

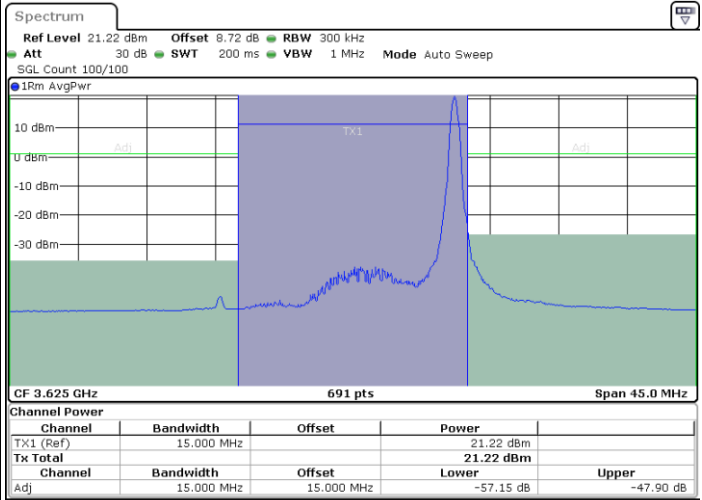
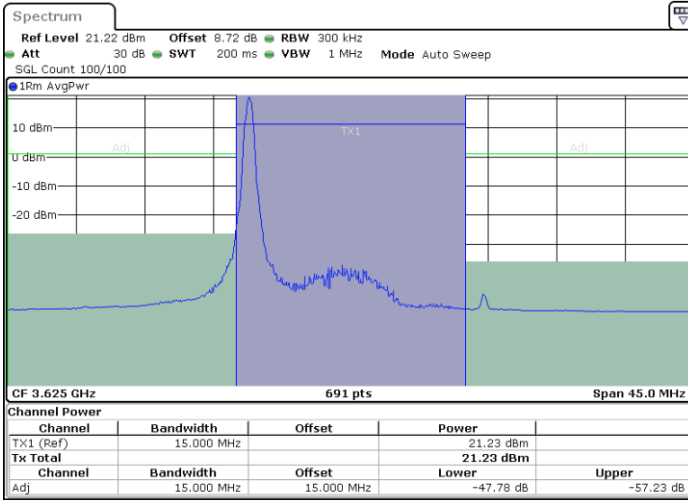


LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

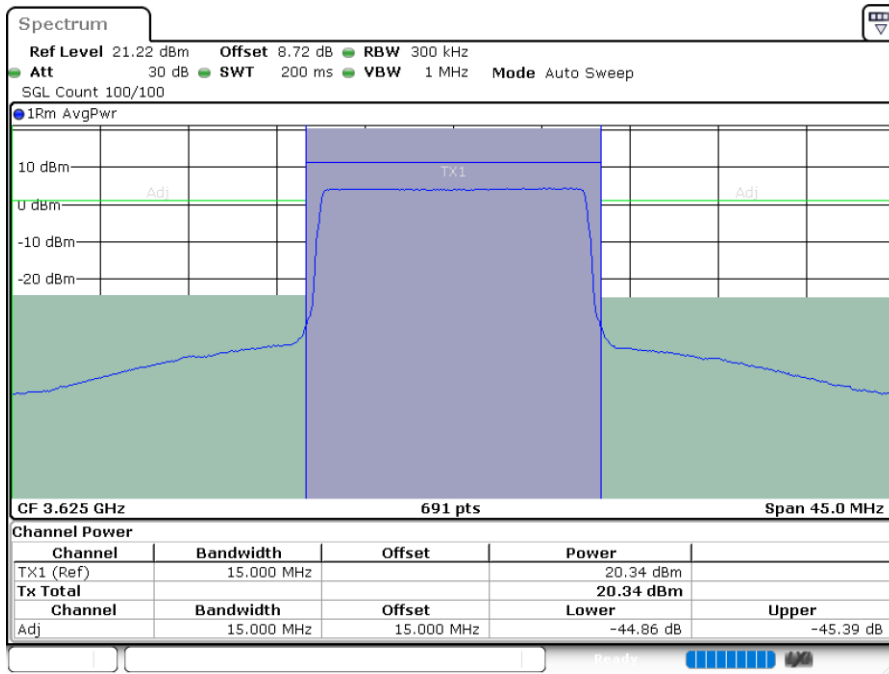
Middle Channel / 1RBmax



Date: 19.DEC.2022 23:33:59

Date: 19.DEC.2022 23:36:22

Middle Channel / FullRB



Date: 19.DEC.2022 23:45:01

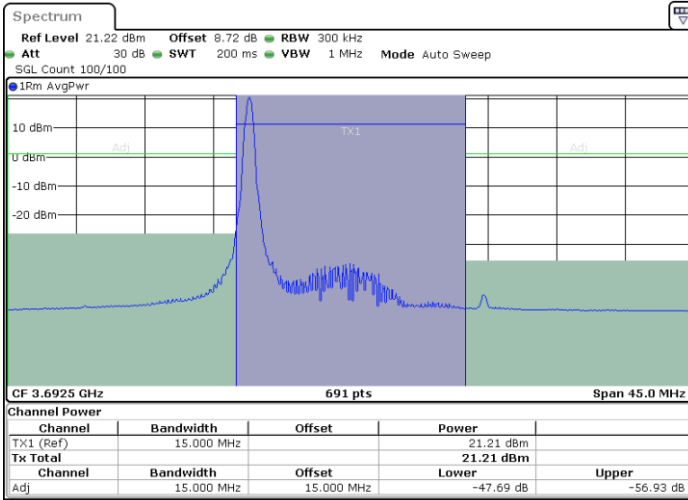


LTE Band 48 / 15MHz

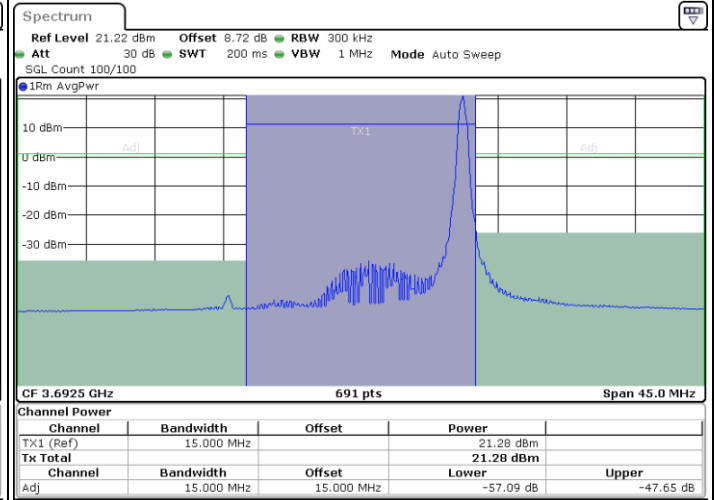
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

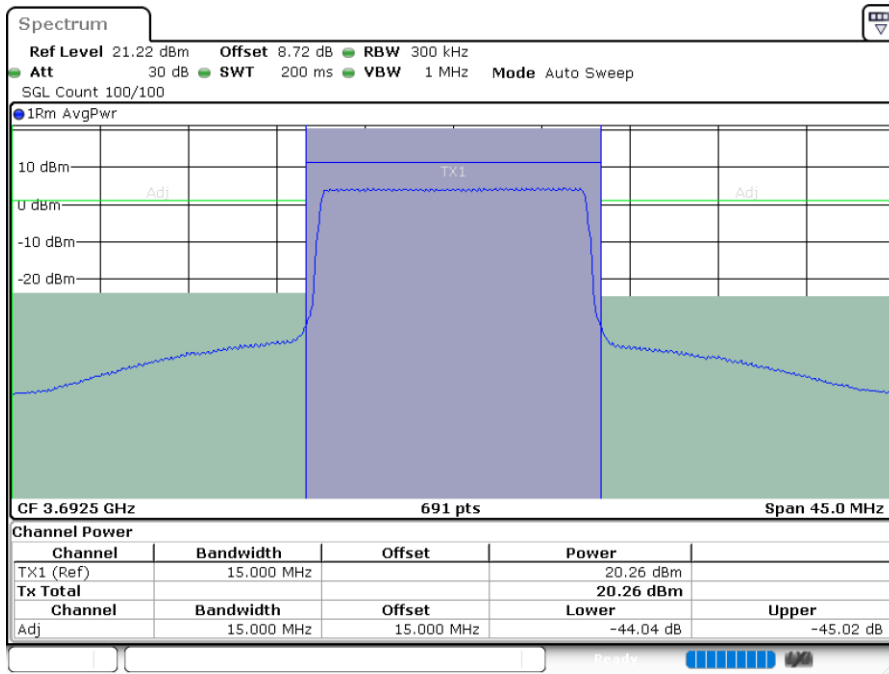


Date: 20.DEC.2022 01:06:05



Date: 20.DEC.2022 01:08:50

Highest Channel / FullRB



Date: 20.DEC.2022 01:12:51

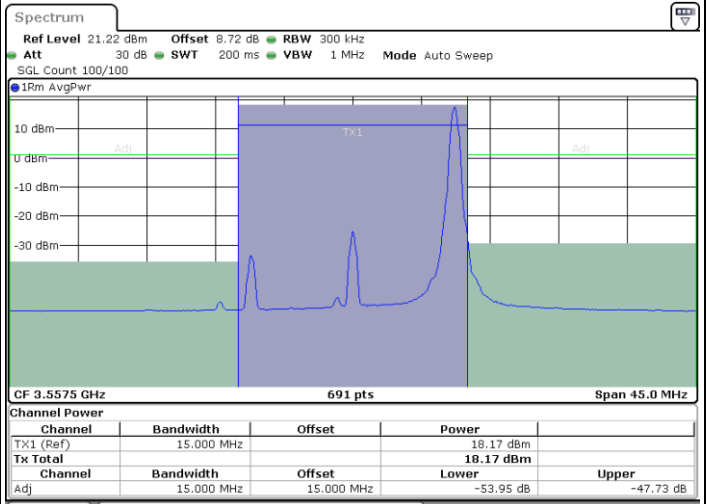
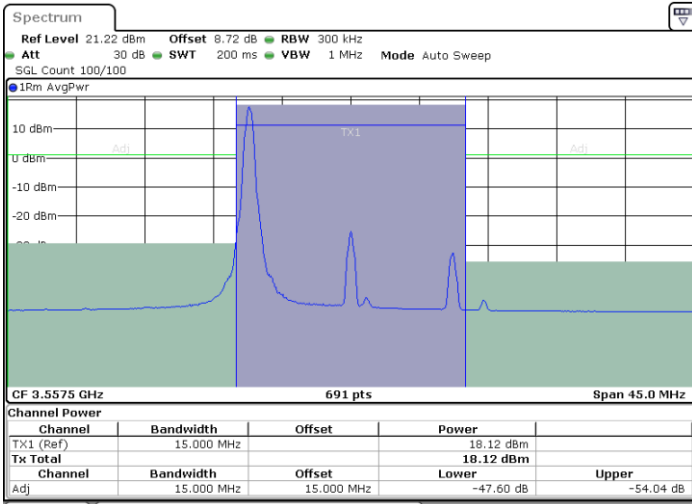


LTE Band 48 / 15MHz

256QAM

Lowest Channel / 1RB0

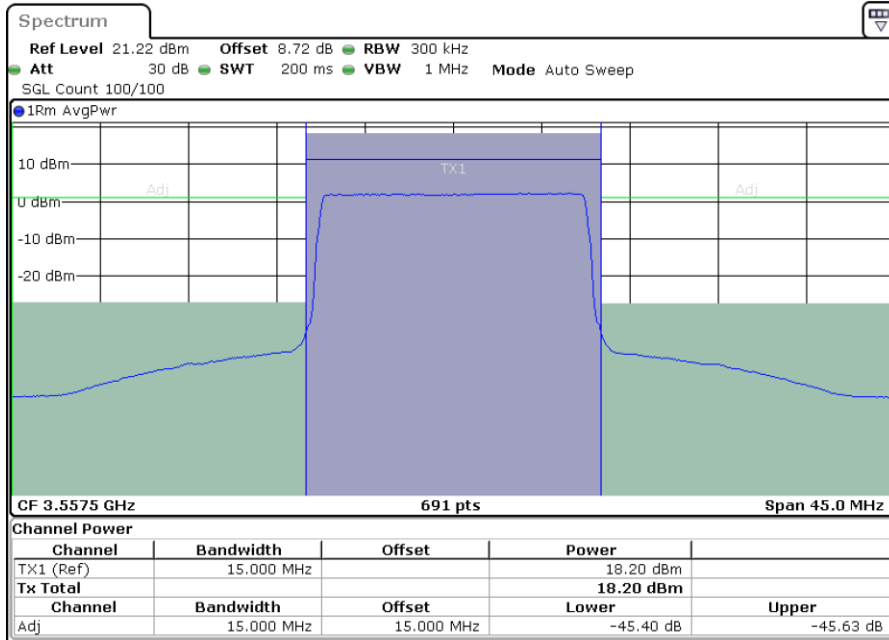
Lowest Channel / 1RBmax



Date: 20.DEC.2022 00:56:18

Date: 20.DEC.2022 00:57:20

Lowest Channel / FullRB



Date: 20.DEC.2022 01:03:21

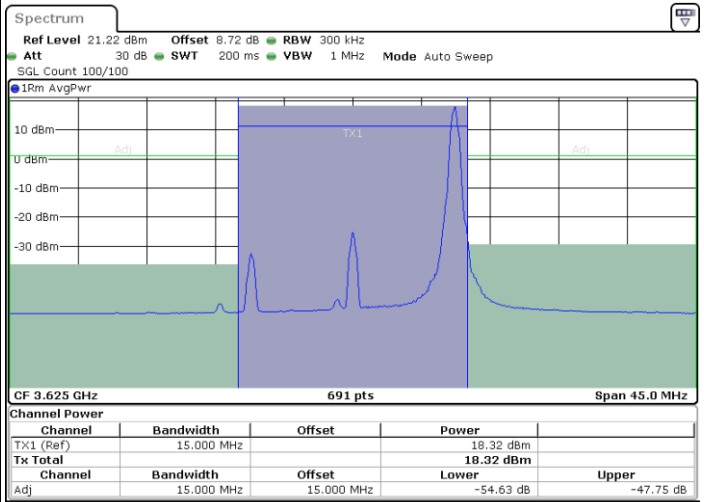
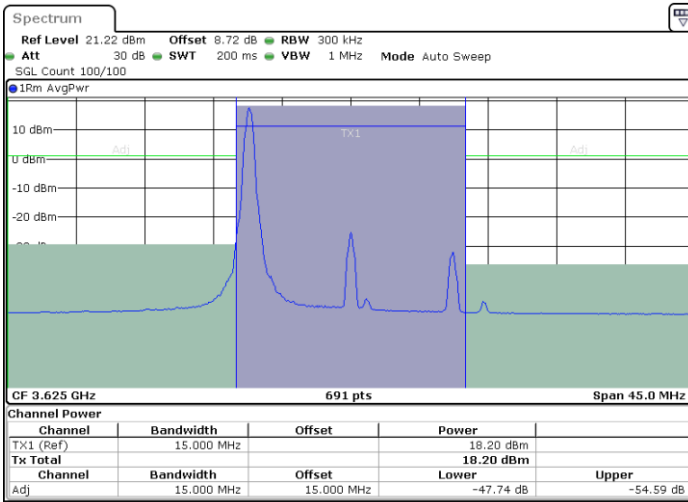


LTE Band 48 / 15MHz

256QAM

Middle Channel / 1RB0

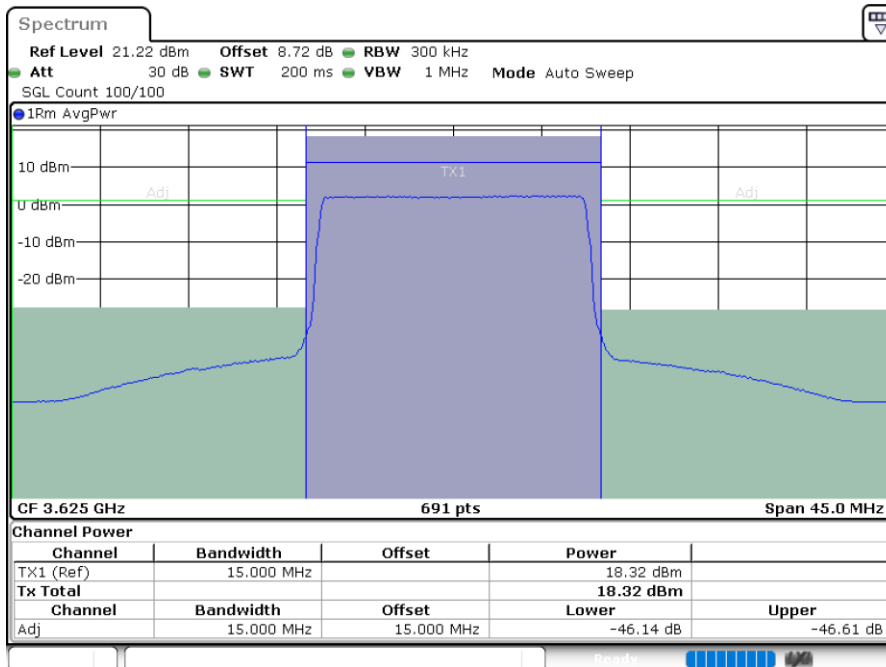
Middle Channel / 1RBmax



Date: 19.DEC.2022 23:34:48

Date: 19.DEC.2022 23:35:37

Middle Channel / FullIRB



Date: 20.DEC.2022 00:52:33

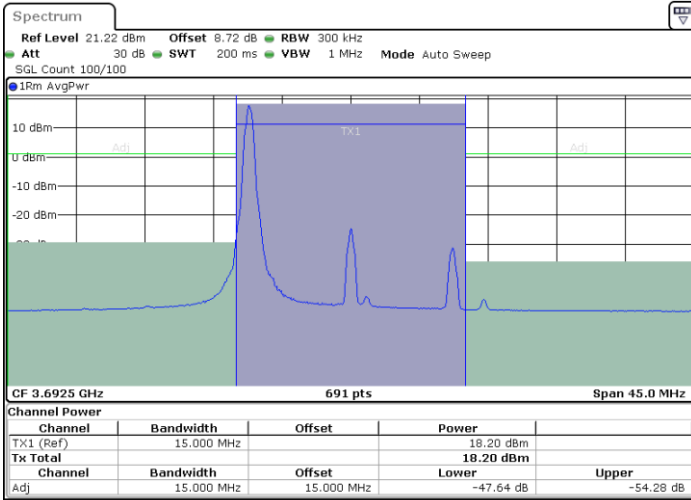


LTE Band 48 / 15MHz

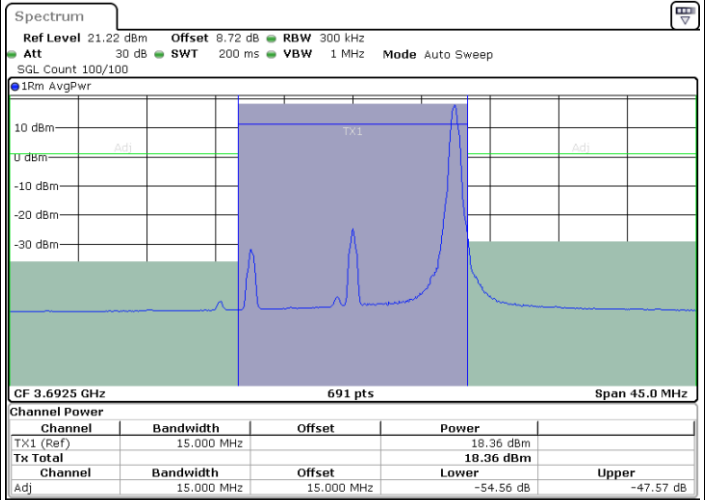
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

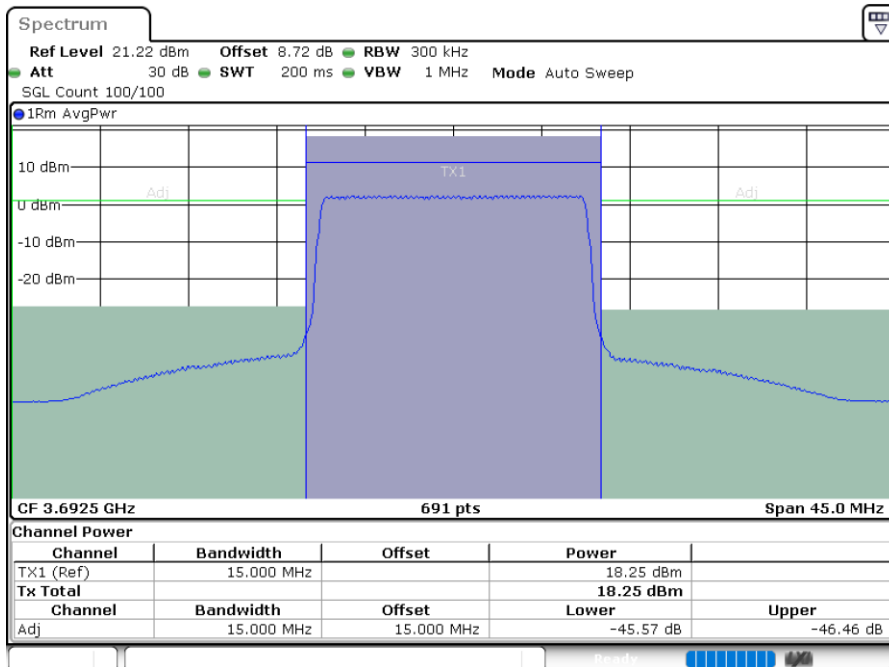


Date: 20.DEC.2022 01:06:49



Date: 20.DEC.2022 01:07:55

Highest Channel / FullRB



Date: 20.DEC.2022 01:13:34

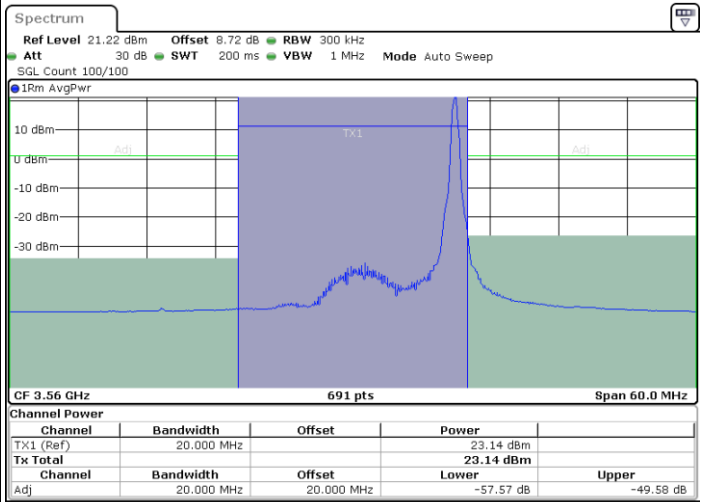
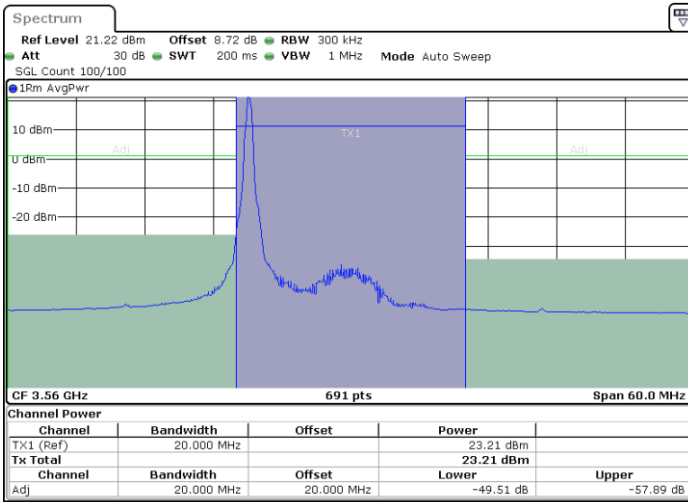


LTE Band 48 / 20MHz

QPSK

Lowest Channel / 1RB0

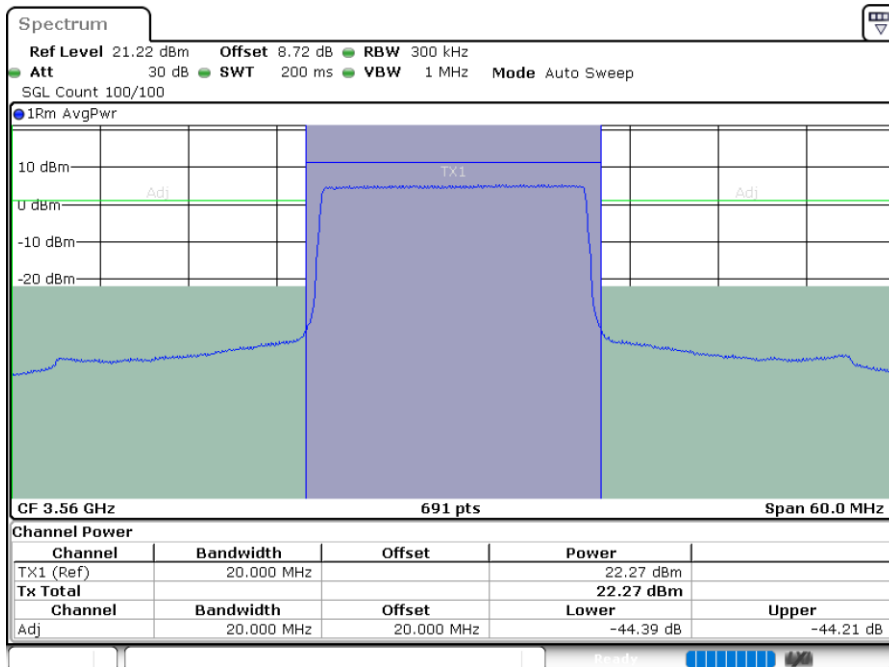
Lowest Channel / 1RBmax



Date: 19.DEC.2022 23:02:06

Date: 19.DEC.2022 23:08:07

Lowest Channel / FullRB



Date: 19.DEC.2022 23:08:51

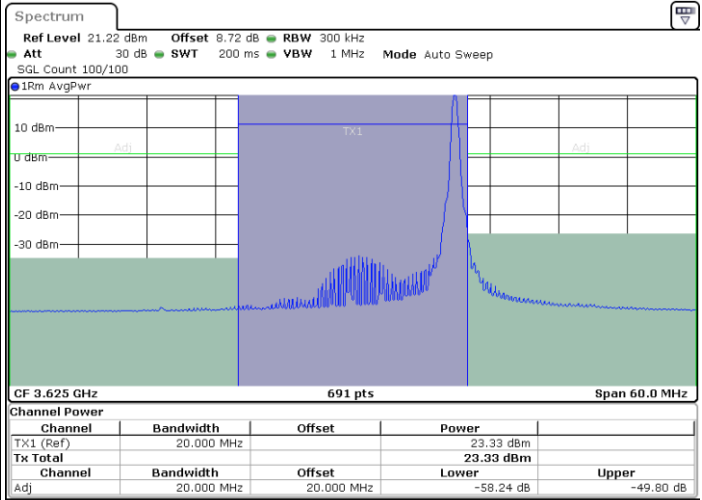
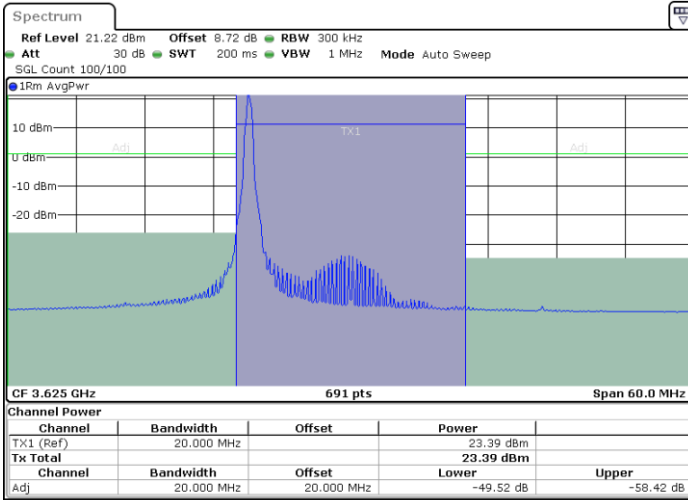


LTE Band 48 / 20MHz

QPSK

Middle Channel / 1RB0

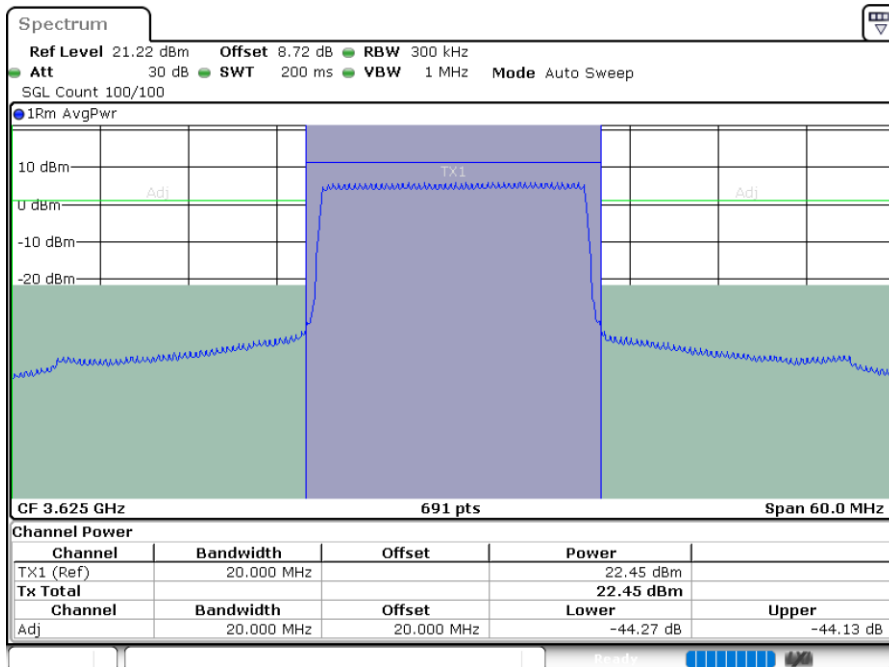
Middle Channel / 1RBmax



Date: 19.DEC.2022 22:52:27

Date: 19.DEC.2022 22:57:51

Middle Channel / FullRB



Date: 19.DEC.2022 22:58:40

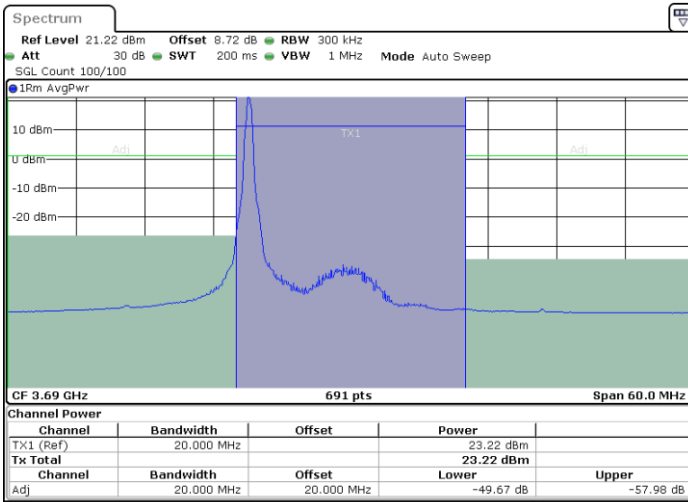


LTE Band 48 / 20MHz

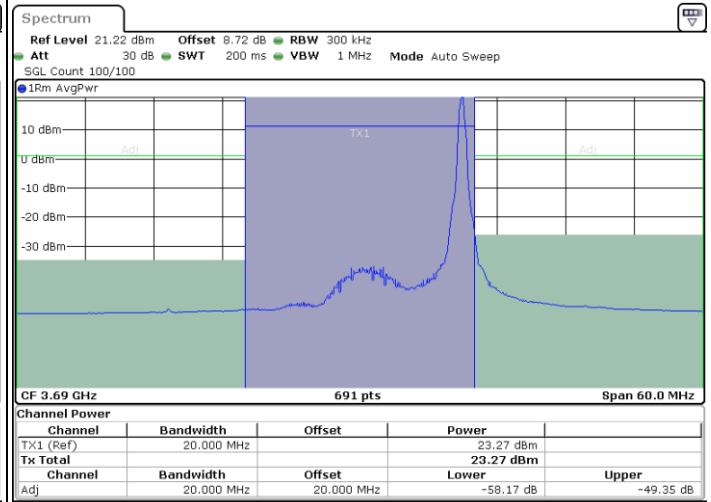
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

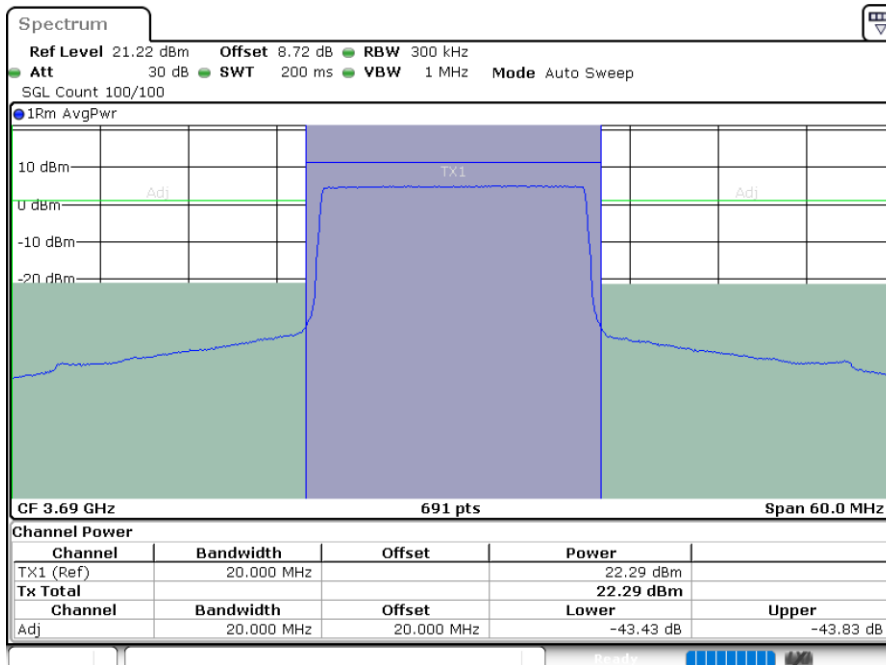


Date: 19.DEC.2022 23:12:19



Date: 19.DEC.2022 23:18:34

Highest Channel / FullRB



Date: 19.DEC.2022 23:19:32

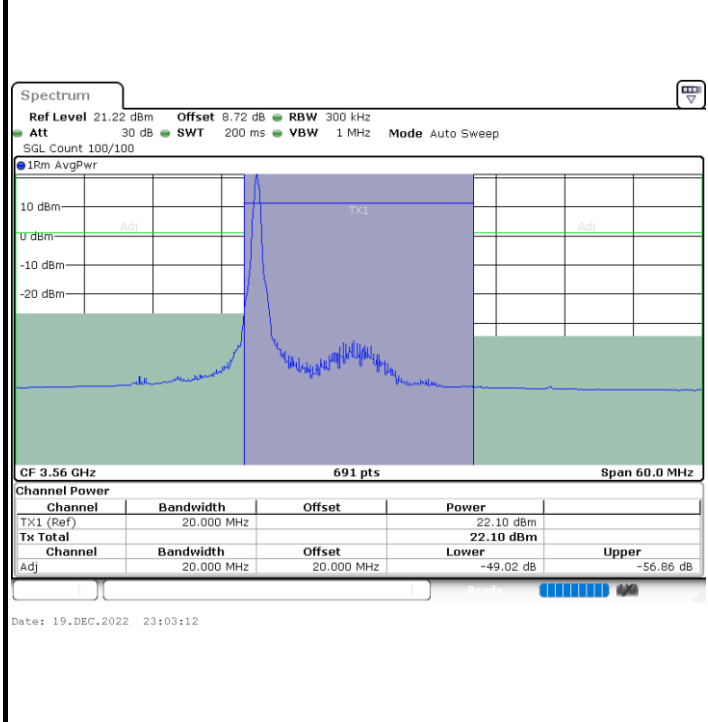




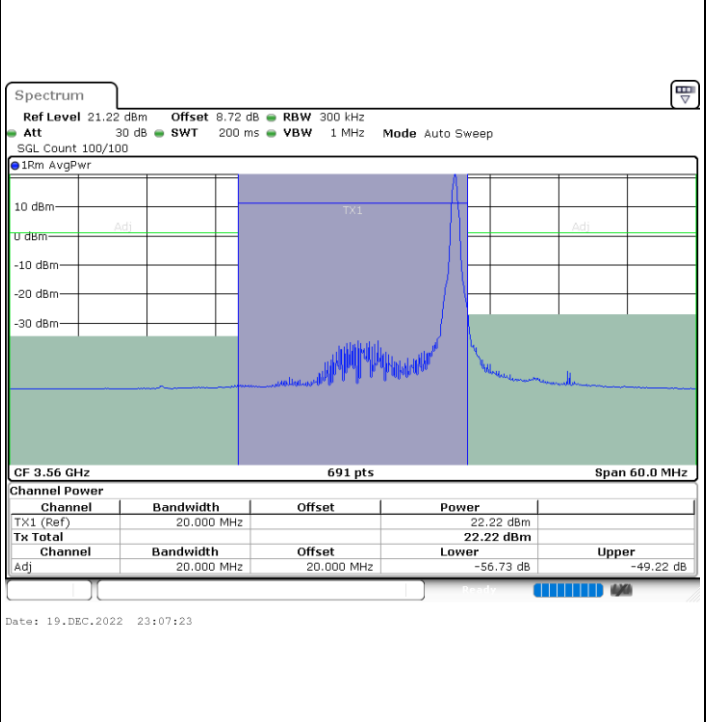
**LTE Band 48 / 20MHz**

**16QAM**

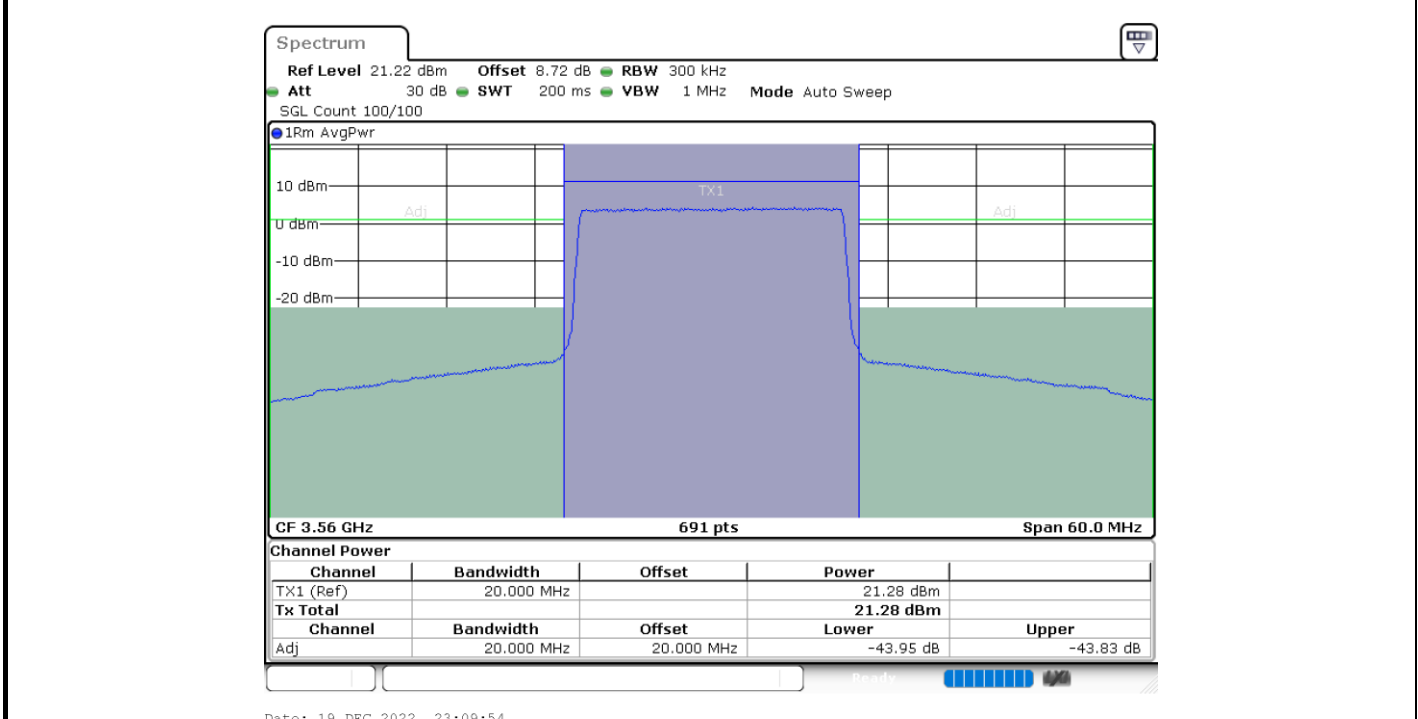
**Lowest Channel / 1RB0**



**Lowest Channel / 1RBmax**



**Lowest Channel / FullRB**



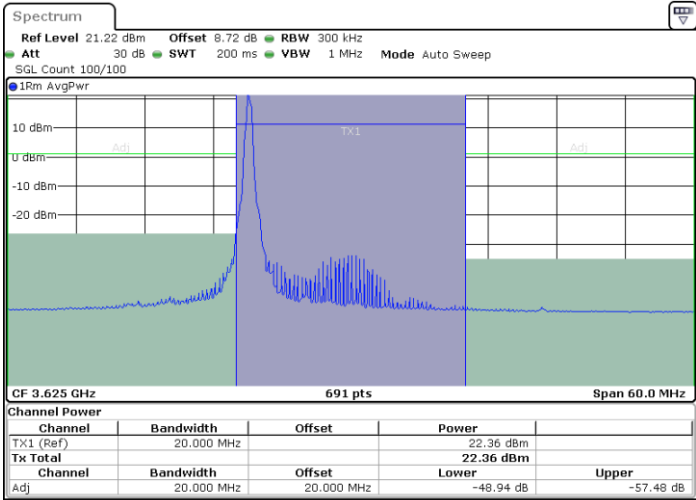


LTE Band 48 / 20MHz

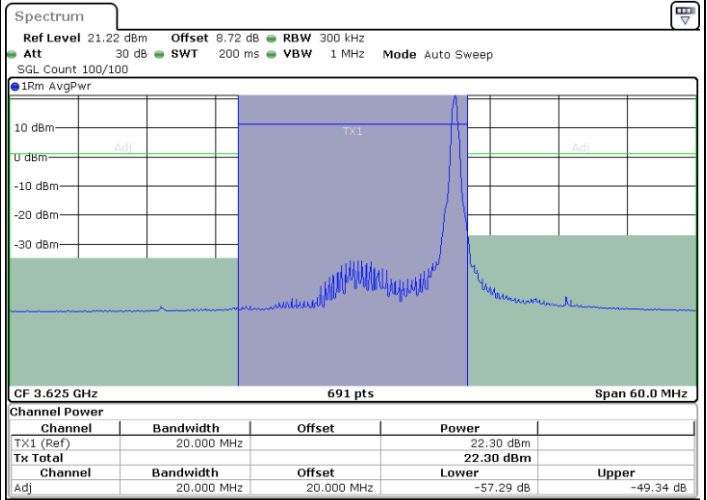
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

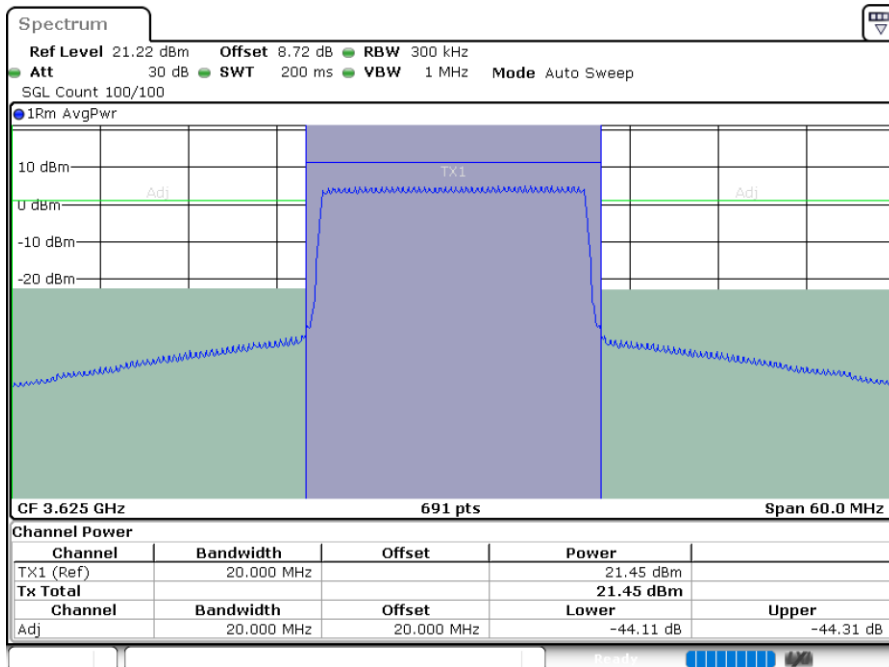


Date: 19.DEC.2022 22:53:17



Date: 19.DEC.2022 22:57:09

Middle Channel / FullRB



Date: 19.DEC.2022 22:59:26

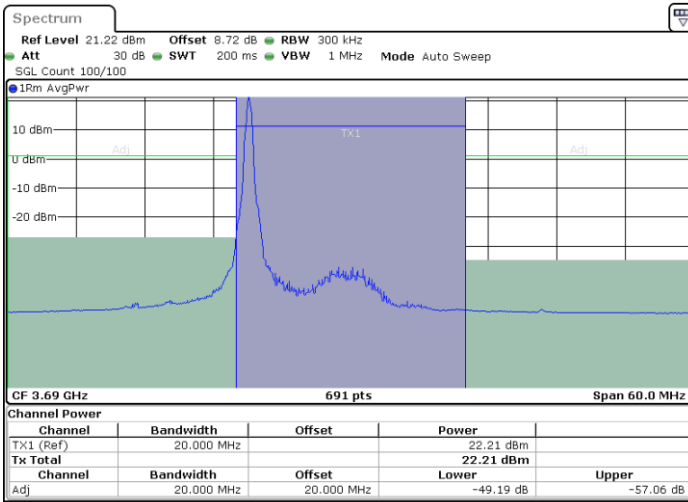


LTE Band 48 / 20MHz

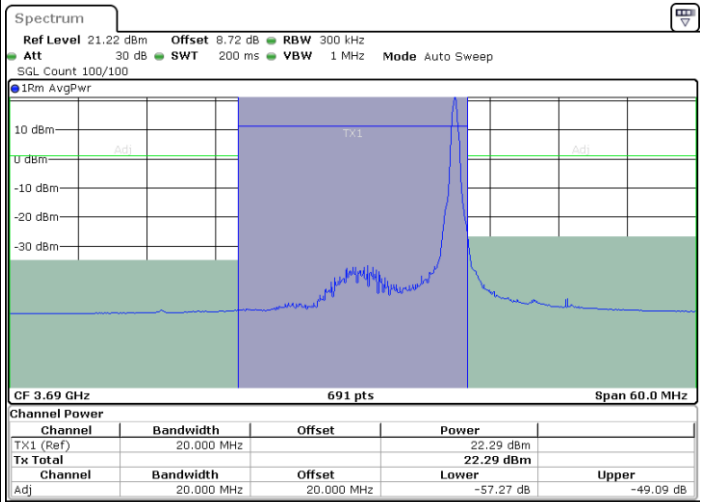
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

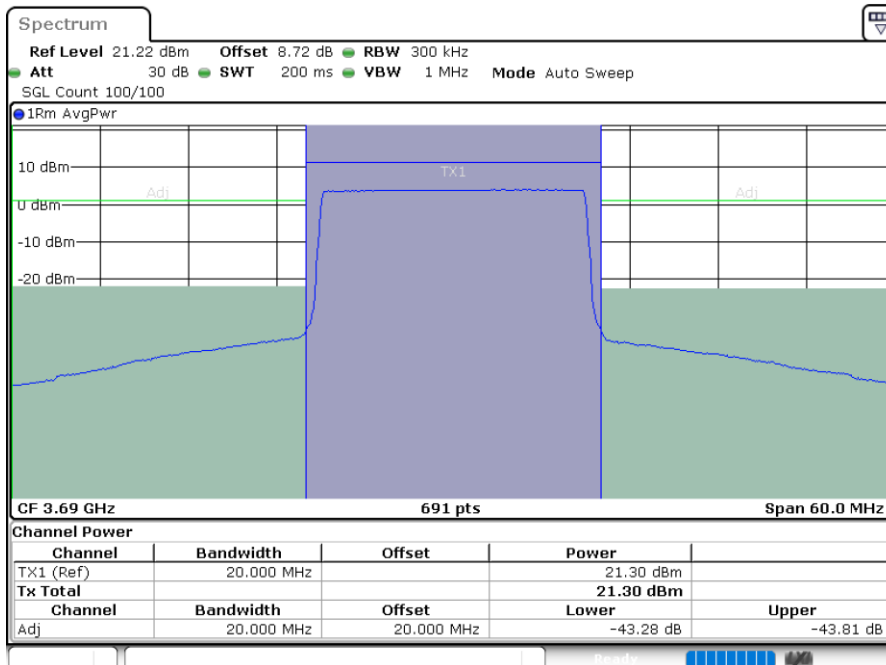


Date: 19.DEC.2022 23:13:05



Date: 19.DEC.2022 23:16:48

Highest Channel / FullIRB



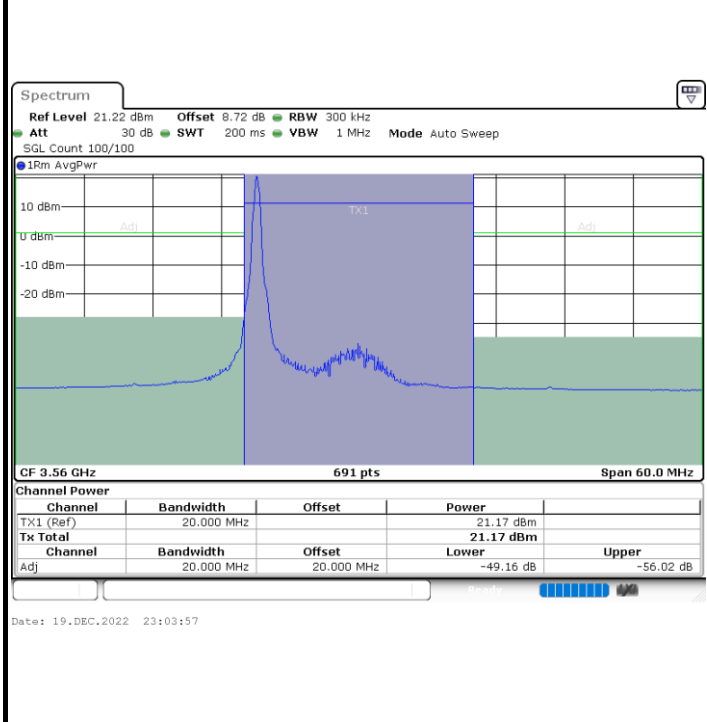
Date: 19.DEC.2022 23:21:03



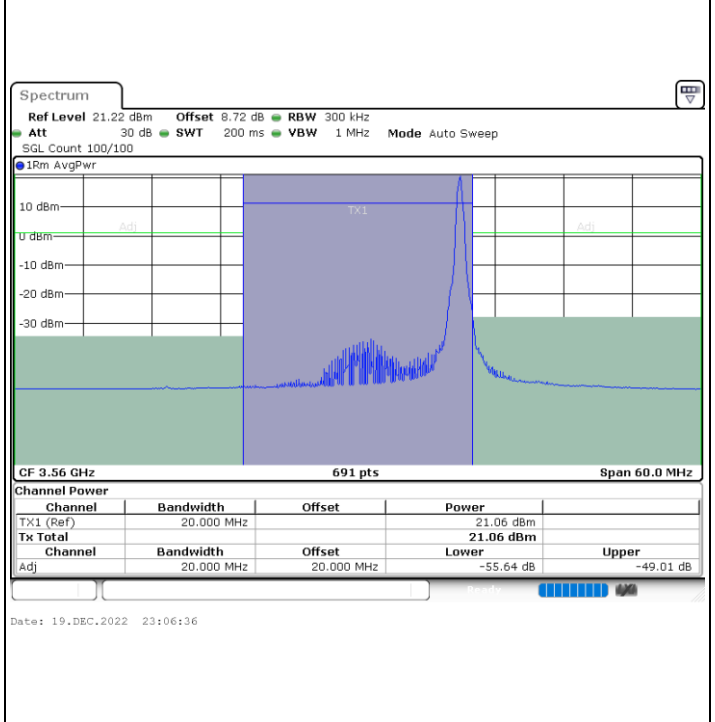
**LTE Band 48 / 20MHz**

**64QAM**

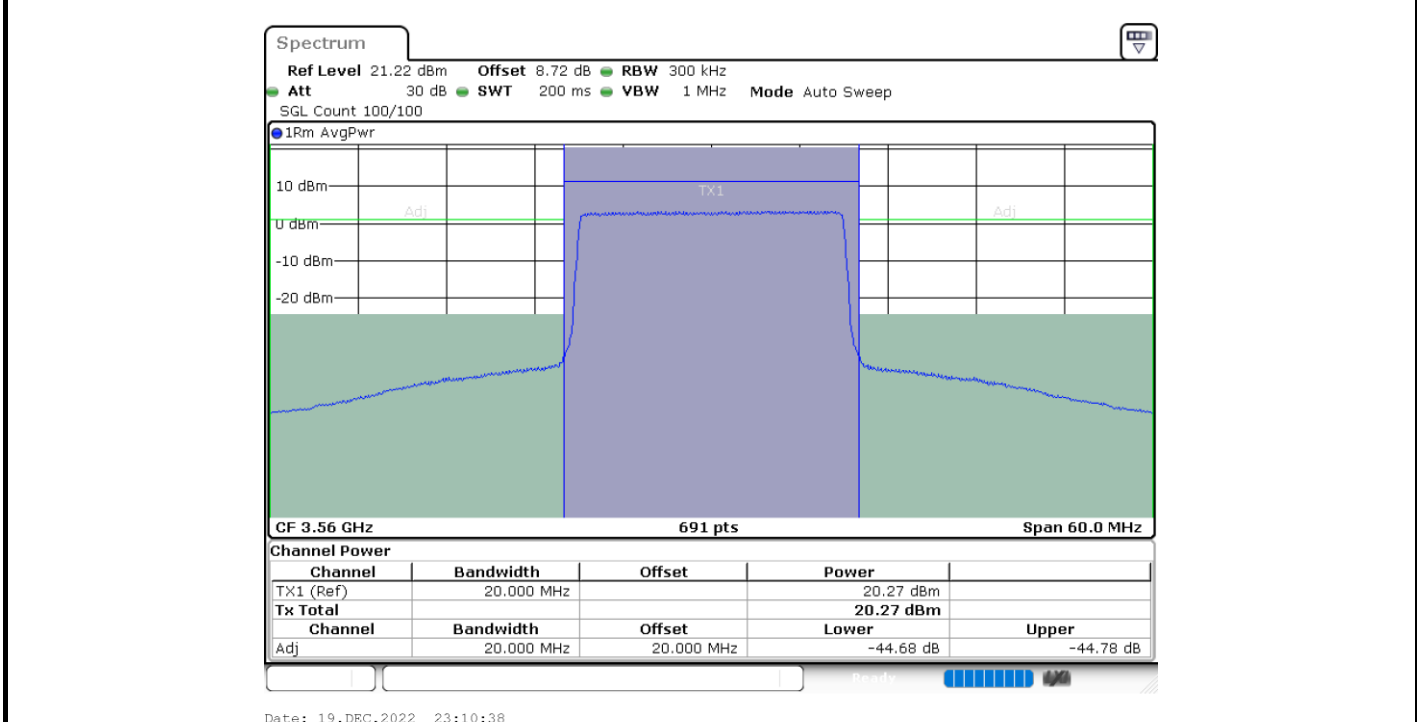
**Lowest Channel / 1RB0**



**Lowest Channel / 1RBmax**



**Lowest Channel / FullRB**



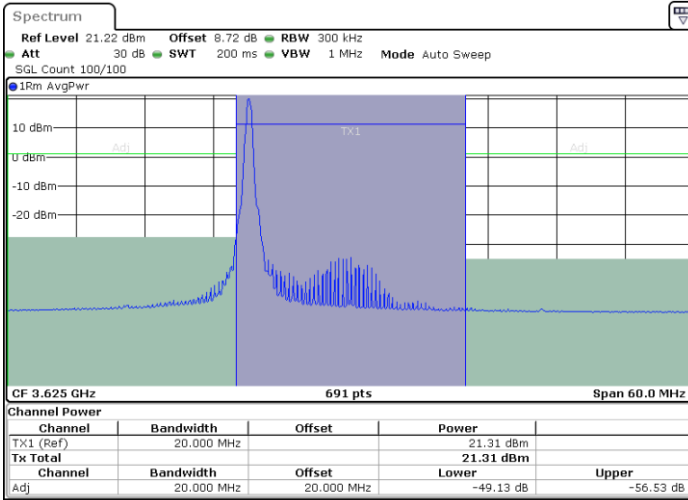


LTE Band 48 / 20MHz

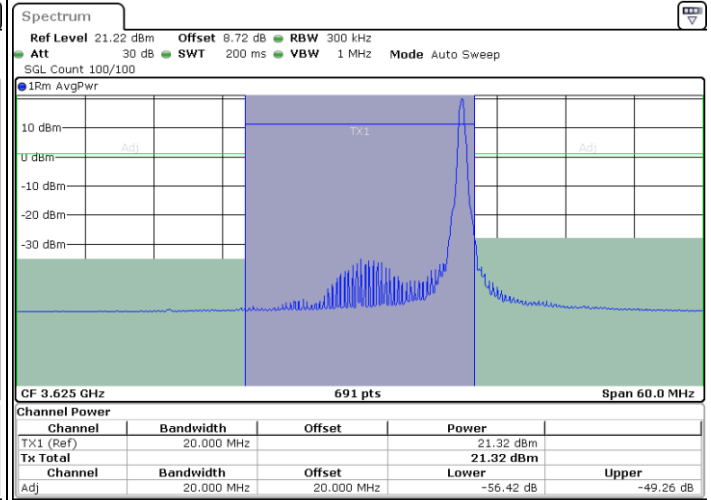
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

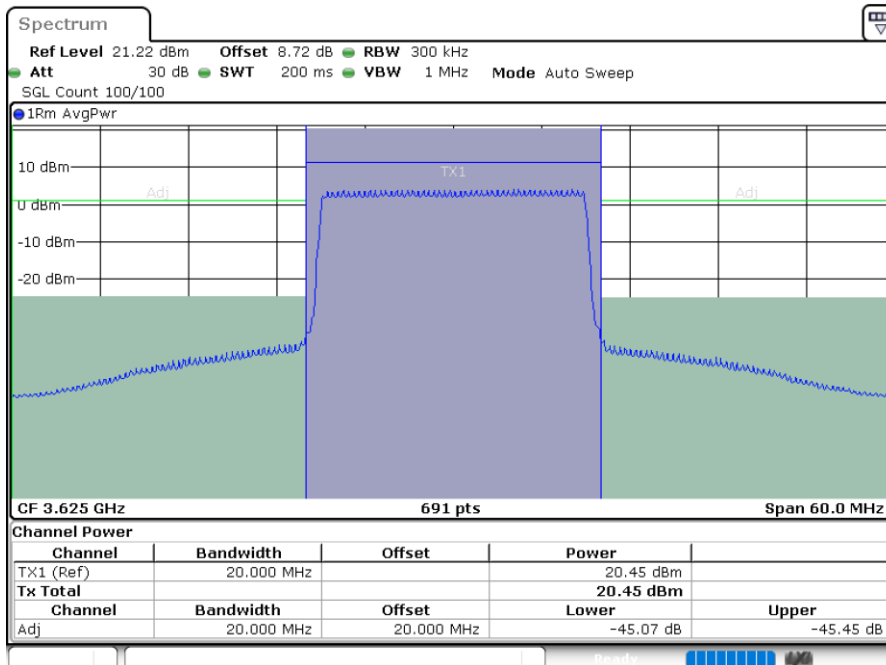


Date: 19.DEC.2022 22:54:05



Date: 19.DEC.2022 22:56:19

Middle Channel / FullRB



Date: 19.DEC.2022 23:00:09

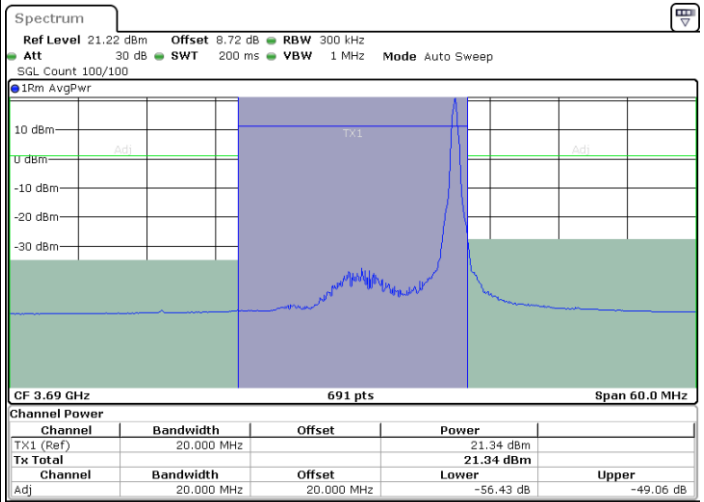
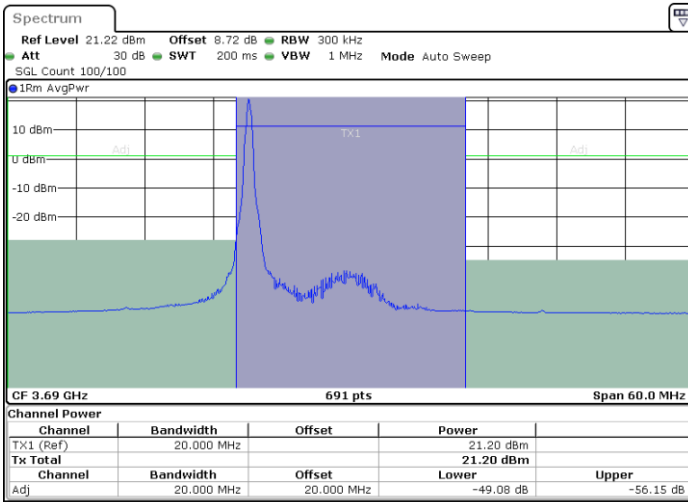


LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

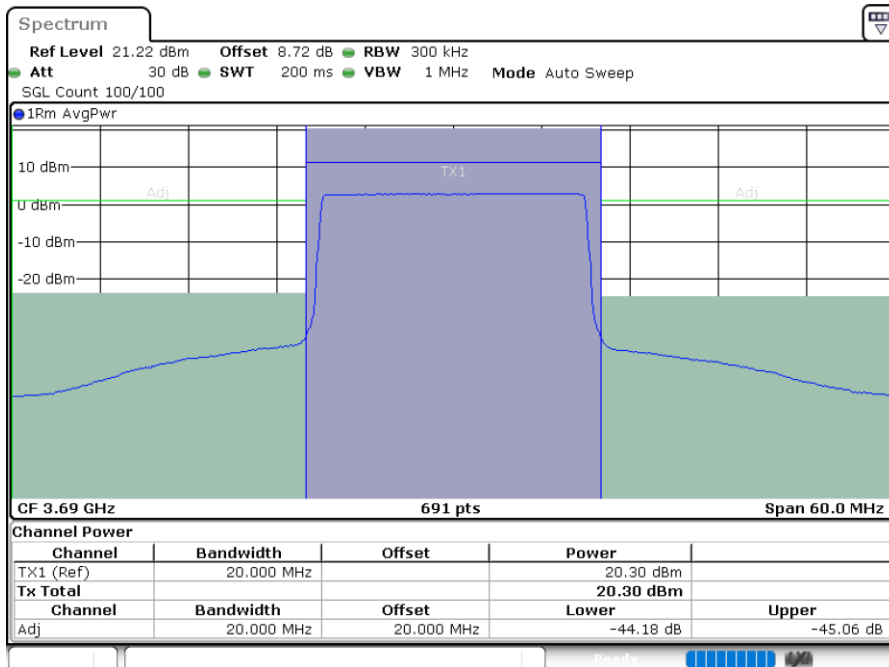
Highest Channel / 1RBmax



Date: 19.DEC.2022 23:13:48

Date: 19.DEC.2022 23:16:06

Highest Channel / FullRB



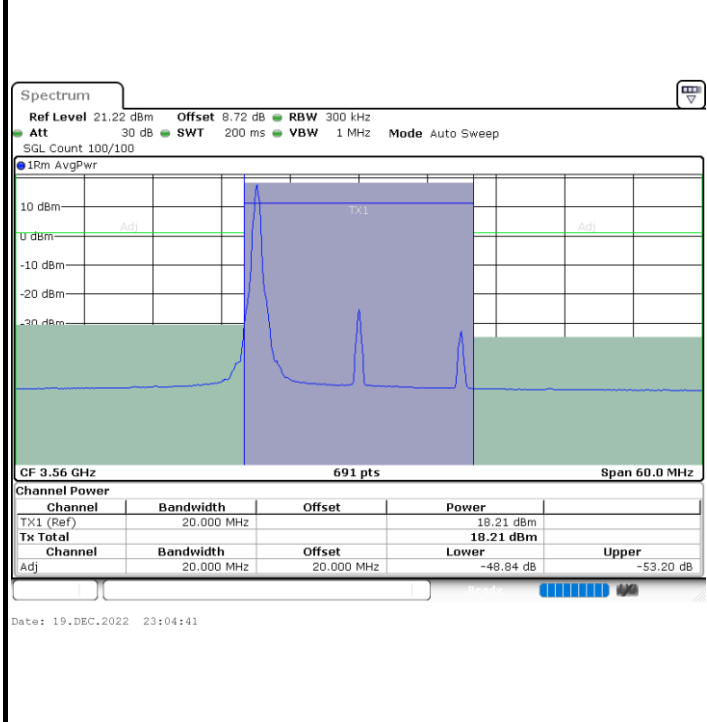
Date: 19.DEC.2022 23:24:14



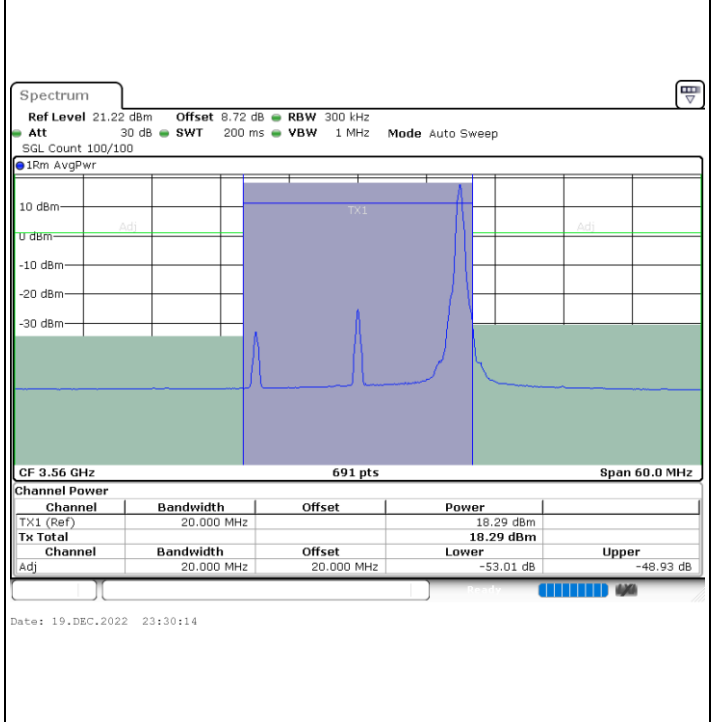
**LTE Band 48 / 20MHz**

**256QAM**

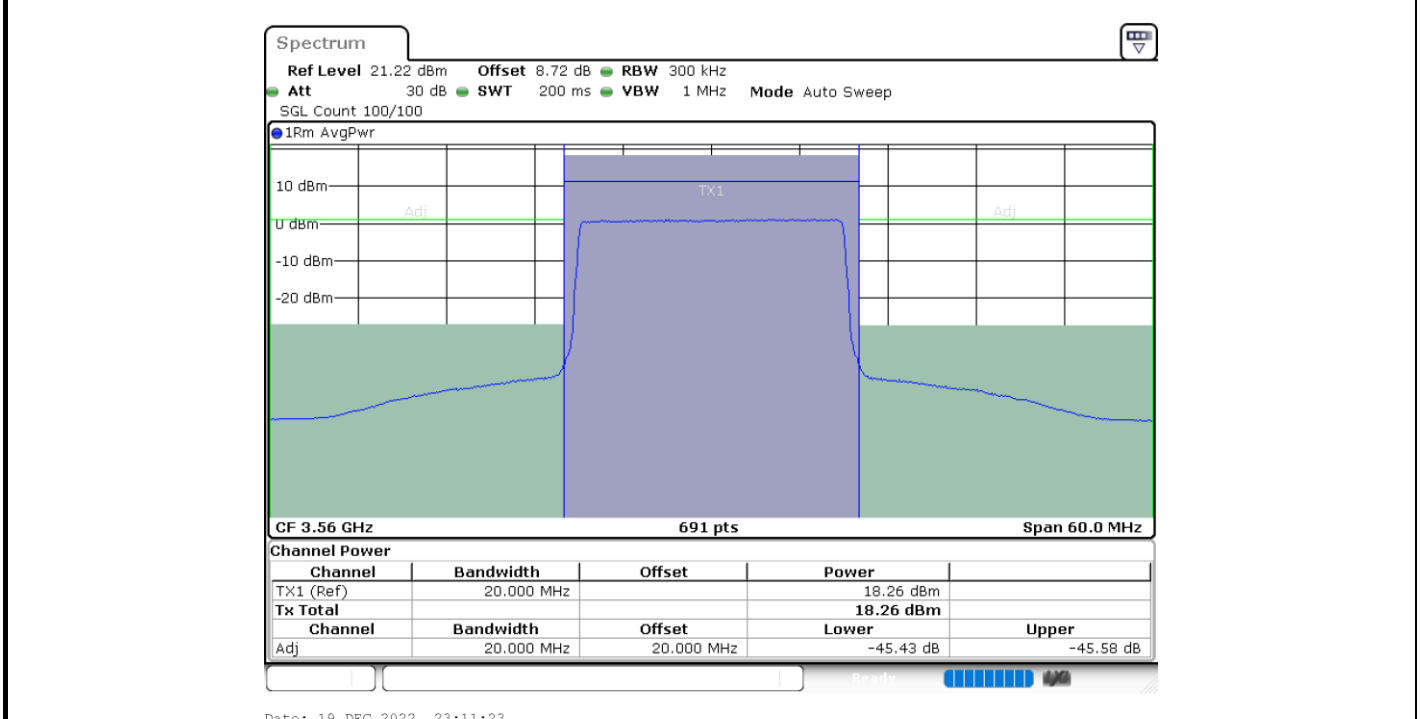
**Lowest Channel / 1RB0**



**Lowest Channel / 1RBmax**



**Lowest Channel / FullIRB**



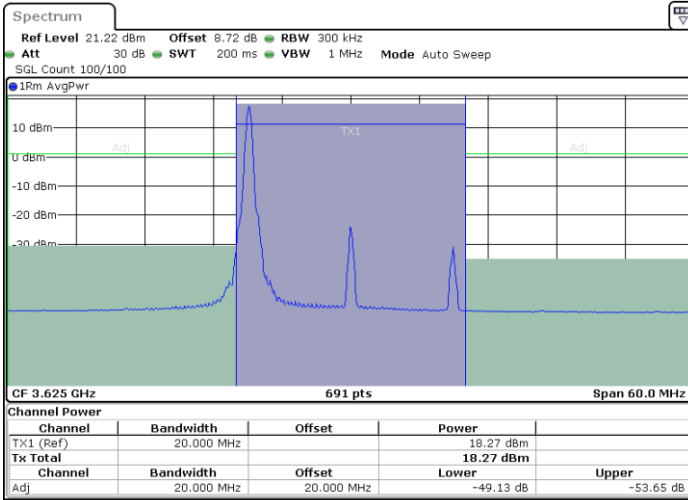


LTE Band 48 / 20MHz

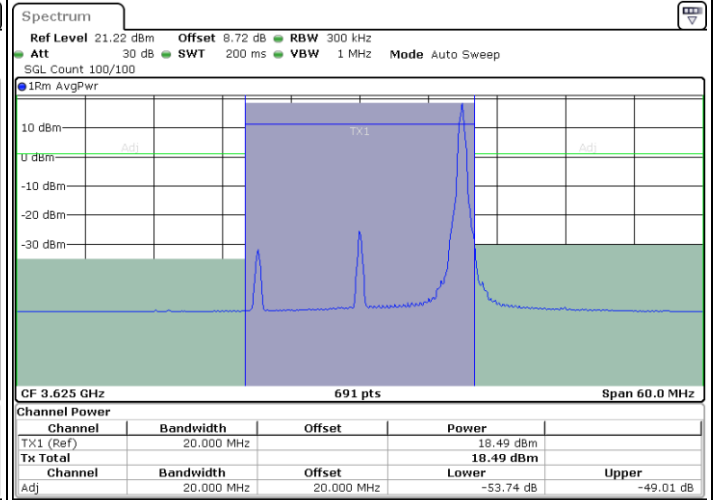
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

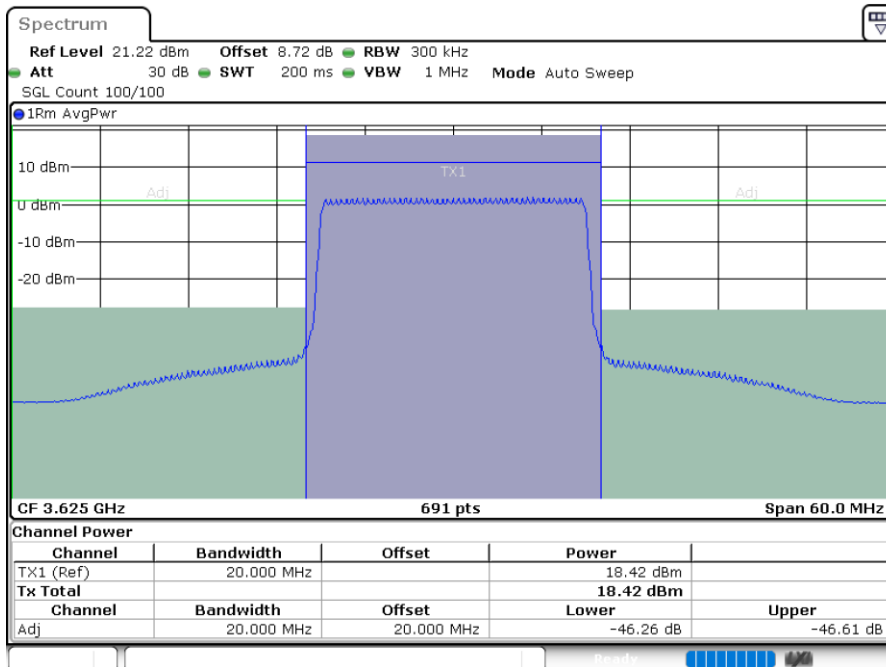


Date: 19.DEC.2022 22:54:48



Date: 19.DEC.2022 22:55:37

Middle Channel / FullRB



Date: 19.DEC.2022 23:00:54





LTE Band 48 / 20MHz

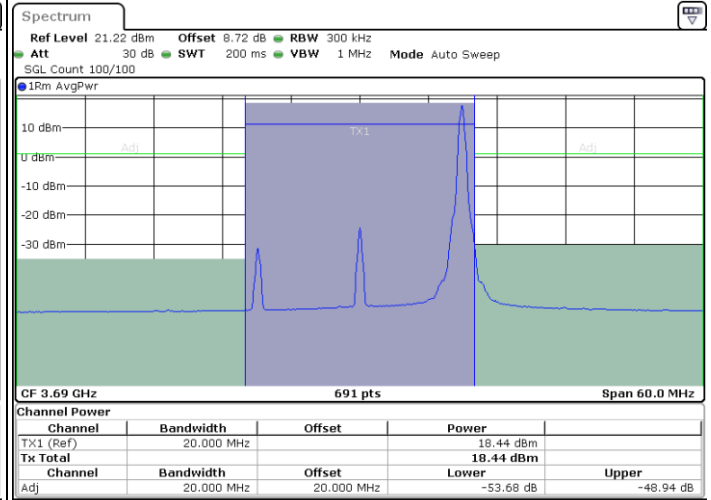
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

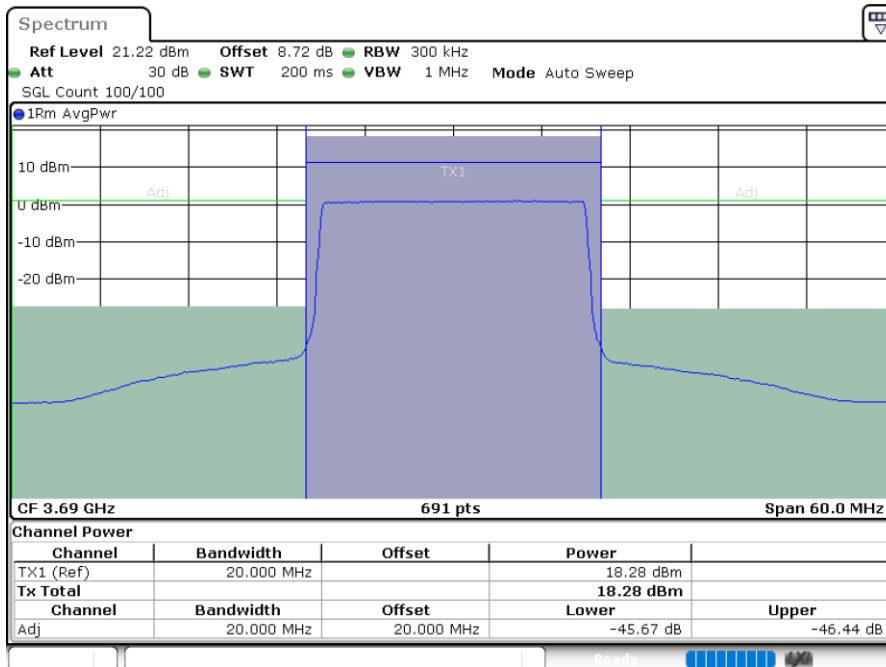


Date: 19.DEC.2022 23:14:32



Date: 19.DEC.2022 23:15:19

Highest Channel / FullRB

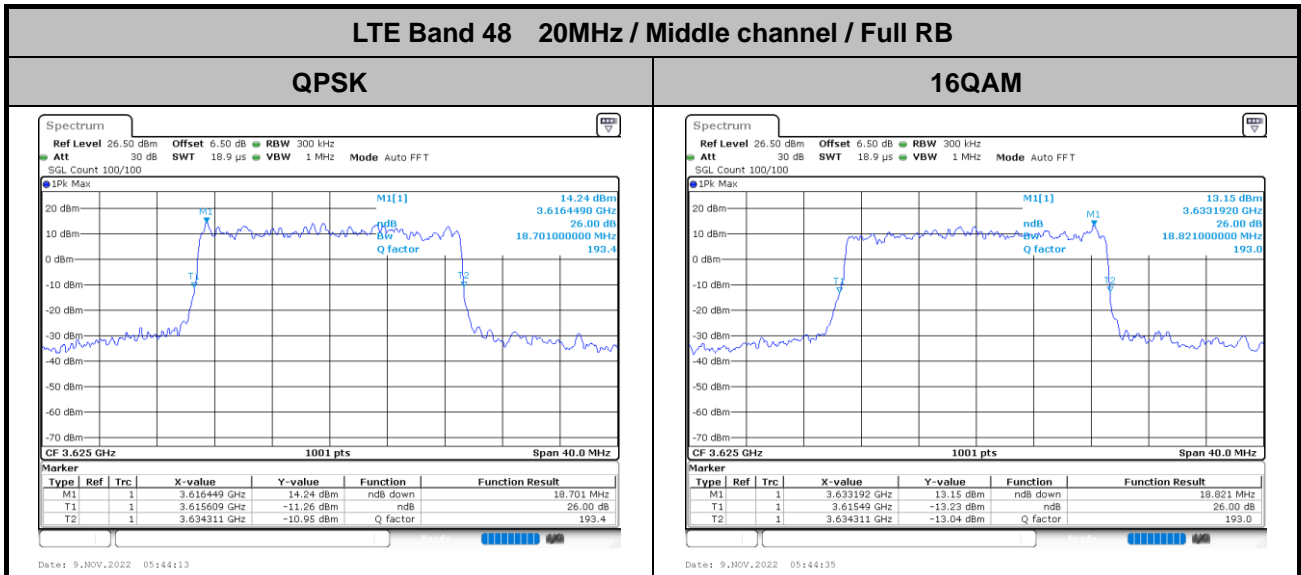


Date: 19.DEC.2022 23:25:40



## 26dB Bandwidth

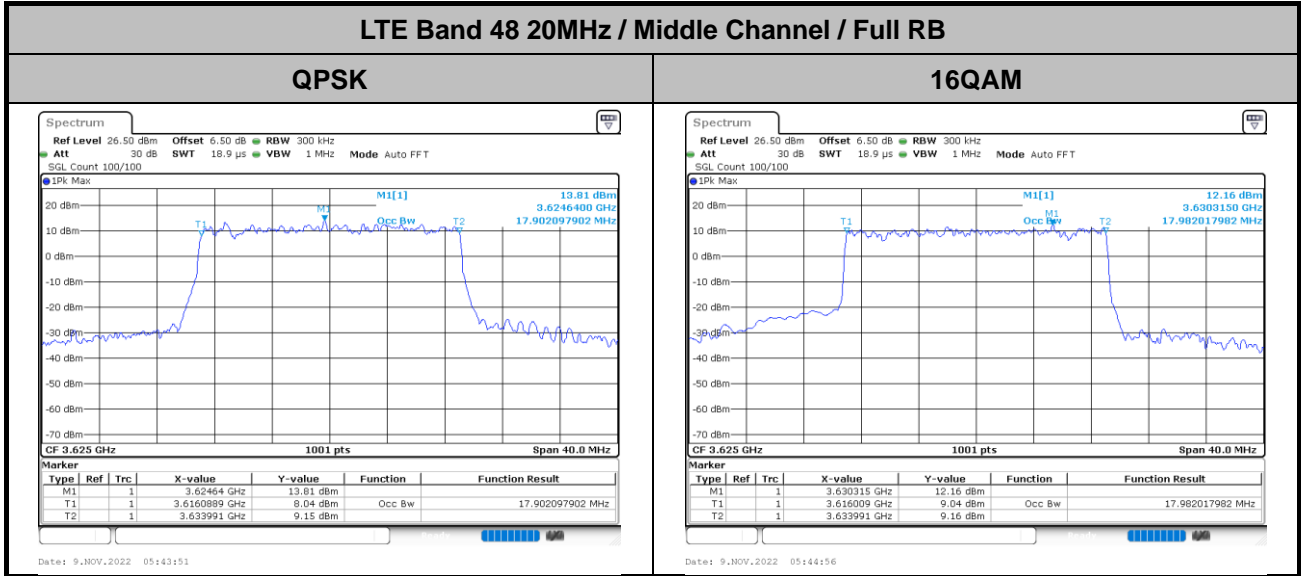
Mode	LTE Band 48 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.70	18.82





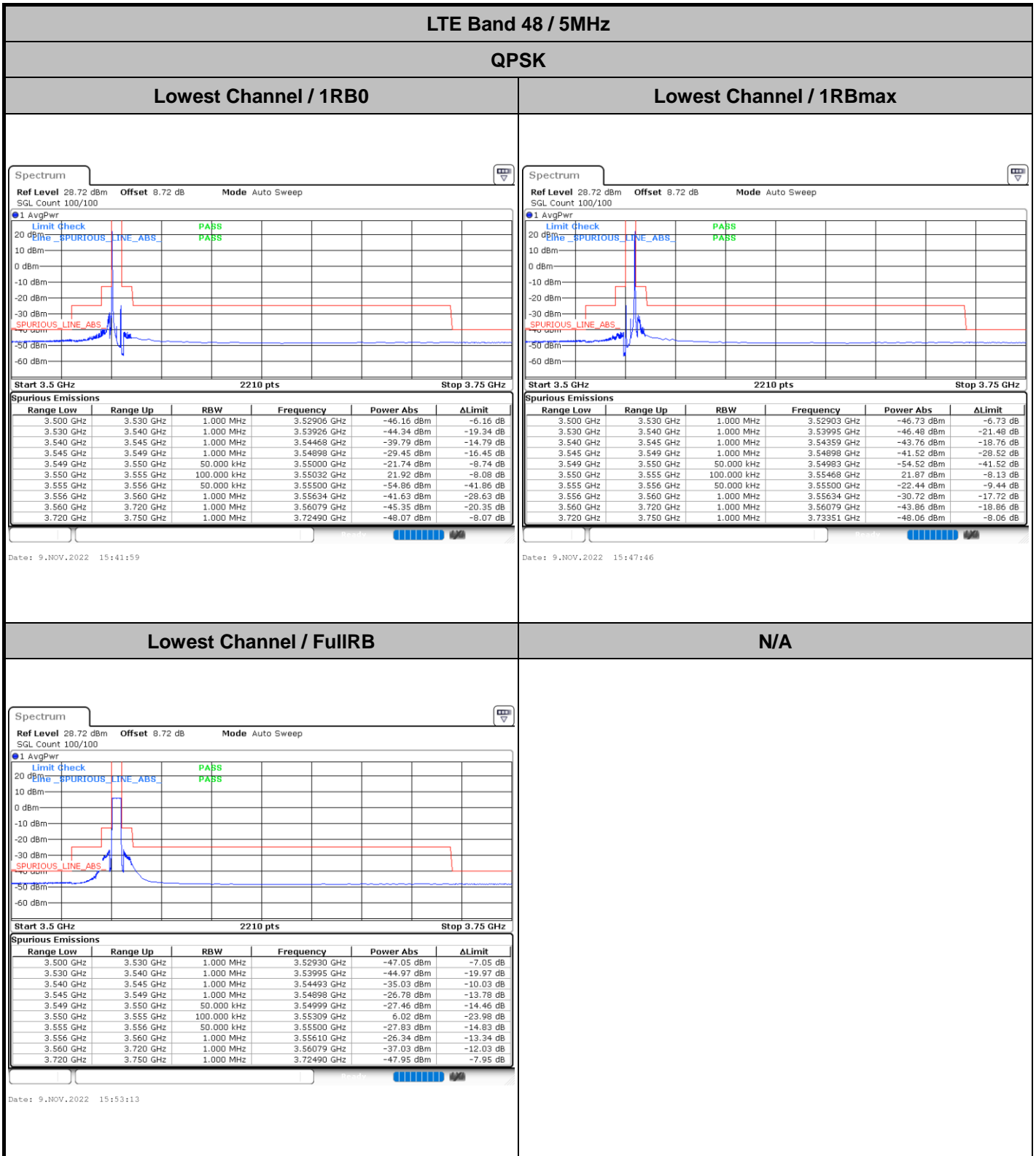
# Occupied Bandwidth

Mode	LTE Band 48 : 99%OBW(MHz)	
BW	20MHZ	
Mod.	QPAK	16QAM
Middle CH	17.90	17.98





# Conducted Band Edge



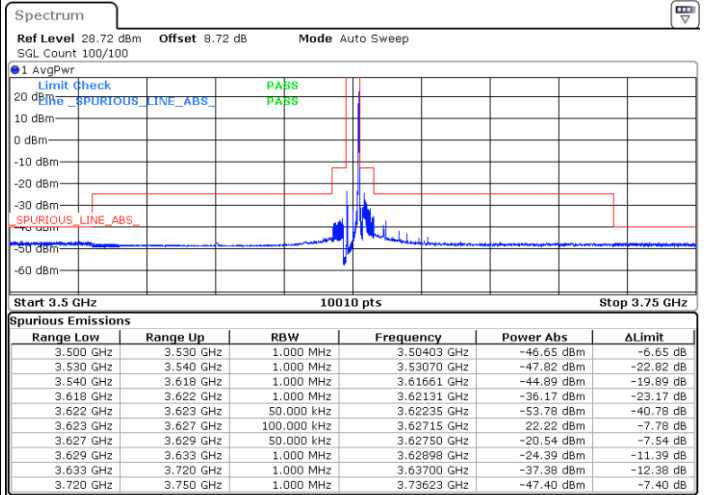
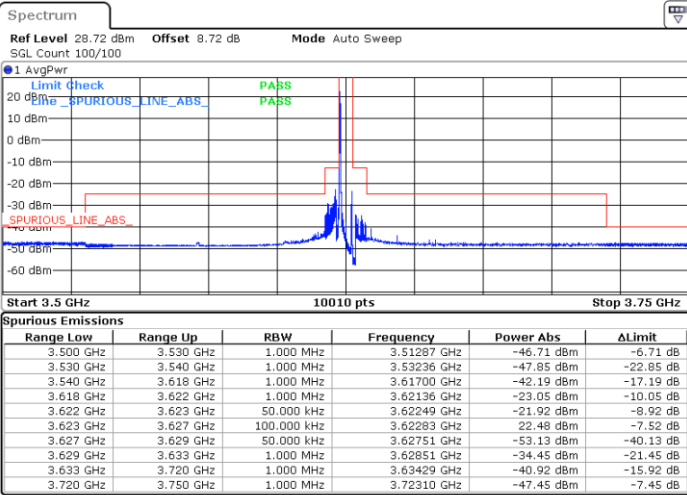


LTE Band 48 / 5MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

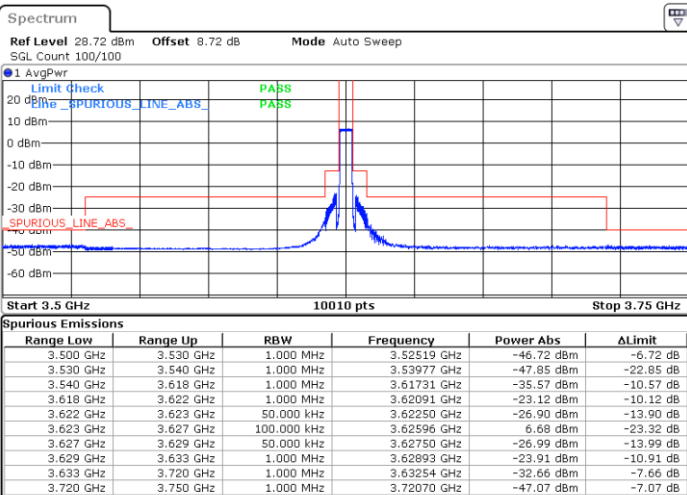


Date: 9.NOV.2022 16:01:53

Date: 9.NOV.2022 16:07:13

Middle Channel / Full

N/A



Date: 9.NOV.2022 16:12:34

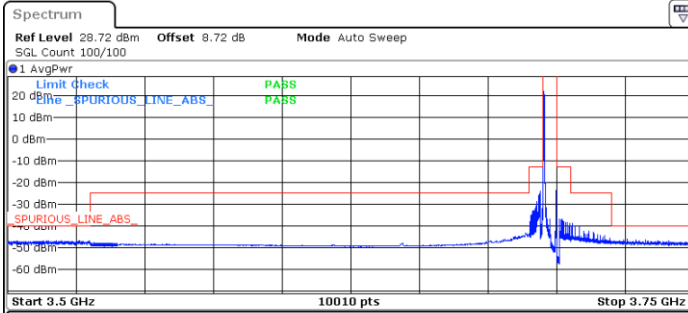


LTE Band 48 / 5MHz

QPSK

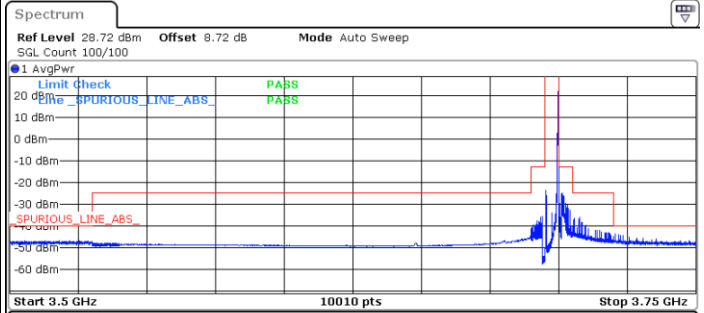
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51476 GHz	-46.72 dBm	-6.72 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53132 GHz	-47.79 dBm	-22.79 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68858 GHz	-43.29 dBm	-18.29 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69389 GHz	-23.96 dBm	-10.96 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69500 GHz	-21.30 dBm	-8.30 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69537 GHz	22.05 dBm	-7.95 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70009 GHz	-53.89 dBm	-40.89 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70193 GHz	-36.73 dBm	-23.73 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70562 GHz	-38.95 dBm	-13.95 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72559 GHz	-45.96 dBm	-5.96 dB

Date: 9.NOV.2022 16:17:56

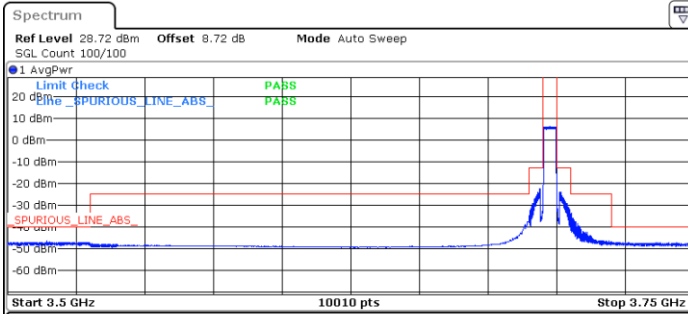


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52864 GHz	-46.97 dBm	-6.97 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53484 GHz	-47.91 dBm	-22.91 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68978 GHz	-44.73 dBm	-19.73 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69393 GHz	-35.63 dBm	-22.63 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69492 GHz	-53.42 dBm	-40.42 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69967 GHz	21.87 dBm	-8.13 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70001 GHz	-21.33 dBm	-8.33 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70115 GHz	-24.68 dBm	-11.68 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70758 GHz	-36.22 dBm	-11.22 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72040 GHz	-43.86 dBm	-3.86 dB

Date: 9.NOV.2022 16:23:22

Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51434 GHz	-46.66 dBm	-6.66 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53074 GHz	-47.85 dBm	-22.85 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68993 GHz	-36.46 dBm	-11.46 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69369 GHz	-22.34 dBm	-9.34 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69499 GHz	-27.01 dBm	-14.01 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69745 GHz	6.15 dBm	-23.85 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70001 GHz	-26.97 dBm	-13.97 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70165 GHz	-23.91 dBm	-10.91 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70544 GHz	-33.80 dBm	-8.80 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72253 GHz	-47.12 dBm	-7.12 dB

Date: 9.NOV.2022 16:28:48

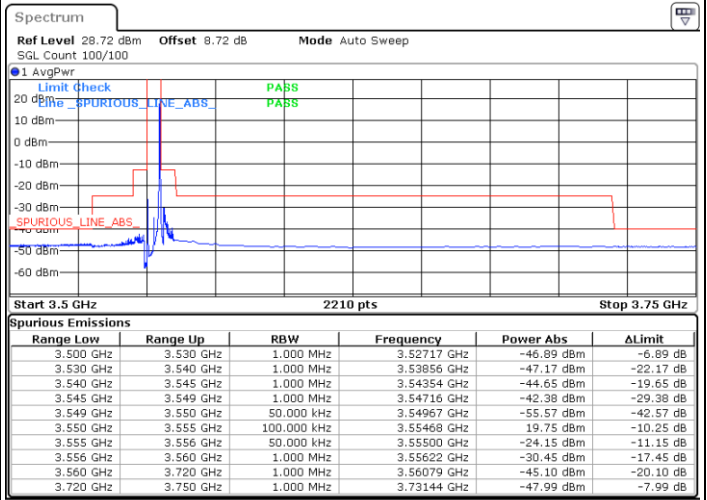
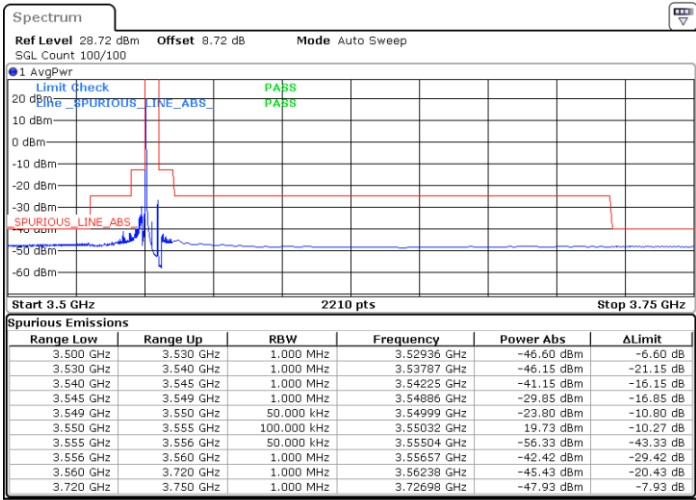


LTE Band 48 / 5MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

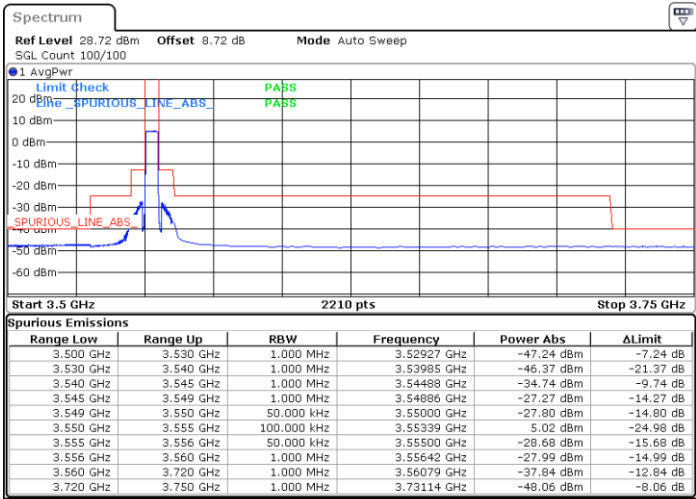


Date: 9.NOV.2022 15:43:41

Date: 9.NOV.2022 15:49:07

Lowest Channel / FullRB

N/A



Date: 9.NOV.2022 15:54:34

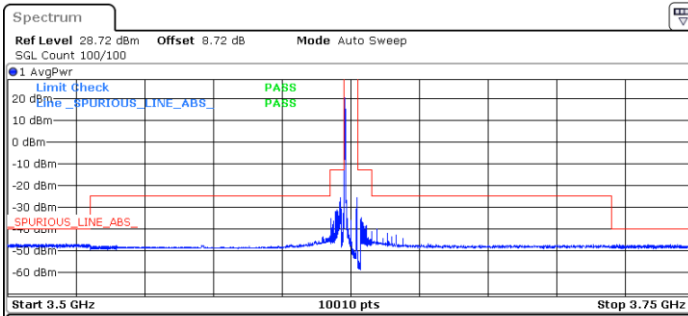


LTE Band 48 / 5MHz

16QAM

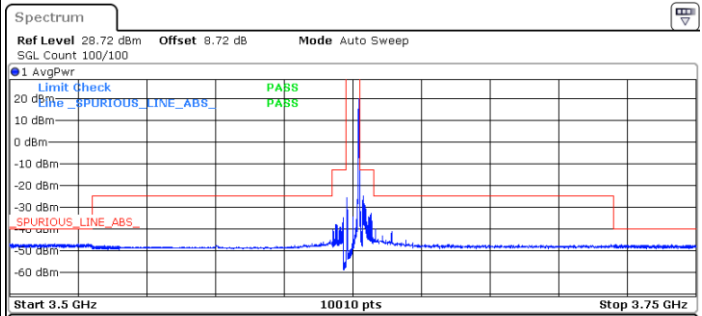
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50319 GHz	-46.81 dBm	-6.81 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53966 GHz	-47.83 dBm	-22.83 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61746 GHz	-43.26 dBm	-18.26 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62116 GHz	-25.68 dBm	-12.68 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62250 GHz	-22.78 dBm	-9.78 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62286 GHz	20.19 dBm	-9.81 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62797 GHz	-54.99 dBm	-41.99 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62880 GHz	-34.92 dBm	-21.92 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63464 GHz	-40.02 dBm	-15.02 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74393 GHz	-47.24 dBm	-7.24 dB

Date: 9.NOV.2022 16:03:13

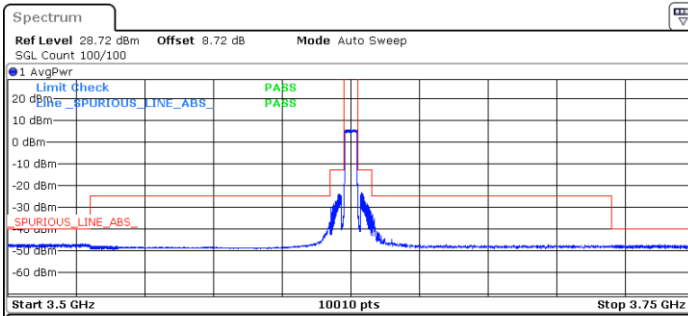


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52507 GHz	-46.87 dBm	-6.87 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53498 GHz	-47.84 dBm	-22.84 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61684 GHz	-45.29 dBm	-20.29 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62147 GHz	-34.74 dBm	-21.74 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62234 GHz	-54.56 dBm	-41.56 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62718 GHz	20.08 dBm	-9.92 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62750 GHz	-23.44 dBm	-10.44 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62888 GHz	-24.74 dBm	-11.74 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63324 GHz	-40.18 dBm	-15.18 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73638 GHz	-47.35 dBm	-7.35 dB

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Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52807 GHz	-46.69 dBm	-6.69 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53386 GHz	-47.89 dBm	-22.89 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61723 GHz	-37.11 dBm	-12.11 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62103 GHz	-24.01 dBm	-11.01 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62250 GHz	-28.13 dBm	-15.13 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62349 GHz	5.51 dBm	-24.49 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62750 GHz	-27.83 dBm	-14.83 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62885 GHz	-23.20 dBm	-10.20 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63281 GHz	-33.21 dBm	-8.21 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73755 GHz	-47.18 dBm	-7.18 dB

Date: 9.NOV.2022 16:13:54



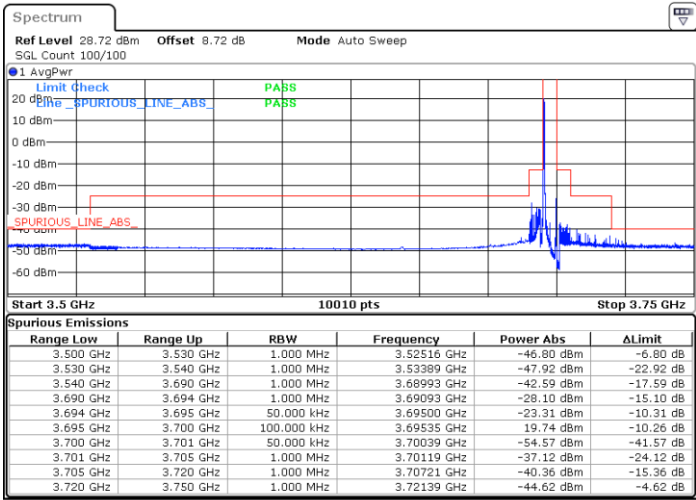


LTE Band 48 / 5MHz

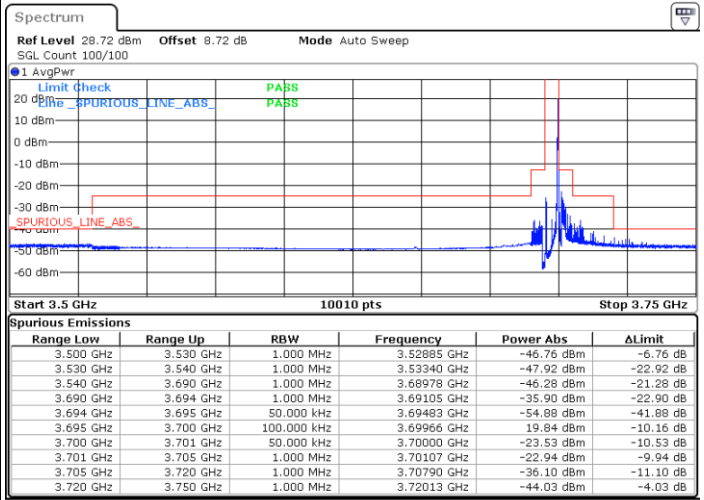
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



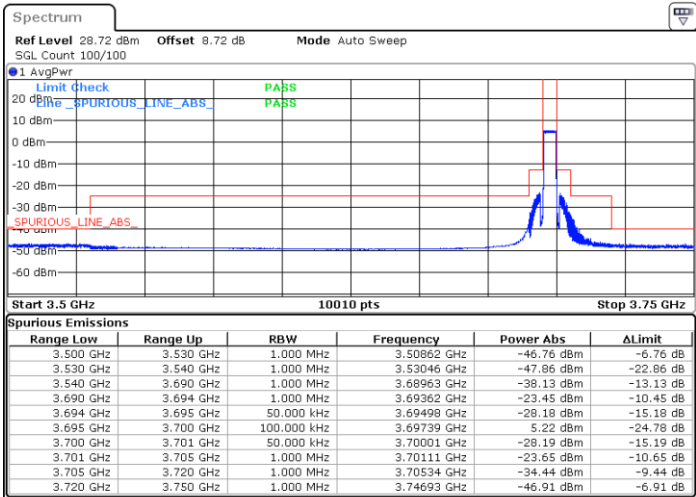
Date: 9.NOV.2022 16:19:16



Date: 9.NOV.2022 16:24:43

Highest Channel / FullIRB

N/A



Date: 9.NOV.2022 16:30:09

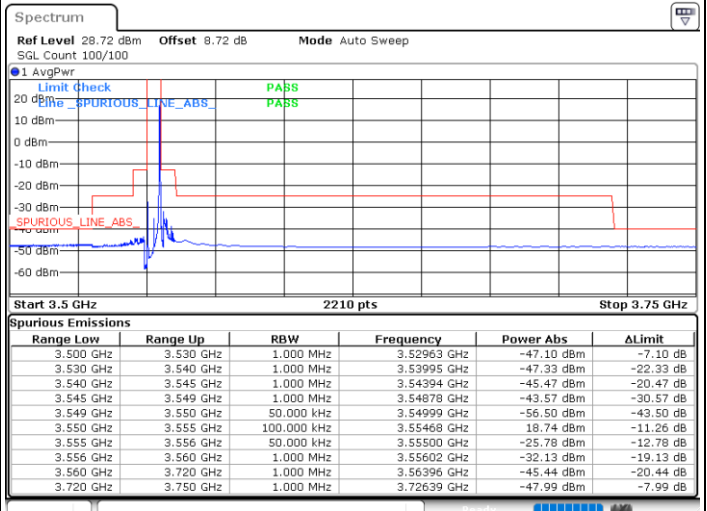
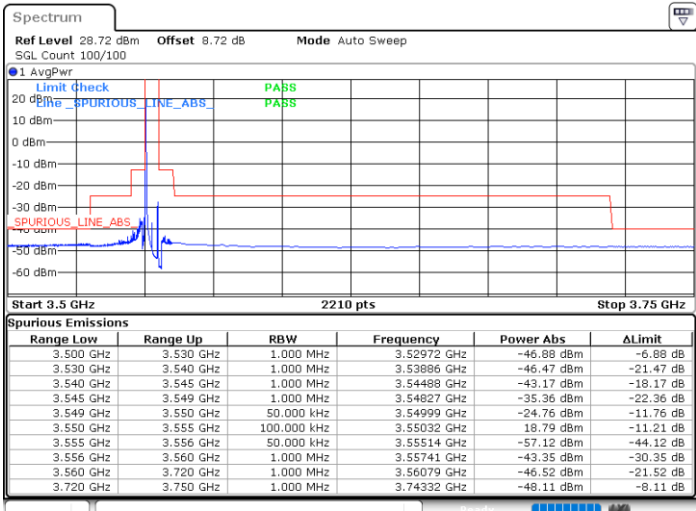


LTE Band 48 / 5MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

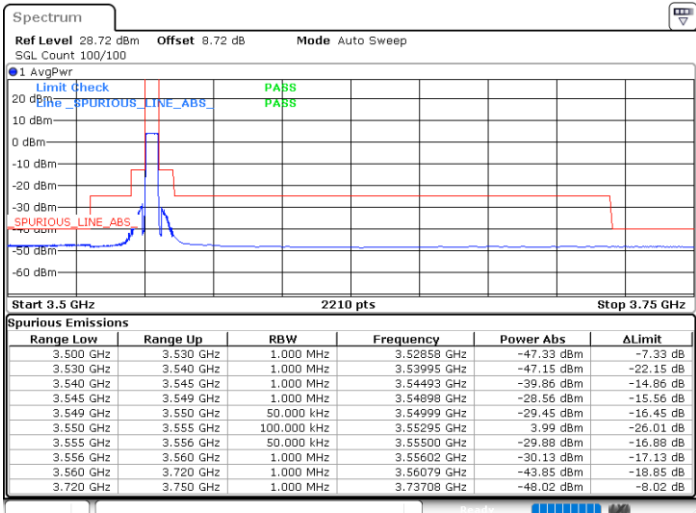


Date: 9.NOV.2022 15:45:02

Date: 9.NOV.2022 15:50:28

Lowest Channel / FullIRB

N/A



Date: 9.NOV.2022 15:55:54

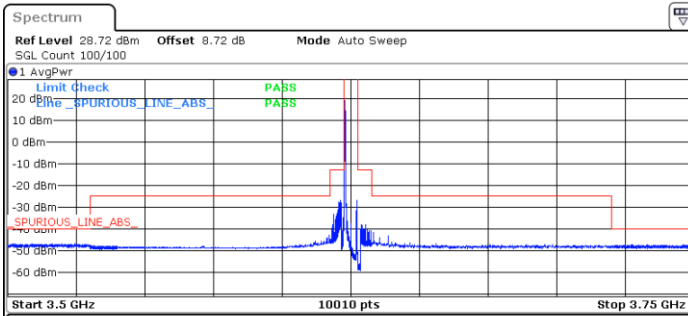


LTE Band 48 / 5MHz

64QAM

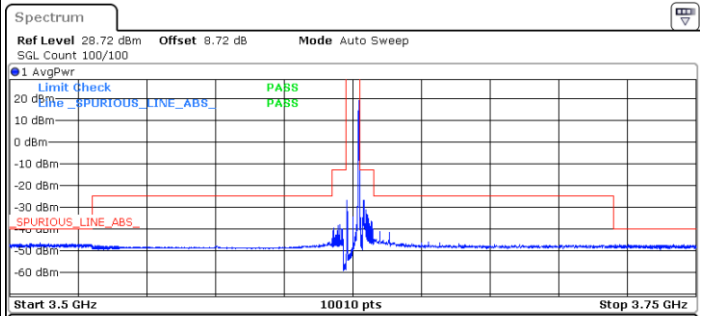
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50259 GHz	-46.87 dBm	-6.87 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53042 GHz	-47.71 dBm	-22.71 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61707 GHz	-42.75 dBm	-17.75 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62125 GHz	-26.85 dBm	-13.85 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62249 GHz	-24.60 dBm	-11.60 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62287 GHz	19.14 dBm	-10.86 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62762 GHz	-55.96 dBm	-42.96 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62867 GHz	-37.96 dBm	-24.96 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63333 GHz	-41.64 dBm	-16.64 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72730 GHz	-47.41 dBm	-7.41 dB

Date: 9.NOV.2022 16:04:33

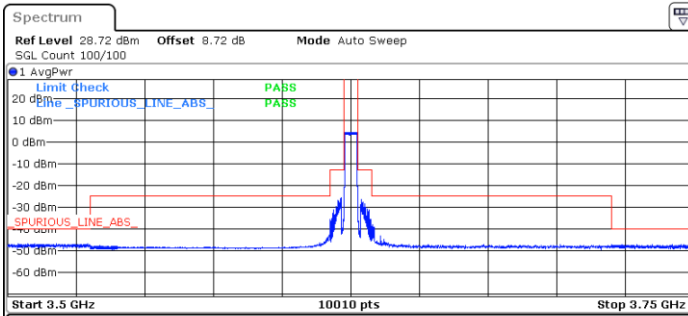


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51113 GHz	-46.64 dBm	-6.64 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53194 GHz	-47.77 dBm	-22.77 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61653 GHz	-46.07 dBm	-21.07 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62029 GHz	-37.93 dBm	-24.93 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62221 GHz	-56.01 dBm	-43.01 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62713 GHz	19.17 dBm	-10.83 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62750 GHz	-24.33 dBm	-11.33 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62891 GHz	-26.91 dBm	-13.91 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63473 GHz	-41.11 dBm	-16.11 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74558 GHz	-47.22 dBm	-7.22 dB

Date: 9.NOV.2022 16:09:54

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50370 GHz	-46.73 dBm	-6.73 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53360 GHz	-47.83 dBm	-22.83 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61746 GHz	-42.11 dBm	-17.11 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62140 GHz	-25.67 dBm	-12.67 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62248 GHz	-29.04 dBm	-16.04 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62688 GHz	4.50 dBm	-25.50 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62752 GHz	-29.25 dBm	-16.25 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62883 GHz	-26.56 dBm	-13.56 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63307 GHz	-38.21 dBm	-13.21 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74606 GHz	-47.36 dBm	-7.36 dB

Date: 9.NOV.2022 16:15:15

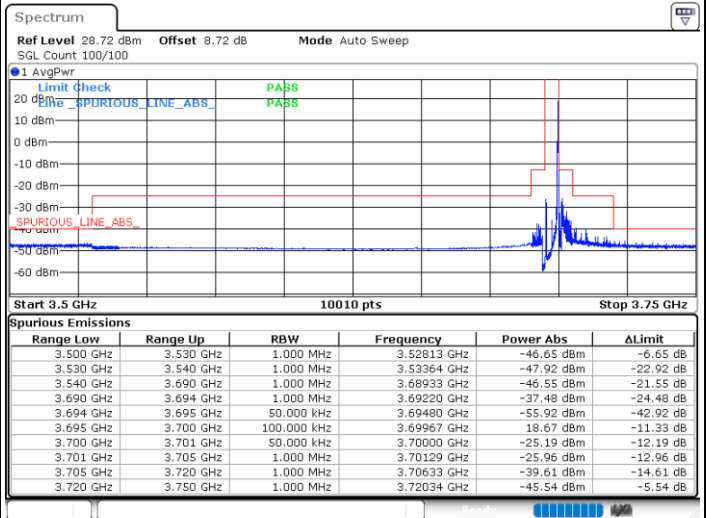
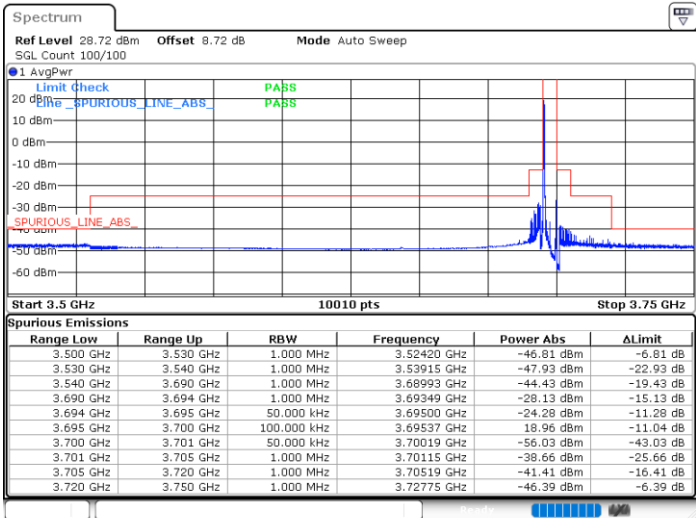


LTE Band 48 / 5MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

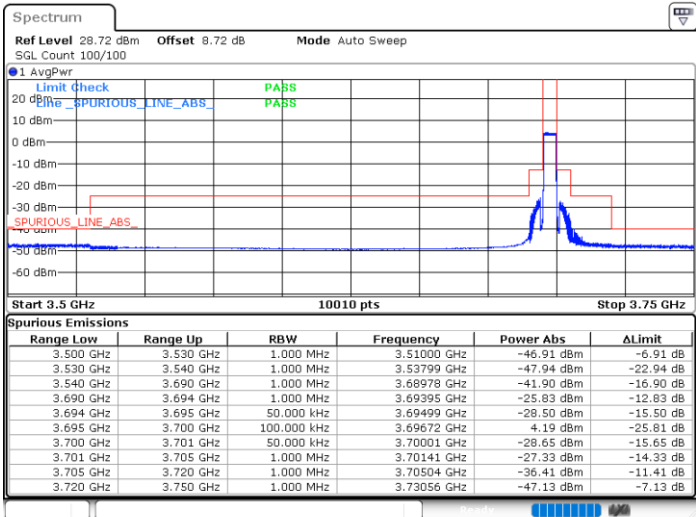


Date: 9.NOV.2022 16:20:37

Date: 9.NOV.2022 16:26:04

Highest Channel / FullIRB

N/A



Date: 9.NOV.2022 16:31:30

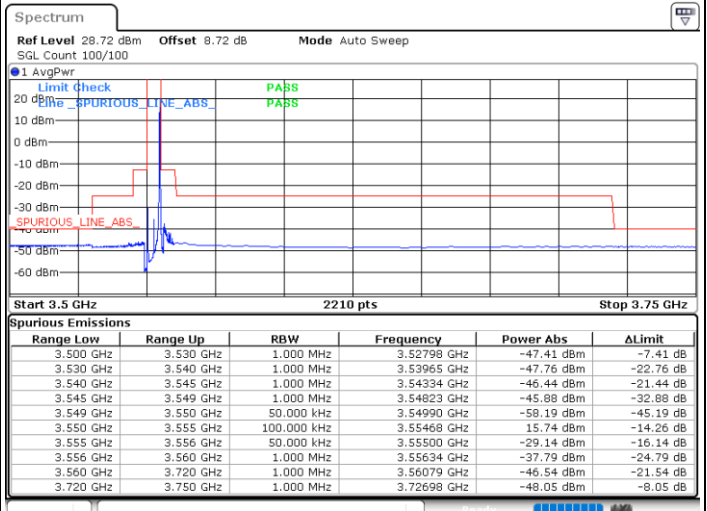
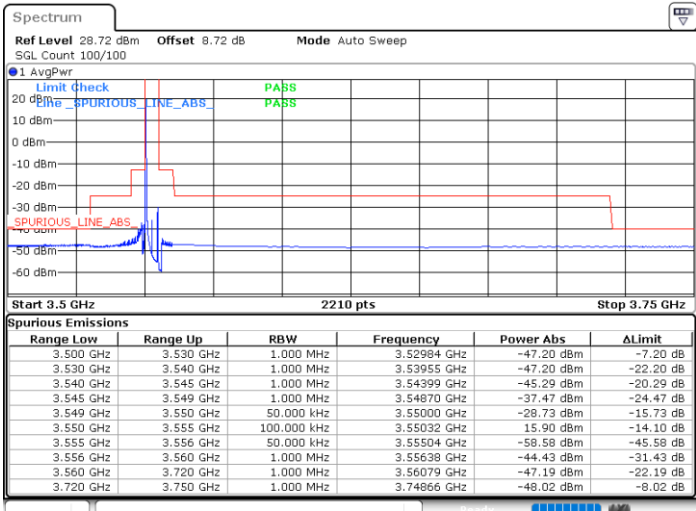


LTE Band 48 / 5MHz

256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

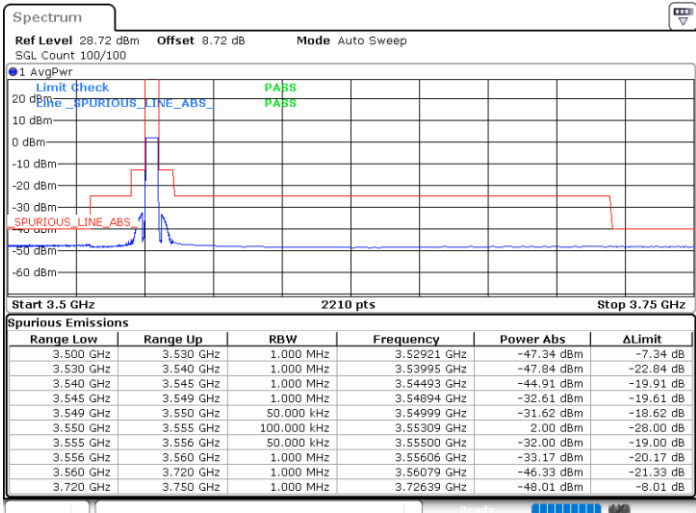


Date: 9.NOV.2022 15:46:23

Date: 9.NOV.2022 15:51:49

Lowest Channel / FullIRB

N/A



Date: 9.NOV.2022 15:57:15

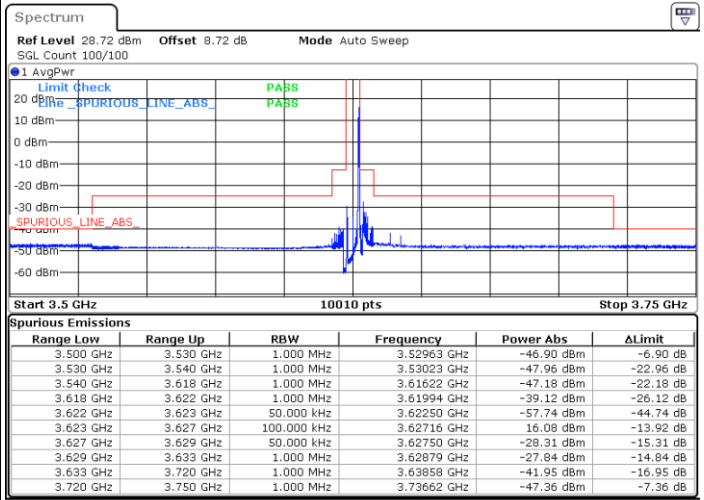
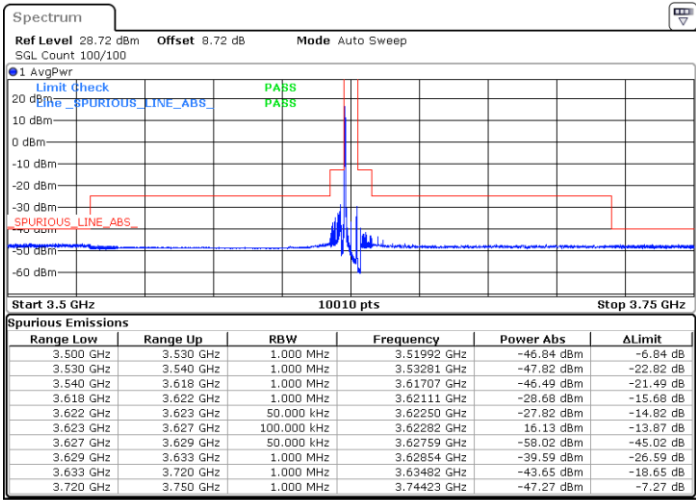


LTE Band 48 / 5MHz

256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

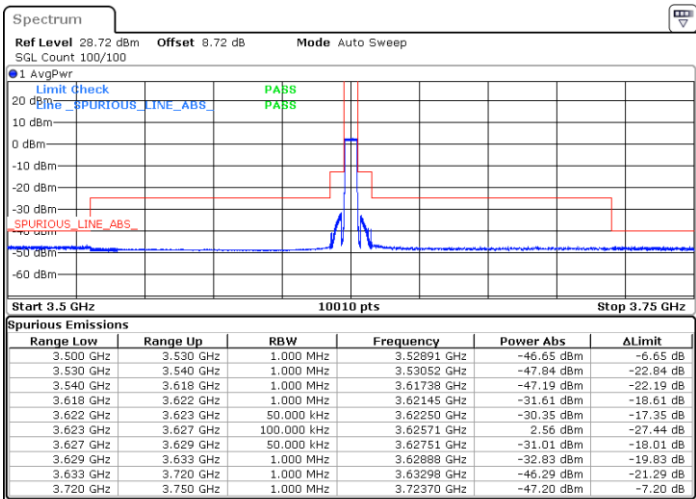


Date: 9.NOV.2022 16:05:53

Date: 9.NOV.2022 16:11:14

Middle Channel / Full

N/A



Date: 9.NOV.2022 16:16:35

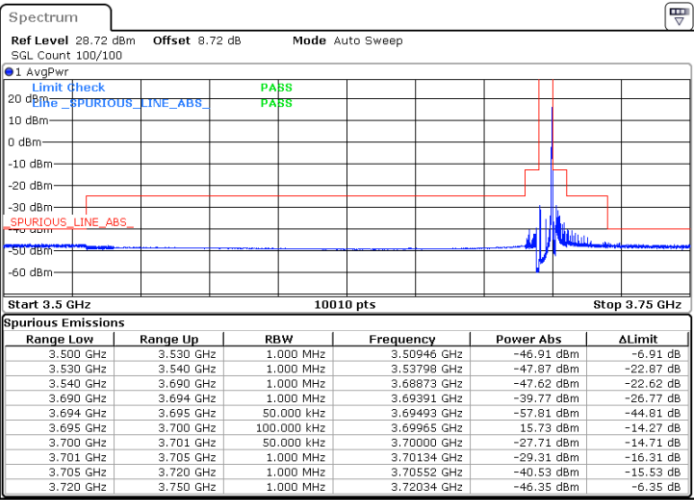
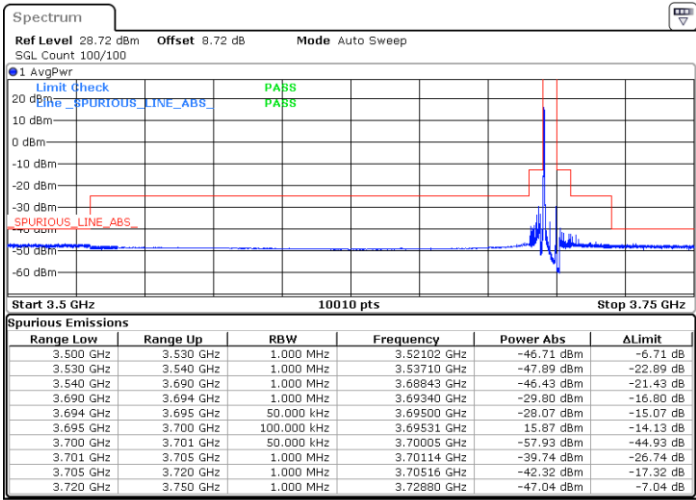


LTE Band 48 / 5MHz

256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

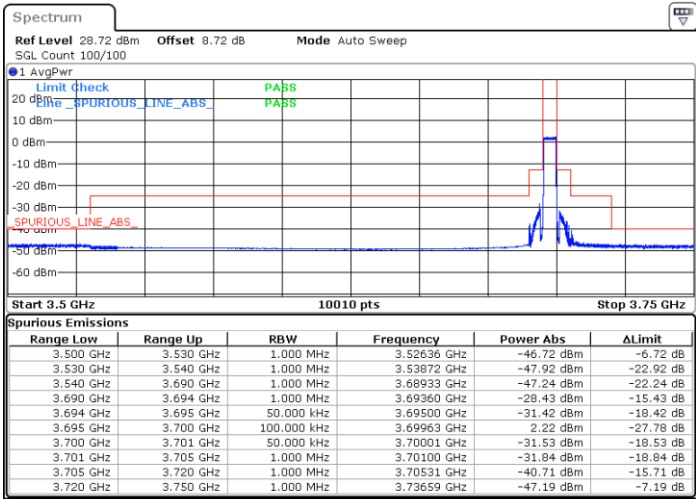


Date: 9.NOV.2022 16:21:58

Date: 9.NOV.2022 16:27:24

Highest Channel / FullIRB

N/A



Date: 9.NOV.2022 16:32:52

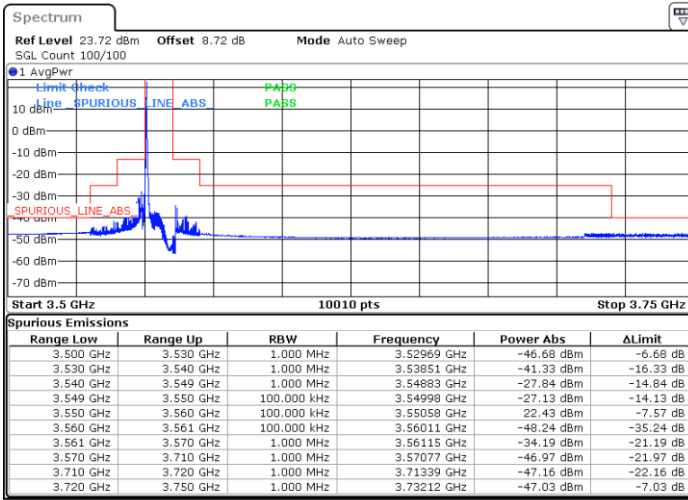


LTE Band 48 / 10MHz

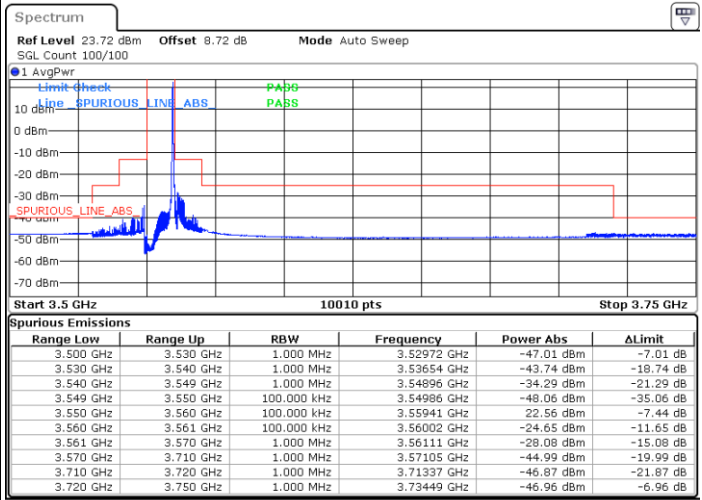
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



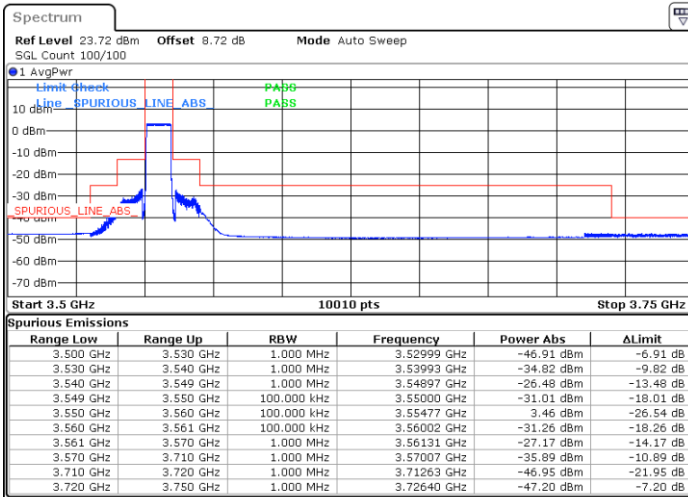
Date: 9.NOV.2022 16:36:13



Date: 9.NOV.2022 16:41:40

Lowest Channel / FullRB

N/A



Date: 9.NOV.2022 16:47:06