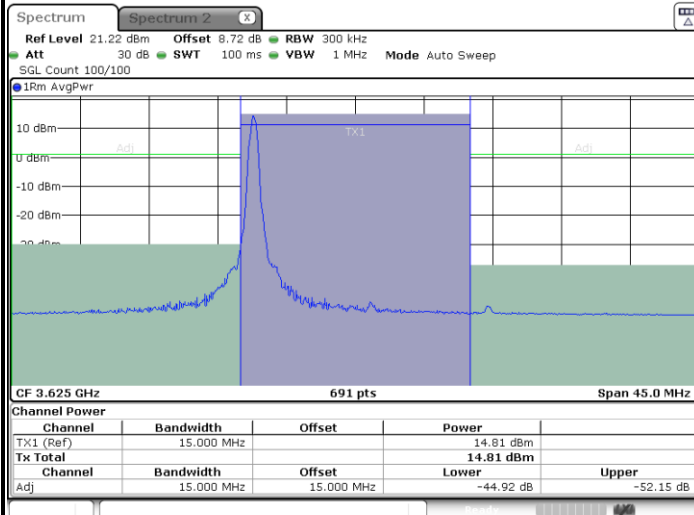




LTE Band 48 / 15MHz

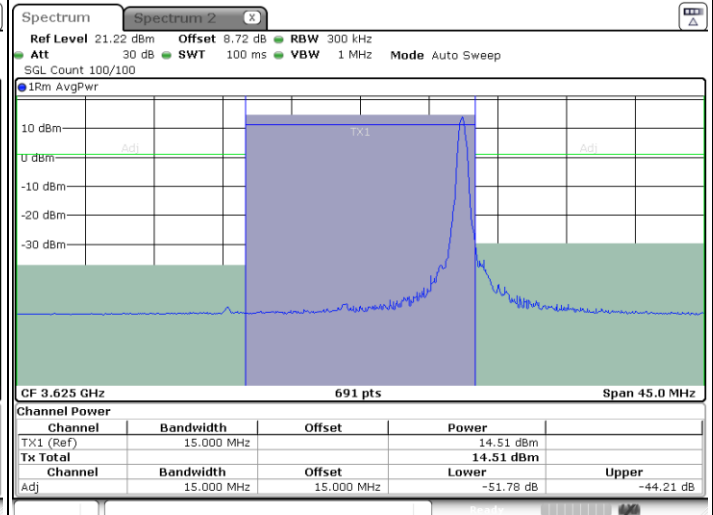
16QAM

Middle Channel / 1RB0



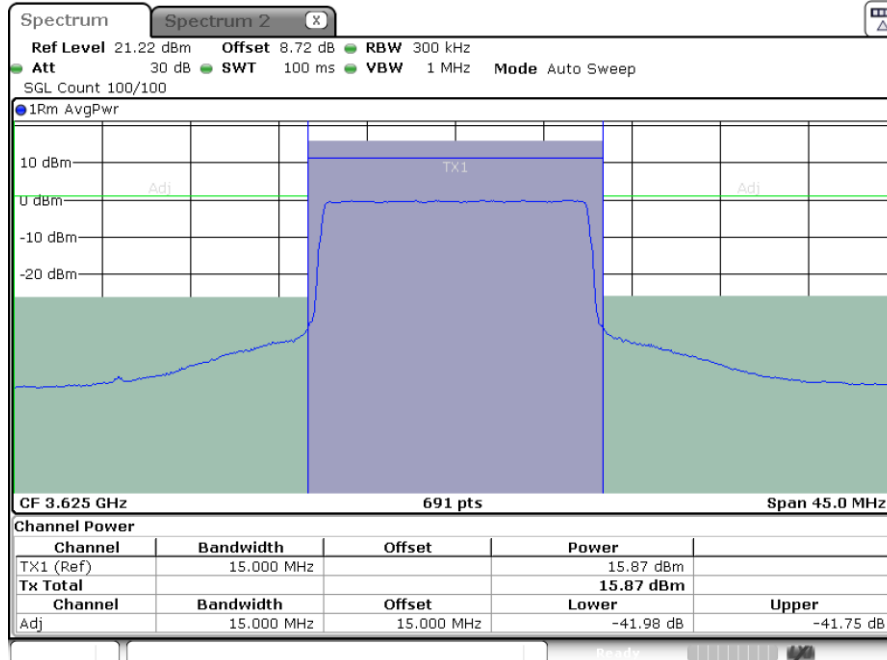
Date: 23.OCT.2024 12:11:48

Middle Channel / 1RBmax



Date: 23.OCT.2024 12:14:16

Middle Channel / FullRB



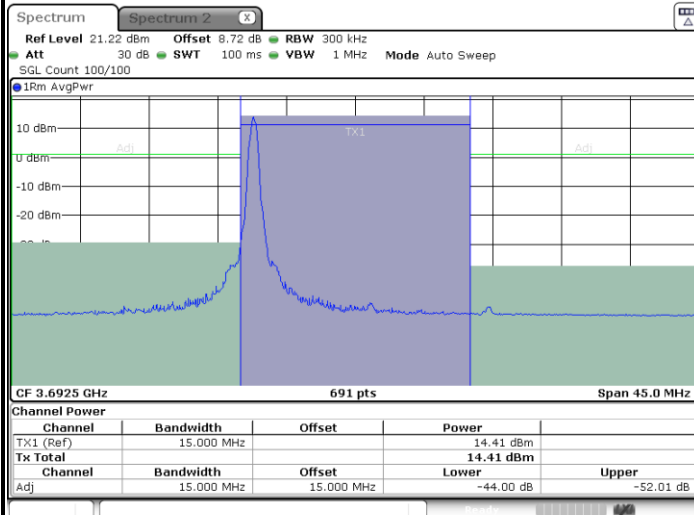
Date: 23.OCT.2024 12:16:43



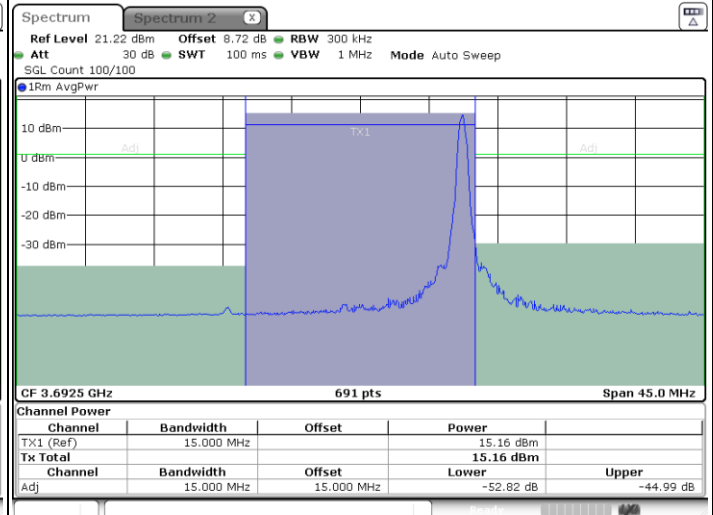
LTE Band 48 / 15MHz

16QAM

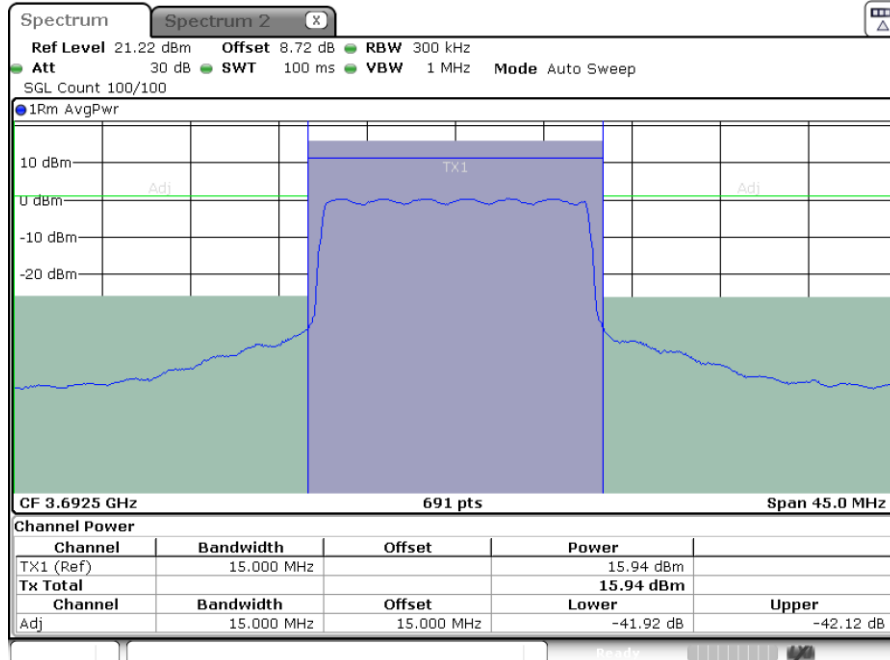
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

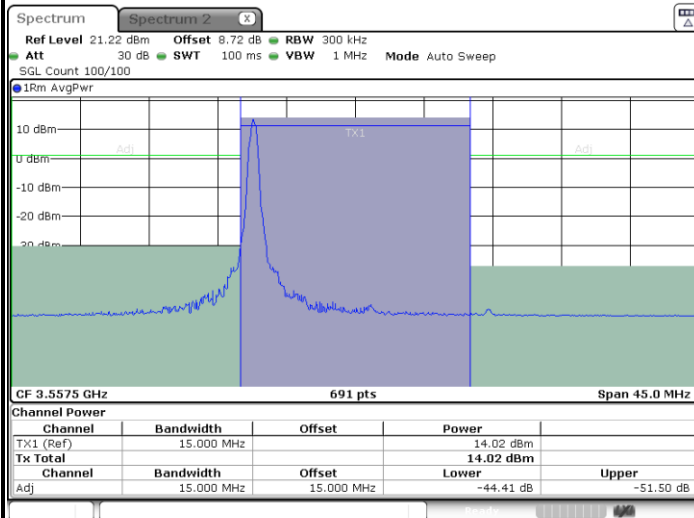




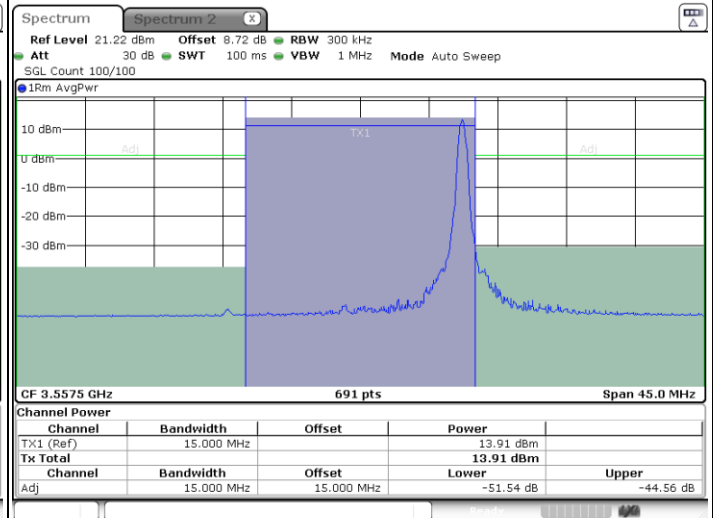
LTE Band 48 / 15MHz

64QAM

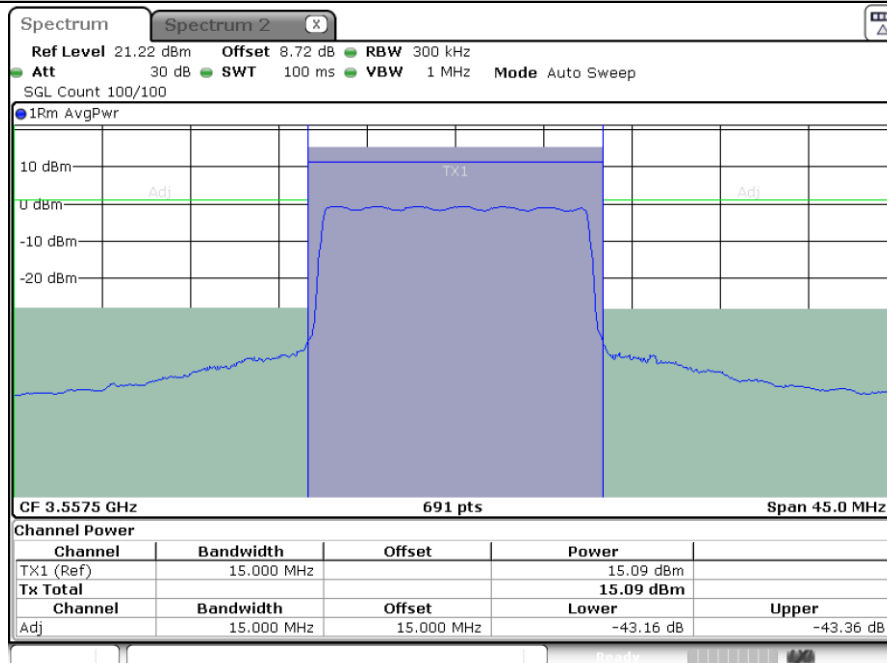
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB

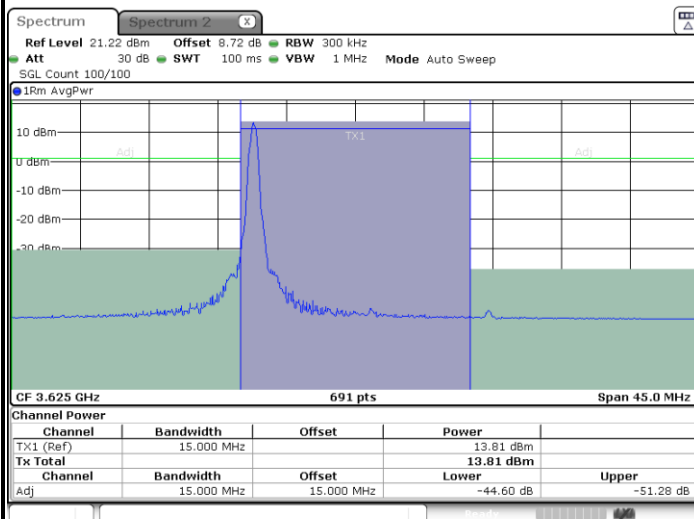




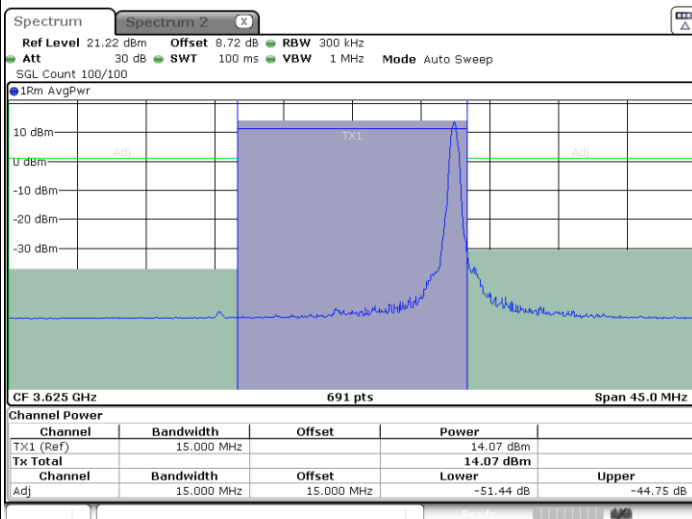
LTE Band 48 / 15MHz

64QAM

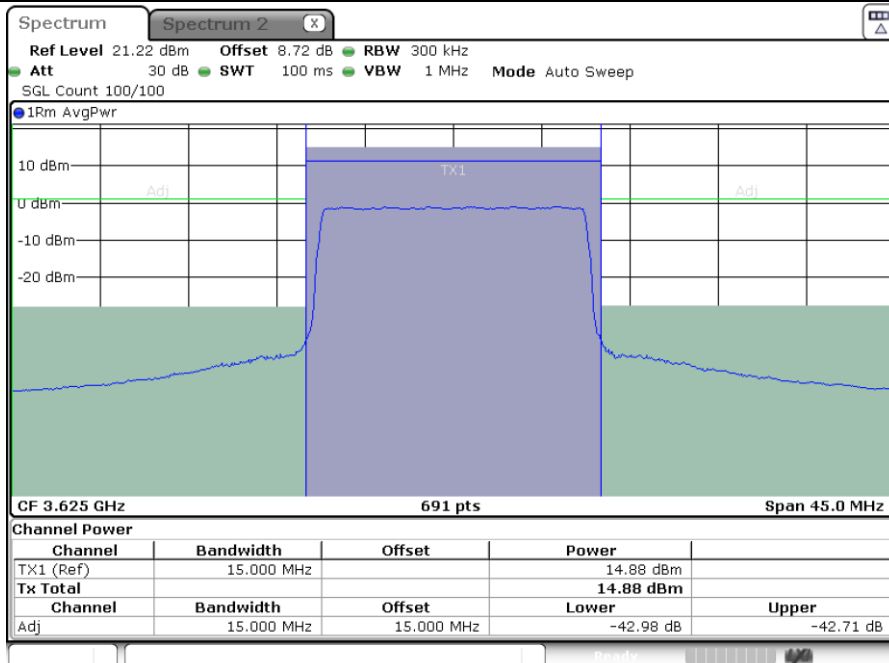
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

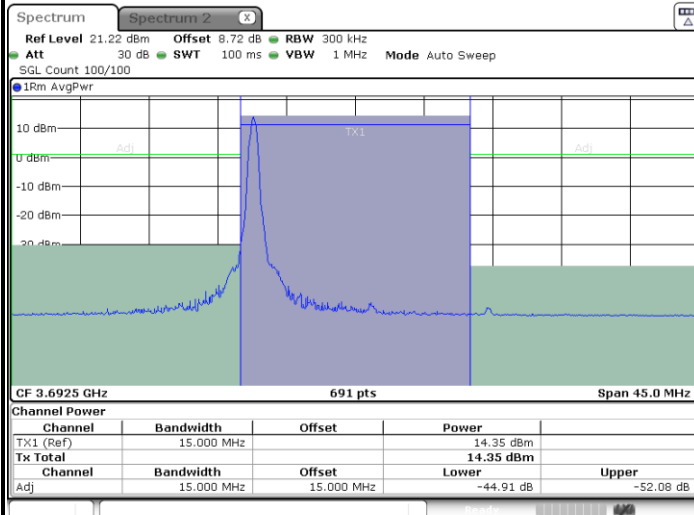




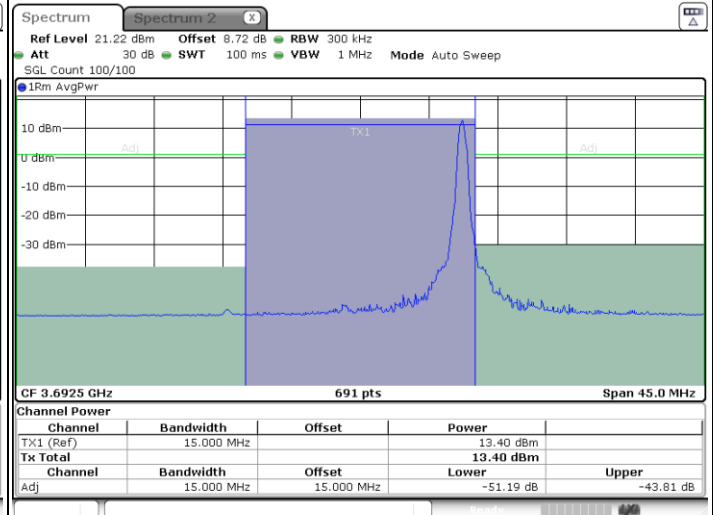
LTE Band 48 / 15MHz

64QAM

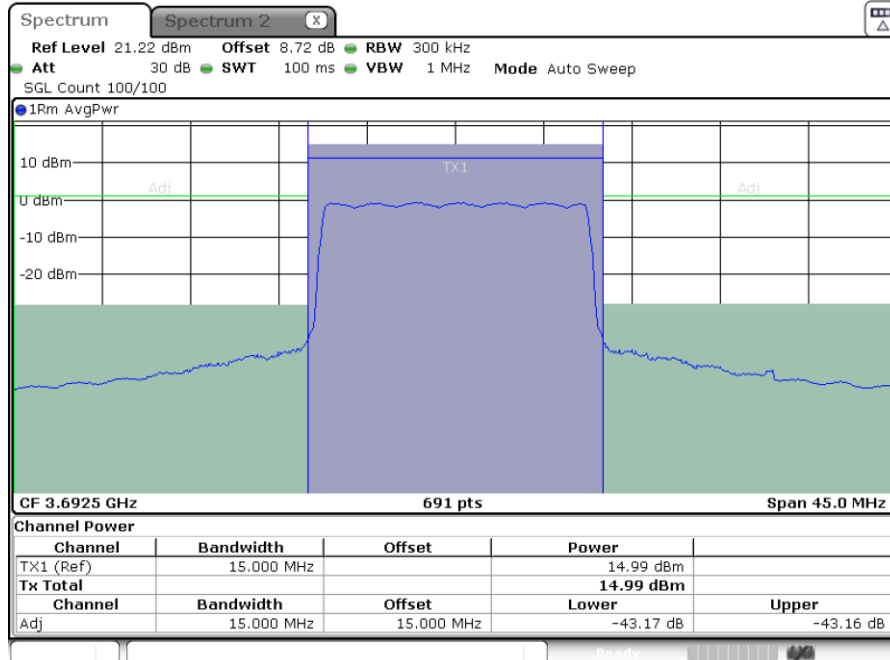
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

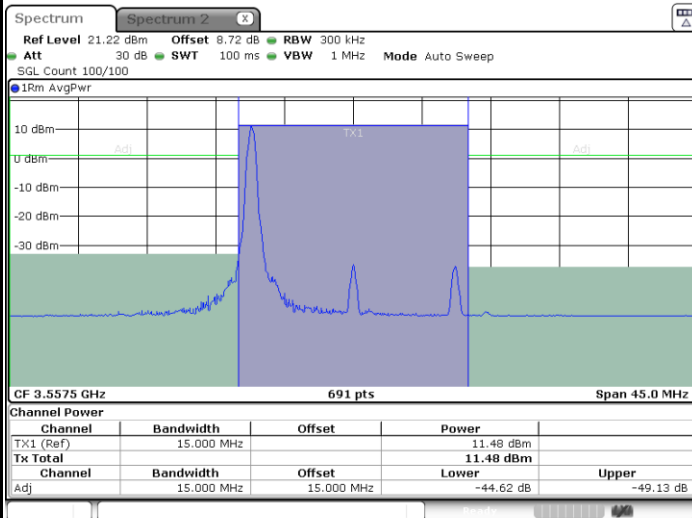




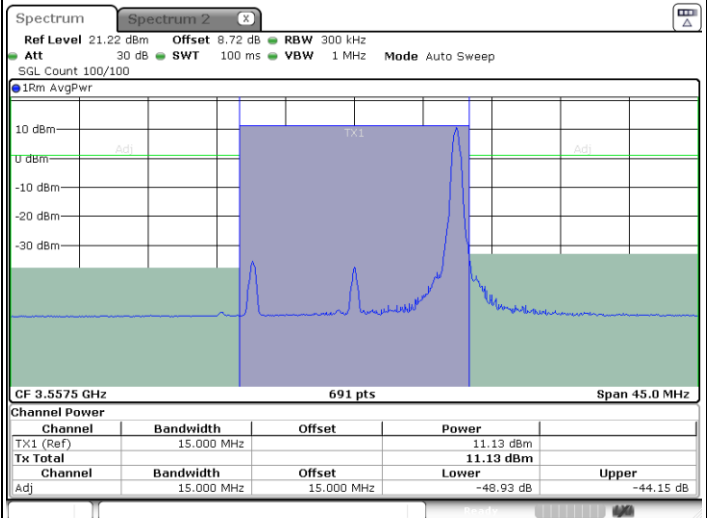
LTE Band 48 / 15MHz

256QAM

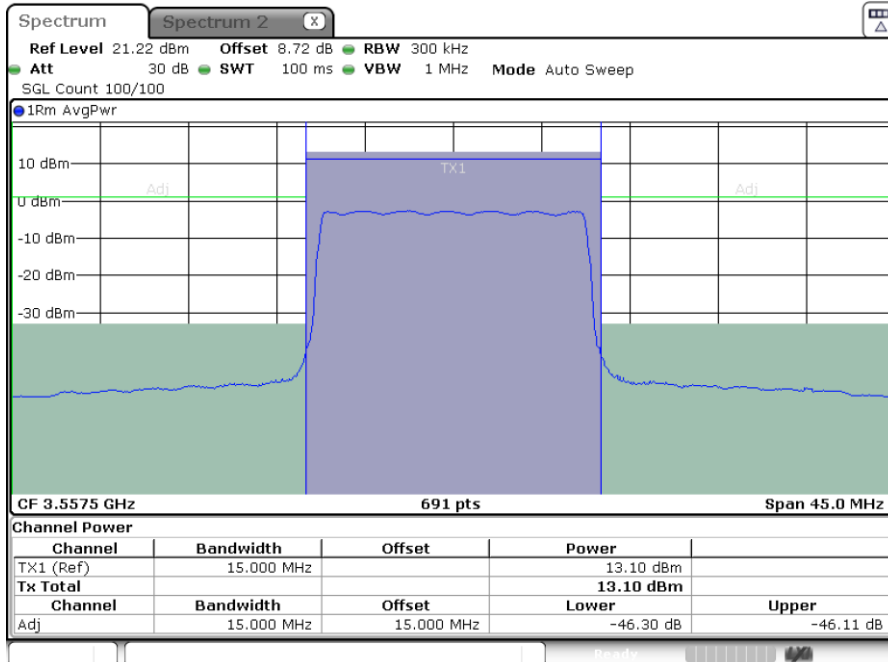
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB

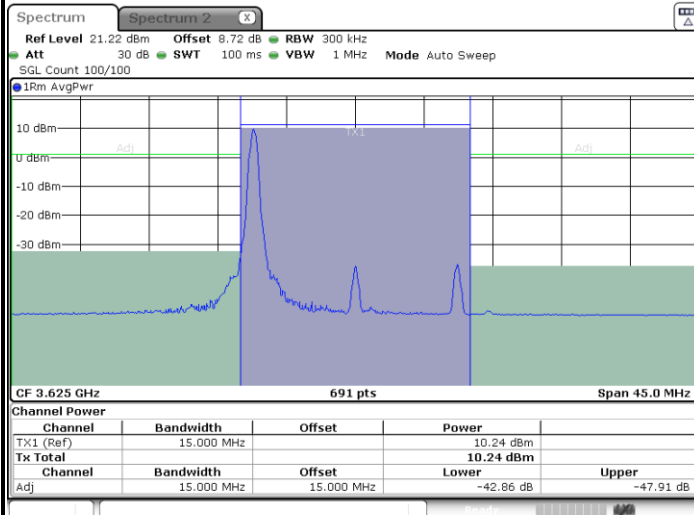




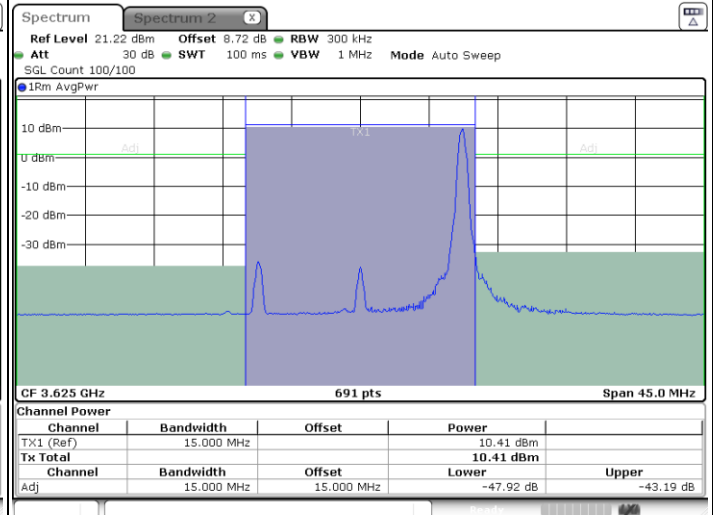
LTE Band 48 / 15MHz

256QAM

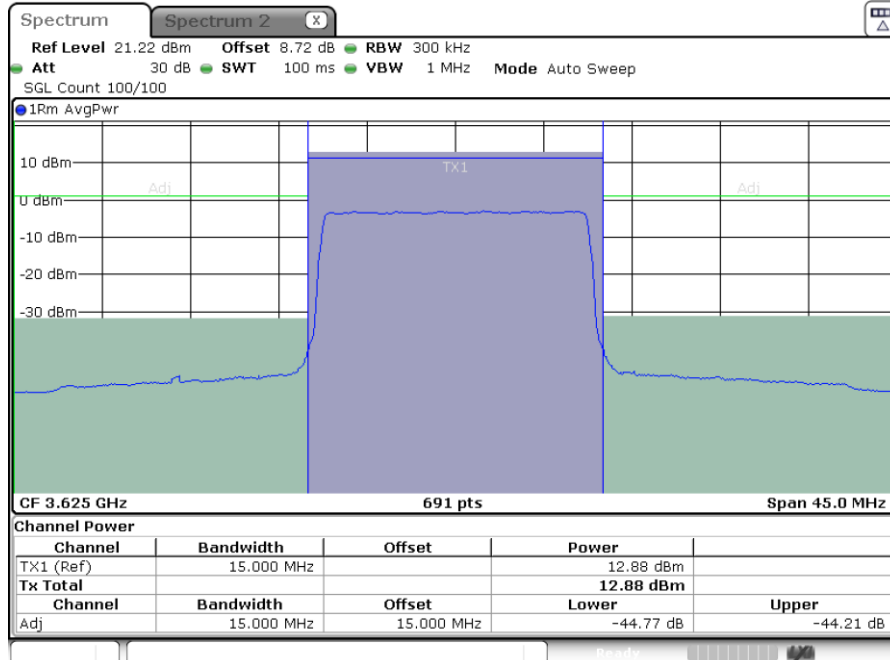
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

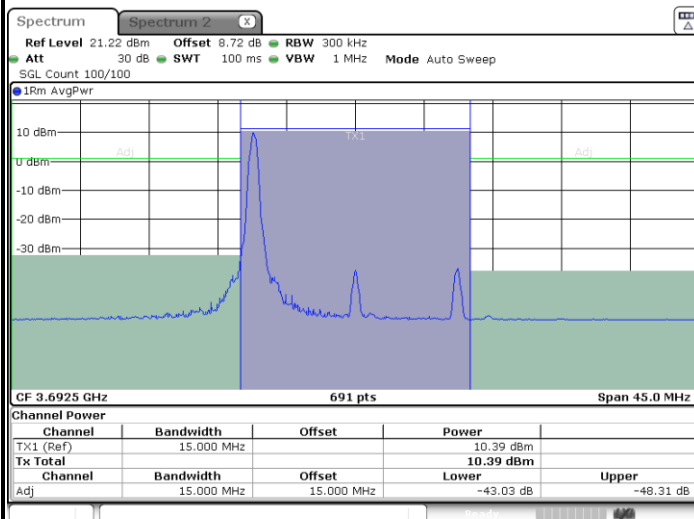




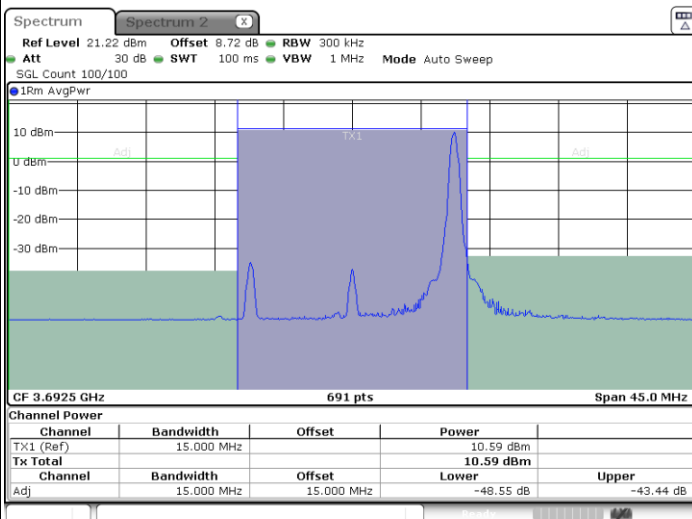
LTE Band 48 / 15MHz

256QAM

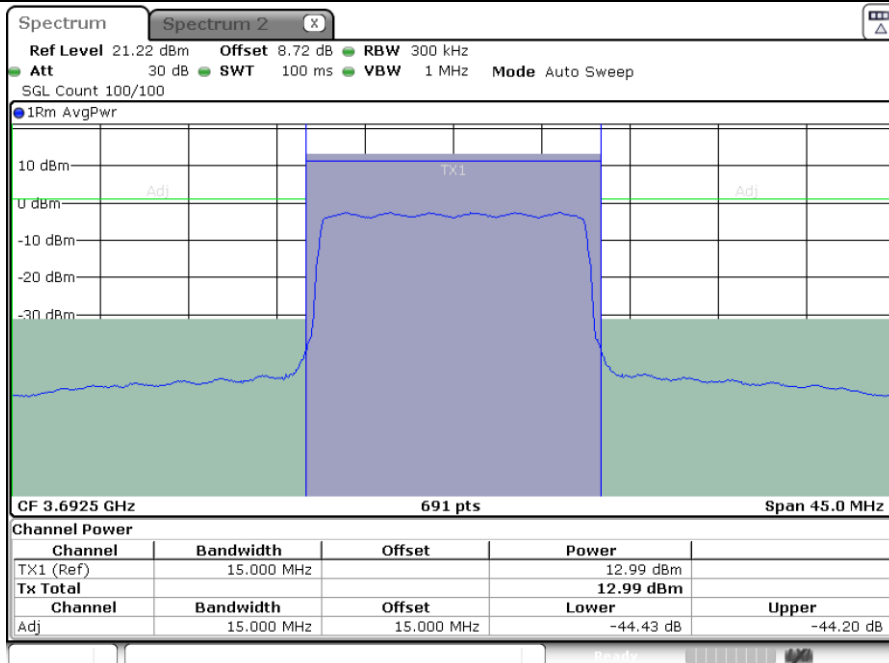
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

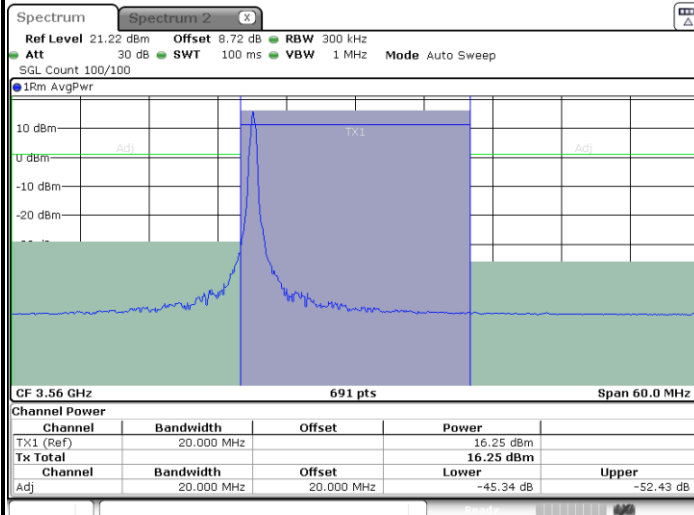




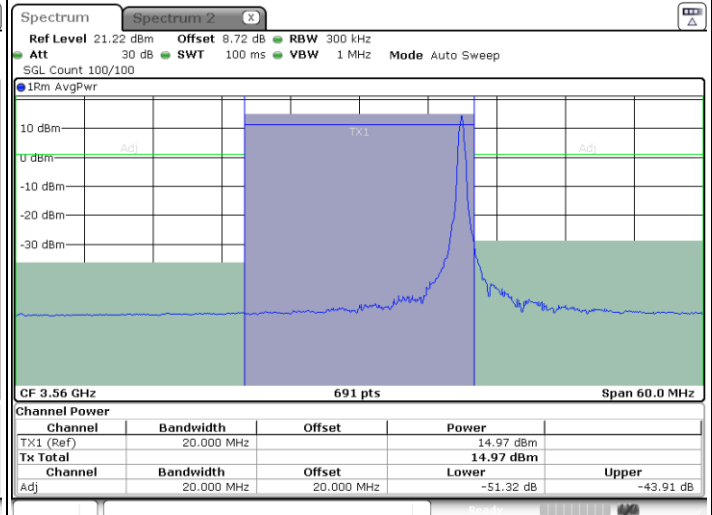
LTE Band 48 / 20MHz

QPSK

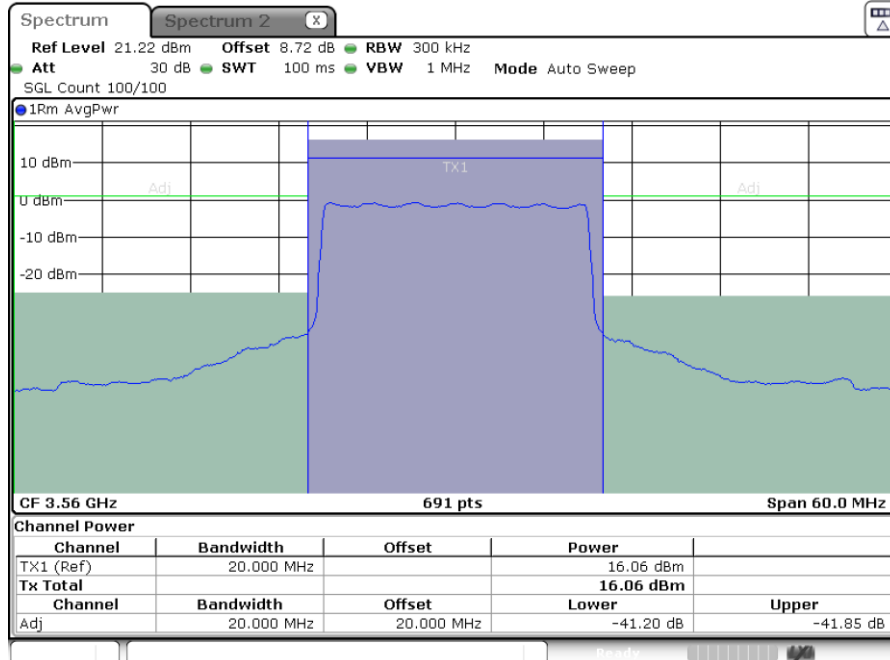
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullIRB

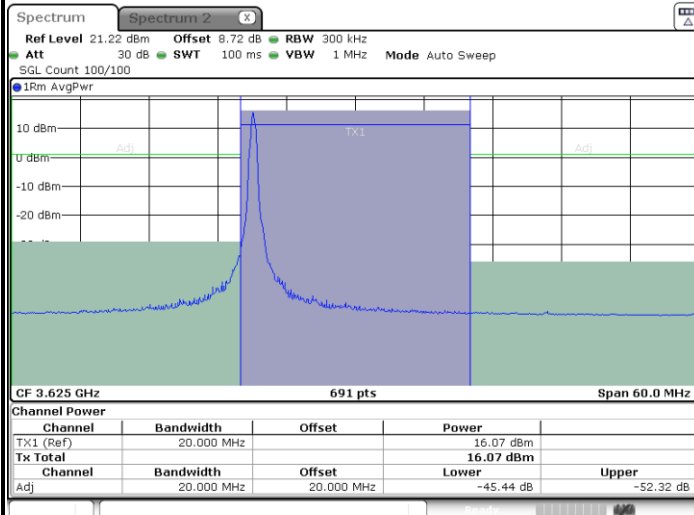




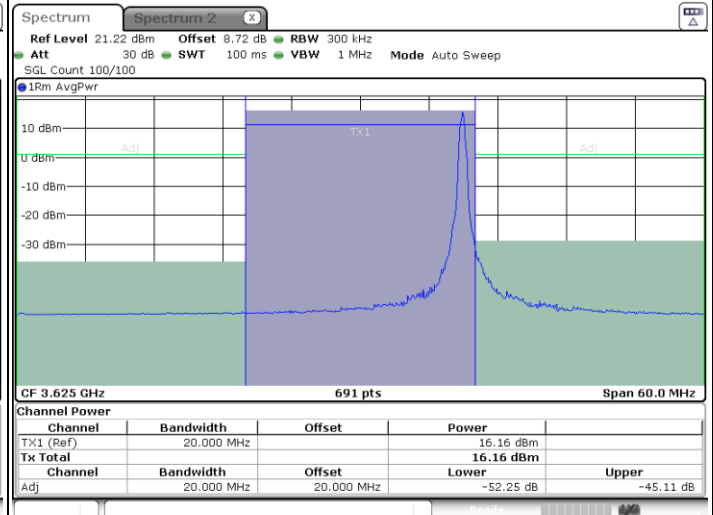
LTE Band 48 / 20MHz

QPSK

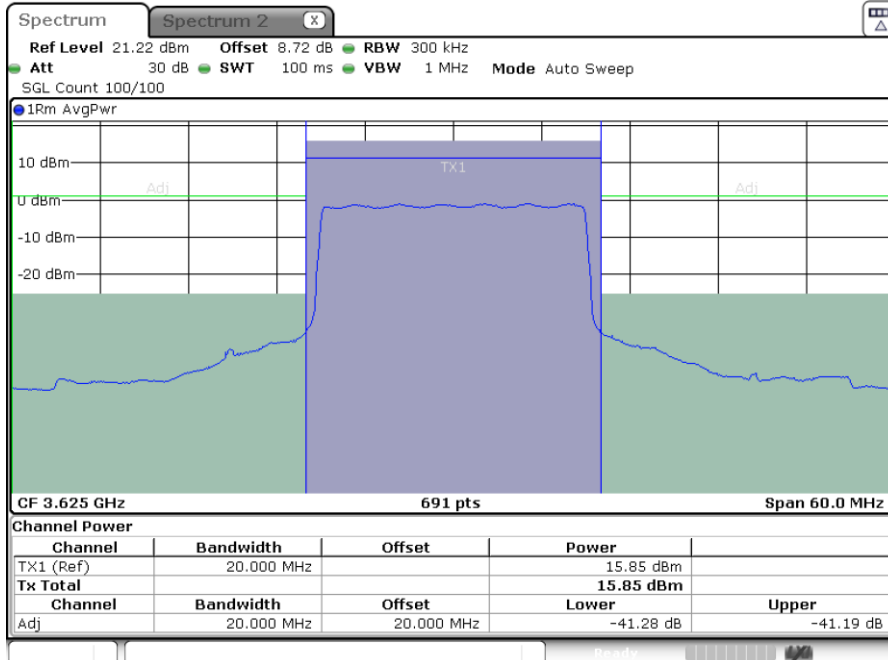
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

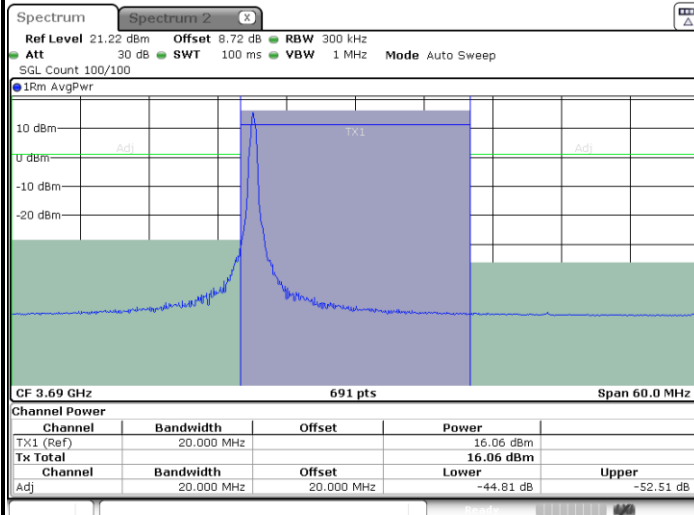




LTE Band 48 / 20MHz

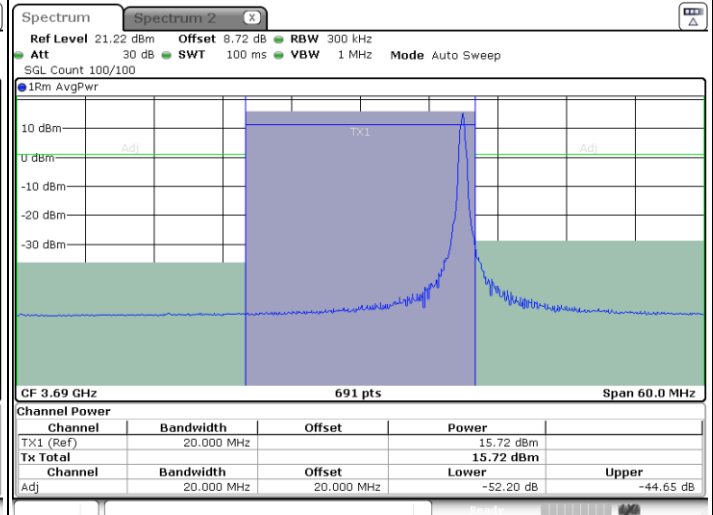
QPSK

Highest Channel / 1RB0



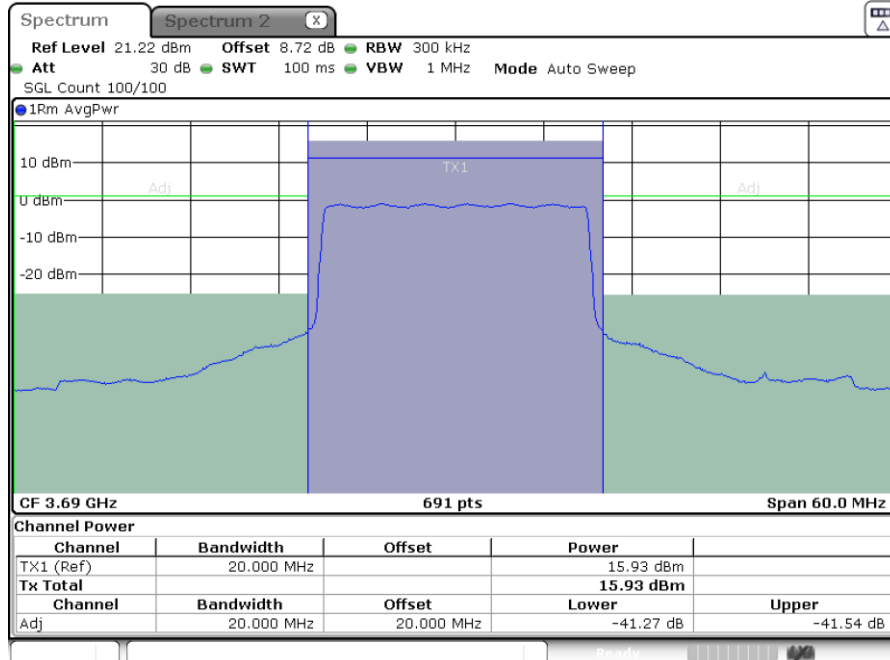
Date: 23.OCT.2024 12:41:01

Highest Channel / 1RBmax



Date: 23.OCT.2024 12:43:32

Highest Channel / FullRB



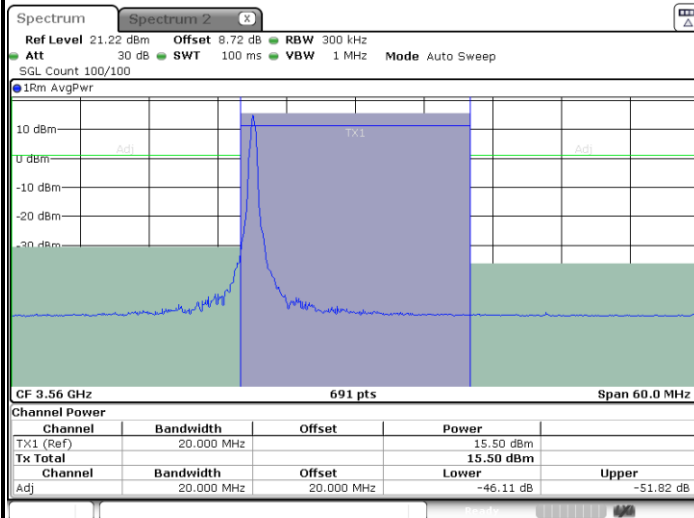
Date: 23.OCT.2024 12:46:02



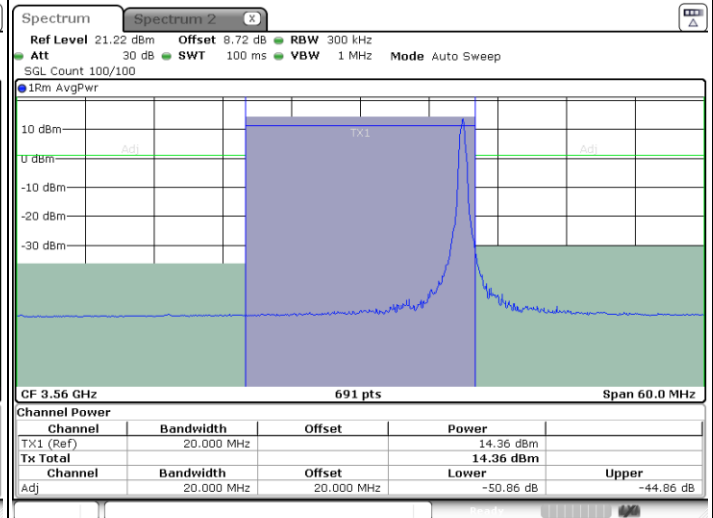
LTE Band 48 / 20MHz

16QAM

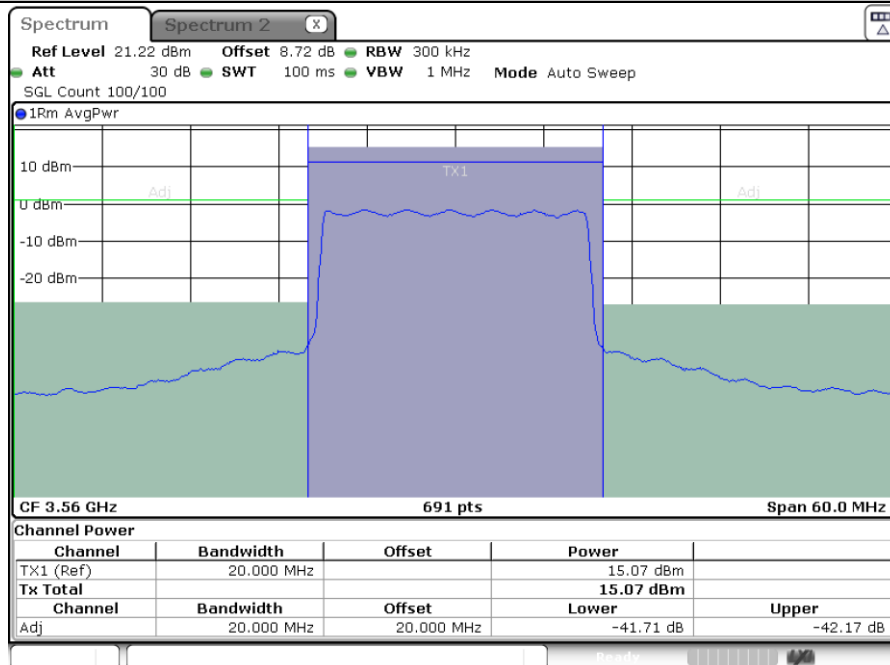
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB

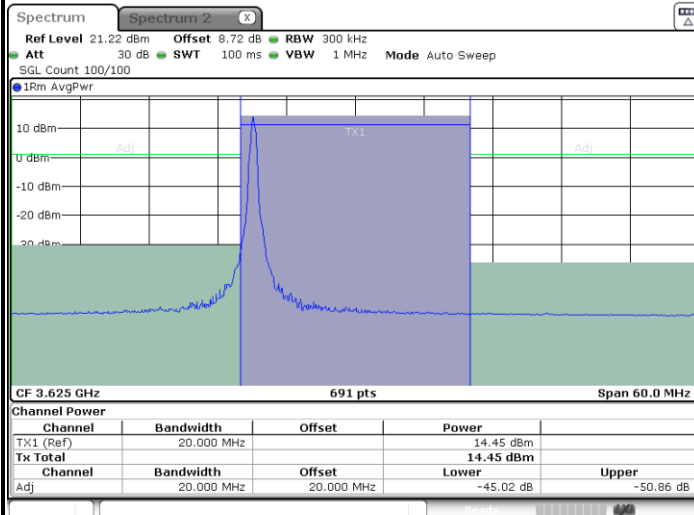




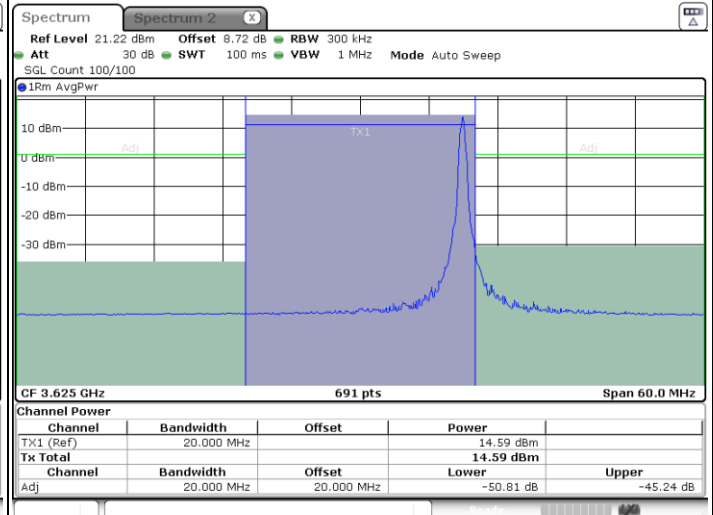
LTE Band 48 / 20MHz

16QAM

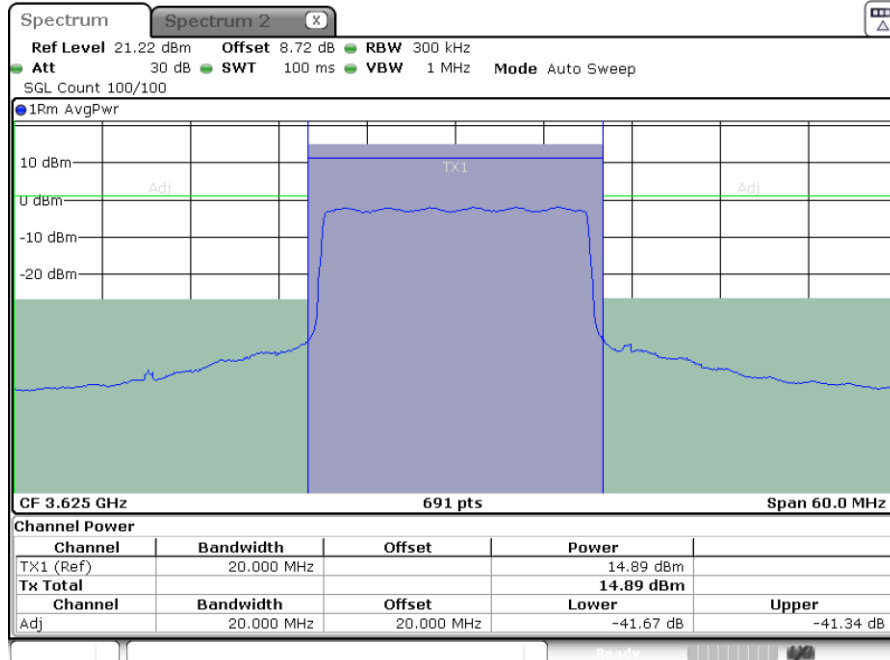
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

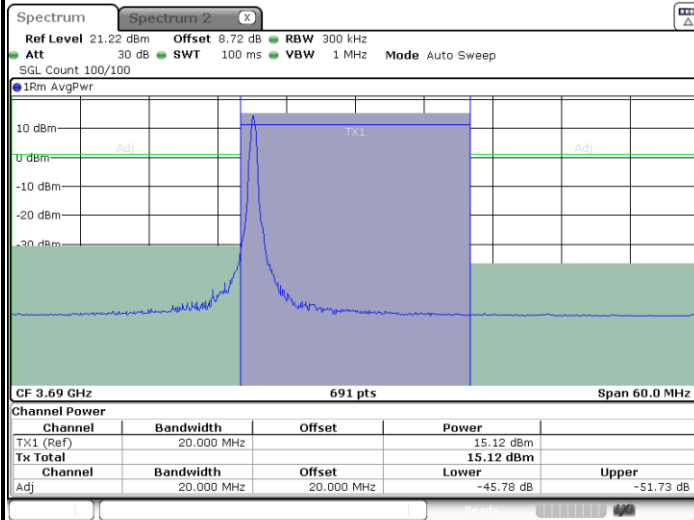




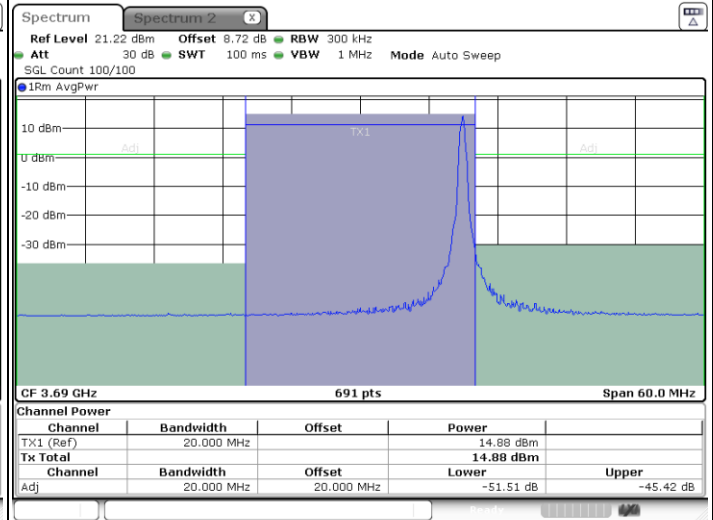
LTE Band 48 / 20MHz

16QAM

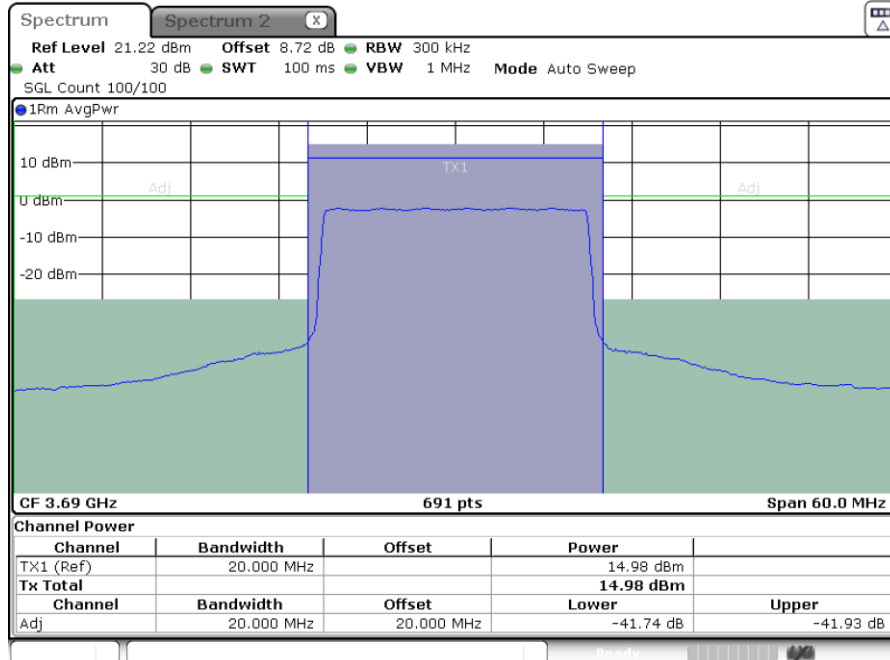
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

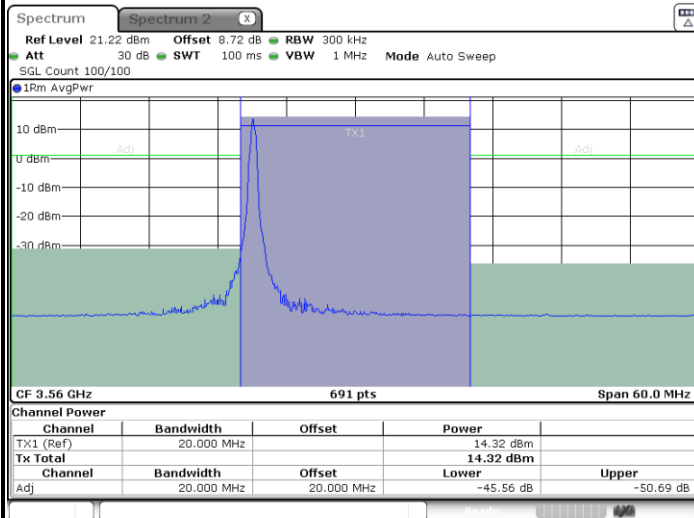




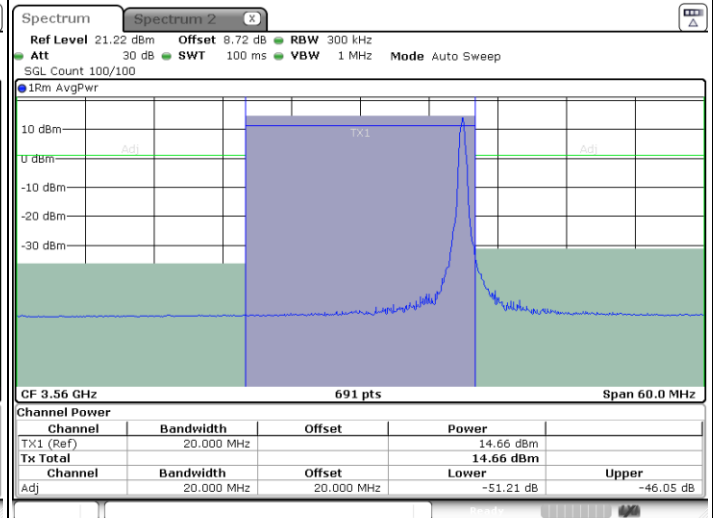
LTE Band 48 / 20MHz

64QAM

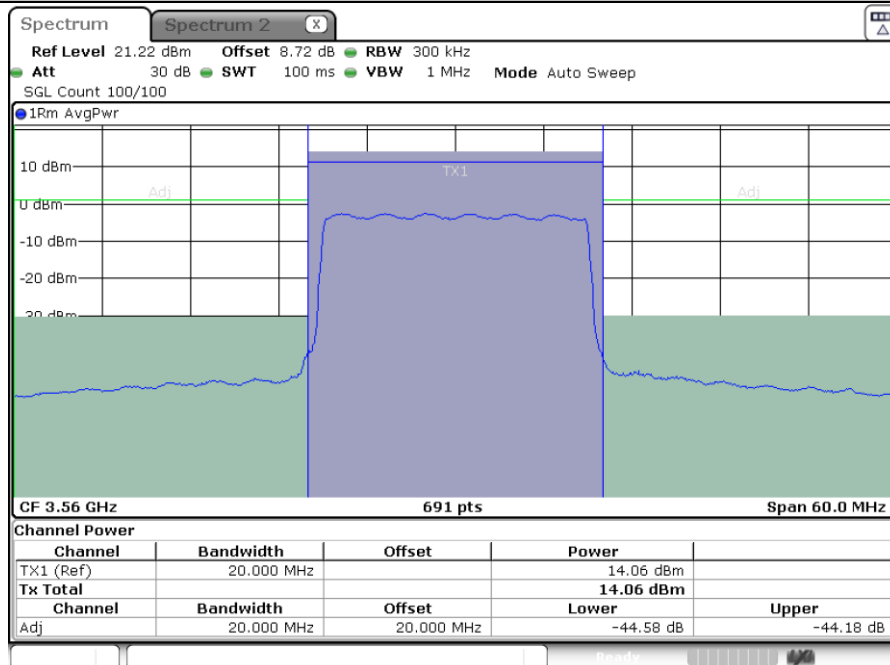
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB

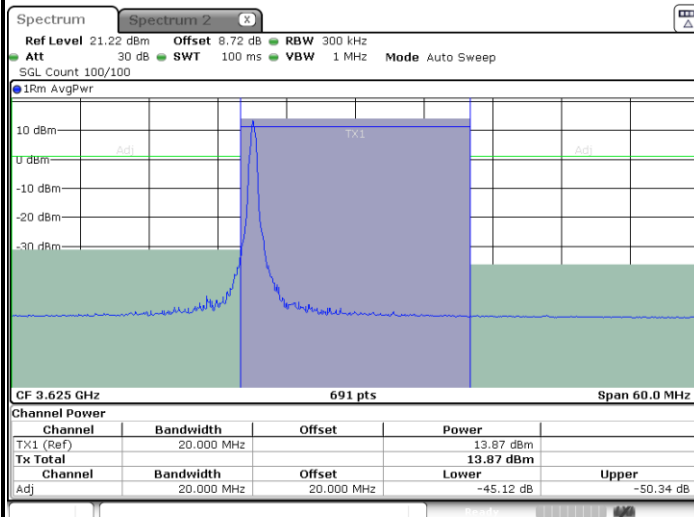




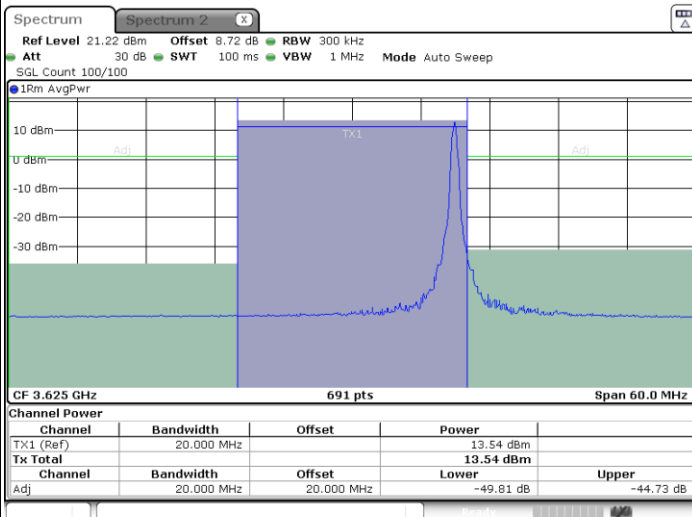
LTE Band 48 / 20MHz

64QAM

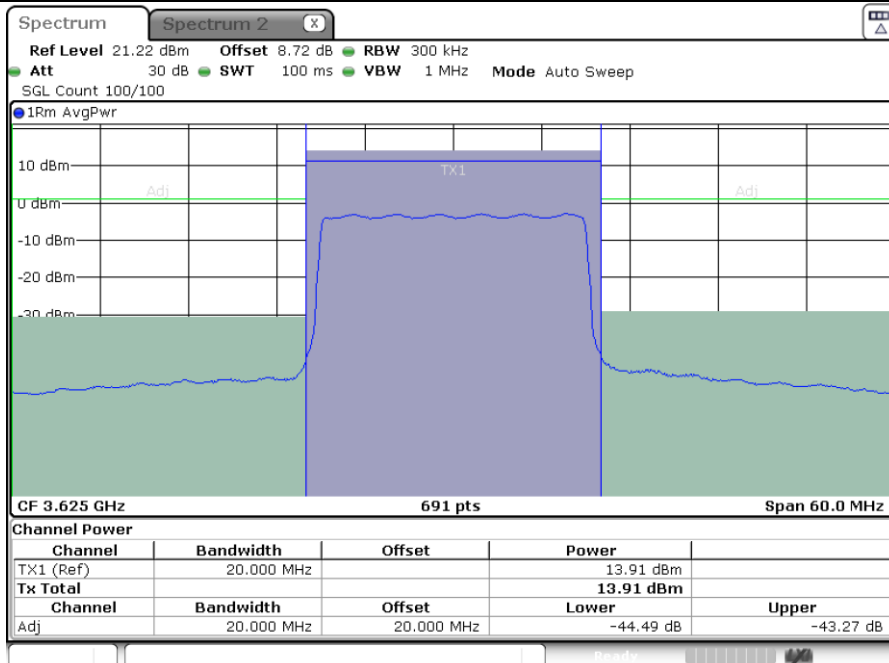
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

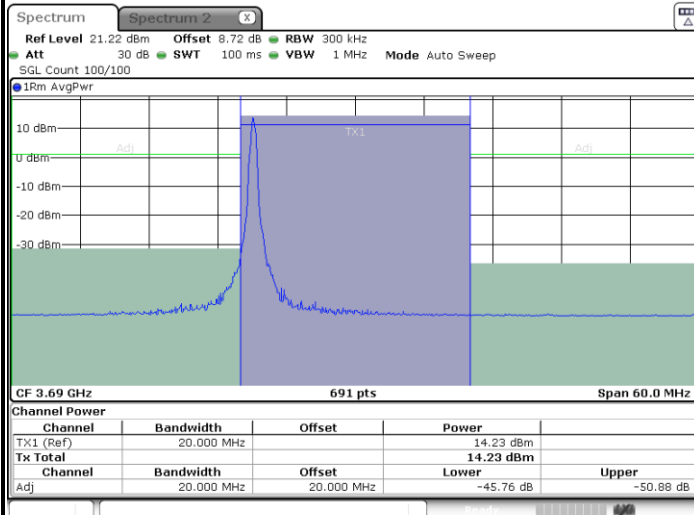




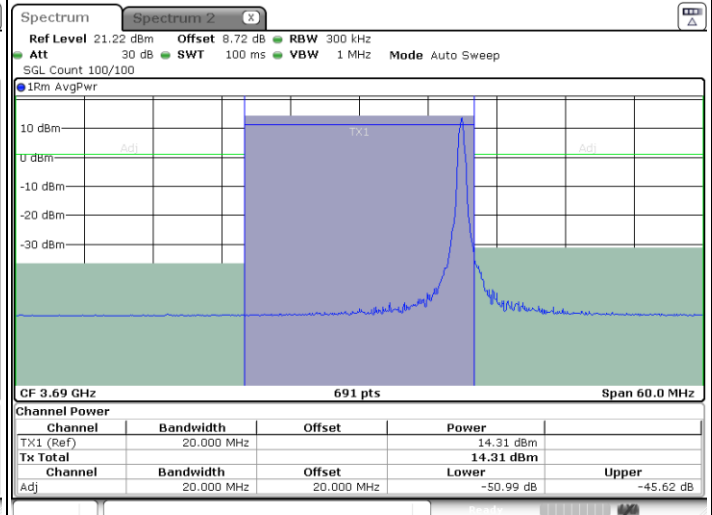
LTE Band 48 / 20MHz

64QAM

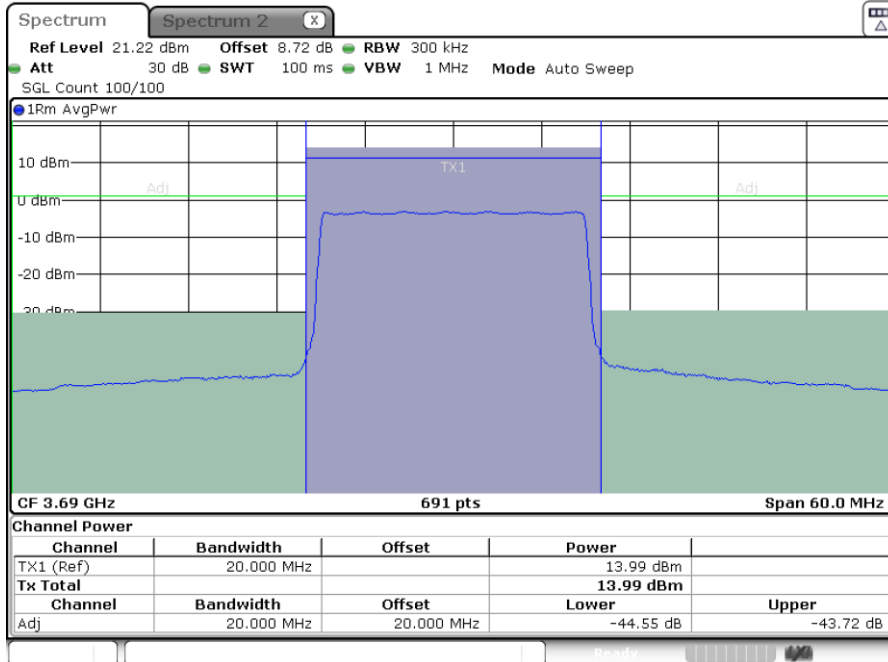
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

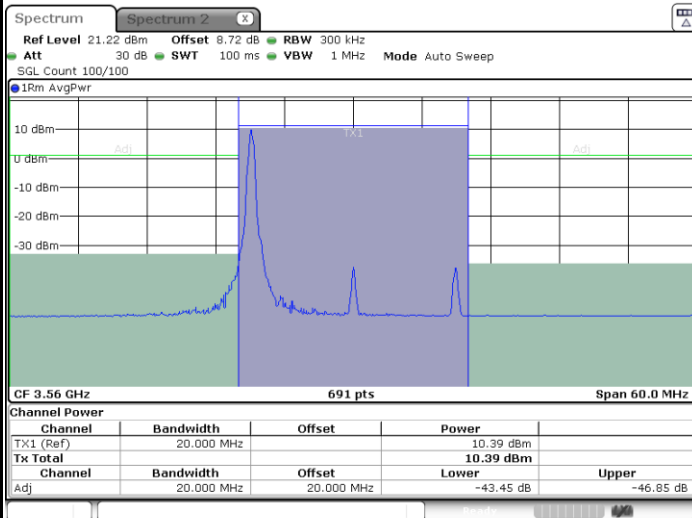




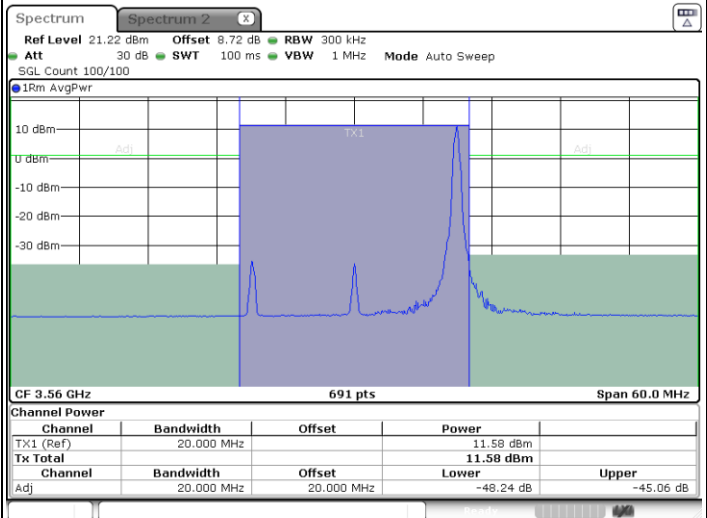
LTE Band 48 / 20MHz

256QAM

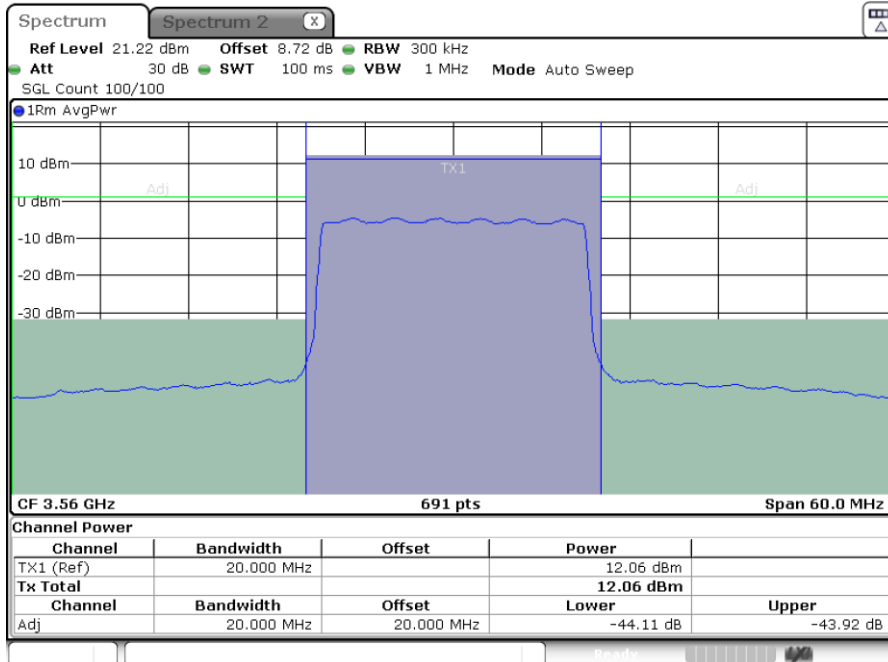
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB



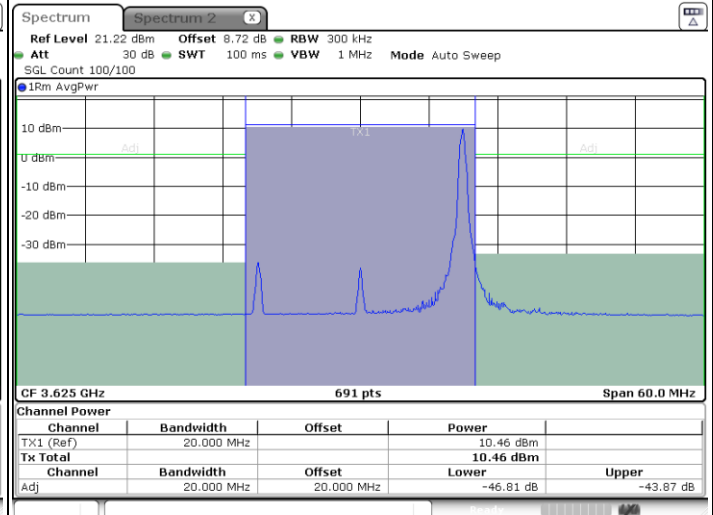
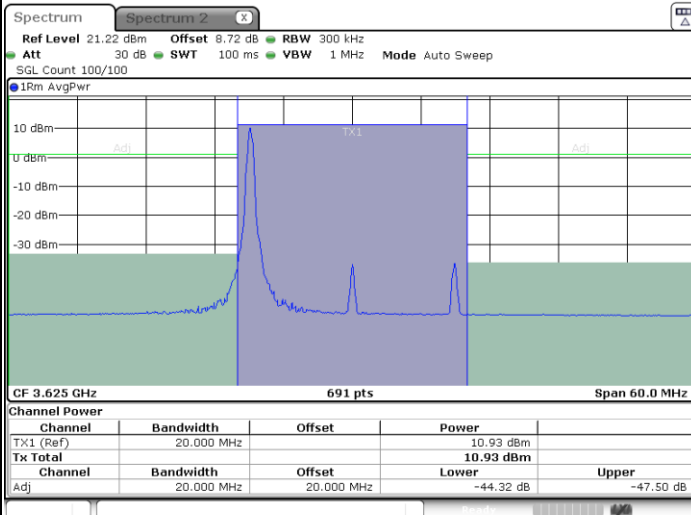


LTE Band 48 / 20MHz

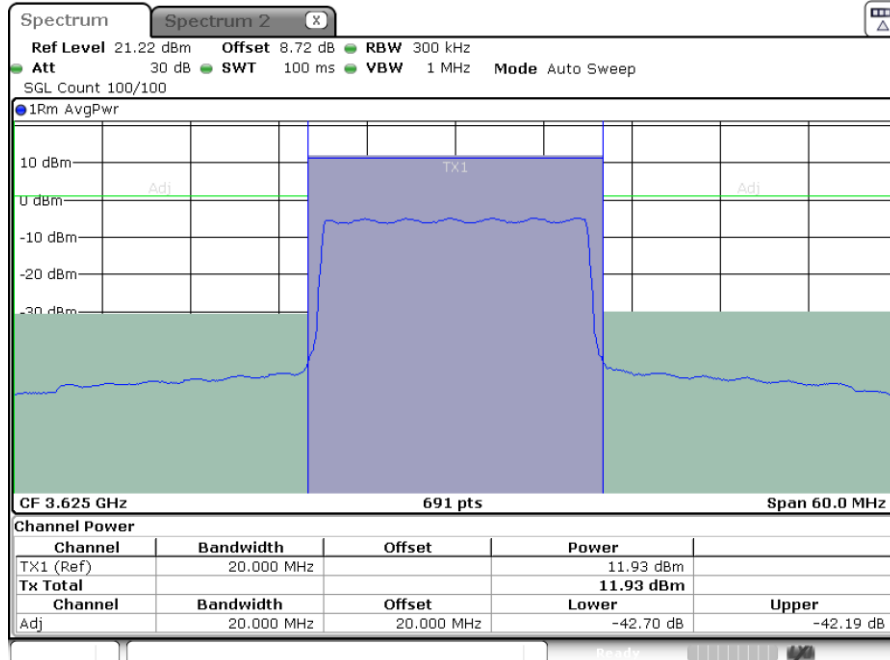
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



Middle Channel / FullRB

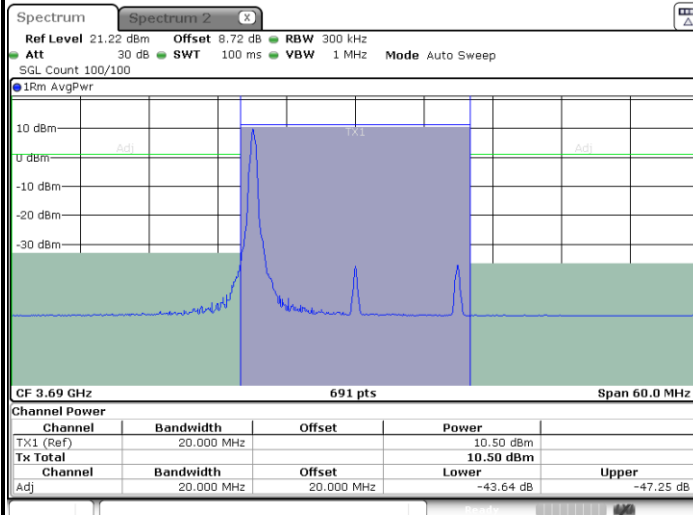




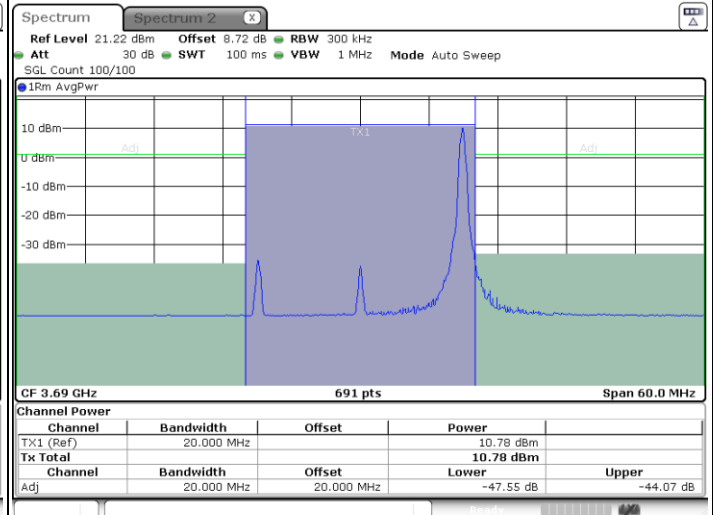
LTE Band 48 / 20MHz

256QAM

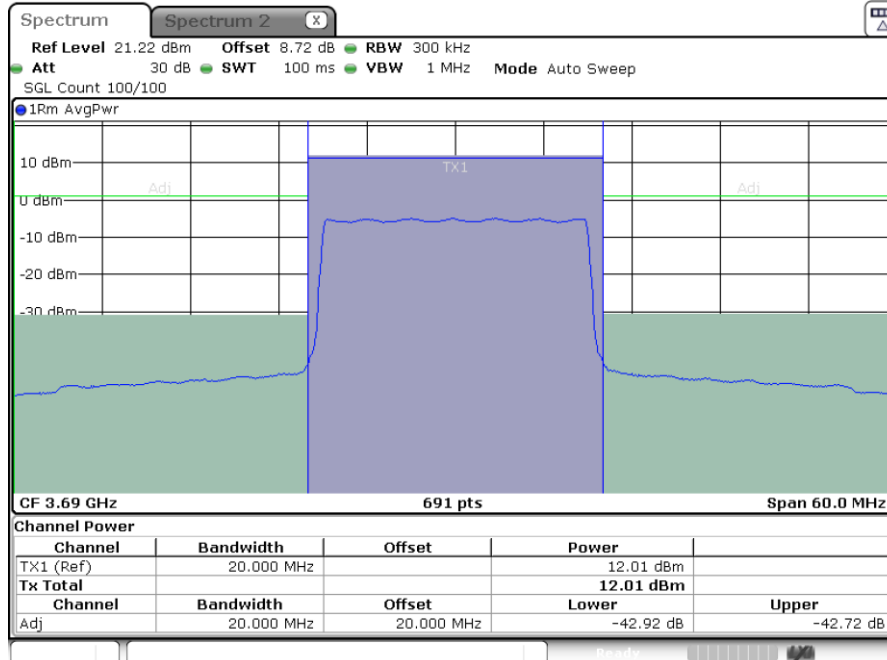
Highest Channel / 1RB0



Highest Channel / 1RBmax

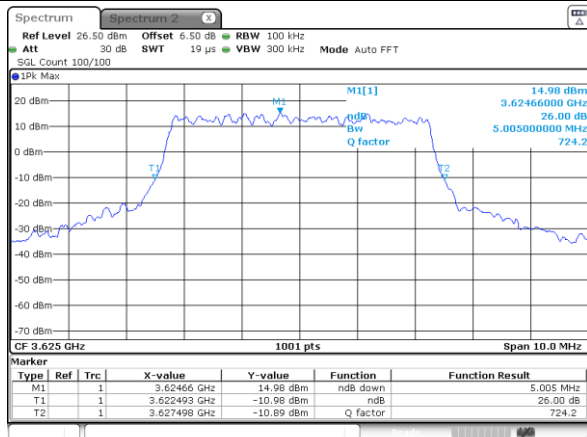


Highest Channel / FullRB

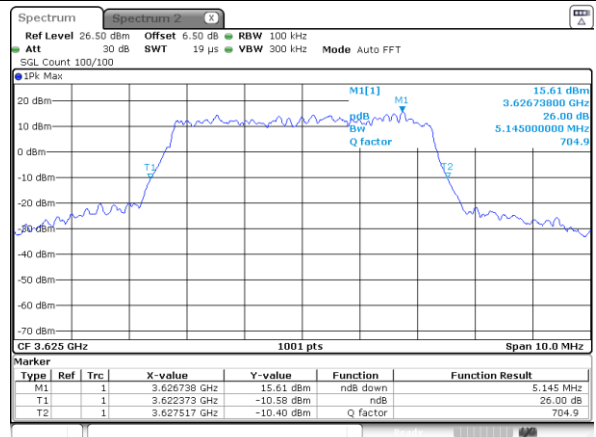


**26dB Bandwidth**

Mode	LTE Band 48 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.01	5.15
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.67	9.67
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.78	14.60
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.82	19.06

LTE Band 48 5MHz / Middle channel / Full RB**QPSK**

Date: 23.OCT.2024 14:12:47

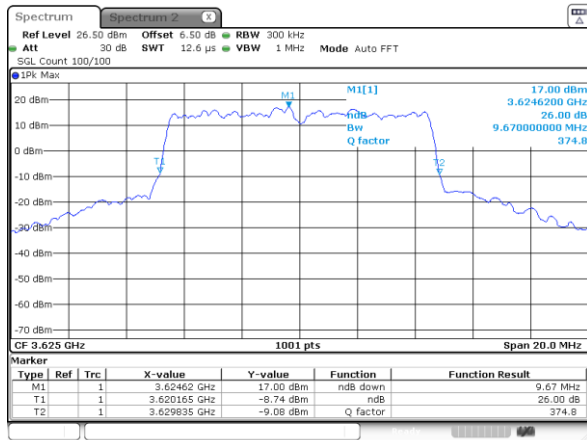
16QAM

Date: 23.OCT.2024 14:13:57



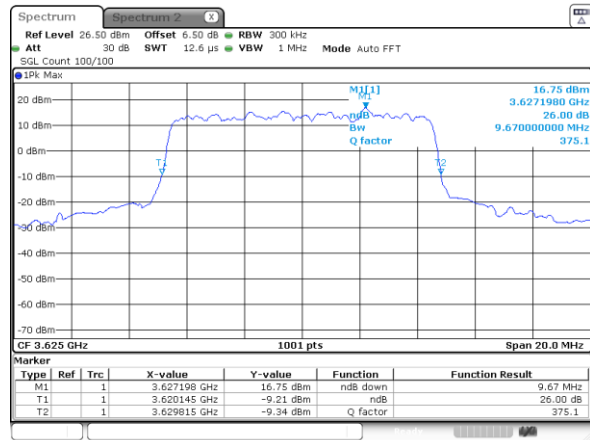
LTE Band 48 10MHz / Middle channel / Full RB

QPSK



Date: 23.OCT.2024 14:15:22

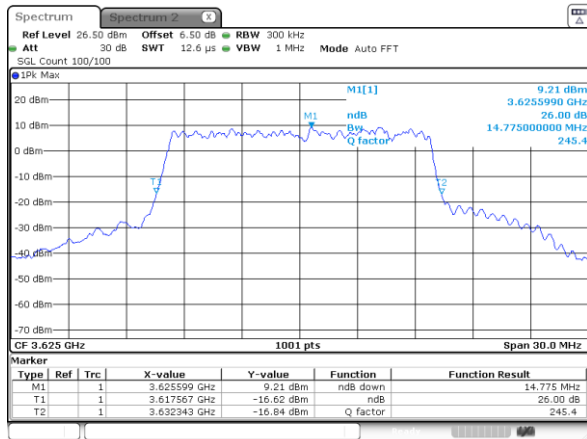
16QAM



Date: 23.OCT.2024 14:15:01

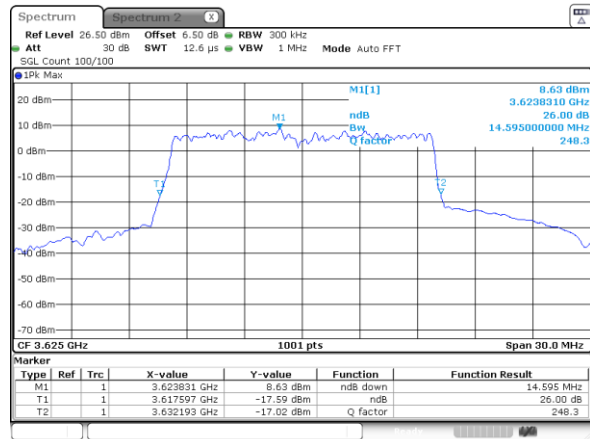
LTE Band 48 15MHz / Middle channel / Full RB

QPSK



Date: 23.OCT.2024 14:16:26

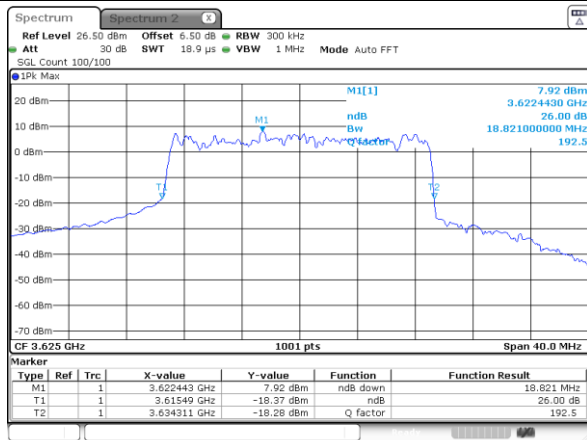
16QAM



Date: 23.OCT.2024 14:16:47

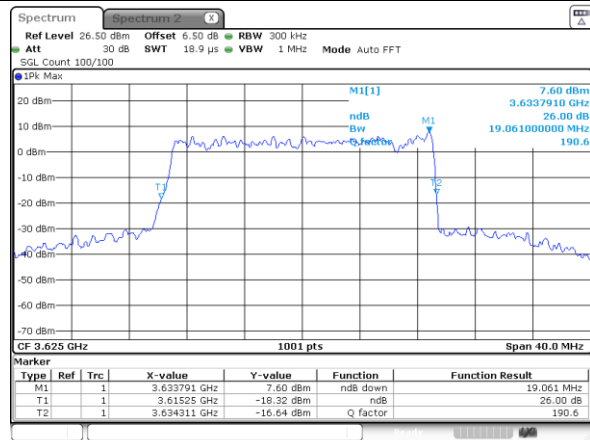
LTE Band 48 20MHz / Middle channel / Full RB

QPSK



Date: 23.OCT.2024 14:17:51

16QAM



Date: 23.OCT.2024 14:18:12

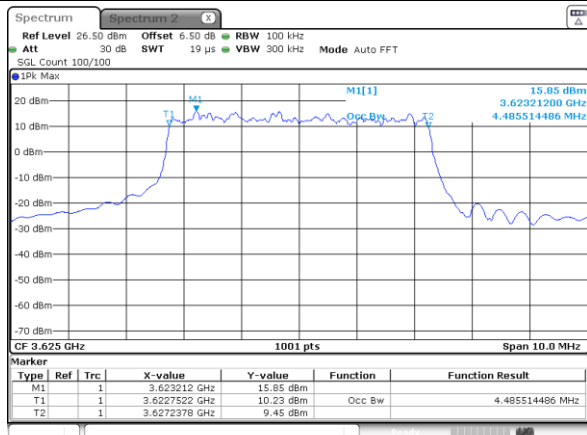


Occupied Bandwidth

Mode	LTE Band 48 : 99%OBW(MHz)	
BW	5MHZ	
Mod.	QPAK	16QAM
Middle CH	4.49	4.48
BW	10MHZ	
Mod.	QPAK	16QAM
Middle CH	9.01	9.05
BW	15MHZ	
Mod.	QPAK	16QAM
Middle CH	13.43	13.46
BW	20MHZ	
Mod.	QPAK	16QAM
Middle CH	17.86	17.82

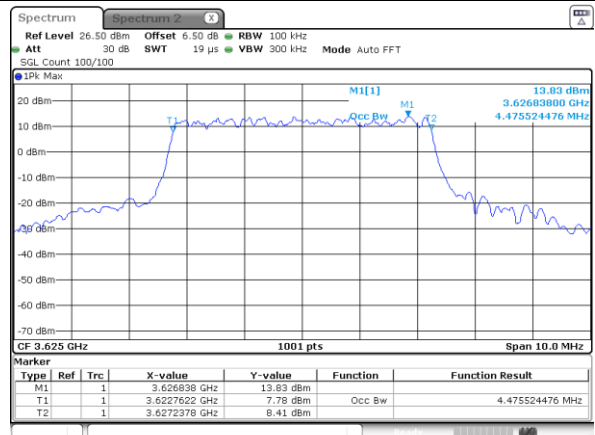
LTE Band 48 5MHz / Middle Channel / Full RB

QPSK



Date: 23.OCT.2024 14:12:26

16QAM

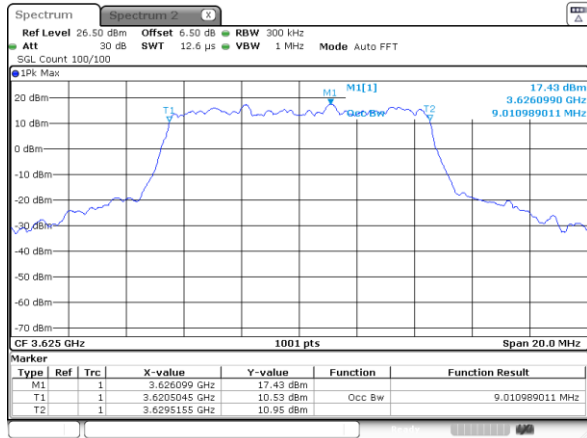


Date: 23.OCT.2024 14:14:19



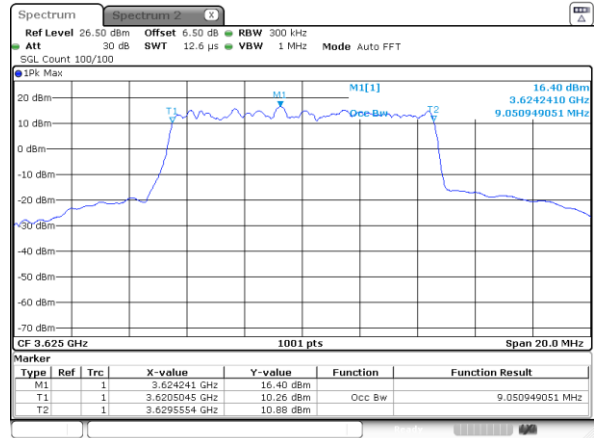
LTE Band 48 10MHz / Middle Channel / Full RB

QPSK



Date: 23.OCT.2024 14:15:43

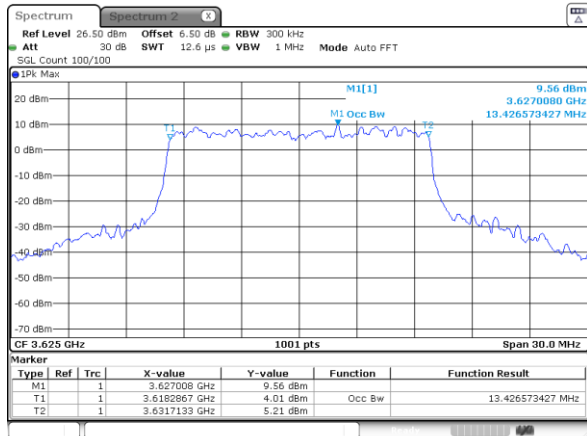
16QAM



Date: 23.OCT.2024 14:14:40

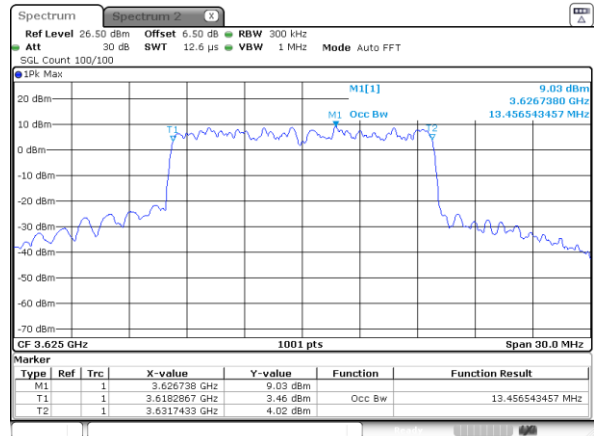
LTE Band 48 15MHz / Middle Channel / Full RB

QPSK



Date: 23.OCT.2024 14:16:05

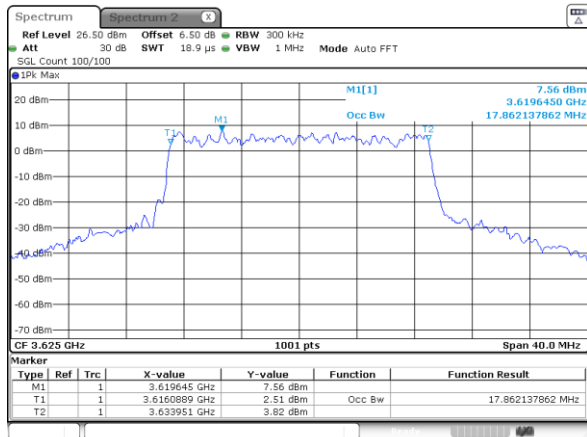
16QAM



Date: 23.OCT.2024 14:17:09

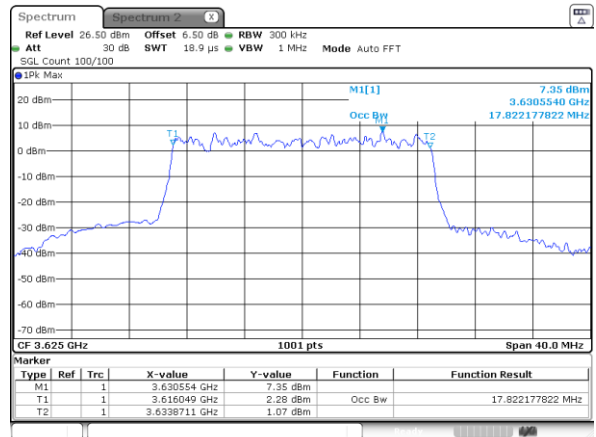
LTE Band 48 20MHz / Middle Channel / Full RB

QPSK



Date: 23.OCT.2024 14:17:30

16QAM



Date: 23.OCT.2024 14:18:34

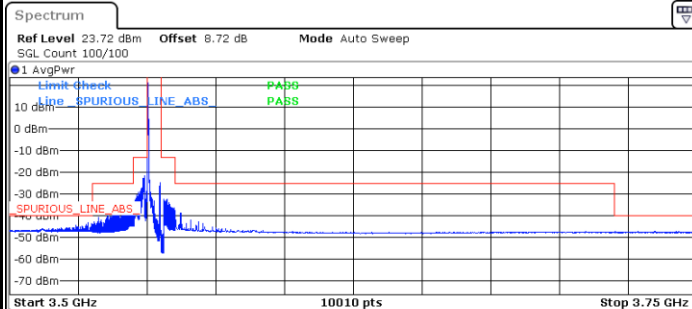


Conducted Band Edge

LTE Band 48 / 5MHz

QPSK

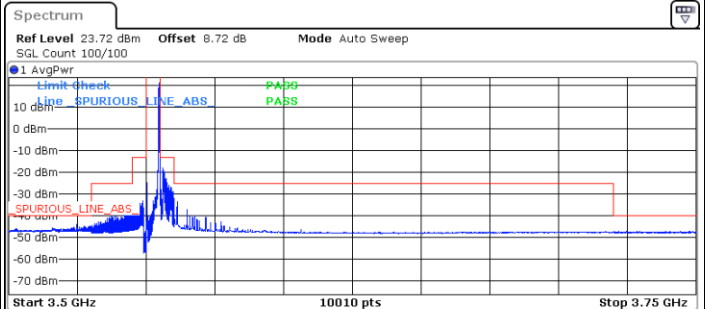
Lowest Channel / 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52855 GHz	-43.18 dBm	-3.18 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53988 GHz	-37.77 dBm	-12.77 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54373 GHz	-34.43 dBm	-9.43 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54898 GHz	-21.58 dBm	-8.58 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54999 GHz	-21.34 dBm	-8.34 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55038 GHz	21.16 dBm	-8.84 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55521 GHz	-48.27 dBm	-35.27 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55714 GHz	-32.16 dBm	-19.16 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56200 GHz	-38.57 dBm	-13.57 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73476 GHz	-47.24 dBm	-7.24 dB

Date: 5.OCT.2024 13:20:18

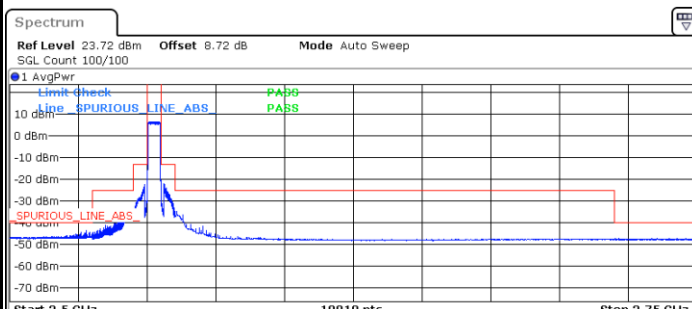
Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52462 GHz	-43.81 dBm	-3.81 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53928 GHz	-39.10 dBm	-14.10 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54350 GHz	-38.16 dBm	-13.16 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54875 GHz	-33.21 dBm	-20.21 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54988 GHz	-46.80 dBm	-33.80 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55467 GHz	21.26 dBm	-8.74 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55500 GHz	-21.01 dBm	-8.01 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55615 GHz	-17.88 dBm	-4.88 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56136 GHz	-33.50 dBm	-8.50 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72472 GHz	-47.22 dBm	-7.22 dB

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Lowest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52783 GHz	-43.63 dBm	-3.63 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53961 GHz	-35.96 dBm	-10.96 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54479 GHz	-34.82 dBm	-9.82 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54893 GHz	-22.38 dBm	-9.38 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-25.92 dBm	-12.92 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55320 GHz	6.68 dBm	-23.32 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55500 GHz	-25.80 dBm	-12.80 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55605 GHz	-21.71 dBm	-8.71 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56088 GHz	-34.82 dBm	-9.82 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73344 GHz	-47.23 dBm	-7.23 dB

Date: 5.OCT.2024 13:35:53

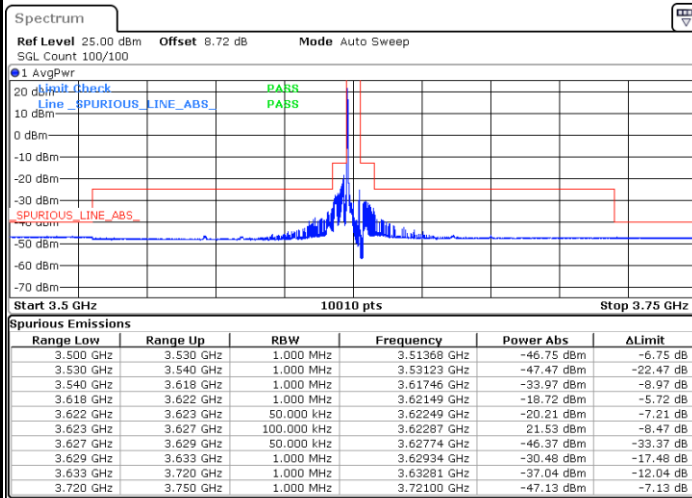
N/A



LTE Band 48 / 5MHz

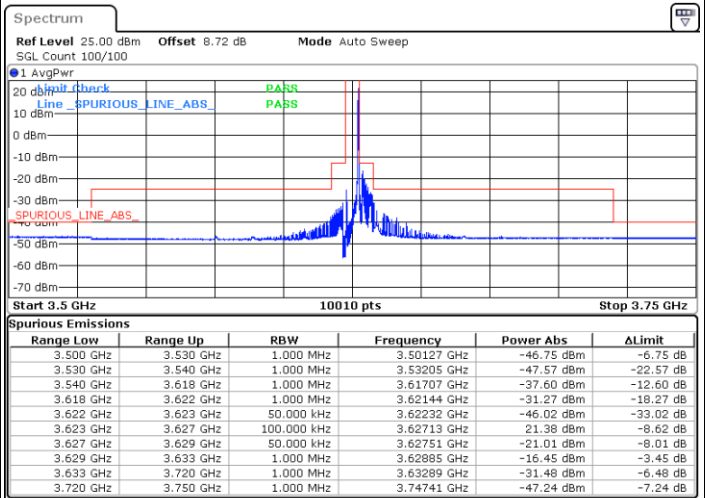
QPSK

Middle Channel / 1RB0



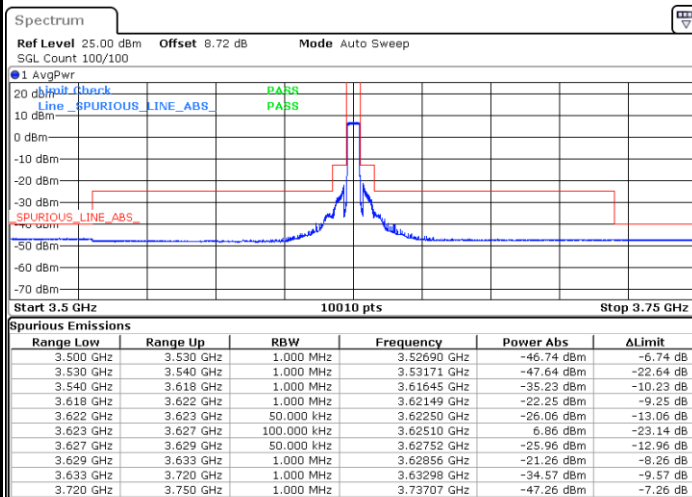
Date: 5.OCT.2024 13:43:35

Middle Channel / 1RBmax



Date: 5.OCT.2024 13:51:14

Middle Channel / Full



Date: 5.OCT.2024 13:58:54

N/A

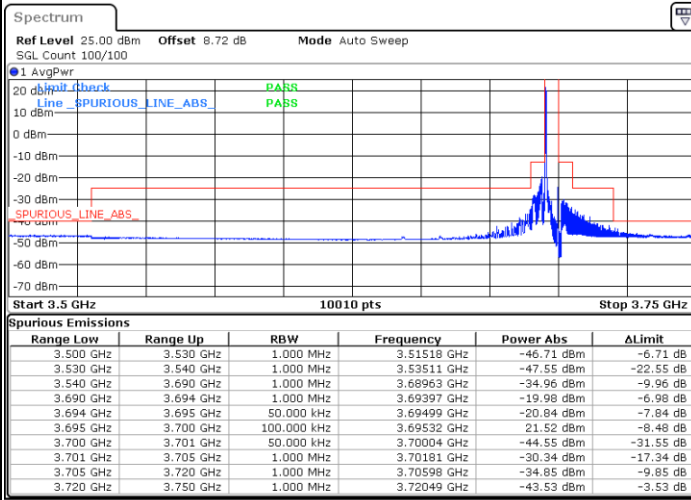


LTE Band 48 / 5MHz

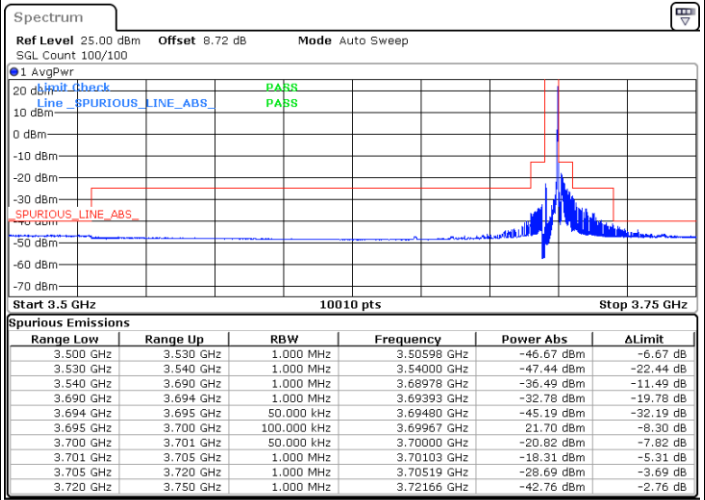
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



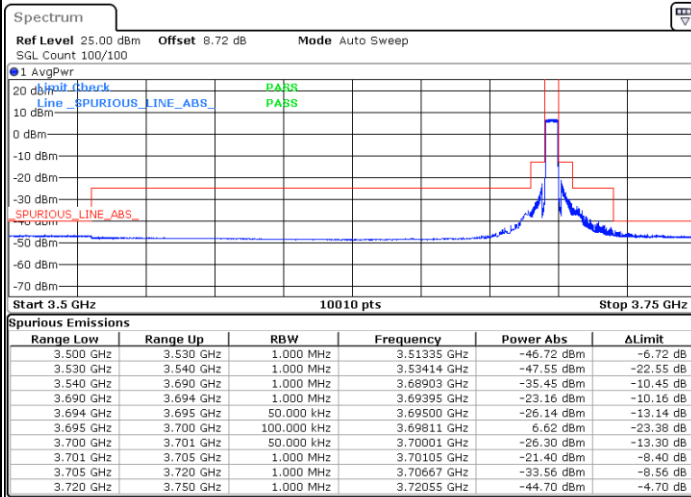
Date: 5.OCT.2024 14:06:33



Date: 5.OCT.2024 14:14:15

Highest Channel / FullIRB

N/A



Date: 5.OCT.2024 14:21:57

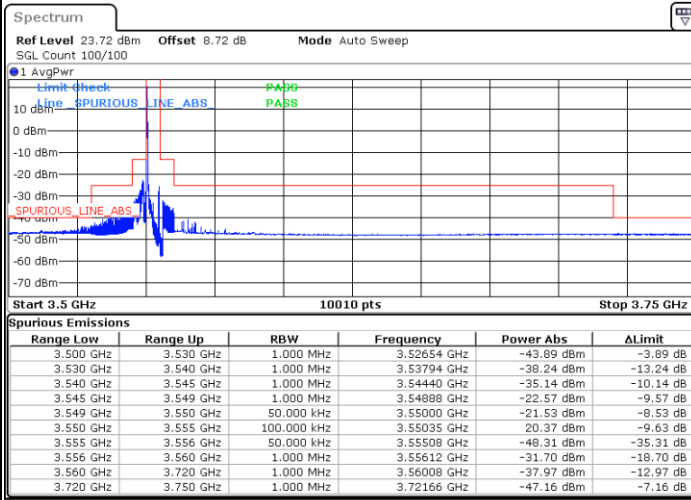


LTE Band 48 / 5MHz

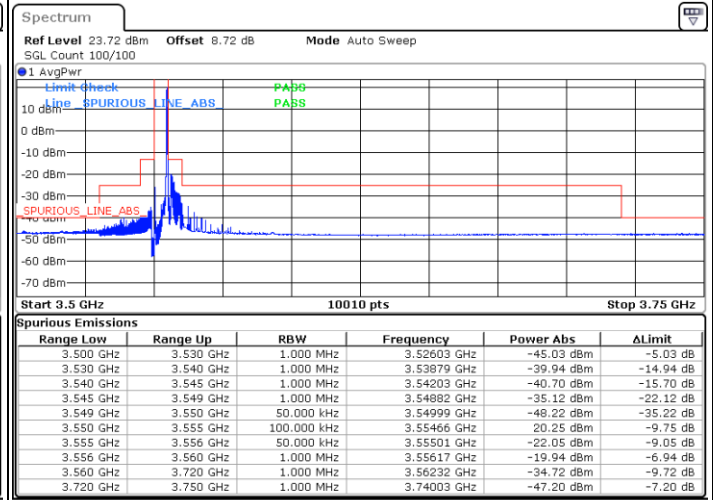
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



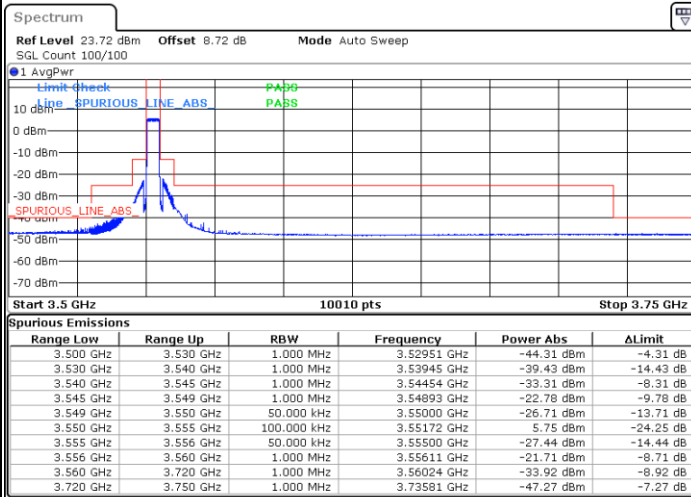
Date: 5.OCT.2024 13:22:24



Date: 5.OCT.2024 13:30:07

Lowest Channel / FullRB

N/A



Date: 5.OCT.2024 13:37:49

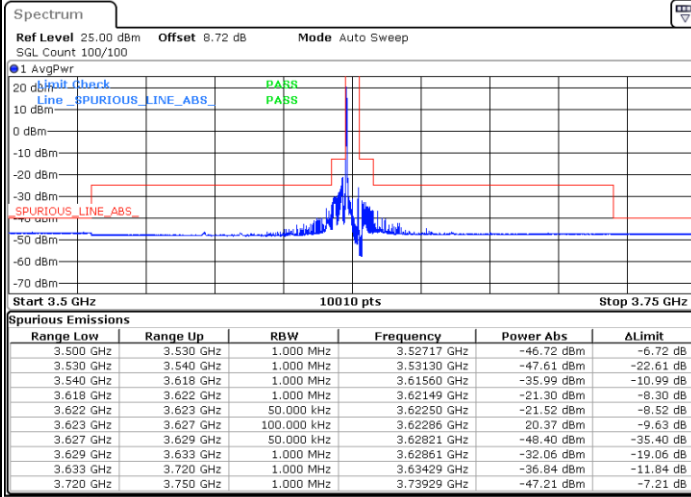


LTE Band 48 / 5MHz

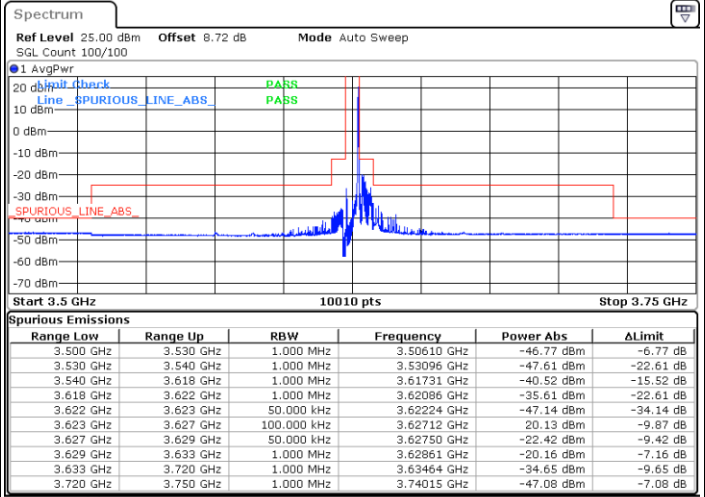
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



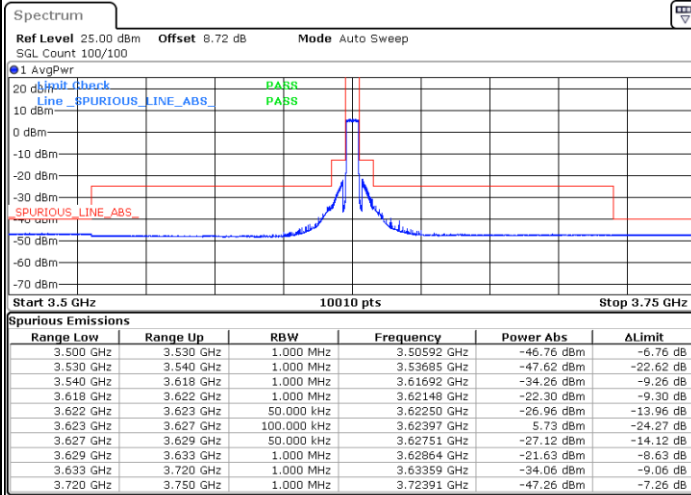
Date: 5.OCT.2024 13:45:30



Date: 5.OCT.2024 13:53:09

Middle Channel / Full

N/A



Date: 5.OCT.2024 14:00:48

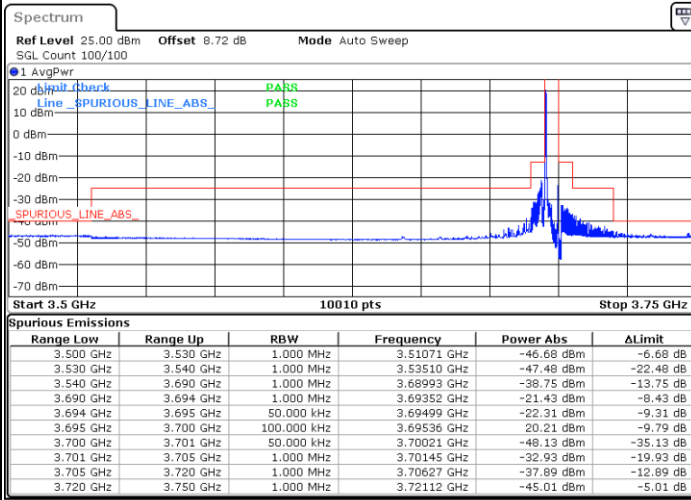


LTE Band 48 / 5MHz

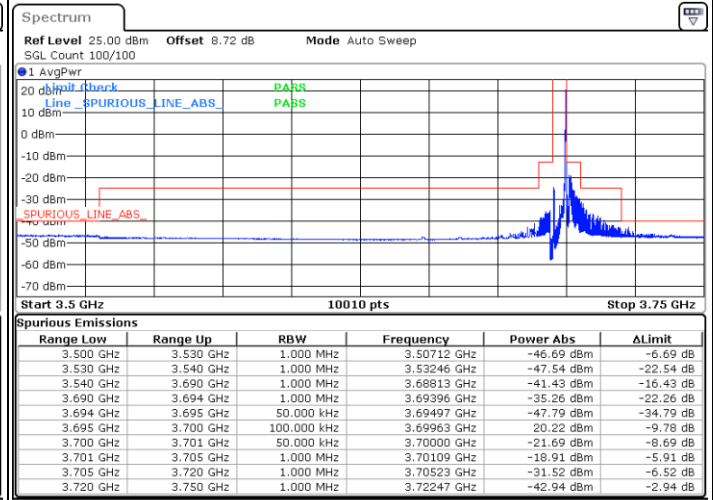
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



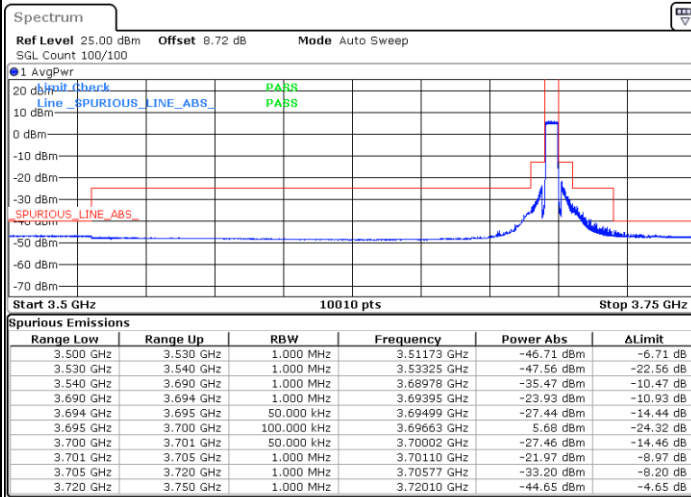
Date: 5.OCT.2024 14:08:28



Date: 5.OCT.2024 14:16:10

Highest Channel / FullIRB

N/A



Date: 5.OCT.2024 14:23:52

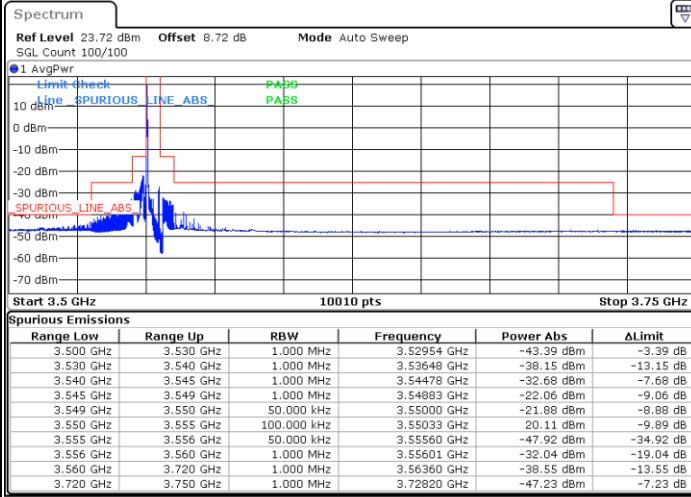


LTE Band 48 / 5MHz

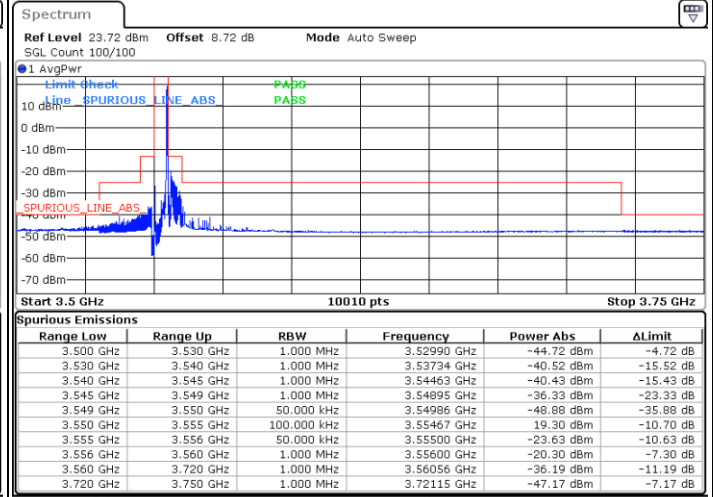
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



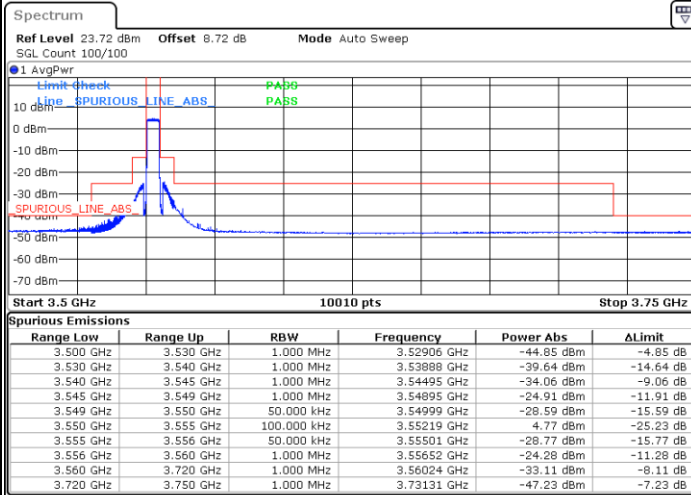
Date: 5.OCT.2024 13:24:20



Date: 5.OCT.2024 13:32:02

Lowest Channel / FullIRB

N/A



Date: 5.OCT.2024 13:39:44

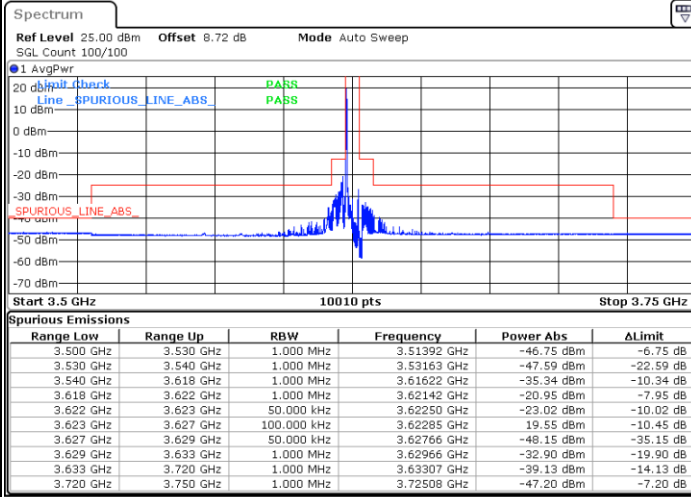


LTE Band 48 / 5MHz

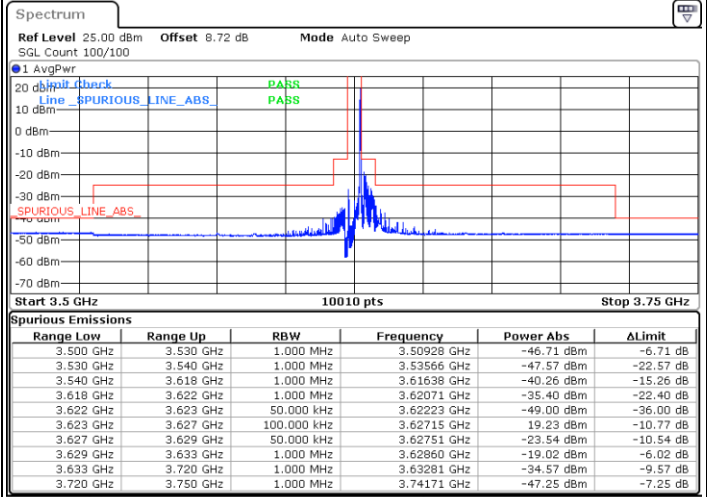
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



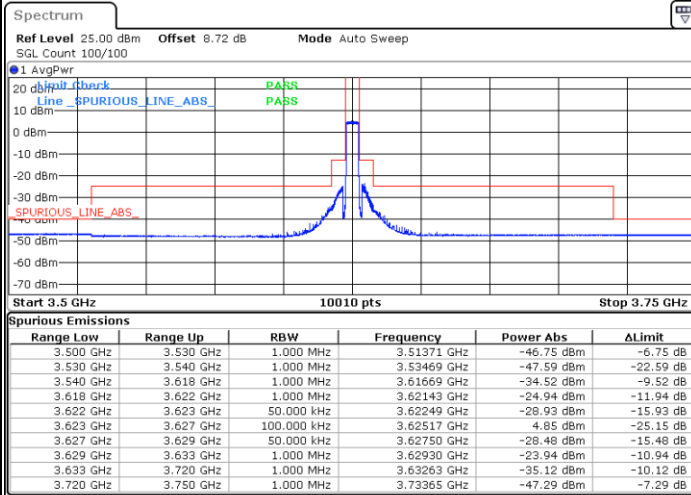
Date: 5.OCT.2024 13:47:25



Date: 5.OCT.2024 13:55:04

Middle Channel / Full

N/A



Date: 5.OCT.2024 14:02:43