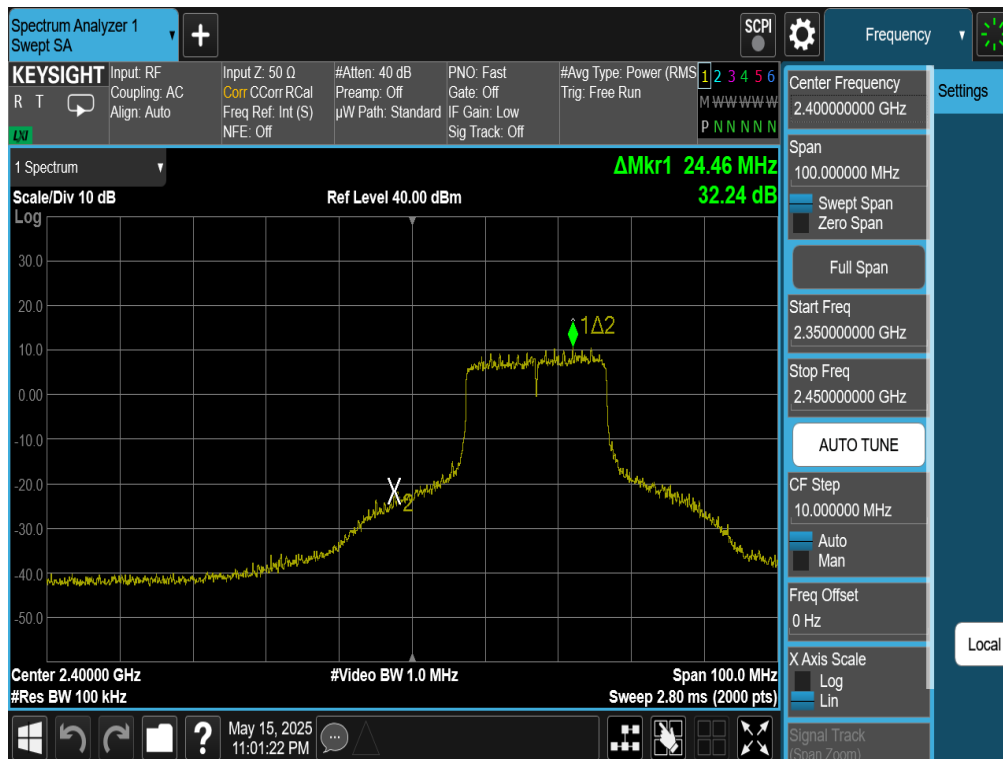
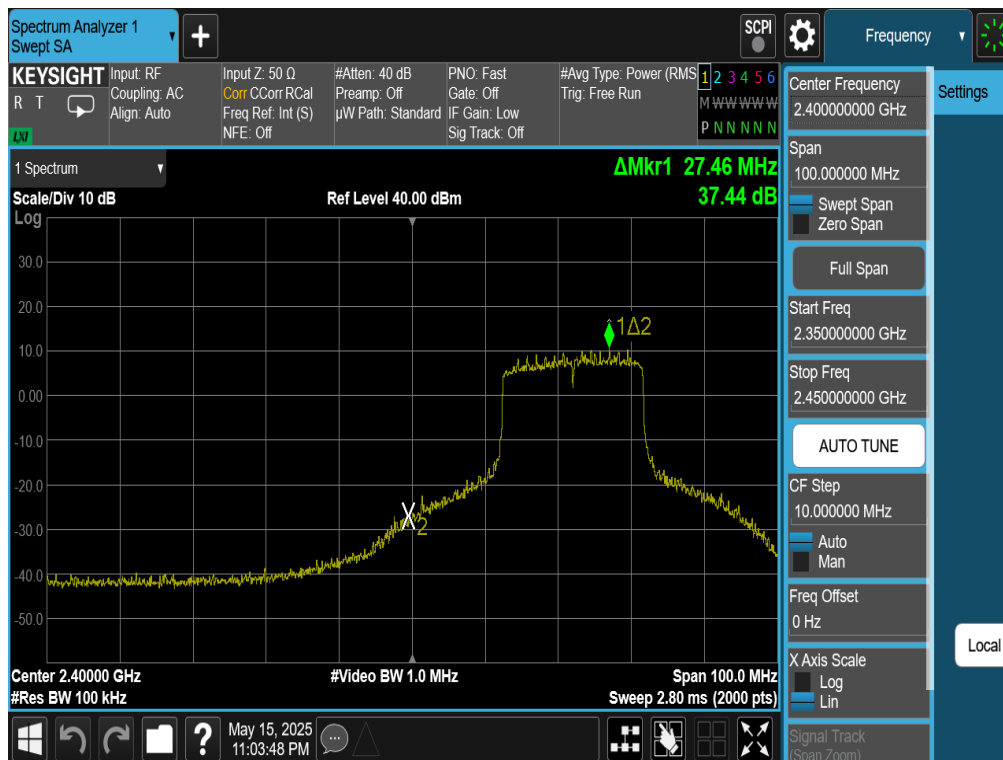




Plot 7-121. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 2)

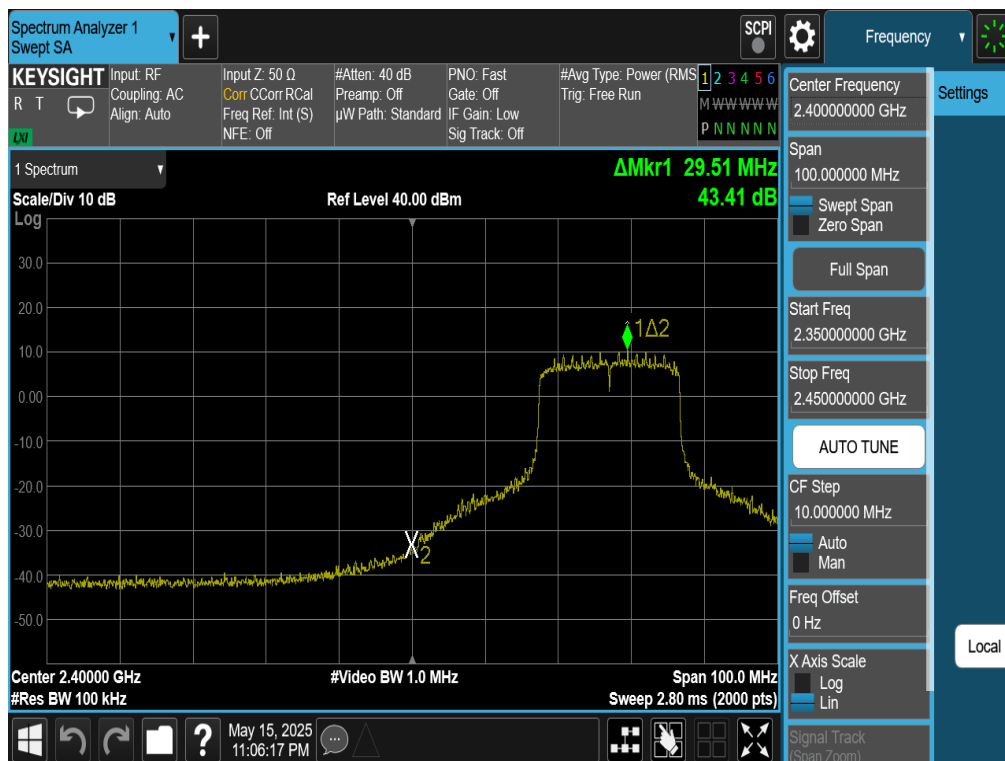


Plot 7-122. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 3)

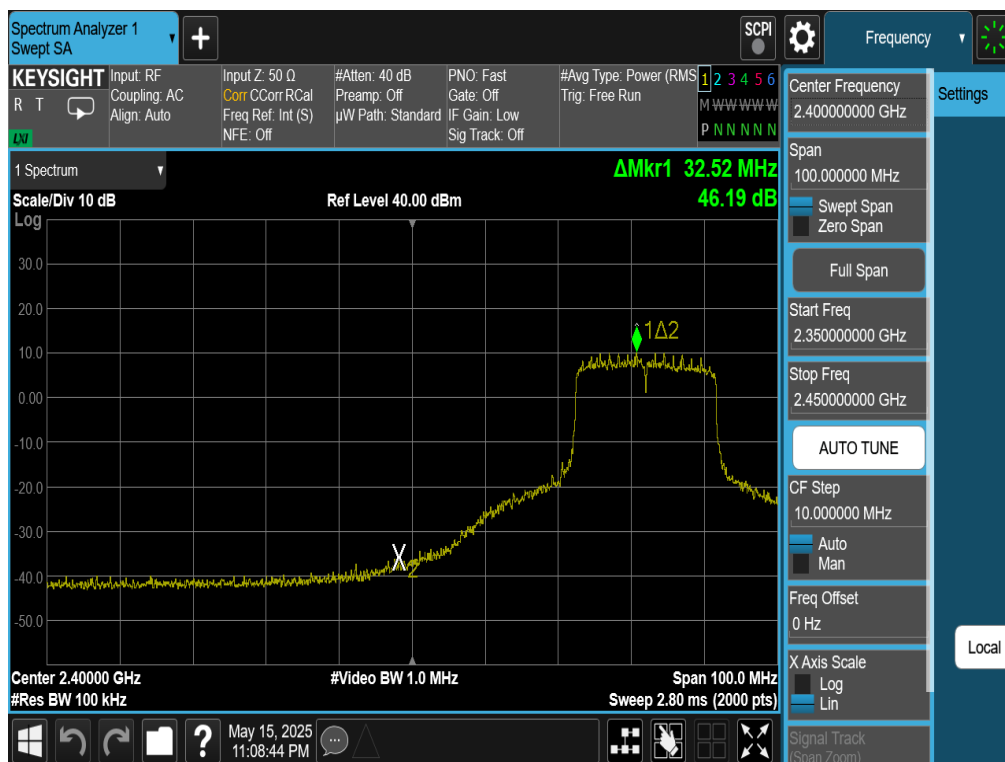
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 101 of 263

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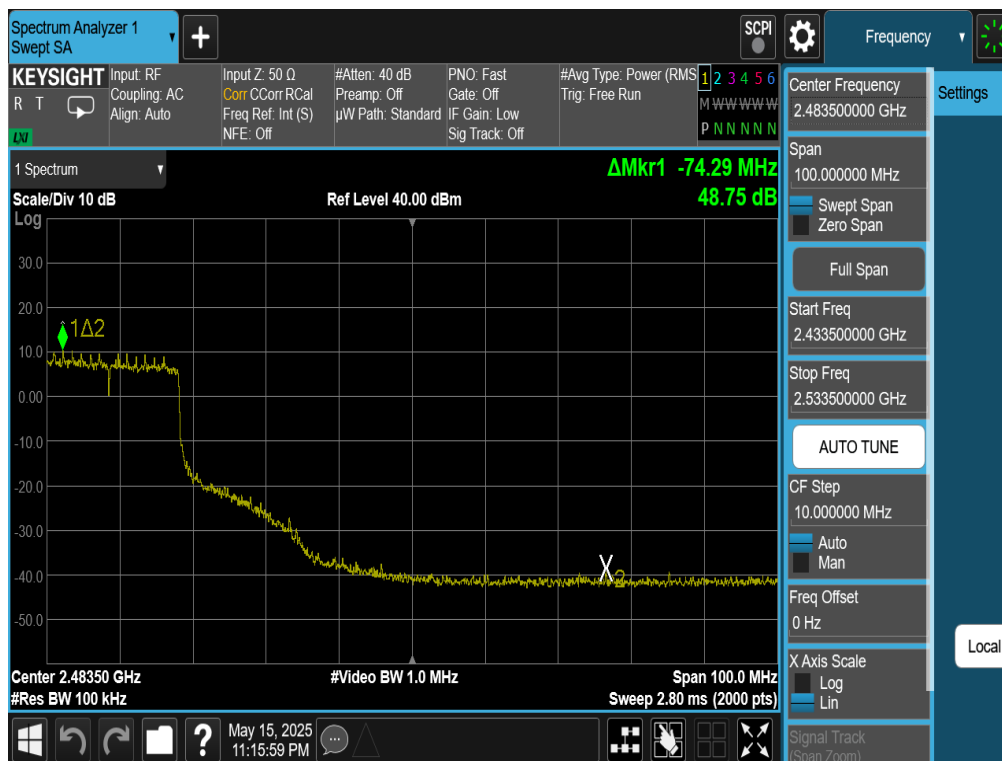
Plot 7-123. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 4)



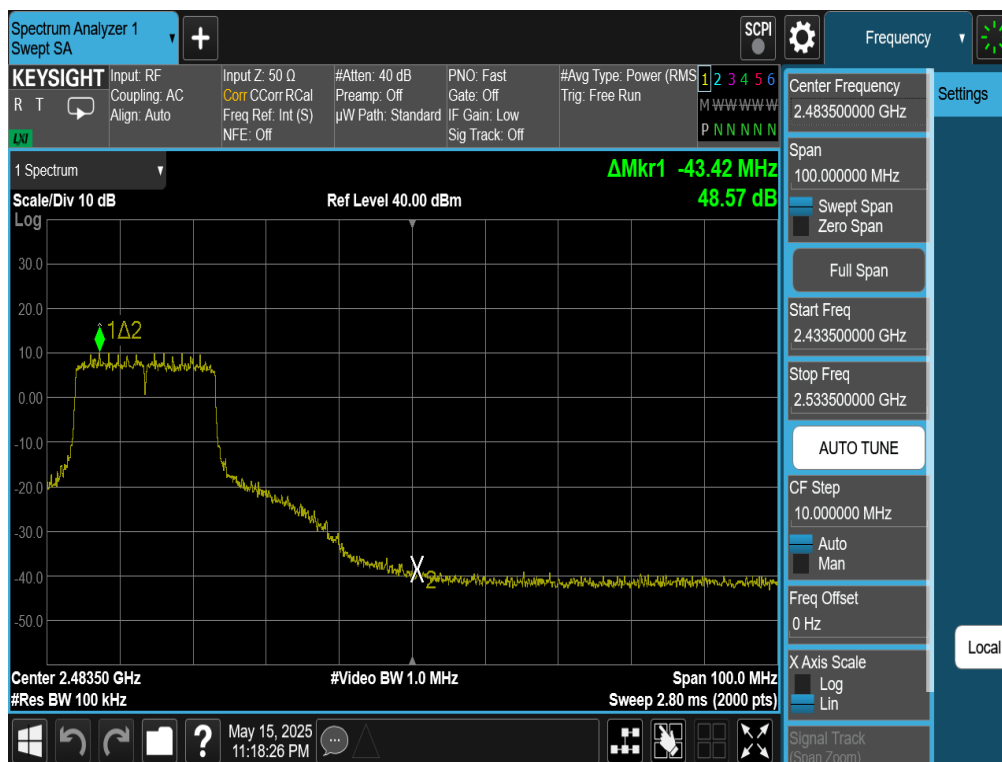
Plot 7-124. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 5)

FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 102 of 263

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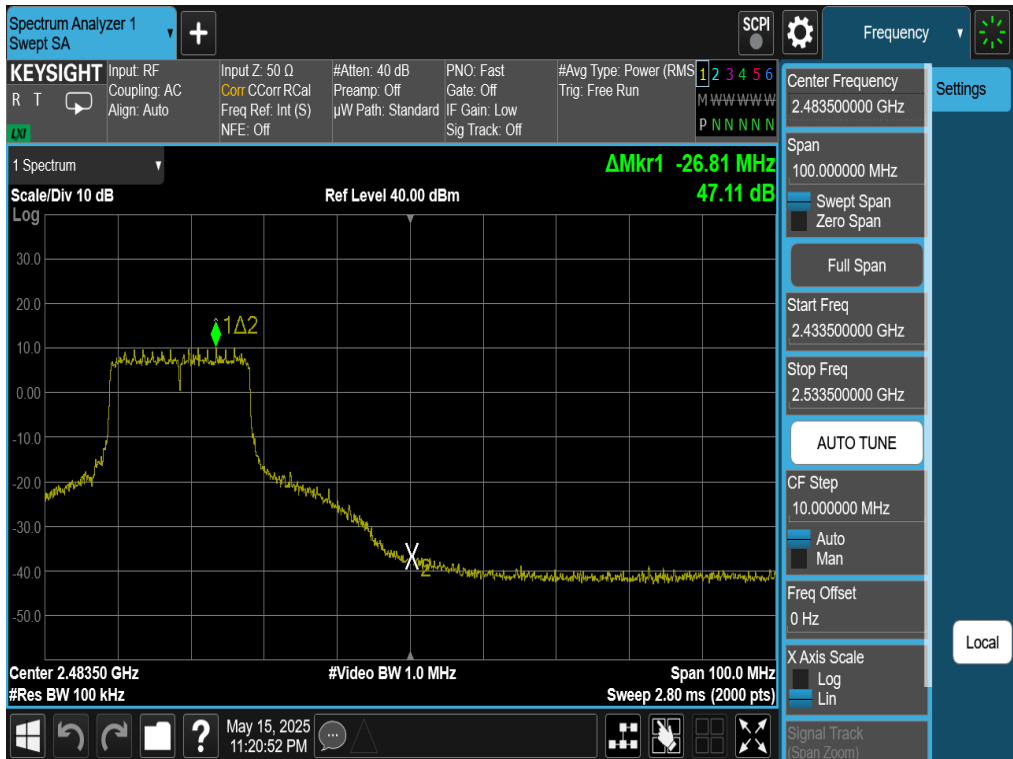


Plot 7-125. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 7)

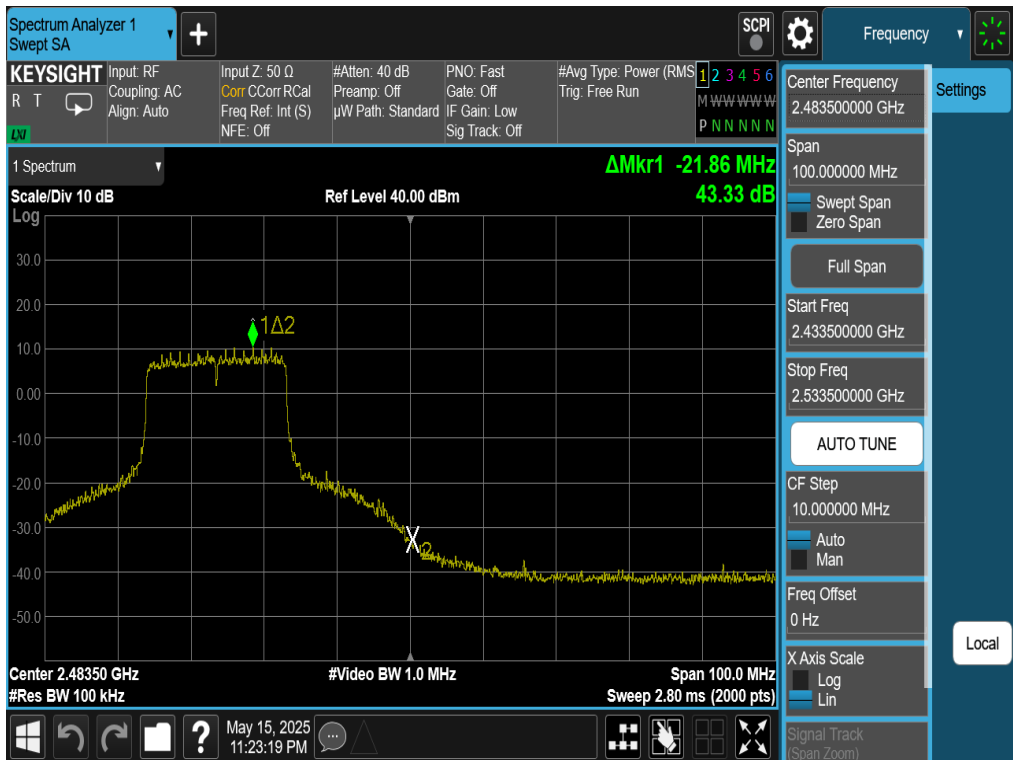


Plot 7-126. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 8)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 103 of 263

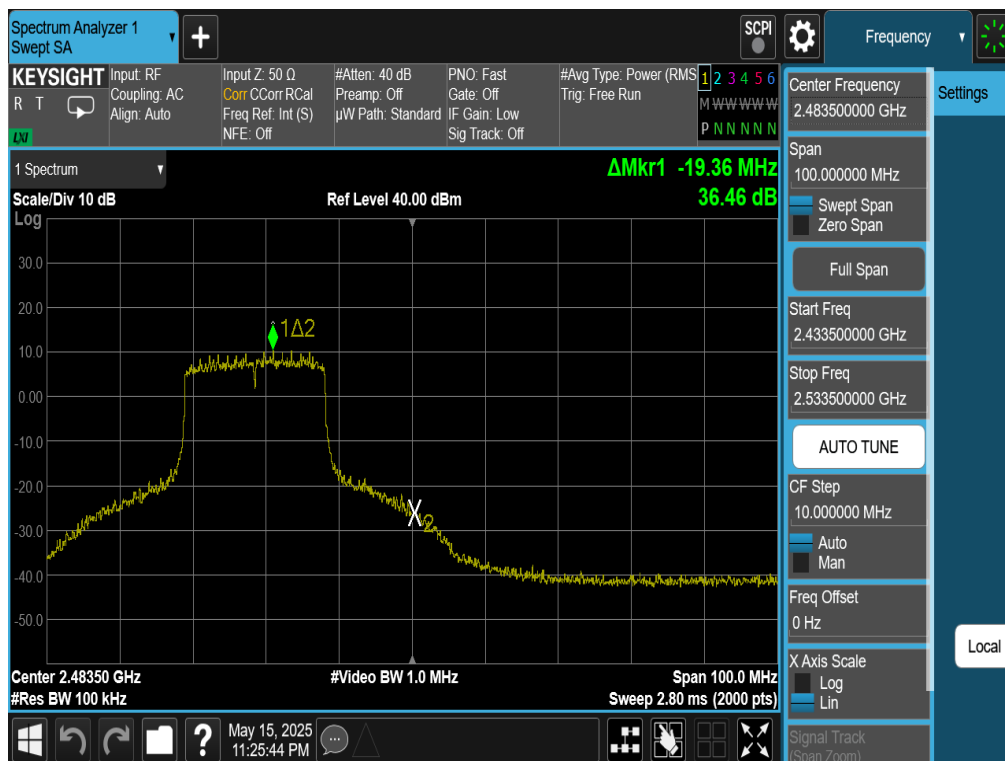


Plot 7-127. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 9)

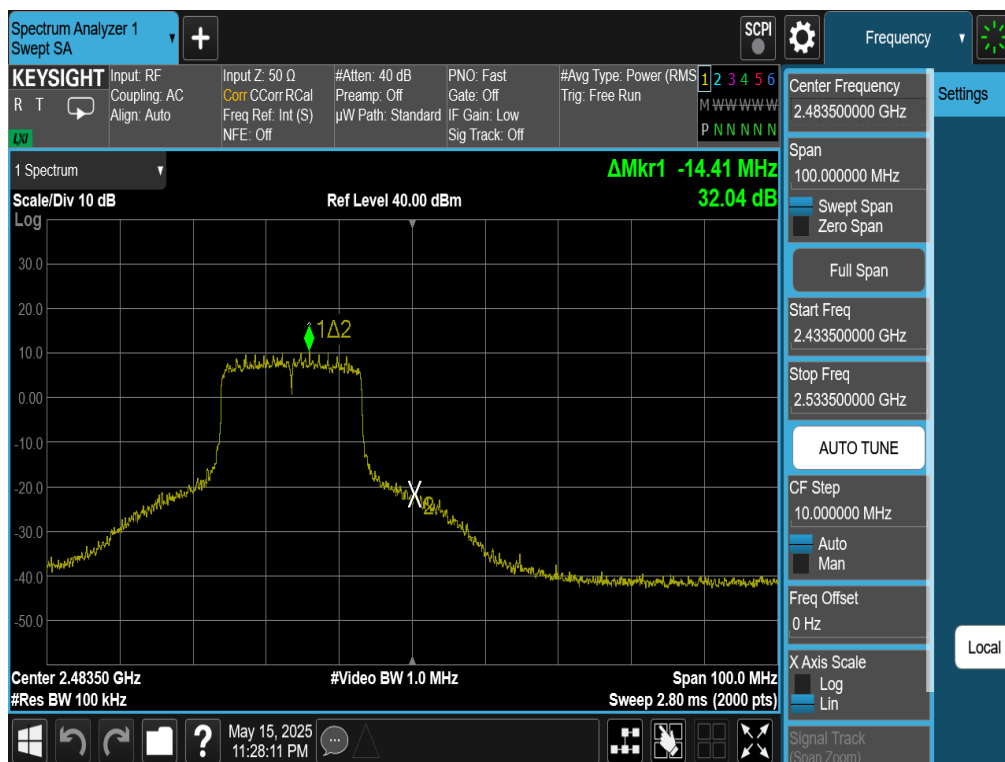


Plot 7-128. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 10)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 104 of 263



Plot 7-129. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 11)

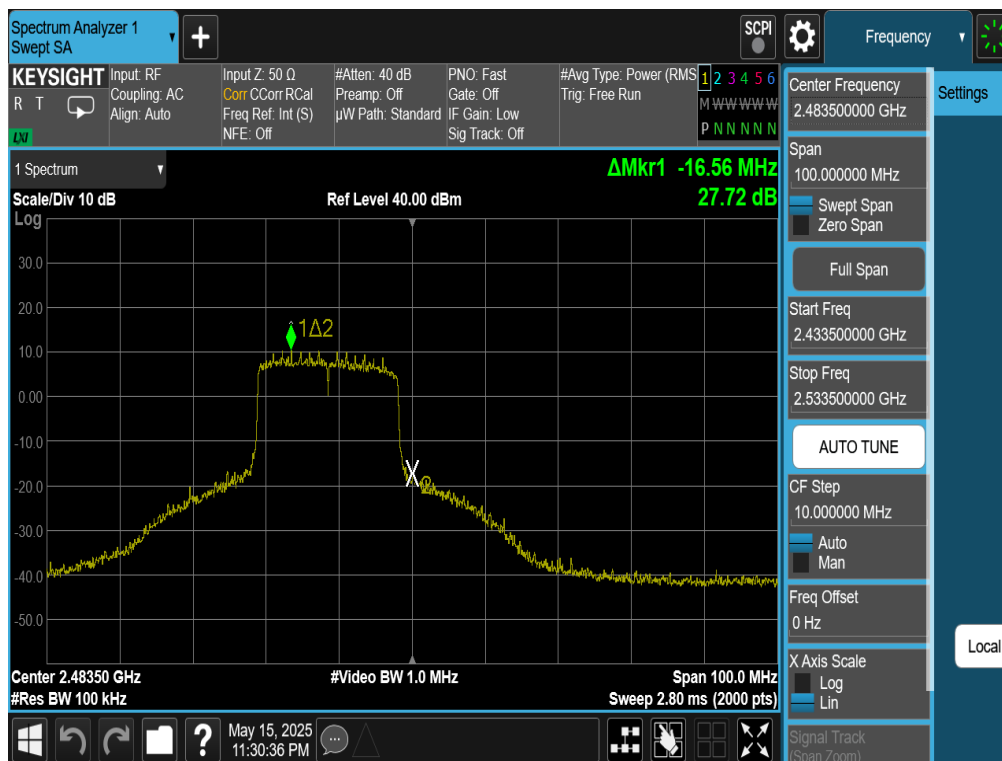


Plot 7-130. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 12)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 105 of 263

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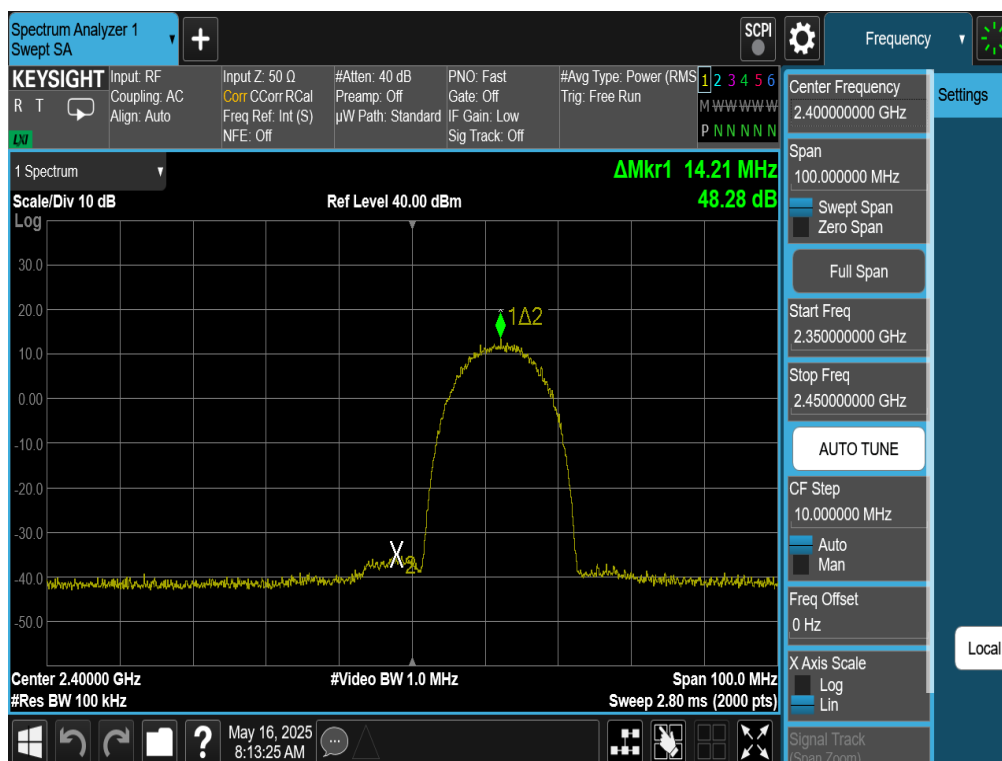


Plot 7-131. Band Edge Plot Antenna WF7 (802.11be (SU - 2.4GHz) – Ch. 13)

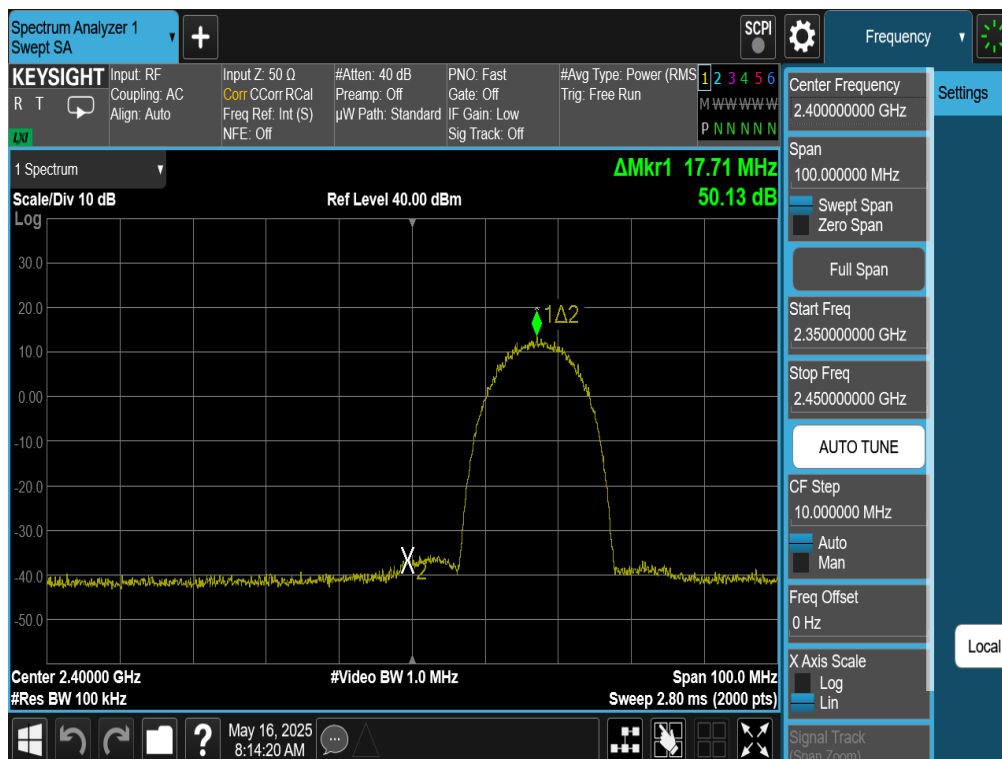
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 106 of 263

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7.5.3 Antenna WF9 Conducted Emissions at the Band Edge

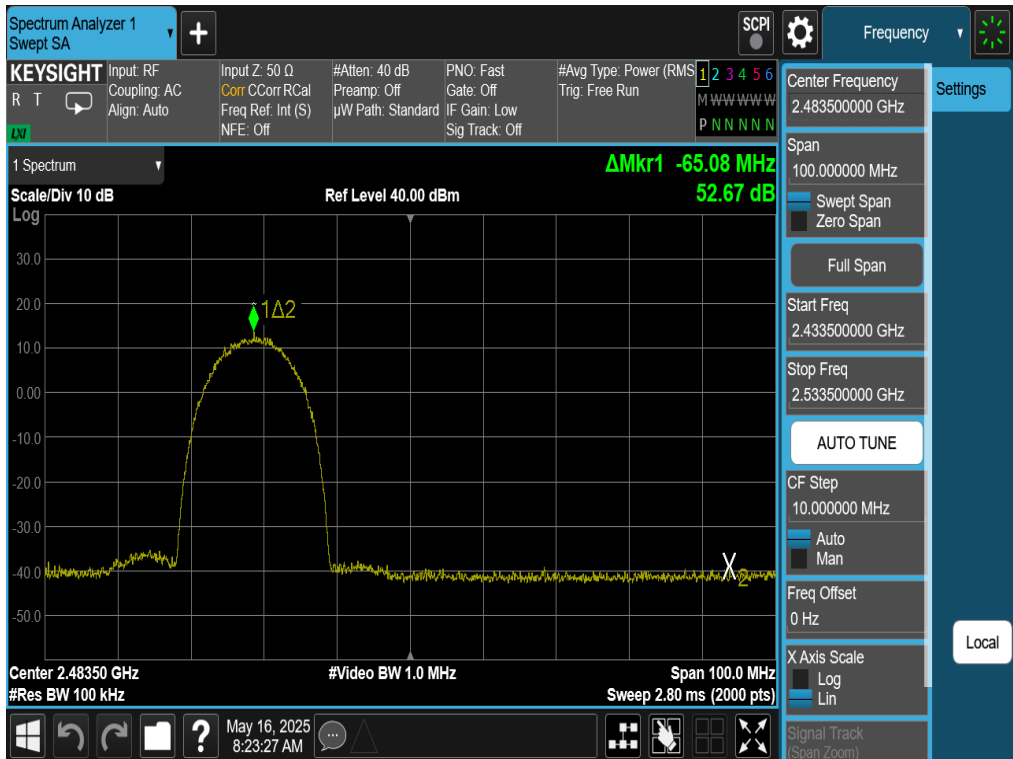


Plot 7-132. Band Edge Plot Antenna WF9 (802.11b – Ch. 1)

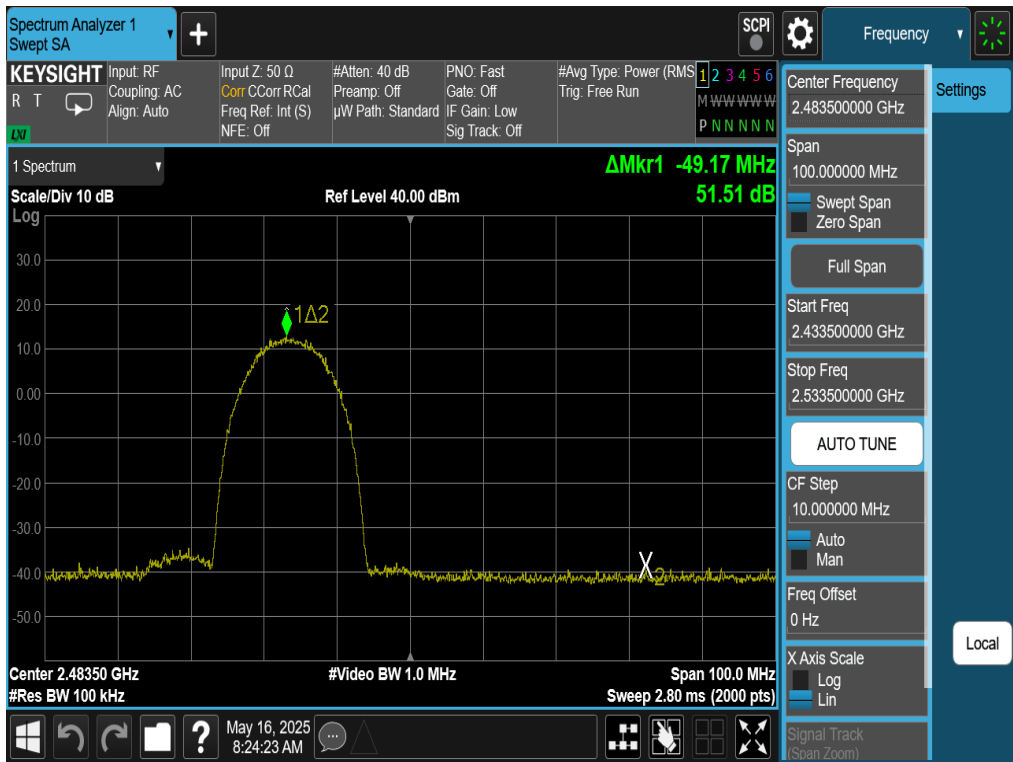


Plot 7-133. Band Edge Plot Antenna WF9 (802.11b – Ch. 2)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 107 of 263

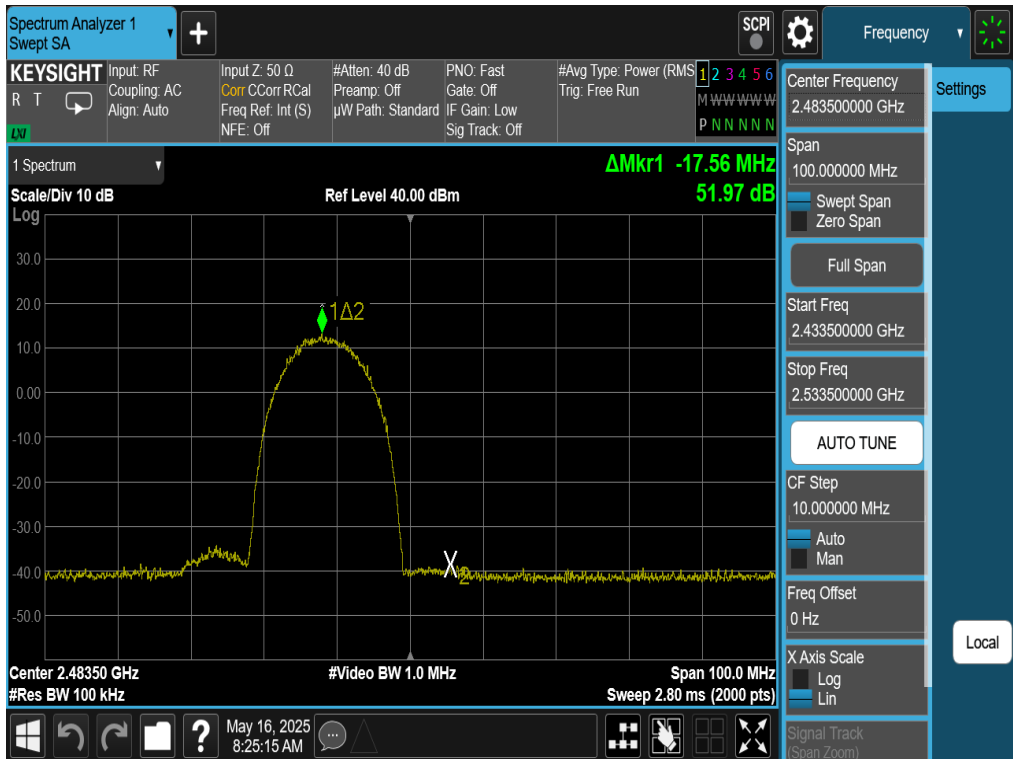


Plot 7-134. Band Edge Plot Antenna WF9 (802.11b – Ch. 11)

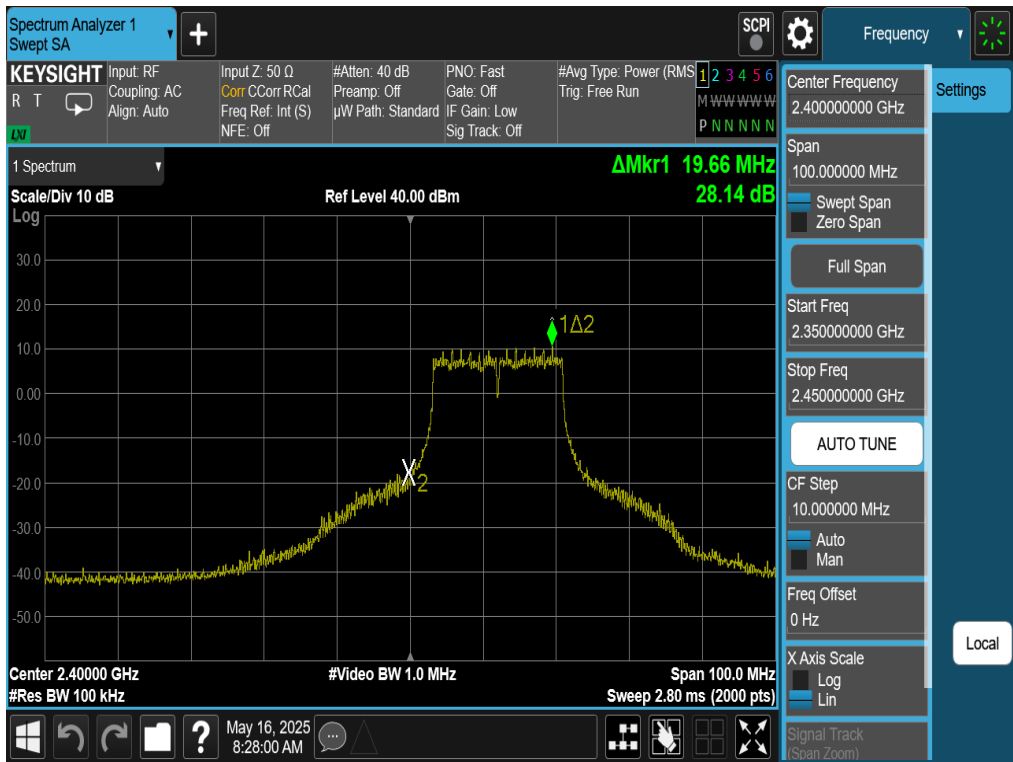


Plot 7-135. Band Edge Plot Antenna WF9 (802.11b – Ch. 12)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 108 of 263

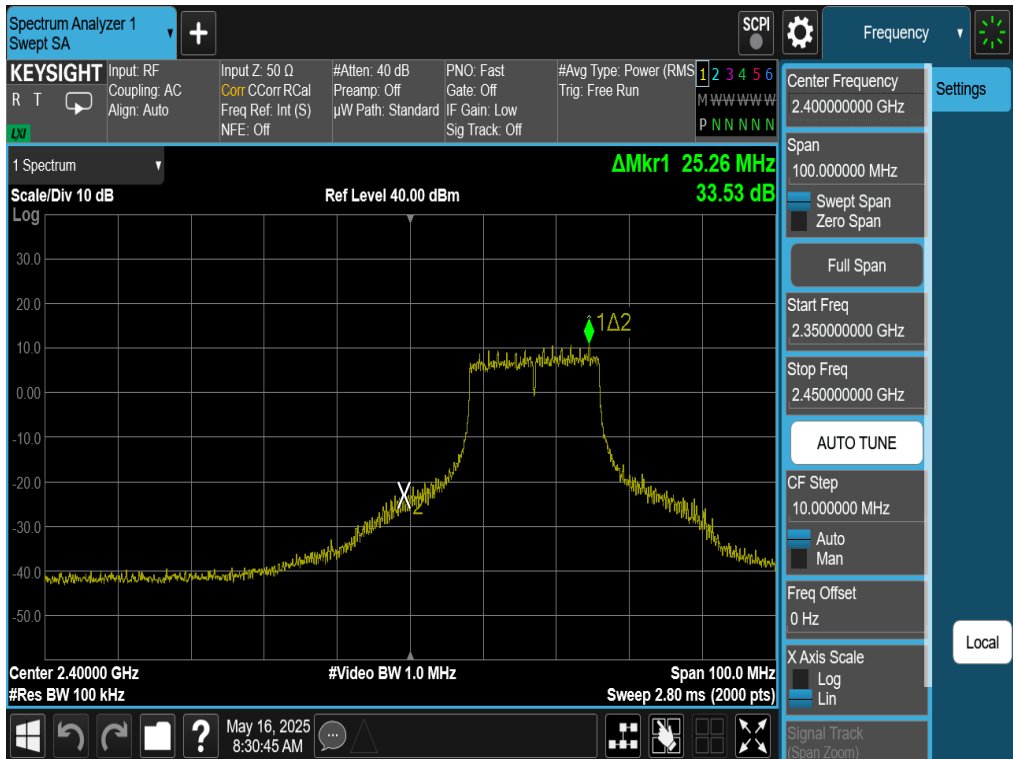


Plot 7-136. Band Edge Plot Antenna WF9 (802.11b – Ch. 13)

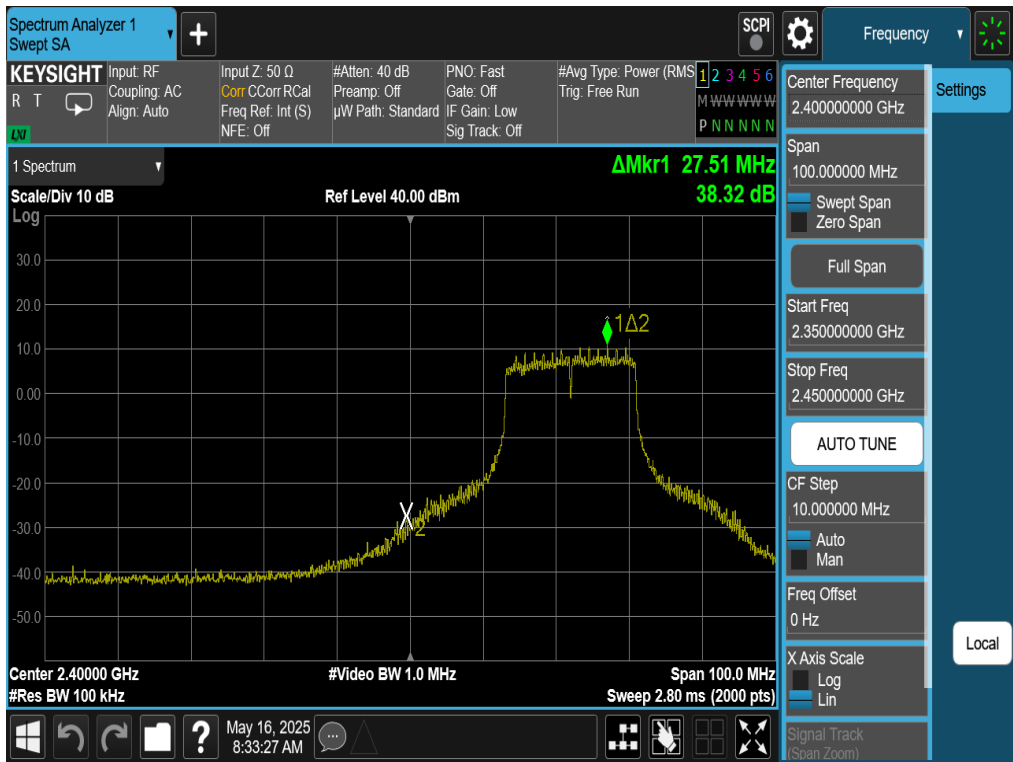


Plot 7-137. Band Edge Plot Antenna WF9 (802.11g – Ch. 1)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 109 of 263

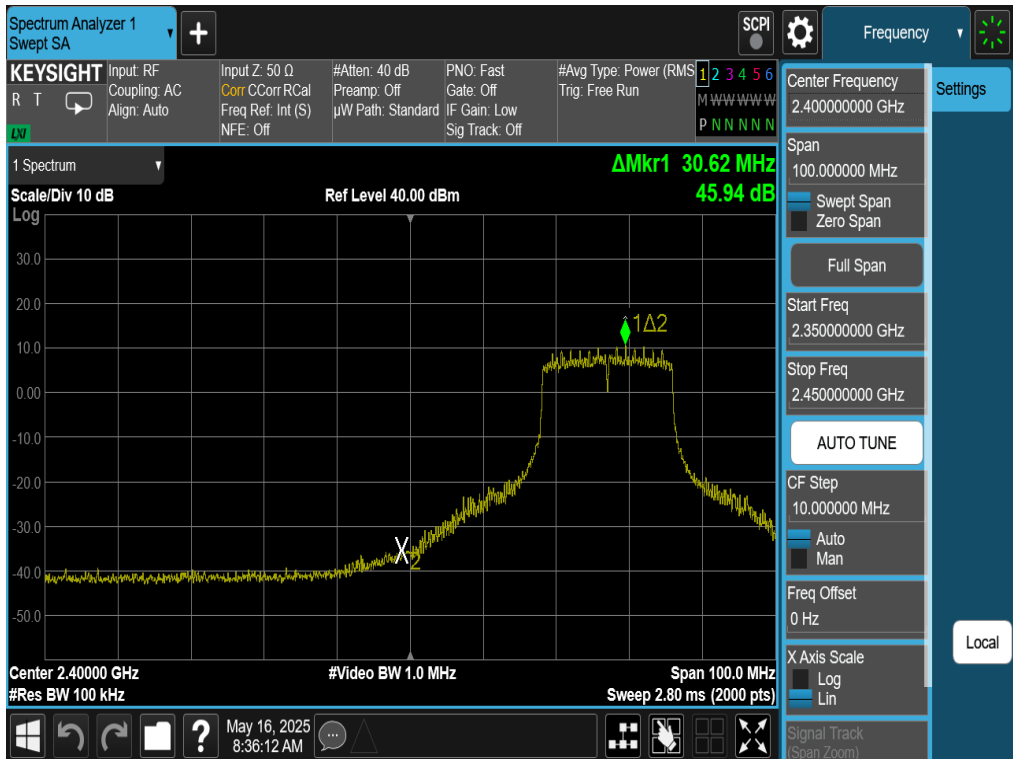


Plot 7-138. Band Edge Plot Antenna WF9 (802.11g – Ch. 2)

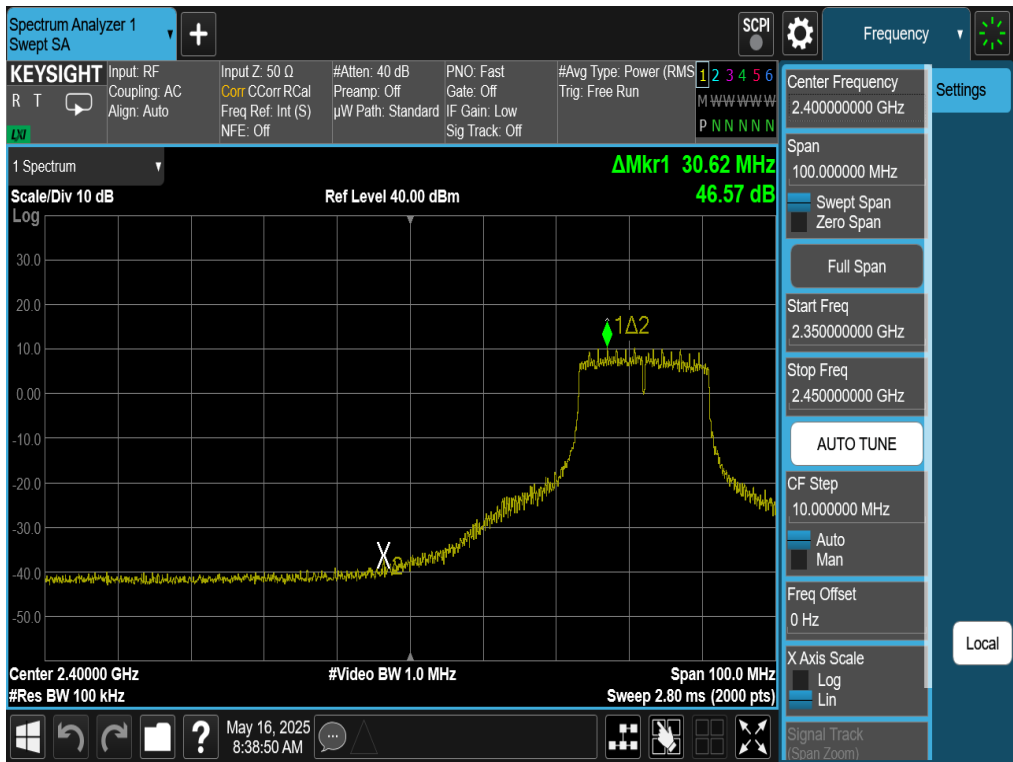


Plot 7-139. Band Edge Plot Antenna WF9 (802.11g – Ch. 3)

FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 110 of 263

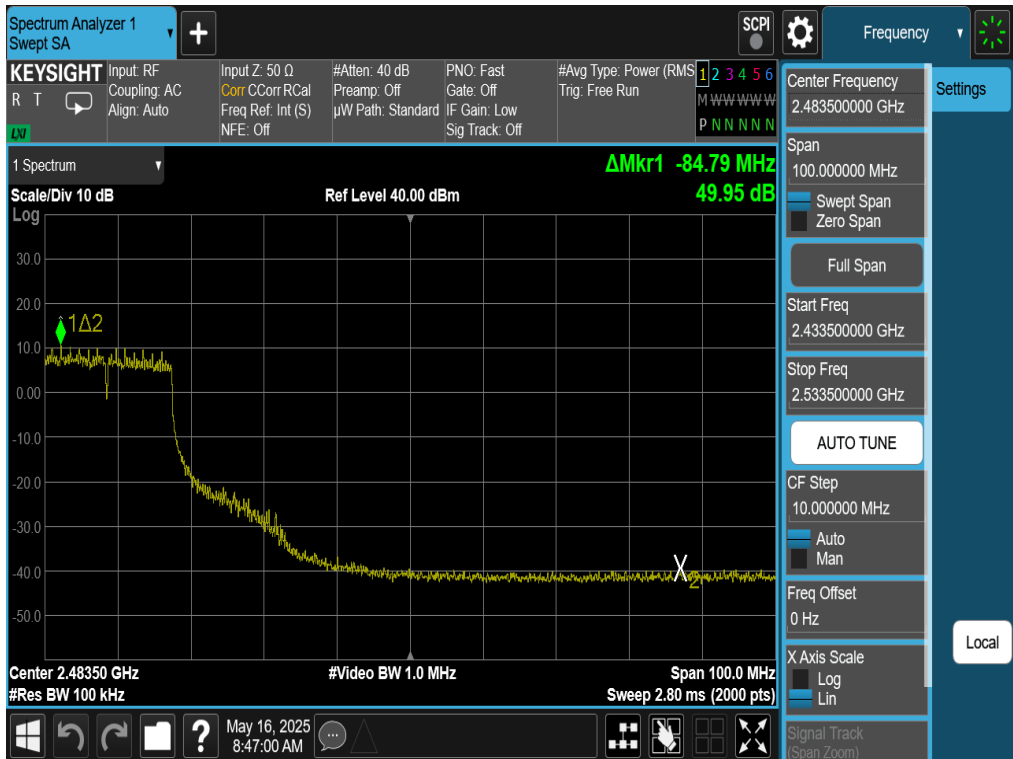


Plot 7-140. Band Edge Plot Antenna WF9 (802.11g – Ch. 4)

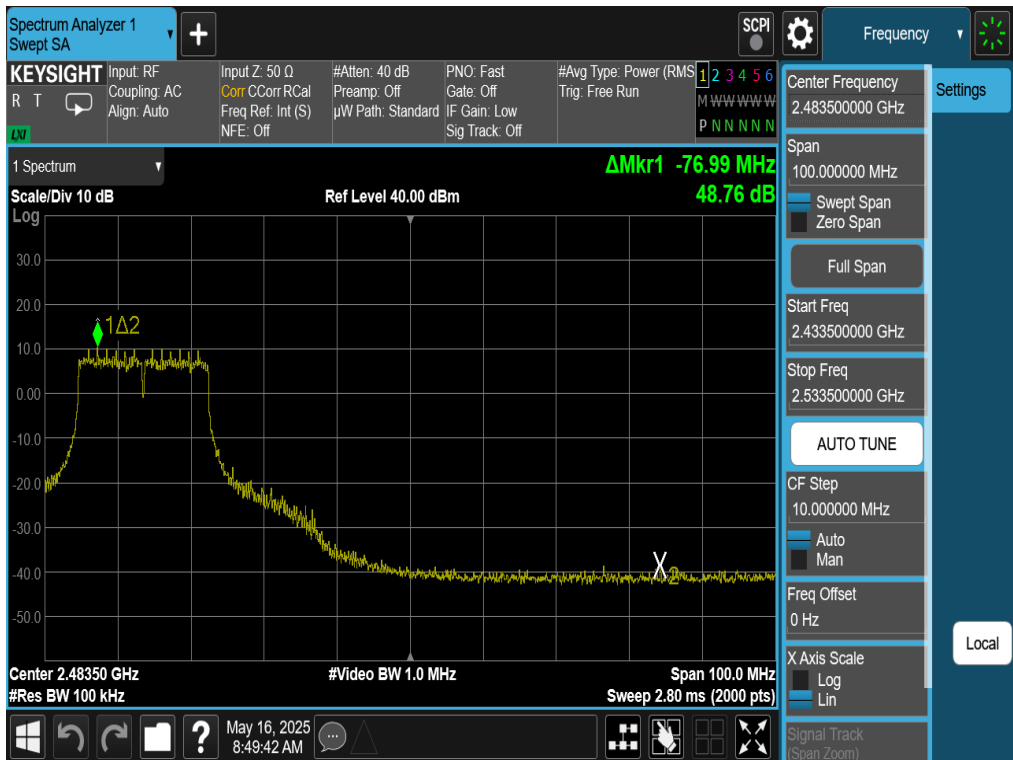


Plot 7-141. Band Edge Plot Antenna WF9 (802.11g – Ch. 5)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 111 of 263

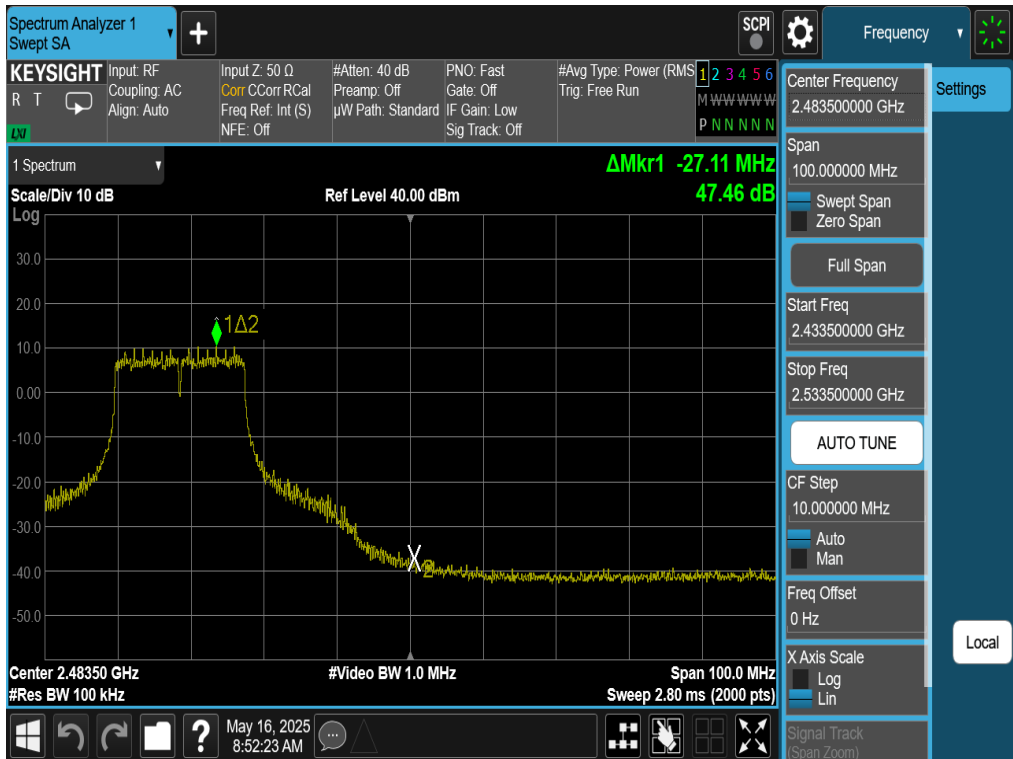


Plot 7-142. Band Edge Plot Antenna WF9 (802.11g – Ch. 7)

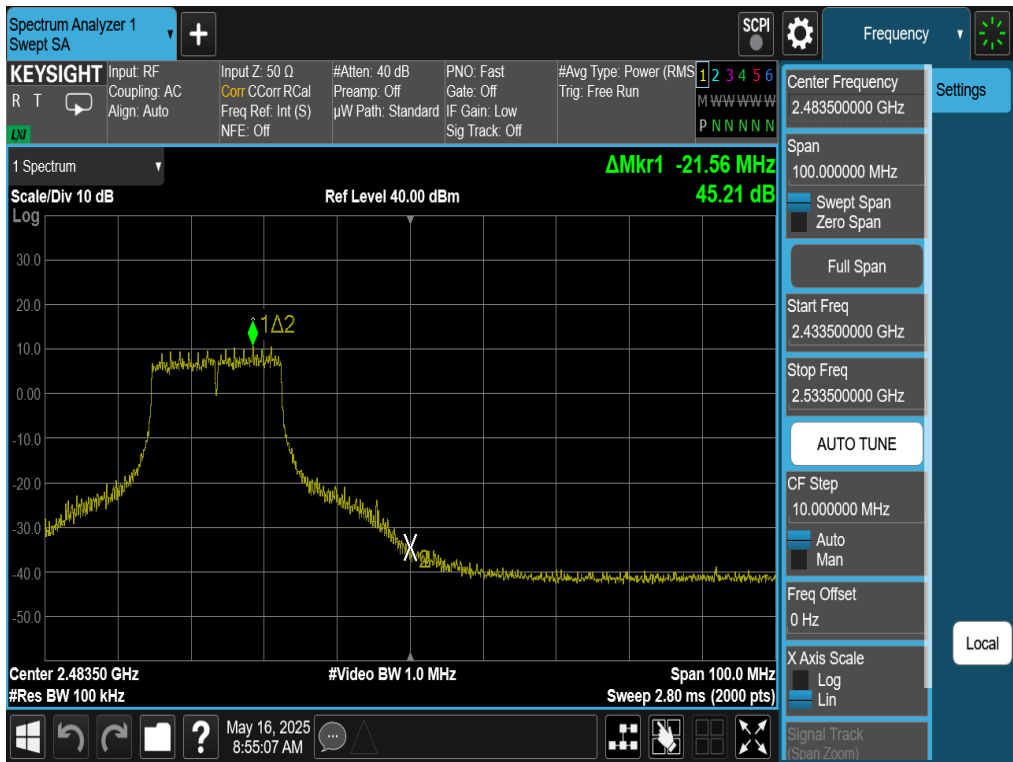


Plot 7-143. Band Edge Plot Antenna WF9 (802.11g – Ch. 8)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 112 of 263

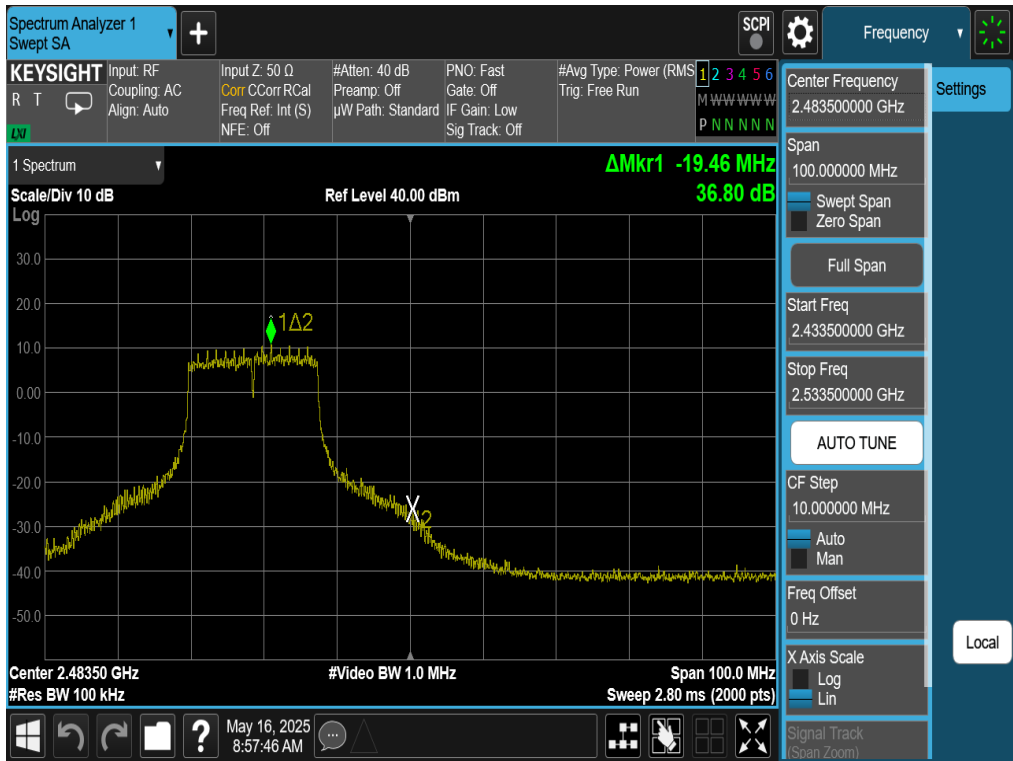


Plot 7-144. Band Edge Plot Antenna WF9 (802.11g – Ch. 9)

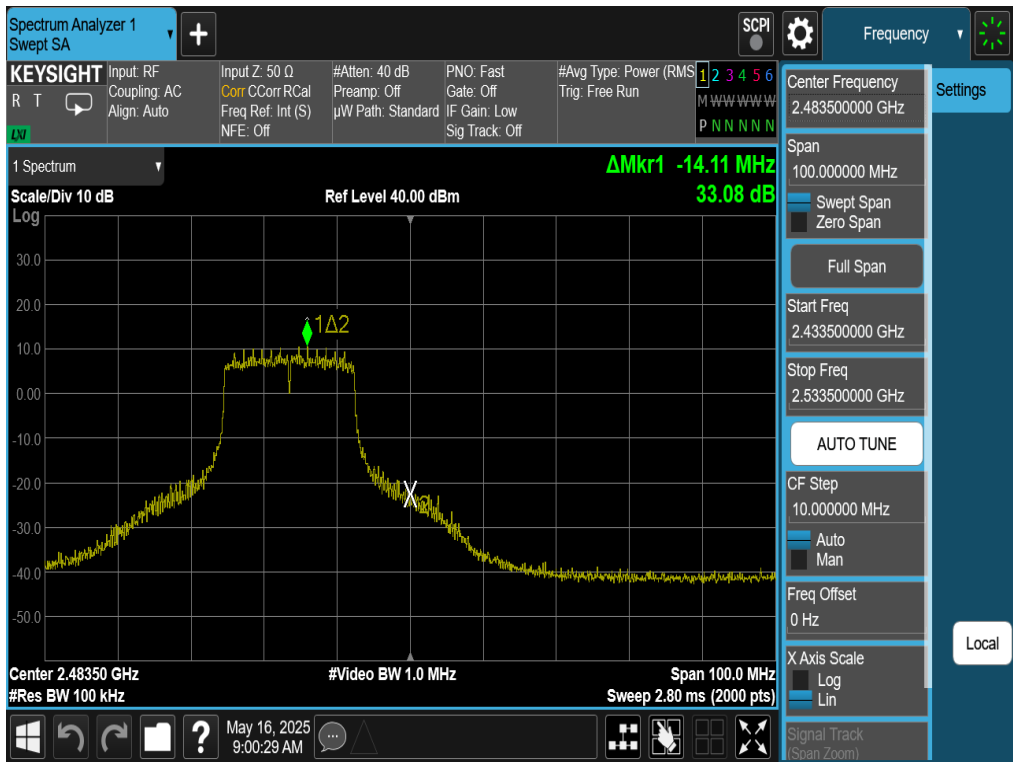


Plot 7-145. Band Edge Plot Antenna WF9 (802.11g – Ch. 10)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 113 of 263

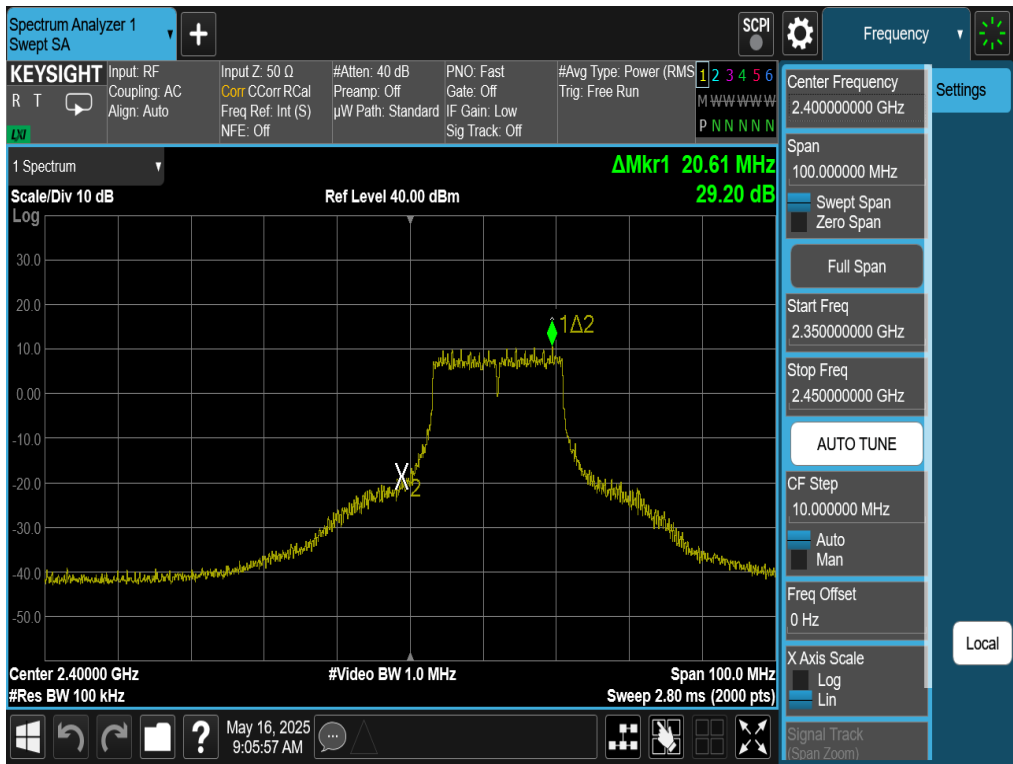
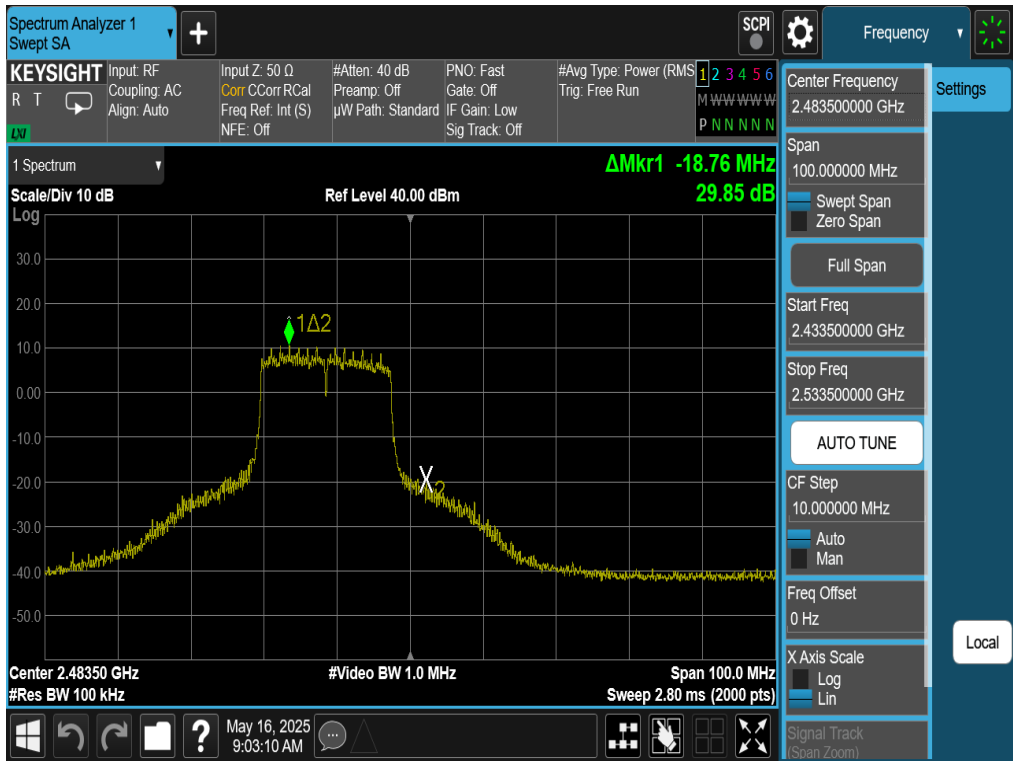


Plot 7-146. Band Edge Plot Antenna WF9 (802.11g – Ch. 11)

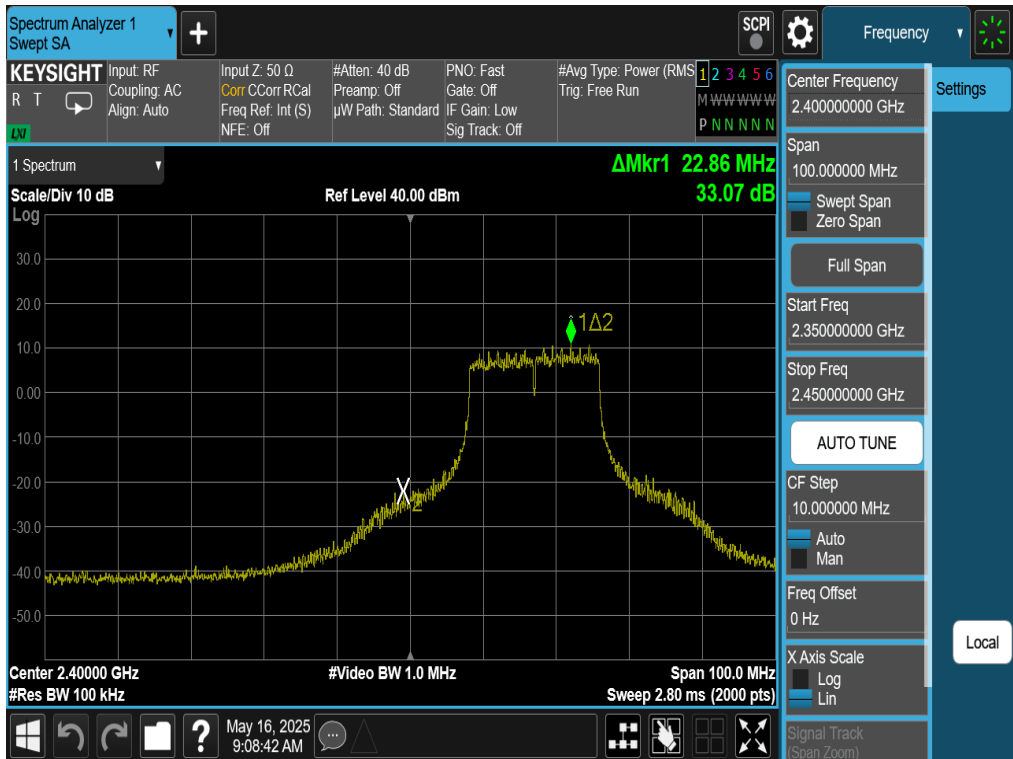


Plot 7-147. Band Edge Plot Antenna WF9 (802.11g – Ch. 12)

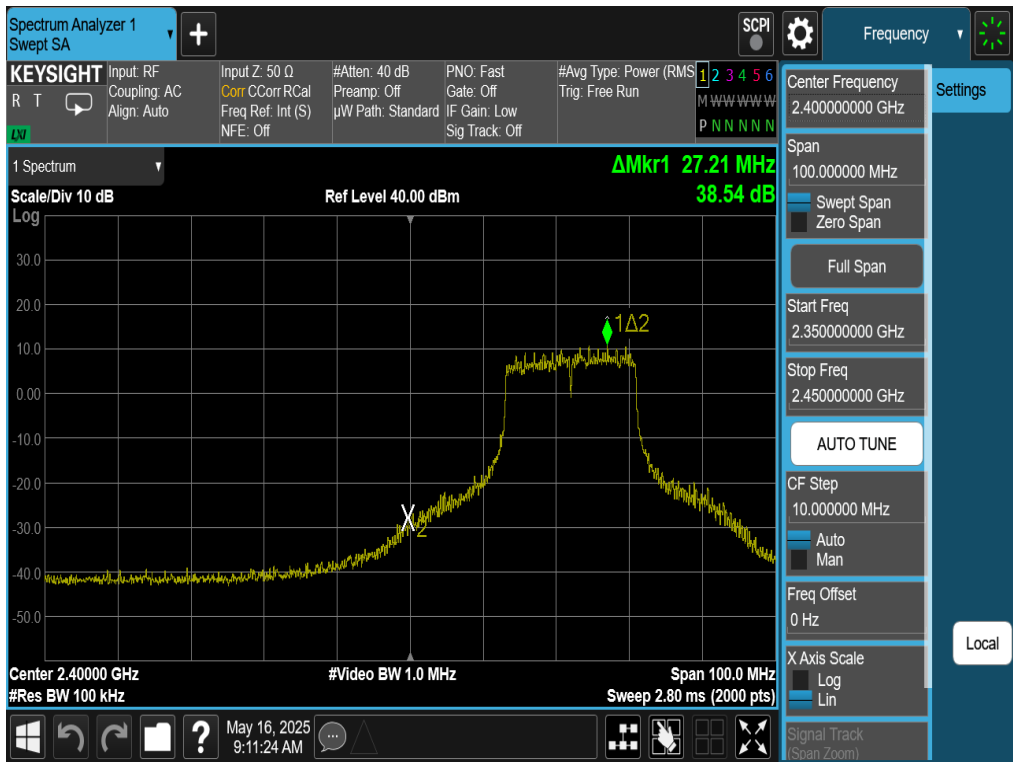
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 114 of 263



FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 115 of 263

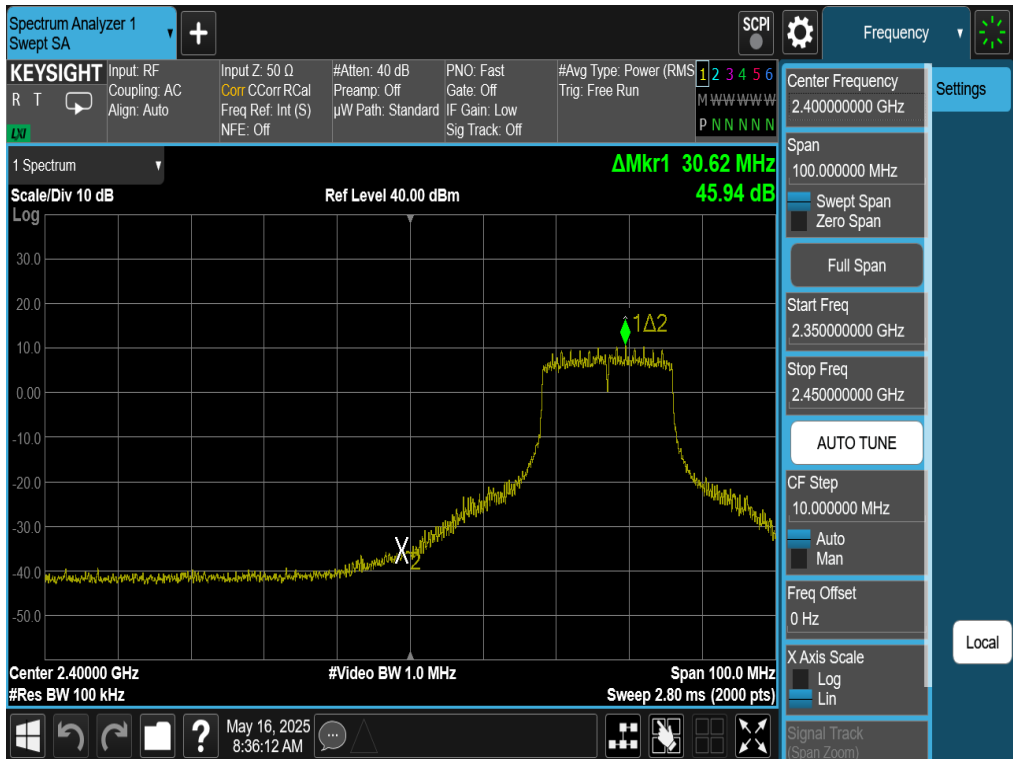


Plot 7-150. Band Edge Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 2)

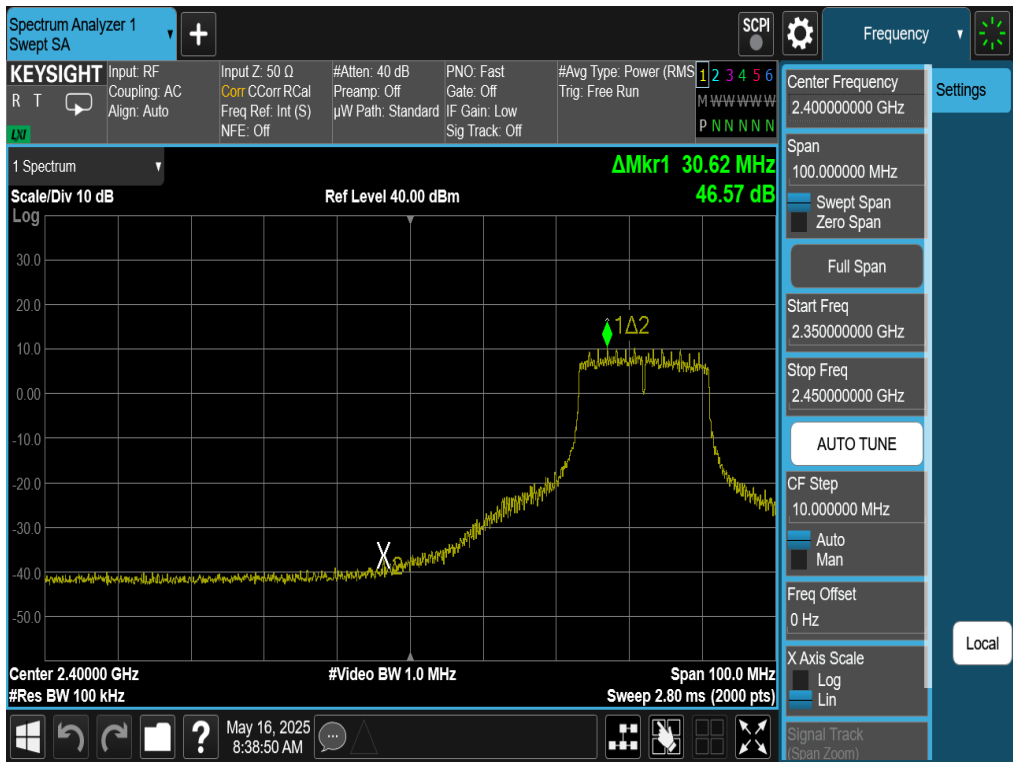


Plot 7-151. Band Edge Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 3)

FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 116 of 263

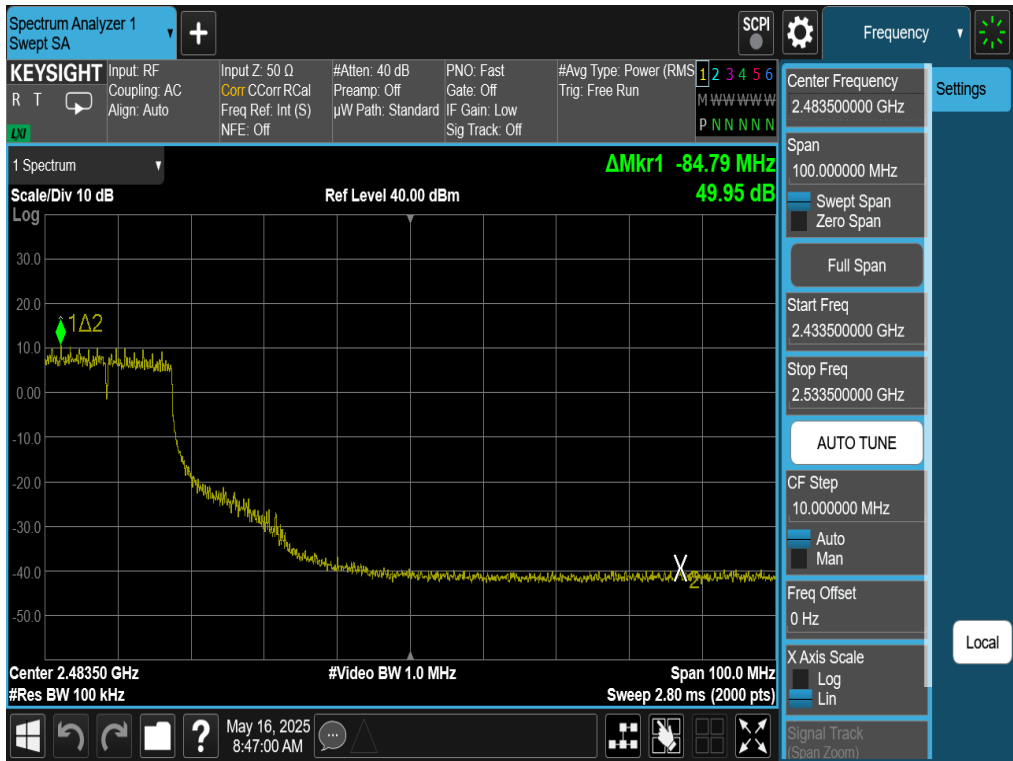


Plot 7-152. Band Edge Plot Antenna WF9 (802.11g – Ch. 4)

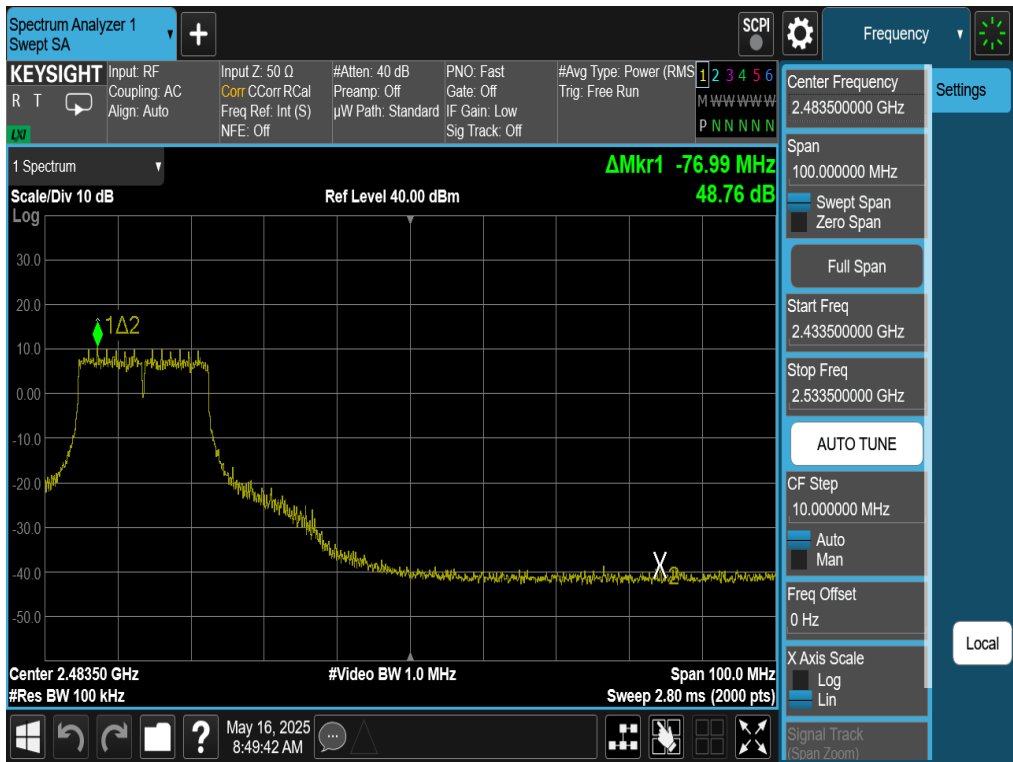


Plot 7-153. Band Edge Plot Antenna WF9 (802.11g – Ch. 5)

FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 117 of 263

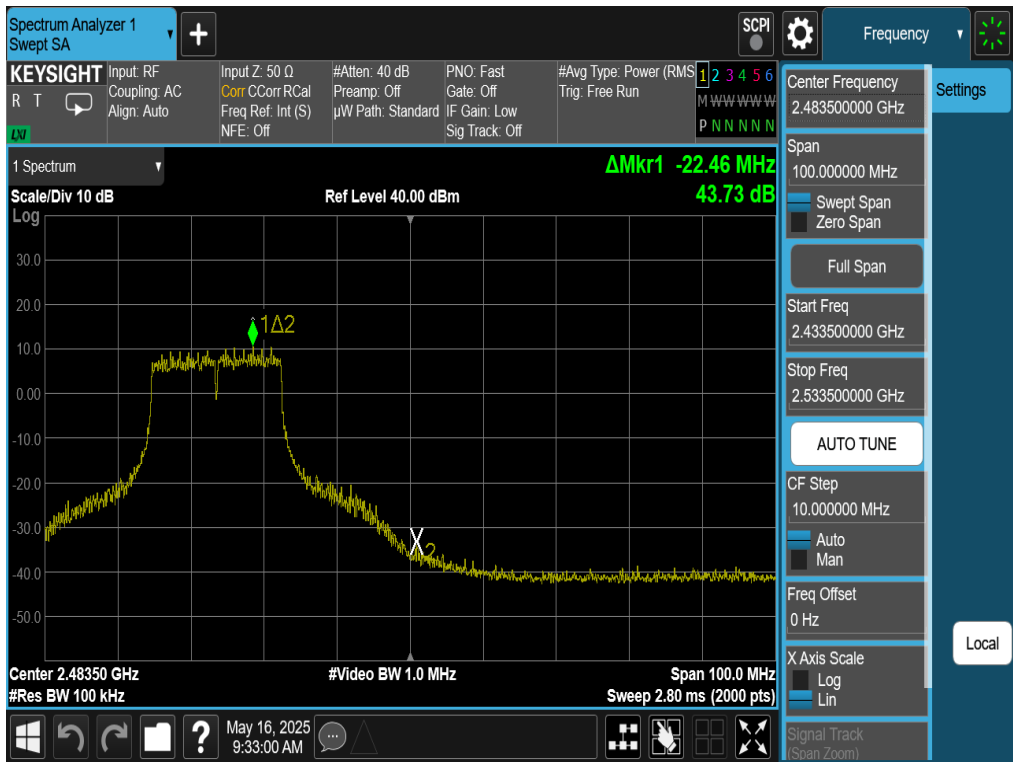
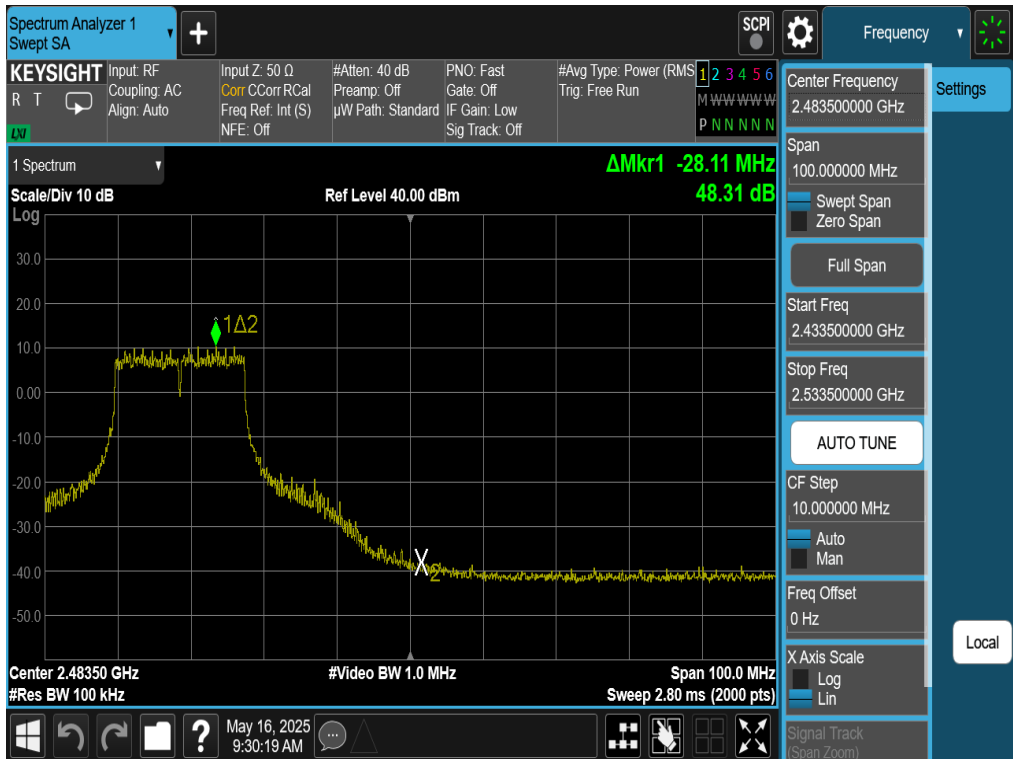


Plot 7-154. Band Edge Plot Antenna WF9 (802.11g – Ch. 7)

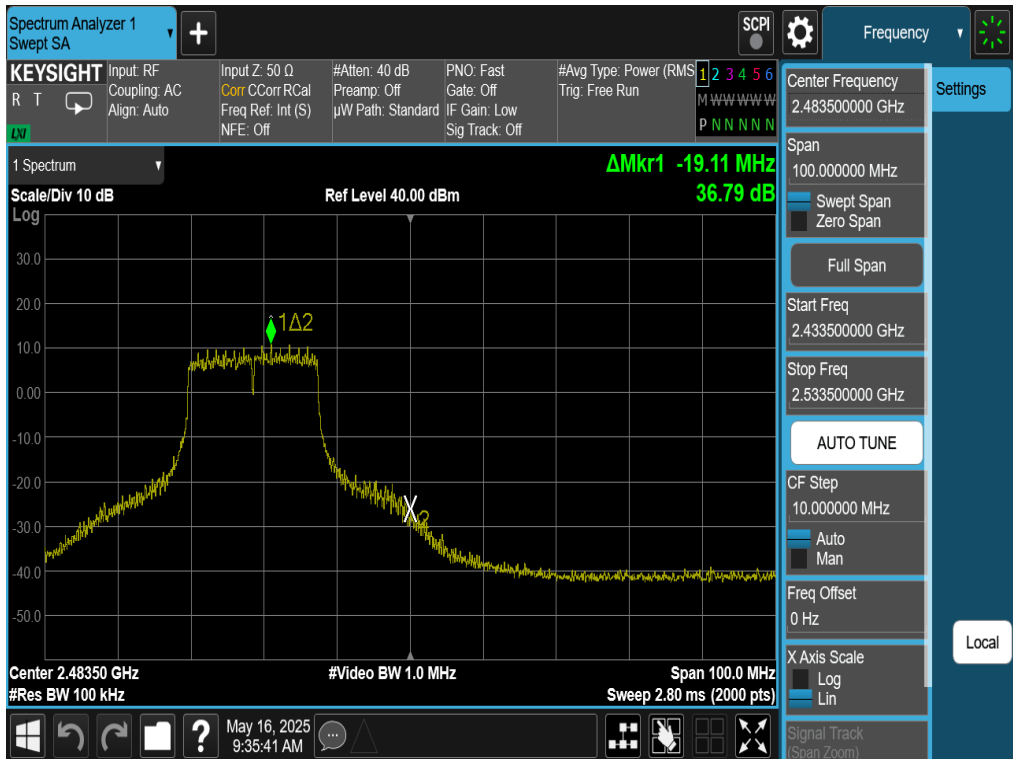


Plot 7-155. Band Edge Plot Antenna WF9 (802.11g – Ch. 8)

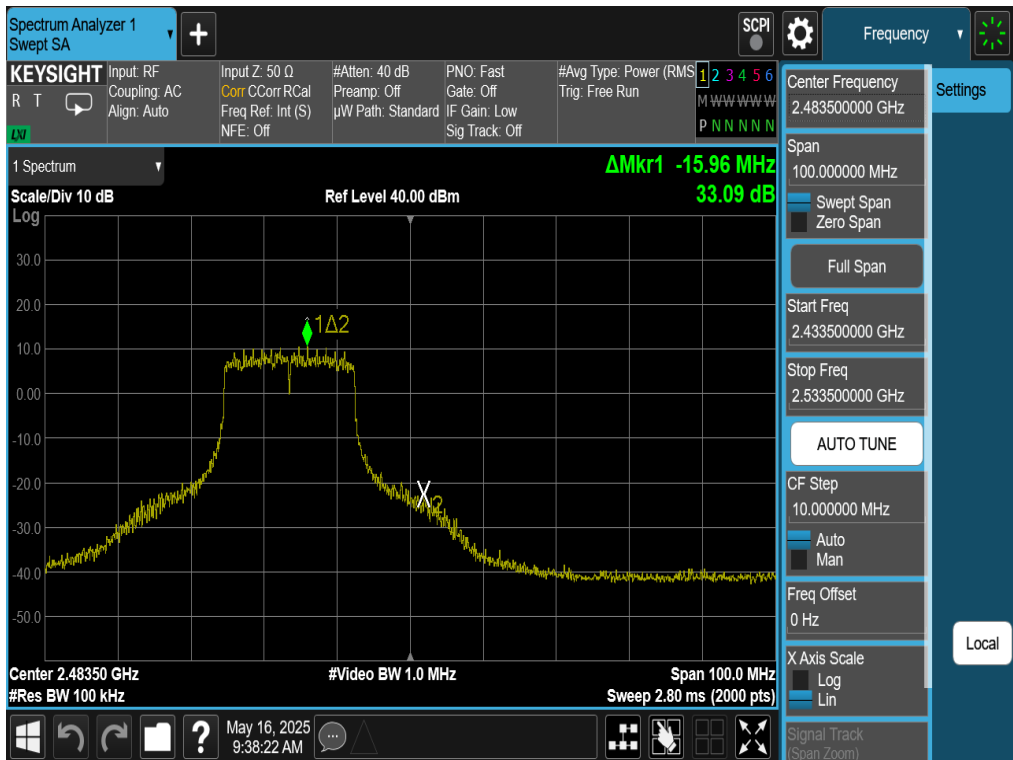
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 118 of 263



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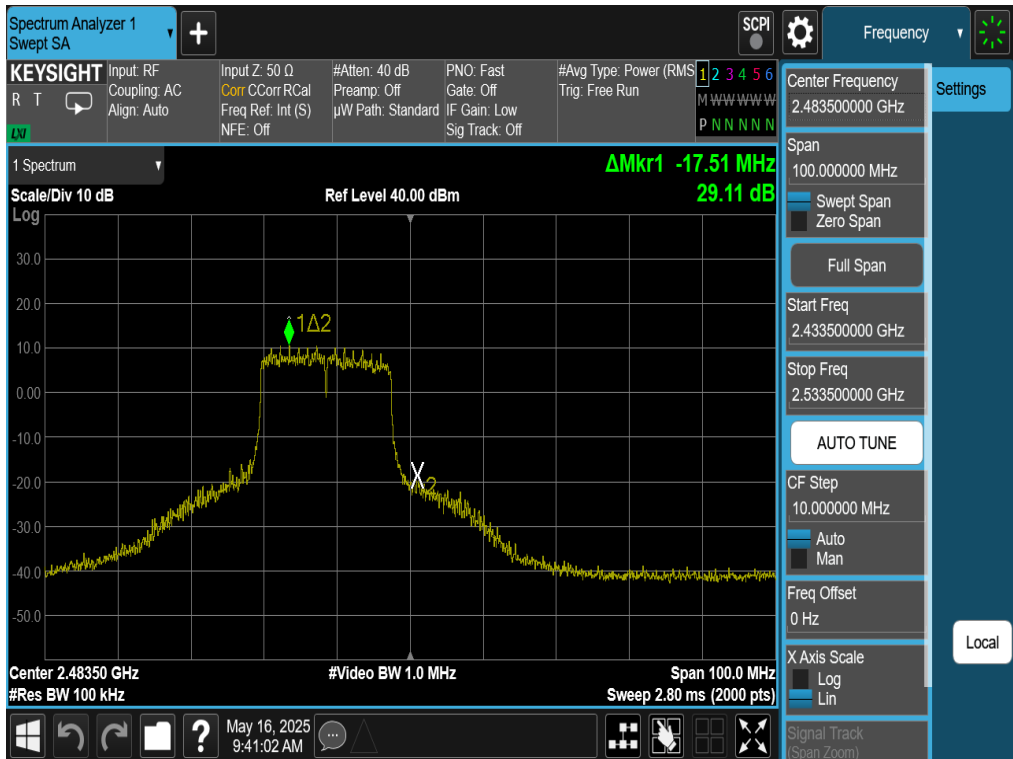


Plot 7-158. Band Edge Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 11)

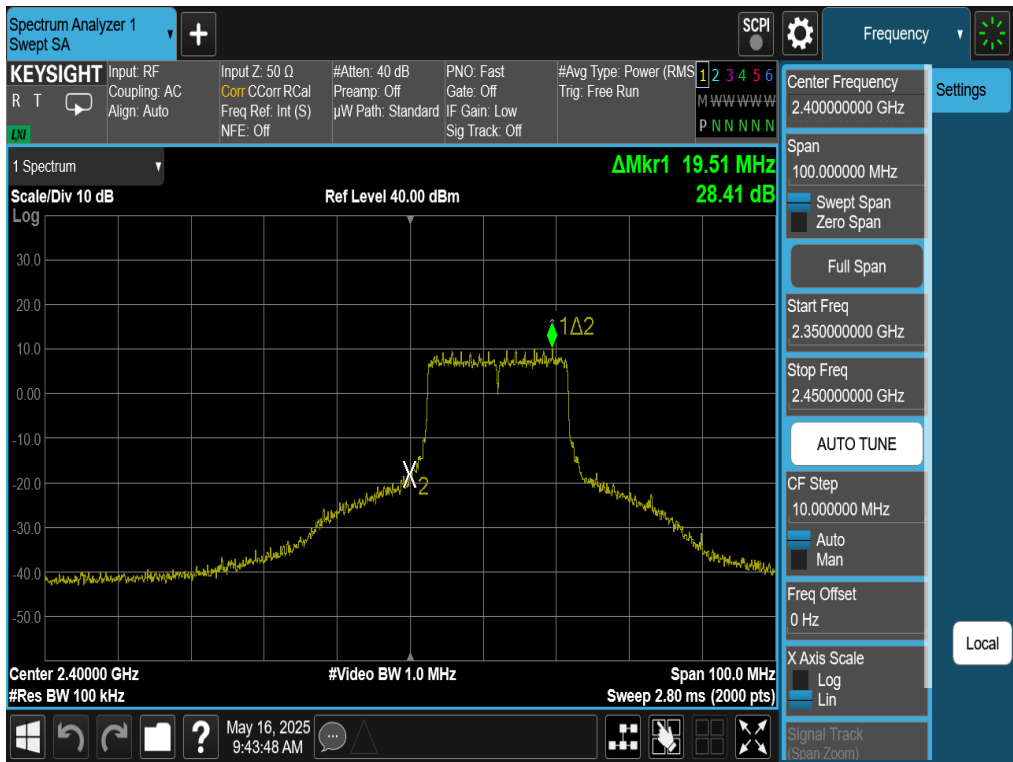


Plot 7-159. Band Edge Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 12)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 120 of 263

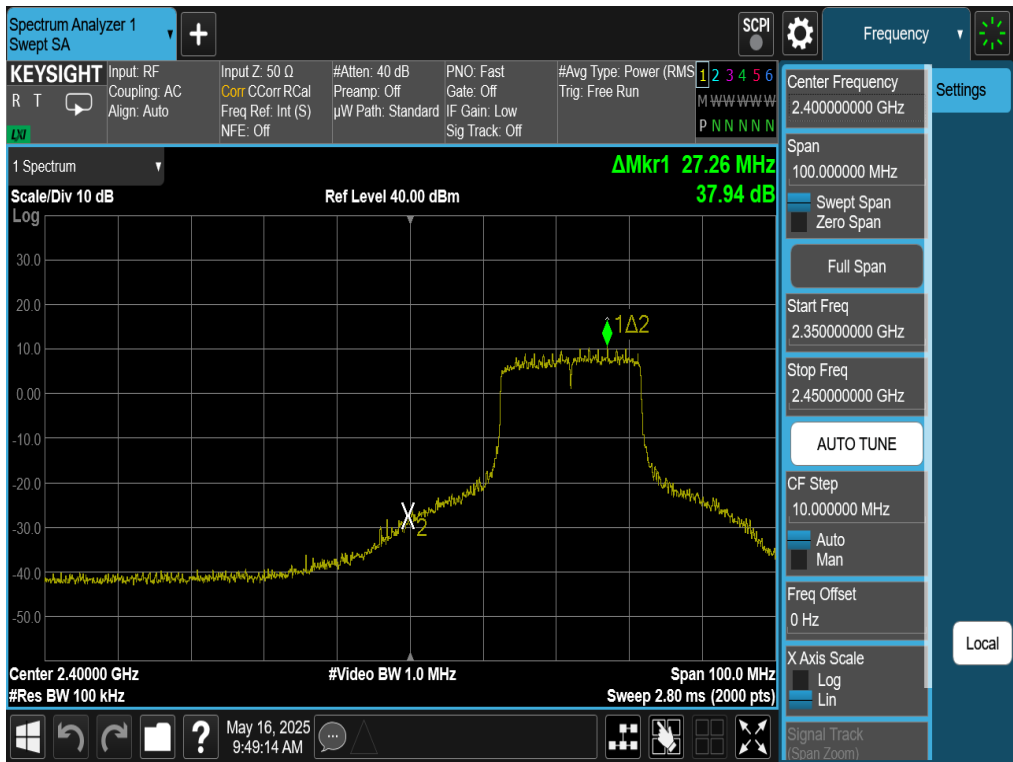
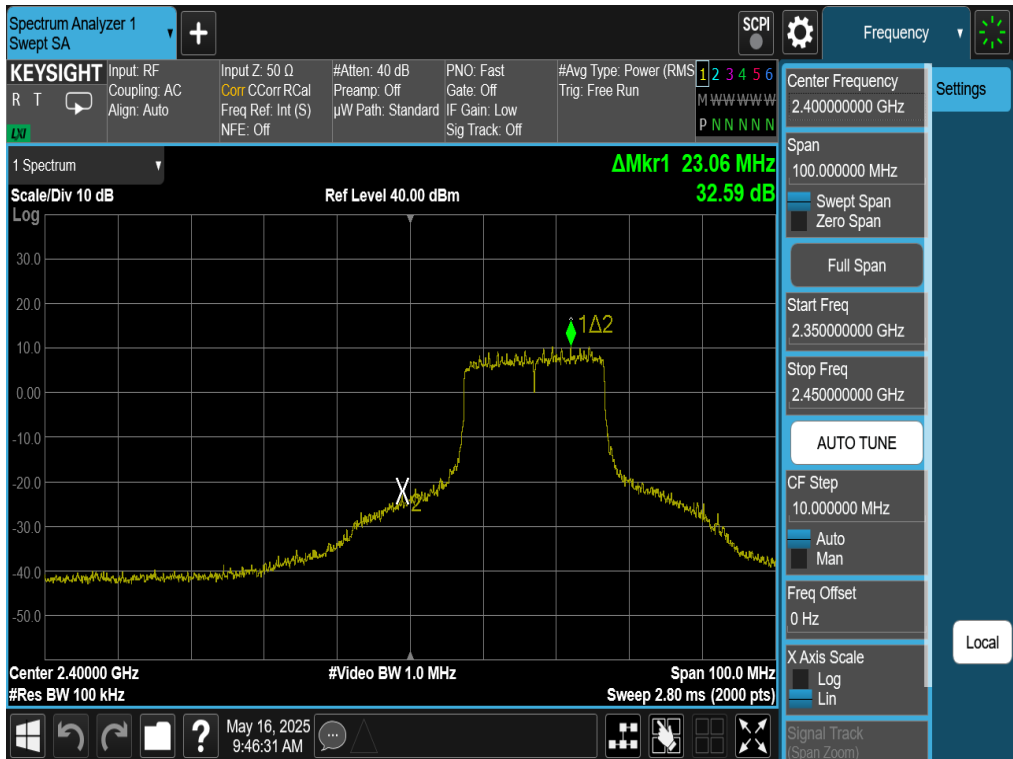


Plot 7-160. Band Edge Plot Antenna WF9 (802.11n (2.4GHz) – Ch. 13)

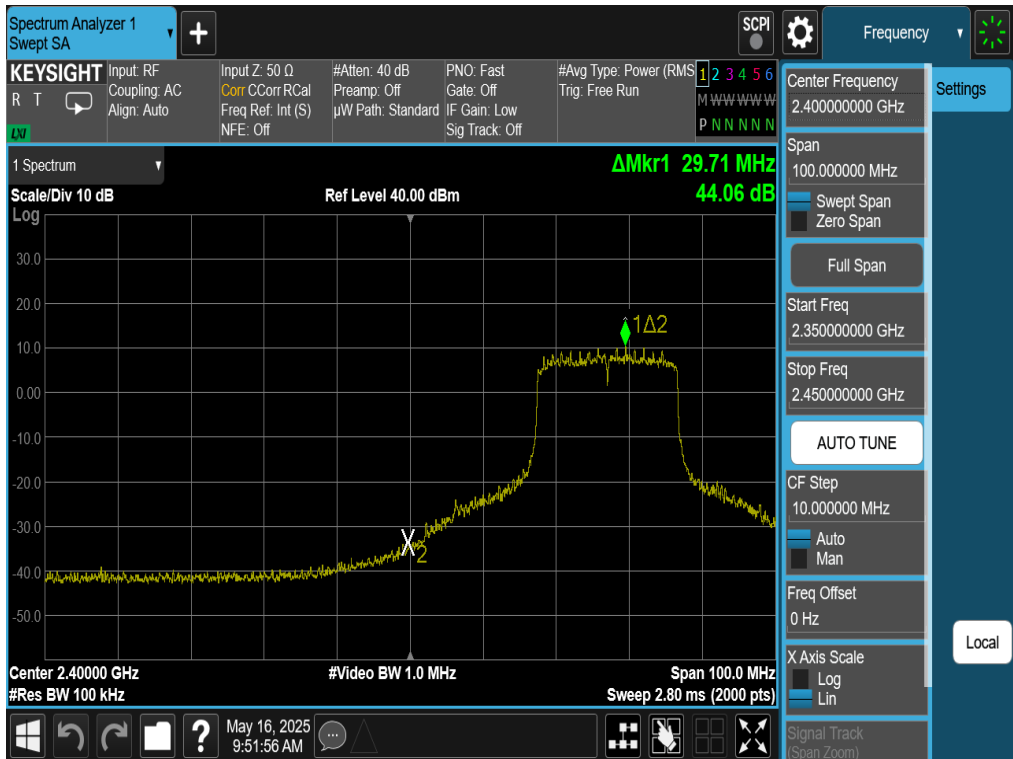


Plot 7-161. Band Edge Plot Antenna WF9 (802.11be (SU - 2.4GHz) – Ch. 1)

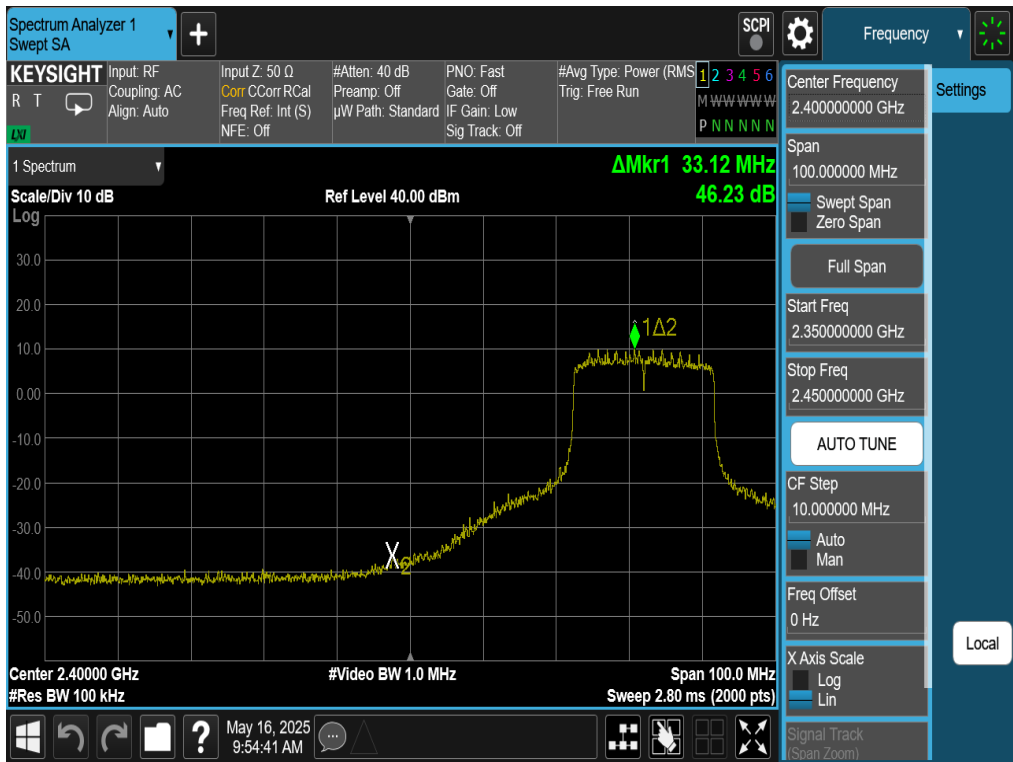
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 121 of 263



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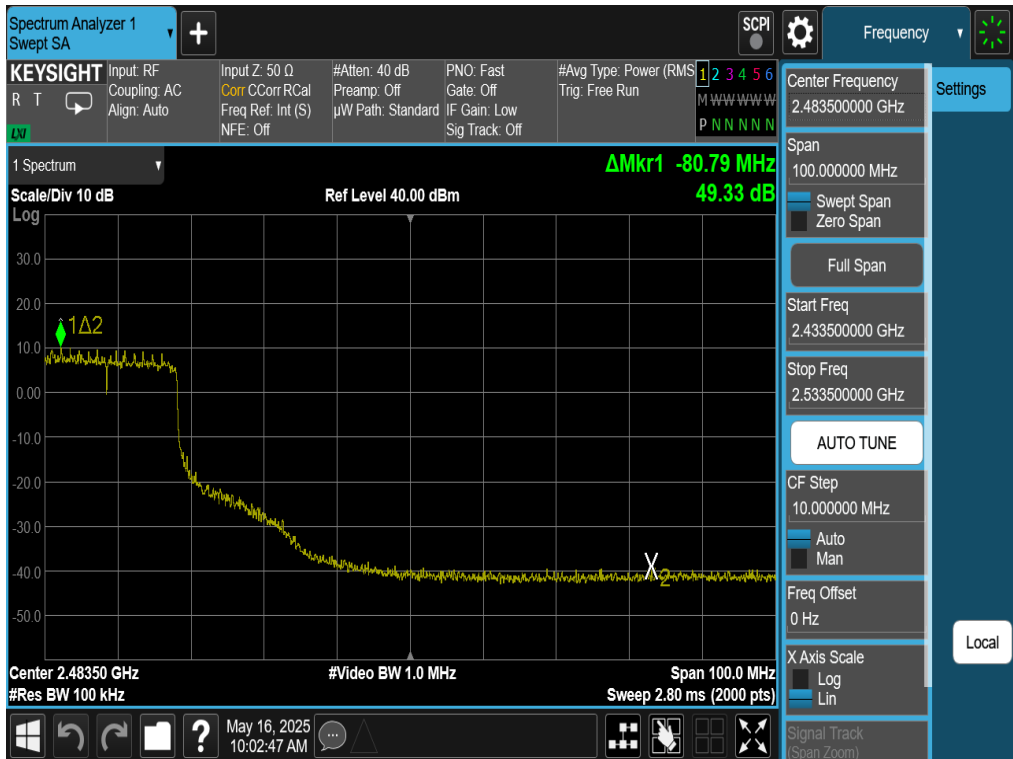


Plot 7-164. Band Edge Plot Antenna WF9 (802.11be (SU - 2.4GHz) – Ch. 4)

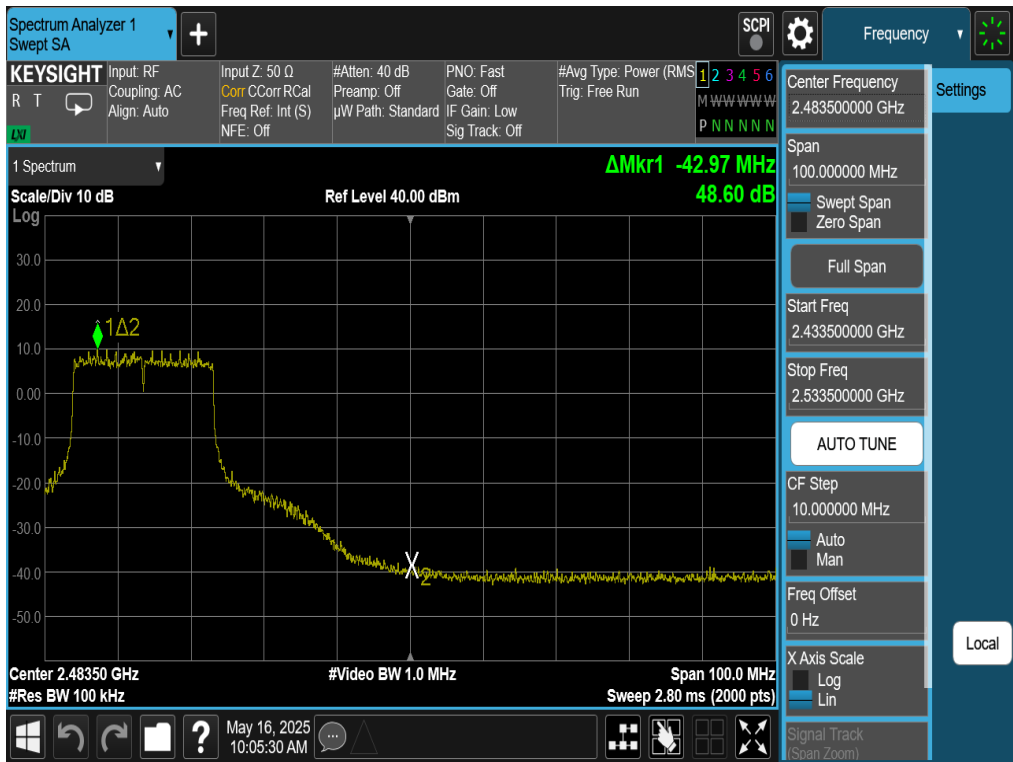


Plot 7-165. Band Edge Plot Antenna WF9 (802.11be (SU - 2.4GHz) – Ch. 5)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 123 of 263

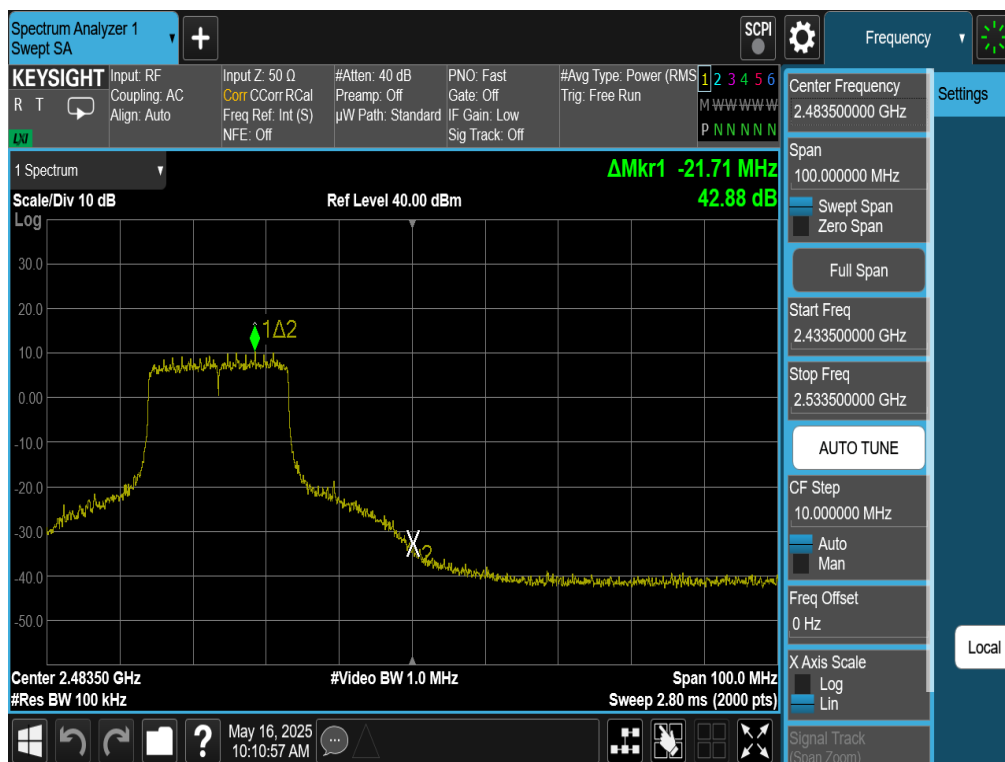
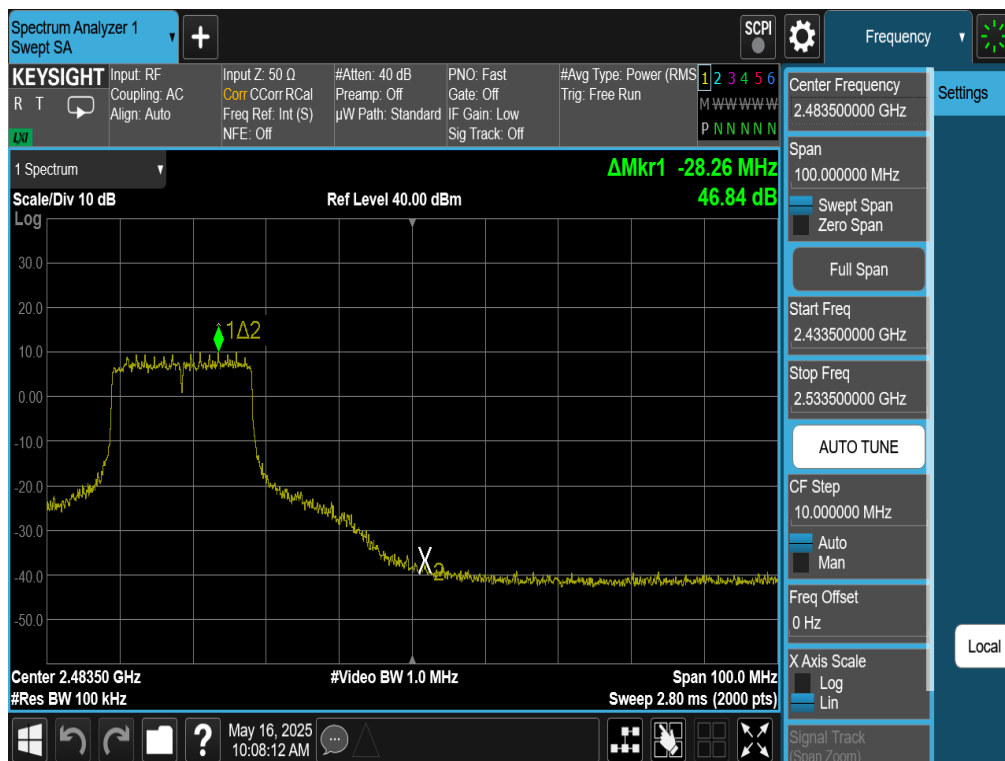


Plot 7-166. Band Edge Plot Antenna WF9 (802.11be (SU - 2.4GHz) – Ch. 7)

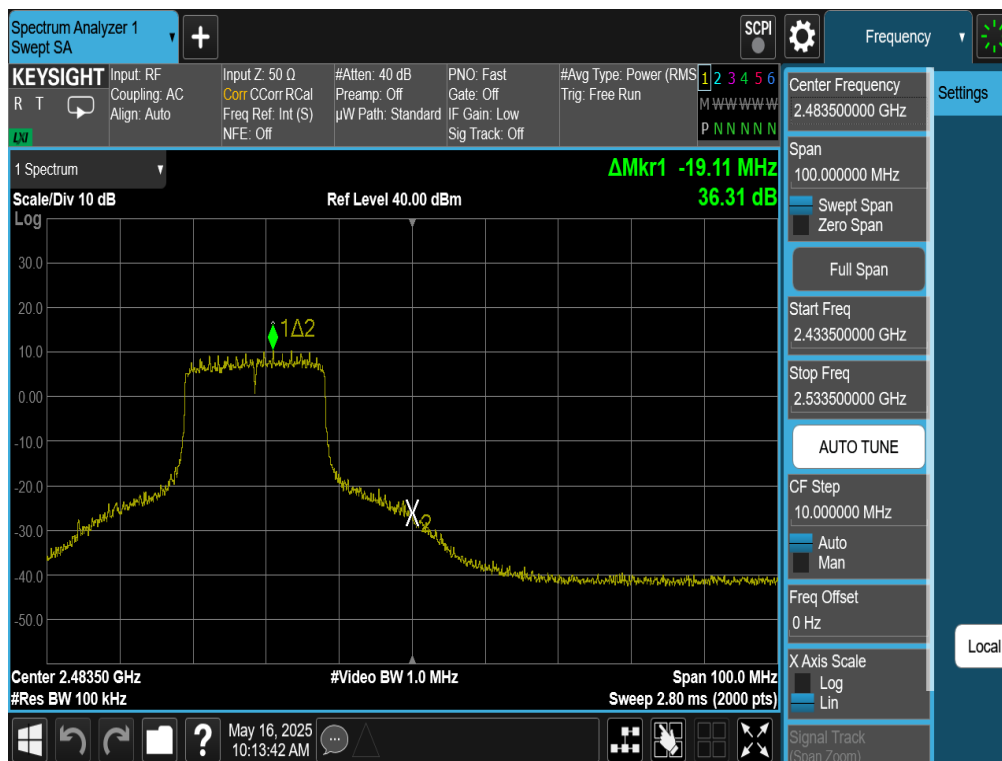


Plot 7-167. Band Edge Plot Antenna WF9 (802.11be (SU - 2.4GHz) – Ch. 8)

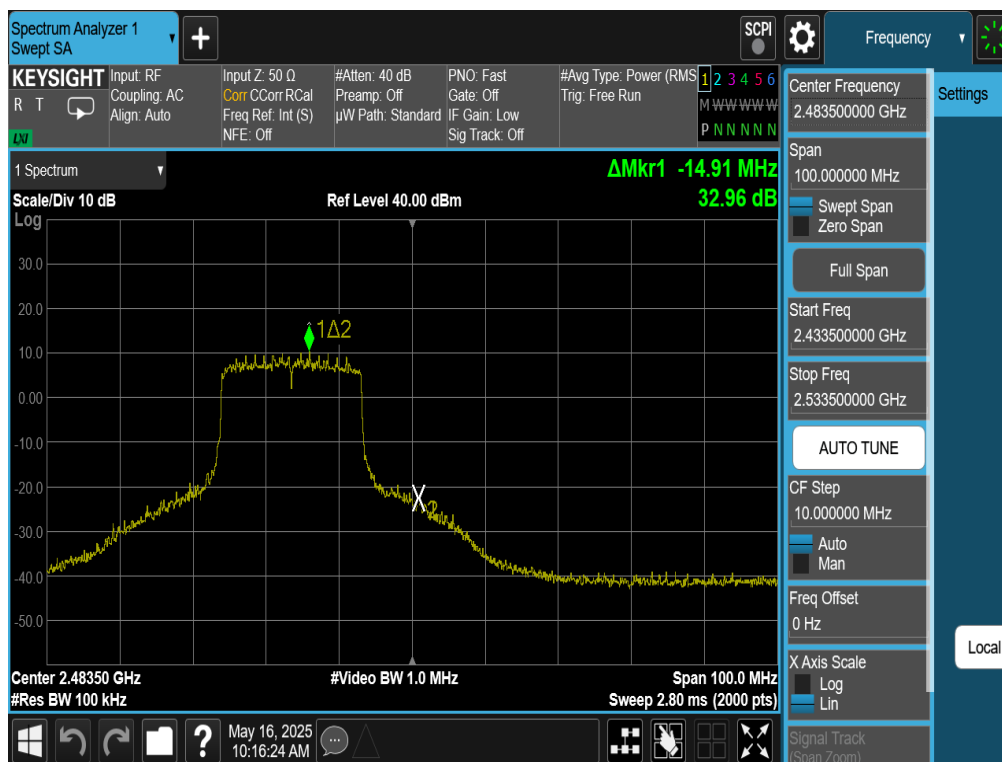
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-05-R3.BCG	Test Dates: 05/12/2025 - 07/14/2025	EUT Type: Tablet Device	Page 124 of 263



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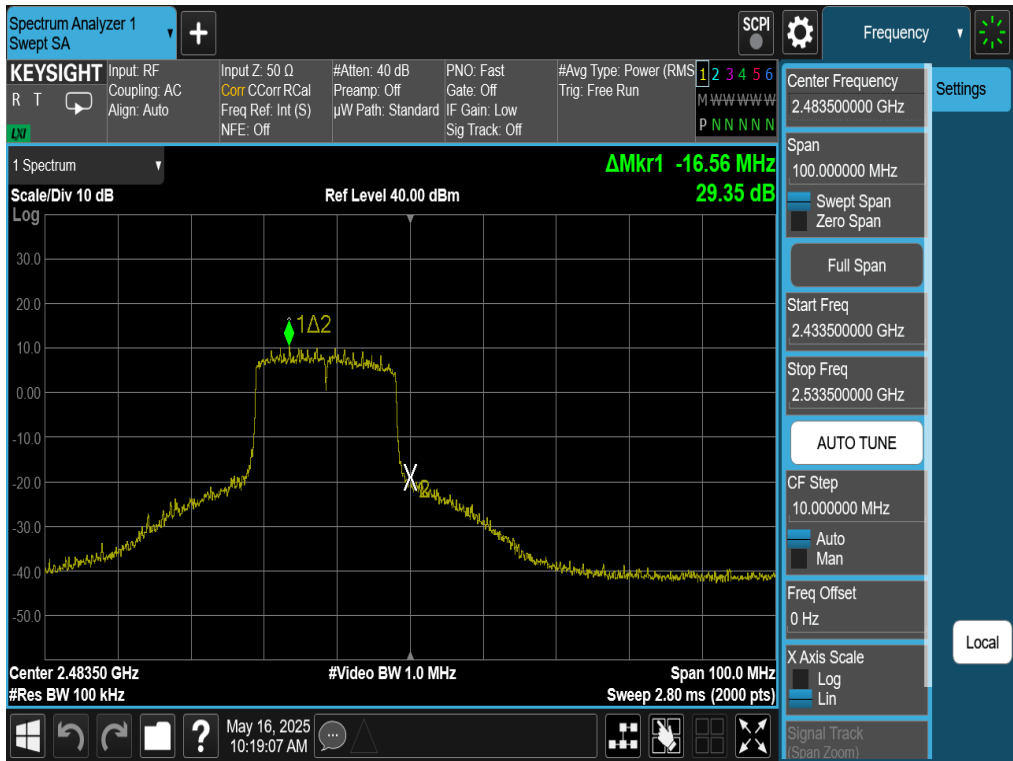


Plot 7-170. Band Edge Plot Antenna WF9 (802.11be (SU - 2.4GHz) – Ch. 11)



Plot 7-171. Band Edge Plot Antenna WF9 (802.11be (SU - 2.4GHz) – Ch. 12)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-172. Band Edge Plot Antenna WF9 (802.11be (SU - 2.4GHz) – Ch. 13)

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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 were investigated to determine the worst case configuration. For the following out of band conducted spurious emissions plots, the EUT was investigated in all available data rates for “b”, “g”, “n”, “ax-SU”, “be-SU” modes. The worst case spurious emissions for the 2.4GHz band were found while transmitting in “b” mode at 11 Mbps and are shown in the plots below.

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 Section 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 = 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

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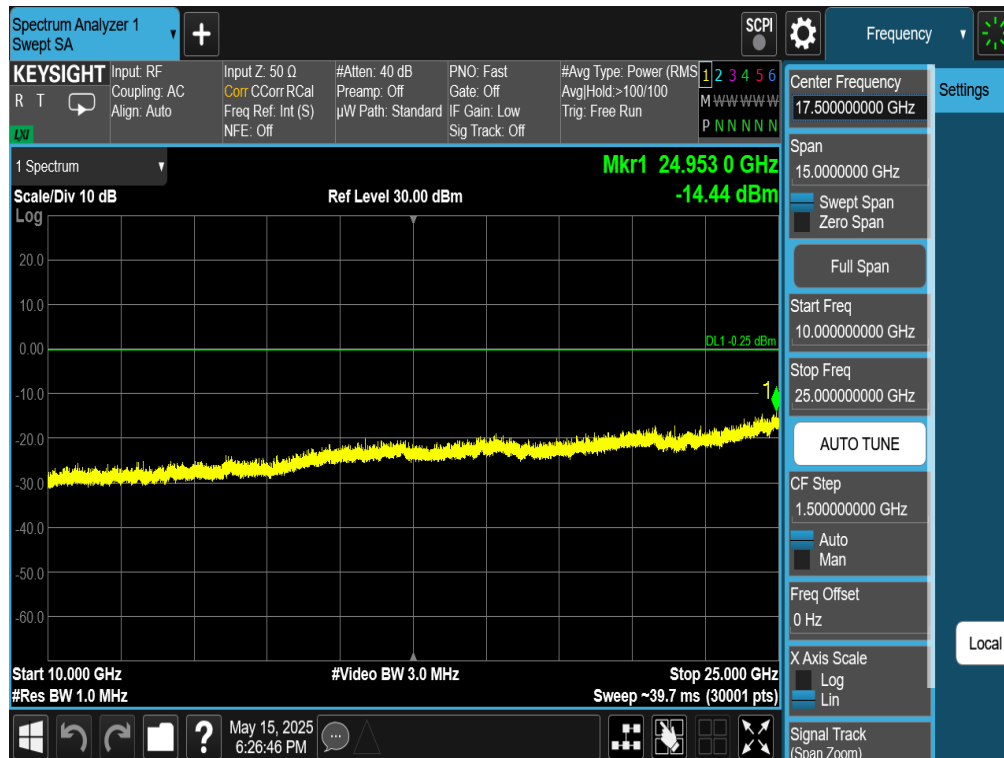
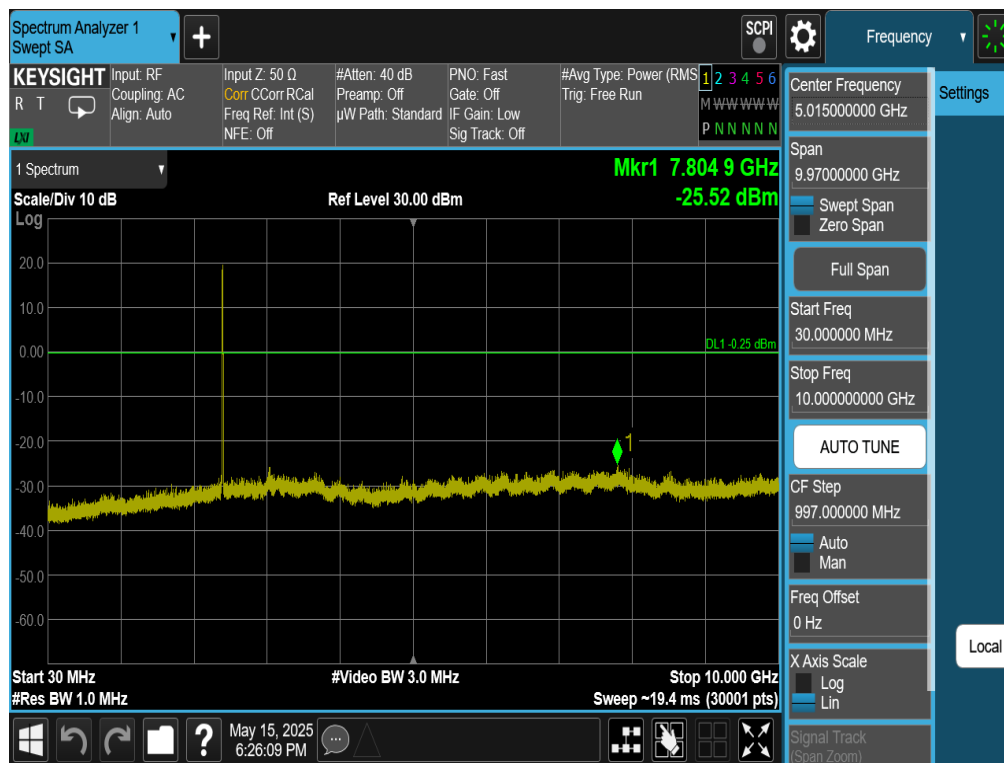
Test Notes

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 modes, data rates, and antenna configurations were investigated and only the worse case is reported.

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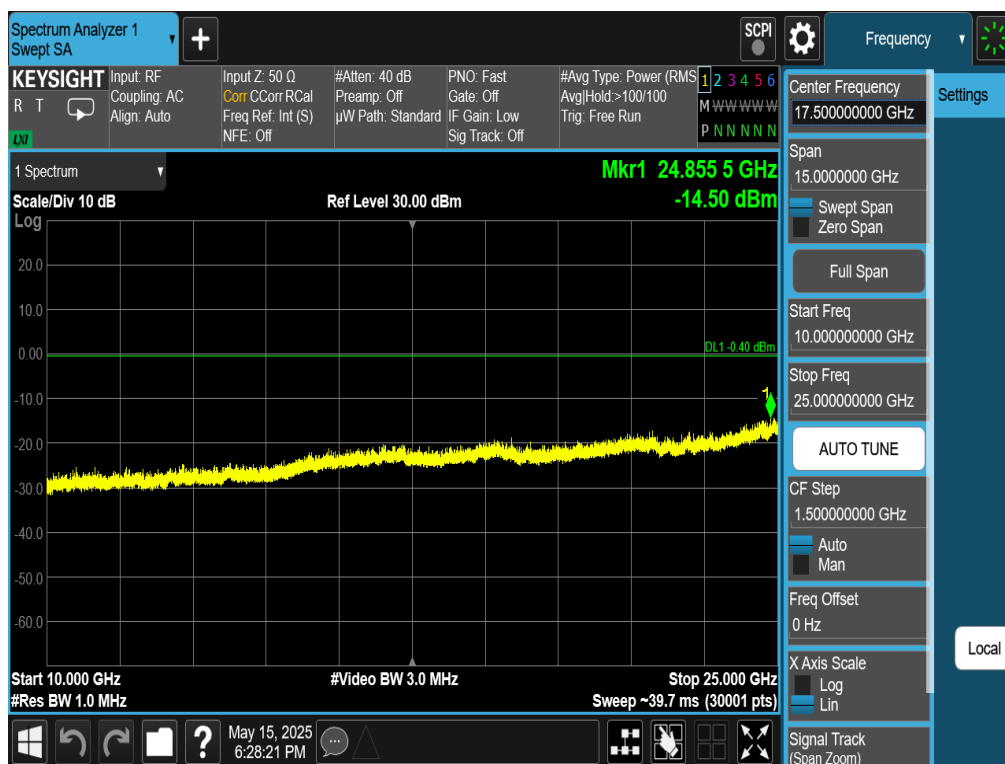
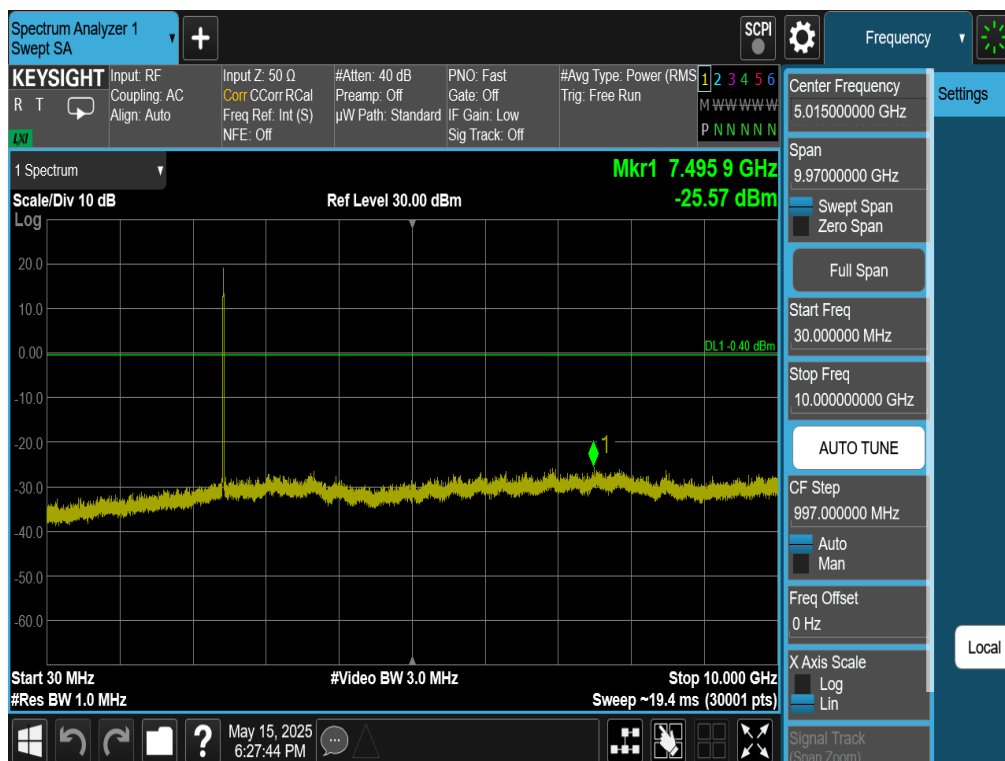
7.6.1 Antenna WF8 Conducted Spurious Emission



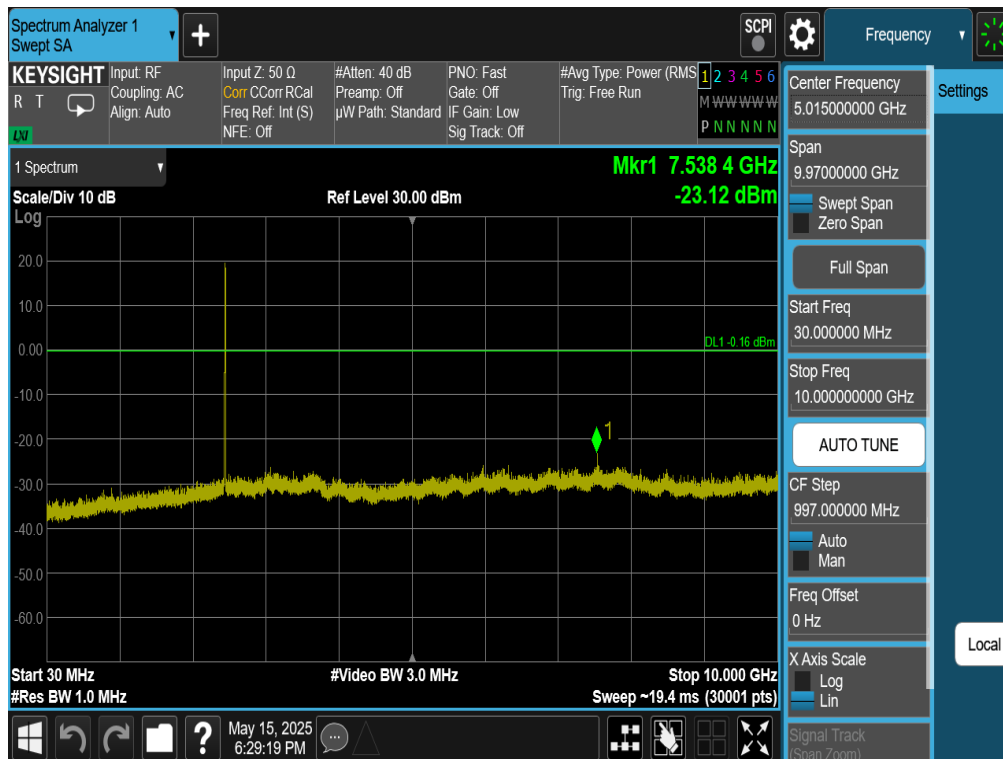
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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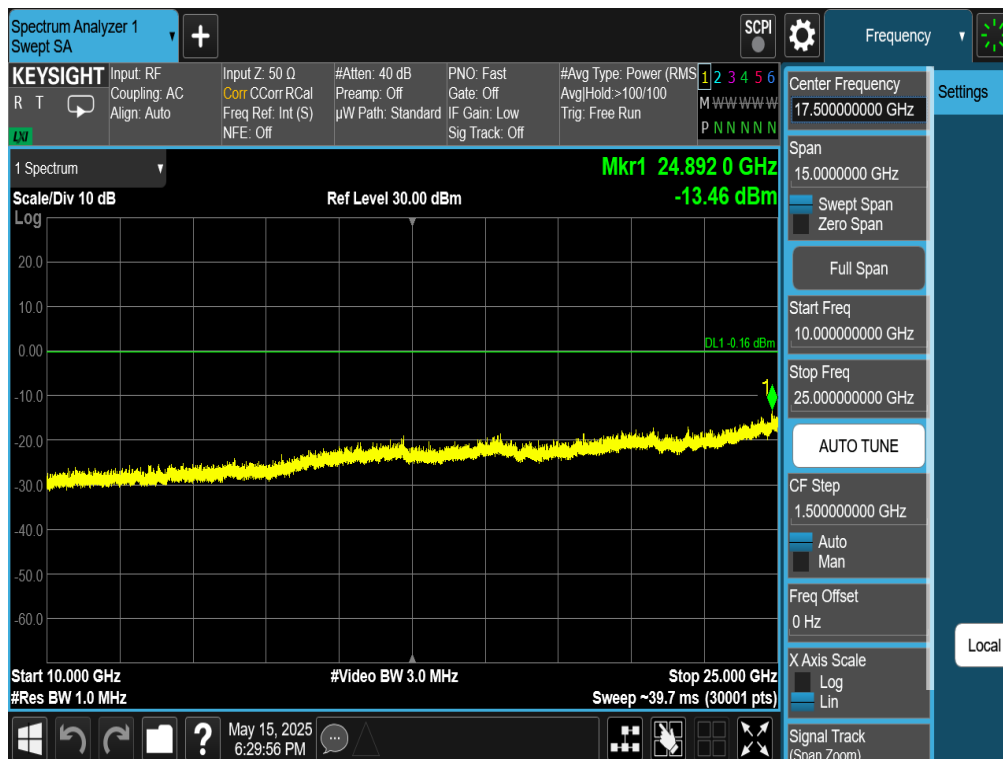
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Plot 7-177. Conducted Spurious Plot Antenna WF8 (802.11b – Ch. 11)



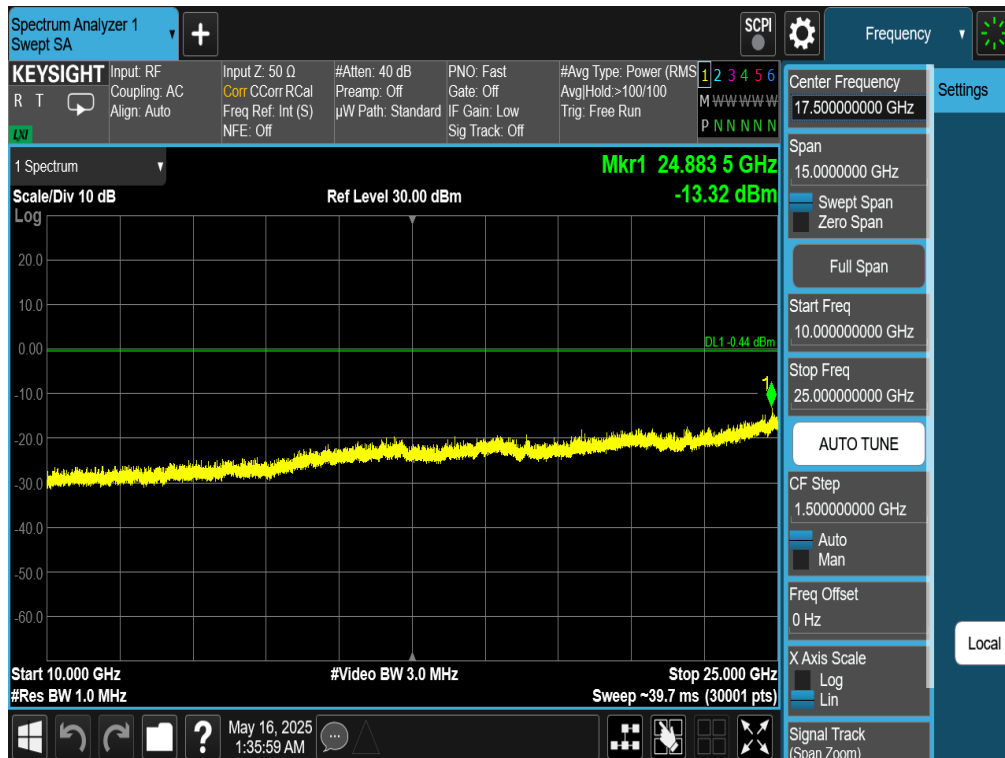
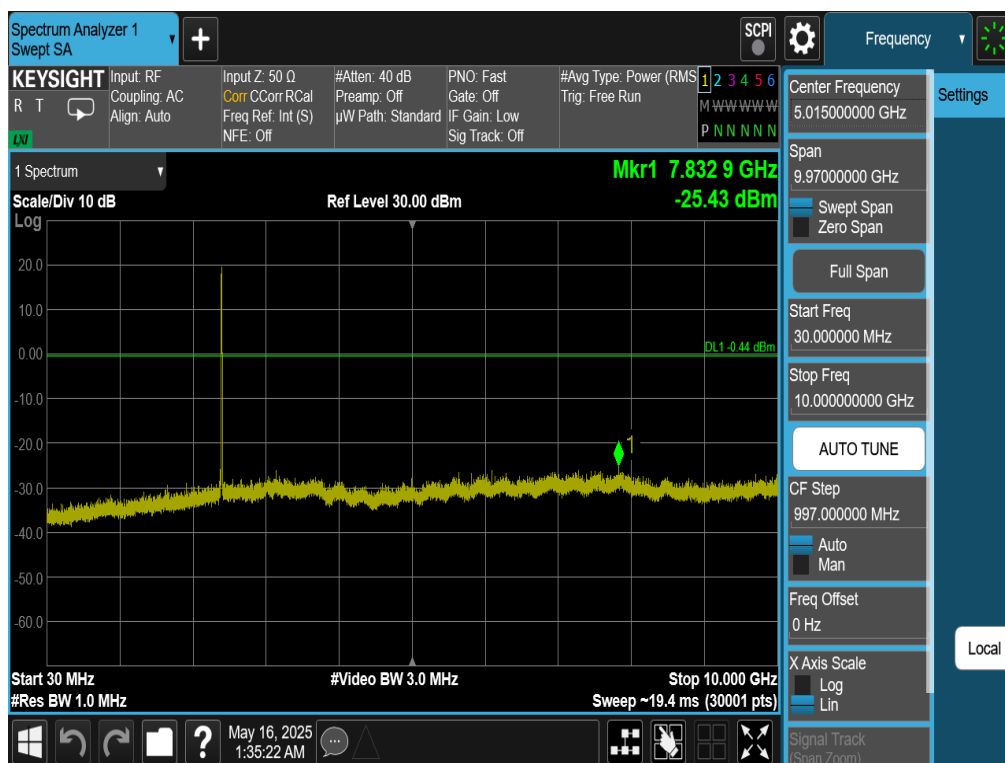
Plot 7-178. Conducted Spurious Plot Antenna WF8 (802.11b – Ch. 11)

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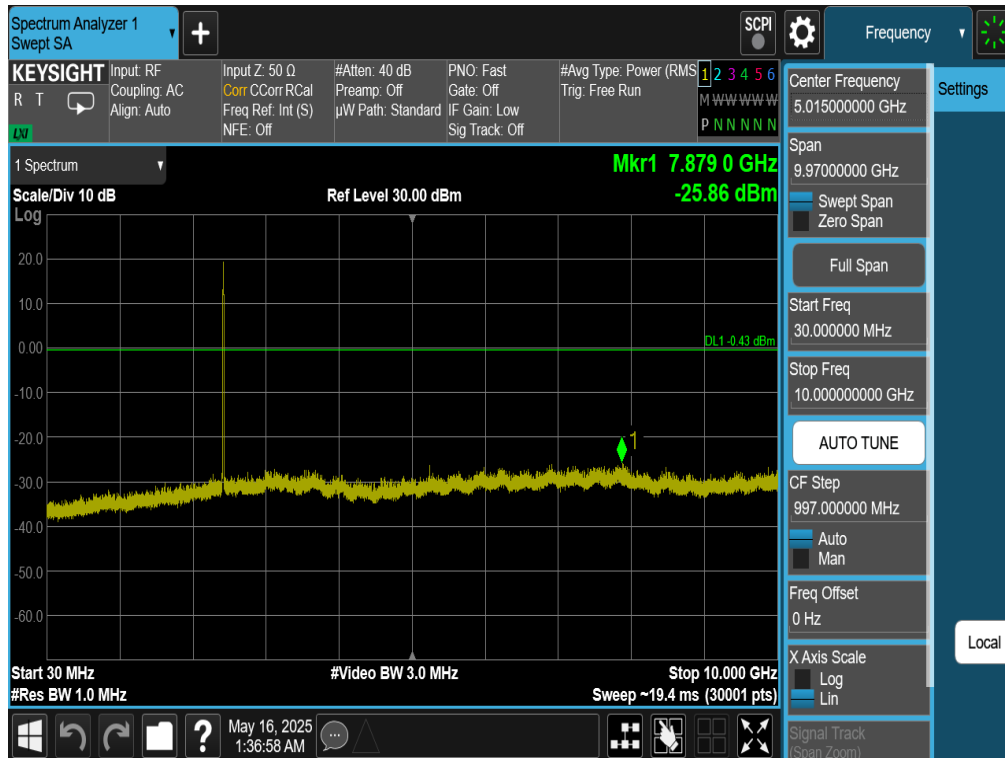
7.6.2 Antenna WF7 Conducted Spurious Emission



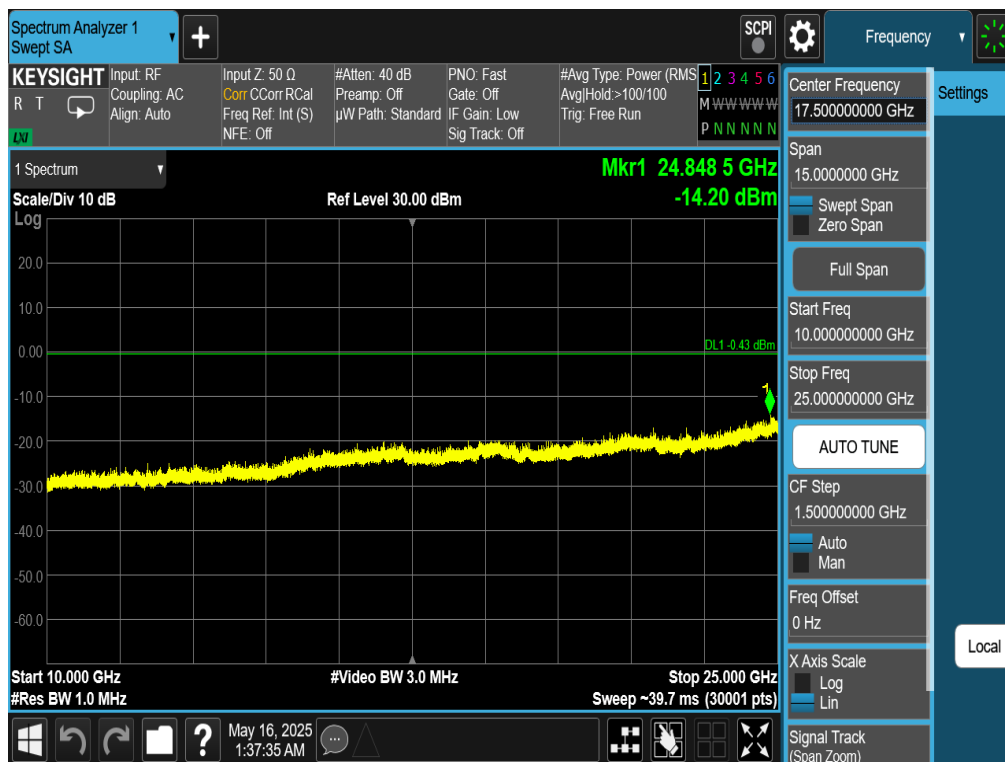
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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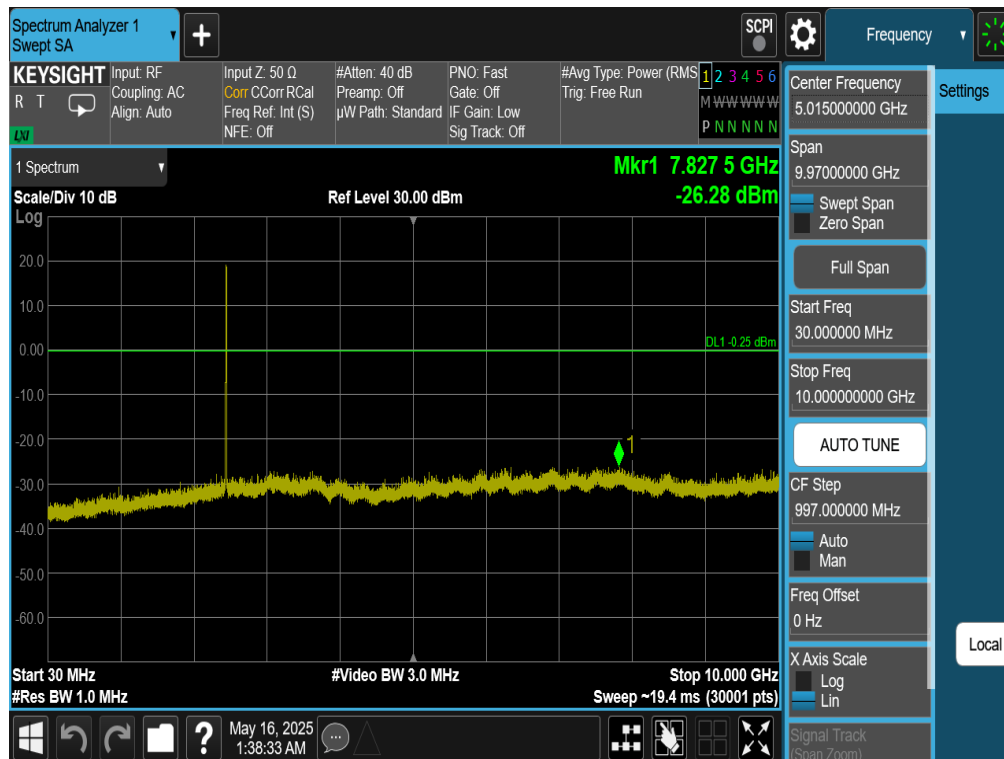


Plot 7-181. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 6)

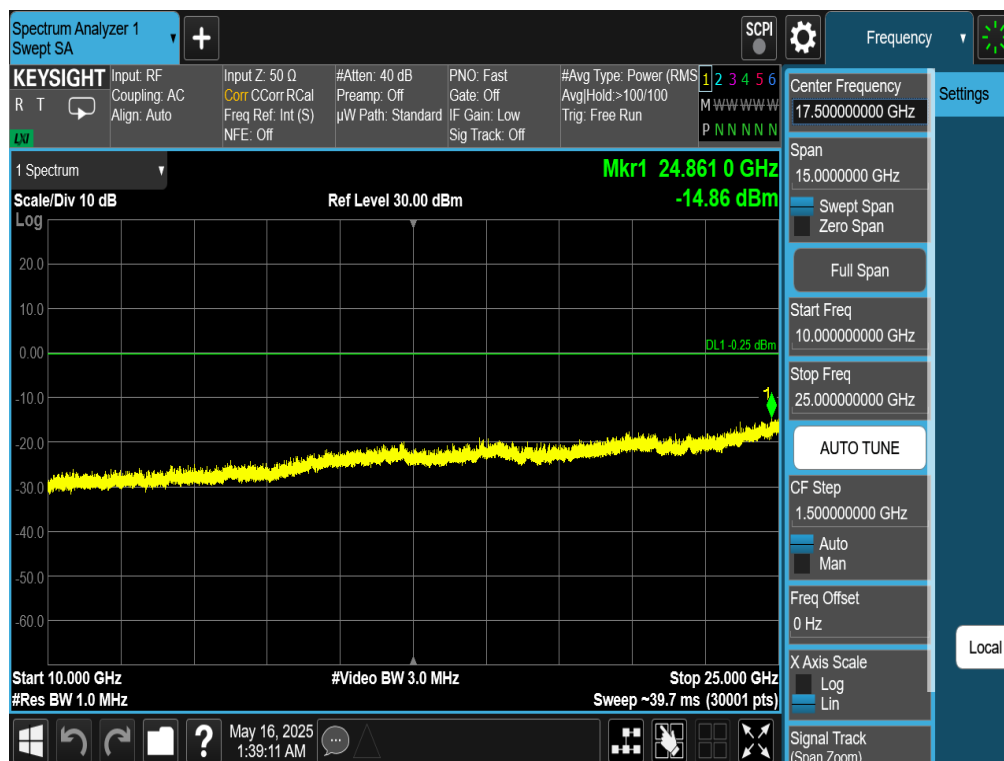


Plot 7-182. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 6)

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Plot 7-183. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 11)



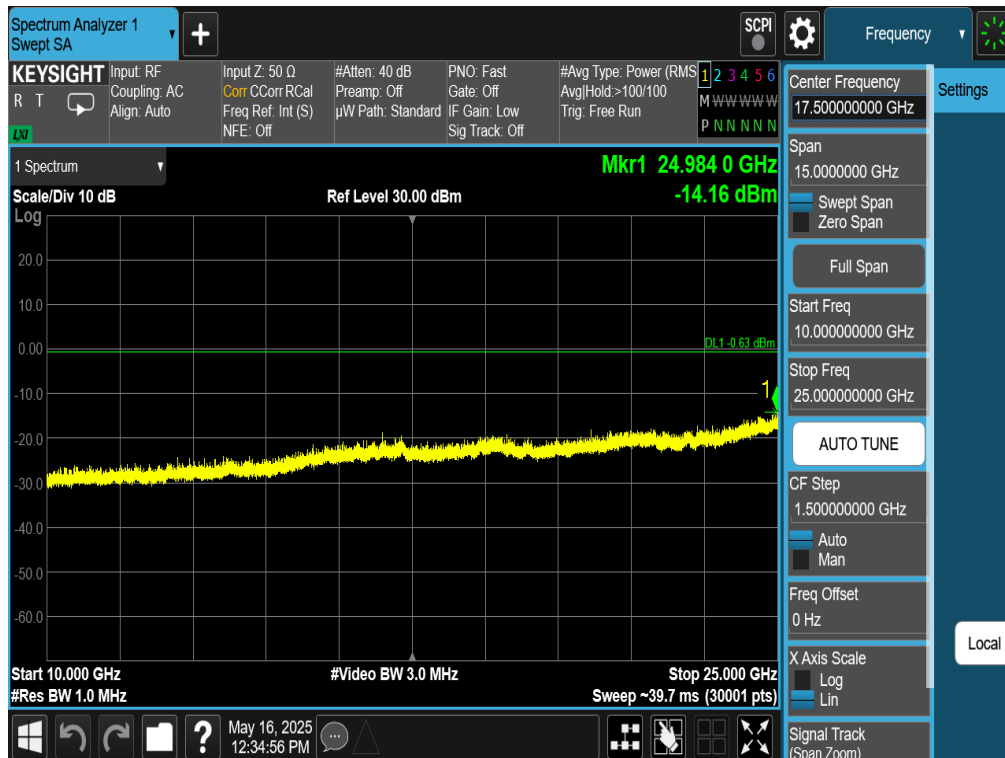
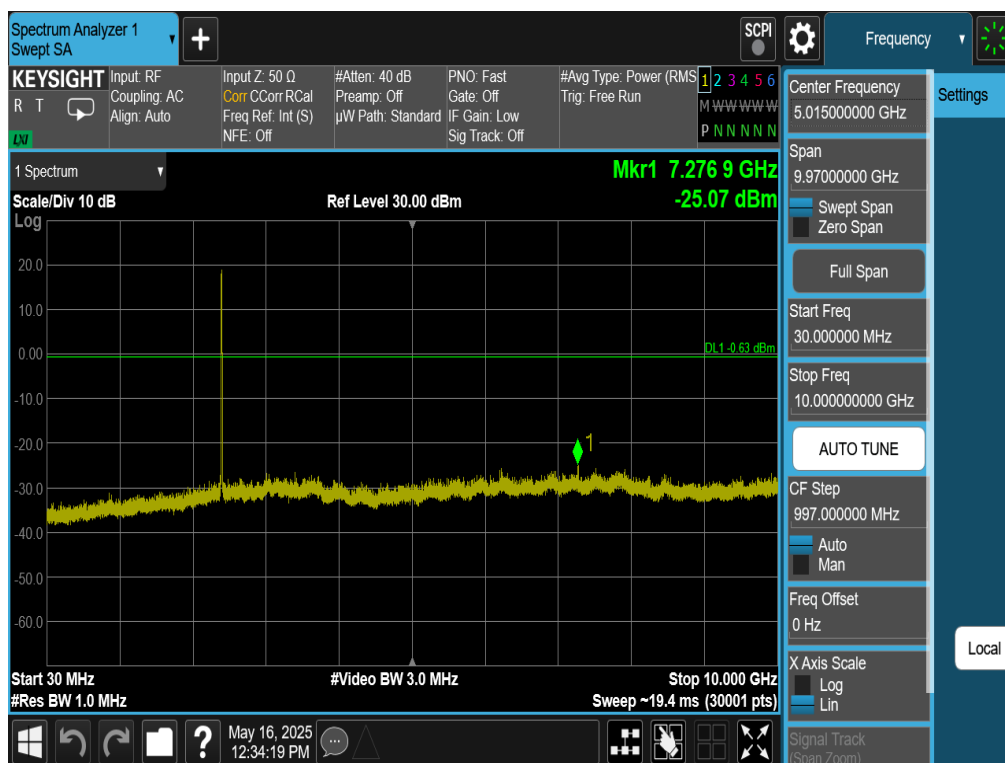
Plot 7-184. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 11)

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7.6.3 Antenna WF9 Conducted Spurious Emission



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