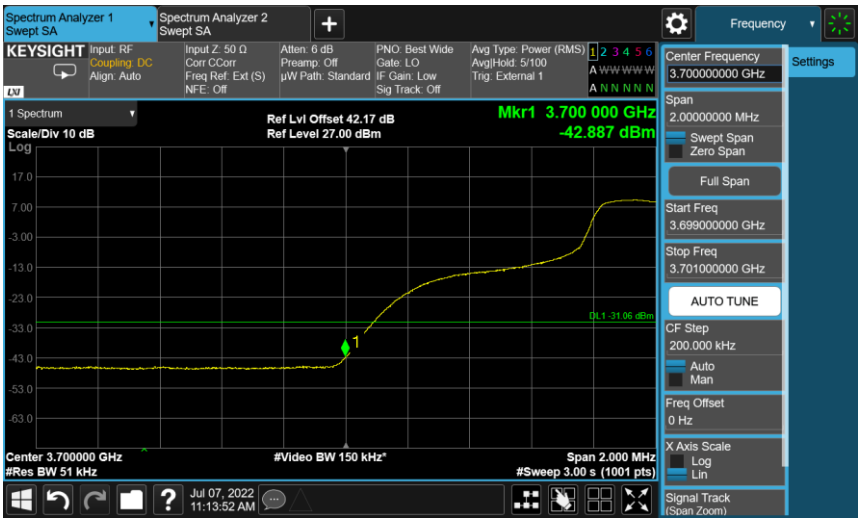
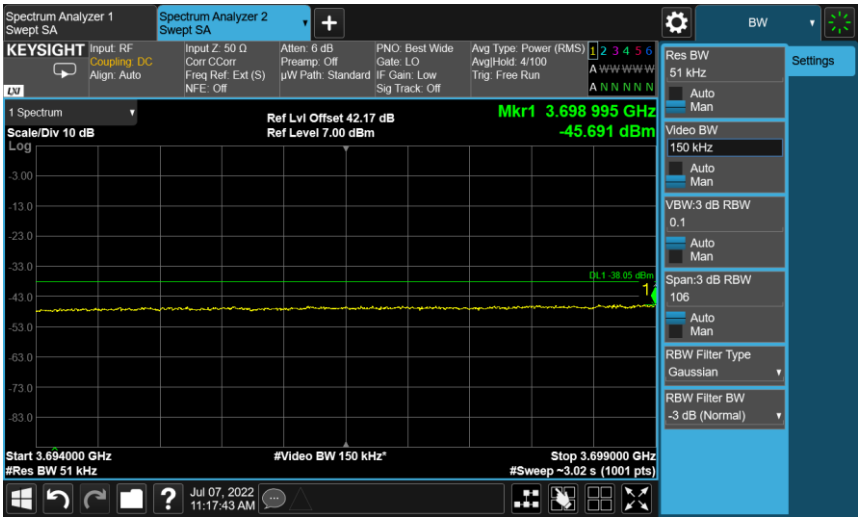
Configuration NR-MIMO-2C, 256QAM

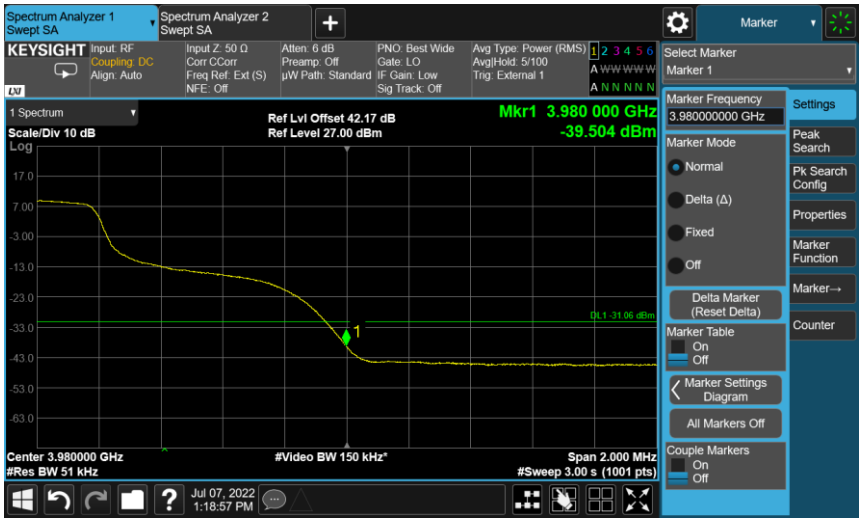
Band Edge Frequency	Channel Bandwidth	RBW	Limit(dBm)
Channel Position B 3700MHz	NR 20.0 MHz	50KHz/50KHz	-31.06/-38.05
Channel Position T 3980MHz	NR 20.0 MHz	50KHz/50KHz	-31.06/-38.05

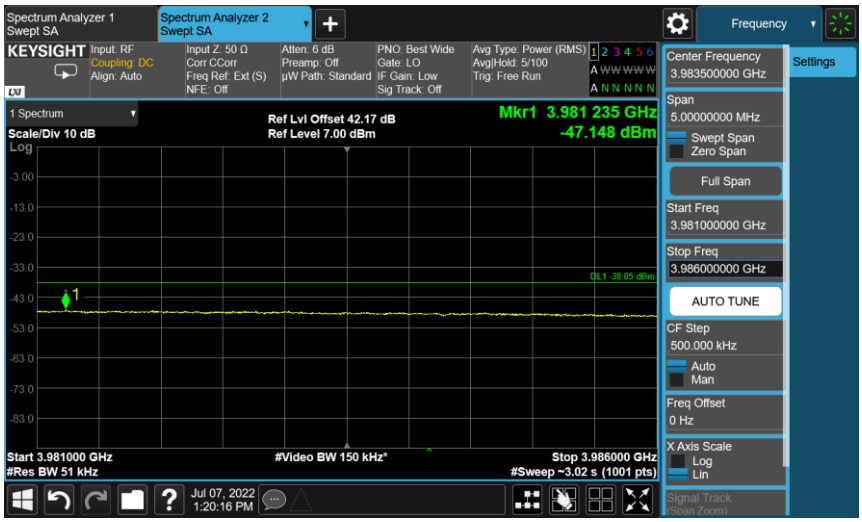
Port 10, Channel Position B, 2C 20.0 MHz





Port 10, Channel Position T, 2C 20.0 MHz

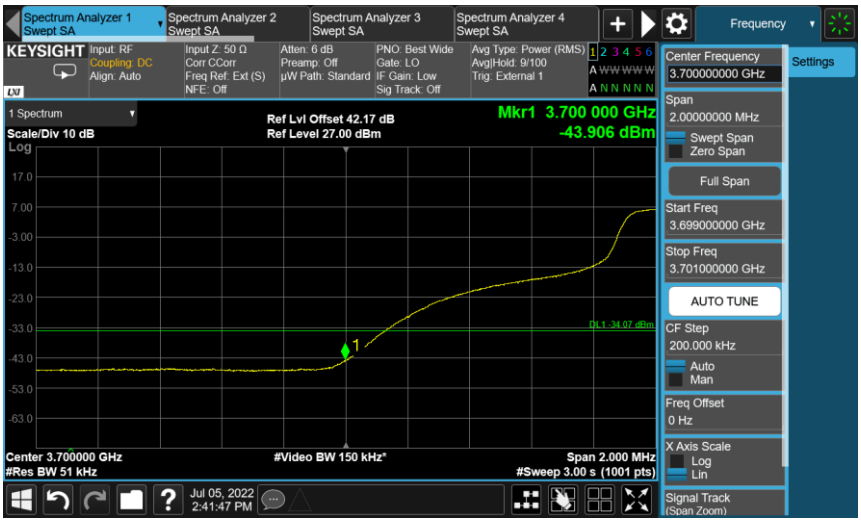


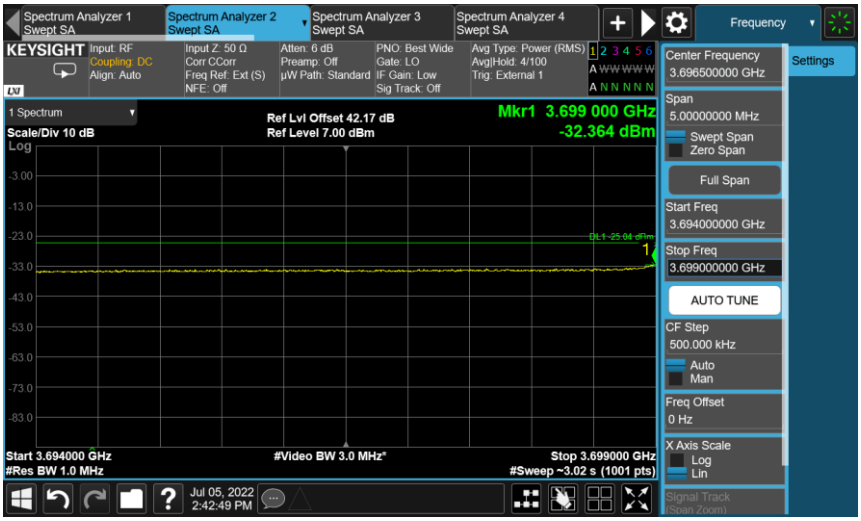


Configuration NR-MIMO-2C, 256QAM

Band Edge Frequency	Channel Bandwidth	RBW	Limit(dBm)
Channel Position B 3700MHz	NR 40.0 MHz	50KHz/1MHz	-34.07/-25.04
Channel Position T 3980MHz	NR 40.0 MHz	50KHz/1MHz	-34.07/-25.04

Port 10, Channel Position B, 2C 40.0 MHz



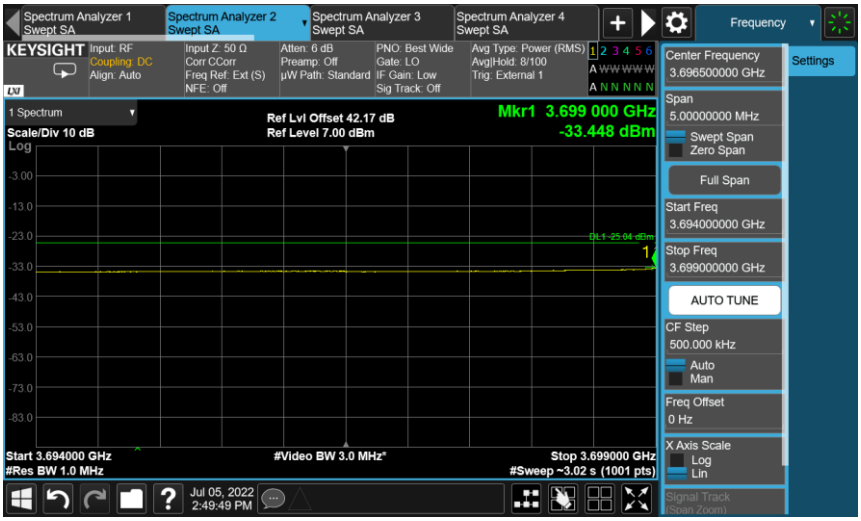


Port 10, Channel Position T, 2C 40.0 MHz

Configuration NR-MIMO-2C, 256QAM

Band Edge Frequency	Channel Bandwidth	RBW	Limit(dBm)
Channel Position B 3700MHz	NR 60.0 MHz	50KHz/1MHz	-35.83/-25.04
Channel Position T 3980MHz	NR 60.0 MHz	50KHz/1MHz	-35.83/-25.04

Port 10, Channel Position B, 2C 60.0 MHz

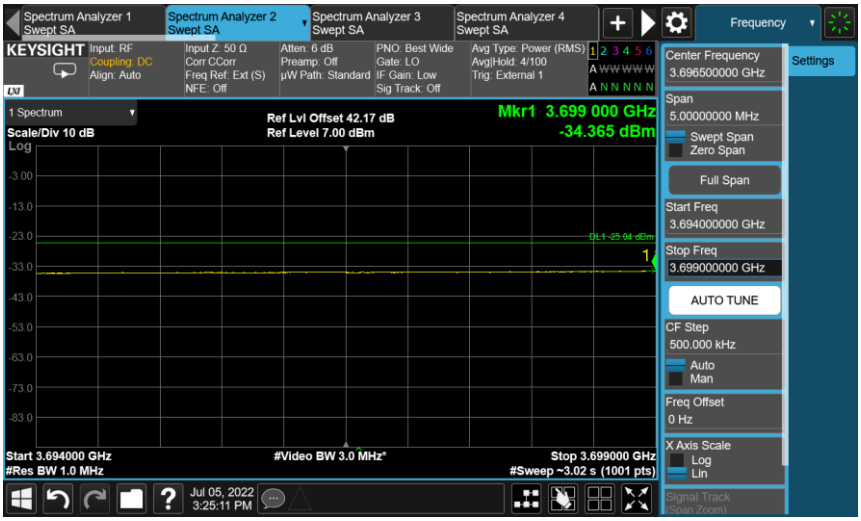


Port 10, Channel Position T, 2C 60.0 MHz

Configuration NR-MIMO-2C, 256QAM

Band Edge Frequency	Channel Bandwidth	RBW	Limit(dBm)
Channel Position B 3700MHz	NR 80.0 MHz	50KHz/1MHz	-37.08/-25.04
Channel Position T 3980MHz	NR 80.0 MHz	50KHz/1MHz	-37.08/-25.04

Port 10, Channel Position B, 2C 80.0 MHz

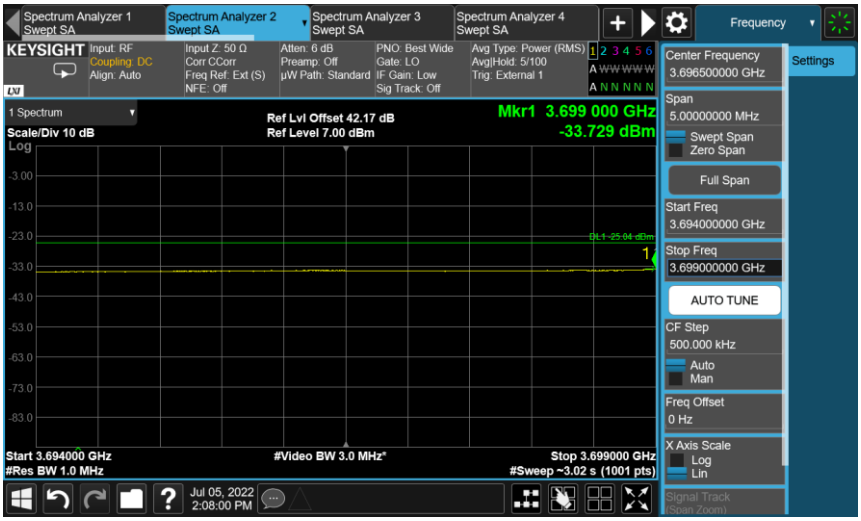


Port 10, Channel Position T, 2C 80.0 MHz

Configuration NR-MIMO-2C, 256QAM

Band Edge Frequency	Channel Bandwidth	RBW	Limit(dBm)
Channel Position B 3700MHz	NR 100.0 MHz	50KHz/1MHz	-38.05/-25.04
Channel Position T 3980MHz	NR 100.0 MHz	50KHz/1MHz	-38.05/-25.04

Port 10, Channel Position B, 2C 100.0 MHz



Port 10, Channel Position T, 2C 100.0 MHz

A.4 Transmitter unwanted emissions - Conducted Spurious Emission

A.4.1 Reference

FCC CFR 47 Part 2, Clause 2.1051
FCC CFR 47 Part 27, Clause 27.53(l)

A.4.2 Method of measurement

In accordance with FCC rules, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

For MIMO mode configurations, the limit was adjusted with a correction of -12.04dB [10Log16] by using the Measure and Add 10Log(N) dB technique according to FCC KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports. Then the limit was adjusted to -25.04dBm.

The spurious emissions from the antenna terminal were measured. The transmitter output power was attenuated using an attenuator and the frequency spectrum investigated from 3kHz to 39.8GHz. The resolution bandwidth of 1MHz was employed. The spectrum analyzer detector was set to RMS.

A.4.3 Measurement limit

The conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

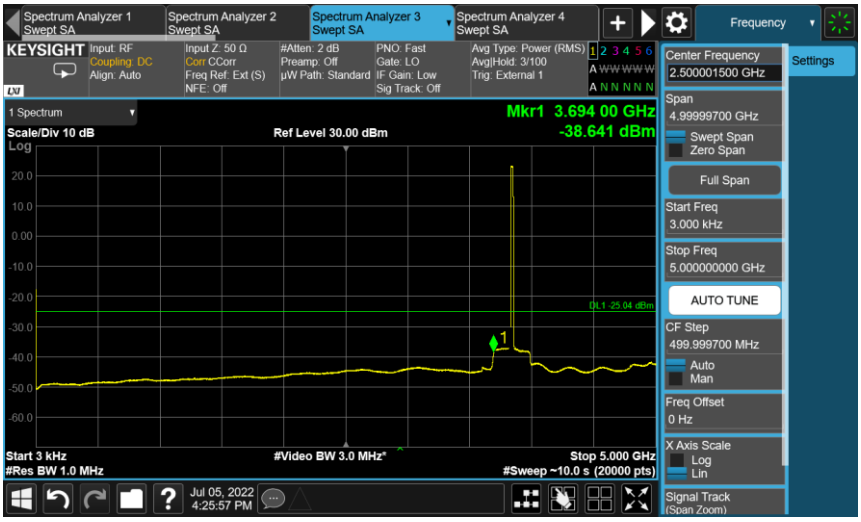
A.4.4 Measurement results

Configuration NR-MIMO-1C, 256QAM

Channel Bandwidth	RBW (MHz)	Limit (dBm)
20.0 MHz	1.0	-25.04

Port 10, Channel Position B

Port 10, Channel Position M

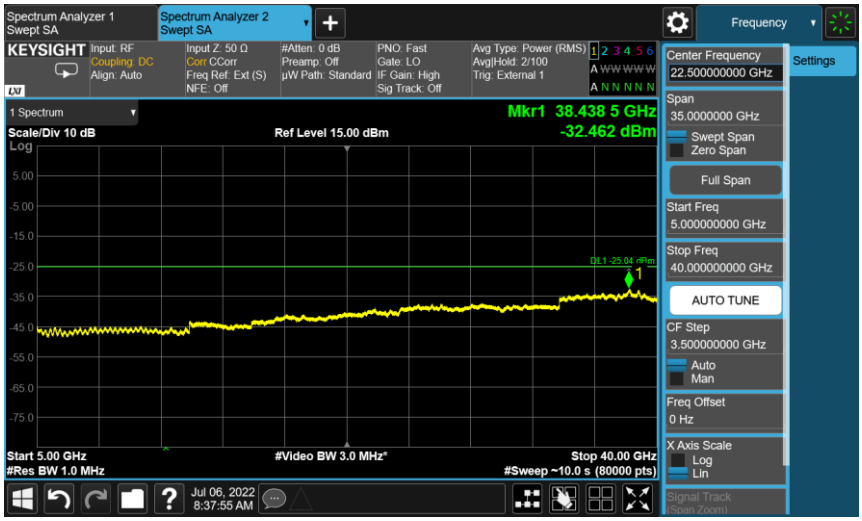


Port 10, Channel Position T

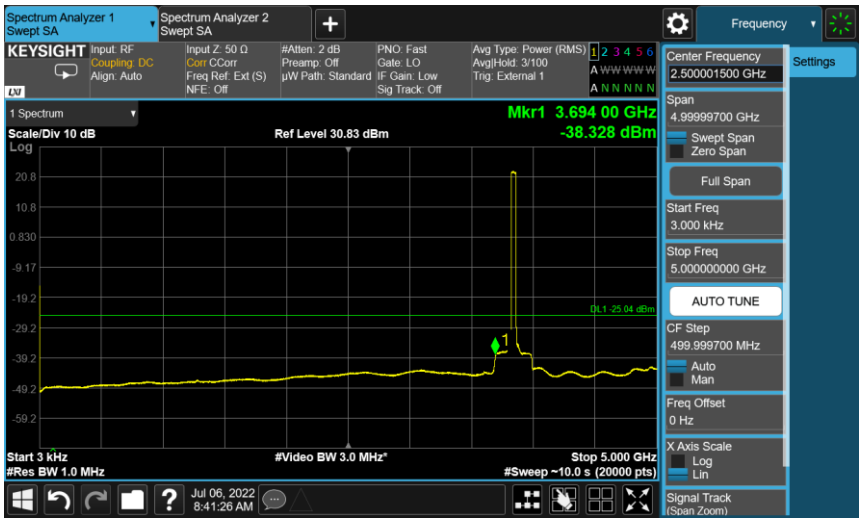
Configuration NR-MIMO-1C, 256QAM

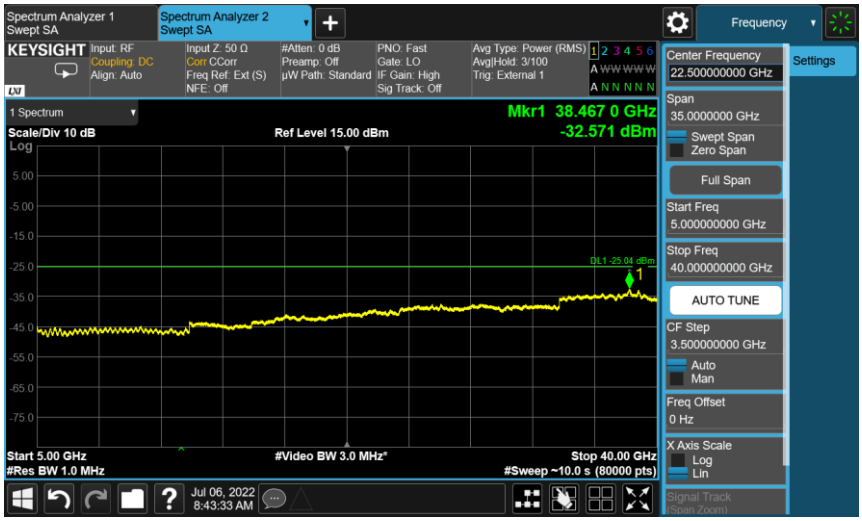
Channel Bandwidth	RBW (MHz)	Limit (dBm)
40.0 MHz	1.0	-25.04

Port 10, Channel Position B

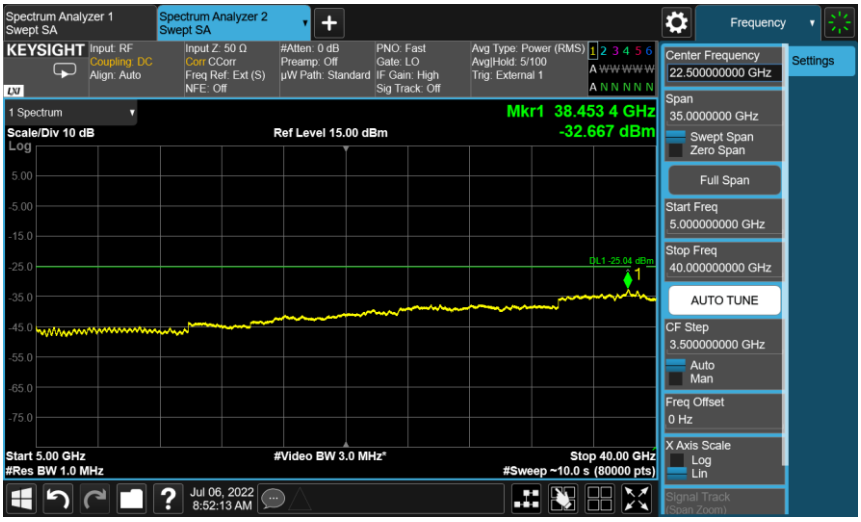


Port 10, Channel Position M





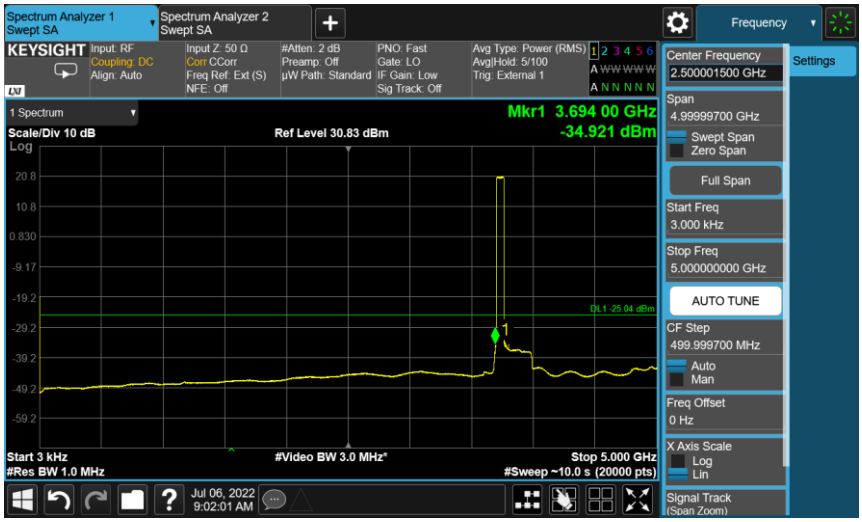
Port 10, Channel Position T



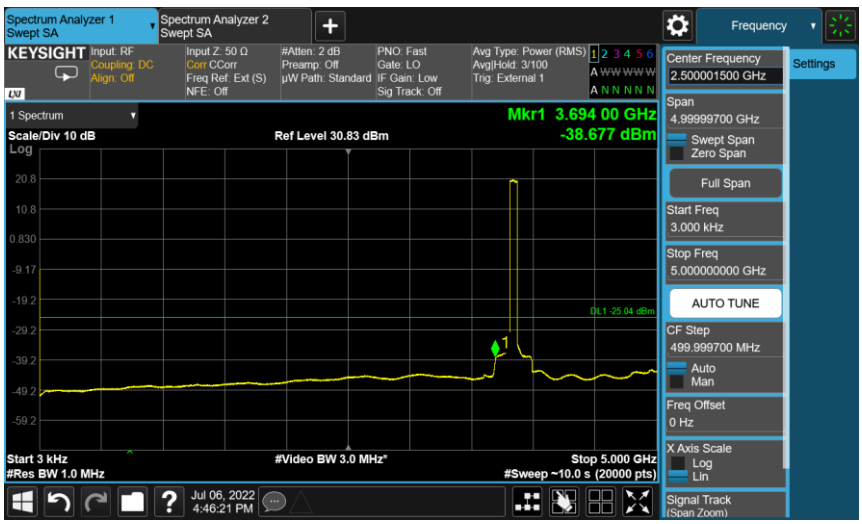
Configuration NR-MIMO-1C, 256QAM

Channel Bandwidth	RBW (MHz)	Limit (dBm)
60.0 MHz	1.0	-25.04

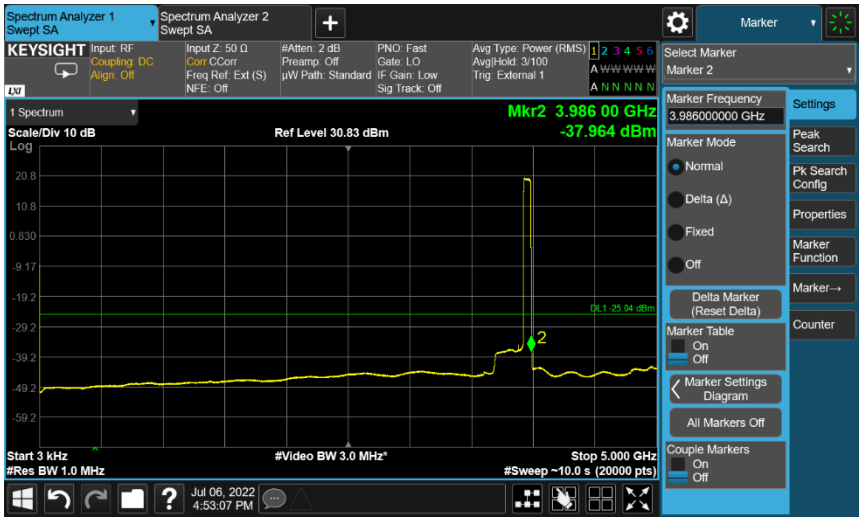
Port 10, Channel Position B



Port 10, Channel Position M



Port 10, Channel Position T



Configuration NR-MIMO-1C, 256QAM

Channel Bandwidth	RBW (MHz)	Limit (dBm)
80.0 MHz	1.0	-25.04

Port 10, Channel Position B