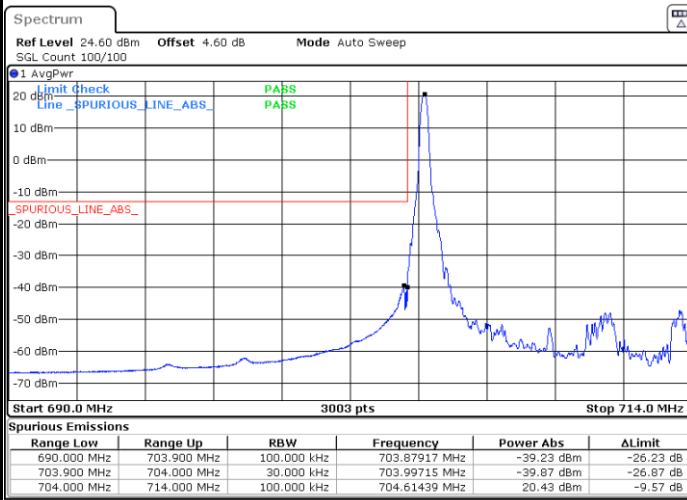




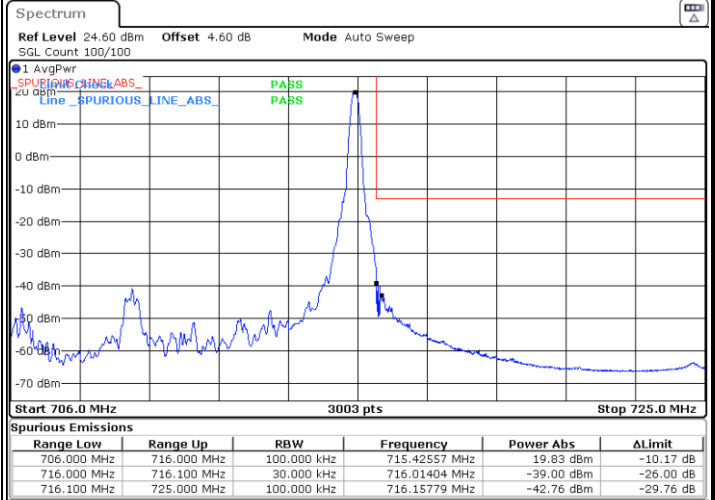
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



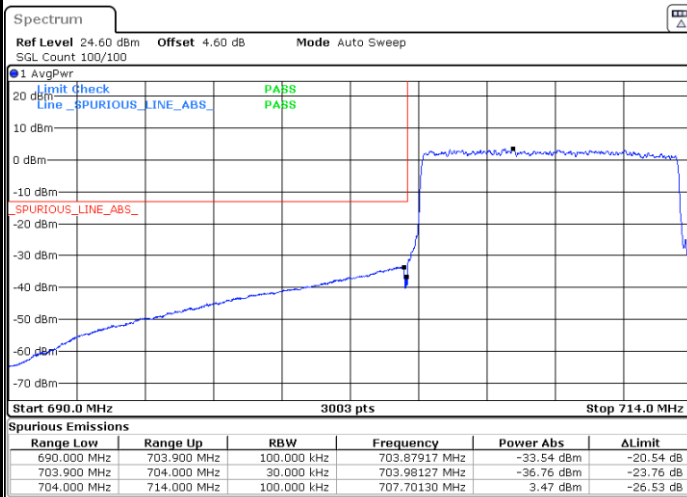
Date: 23.FEB.2023 04:04:52

Highest Band Edge / 1 RB



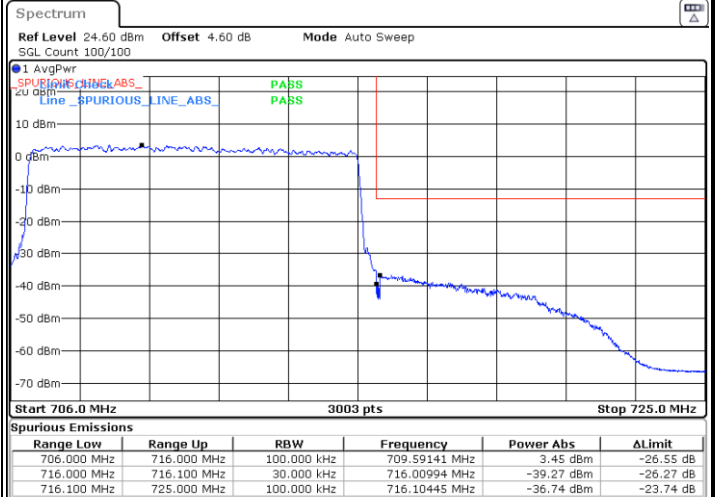
Date: 23.FEB.2023 04:17:21

Lowest Band Edge / Full RB



Date: 23.FEB.2023 03:59:42

Highest Band Edge / Full RB

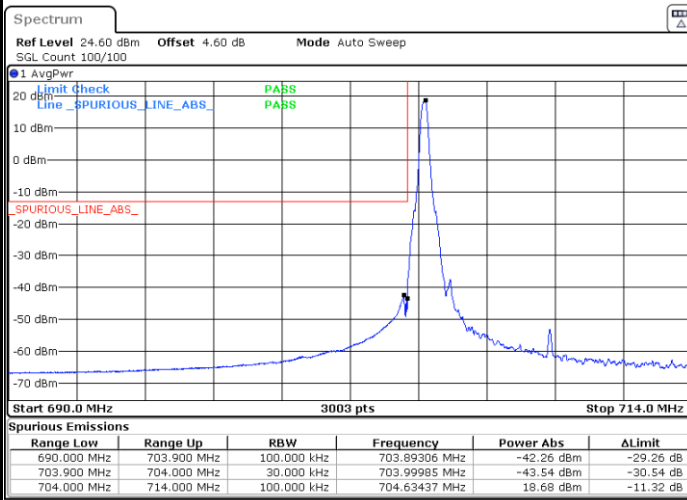


Date: 23.FEB.2023 04:24:07



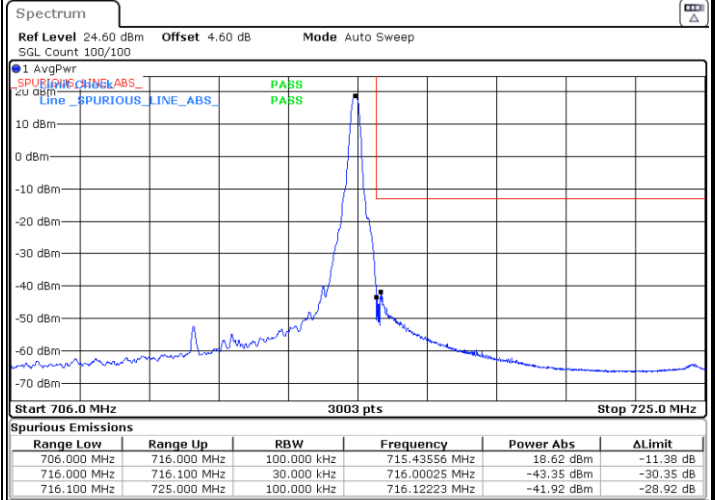
LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



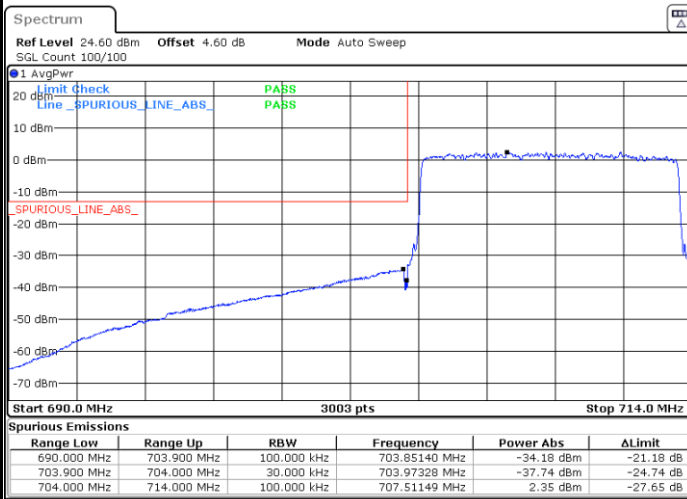
Date: 23.FEB.2023 04:06:34

Highest Band Edge / 1 RB



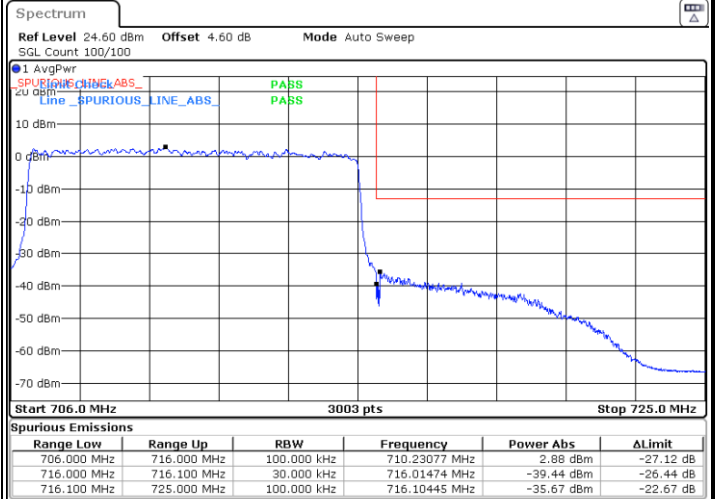
Date: 23.FEB.2023 04:19:02

Lowest Band Edge / Full RB



Date: 23.FEB.2023 04:38:08

Highest Band Edge / Full RB

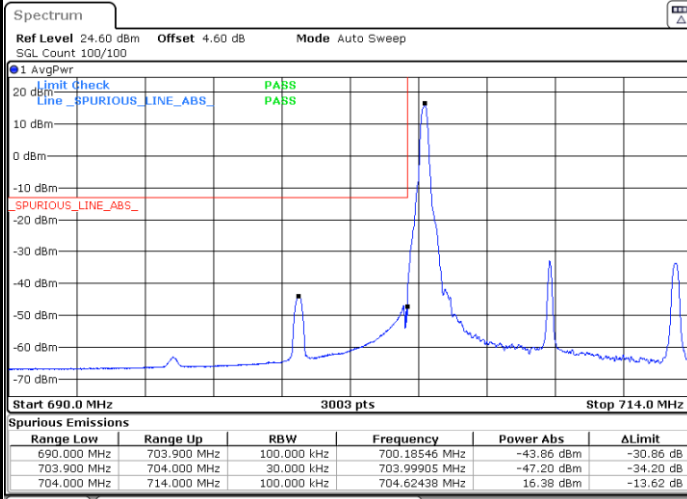


Date: 23.FEB.2023 04:25:50



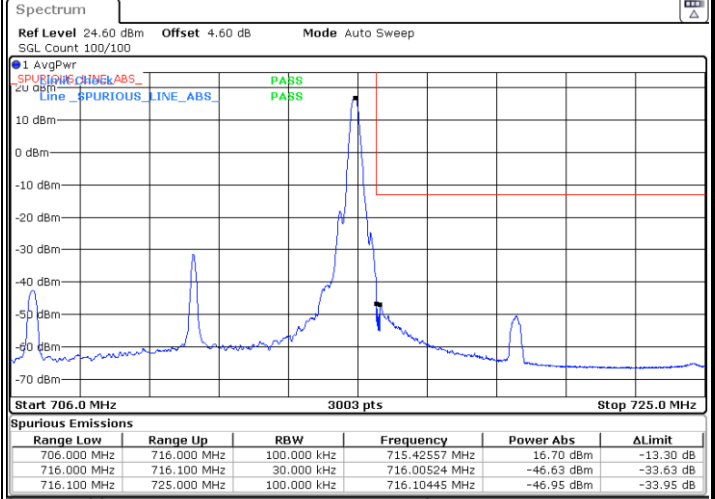
LTE Band 17 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



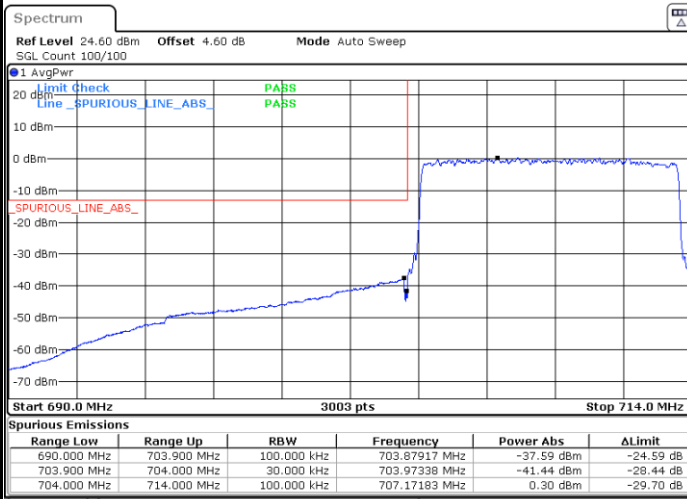
Date: 23.FEB.2023 04:09:16

Highest Band Edge / 1 RB



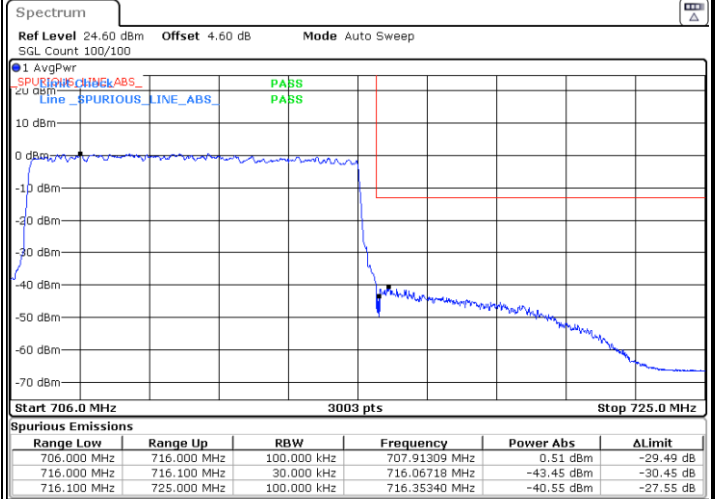
Date: 23.FEB.2023 04:20:42

Lowest Band Edge / Full RB



Date: 23.FEB.2023 04:01:25

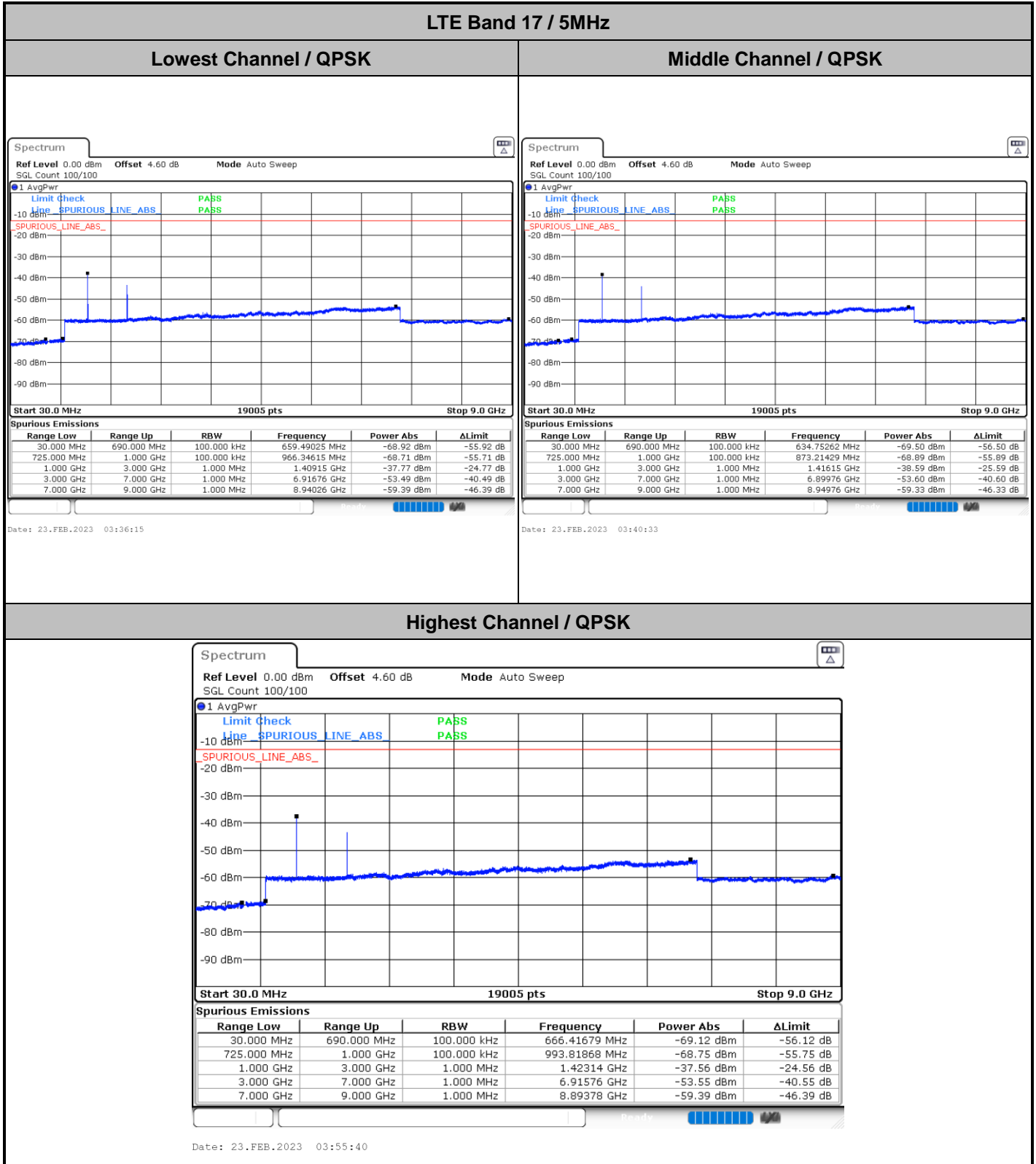
Highest Band Edge / Full RB



Date: 23.FEB.2023 04:27:31



# Conducted Spurious Emission

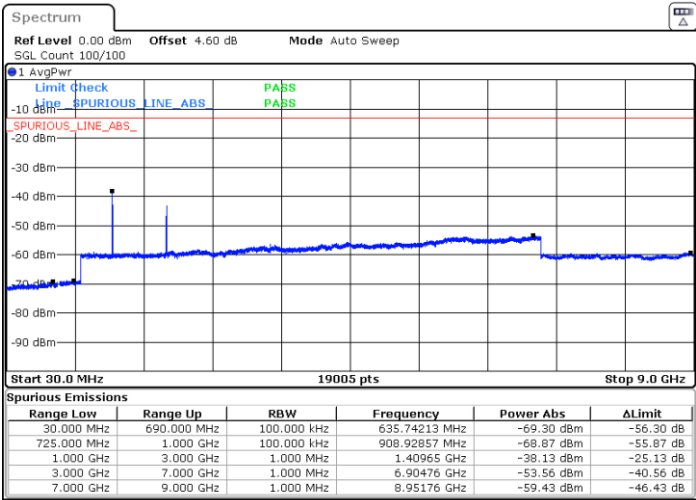




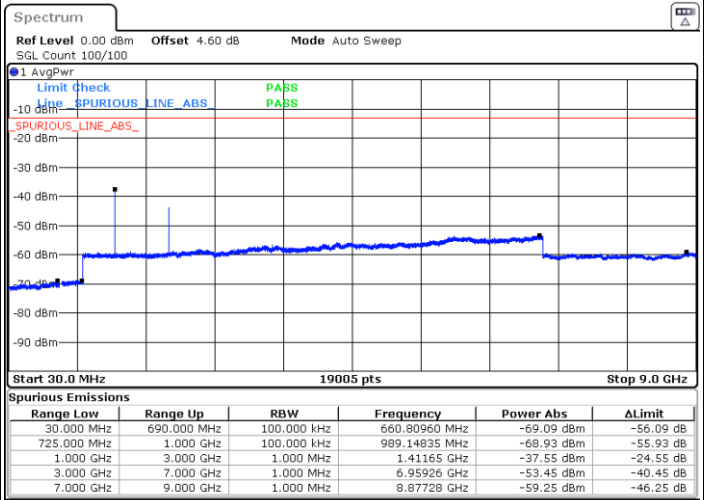
LTE Band 17 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

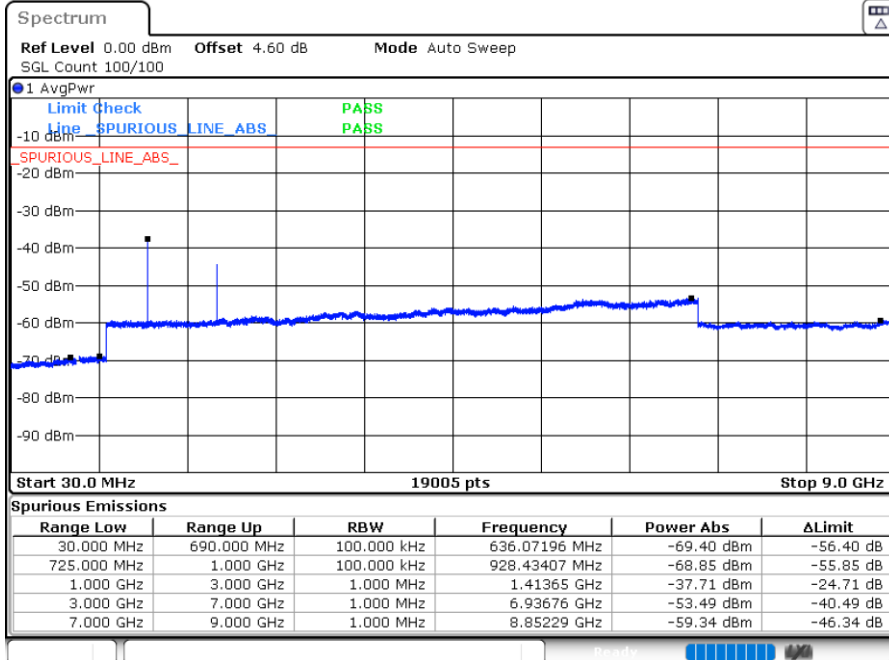


Date: 23.FEB.2023 04:09:43



Date: 23.FEB.2023 04:11:05

Highest Channel / QPSK



Date: 23.FEB.2023 04:13:59



Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0085	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0099	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0071	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0002	

Note:

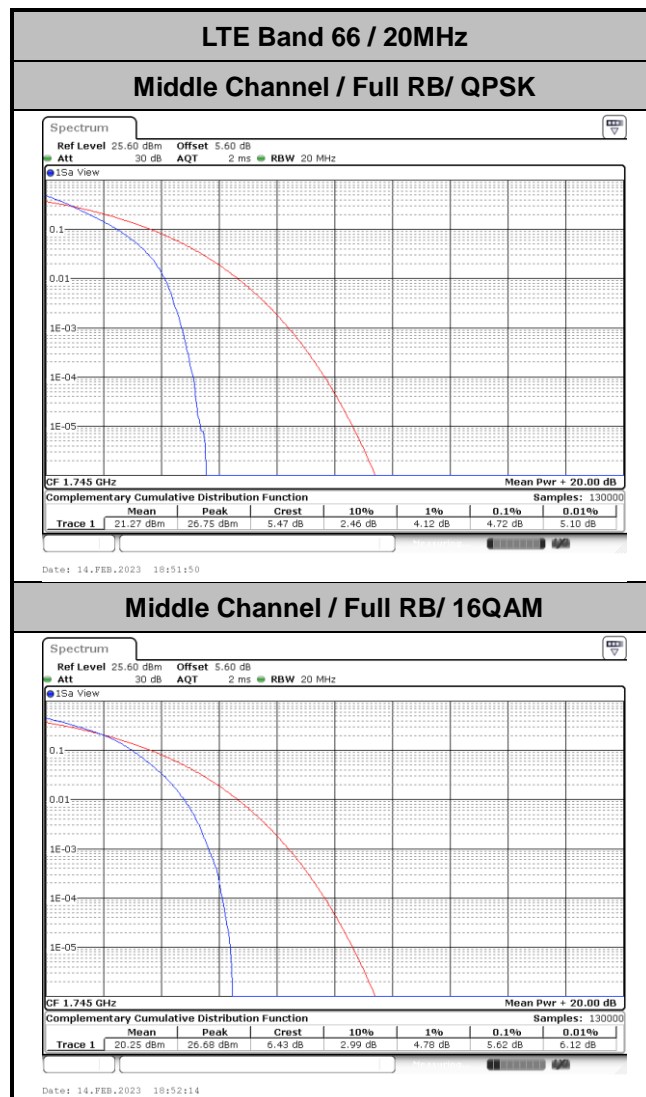
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.41 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

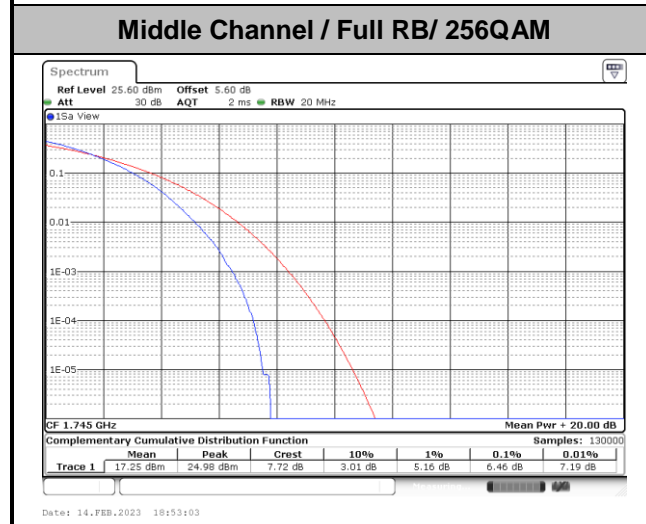
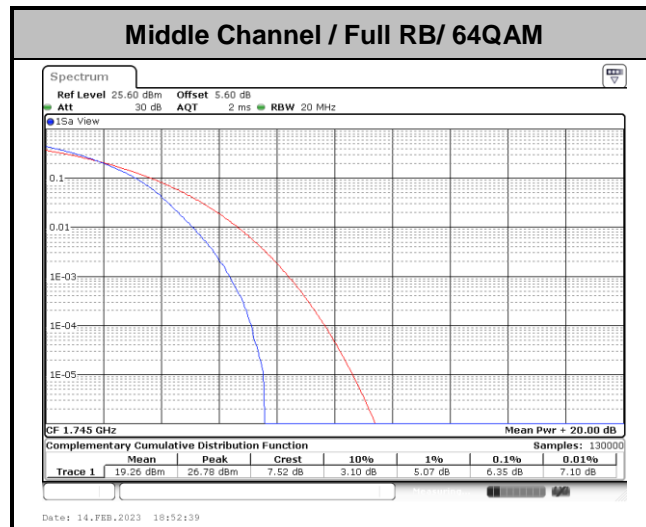


# LTE Band 66

## Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.72	5.62	6.35	6.46	PASS









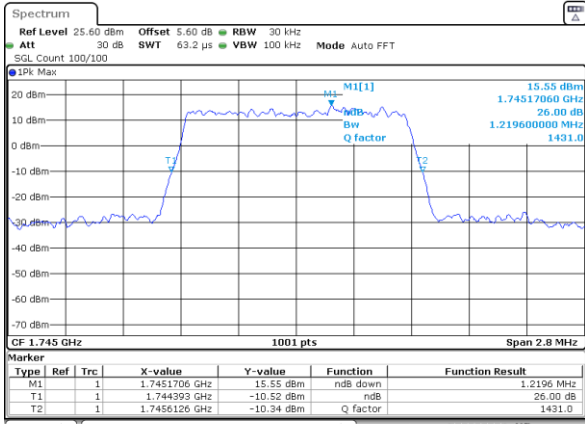
**26dB Bandwidth**

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.22	1.21
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.05	3.03
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.91	4.88
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.73	9.75
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.42	14.42
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.74	18.90



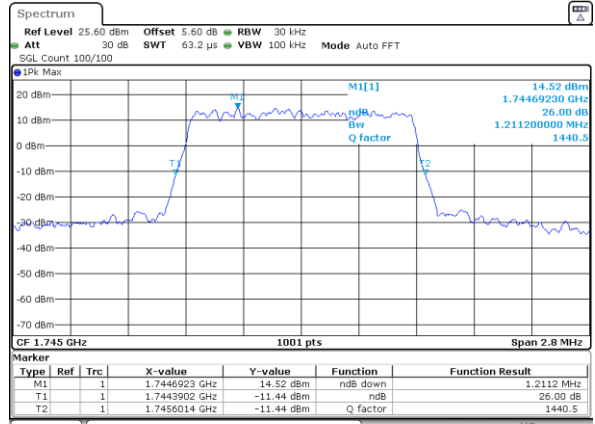
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 17.FEB.2023 01:57:43

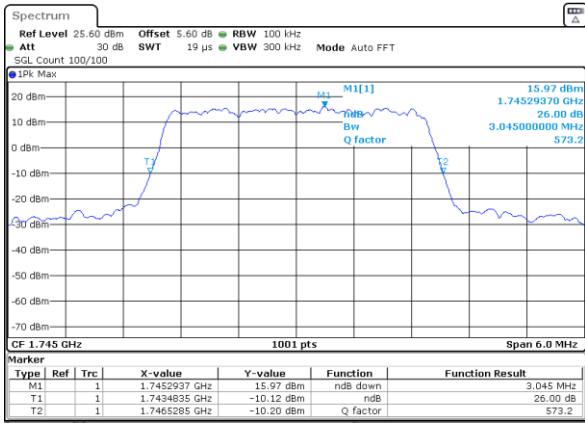
Middle Channel / 1.4MHz / 16QAM



Date: 17.FEB.2023 01:58:04

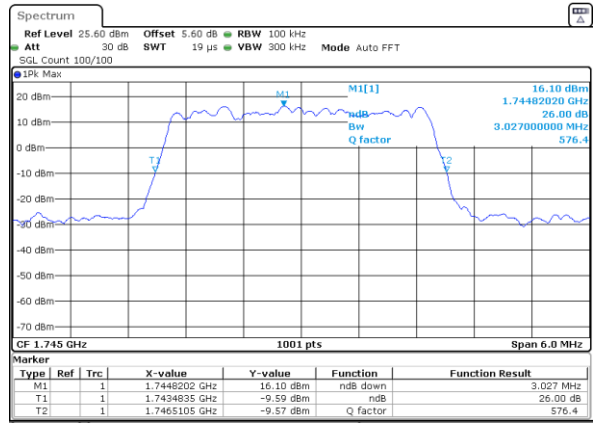
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 17.FEB.2023 01:59:10

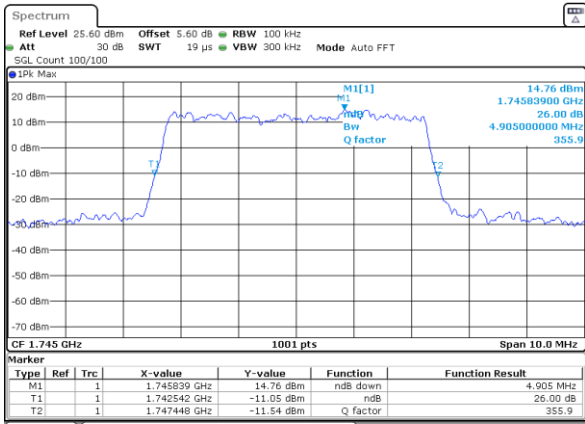
Middle Channel / 3MHz / 16QAM



Date: 17.FEB.2023 01:59:32

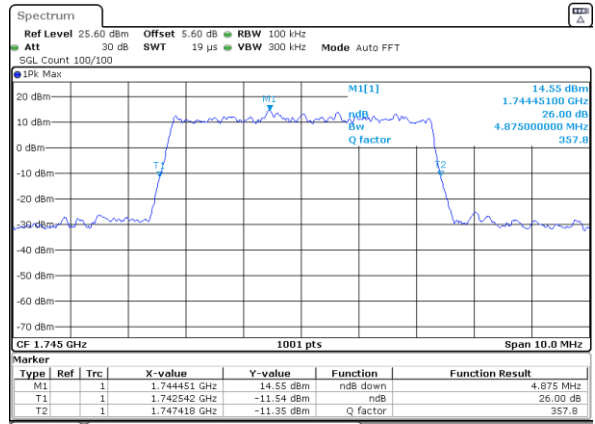
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 17.FEB.2023 02:00:38

Middle Channel / 5MHz / 16QAM

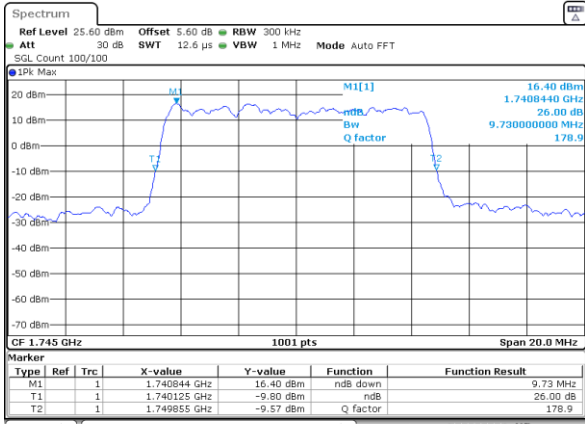


Date: 17.FEB.2023 02:00:59



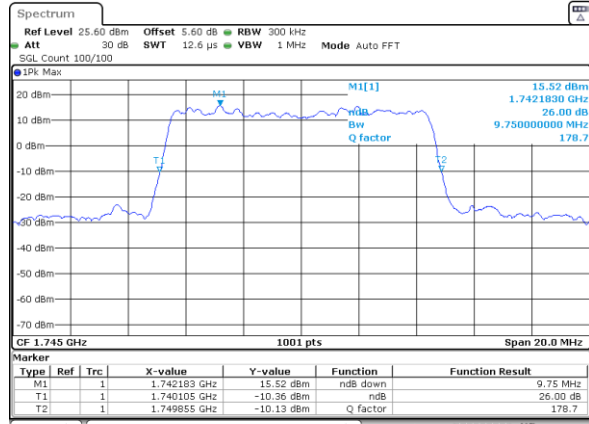
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 17.FEB.2023 02:02:05

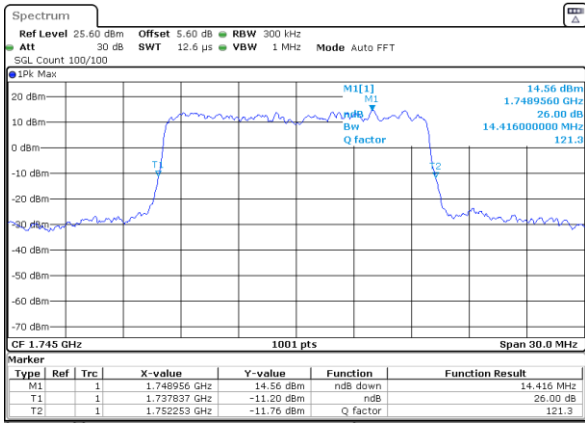
Middle Channel / 10MHz / 16QAM



Date: 17.FEB.2023 02:02:27

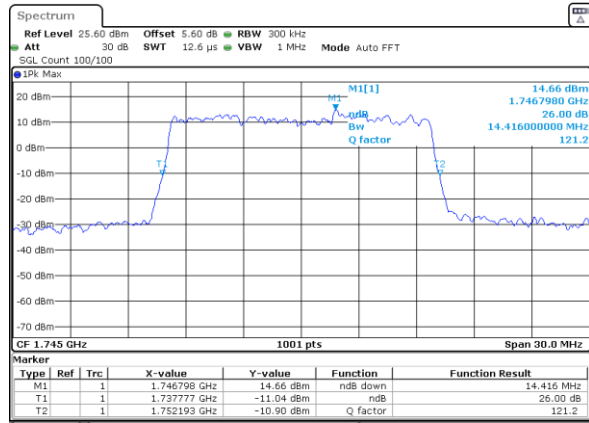
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 17.FEB.2023 02:03:32

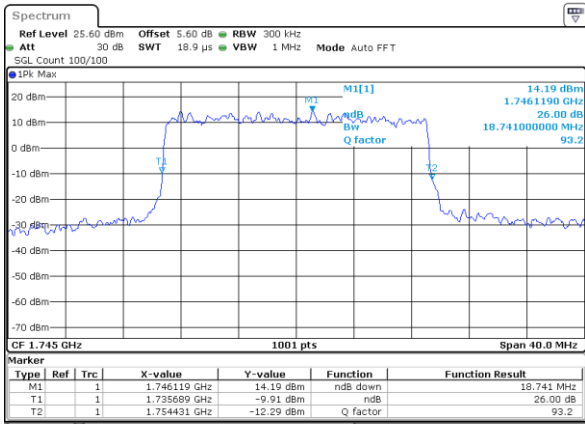
Middle Channel / 15MHz / 16QAM



Date: 17.FEB.2023 02:03:54

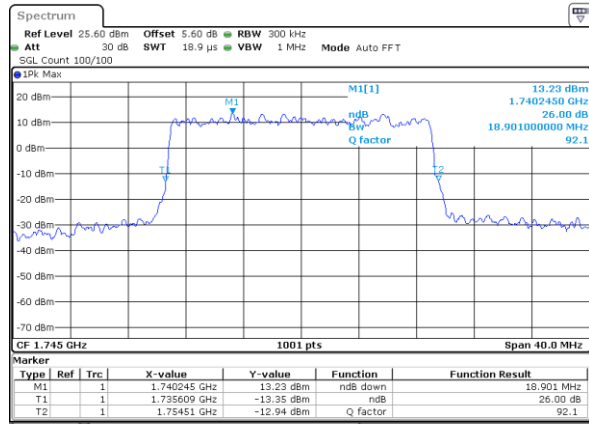
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 14.FEB.2023 18:51:04

Middle Channel / 20MHz / 16QAM



Date: 14.FEB.2023 18:51:26



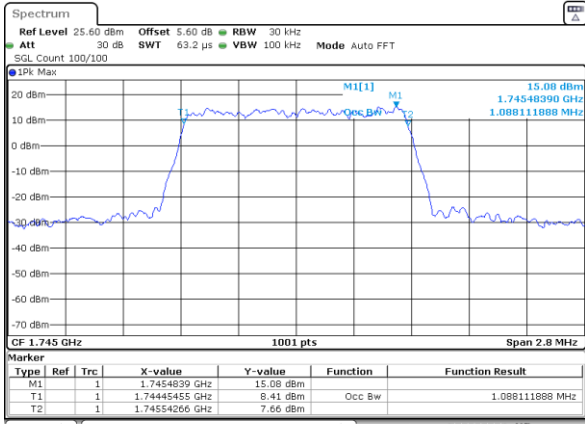
### Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
<b>BW</b>	<b>1.4MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	1.09	1.10
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	2.72	2.71
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.50	4.49
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.11	9.05
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.43	13.49
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.86	17.90



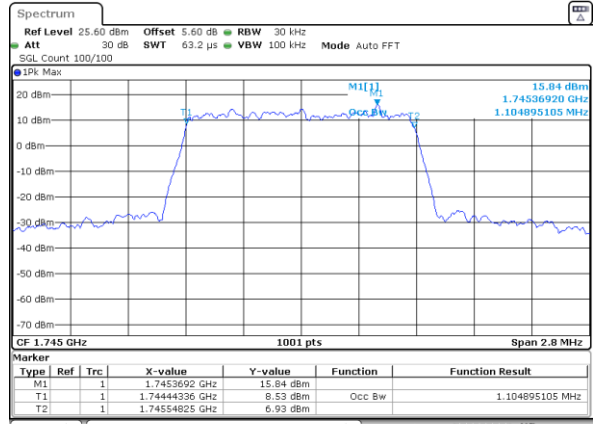
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 17\_FEB.2023 01:57:21

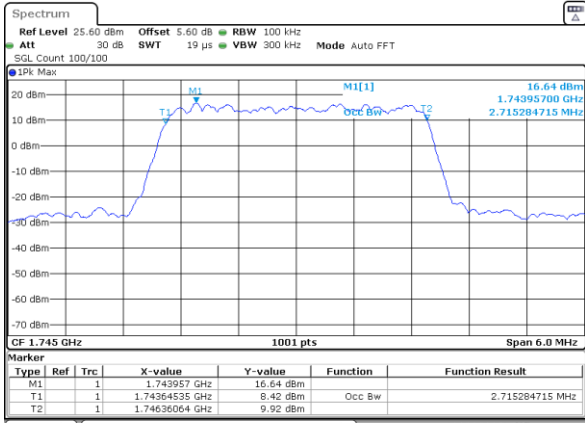
Middle Channel / 1.4MHz / 16QAM



Date: 17\_FEB.2023 01:58:26

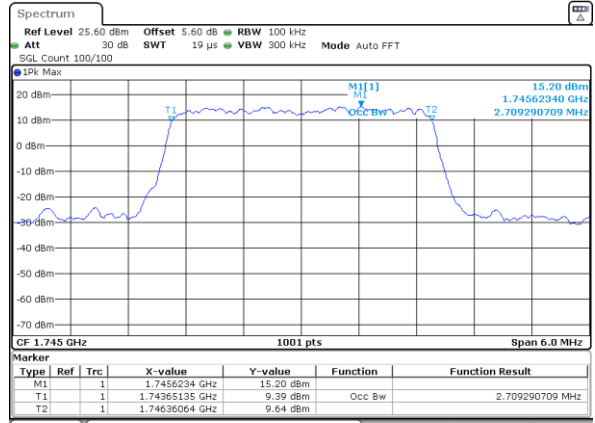
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 17\_FEB.2023 01:58:48

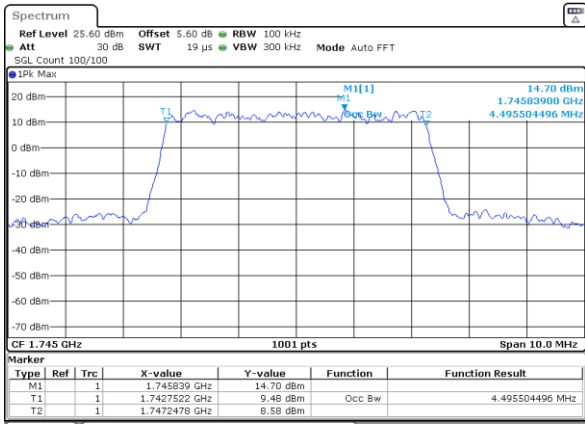
Middle Channel / 3MHz / 16QAM



Date: 17\_FEB.2023 01:59:53

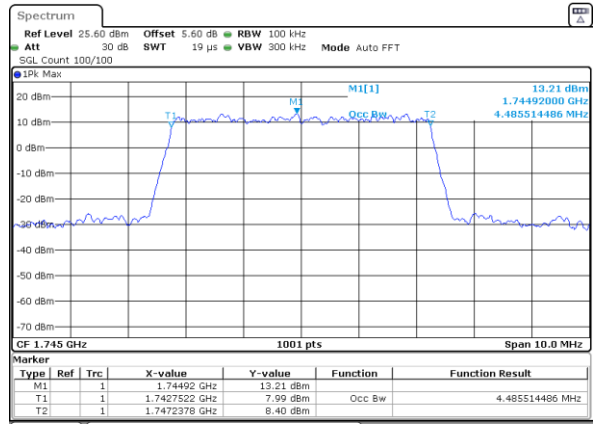
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 17\_FEB.2023 02:00:16

Middle Channel / 5MHz / 16QAM

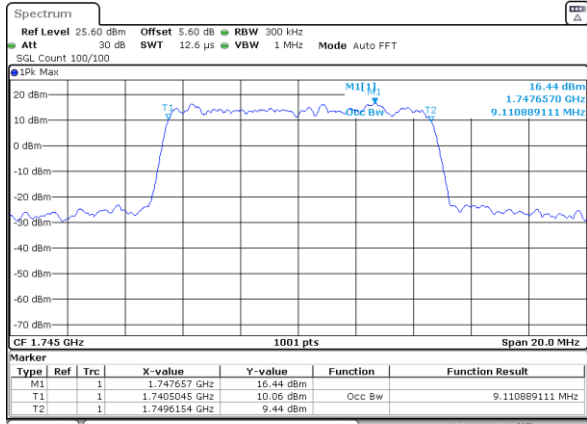


Date: 17\_FEB.2023 02:01:21



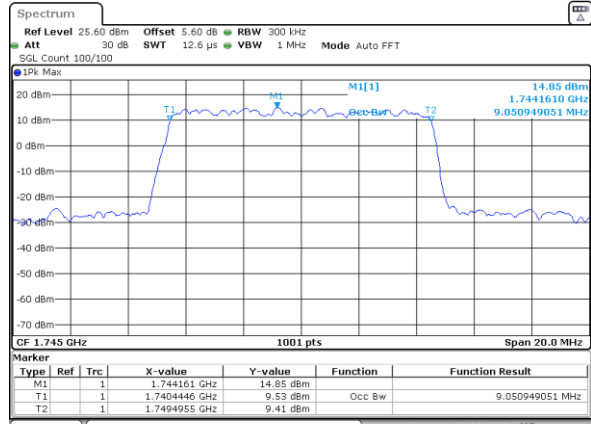
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 17.FEB.2023 02:01:43

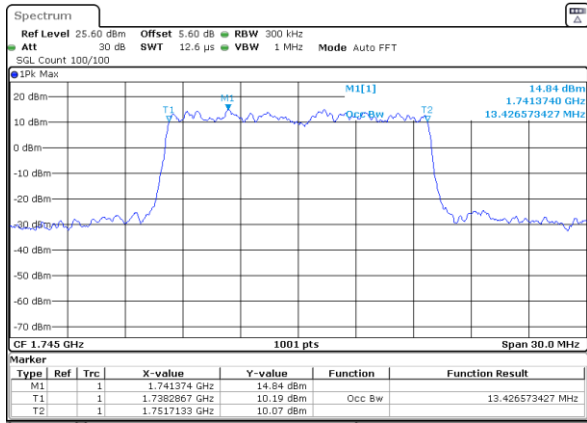
Middle Channel / 10MHz / 16QAM



Date: 17.FEB.2023 02:02:48

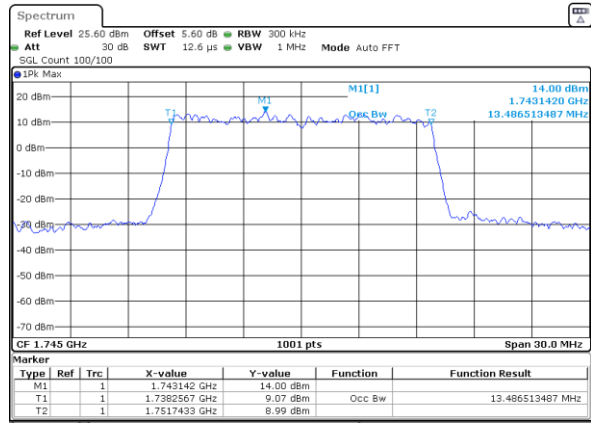
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 17.FEB.2023 02:03:11

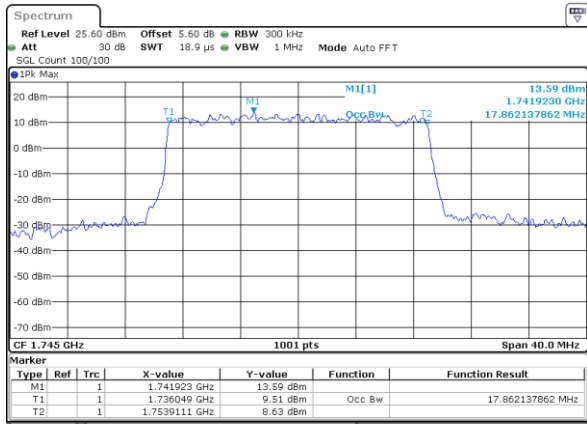
Middle Channel / 15MHz / 16QAM



Date: 17.FEB.2023 02:04:16

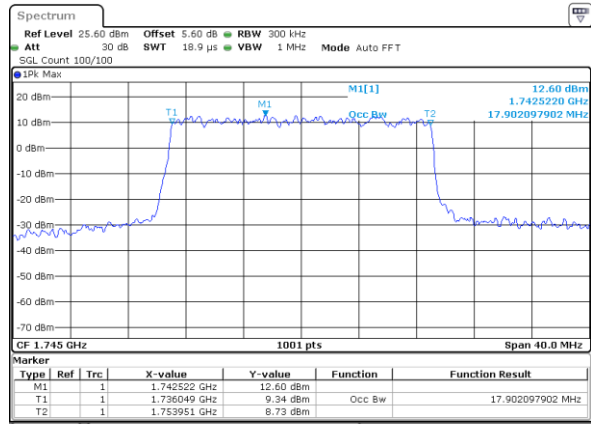
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 14.FEB.2023 18:50:18

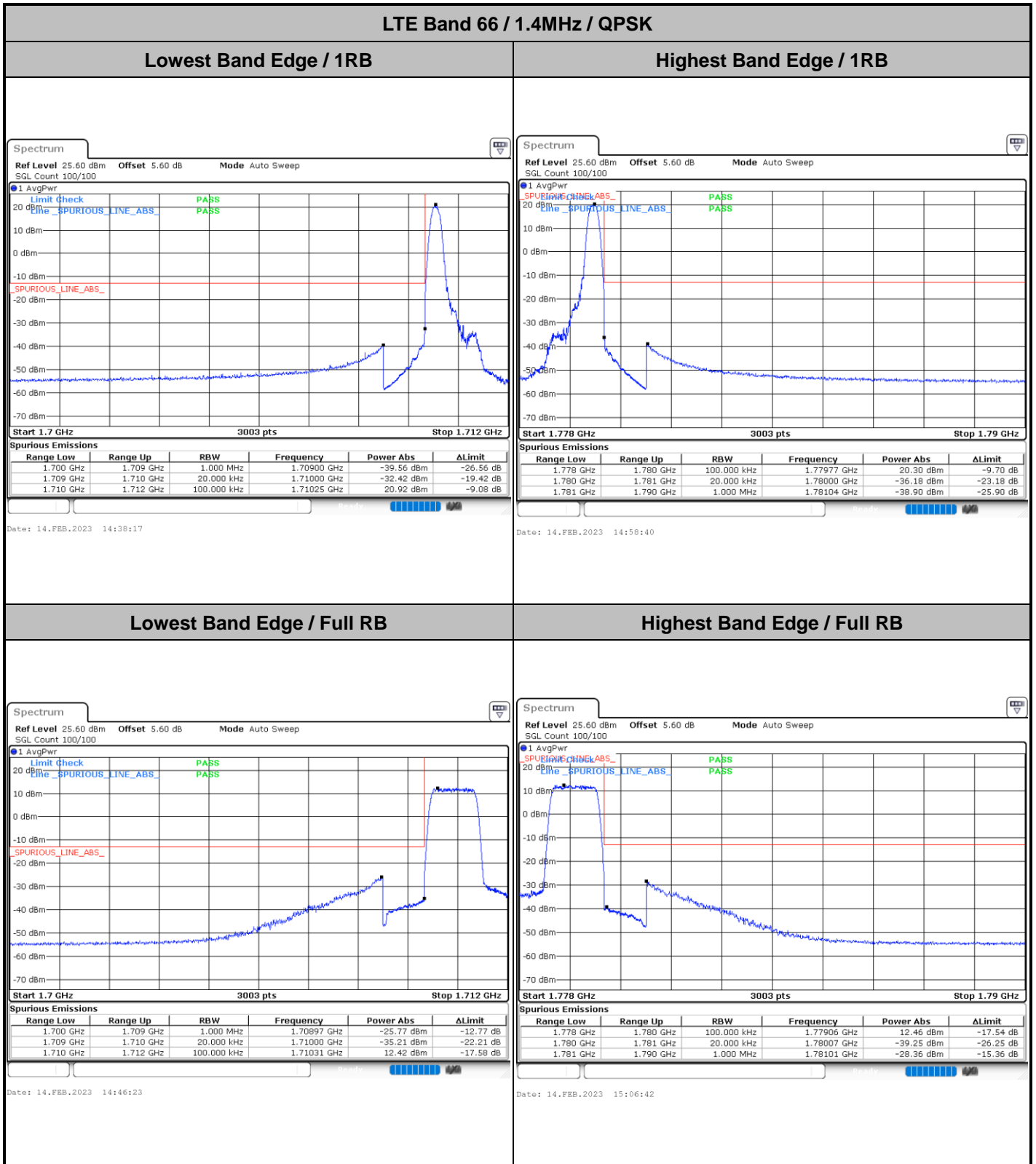
Middle Channel / 20MHz / 16QAM



Date: 14.FEB.2023 18:50:41



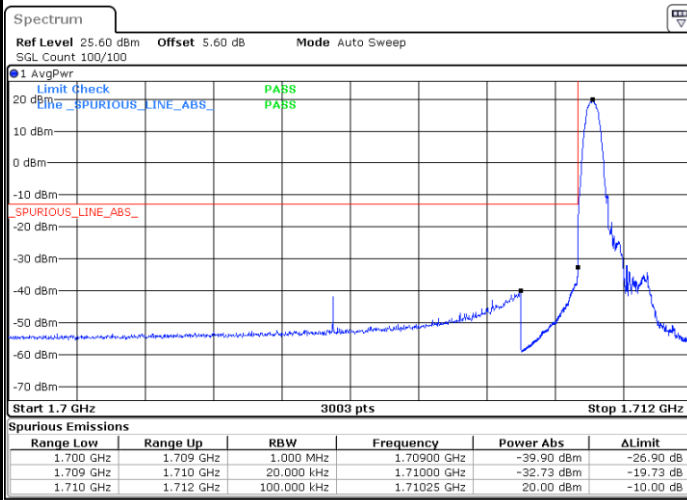
# Conducted Band Edge





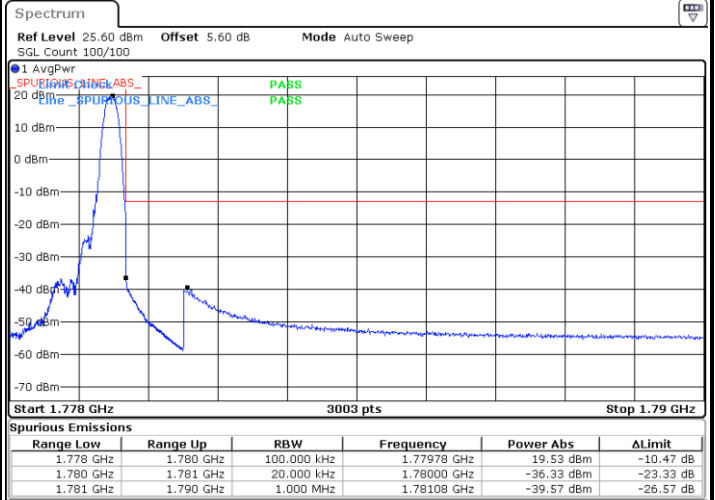
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



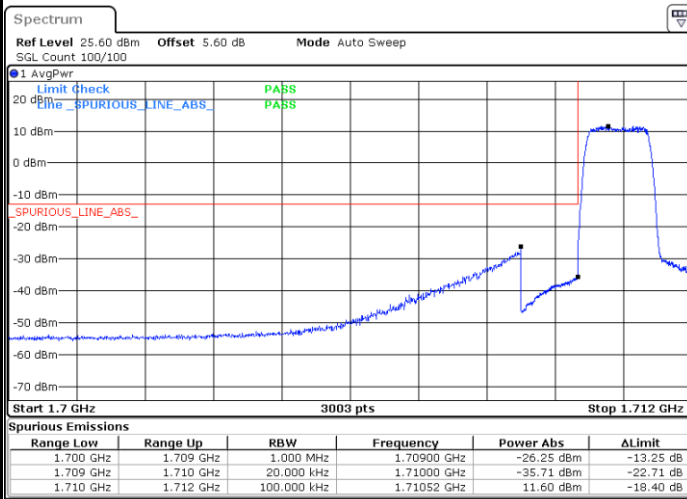
Date: 14.FEB.2023 14:40:18

Highest Band Edge / 1 RB



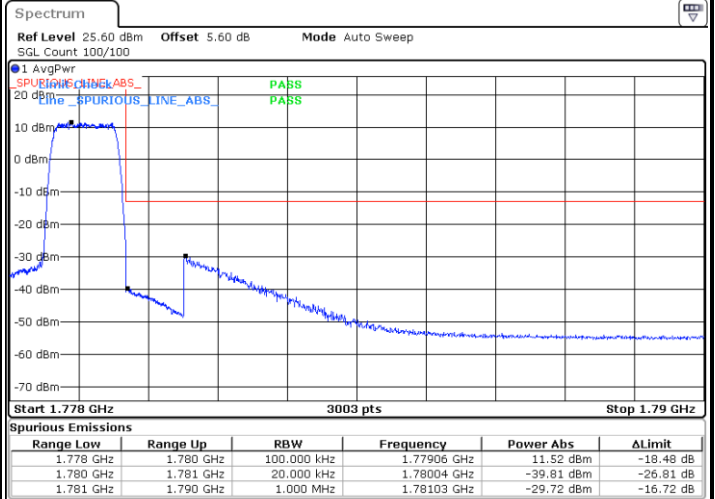
Date: 14.FEB.2023 15:00:40

Lowest Band Edge / Full RB



Date: 14.FEB.2023 14:48:23

Highest Band Edge / Full RB



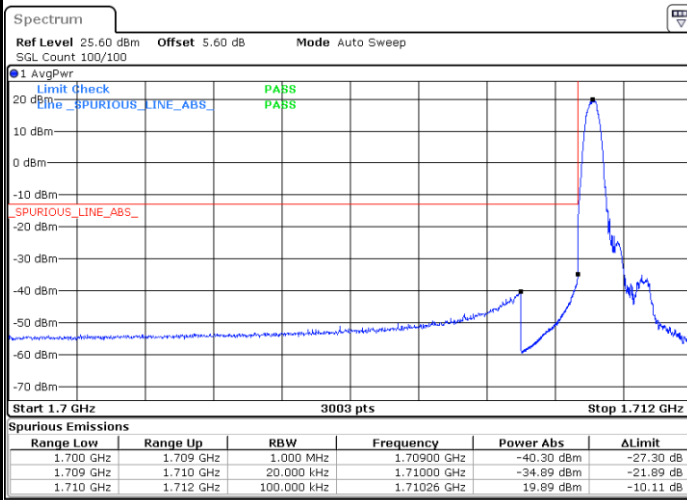
Date: 14.FEB.2023 15:08:43





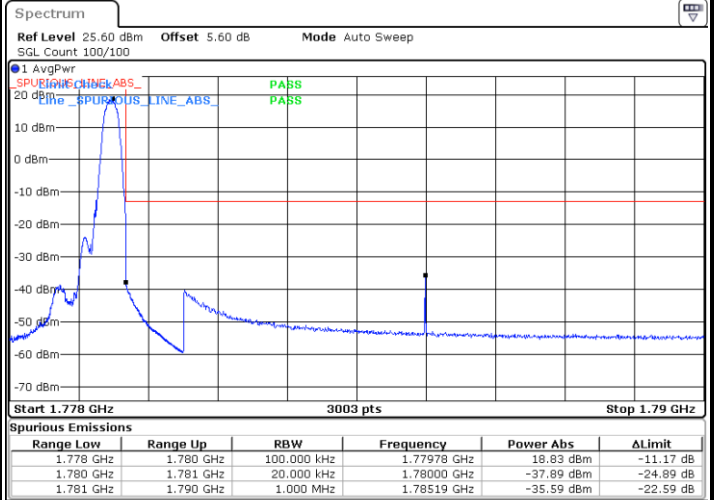
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



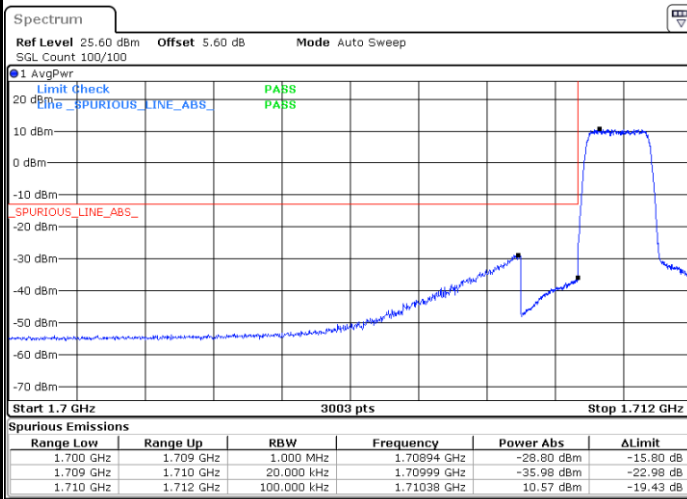
Date: 14.FEB.2023 14:42:18

Highest Band Edge / 1 RB



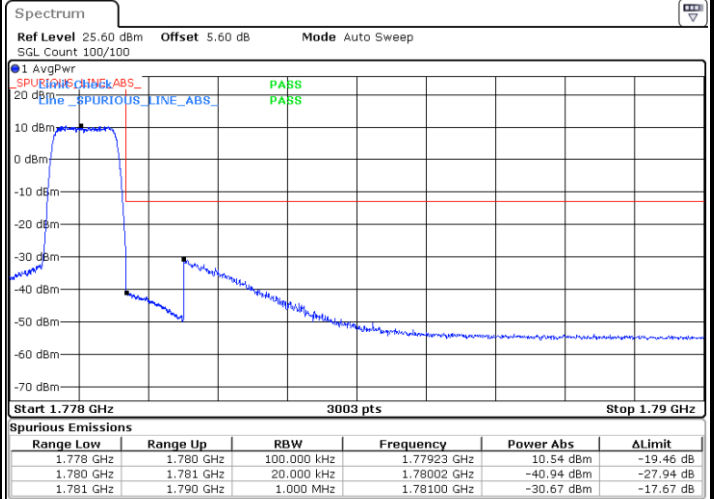
Date: 14.FEB.2023 15:02:41

Lowest Band Edge / Full RB



Date: 14.FEB.2023 14:50:24

Highest Band Edge / Full RB

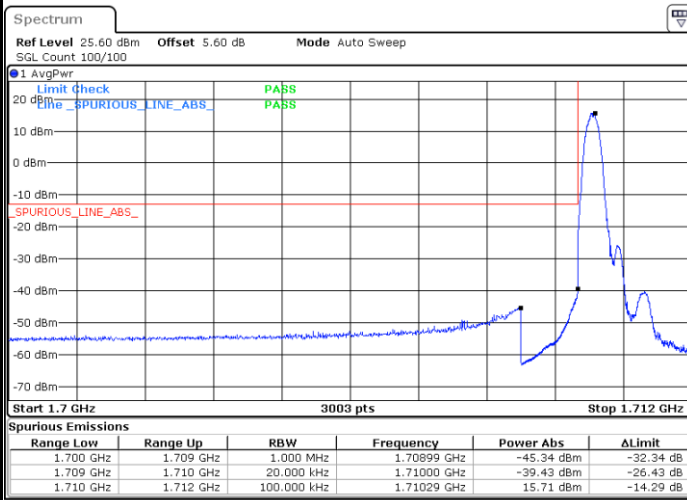


Date: 14.FEB.2023 15:10:43



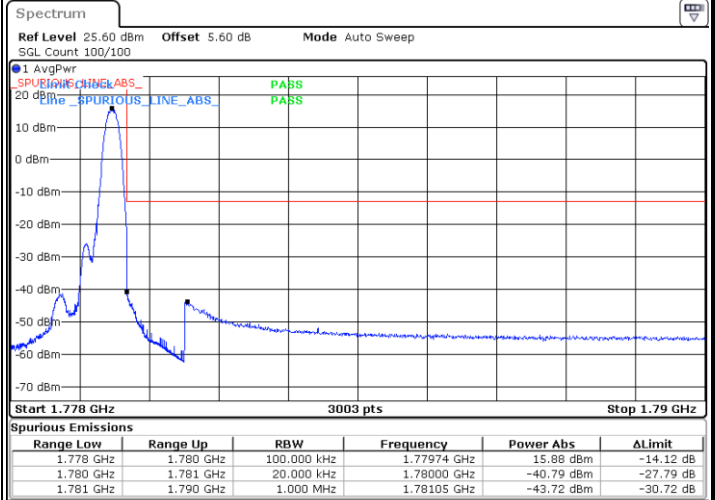
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



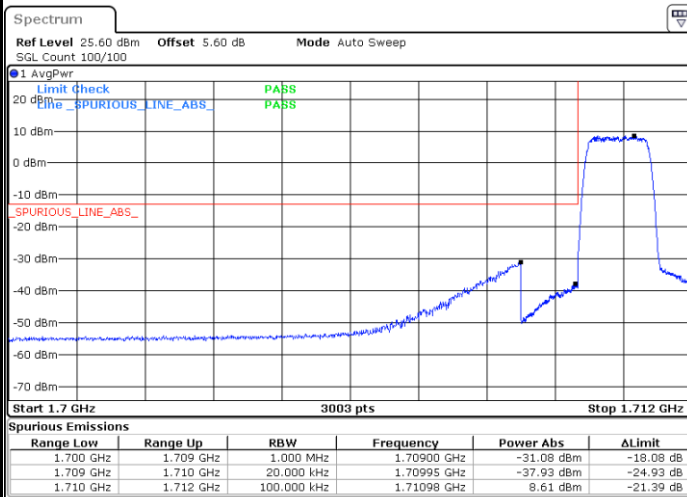
Date: 14.FEB.2023 14:44:19

Highest Band Edge / 1 RB



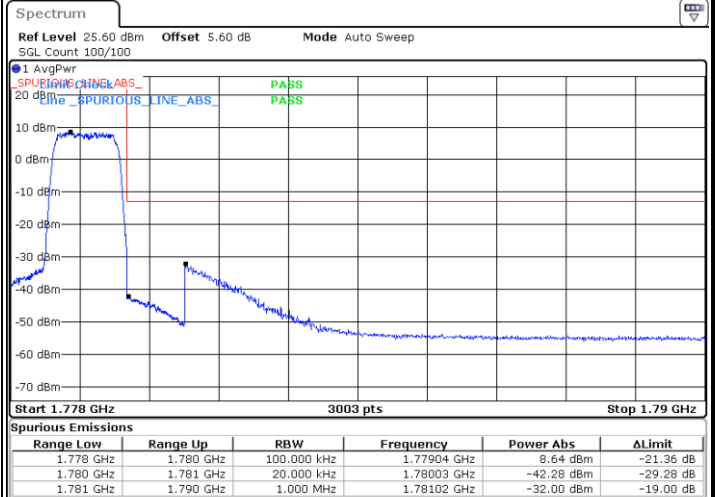
Date: 14.FEB.2023 15:04:41

Lowest Band Edge / Full RB



Date: 14.FEB.2023 14:52:24

Highest Band Edge / Full RB

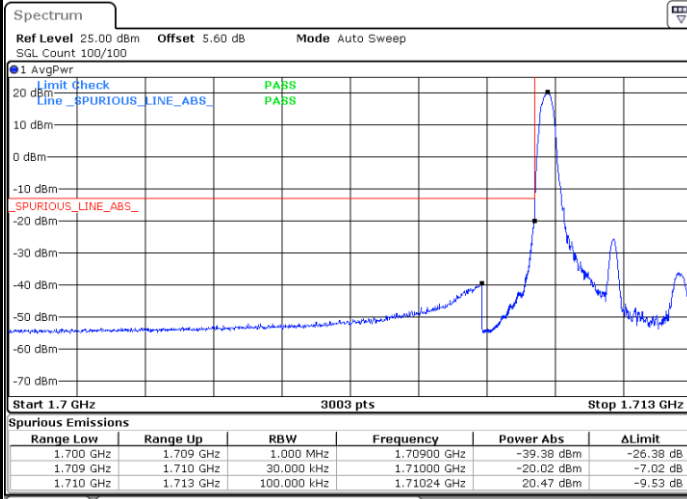


Date: 14.FEB.2023 15:12:44



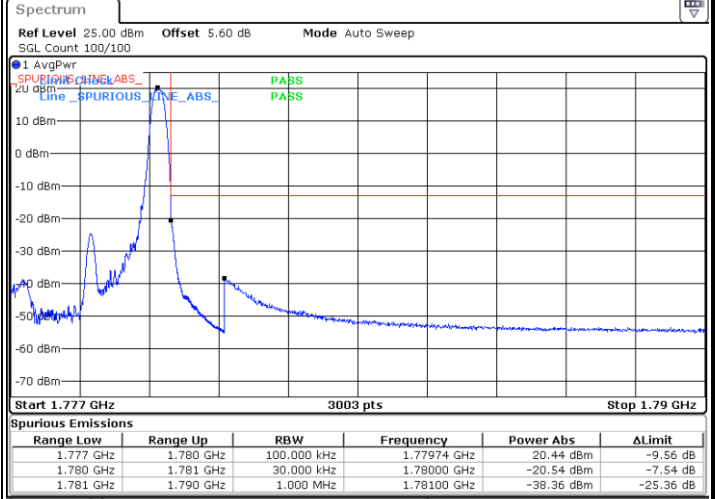
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



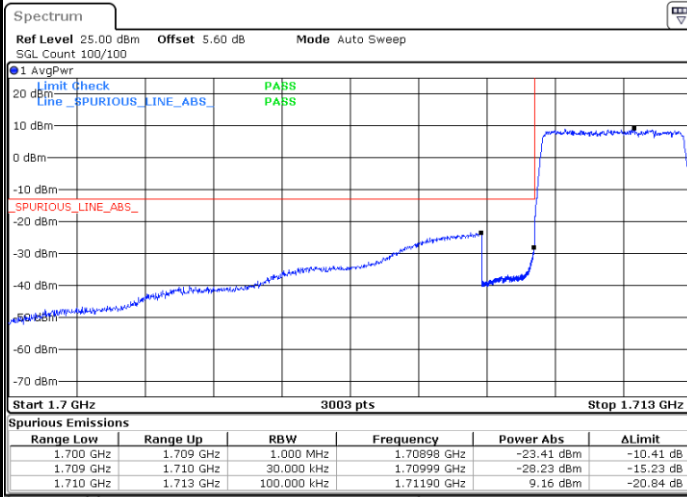
Date: 14.FEB.2023 15:17:11

Highest Band Edge / 1 RB



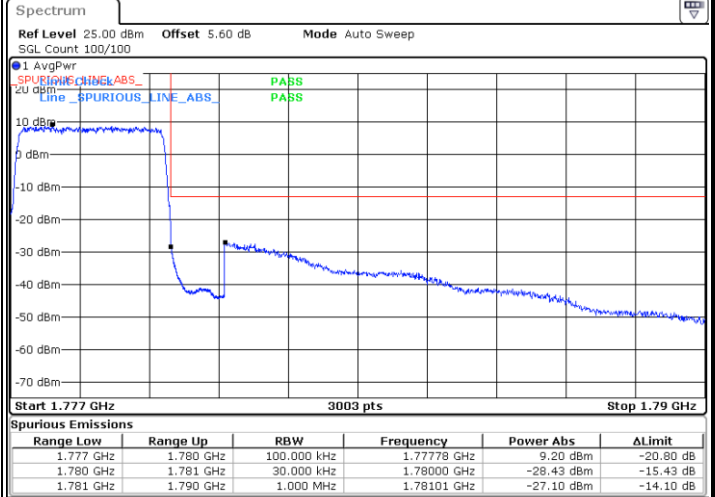
Date: 14.FEB.2023 15:36:00

Lowest Band Edge / Full RB



Date: 14.FEB.2023 15:25:16

Highest Band Edge / Full RB

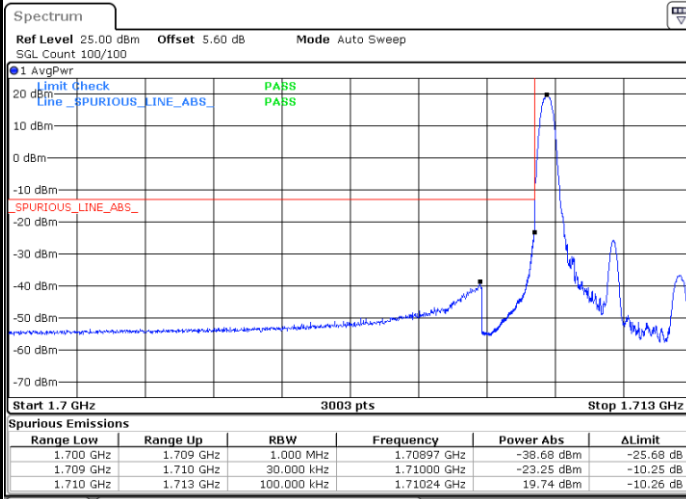


Date: 14.FEB.2023 15:44:02



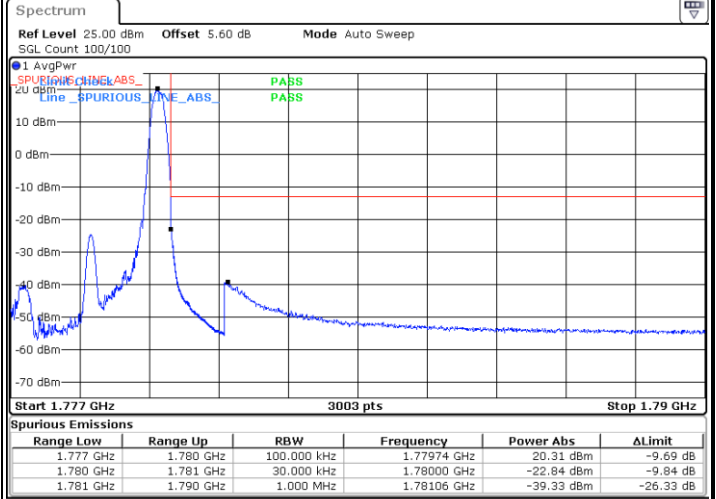
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



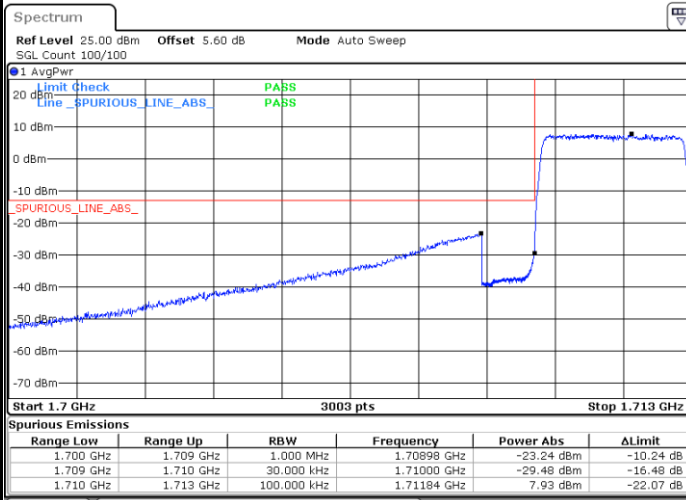
Date: 14.FEB.2023 15:19:12

Highest Band Edge / 1 RB



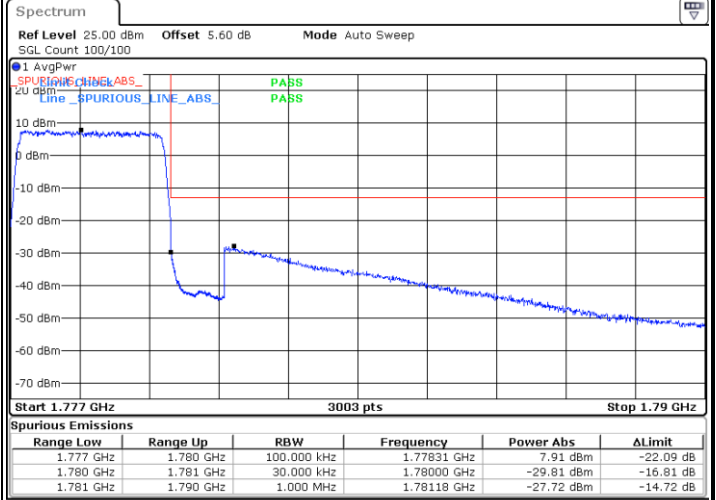
Date: 14.FEB.2023 15:38:00

Lowest Band Edge / Full RB



Date: 14.FEB.2023 15:27:17

Highest Band Edge / Full RB

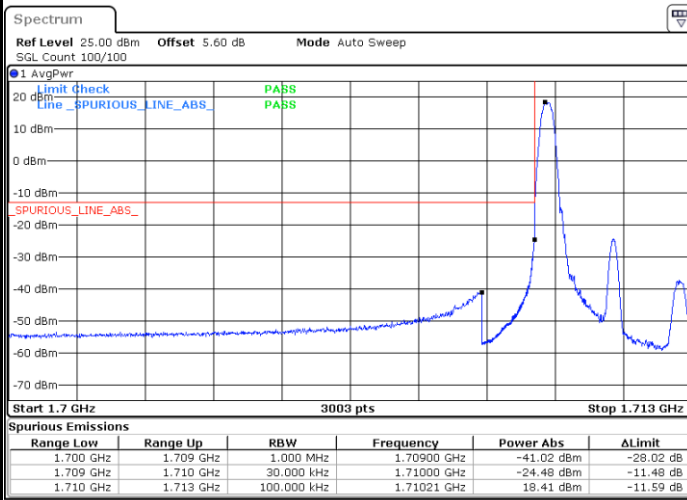


Date: 14.FEB.2023 15:46:02



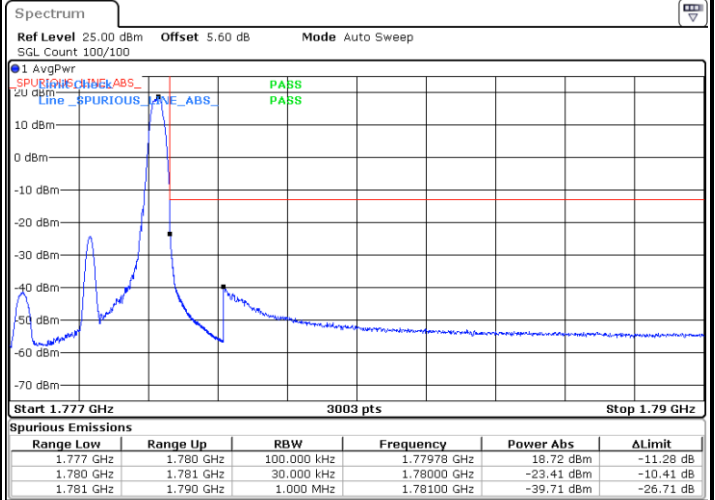
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



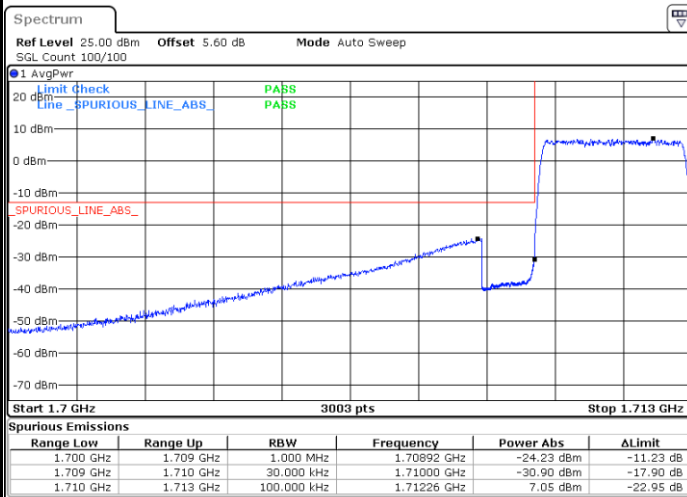
Date: 14.FEB.2023 15:21:12

Highest Band Edge / 1 RB



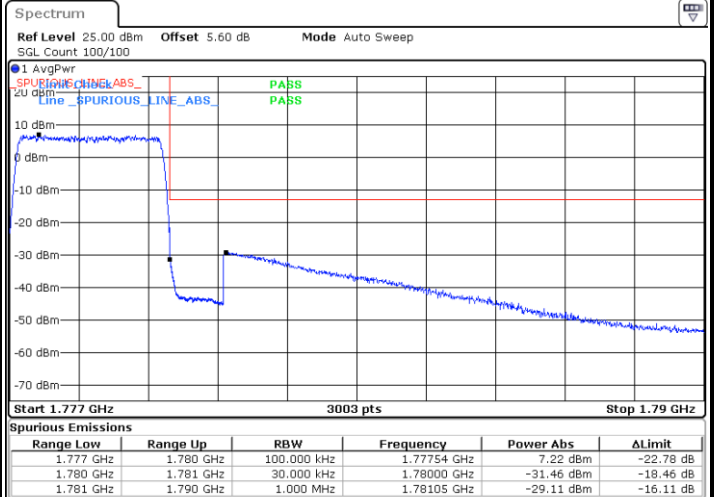
Date: 14.FEB.2023 15:40:01

Lowest Band Edge / Full RB



Date: 14.FEB.2023 15:29:18

Highest Band Edge / Full RB

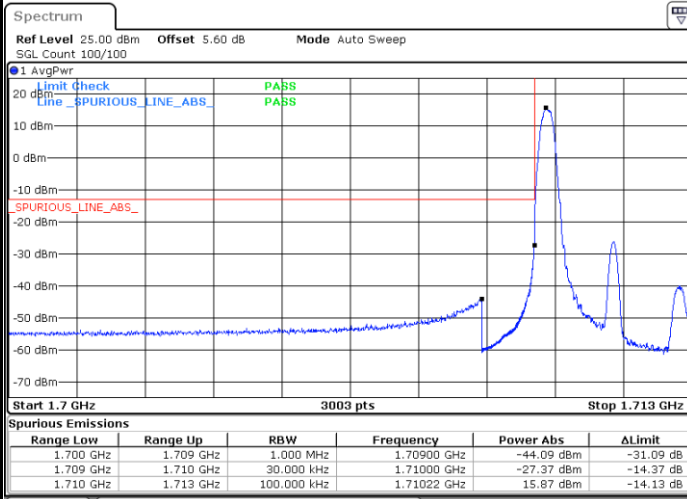


Date: 14.FEB.2023 15:48:02



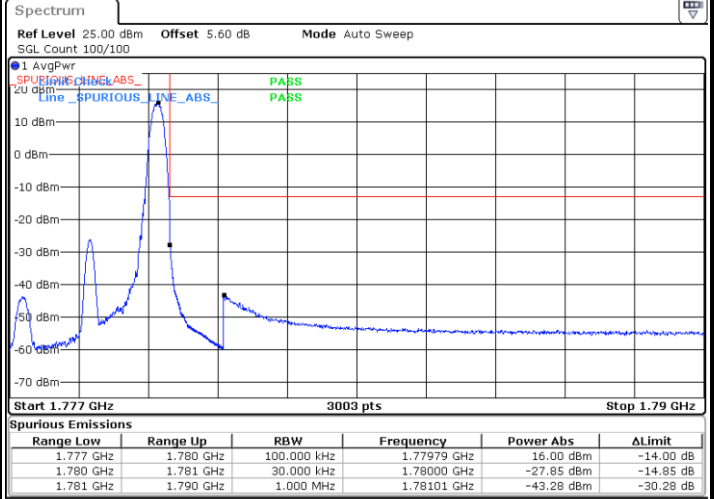
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



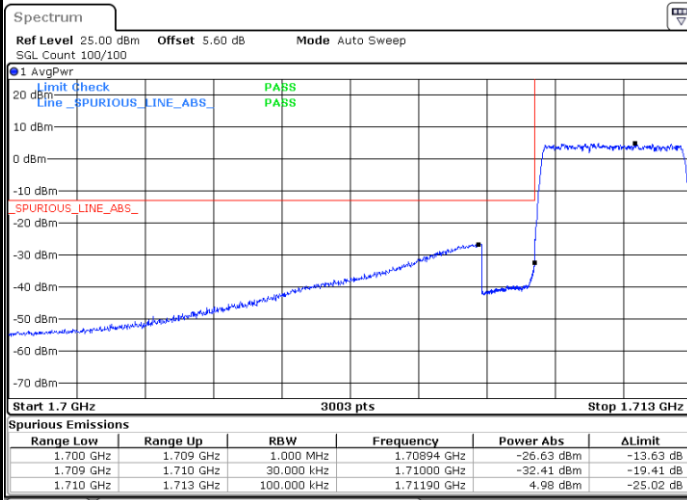
Date: 14.FEB.2023 15:23:13

Highest Band Edge / 1 RB



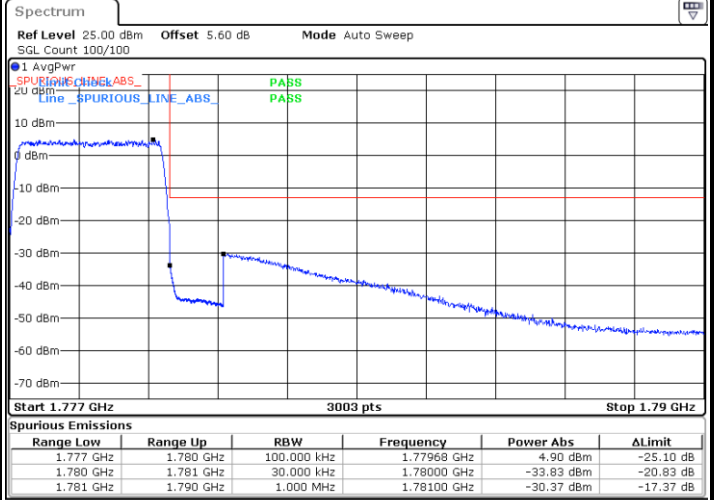
Date: 14.FEB.2023 15:42:01

Lowest Band Edge / Full RB



Date: 14.FEB.2023 15:31:18

Highest Band Edge / Full RB

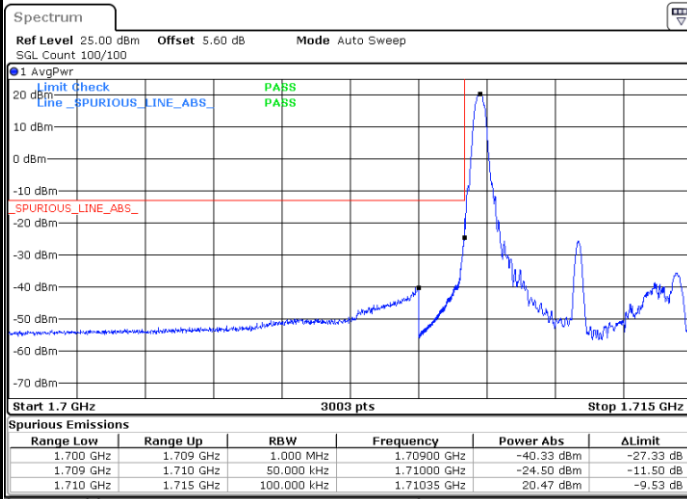


Date: 14.FEB.2023 15:50:02



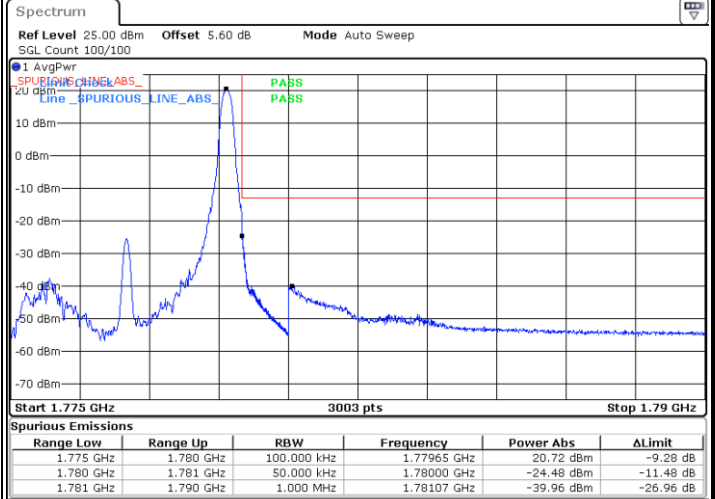
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



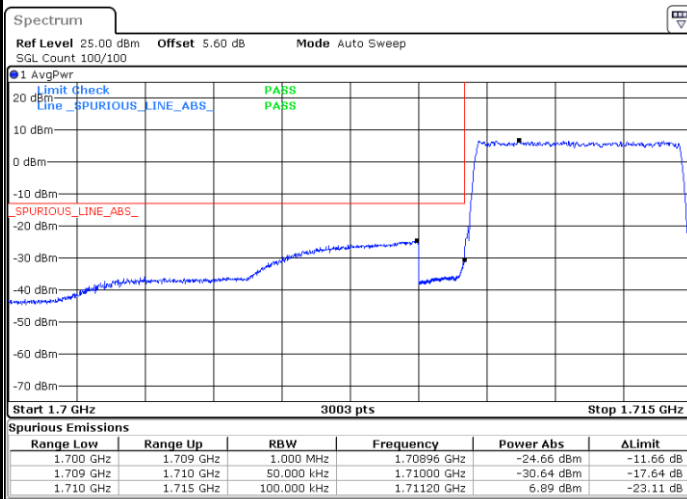
Date: 14.FEB.2023 16:16:04

Highest Band Edge / 1 RB



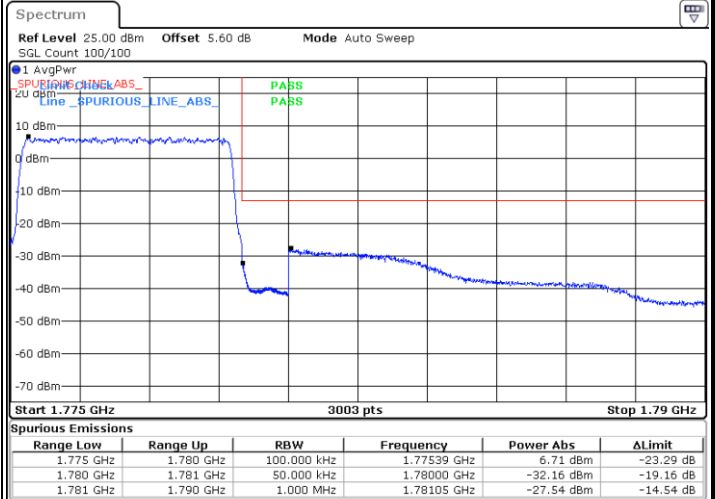
Date: 14.FEB.2023 16:34:56

Lowest Band Edge / Full RB



Date: 14.FEB.2023 16:24:09

Highest Band Edge / Full RB

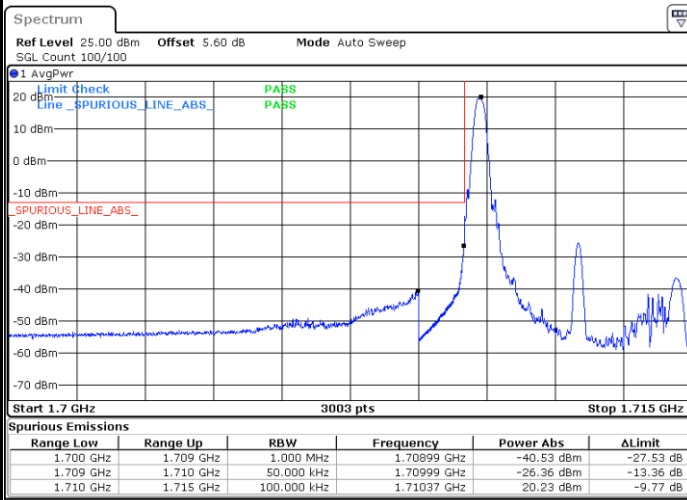


Date: 14.FEB.2023 16:43:00



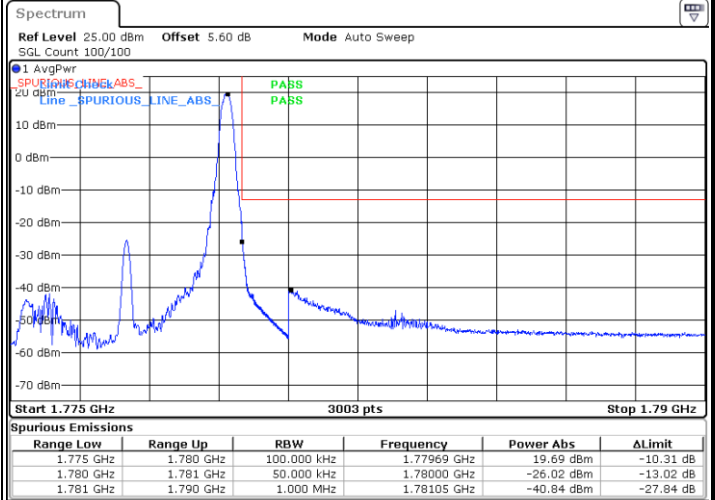
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



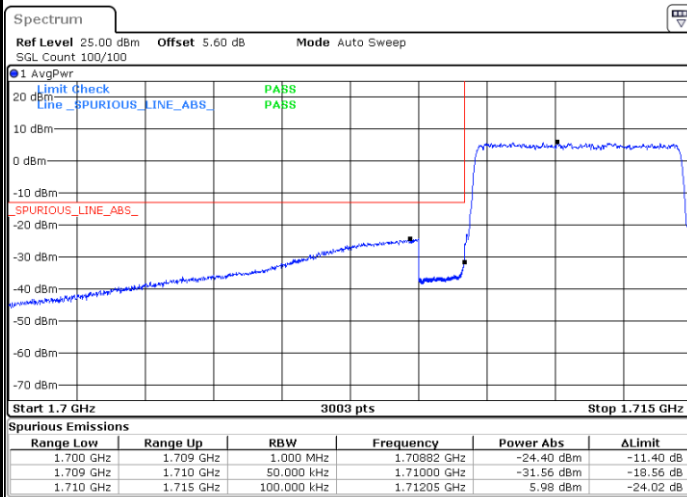
Date: 14.FEB.2023 16:18:05

Highest Band Edge / 1 RB



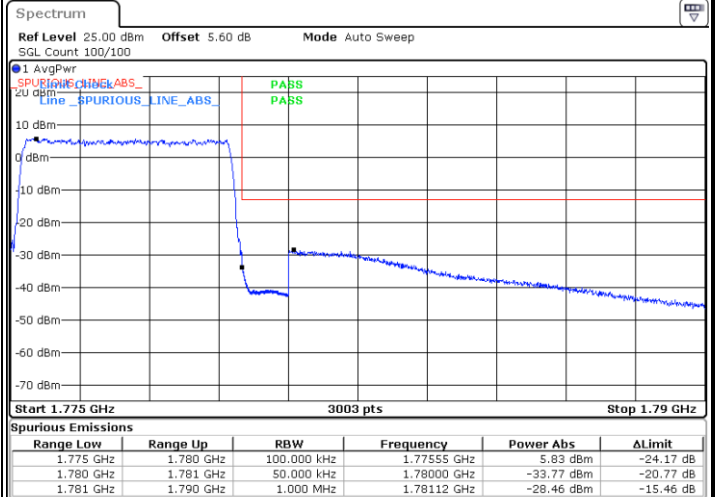
Date: 14.FEB.2023 16:36:56

Lowest Band Edge / Full RB



Date: 14.FEB.2023 16:26:09

Highest Band Edge / Full RB



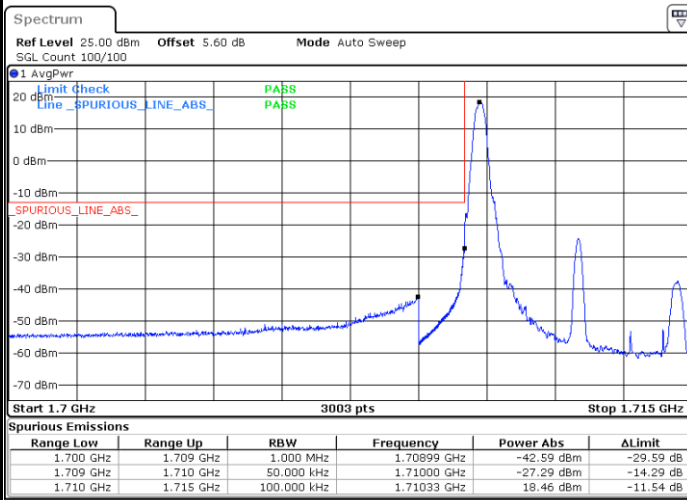
Date: 14.FEB.2023 16:45:00





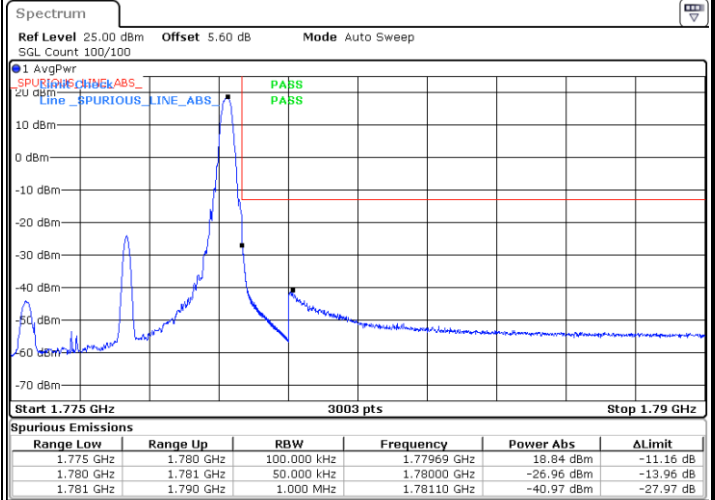
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



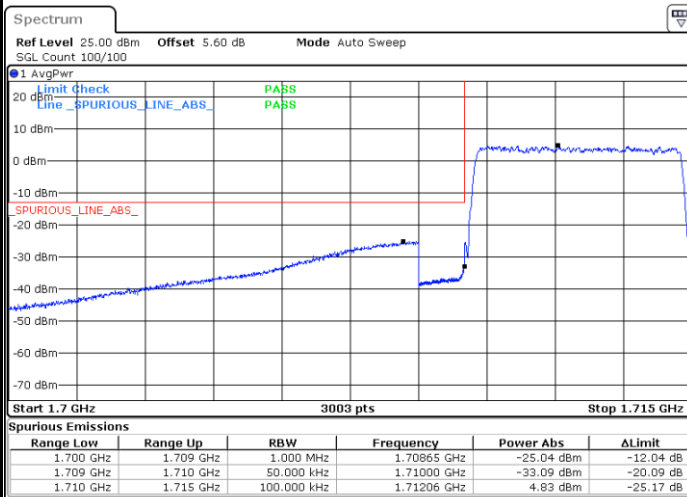
Date: 14.FEB.2023 16:20:05

Highest Band Edge / 1 RB



Date: 14.FEB.2023 16:38:56

Lowest Band Edge / Full RB



Date: 14.FEB.2023 16:28:10

Highest Band Edge / Full RB

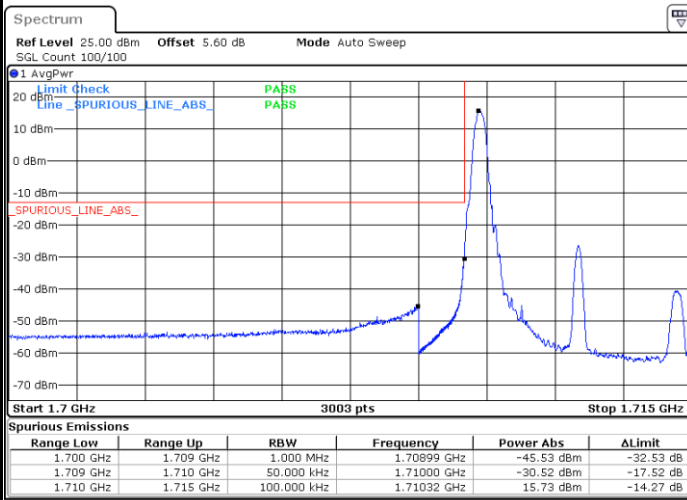


Date: 14.FEB.2023 16:47:01

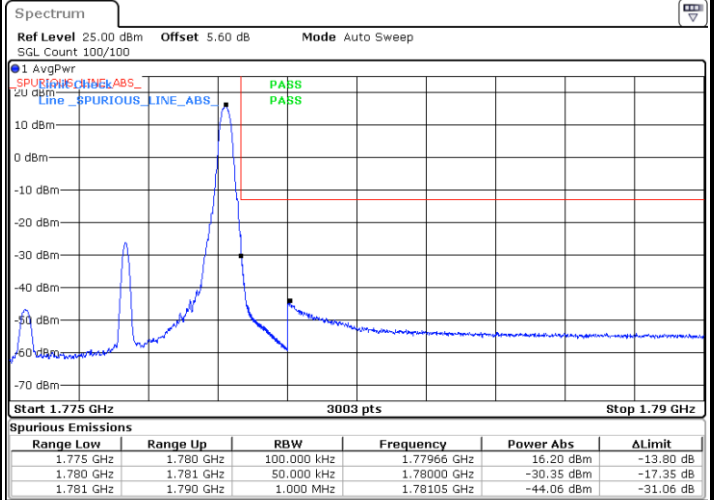


LTE Band 66 / 5MHz /256QAM

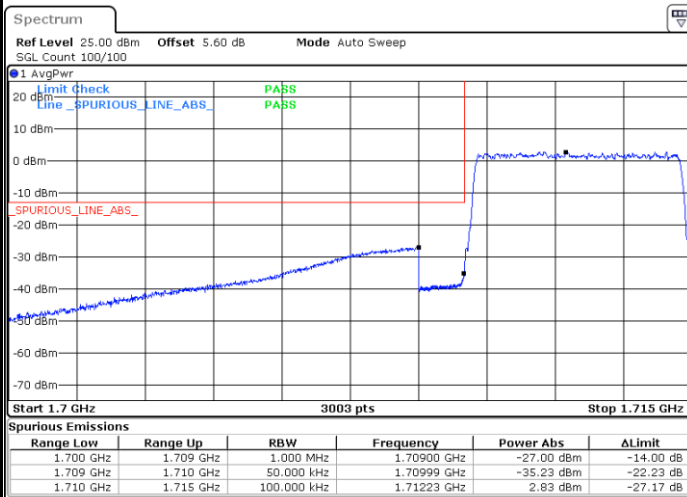
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



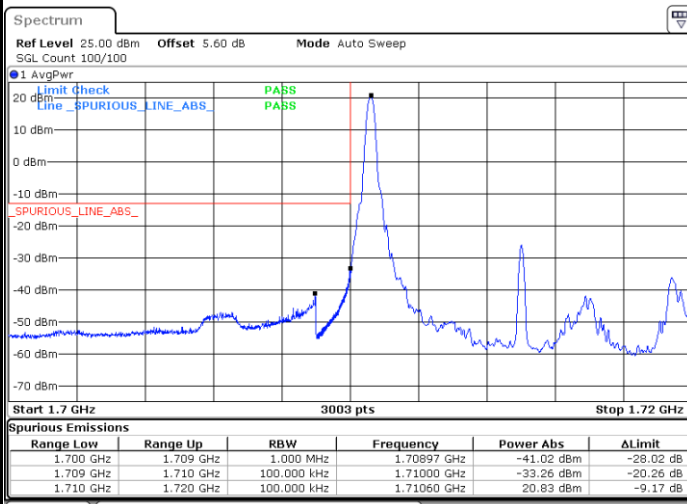
Highest Band Edge / Full RB





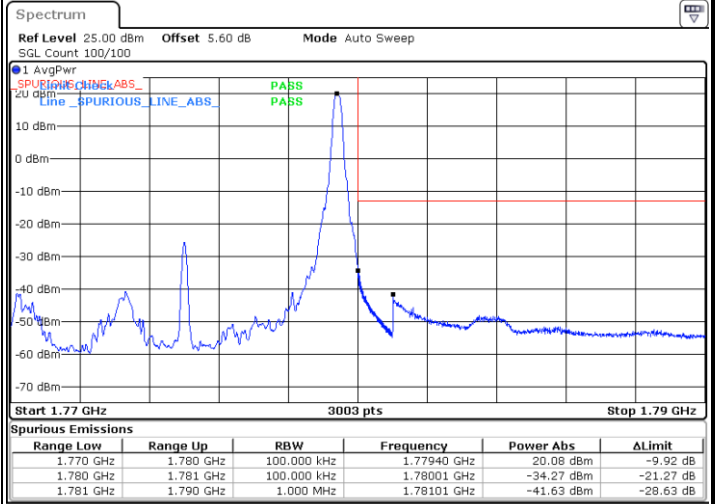
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



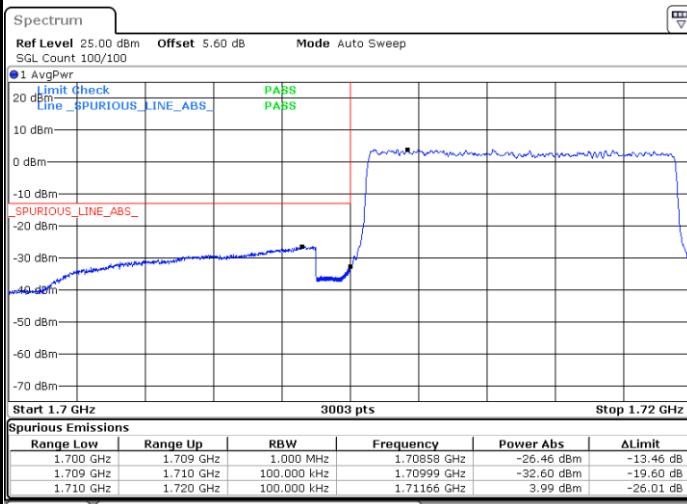
Date: 14.FEB.2023 16:54:09

Highest Band Edge / 1 RB



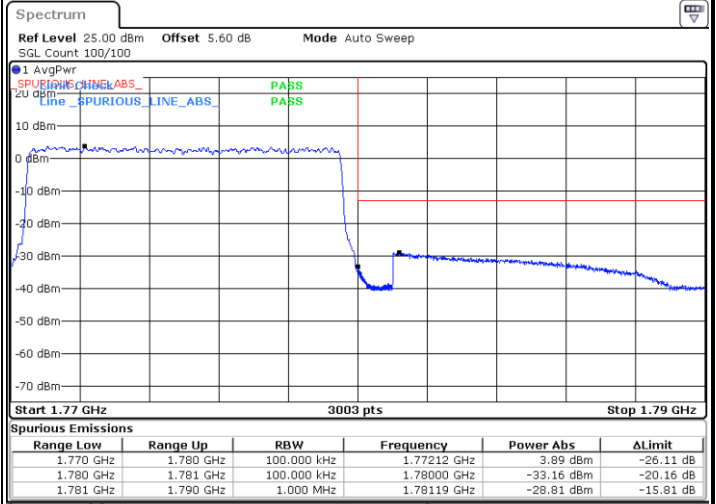
Date: 14.FEB.2023 17:14:53

Lowest Band Edge / Full RB



Date: 14.FEB.2023 17:04:06

Highest Band Edge / Full RB

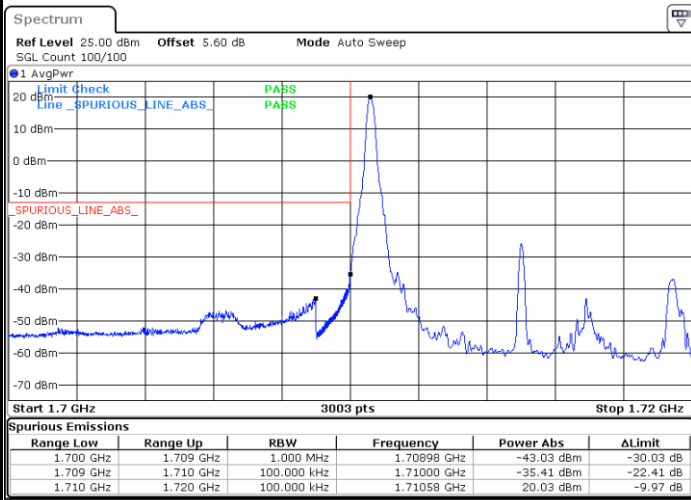


Date: 14.FEB.2023 17:22:55



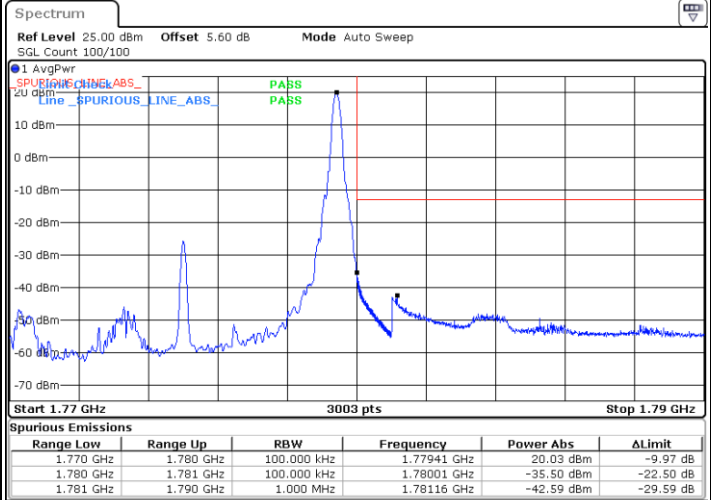
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



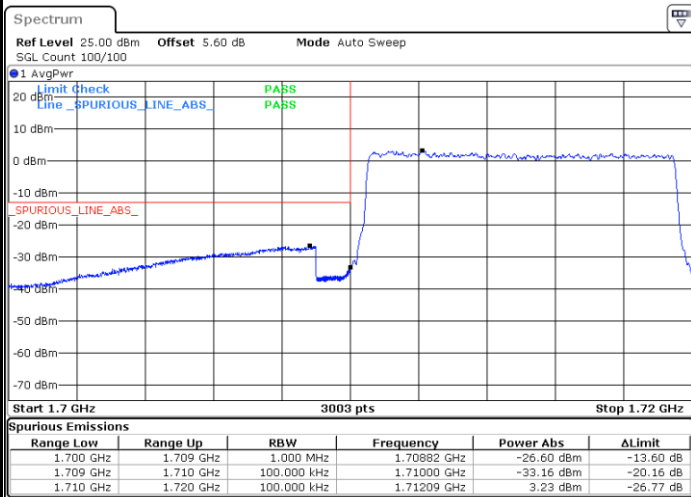
Date: 14.FEB.2023 16:56:10

Highest Band Edge / 1 RB



Date: 14.FEB.2023 17:16:53

Lowest Band Edge / Full RB



Date: 14.FEB.2023 17:06:06

Highest Band Edge / Full RB



Date: 14.FEB.2023 17:24:56