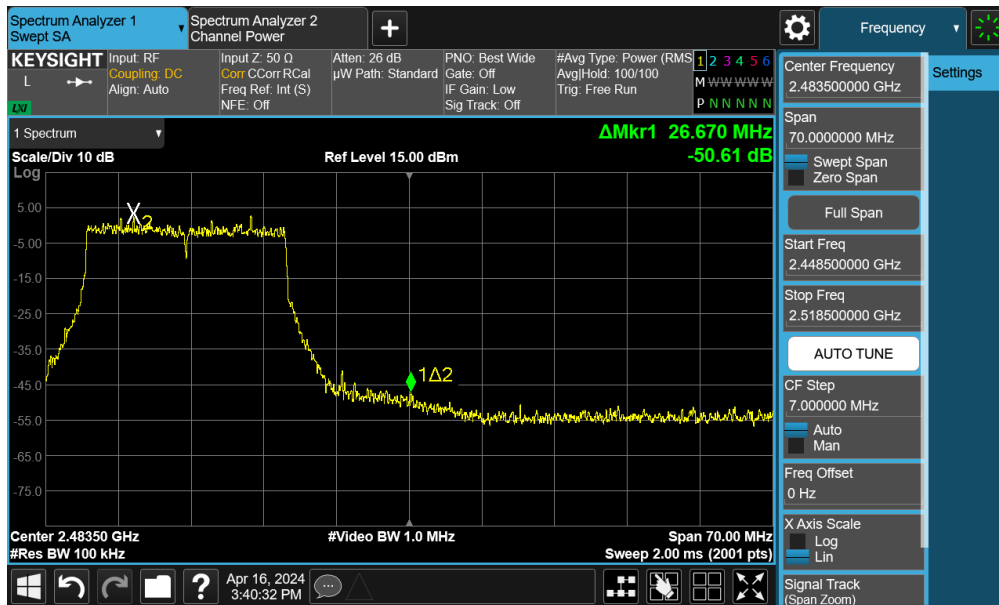
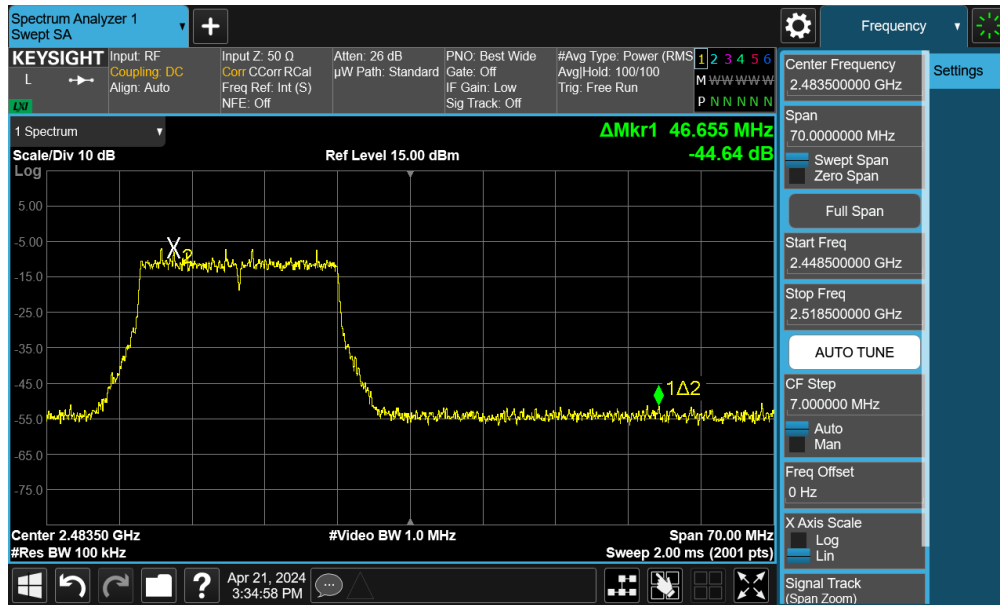


Plot 7-50. Band Edge Plot SISO ANT1 (802.11be OFDMA – 242 Tones – Ch. 1)

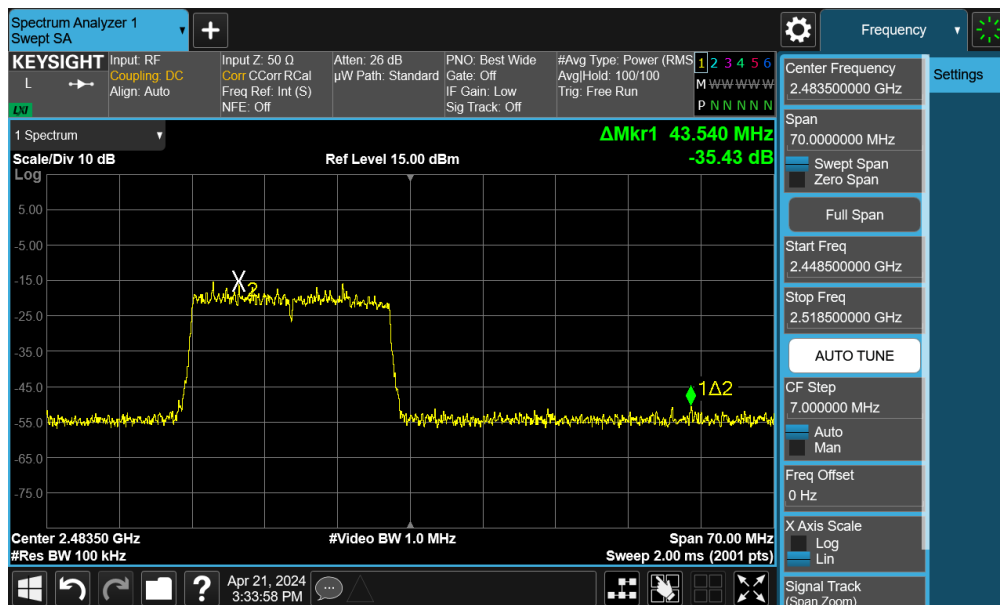


Plot 7-51. Band Edge Plot SISO ANT1 (802.11be OFDMA – 242 Tones – Ch. 11)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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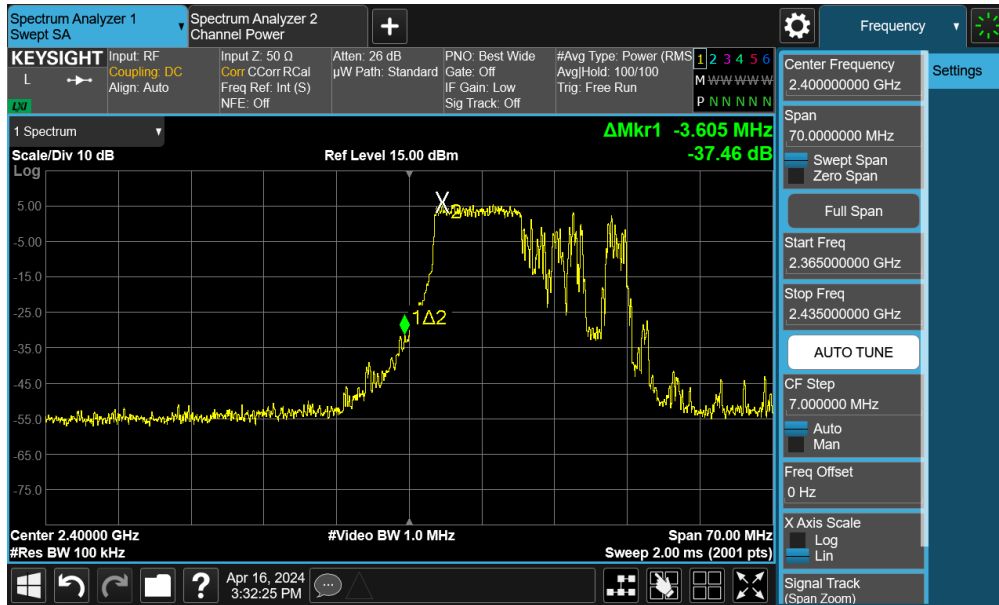
Plot 7-52. Band Edge Plot SISO ANT1 (802.11be OFDMA – 242 Tones – Ch. 12)



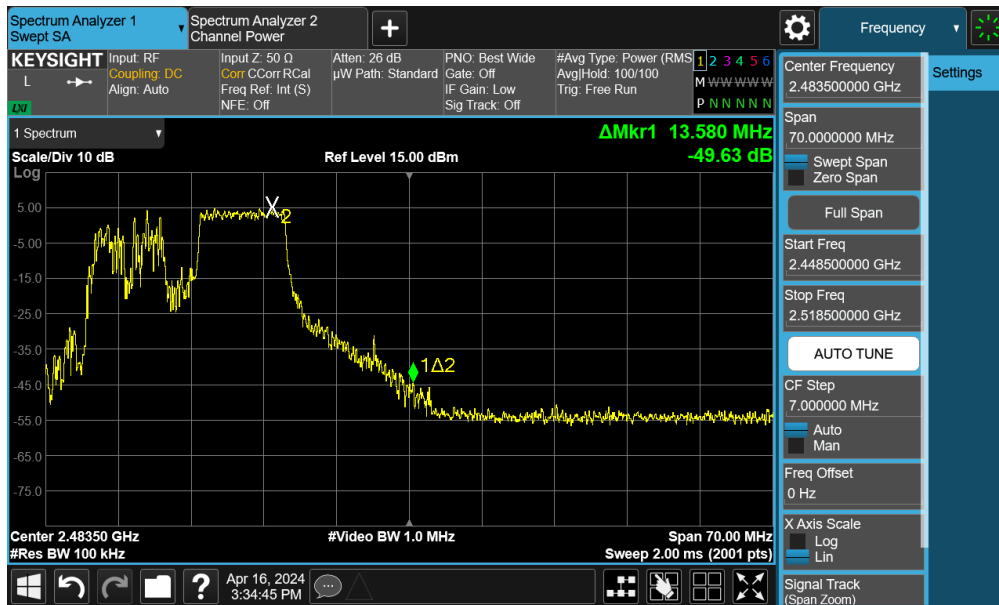
Plot 7-53. Band Edge Plot SISO ANT1 (802.11be OFDMA – 242 Tones – Ch. 13)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2401250007-04-R1.A3L	Test Dates: 03/26/2024 – 04/24/2024	EUT Type: Portable Computing Device	Page 52 of 104

7.5.3 MIMO Antenna-2 Conducted Band Edge Emissions

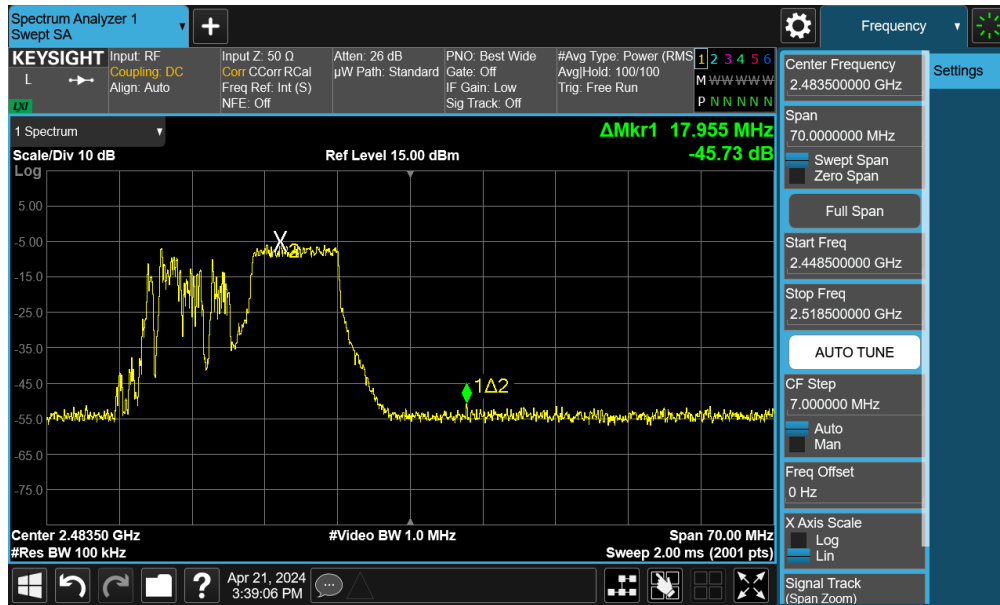


Plot 7-54. Band Edge Plot MIMO ANT2 (802.11be OFDMA – 106 Tones – Ch. 1)

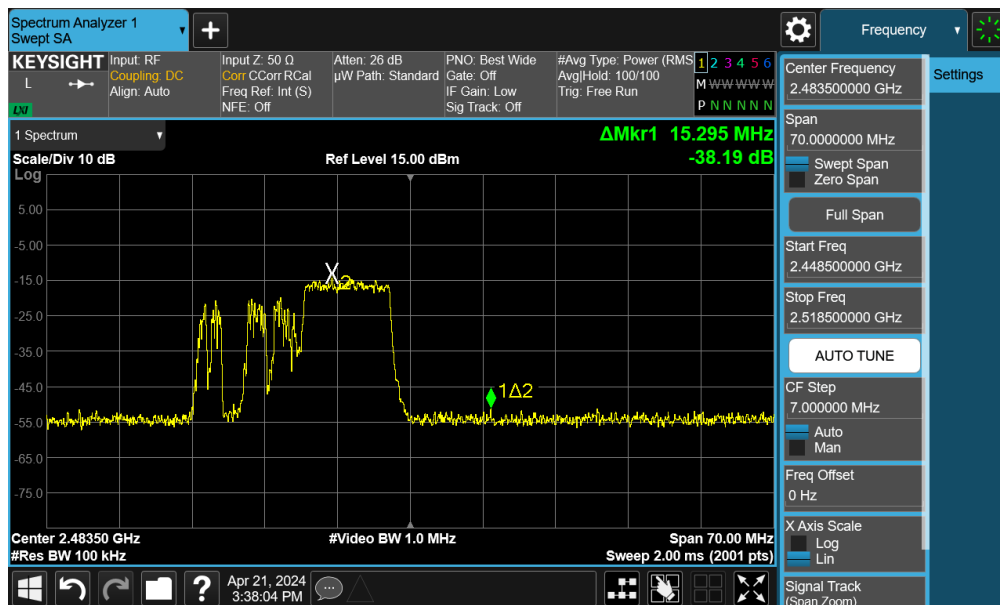


Plot 7-55. Band Edge Plot MIMO ANT2 (802.11be OFDMA – 106 Tones – Ch. 11)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2401250007-04-R1.A3L	Test Dates: 03/26/2024 – 04/24/2024	EUT Type: Portable Computing Device	Page 53 of 104

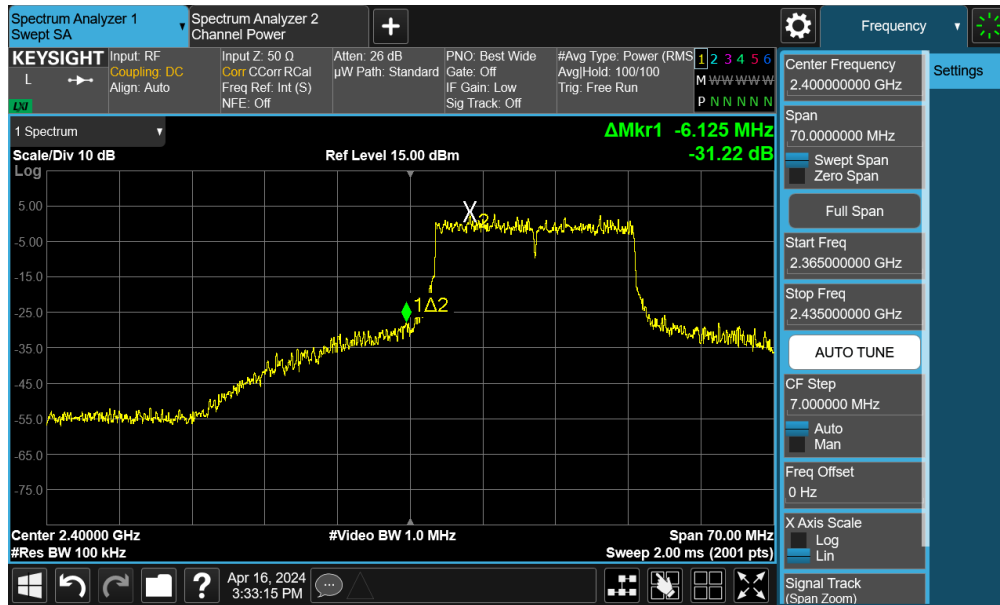


Plot 7-56. Band Edge Plot MIMO ANT2 (802.11be OFDMA – 106 Tones – Ch. 12)

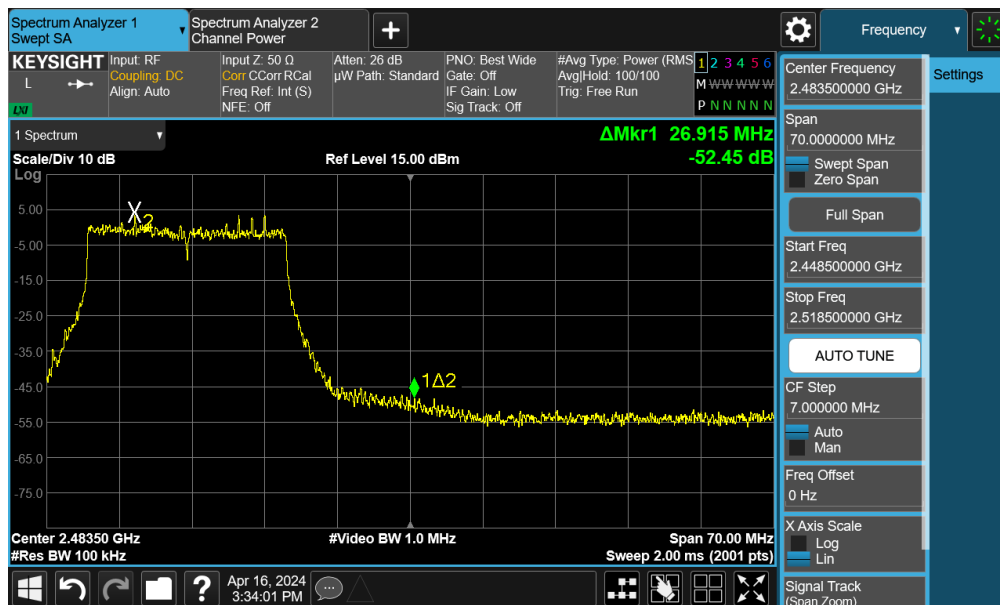


Plot 7-57. Band Edge Plot MIMO ANT2 (802.11be OFDMA – 106 Tones – Ch. 13)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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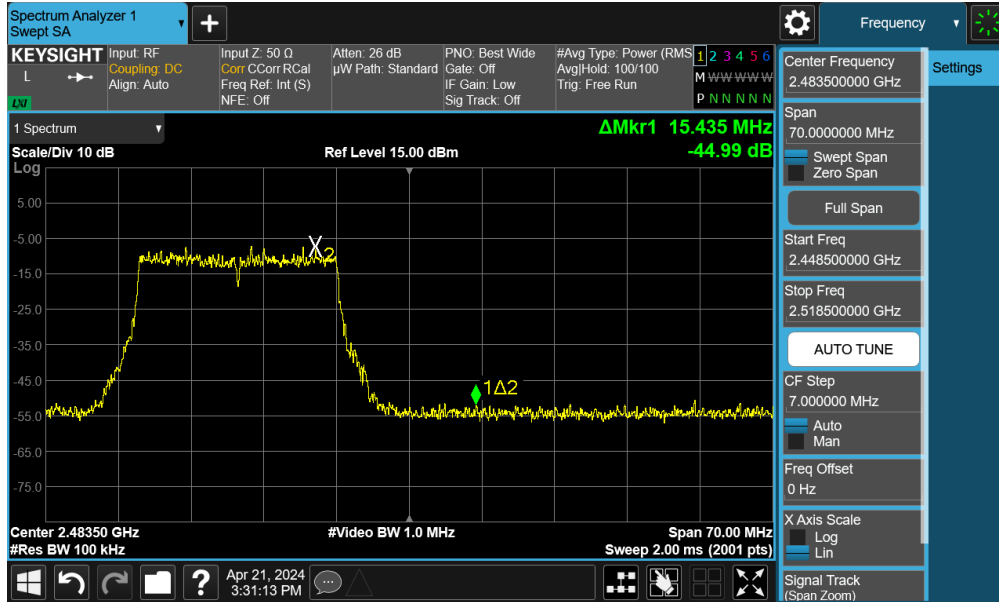


Plot 7-58. Band Edge Plot MIMO ANT2 (802.11be OFDMA – 242 Tones – Ch. 1)

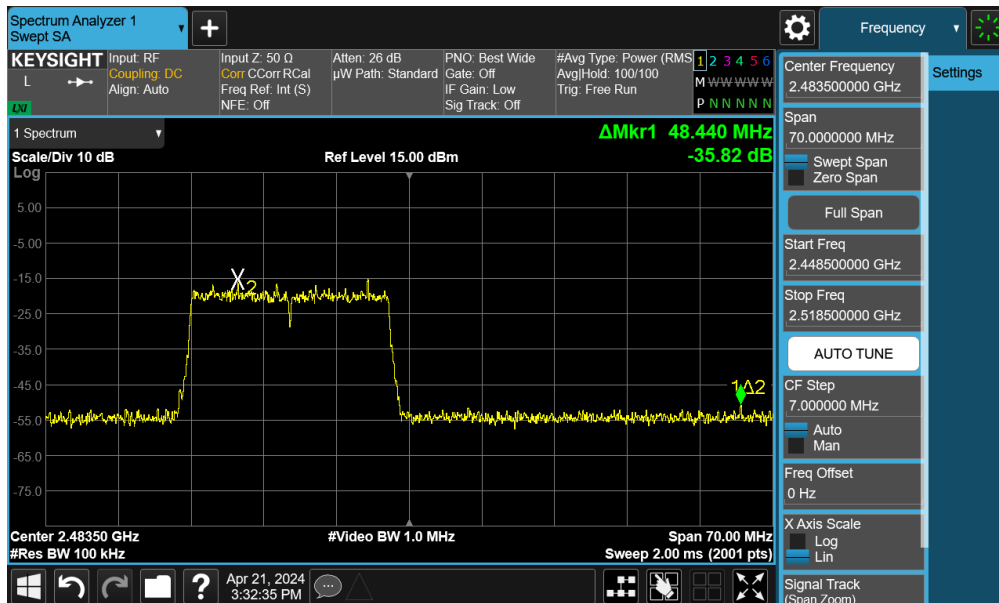


Plot 7-59. Band Edge Plot MIMO ANT2 (802.11be OFDMA – 242 Tones – Ch. 11)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-60. Band Edge Plot MIMO ANT2 (802.11be OFDMA – 242 Tones – Ch. 12)



Plot 7-61. Band Edge Plot MIMO ANT2 (802.11be OFDMA – 242 Tones – Ch. 13)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.6 Conducted Spurious Emissions

Test Overview and Limit

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates, tone configurations, and RU indices were investigated to determine the worst-case configuration. For the following out of band conducted emissions plots, the EUT was set to a data rate of MCS0 in 802.11be mode as this setting produced the worst-case emissions.

The limit for out-of-band spurious emissions at the band edge is 30 dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100kHz bandwidth per the procedure in Section 11.11.3 of ANSI C63.10-2013.

Test Procedure Used

ANSI C63.10-2013 – Section 11.11.3
ANSI C63.10-2013 – Section 14.3.3

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 25GHz (separated into two plots per channel)
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-5. Test Instrument & Measurement Setup

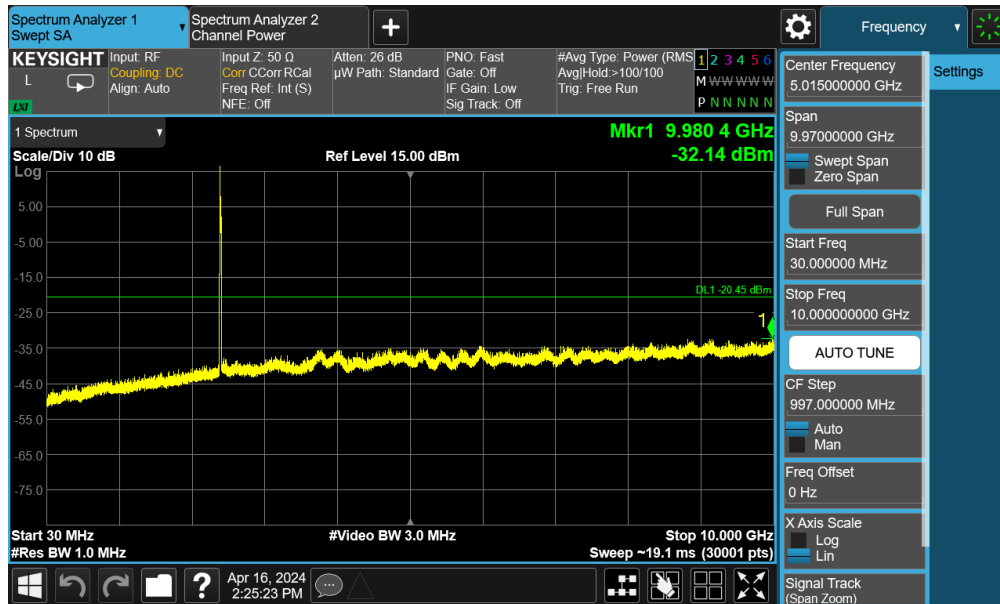
FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2401250007-04-R1.A3L	Test Dates: 03/26/2024 – 04/24/2024	EUT Type: Portable Computing Device	Page 57 of 104

Test Notes

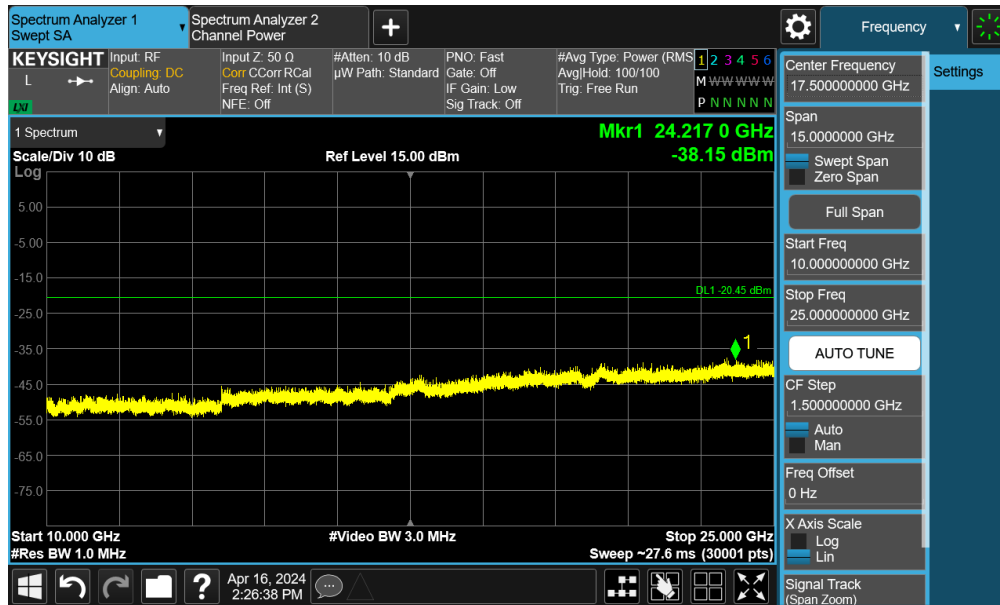
1. RBW was set to 1MHz rather than 100kHz in order to increase the measurement speed.
2. The display line shown in the following plots denotes the limit at 30 dB below the fundamental emission level measured in a 100kHz bandwidth. However, since the traces in the following plots are measured with a 1MHz RBW, the display line may not necessarily appear to be 30 dB below the level of the fundamental in a 1MHz bandwidth.
3. For plots showing conducted spurious emissions near the limit, the frequencies were investigated with a reduced RBW to ensure that no emissions were present.
4. The conducted spurious emissions were measured to relative limits. Therefore, in accordance with ANSI C63.10-2013 Section 14.3.3, it was unnecessary to show compliance through the summation of test results of the individual outputs.

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7.6.1 SISO Antenna-2 Conducted Spurious Emission

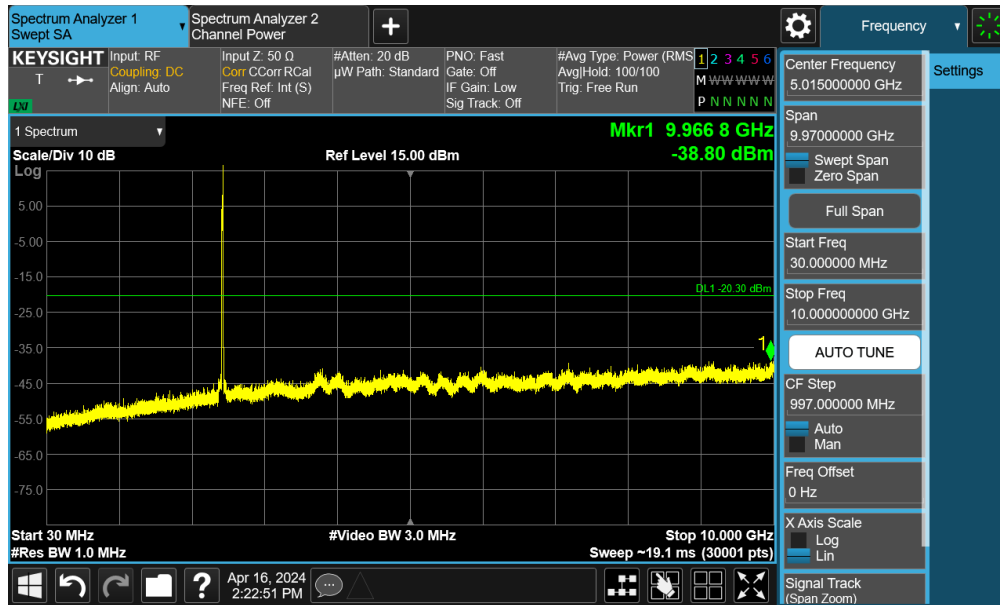


Plot 7-62. Conducted Spurious Plot SISO ANT2 (802.11be OFDMA – 26 Tones – Ch. 1)

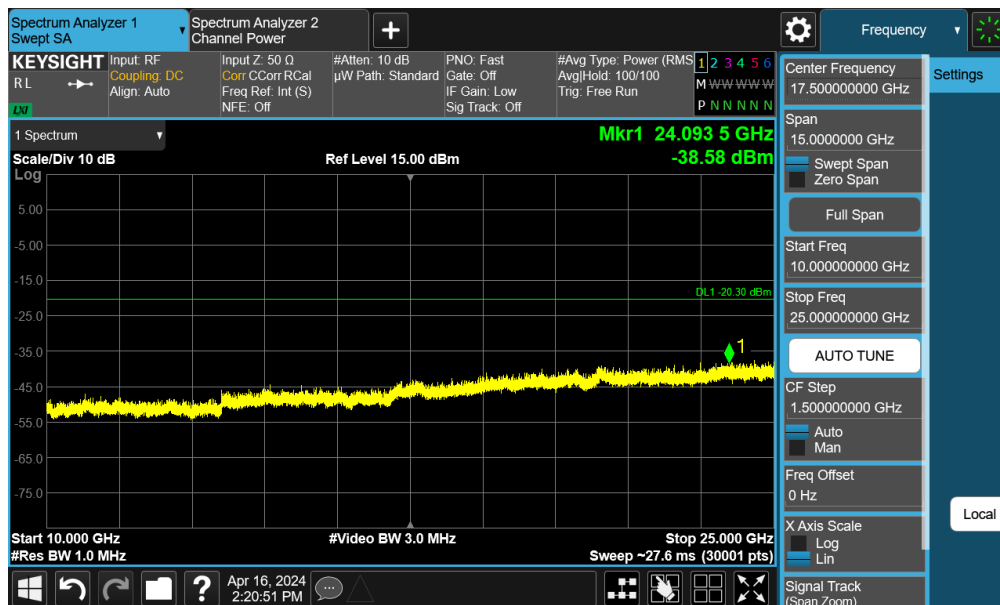


Plot 7-63. Conducted Spurious Plot SISO ANT2 (802.11be OFDMA – 26 Tones – Ch. 1)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2401250007-04-R1.A3L	Test Dates: 03/26/2024 – 04/24/2024	EUT Type: Portable Computing Device	Page 59 of 104

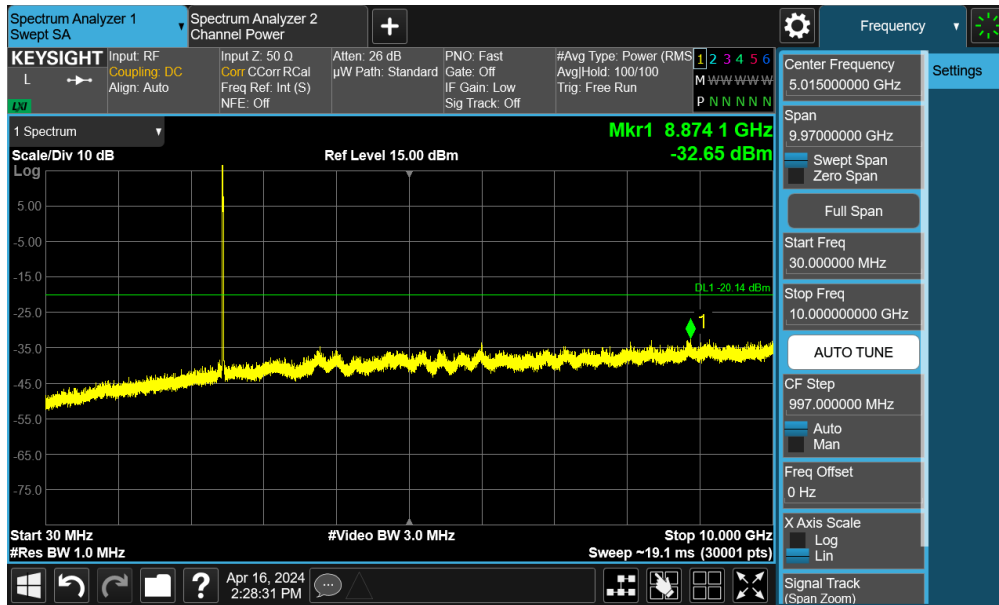


Plot 7-64. Conducted Spurious Plot SISO ANT2 (802.11be OFDMA – 26 Tones – Ch. 6)

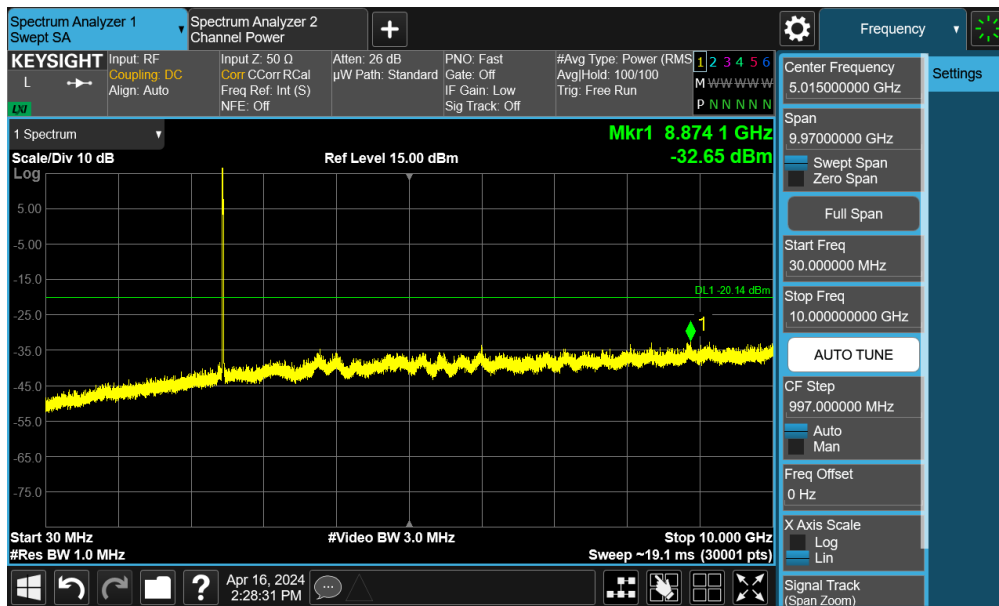


Plot 7-65. Conducted Spurious Plot SISO ANT2 (802.11be OFDMA – 26 Tones – Ch. 6)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2401250007-04-R1.A3L	Test Dates: 03/26/2024 – 04/24/2024	EUT Type: Portable Computing Device	Page 60 of 104

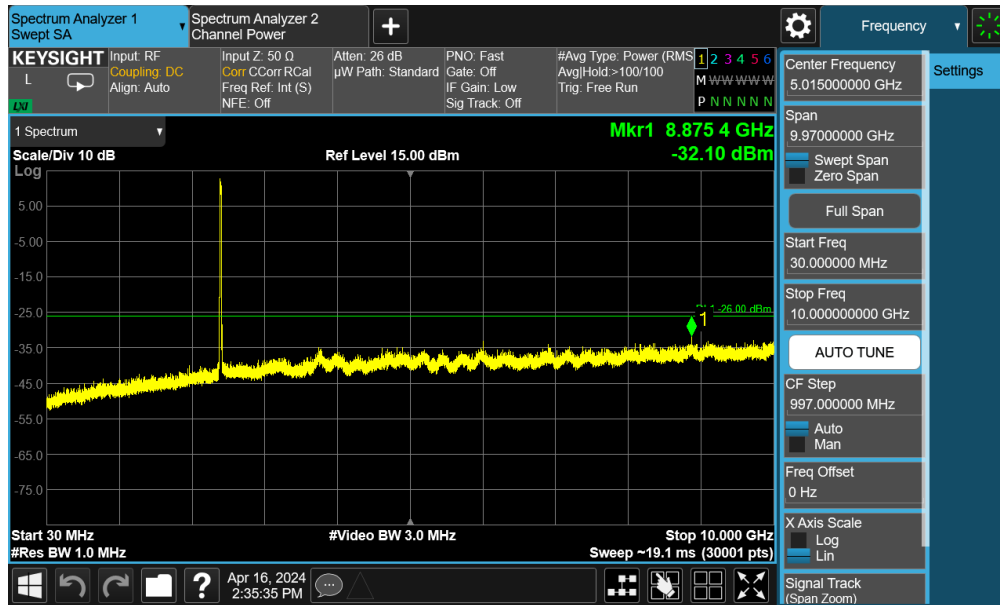


Plot 7-66. Conducted Spurious Plot SISO ANT2 (802.11be OFDMA – 26 Tones – Ch. 11)

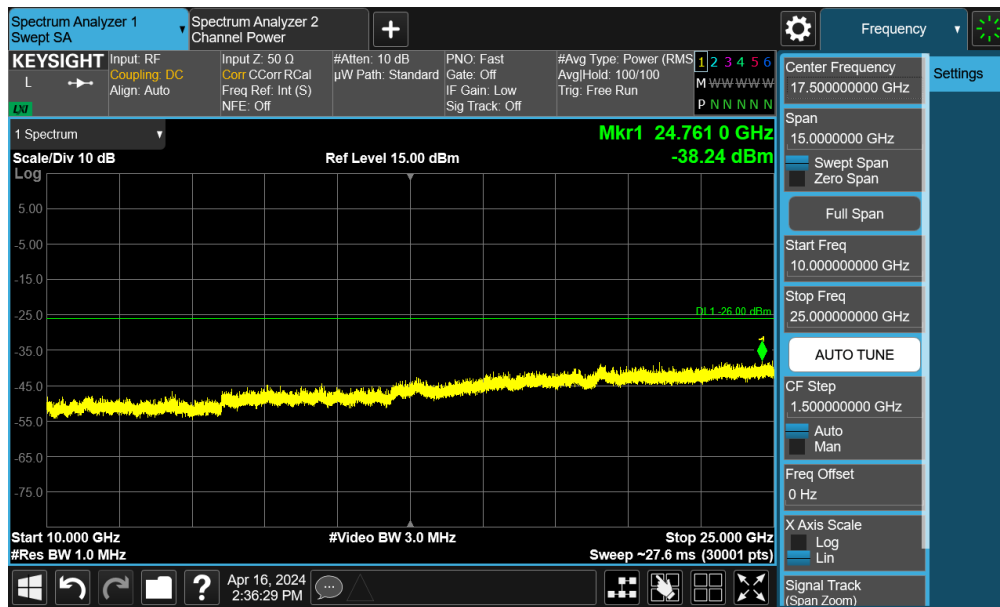


Plot 7-67. Conducted Spurious Plot SISO ANT2 (802.11be OFDMA – 26 Tones – Ch. 11)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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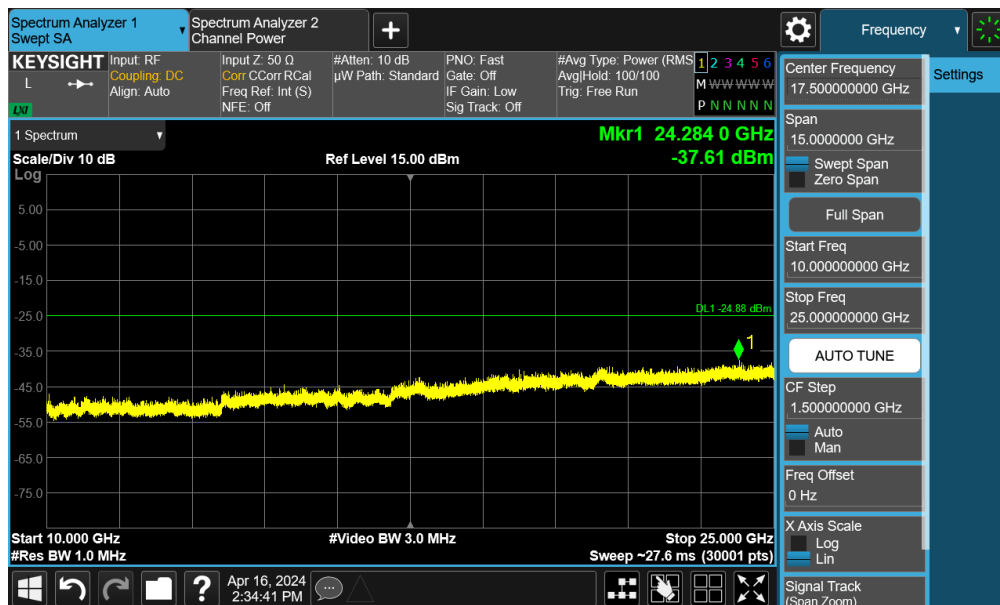
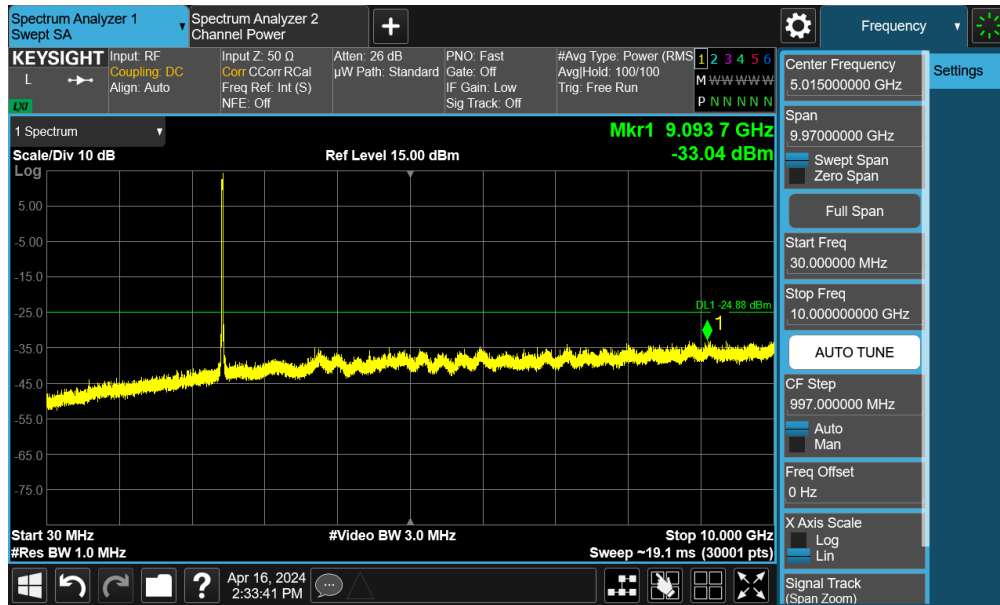


Plot 7-68. Conducted Spurious Plot SISO ANT2 (802.11be OFDMA – 242 Tones – Ch. 1)

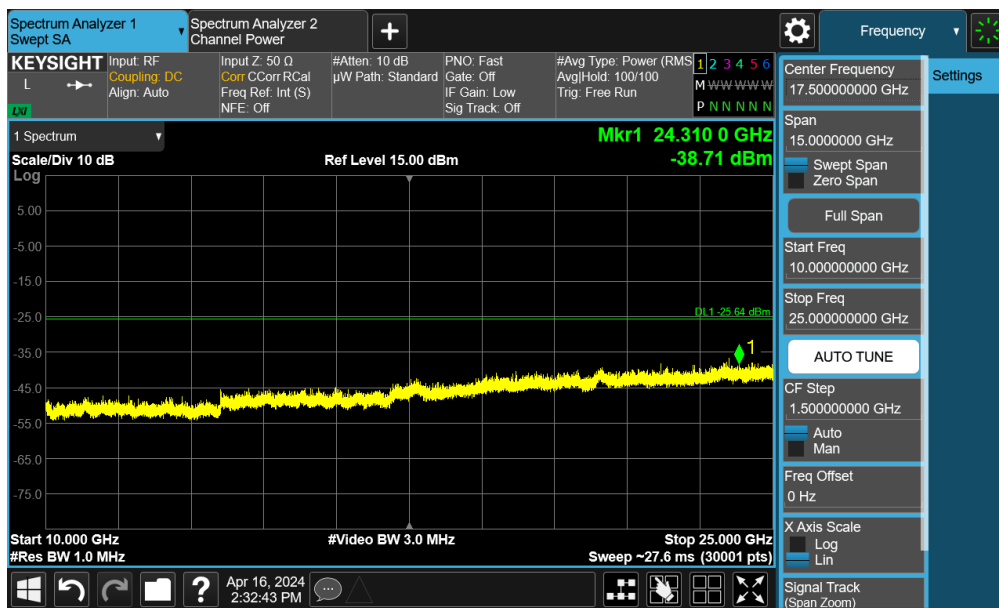
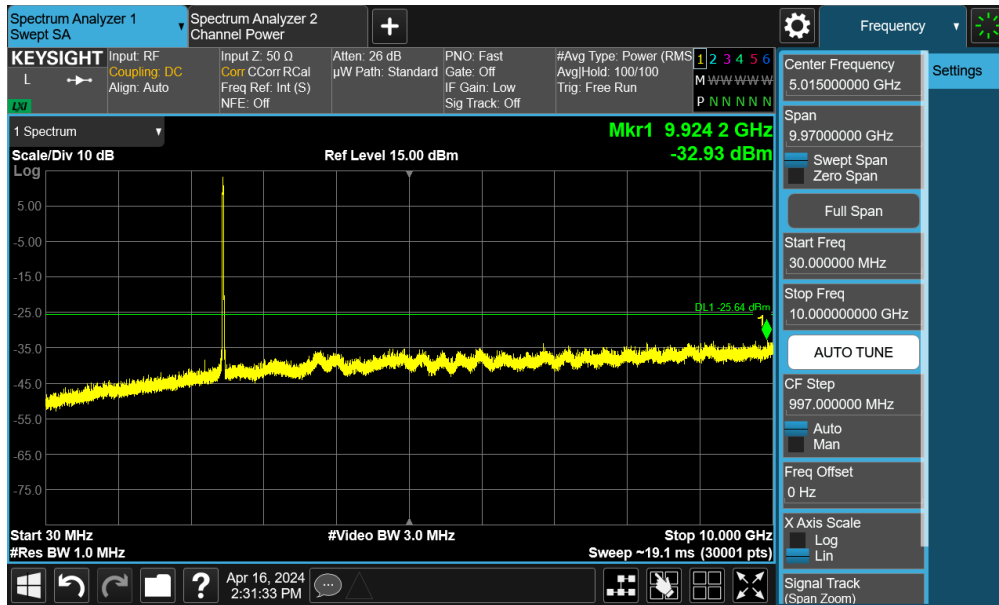


Plot 7-69. Conducted Spurious Plot SISO ANT2 (802.11be OFDMA – 242 Tones – Ch. 1)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2401250007-04-R1.A3L	Test Dates: 03/26/2024 – 04/24/2024	EUT Type: Portable Computing Device	Page 62 of 104

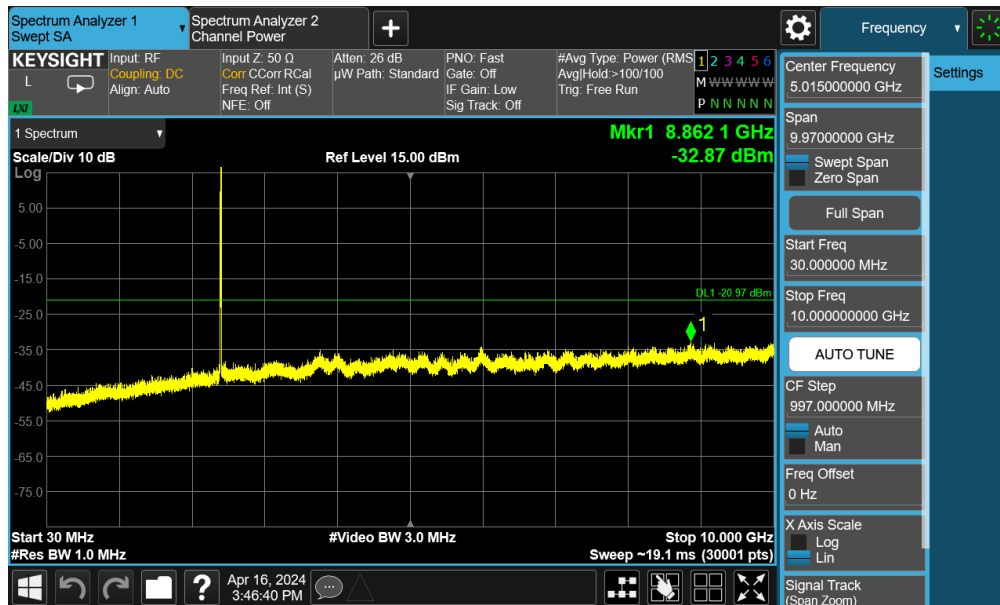


FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2401250007-04-R1.A3L	Test Dates: 03/26/2024 – 04/24/2024	EUT Type: Portable Computing Device	Page 63 of 104

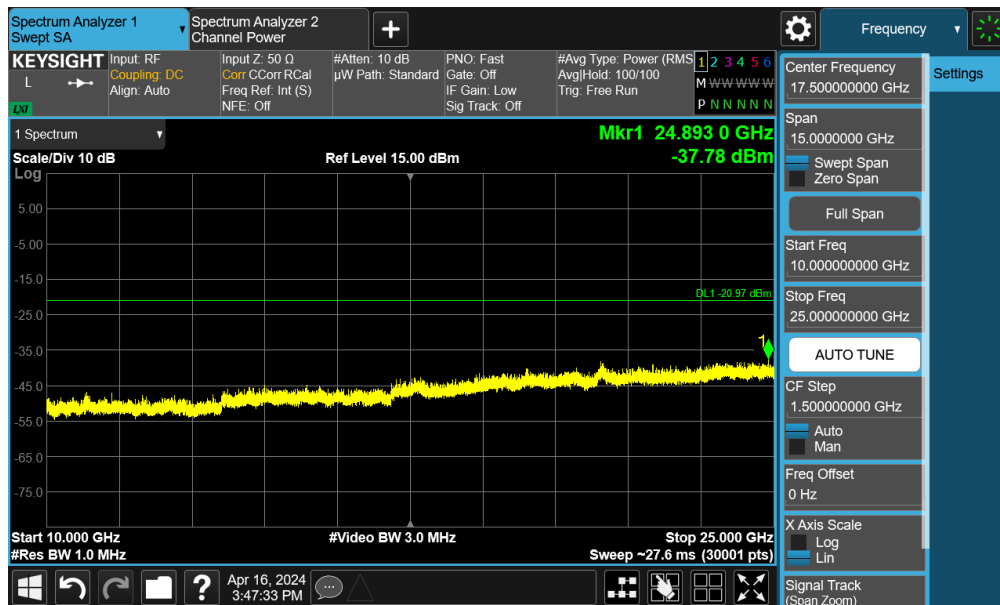


FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2401250007-04-R1.A3L	Test Dates: 03/26/2024 – 04/24/2024	EUT Type: Portable Computing Device	Page 64 of 104

7.6.2 MIMO Antenna-1 Conducted Spurious Emission

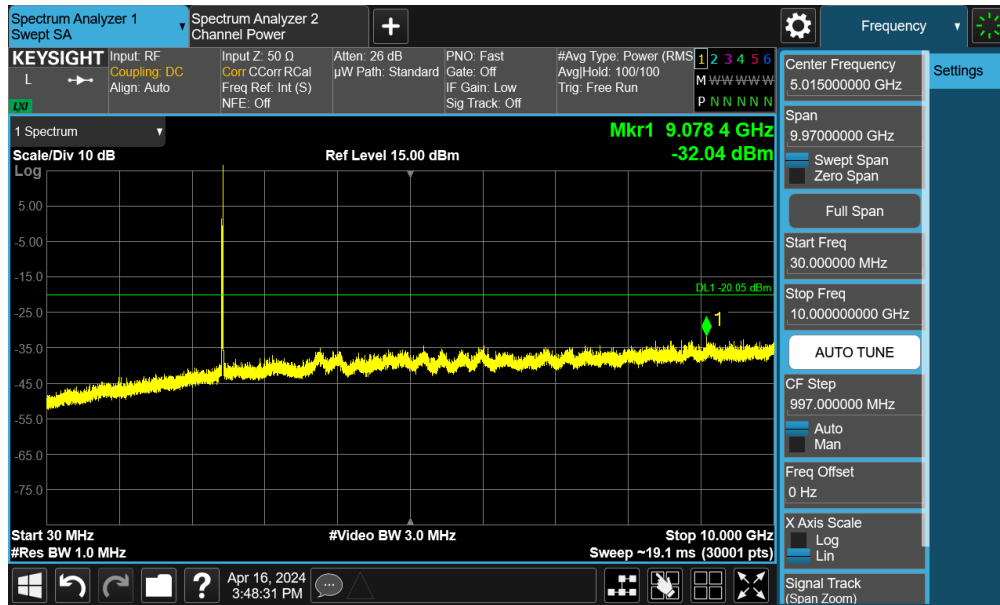


Plot 7-74. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 26 Tones – Ch. 1)

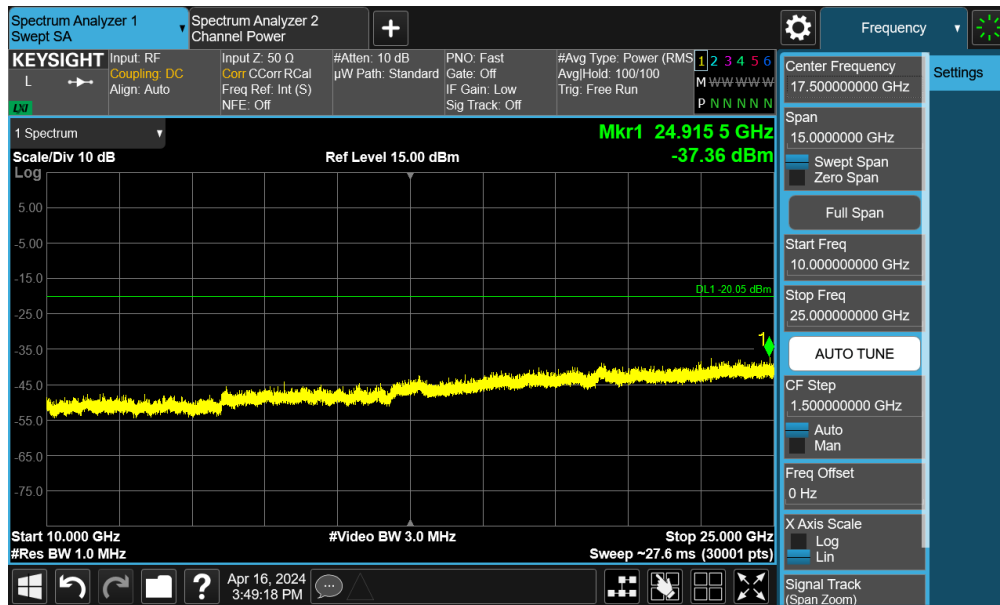


Plot 7-75. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 26 Tones – Ch. 1)

FCC ID: A3LNP960XMA		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2401250007-04-R1.A3L	Test Dates: 03/26/2024 – 04/24/2024	EUT Type: Portable Computing Device		Page 65 of 104

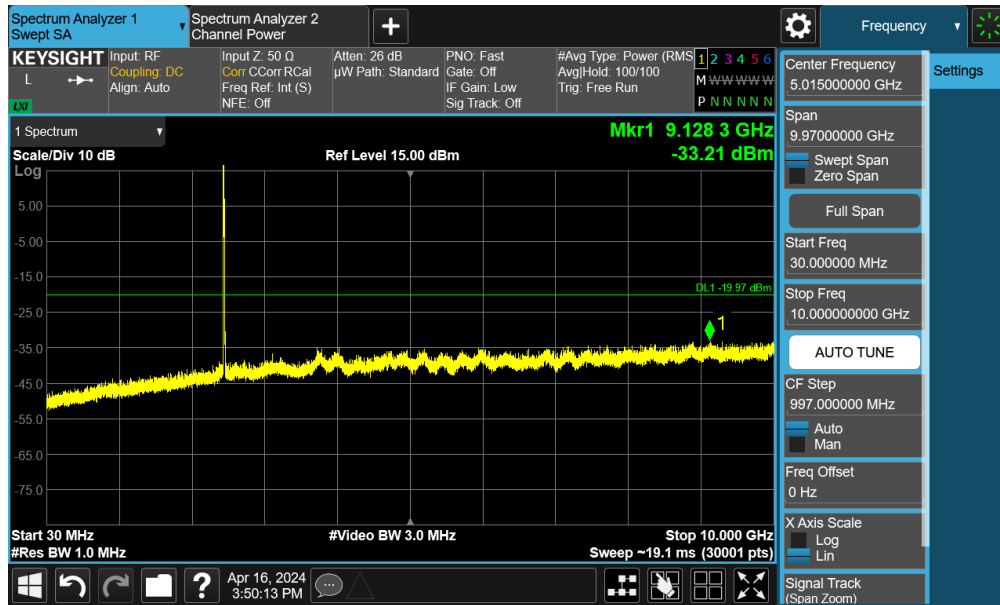


Plot 7-76. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 26 Tones – Ch. 6)

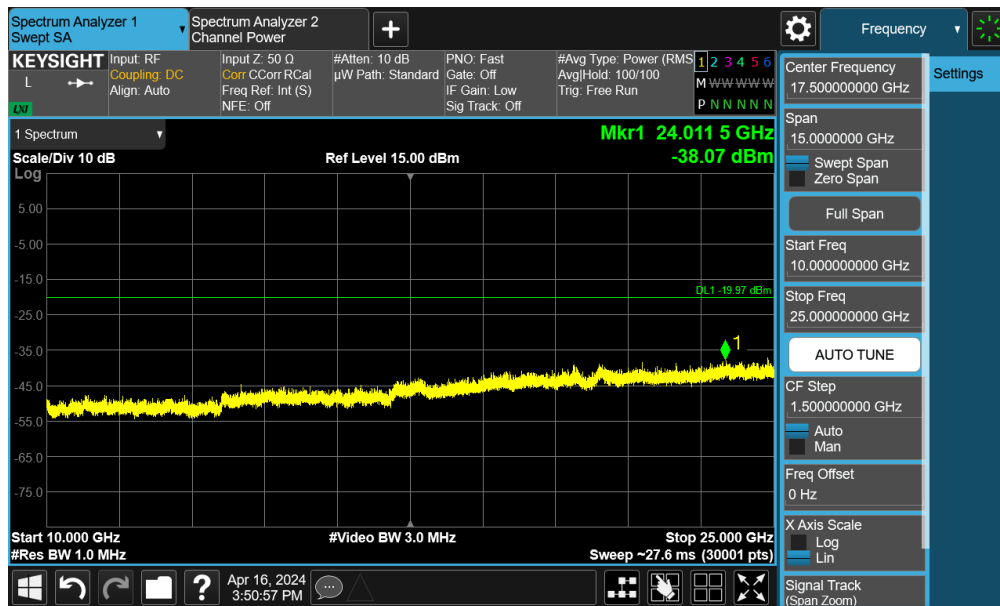


Plot 7-77. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 26 Tones – Ch. 6)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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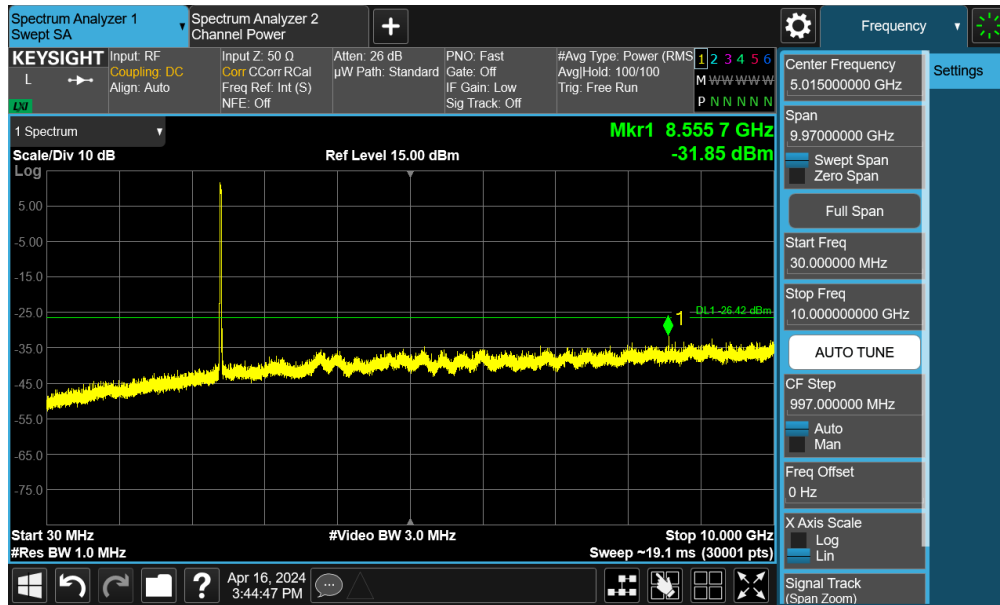


Plot 7-78. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 26 Tones – Ch. 11)

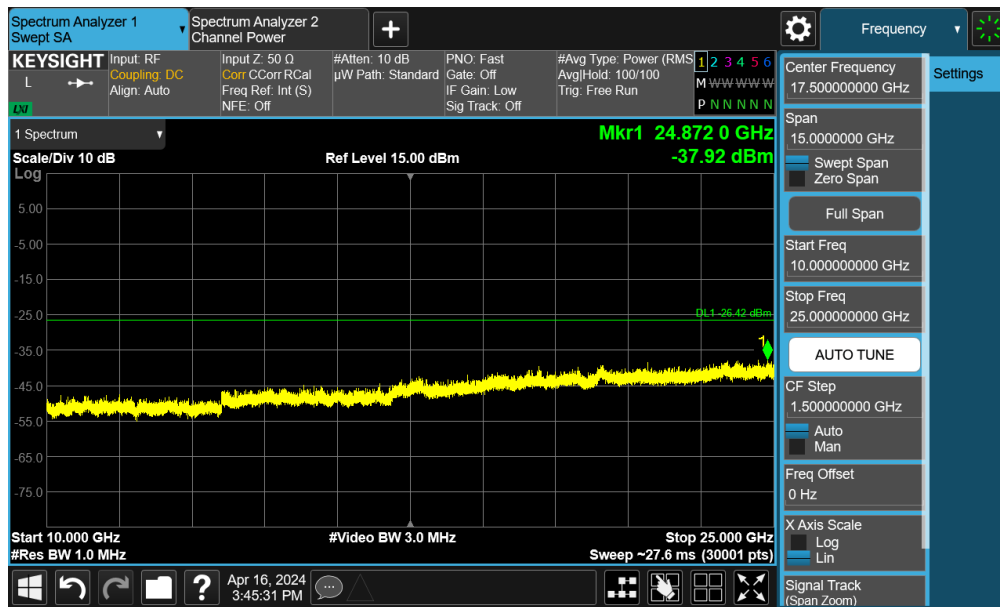


Plot 7-79. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 26 Tones – Ch. 11)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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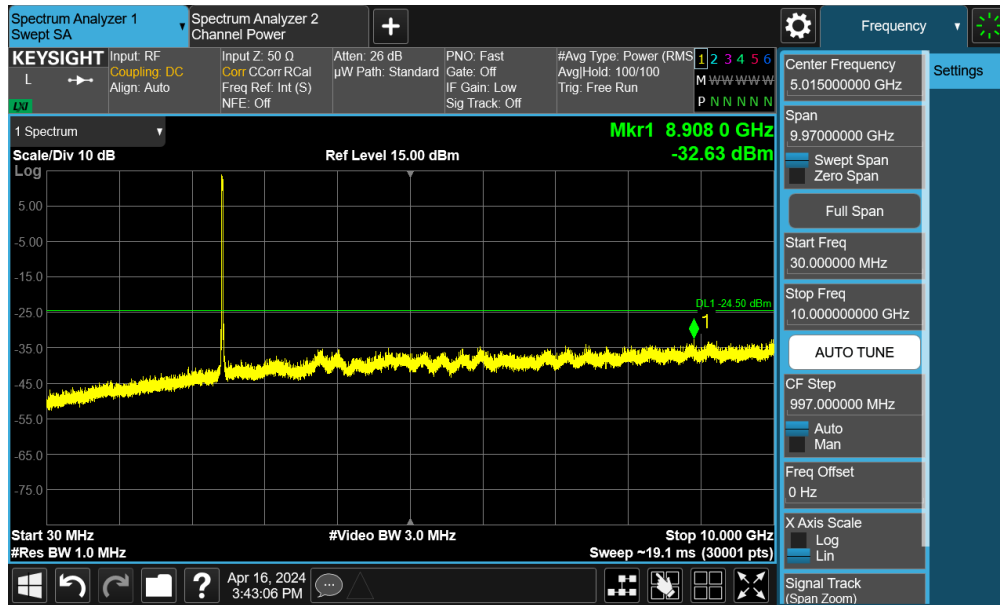


Plot 7-80. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 242 Tones – Ch. 1)

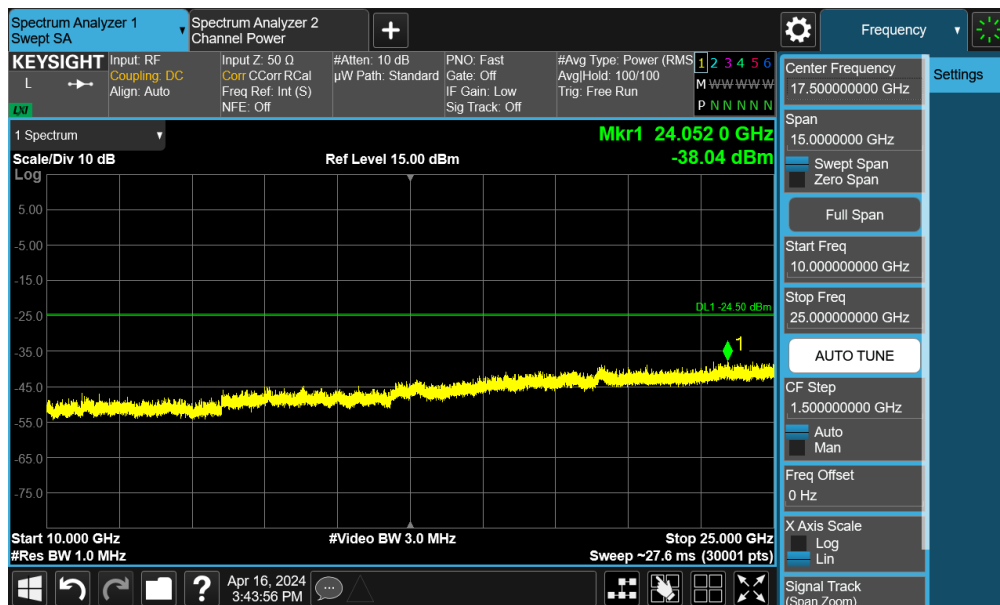


Plot 7-81. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 242 Tones – Ch. 1)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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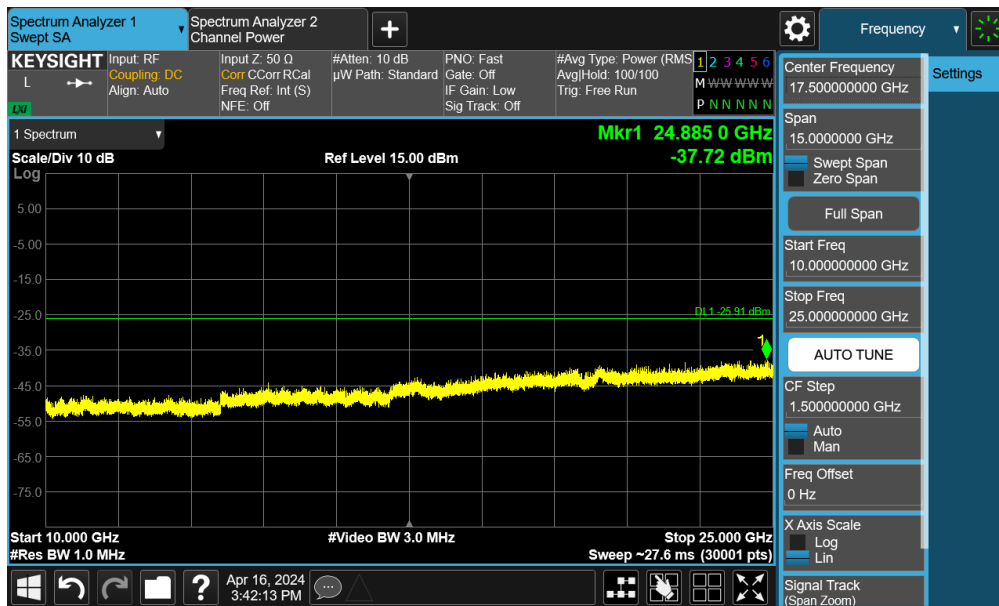
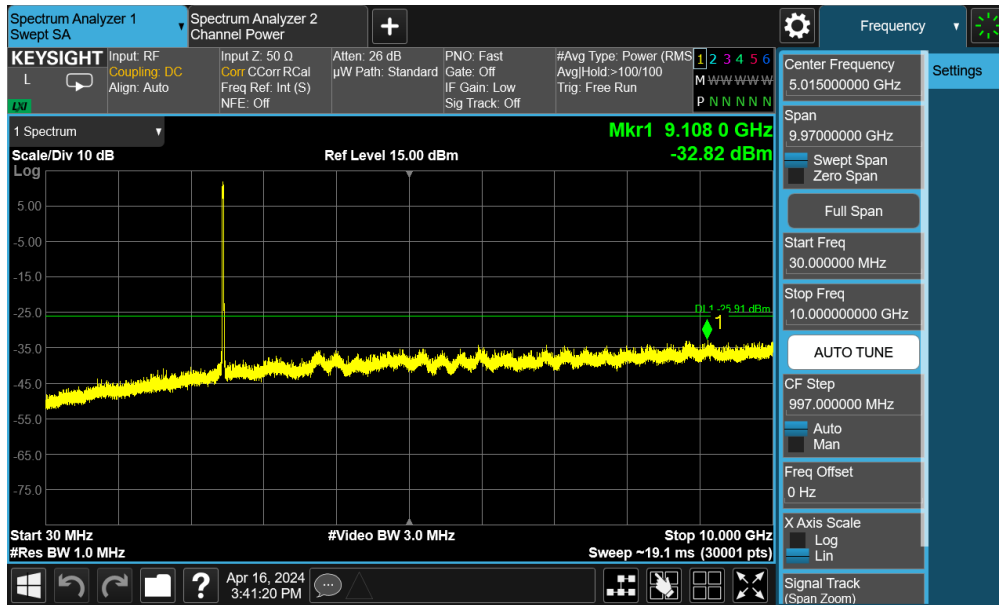


Plot 7-82. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 242 Tones – Ch. 6)



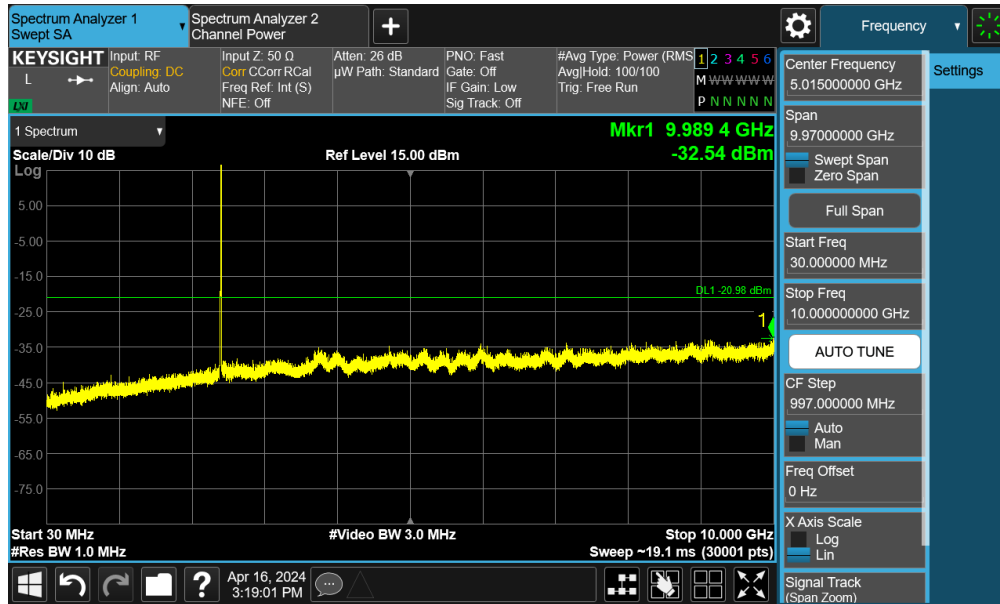
Plot 7-83. Conducted Spurious Plot MIMO ANT1 (802.11be OFDMA – 242 Tones – Ch. 6)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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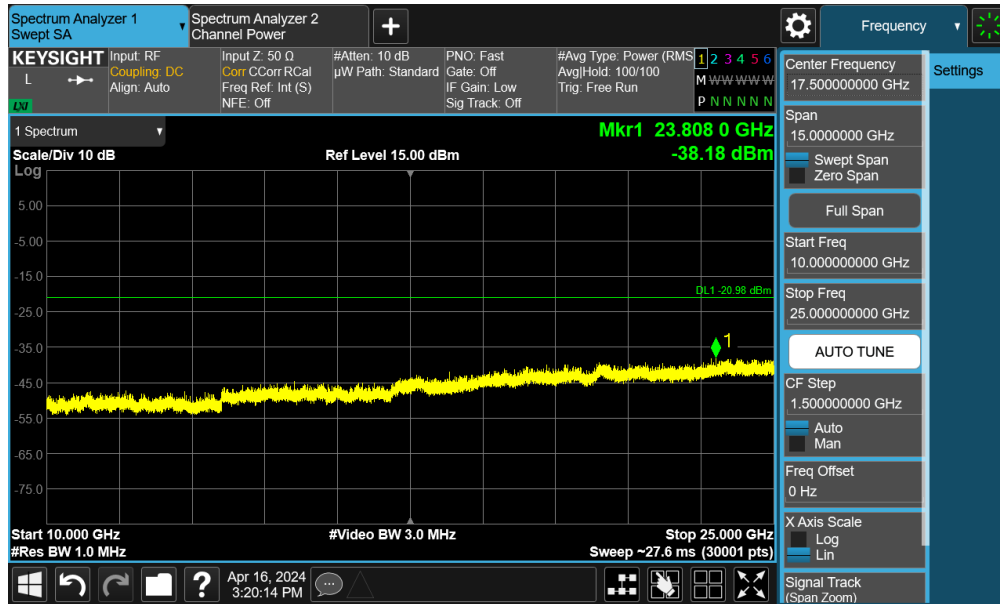


FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.6.3 MIMO Antenna-2 Conducted Spurious Emissions

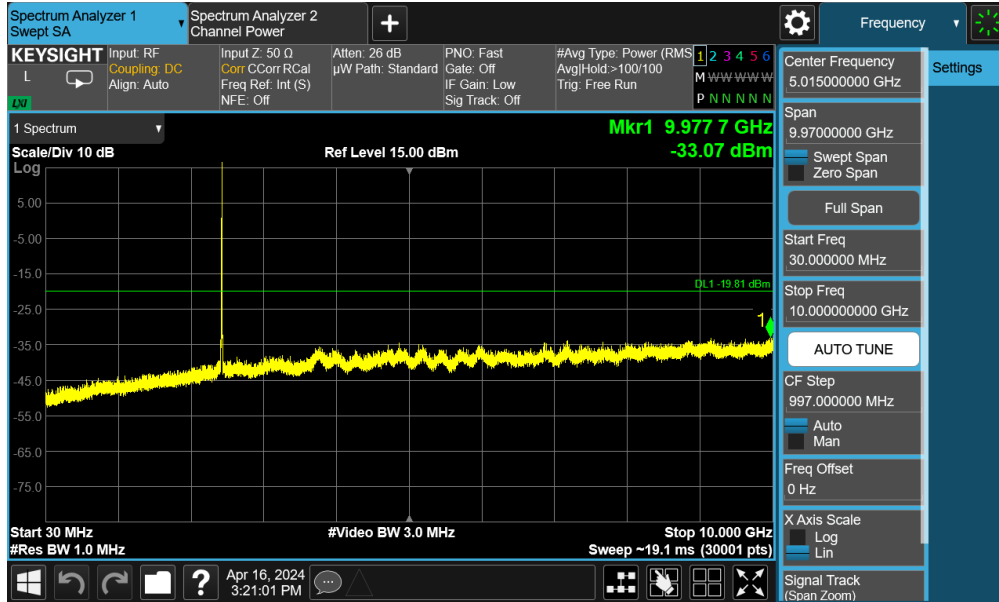


Plot 7-86. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 26 Tones – Ch. 1)

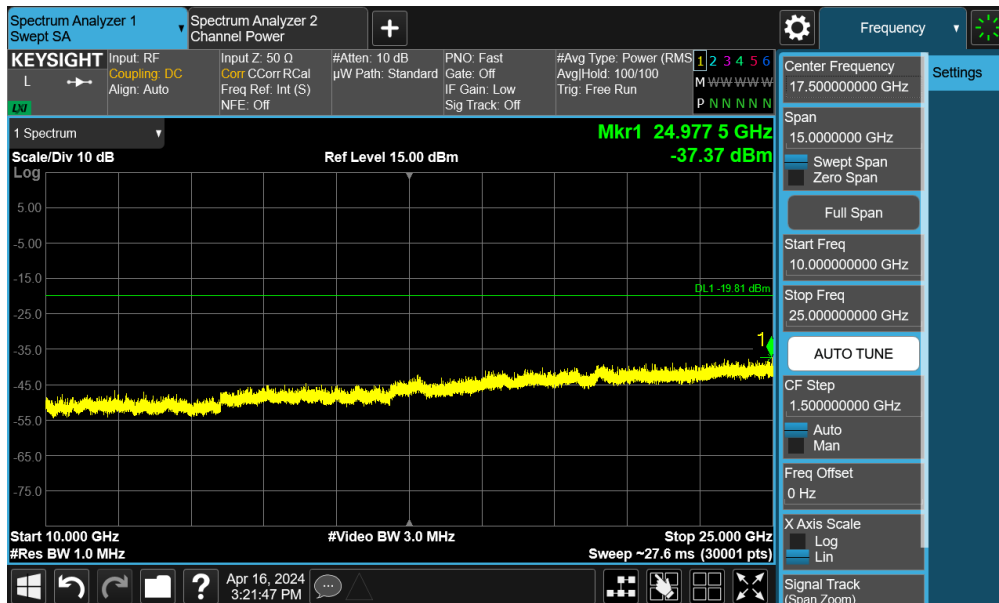


Plot 7-87. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 26 Tones – Ch. 1)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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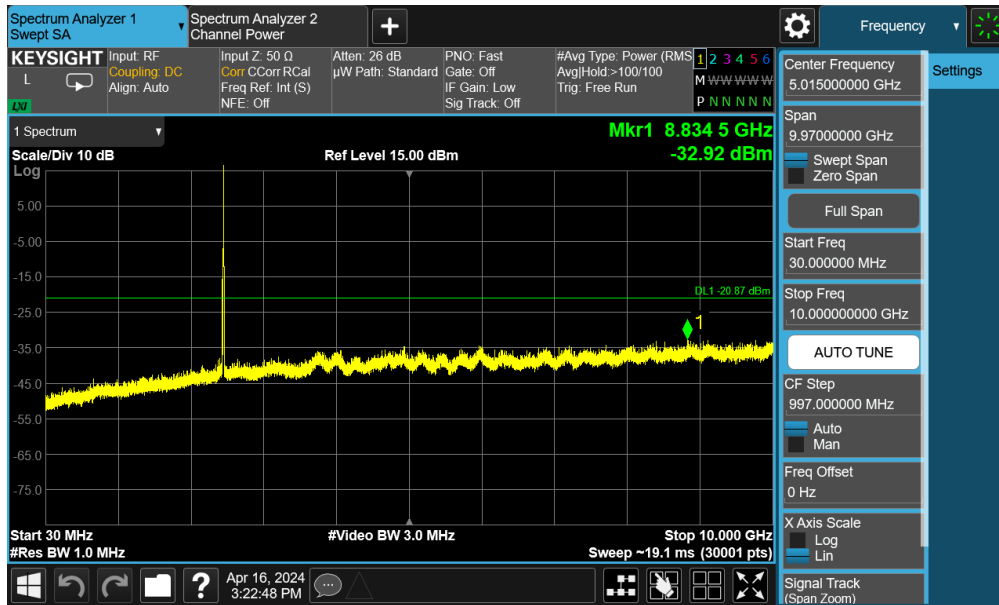


Plot 7-88. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 26 Tones – Ch. 6)

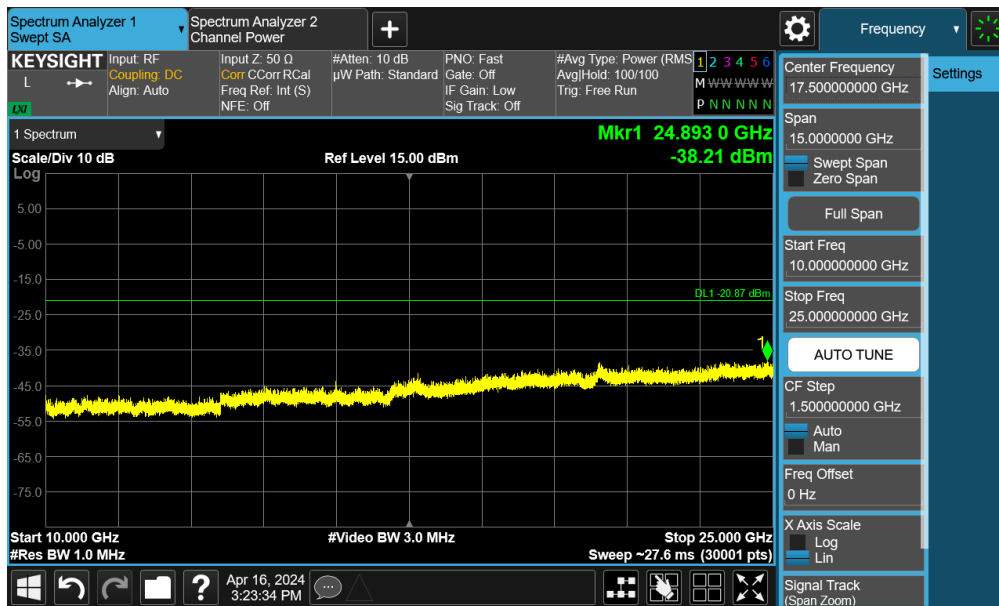


Plot 7-89. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 26 Tones – Ch. 6)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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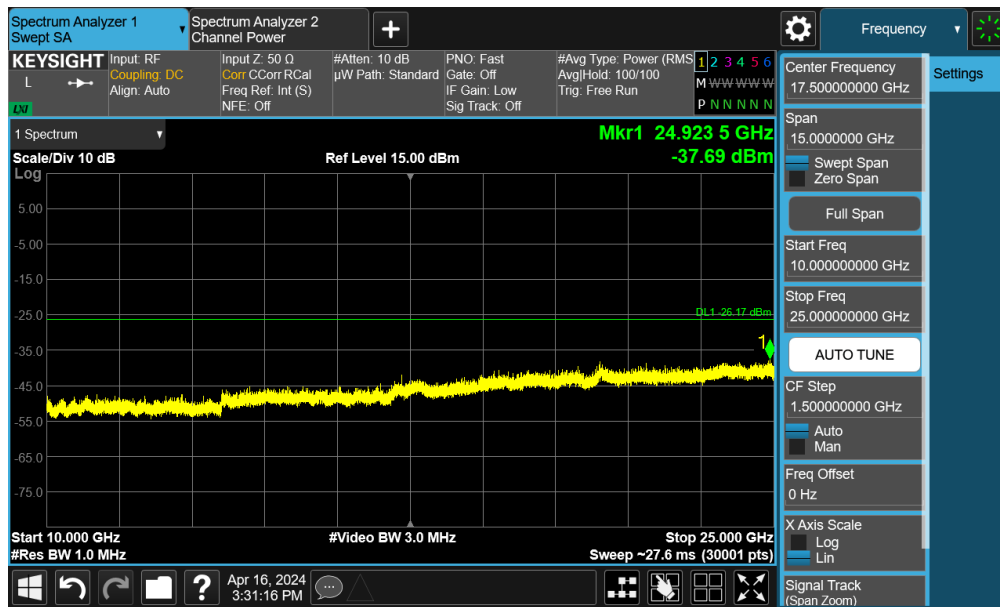
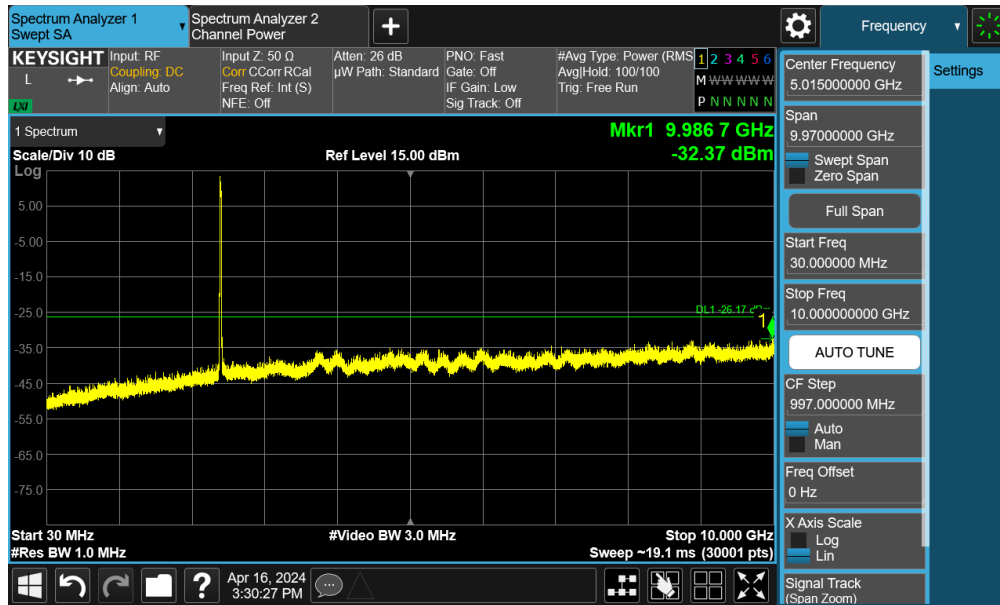


Plot 7-90. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 26 Tones – Ch. 11)

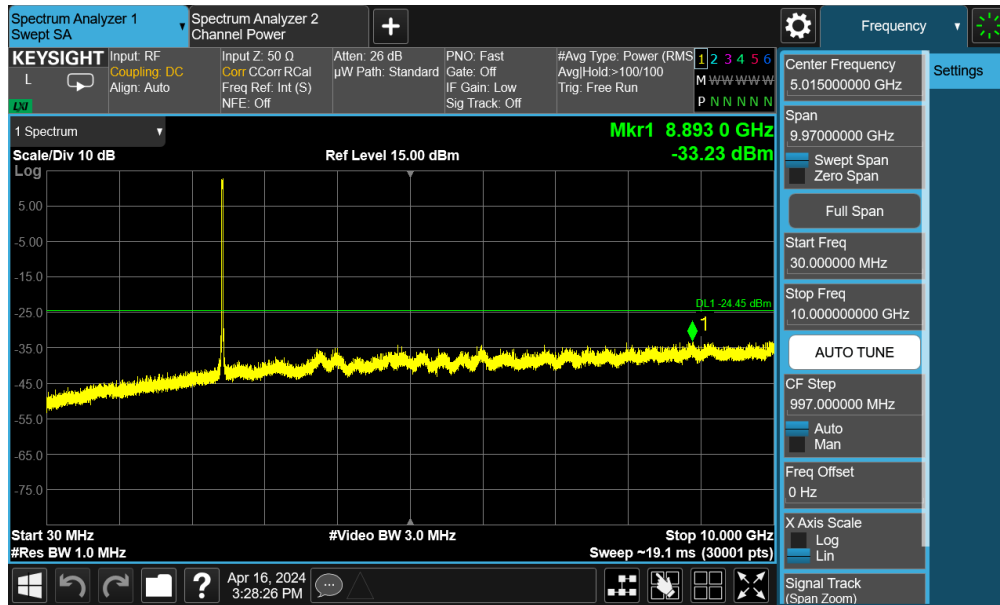


Plot 7-91. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 26 Tones – Ch. 11)

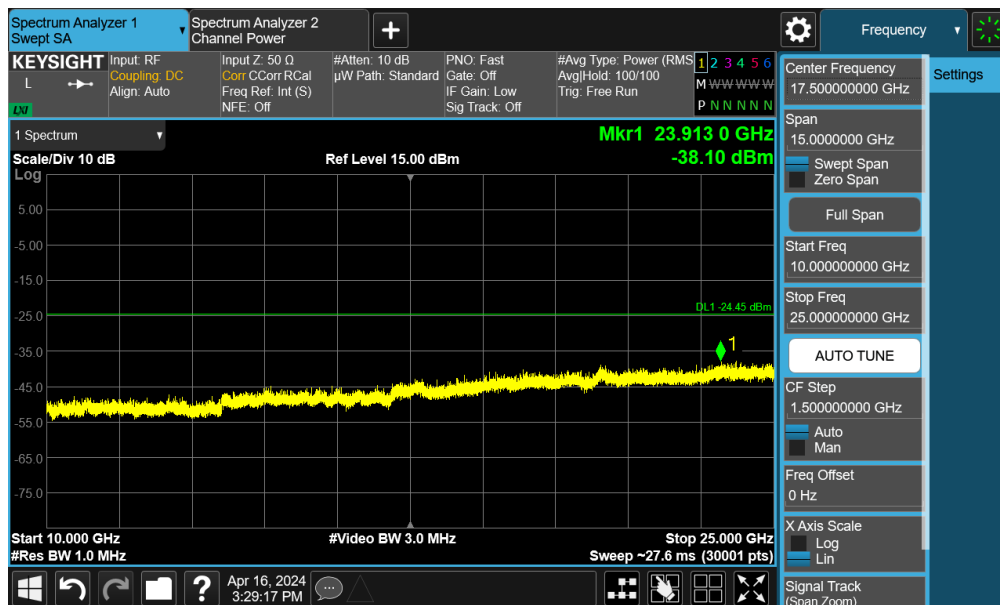
FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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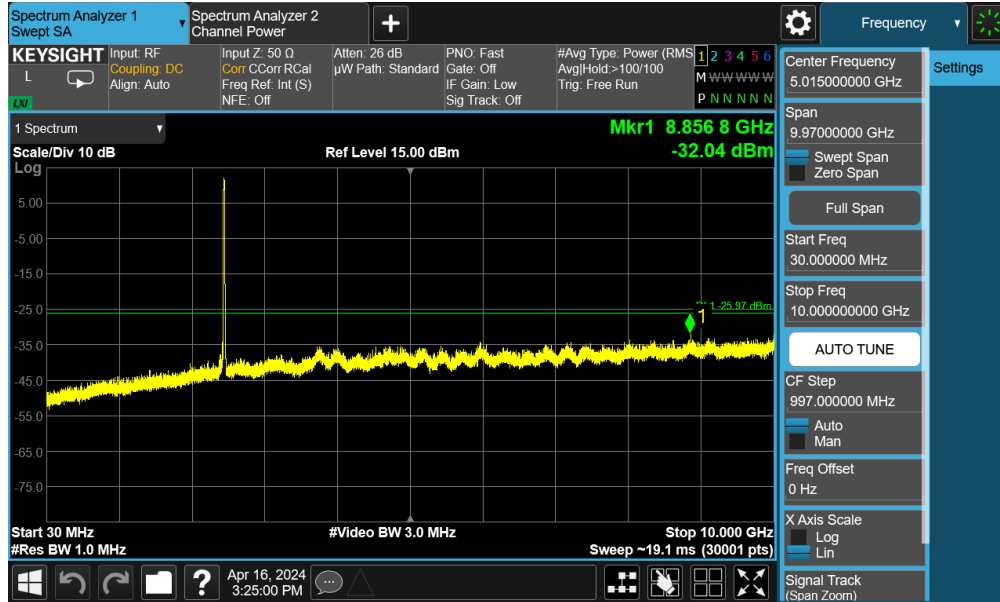


Plot 7-94. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 242 Tones – Ch. 6)

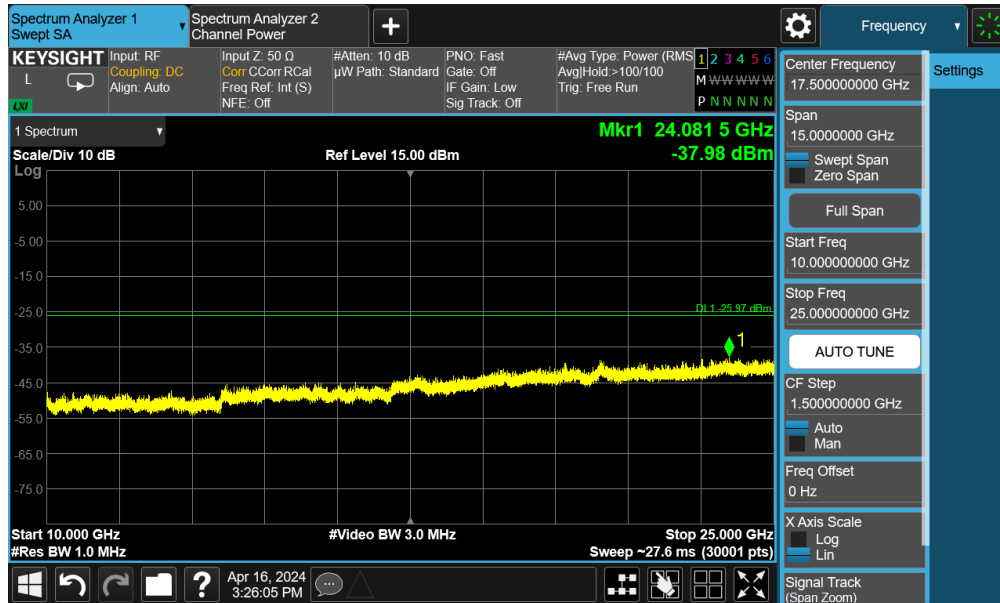


Plot 7-95. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 242 Tones – Ch. 6)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-96. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 242 Tones – Ch. 11)



Plot 7-97. Conducted Spurious Plot MIMO ANT2 (802.11be OFDMA – 242 Tones – Ch. 11)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.7 Radiated Emission Measurements

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in FCC §15.205 of the Title 47 CFR and Table 6 of RSS-Gen (8.10) must not exceed the limits shown FCC §15.209 and RSS-Gen (8.9).

Frequency	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
0.009 – 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-22. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Section 6.6.4.3

Test Settings

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces

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Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

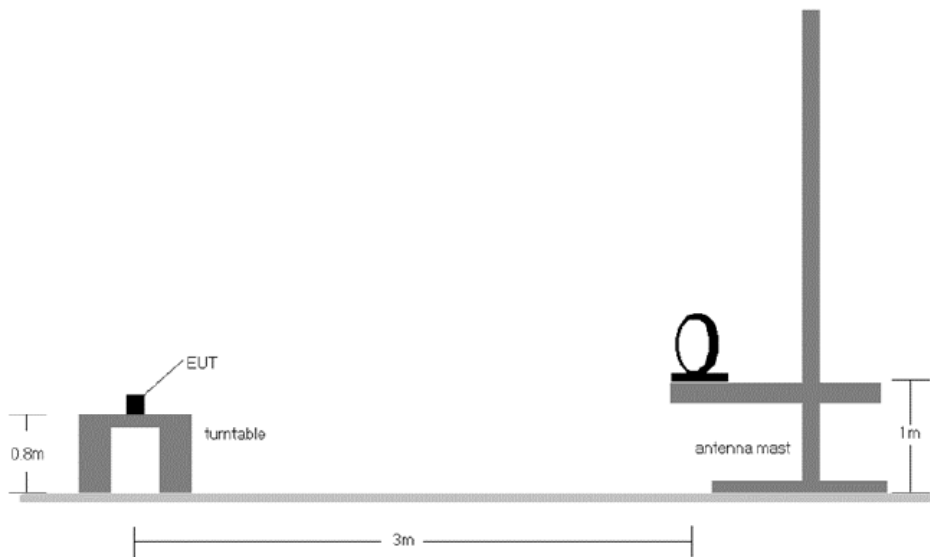


Figure 7-6. Radiated Test Setup < 30MHz

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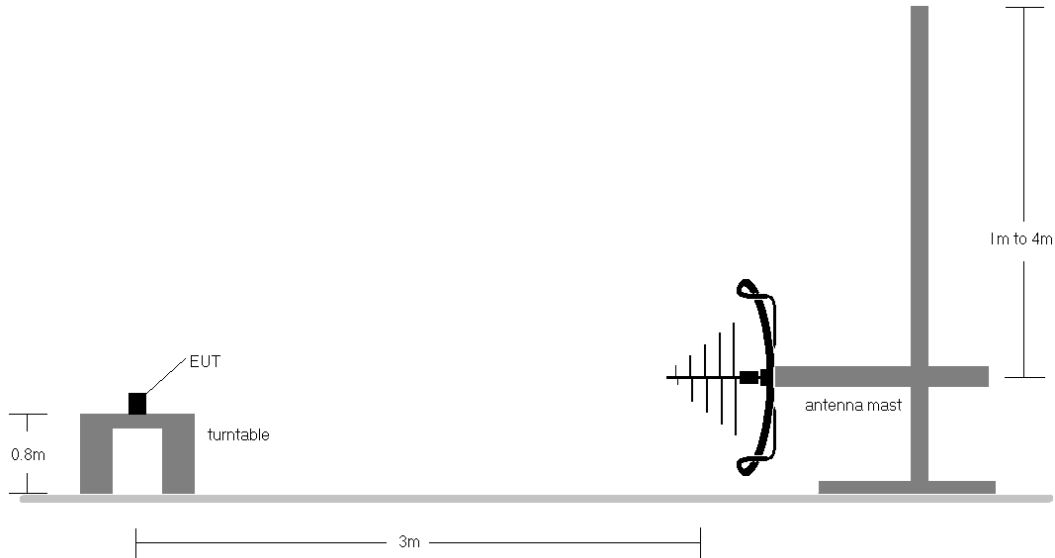


Figure 7-7. Radiated Test Setup < 1GHz

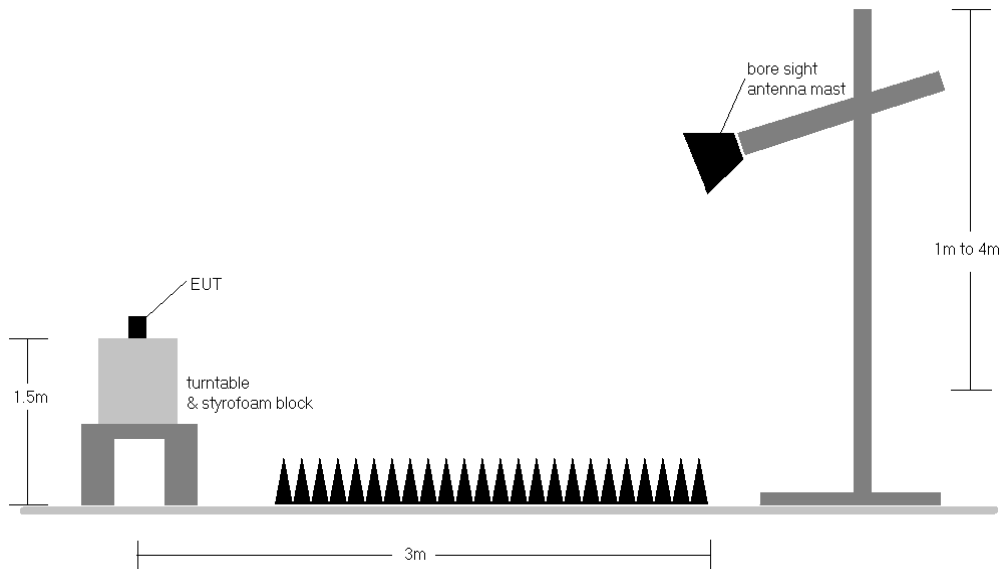


Figure 7-8. Test Instrument & Measurement Setup

Test Notes

1. The optional test procedures for antenna port conducted measurements of unwanted emissions per the guidance of ANSI C63.10-2013 Section 11.3 were not used to evaluate this device for compliance to radiated limits. All radiated spurious emissions levels were measured in a radiated test setup.
2. All emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limits shown in §15.209.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.

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4. This unit tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
6. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. Some band edge measurements were performed using a channel integration method to determine compliance with the out of band average radiated spurious emissions limit in the 2483.5 – 2500MHz band. Per KDB 558074 D01 v05r02 Section 13.3, a measurement was performed using a RBW of 100kHz at the frequency with highest emission outside of band edge. For integration that does not start at 2483.5MHz, consideration was taken to ensure the worst-case emission is in the 1MHz spectrum. The results were integrated up to the 1MHz reference bandwidth to show compliance with the 15.209 radiated limit for emissions greater than 1GHz.
10. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level $_{[dB_{\mu V/m}]} = \text{Analyzer Level }_{[dBm]} + 107 + \text{AFCL }_{[dB/m]}$
- $\text{AFCL }_{[dB/m]} = \text{Antenna Factor }_{[dB/m]} + \text{Cable Loss }_{[dB]}$
- $\text{Margin }_{[dB]} = \text{Field Strength Level }_{[dB_{\mu V/m}]} - \text{Limit }_{[dB_{\mu V/m}]}$

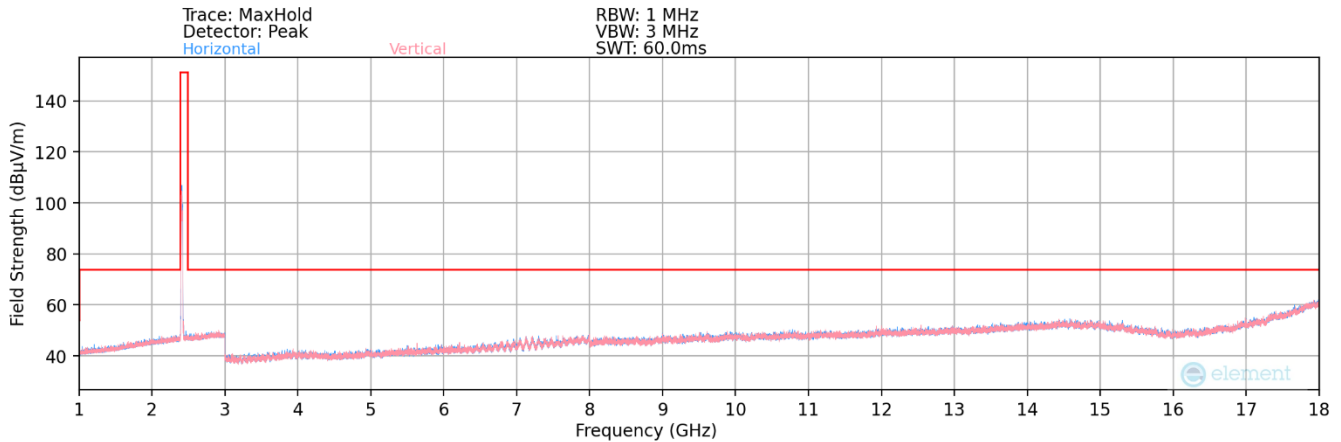
Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.4 was calculated using the formula:

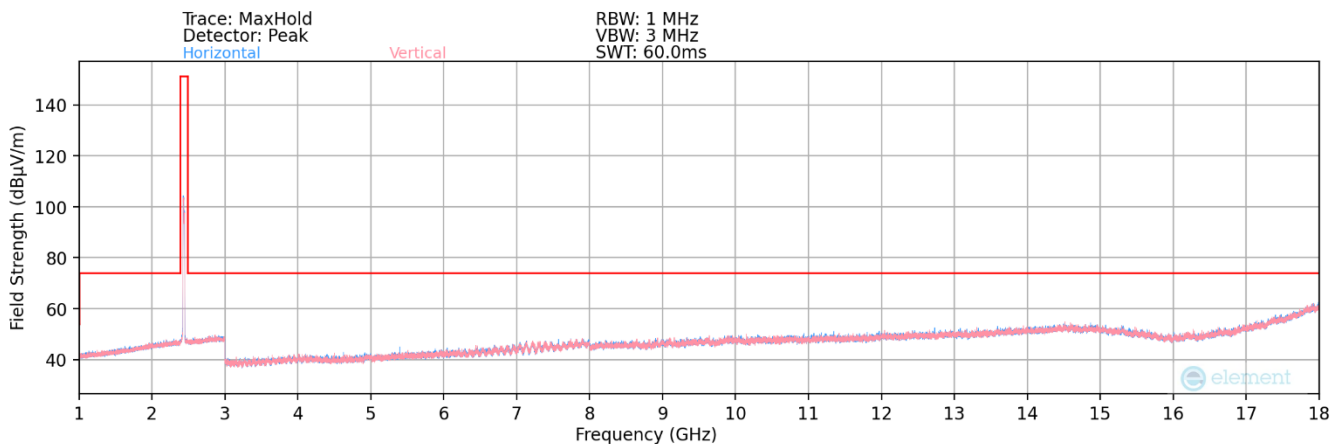
$$\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$$

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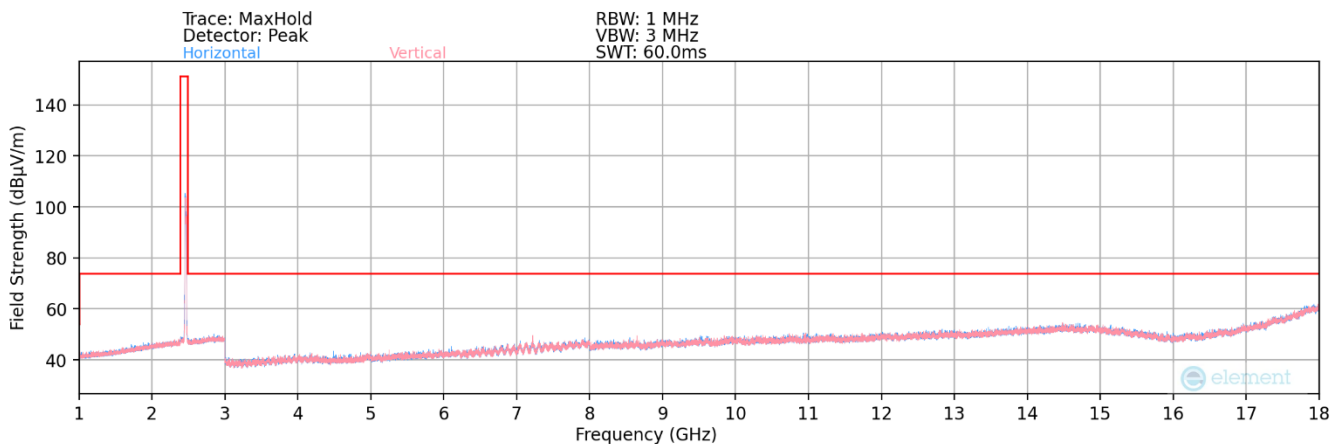
7.7.1 SISO Antenna-2 Radiated Spurious Emission Pre-Scans



Plot 7-98. Radiated Spurious Plot above 1GHz – SISO ANT2 (802.11be OFDMA – 26 Tones – Ch. 1)

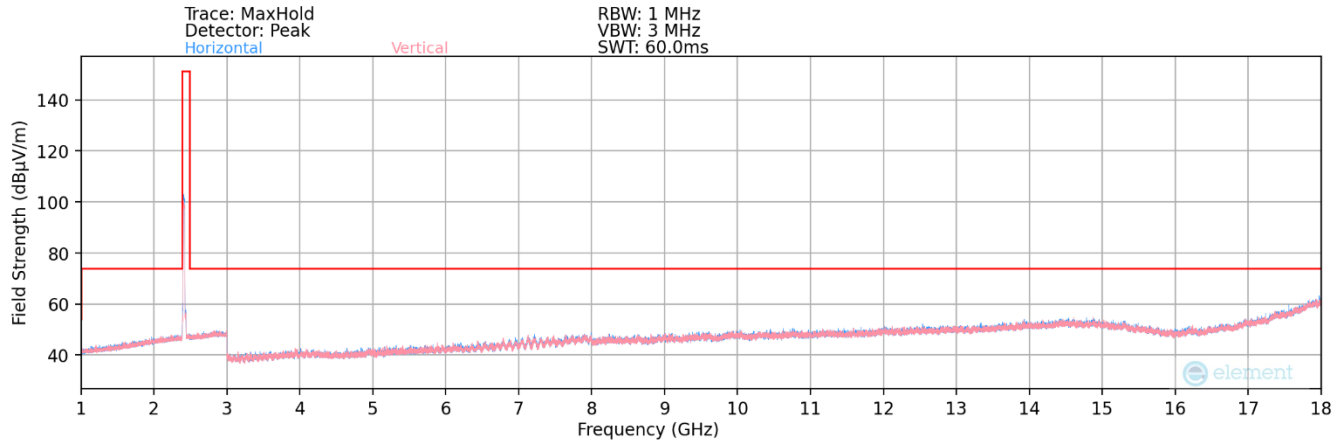


Plot 7-99. Radiated Spurious Plot above 1GHz – SISO ANT2 (802.11be OFDMA – 26 Tones – Ch. 6)

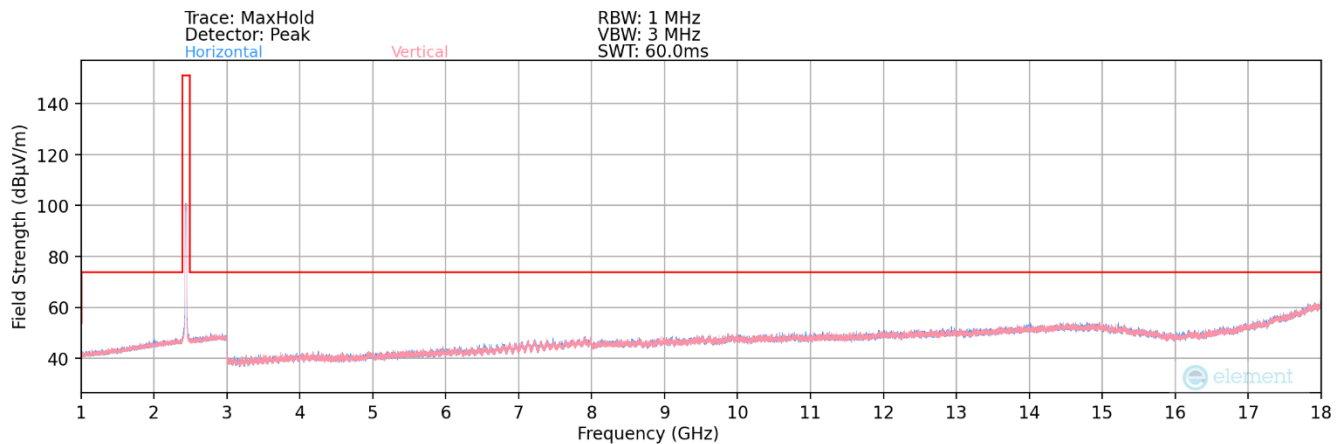


Plot 7-100. Radiated Spurious Plot above 1GHz– SISO ANT2 (802.11be OFDMA – 26 Tones – Ch. 11)

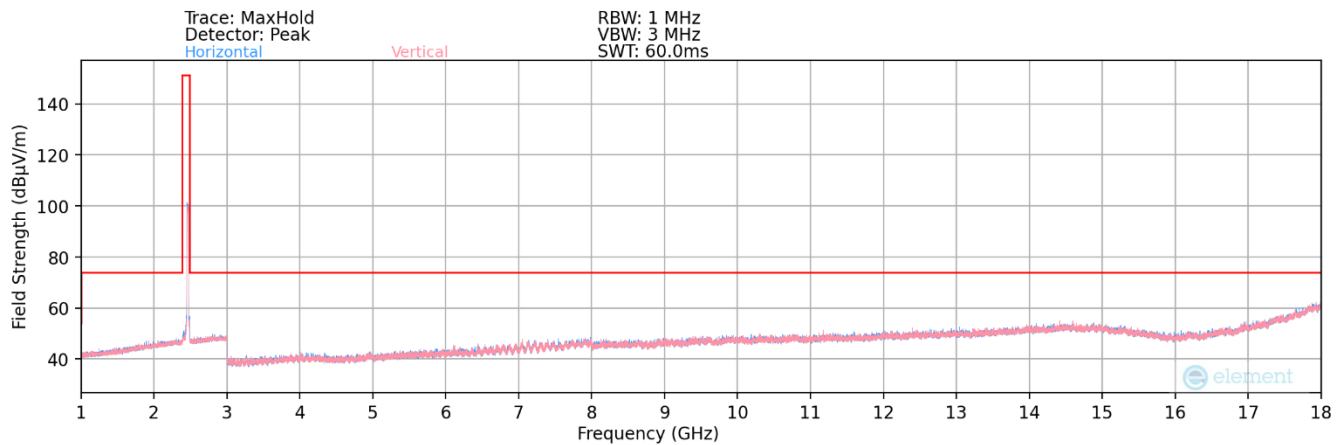
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Plot 7-101. Radiated Spurious Plot above 1GHz – SISO ANT2 (802.11be OFDMA – 242 Tones – Ch. 1)



Plot 7-102. Radiated Spurious Plot above 1GHz – SISO ANT2 (802.11be OFDMA – 242 Tones – Ch. 6)



Plot 7-103. Radiated Spurious Plot above 1GHz – SISO ANT2 (802.11be OFDMA – 242 Tones – Ch. 11)

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7.7.2 SISO Antenna-2 Radiated Spurious Emission Measurements

Worst Case Mode:	<u>802.11be OFDMA</u>
Worst Case Transfer Rate:	<u>MCS0</u>
RU Index:	<u>4</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>2412MHz</u>
Channel:	<u>1</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4824.00	Avg	H	-	-	-76.23	0.47	31.24	53.98	-22.74
4824.00	Peak	H	-	-	-66.12	0.47	41.35	73.98	-32.63
12060.00	Avg	H	-	-	-80.89	13.01	39.12	53.98	-14.86
12060.00	Peak	H	-	-	-70.04	13.01	49.97	73.98	-24.01

Table 7-23. Radiated Measurements SISO Antenna-2 (26 Tones)

Worst Case Mode:	<u>802.11be OFDMA</u>
Worst Case Transfer Rate:	<u>MCS0</u>
RU Index:	<u>4</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>2437MHz</u>
Channel:	<u>6</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4874.00	Avg	H	-	-	-76.19	0.32	31.13	53.98	-22.85
4874.00	Peak	H	-	-	-64.74	0.32	42.58	73.98	-31.40
7311.00	Avg	H	-	-	-79.43	6.50	34.07	53.98	-19.91
7311.00	Peak	H	-	-	-69.87	6.50	43.63	73.98	-30.35
12185.00	Avg	H	-	-	-81.06	12.92	38.86	53.98	-15.12
12185.00	Peak	H	-	-	-71.67	12.92	48.25	73.98	-25.73

Table 7-24. Radiated Measurements SISO Antenna-2 (26 Tones)

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Worst Case Mode: 802.11be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4924.00	Avg	H	-	-	-76.61	1.14	31.53	53.98	-22.45
4924.00	Peak	H	-	-	-65.24	1.14	42.90	73.98	-31.08
7386.00	Avg	H	-	-	-78.59	6.88	35.29	53.98	-18.69
7386.00	Peak	H	-	-	-69.27	6.88	44.61	73.98	-29.37
12310.00	Avg	H	-	-	-81.17	12.84	38.67	53.98	-15.31
12310.00	Peak	H	-	-	-71.56	12.84	48.28	73.98	-25.70

Table 7-25. Radiated Measurements SISO Antenna-2 (26 Tones)

Worst Case Mode: 802.11be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 1

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4824.00	Avg	H	-	-	-76.42	0.47	31.05	53.98	-22.93
4824.00	Peak	H	-	-	-66.28	0.47	41.19	73.98	-32.79
12060.00	Avg	H	-	-	-81.26	13.01	38.75	53.98	-15.23
12060.00	Peak	H	-	-	-69.45	13.01	50.56	73.98	-23.42

Table 7-26. Radiated Measurements SISO Antenna-2 (242 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Avg	H	-	-	-76.66	0.32	30.66	53.98	-23.32
4874.00	Peak	H	-	-	-64.89	0.32	42.43	73.98	-31.55
7311.00	Avg	H	-	-	-80.04	6.50	33.46	53.98	-20.52
7311.00	Peak	H	-	-	-69.12	6.50	44.38	73.98	-29.60
12185.00	Avg	H	-	-	-81.08	12.92	38.84	53.98	-15.14
12185.00	Peak	H	-	-	-71.69	12.92	48.23	73.98	-25.75

Table 7-27. Radiated Measurements SISO Antenna-2 (242 Tones)

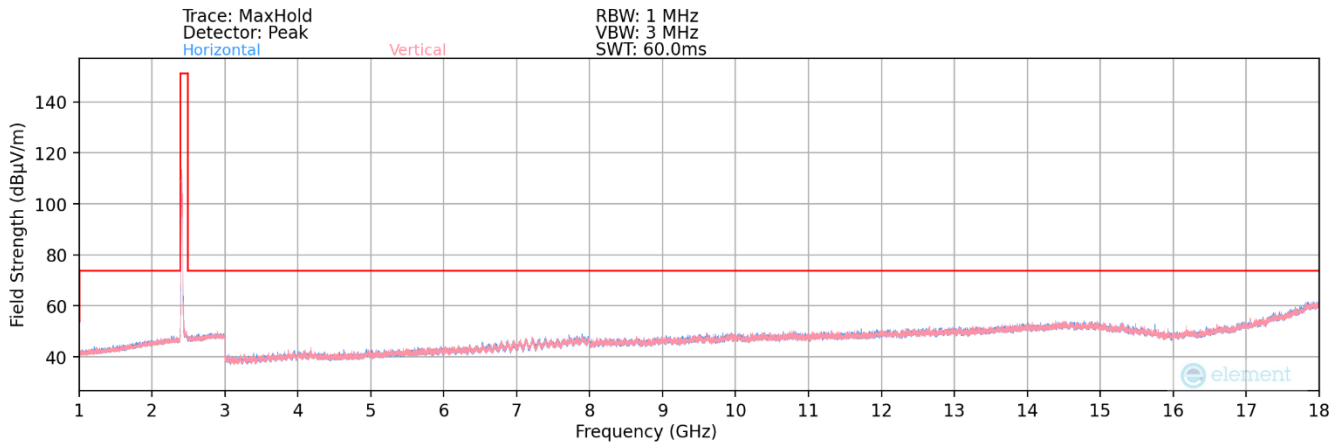
Worst Case Mode: 802.11be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	H	-	-	-76.58	1.14	31.56	53.98	-22.42
4924.00	Peak	H	-	-	-64.45	1.14	43.69	73.98	-30.29
7386.00	Avg	H	-	-	-79.12	6.88	34.76	53.98	-19.22
7386.00	Peak	H	-	-	-69.81	6.88	44.07	73.98	-29.91
12310.00	Avg	H	-	-	-81.11	12.84	38.73	53.98	-15.25
12310.00	Peak	H	-	-	-71.68	12.84	48.16	73.98	-25.82

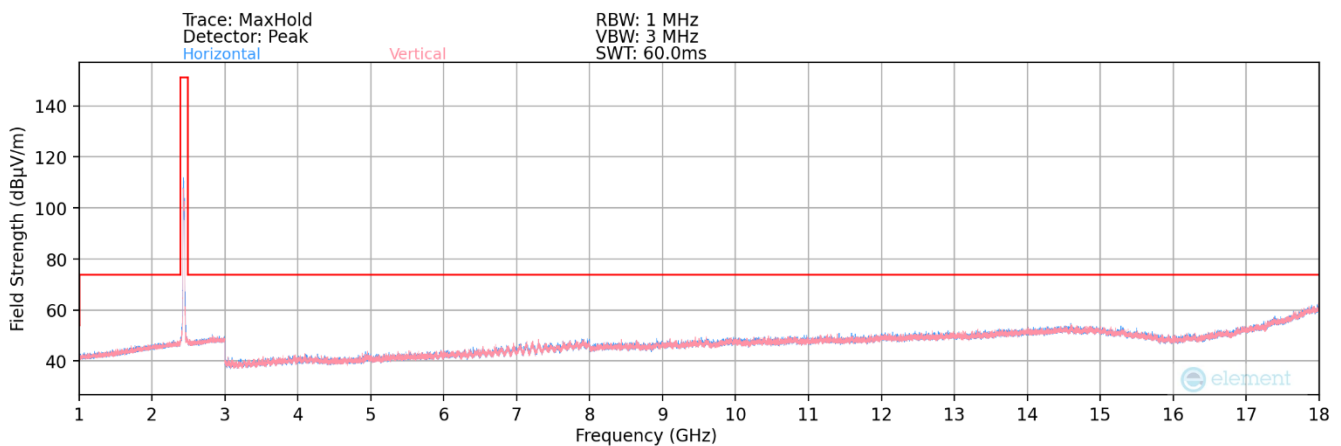
Table 7-28. Radiated Measurements SISO Antenna-2 (242 Tones)

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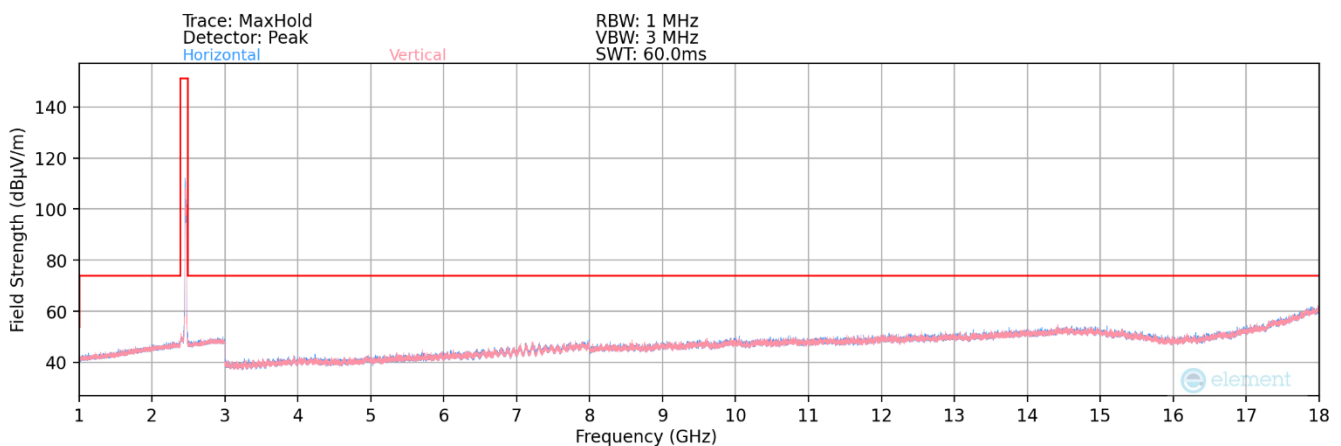
7.7.3 MIMO Radiated Spurious Emission Pre-Scans



Plot 7-104. Radiated Spurious Plot above 1GHz – MIMO (802.11be OFDMA – 26 Tones – Ch. 1)

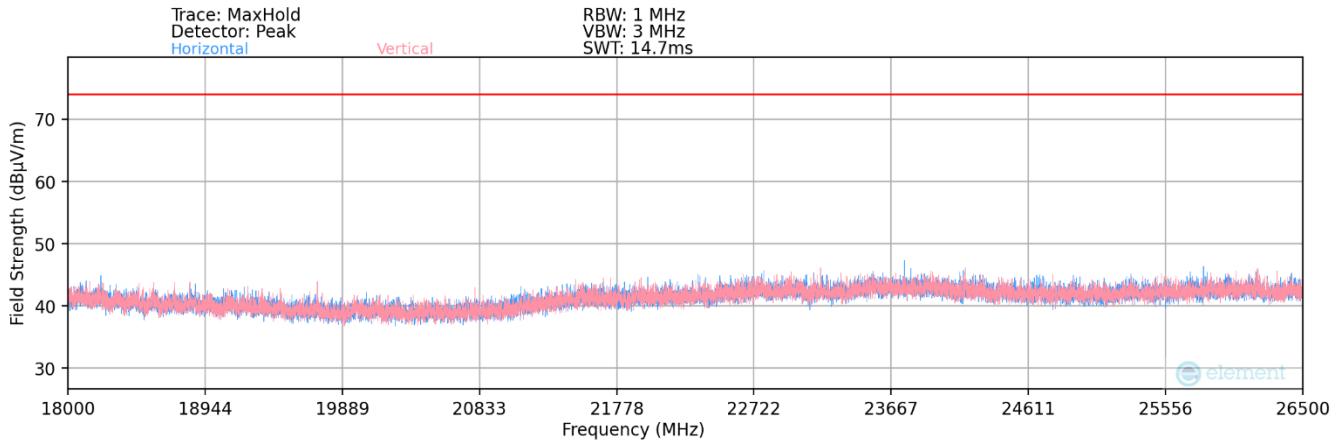


Plot 7-105. Radiated Spurious Plot above 1GHz – MIMO (802.11be OFDMA – 26 Tones – Ch. 6)

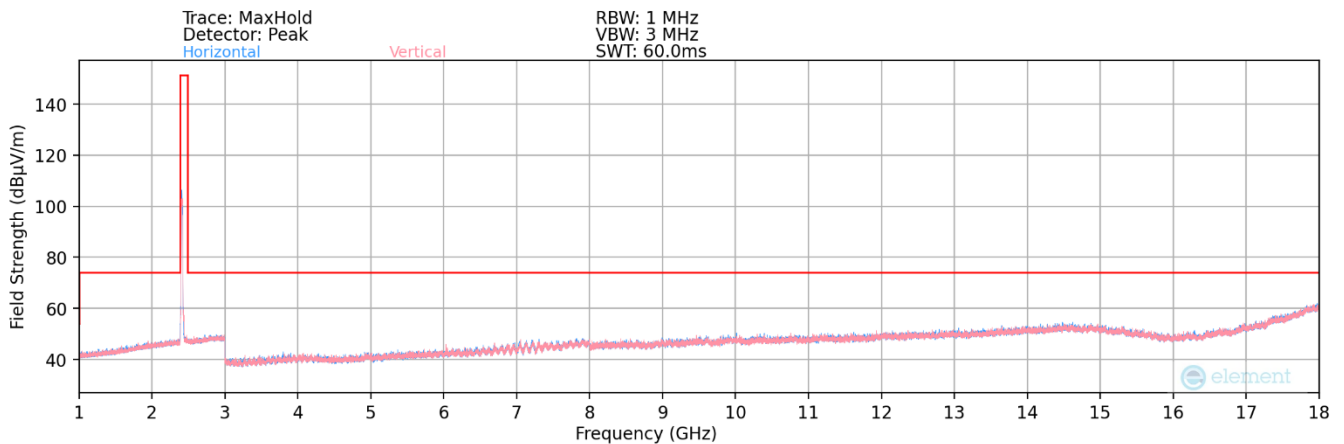


Plot 7-106. Radiated Spurious Plot above 1GHz– MIMO (802.11be OFDMA – 26 Tones – Ch. 11)

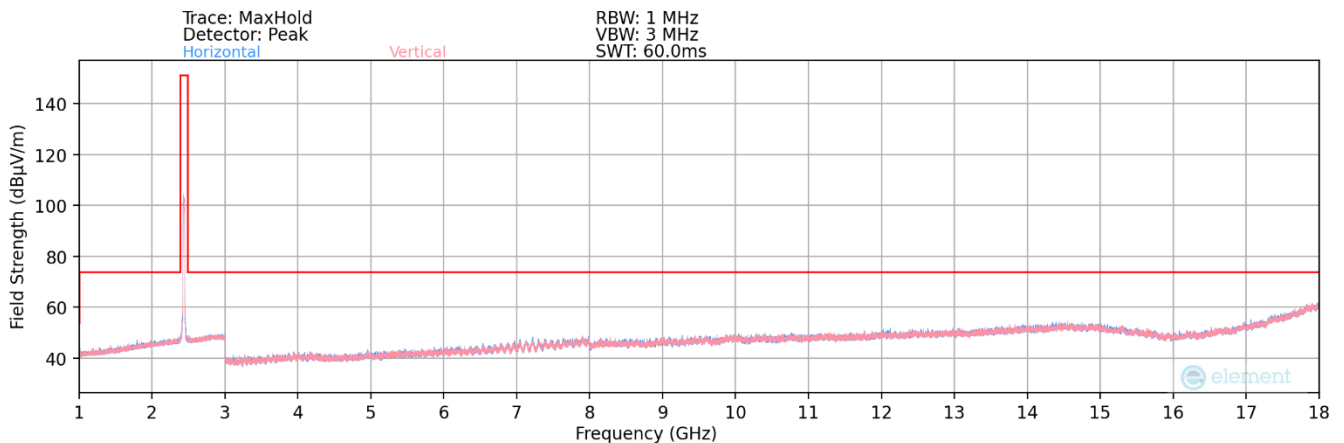
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Plot 7-107. Radiated Spurious Plot above 18GHz – MIMO ANT2 (802.11be OFDMA – 26 Tones)



Plot 7-108. Radiated Spurious Plot above 1GHz – MIMO (802.11be OFDMA – 242 Tones – Ch. 1)



Plot 7-109. Radiated Spurious Plot above 1GHz – MIMO (802.11be OFDMA – 242 Tones – Ch. 6)

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