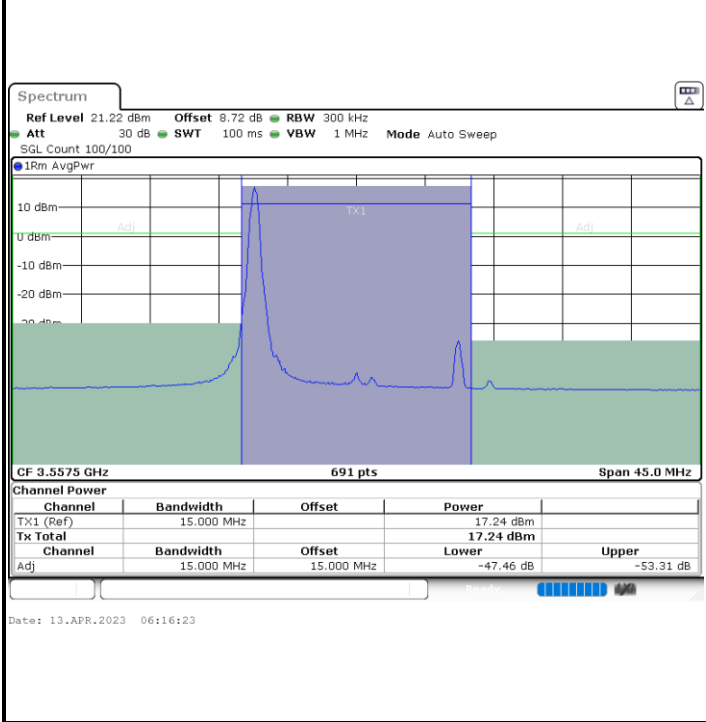




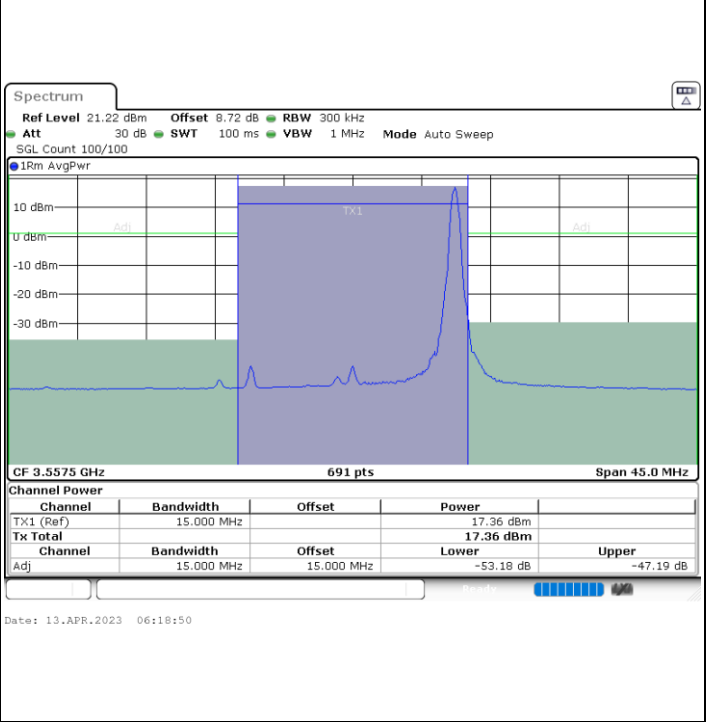
**LTE Band 48 / 15MHz**

**256QAM**

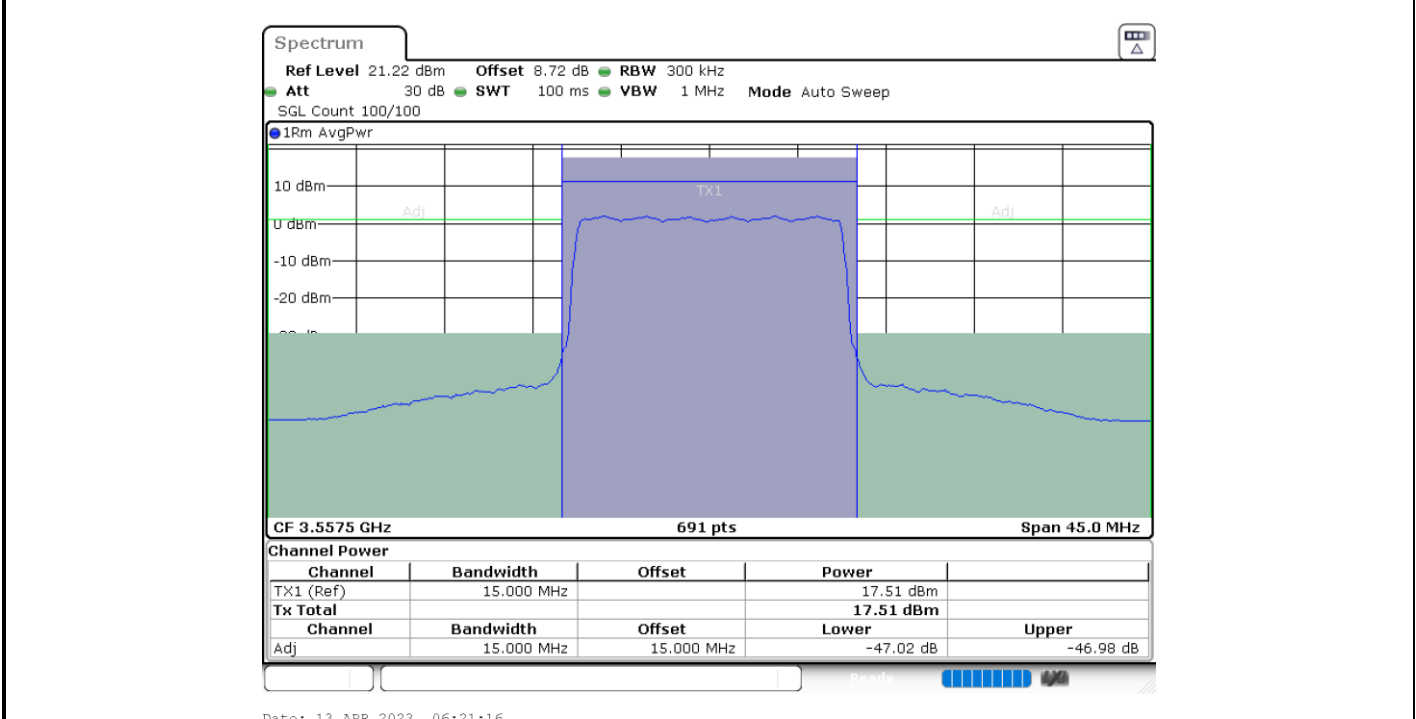
**Lowest Channel / 1RB0**



**Lowest Channel / 1RBmax**



**Lowest Channel / FullRB**



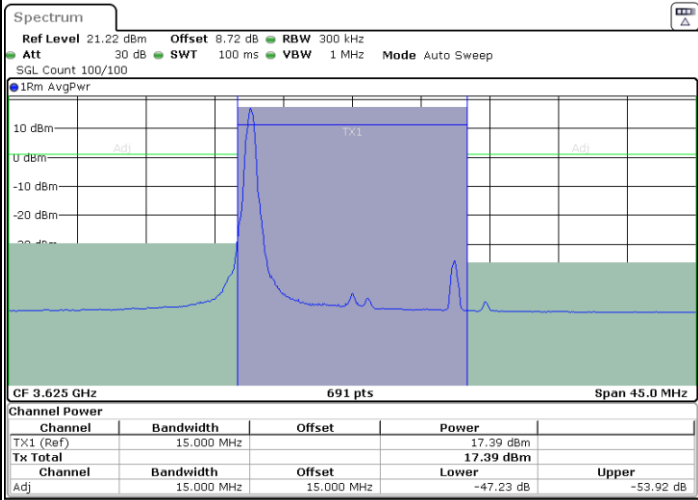


LTE Band 48 / 15MHz

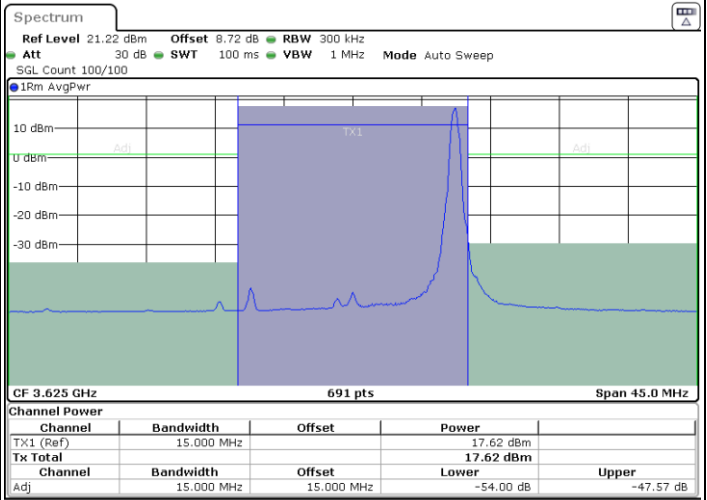
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

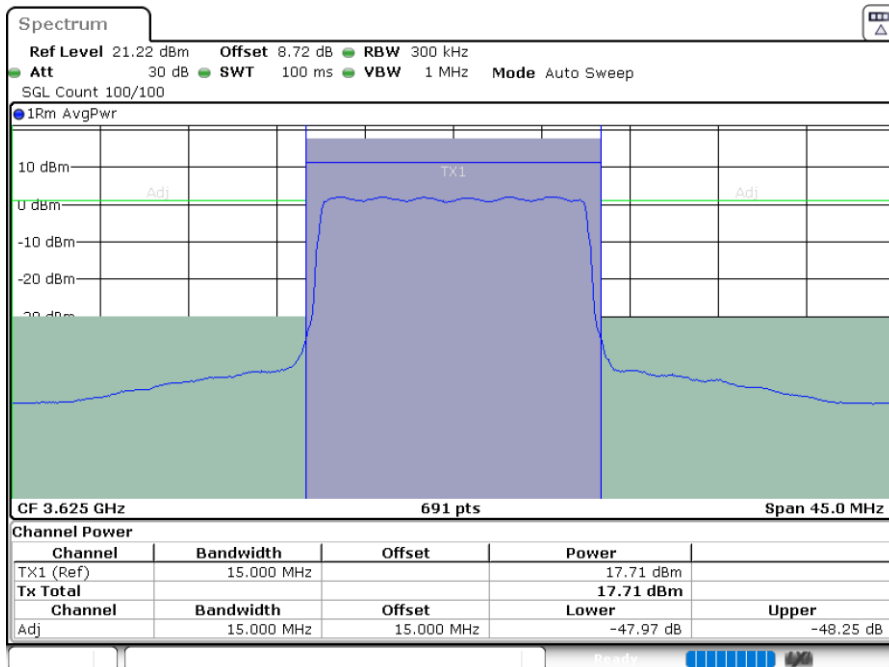


Date: 13.APR.2023 06:32:49



Date: 13.APR.2023 06:35:11

Middle Channel / FullIRB



Date: 13.APR.2023 06:37:34

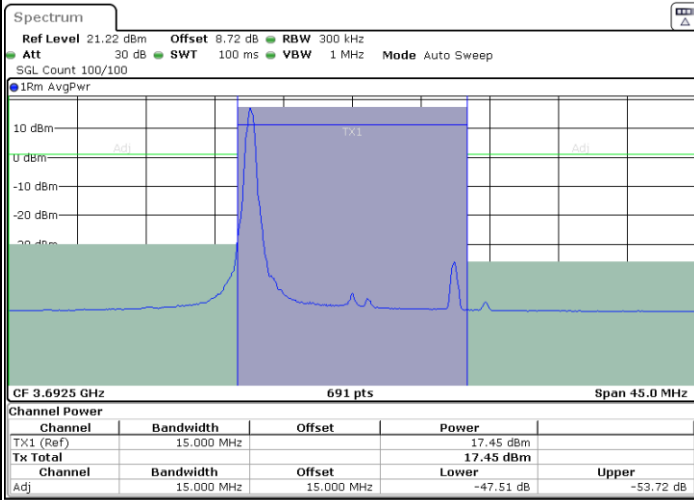


LTE Band 48 / 15MHz

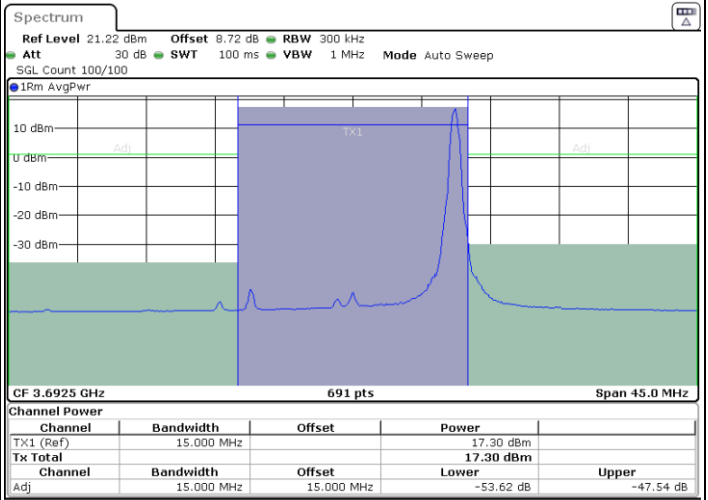
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

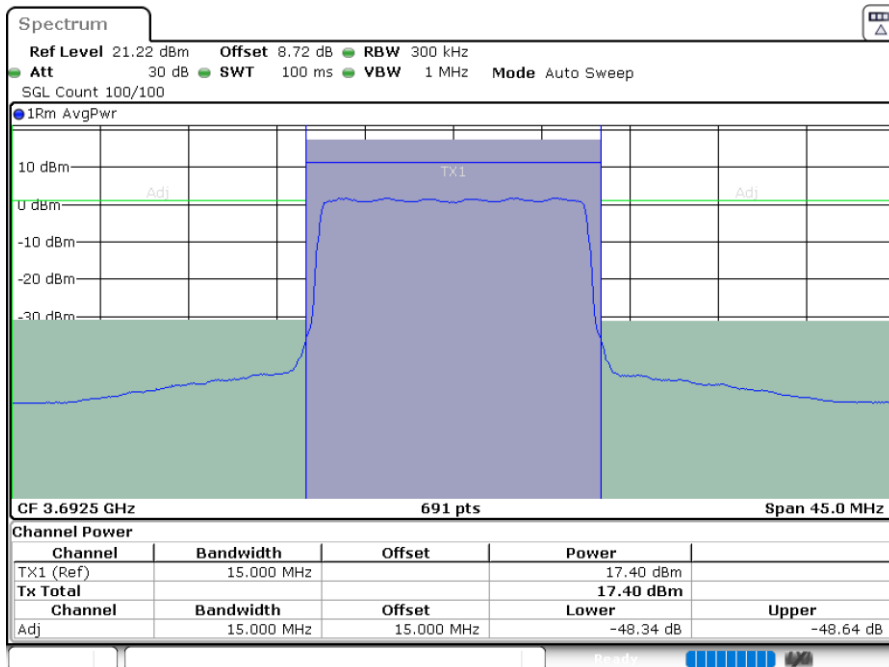


Date: 13.APR.2023 06:39:59



Date: 13.APR.2023 06:42:24

Highest Channel / FullRB



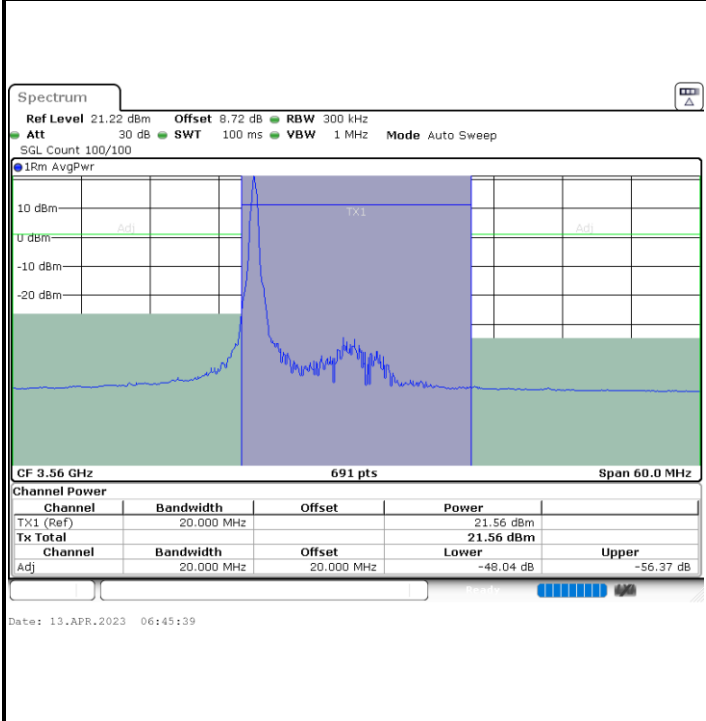
Date: 13.APR.2023 06:44:49



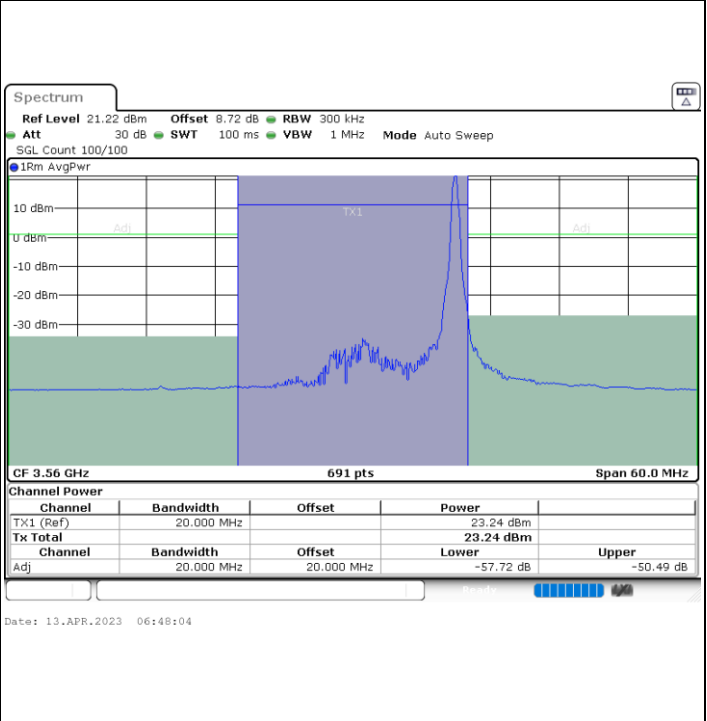
**LTE Band 48 / 20MHz**

**QPSK**

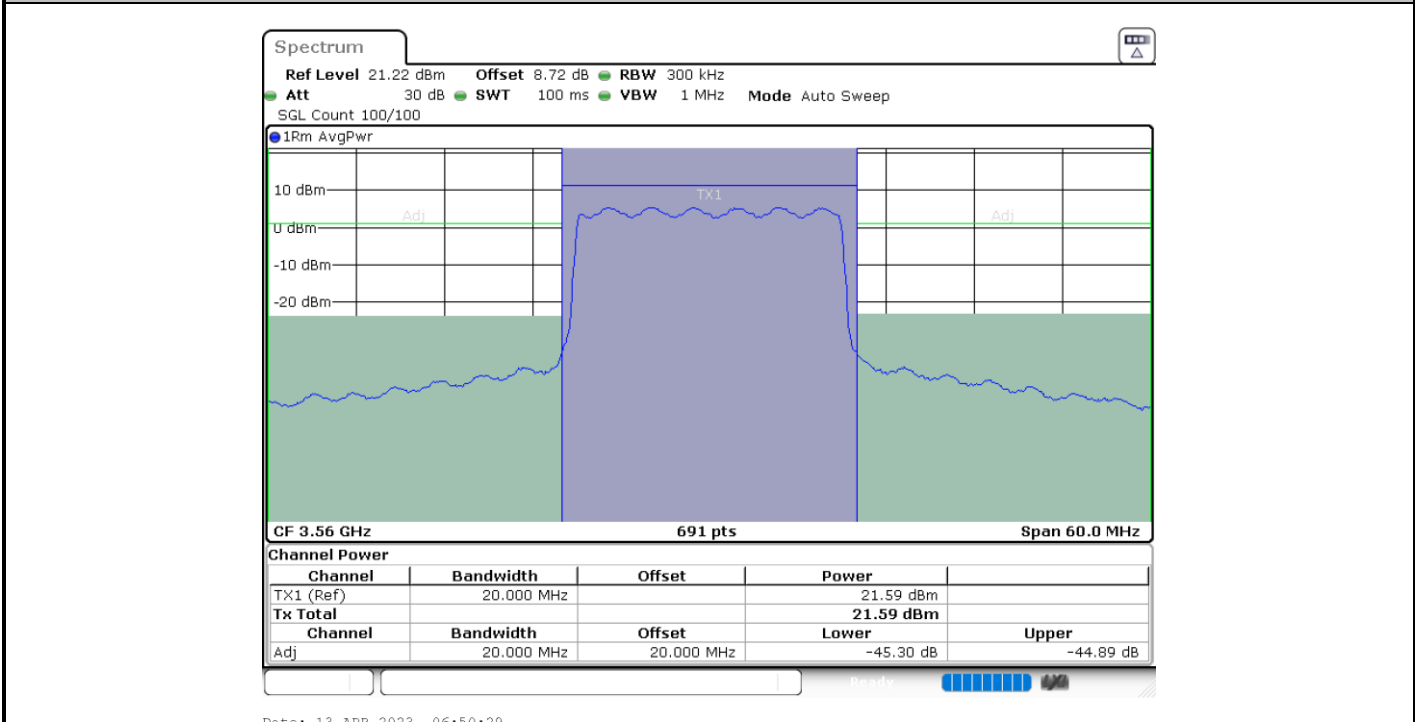
**Lowest Channel / 1RB0**



**Lowest Channel / 1RBmax**



**Lowest Channel / FullIRB**



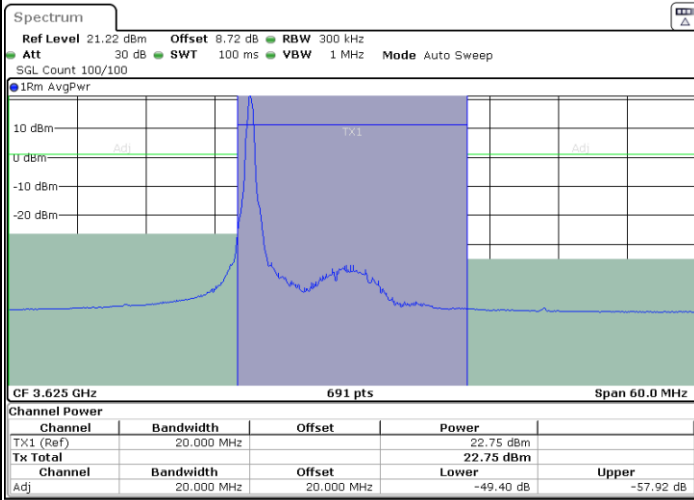


LTE Band 48 / 20MHz

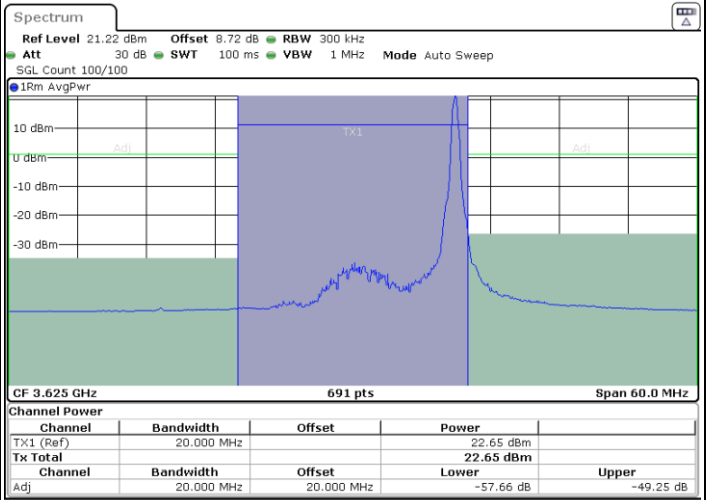
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

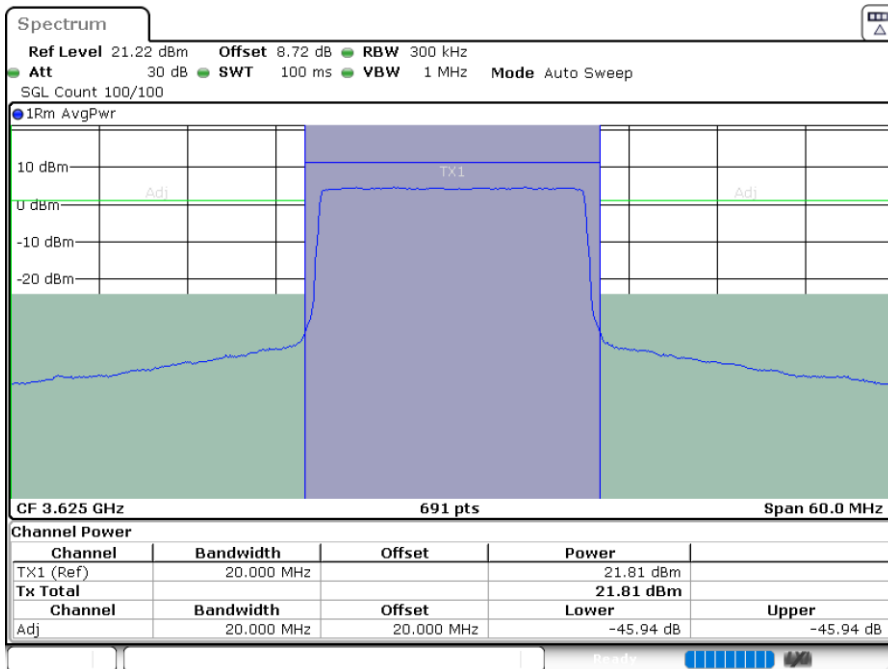


Date: 13.APR.2023 06:58:38



Date: 13.APR.2023 07:01:00

Middle Channel / FullRB



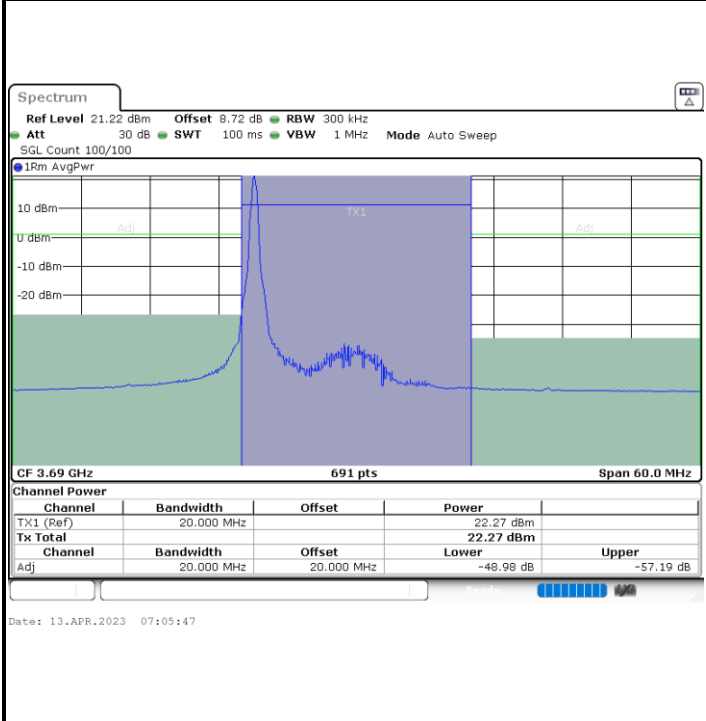
Date: 13.APR.2023 07:03:24



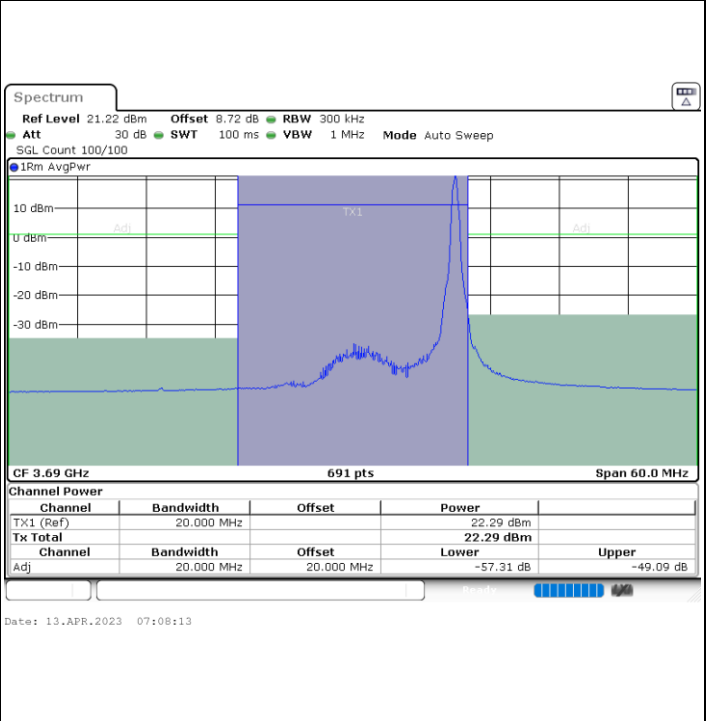
**LTE Band 48 / 20MHz**

**QPSK**

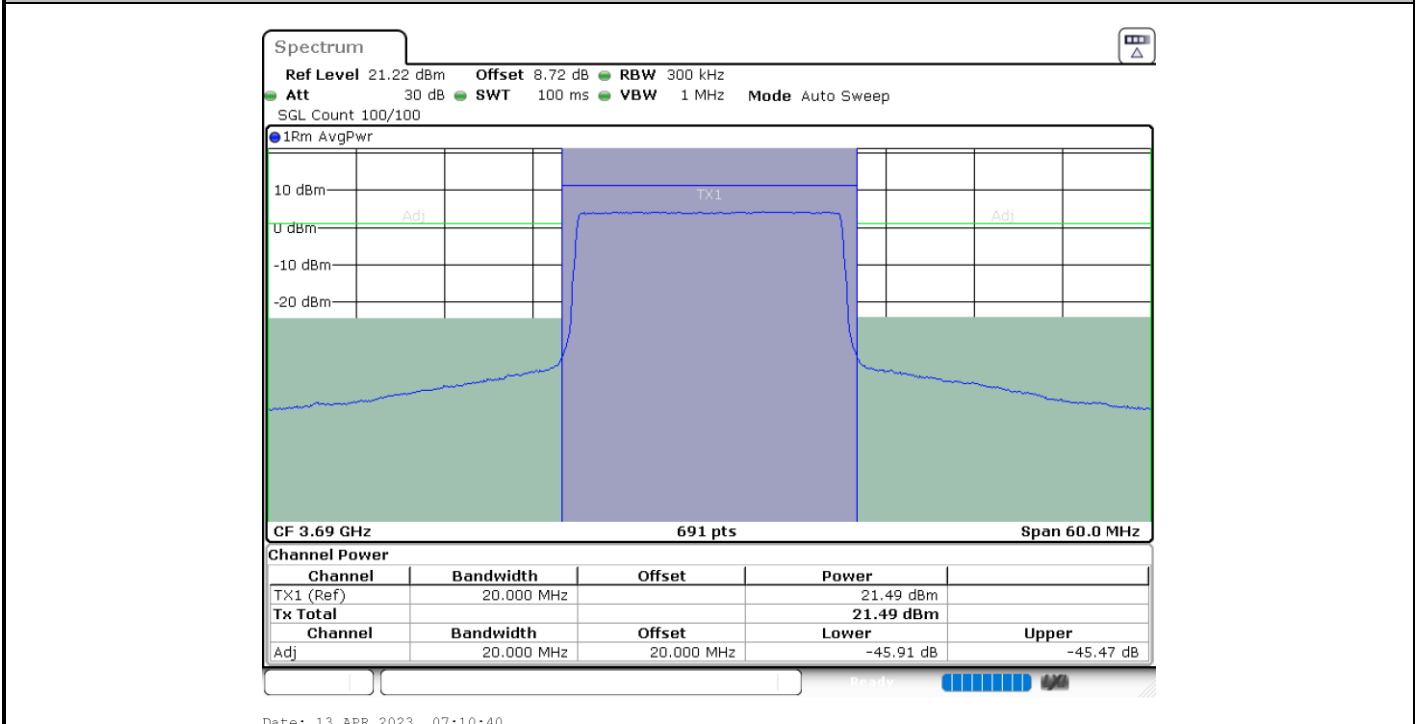
**Highest Channel / 1RB0**



**Highest Channel / 1RBmax**



**Highest Channel / FullRB**



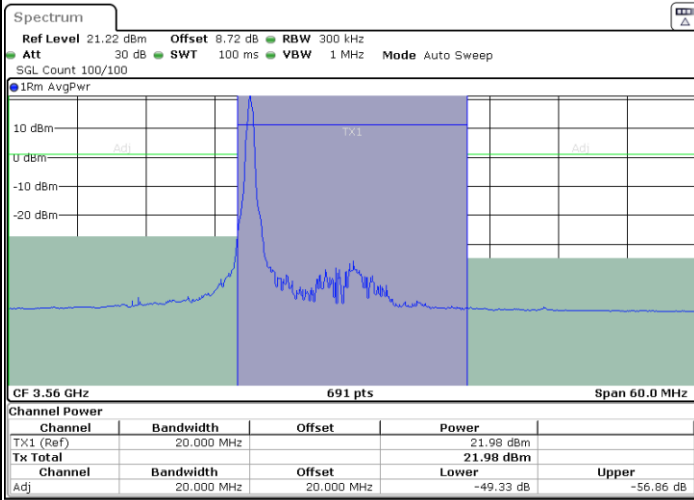


LTE Band 48 / 20MHz

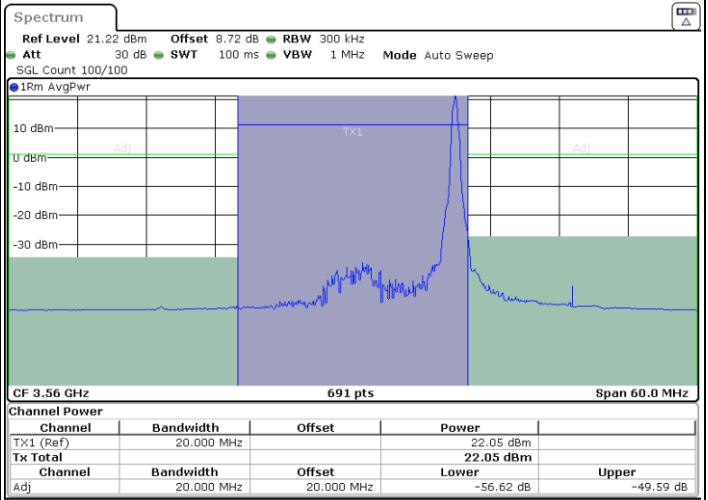
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

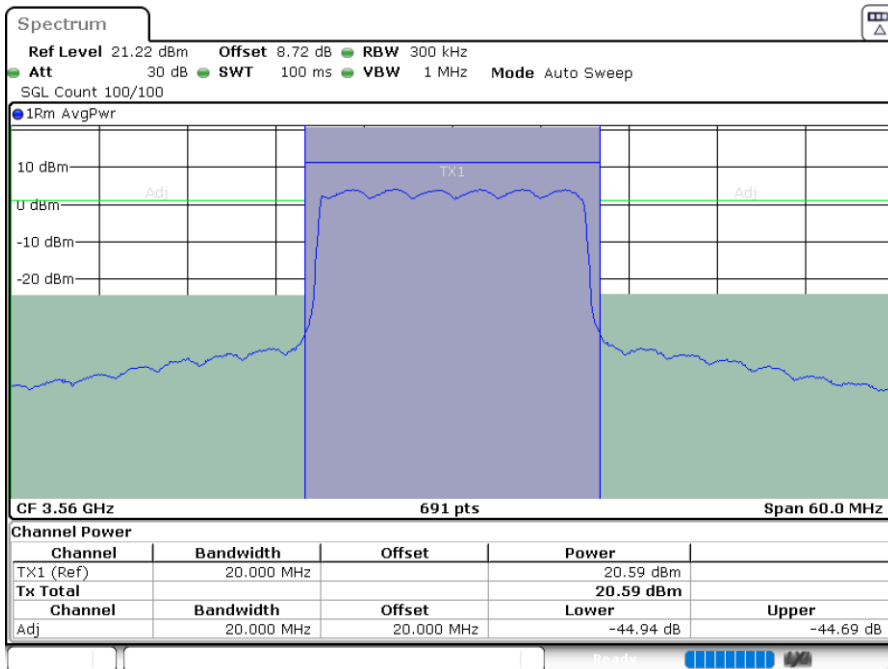


Date: 13.APR.2023 06:46:15



Date: 13.APR.2023 06:48:41

Lowest Channel / FullRB



Date: 13.APR.2023 06:51:06

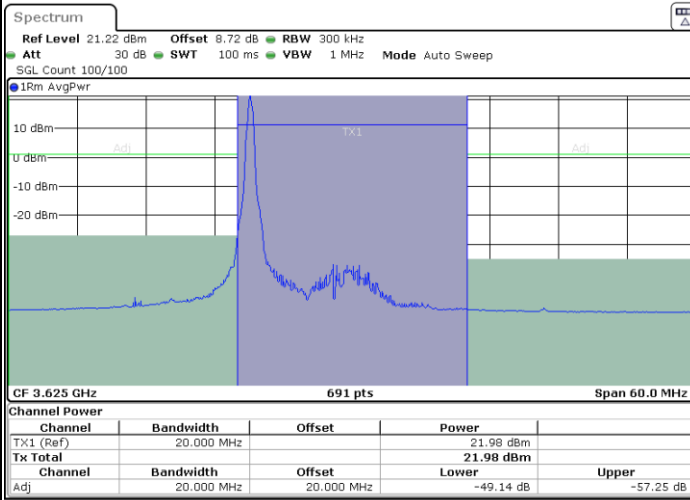


LTE Band 48 / 20MHz

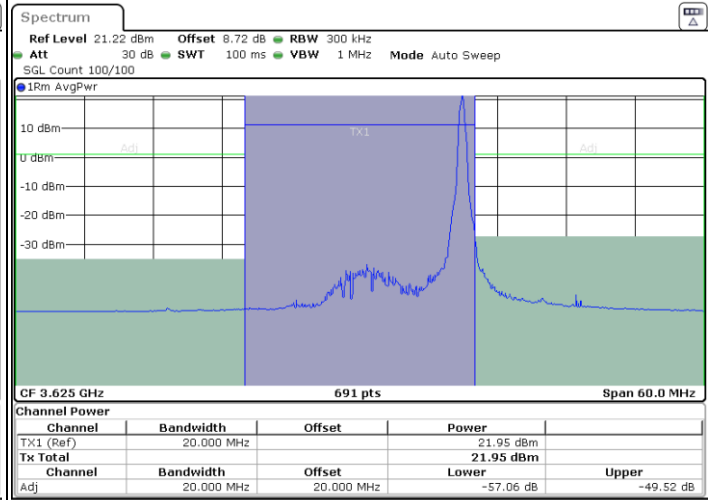
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

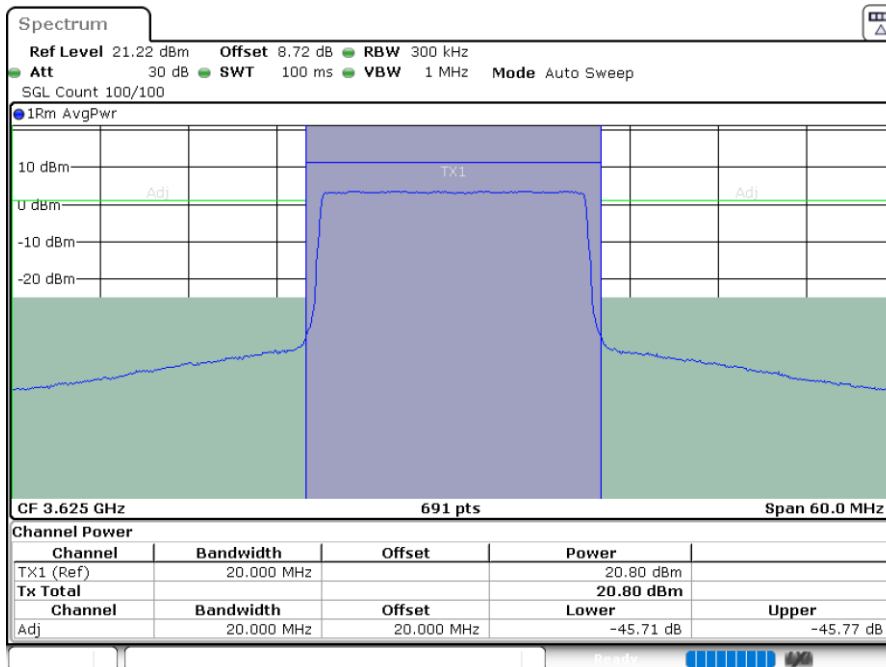


Date: 13.APR.2023 06:59:13



Date: 13.APR.2023 07:01:35

Middle Channel / FullRB



Date: 13.APR.2023 07:04:00



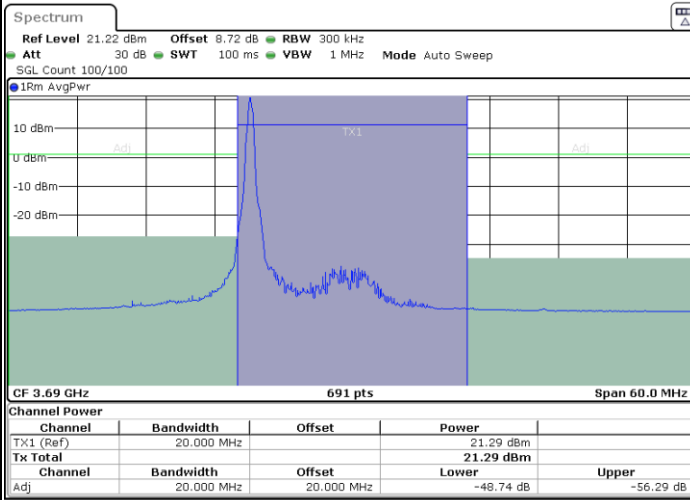


LTE Band 48 / 20MHz

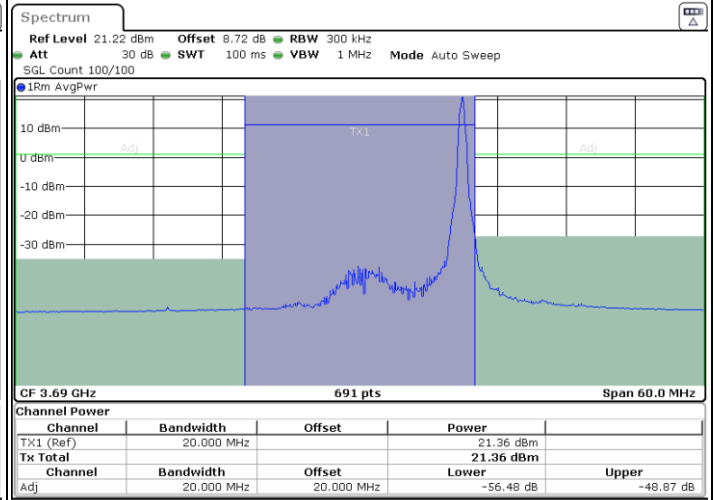
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

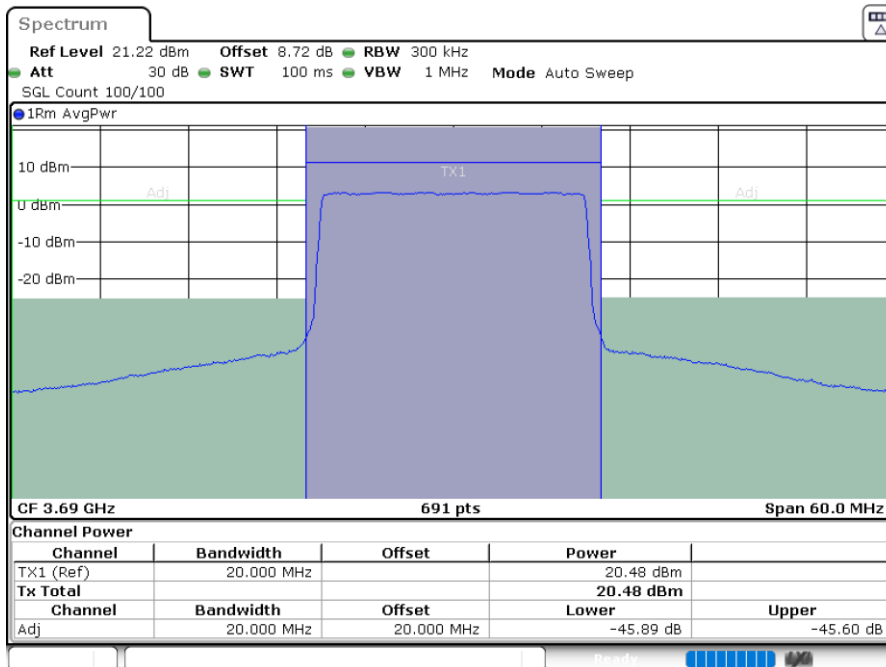


Date: 13.APR.2023 07:06:24



Date: 13.APR.2023 07:08:49

Highest Channel / FullRB



Date: 13.APR.2023 07:11:17



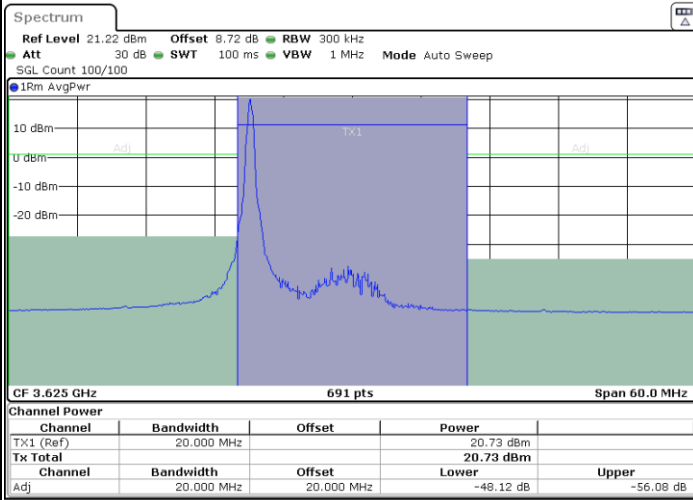


LTE Band 48 / 20MHz

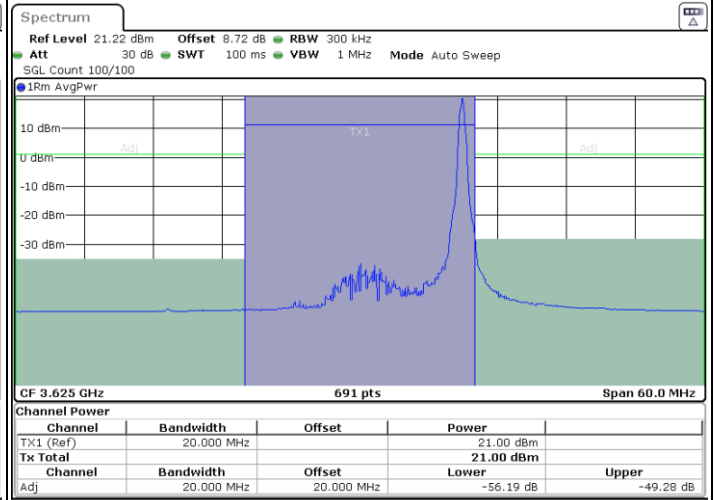
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

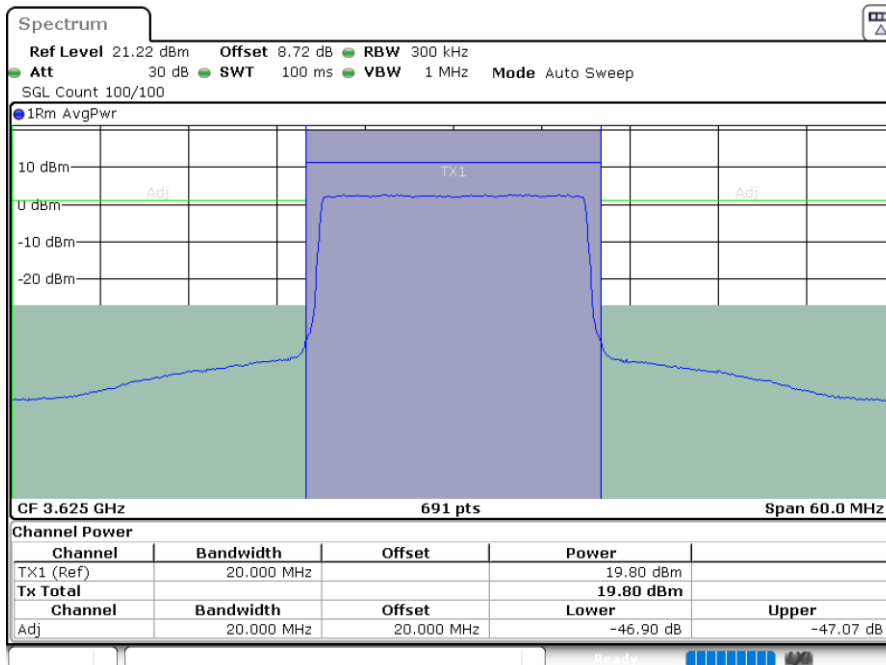


Date: 13.APR.2023 06:59:49



Date: 13.APR.2023 07:02:11

Middle Channel / FullRB



Date: 13.APR.2023 07:04:35

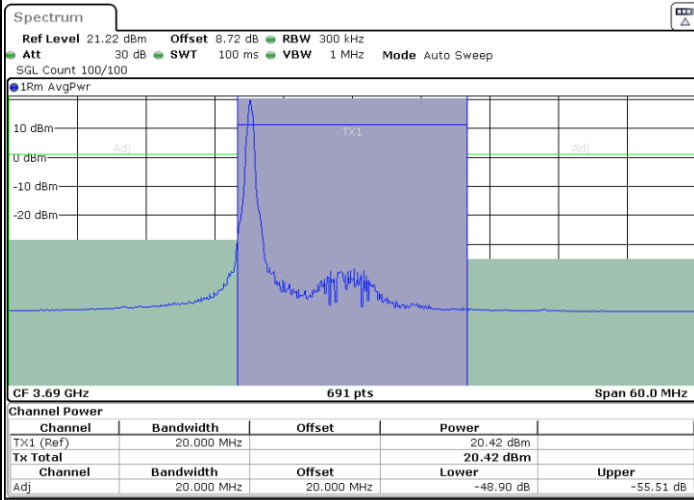


LTE Band 48 / 20MHz

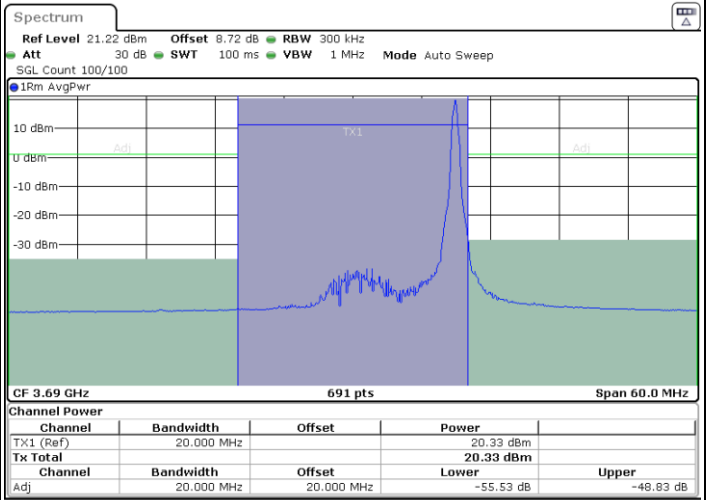
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

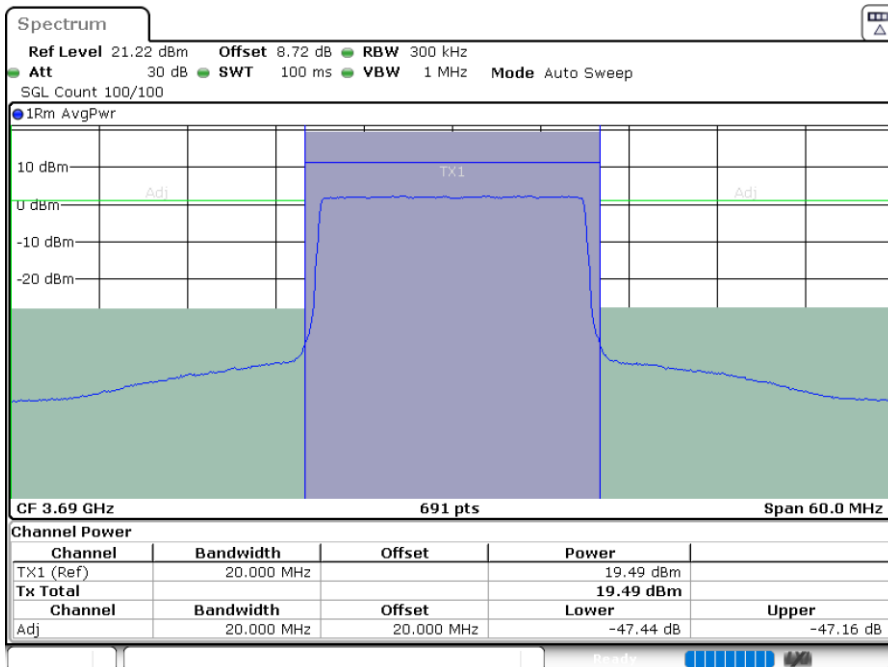


Date: 13.APR.2023 07:07:00



Date: 13.APR.2023 07:09:25

Highest Channel / FullRB



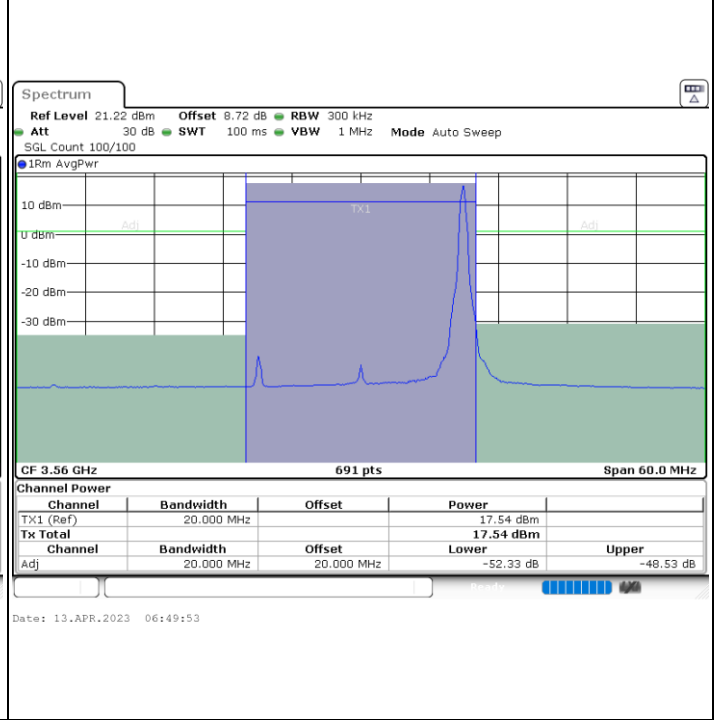
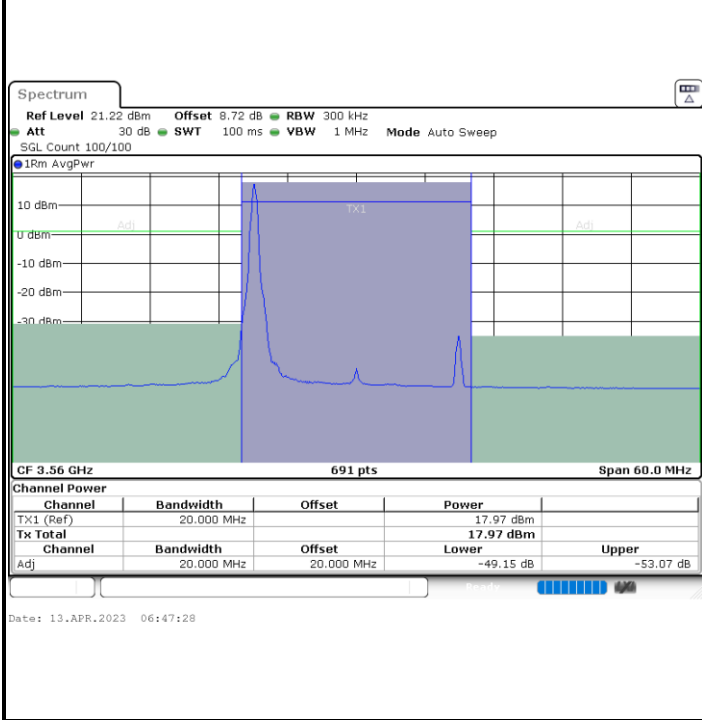
Date: 13.APR.2023 07:11:53



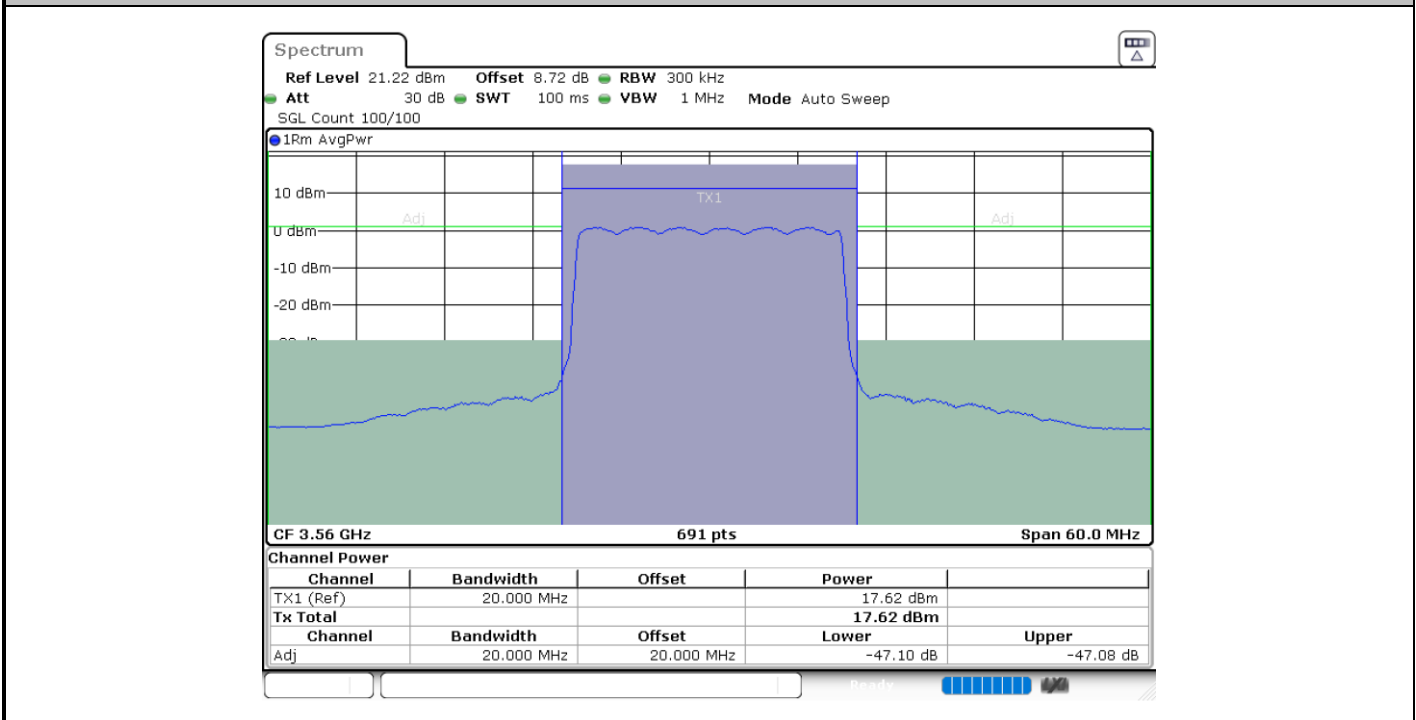
LTE Band 48 / 20MHz

256QAM

Lowest Channel / 1RB0      Lowest Channel / 1RBmax



Lowest Channel / FullRB



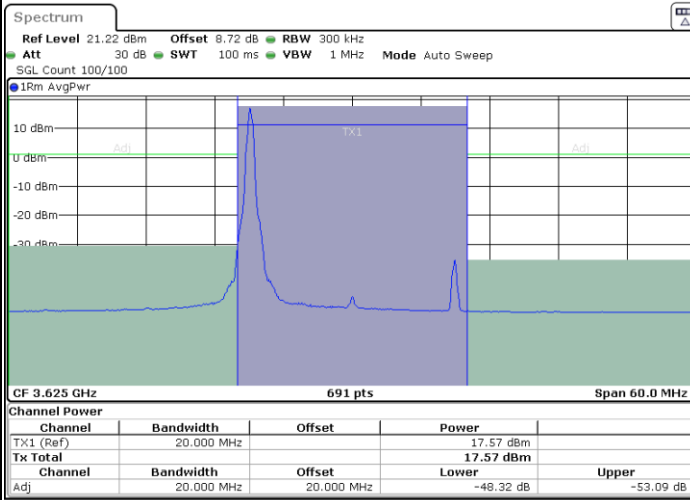


LTE Band 48 / 20MHz

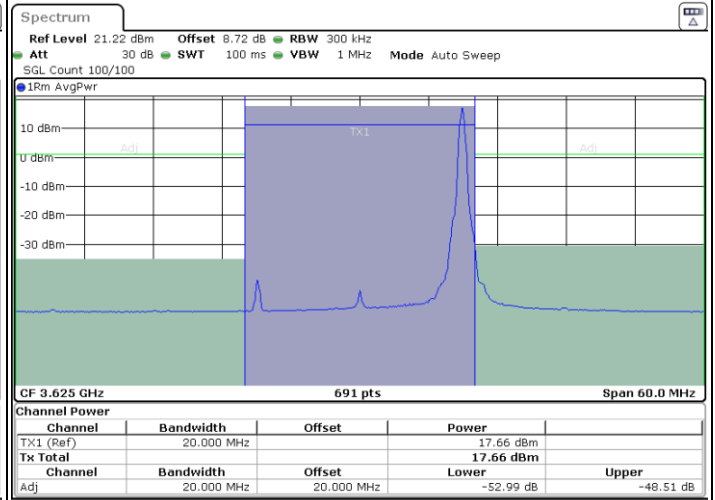
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

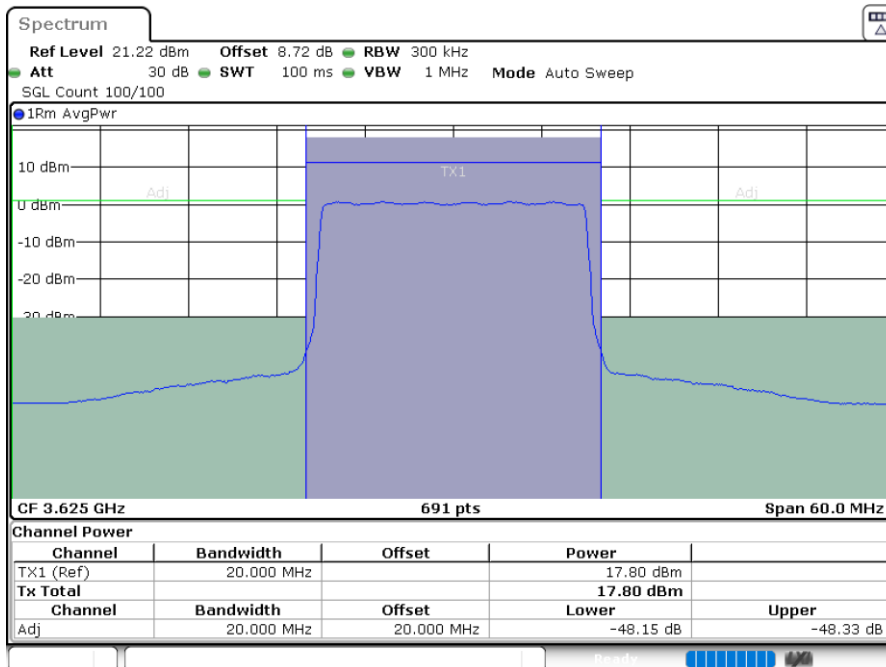


Date: 13.APR.2023 07:00:24



Date: 13.APR.2023 07:02:48

Middle Channel / FullRB



Date: 13.APR.2023 07:05:11

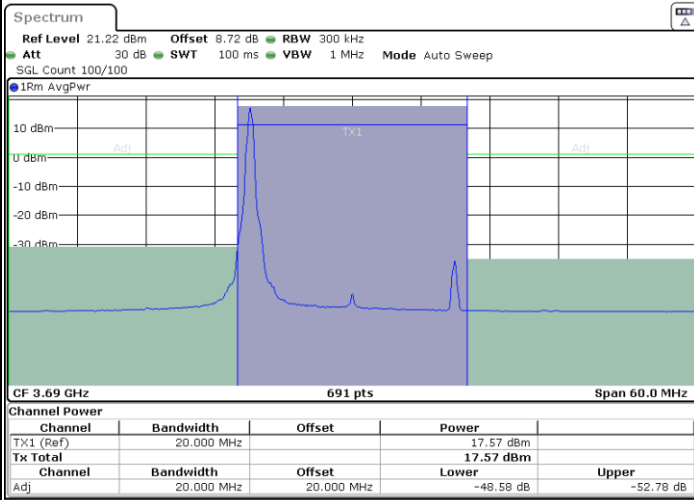


LTE Band 48 / 20MHz

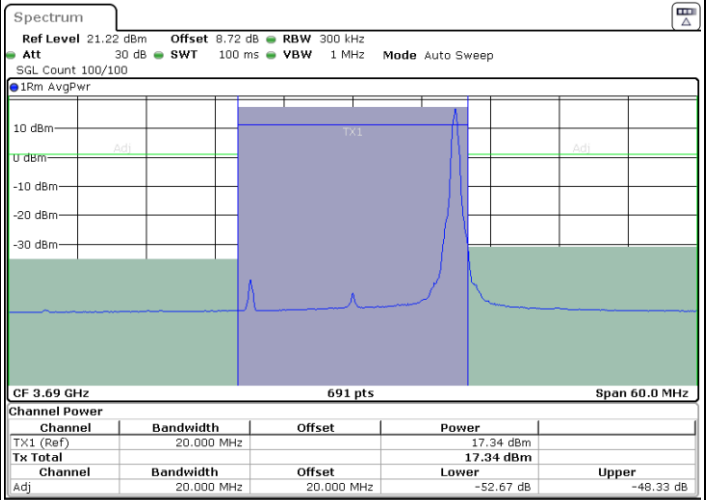
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

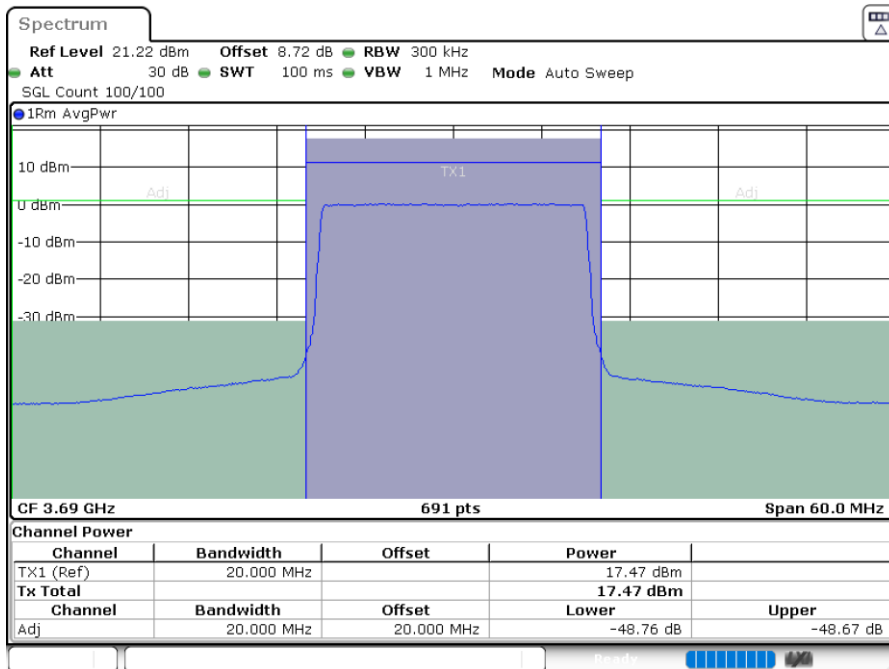


Date: 13.APR.2023 07:07:36



Date: 13.APR.2023 07:10:01

Highest Channel / FullRB

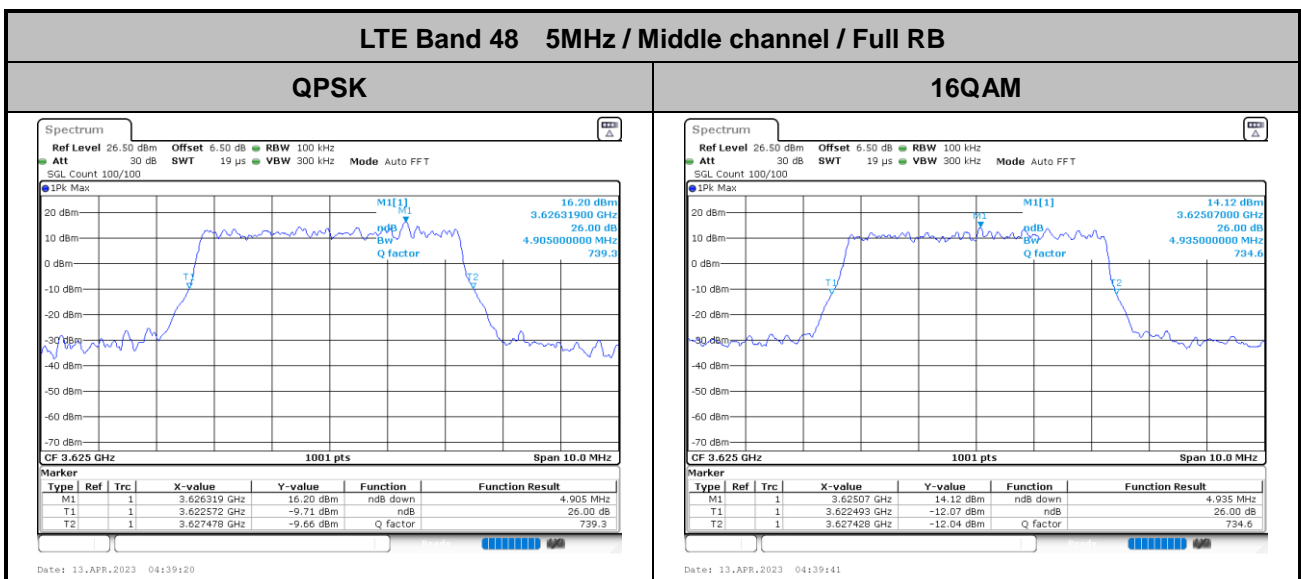


Date: 13.APR.2023 07:12:29



## 26dB Bandwidth

Mode	LTE Band 48 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.91	4.94
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.85	9.81
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.42	14.36
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.98	19.02

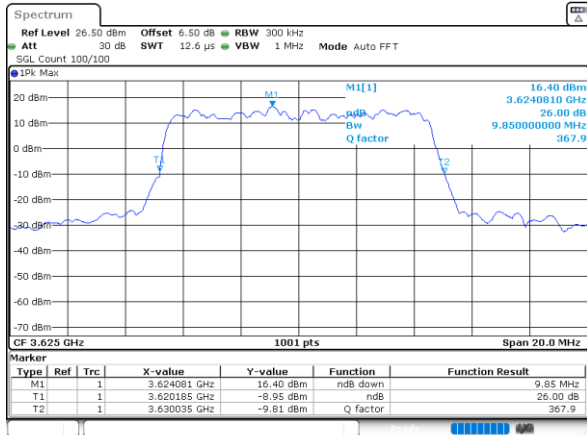






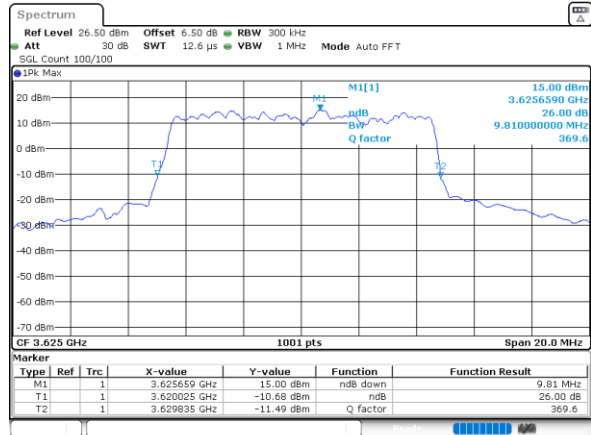
LTE Band 48 10MHz / Middle channel / Full RB

QPSK



Date: 13.APR.2023 04:40:45

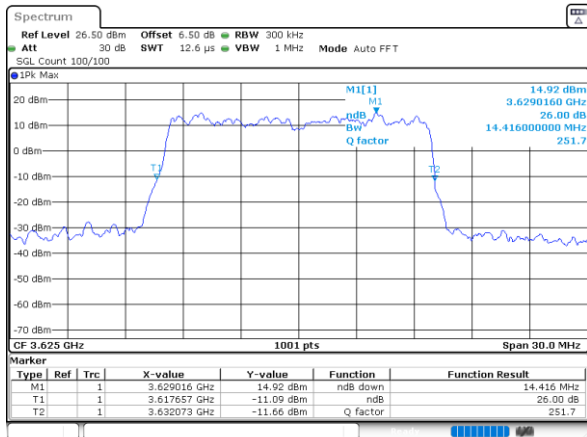
16QAM



Date: 13.APR.2023 04:41:06

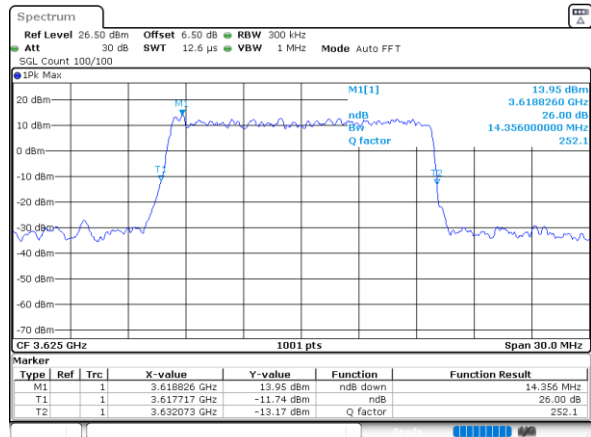
LTE Band 48 15MHz / Middle channel / Full RB

QPSK



Date: 13.APR.2023 04:42:10

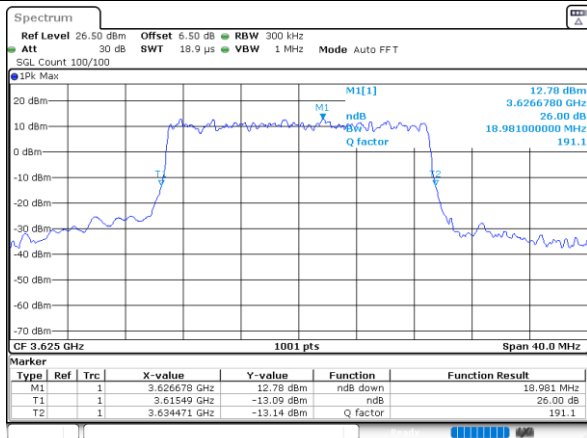
16QAM



Date: 13.APR.2023 04:42:11

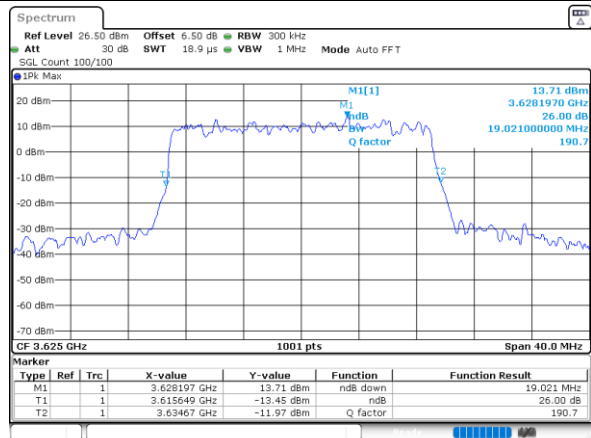
LTE Band 48 20MHz / Middle channel / Full RB

QPSK



Date: 13.APR.2023 04:43:15

16QAM

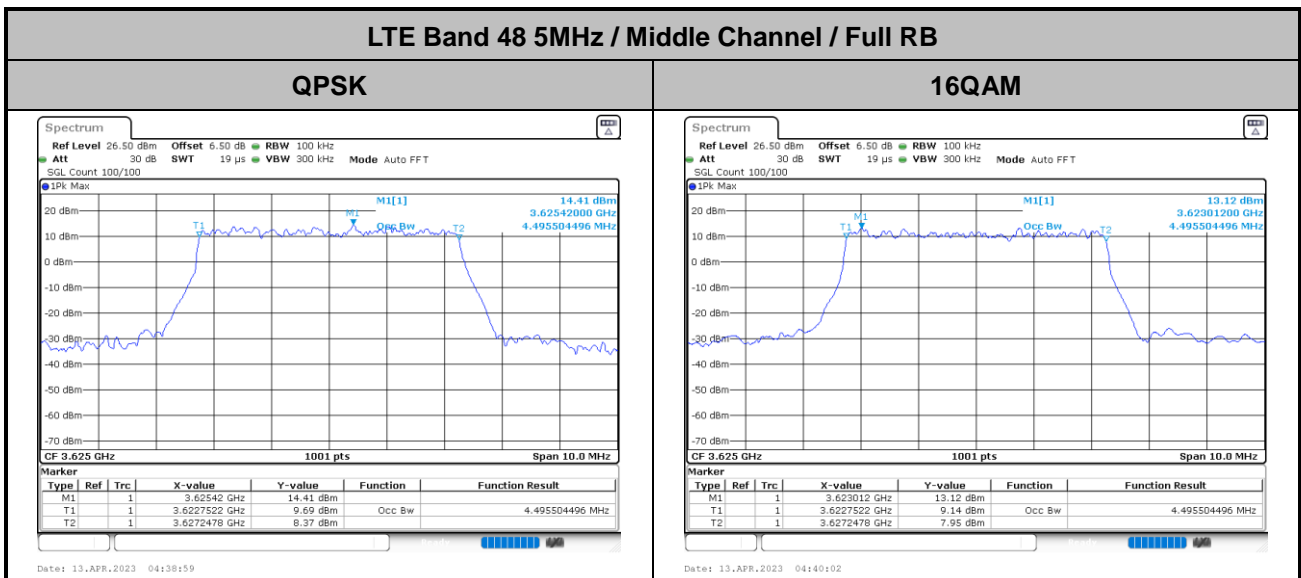


Date: 13.APR.2023 04:43:16



# Occupied Bandwidth

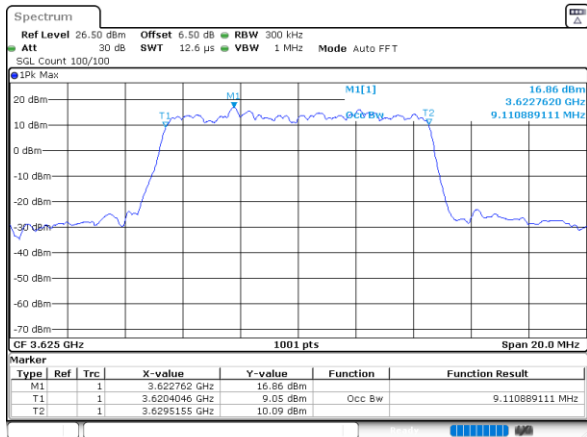
Mode	LTE Band 48 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHZ</b>	
<b>Mod.</b>	<b>QPAK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.50	4.50
<b>BW</b>	<b>10MHZ</b>	
<b>Mod.</b>	<b>QPAK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.11	9.09
<b>BW</b>	<b>15MHZ</b>	
<b>Mod.</b>	<b>QPAK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.43	13.40
<b>BW</b>	<b>20MHZ</b>	
<b>Mod.</b>	<b>QPAK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.90	17.90





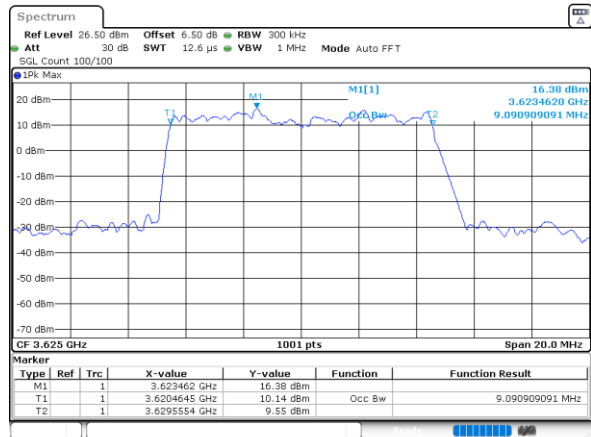
LTE Band 48 10MHz / Middle Channel / Full RB

QPSK



Date: 13.APR.2023 04:40:24

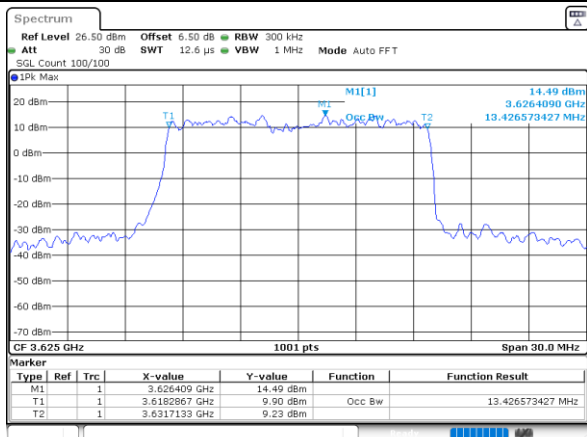
16QAM



Date: 13.APR.2023 04:41:27

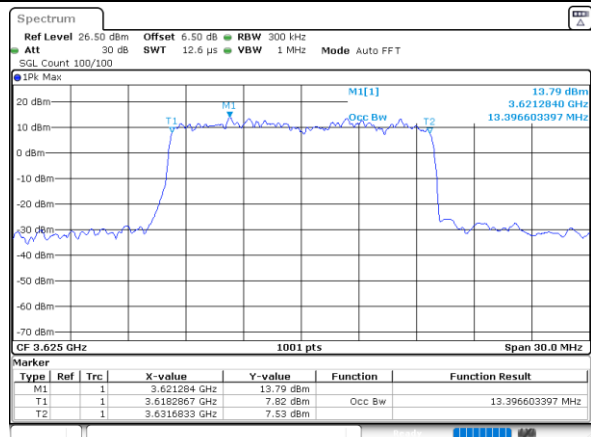
LTE Band 48 15MHz / Middle Channel / Full RB

QPSK



Date: 13.APR.2023 04:41:49

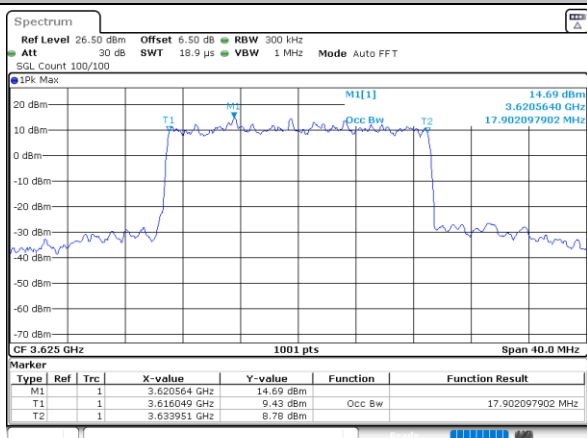
16QAM



Date: 13.APR.2023 04:42:51

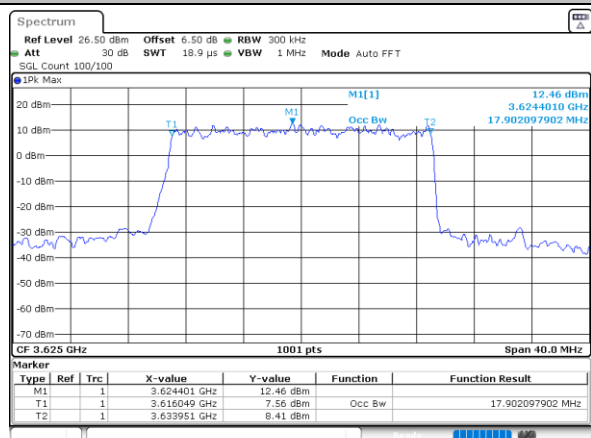
LTE Band 48 20MHz / Middle Channel / Full RB

QPSK



Date: 13.APR.2023 04:43:14

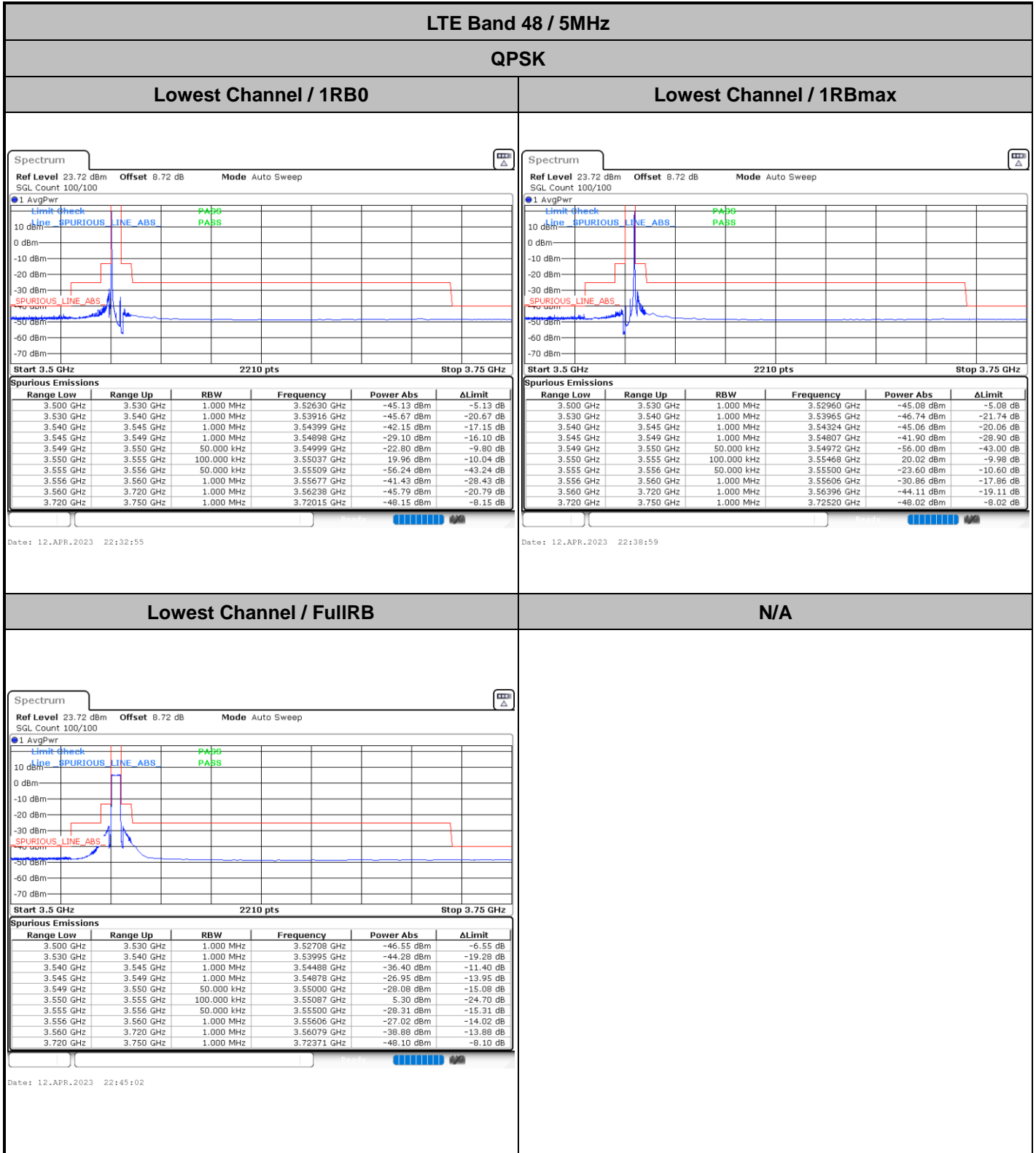
16QAM



Date: 13.APR.2023 04:44:16



# Conducted Band Edge



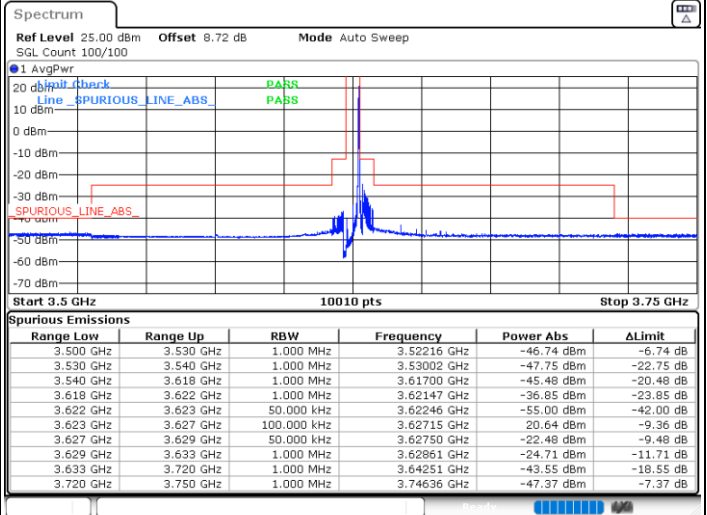
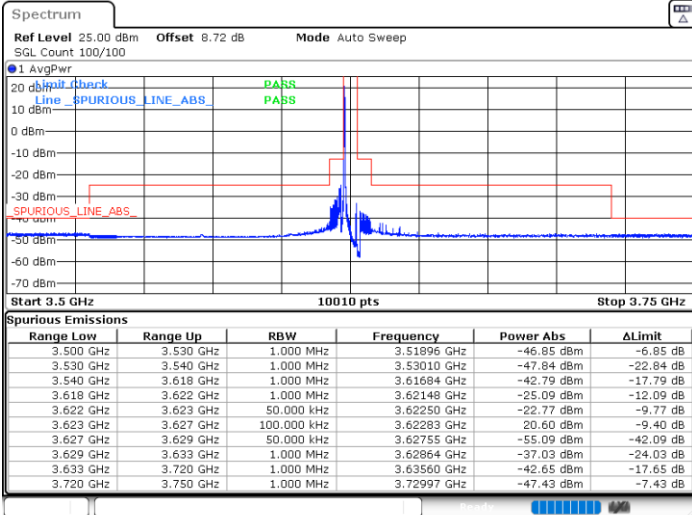


LTE Band 48 / 5MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

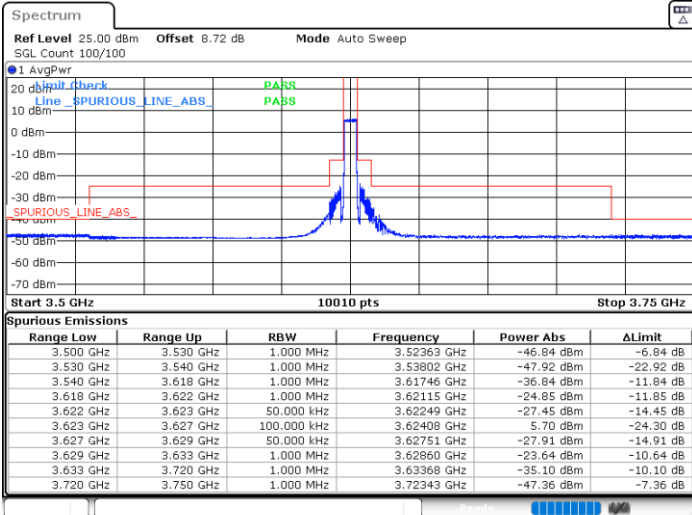


Date: 12.APR.2023 22:52:30

Date: 12.APR.2023 22:58:30

Middle Channel / Full

N/A



Date: 12.APR.2023 23:04:30

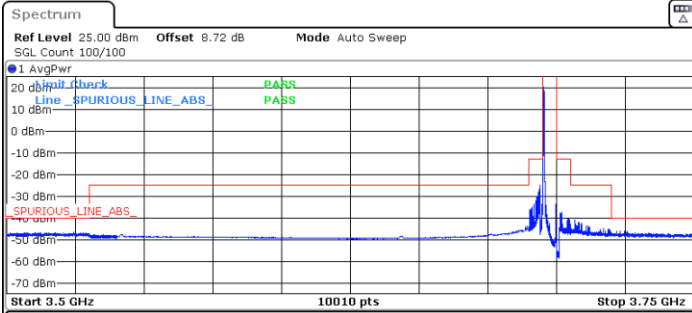


LTE Band 48 / 5MHz

QPSK

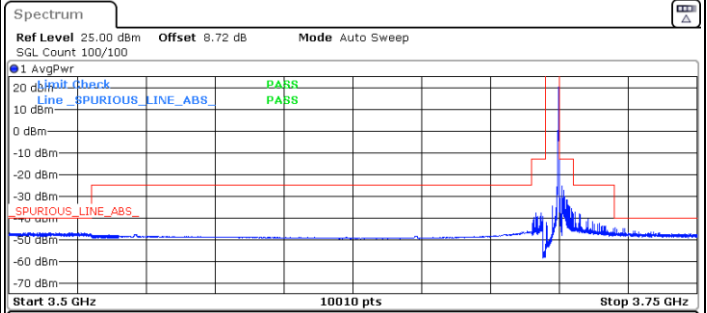
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52429 GHz	-46.77 dBm	-6.77 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53173 GHz	-47.61 dBm	-22.61 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68933 GHz	-43.82 dBm	-18.82 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69397 GHz	-24.98 dBm	-11.98 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69499 GHz	-22.95 dBm	-9.95 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69535 GHz	20.11 dBm	-9.89 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70022 GHz	-55.49 dBm	-42.49 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70180 GHz	-37.59 dBm	-24.59 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70660 GHz	-41.14 dBm	-16.14 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72187 GHz	-46.07 dBm	-6.07 dB

Date: 12.APR.2023 23:10:30

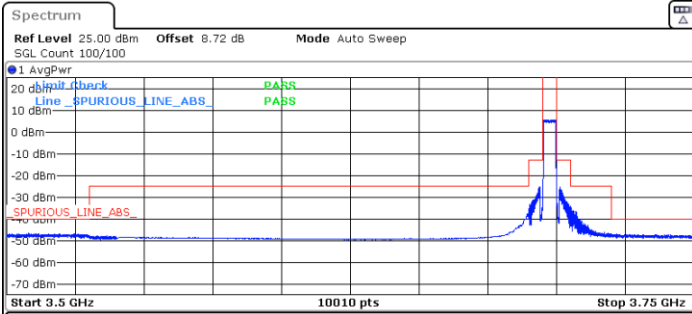


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50781 GHz	-46.82 dBm	-6.82 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53650 GHz	-47.94 dBm	-22.94 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68843 GHz	-46.22 dBm	-21.22 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69349 GHz	-37.89 dBm	-24.89 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69489 GHz	-55.48 dBm	-42.48 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69966 GHz	20.26 dBm	-9.74 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70001 GHz	-23.38 dBm	-10.38 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70104 GHz	-25.40 dBm	-12.40 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70568 GHz	-37.51 dBm	-12.51 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72025 GHz	-44.61 dBm	-4.61 dB

Date: 12.APR.2023 23:16:36

Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50778 GHz	-46.61 dBm	-6.61 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53288 GHz	-47.75 dBm	-22.75 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68978 GHz	-37.24 dBm	-12.24 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69381 GHz	-25.26 dBm	-12.26 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69500 GHz	-27.79 dBm	-14.79 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69701 GHz	5.52 dBm	-24.48 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70001 GHz	-27.69 dBm	-14.69 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70138 GHz	-25.45 dBm	-12.45 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70513 GHz	-34.12 dBm	-9.12 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72175 GHz	-46.95 dBm	-6.95 dB

Date: 12.APR.2023 23:22:42

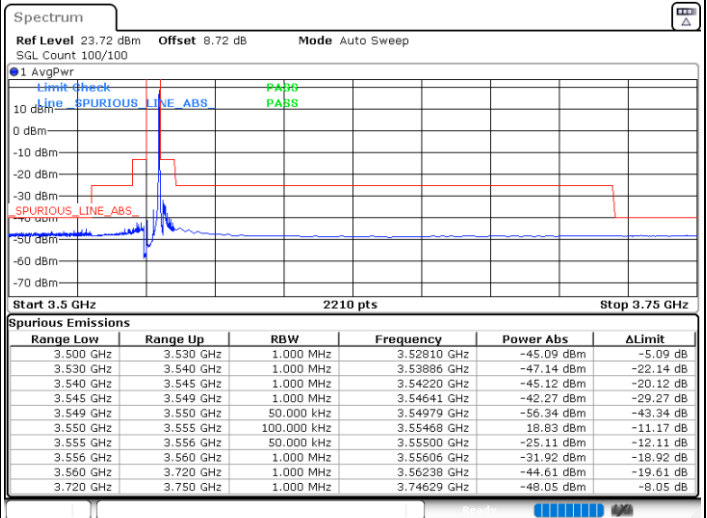
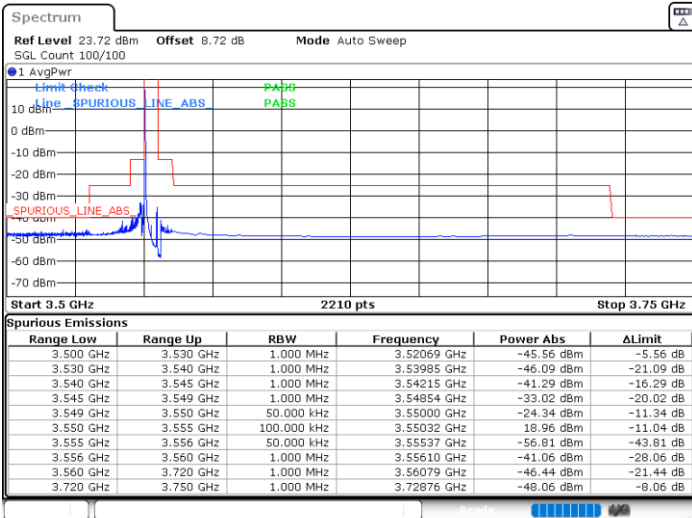


LTE Band 48 / 5MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

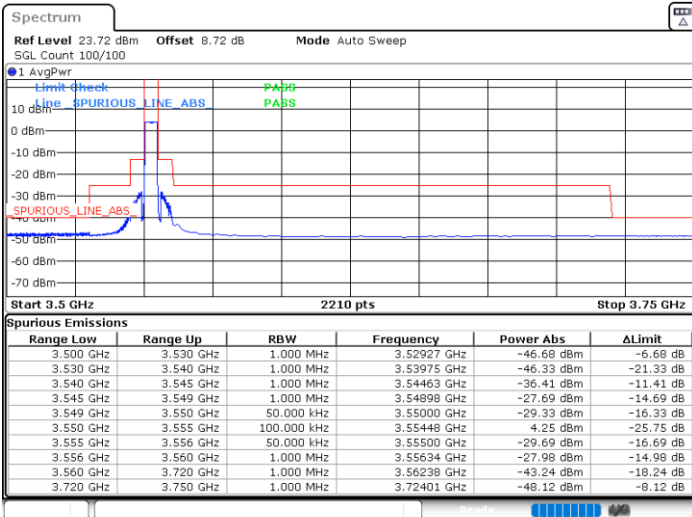


Date: 12.APR.2023 22:34:26

Date: 12.APR.2023 22:40:30

Lowest Channel / FullIRB

N/A



Date: 12.APR.2023 22:46:33

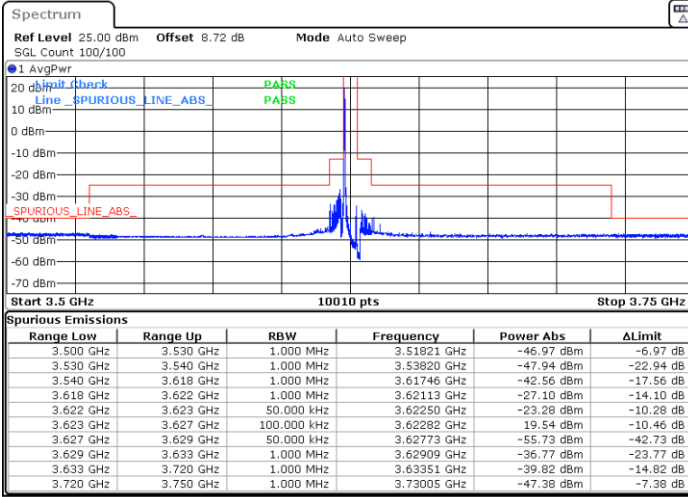


LTE Band 48 / 5MHz

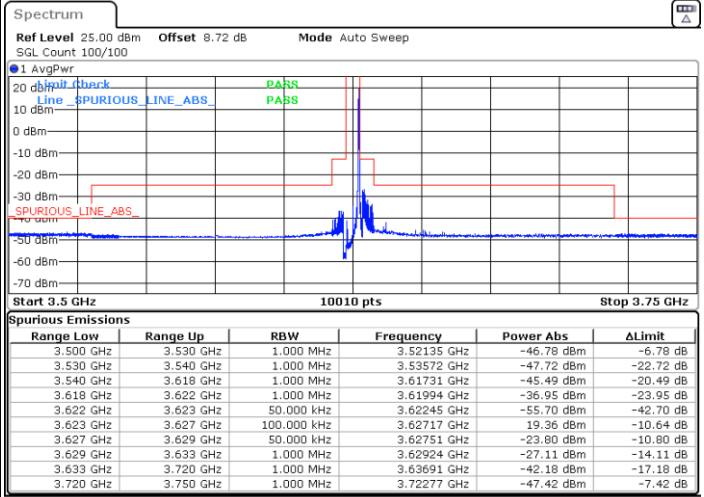
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



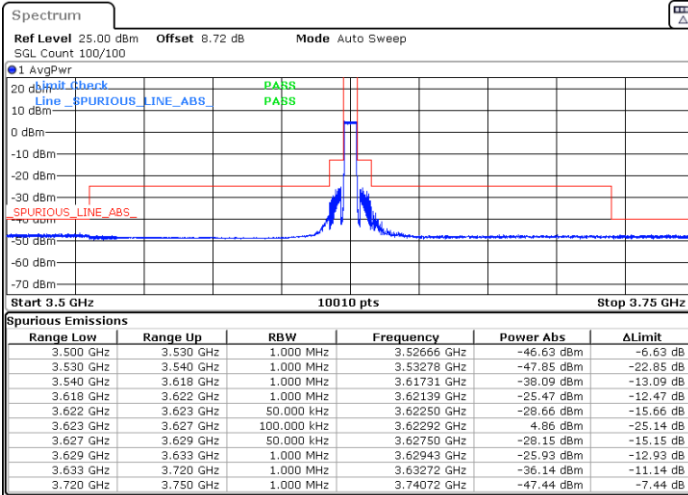
Date: 12.APR.2023 22:54:00



Date: 12.APR.2023 23:00:00

Middle Channel / Full

N/A



Date: 12.APR.2023 23:06:00



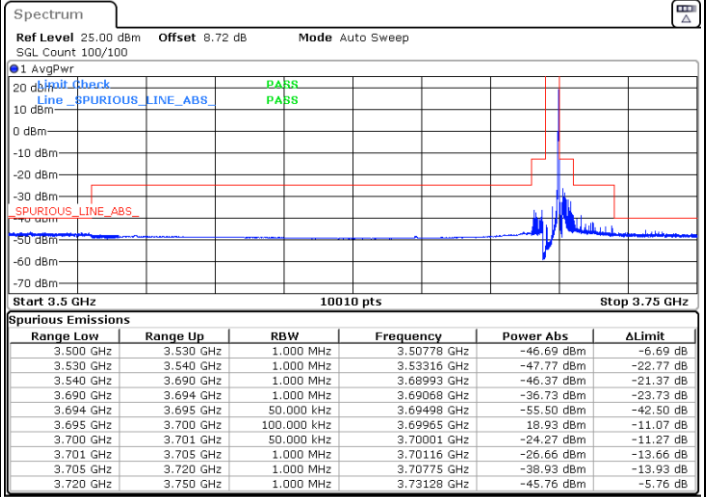
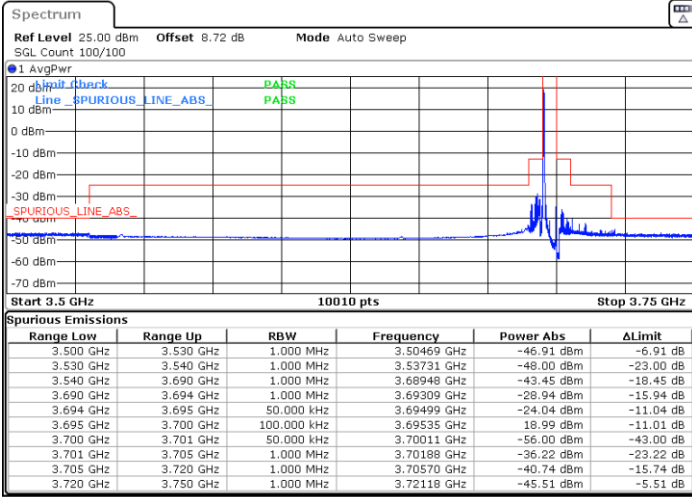


LTE Band 48 / 5MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

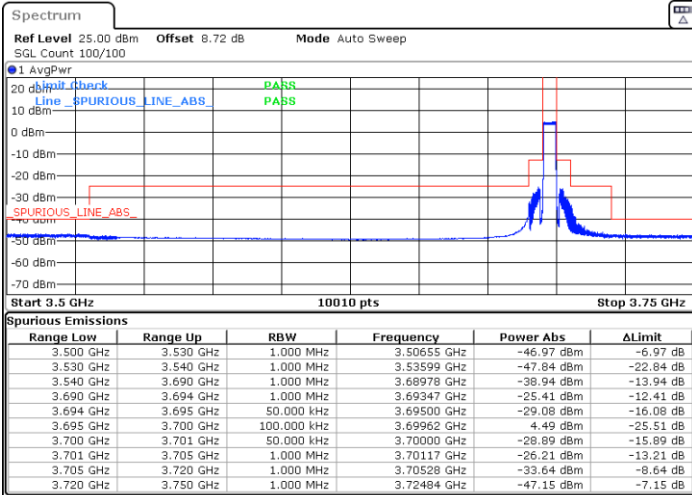


Date: 12.APR.2023 23:12:01

Date: 12.APR.2023 23:18:07

Highest Channel / FullIRB

N/A



Date: 12.APR.2023 23:24:12

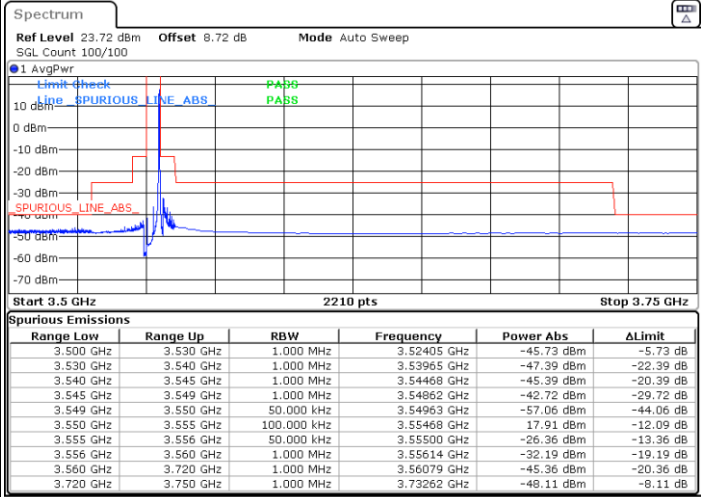
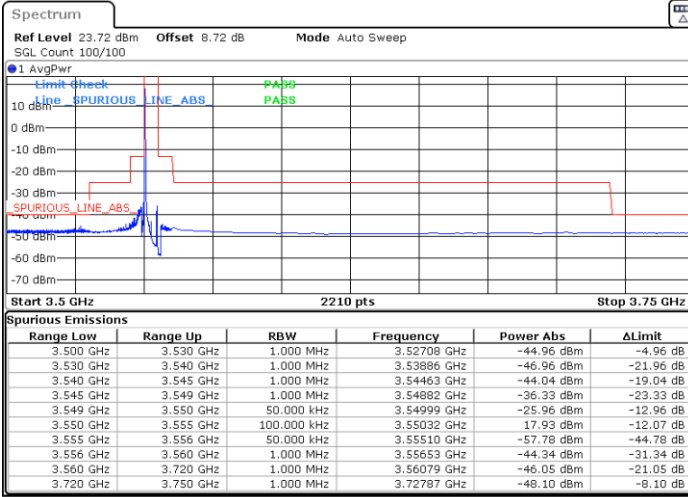


LTE Band 48 / 5MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

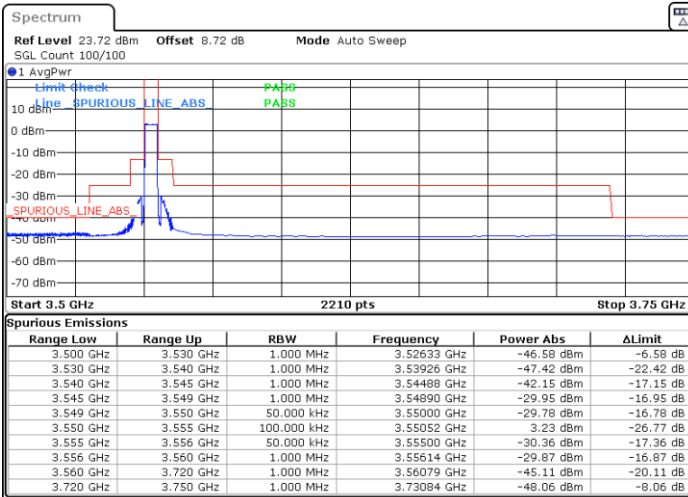


Date: 12.APR.2023 22:35:58

Date: 12.APR.2023 22:42:01

Lowest Channel / FullIRB

N/A



Date: 12.APR.2023 22:48:04

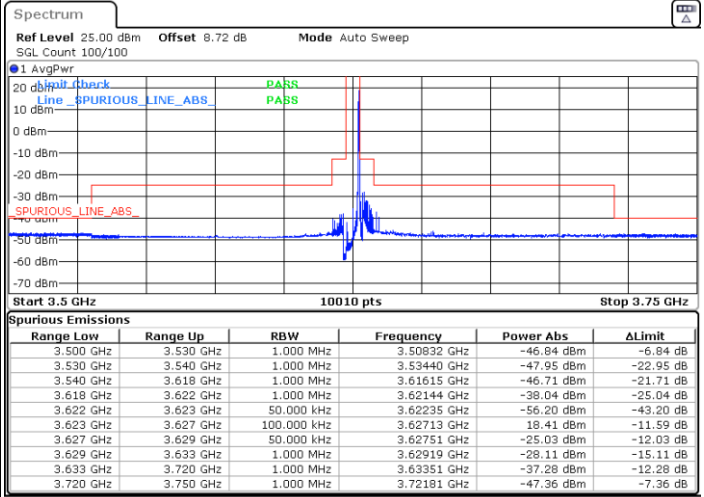
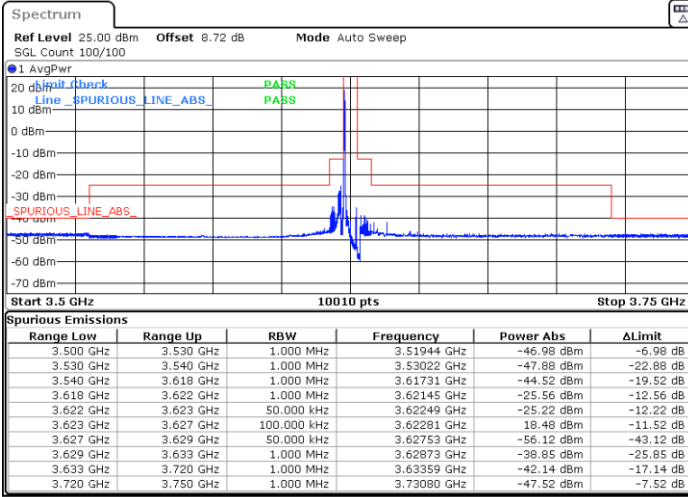


LTE Band 48 / 5MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

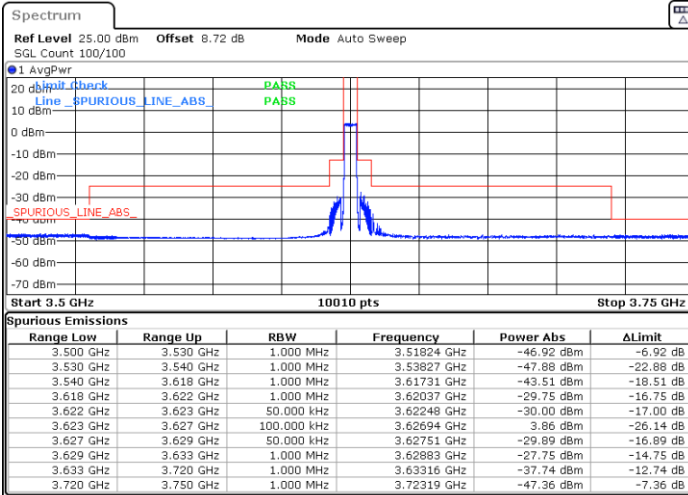


Date: 12.APR.2023 22:55:30

Date: 12.APR.2023 23:01:30

Middle Channel / Full

N/A



Date: 12.APR.2023 23:07:30

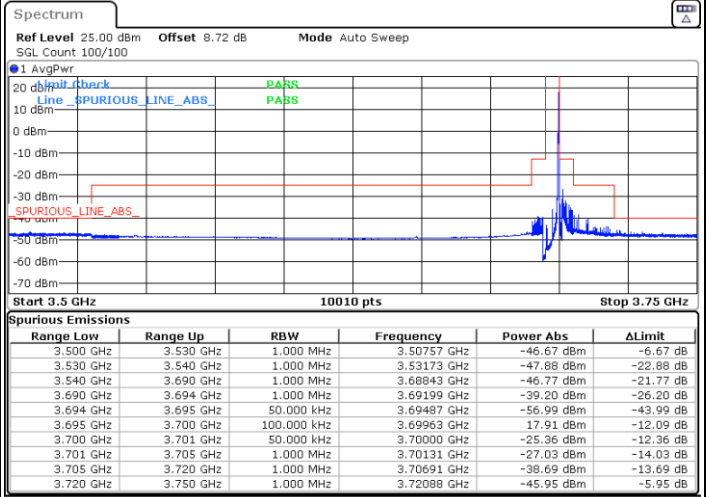
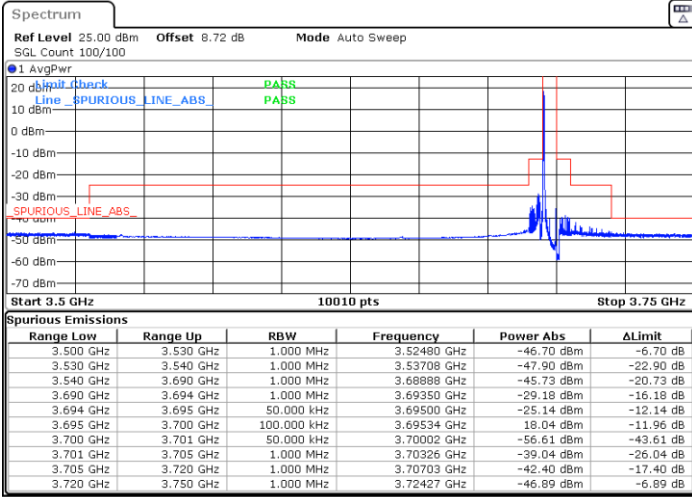


LTE Band 48 / 5MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

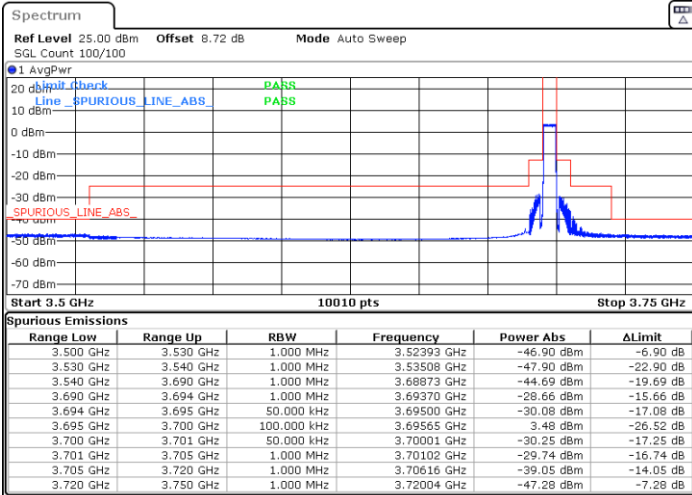


Date: 12.APR.2023 23:13:32

Date: 12.APR.2023 23:19:37

Highest Channel / FullIRB

N/A



Date: 12.APR.2023 23:25:43

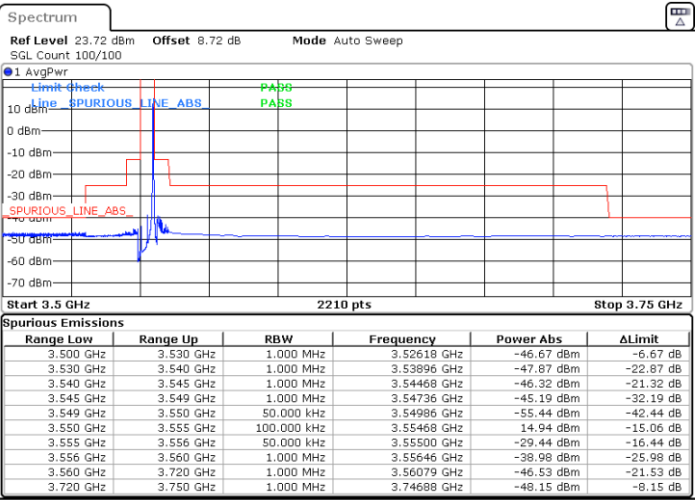
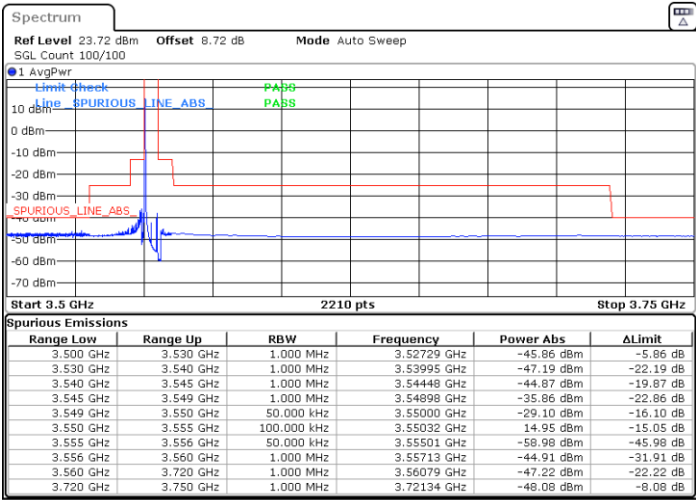


LTE Band 48 / 5MHz

256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

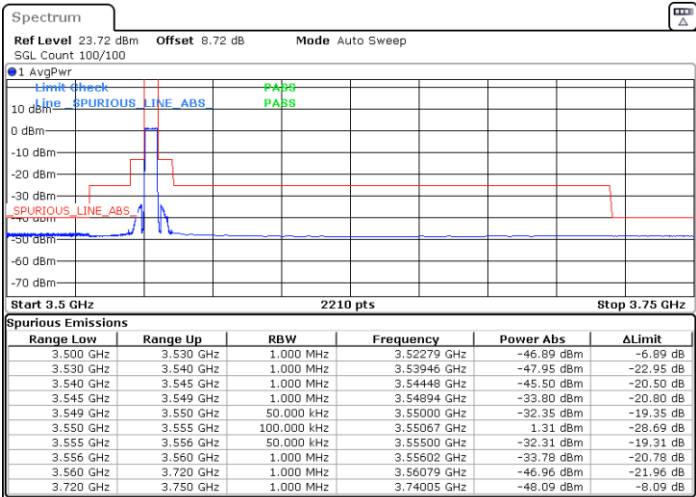


Date: 12.APR.2023 22:37:29

Date: 12.APR.2023 22:43:31

Lowest Channel / FullIRB

N/A



Date: 12.APR.2023 22:49:34

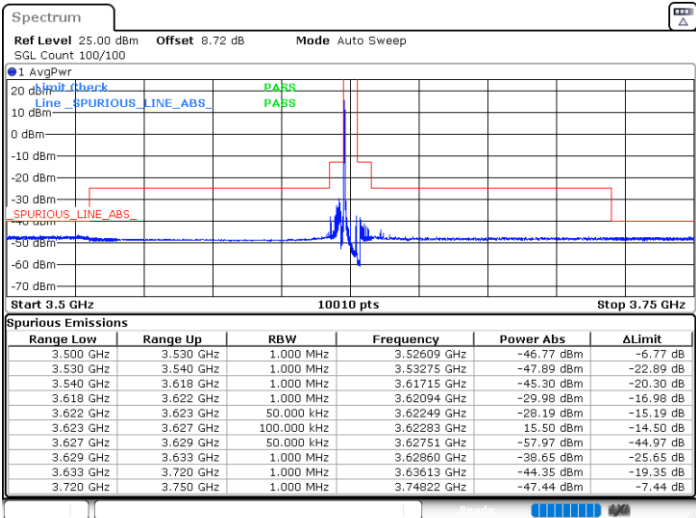


LTE Band 48 / 5MHz

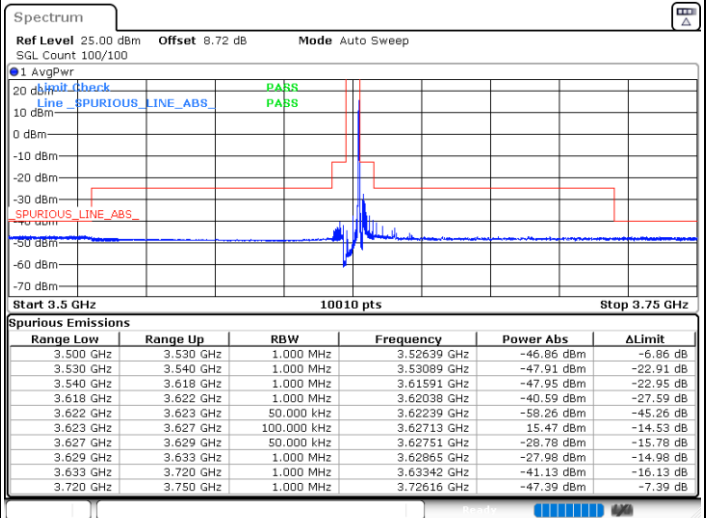
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



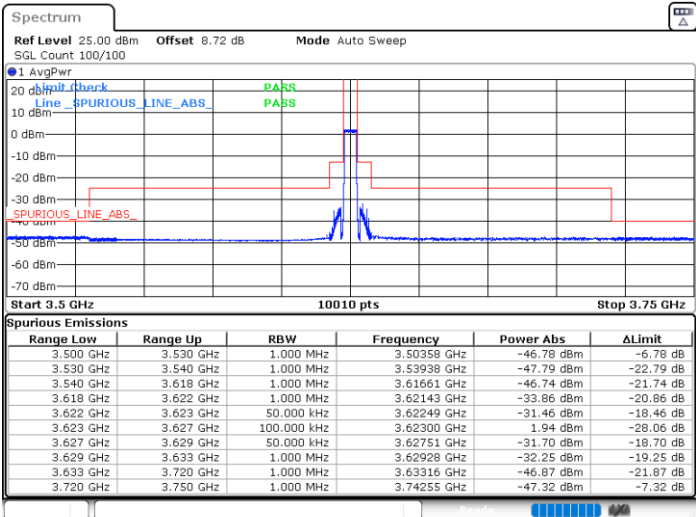
Date: 12.APR.2023 22:57:00



Date: 12.APR.2023 23:03:00

Middle Channel / Full

N/A



Date: 12.APR.2023 23:09:00

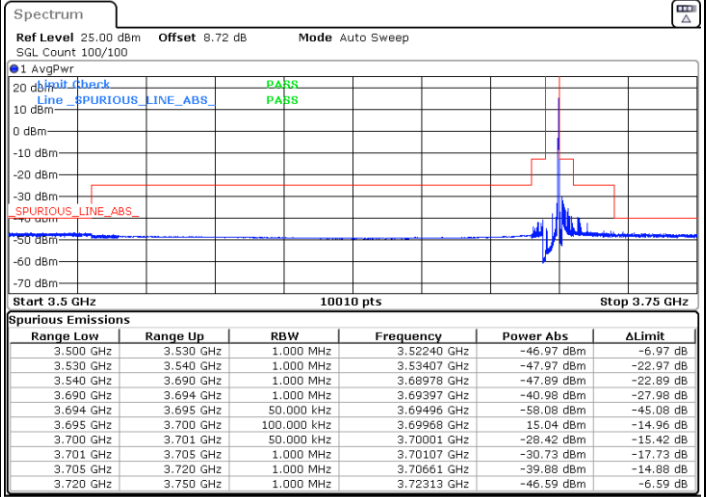
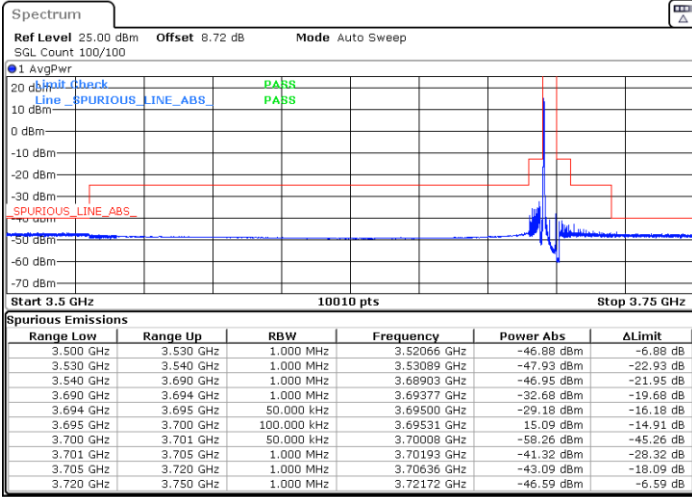


LTE Band 48 / 5MHz

256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

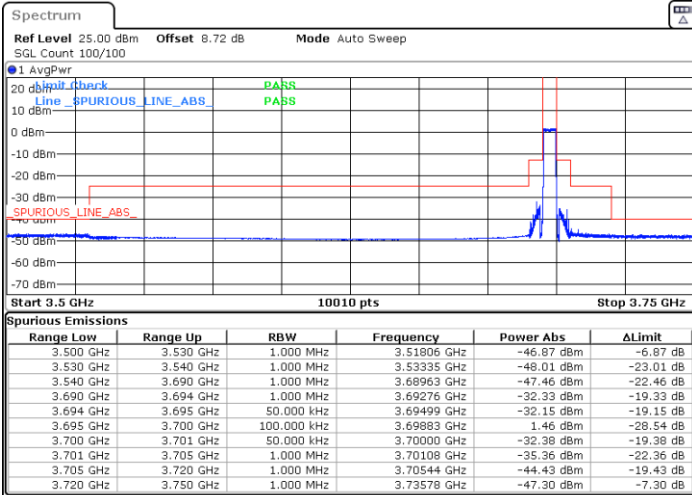


Date: 12.APR.2023 23:15:02

Date: 12.APR.2023 23:21:08

Highest Channel / FullIRB

N/A



Date: 12.APR.2023 23:27:14

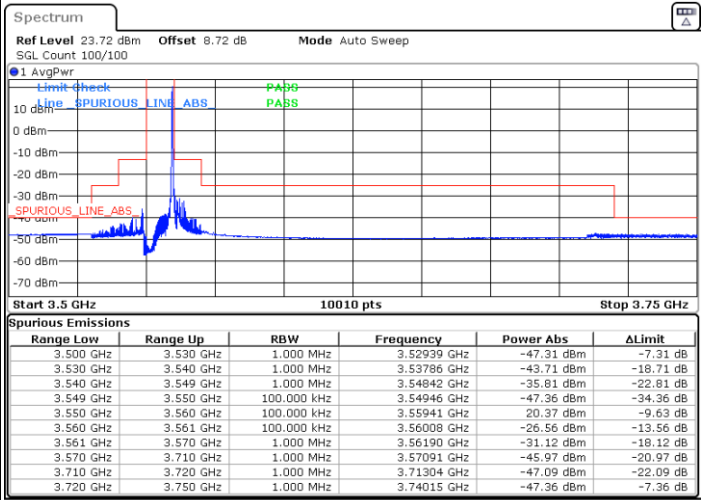
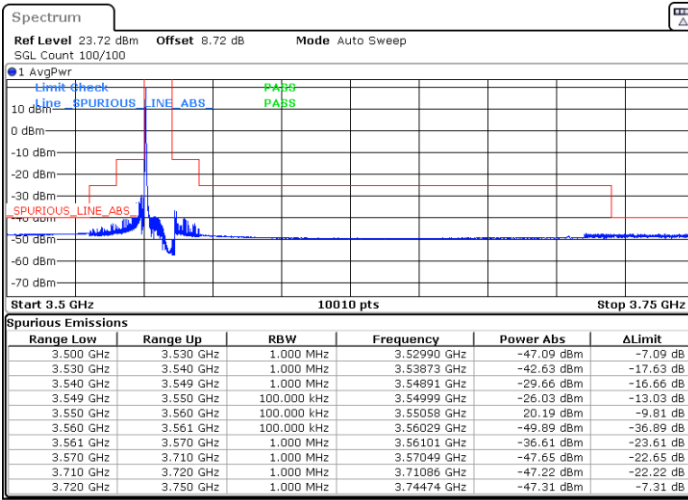


LTE Band 48 / 10MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

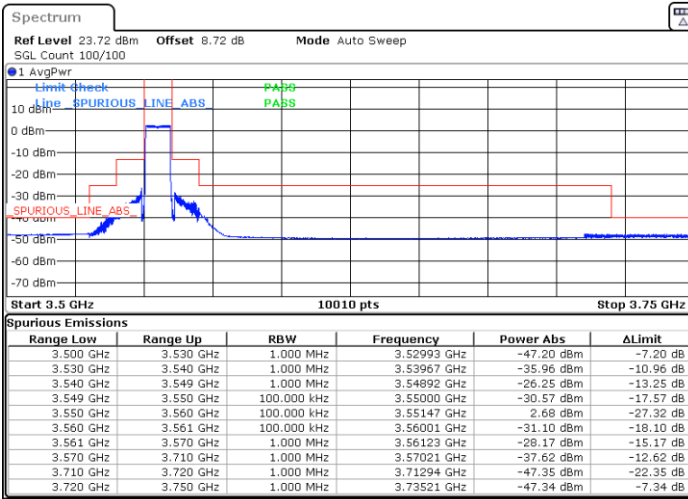


Date: 12.APR.2023 23:28:48

Date: 12.APR.2023 23:34:53

Lowest Channel / FullIRB

N/A



Date: 12.APR.2023 23:41:03



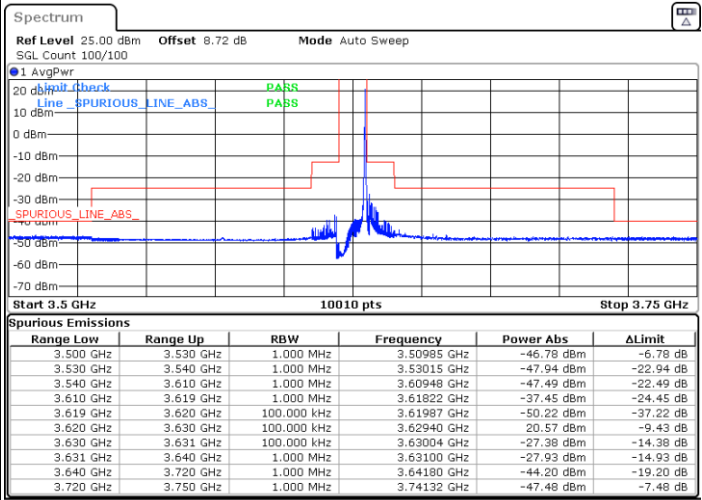
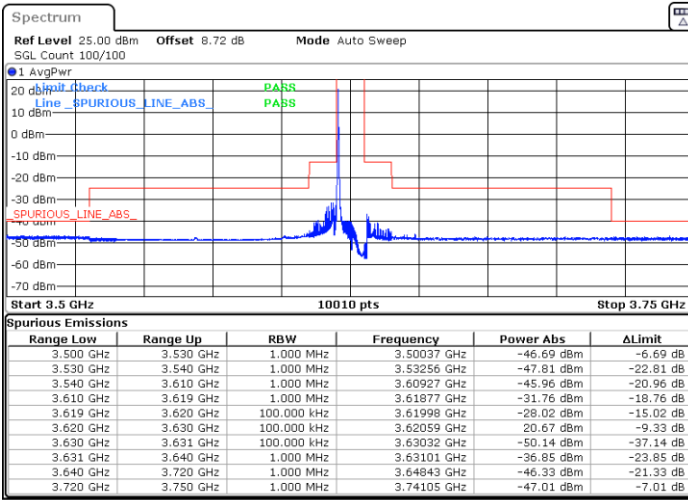


LTE Band 48 / 10MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

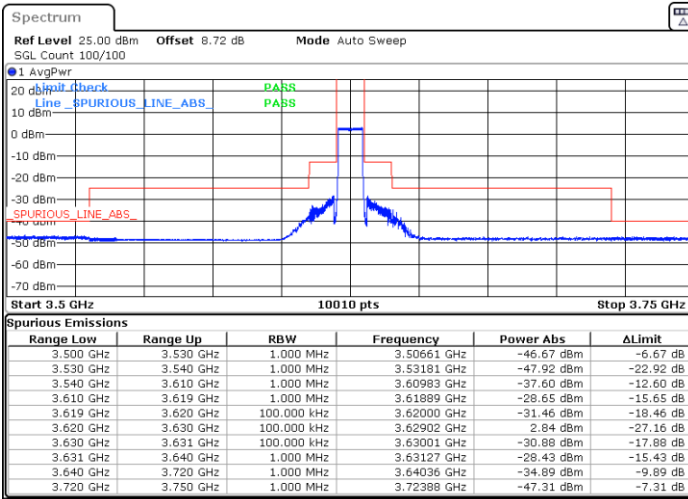


Date: 12.APR.2023 23:49:22

Date: 12.APR.2023 23:55:22

Middle Channel / Full

N/A



Date: 13.APR.2023 00:01:22