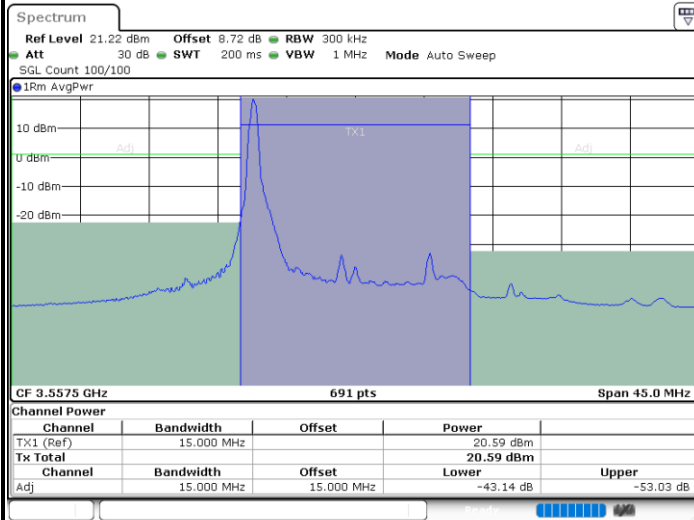




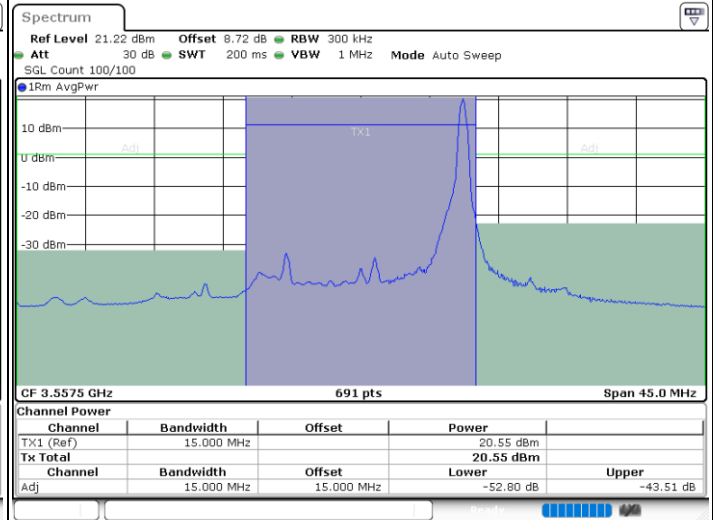
LTE Band 48 / 15MHz

QPSK

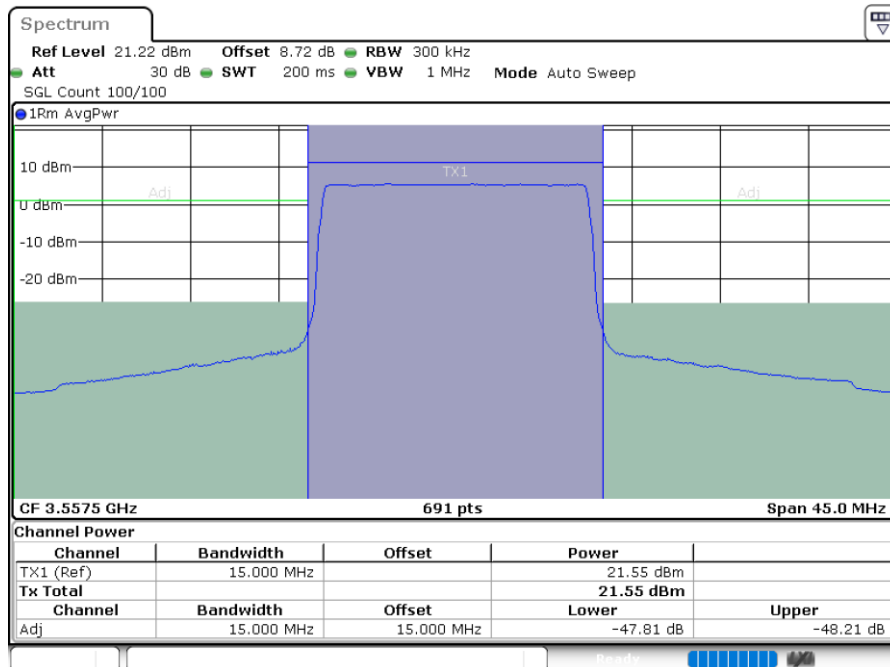
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB

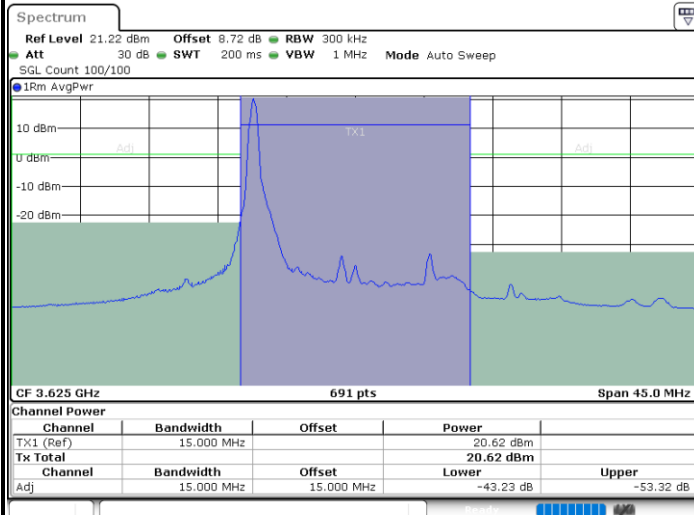




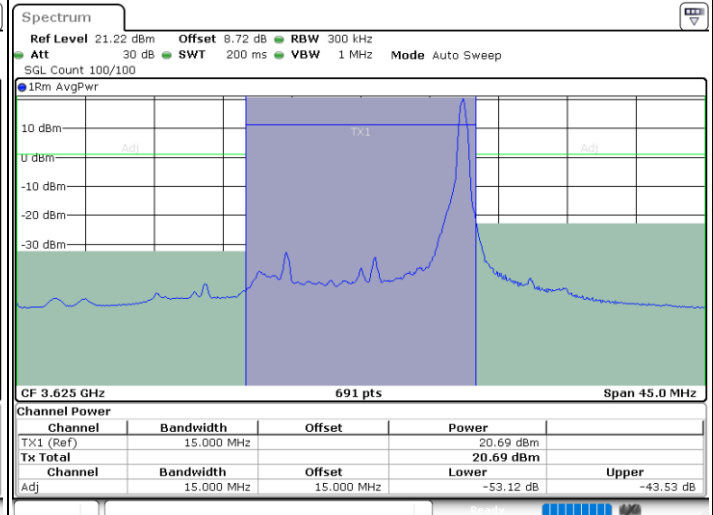
LTE Band 48 / 15MHz

QPSK

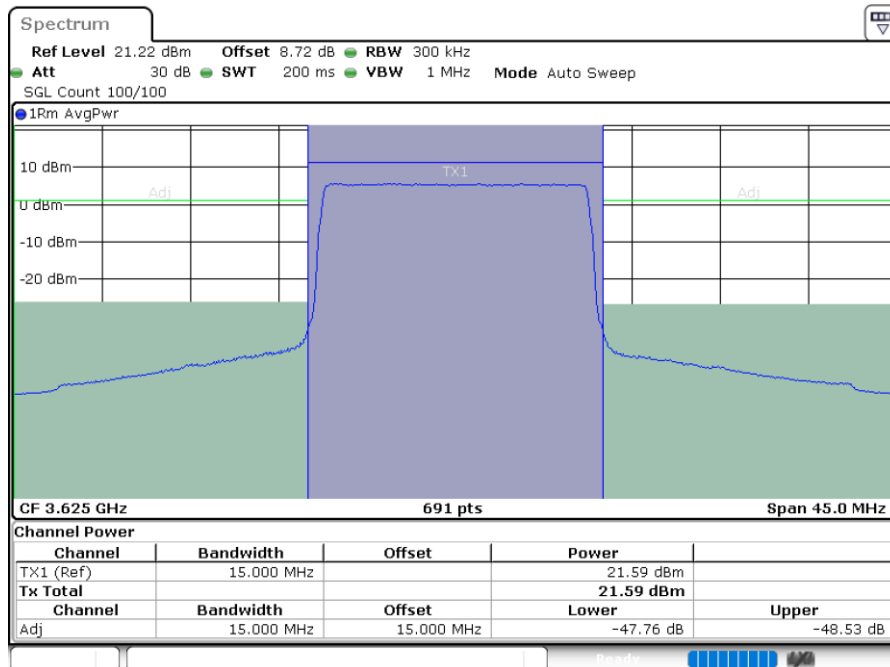
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

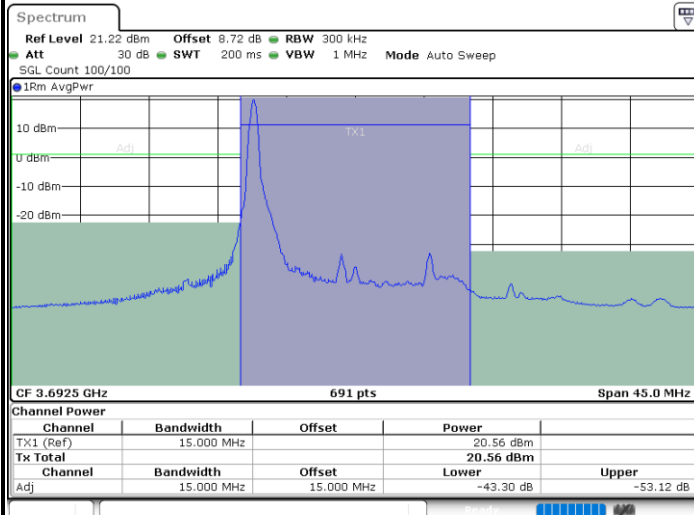




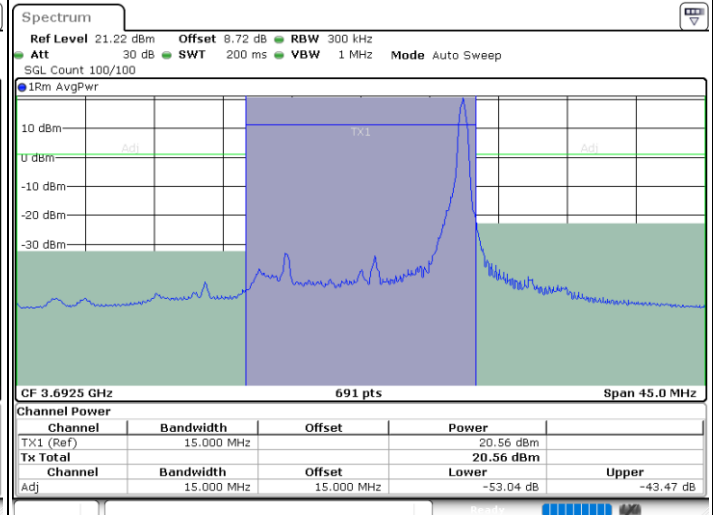
LTE Band 48 / 15MHz

QPSK

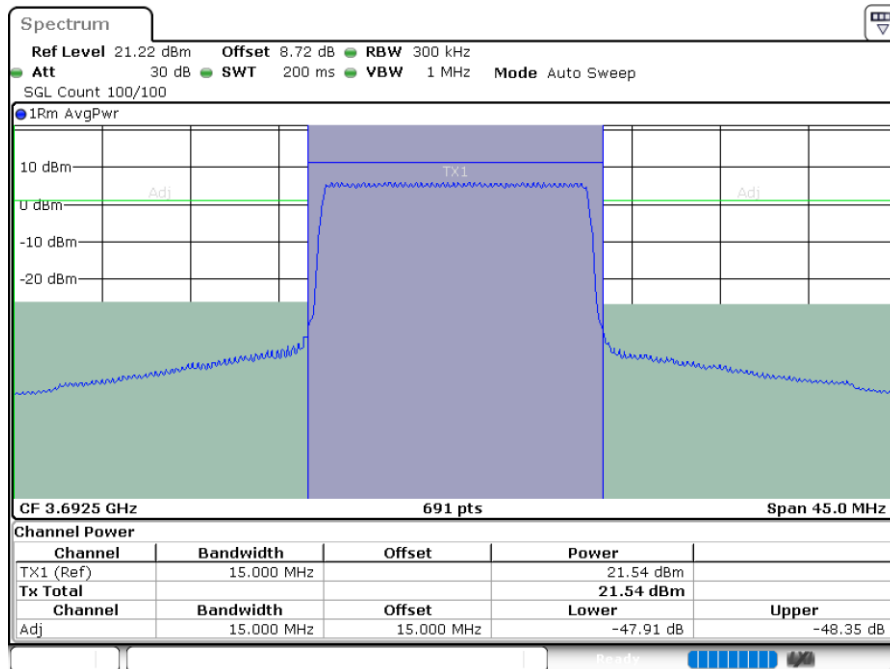
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

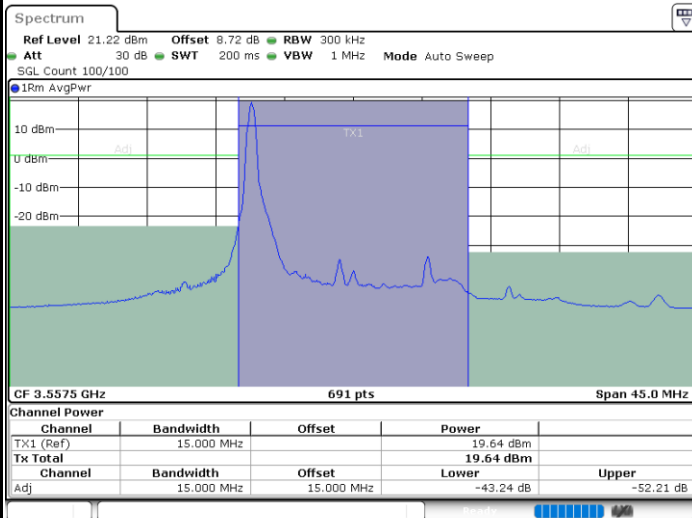




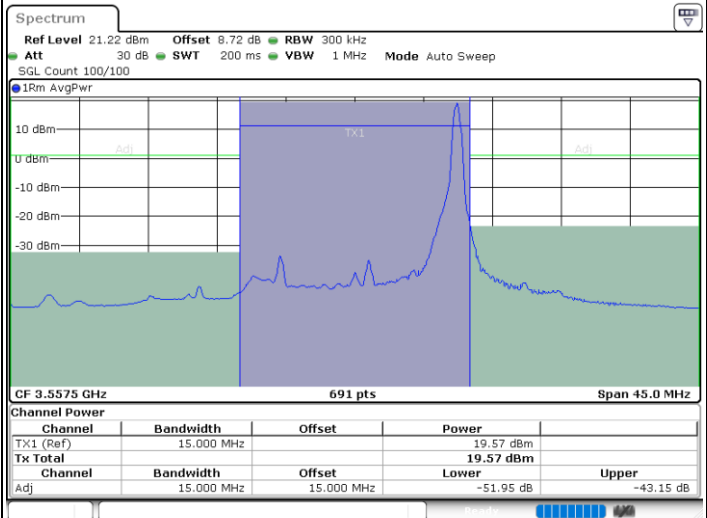
LTE Band 48 / 15MHz

16QAM

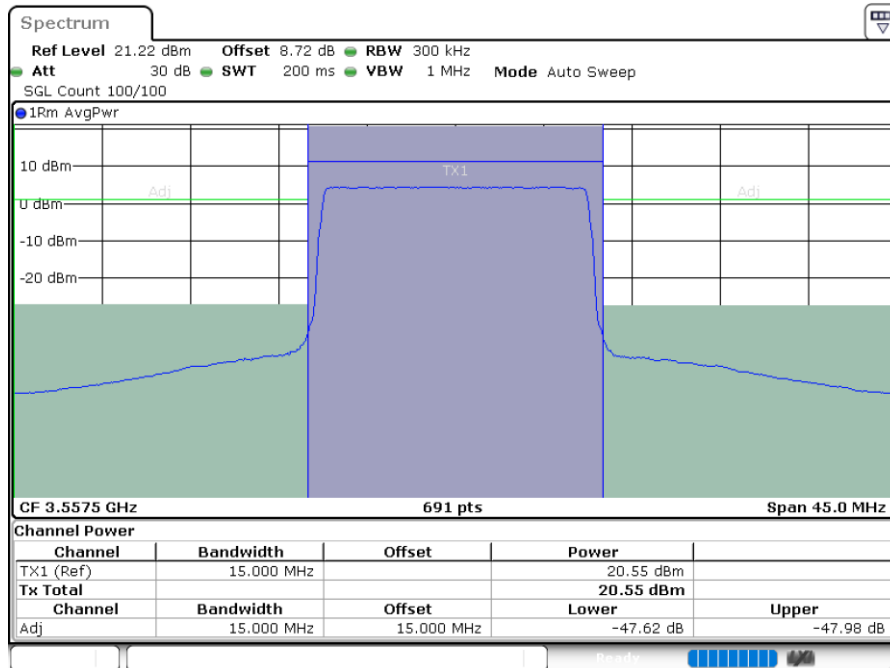
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB

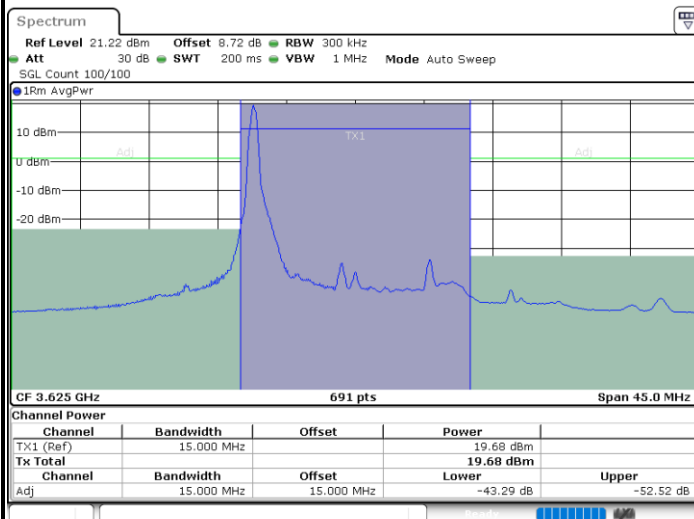




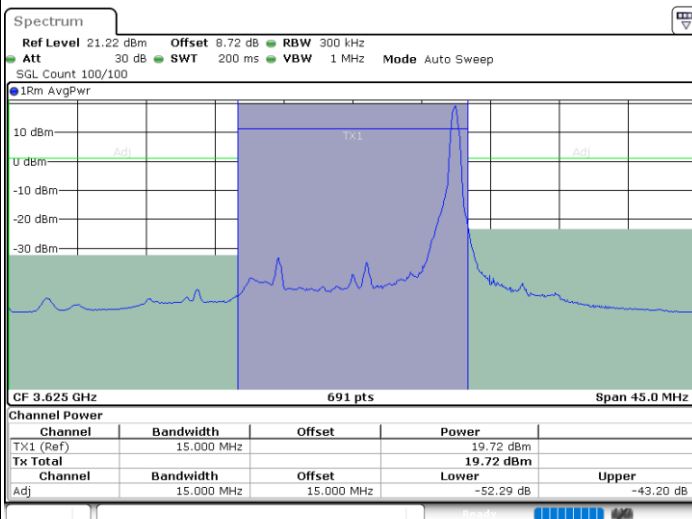
LTE Band 48 / 15MHz

16QAM

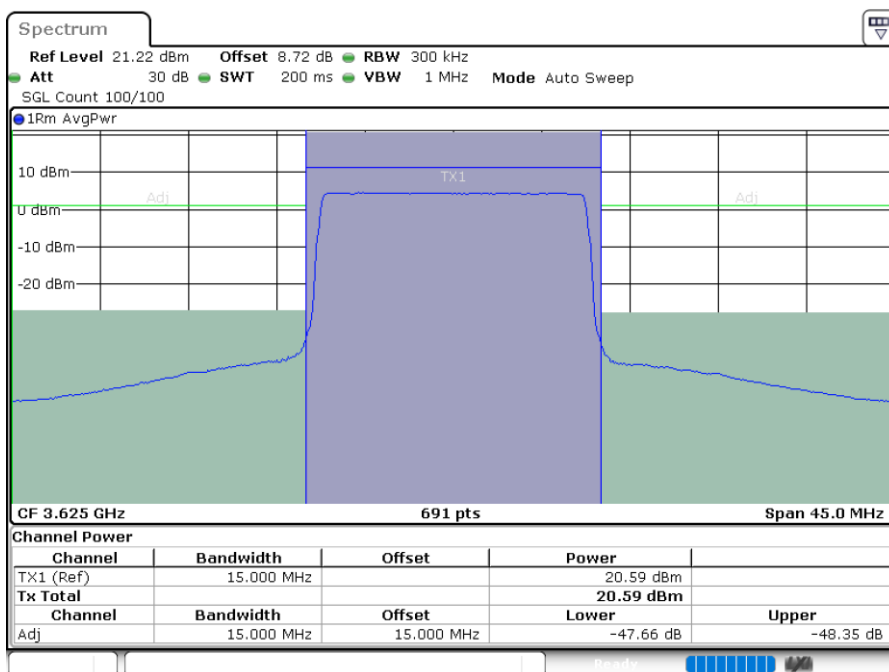
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

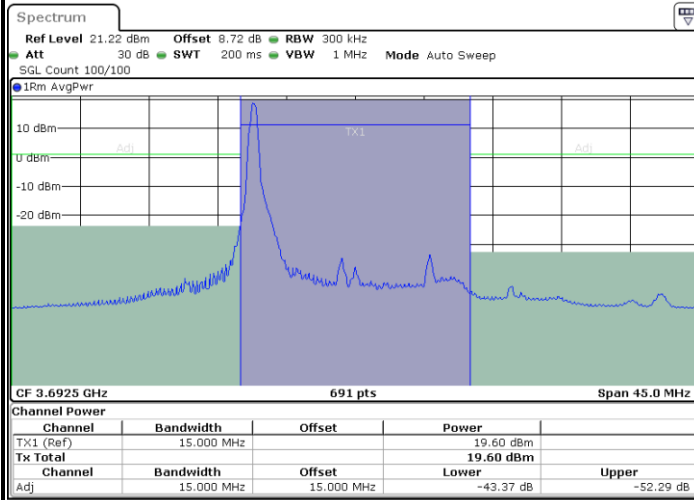




LTE Band 48 / 15MHz

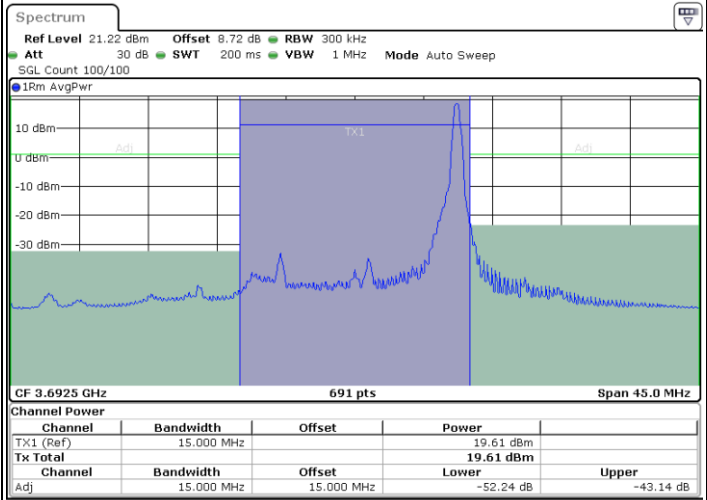
16QAM

Highest Channel / 1RB0



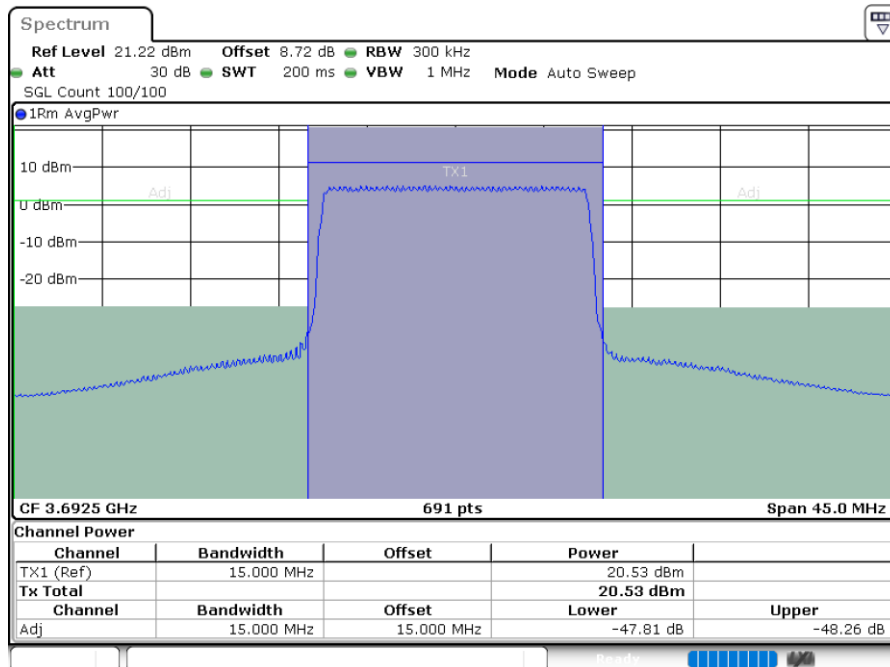
Date: 24.JUL.2024 05:22:05

Highest Channel / 1RBmax



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

Highest Channel / FullRB



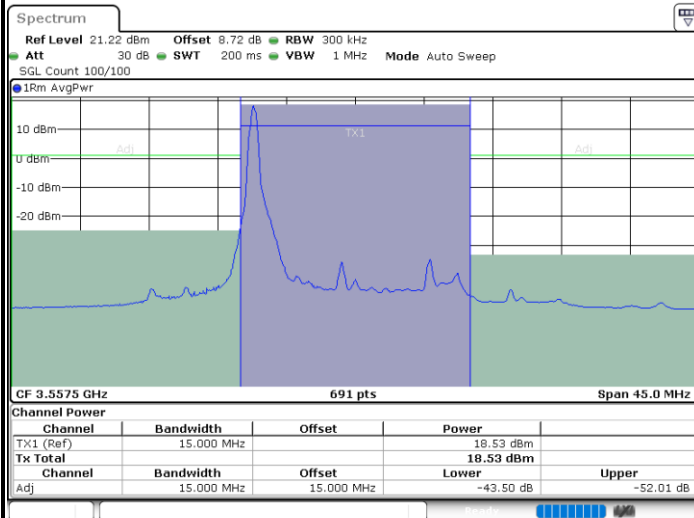
Date: 24.JUL.2024 05:28:17



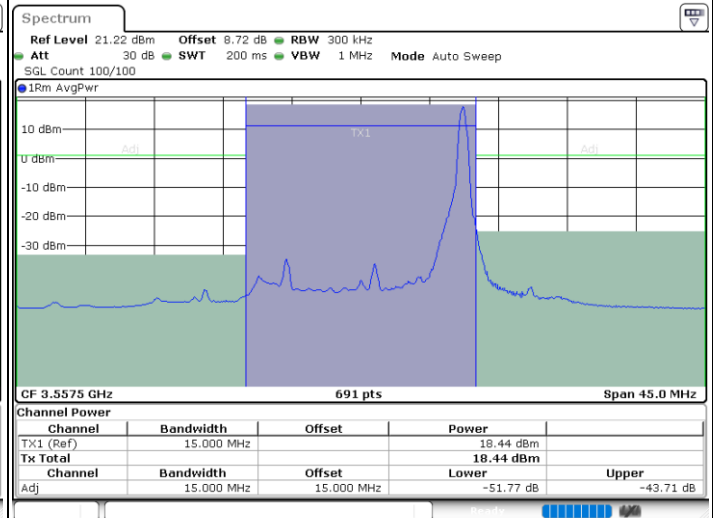
LTE Band 48 / 15MHz

64QAM

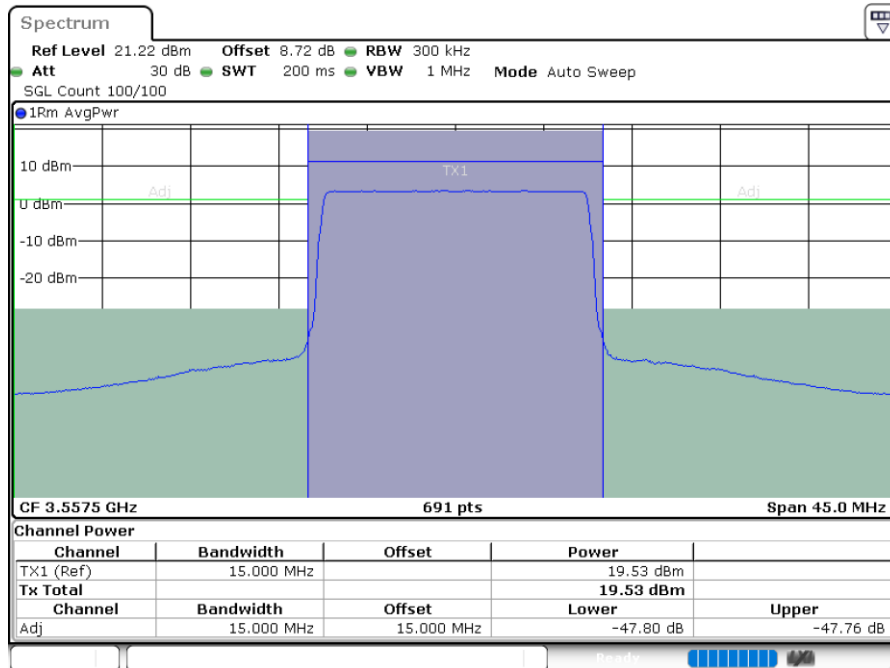
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB

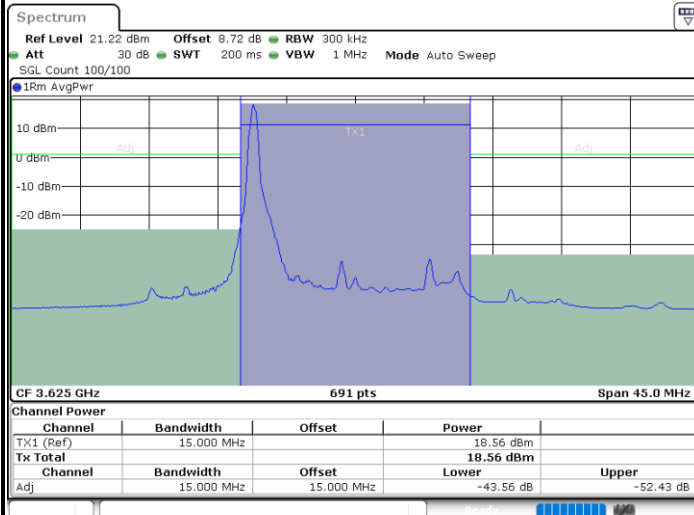




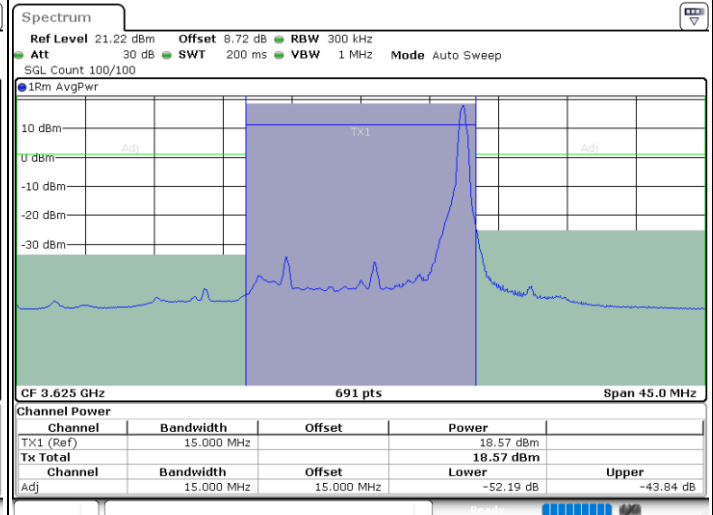
LTE Band 48 / 15MHz

64QAM

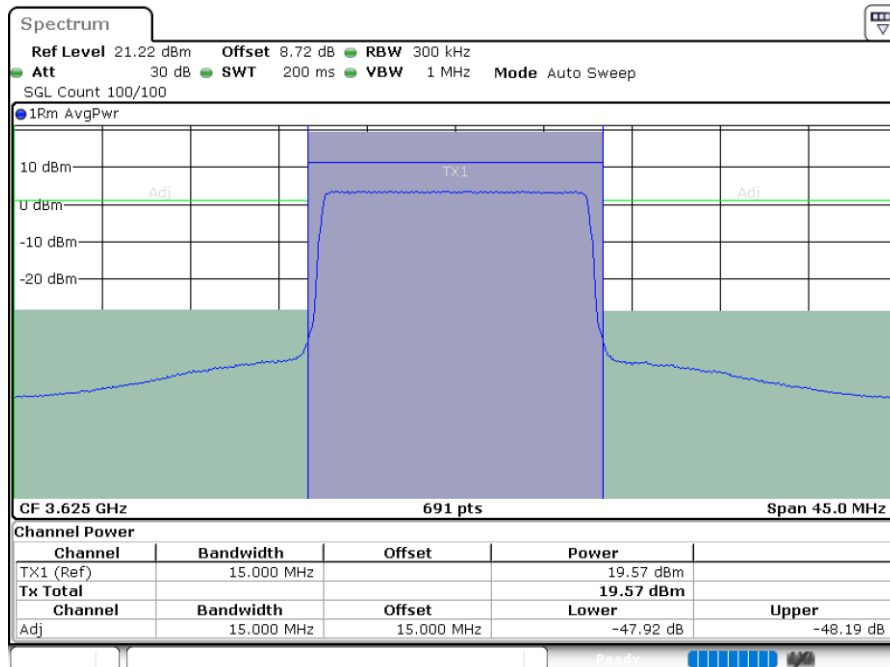
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

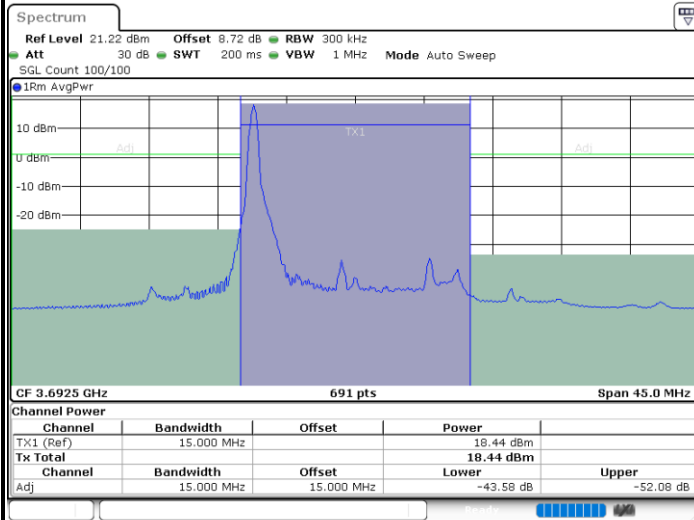




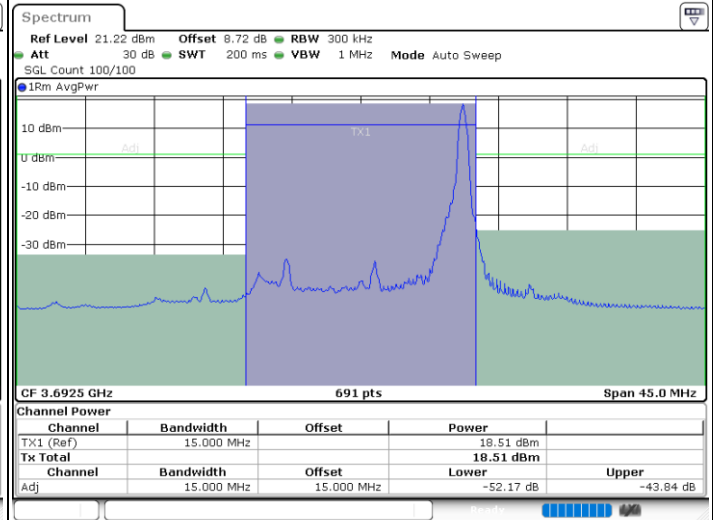
LTE Band 48 / 15MHz

64QAM

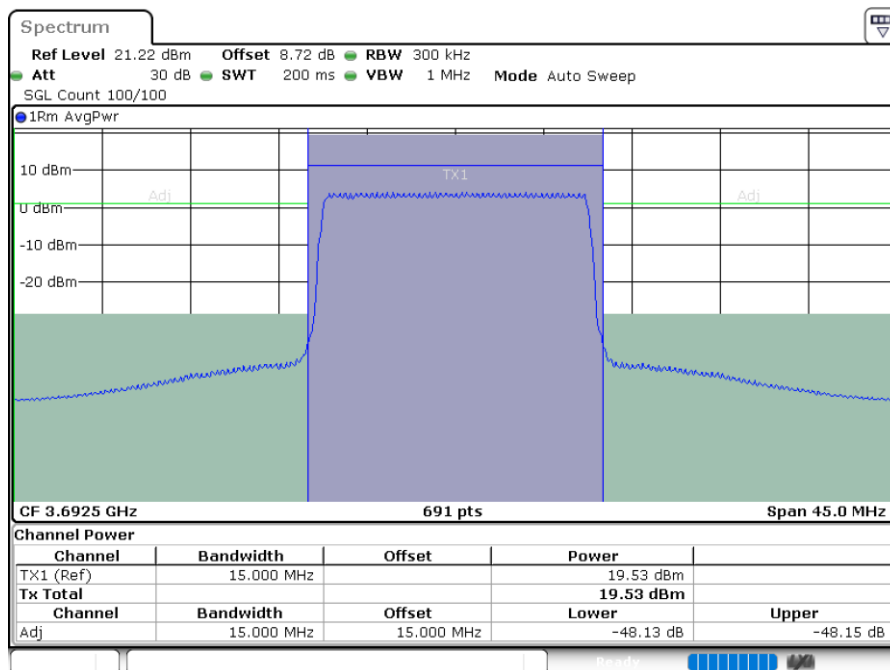
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

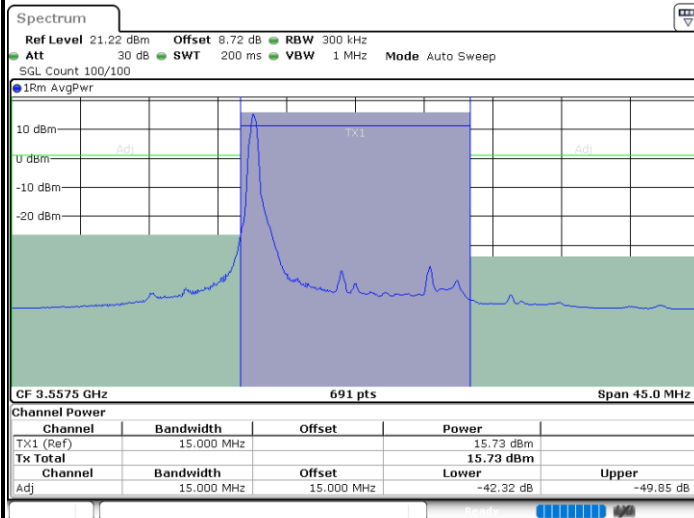




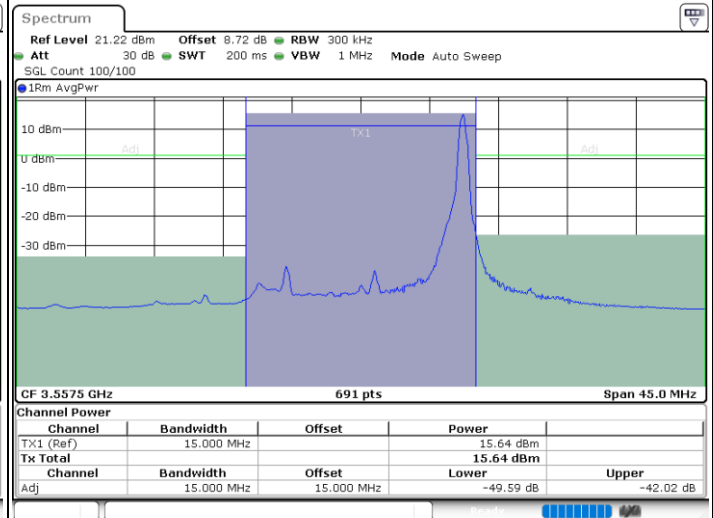
LTE Band 48 / 15MHz

256QAM

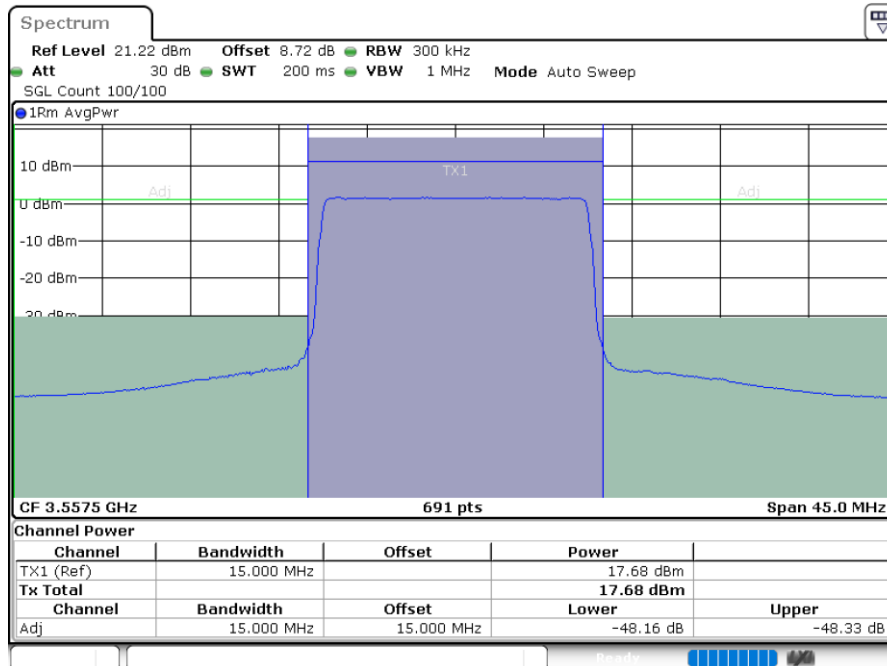
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB



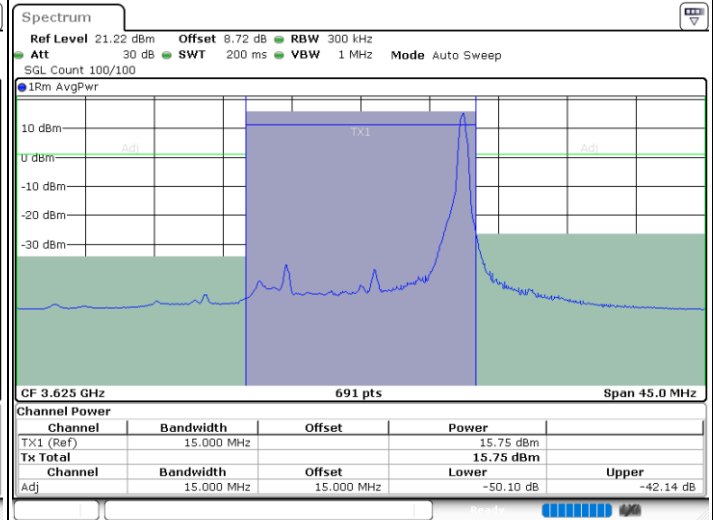
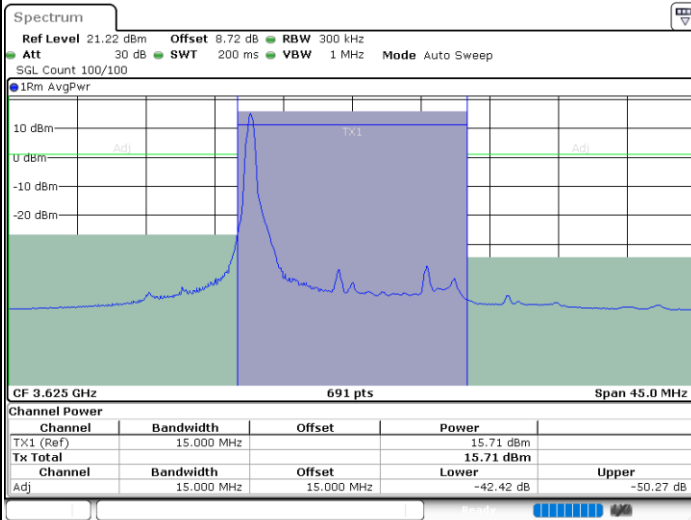


LTE Band 48 / 15MHz

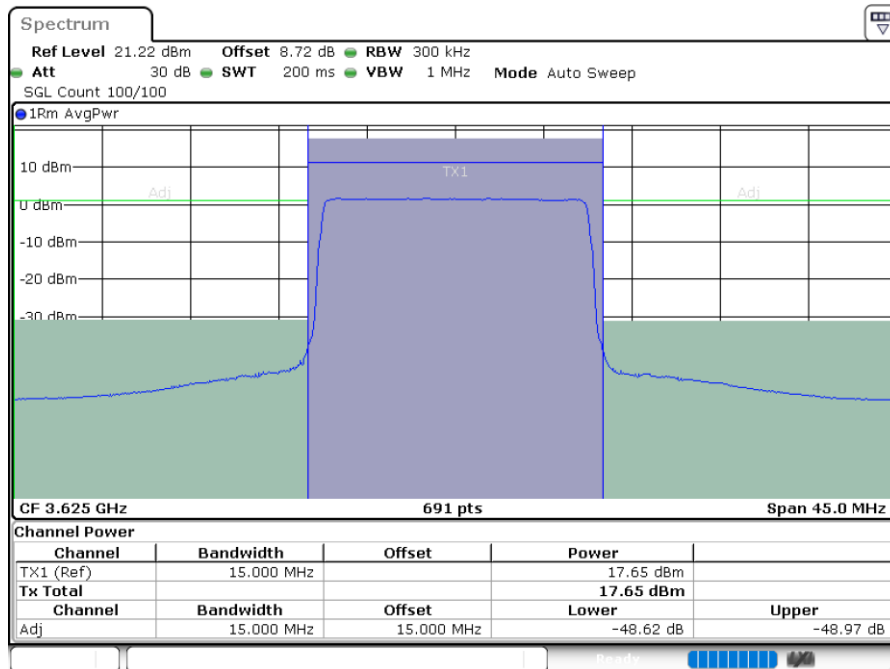
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



Middle Channel / FullRB

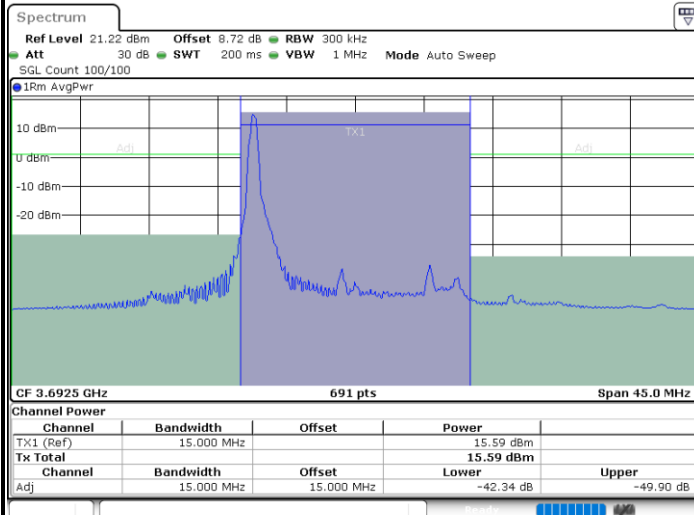




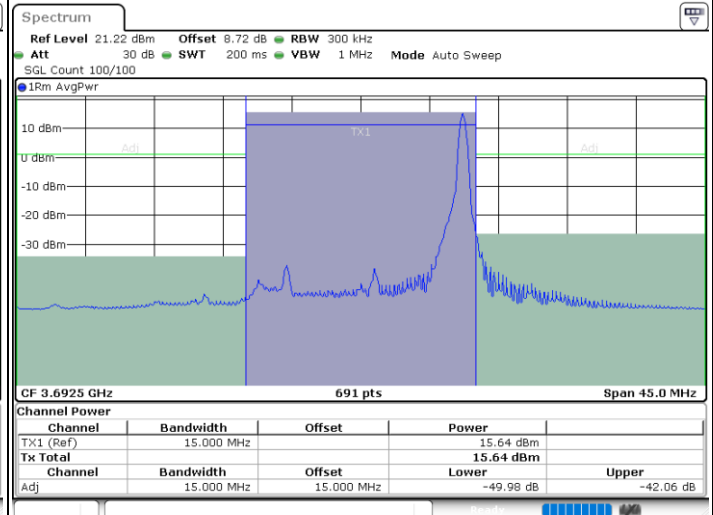
LTE Band 48 / 15MHz

256QAM

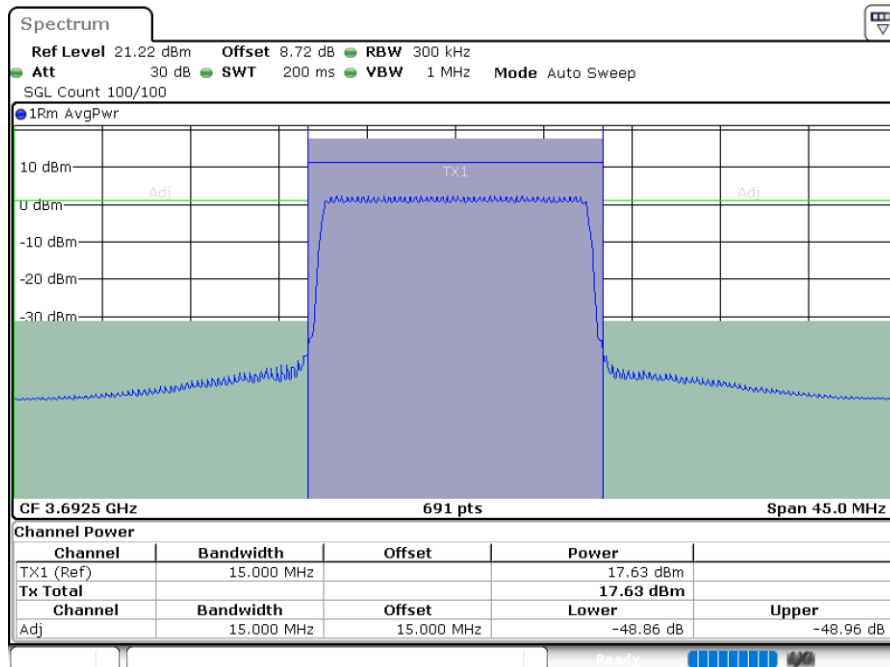
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

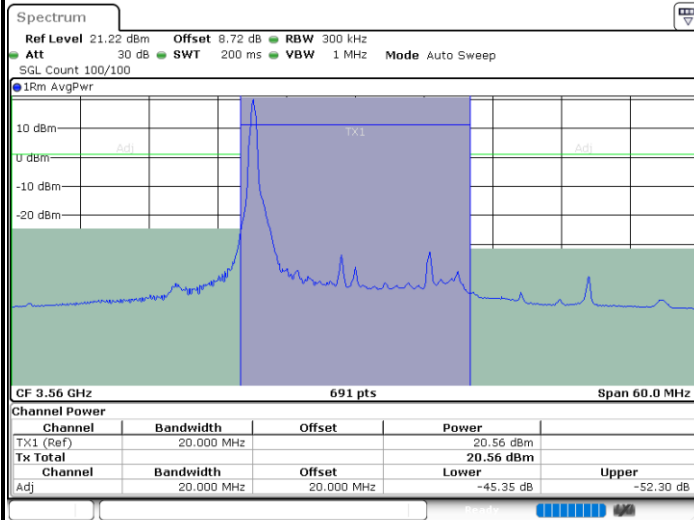




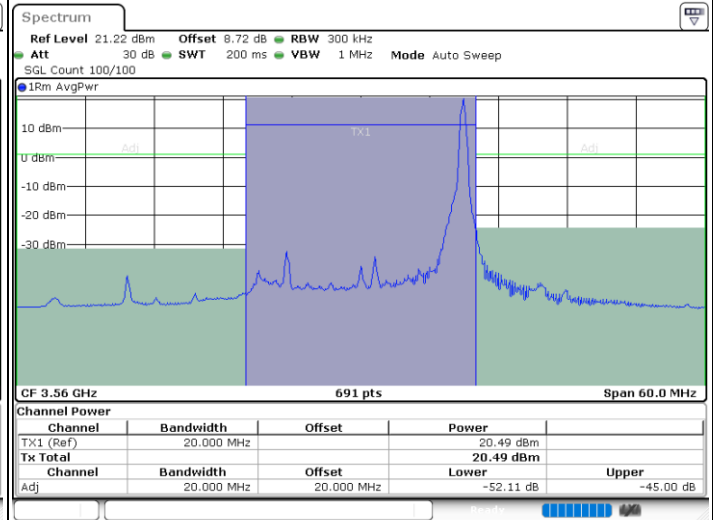
LTE Band 48 / 20MHz

QPSK

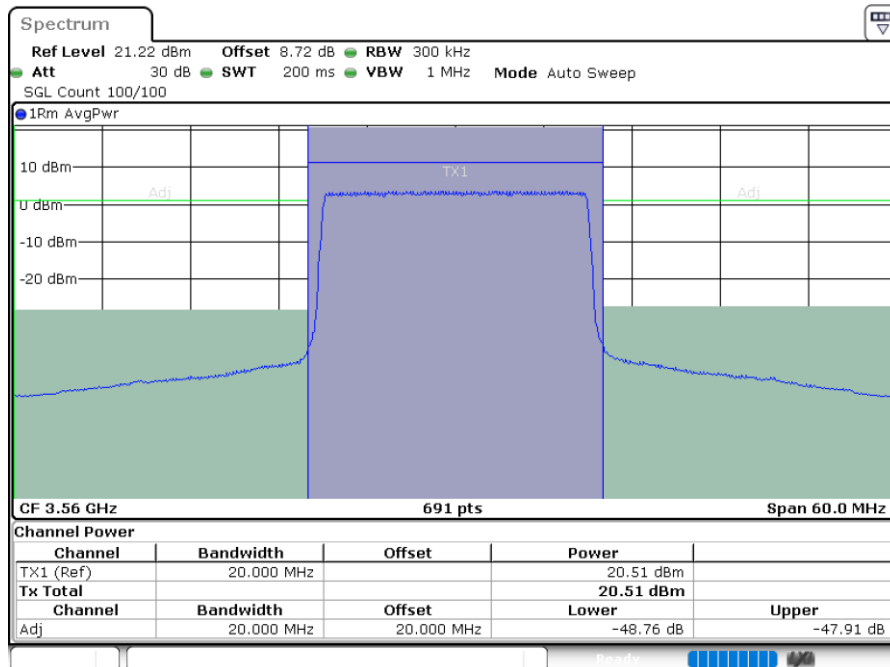
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB



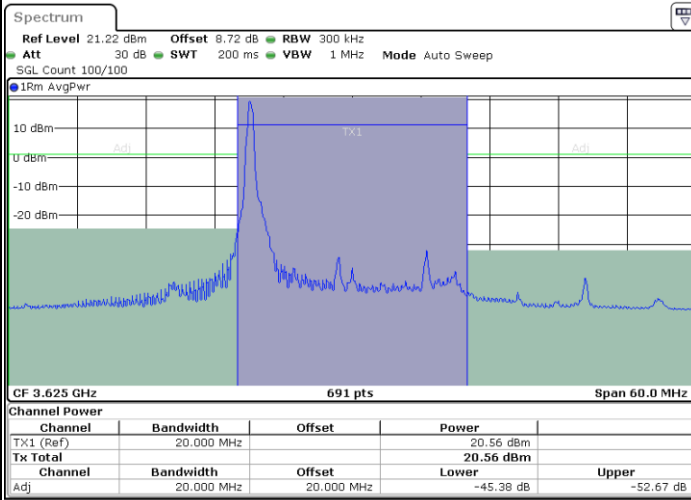


LTE Band 48 / 20MHz

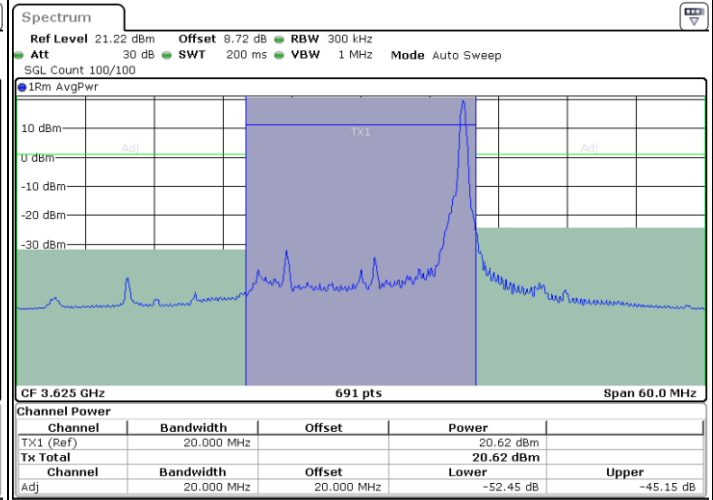
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

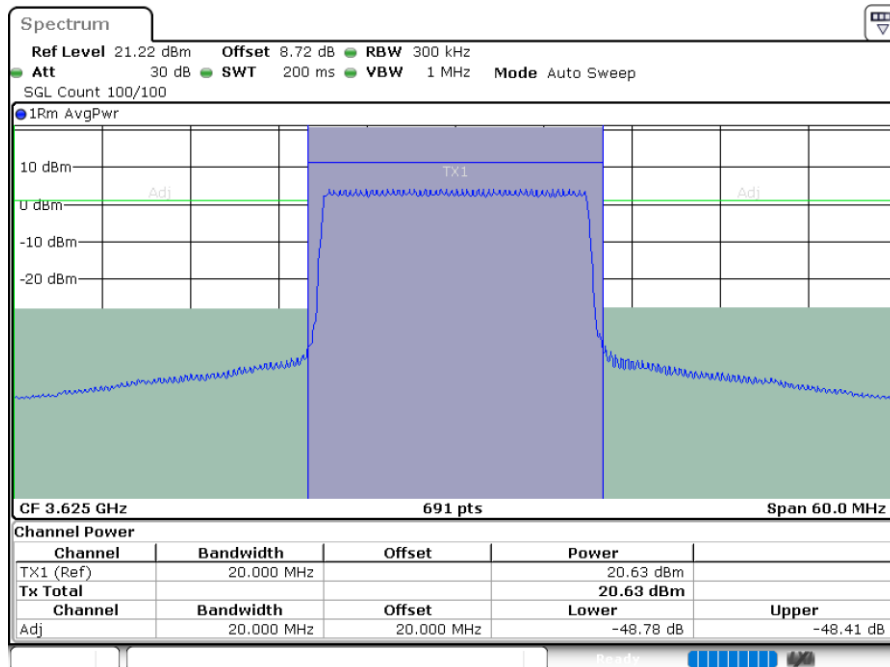


Date: 24.JUL.2024 05:40:31



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

Middle Channel / FullRB



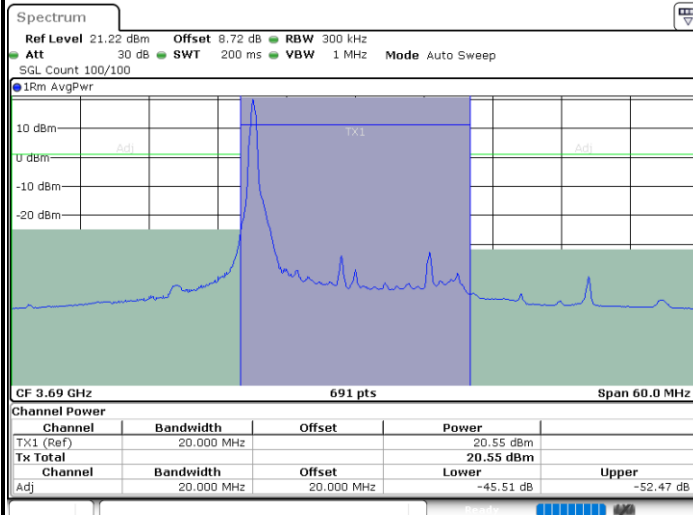
Date: 24.JUL.2024 05:46:25



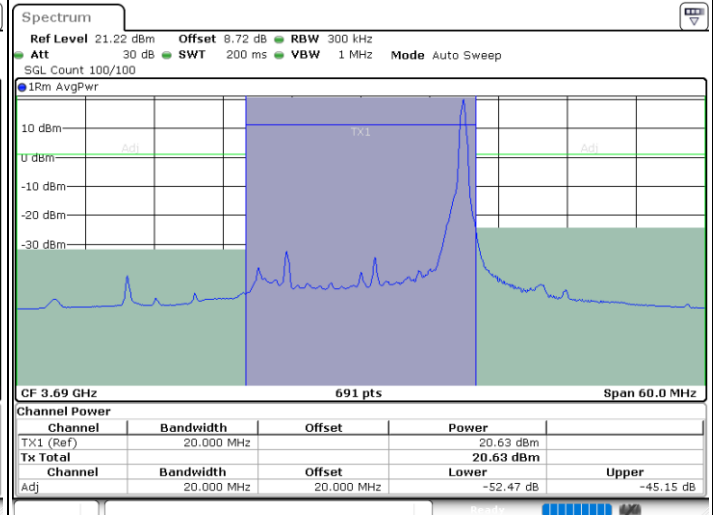
LTE Band 48 / 20MHz

QPSK

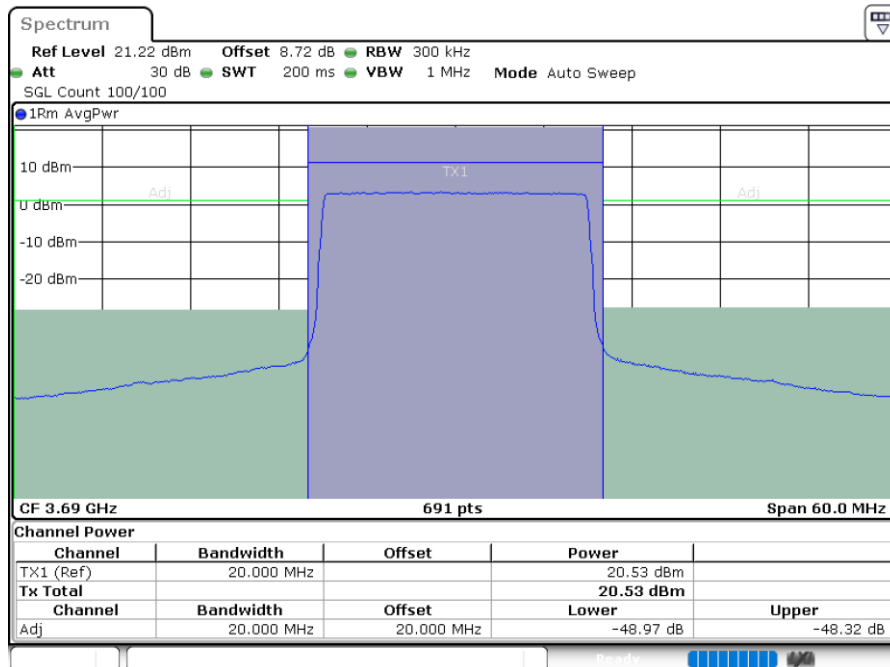
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

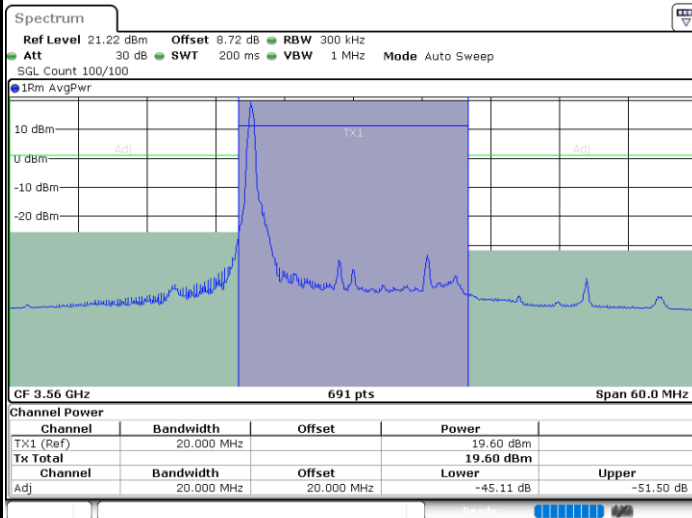




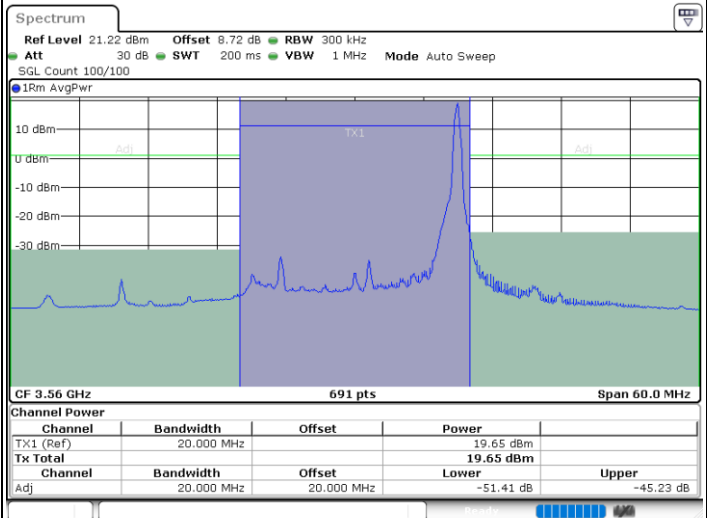
LTE Band 48 / 20MHz

16QAM

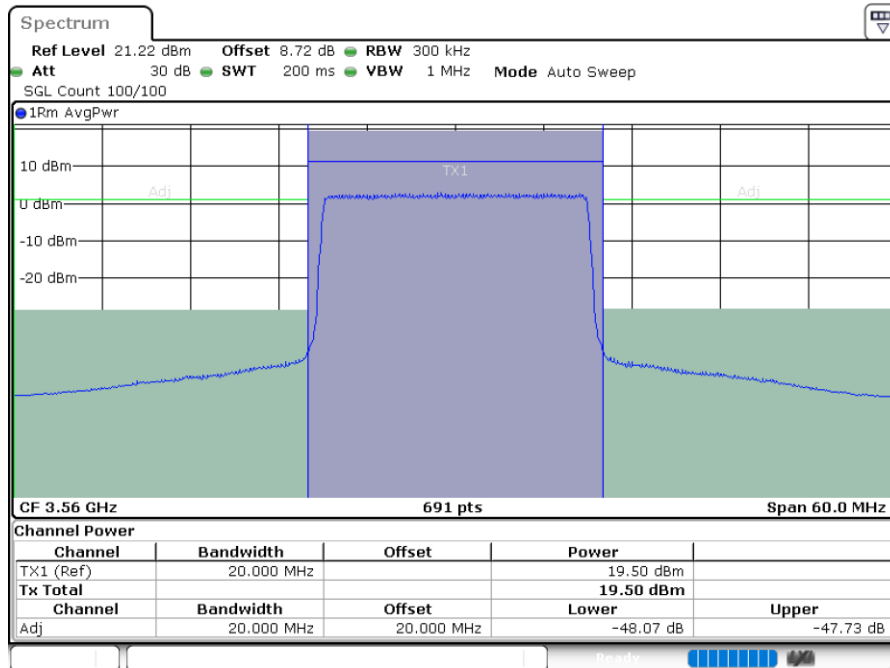
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullIRB

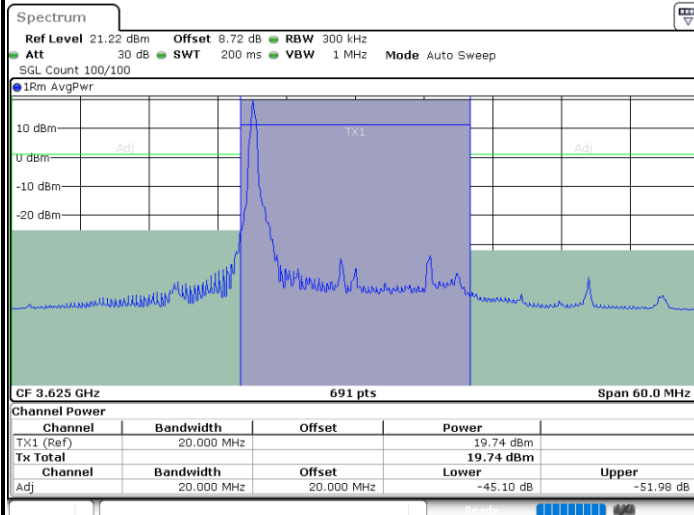




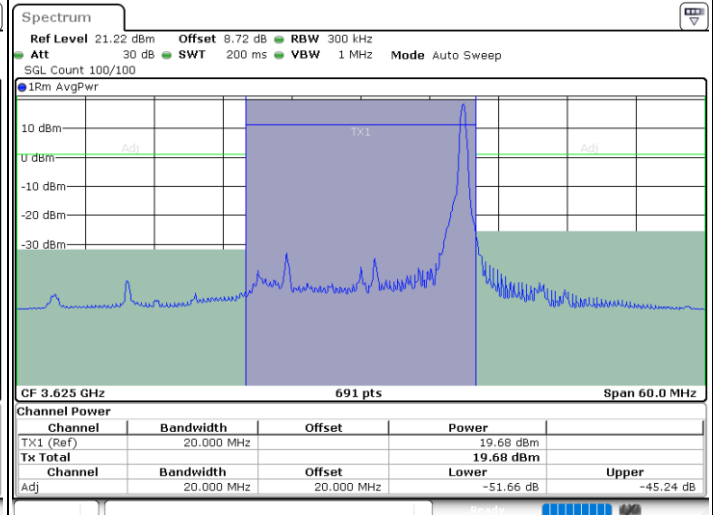
LTE Band 48 / 20MHz

16QAM

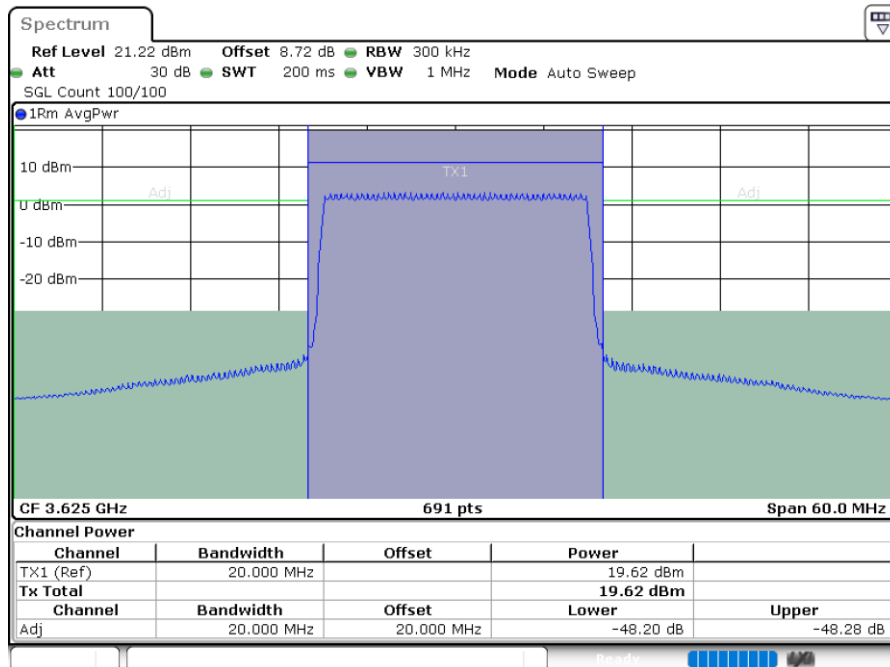
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

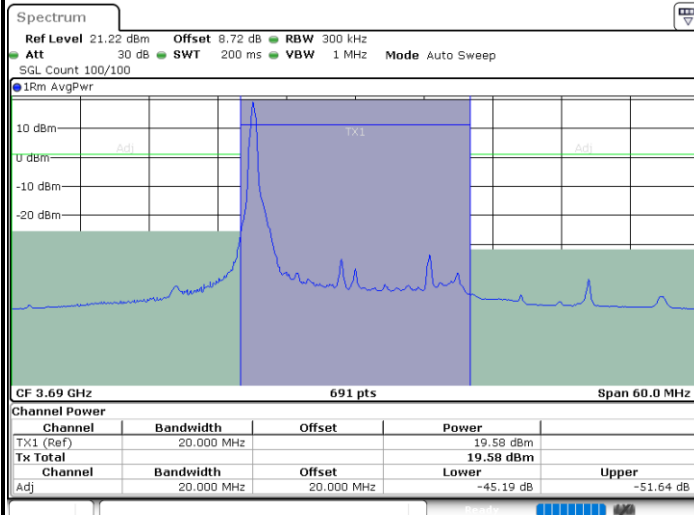




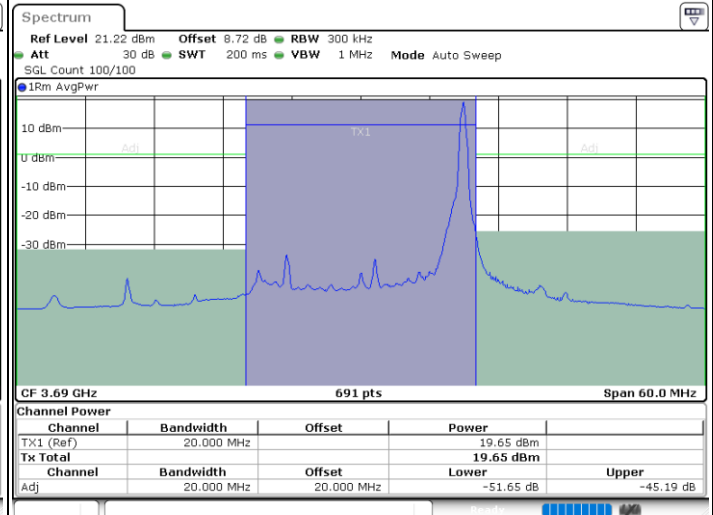
LTE Band 48 / 20MHz

16QAM

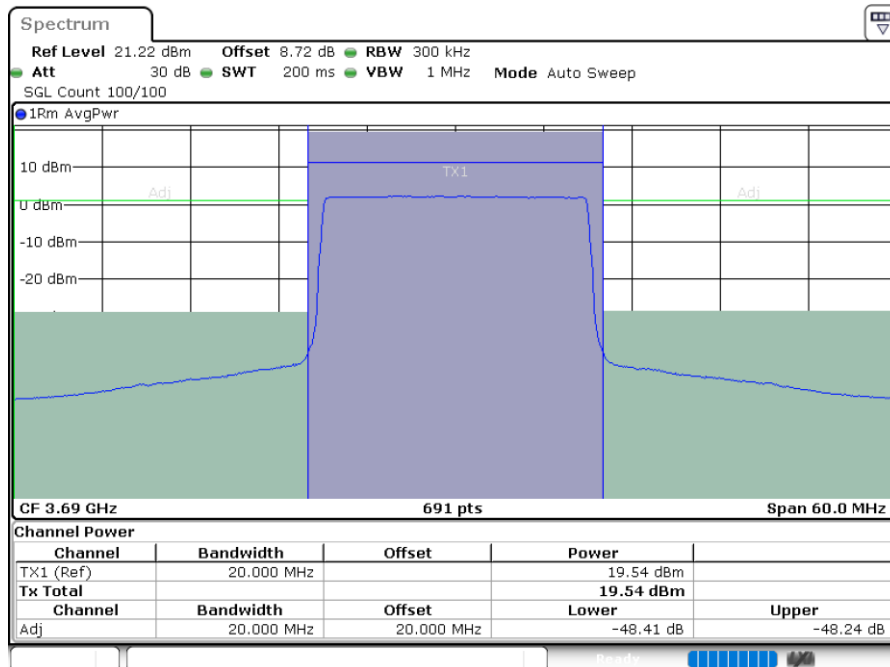
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

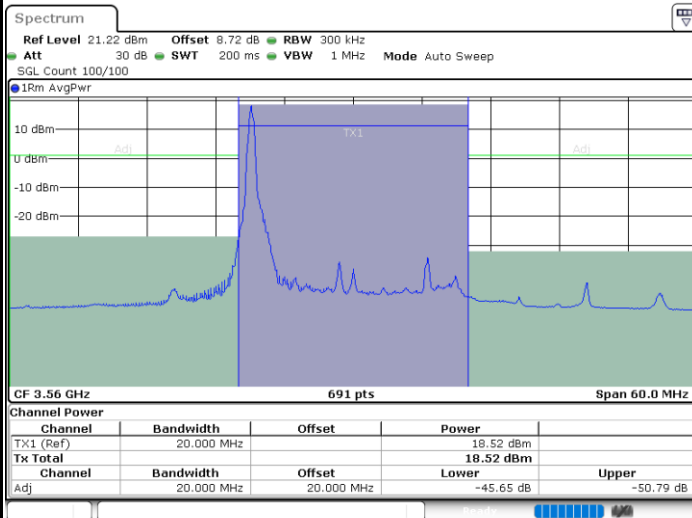




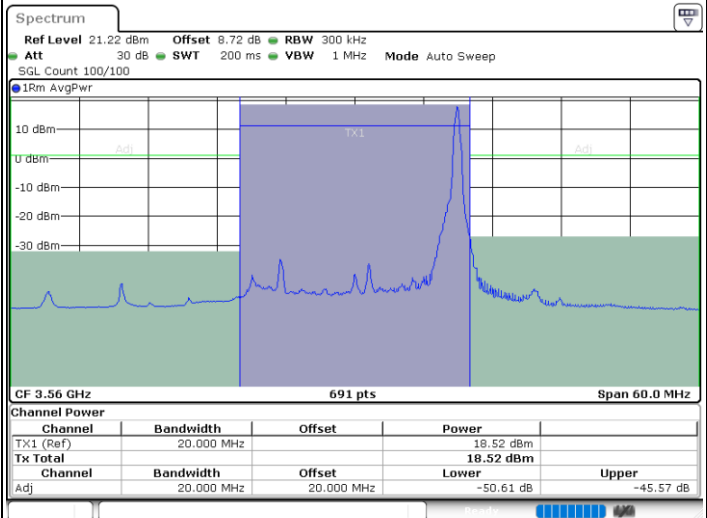
LTE Band 48 / 20MHz

64QAM

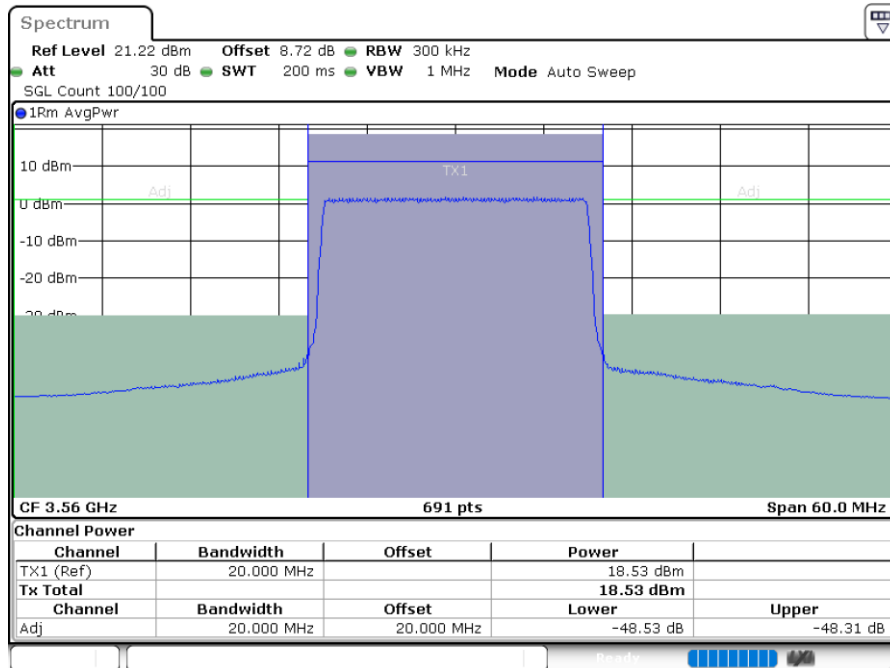
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB

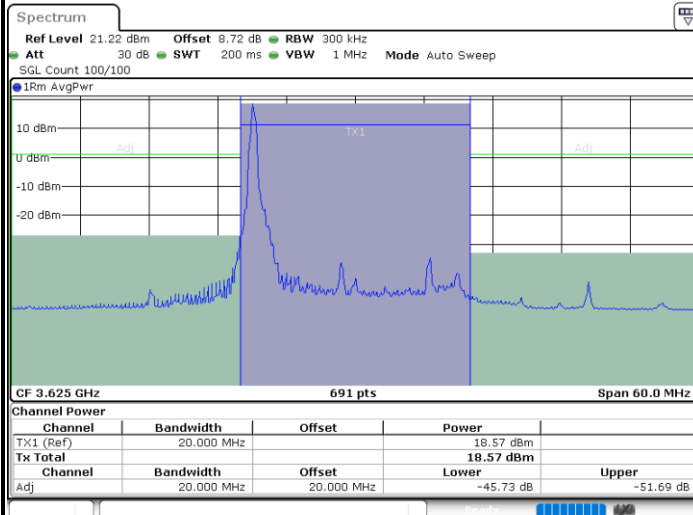




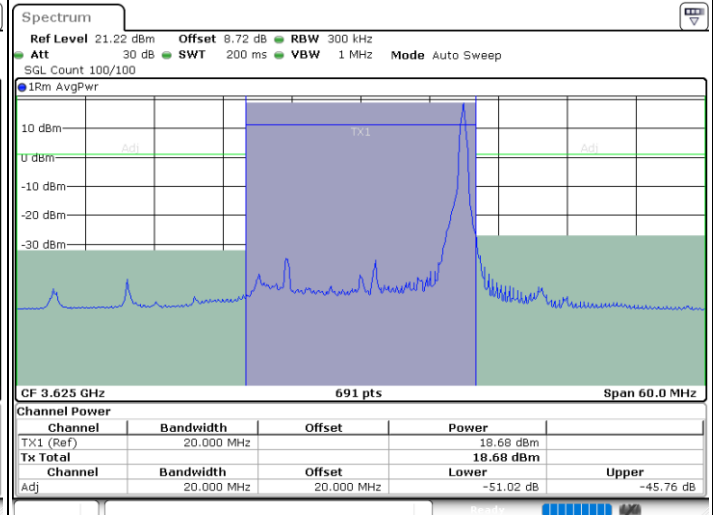
LTE Band 48 / 20MHz

64QAM

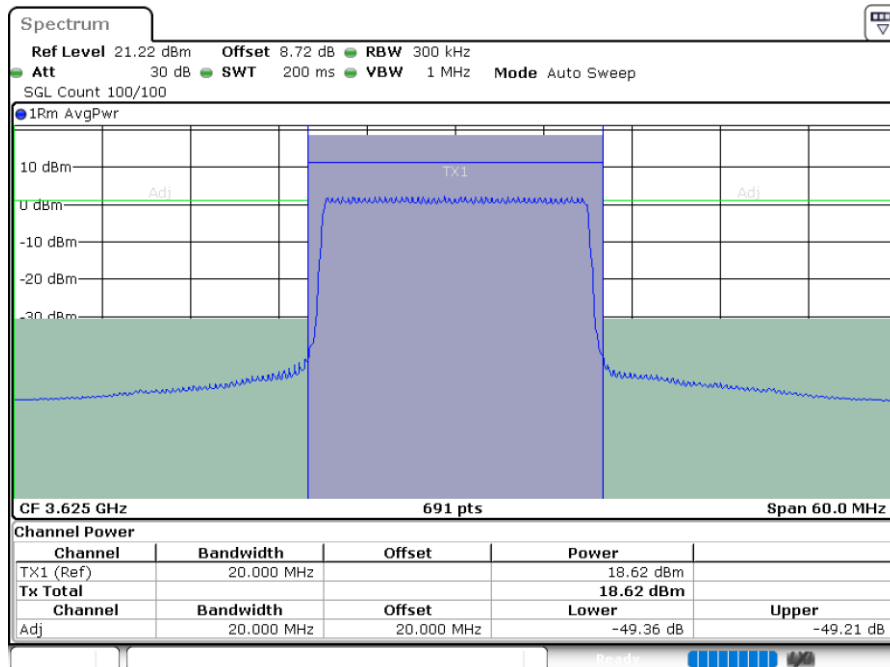
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB

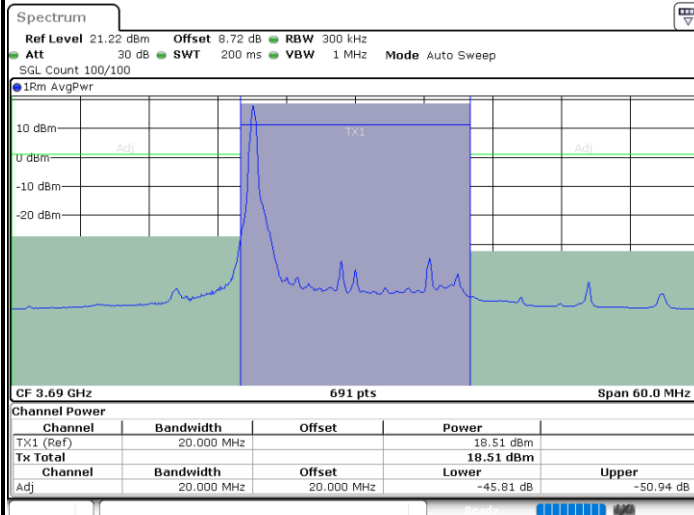




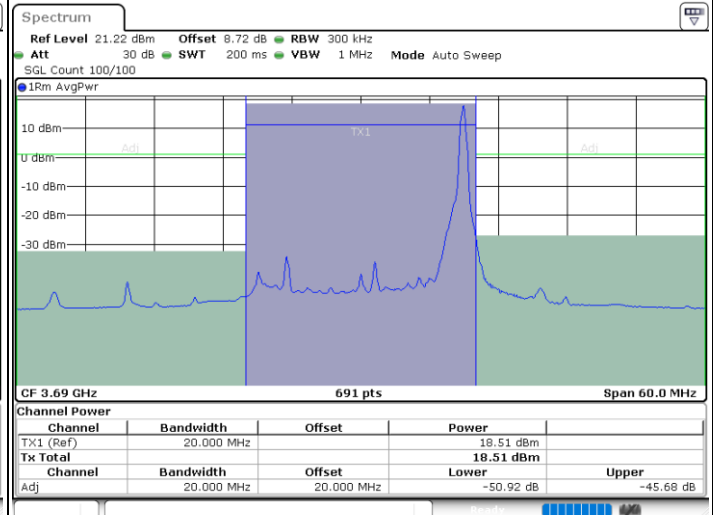
LTE Band 48 / 20MHz

64QAM

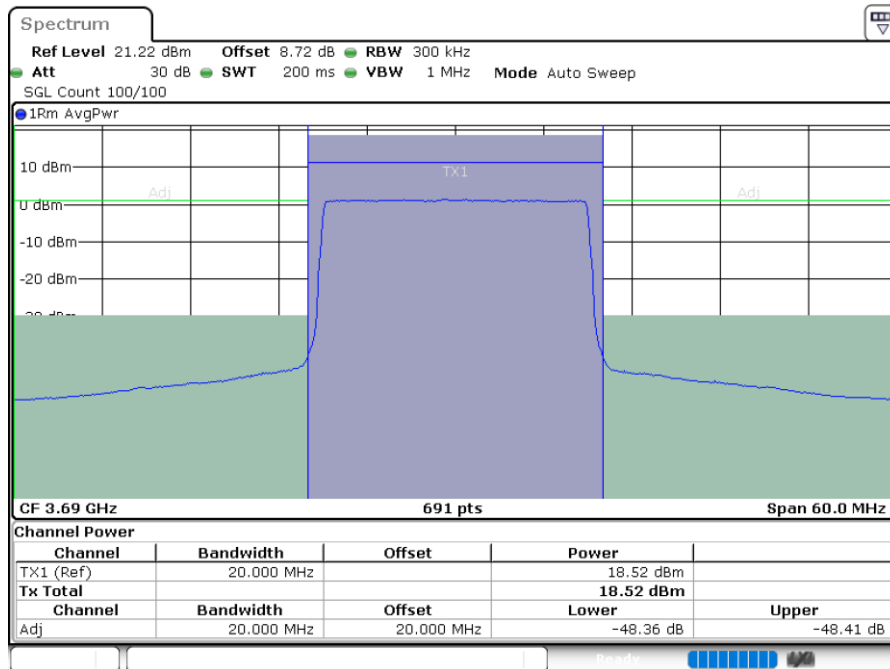
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / FullRB

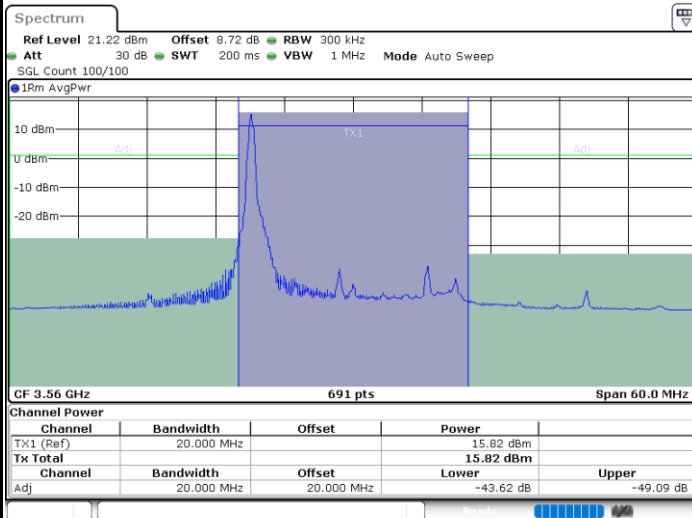




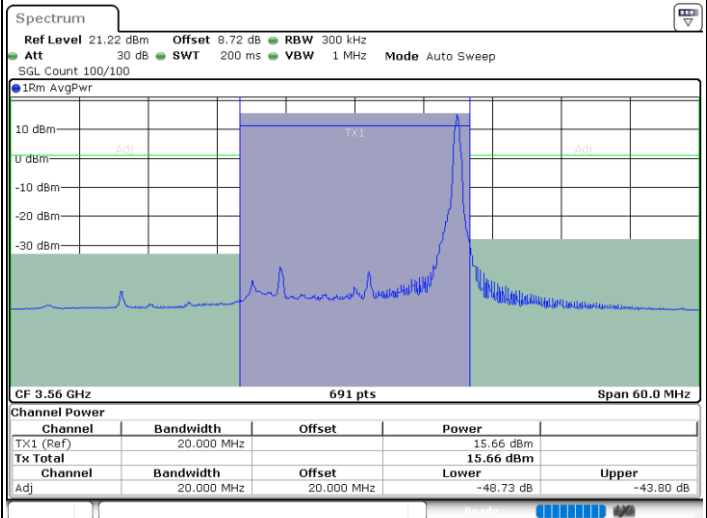
LTE Band 48 / 20MHz

256QAM

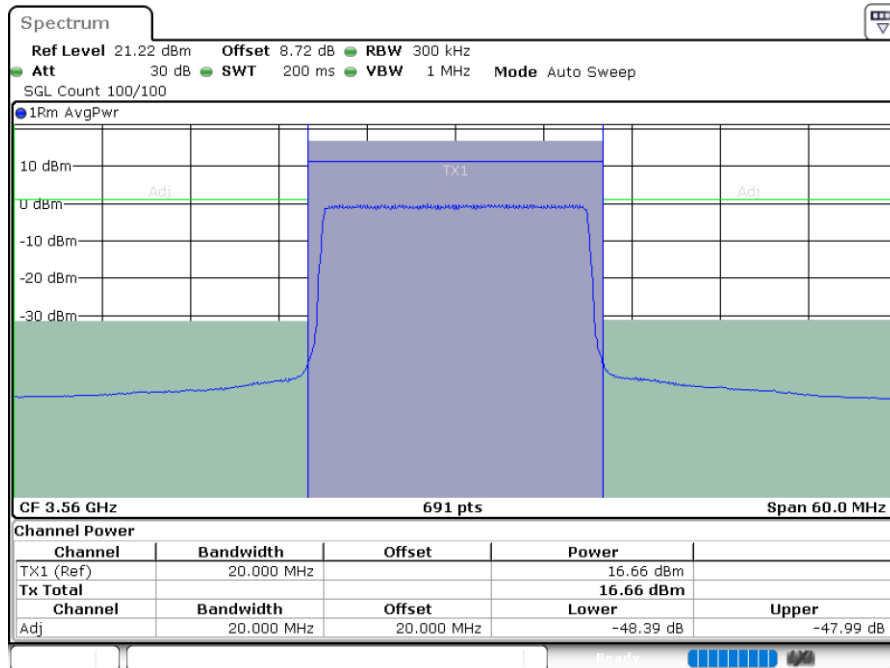
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB

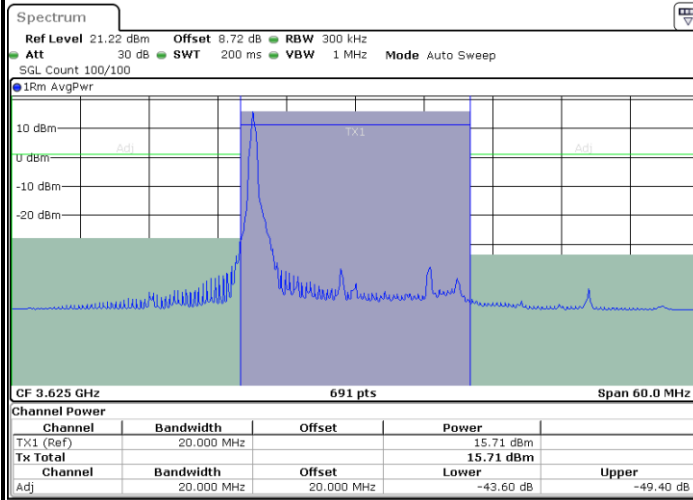




LTE Band 48 / 20MHz

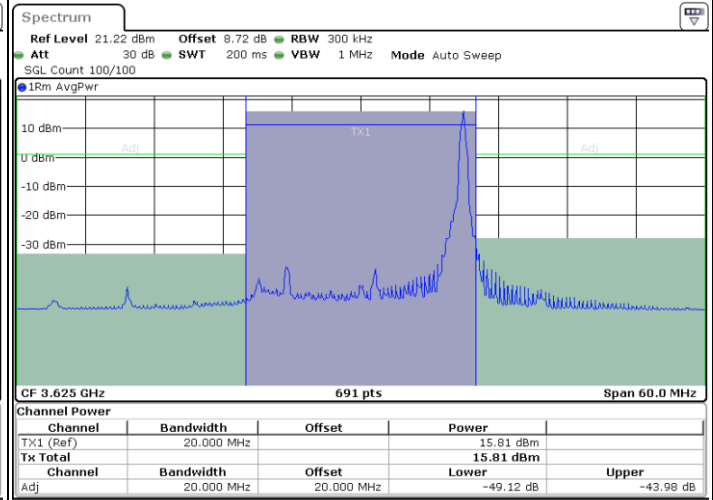
256QAM

Middle Channel / 1RB0



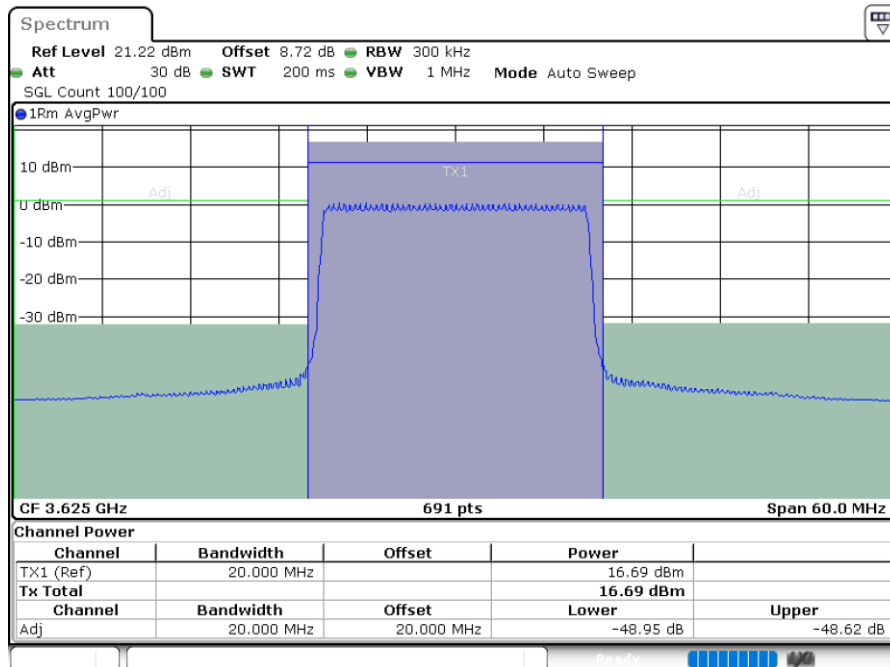
Date: 24.JUL.2024 05:42:44

Middle Channel / 1RBmax



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

Middle Channel / FullRB



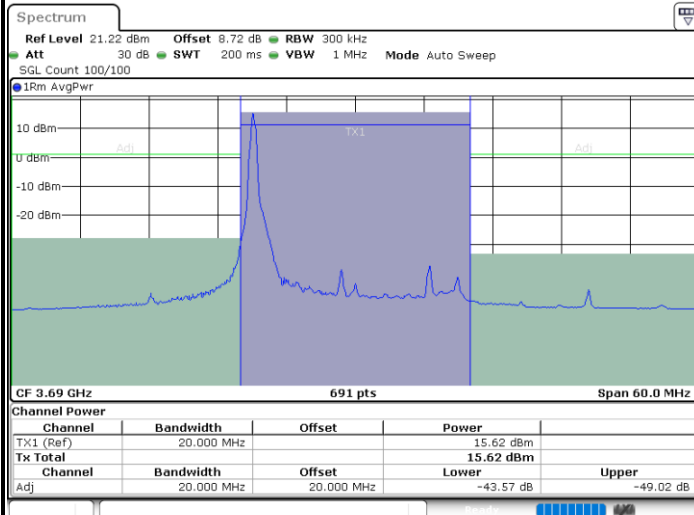
Date: 24.JUL.2024 05:48:37



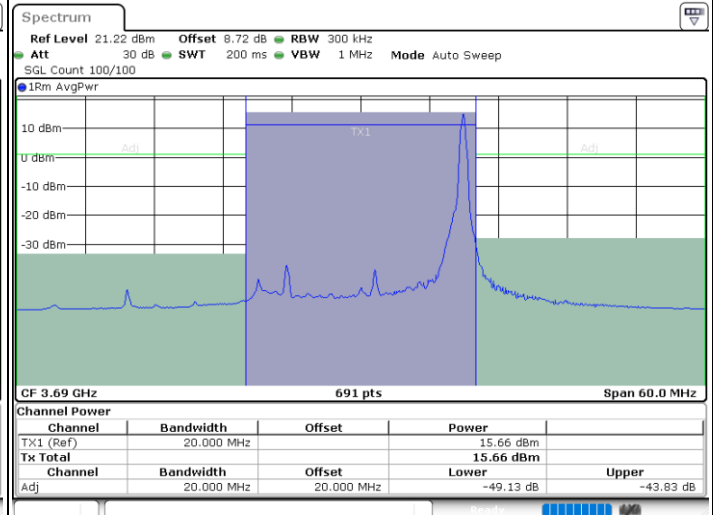
LTE Band 48 / 20MHz

256QAM

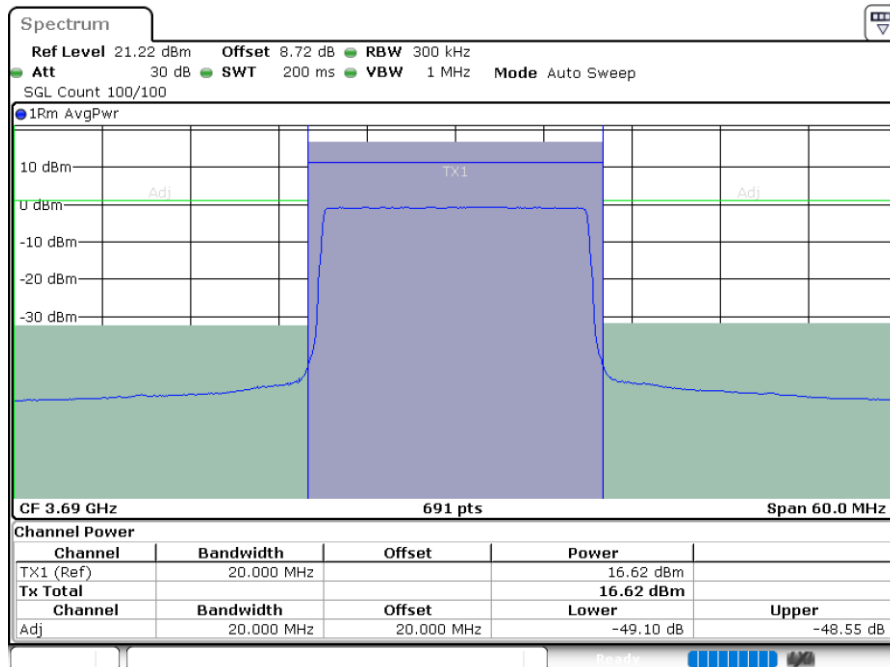
Highest Channel / 1RB0



Highest Channel / 1RBmax

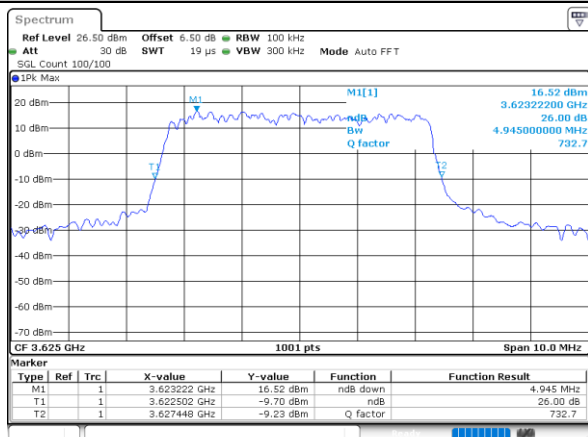
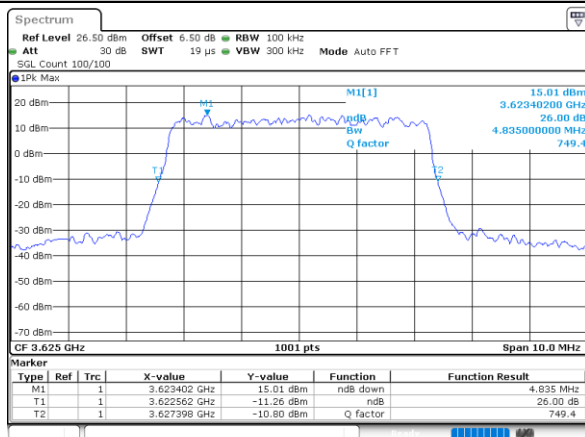


Highest Channel / FullRB



**26dB Bandwidth**

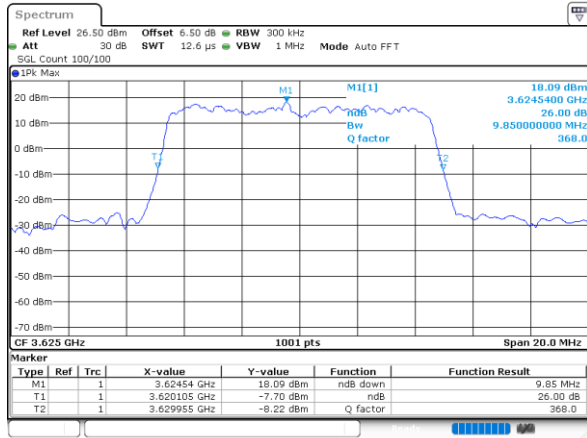
Mode	LTE Band 48 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.95	4.84
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.85	9.73
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.27	14.39
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.94	18.74

LTE Band 48 5MHz / Middle channel / Full RB**QPSK****16QAM**



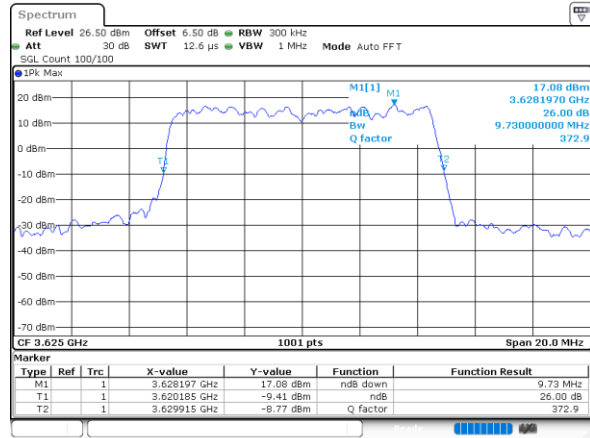
LTE Band 48 10MHz / Middle channel / Full RB

QPSK



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

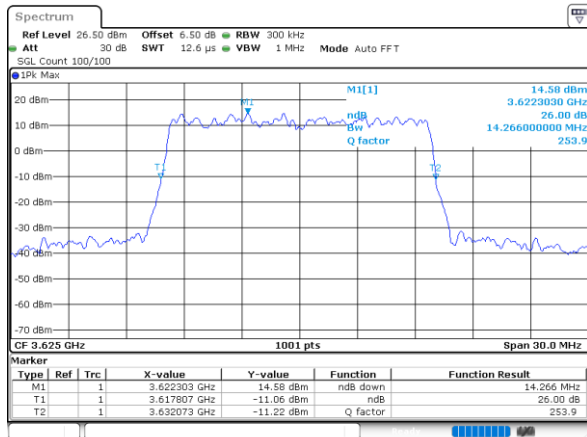
16QAM



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

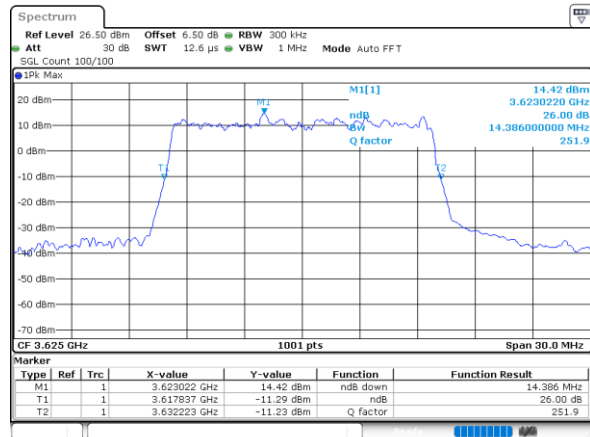
LTE Band 48 15MHz / Middle channel / Full RB

QPSK



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

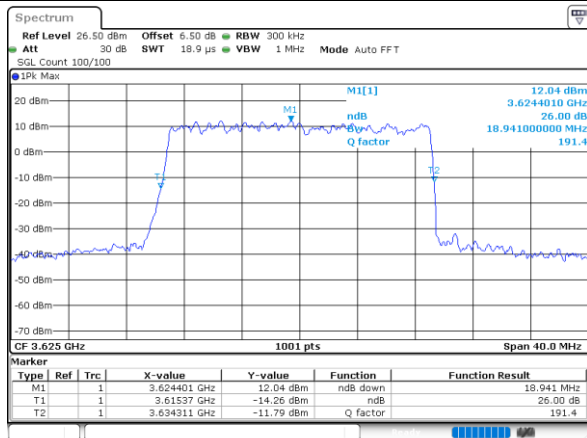
16QAM



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

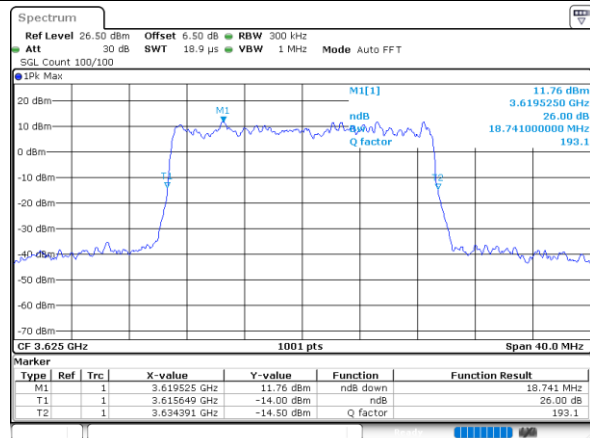
LTE Band 48 20MHz / Middle channel / Full RB

QPSK



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

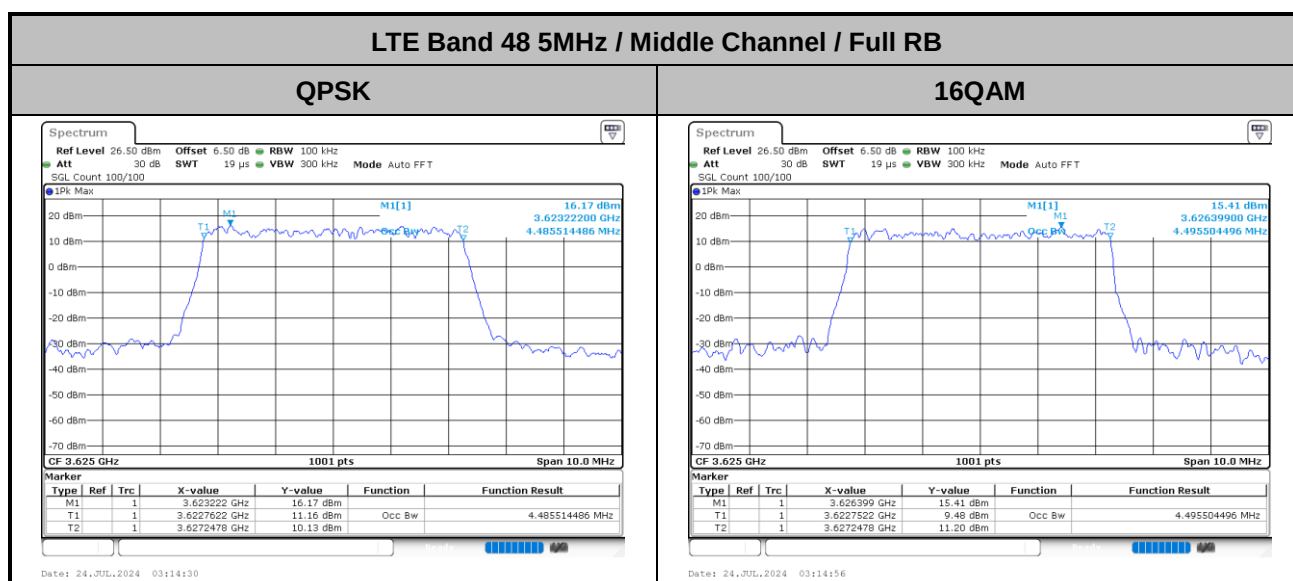
16QAM



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

**Occupied Bandwidth**

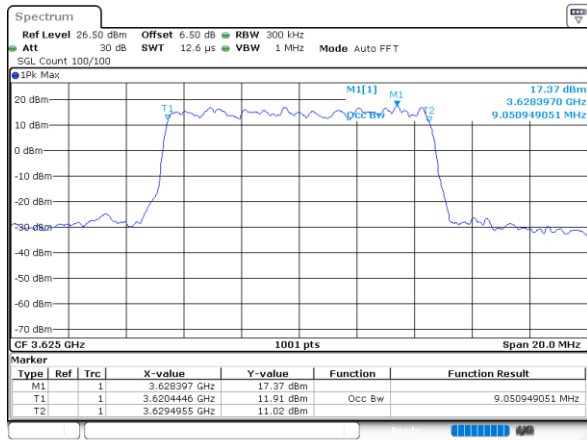
Mode	LTE Band 48 : 99%OBW(MHz)	
BW	5MHZ	
Mod.	QPAK	16QAM
Middle CH	4.49	4.50
BW	10MHZ	
Mod.	QPAK	16QAM
Middle CH	9.05	9.07
BW	15MHZ	
Mod.	QPAK	16QAM
Middle CH	13.52	13.43
BW	20MHZ	
Mod.	QPAK	16QAM
Middle CH	17.94	17.86





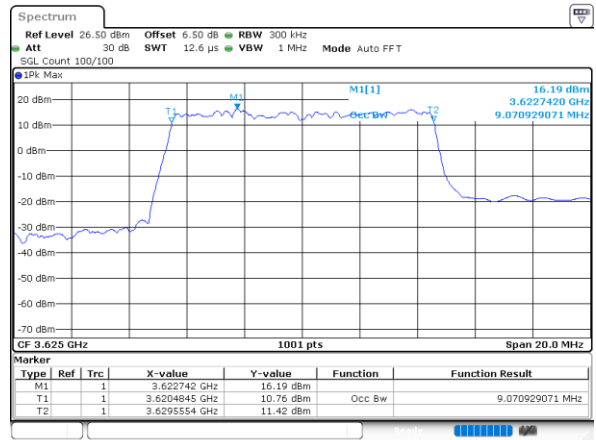
LTE Band 48 10MHz / Middle Channel / Full RB

QPSK



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

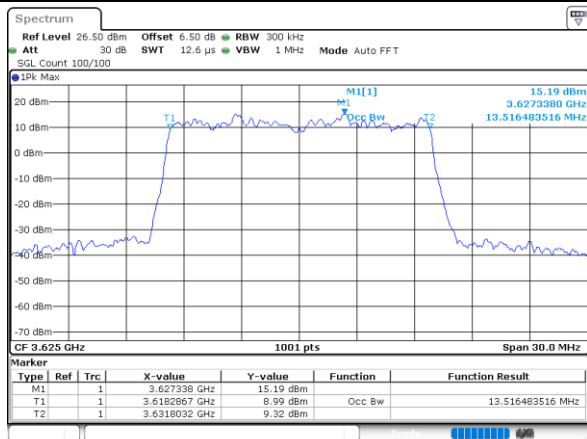
16QAM



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

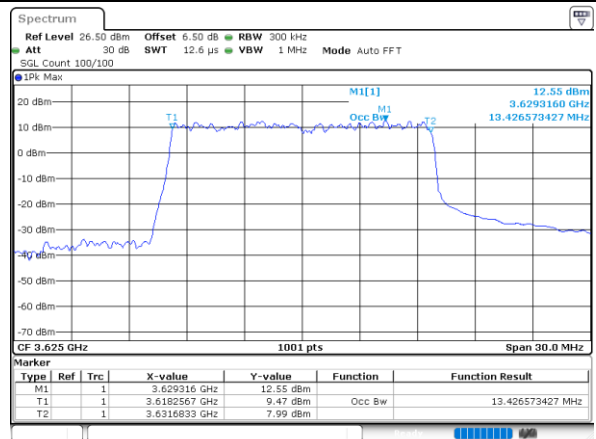
LTE Band 48 15MHz / Middle Channel / Full RB

QPSK



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

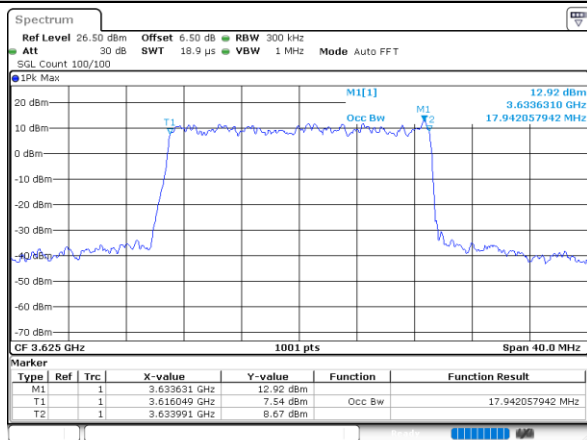
16QAM



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

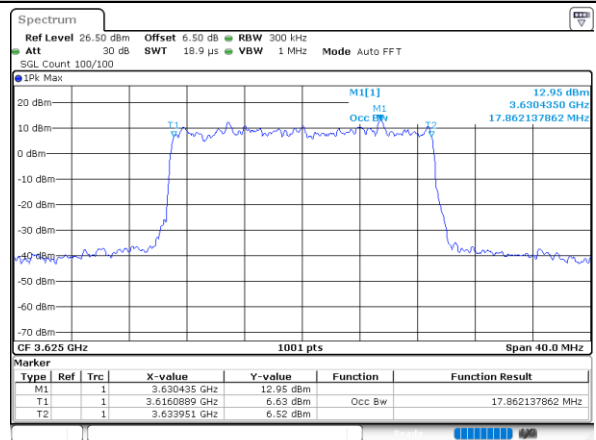
LTE Band 48 20MHz / Middle Channel / Full RB

QPSK

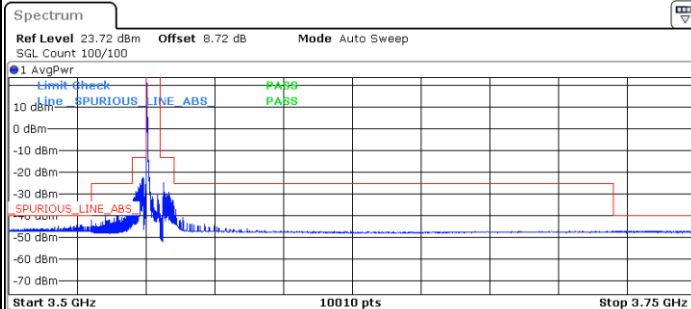


Date: 24.JUL.2024 03:32:50

16QAM

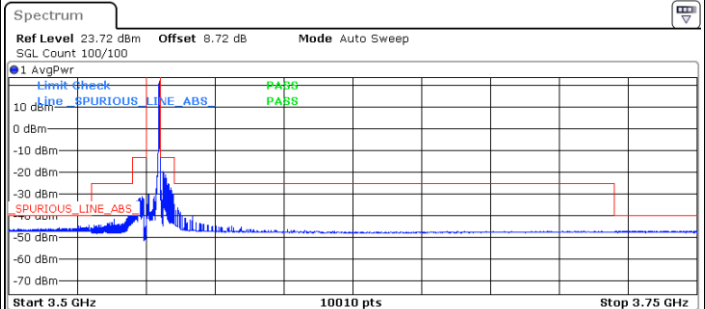


Date: 24.JUL.2024 03:33:16

**Conducted Band Edge****LTE Band 48 / 5MHz****QPSK****Lowest Channel / 1RB0****Lowest Channel / 1RBmax**

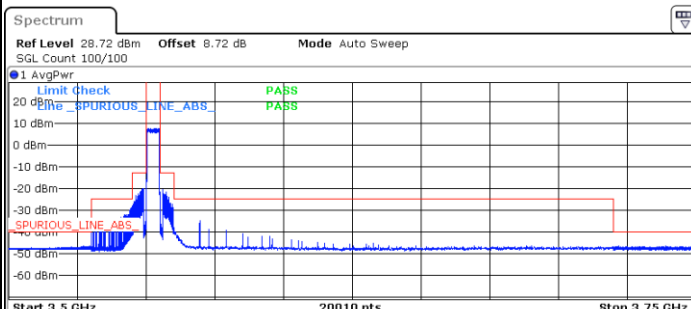
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52588 GHz	-44.35 dBm	-4.35 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-37.30 dBm	-12.30 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54488 GHz	-34.59 dBm	-9.59 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54872 GHz	-22.09 dBm	-9.09 dB
3.549 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

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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	3.54460 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

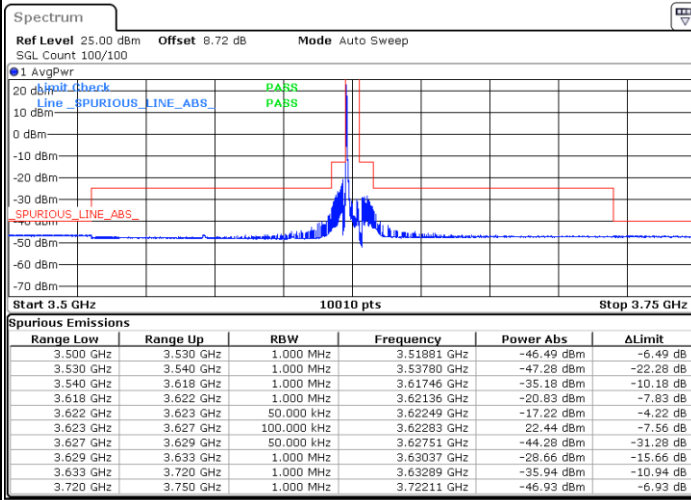


LTE Band 48 / 5MHz

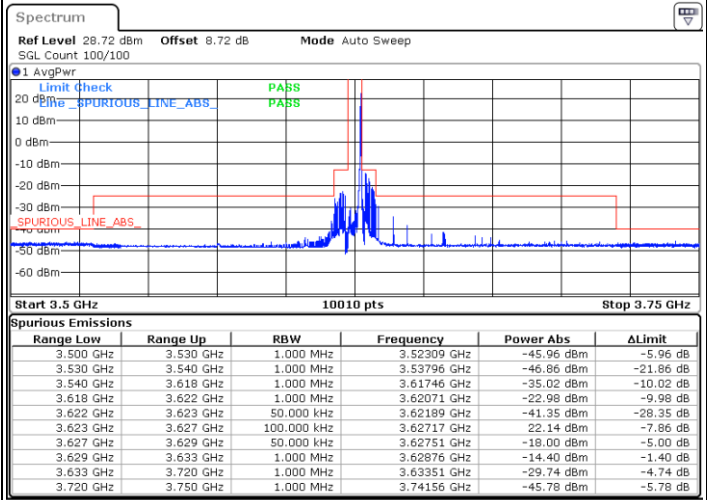
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



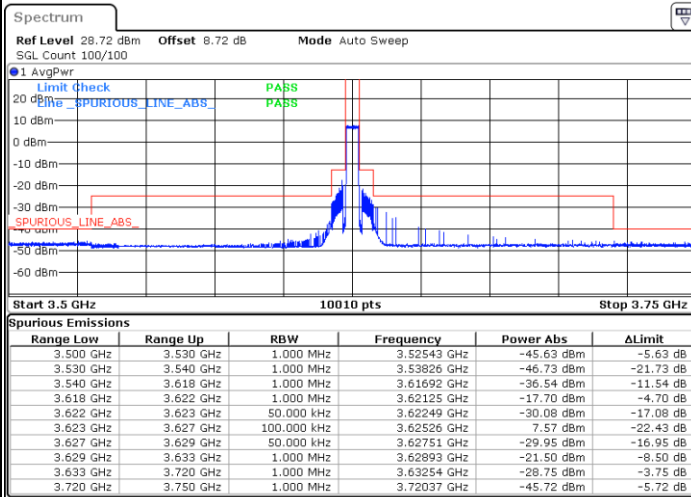
Date: 23.JUL.2024 22:06:56



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

Middle Channel / Full

N/A



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

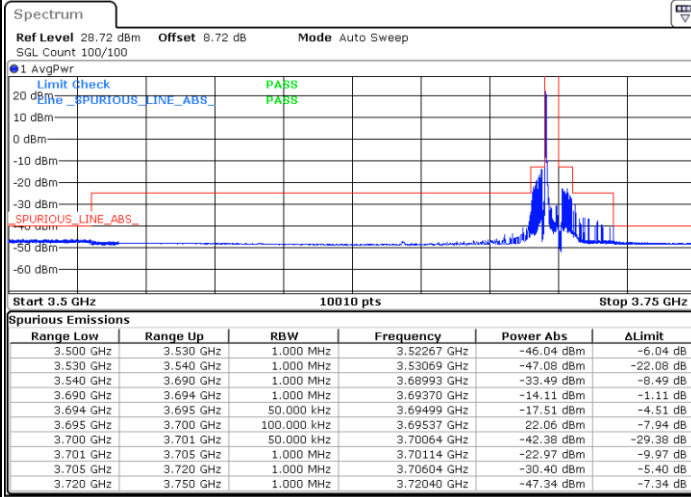


LTE Band 48 / 5MHz

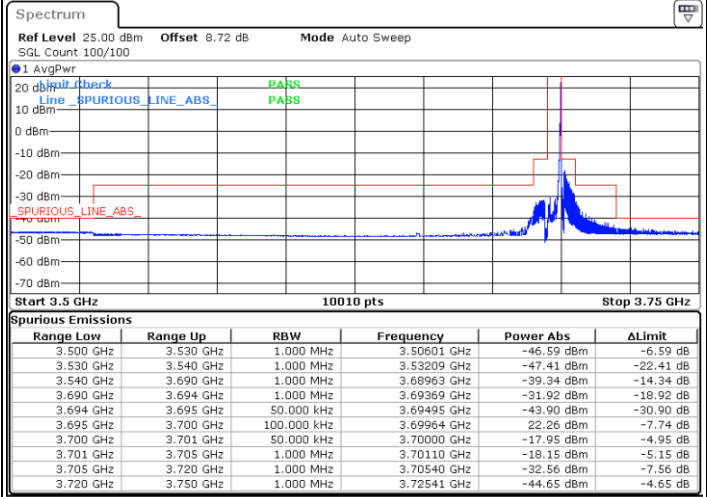
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



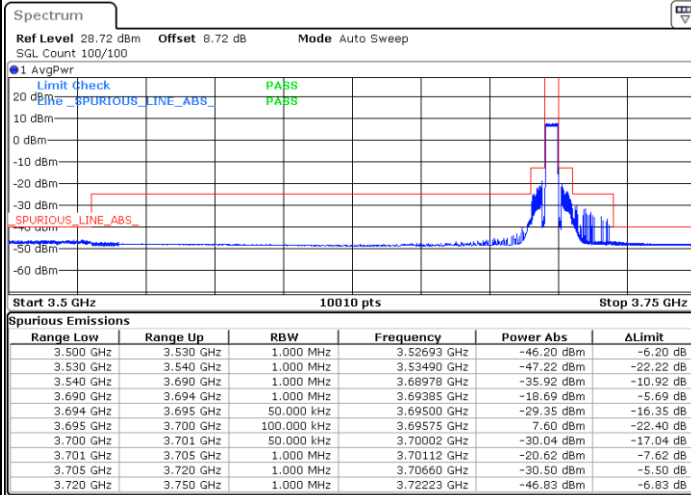
Date: 23.JUL.2024 19:09:44



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

Highest Channel / FullIRB

N/A



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

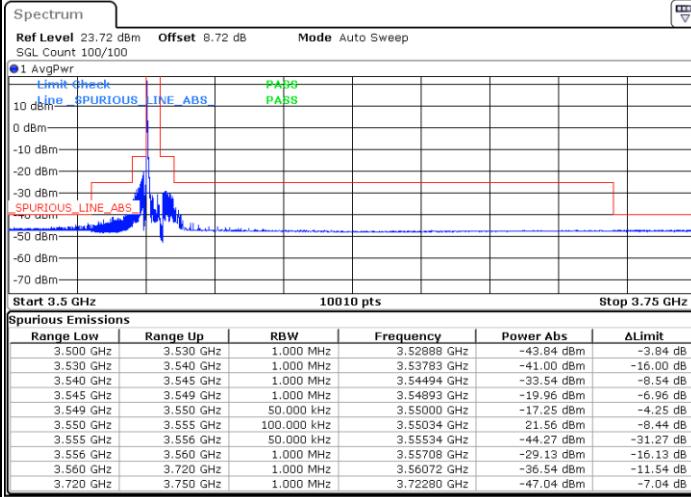


LTE Band 48 / 5MHz

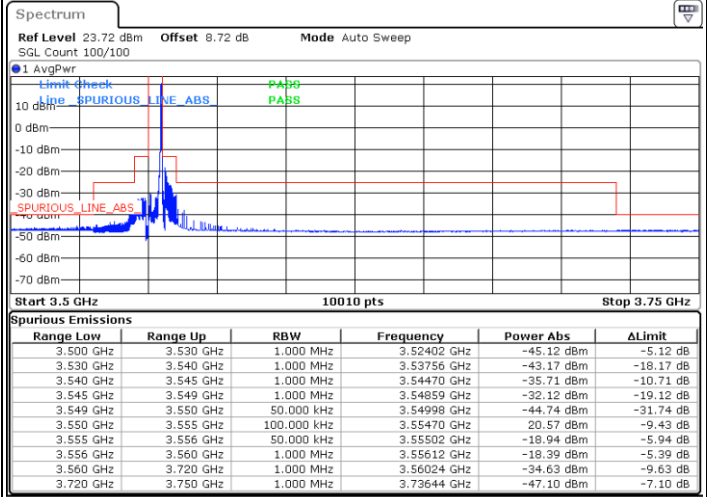
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



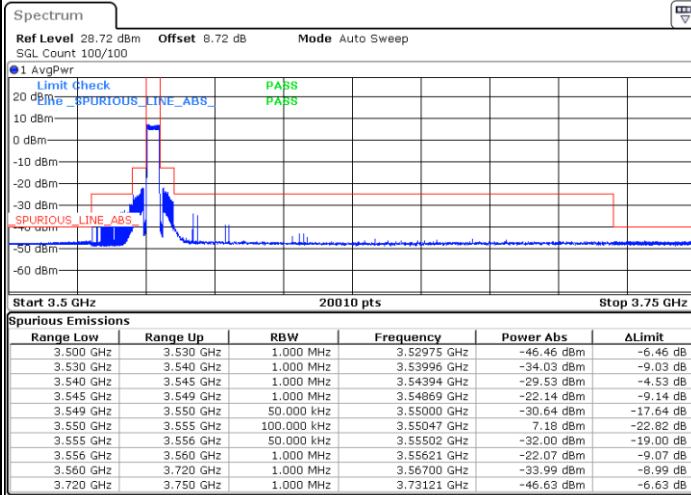
Date: 23.JUL.2024 21:25:38



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

Lowest Channel / FullRB

N/A



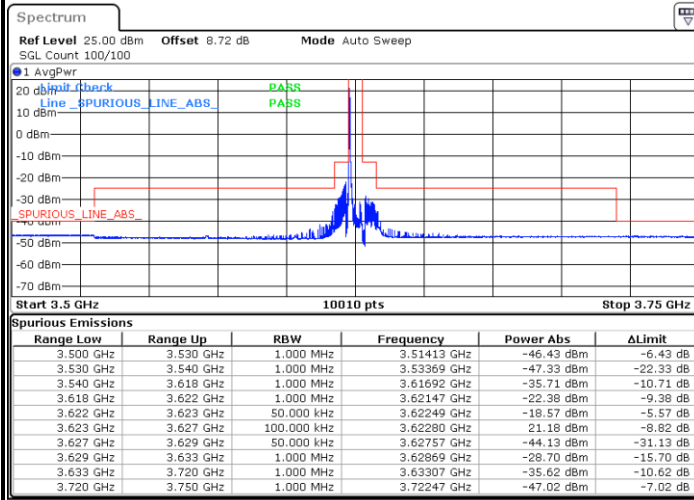
Date: 23.JUL.2024 18:31:05



LTE Band 48 / 5MHz

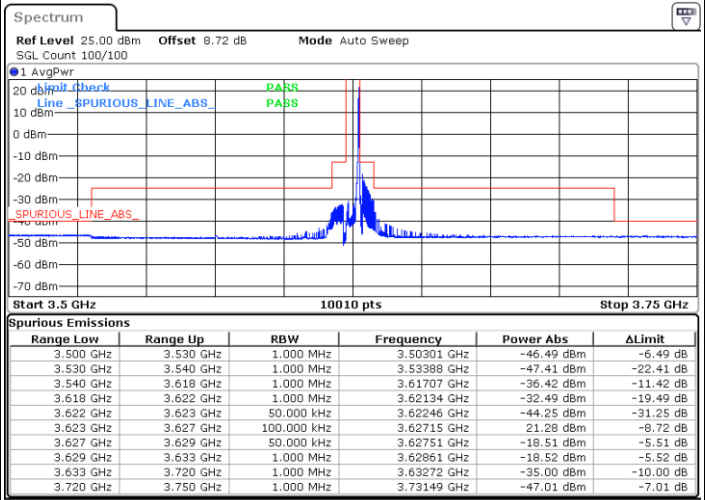
16QAM

Middle Channel / 1RB0



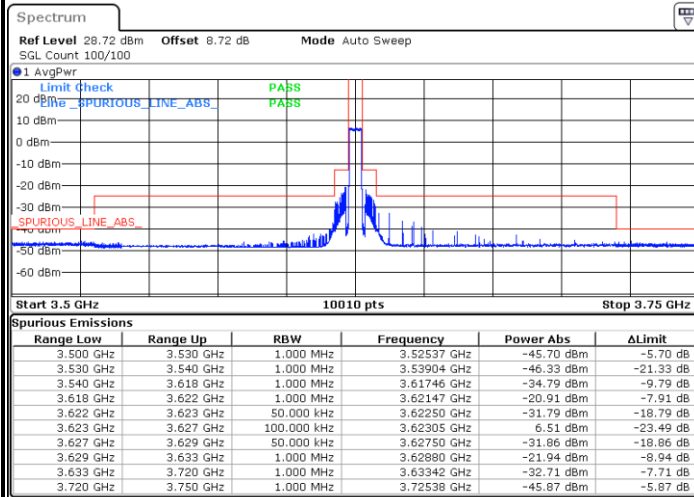
Date: 23.JUL.2024 22:09:52

Middle Channel / 1RBmax



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

Middle Channel / Full



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

N/A

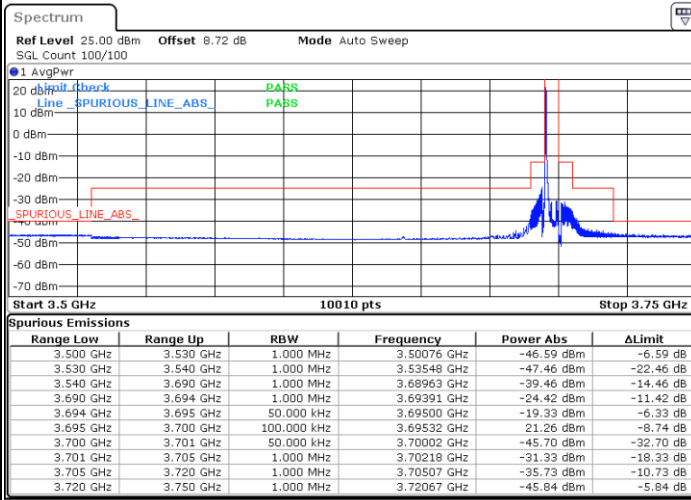


LTE Band 48 / 5MHz

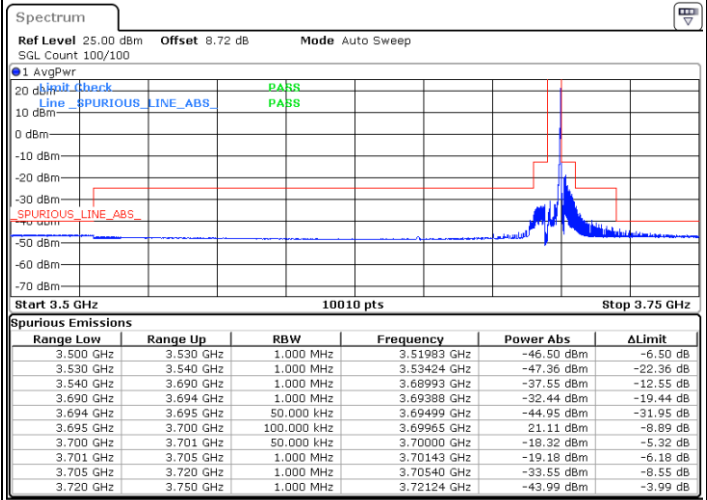
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



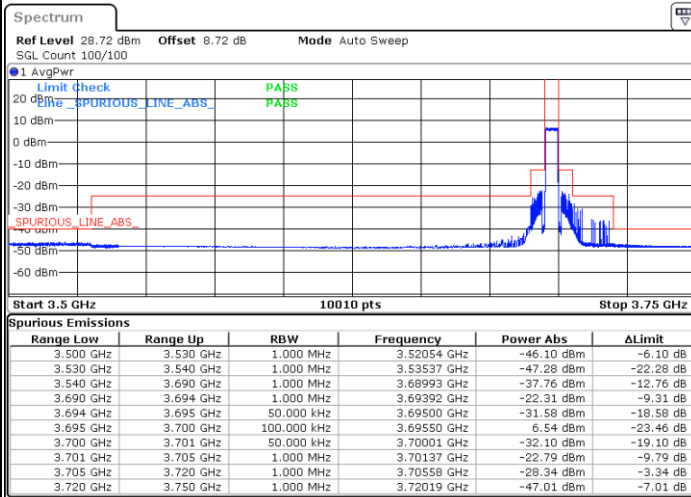
Date: 23.JUL.2024 22:21:33



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

Highest Channel / FullIRB

N/A



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