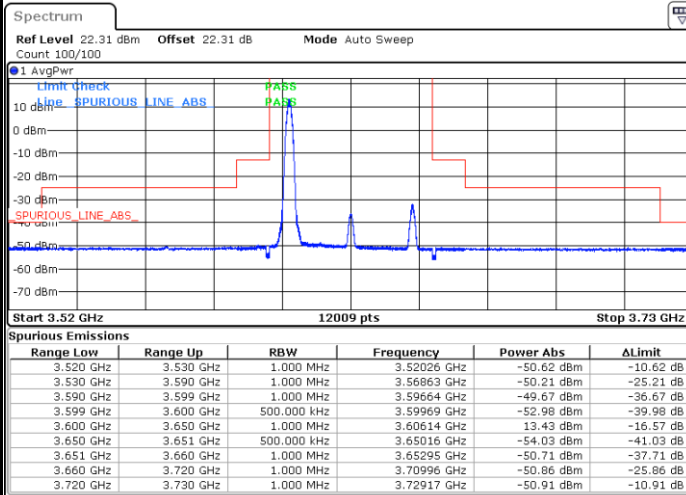




FR1 n48 / 40MHz / CP OFDM / 64QAM

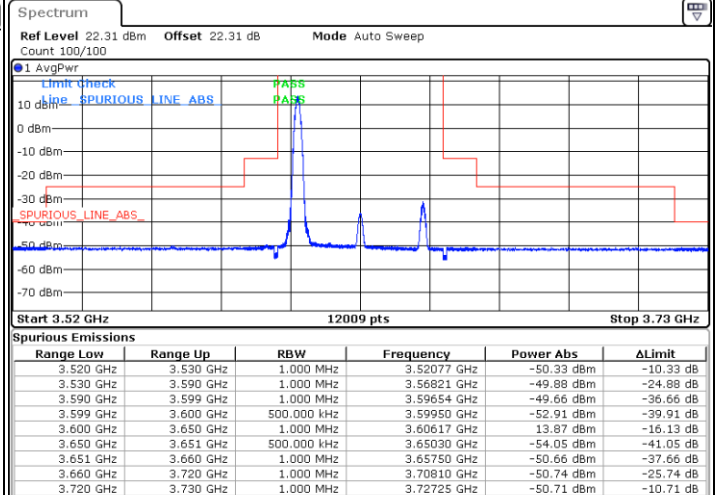
Middle Channel

1RB0



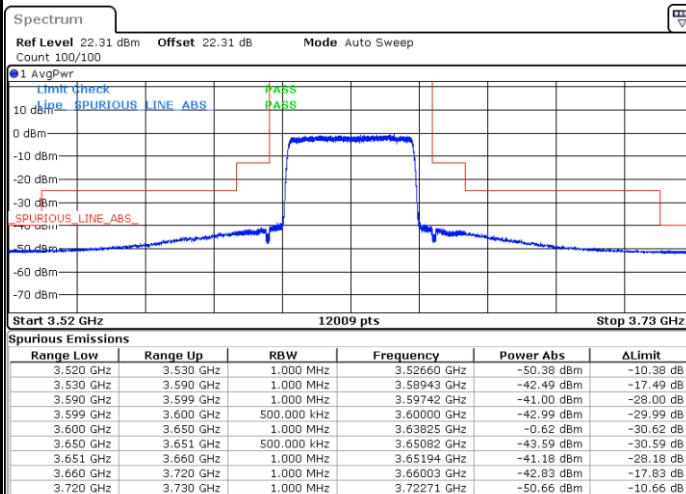
Date: 3.OCT.2022 21:19:13

1RBmax



Date: 30.SEP.2022 23:04:51

Full RB



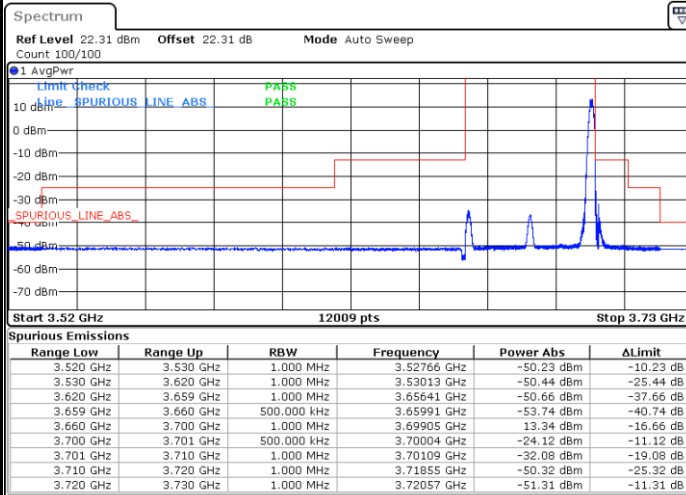
Date: 30.SEP.2022 21:00:13



FR1 n48 / 40MHz / CP OFDM / 64QAM

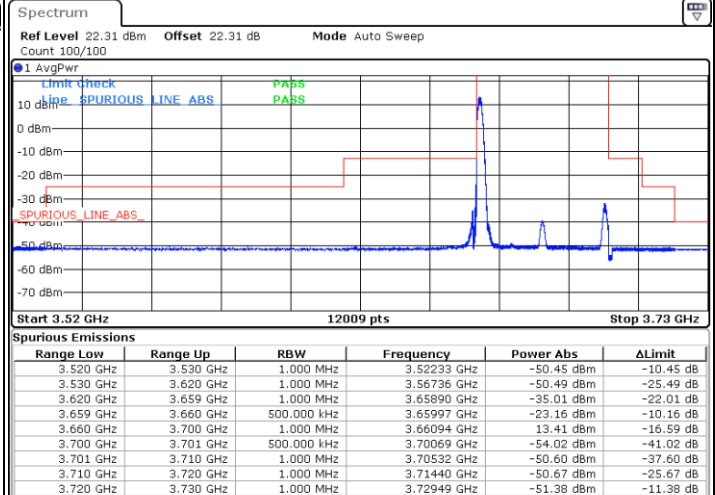
Highest Channel

1RB0



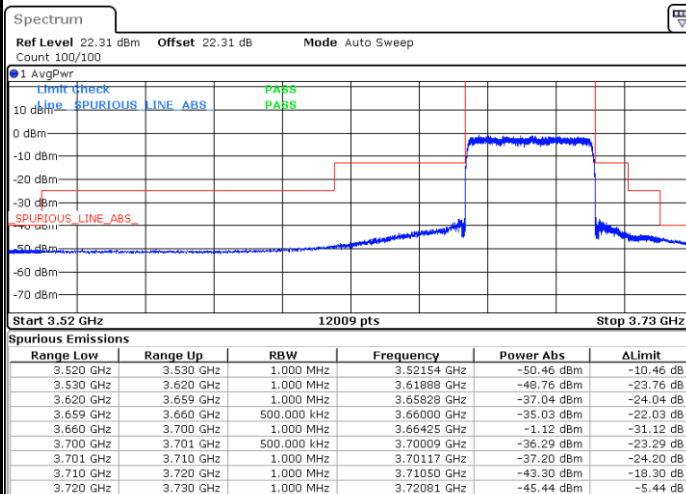
Date: 30.SEP.2022 23:09:05

1RBmax



Date: 30.SEP.2022 23:06:50

Full RB



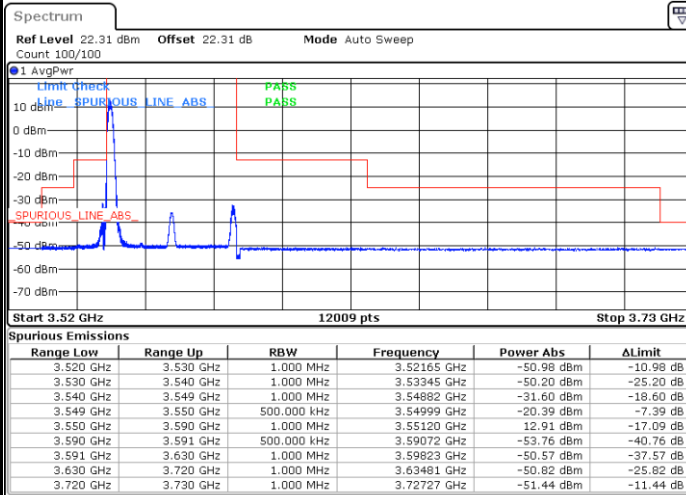
Date: 30.SEP.2022 21:02:44



FR1 n48 / 40MHz / CP OFDM / 256QAM

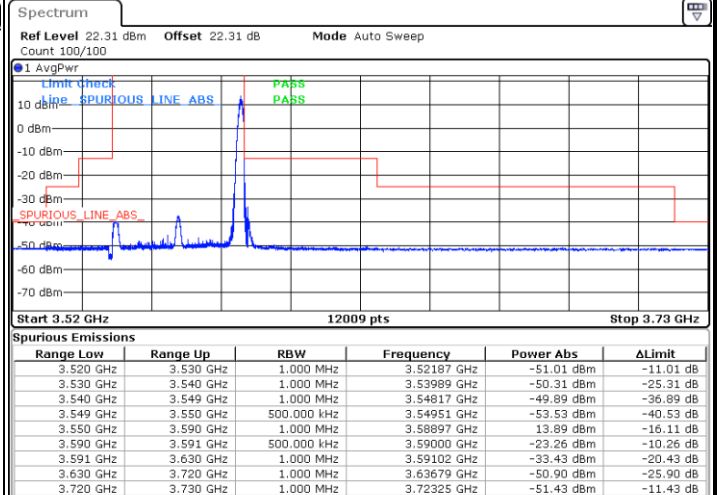
Lowest Channel

1RB0



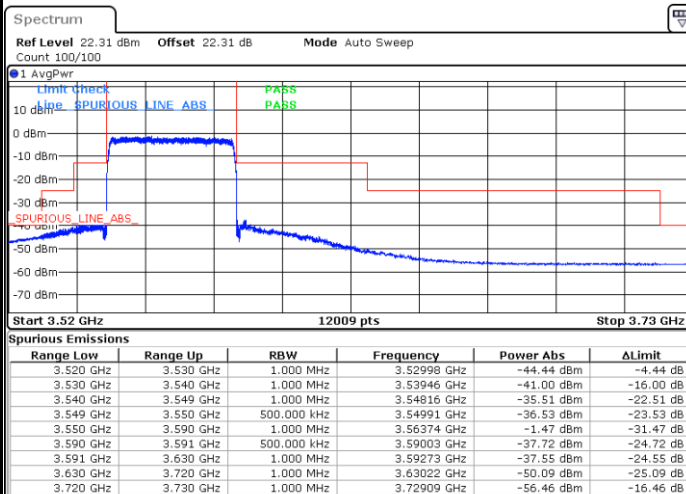
Date: 30.SEP.2022 22:58:44

1RBmax



Date: 30.SEP.2022 22:59:15

Full RB



Date: 30.SEP.2022 20:59:09

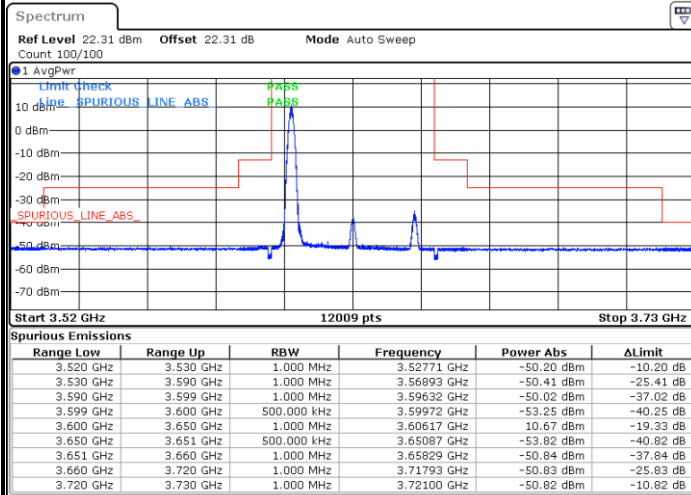


FR1 n48 / 40MHz / CP OFDM / 256QAM

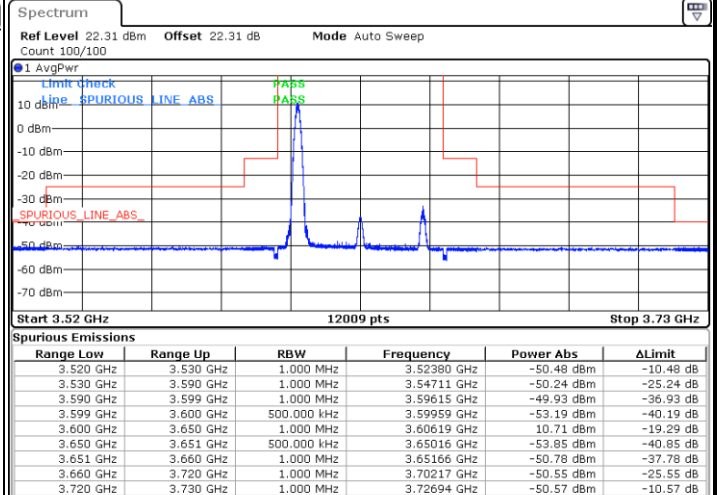
Middle Channel

1RB0

1RBmax

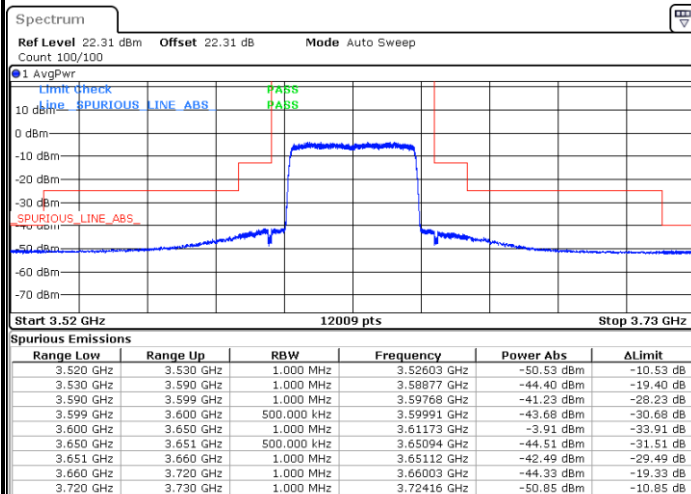


Date: 3.OCT.2022 21:19:29



Date: 30.SEP.2022 23:05:07

Full RB



Date: 30.SEP.2022 20:59:44

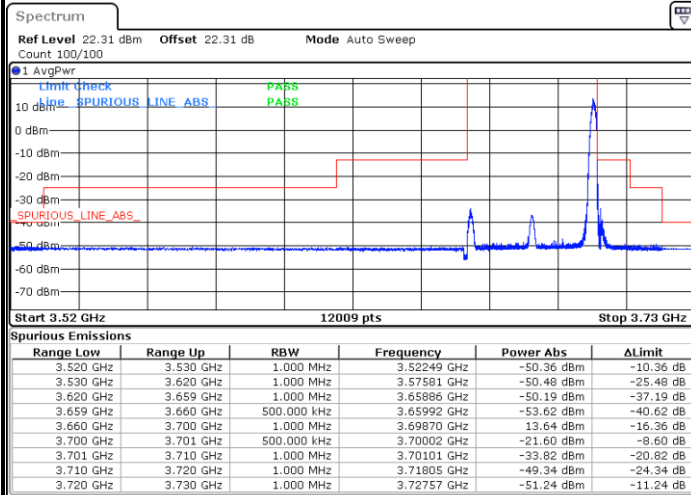


FR1 n48 / 40MHz / CP OFDM / 256QAM

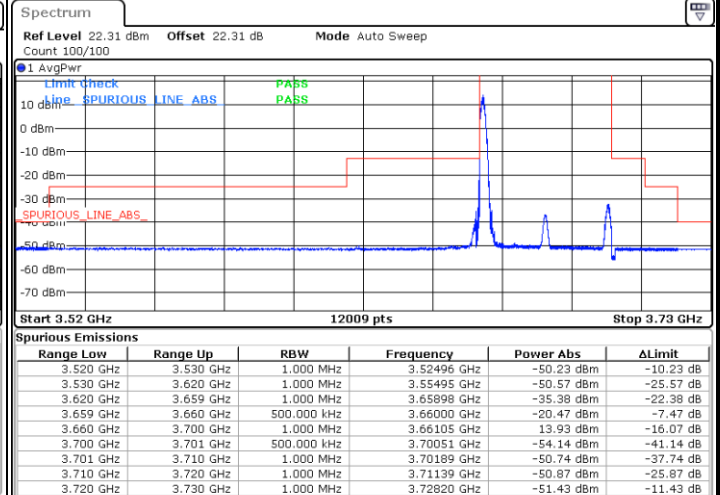
Highest Channel

1RB0

1RBmax

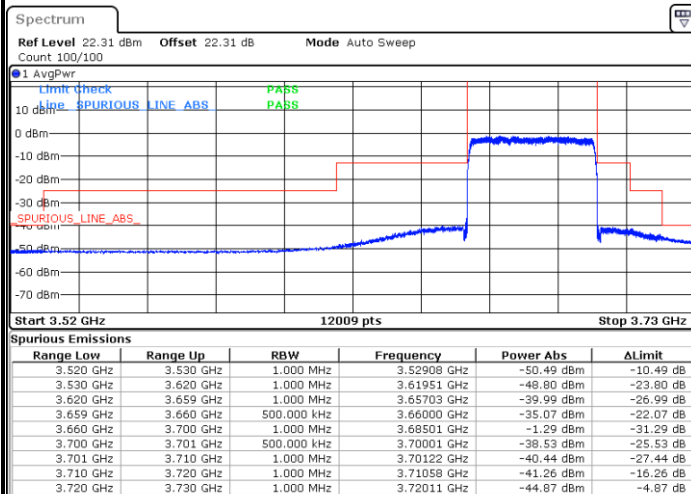


Date: 30.SEP.2022 23:09:24



Date: 30.SEP.2022 23:06:25

Full RB



Date: 30.SEP.2022 21:03:11

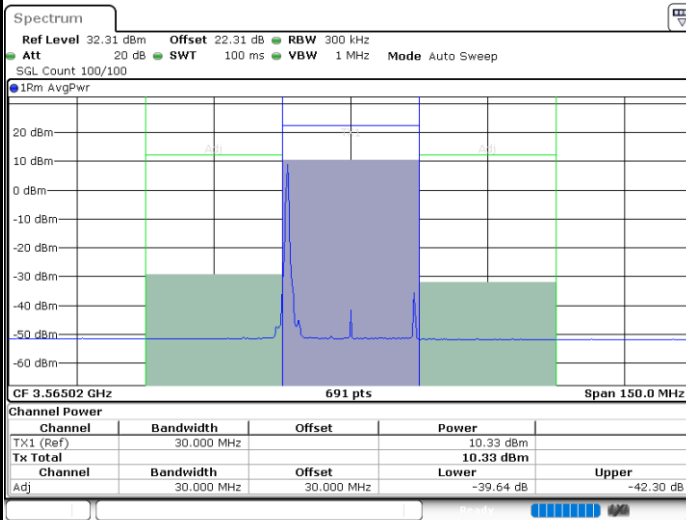


Adjacent Channel Leakage Ratio (ACLR)

FR1 n48 / 30MHz / CP OFDM / QPSK

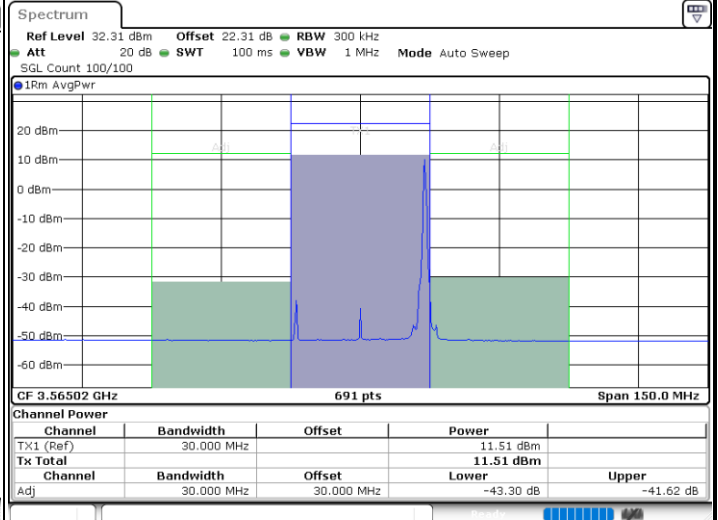
Lowest Channel

1RB0



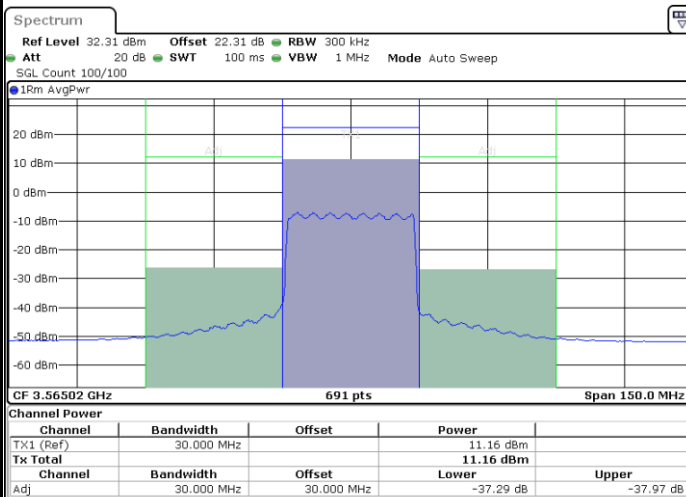
Date: 3.OCT.2022 14:49:04

1RBmax



Date: 3.OCT.2022 15:06:45

Full RB



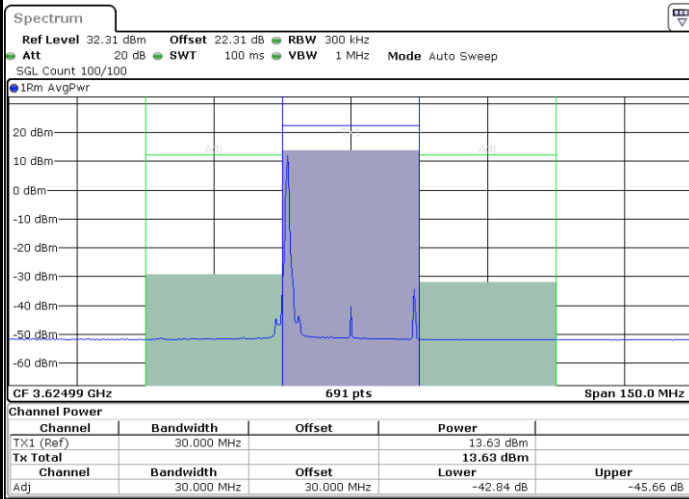
Date: 3.OCT.2022 15:13:36



FR1 n48 / 30MHz / CP OFDM / QPSK

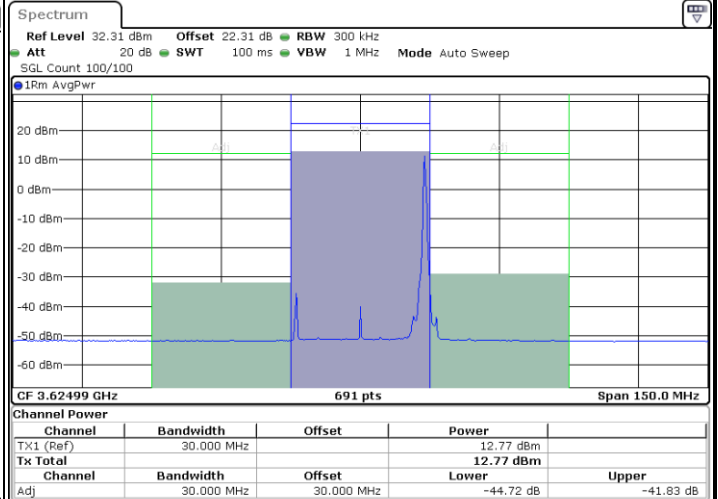
Middle Channel

1RB0



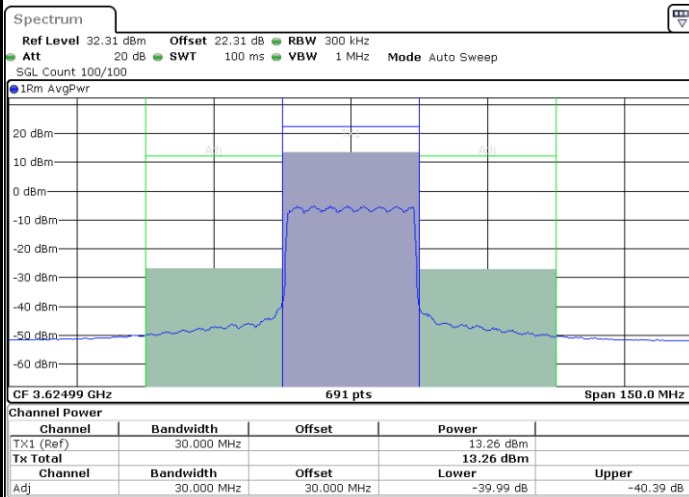
Date: 3.OCT.2022 14:51:43

1RBmax



Date: 3.OCT.2022 15:08:45

Full RB

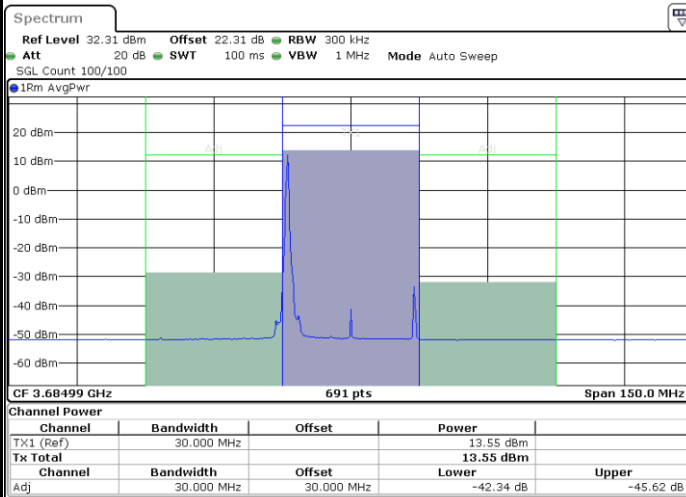


Date: 3.OCT.2022 15:15:29

FR1 n48 / 30MHz / CP OFDM / QPSK

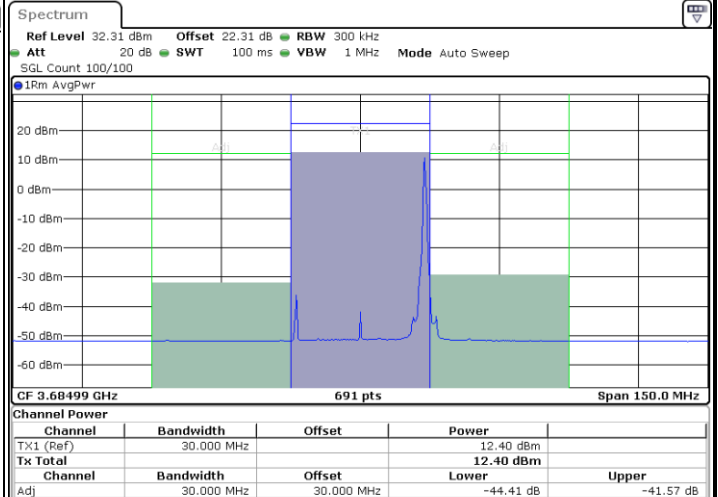
Highest Channel

1RB0



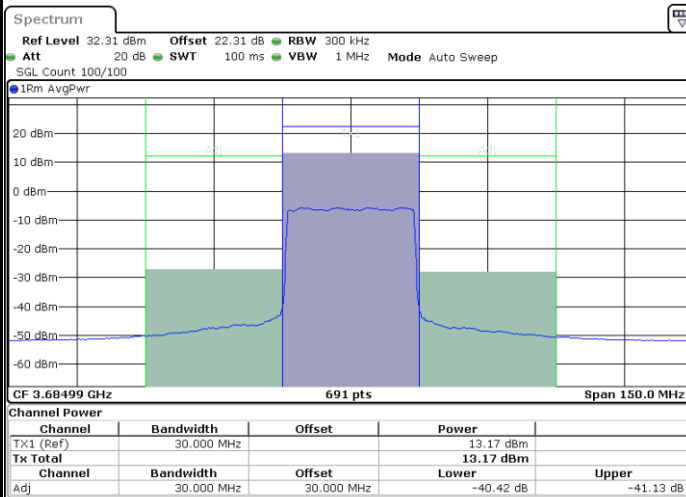
Date: 3.OCT.2022 14:58:34

1RBmax



Date: 3.OCT.2022 15:10:50

Full RB



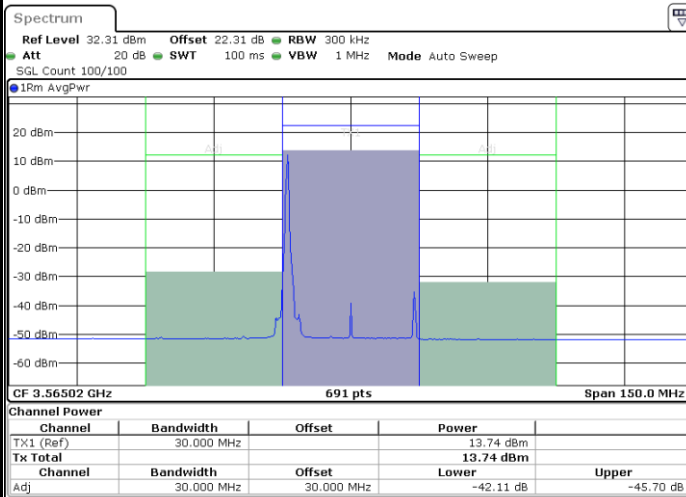
Date: 3.OCT.2022 15:19:31



FR1 n48 / 30MHz / CP OFDM / 16QAM

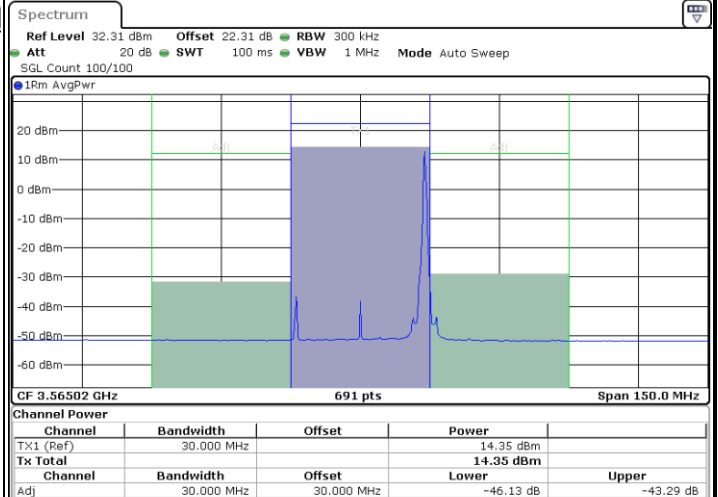
Lowest Channel

1RB0



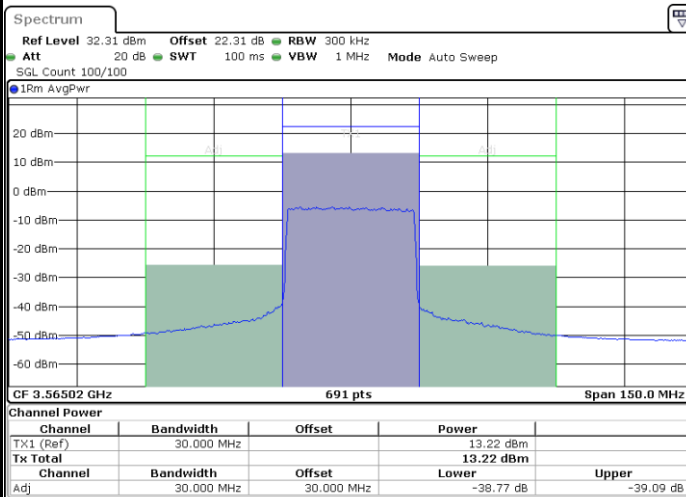
Date: 3.OCT.2022 14:49:43

1RBmax



Date: 3.OCT.2022 15:07:17

Full RB



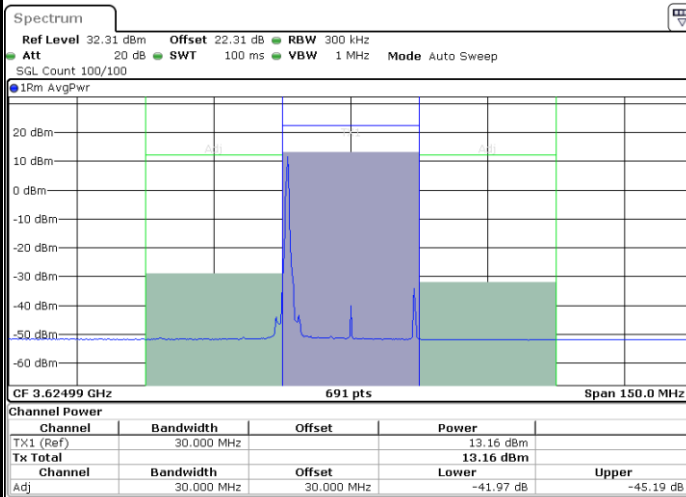
Date: 3.OCT.2022 15:14:02



FR1 n48 / 30MHz / CP OFDM / 16QAM

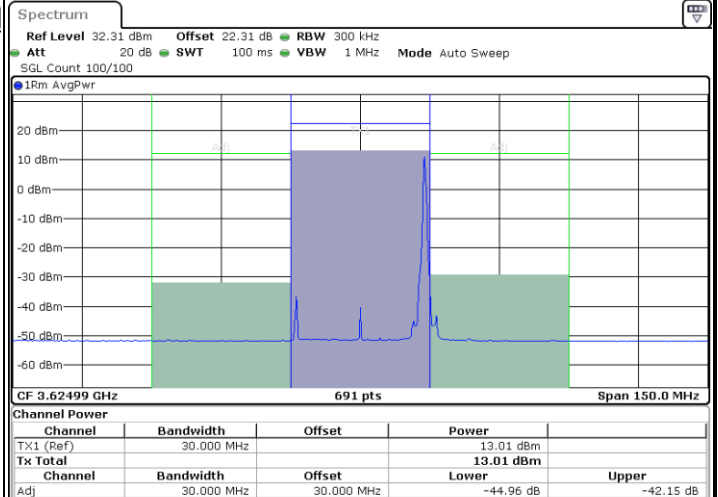
Middle Channel

1RB0



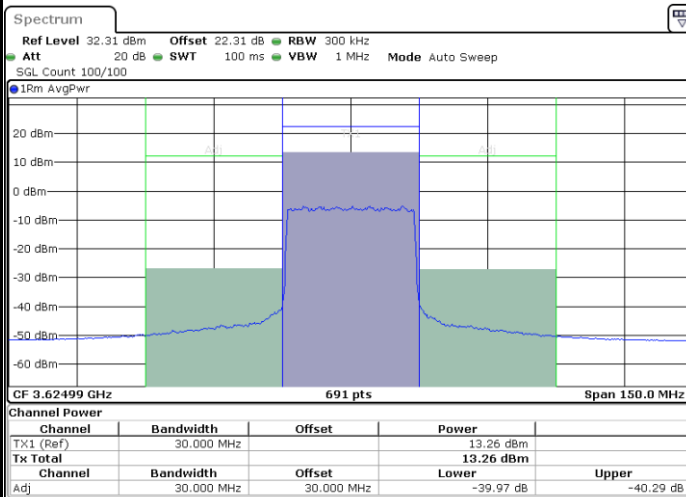
Date: 3.OCT.2022 14:52:21

1RBmax



Date: 3.OCT.2022 15:09:22

Full RB



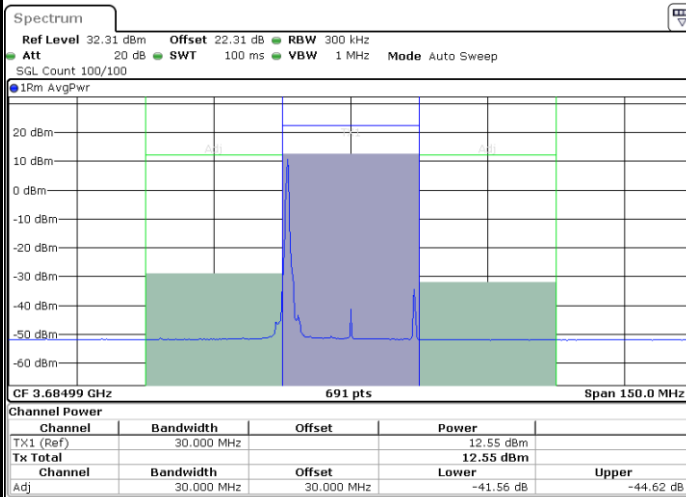
Date: 3.OCT.2022 15:17:32



FR1 n48 / 30MHz / CP OFDM / 16QAM

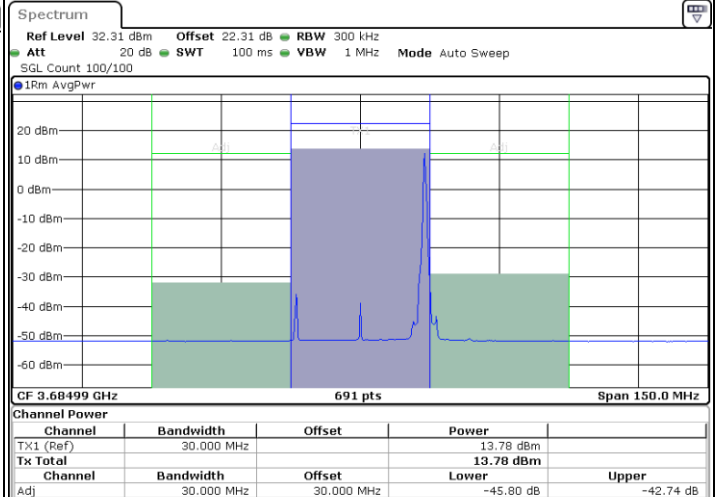
Highest Channel

1RB0



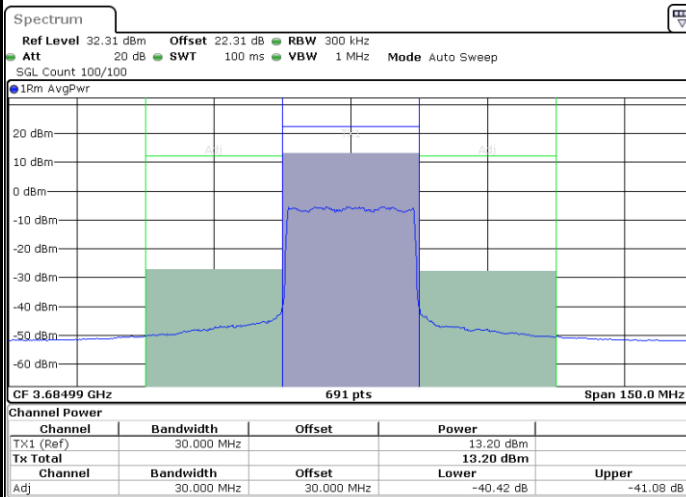
Date: 3.OCT.2022 15:03:07

1RBmax



Date: 3.OCT.2022 15:11:16

Full RB



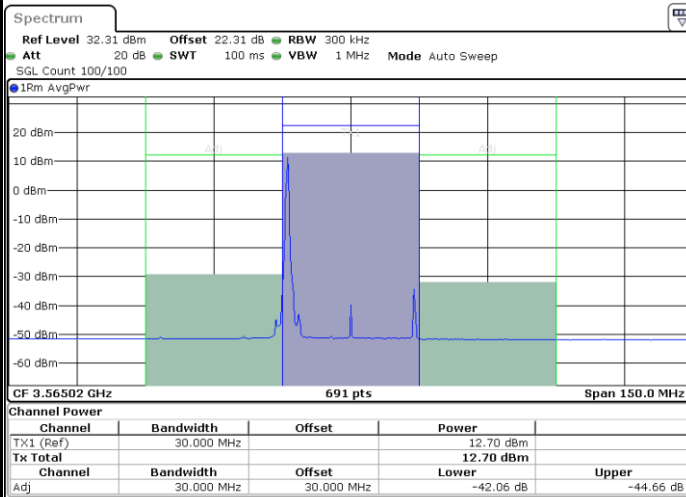
Date: 3.OCT.2022 15:19:59



FR1 n48 / 30MHz / CP OFDM / 64QAM

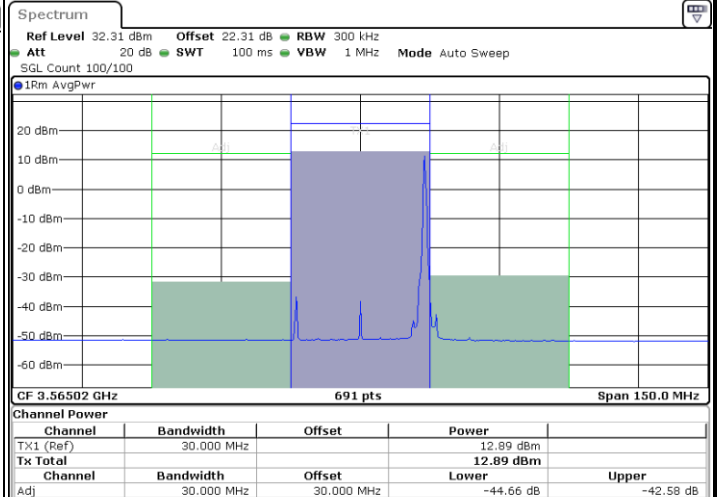
Lowest Channel

1RB0



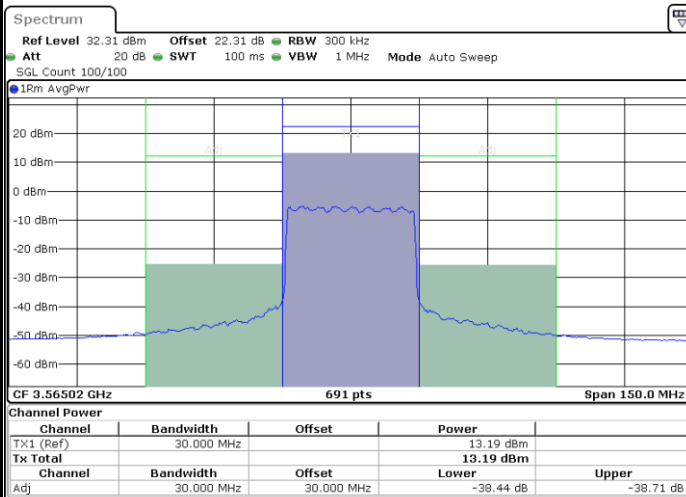
Date: 3.OCT.2022 14:50:26

1RBmax



Date: 3.OCT.2022 15:07:45

Full RB



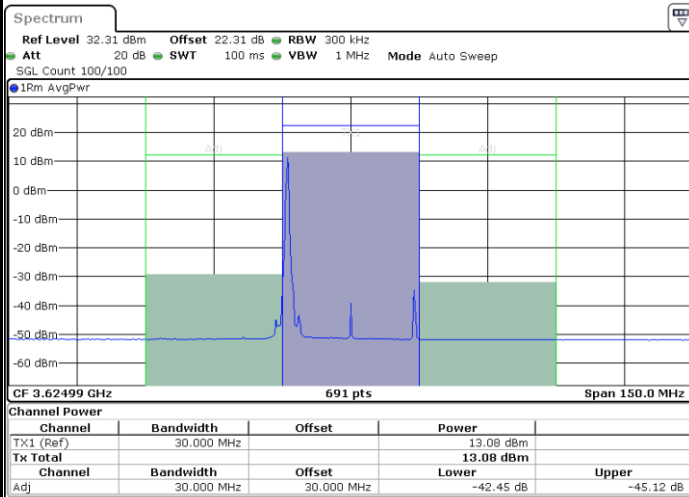
Date: 3.OCT.2022 15:14:29



FR1 n48 / 30MHz / CP OFDM / 64QAM

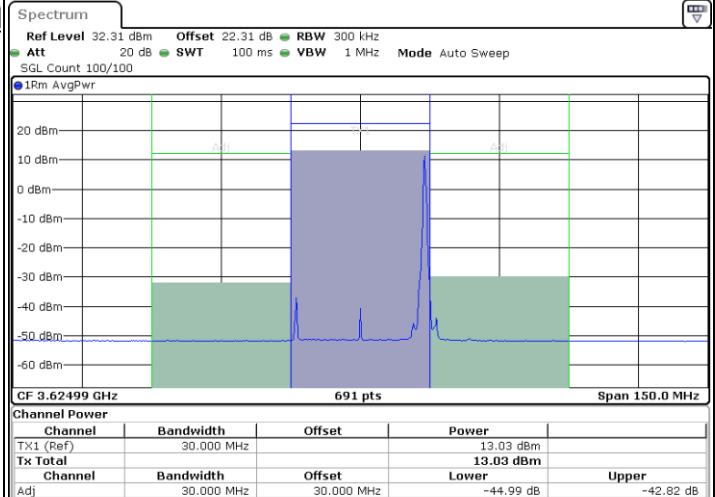
Middle Channel

1RB0



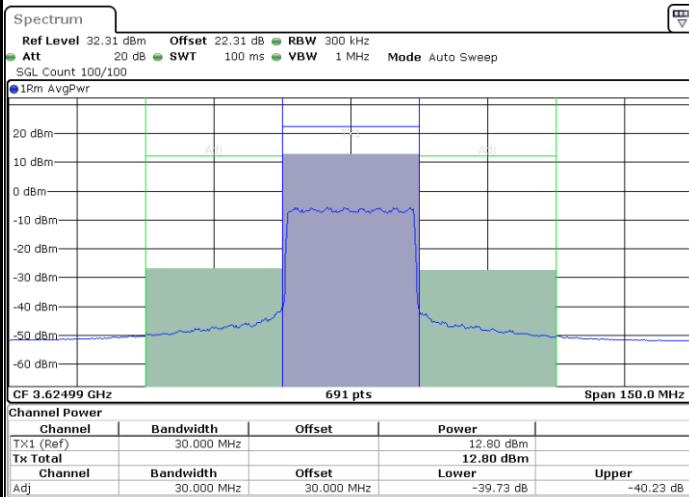
Date: 3.OCT.2022 14:53:10

1RBmax



Date: 3.OCT.2022 15:09:49

Full RB



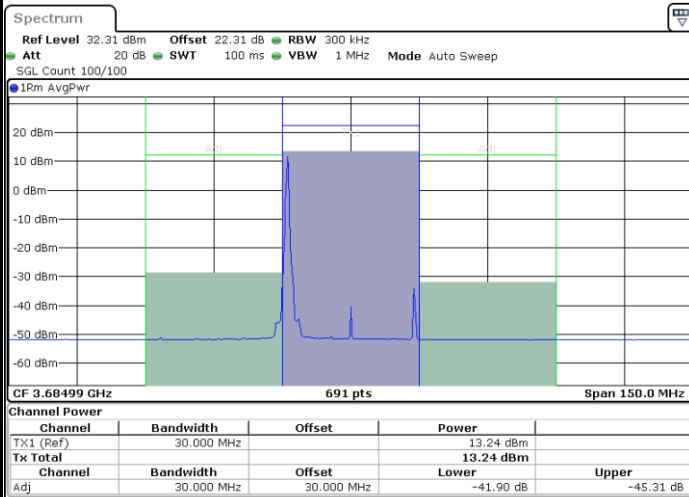
Date: 3.OCT.2022 15:18:37



FR1 n48 / 30MHz / CP OFDM / 64QAM

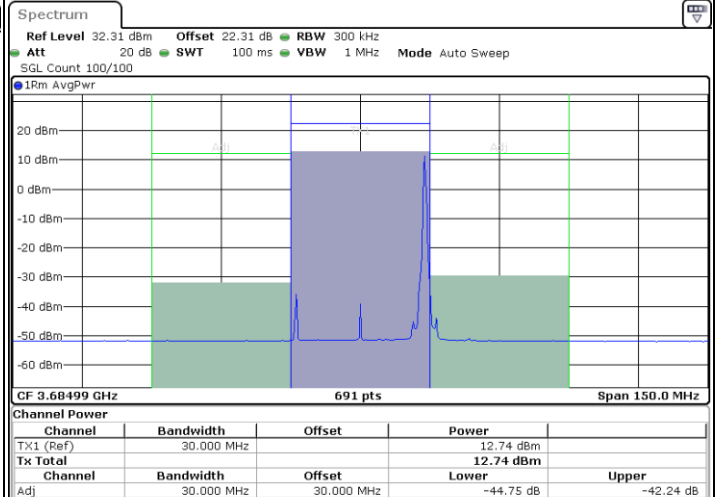
Highest Channel

1RB0



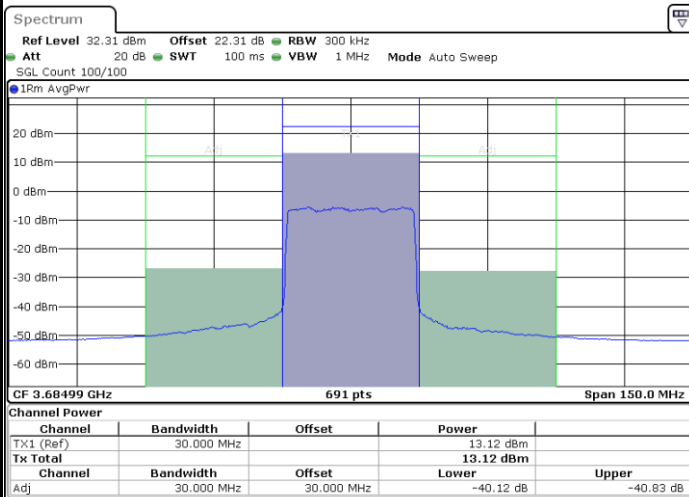
Date: 3.OCT.2022 15:05:14

1RBmax



Date: 3.OCT.2022 15:11:42

Full RB



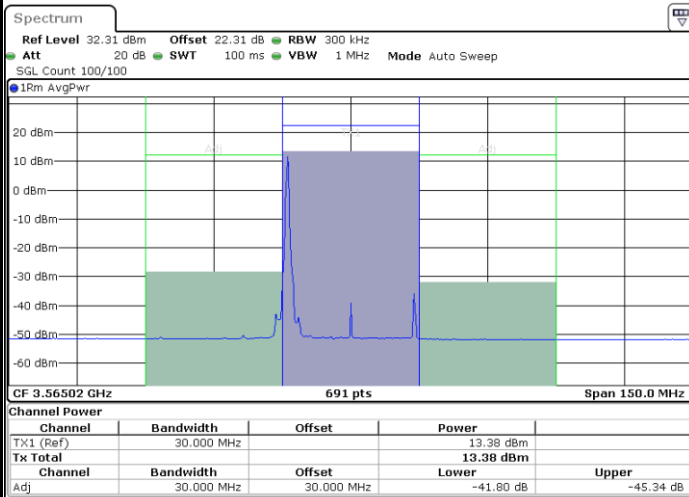
Date: 3.OCT.2022 15:20:27



FR1 n48 / 30MHz / CP OFDM / 256QAM

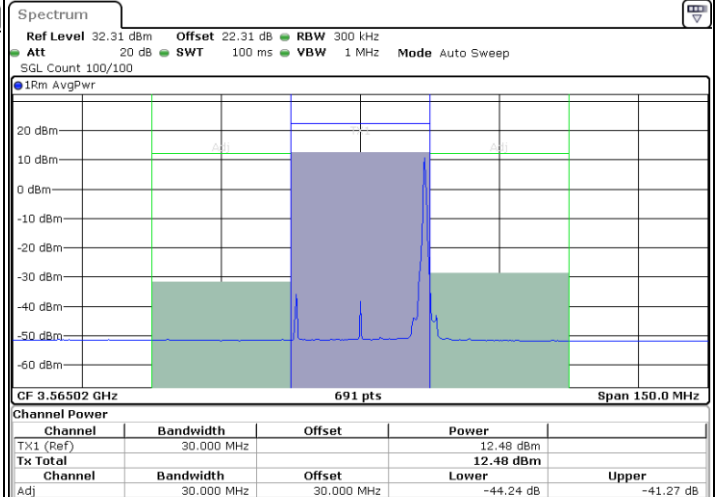
Lowest Channel

1RB0



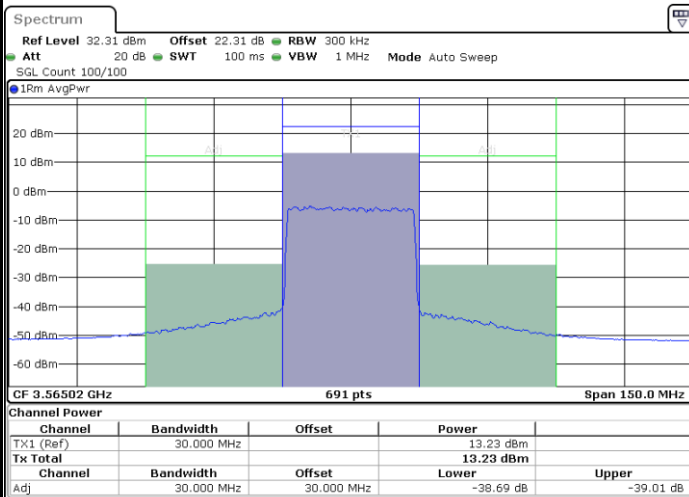
Date: 3.OCT.2022 14:51:02

1RBmax



Date: 3.OCT.2022 15:08:13

Full RB



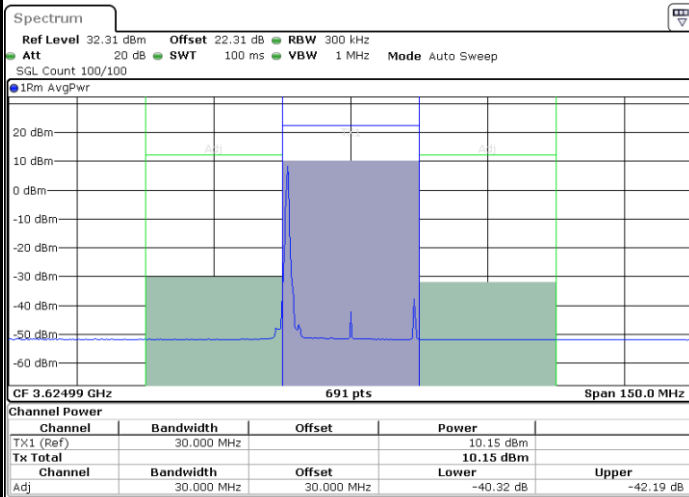
Date: 3.OCT.2022 15:14:55



FR1 n48 / 30MHz / CP OFDM / 256QAM

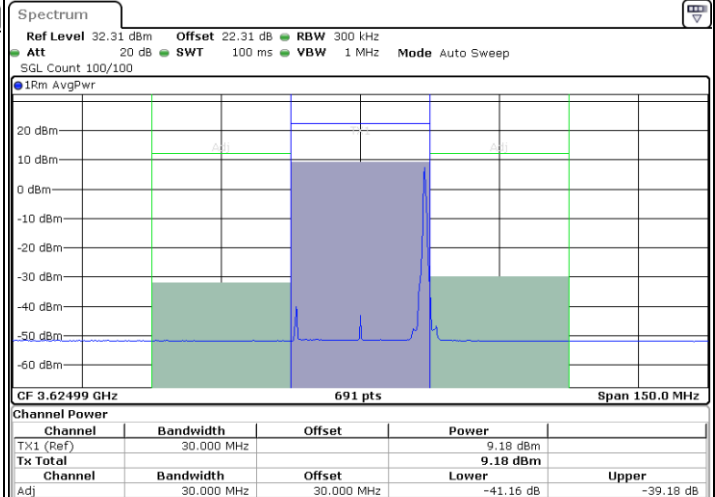
Middle Channel

1RB0



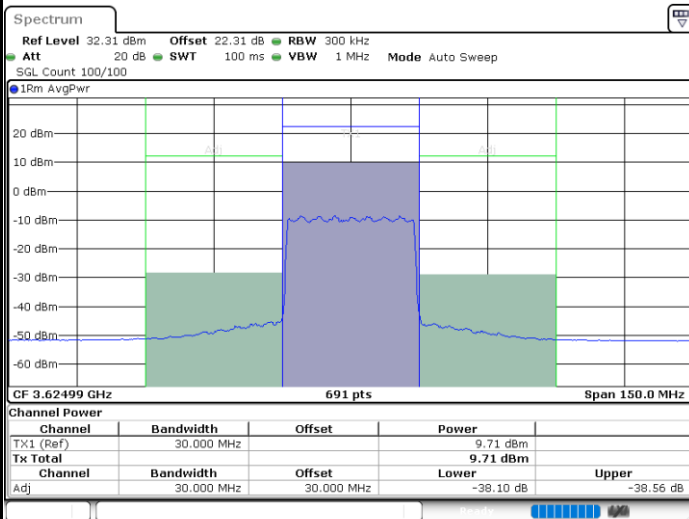
Date: 3.OCT.2022 14:53:49

1RBmax



Date: 3.OCT.2022 15:10:17

Full RB



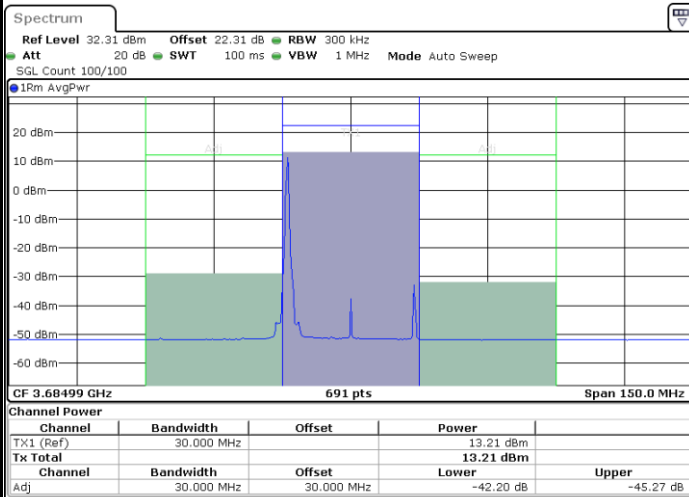
Date: 3.OCT.2022 15:19:00



FR1 n48 / 30MHz / CP OFDM / 256QAM

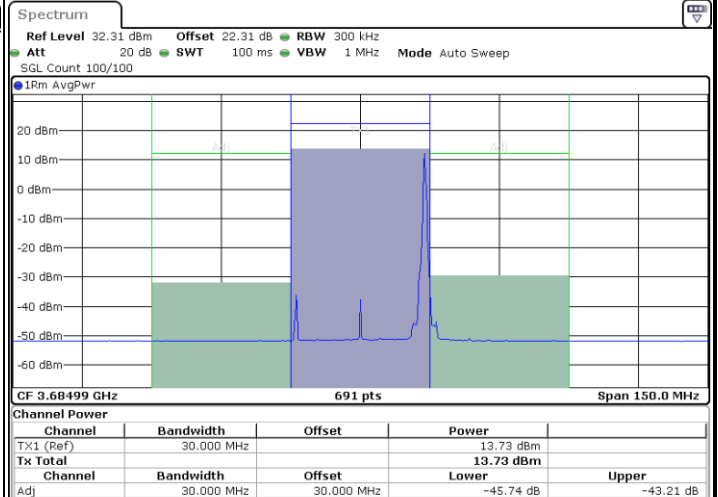
Highest Channel

1RB0



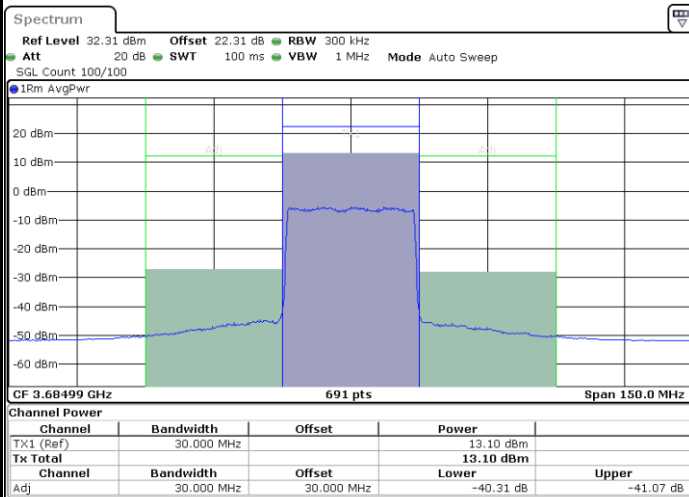
Date: 3.OCT.2022 15:05:49

1RBmax



Date: 3.OCT.2022 15:12:09

Full RB



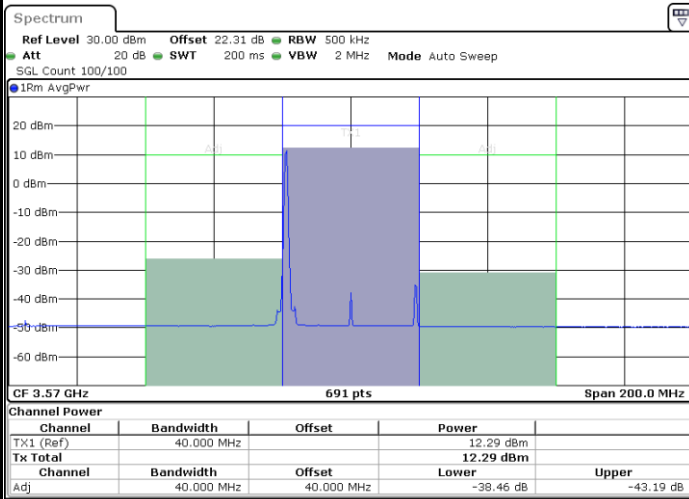
Date: 3.OCT.2022 15:20:57



FR1 n48 / 40MHz / CP OFDM / QPSK

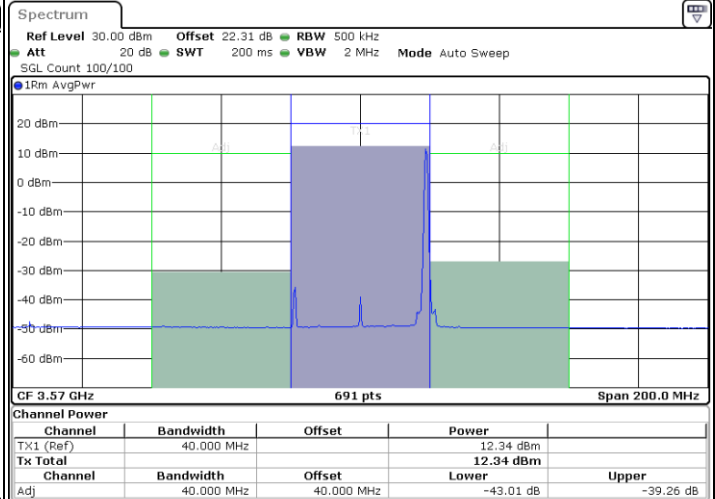
Lowest Channel

1RB0



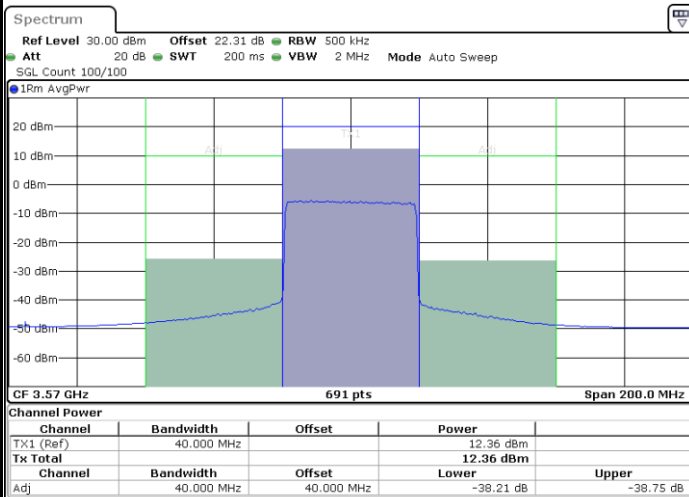
Date: 3.OCT.2022 19:27:17

1RBmax



Date: 3.OCT.2022 19:43:11

Full RB



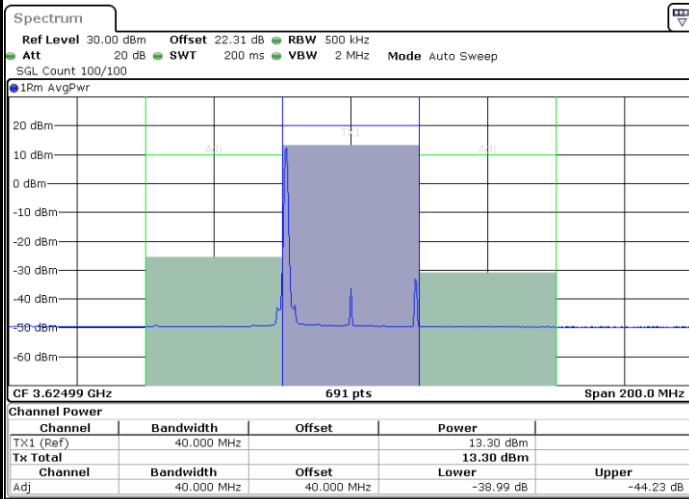
Date: 3.OCT.2022 19:26:19



FR1 n48 / 40MHz / CP OFDM / QPSK

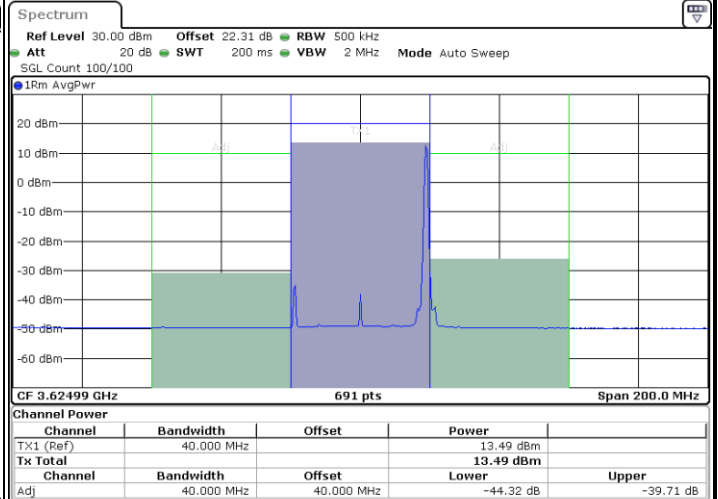
Middle Channel

1RB0



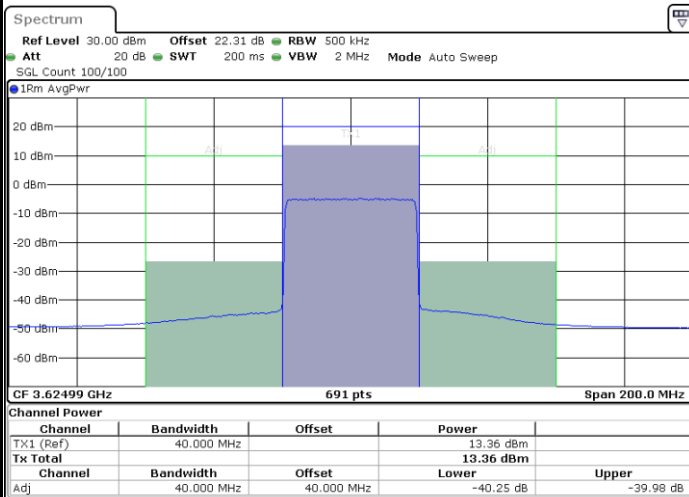
Date: 3.OCT.2022 19:31:37

1RBmax



Date: 3.OCT.2022 19:38:15

Full RB



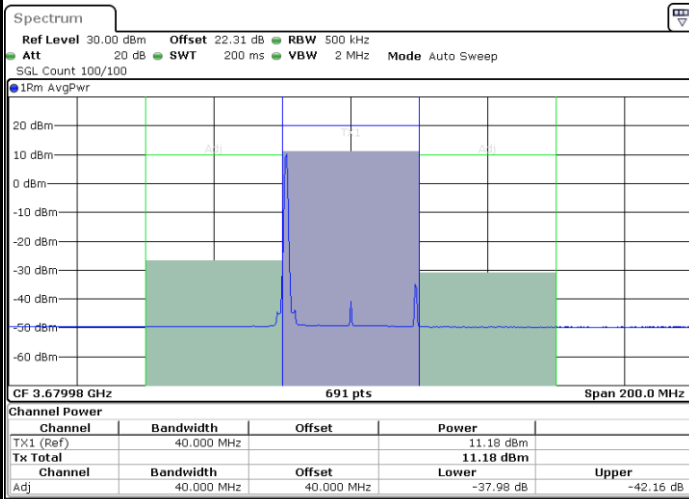
Date: 3.OCT.2022 19:22:04



FR1 n48 / 40MHz / CP OFDM / QPSK

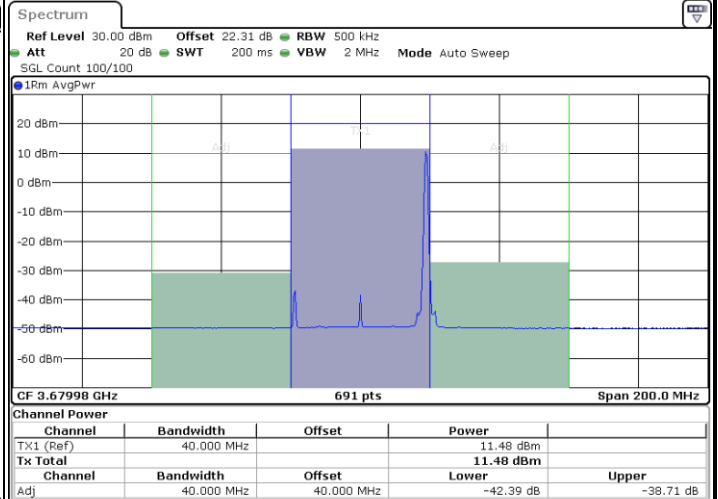
Highest Channel

1RB0



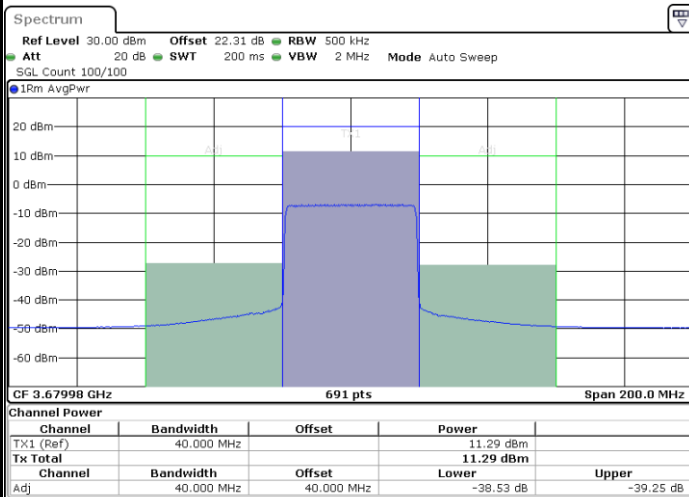
Date: 3.OCT.2022 19:32:18

1RBmax



Date: 3.OCT.2022 19:37:22

Full RB



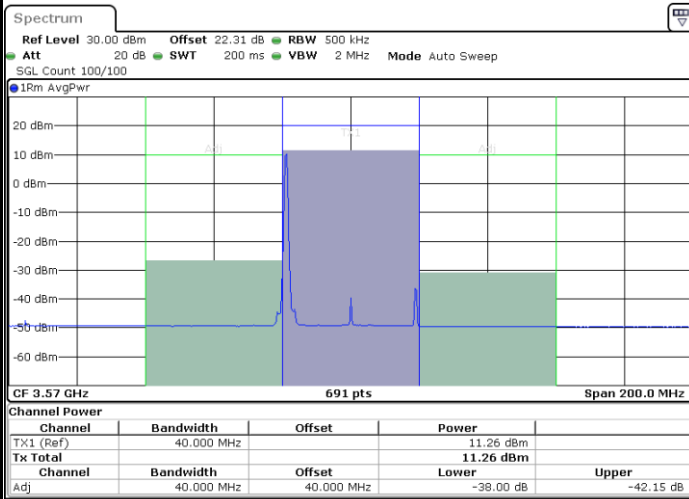
Date: 3.OCT.2022 19:21:25



FR1 n48 / 40MHz / CP OFDM / 16QAM

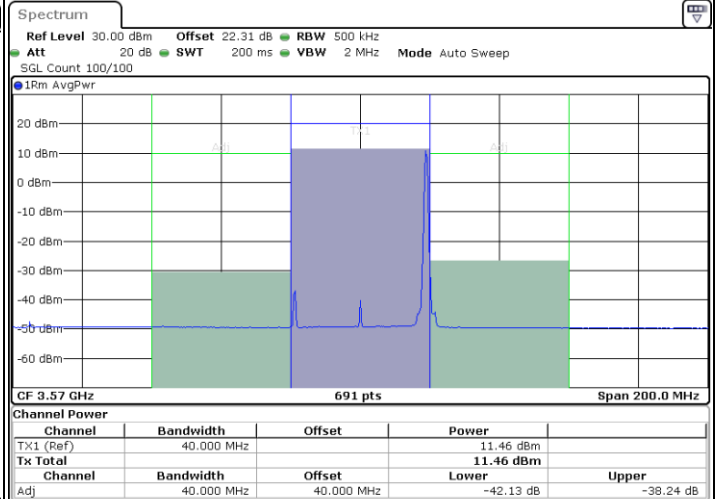
Lowest Channel

1RB0



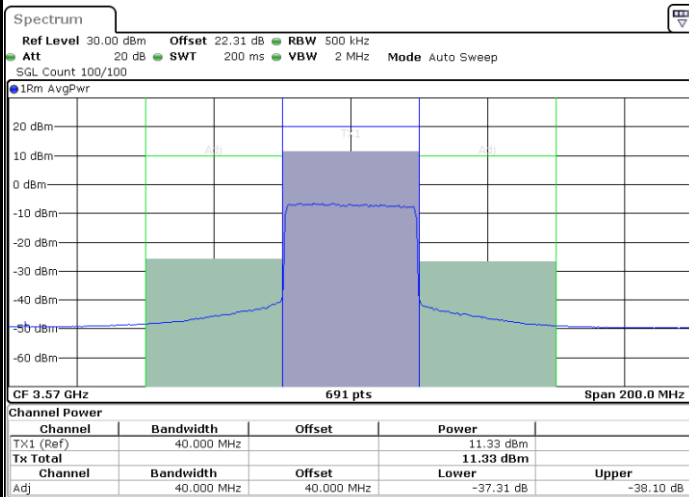
Date: 3.OCT.2022 19:27:54

1RBmax



Date: 3.OCT.2022 19:42:36

Full RB



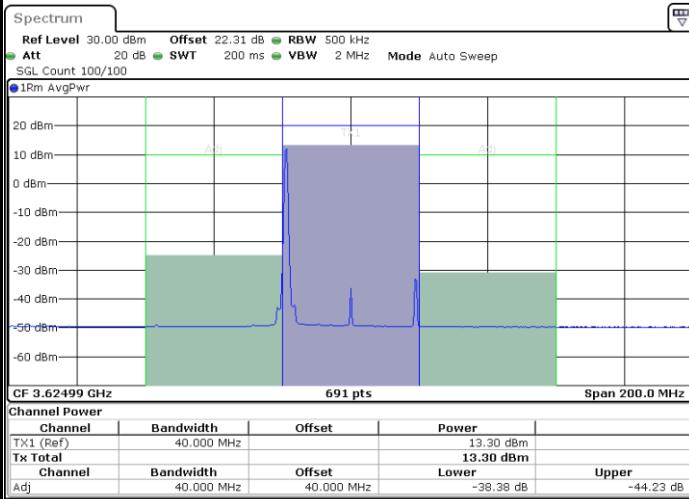
Date: 3.OCT.2022 19:25:42



FR1 n48 / 40MHz / CP OFDM / 16QAM

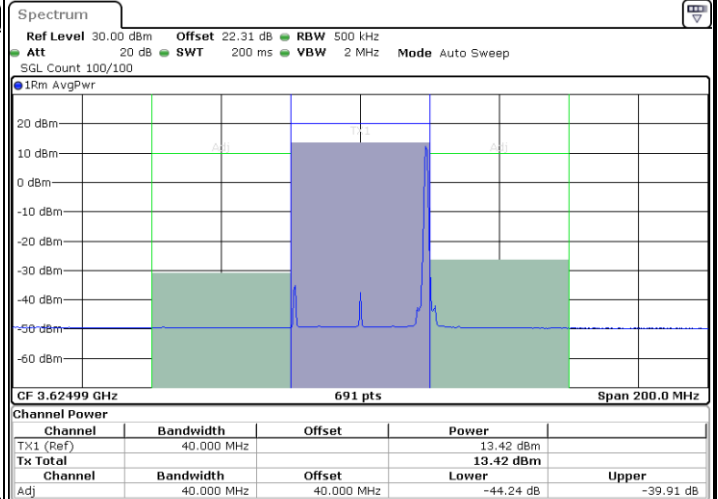
Middle Channel

1RB0



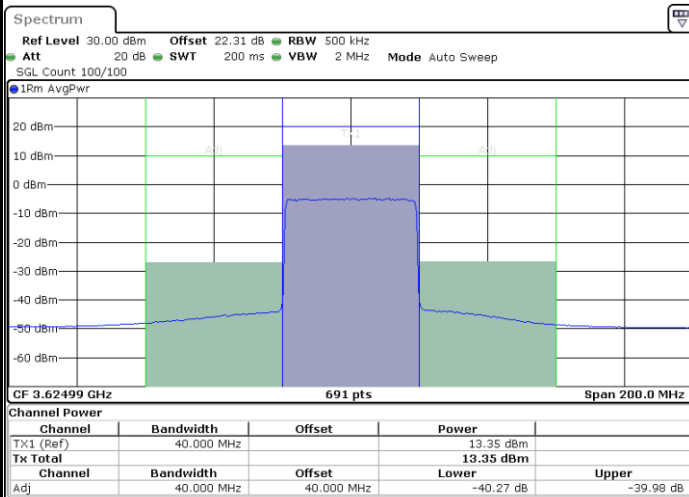
Date: 3.OCT.2022 19:30:56

1RBmax



Date: 3.OCT.2022 19:38:51

Full RB



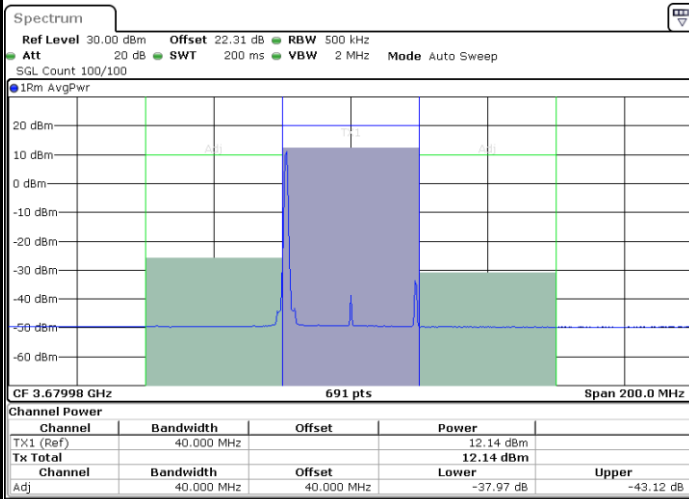
Date: 3.OCT.2022 19:22:39



FR1 n48 / 40MHz / CP OFDM / 16QAM

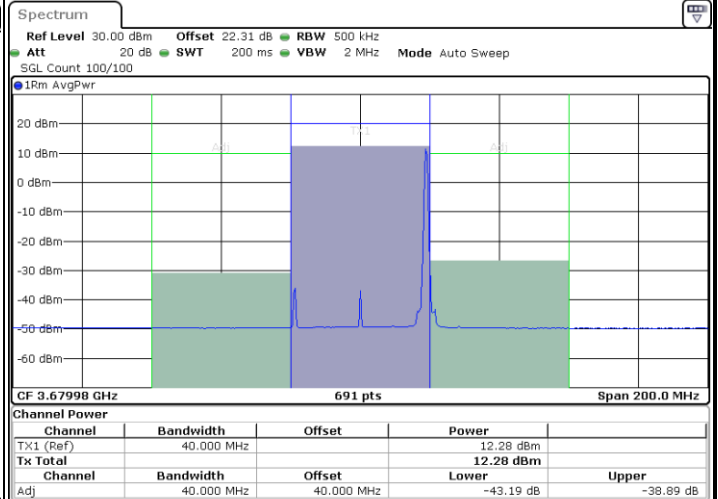
Highest Channel

1RB0



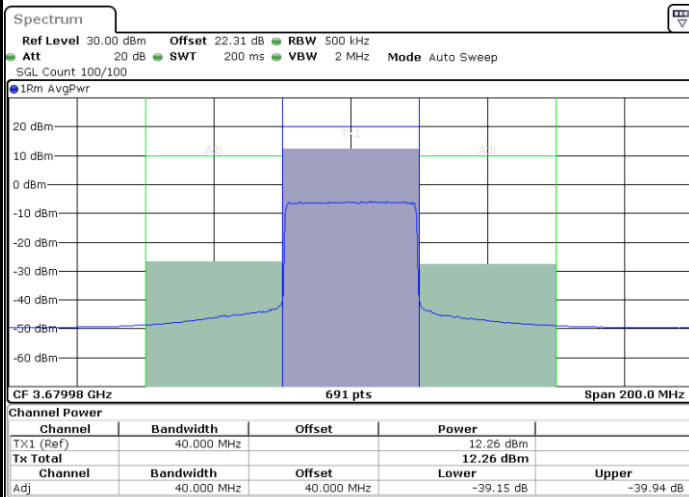
Date: 3.OCT.2022 19:32:54

1RBmax



Date: 3.OCT.2022 19:36:46

Full RB



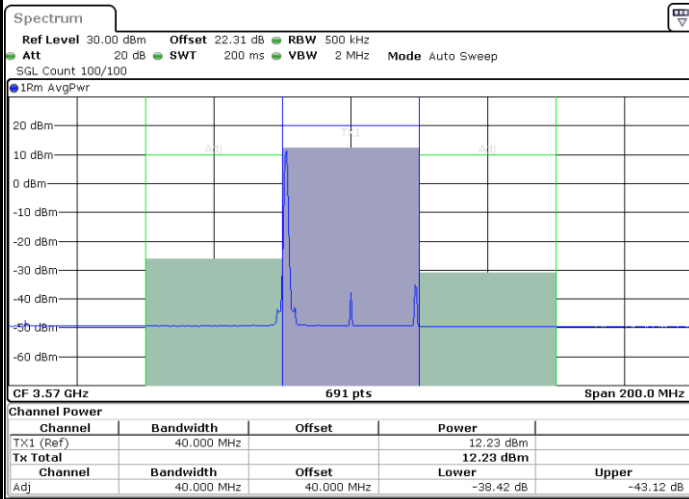
Date: 3.OCT.2022 19:20:38



FR1 n48 / 40MHz / CP OFDM / 64QAM

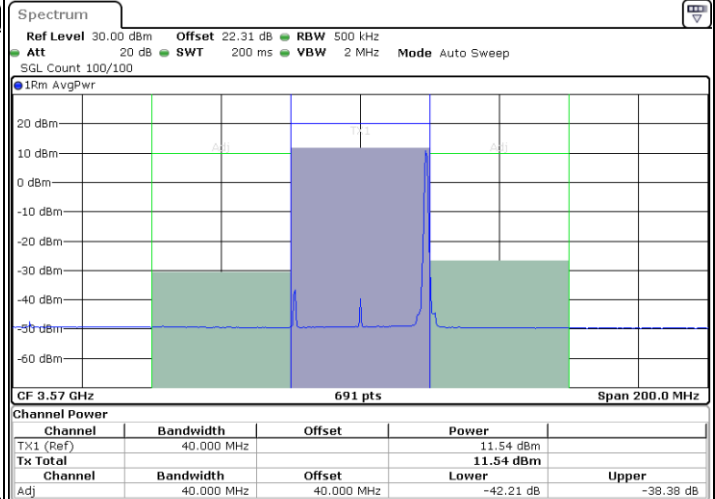
Lowest Channel

1RB0



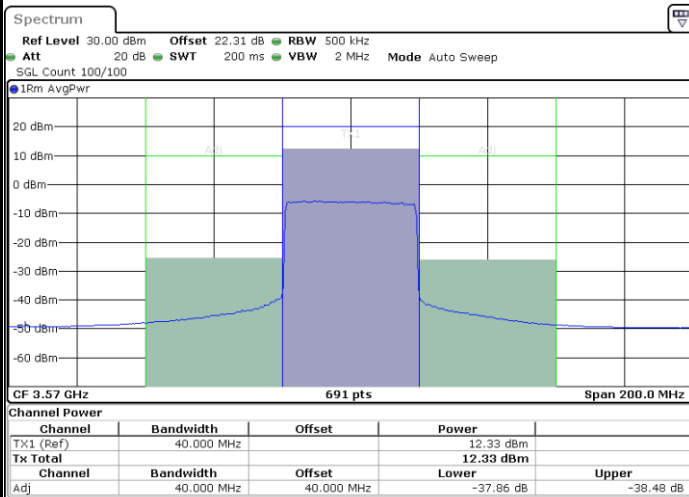
Date: 3.OCT.2022 19:28:29

1RBmax



Date: 3.OCT.2022 19:42:03

Full RB



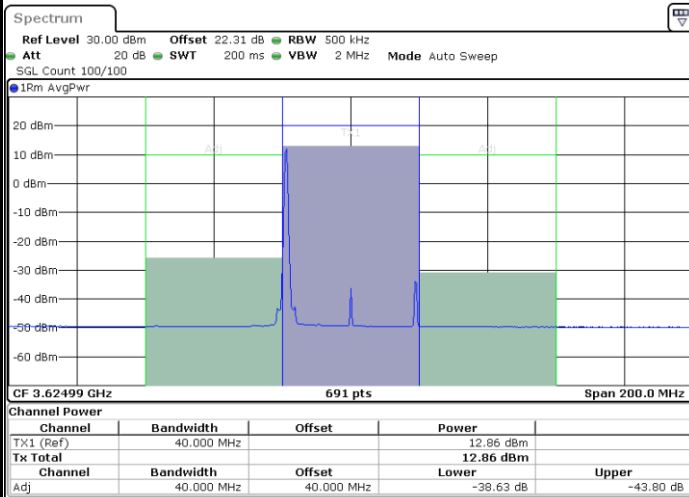
Date: 3.OCT.2022 19:25:07



FR1 n48 / 40MHz / CP OFDM / 64QAM

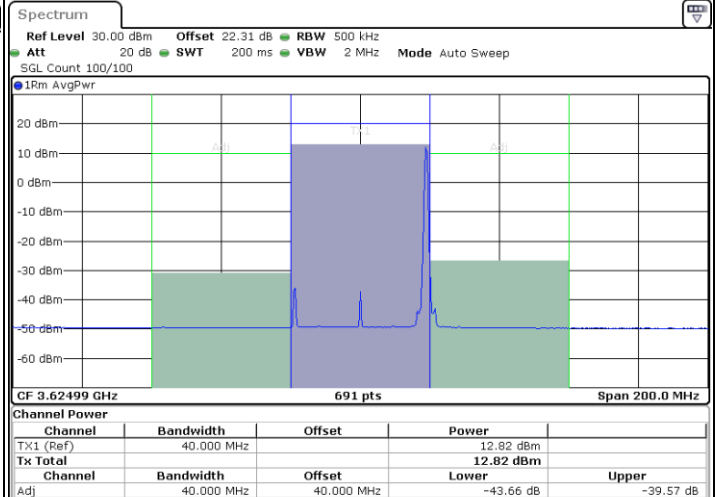
Middle Channel

1RB0



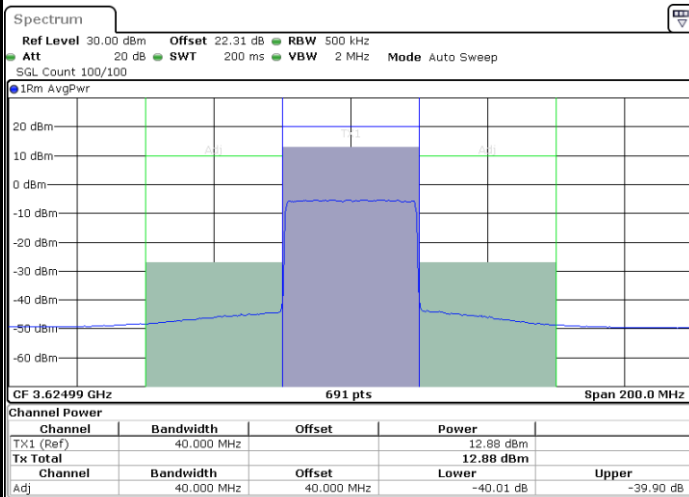
Date: 3.OCT.2022 19:30:21

1RBmax



Date: 3.OCT.2022 19:39:29

Full RB



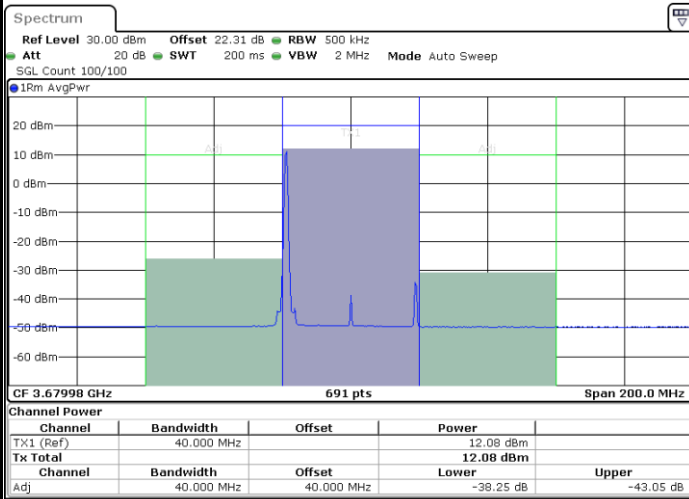
Date: 3.OCT.2022 19:23:13



FR1 n48 / 40MHz / CP OFDM / 64QAM

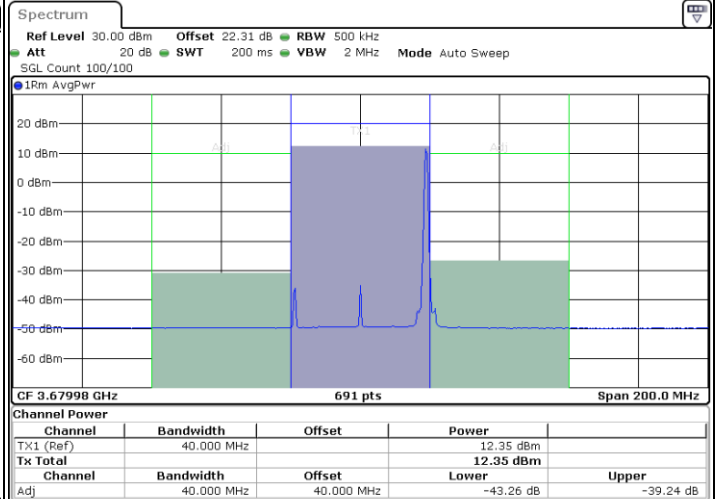
Highest Channel

1RB0



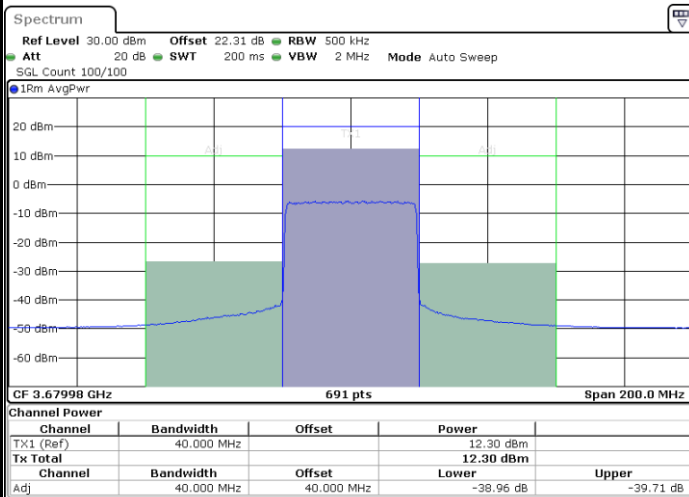
Date: 3.OCT.2022 19:34:40

1RBmax



Date: 3.OCT.2022 19:35:43

Full RB



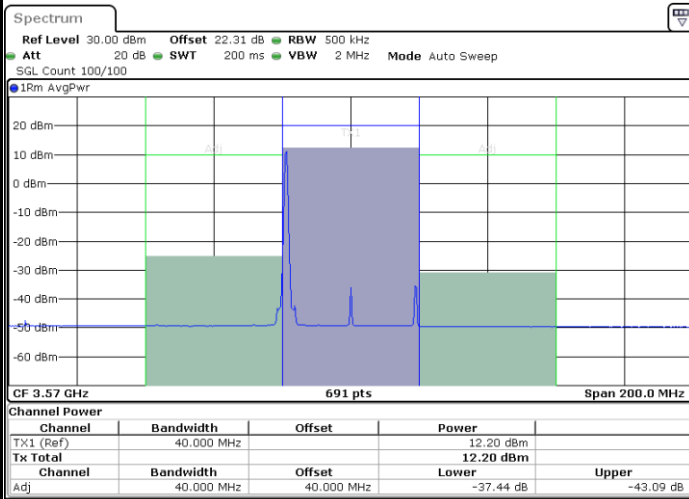
Date: 3.OCT.2022 19:20:01



FR1 n48 / 40MHz / CP OFDM / 256QAM

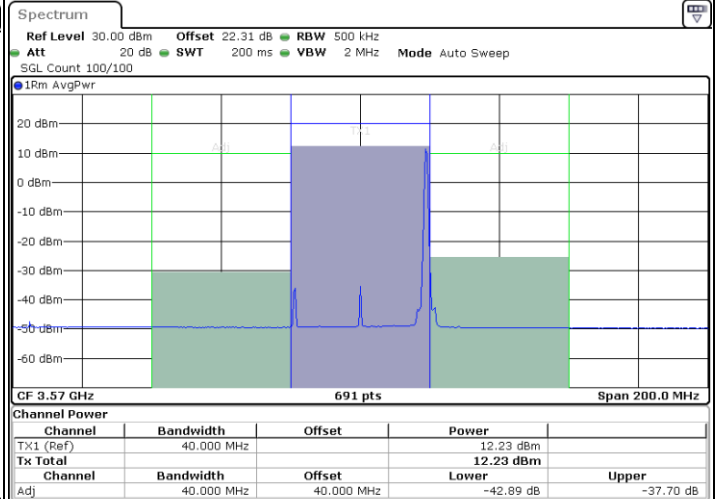
Lowest Channel

1RB0



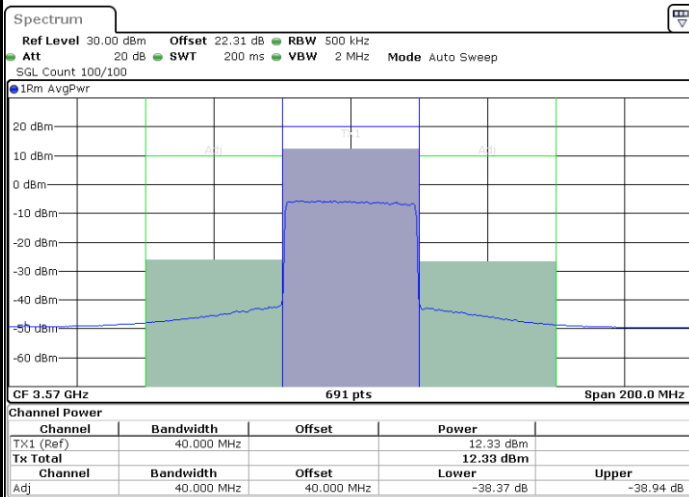
Date: 3.OCT.2022 19:29:04

1RBmax



Date: 3.OCT.2022 19:40:46

Full RB



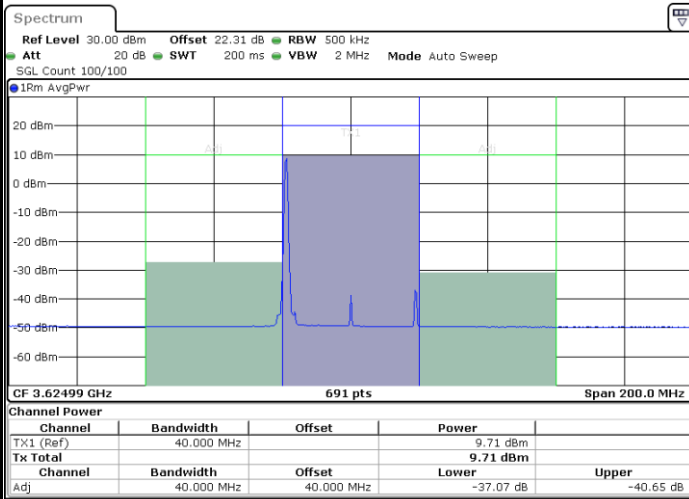
Date: 3.OCT.2022 19:24:33



FR1 n48 / 40MHz / CP OFDM / 256QAM

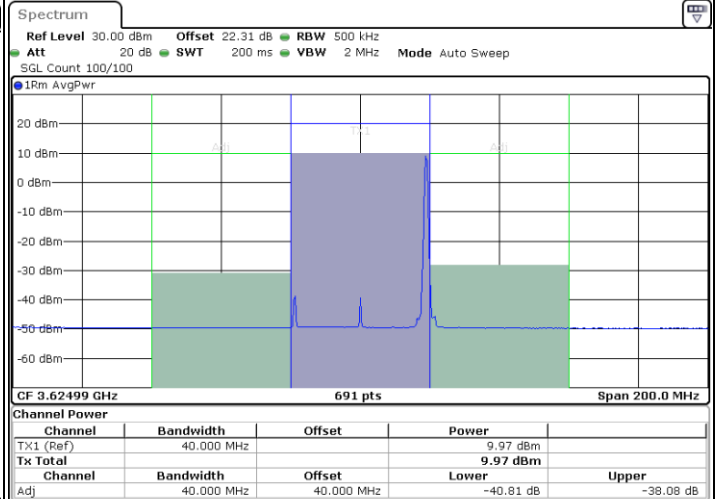
Middle Channel

1RB0



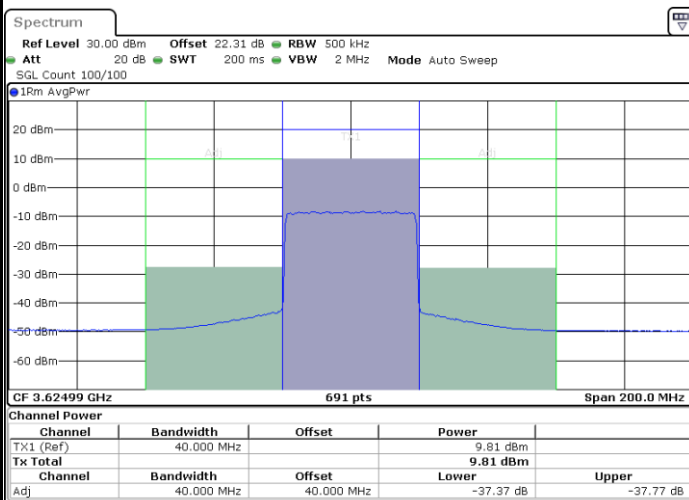
Date: 3.OCT.2022 19:29:45

1RBmax



Date: 3.OCT.2022 19:40:05

Full RB



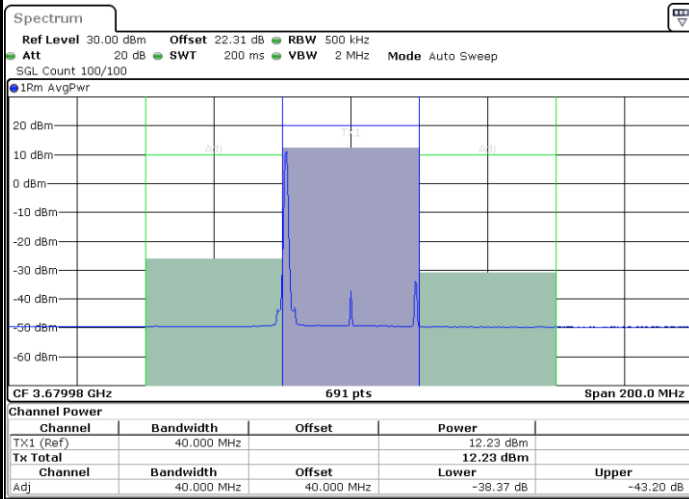
Date: 3.OCT.2022 19:23:49



FR1 n48 / 40MHz / CP OFDM / 256QAM

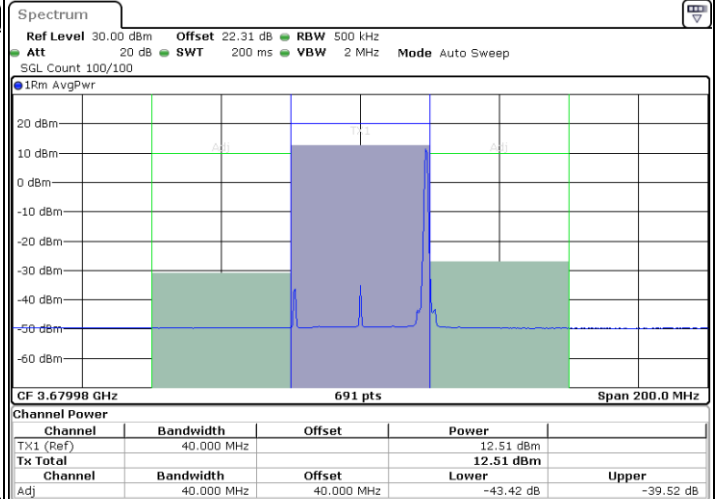
Highest Channel

1RB0



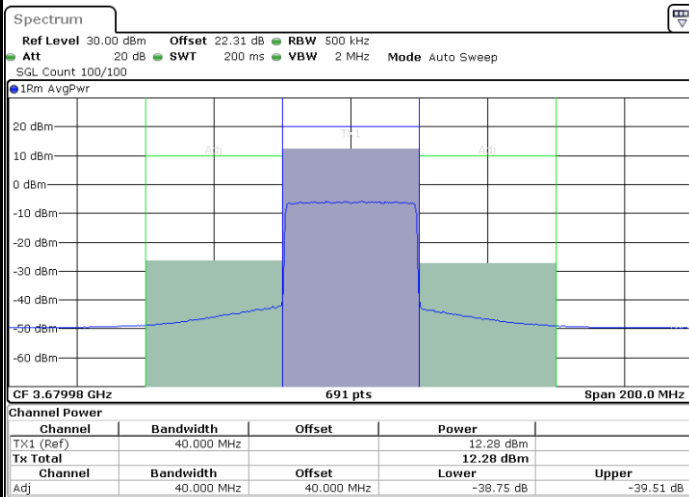
Date: 3.OCT.2022 19:34:04

1RBmax



Date: 3.OCT.2022 19:36:12

Full RB



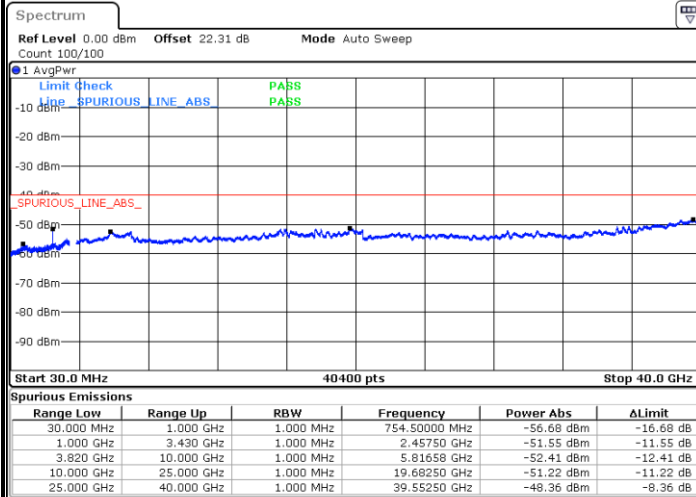
Date: 3.OCT.2022 19:19:22



Conducted Spurious Emission

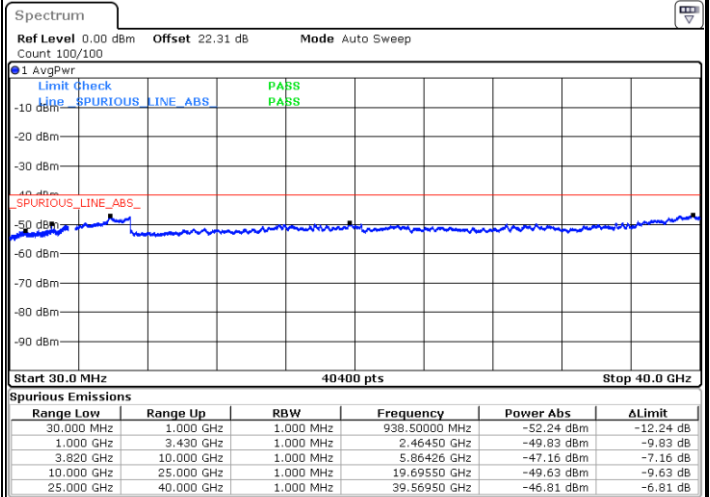
FR1 n48 / 30MHz / CP OFDM / QPSK / 1RB1

Lowest Channel



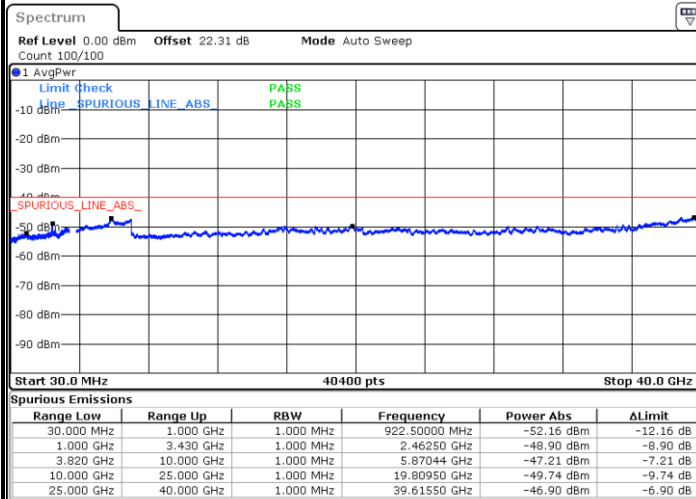
Date: 3.OCT.2022 21:05:51

Middle Channel



Date: 3.OCT.2022 21:07:03

Highest Channel

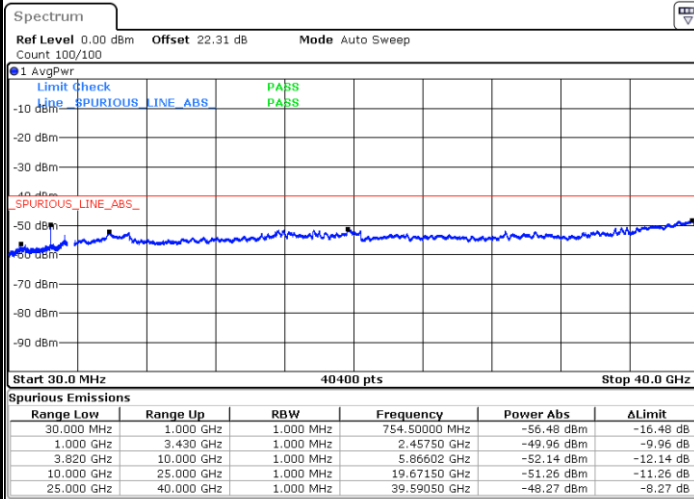


Date: 3.OCT.2022 21:08:18



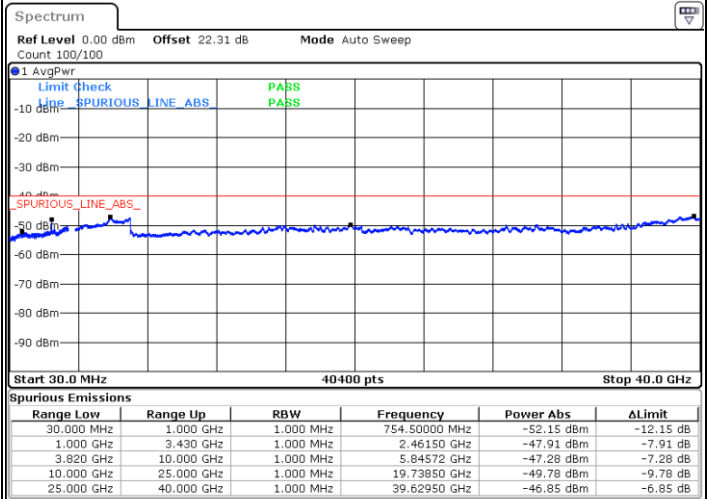
FR1 n48 / 40MHz / CP OFDM / QPSK / 1RB1

Lowest Channel



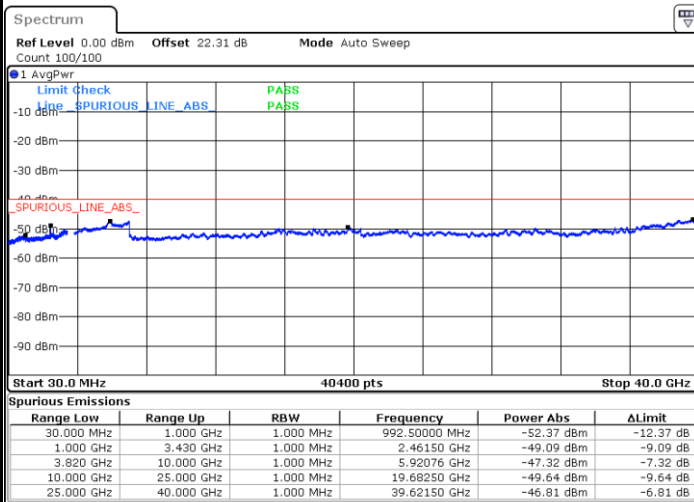
Date: 3.OCT.2022 21:12:45

Middle Channel



Date: 3.OCT.2022 21:14:24

Highest Channel



Date: 3.OCT.2022 21:15:52

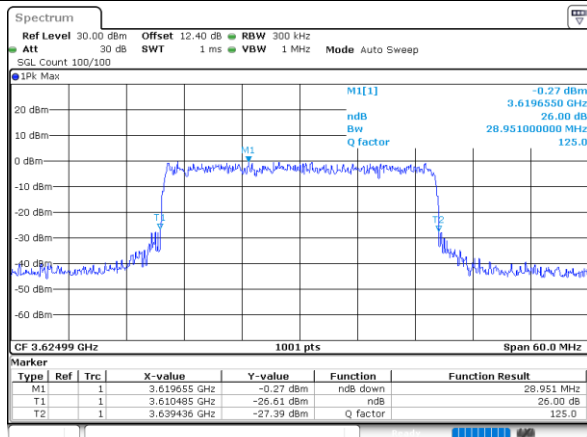
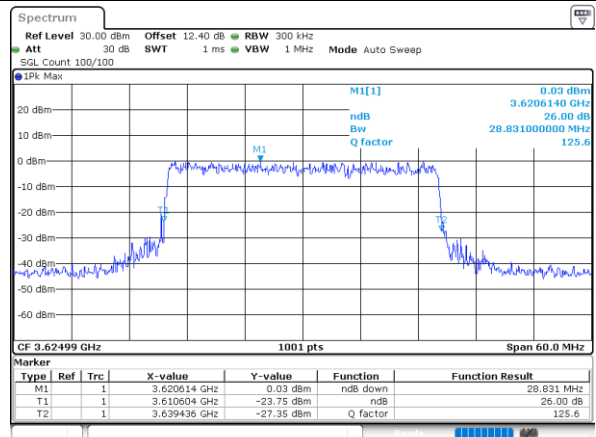
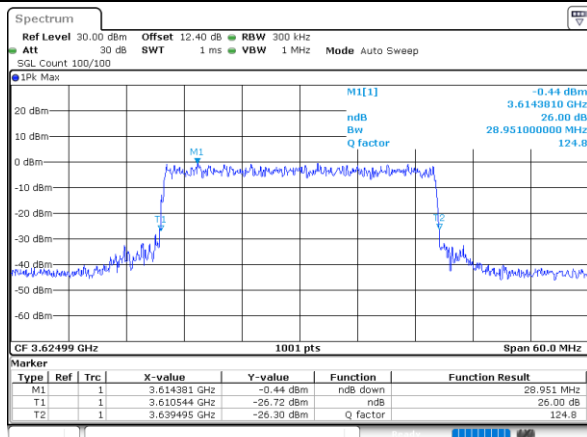
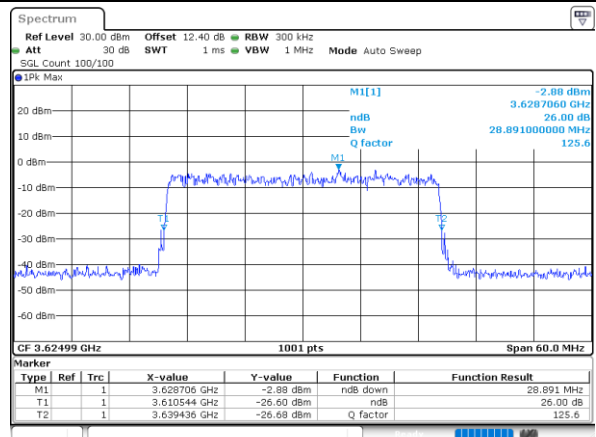


<MIMO Mode>

MIMO <Ant. 6>

26dB Bandwidth

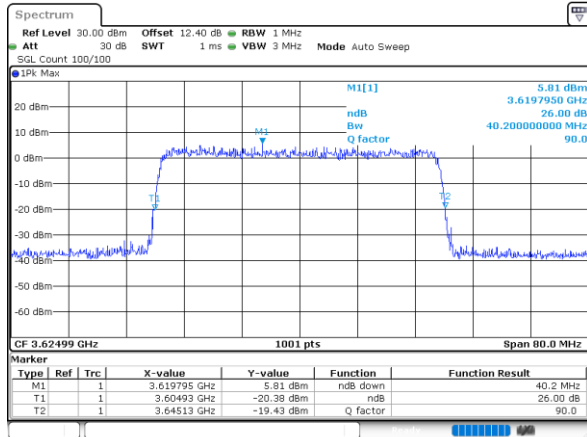
Mode	FR1 n48 : 26dB BW(MHz) / CP OFDM							
BW	30MHz		40MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	28.95	28.83	40.20	40.36				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	28.95	28.89	40.44	40.28				

FR1 n48 / 30MHz / CP OFDM / Middle Channel / Full RB**QPSK****16QAM****64QAM****256QAM**

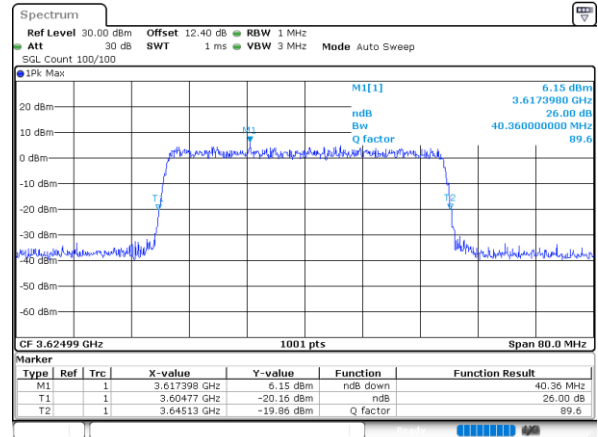


FR1 n48 / 40MHz / CP OFDM / Middle Channel / Full RB

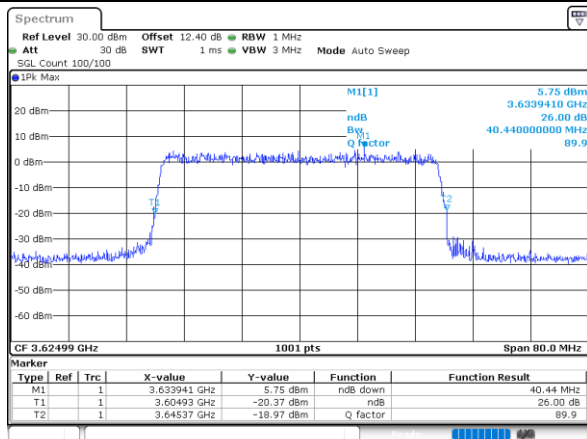
QPSK



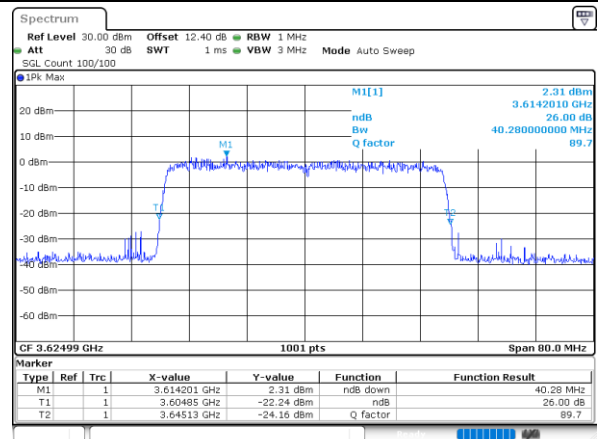
16QAM



64QAM



256QAM



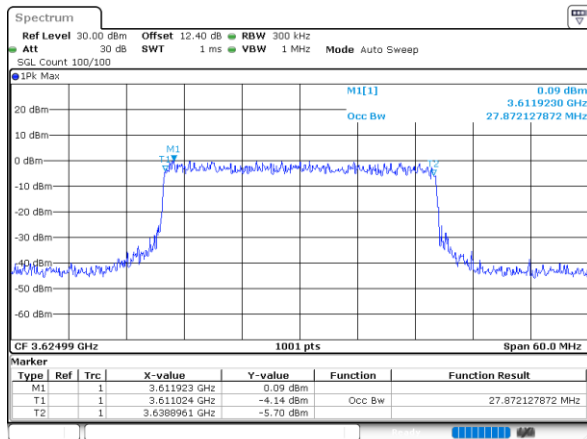


Occupied Bandwidth

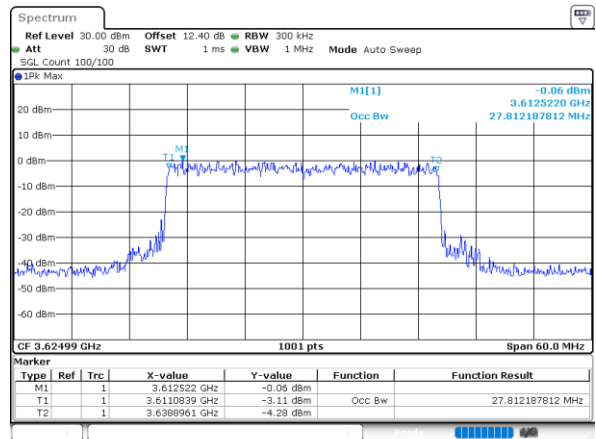
Mode	FR1 n48 : OB BW(MHz) / CP OFDM							
BW	30MHz		40MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	27.87	27.81	38.04	38.20				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	27.93	27.87	38.12	37.96				

FR1 n48 / 30MHz / CP OFDM / Middle Channel / Full RB

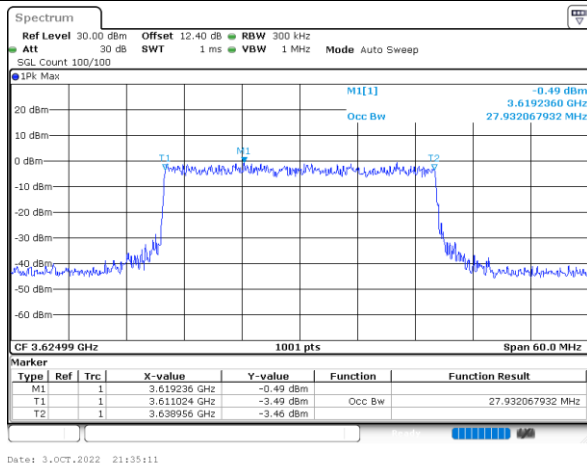
QPSK



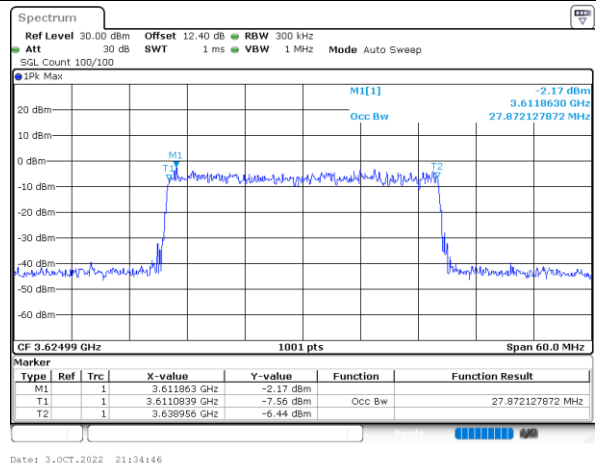
16QAM



64QAM



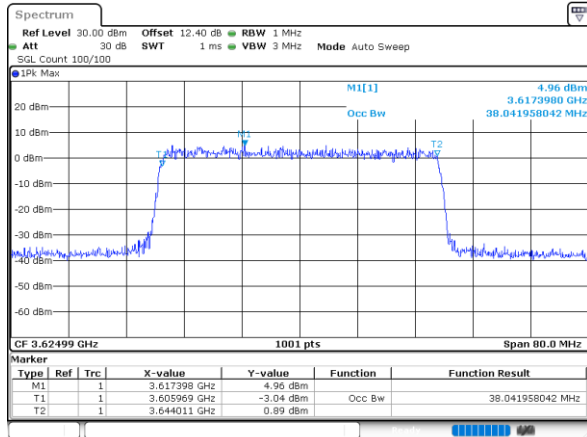
256QAM



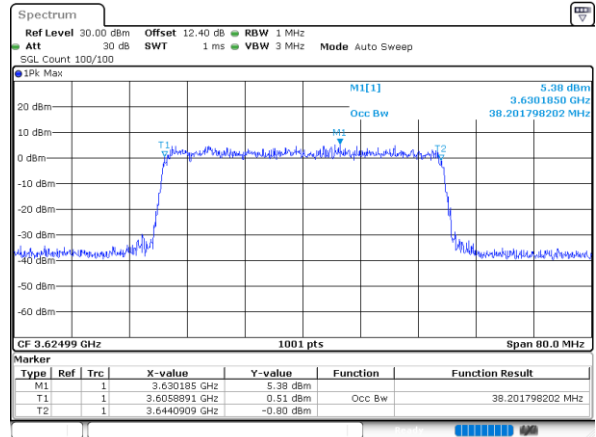


FR1 n48 / 40MHz / CP OFDM / Middle Channel / Full RB

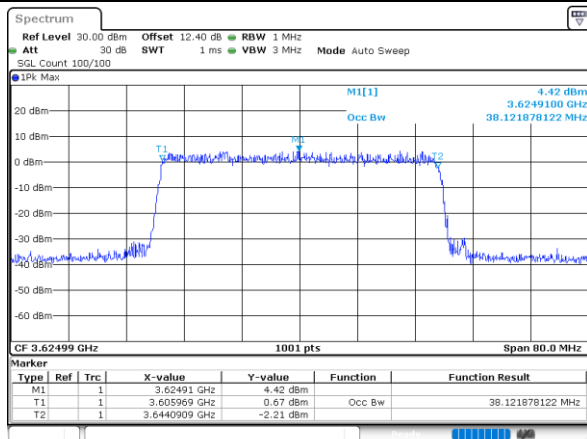
QPSK



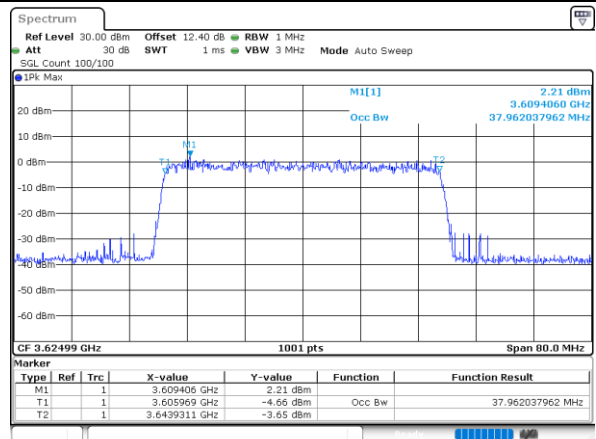
16QAM



64QAM



256QAM



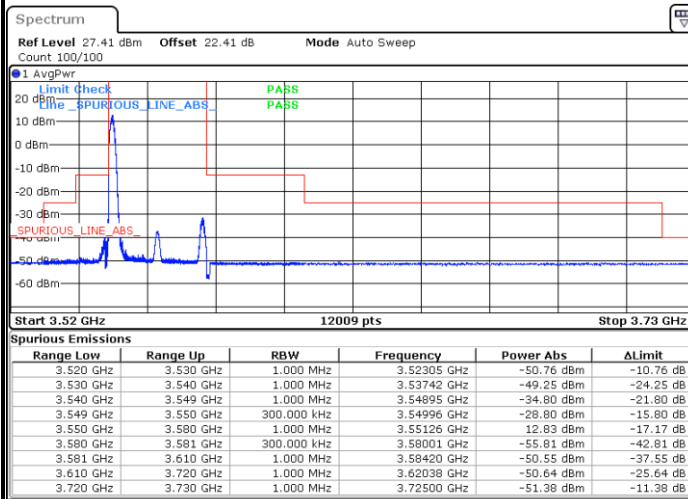
**Unwanted Emission (MASK)**

FR1 n48 / 30MHz / CP OFDM / QPSK

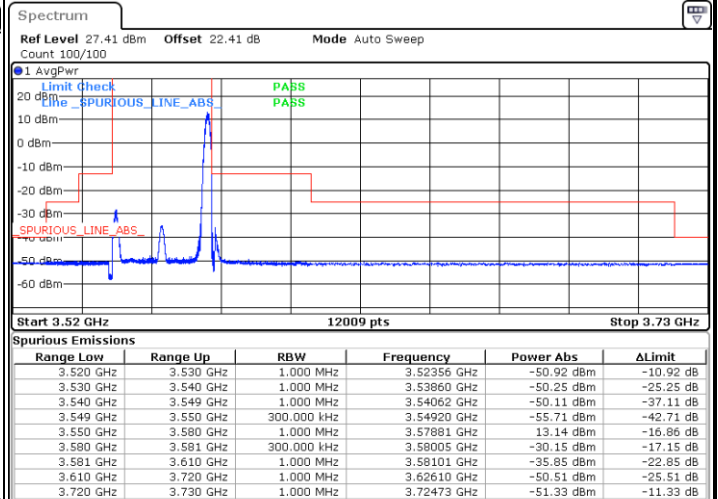
Lowest Channel

1RB0

1RBmax

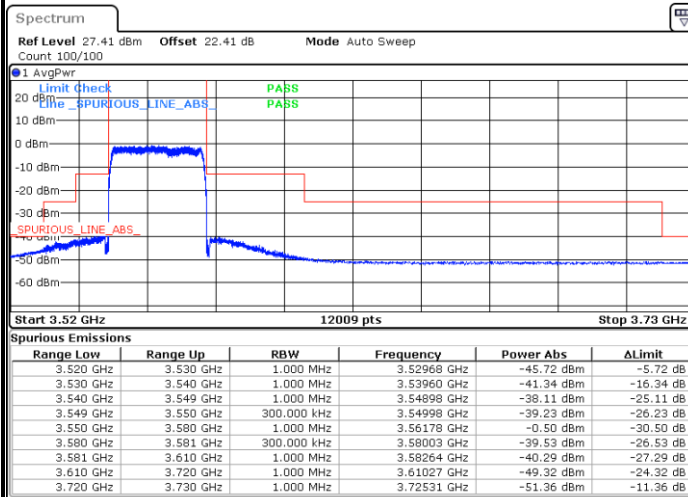


Date: 30.SEP.2022 21:30:09



Date: 30.SEP.2022 21:33:51

Full RB



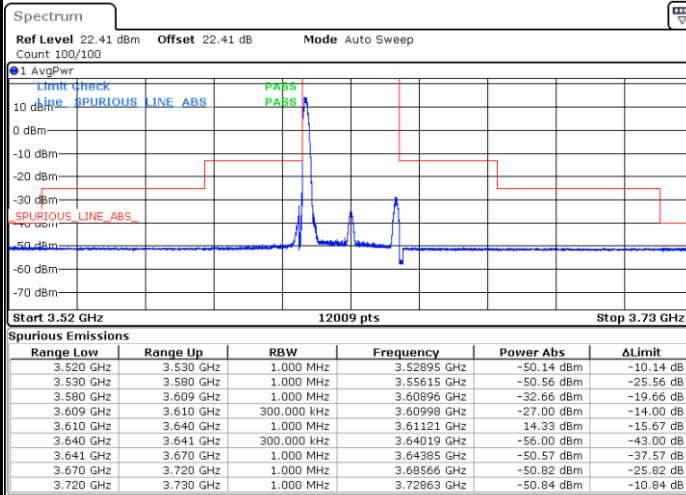
Date: 30.SEP.2022 21:15:00



FR1 n48 / 30MHz / CP OFDM / QPSK

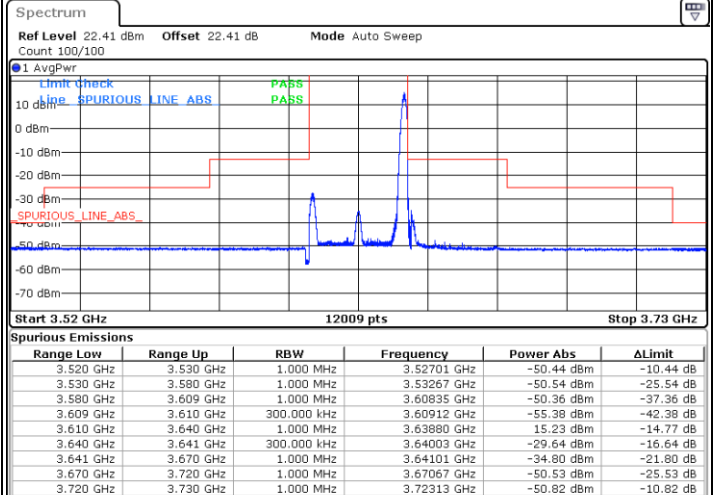
Middle Channel

1RB0



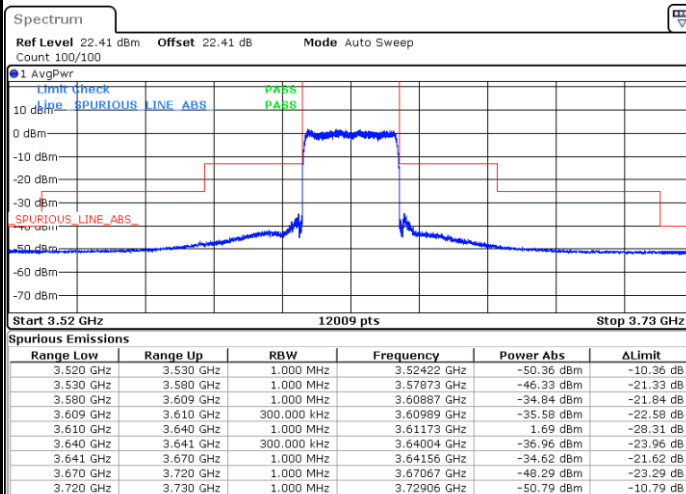
Date: 30.SEP.2022 21:29:12

1RBmax



Date: 30.SEP.2022 21:26:17

Full RB



Date: 30.SEP.2022 21:17:53



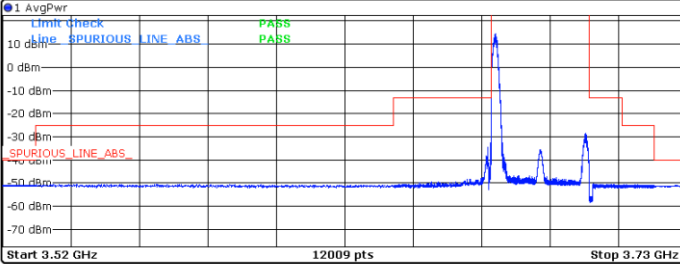
FR1 n48 / 30MHz / CP OFDM / QPSK

Highest Channel

1RB0

1RBmax

Spectrum

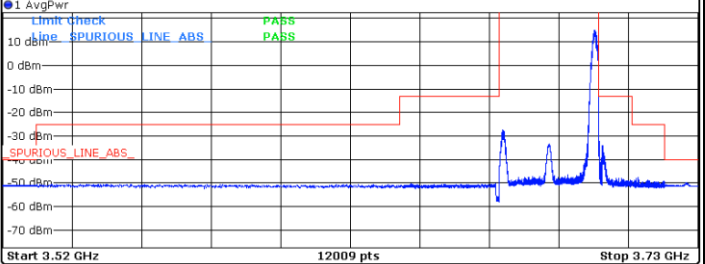
Ref Level 22.41 dBm Offset 22.41 dB Mode Auto Sweep
Count 100/100

Start 3.52 GHz 12009 pts Stop 3.73 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.52781 GHz	-50.99 dBm	-10.99 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.55632 GHz	-50.44 dBm	-25.44 dB
3.640 GHz	3.669 GHz	1.000 MHz	3.66890 GHz	-34.58 dBm	-21.58 dB
3.669 GHz	3.670 GHz	300.000 kHz	3.67000 GHz	-26.63 dBm	-13.63 dB
3.670 GHz	3.700 GHz	1.000 MHz	3.67112 GHz	14.64 dBm	-15.36 dB
3.700 GHz	3.701 GHz	300.000 kHz	3.70086 GHz	-55.79 dBm	-42.79 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70117 GHz	-50.20 dBm	-37.20 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71125 GHz	-50.71 dBm	-25.71 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.72682 GHz	-51.06 dBm	-11.06 dB

Spectrum

Ref Level 22.41 dBm Offset 22.41 dB Mode Auto Sweep
Count 100/100

Start 3.52 GHz 12009 pts Stop 3.73 GHz

Spurious Emissions

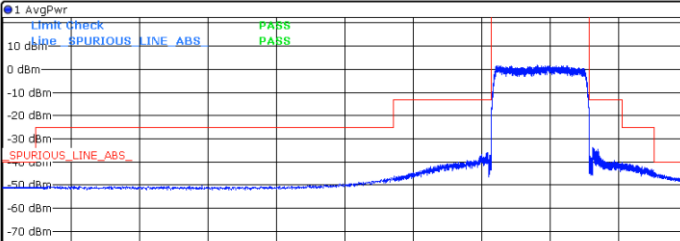
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.52863 GHz	-50.99 dBm	-10.99 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.55170 GHz	-50.50 dBm	-25.50 dB
3.640 GHz	3.669 GHz	1.000 MHz	3.66887 GHz	-50.09 dBm	-37.09 dB
3.669 GHz	3.670 GHz	300.000 kHz	3.66916 GHz	-55.55 dBm	-42.55 dB
3.670 GHz	3.700 GHz	1.000 MHz	3.69865 GHz	14.85 dBm	-15.15 dB
3.700 GHz	3.701 GHz	300.000 kHz	3.70005 GHz	-28.71 dBm	-15.71 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70100 GHz	-33.98 dBm	-20.98 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71186 GHz	-47.80 dBm	-22.80 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.72648 GHz	-49.92 dBm	-9.92 dB

Date: 30.SEP.2022 21:22:04

Date: 30.SEP.2022 21:25:33

Full RB

Spectrum

Ref Level 22.41 dBm Offset 22.41 dB Mode Auto Sweep
Count 100/100

Start 3.52 GHz 12009 pts Stop 3.73 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.52617 GHz	-50.99 dBm	-10.99 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.63962 GHz	-46.67 dBm	-21.67 dB
3.640 GHz	3.669 GHz	1.000 MHz	3.66881 GHz	-36.20 dBm	-23.20 dB
3.669 GHz	3.670 GHz	300.000 kHz	3.66993 GHz	-35.16 dBm	-22.16 dB
3.670 GHz	3.700 GHz	1.000 MHz	3.68409 GHz	1.71 dBm	-28.29 dB
3.700 GHz	3.701 GHz	300.000 kHz	3.70010 GHz	-37.46 dBm	-24.46 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-33.55 dBm	-20.55 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71147 GHz	-40.66 dBm	-15.66 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.72003 GHz	-44.69 dBm	-4.69 dB

Date: 30.SEP.2022 21:18:49