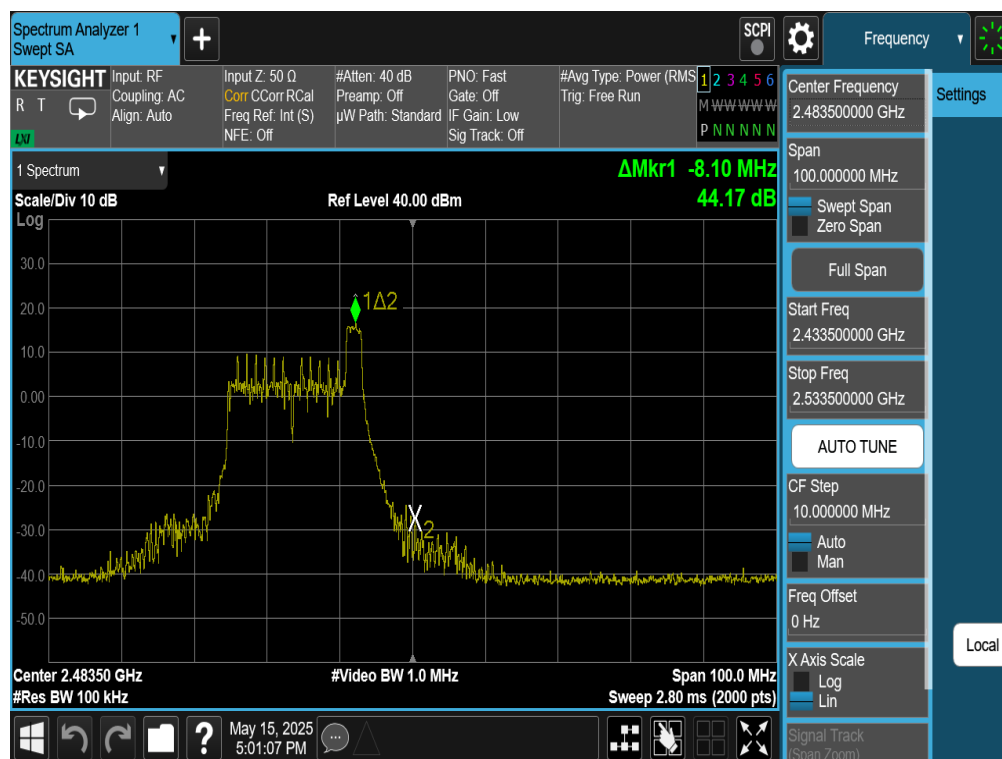
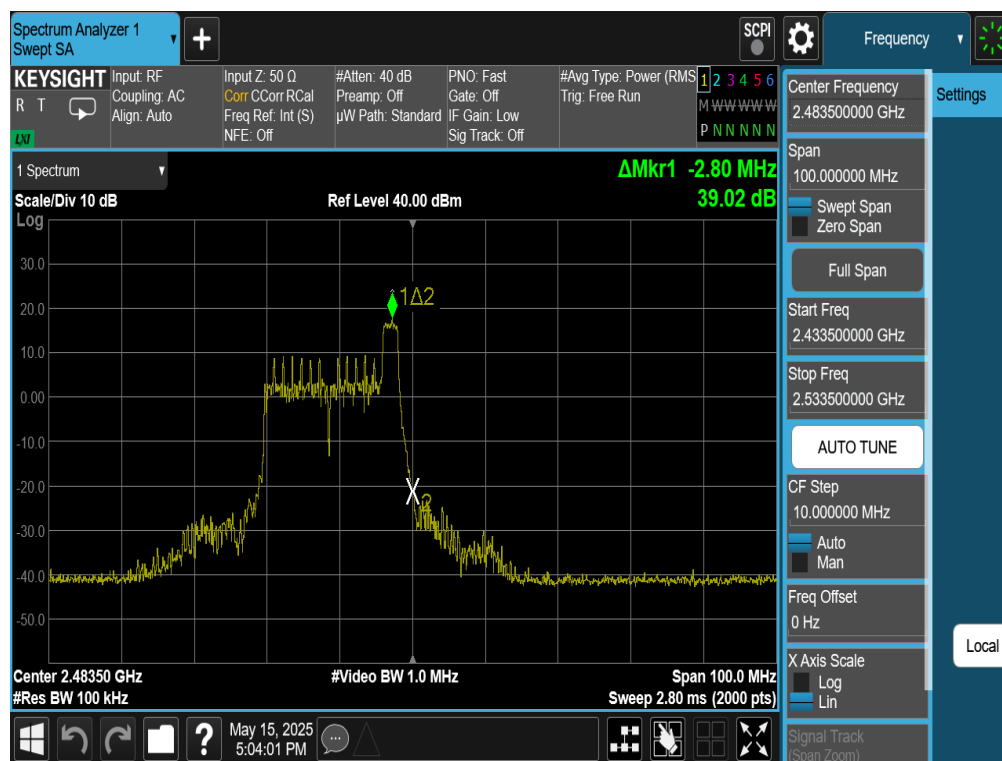


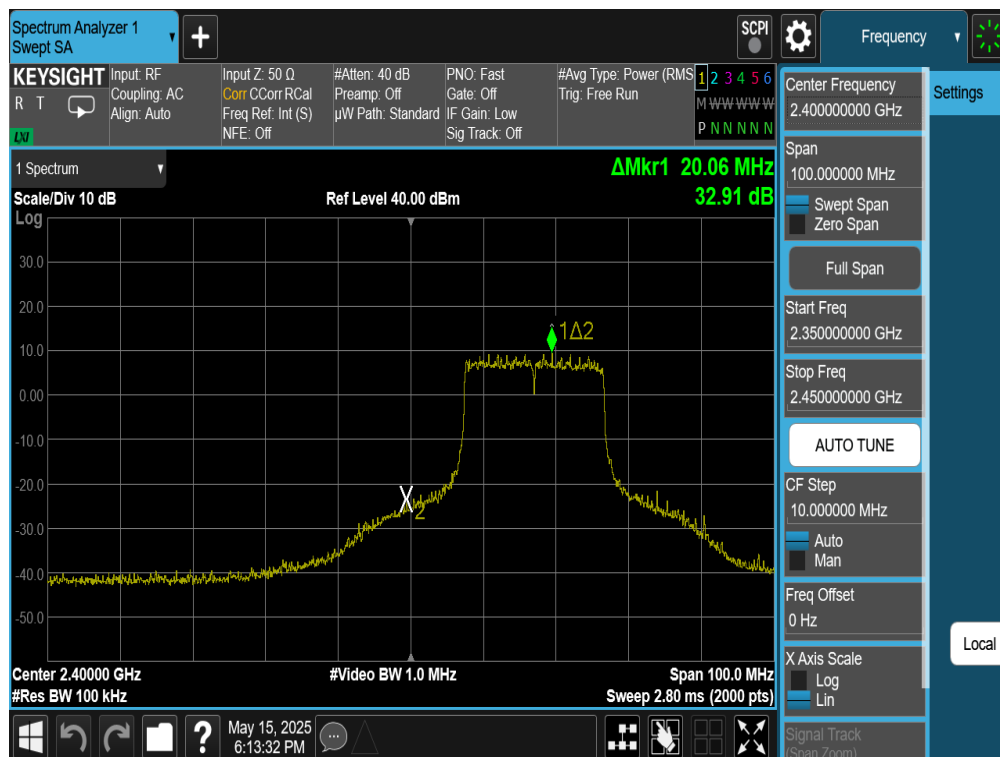
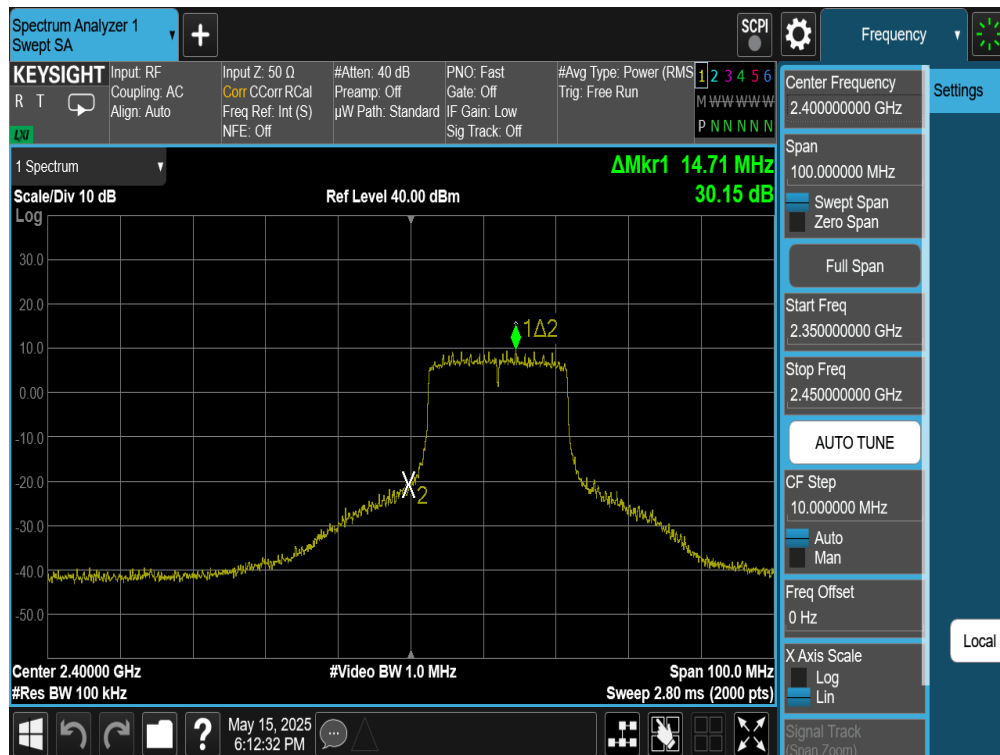


Plot 7-43. Band Edge Antenna WF8 (802.11be OFDMA – RU26 Index 8 – Ch. 12)

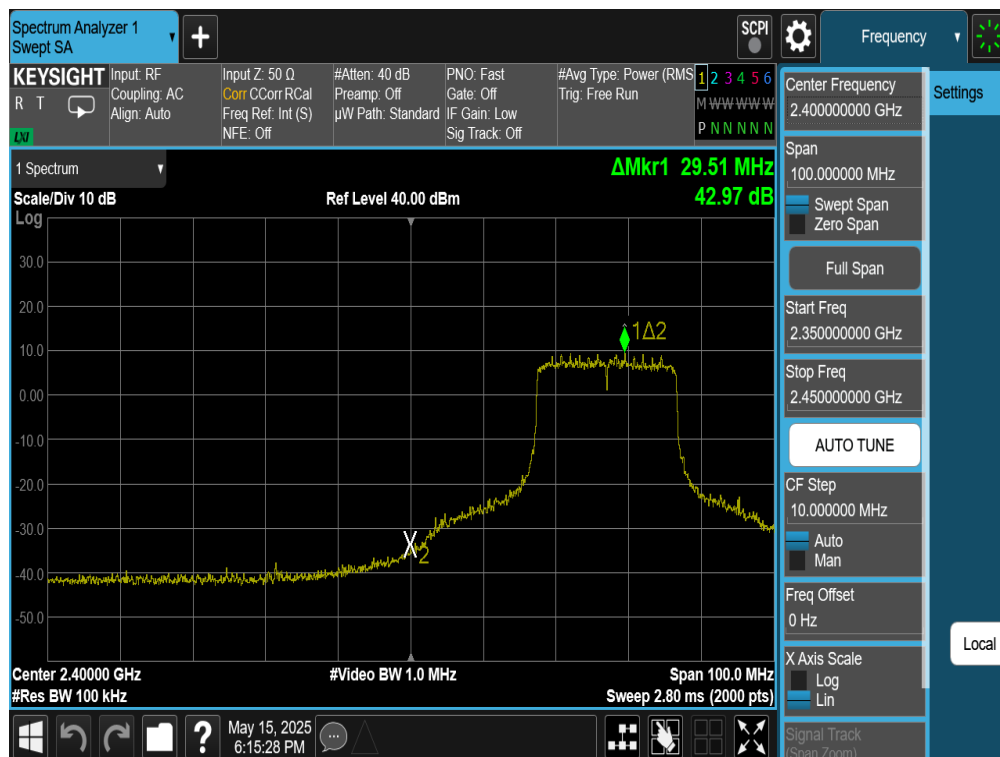
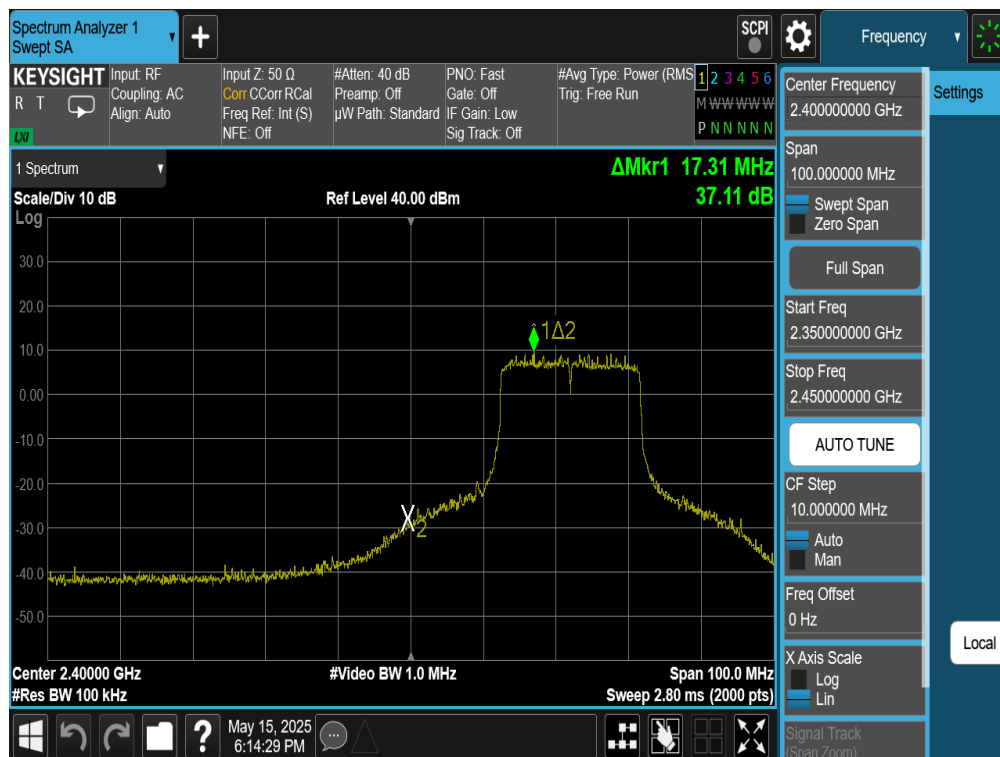


Plot 7-44. Band Edge Antenna WF8 (802.11be OFDMA – RU26 Index 8 – Ch. 13)

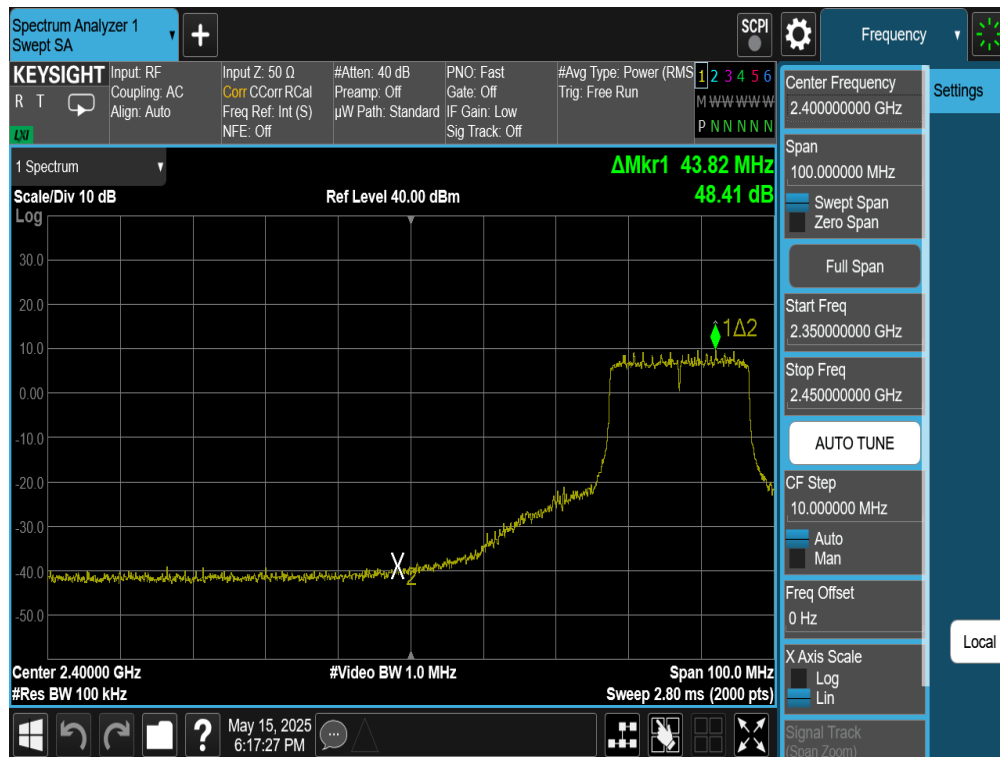
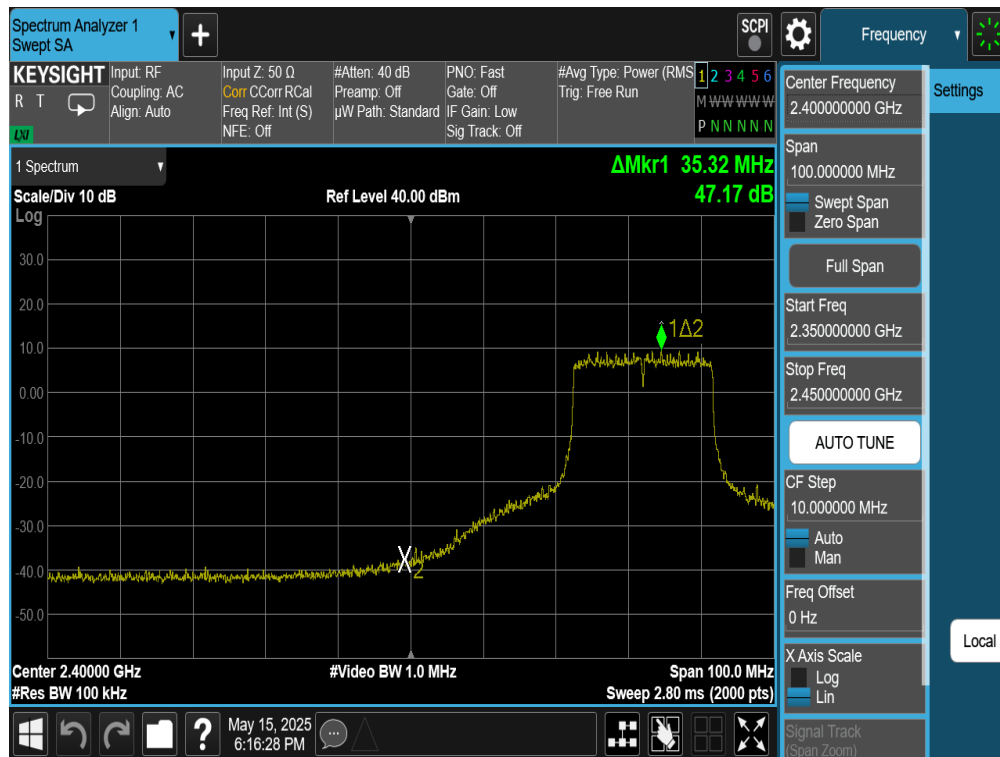
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 60 of 209



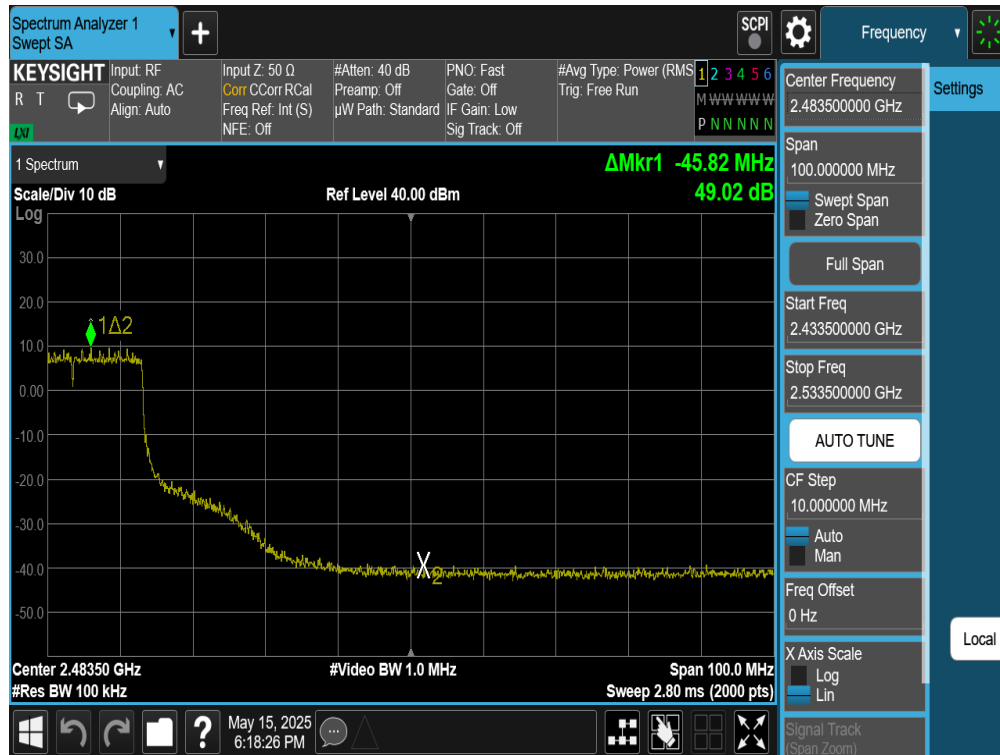
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 61 of 209



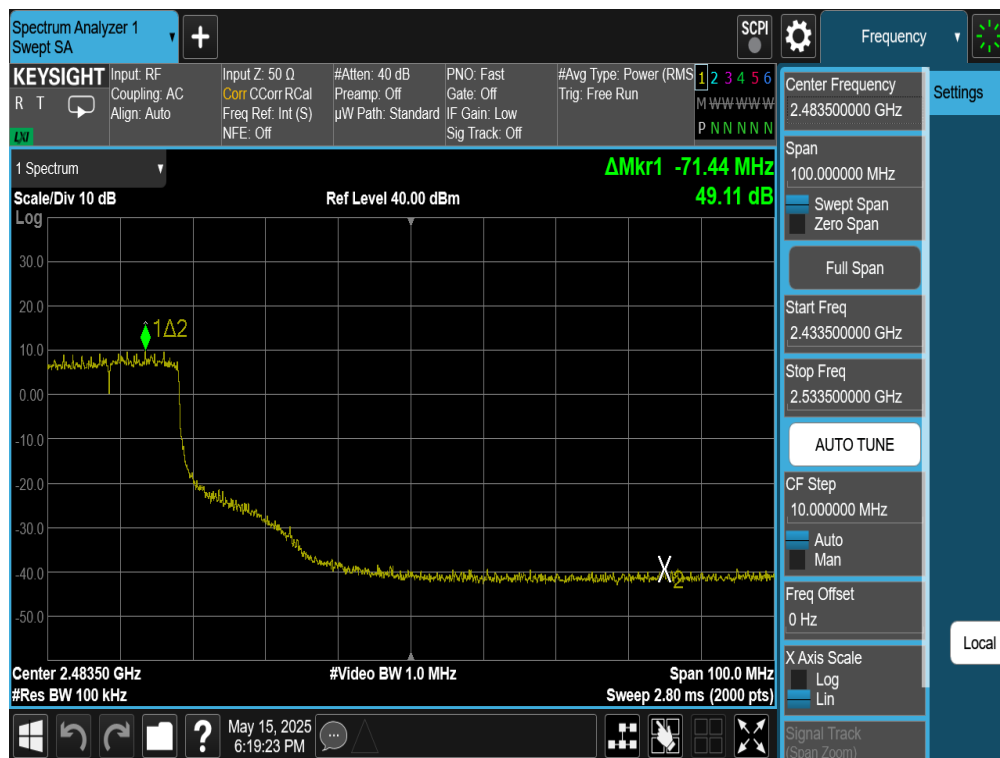
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 62 of 209



FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 63 of 209

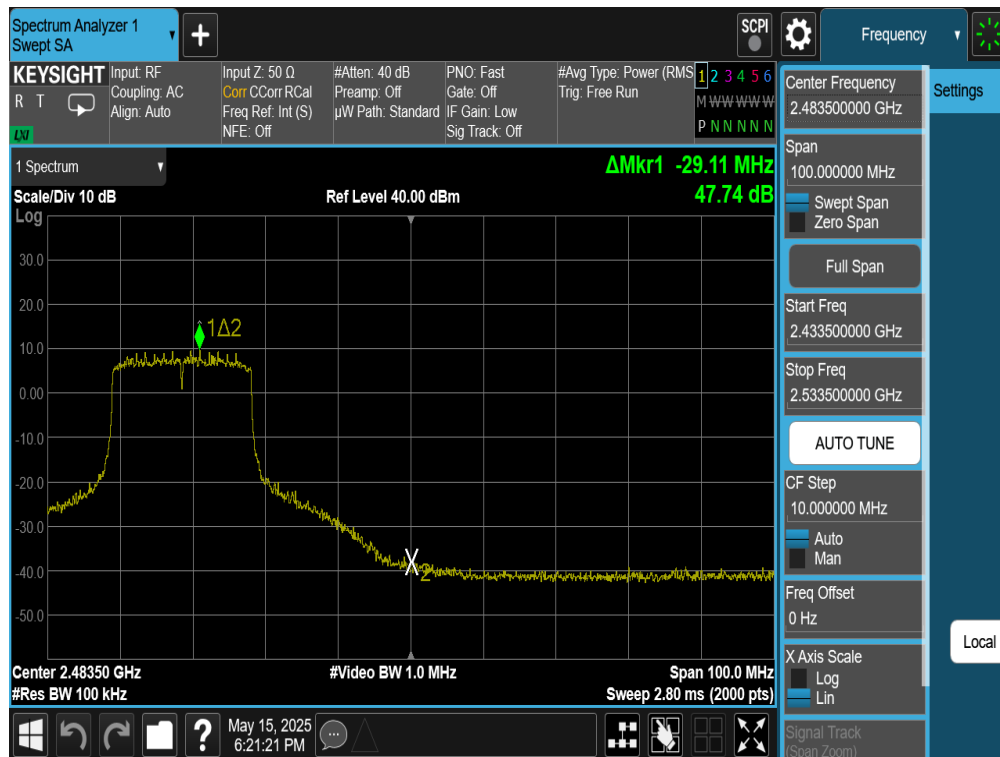
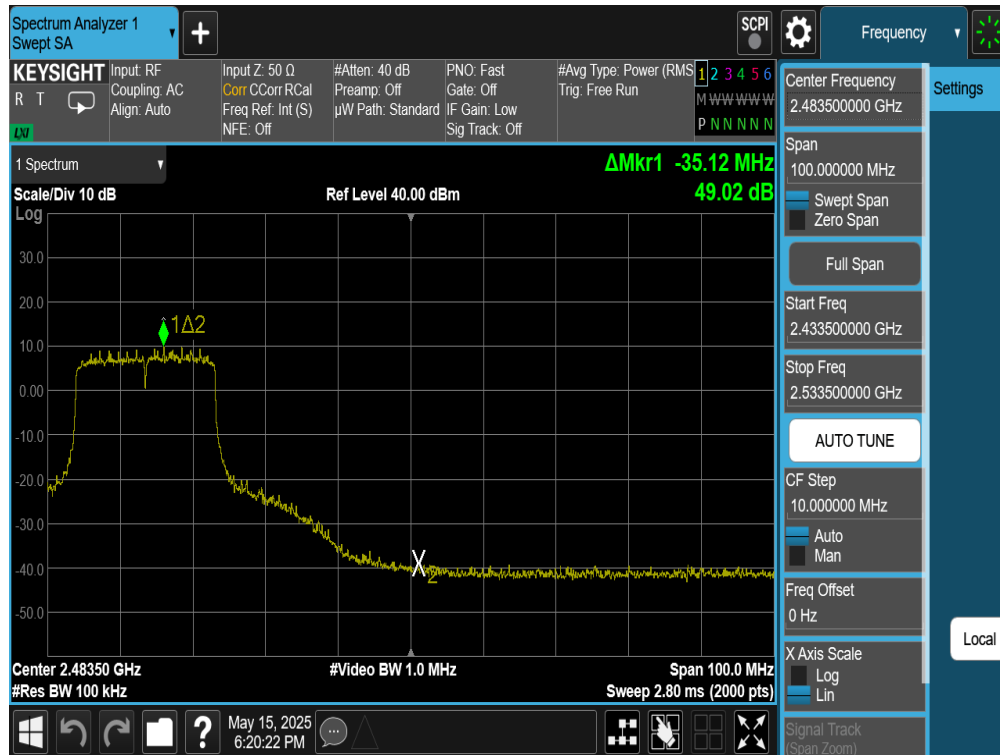


Plot 7-51. Band Edge Antenna WF8 (802.11be OFDMA – RU242 – Ch. 6(High Channel))

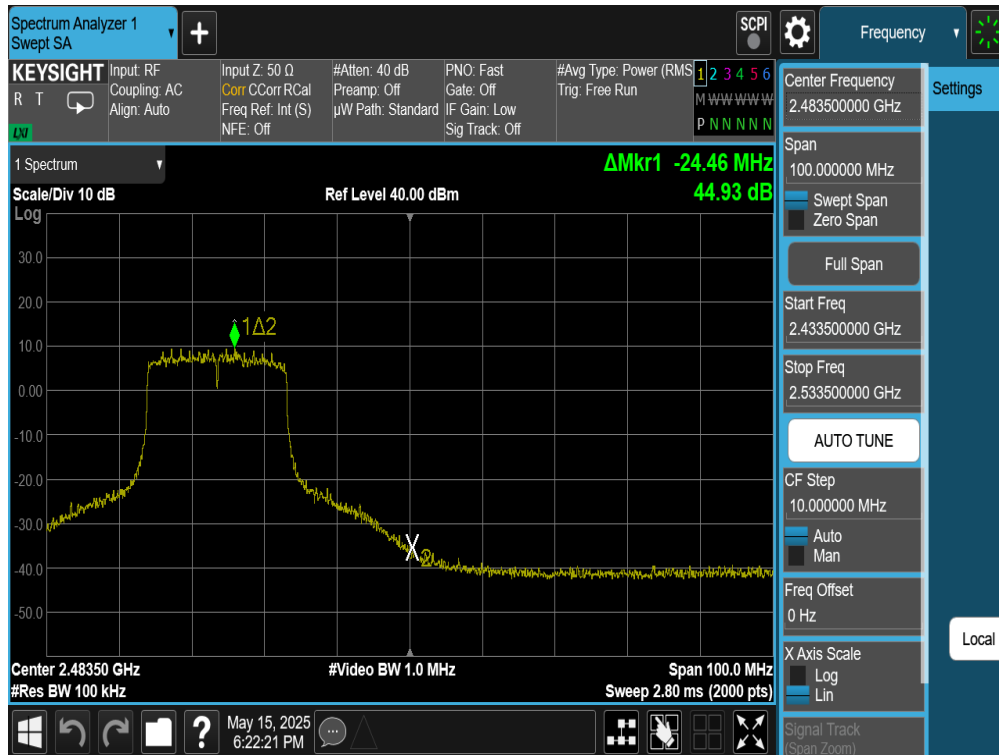


Plot 7-52. Band Edge Antenna WF8 (802.11be OFDMA – RU242 – Ch. 7)

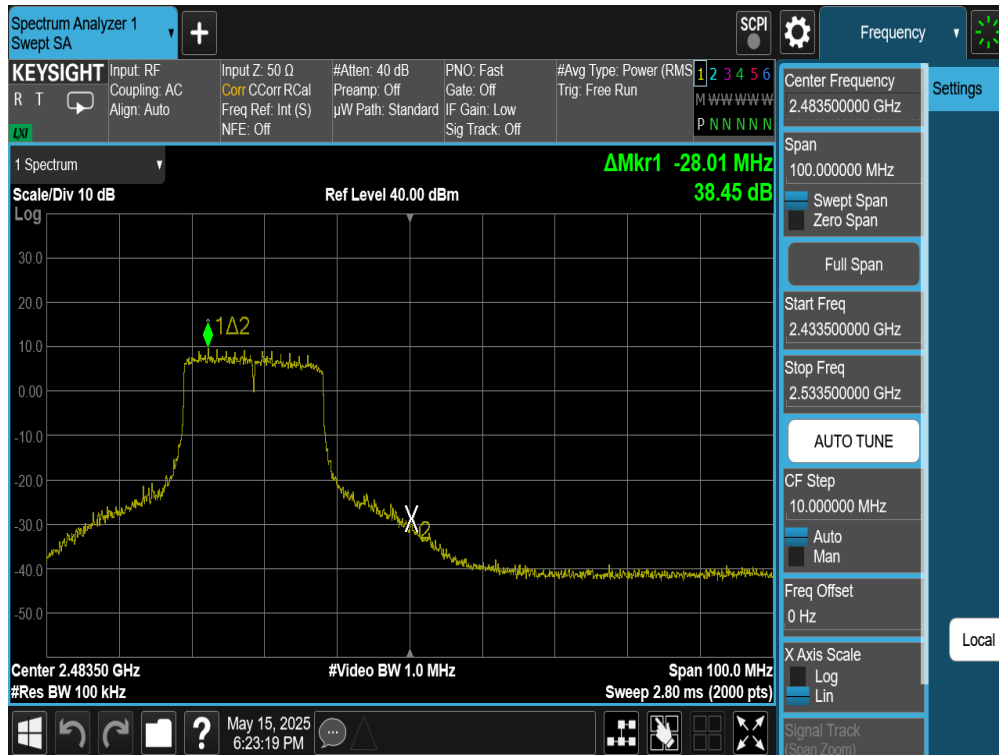
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 64 of 209



FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 65 of 209

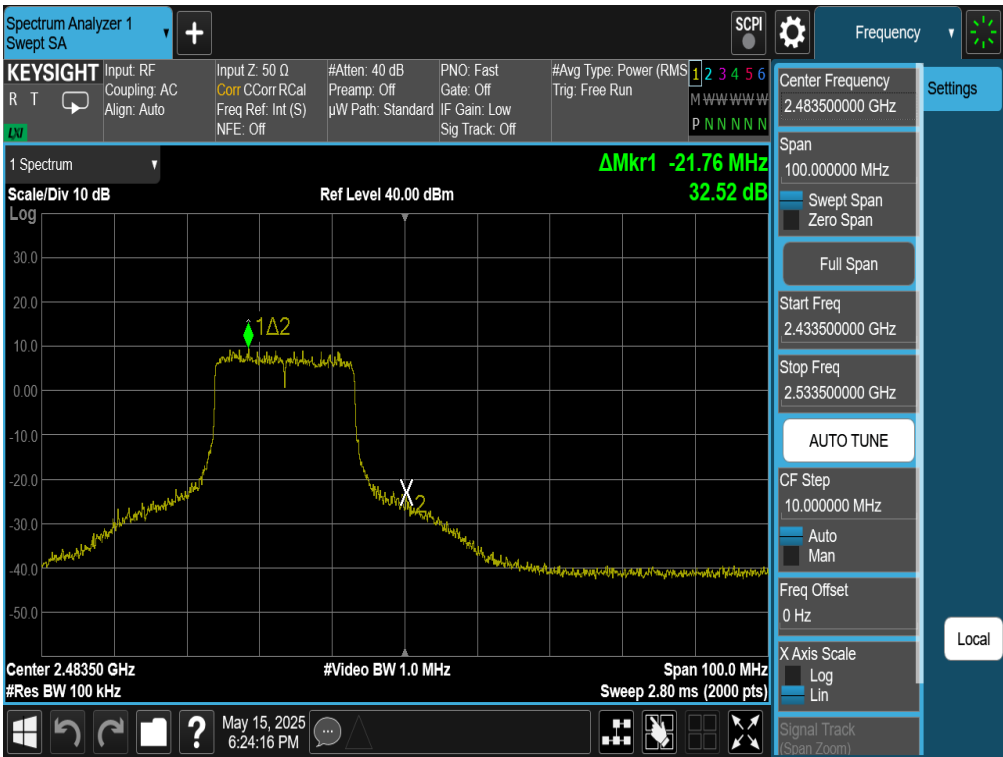


Plot 7-55. Band Edge Antenna WF8 (802.11be OFDMA – RU242 – Ch. 10)

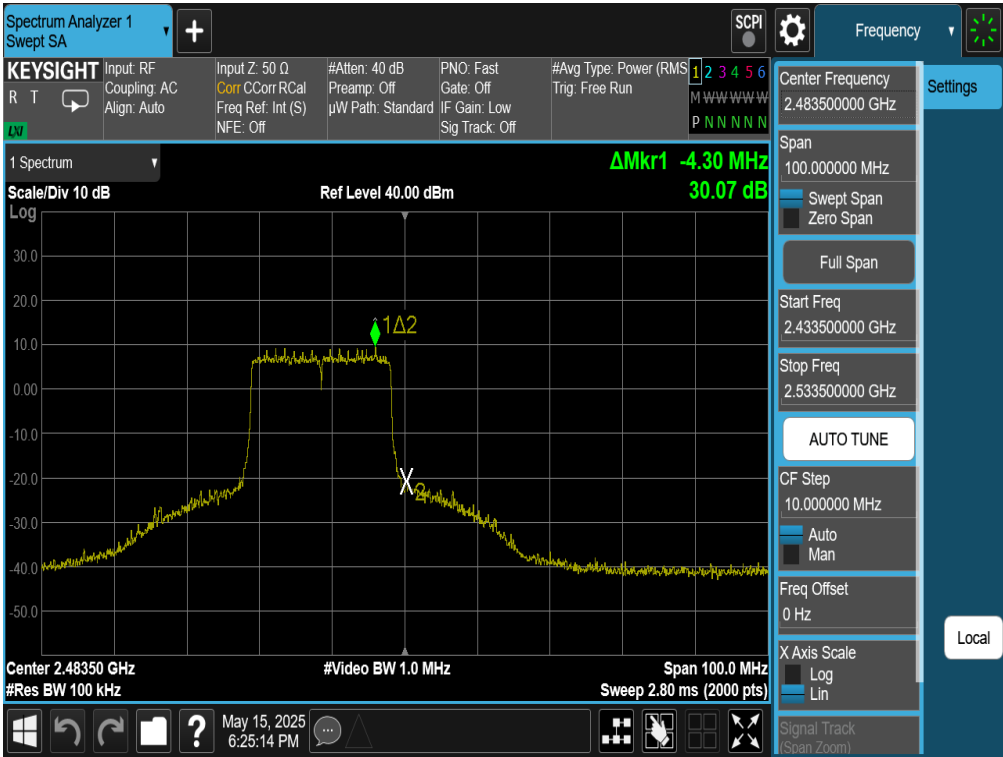


Plot 7-56. Band Edge Antenna WF8 (802.11be OFDMA – RU242 – Ch. 11)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 66 of 209



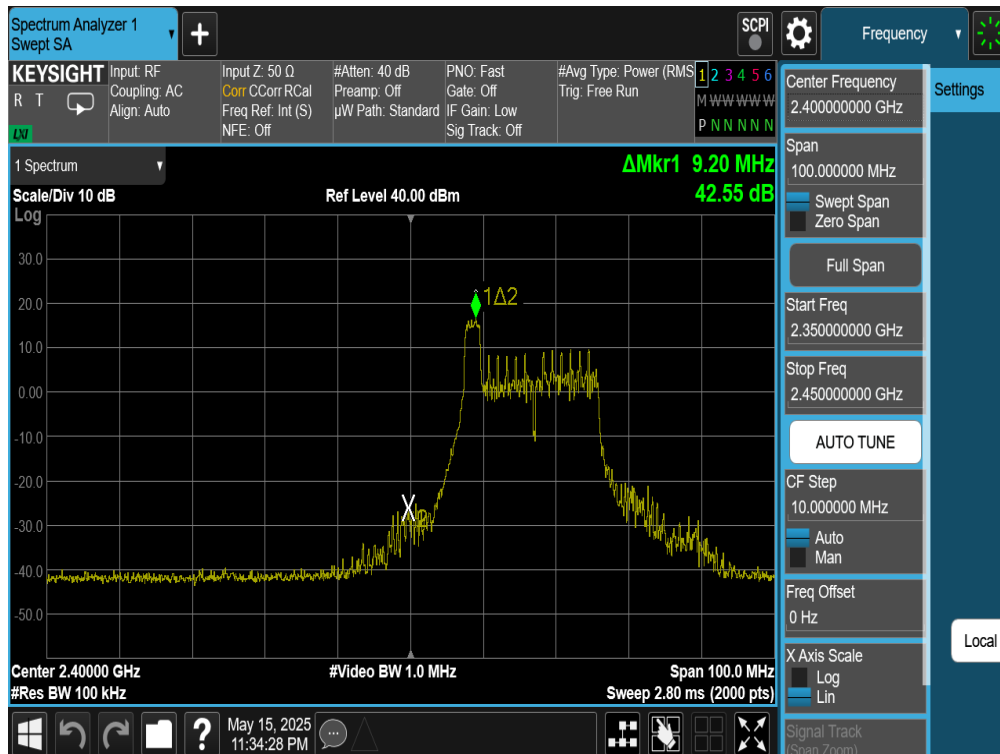
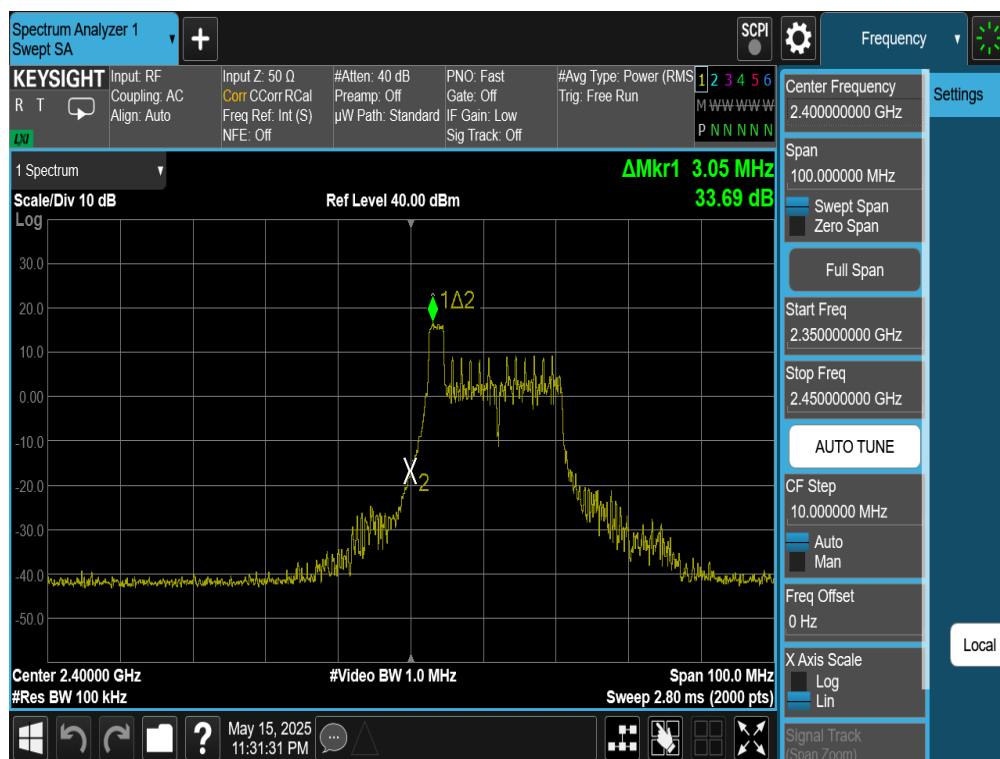
Plot 7-57. Band Edge Antenna WF8 (802.11be OFDMA – RU242 – Ch. 12)



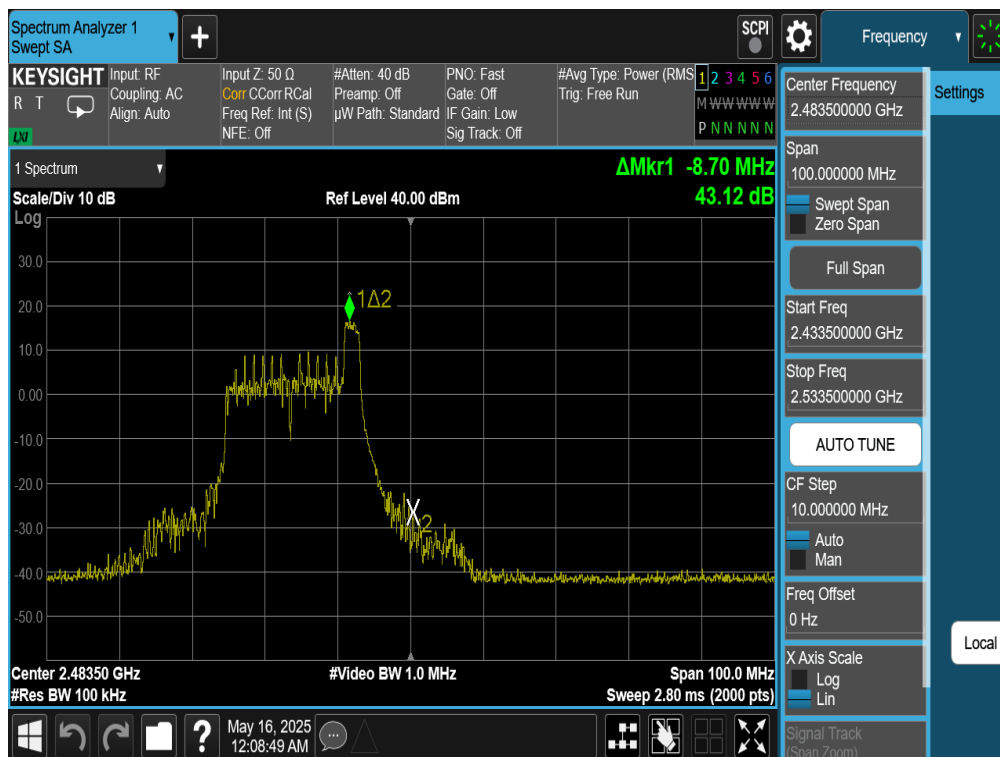
Plot 7-58. Band Edge Antenna WF8 (802.11be OFDMA – RU242 – Ch. 13)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 67 of 209

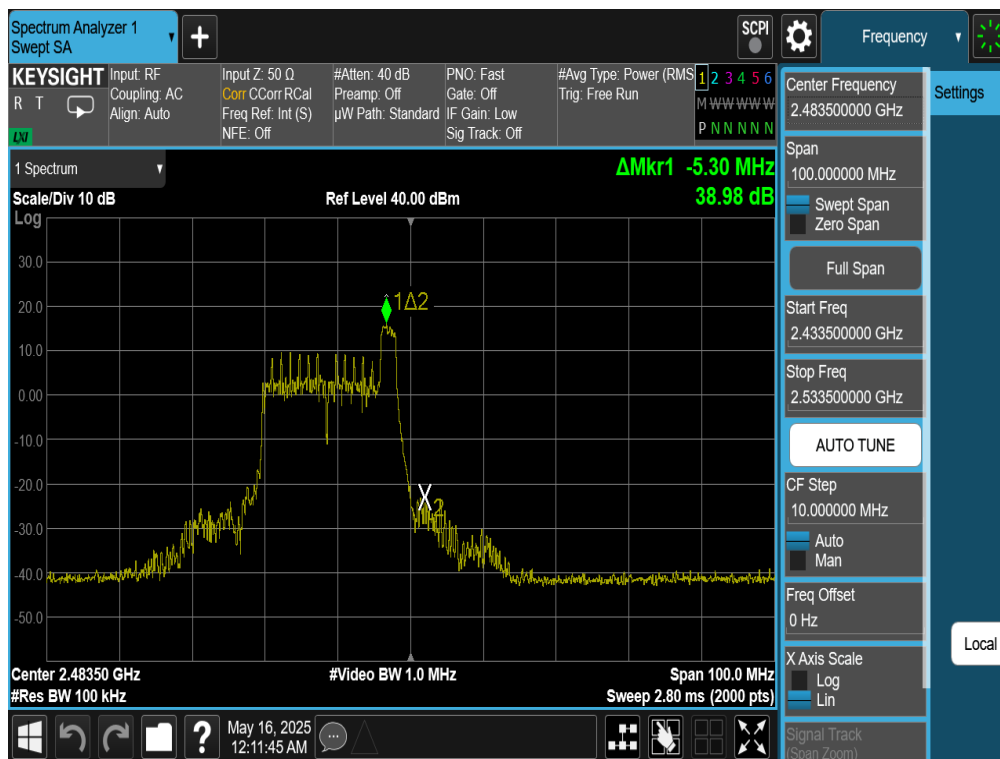
7.5.2 Antenna WF7 Conducted Emissions at the Band Edge



FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 68 of 209

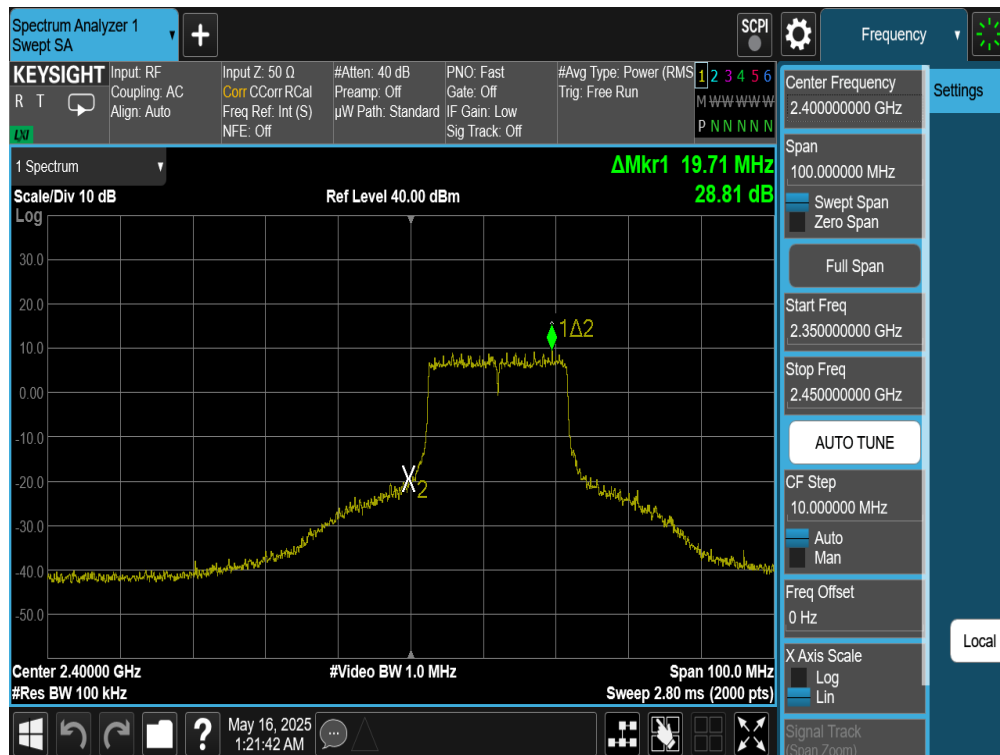


Plot 7-61. Band Edge Antenna WF7 (802.11be OFDMA – RU26 Index 8 – Ch. 12)

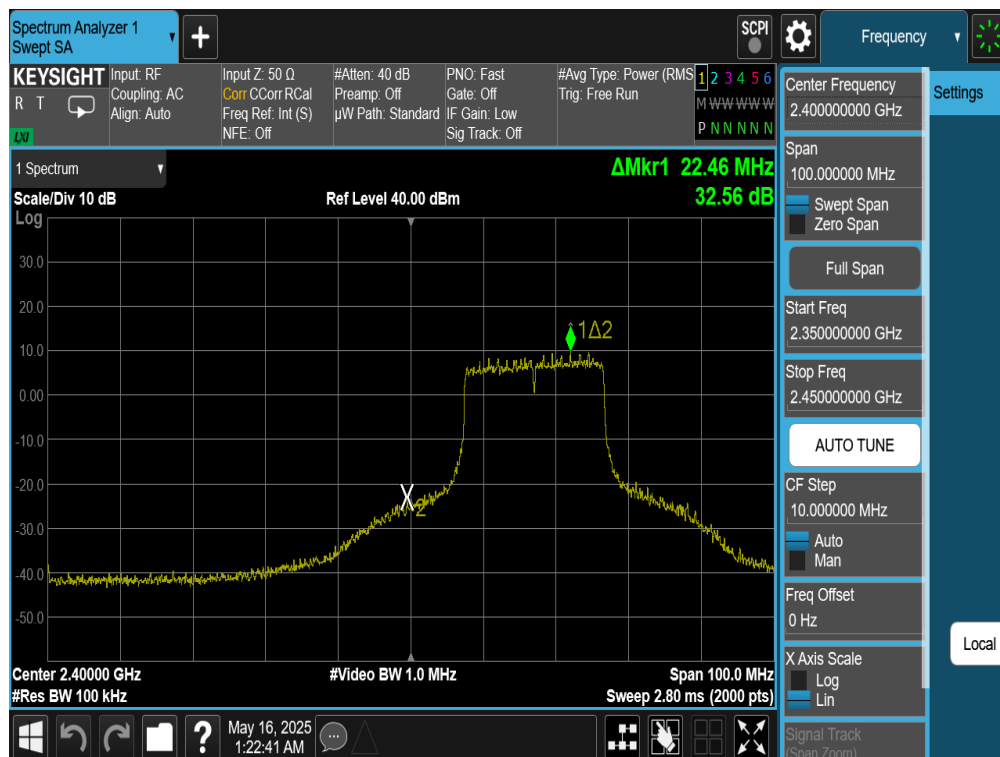


Plot 7-62. Band Edge Antenna WF7 (802.11be OFDMA – RU26 Index 8 – Ch. 13)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 69 of 209

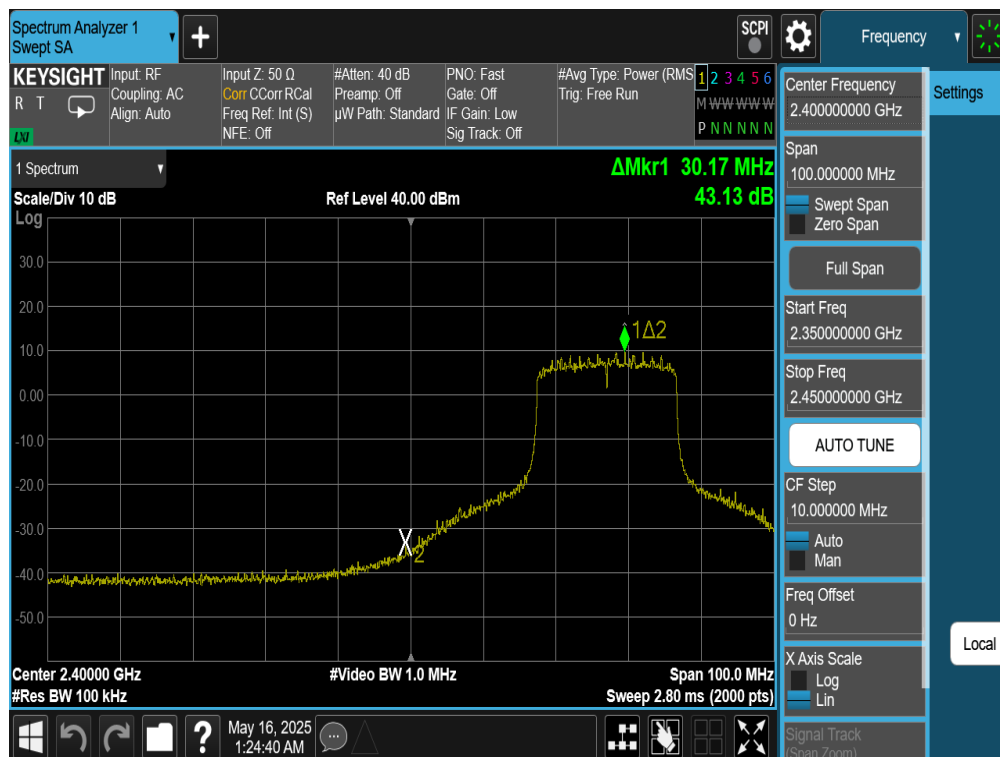
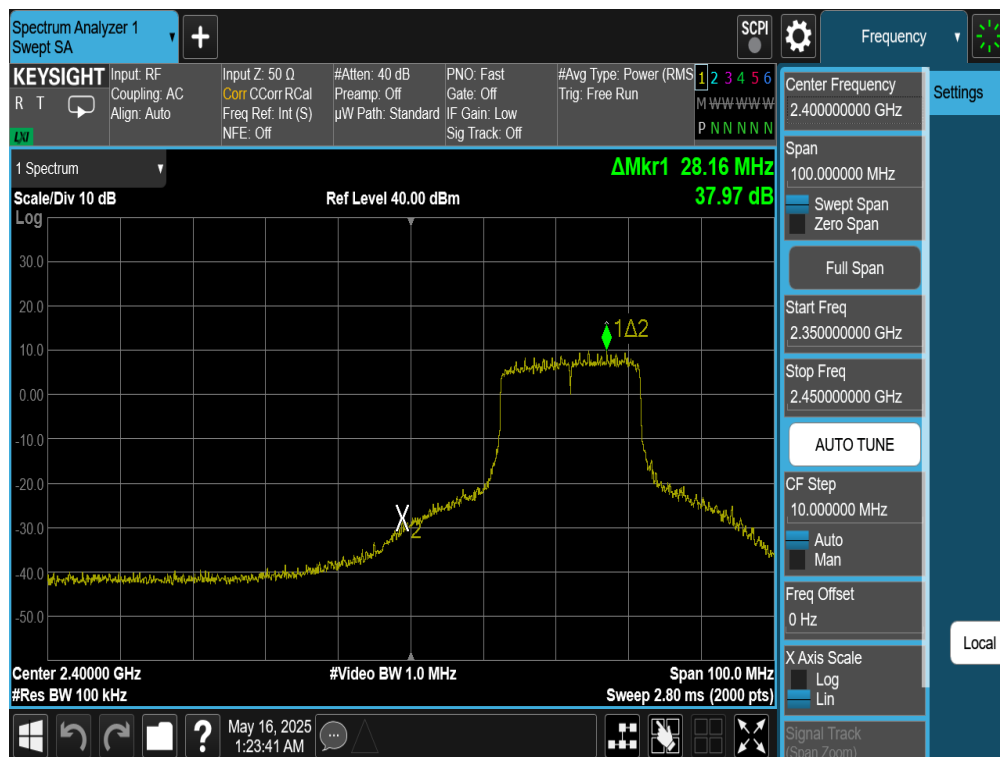


Plot 7-63. Band Edge Antenna WF7 (802.11be OFDMA – RU242 – Ch. 1)

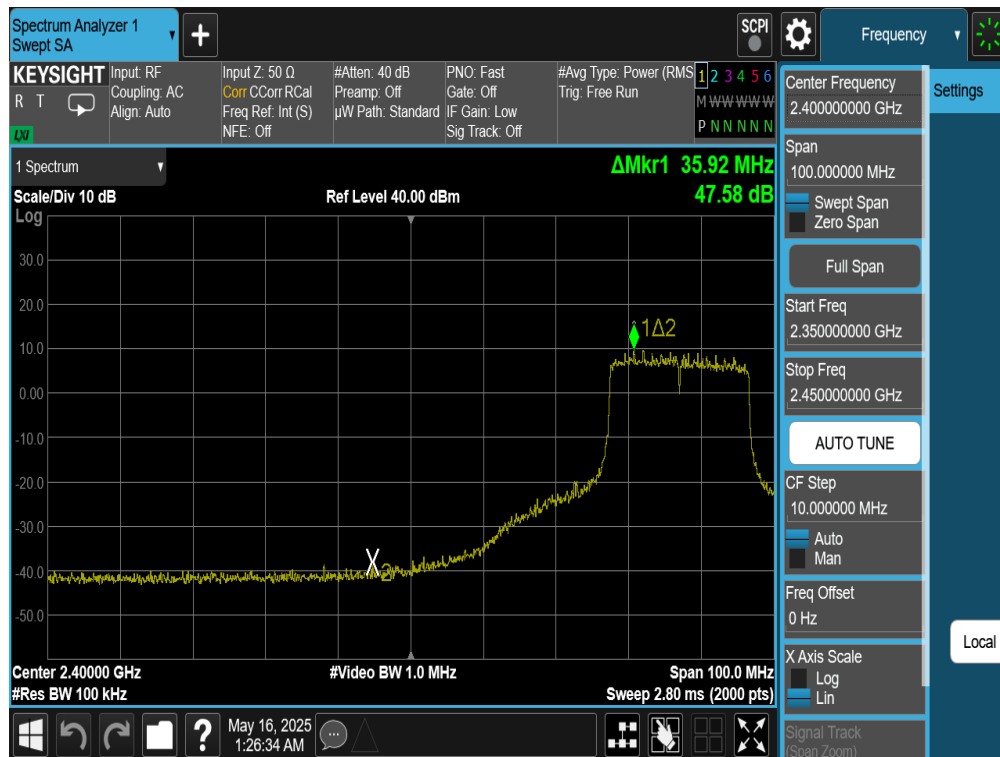
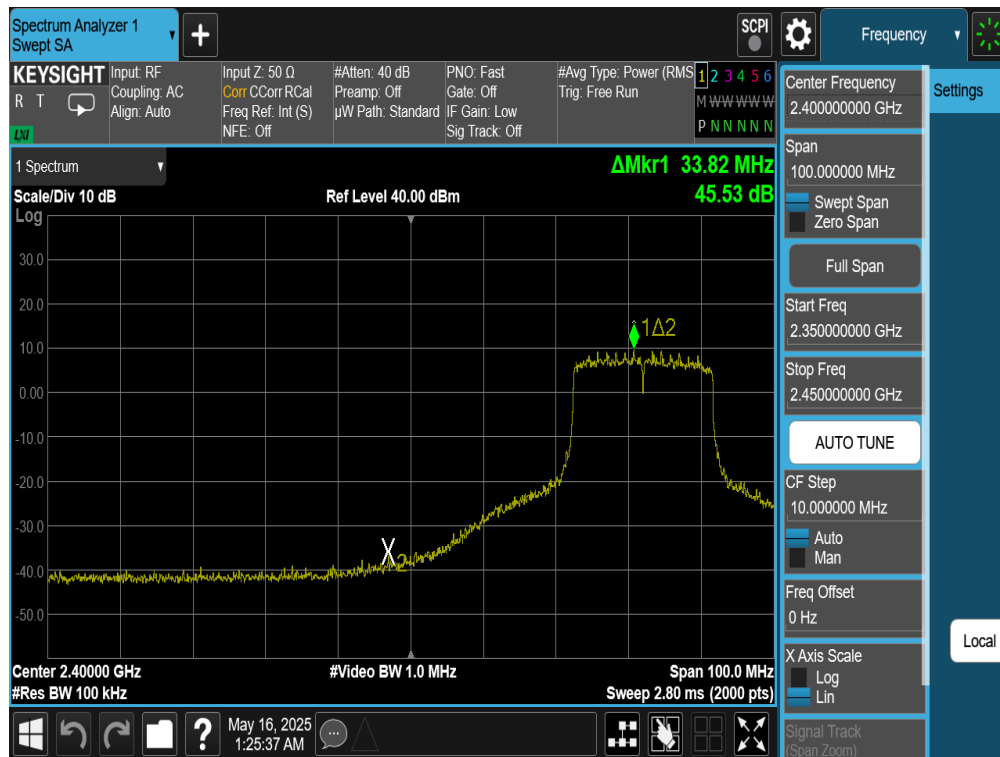


Plot 7-64. Band Edge Antenna WF7 (802.11be OFDMA – RU242 – Ch. 2)

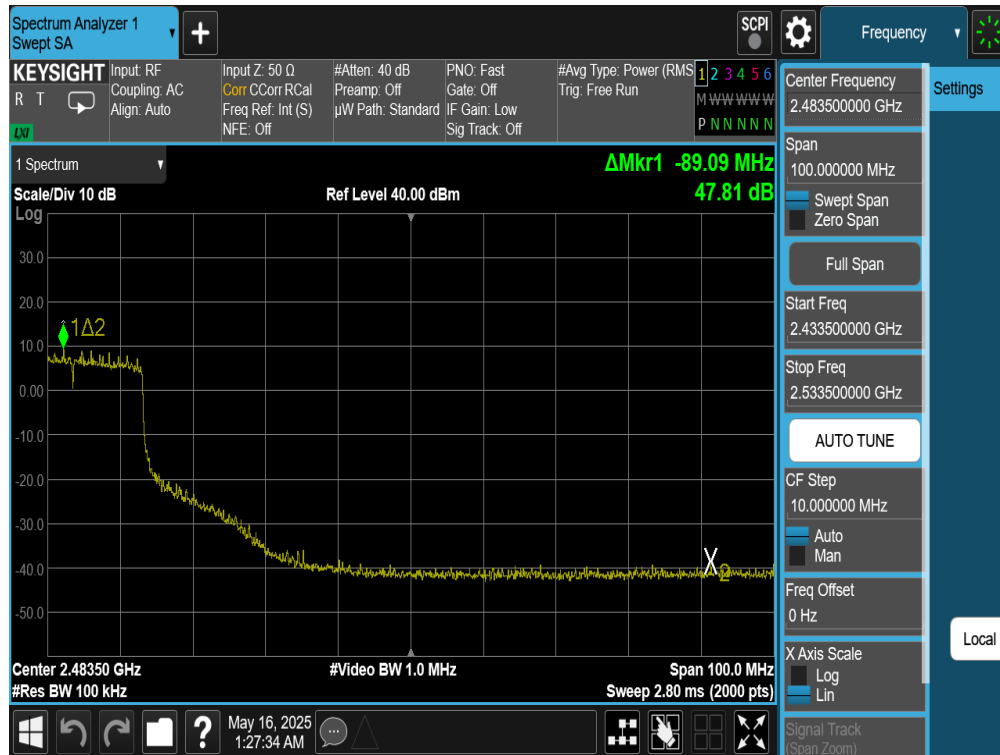
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 70 of 209



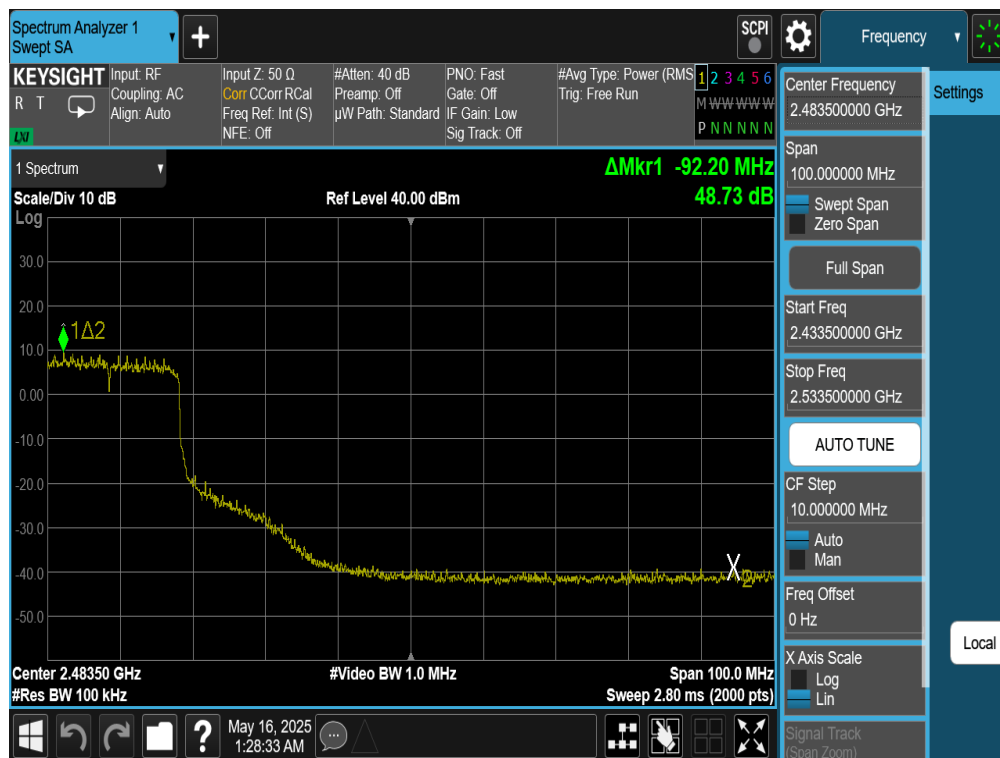
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 71 of 209



FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 72 of 209

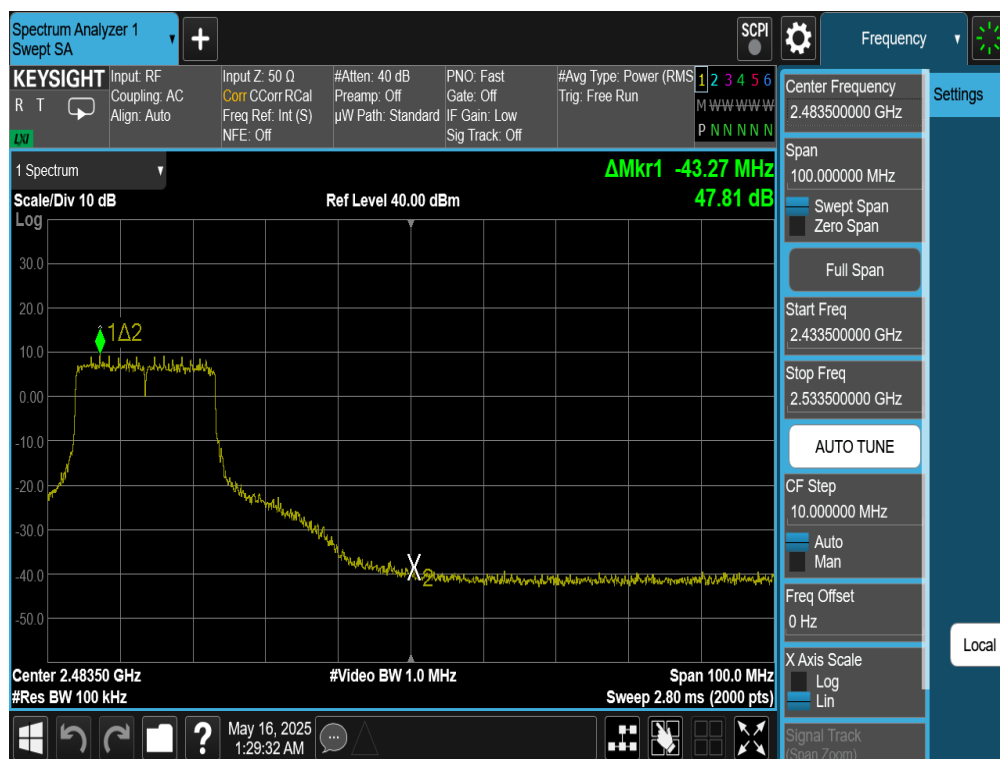


Plot 7-69. Band Edge Antenna WF7 (802.11be OFDMA – RU242 – Ch. 6(High Channel))

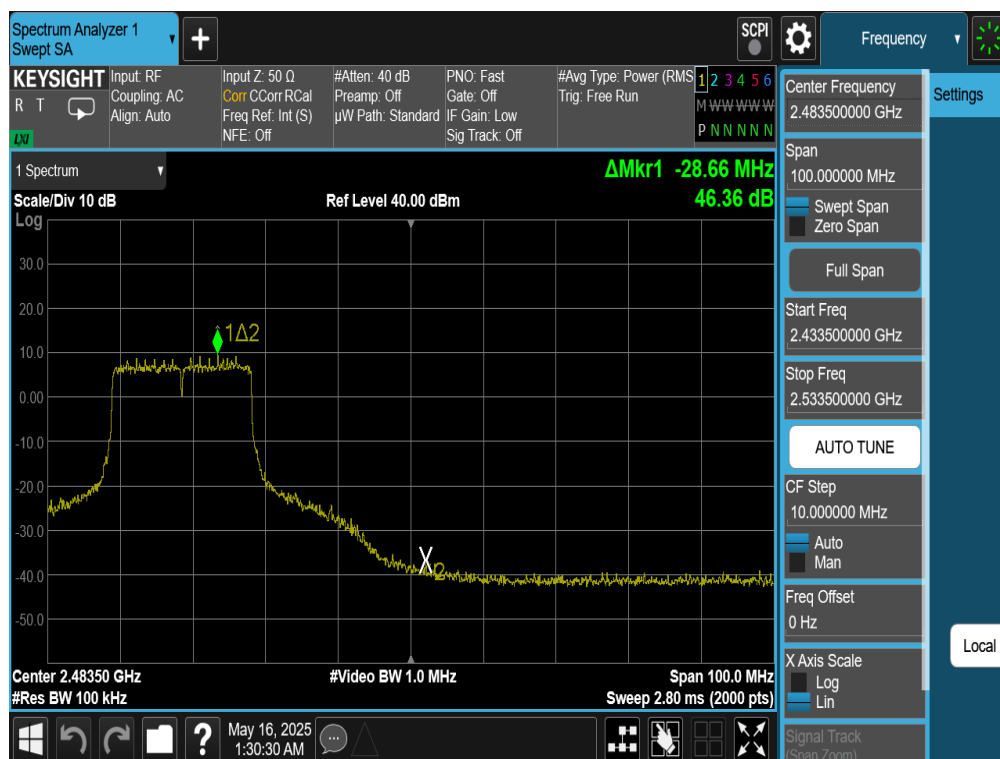


Plot 7-70. Band Edge Antenna WF7 (802.11be OFDMA – RU242 – Ch. 7)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 73 of 209

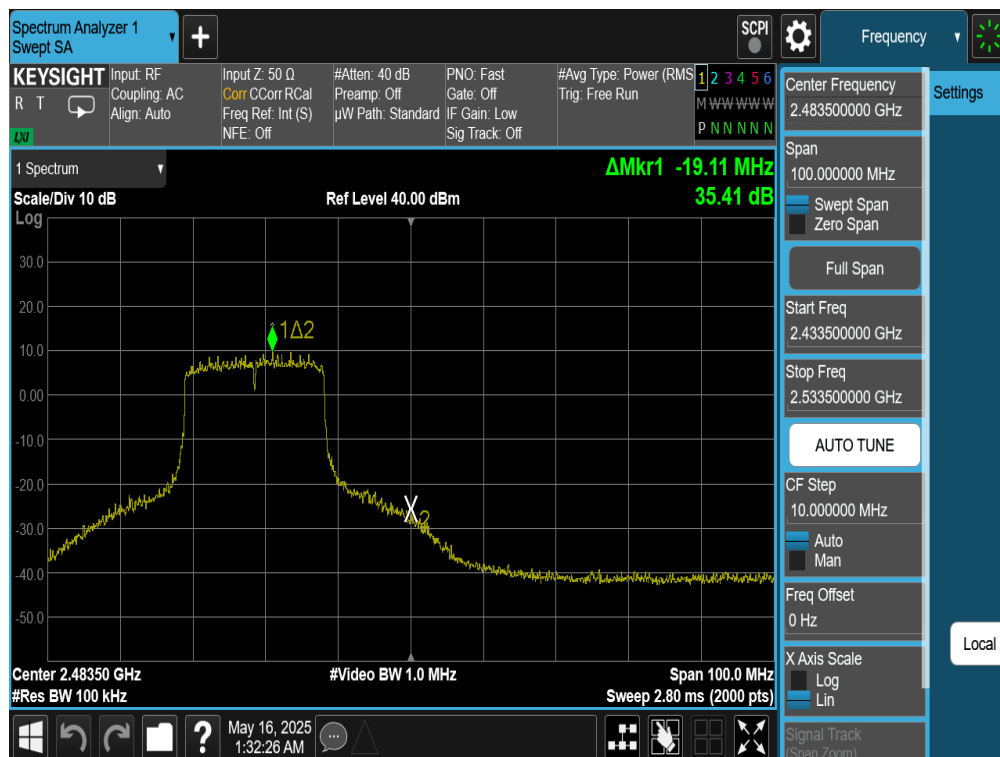
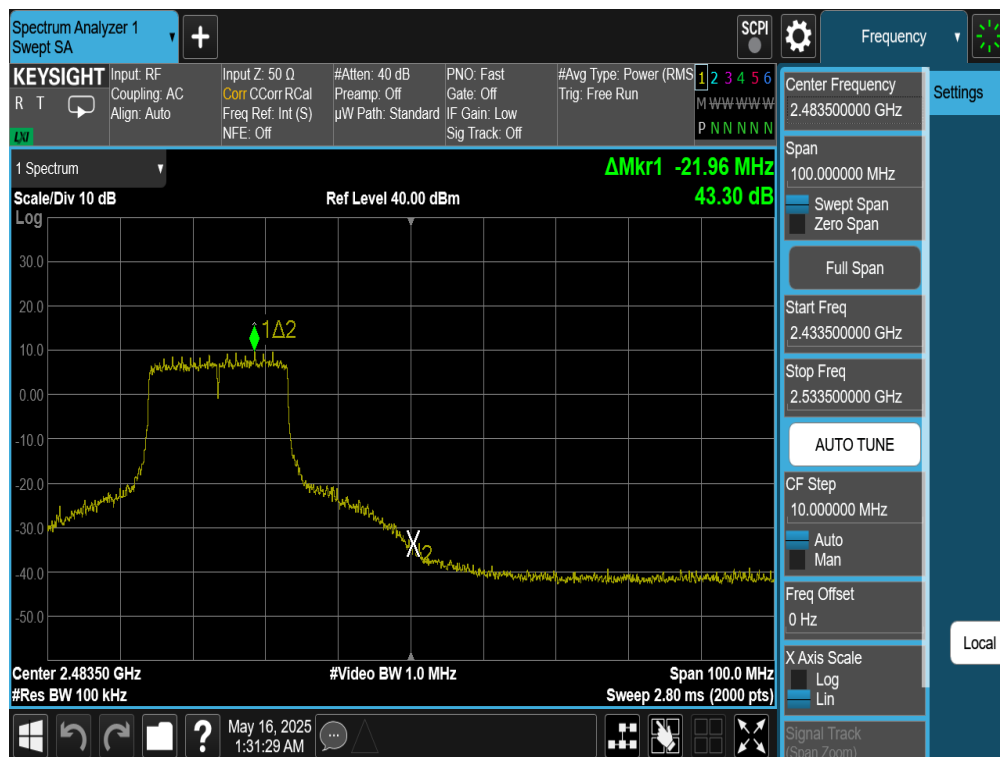


Plot 7-71. Band Edge Antenna WF7 (802.11be OFDMA – RU242 – Ch. 8)

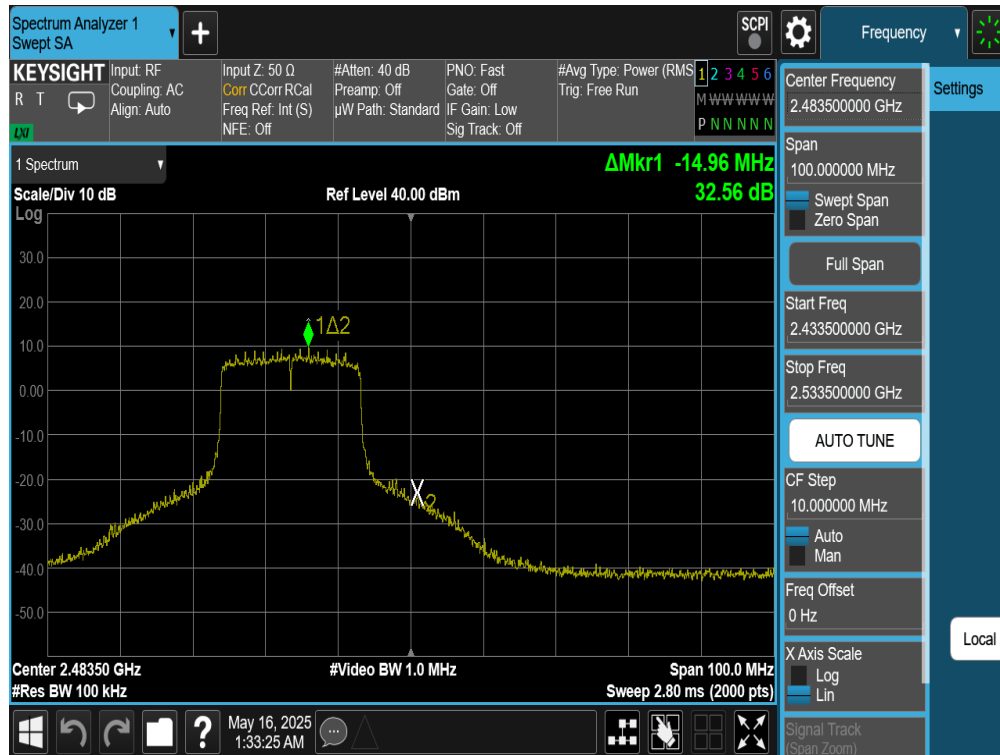


Plot 7-72. Band Edge Antenna WF7 (802.11be OFDMA – RU242 – Ch. 9)

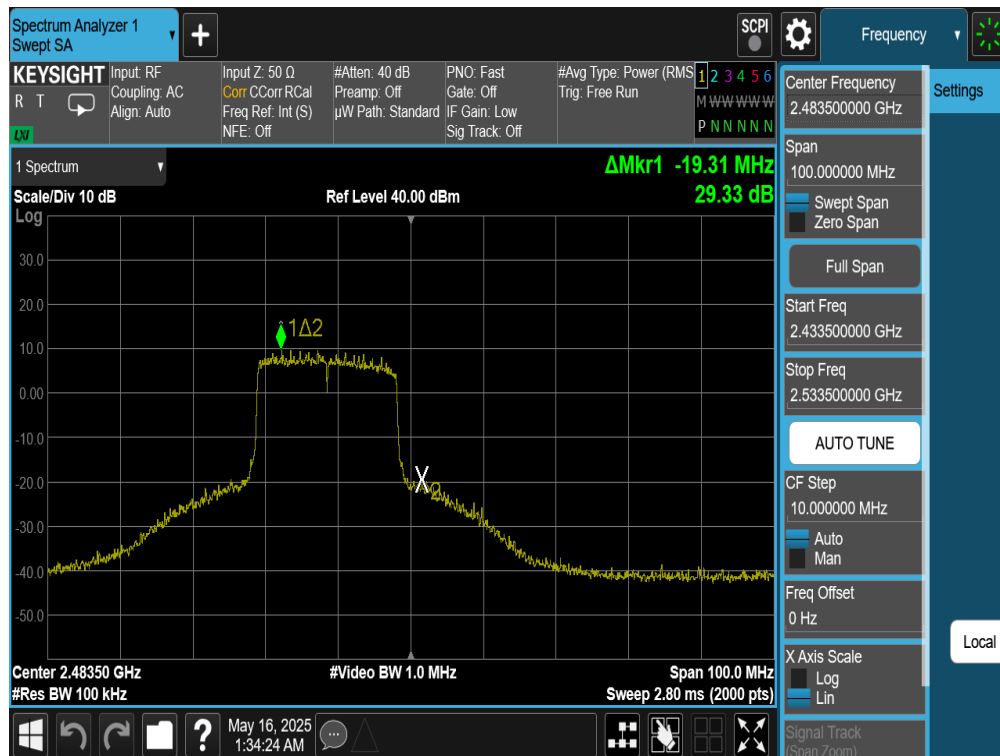
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 74 of 209



FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 75 of 209



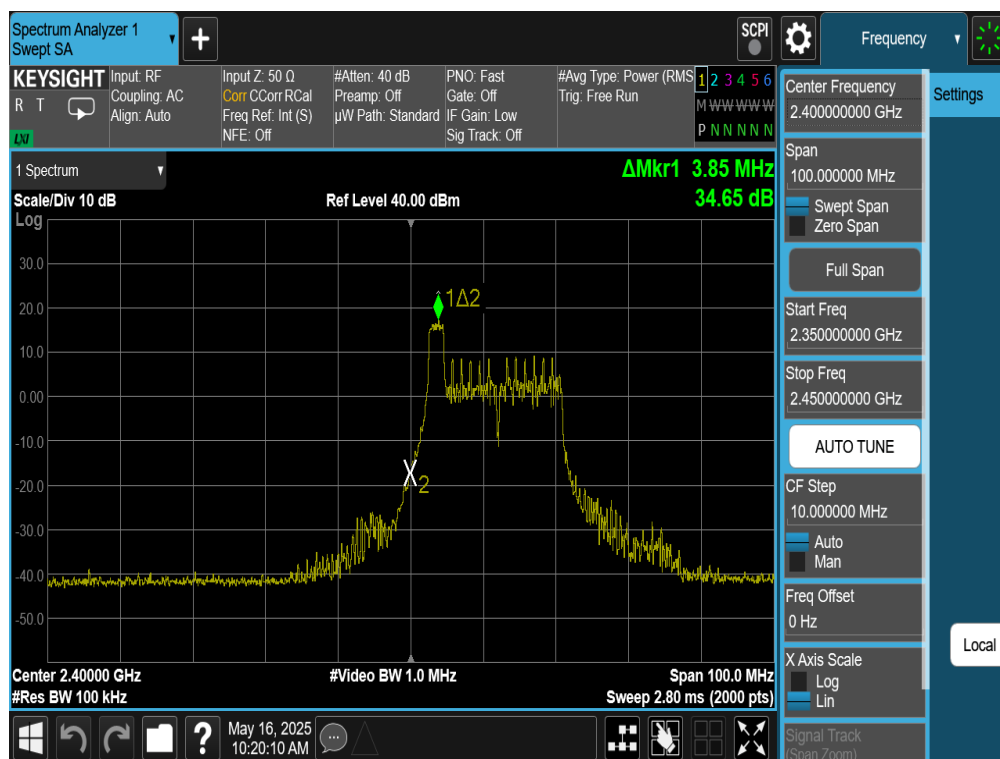
Plot 7-75. Band Edge Antenna WF7 (802.11be OFDMA – RU242 – Ch. 12)



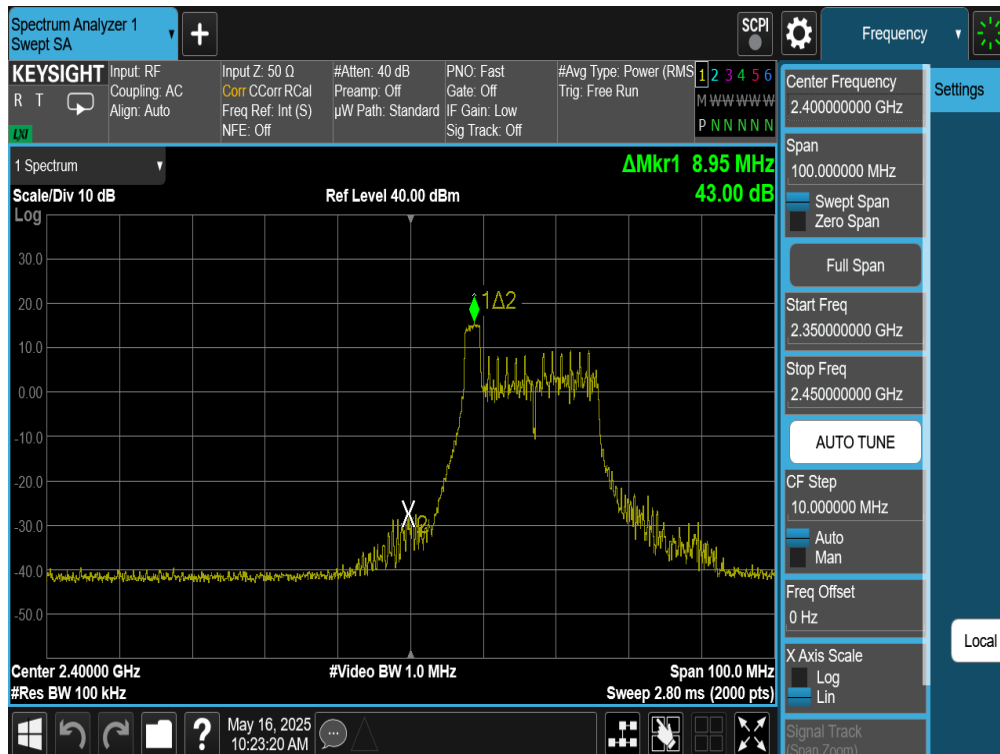
Plot 7-76. Band Edge Antenna WF7 (802.11be OFDMA – RU242 – Ch. 13)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 76 of 209

7.5.3 Antenna WF9 Conducted Emissions at the Band Edge



Plot 7-77. Band Edge Antenna WF9 (802.11be OFDMA – RU26 Index 0 – Ch. 1)

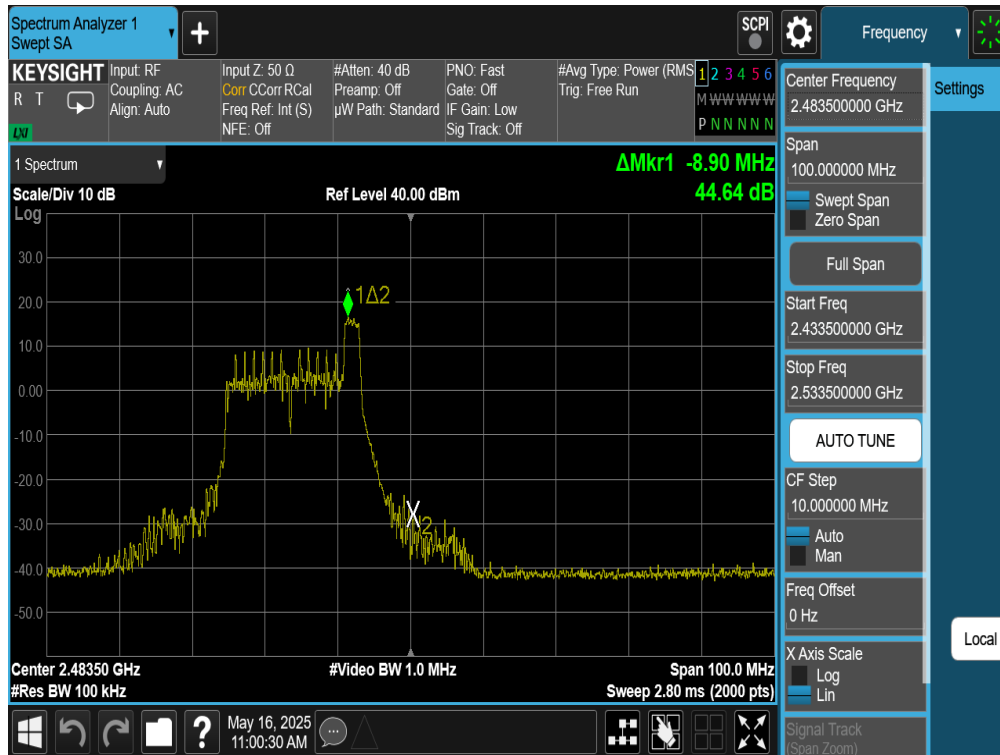


Plot 7-78. Band Edge Antenna WF9 (802.11be OFDMA – RU26 Index 0 – Ch. 2)

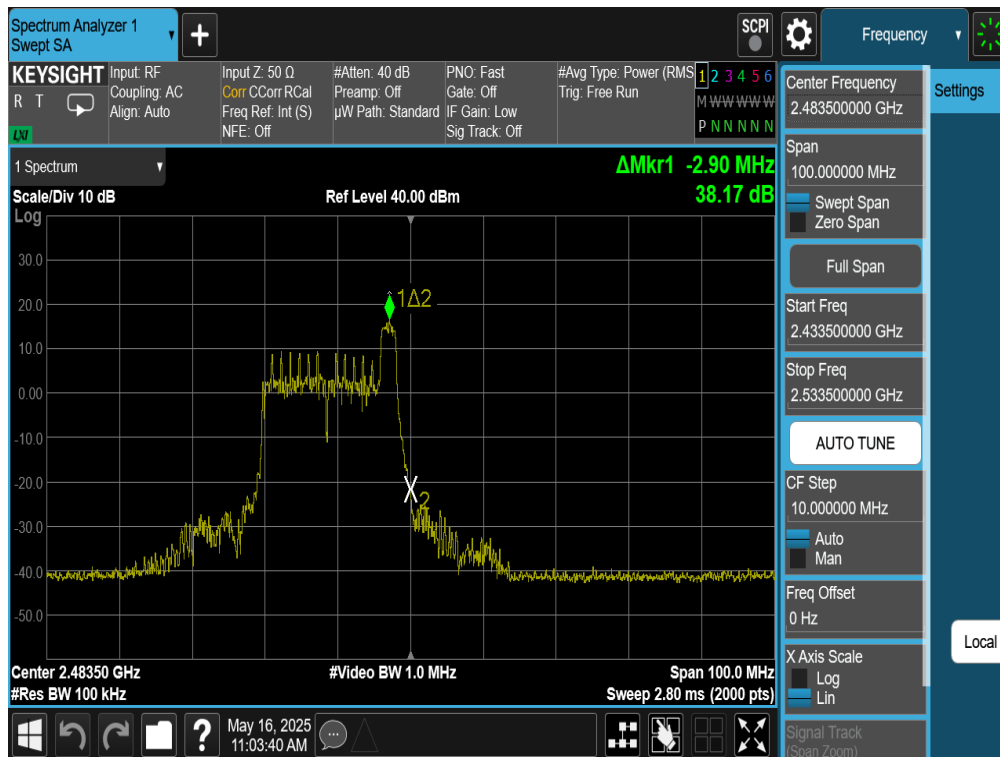
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 77 of 209

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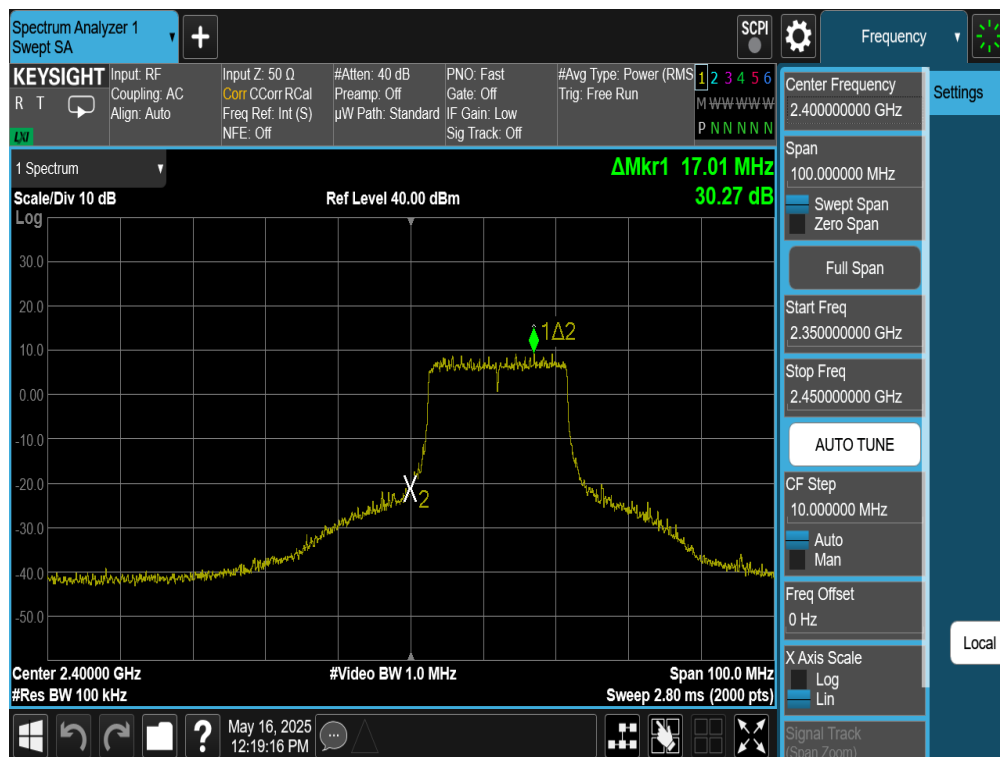


Plot 7-79. Band Edge Antenna WF9 (802.11be OFDMA – RU26 Index 8 – Ch. 12)

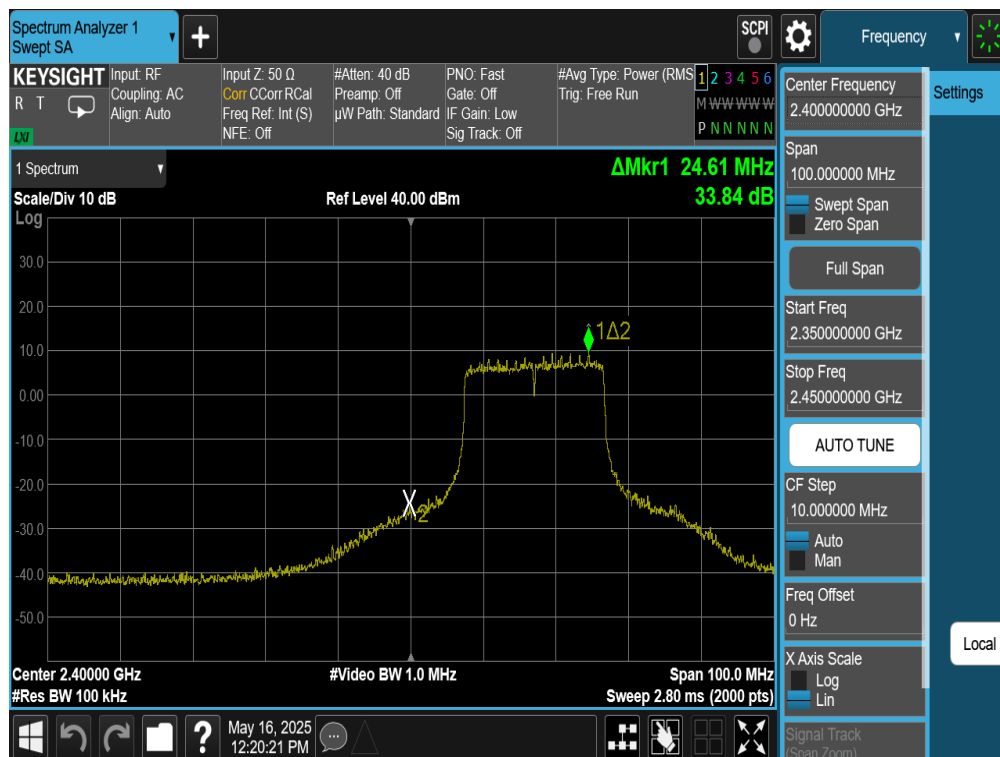


Plot 7-80. Band Edge Antenna WF9 (802.11be OFDMA – RU26 Index 8 – Ch. 13)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 78 of 209

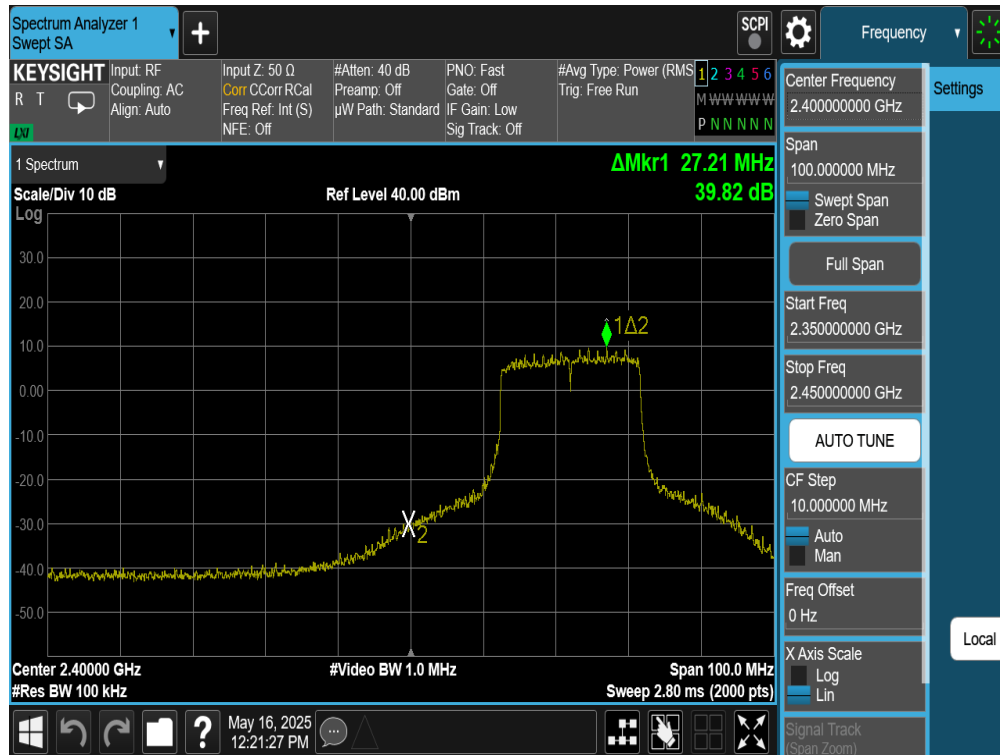


Plot 7-81. Band Edge Antenna WF9 (802.11be OFDMA – RU242 – Ch. 1)

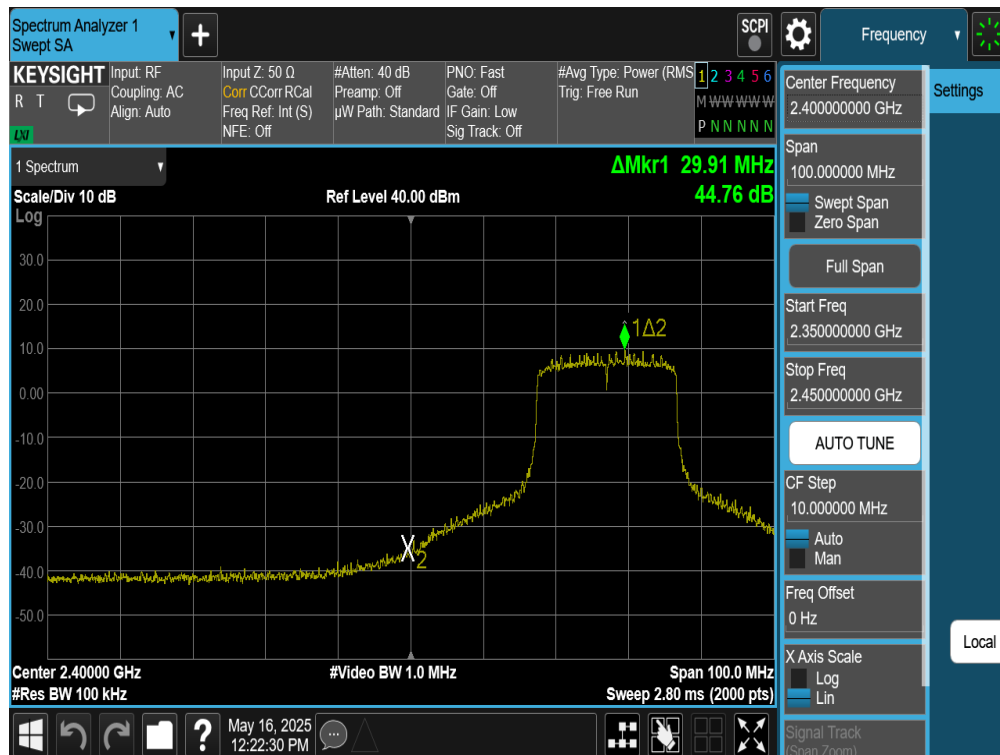


Plot 7-82. Band Edge Antenna WF9 (802.11be OFDMA – RU242 – Ch. 2)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 79 of 209

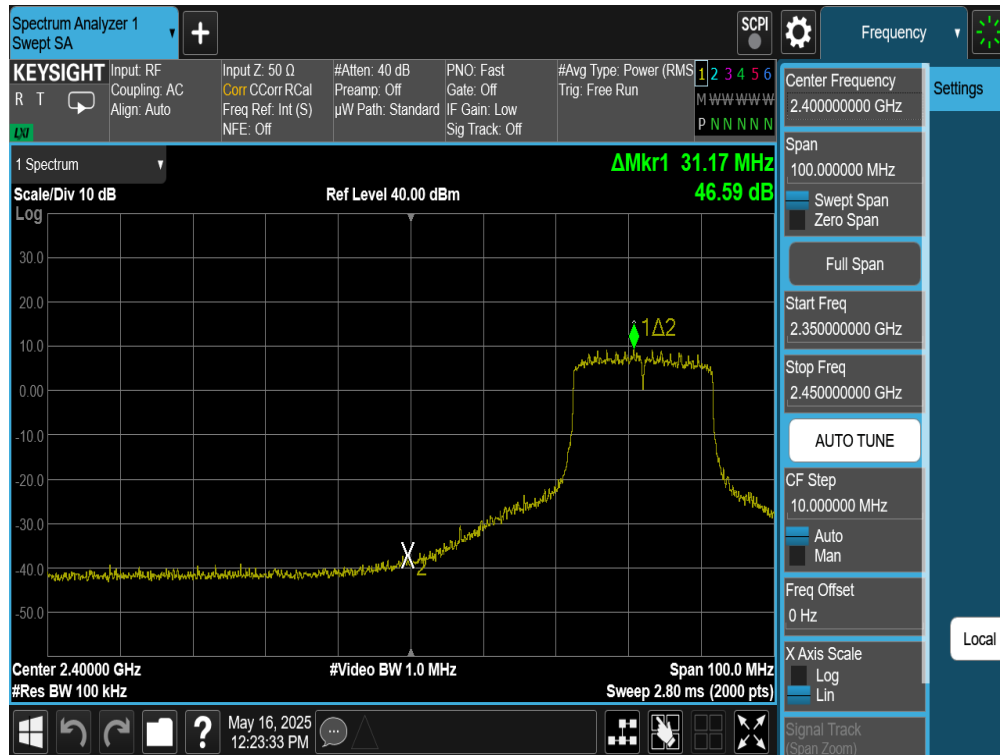


Plot 7-83. Band Edge Antenna WF9 (802.11be OFDMA – RU242 – Ch. 3)

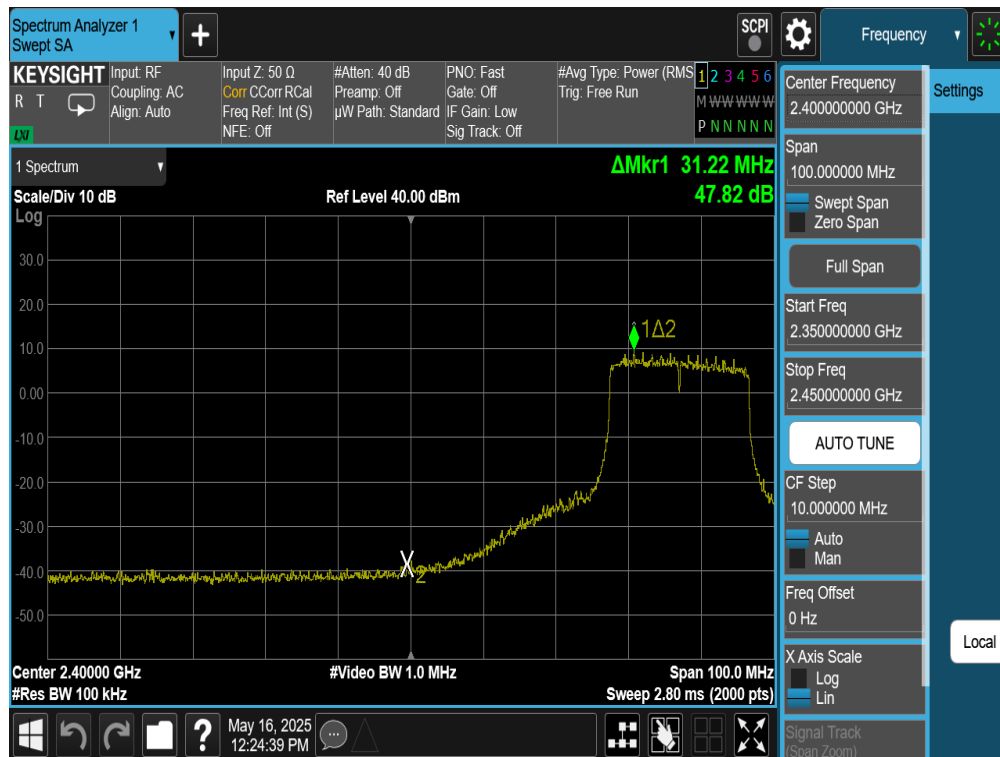


Plot 7-84. Band Edge Antenna WF9 (802.11be OFDMA – RU242 – Ch. 4)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 80 of 209

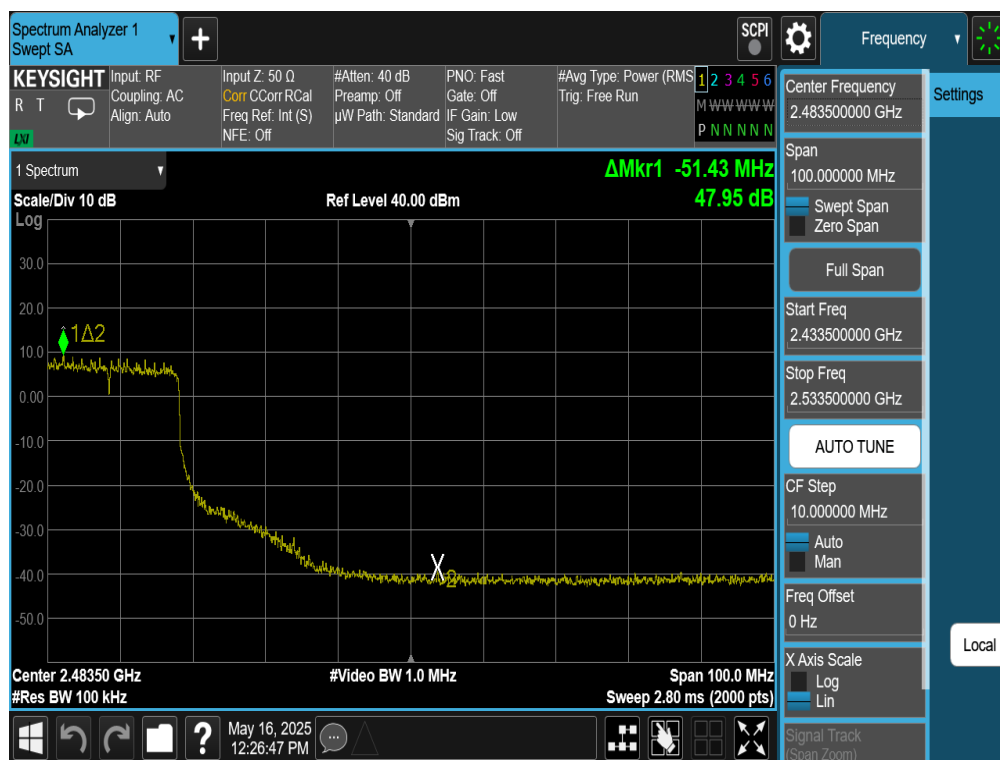
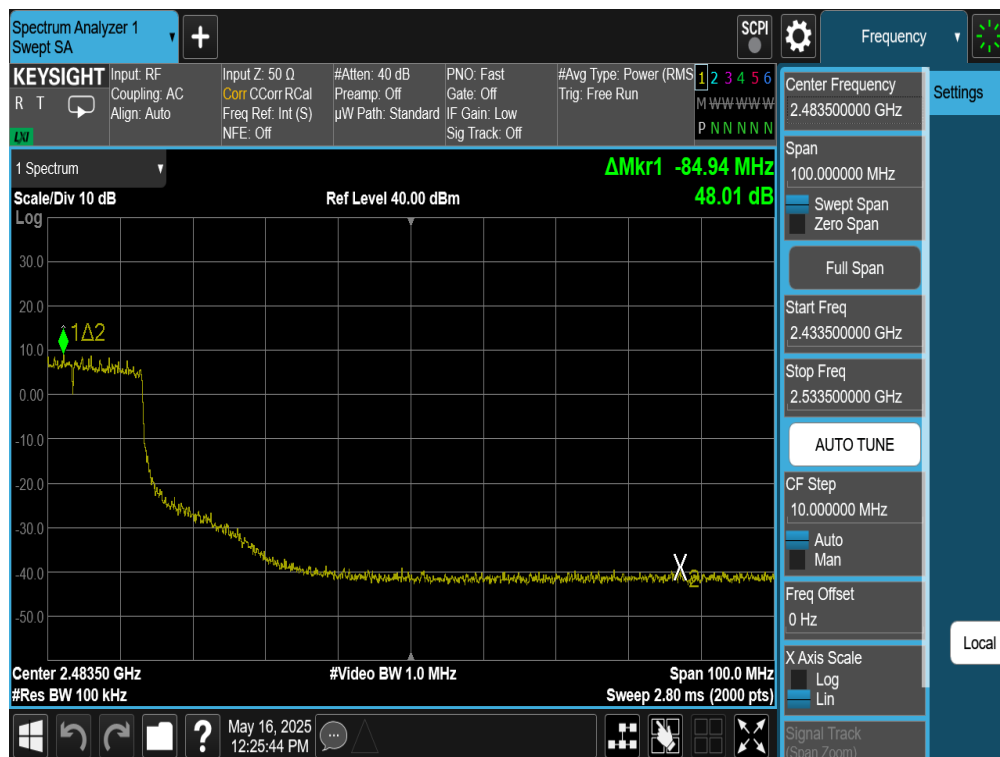


Plot 7-85. Band Edge Antenna WF9 (802.11be OFDMA – RU242 – Ch. 5)

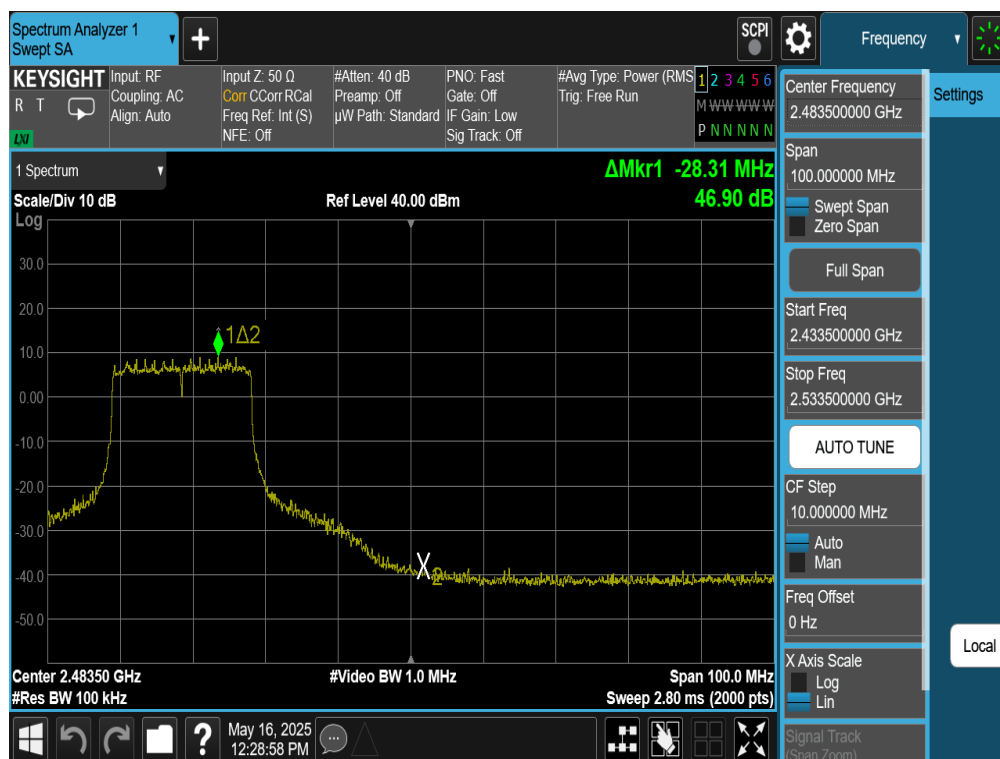
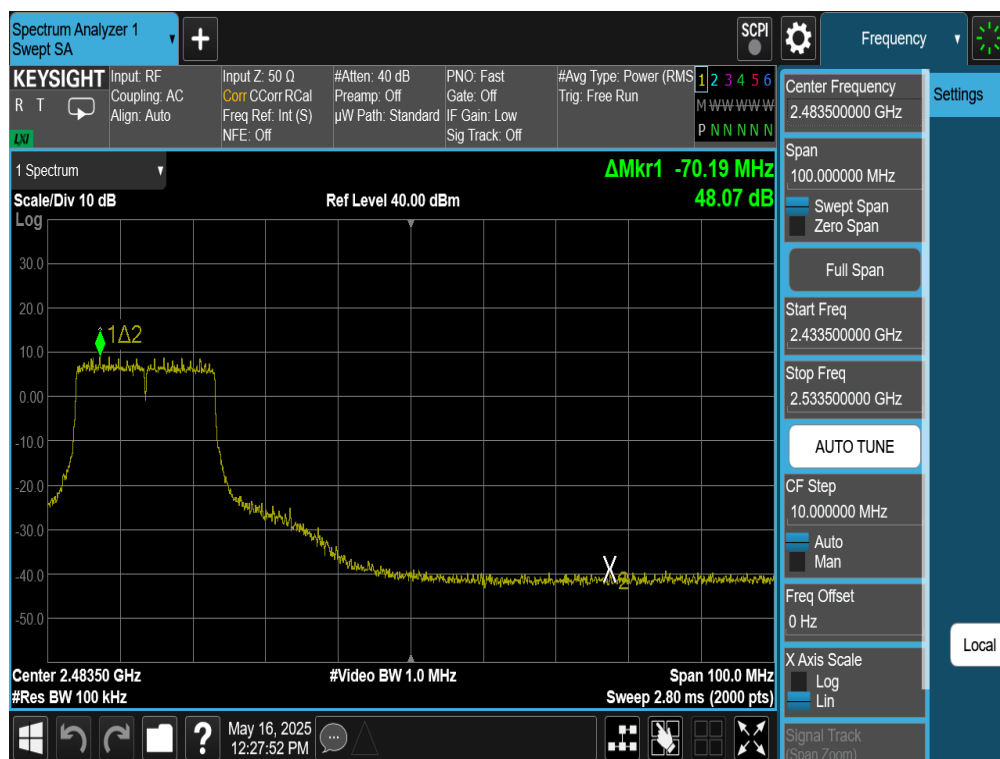


Plot 7-86. Band Edge Antenna WF9 (802.11be OFDMA – RU242 – Ch. 6(Low Channel))

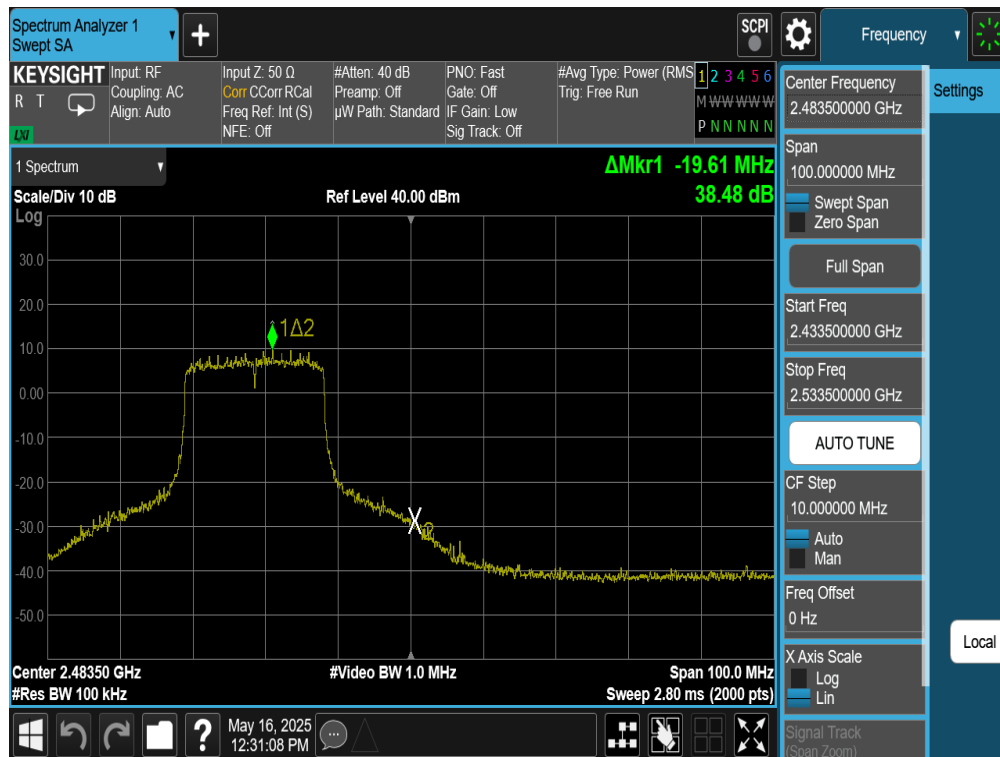
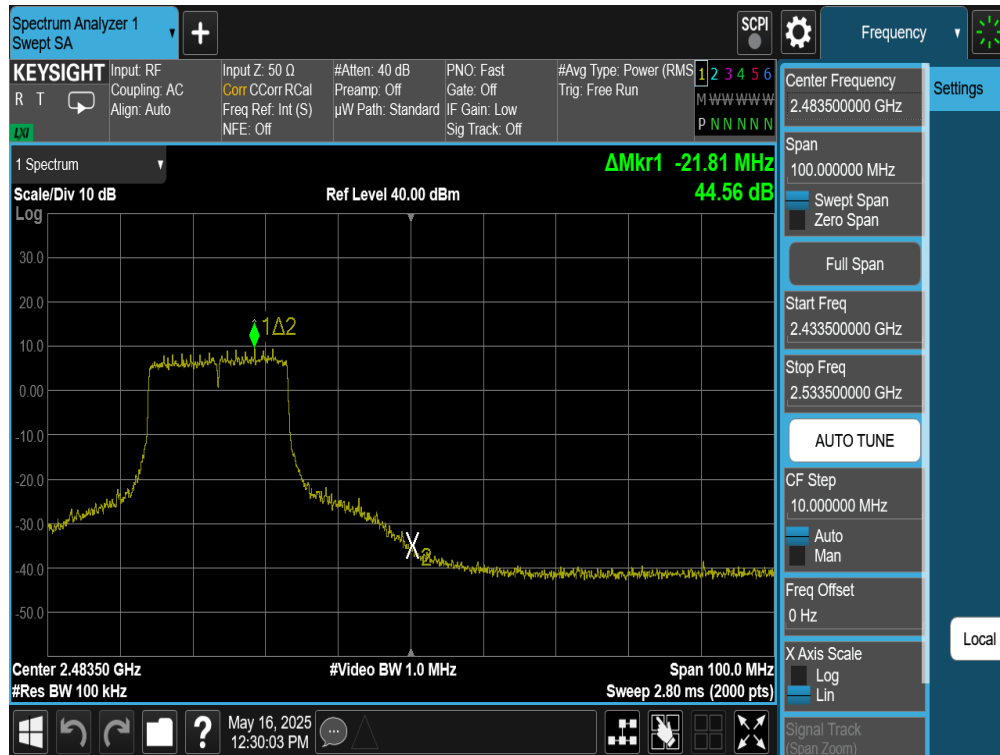
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 81 of 209



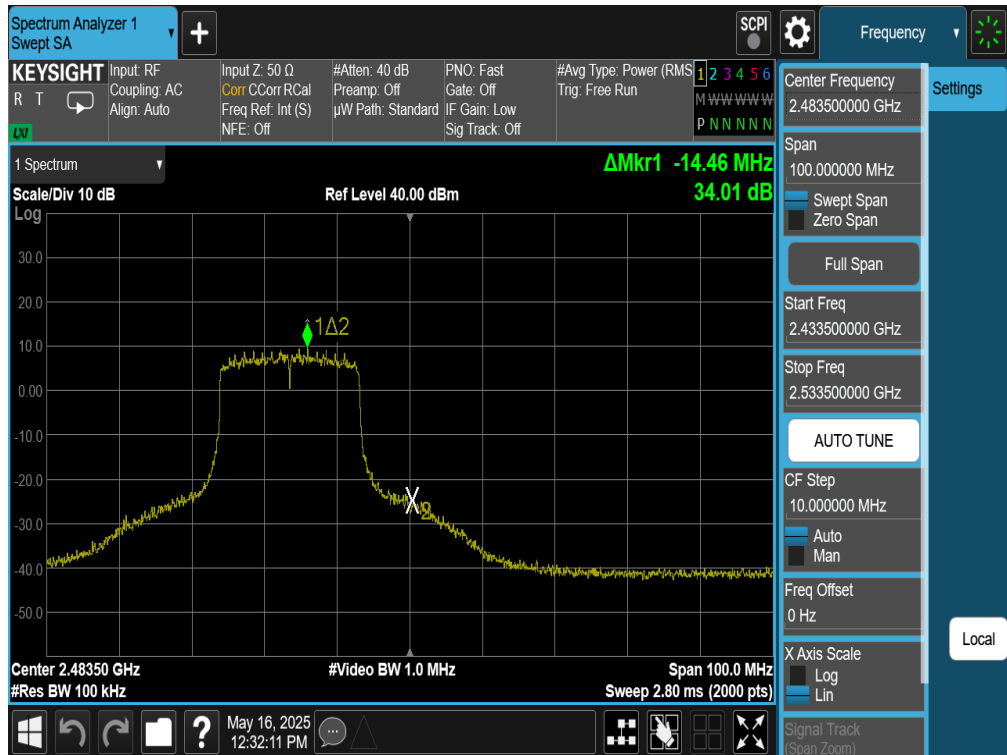
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 82 of 209



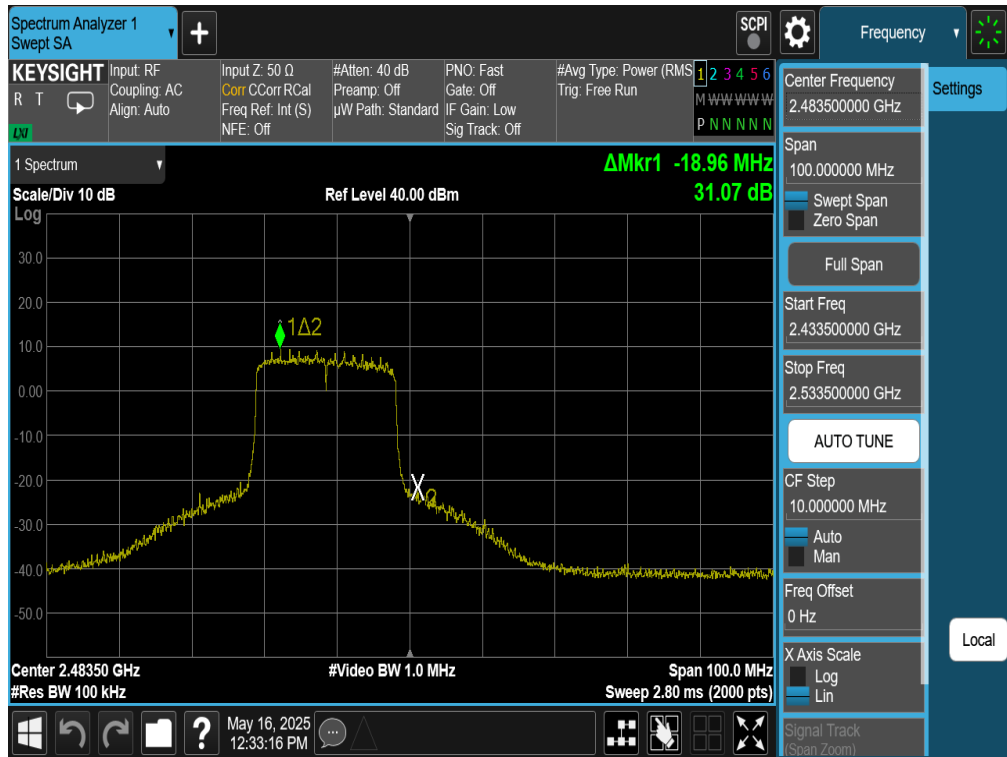
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 83 of 209



FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-93. Band Edge Antenna WF9 (802.11be OFDMA – RU242 – Ch. 12)



Plot 7-94. Band Edge Antenna WF9 (802.11be OFDMA – RU242 – Ch. 13)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-06-R1.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 85 of 209

7.6 Conducted Spurious Emissions

§15.247(d); RSS-247 [5.5]

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 MCS5 in 802.11be-RU mode as this setting produced the worst-case emissions.

The limit for out-of-band spurious emissions at the band edge is 20dB 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 Subclause 11.11 of ANSI C63.10-2020 and KDB 558074 D01 v05r02.

Test Procedure Used

ANSI C63.10-2020 – Subclause 11.11.3
KDB 558074 D01 v05r02 – Section 8.5
ANSI C63.10-2020 – Subclause 14.3.3
KDB 662911 D01 v02r01 – Section E)3)b)

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 = mbe 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: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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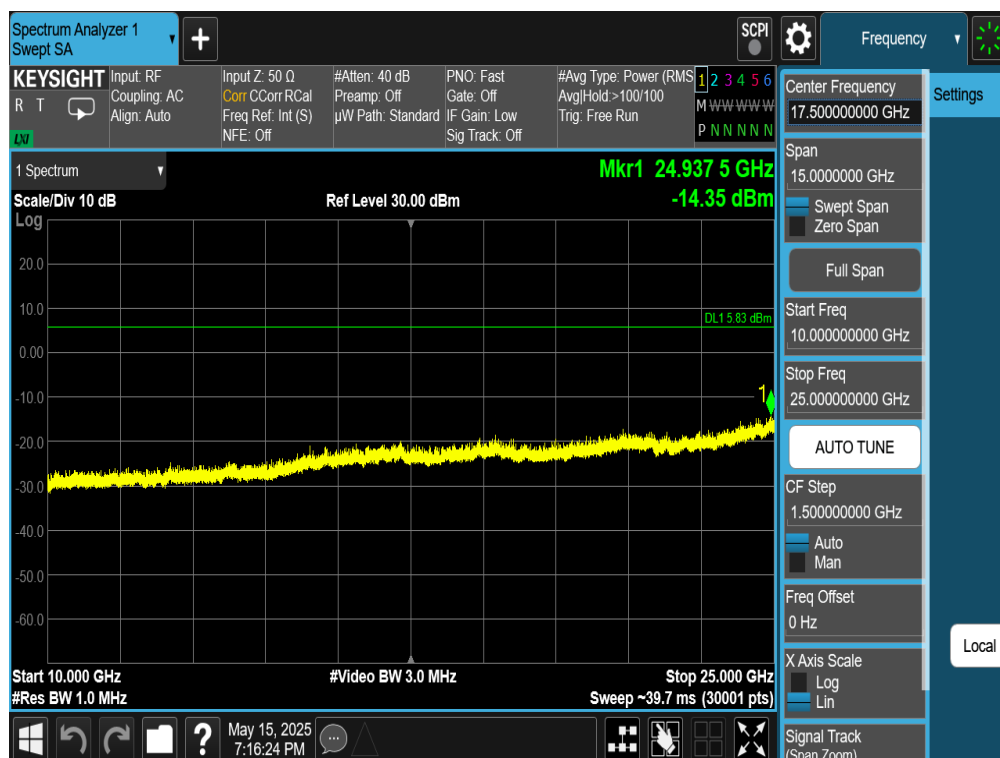
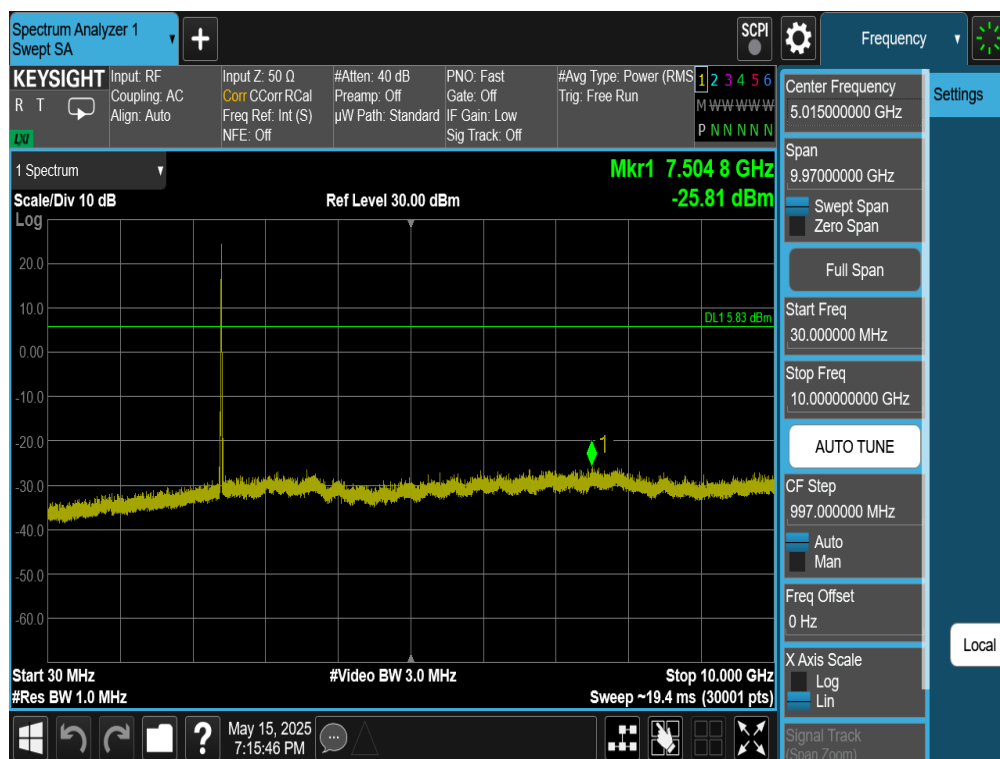
Test Notes

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 20dB 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 20dB 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 C63.10-2020 and KDB 662911 D01 v02r01 Section E)3)b), it was unnecessary to show compliance through the summation of test results of the individual outputs.
5. All antenna configurations and data rates were investigated and only the worst case are reported.
6. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's are reported.

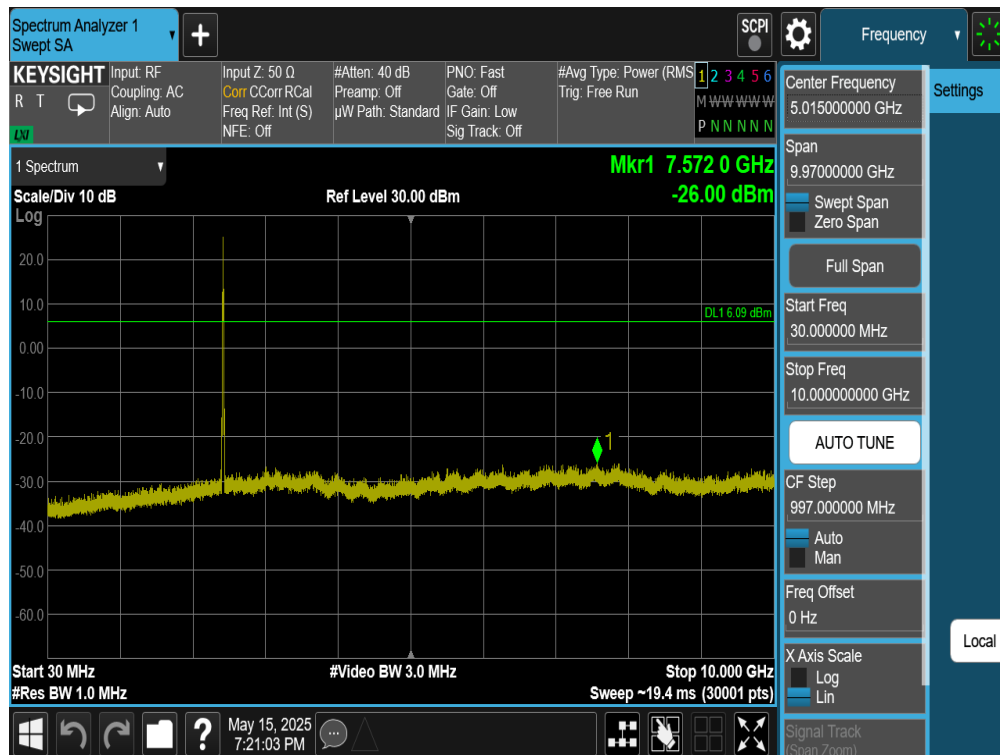
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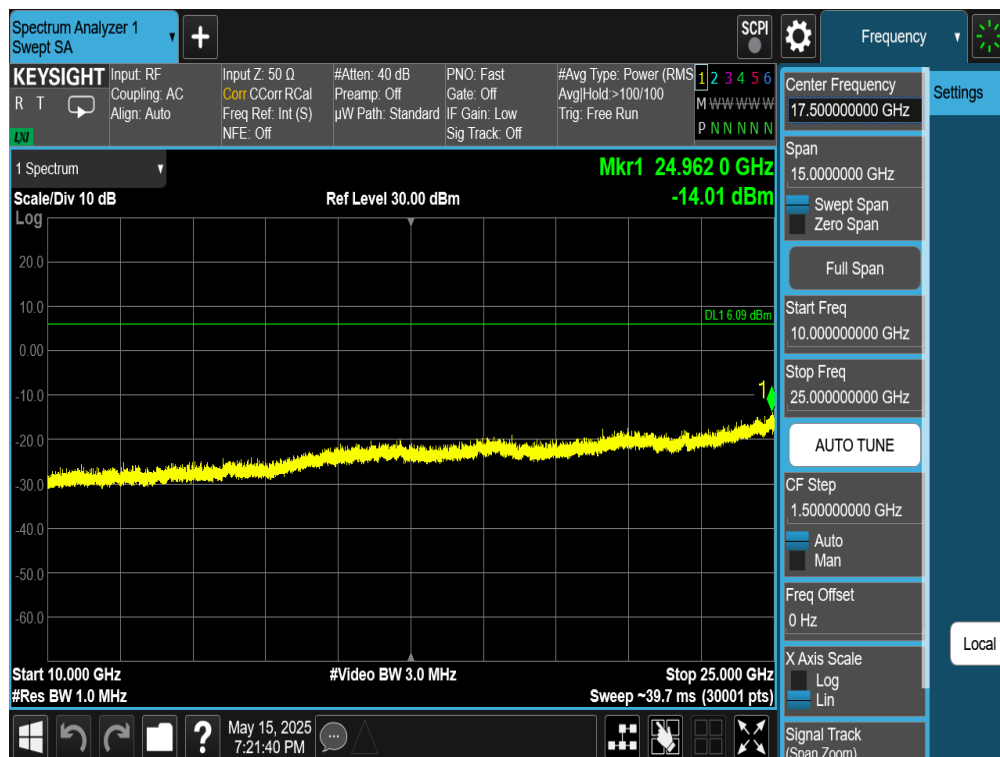
7.6.1 Antenna WF8 Conducted Spurious Emission



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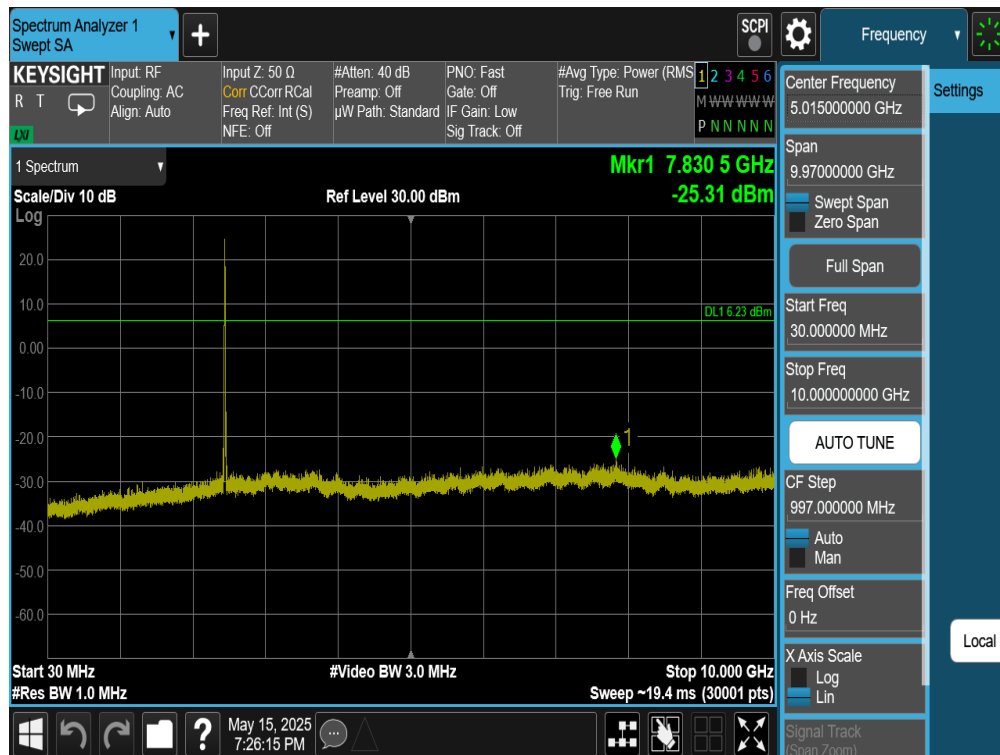


Plot 7-97. Conducted Spurious Plot Antenna WF8 (802.11be OFDMA – RU26 – Ch. 6)

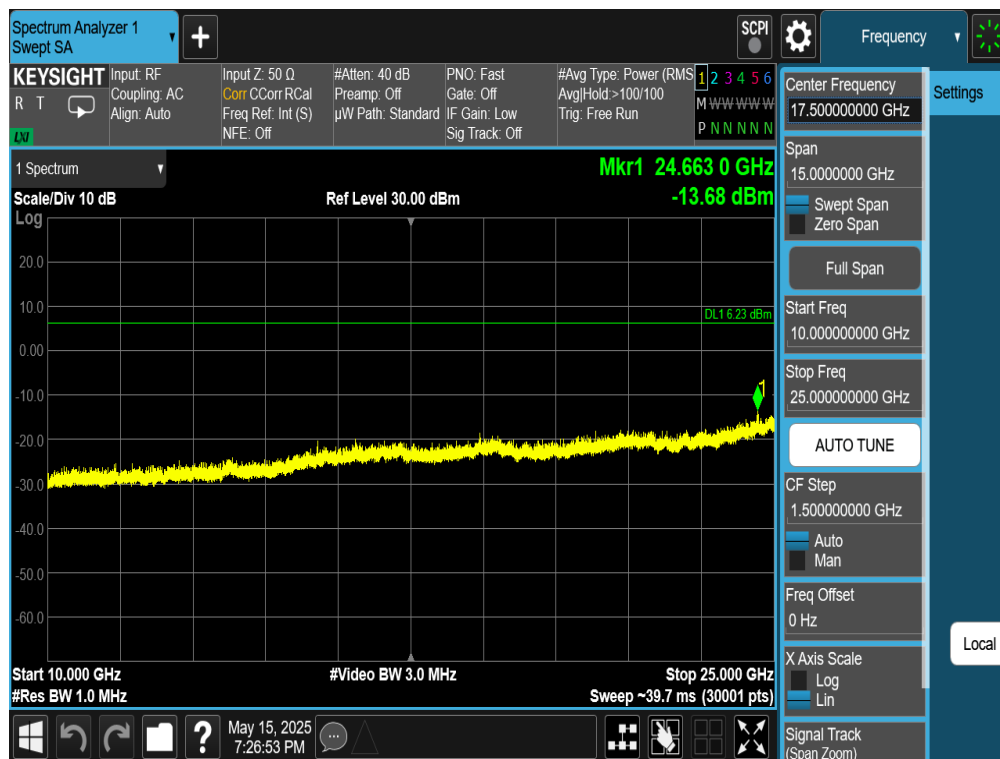


Plot 7-98. Conducted Spurious Plot Antenna WF8 (802.11be OFDMA – RU26 – Ch. 6)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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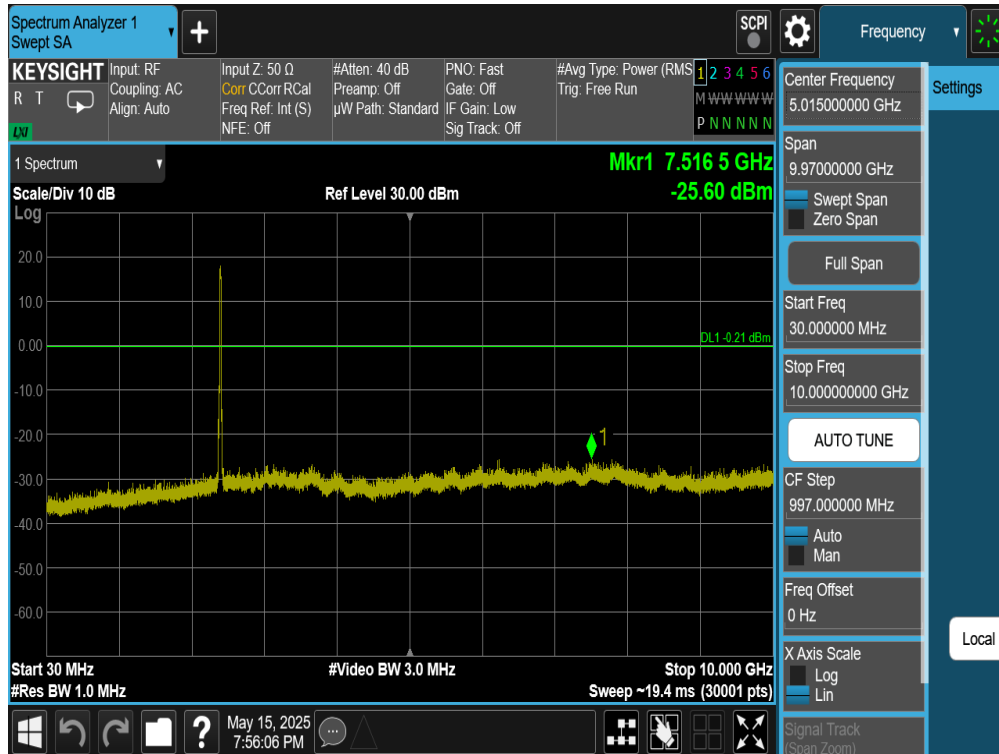


Plot 7-99. Conducted Spurious Plot Antenna WF8 (802.11be OFDMA – RU26 – Ch. 11)

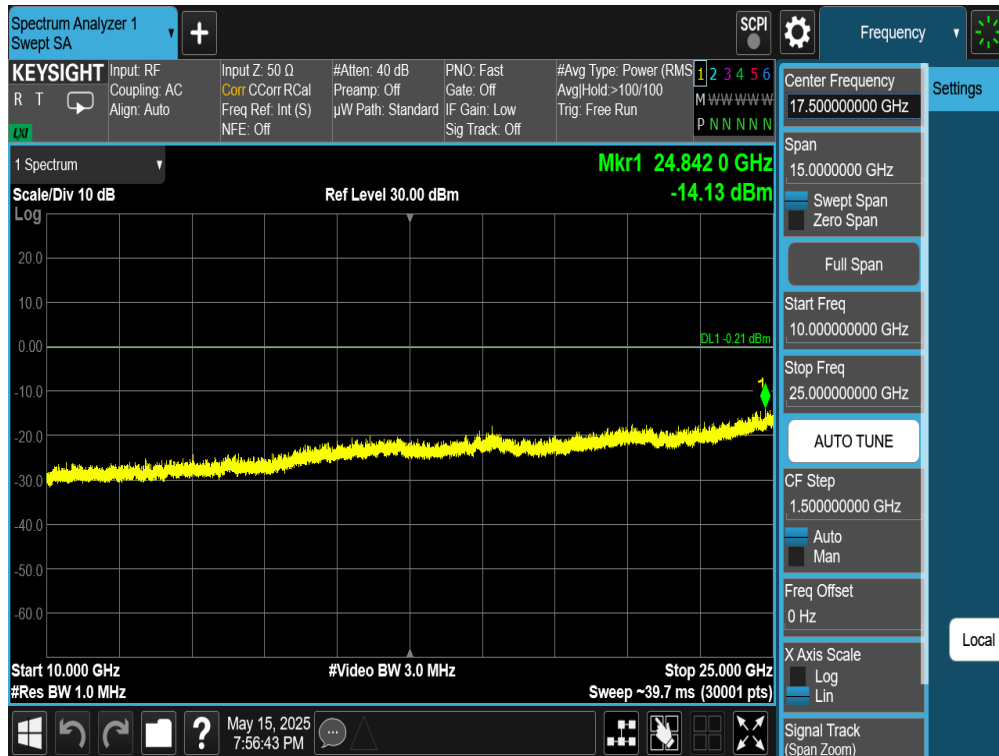


Plot 7-100. Conducted Spurious Plot Antenna WF8 (802.11be OFDMA – RU26 – Ch. 11)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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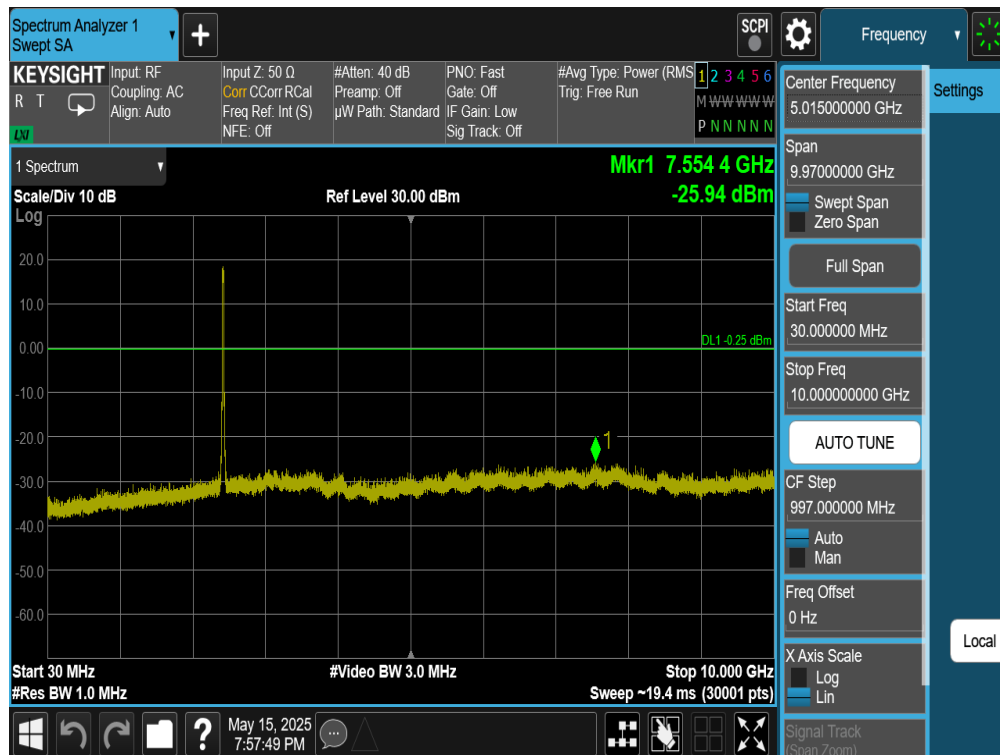


Plot 7-101. Conducted Spurious Plot Antenna WF8 (802.11be OFDMA – RU242 – Ch. 1)

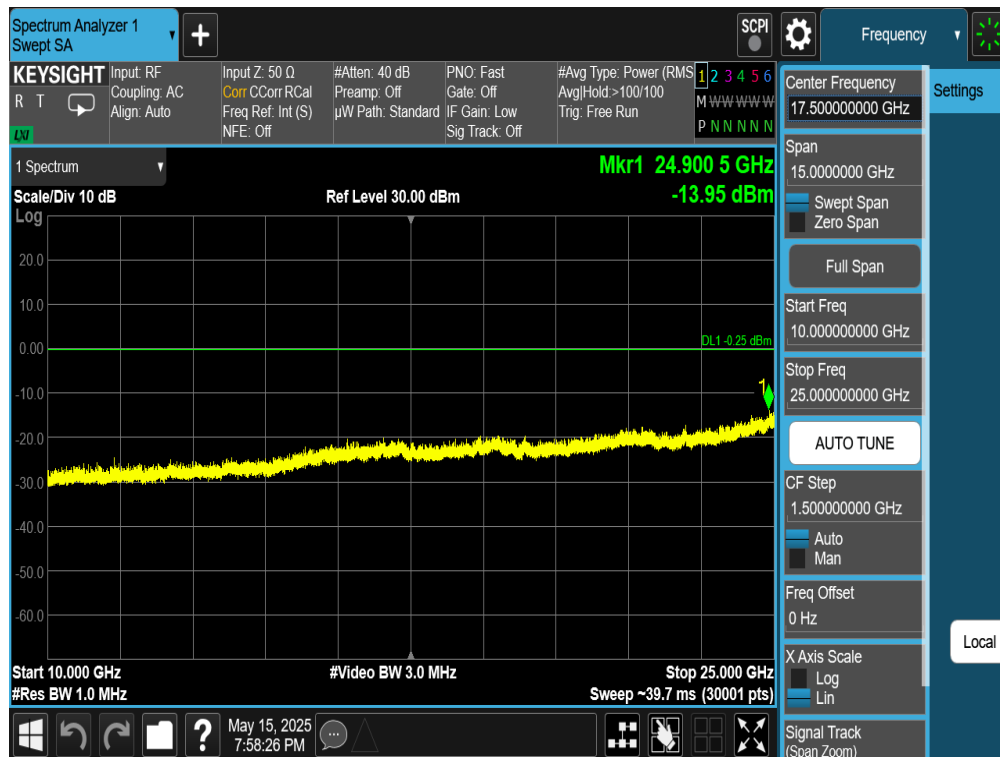


Plot 7-102. Conducted Spurious Plot Antenna WF8 (802.11be OFDMA – RU242 – Ch. 1)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-103. Conducted Spurious Plot Antenna WF8 (802.11be OFDMA – RU242 – Ch. 6)



Plot 7-104. Conducted Spurious Plot Antenna WF8 (802.11be OFDMA – RU242 – Ch. 6)

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