

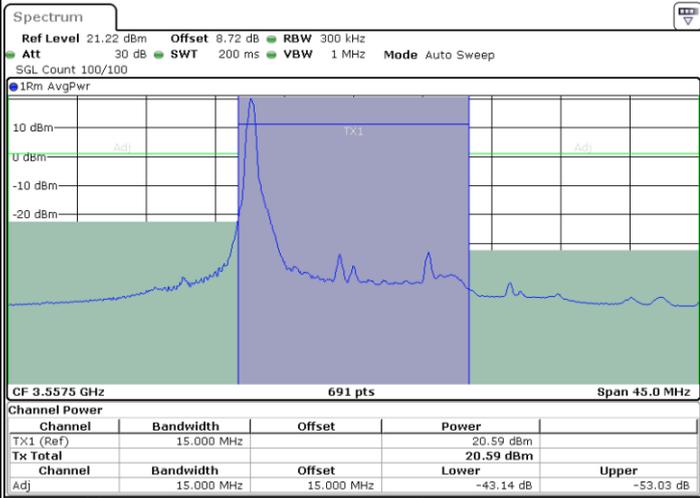


LTE Band 48 / 15MHz

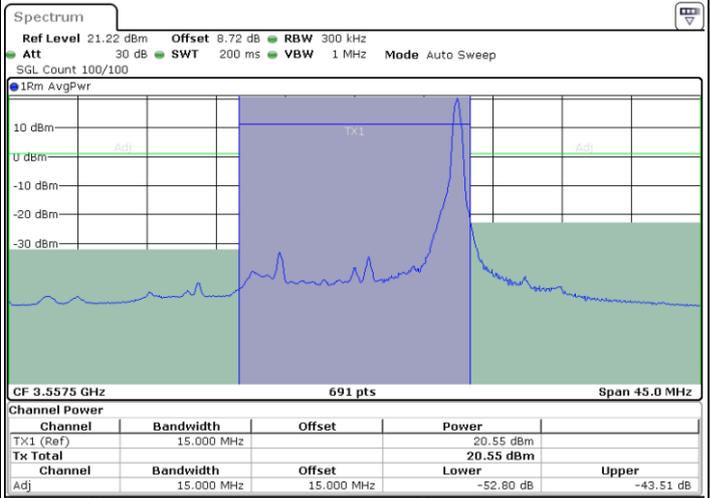
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

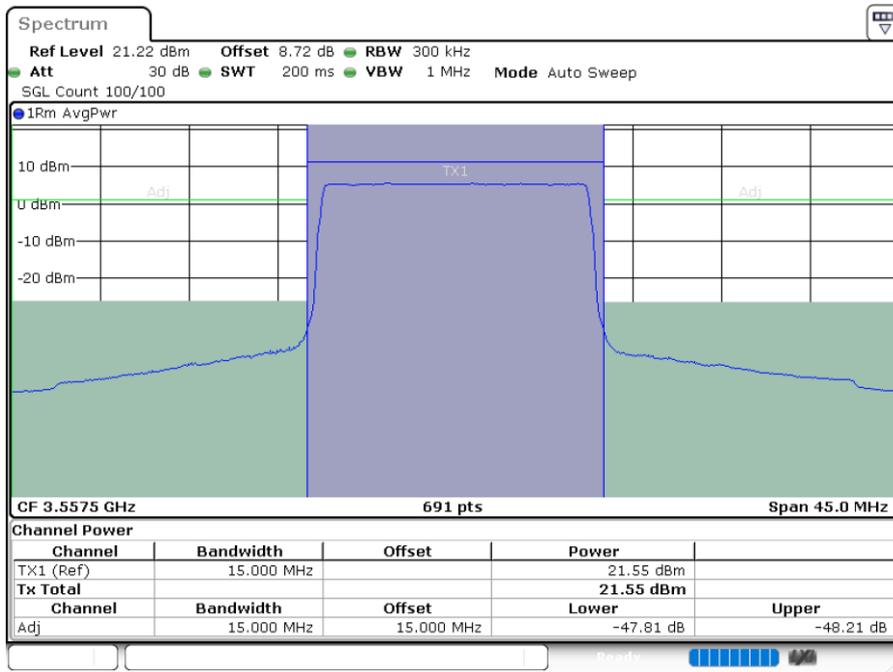


Date: 24.JUL.2024 05:03:12



Date: 24.JUL.2024 05:06:19

Lowest Channel / FullRB



Date: 24.JUL.2024 05:09:22

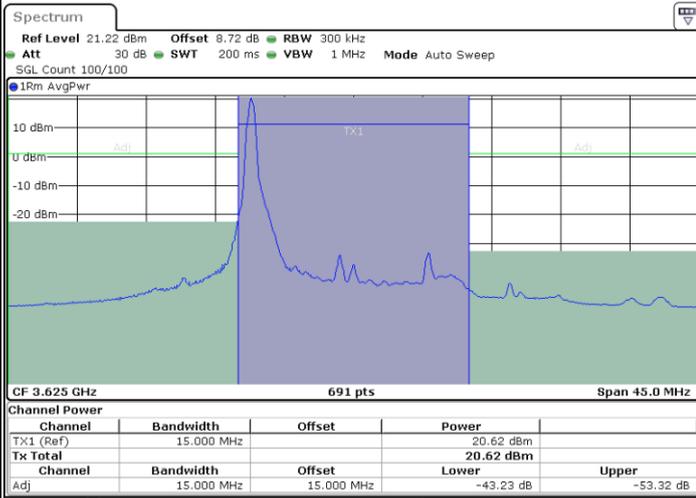


LTE Band 48 / 15MHz

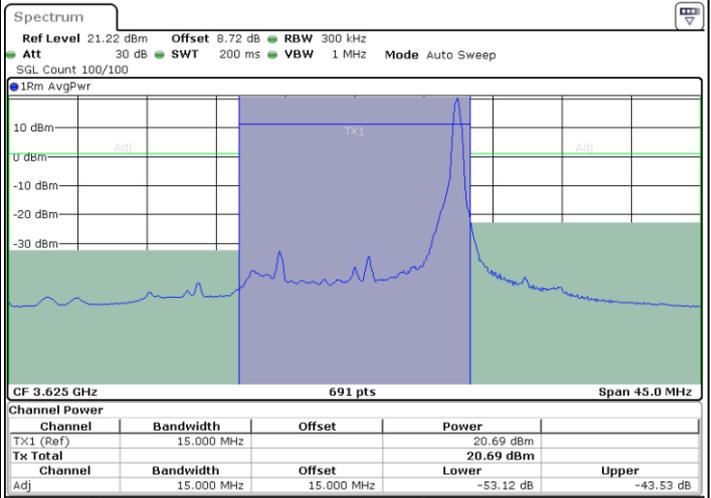
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

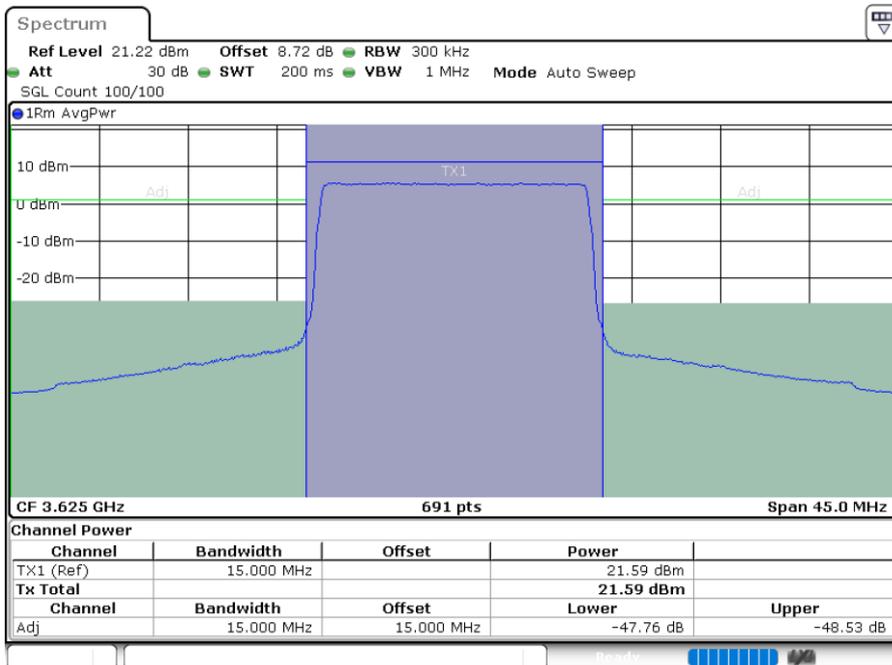


Date: 24.JUL.2024 05:12:21



Date: 24.JUL.2024 05:15:19

Middle Channel / FullRB



Date: 24.JUL.2024 05:18:15

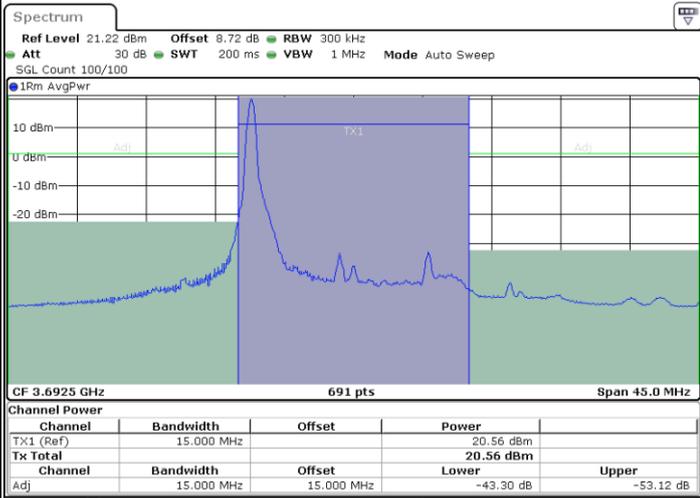


LTE Band 48 / 15MHz

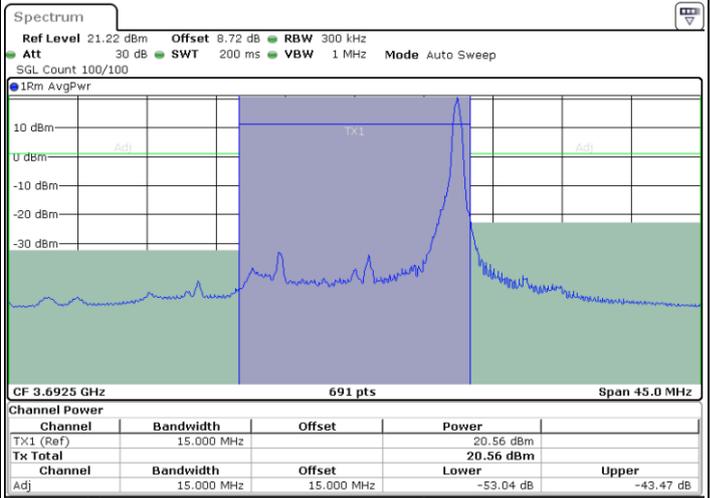
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

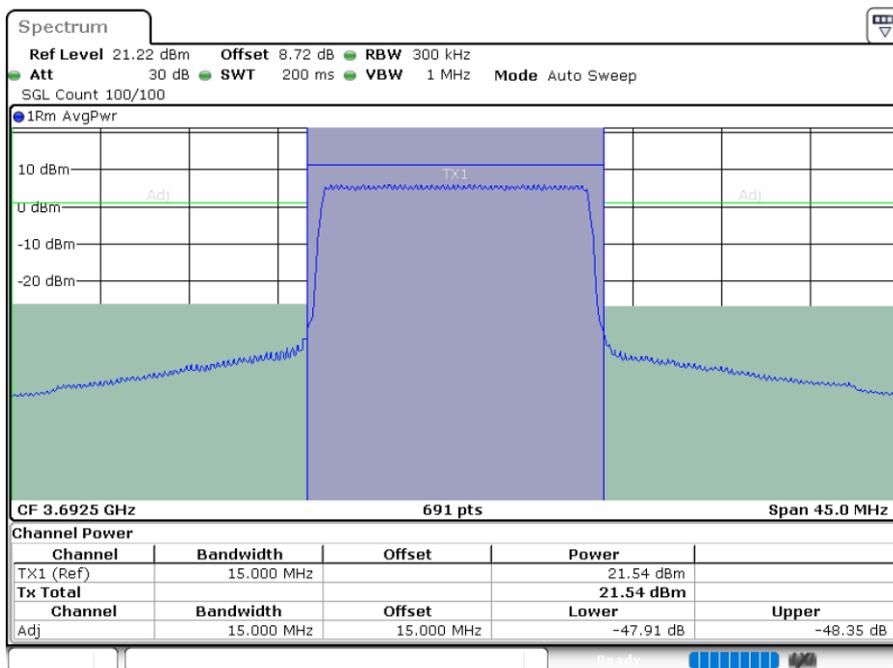


Date: 24.JUL.2024 05:21:13



Date: 24.JUL.2024 05:24:19

Highest Channel / FullRB



Date: 24.JUL.2024 05:27:32

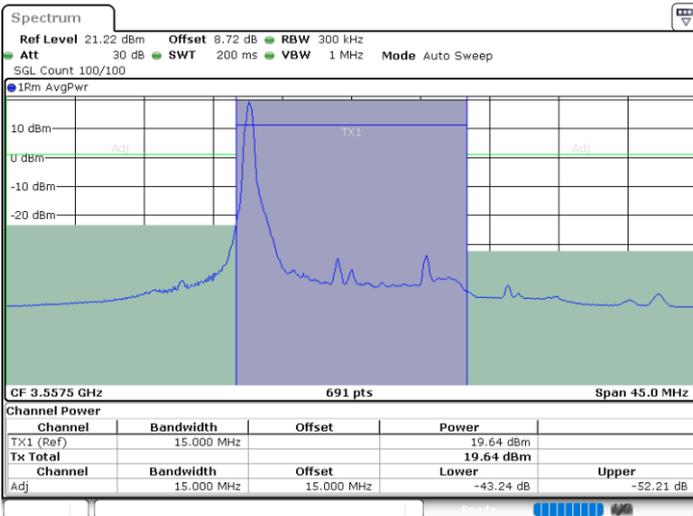


LTE Band 48 / 15MHz

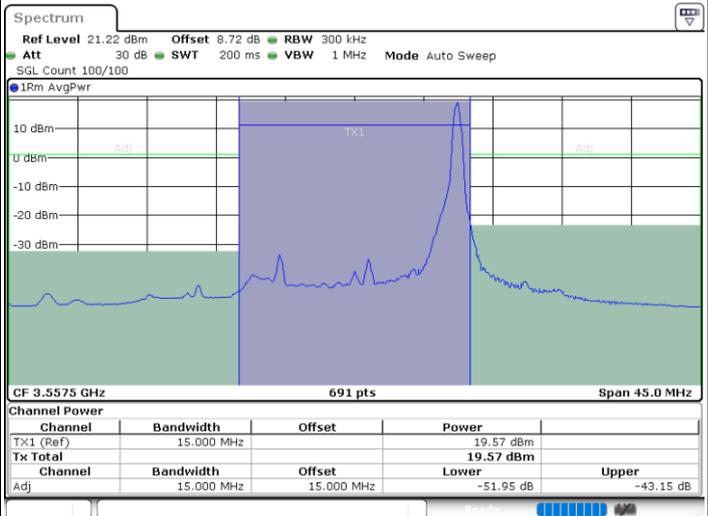
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

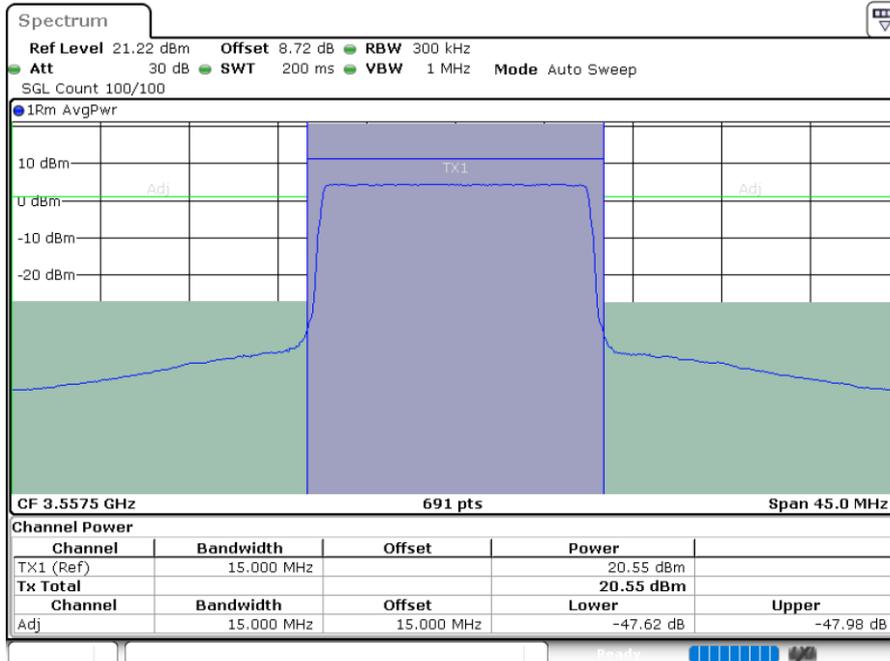


Date: 24.JUL.2024 05:04:04



Date: 24.JUL.2024 05:07:07

Lowest Channel / FullRB



Date: 24.JUL.2024 05:10:06

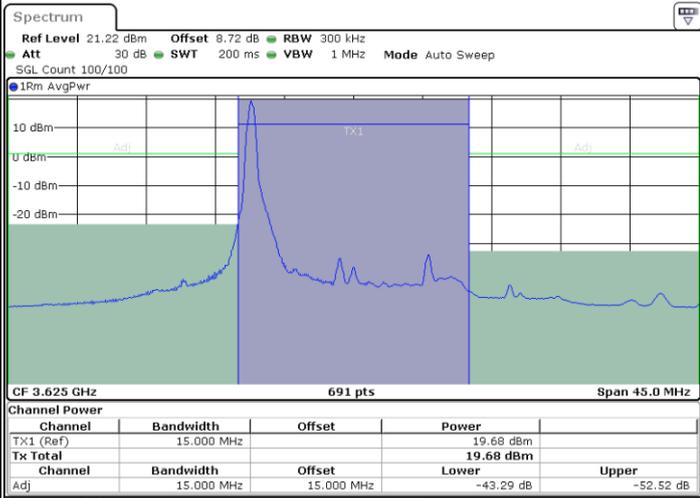


LTE Band 48 / 15MHz

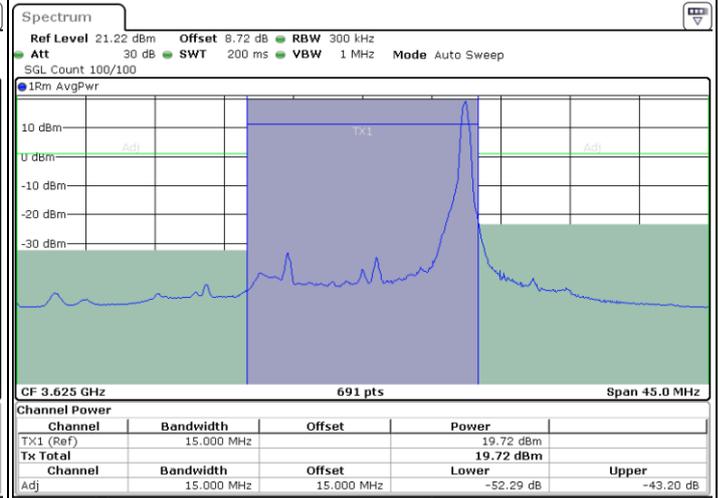
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

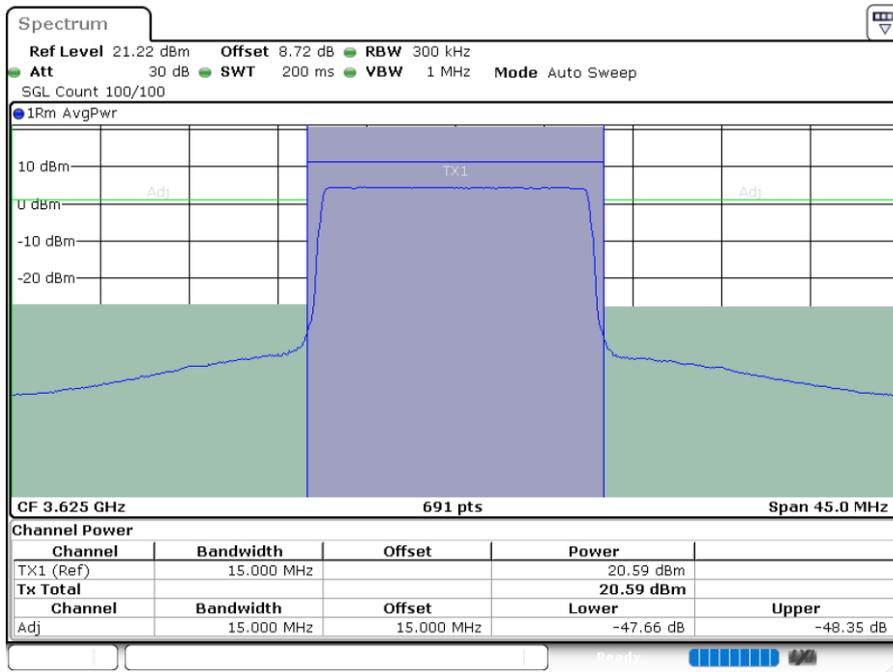


Date: 24.JUL.2024 05:13:05



Date: 24.JUL.2024 05:16:02

Middle Channel / FullRB



Date: 24.JUL.2024 05:19:00

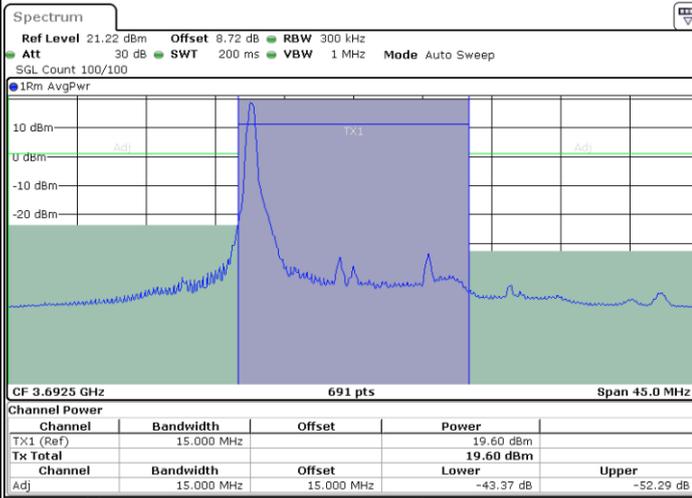


LTE Band 48 / 15MHz

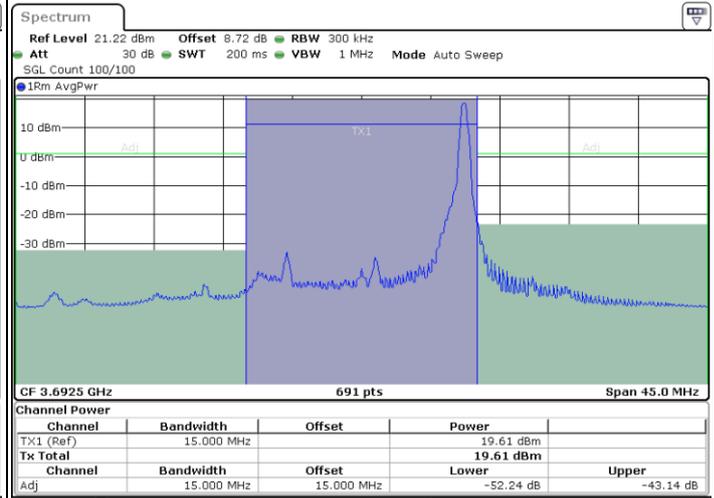
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

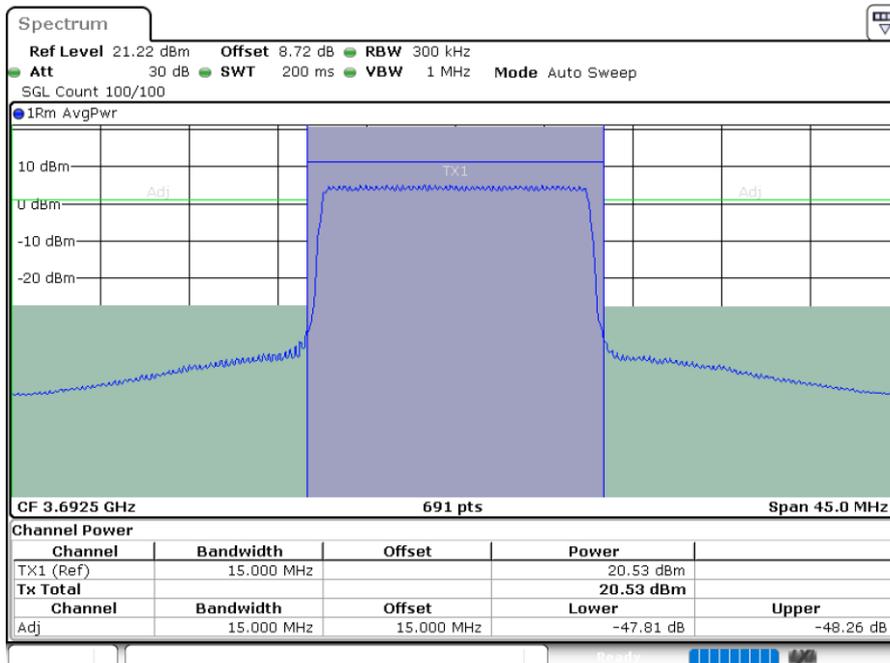


Date: 24.JUL.2024 05:22:05



Date: 24.JUL.2024 05:25:17

Highest Channel / FullRB



Date: 24.JUL.2024 05:28:17

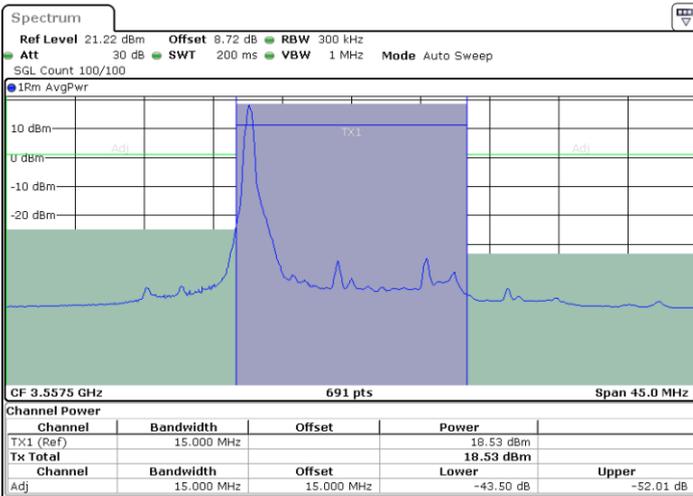


LTE Band 48 / 15MHz

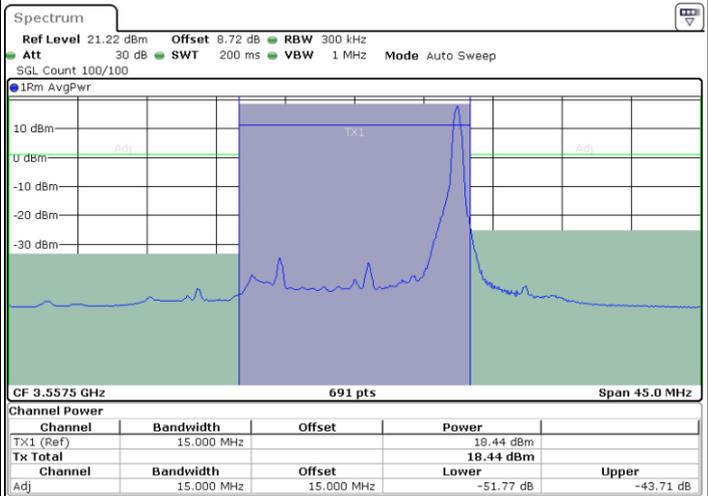
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

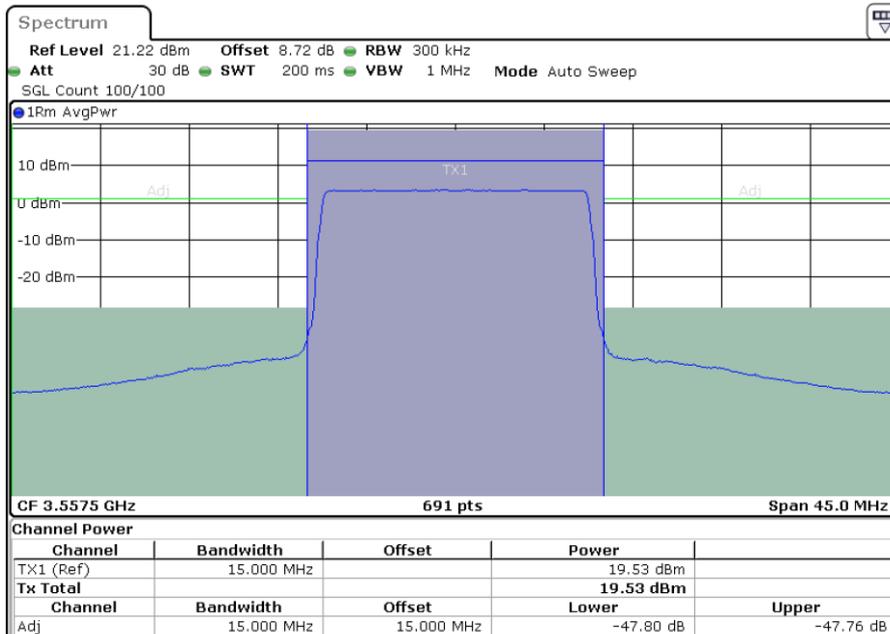


Date: 24.JUL.2024 05:04:49



Date: 24.JUL.2024 05:07:52

Lowest Channel / FullRB



Date: 24.JUL.2024 05:10:51

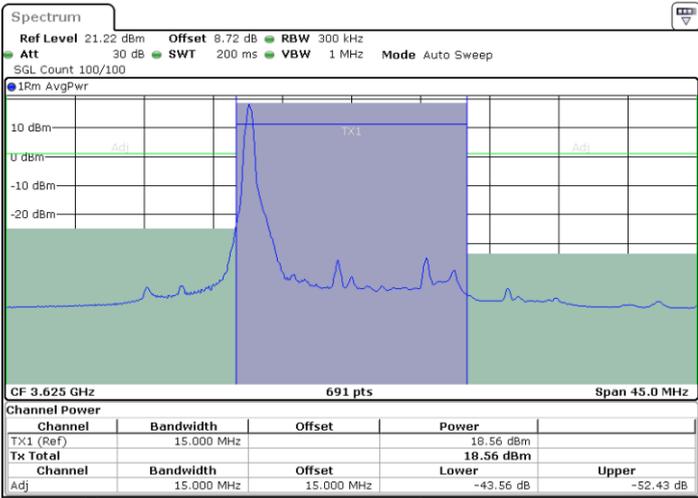


LTE Band 48 / 15MHz

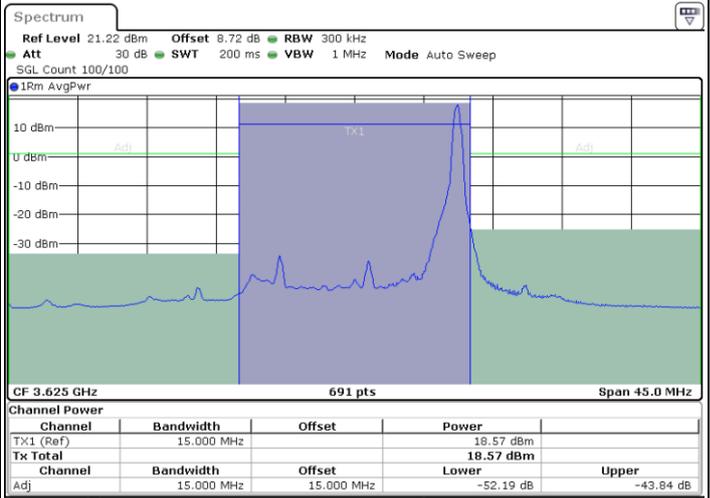
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

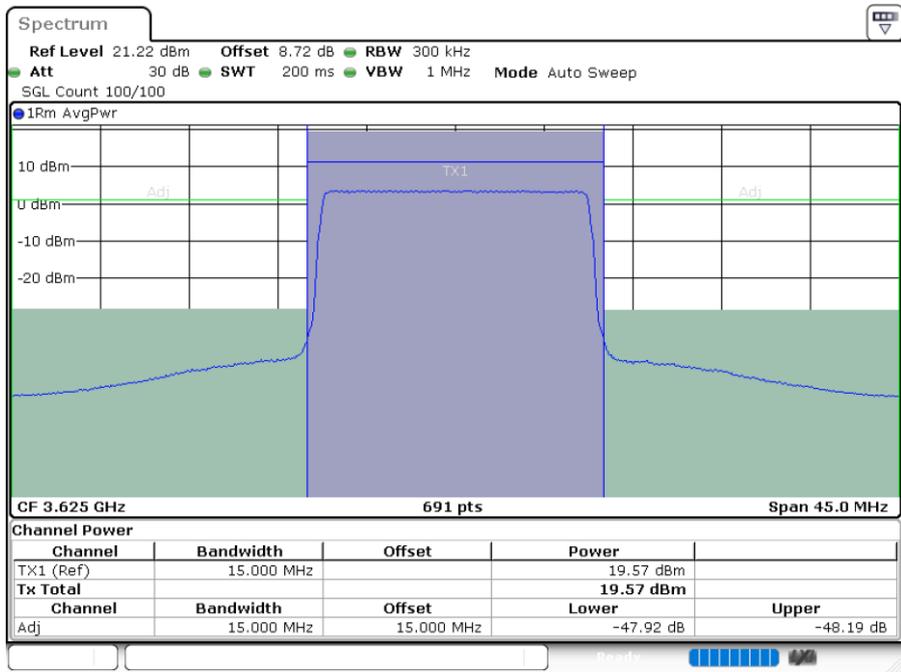


Date: 24.JUL.2024 05:13:50



Date: 24.JUL.2024 05:16:47

Middle Channel / FullRB



Date: 24.JUL.2024 05:19:44

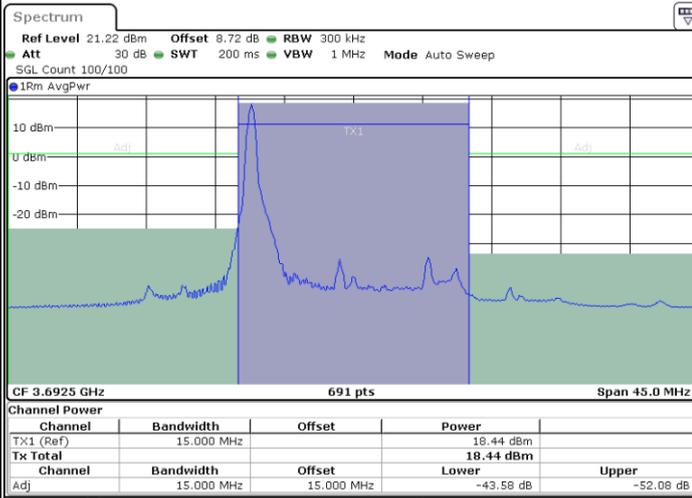


LTE Band 48 / 15MHz

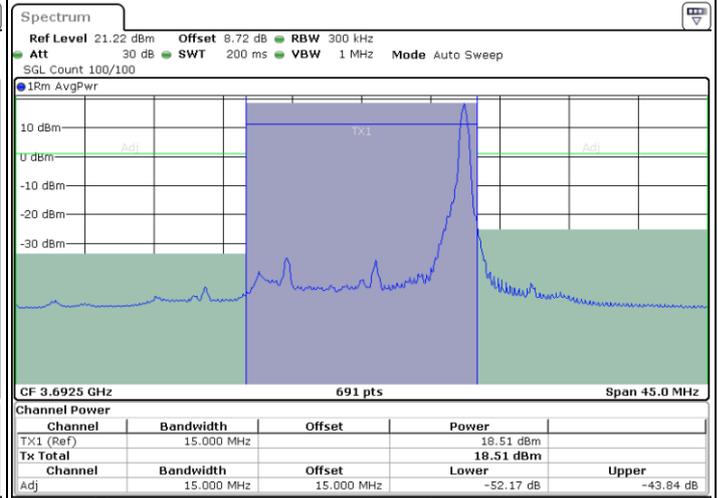
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

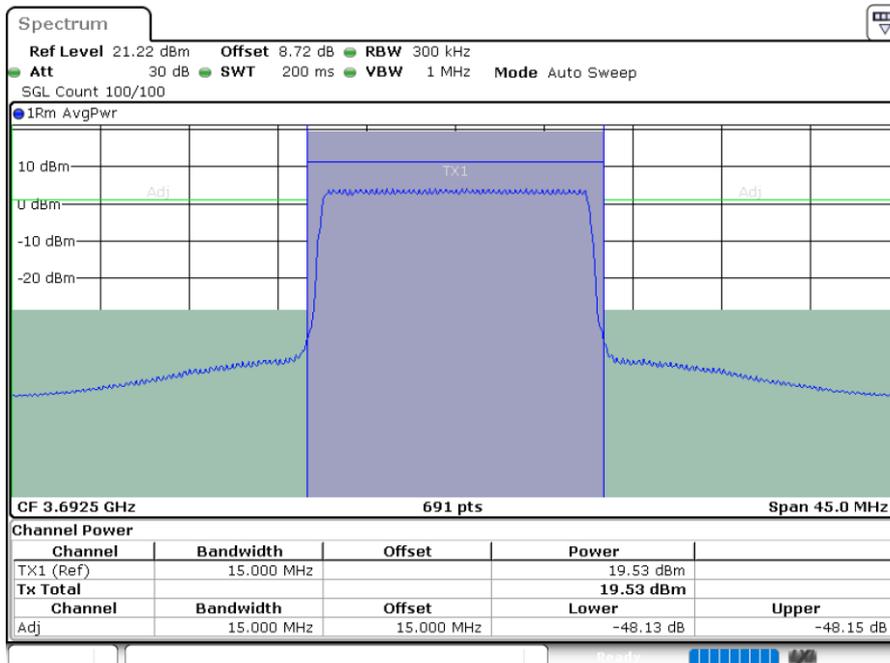


Date: 24.JUL.2024 05:22:49



Date: 24.JUL.2024 05:26:02

Highest Channel / FullRB



Date: 24.JUL.2024 05:29:02

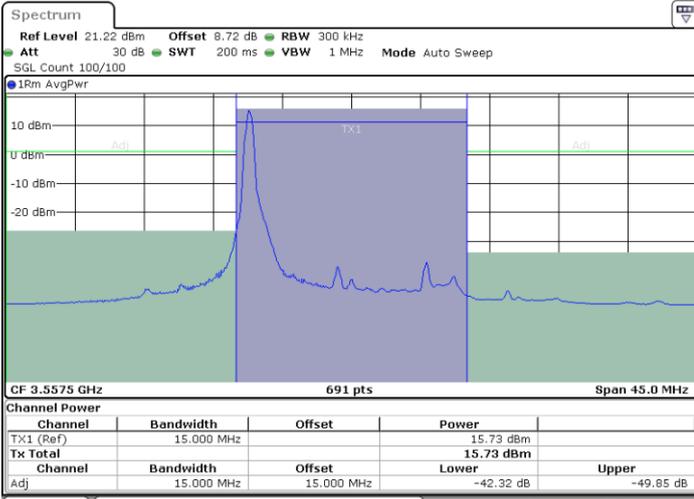


LTE Band 48 / 15MHz

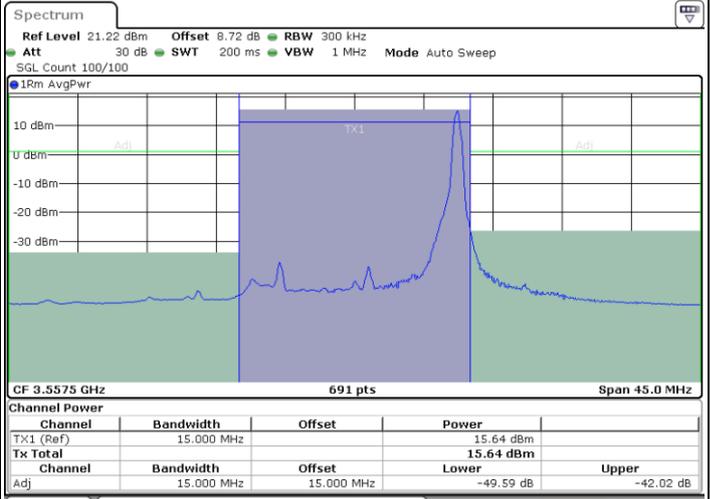
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

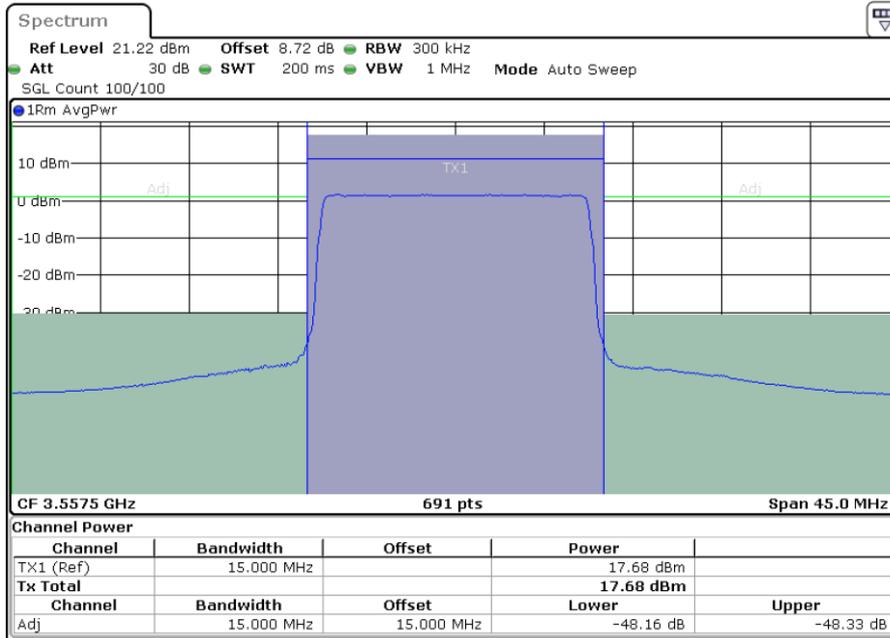


Date: 24.JUL.2024 05:05:34



Date: 24.JUL.2024 05:08:37

Lowest Channel / FullRB



Date: 24.JUL.2024 05:11:36

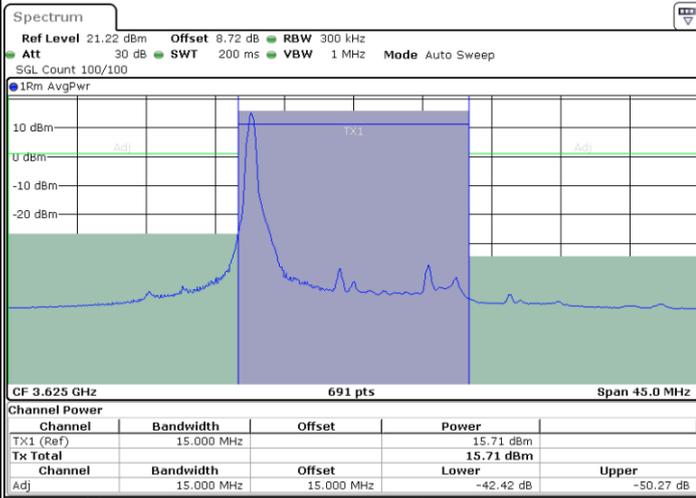


LTE Band 48 / 15MHz

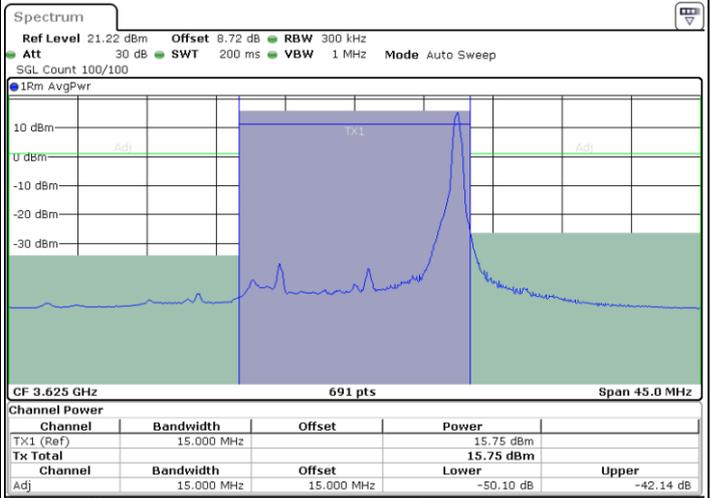
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

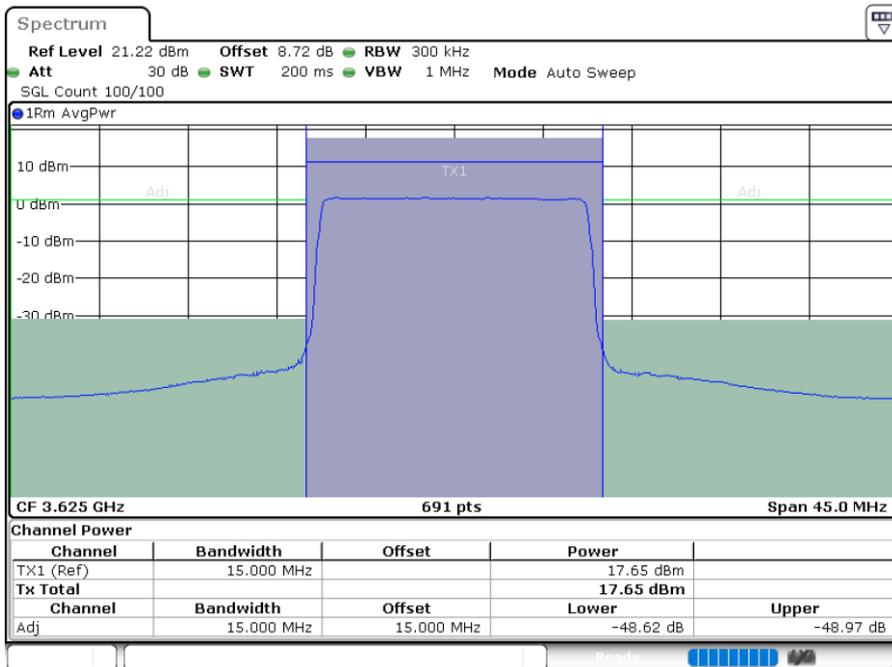


Date: 24.JUL.2024 05:14:34



Date: 24.JUL.2024 05:17:31

Middle Channel / FullRB



Date: 24.JUL.2024 05:20:28

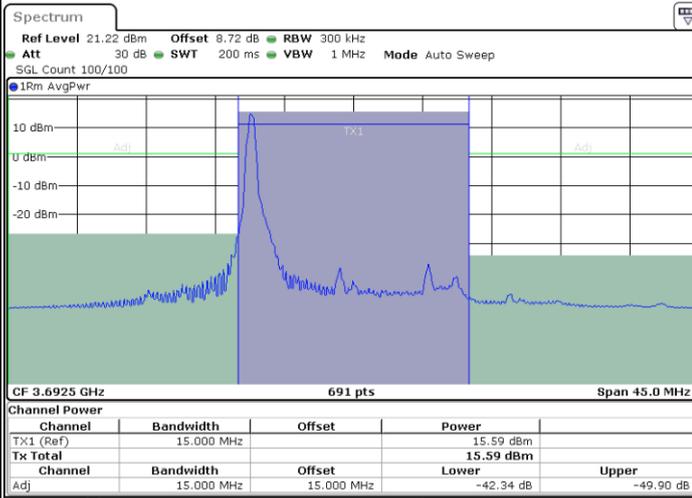


LTE Band 48 / 15MHz

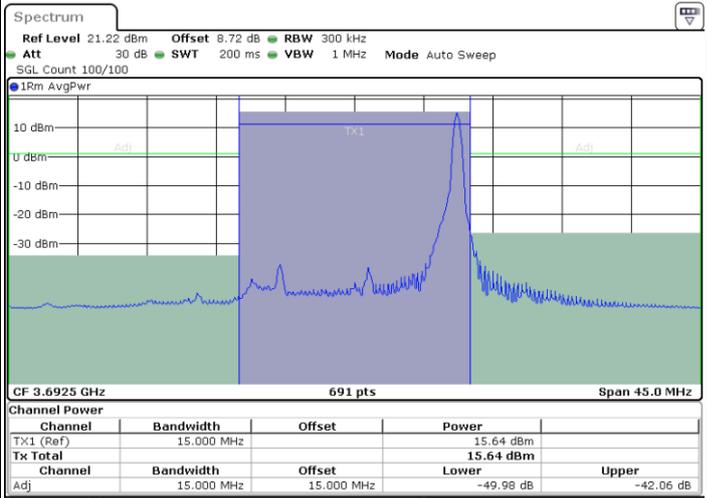
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

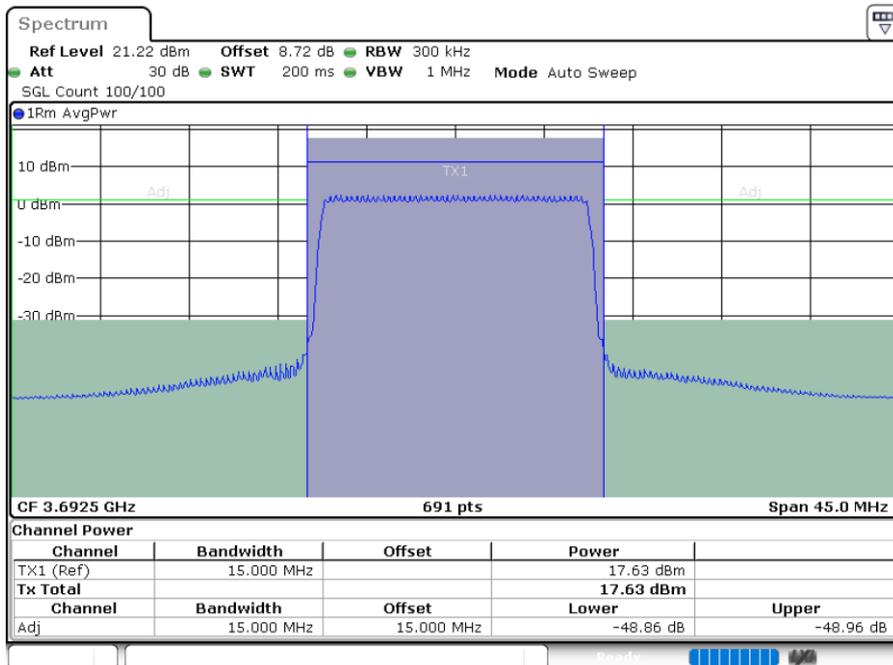


Date: 24.JUL.2024 05:23:34



Date: 24.JUL.2024 05:26:47

Highest Channel / FullRB



Date: 24.JUL.2024 05:29:47

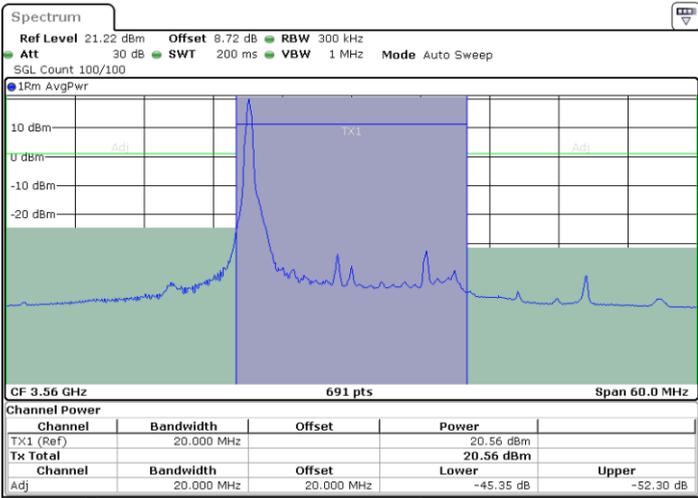


LTE Band 48 / 20MHz

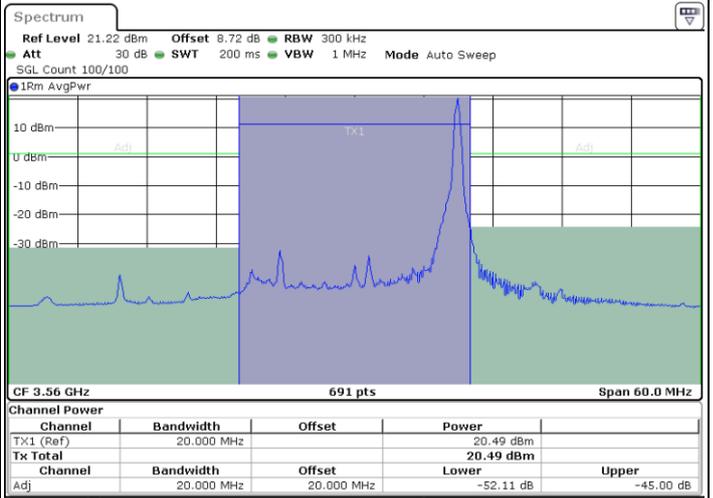
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

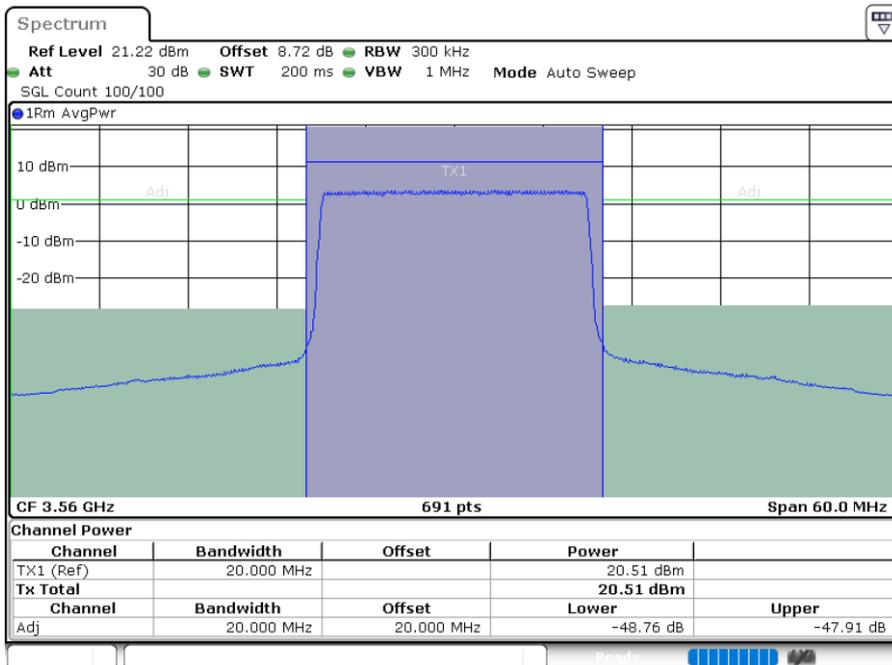


Date: 24.JUL.2024 05:31:15



Date: 24.JUL.2024 05:34:28

Lowest Channel / FullRB



Date: 24.JUL.2024 05:37:31

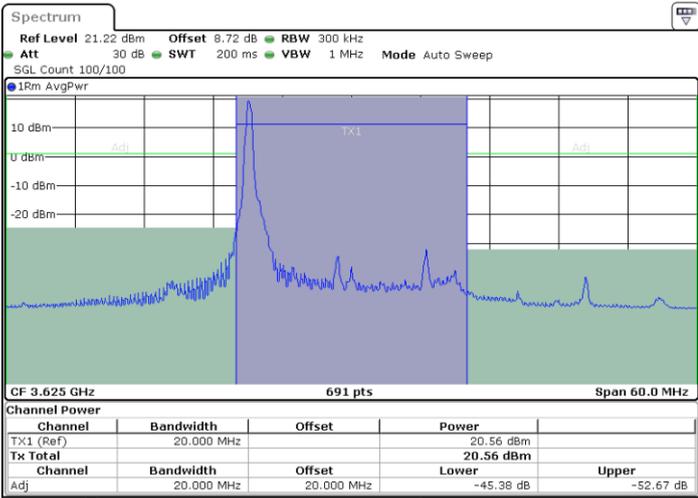


LTE Band 48 / 20MHz

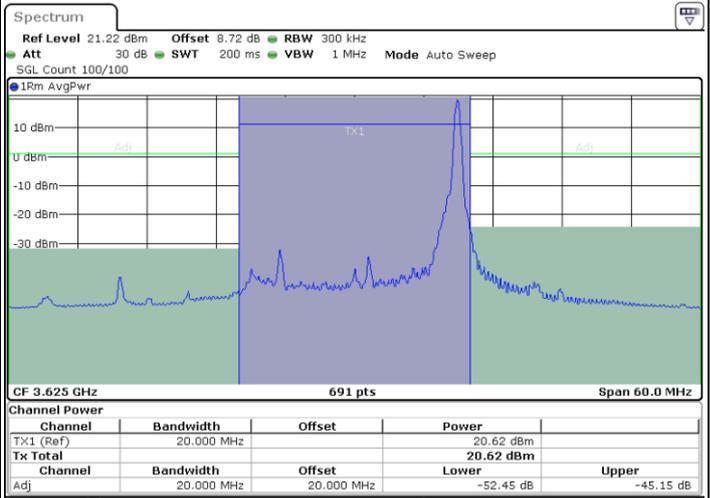
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

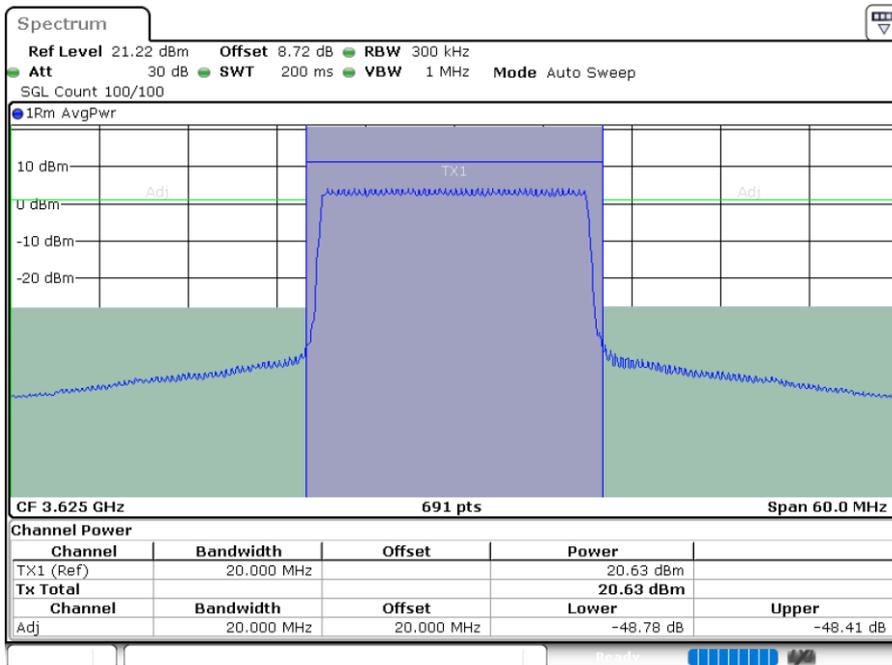


Date: 24.JUL.2024 05:40:31



Date: 24.JUL.2024 05:43:28

Middle Channel / FullRB



Date: 24.JUL.2024 05:46:25

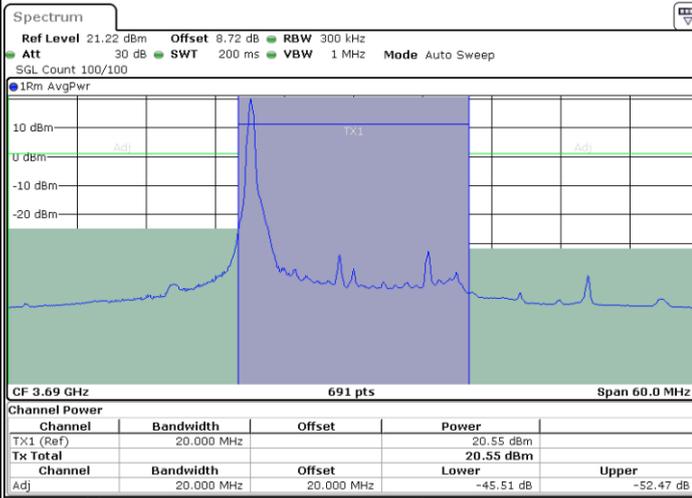


LTE Band 48 / 20MHz

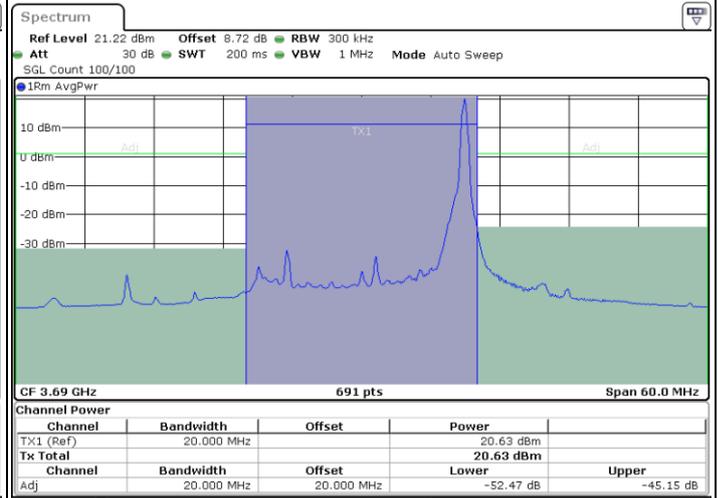
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

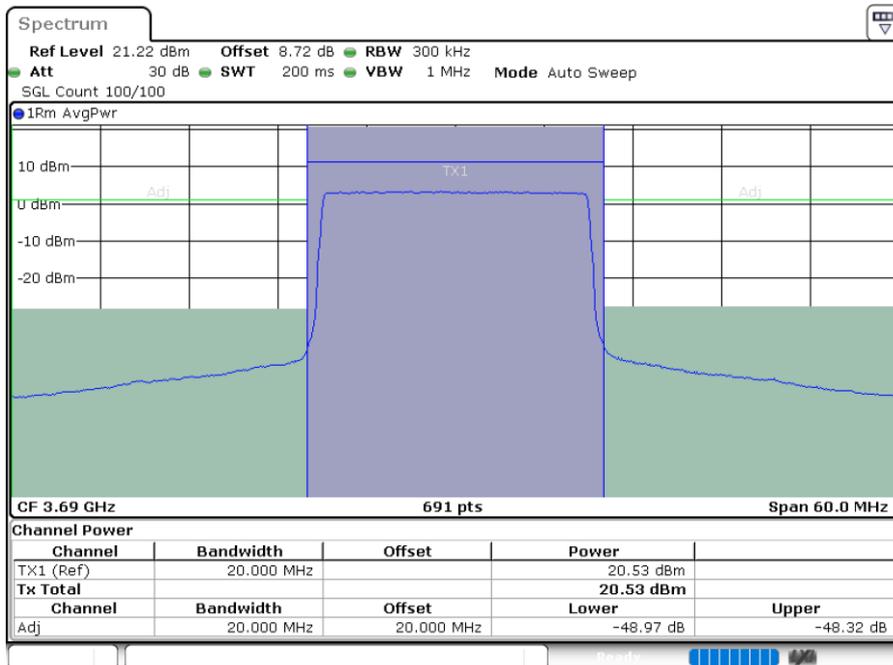


Date: 24.JUL.2024 05:49:22



Date: 24.JUL.2024 05:52:29

Highest Channel / FullRB



Date: 24.JUL.2024 05:55:39

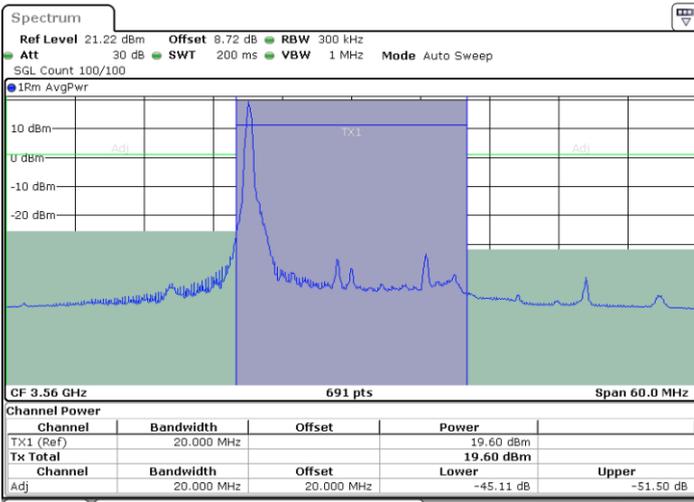


LTE Band 48 / 20MHz

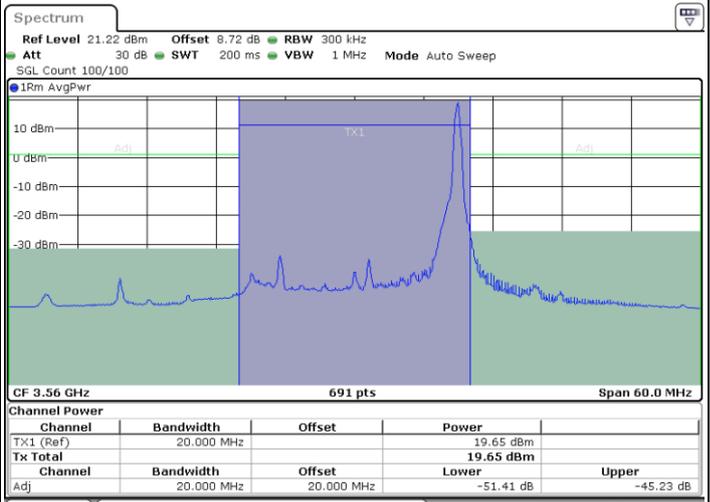
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

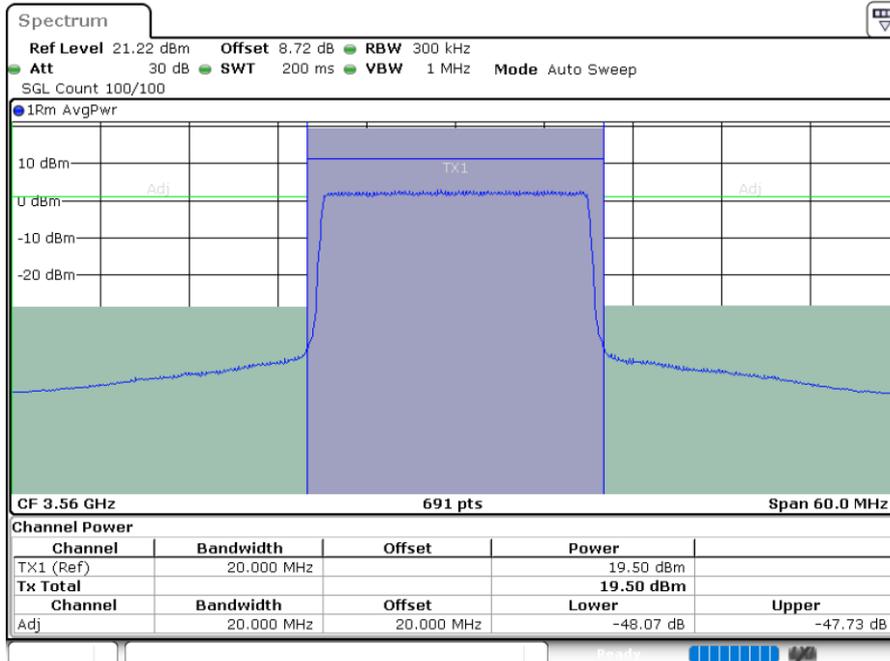


Date: 24.JUL.2024 05:32:13



Date: 24.JUL.2024 05:35:16

Lowest Channel / FullRB



Date: 24.JUL.2024 05:38:16

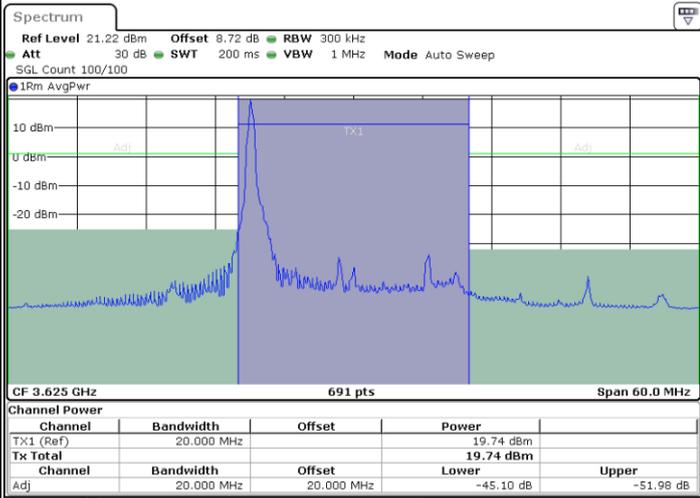


LTE Band 48 / 20MHz

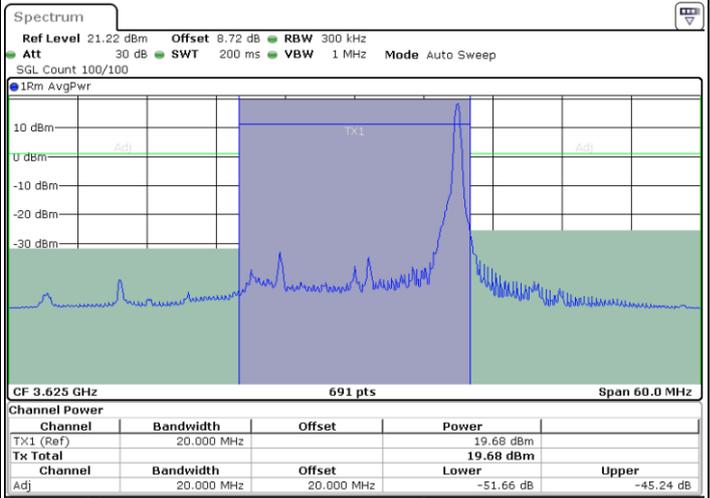
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

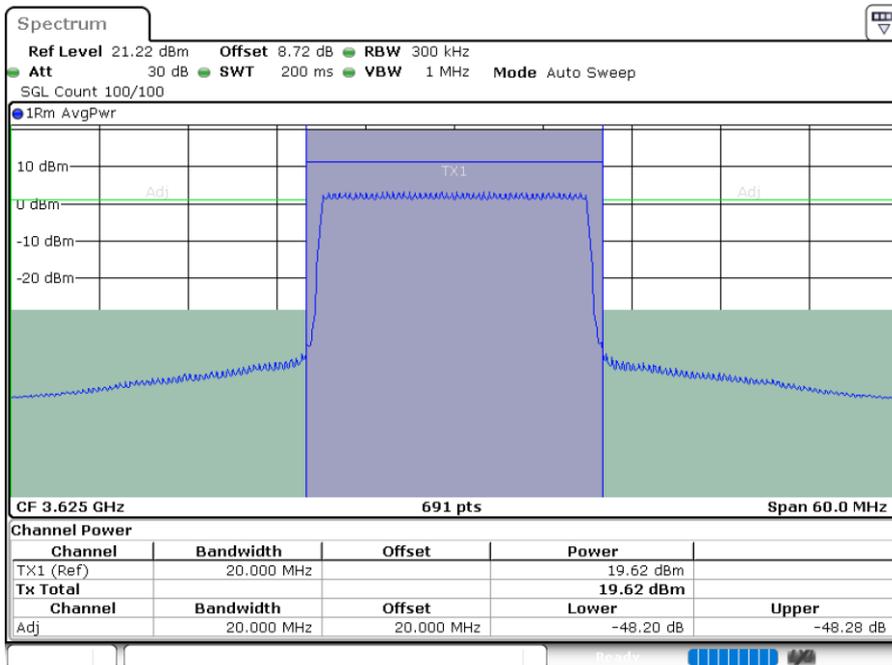


Date: 24.JUL.2024 05:41:15



Date: 24.JUL.2024 05:44:12

Middle Channel / FullRB



Date: 24.JUL.2024 05:47:09

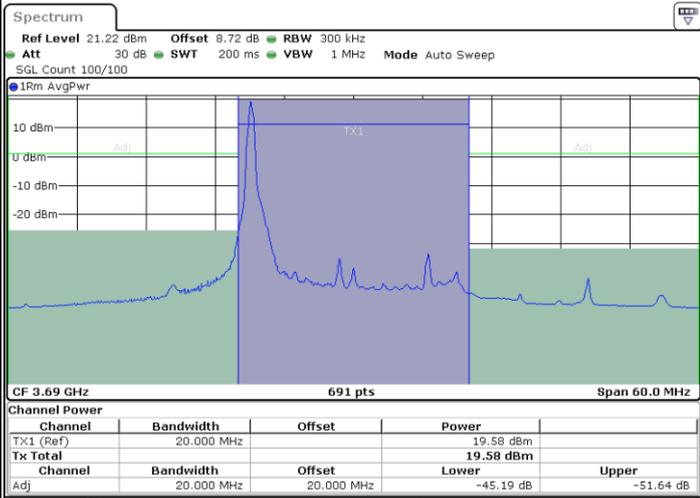


LTE Band 48 / 20MHz

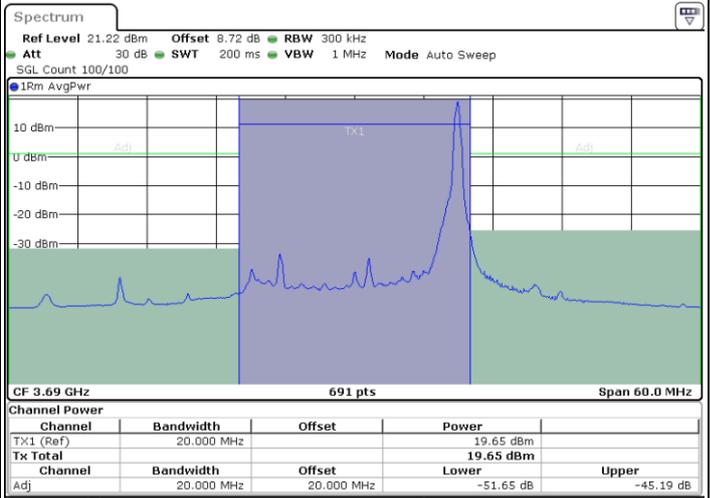
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

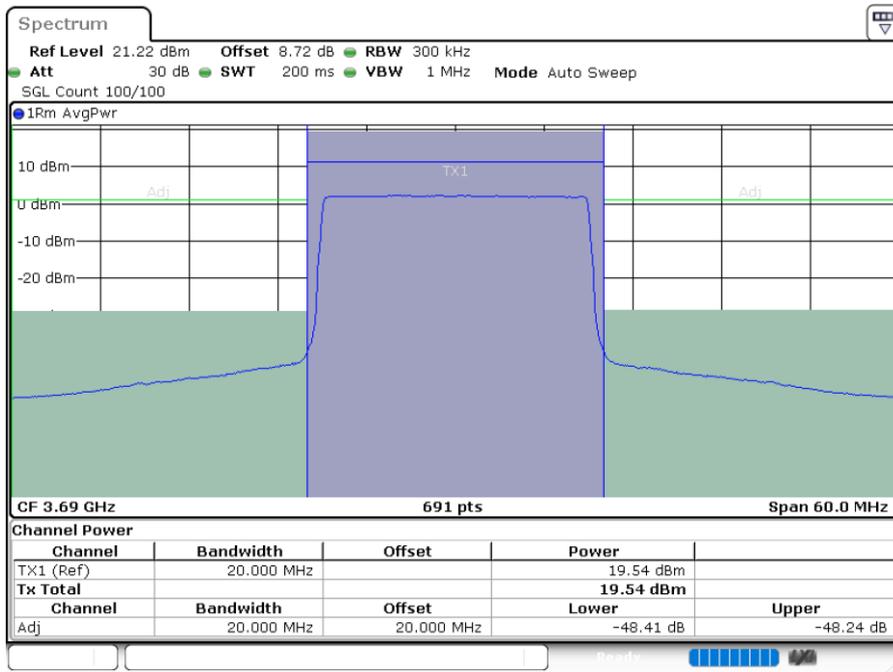


Date: 24.JUL.2024 05:50:14



Date: 24.JUL.2024 05:53:25

Highest Channel / FullRB



Date: 24.JUL.2024 05:56:25

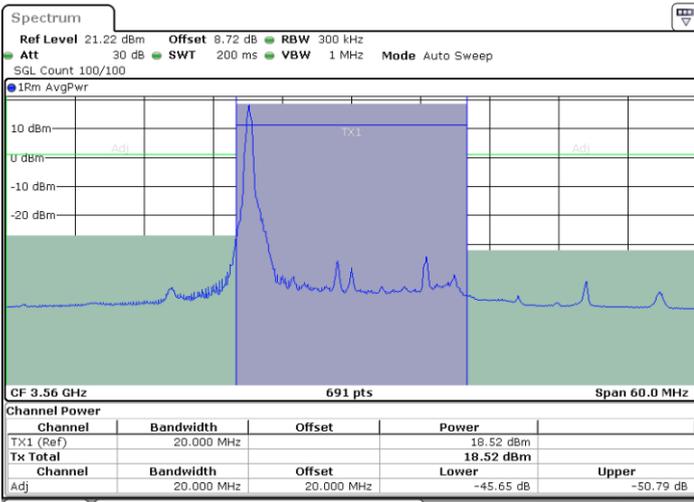


LTE Band 48 / 20MHz

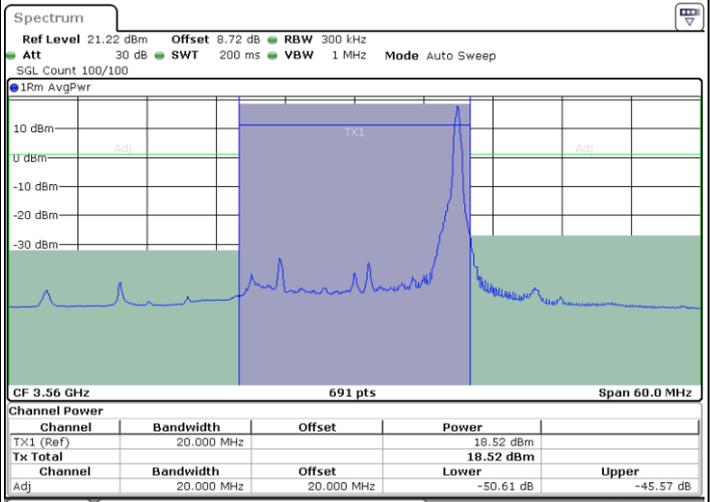
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

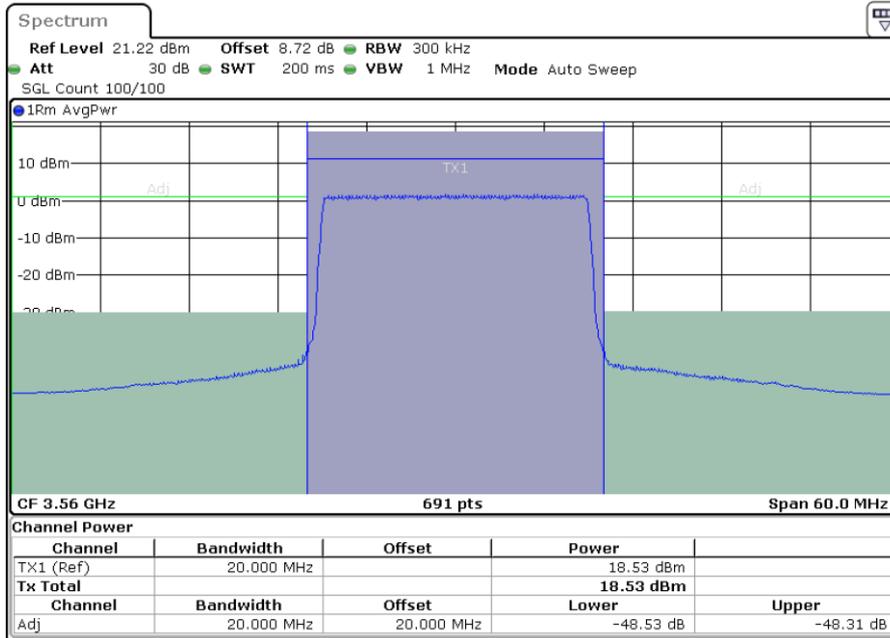


Date: 24.JUL.2024 05:32:58



Date: 24.JUL.2024 05:36:01

Lowest Channel / FullRB



Date: 24.JUL.2024 05:39:01

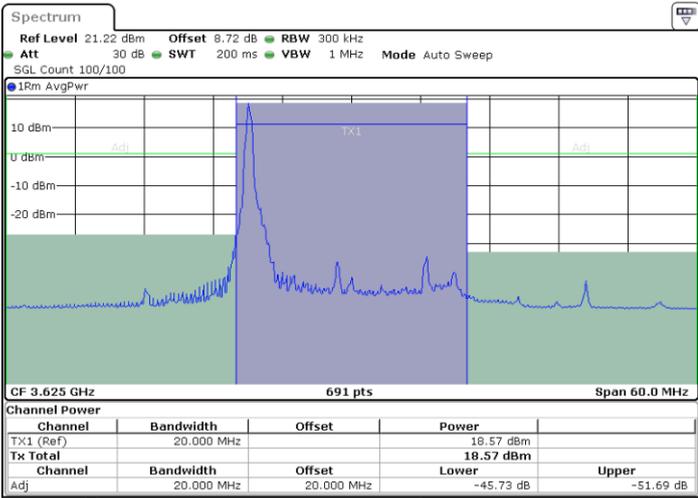


LTE Band 48 / 20MHz

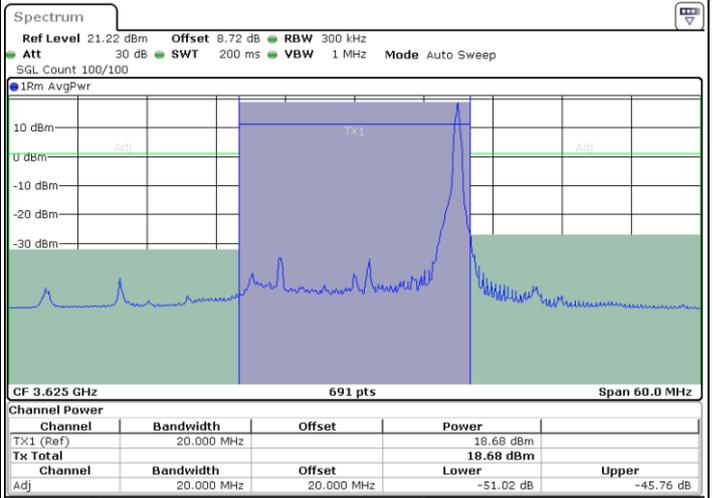
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

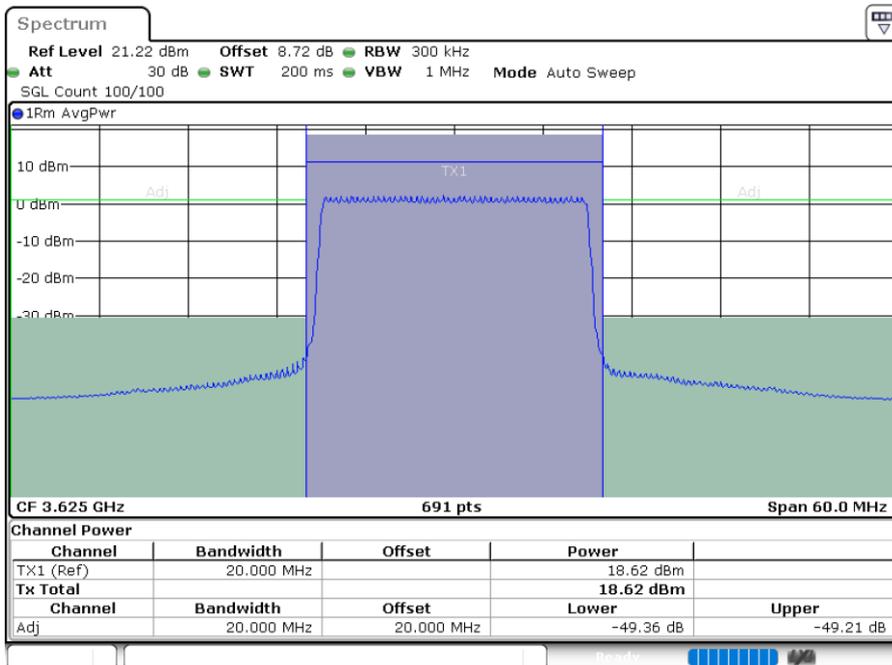


Date: 24.JUL.2024 05:41:59



Date: 24.JUL.2024 05:44:57

Middle Channel / FullRB



Date: 24.JUL.2024 05:47:53

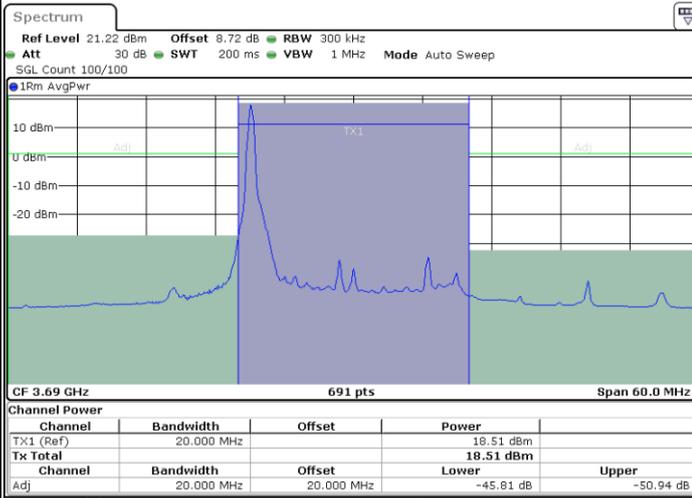


LTE Band 48 / 20MHz

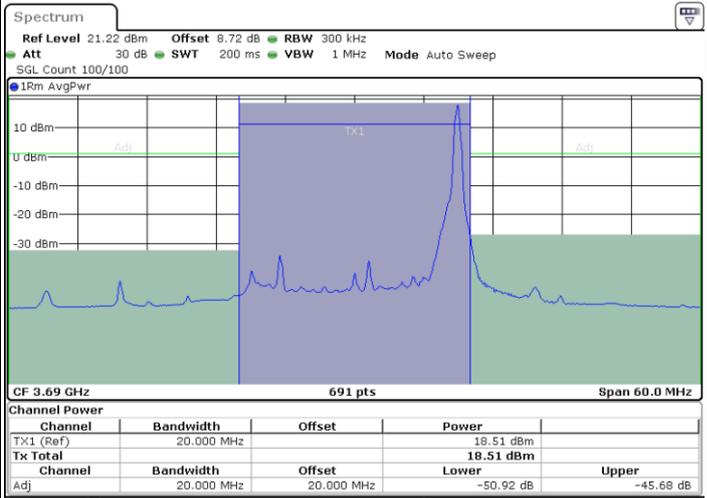
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

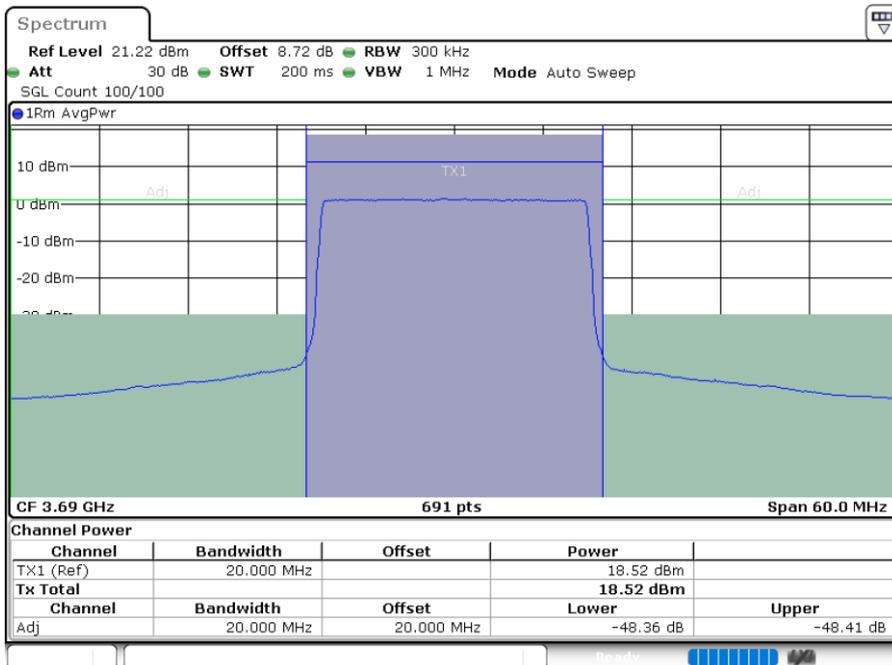


Date: 24.JUL.2024 05:50:58



Date: 24.JUL.2024 05:54:10

Highest Channel / FullRB



Date: 24.JUL.2024 05:57:09

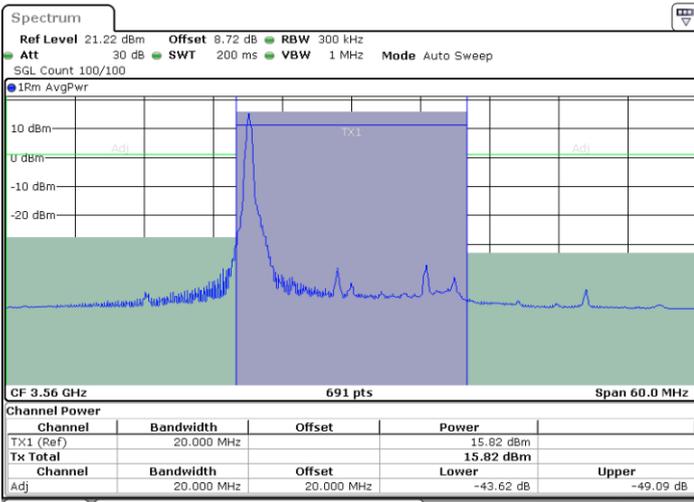


LTE Band 48 / 20MHz

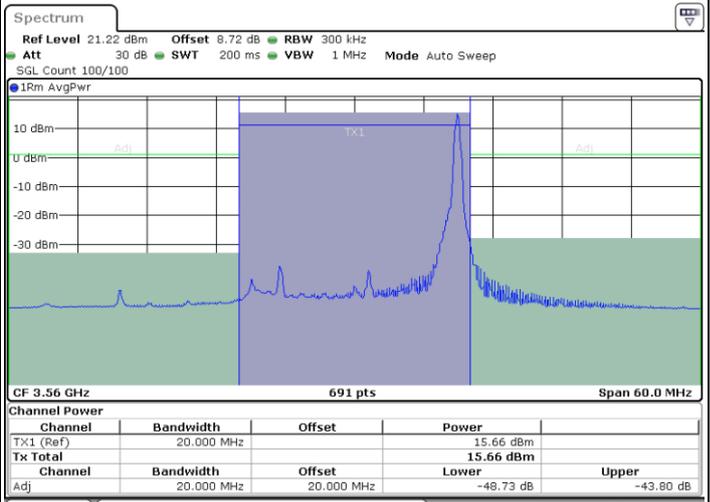
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

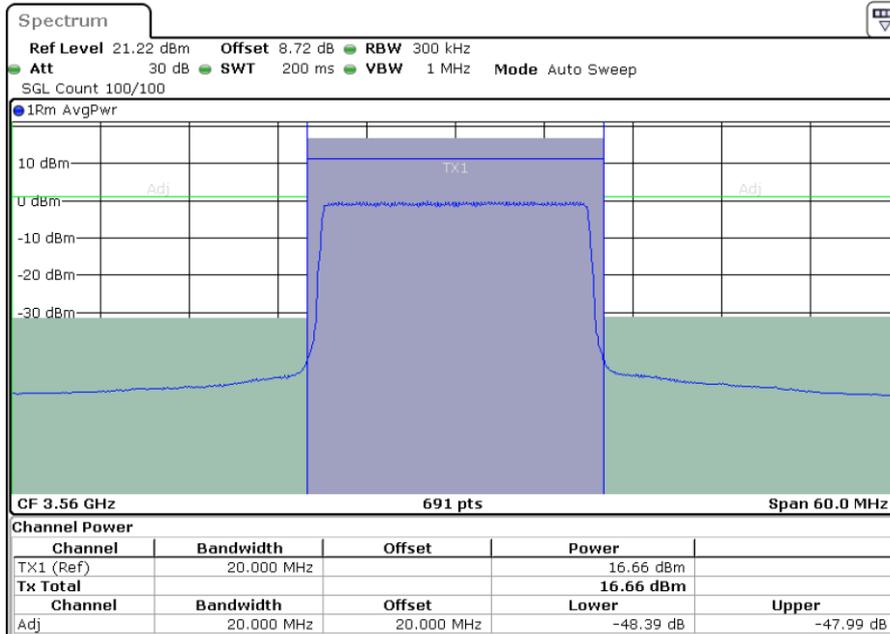


Date: 24.JUL.2024 05:33:43



Date: 24.JUL.2024 05:36:46

Lowest Channel / FullRB



Date: 24.JUL.2024 05:39:46

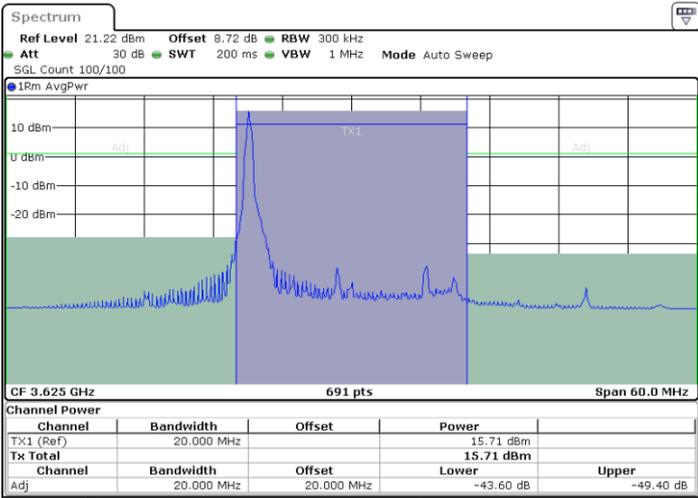


LTE Band 48 / 20MHz

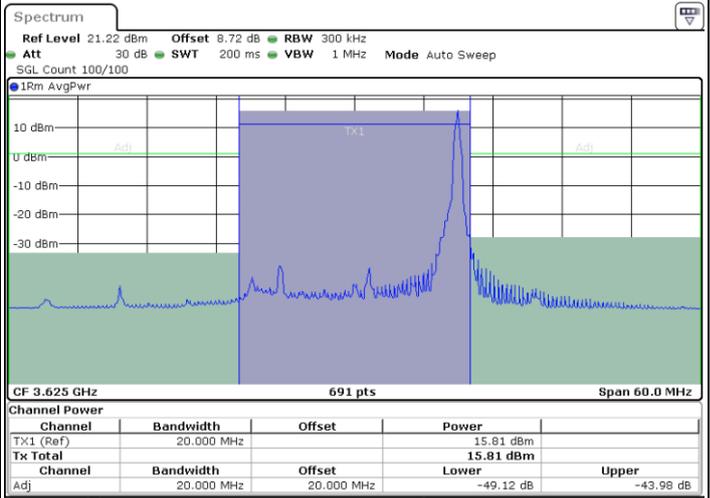
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

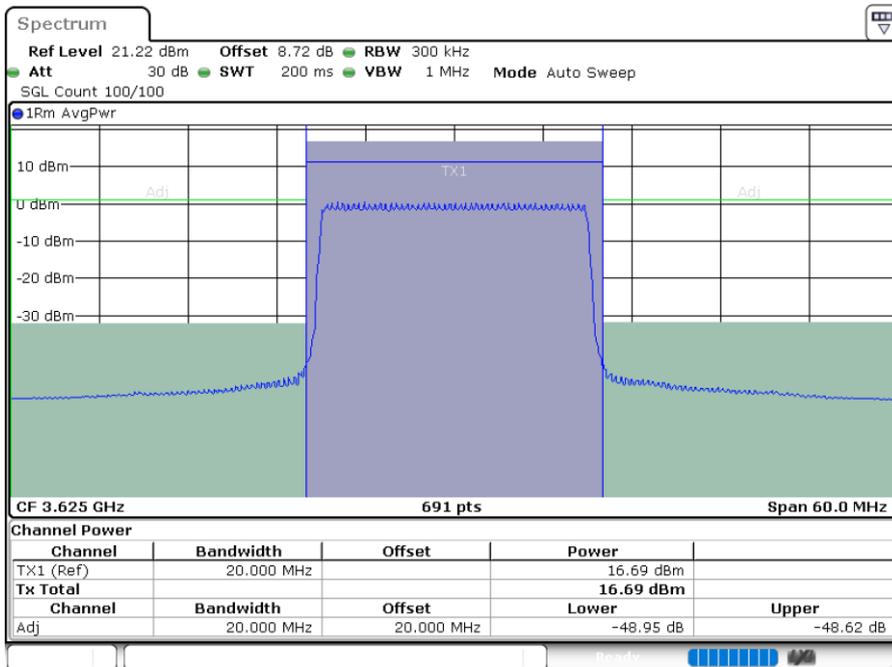


Date: 24.JUL.2024 05:42:44



Date: 24.JUL.2024 05:45:41

Middle Channel / FullRB



Date: 24.JUL.2024 05:48:37

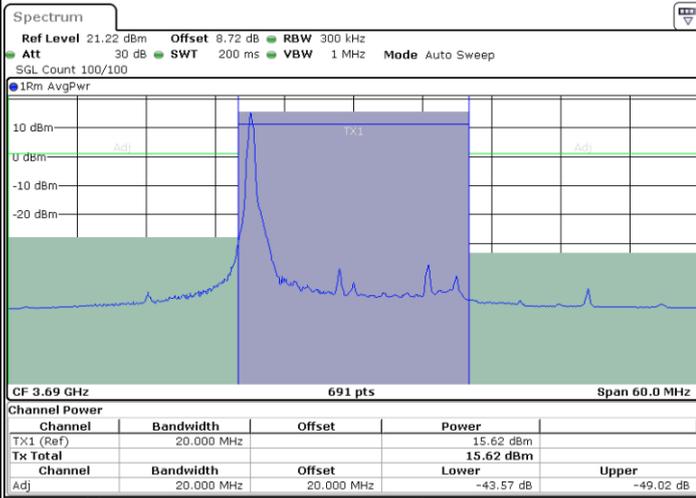


LTE Band 48 / 20MHz

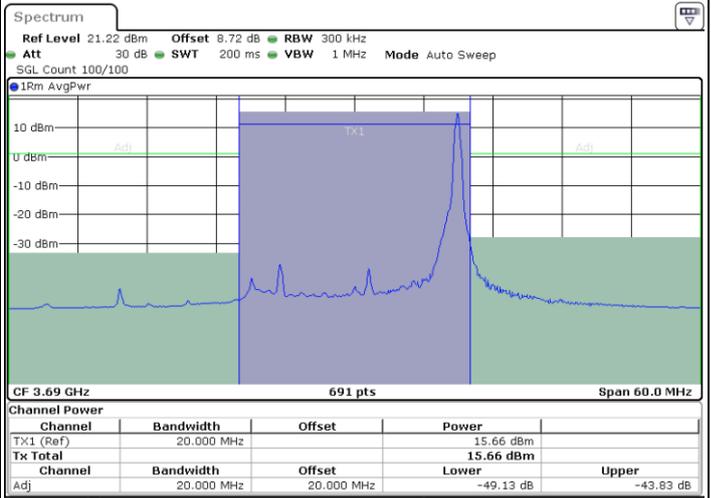
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

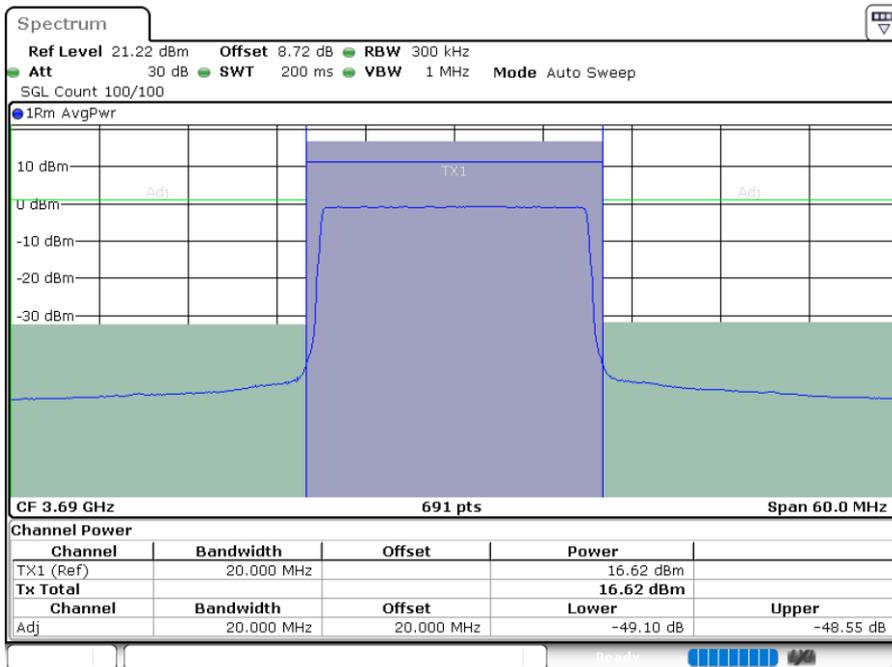


Date: 24.JUL.2024 05:51:43



Date: 24.JUL.2024 05:54:55

Highest Channel / FullRB

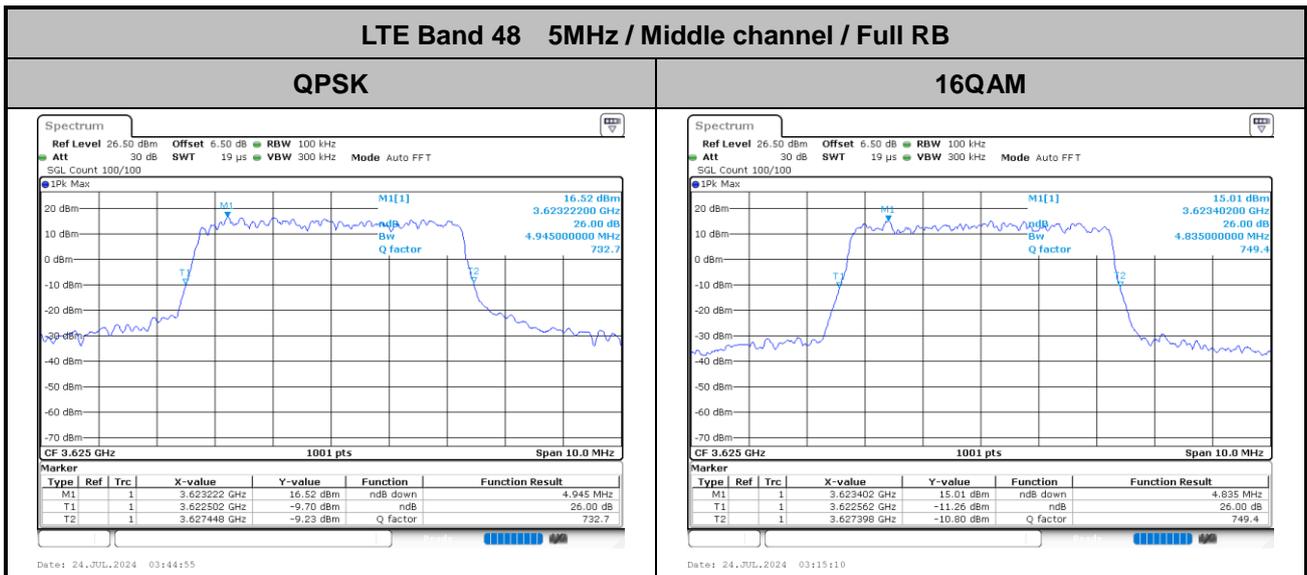


Date: 24.JUL.2024 05:57:54



## 26dB Bandwidth

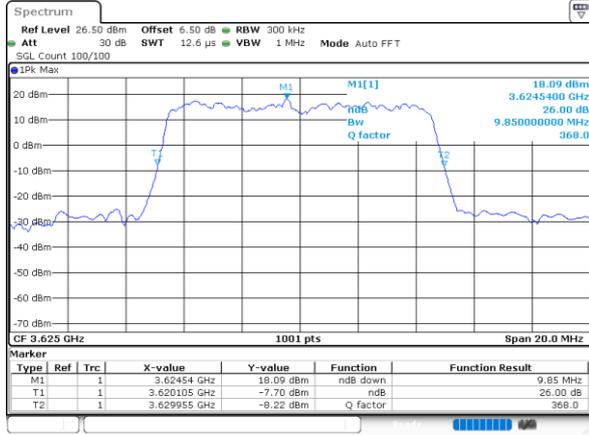
Mode	LTE Band 48 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.95	4.84
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.85	9.73
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.27	14.39
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.94	18.74





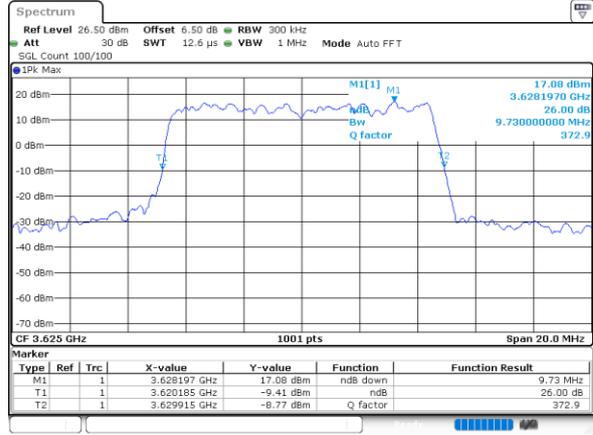
LTE Band 48 10MHz / Middle channel / Full RB

QPSK



Date: 24.JUL.2024 03:17:48

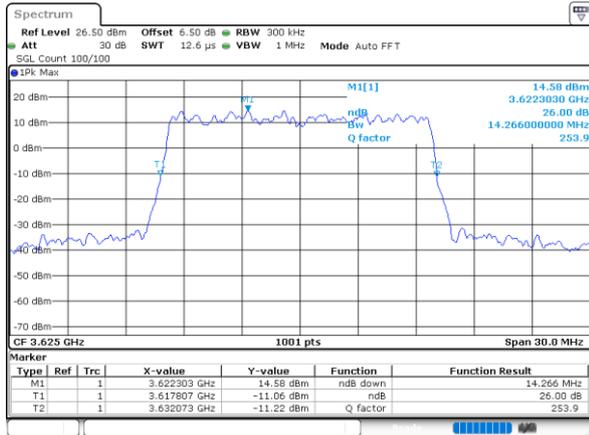
16QAM



Date: 24.JUL.2024 03:18:42

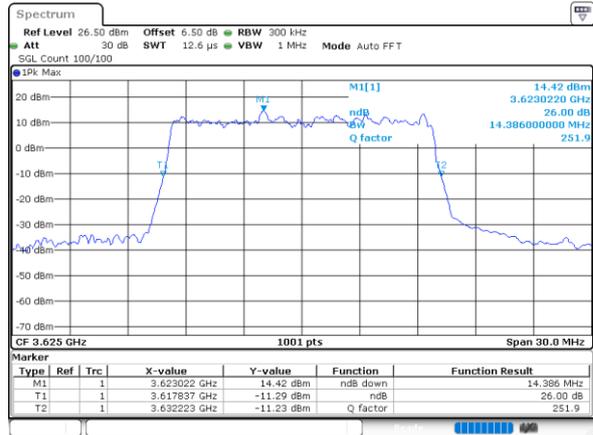
LTE Band 48 15MHz / Middle channel / Full RB

QPSK



Date: 24.JUL.2024 03:42:11

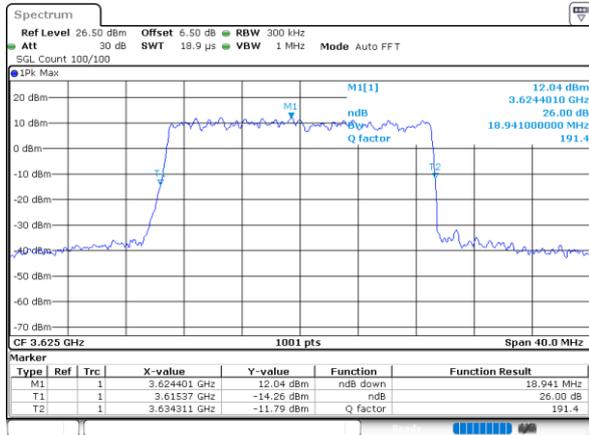
16QAM



Date: 24.JUL.2024 03:25:13

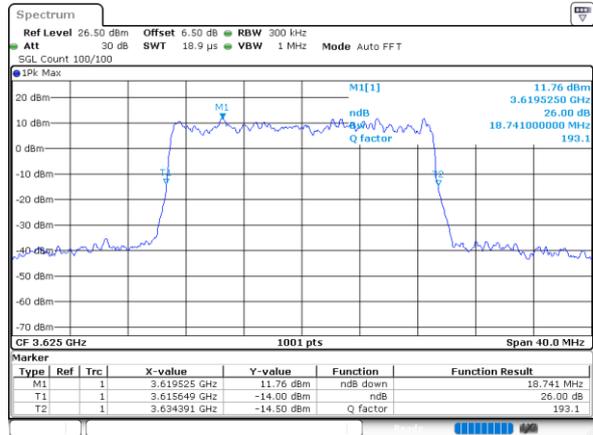
LTE Band 48 20MHz / Middle channel / Full RB

QPSK



Date: 24.JUL.2024 03:32:36

16QAM

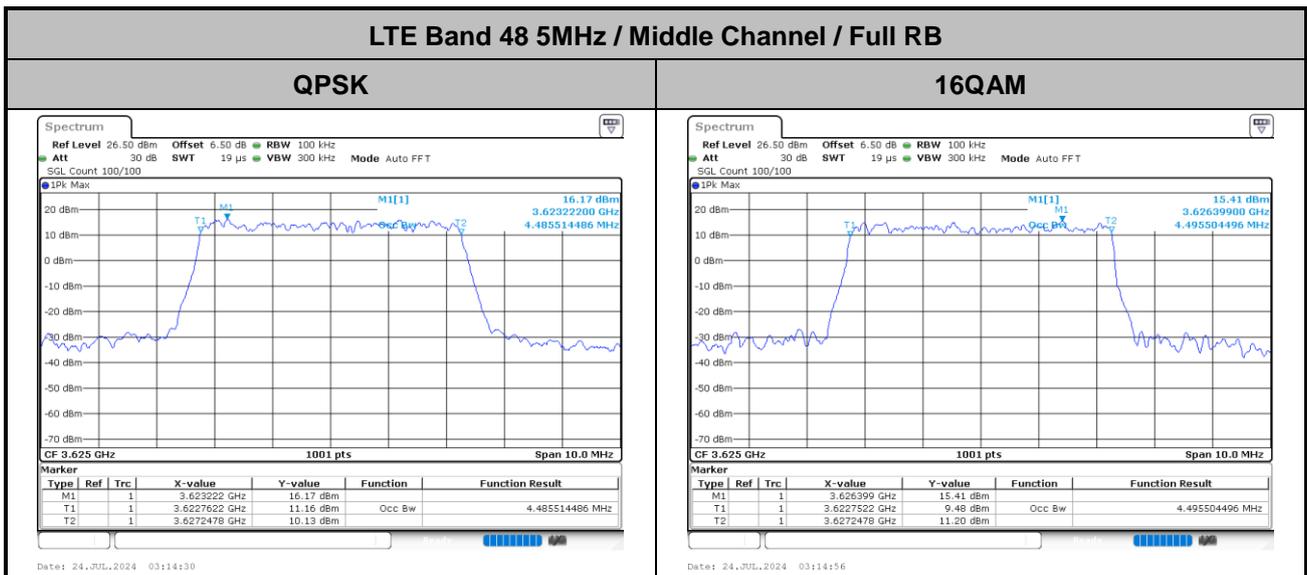


Date: 24.JUL.2024 03:33:30



# Occupied Bandwidth

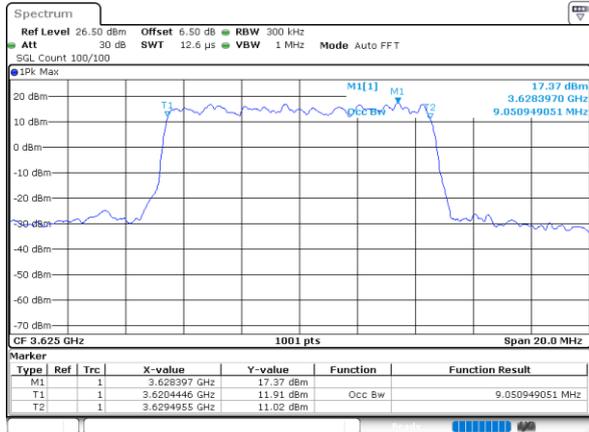
Mode	LTE Band 48 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHZ</b>	
<b>Mod.</b>	<b>QPAK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.49	4.50
<b>BW</b>	<b>10MHZ</b>	
<b>Mod.</b>	<b>QPAK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.05	9.07
<b>BW</b>	<b>15MHZ</b>	
<b>Mod.</b>	<b>QPAK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.52	13.43
<b>BW</b>	<b>20MHZ</b>	
<b>Mod.</b>	<b>QPAK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.94	17.86





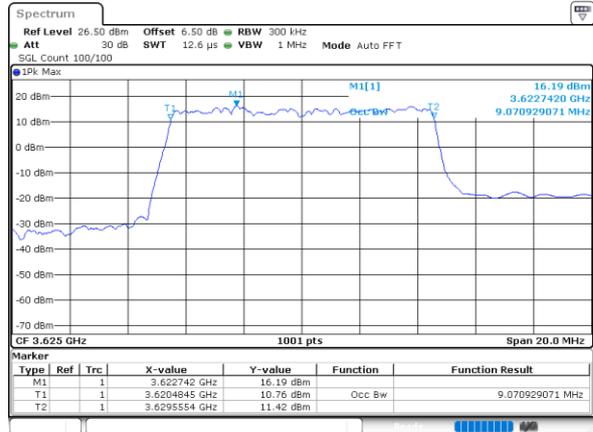
LTE Band 48 10MHz / Middle Channel / Full RB

QPSK



Date: 24.JUL.2024 03:18:02

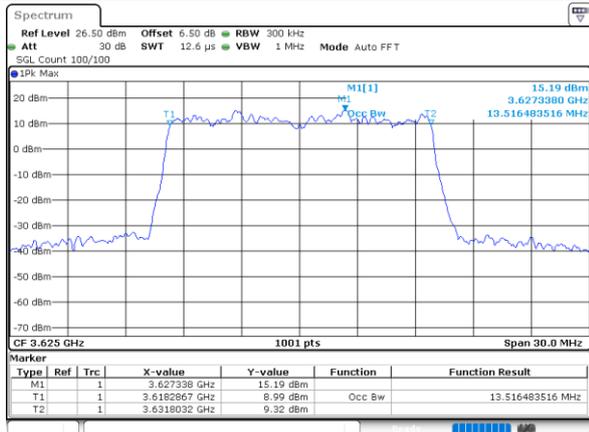
16QAM



Date: 24.JUL.2024 03:18:28

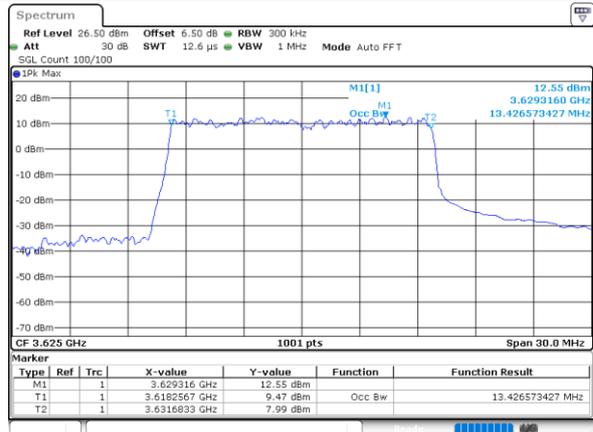
LTE Band 48 15MHz / Middle Channel / Full RB

QPSK



Date: 24.JUL.2024 03:24:34

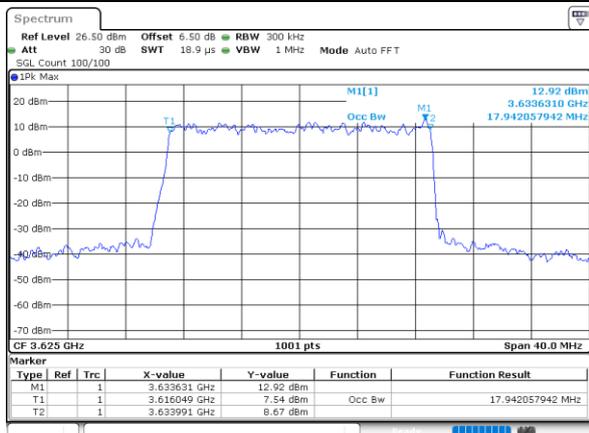
16QAM



Date: 24.JUL.2024 03:24:59

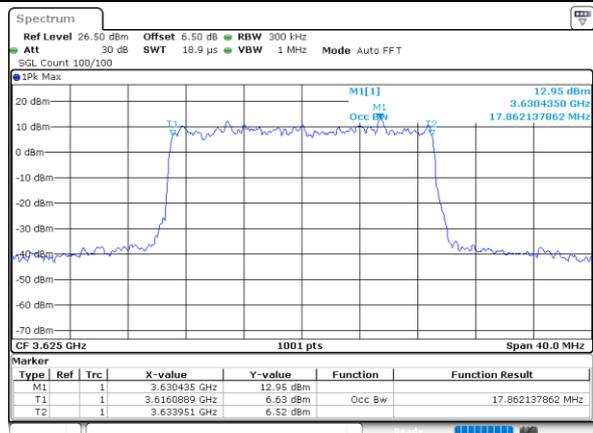
LTE Band 48 20MHz / Middle Channel / Full RB

QPSK



Date: 24.JUL.2024 03:32:50

16QAM



Date: 24.JUL.2024 03:33:16



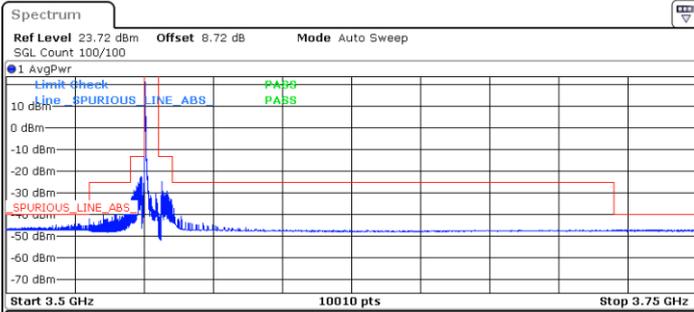
# Conducted Band Edge

## LTE Band 48 / 5MHz

### QPSK

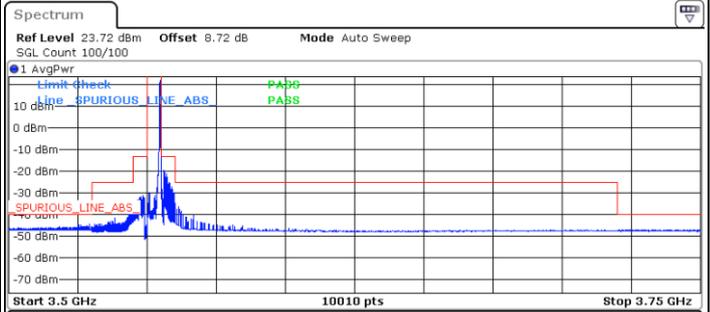
#### Lowest Channel / 1RB0

#### Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52588 GHz	-44.35 dBm	-4.35 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-37.30 dBm	-12.30 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54488 GHz	-34.59 dBm	-9.59 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54872 GHz	-22.09 dBm	-9.09 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54998 GHz	-18.14 dBm	-5.14 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55038 GHz	21.51 dBm	-8.49 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55574 GHz	-40.43 dBm	-27.43 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55623 GHz	-24.85 dBm	-11.85 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56072 GHz	-36.89 dBm	-11.89 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73257 GHz	-47.11 dBm	-7.11 dB

Date: 23.JUL.2024 21:22:42

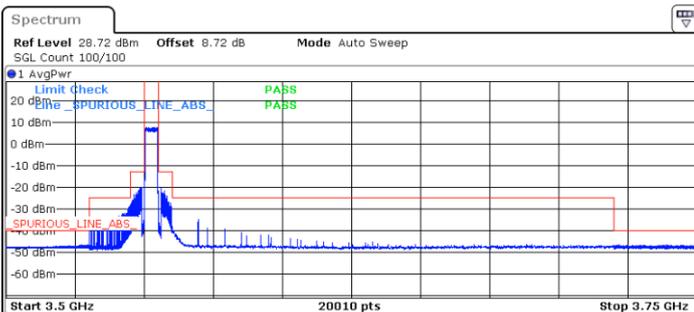


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52915 GHz	-44.33 dBm	-4.33 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53827 GHz	-41.55 dBm	-16.55 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54493 GHz	-36.59 dBm	-11.59 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54858 GHz	-30.93 dBm	-17.93 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54993 GHz	-44.30 dBm	-31.30 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55470 GHz	22.26 dBm	-7.74 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55501 GHz	-17.91 dBm	-4.91 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55607 GHz	-19.66 dBm	-6.66 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56008 GHz	-34.65 dBm	-9.65 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74720 GHz	-47.02 dBm	-7.02 dB

Date: 23.JUL.2024 21:34:50

#### Lowest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52714 GHz	-46.61 dBm	-6.61 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53904 GHz	-34.40 dBm	-9.40 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54490 GHz	-28.22 dBm	-3.22 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54900 GHz	-19.97 dBm	-6.97 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-28.96 dBm	-15.96 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55341 GHz	7.62 dBm	-22.38 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55501 GHz	-29.83 dBm	-16.83 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55602 GHz	-20.32 dBm	-7.32 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56972 GHz	-35.04 dBm	-10.04 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74929 GHz	-46.55 dBm	-6.55 dB

Date: 23.JUL.2024 18:29:25

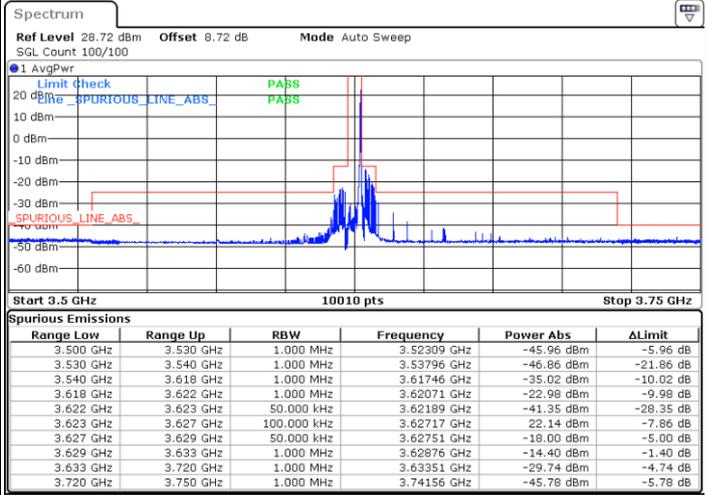
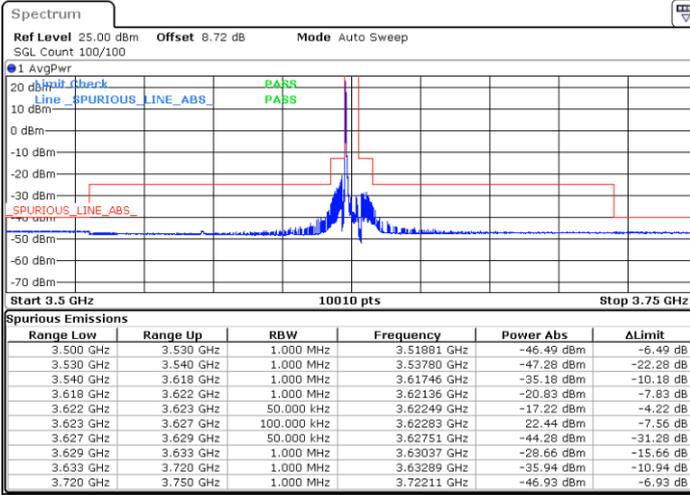


LTE Band 48 / 5MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

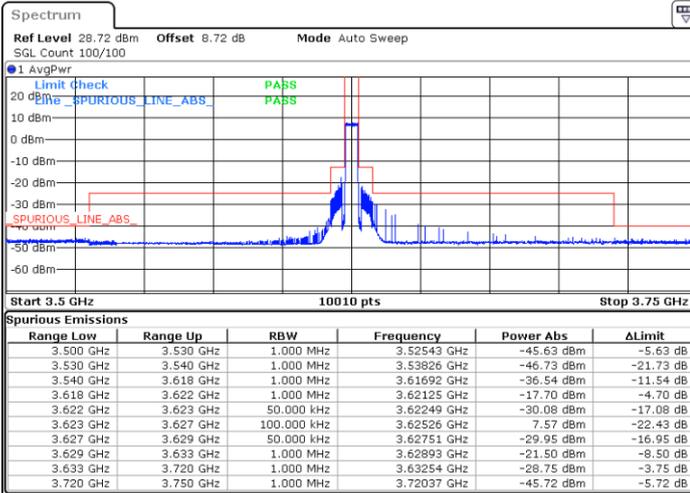


Date: 23.JUL.2024 22:06:56

Date: 23.JUL.2024 18:53:21

Middle Channel / Full

N/A



Date: 23.JUL.2024 19:01:36

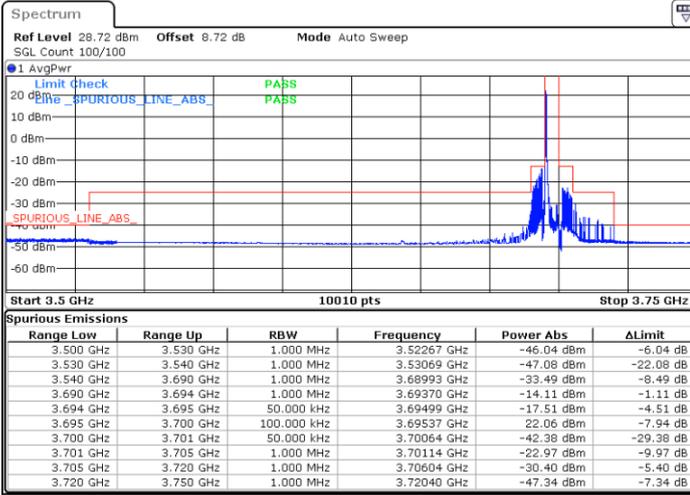


LTE Band 48 / 5MHz

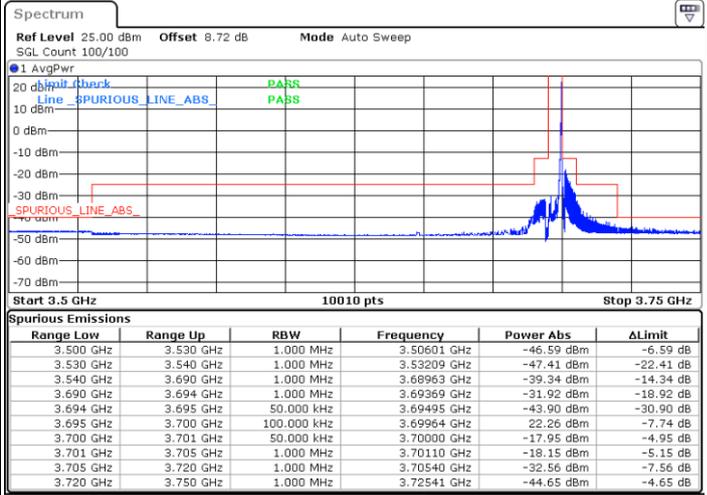
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



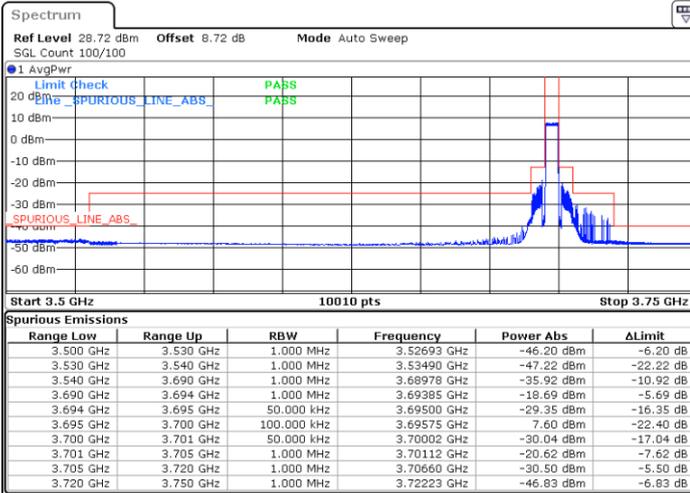
Date: 23.JUL.2024 19:09:44



Date: 23.JUL.2024 22:24:29

Highest Channel / FullIRB

N/A



Date: 23.JUL.2024 19:23:26

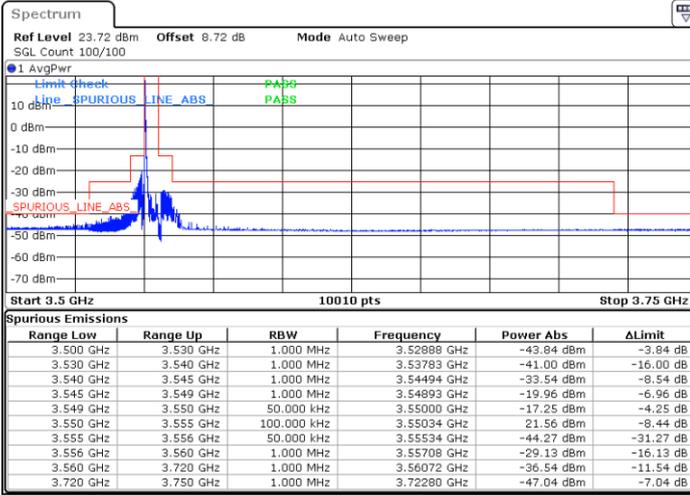


LTE Band 48 / 5MHz

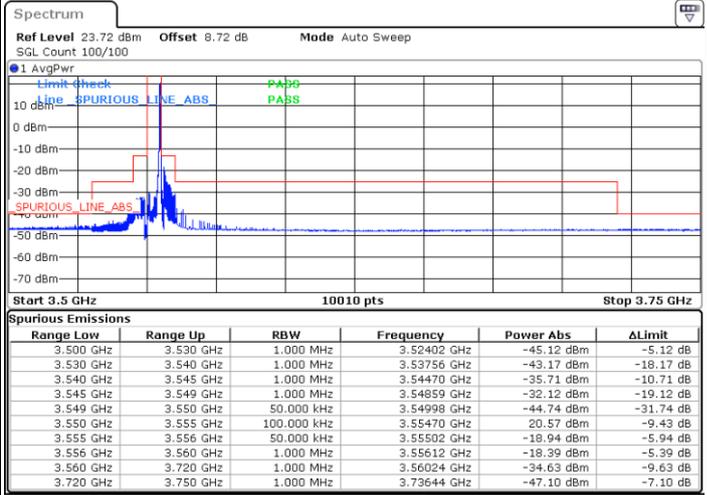
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



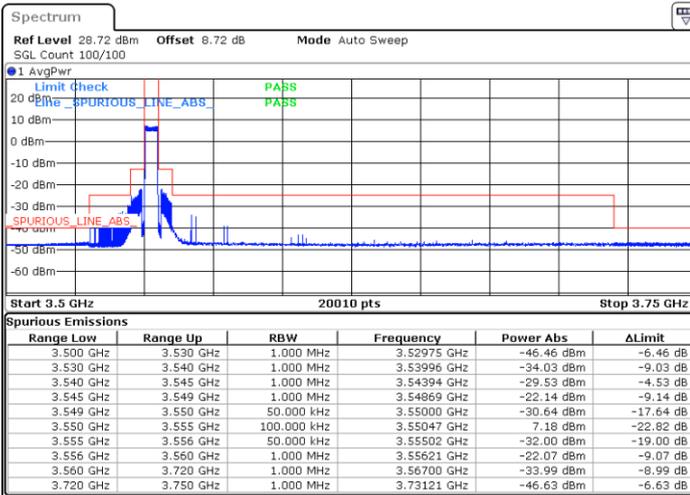
Date: 23.JUL.2024 21:25:38



Date: 23.JUL.2024 21:37:53

Lowest Channel / FullIRB

N/A



Date: 23.JUL.2024 18:31:05

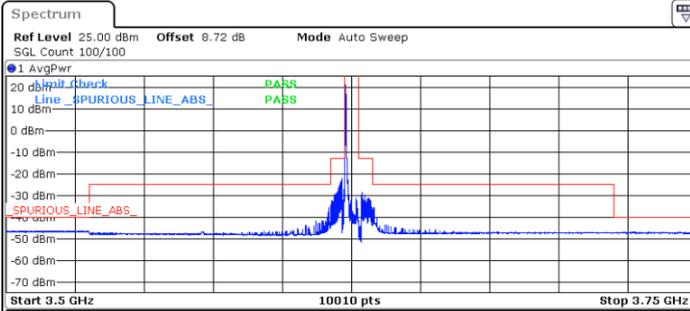


LTE Band 48 / 5MHz

16QAM

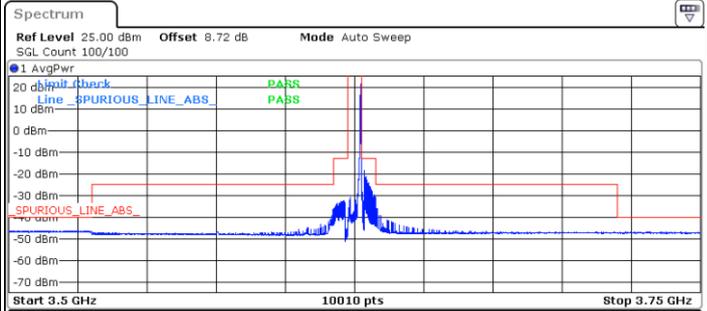
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51413 GHz	-46.43 dBm	-6.43 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53369 GHz	-47.33 dBm	-22.33 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61692 GHz	-35.71 dBm	-10.71 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62147 GHz	-22.38 dBm	-9.38 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62249 GHz	-18.57 dBm	-5.57 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62280 GHz	21.18 dBm	-8.82 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62757 GHz	-44.13 dBm	-31.13 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62869 GHz	-28.70 dBm	-15.70 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63307 GHz	-35.62 dBm	-10.62 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72247 GHz	-47.02 dBm	-7.02 dB

Date: 23.JUL.2024 22:09:52

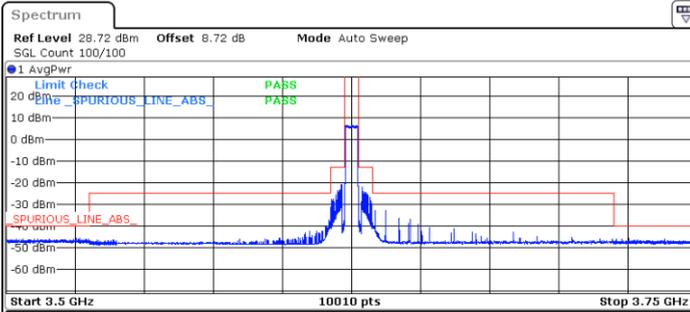


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50301 GHz	-46.49 dBm	-6.49 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53388 GHz	-47.41 dBm	-22.41 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61707 GHz	-36.42 dBm	-11.42 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62134 GHz	-32.49 dBm	-19.49 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62246 GHz	-44.25 dBm	-31.25 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62715 GHz	21.28 dBm	-8.72 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62751 GHz	-18.51 dBm	-5.51 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62861 GHz	-18.52 dBm	-5.52 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63272 GHz	-35.00 dBm	-10.00 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73149 GHz	-47.01 dBm	-7.01 dB

Date: 23.JUL.2024 22:15:42

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52537 GHz	-45.70 dBm	-5.70 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53904 GHz	-46.33 dBm	-21.33 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61746 GHz	-34.79 dBm	-9.79 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62147 GHz	-20.91 dBm	-7.91 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62250 GHz	-31.79 dBm	-18.79 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62305 GHz	6.51 dBm	-23.49 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62750 GHz	-31.86 dBm	-18.86 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62880 GHz	-21.94 dBm	-8.94 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63342 GHz	-32.71 dBm	-7.71 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72538 GHz	-45.87 dBm	-5.87 dB

Date: 23.JUL.2024 19:03:16

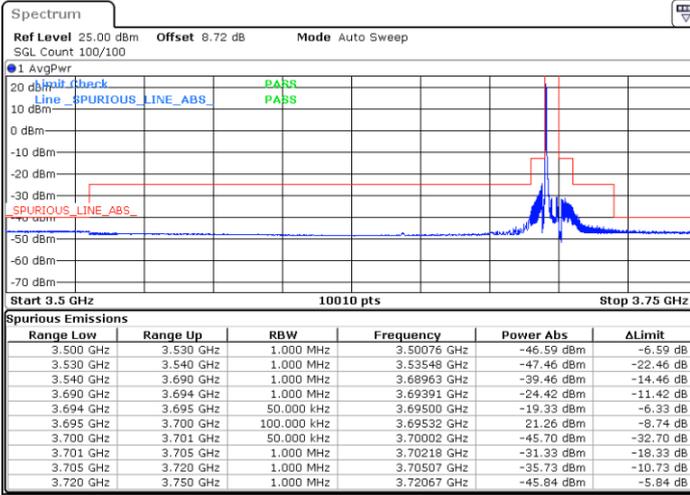


LTE Band 48 / 5MHz

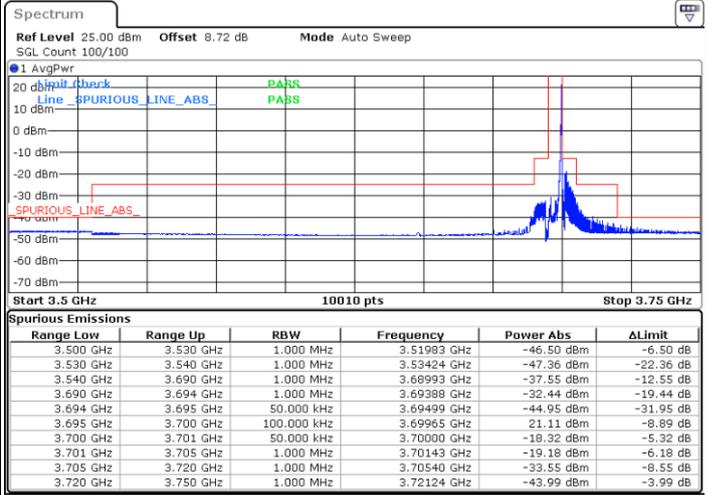
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



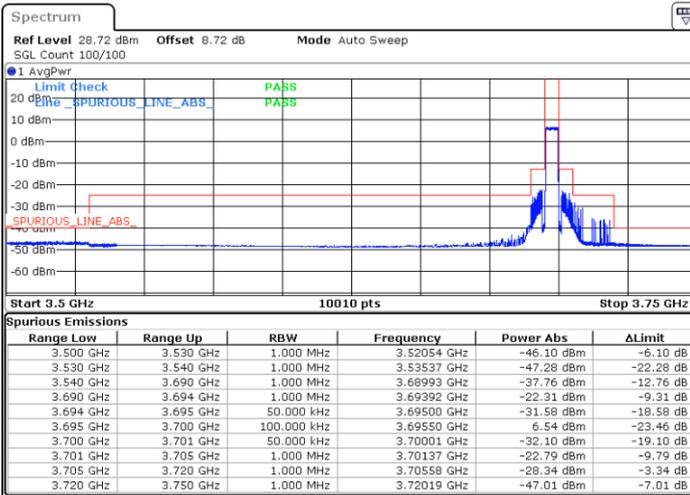
Date: 23.JUL.2024 22:21:33



Date: 23.JUL.2024 22:30:52

Highest Channel / FullIRB

N/A



Date: 23.JUL.2024 19:25:07