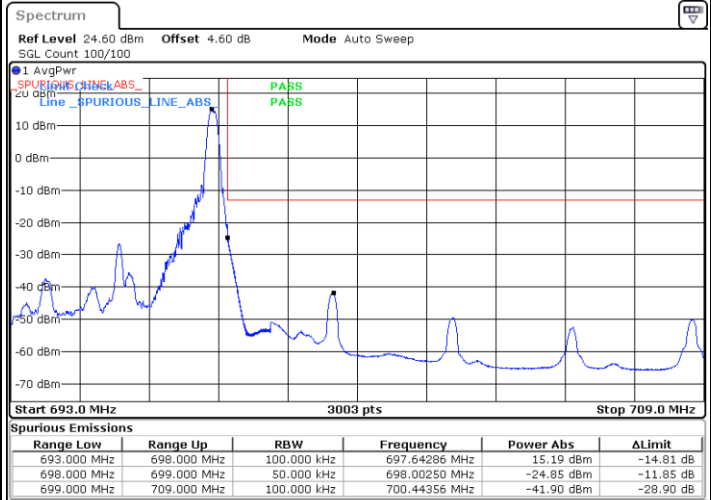
LTE Band 71 / 5MHz / 256QAM

Lowest Band Edge / 1RB



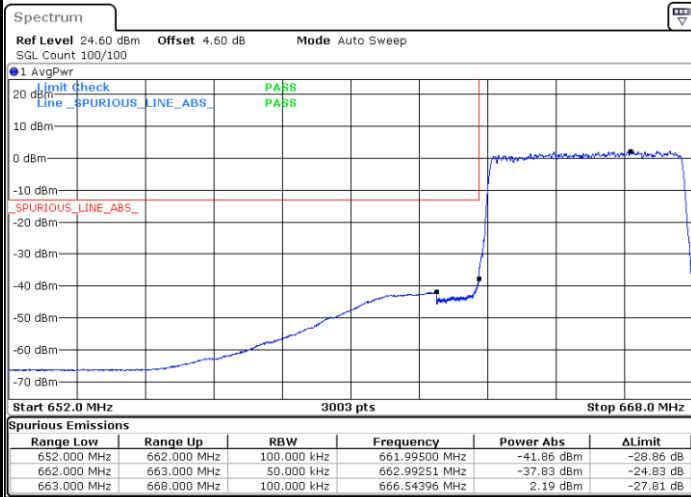
Date: 21.JAN.2023 09:52:32

Highest Band Edge / 1 RB



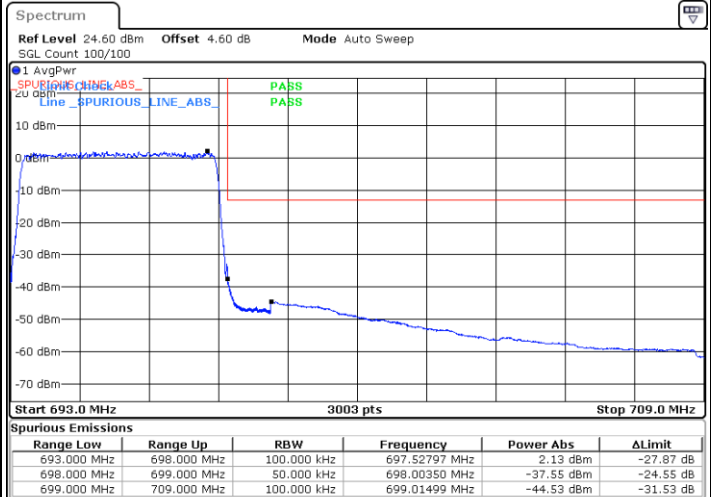
Date: 21.JAN.2023 09:46:47

Lowest Band Edge / Full RB



Date: 21.JAN.2023 09:50:00

Highest Band Edge / Full RB

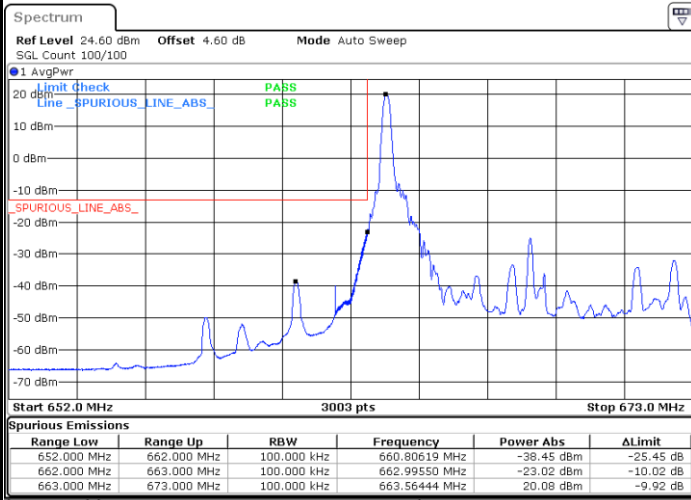


Date: 21.JAN.2023 09:48:19



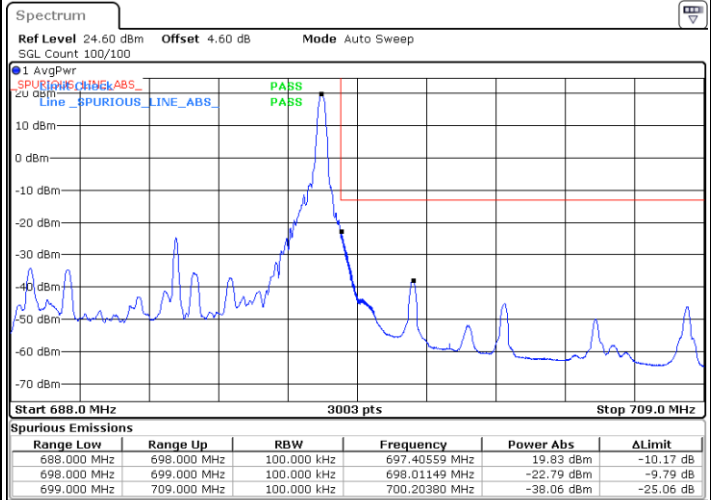
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



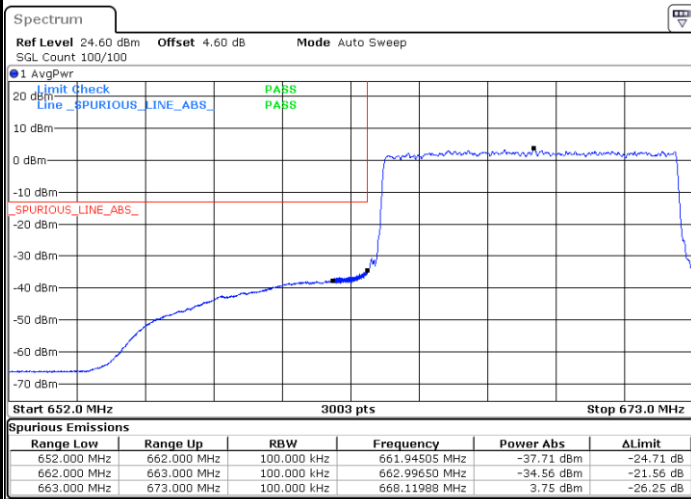
Date: 20.JAN.2023 16:19:28

Highest Band Edge / 1 RB



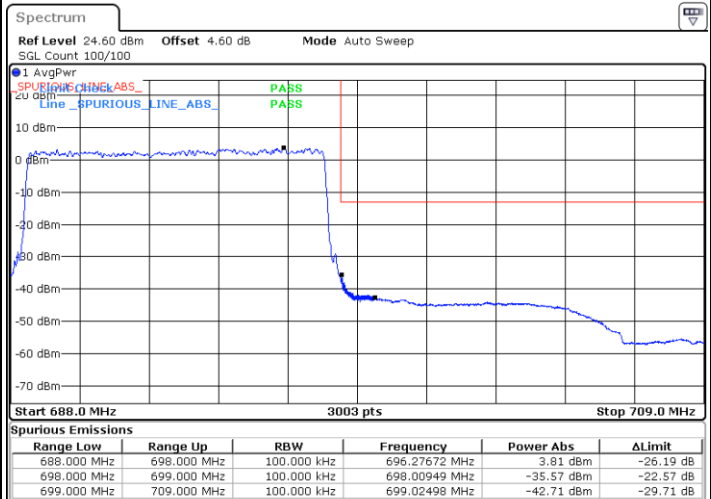
Date: 20.JAN.2023 16:24:39

Lowest Band Edge / Full RB



Date: 20.JAN.2023 16:12:50

Highest Band Edge / Full RB



Date: 20.JAN.2023 16:31:18