



7. Test of Conducted Spurious Emission

7.1 Test Limit

According to the methods defined in ANSI C63.10-2013 Section 11.11.1

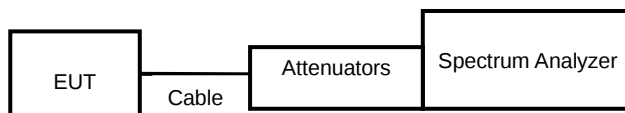
Below –30dB of the highest emission level of operating band (In 100 kHz Resolution Bandwidth)

7.2 Test Procedure

According to the methods defined in ANSI C63.10-2013 Section 11.11.2 & 11.11.3

- The transmitter output was connected to the spectrum analyzer via a low loss cable.
- Set RBW of spectrum analyzer to 100 KHz and VBW of spectrum analyzer to 300 KHz with convenient frequency span including 100 KHz bandwidth from band edge.
- Peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 30dB relative to the maximum measured in-band peak PSD level.
- The band edges was measured and recorded.

7.3 Test Setup Layout



7.4 Test Result and Data

Note: Test plots refers to the following pages.

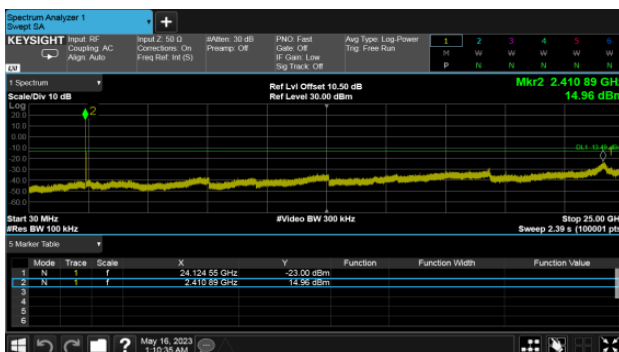
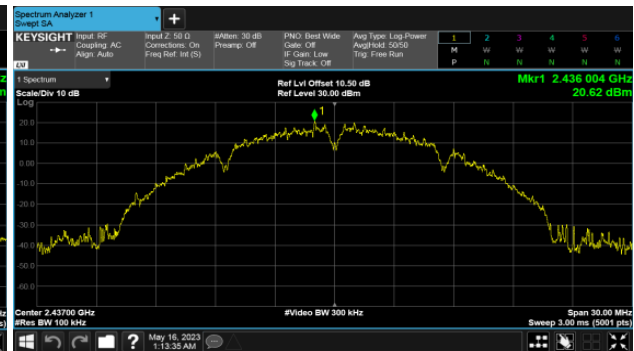
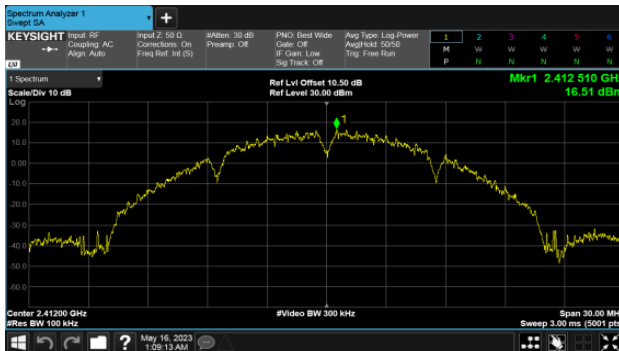


ANT A

Non BeamForming -Omni Antenna

Modulation Type: 802.11b, CH 01

Modulation Type: 802.11b, CH 06

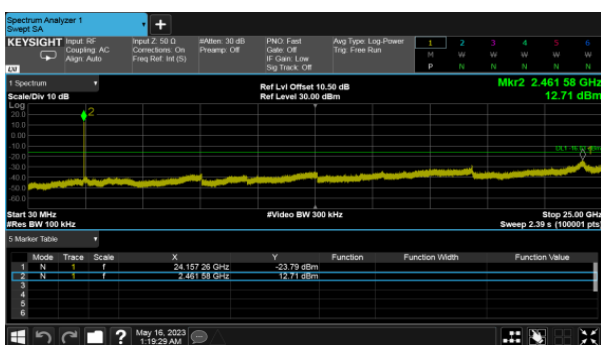
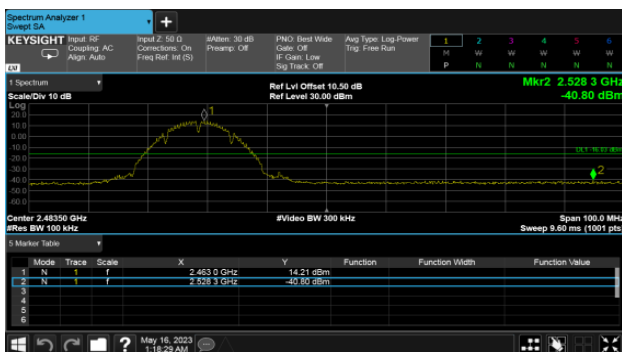
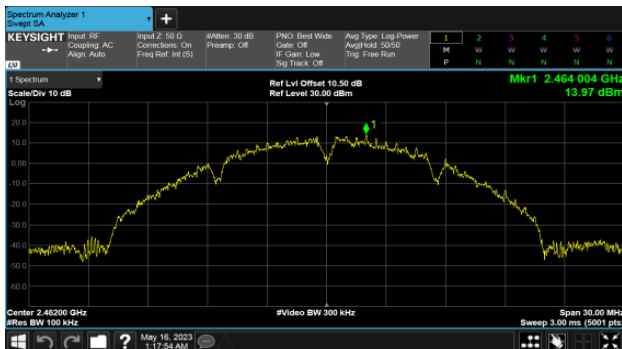




ANT A

Non BeamForming -Omni Antenna

Modulation Type: 802.11b, CH 11

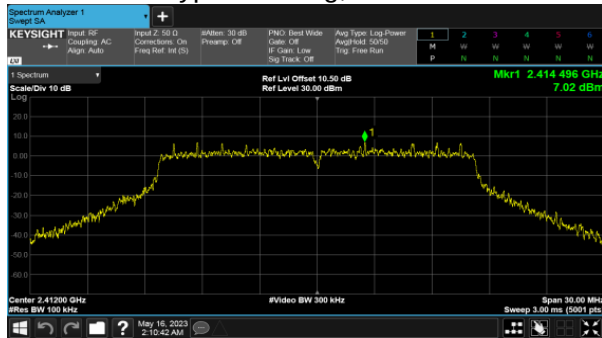




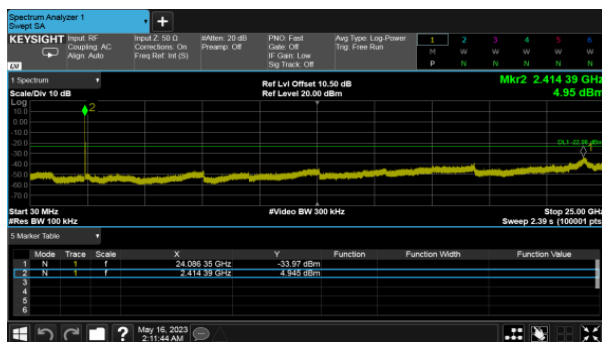
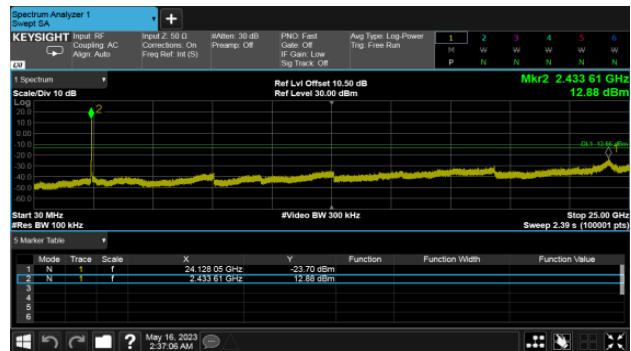
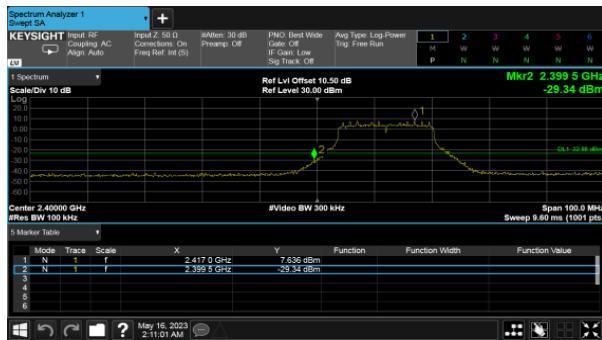
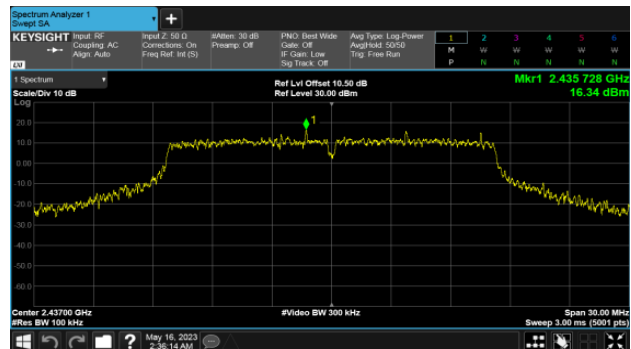
ANT A

Non BeamForming -Omni Antenna

Modulation Type: 802.11g, CH 01



Modulation Type: 802.11g, CH 06

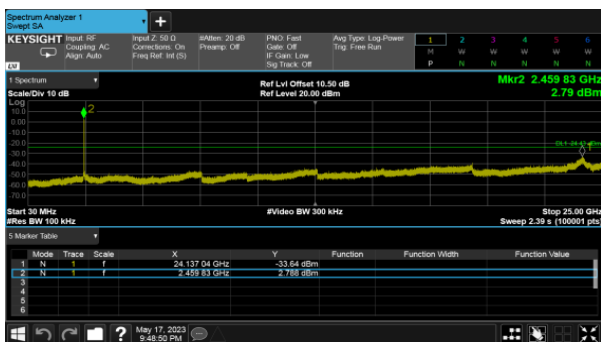
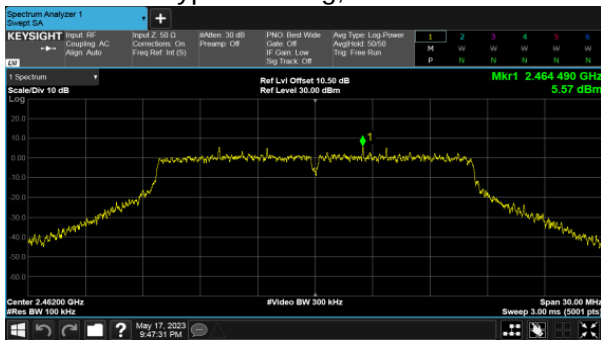




ANT A

Non BeamForming -Omni Antenna

Modulation Type: 802.11g, CH 11

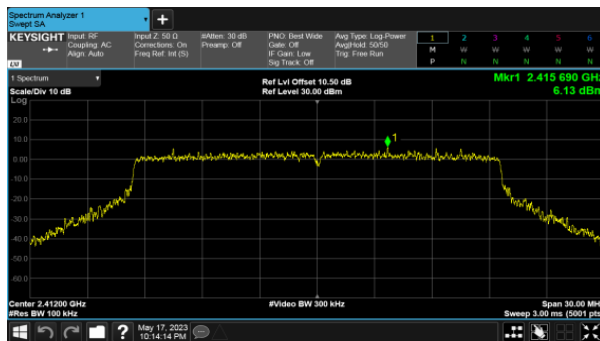




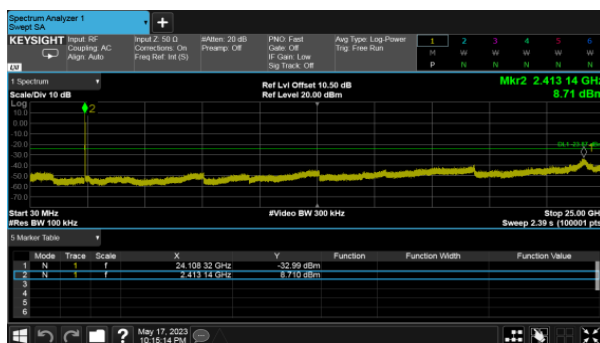
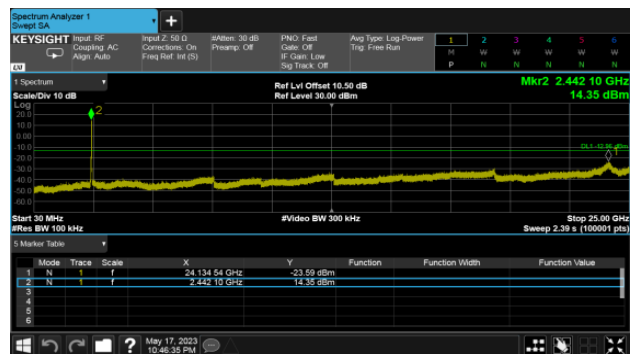
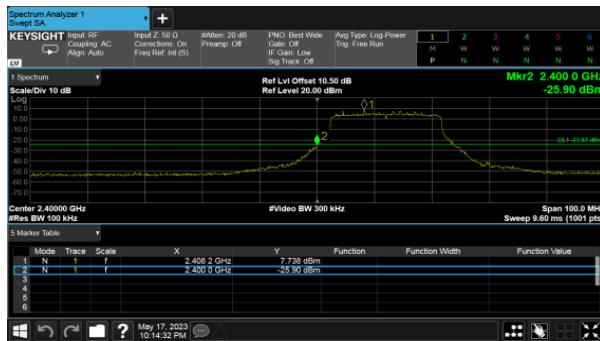
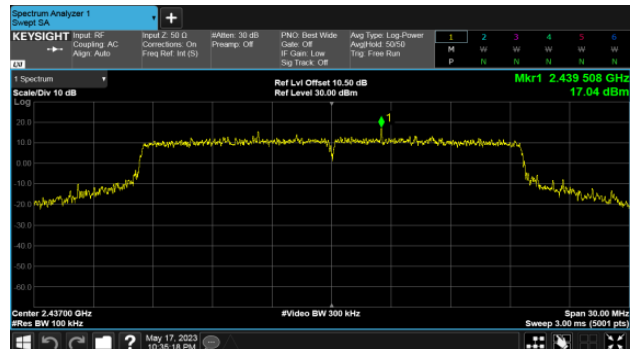
ANT A

Non BeamForming -Omni Antenna

Modulation Type: 802.11ax HE20, CH01



Modulation Type: 802.11ax HE20, CH06

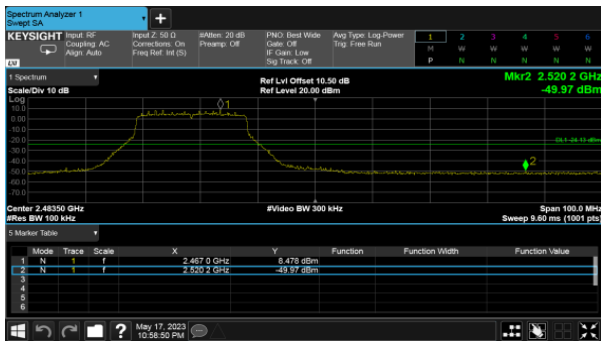
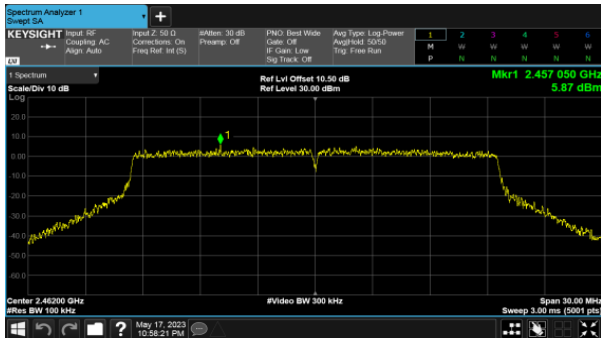




ANT A

Non BeamForming -Omni Antenna

Modulation Type: 802.11ax HE20, CH11



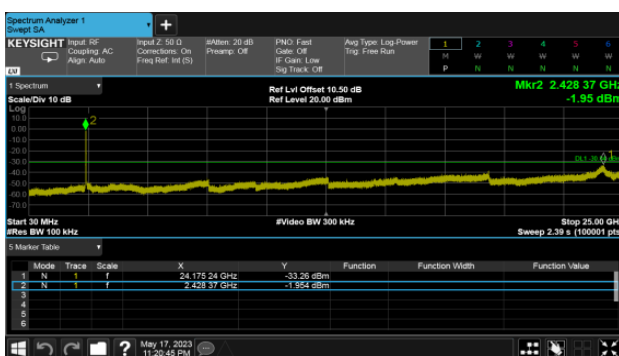
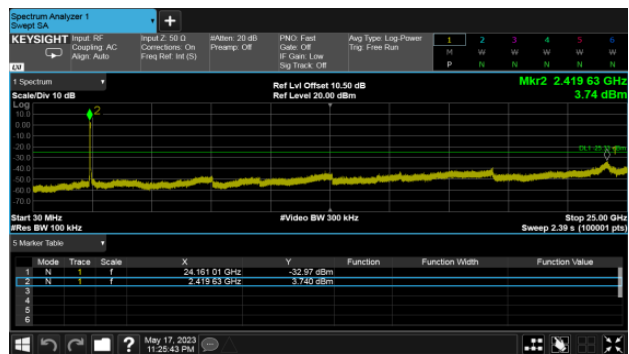
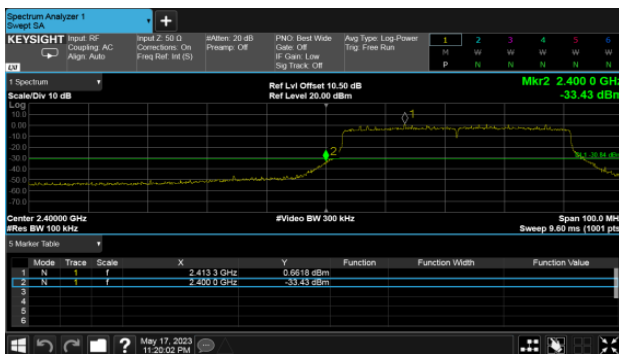
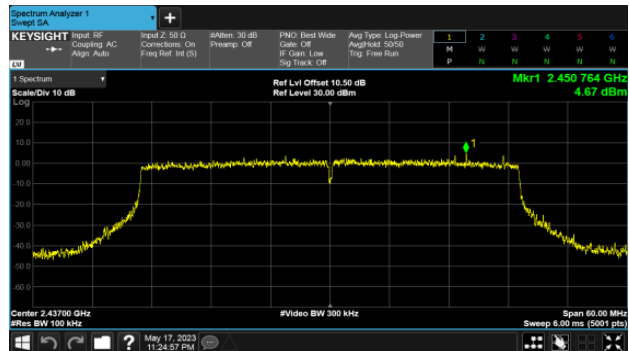
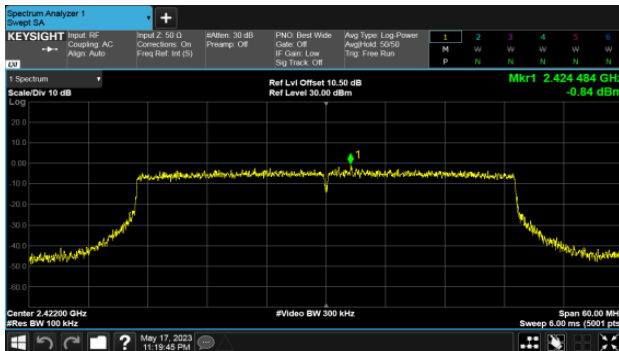


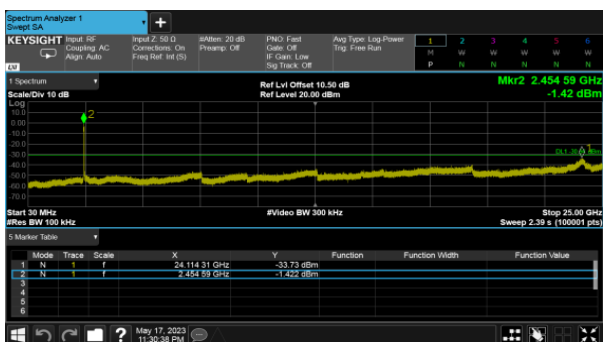
ANT A

Non BeamForming -Omni Antenna

Modulation Type: 802.11ax HE40, CH03

Modulation Type: 802.11ax HE40, CH06





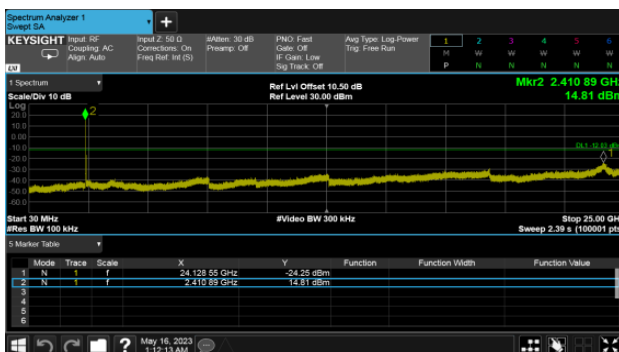
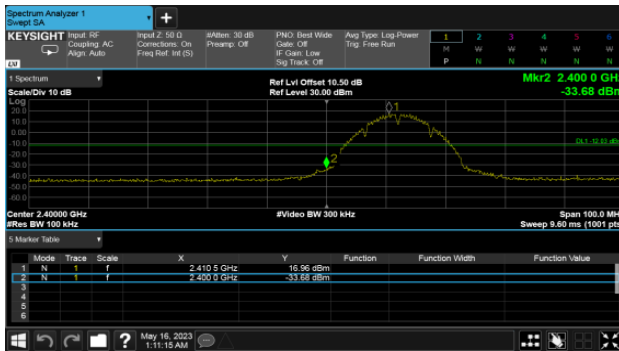
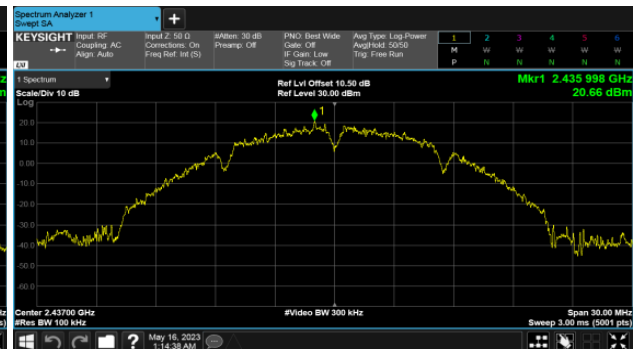
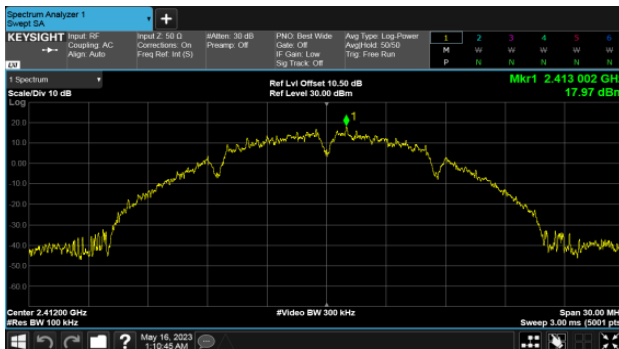


ANT B

Non BeamForming -Omni Antenna

Modulation Type: 802.11b, CH 01

Modulation Type: 802.11b, CH 06

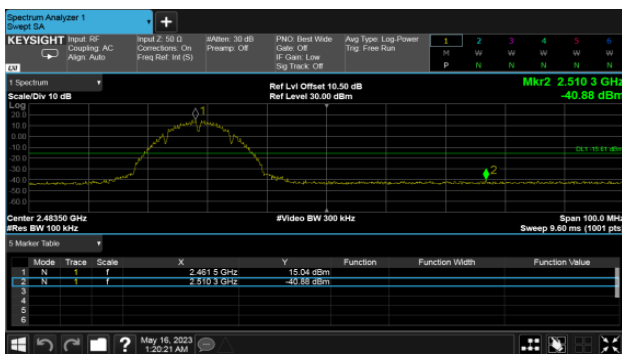
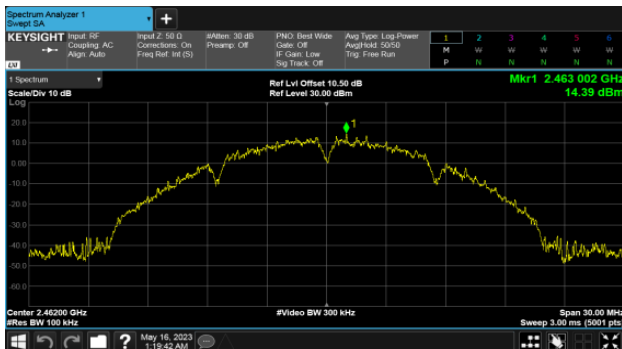




ANT B

Non BeamForming -Omni Antenna

Modulation Type: 802.11b, CH 11



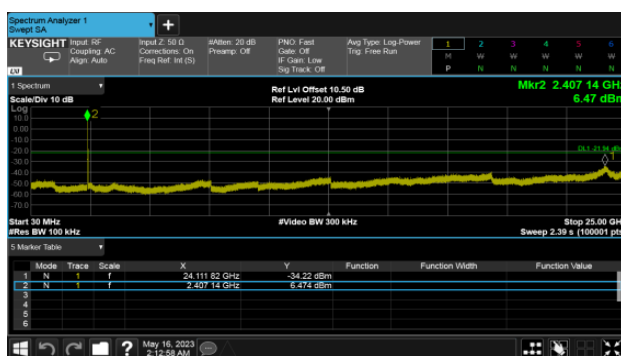
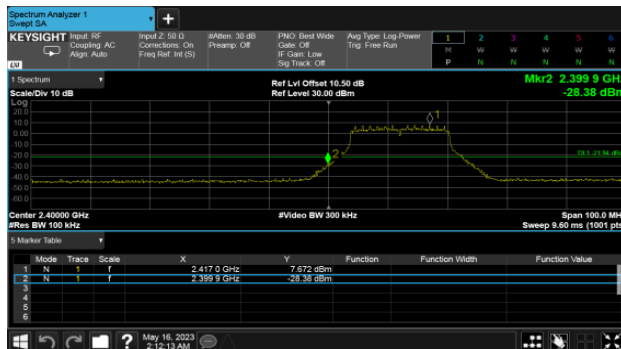
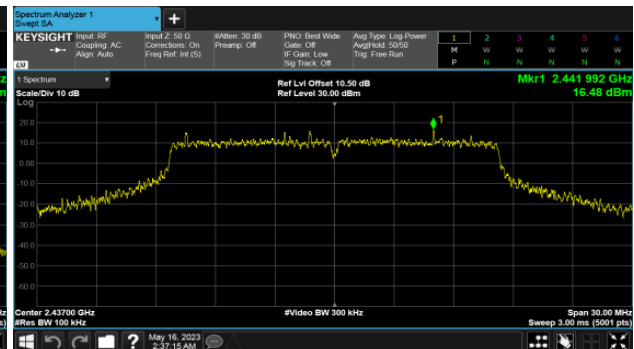
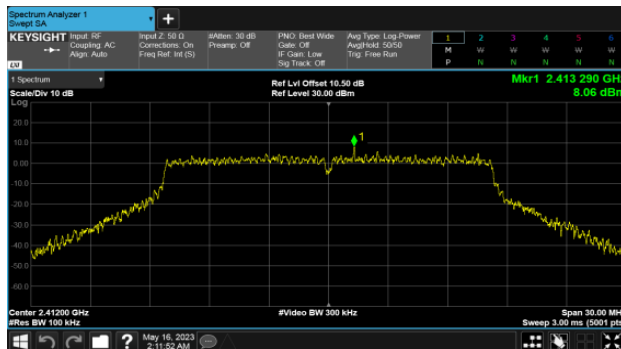


ANT B

Non BeamForming -Omni Antenna

Modulation Type: 802.11g, CH 01

Modulation Type: 802.11g, CH 06

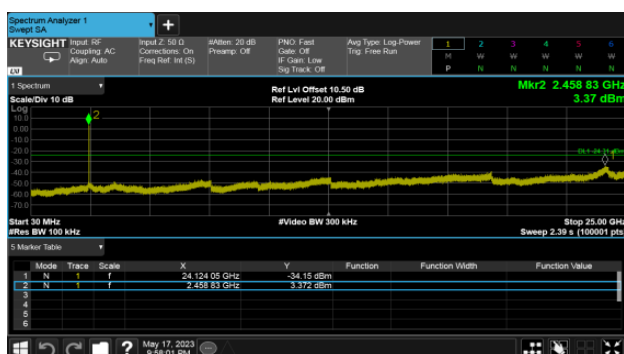
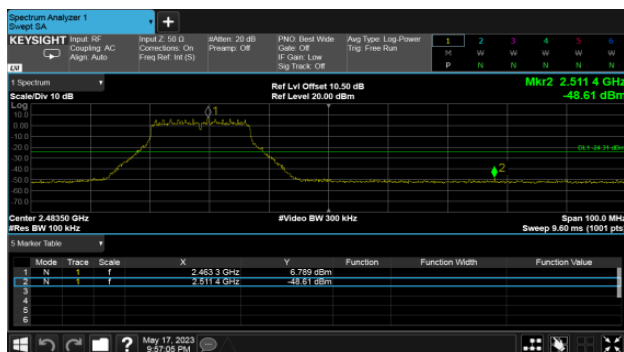
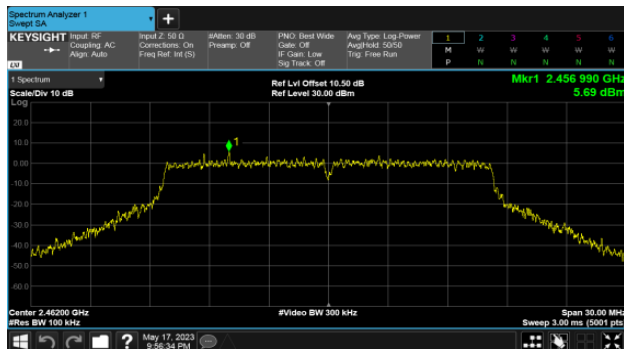




ANT B

Non BeamForming -Omni Antenna

Modulation Type: 802.11g, CH 11



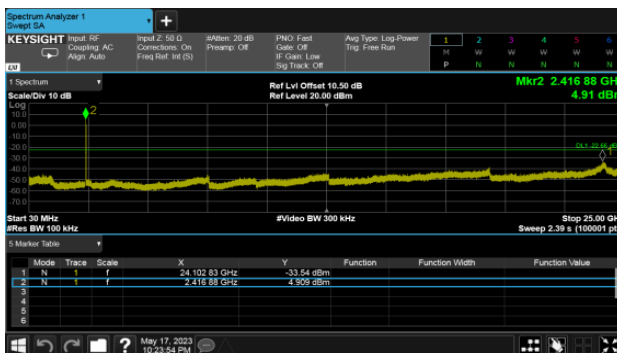
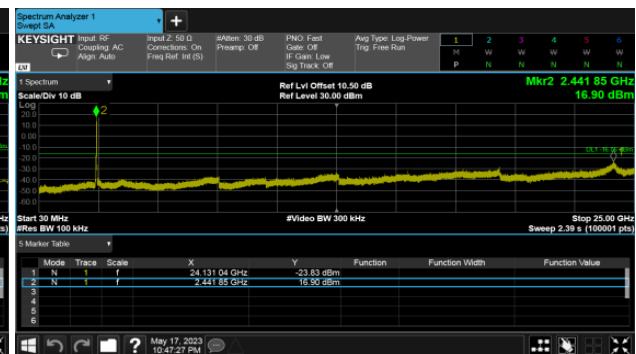
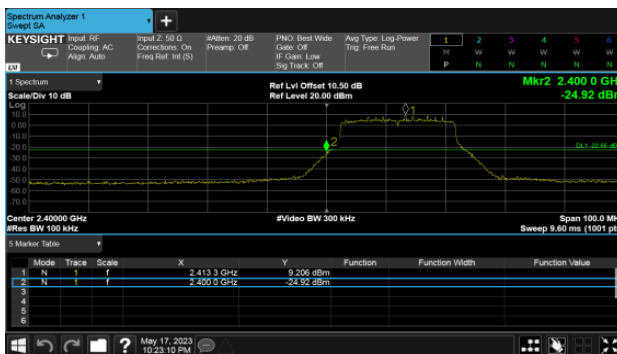
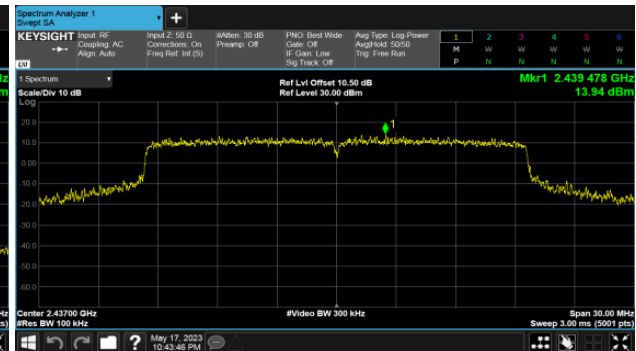
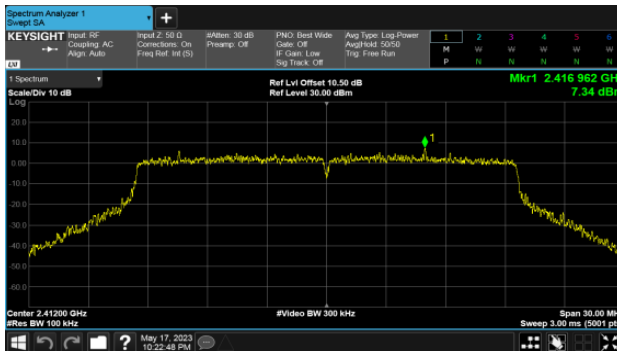


ANT B

Non BeamForming -Omni Antenna

Modulation Type: 802.11ax HE20, CH01

Modulation Type: 802.11ax HE20, CH06

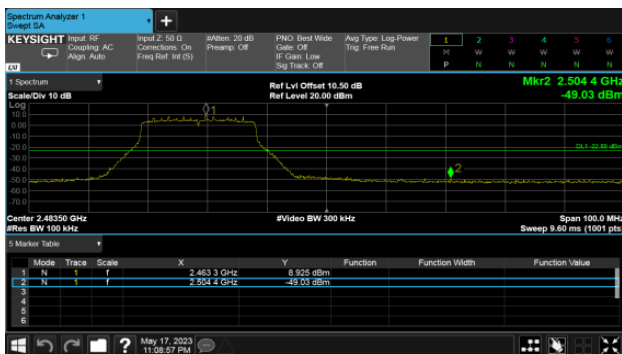
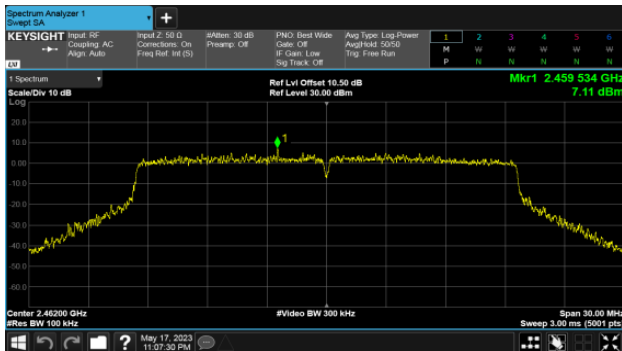




ANT B

Non BeamForming -Omni Antenna

Modulation Type: 802.11ax HE20, CH11



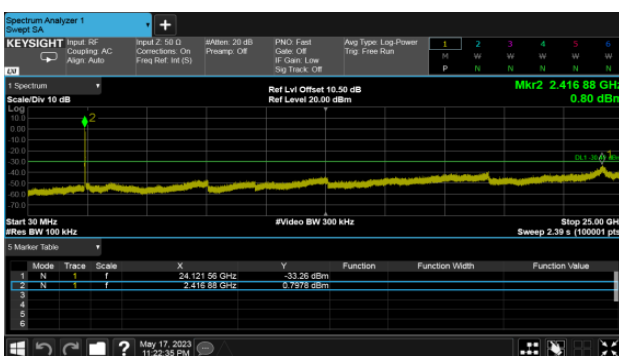
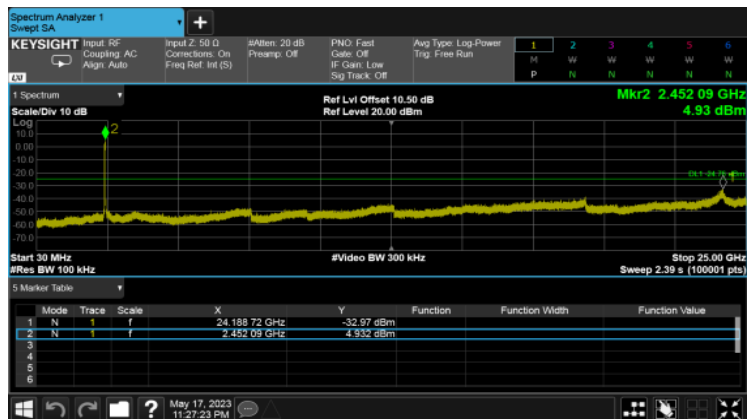
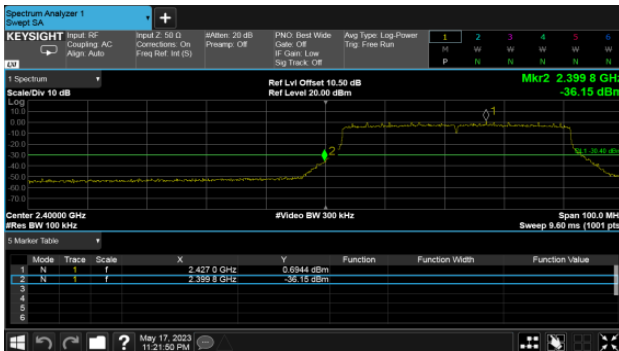
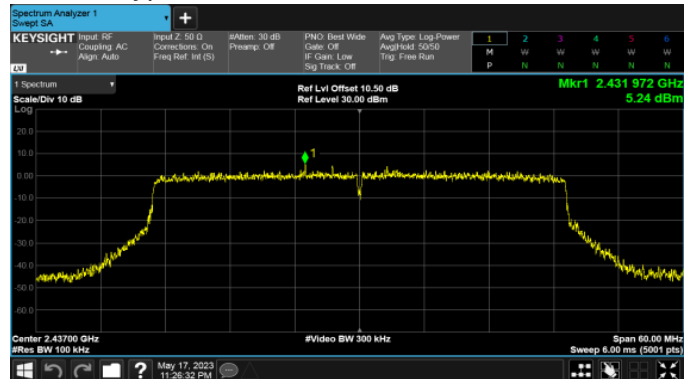
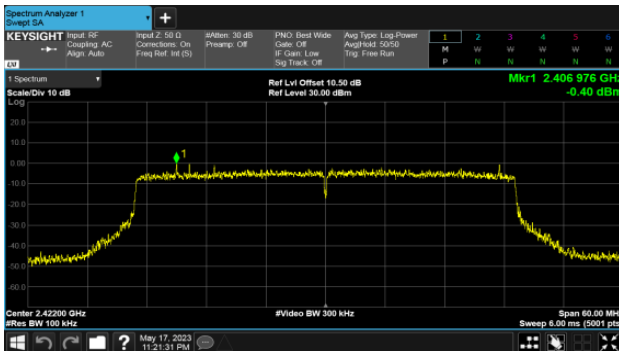


ANT B

Non BeamForming -Omni Antenna

Modulation Type: 802.11ax HE40, CH03

Modulation Type: 802.11ax HE40, CH06

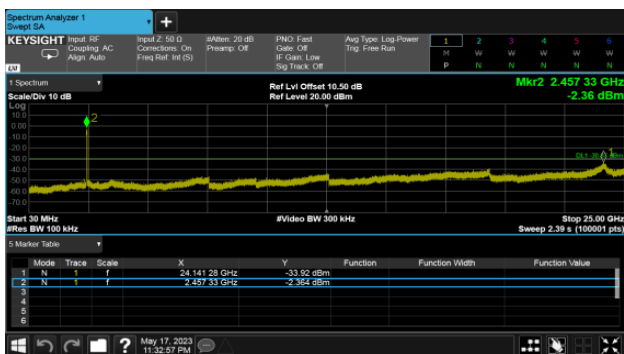
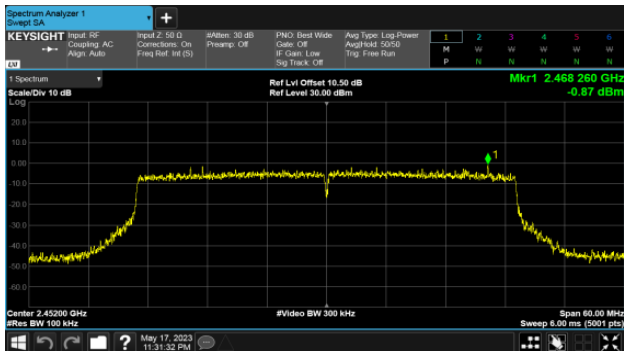




ANT B

Non BeamForming -Omni Antenna

Modulation Type: 802.11ax HE40, CH09



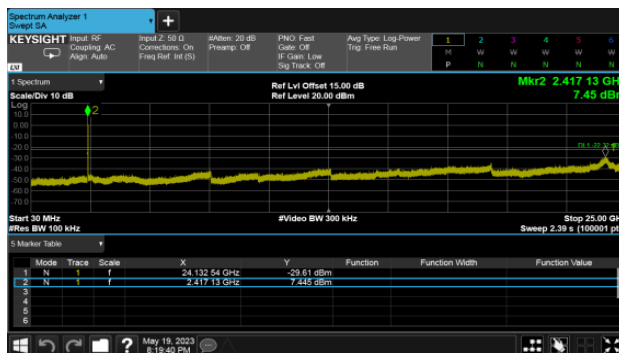
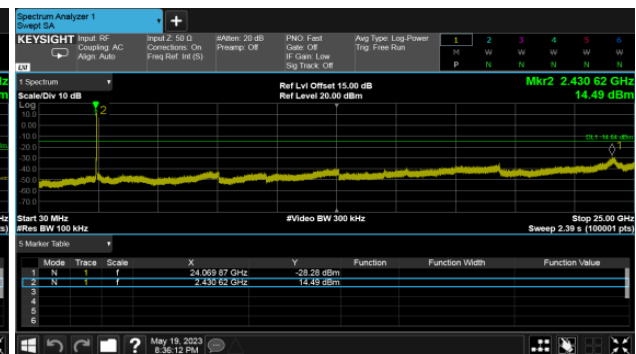
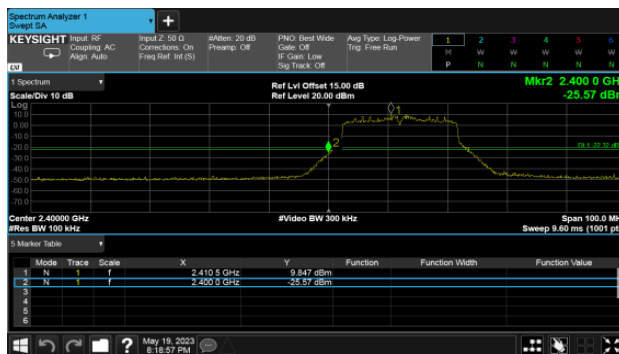
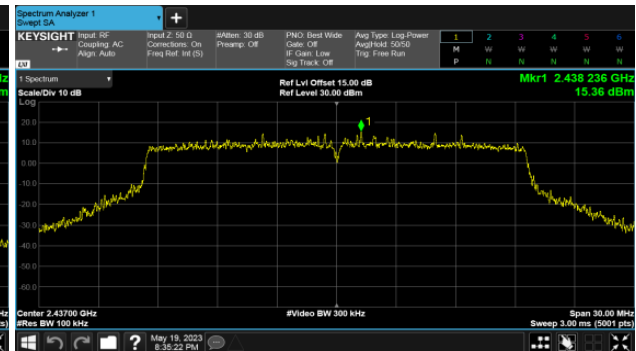
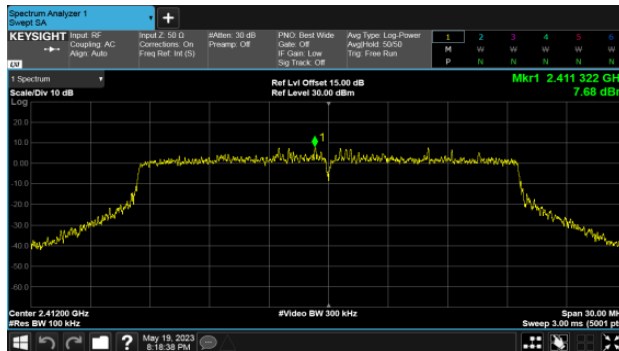


ANT A

BeamForming -Omni Antenna

Modulation Type: 802.11ax HE20, CH01

Modulation Type: 802.11ax HE20, CH06

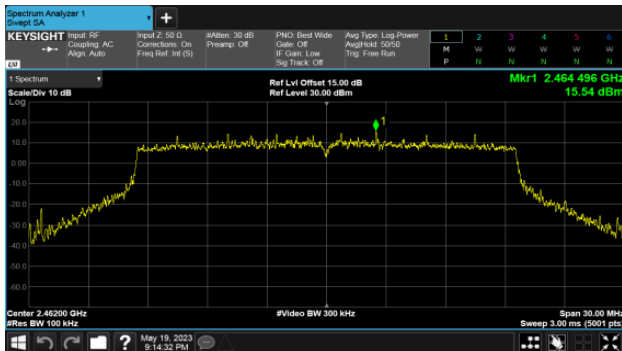




ANT A

BeamForming -Omni Antenna

Modulation Type: 802.11ax HE20, CH11



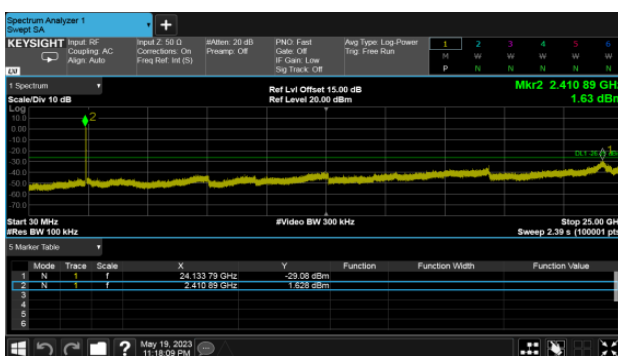
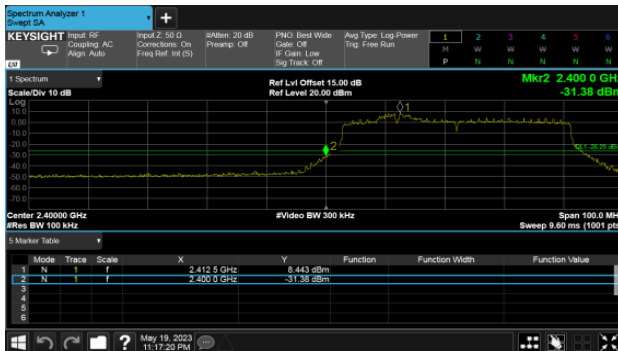
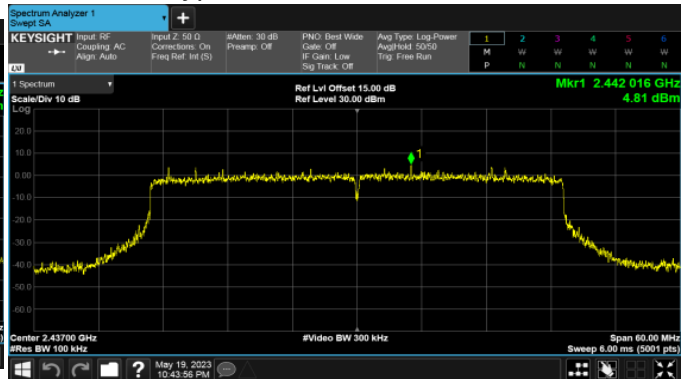
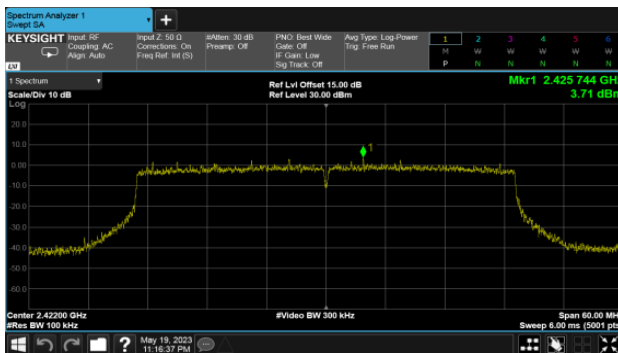


ANT A

BeamForming -Omni Antenna

Modulation Type: 802.11ax HE40, CH03

Modulation Type: 802.11ax HE40, CH06

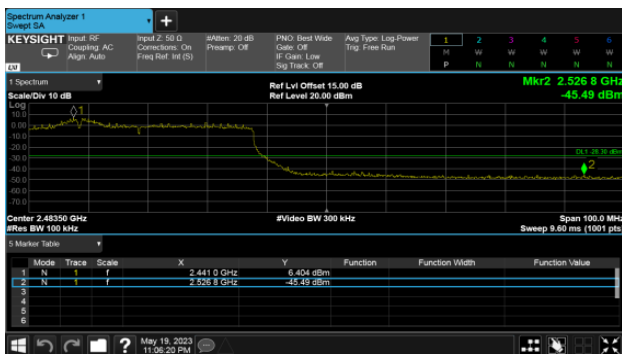
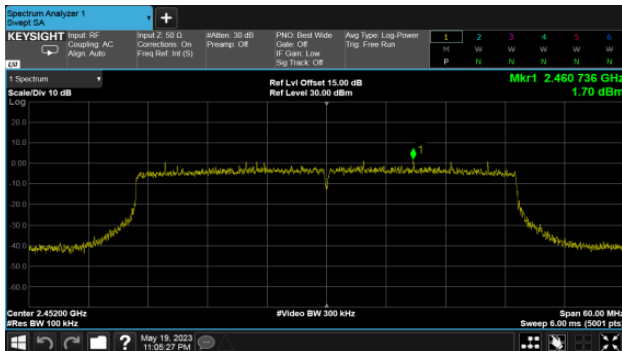




ANT A

BeamForming -Omni Antenna

Modulation Type: 802.11ax HE40, CH09

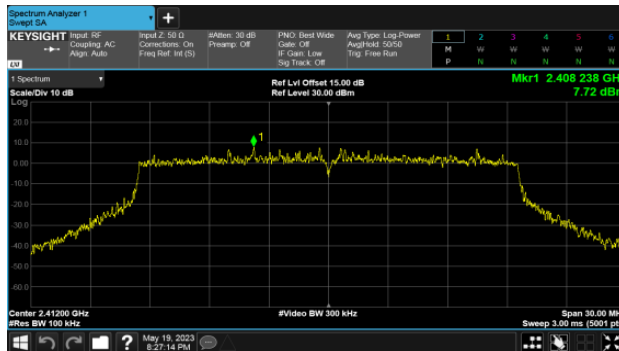




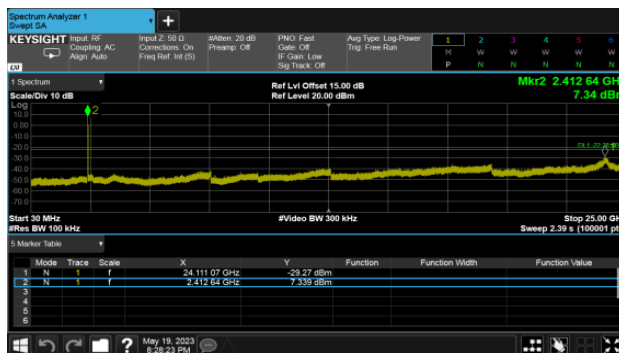
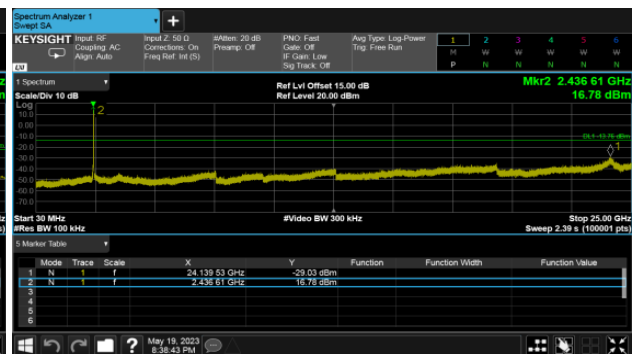
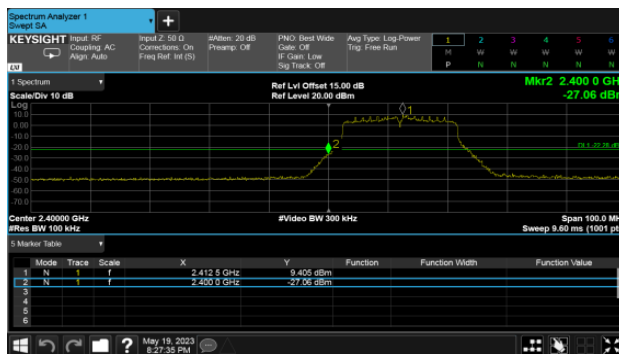
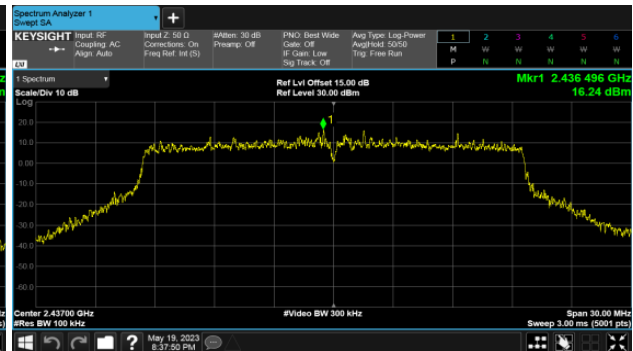
ANT B

BeamForming -Omni Antenna

Modulation Type: 802.11ax HE20, CH01



Modulation Type: 802.11ax HE20, CH06

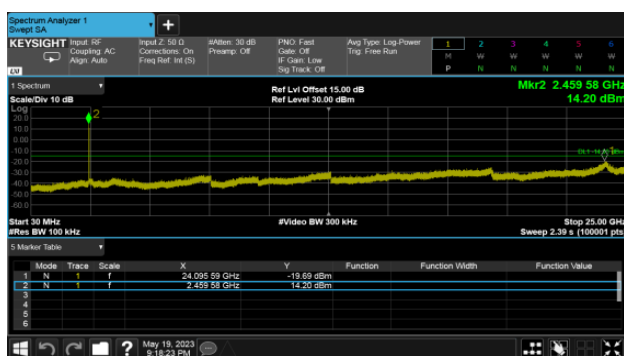
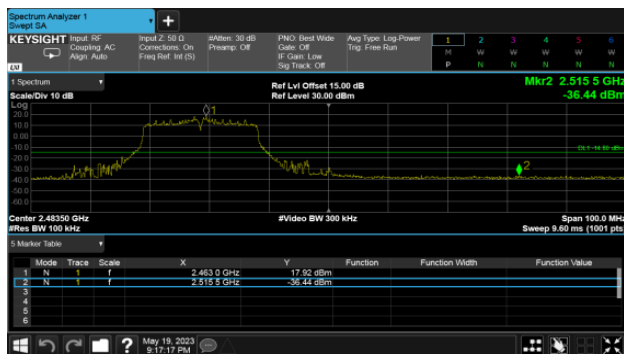
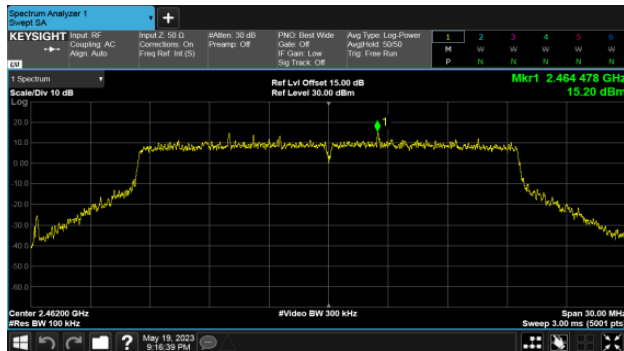




ANT B

BeamForming -Omni Antenna

Modulation Type: 802.11ax HE20, CH11



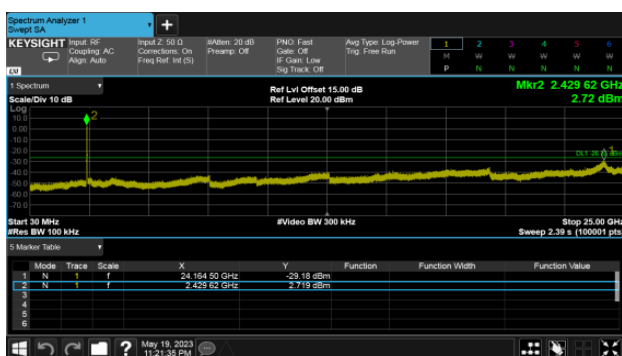
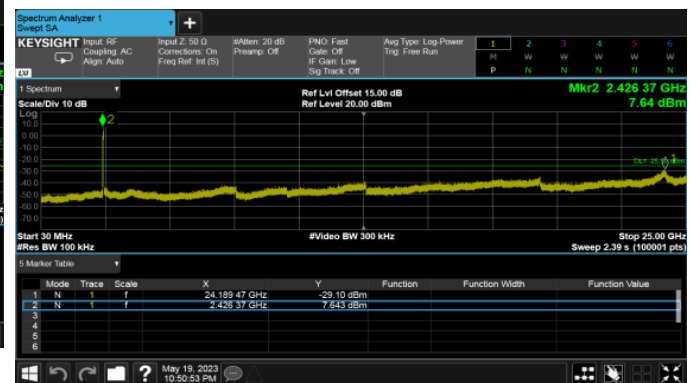
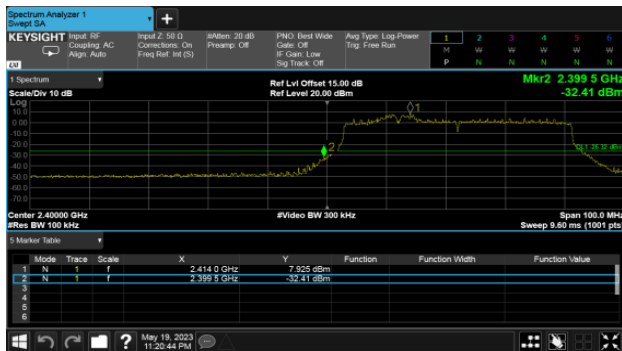
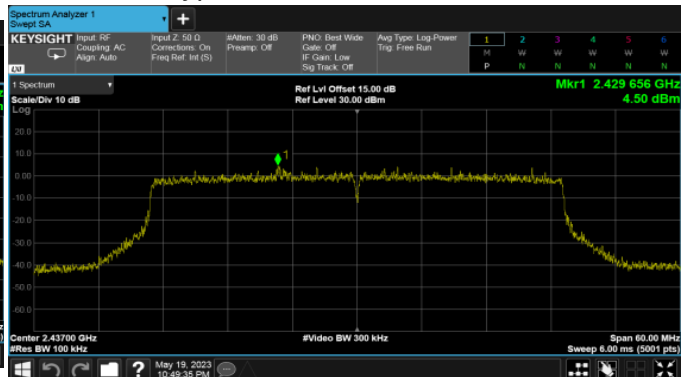
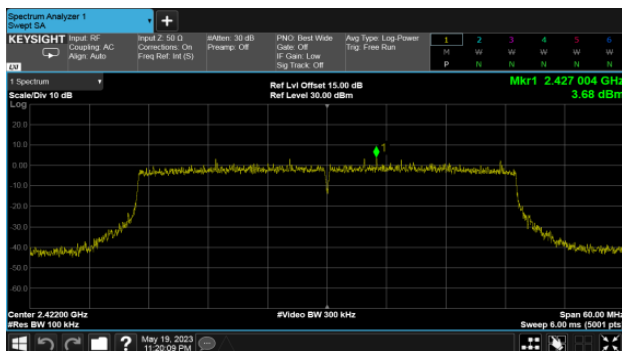


ANT B

BeamForming -Omni Antenna

Modulation Type: 802.11ax HE40, CH03

Modulation Type: 802.11ax HE40, CH06





ANT B

BeamForming -Omni Antenna

Modulation Type: 802.11ax HE40, CH09

