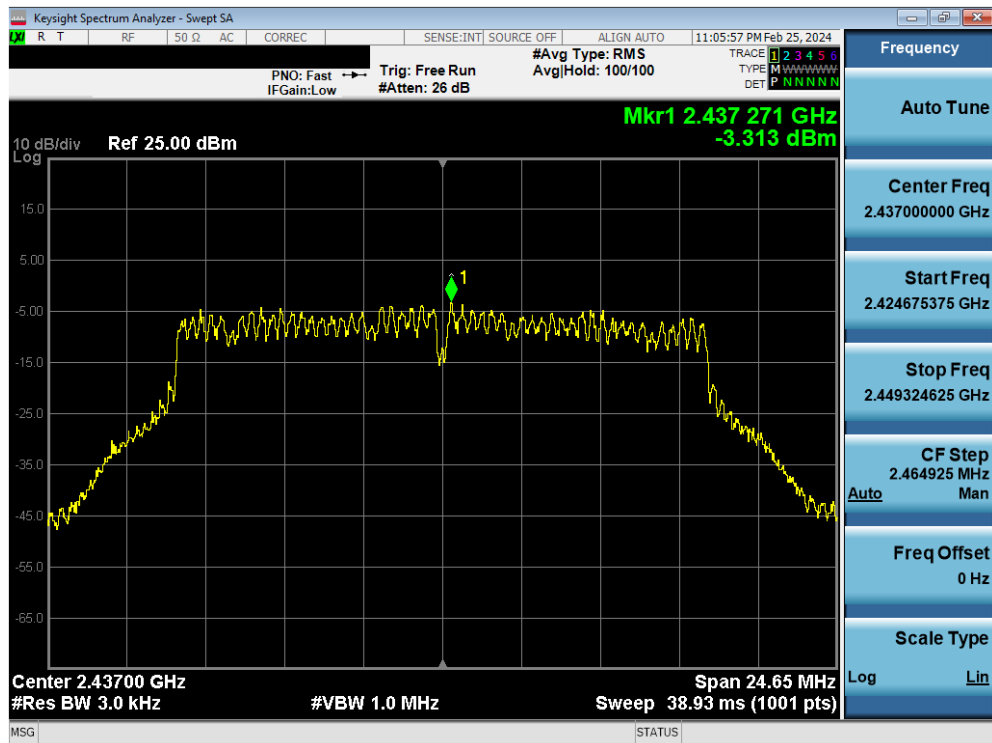
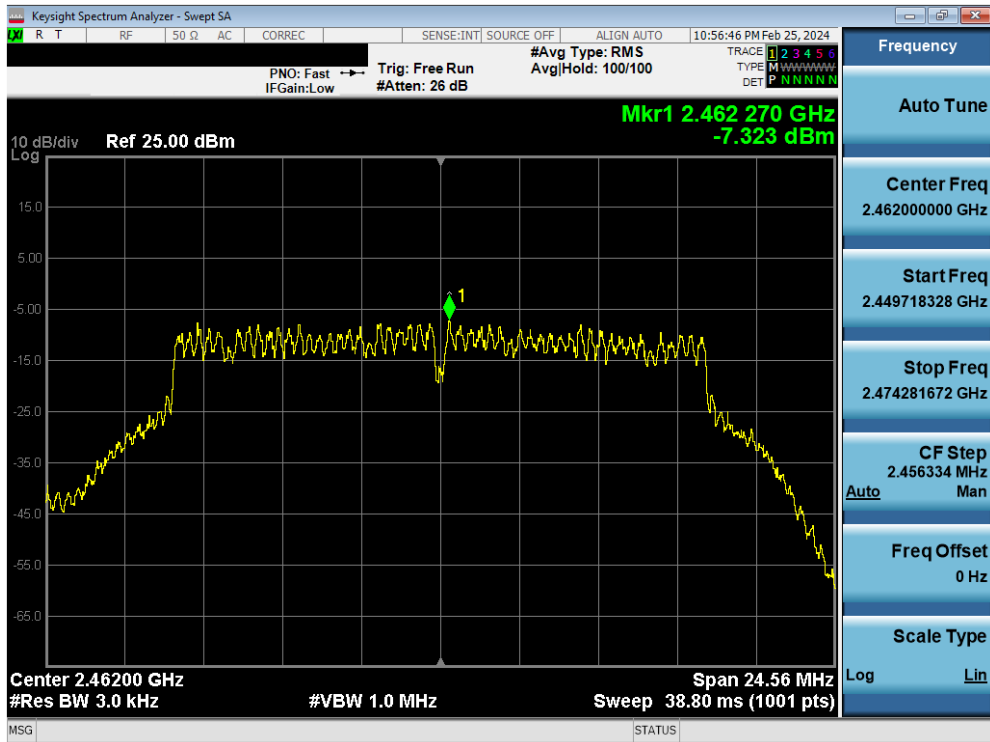


Plot 7-123. Power Spectral Density Plot CDD Antenna 4a (802.11g – Ch. 6) – 12Mbps

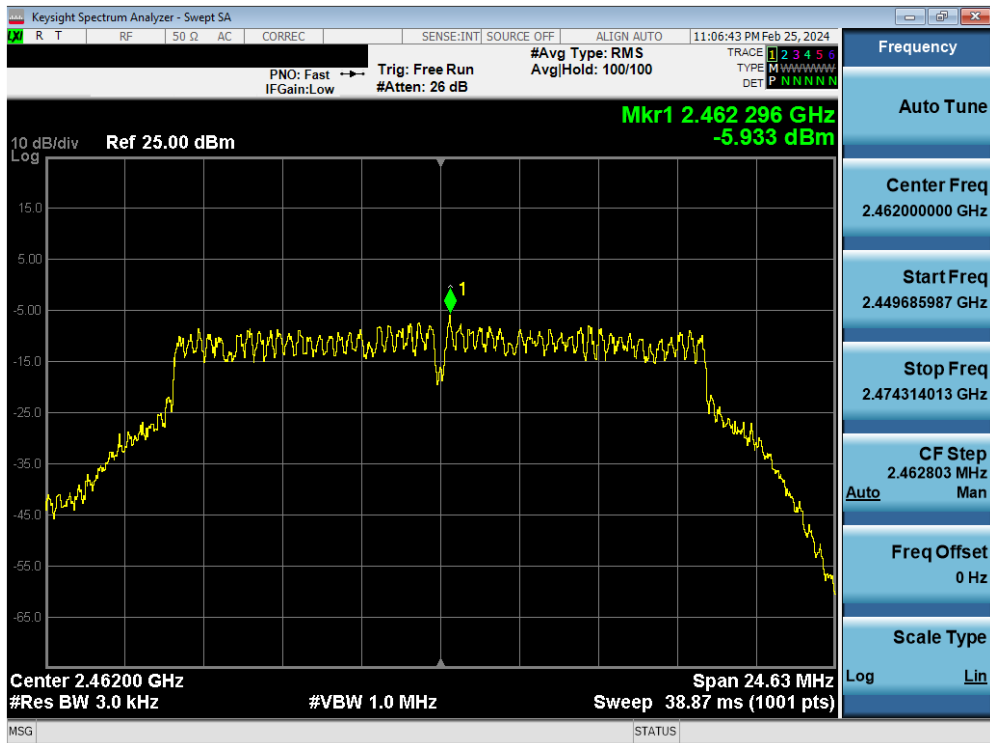


Plot 7-124. Power Spectral Density Plot CDD Antenna 2a (802.11g – Ch. 6) – 12Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 103 of 372

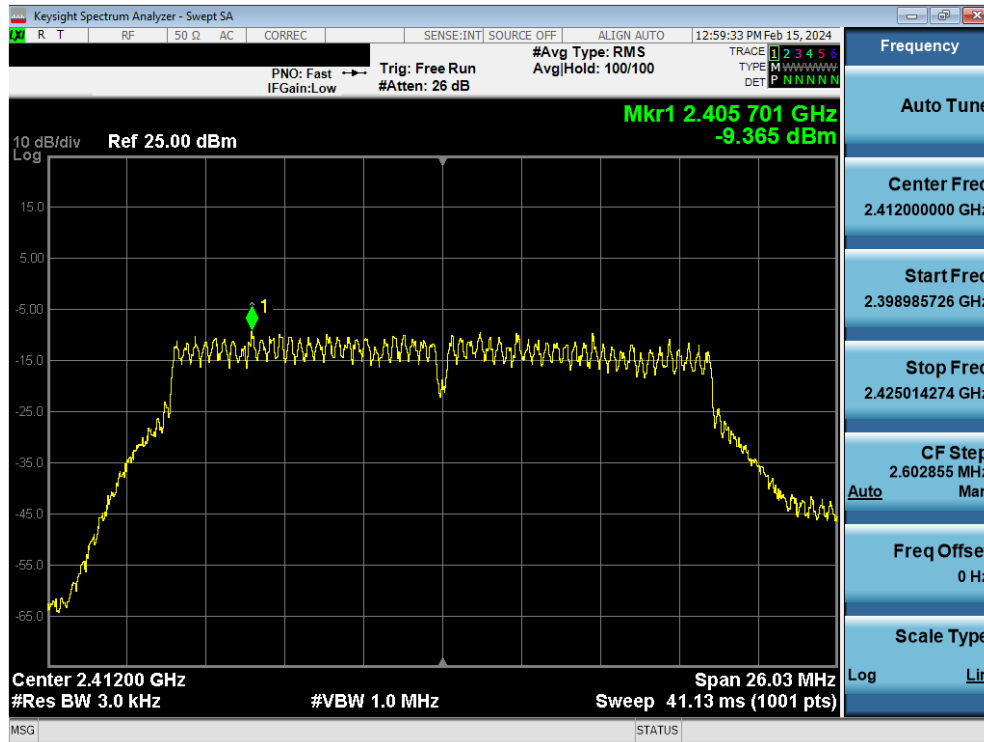


Plot 7-125. Power Spectral Density Plot CDD Antenna 4a (802.11g – Ch. 11) – 12Mbps

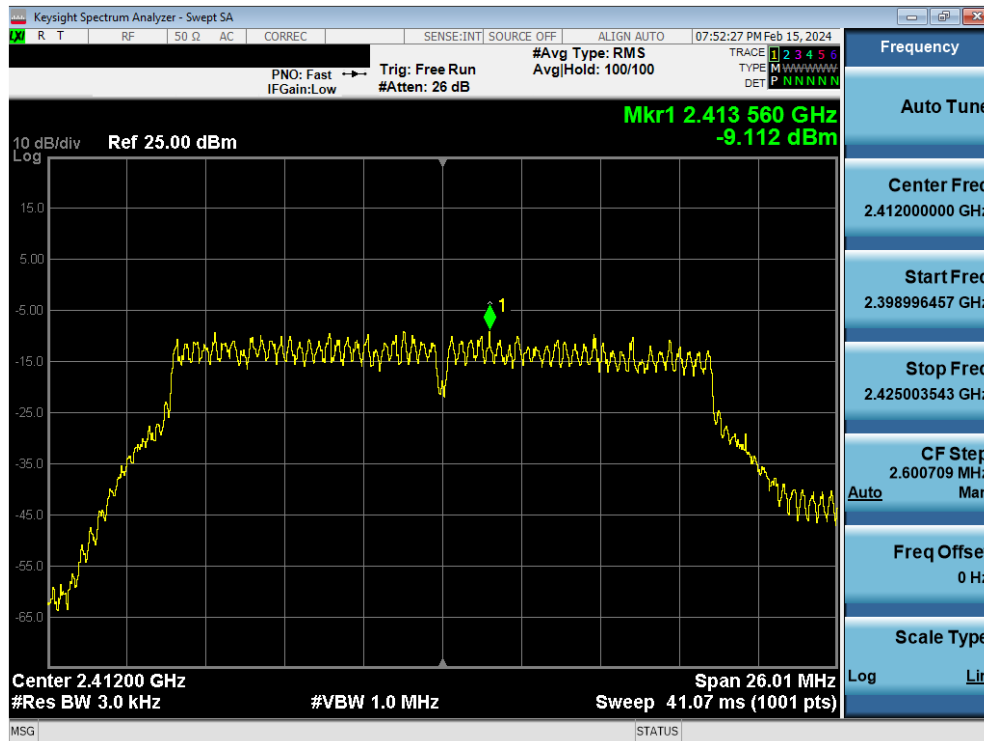


Plot 7-126. Power Spectral Density Plot CDD Antenna 2a (802.11g – Ch. 11) – 12Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 104 of 372

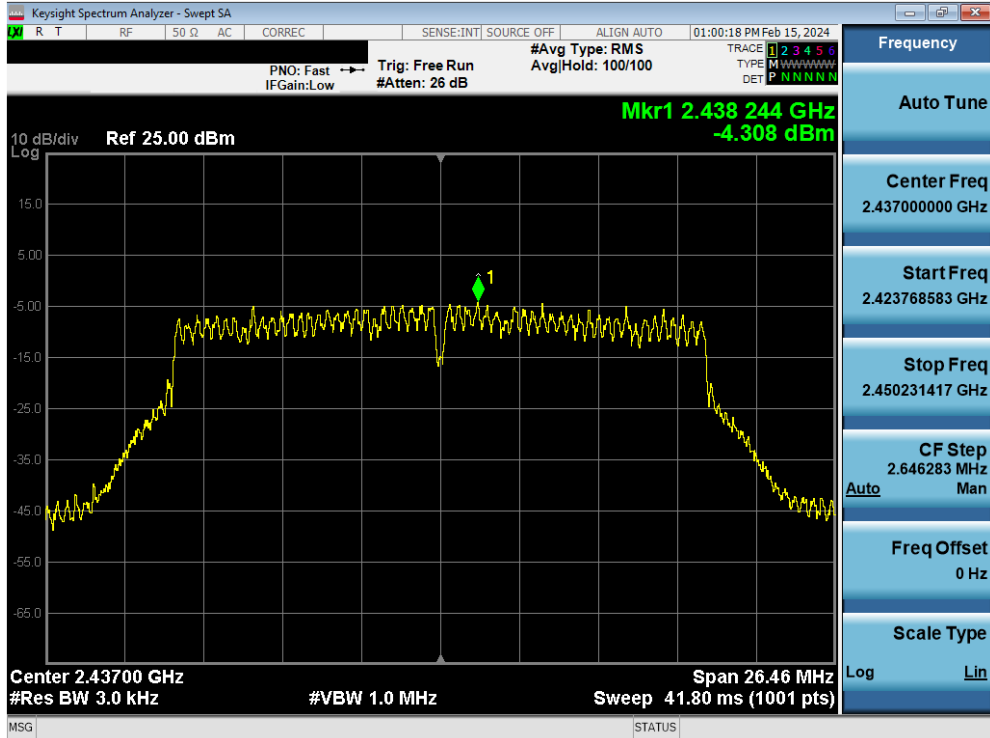


Plot 7-127. Power Spectral Density Plot CDD Antenna 4a (802.11n (2.4GHz) – Ch. 1) – MCS10

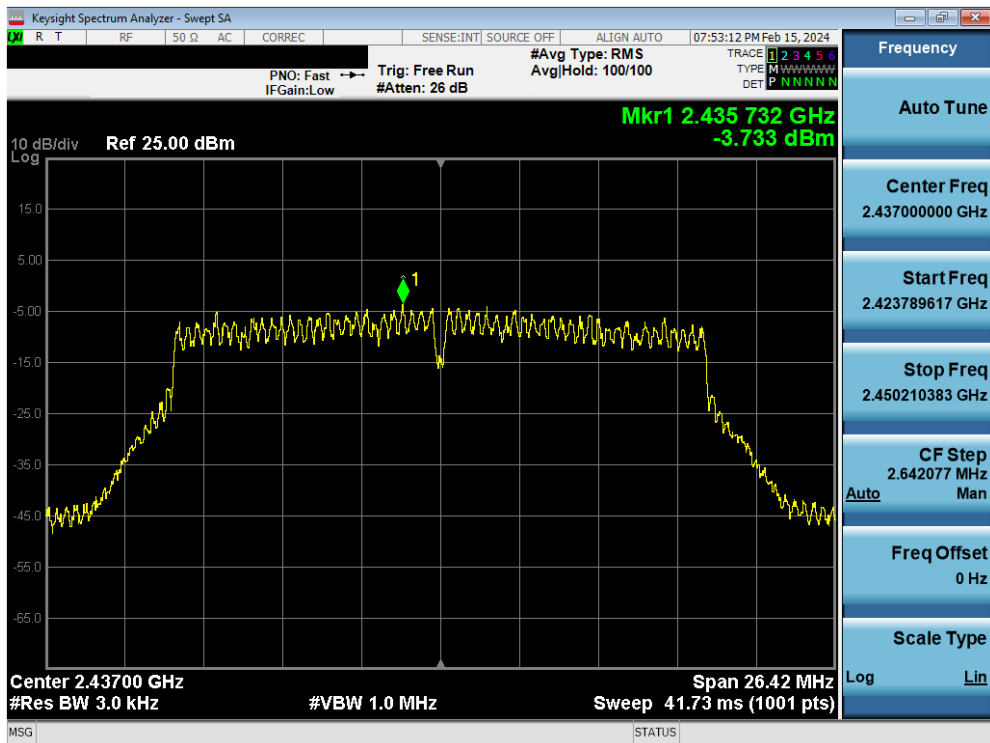


Plot 7-128. Power Spectral Density Plot CDD Antenna 2a (802.11n (2.4GHz) – Ch. 1) – MCS10

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 105 of 372

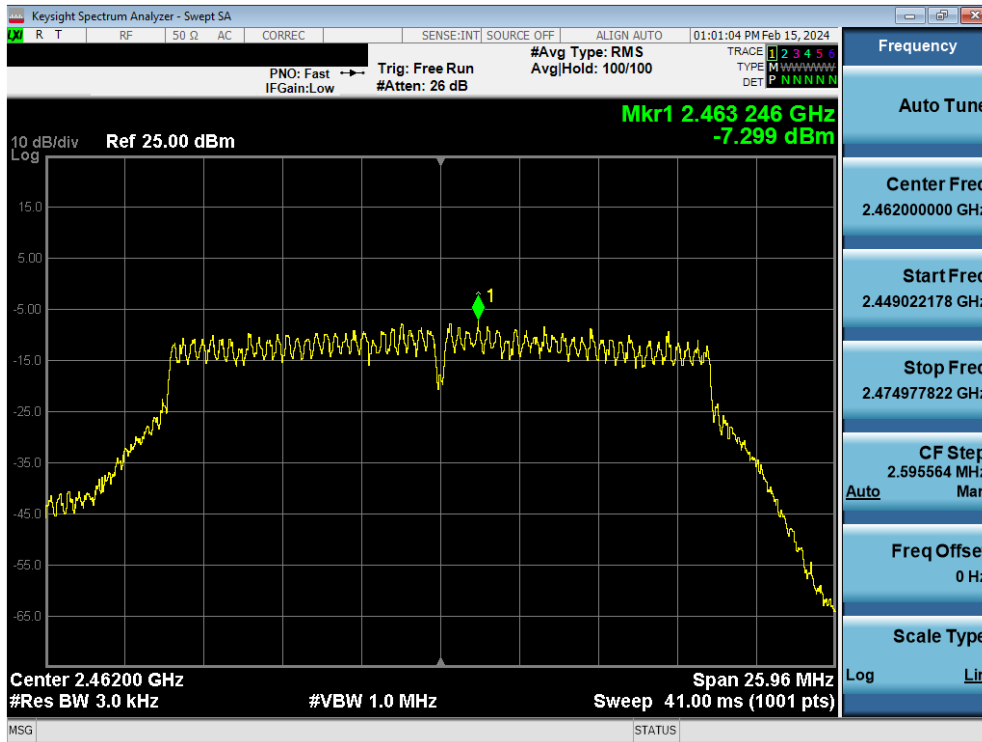


Plot 7-129. Power Spectral Density Plot CDD Antenna 4a (802.11n (2.4GHz) – Ch. 6) – MCS10

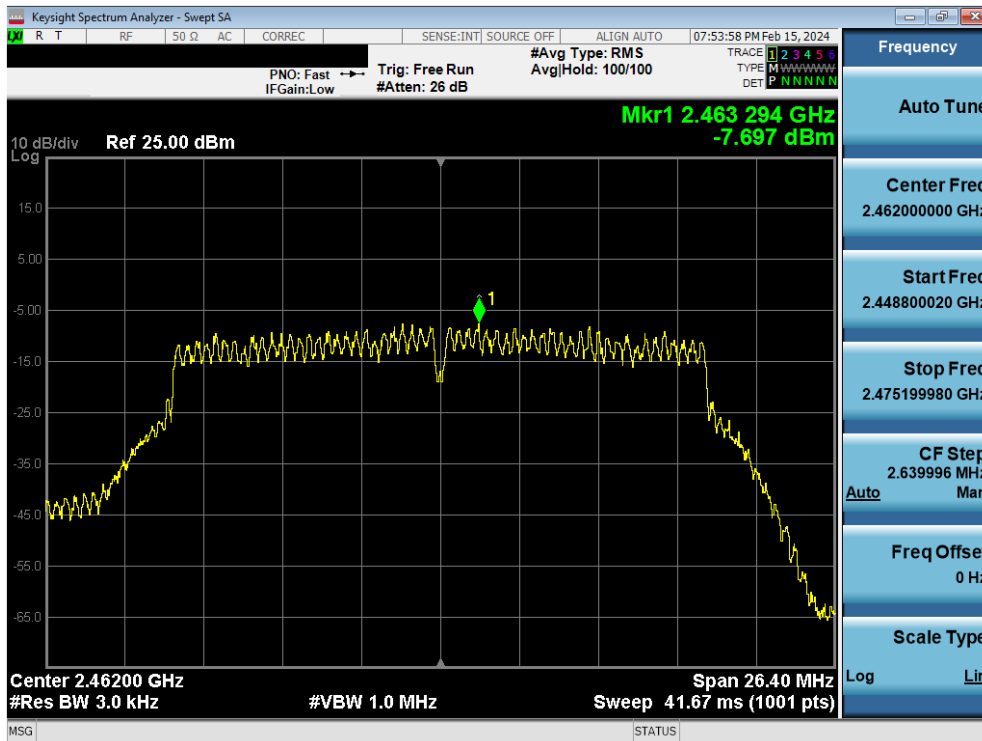


Plot 7-130. Power Spectral Density Plot CDD Antenna 2a (802.11n (2.4GHz) – Ch. 6) – MCS10

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 106 of 372

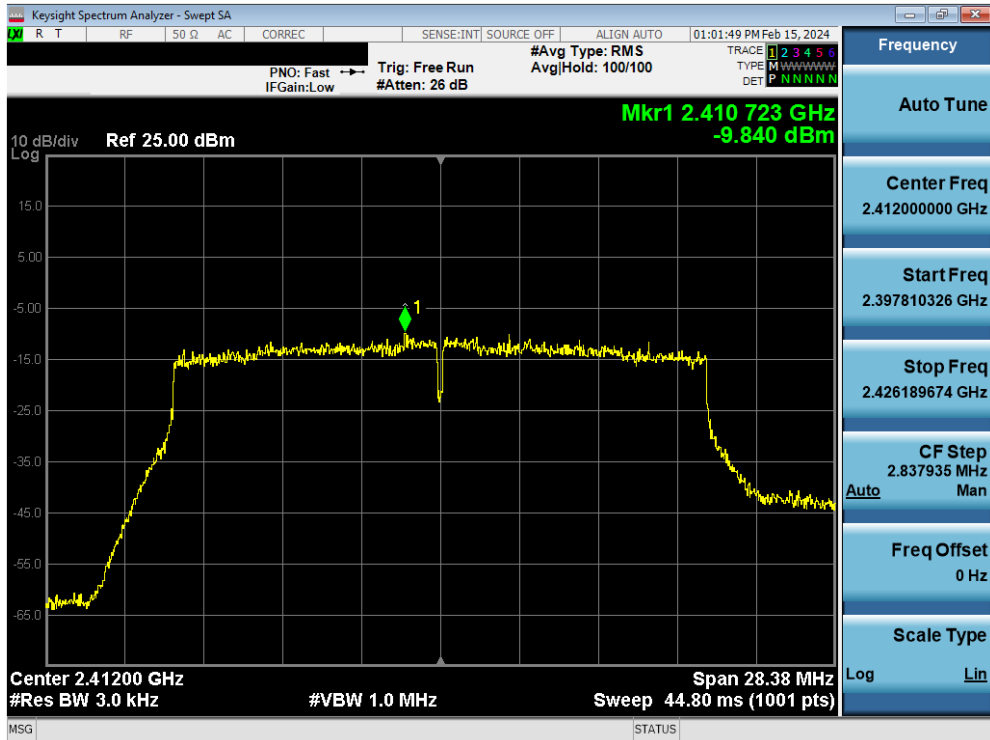


Plot 7-131. Power Spectral Density Plot CDD Antenna 4a (802.11n (2.4GHz) – Ch. 11) – MCS10

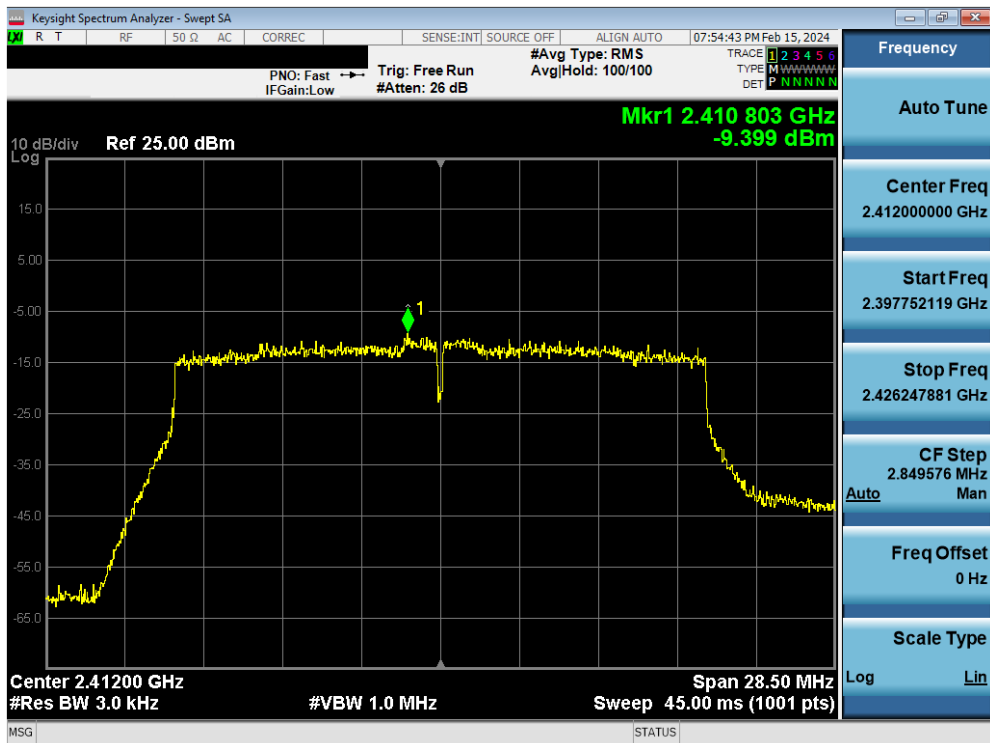


Plot 7-132. Power Spectral Density Plot CDD Antenna 2a (802.11n (2.4GHz) – Ch. 11) – MCS10

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 107 of 372

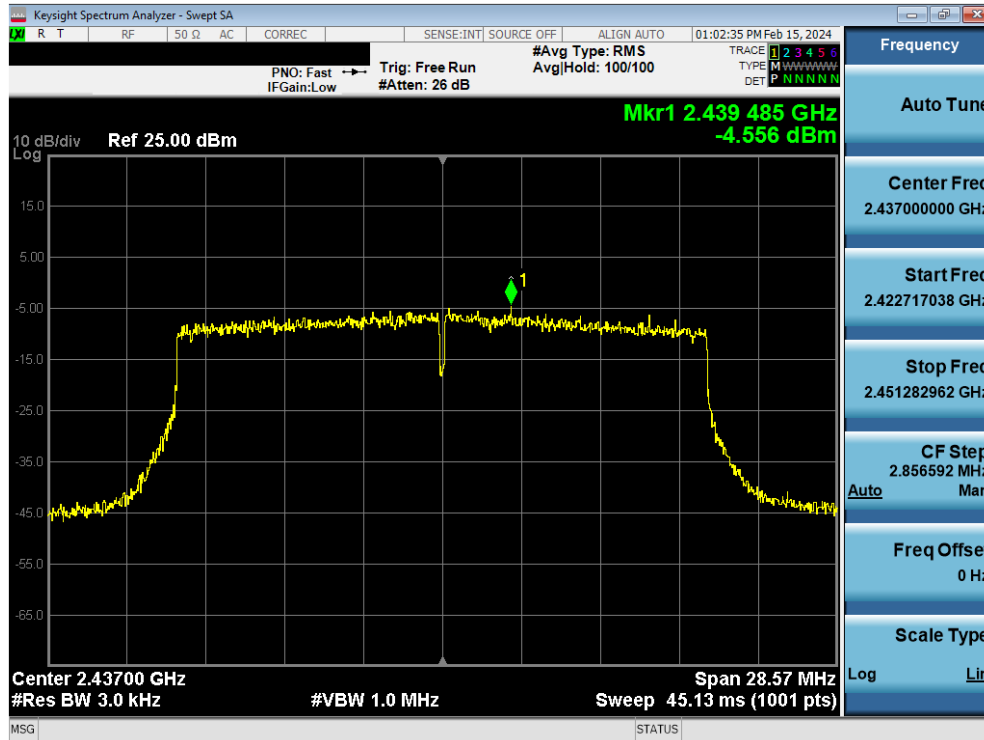


Plot 7-133. Power Spectral Density Plot CDD Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2

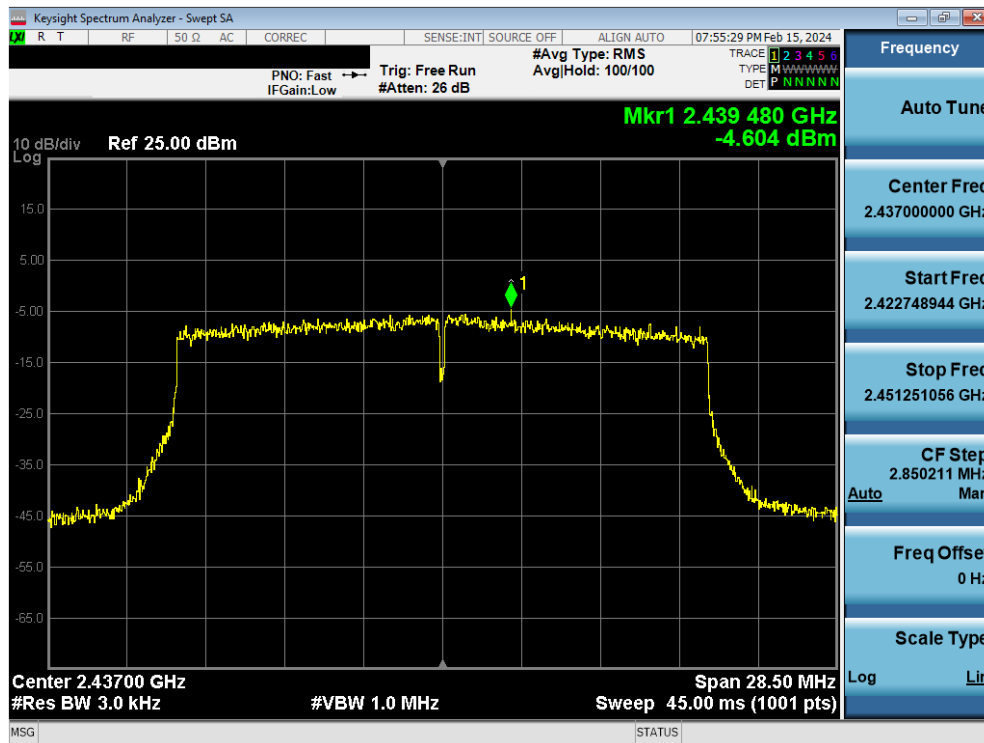


Plot 7-134. Power Spectral Density Plot CDD Antenna 2a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 108 of 372

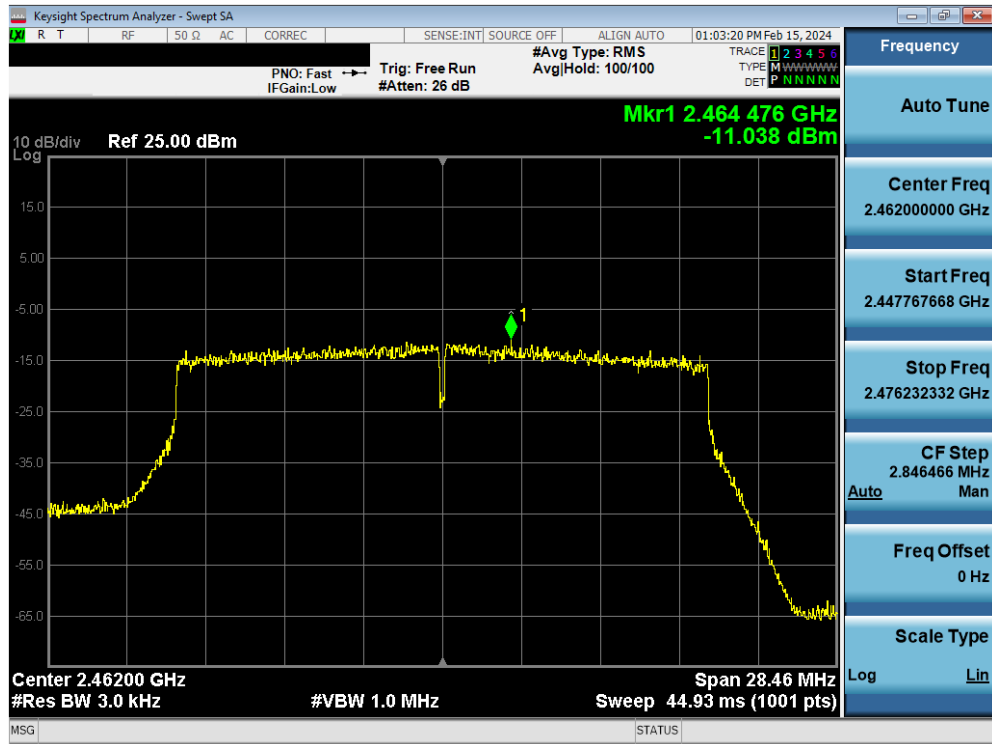


Plot 7-135. Power Spectral Density Plot CDD Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2

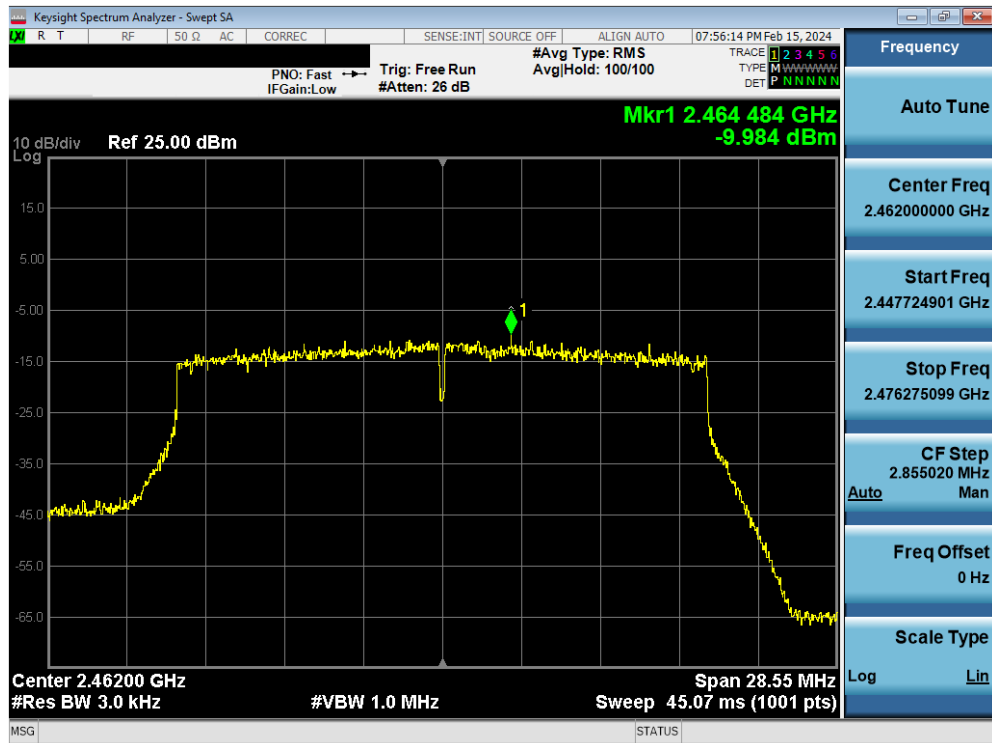


Plot 7-136. Power Spectral Density Plot CDD Antenna 2a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 109 of 372



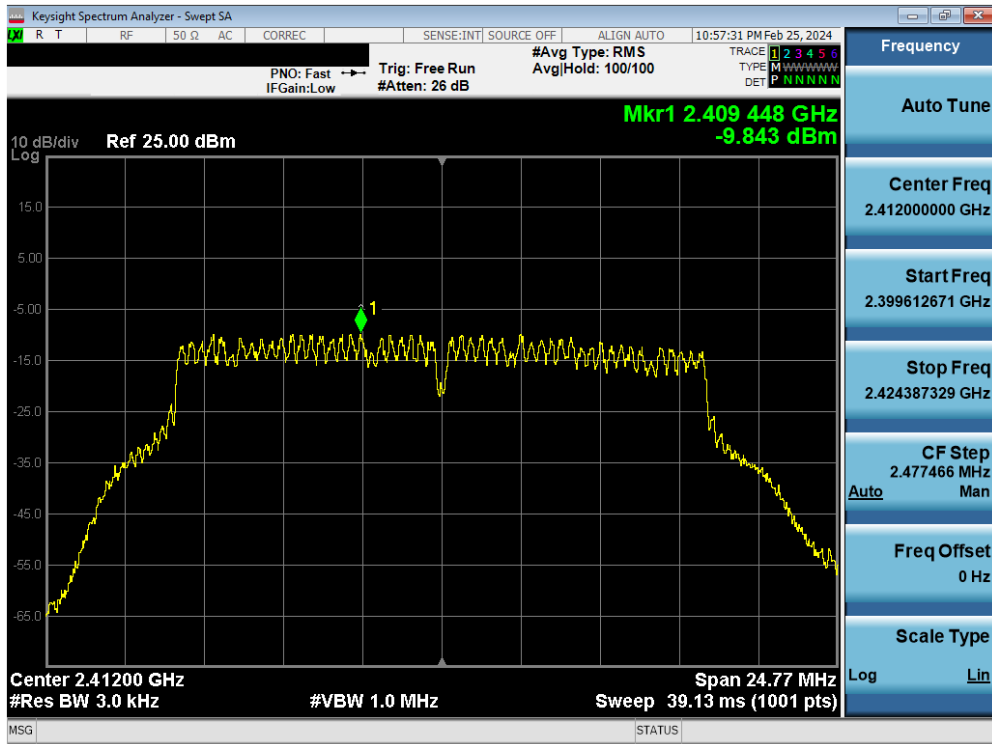
Plot 7-137. Power Spectral Density Plot CDD Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2



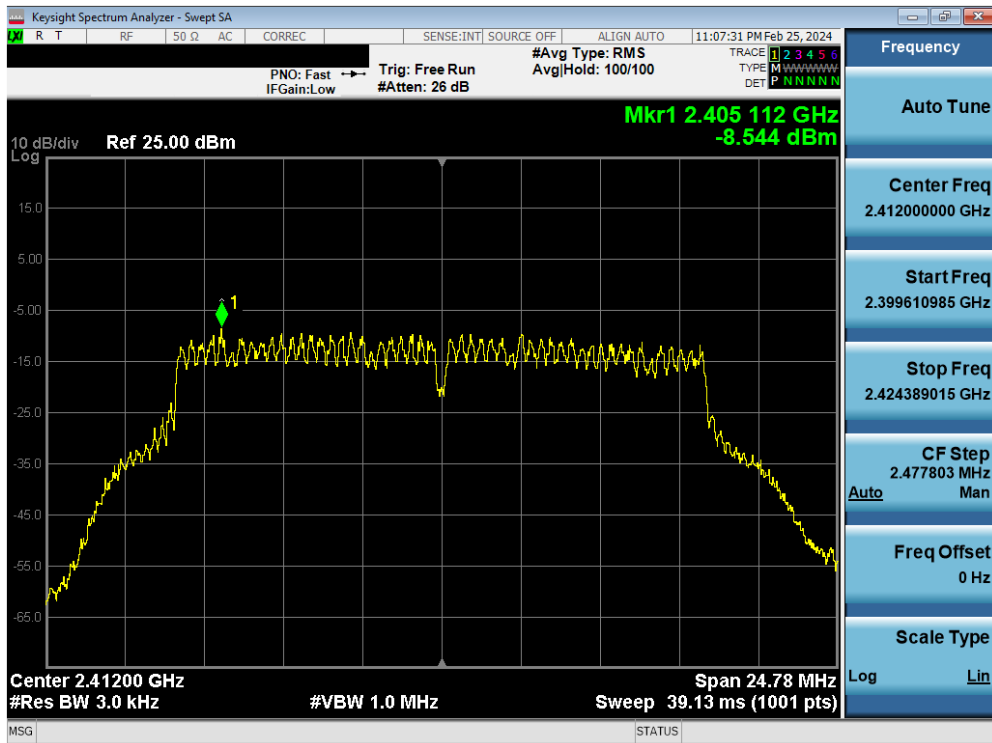
Plot 7-138. Power Spectral Density Plot CDD Antenna 2a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 110 of 372

Mid Rate

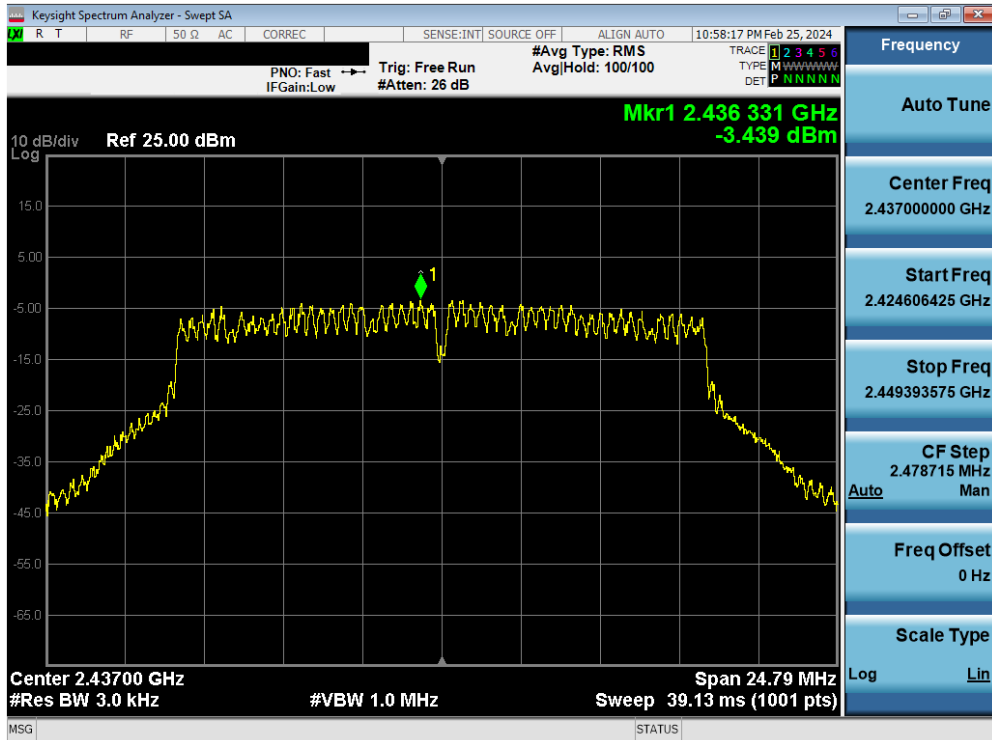


Plot 7-139. Power Spectral Density Plot CDD Antenna 4a (802.11g– Ch. 1) – 24Mbps

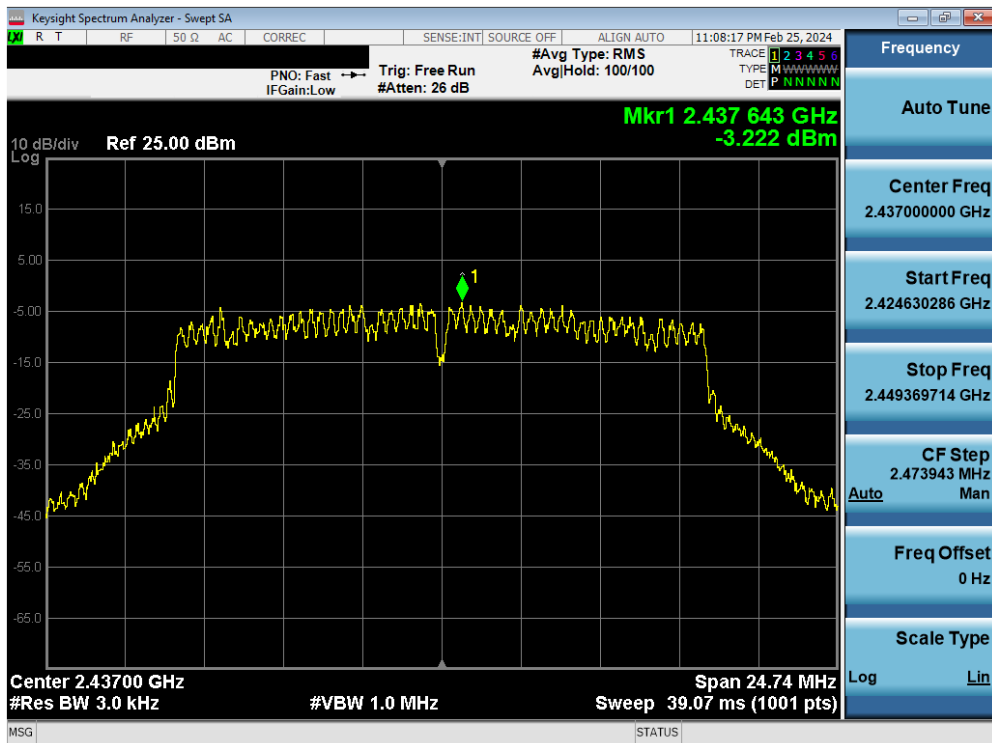


Plot 7-140. Power Spectral Density Plot CDD Antenna 2a (802.11g– Ch. 1) – 24Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 111 of 372

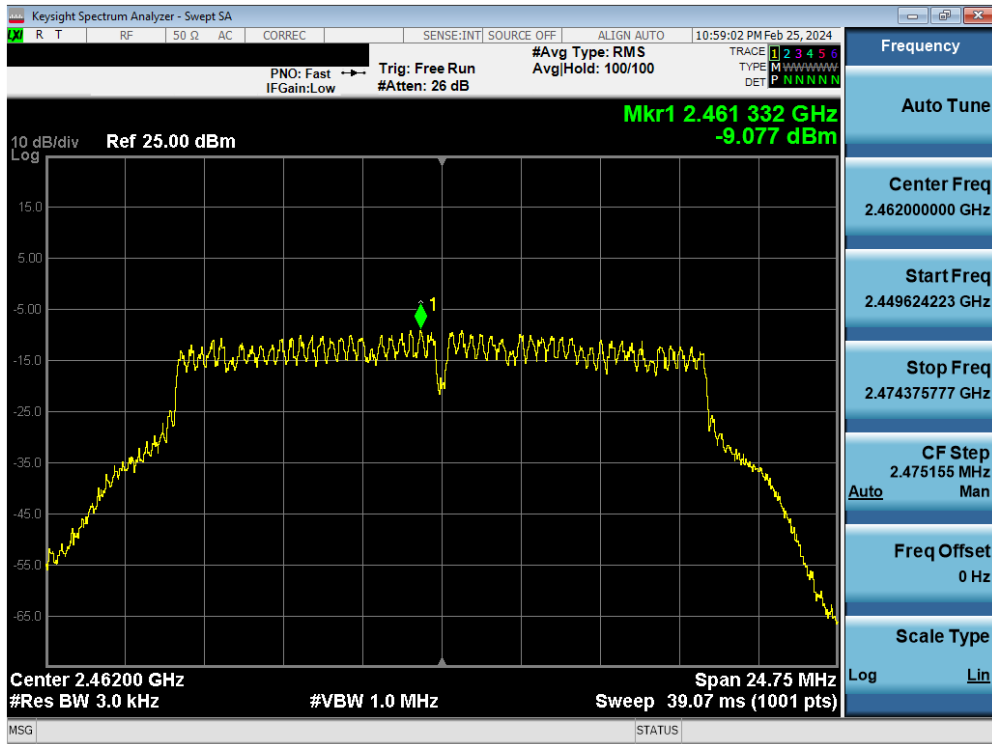


Plot 7-141. Power Spectral Density Plot CDD Antenna 4a (802.11g– Ch. 6) – 24Mbps

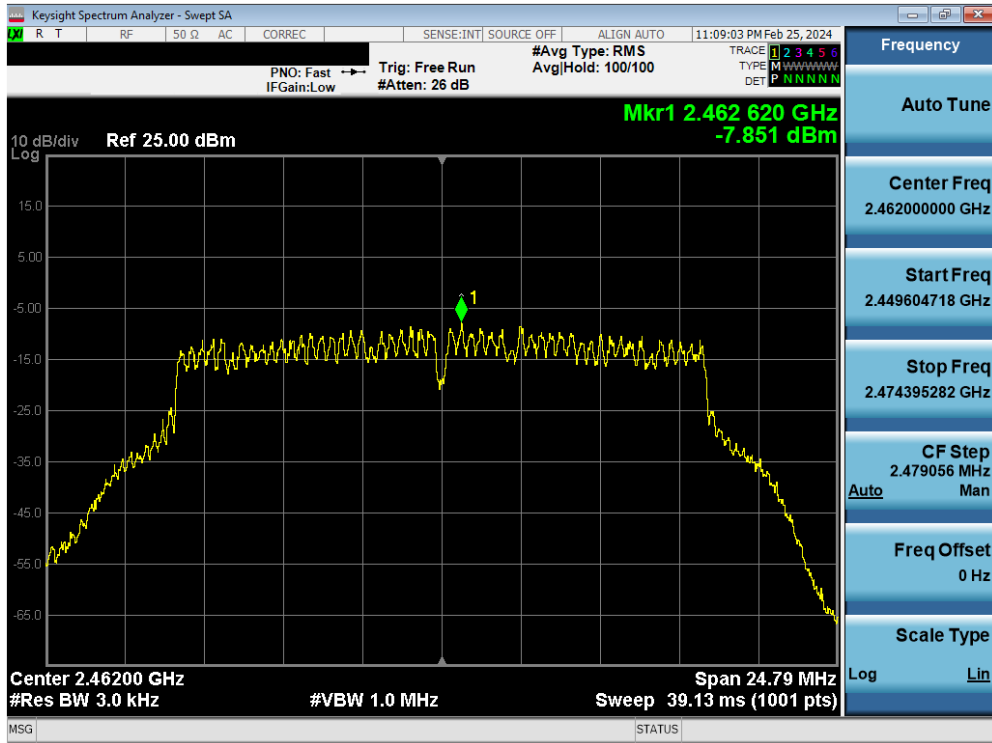


Plot 7-142. Power Spectral Density Plot CDD Antenna 2a (802.11g– Ch. 6) – 24Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 112 of 372

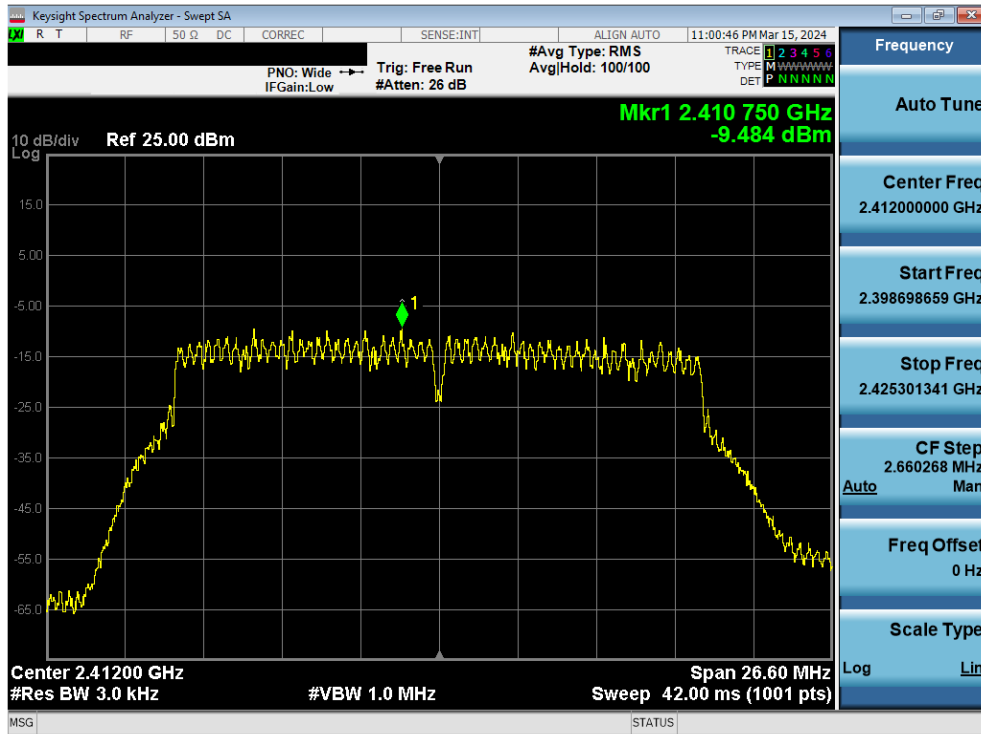


Plot 7-143. Power Spectral Density Plot CDD Antenna 4a (802.11g– Ch. 11) – 24Mbps

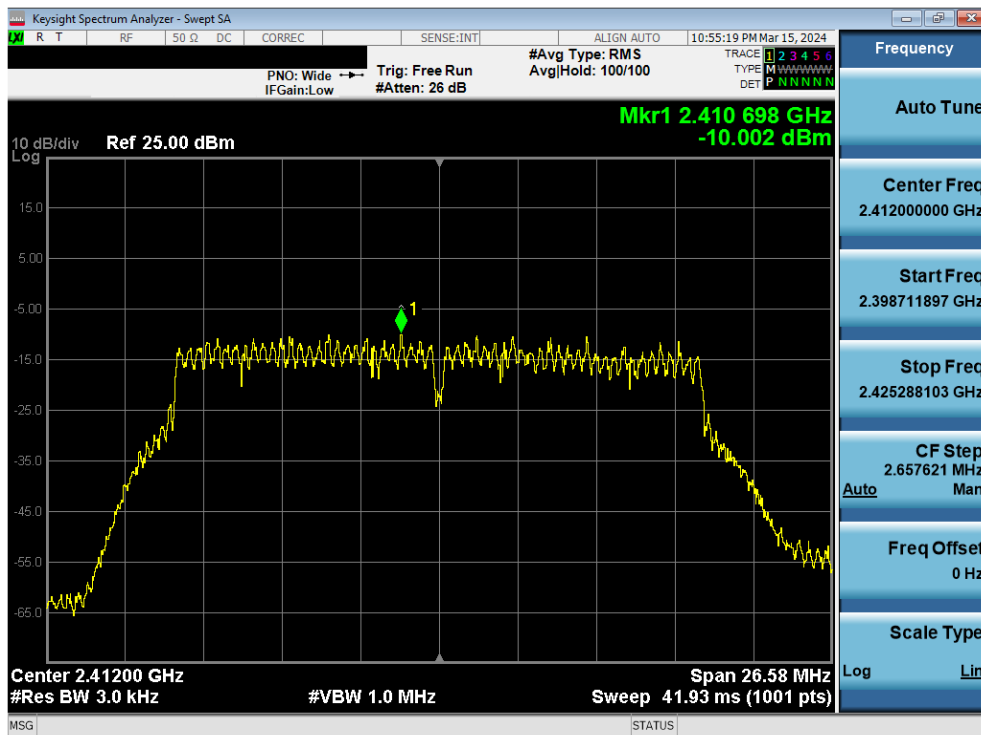


Plot 7-144. Power Spectral Density Plot CDD Antenna 2a (802.11g– Ch. 11) – 24Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 113 of 372

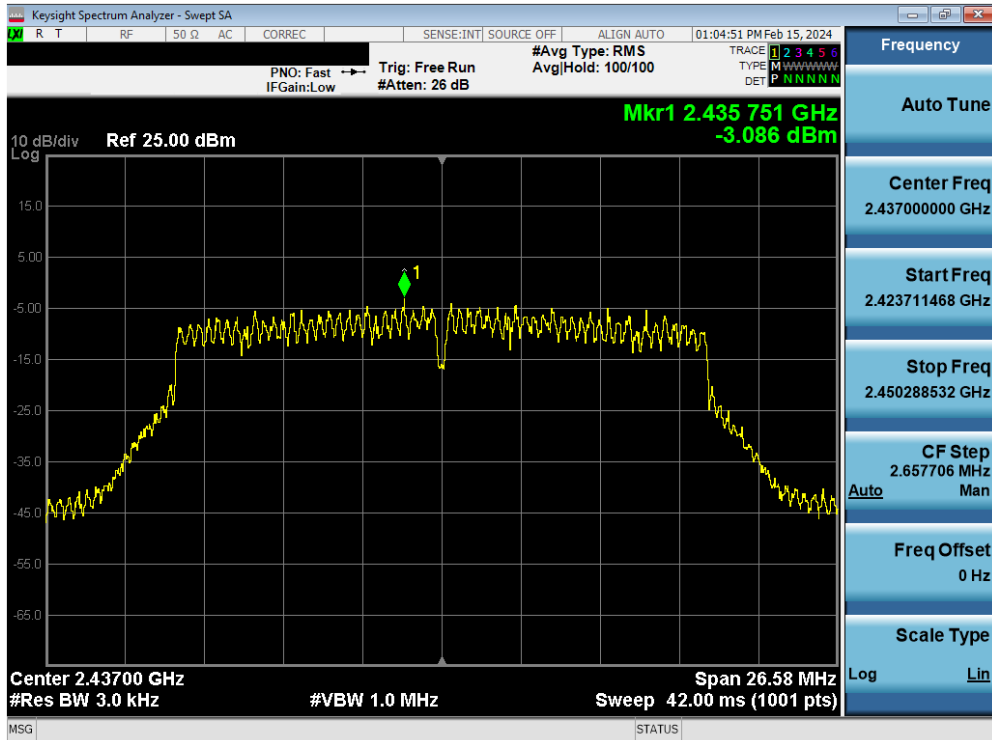


Plot 7-145. Power Spectral Density Plot CDD Antenna 4a (802.11n (2.4GHz) – Ch. 1) – MCS12

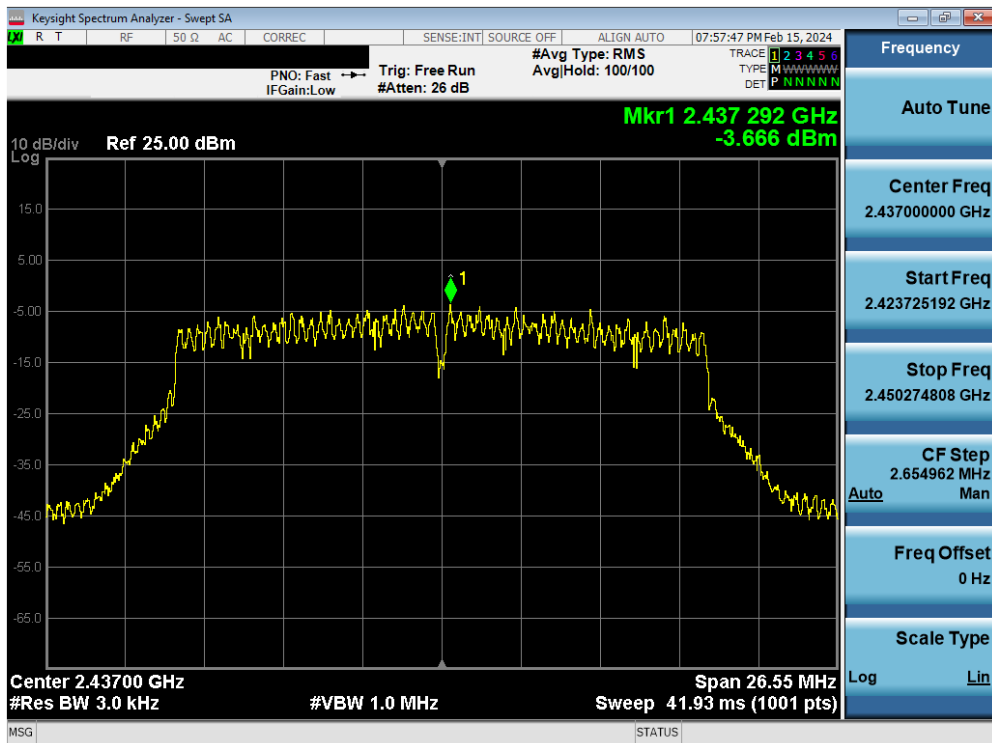


Plot 7-146. Power Spectral Density Plot CDD Antenna 2a (802.11n (2.4GHz) – Ch. 1) – MCS12

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 114 of 372

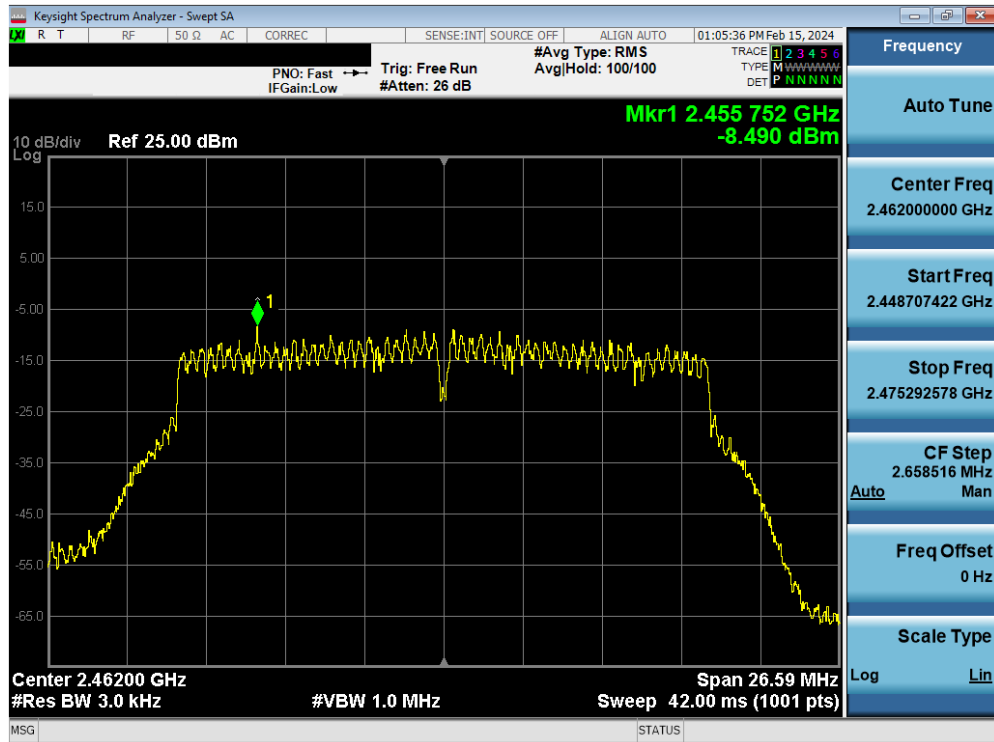


Plot 7-147. Power Spectral Density Plot CDD Antenna 4a (802.11n (2.4GHz) – Ch. 6) – MCS12

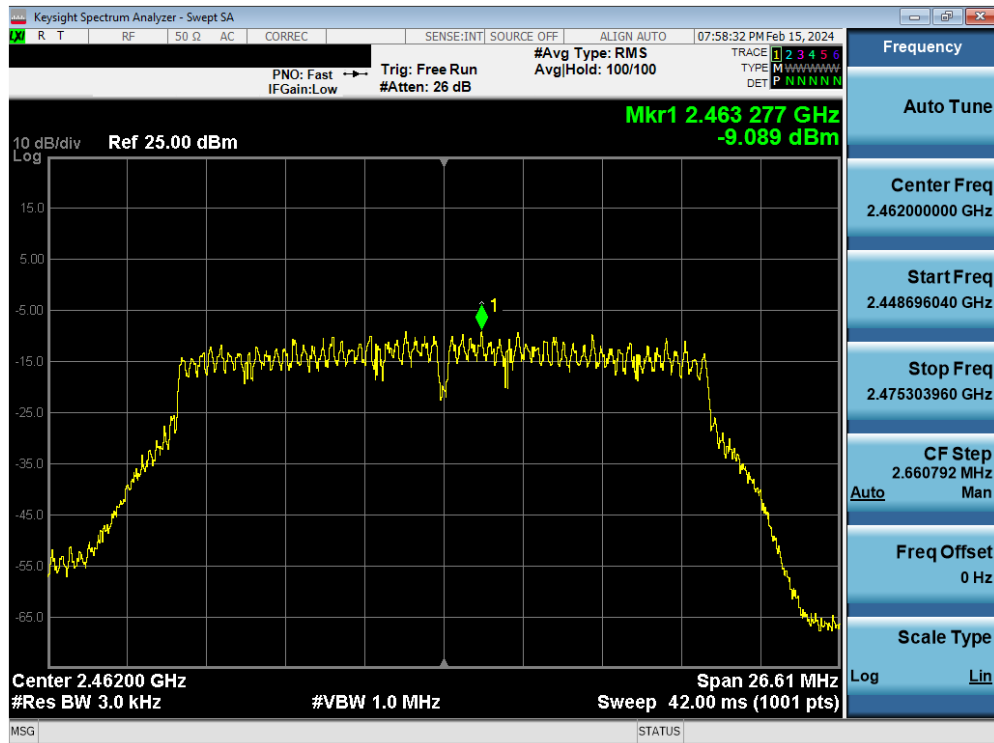


Plot 7-148. Power Spectral Density Plot CDD Antenna 2a (802.11n (2.4GHz) – Ch. 6) – MCS12

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 115 of 372

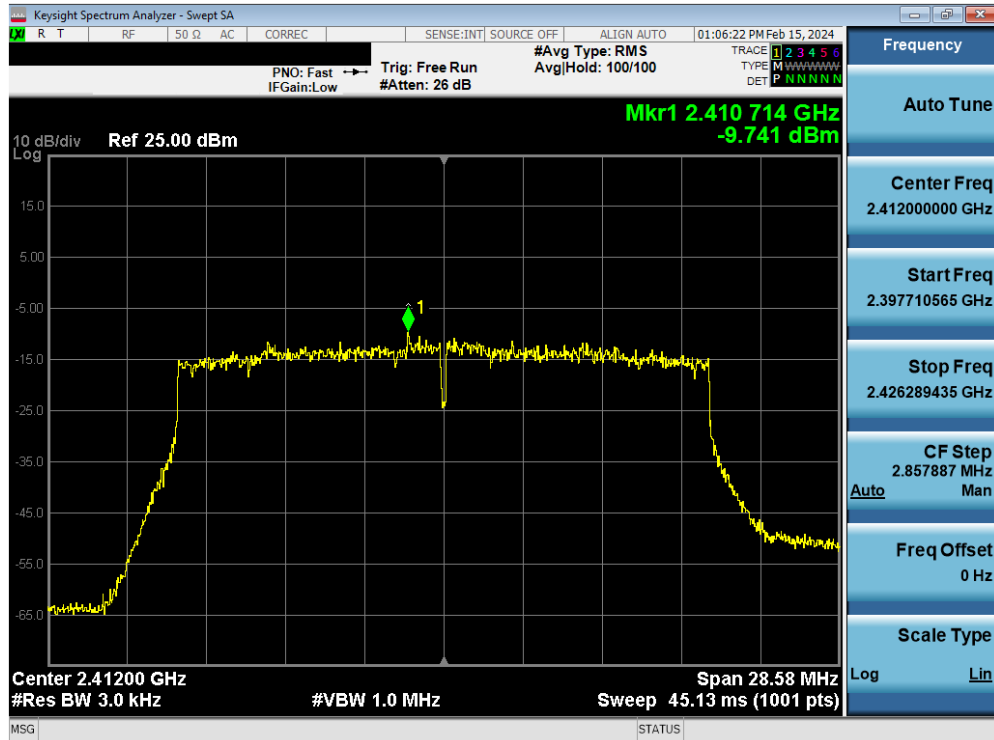


Plot 7-149. Power Spectral Density Plot CDD Antenna 4a (802.11n (2.4GHz) – Ch. 11) – MCS12

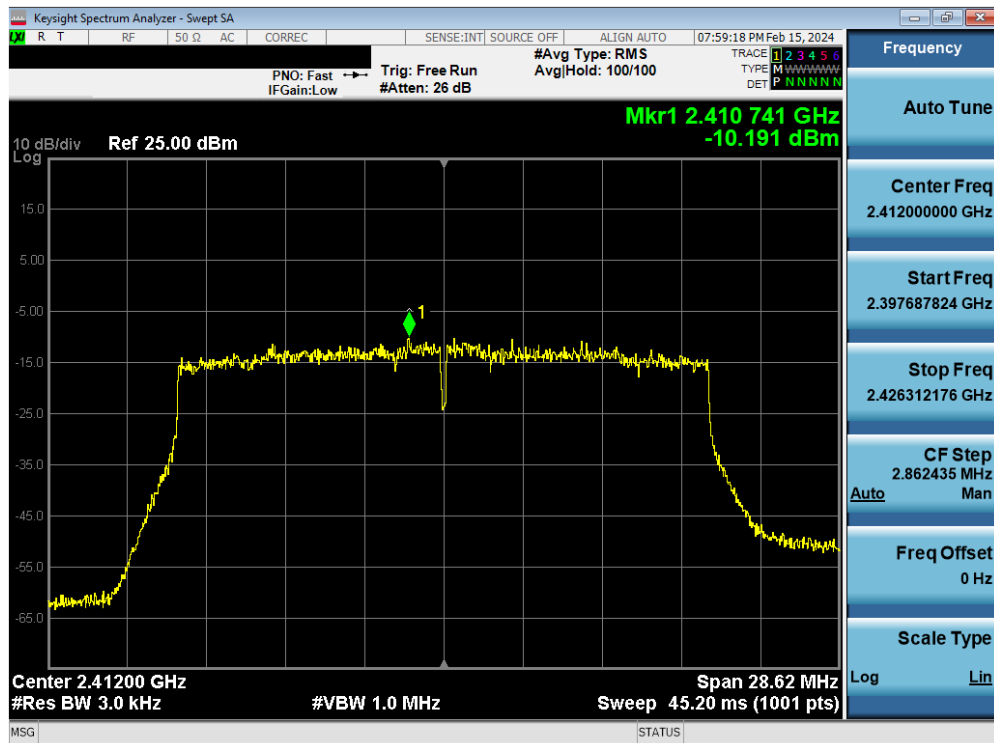


Plot 7-150. Power Spectral Density Plot CDD Antenna 2a (802.11n (2.4GHz) – Ch. 11) – MCS12

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 116 of 372

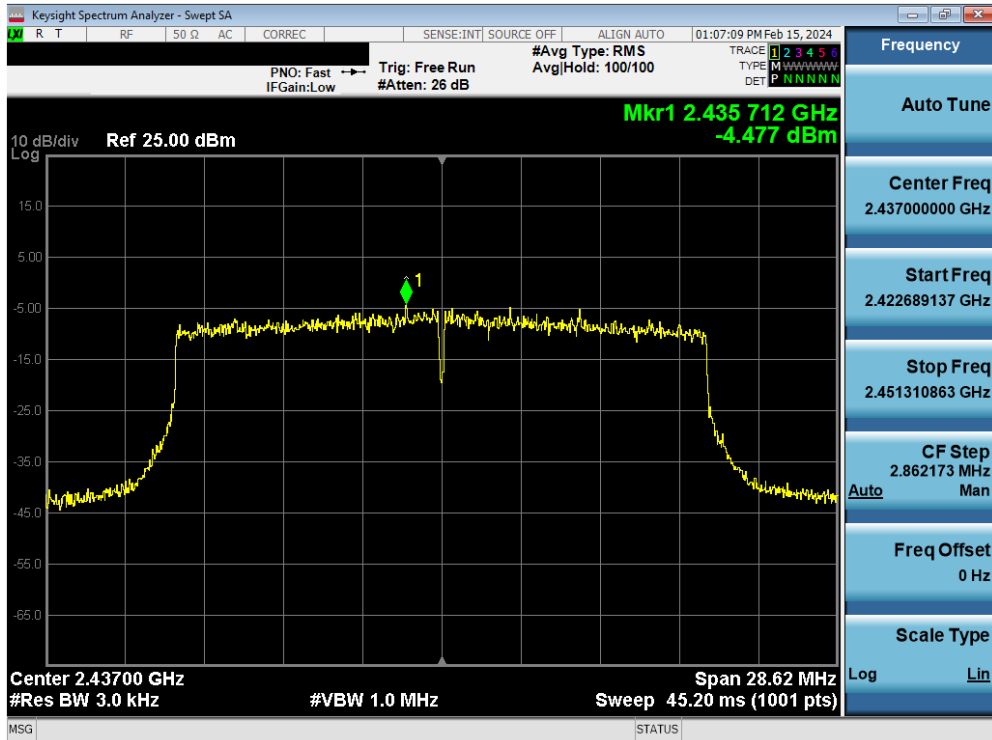


Plot 7-151. Power Spectral Density Plot CDD Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4

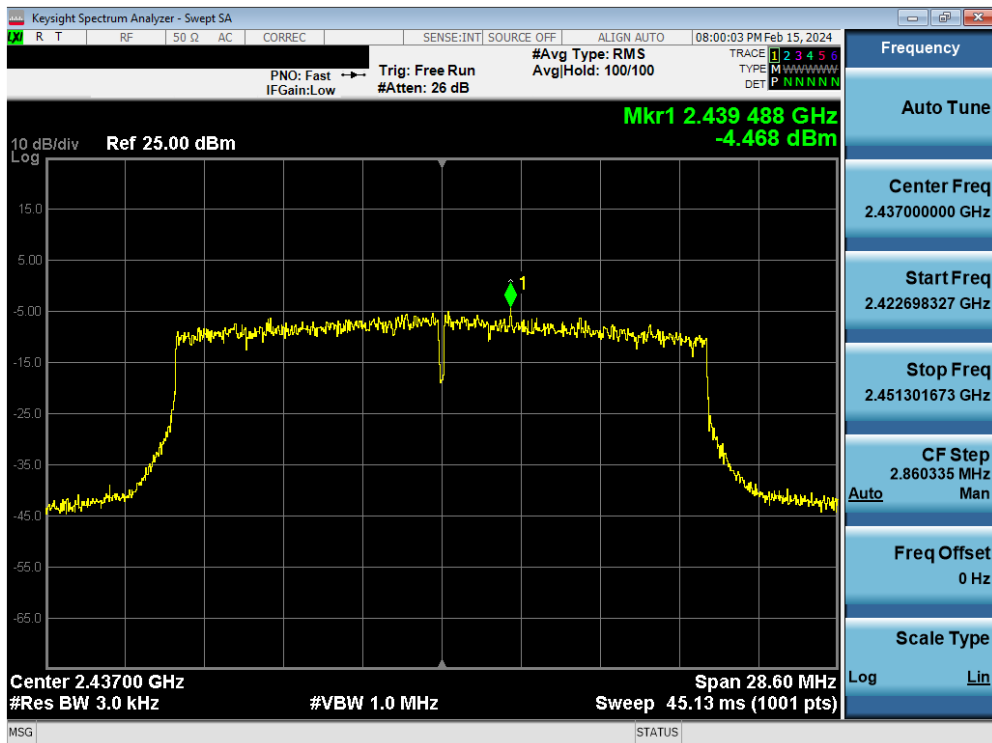


Plot 7-152. Power Spectral Density Plot CDD Antenna 2a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 117 of 372

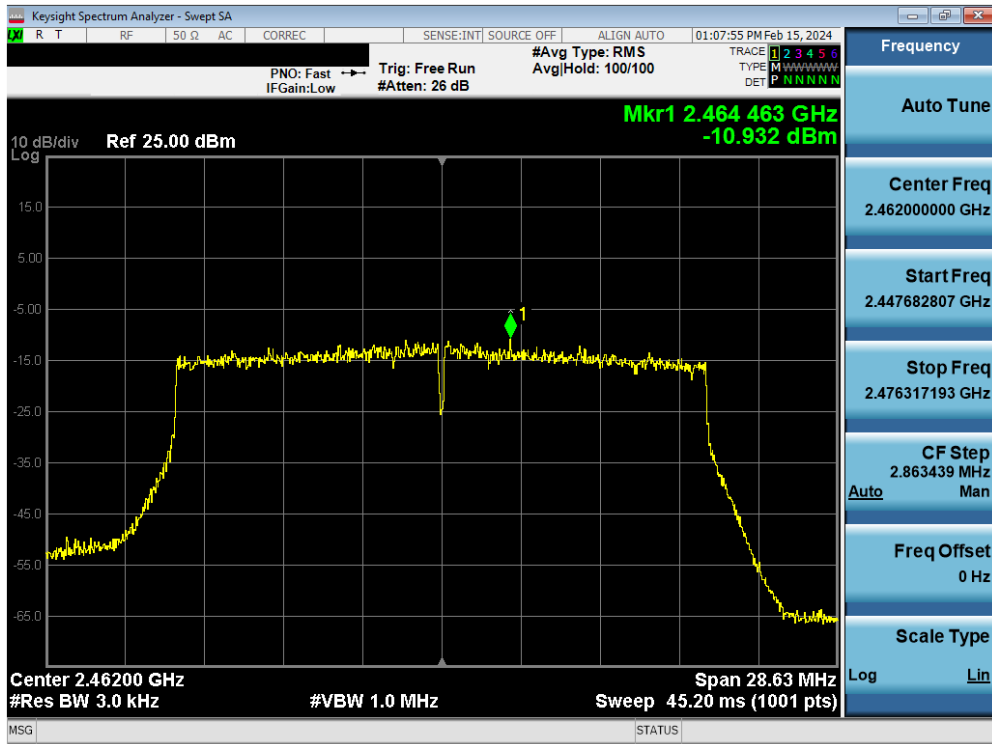


Plot 7-153. Power Spectral Density Plot CDD Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4

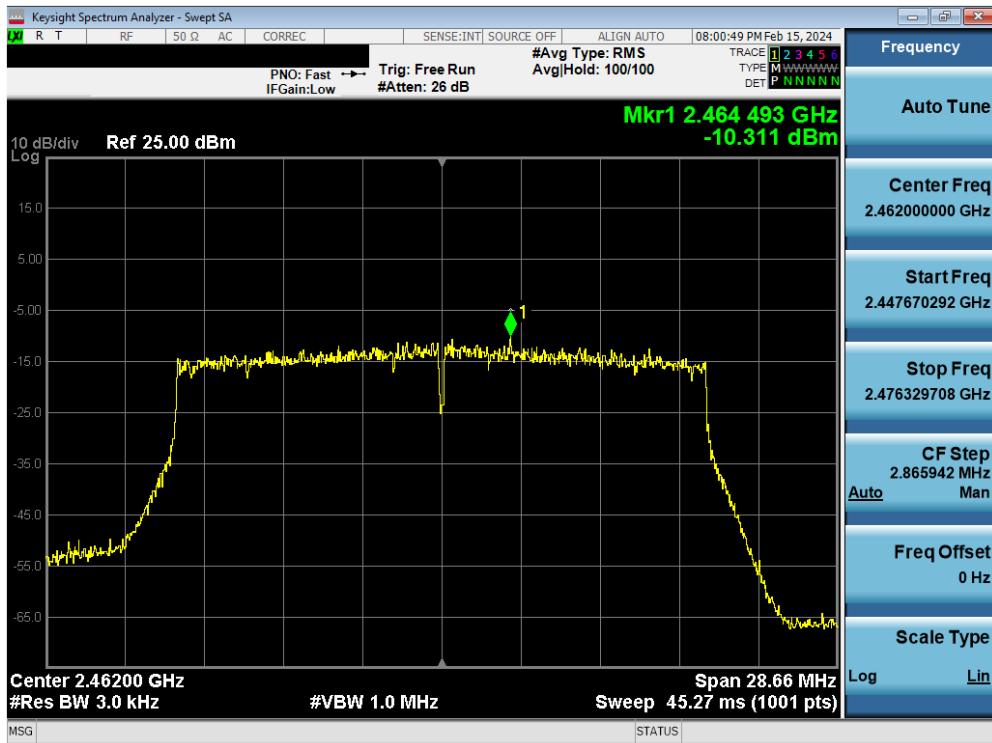


Plot 7-154. Power Spectral Density Plot CDD Antenna 2a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 118 of 372



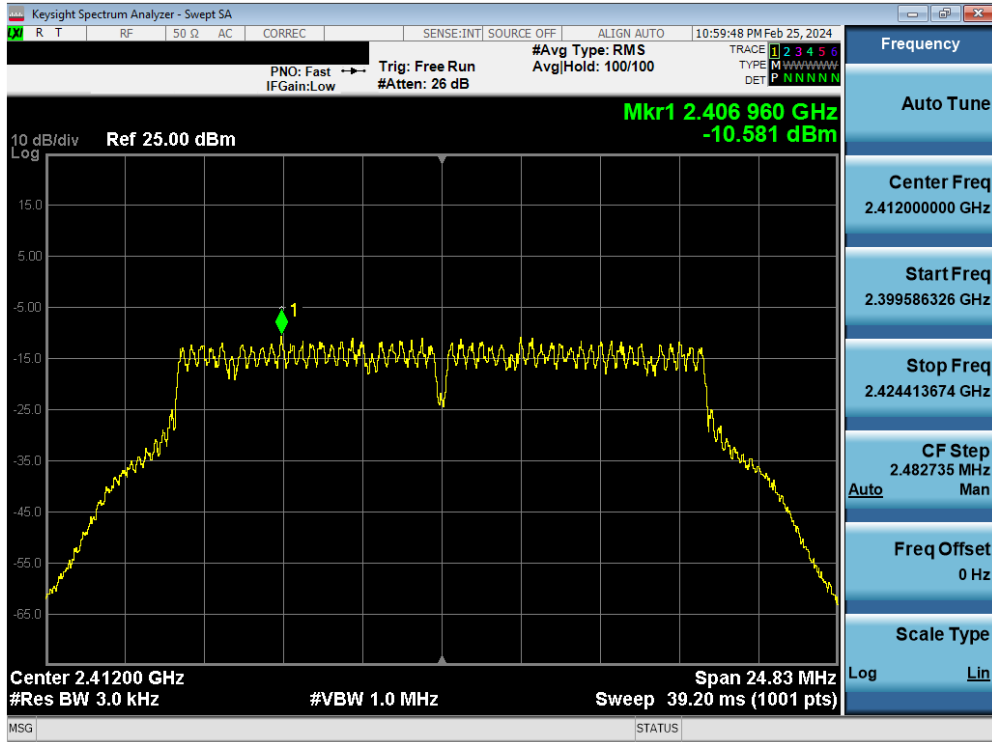
Plot 7-155. Power Spectral Density Plot CDD Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4



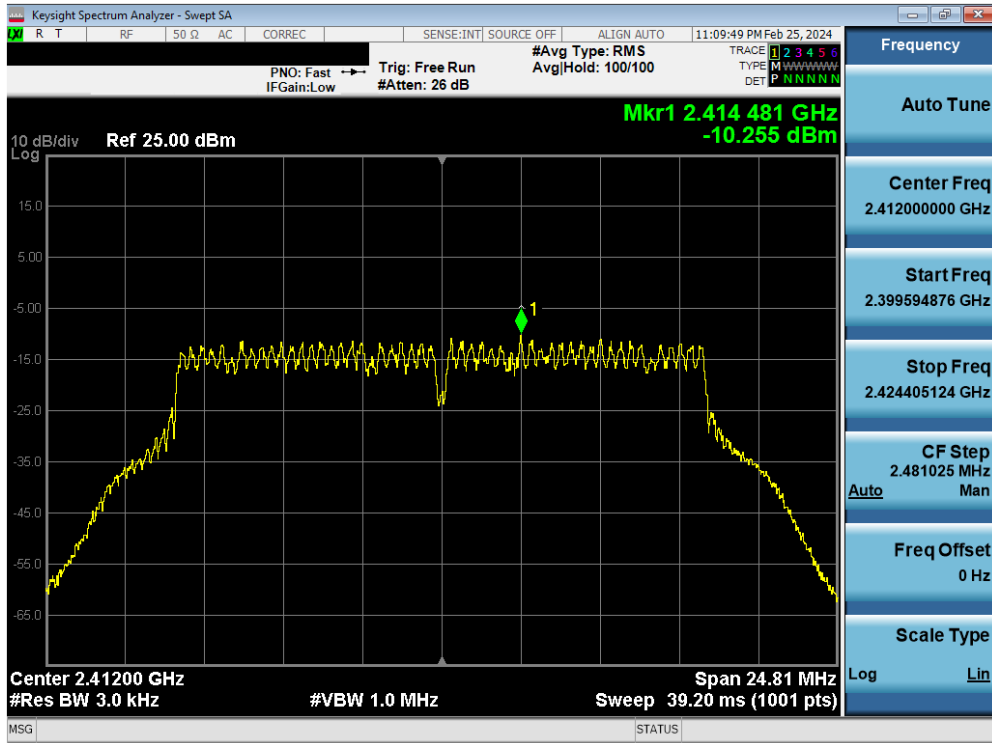
Plot 7-156. Power Spectral Density Plot CDD Antenna 2a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 119 of 372

High Rate

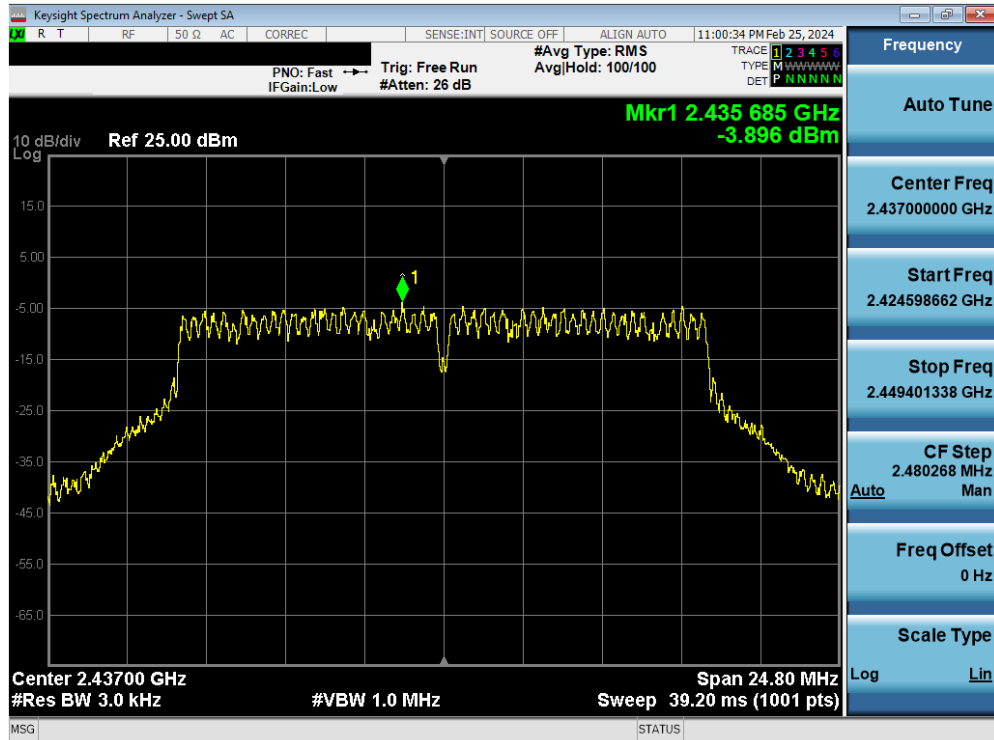


Plot 7-157. Power Spectral Density Plot CDD Antenna 4a (802.11g – Ch. 1) – 54Mbps

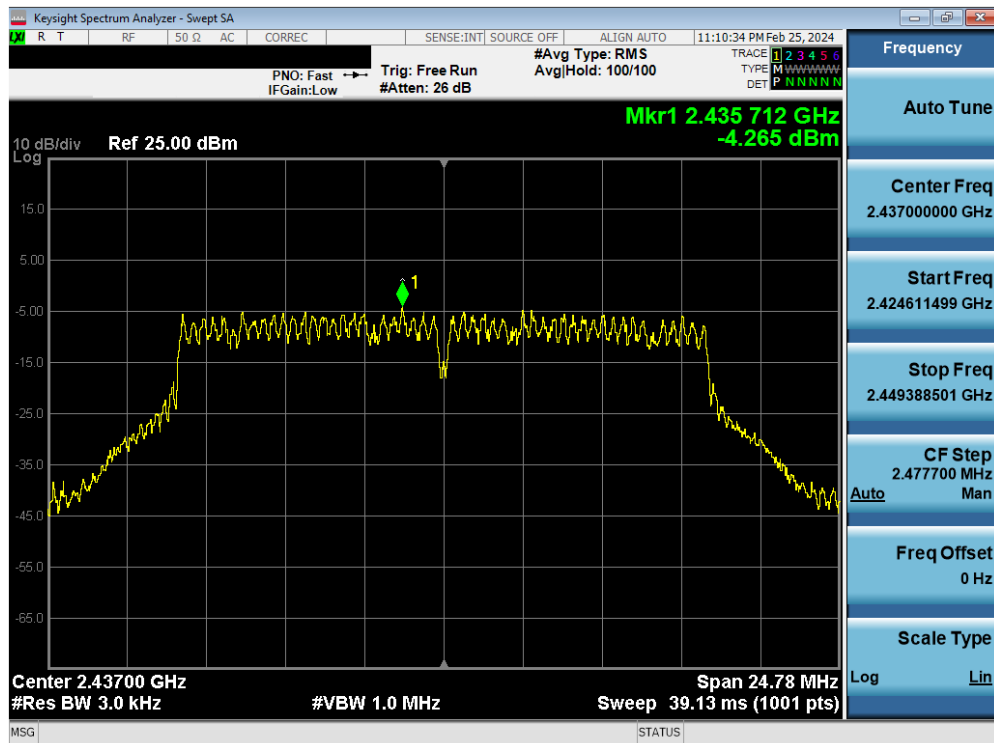


Plot 7-158. Power Spectral Density Plot CDD Antenna 2a (802.11g – Ch. 1) – 54Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 120 of 372

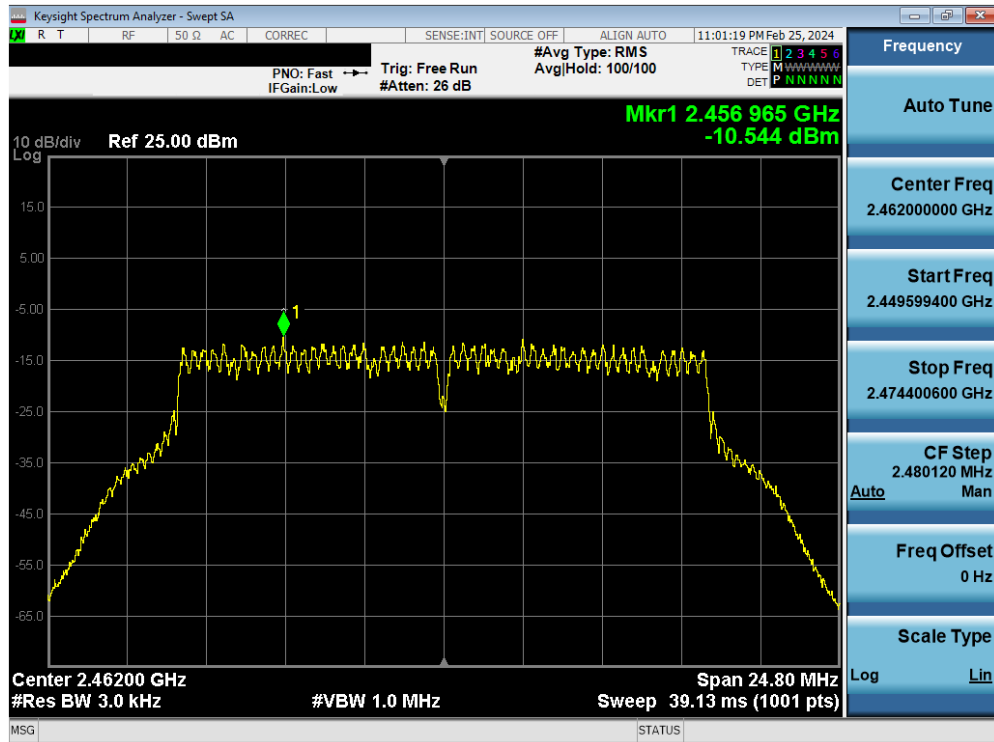


Plot 7-159. Power Spectral Density Plot CDD Antenna 4a (802.11g – Ch. 6) – 54Mbps

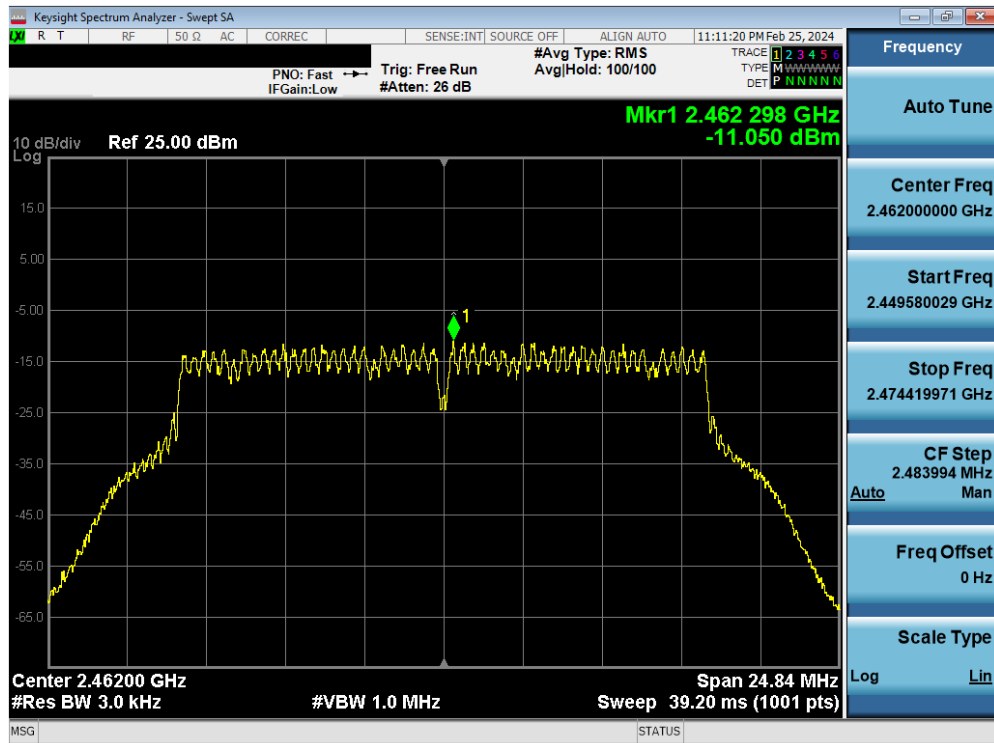


Plot 7-160. Power Spectral Density Plot CDD Antenna 2a (802.11g – Ch. 6) – 54Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 121 of 372

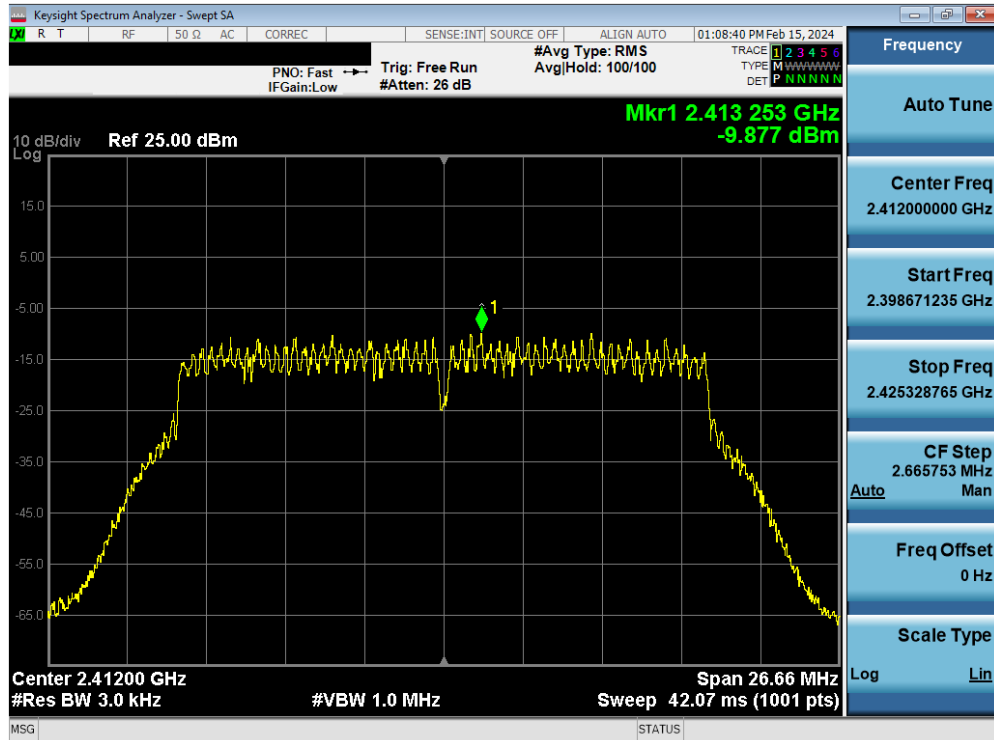


Plot 7-161. Power Spectral Density Plot CDD Antenna 4a (802.11g – Ch. 11) – 54Mbps

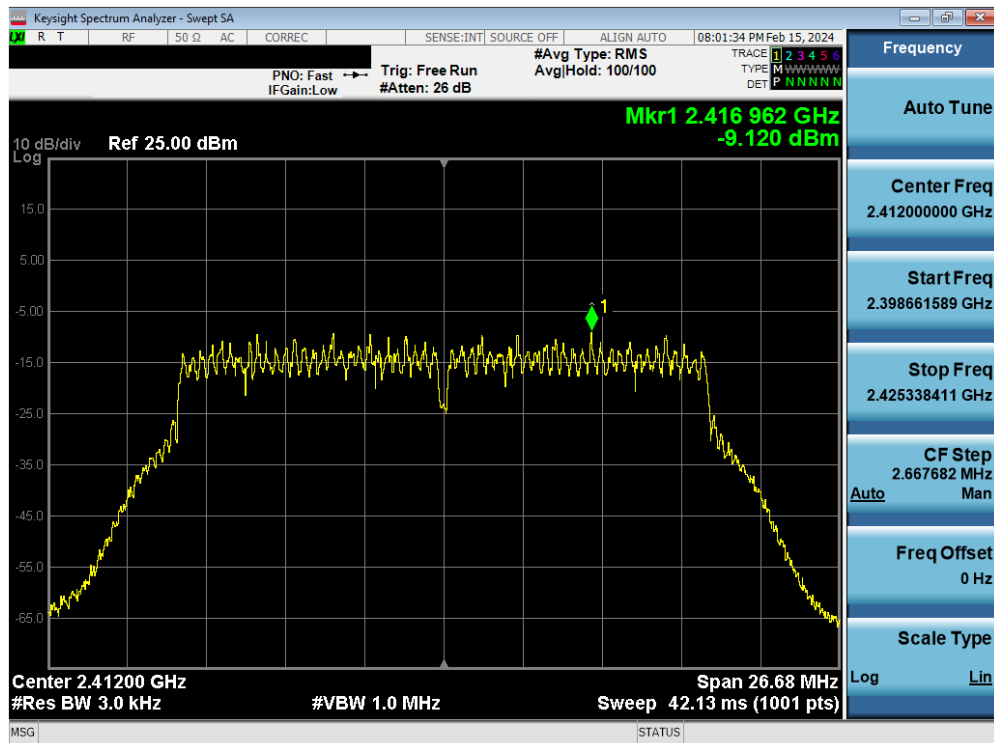


Plot 7-162. Power Spectral Density Plot CDD Antenna 2a (802.11g – Ch. 11) – 54Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 122 of 372

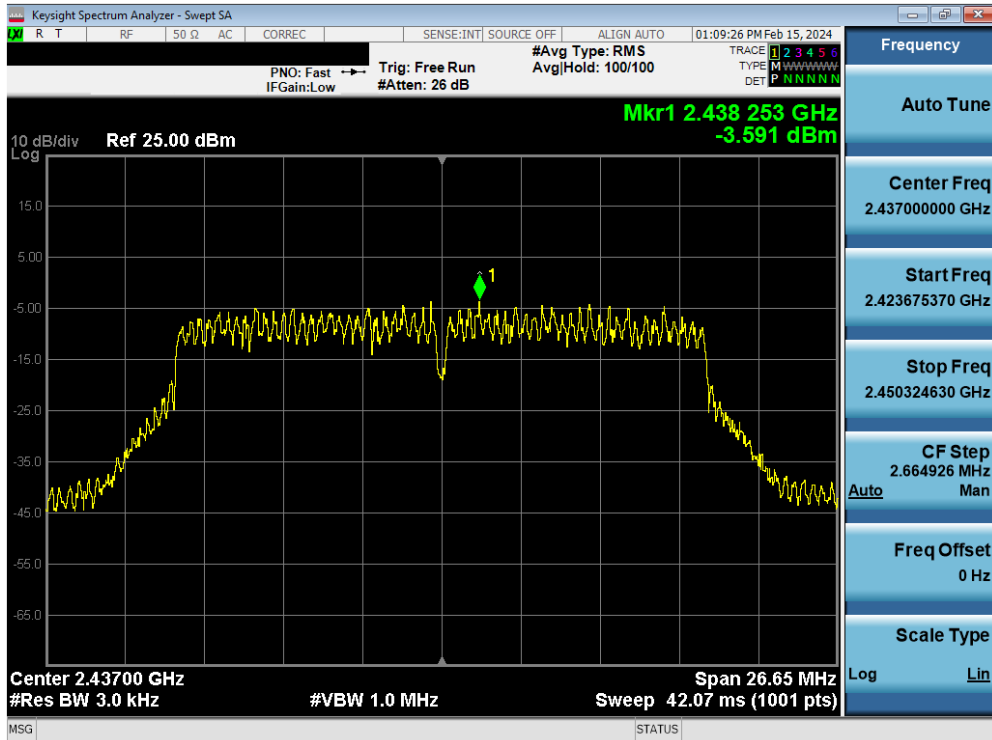


Plot 7-163. Power Spectral Density Plot CDD Antenna 4a (802.11n (2.4GHz) – Ch. 1) – MCS15

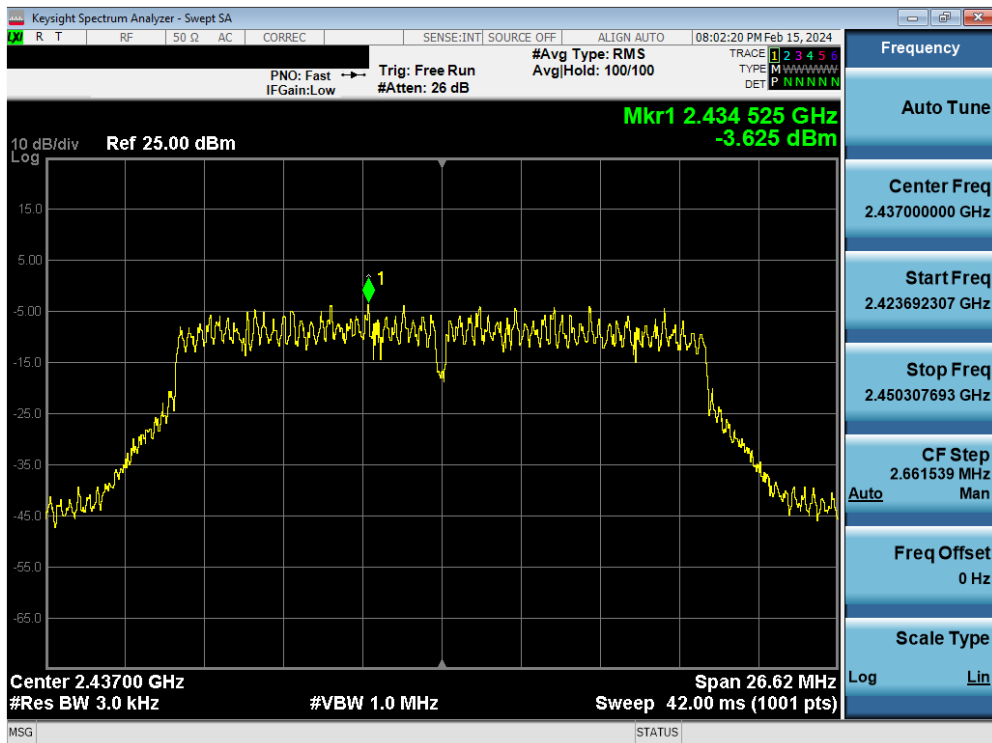


Plot 7-164. Power Spectral Density Plot CDD Antenna 2a (802.11n (2.4GHz) – Ch. 1) – MCS15

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 123 of 372

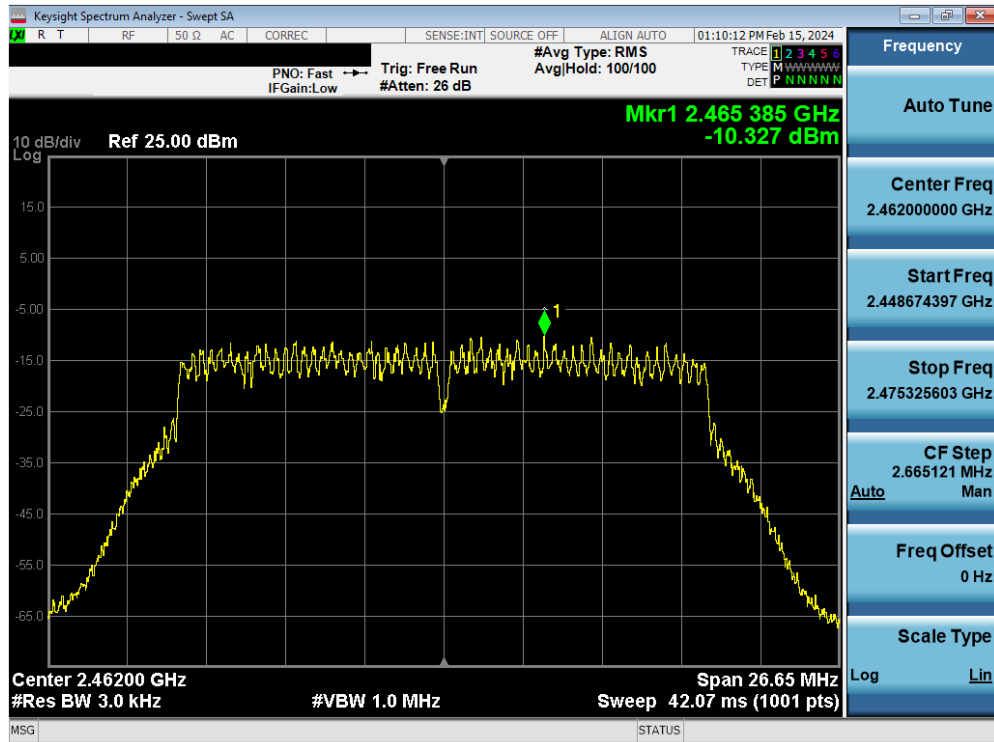


Plot 7-165. Power Spectral Density Plot CDD Antenna 4a (802.11n (2.4GHz) – Ch. 6) – MCS15

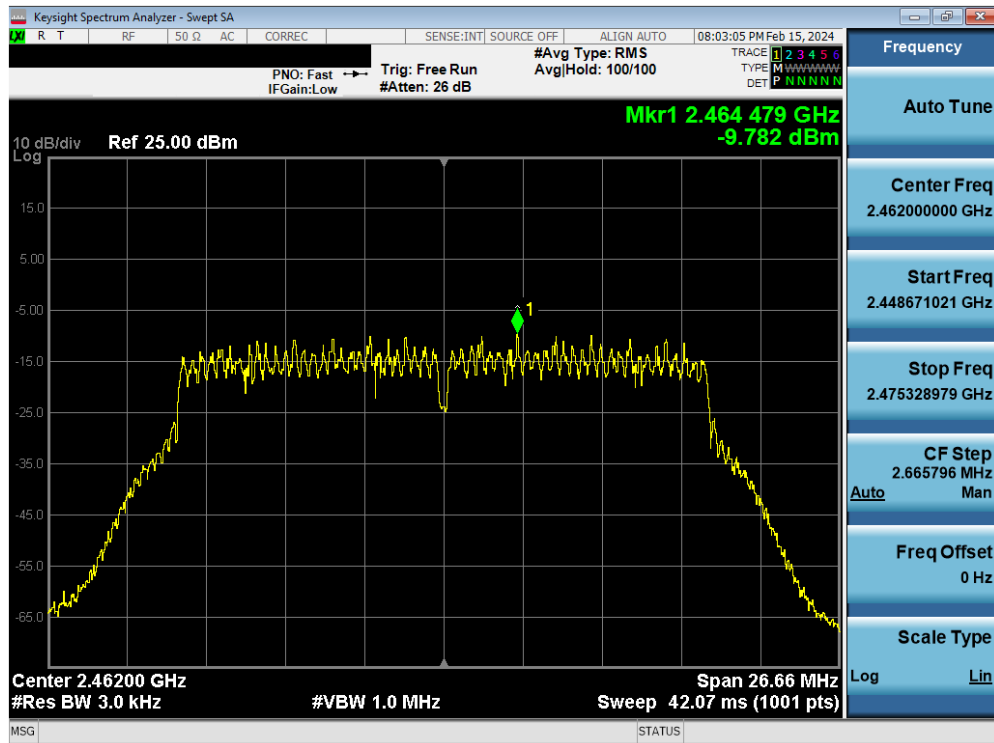


Plot 7-166. Power Spectral Density Plot CDD Antenna 2a (802.11n (2.4GHz) – Ch. 6) – MCS15

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 124 of 372

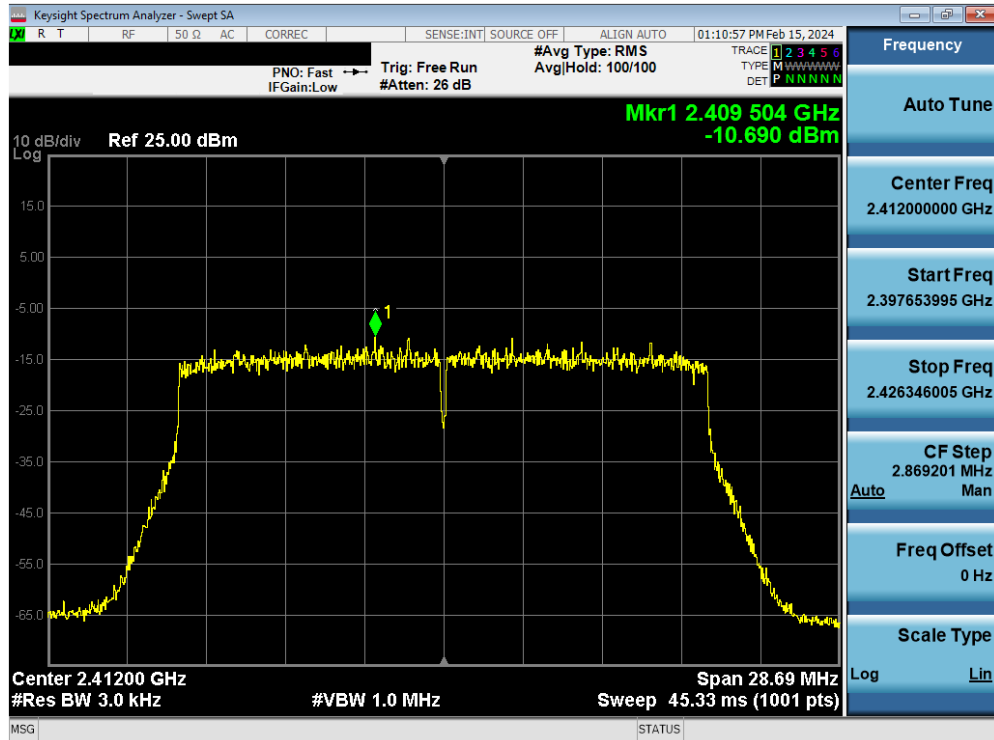


Plot 7-167. Power Spectral Density Plot CDD Antenna 4a (802.11n (2.4GHz) – Ch. 11) – MCS15

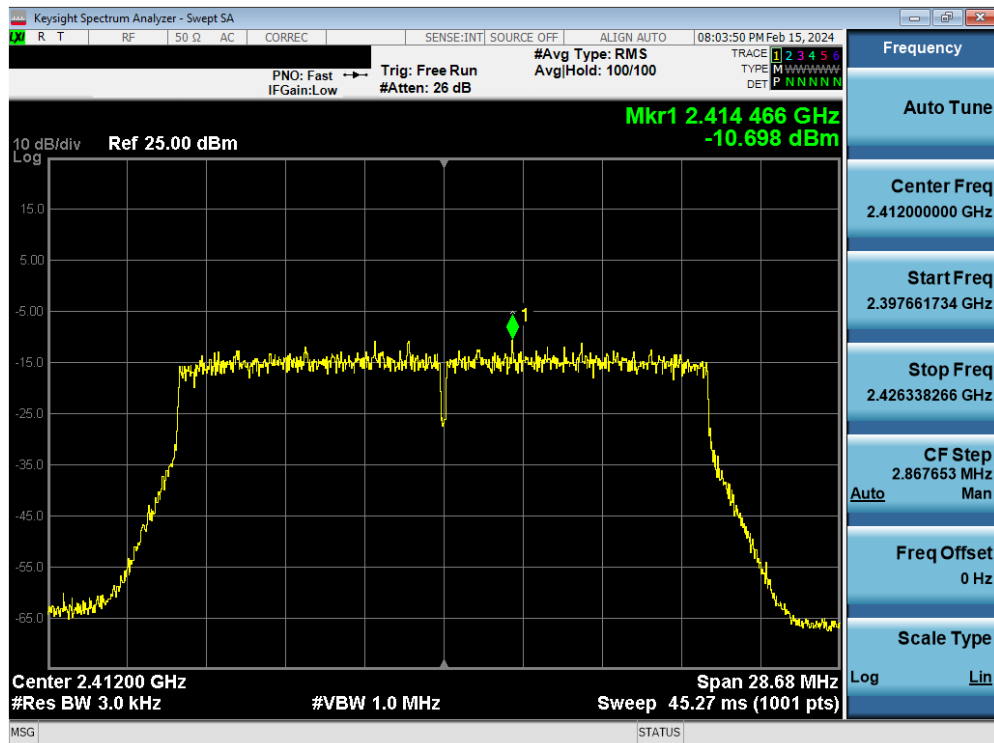


Plot 7-168. Power Spectral Density Plot CDD Antenna 2a (802.11n (2.4GHz) – Ch. 11) – MCS15

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 125 of 372

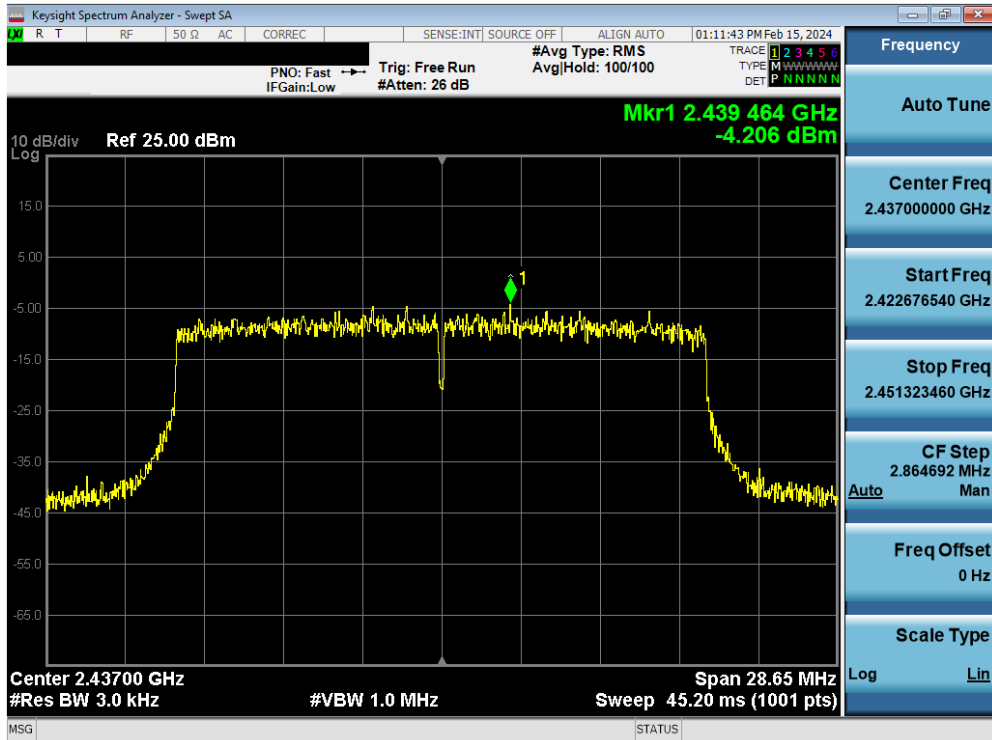


Plot 7-169. Power Spectral Density Plot CDD Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS9

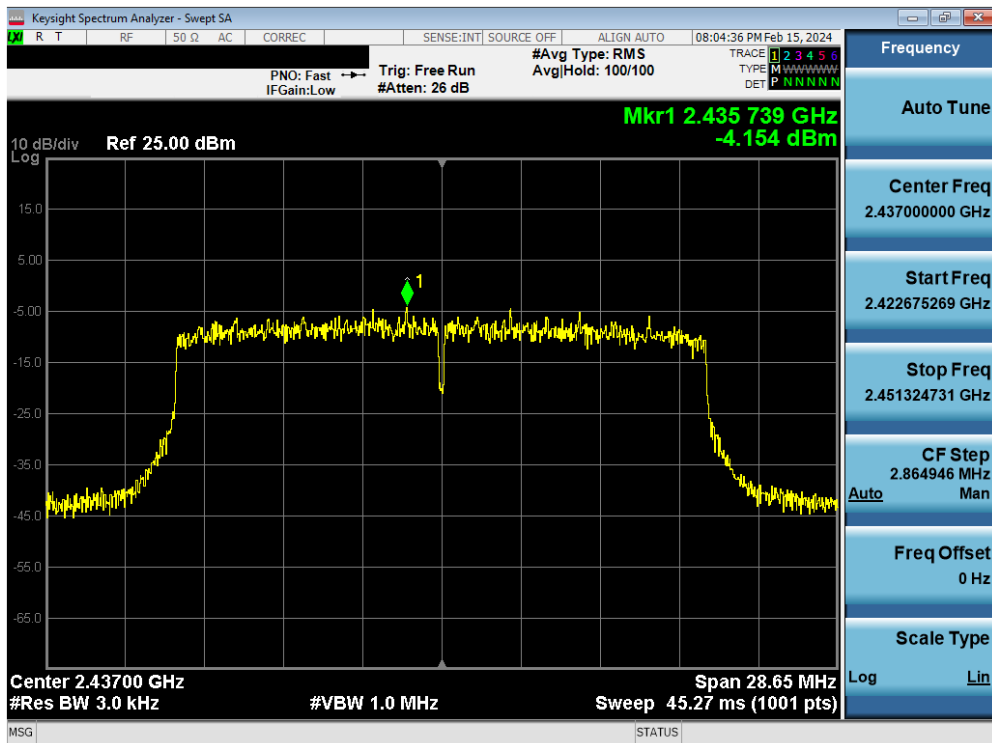


Plot 7-170. Power Spectral Density Plot CDD Antenna 2a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS9

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 126 of 372

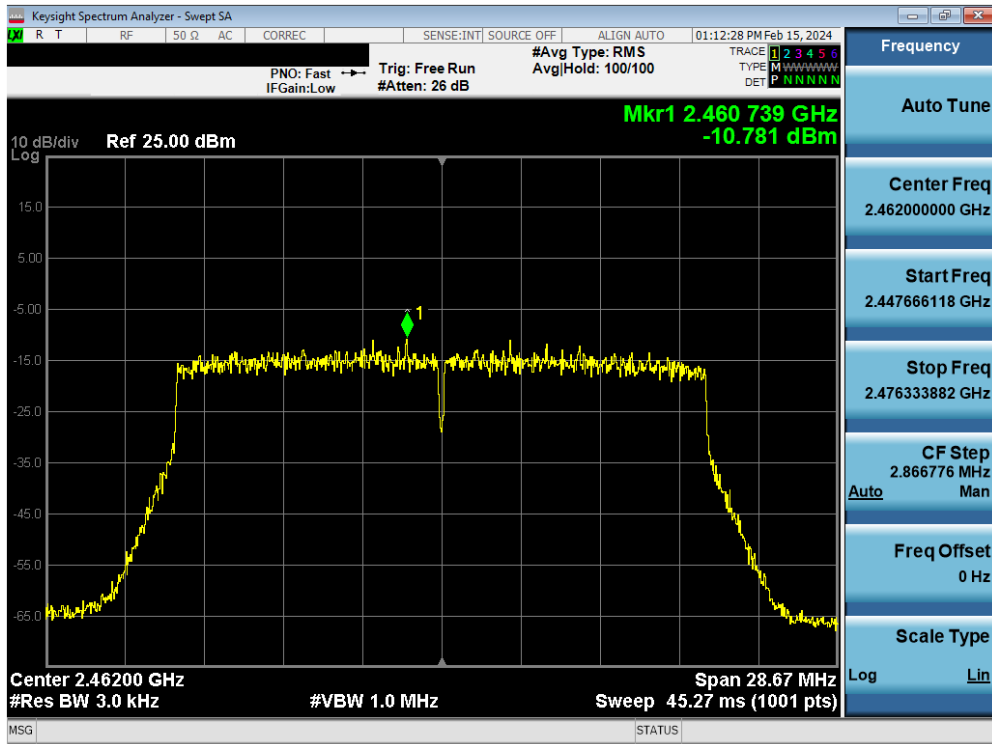


Plot 7-171. Power Spectral Density Plot CDD Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS9

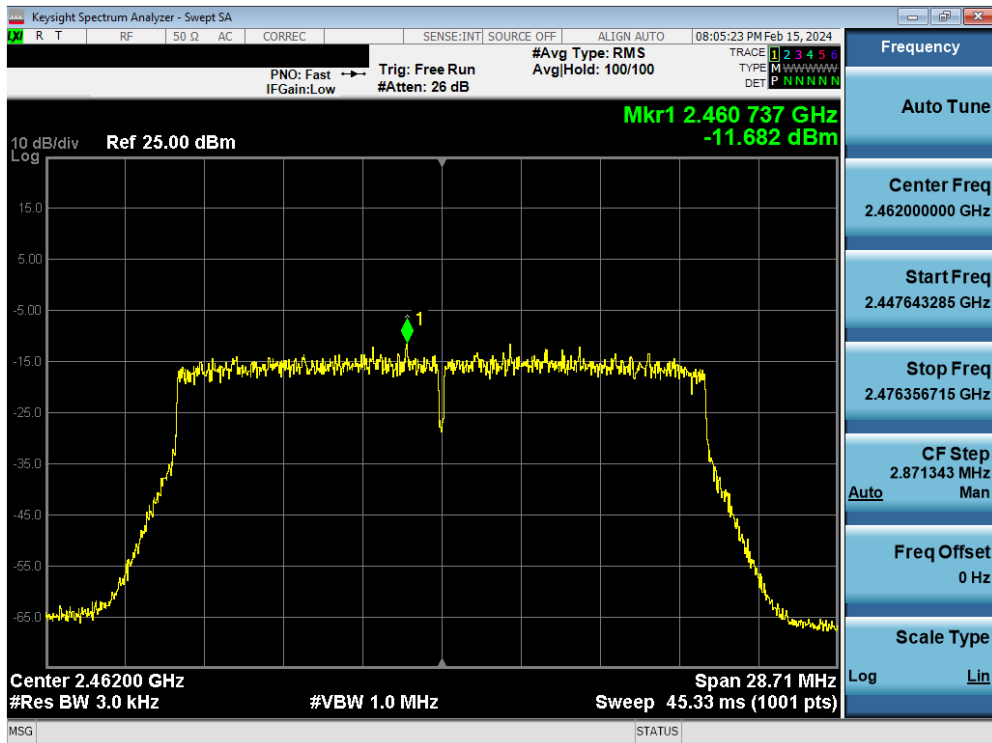


Plot 7-172. Power Spectral Density Plot CDD Antenna 2a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS9

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 127 of 372



Plot 7-173. Power Spectral Density Plot CDD Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS9



Plot 7-174. Power Spectral Density Plot CDD Antenna 2a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS9

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 128 of 372



Note:

Per ANSI C63.10-2013 Section 14.3.2.2 and KDB 662911 D01 v02r01 Section E2), the power spectral density at Antenna 4a and Antenna 2a were first measured separately as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Sample CDD Calculation:

At 2412MHz the average conducted power spectral density was measured to be -10.58 dBm for Antenna 4a and -10.26 dBm for Antenna 2a.

$$\text{Antenna 4a} + \text{Antenna 2a} = \text{CDD}$$

$$(-10.58 \text{ dBm} + -10.26 \text{ dBm}) = (0.088 \text{ mW} + 0.094 \text{ mW}) = 0.182 \text{ mW} = -7.40 \text{ dBm}$$

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 129 of 372

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7.5 Conducted Authorized Band Edge

§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 at the band edge, the EUT was set at a data rate of 11Mbps for “b” mode, 12, 24, 54 Mbps for “g” mode, 19.5/21.7, 39/43.3, 65/72.2Mbps for “n” mode, and 24/25.8, 49/51.6, 81/86 for “ax-SU” mode as these settings 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 PSD procedure (Section 7.4).

Test Procedure Used

ANSI C63.10-2013 – Subclause 11.11.3
KDB 558074 D01 v05r02 – Section 8.7.2

Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW = 100kHz
4. VBW = 1MHz
5. Detector = Peak
6. Number of sweep points $\geq 2 \times \text{Span/RBW}$
7. Trace mode = max hold
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Setup

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



Figure 7-4. Test Instrument & Measurement Setup

Test Notes

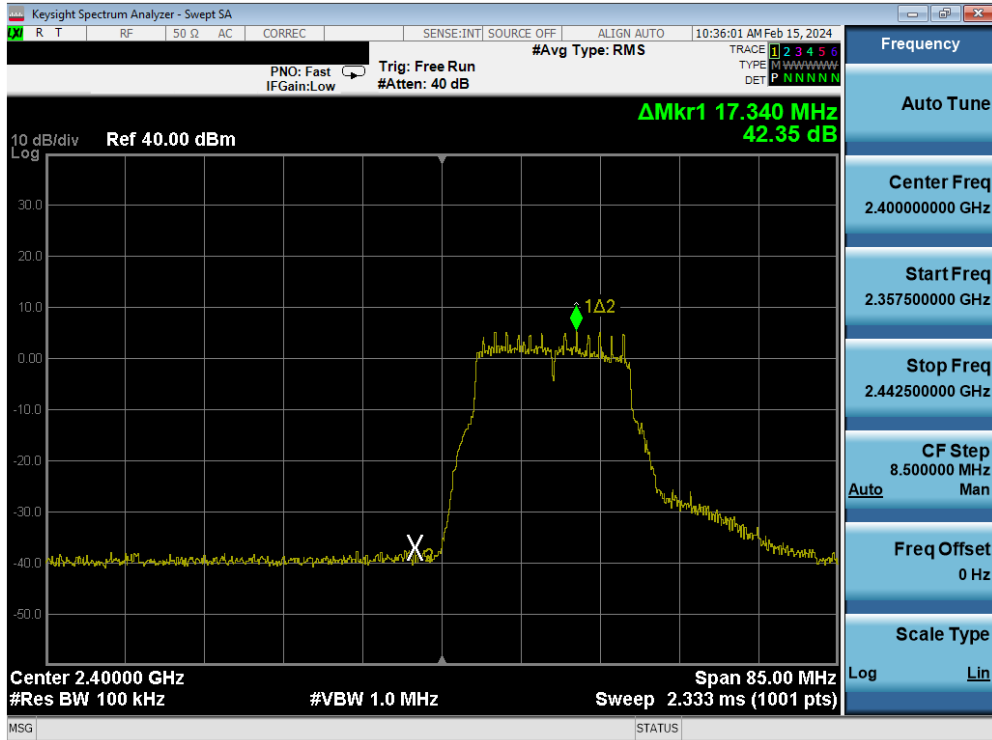
All antenna configurations were investigated and only the worst case is reported.

The data rates have been classified into three different groups: low data rate, middle data rate, and high data rate. All three data groups have been investigated and only the worst case data rate per group is reported.

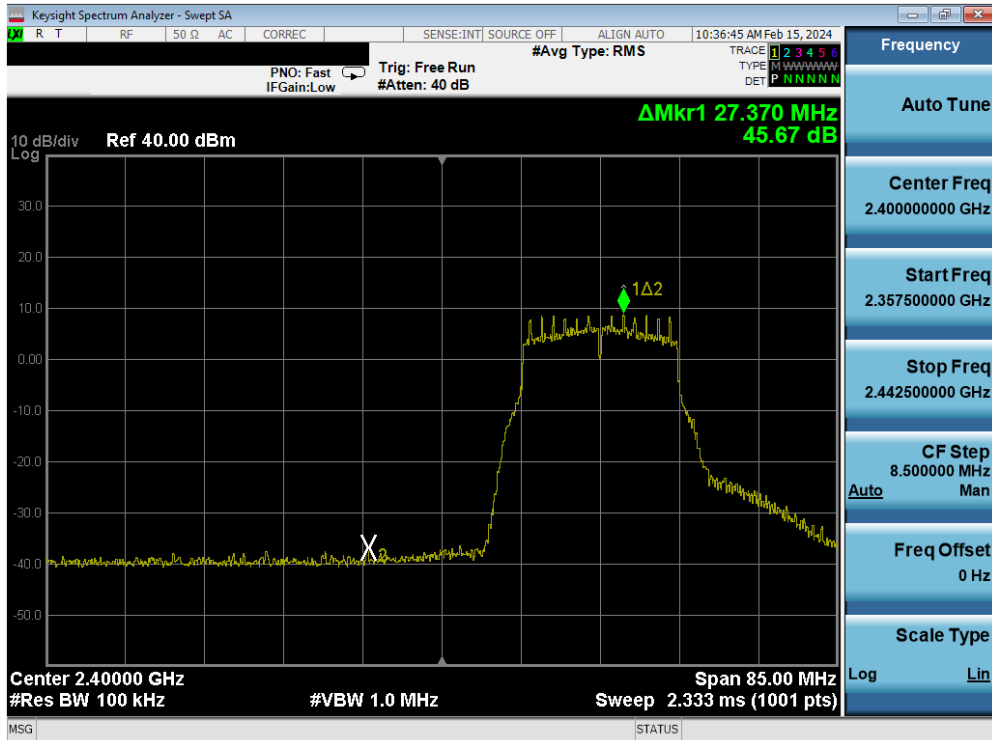
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 130 of 372

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7.5.1 Antenna 4a Conducted Emissions at the Band Edge Low Rate

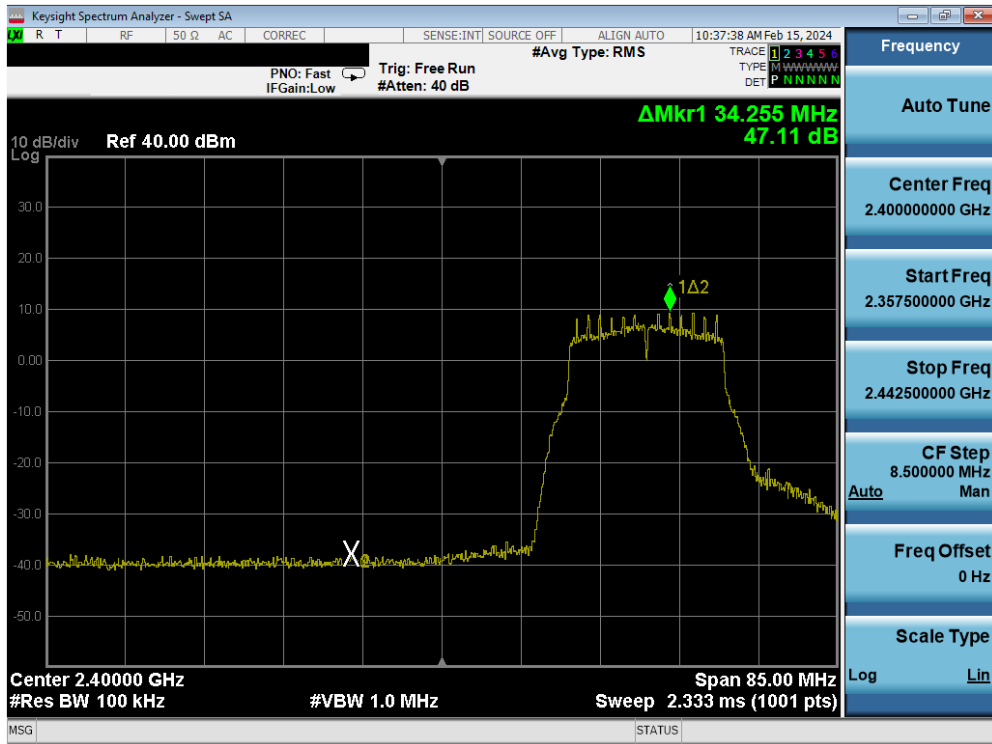


Plot 7-175. Band Edge Plot Antenna 4a (802.11g – Ch. 1) – 12Mbps

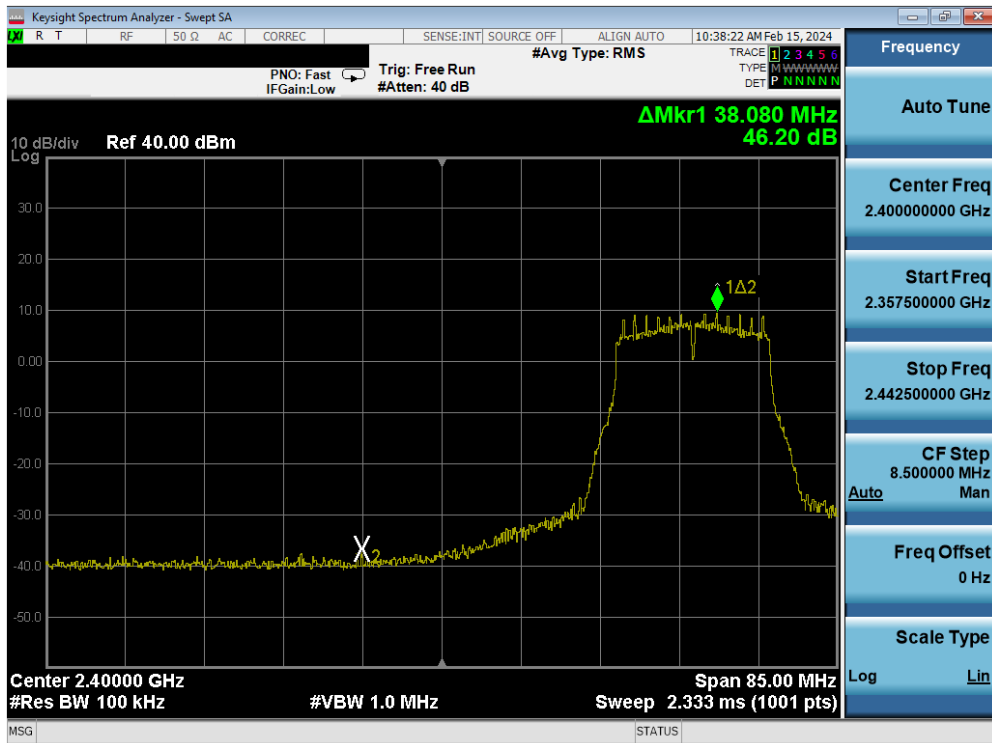


Plot 7-176. Band Edge Plot Antenna 4a (802.11g – Ch. 2) – 12Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 131 of 372

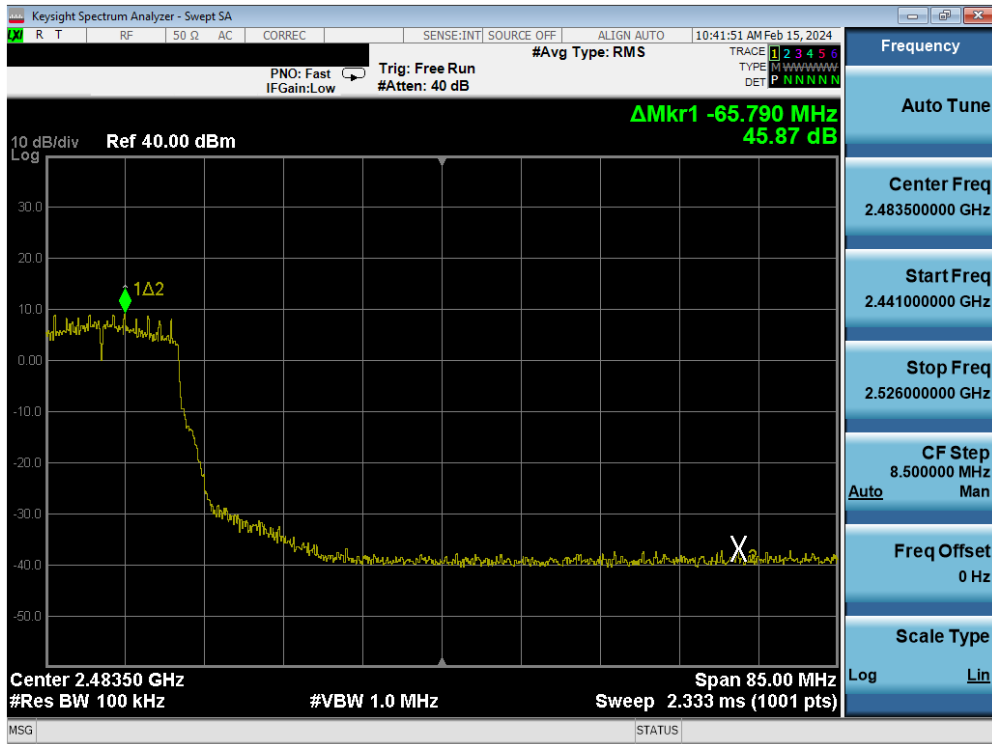


Plot 7-177. Band Edge Plot Antenna 4a (802.11g – Ch. 3) – 12Mbps

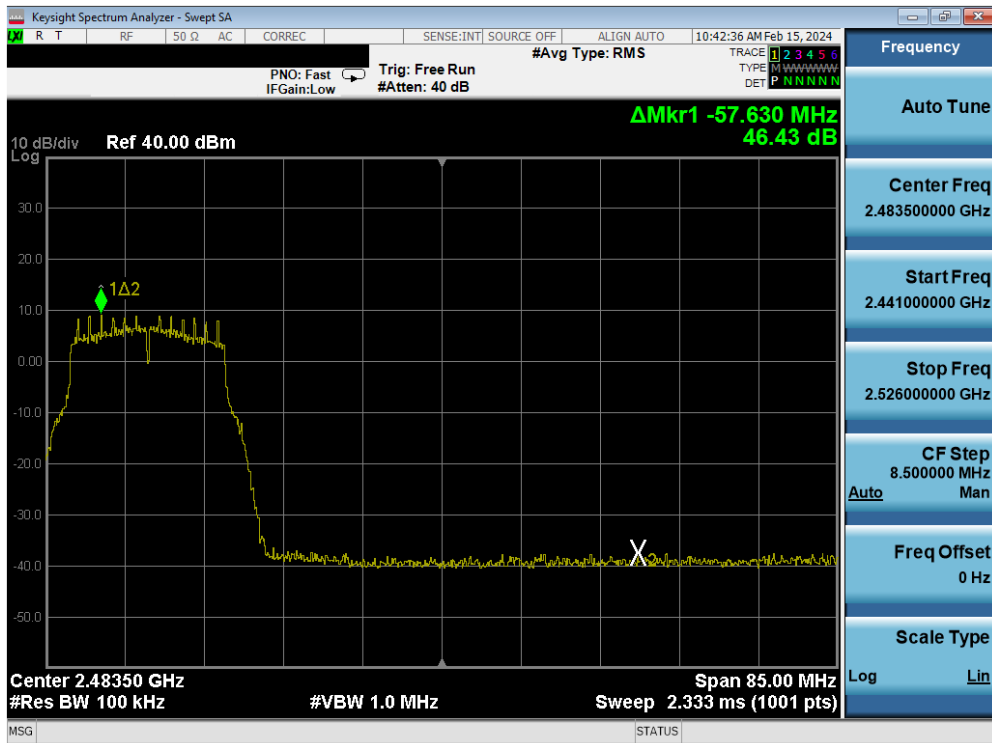


Plot 7-178. Band Edge Plot Antenna 4a (802.11g – Ch. 4) – 12Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 132 of 372

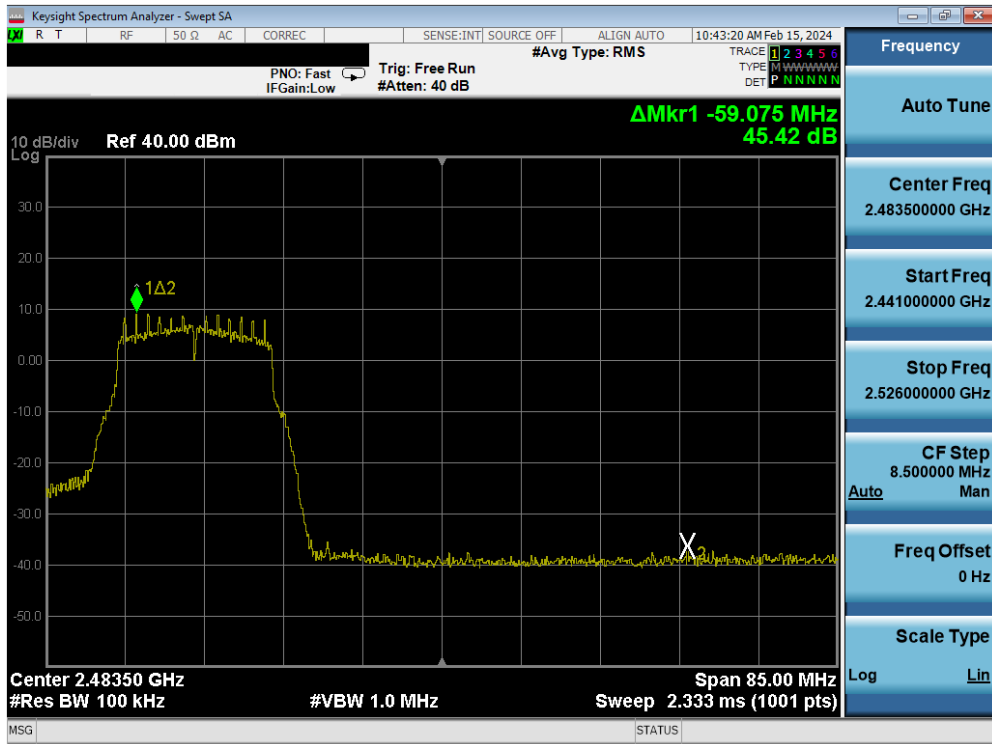


Plot 7-179. Band Edge Plot Antenna 4a (802.11g – Ch. 8) – 12Mbps

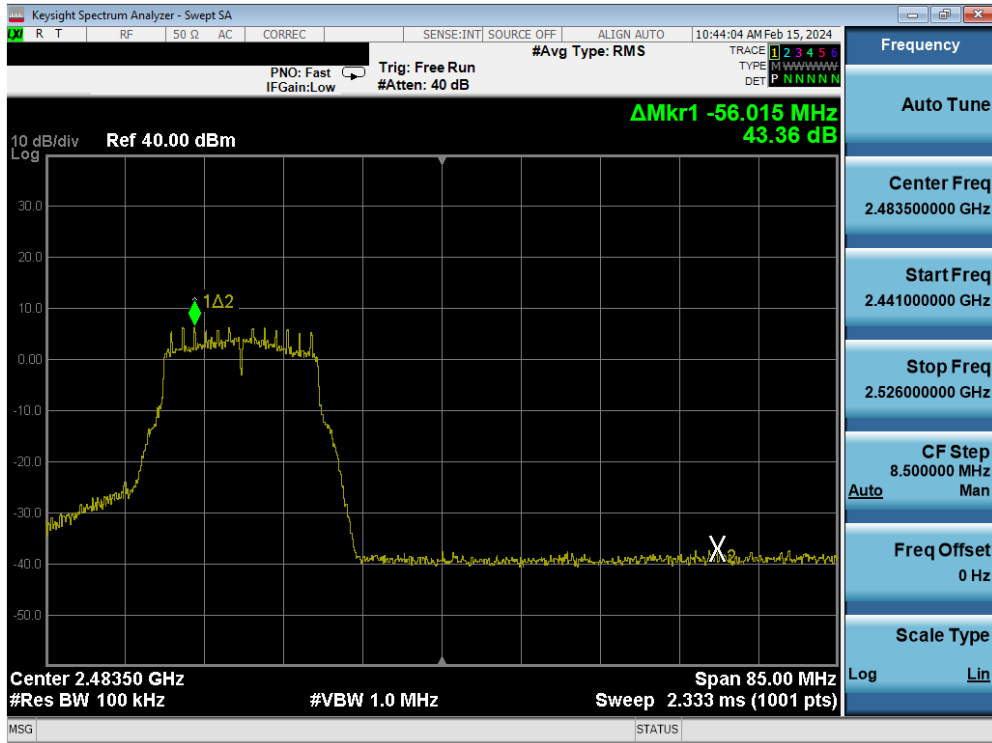


Plot 7-180. Band Edge Plot Antenna 4a (802.11g – Ch. 9) – 12Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 133 of 372

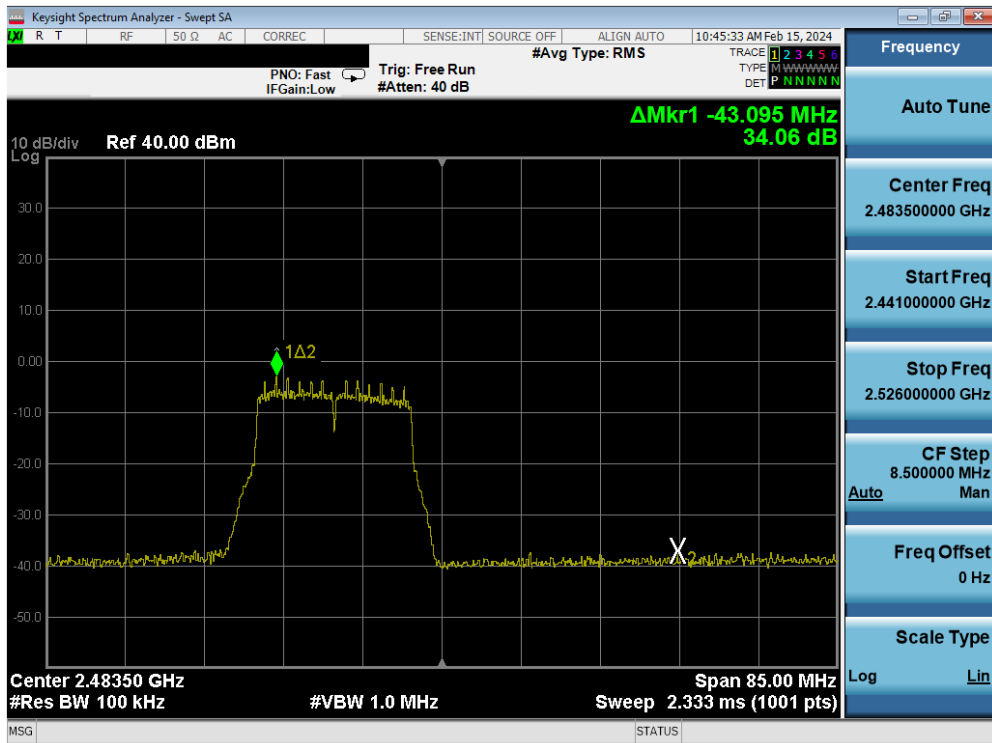
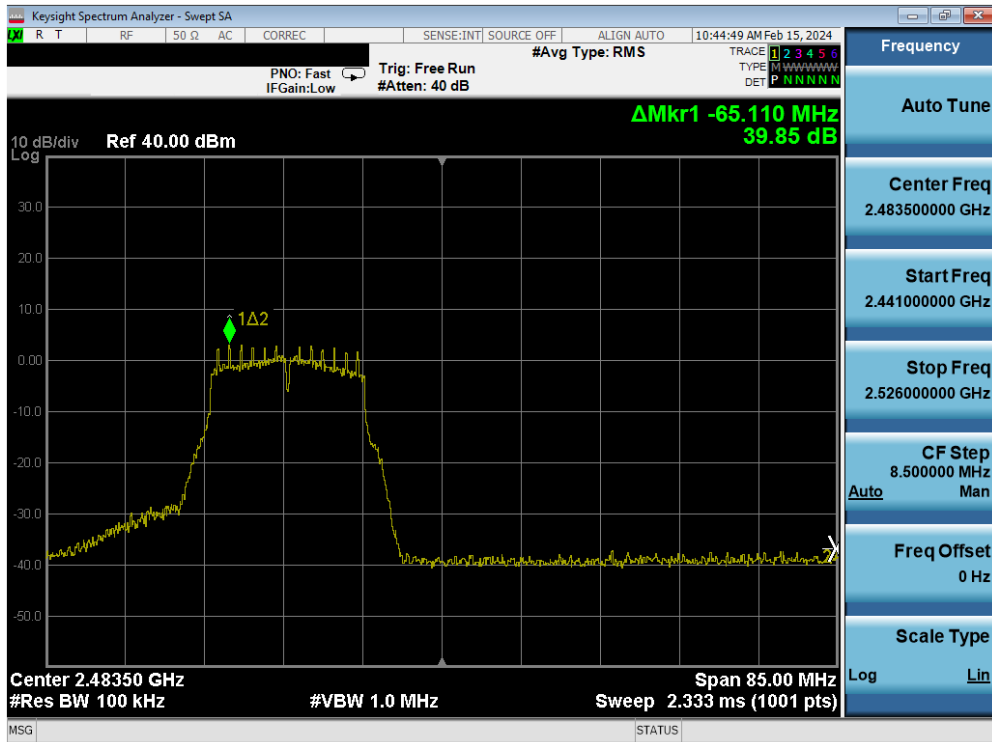


Plot 7-181. Band Edge Plot Antenna 4a (802.11g – Ch. 10) – 12Mbps

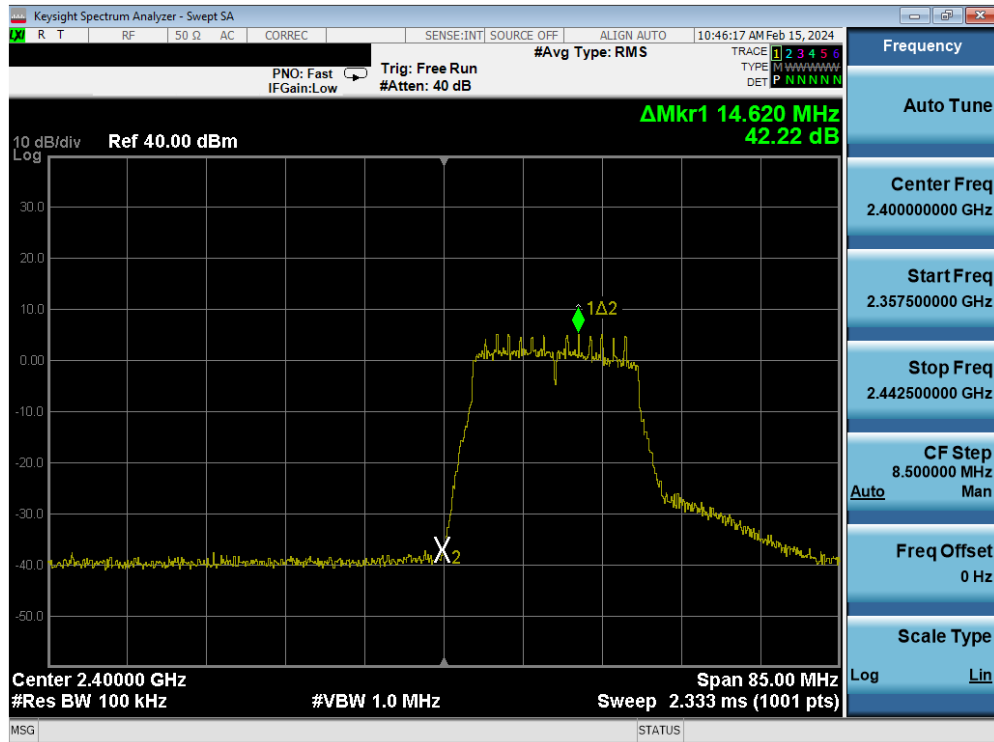


Plot 7-182. Band Edge Plot Antenna 4a (802.11g – Ch. 11) – 12Mbps

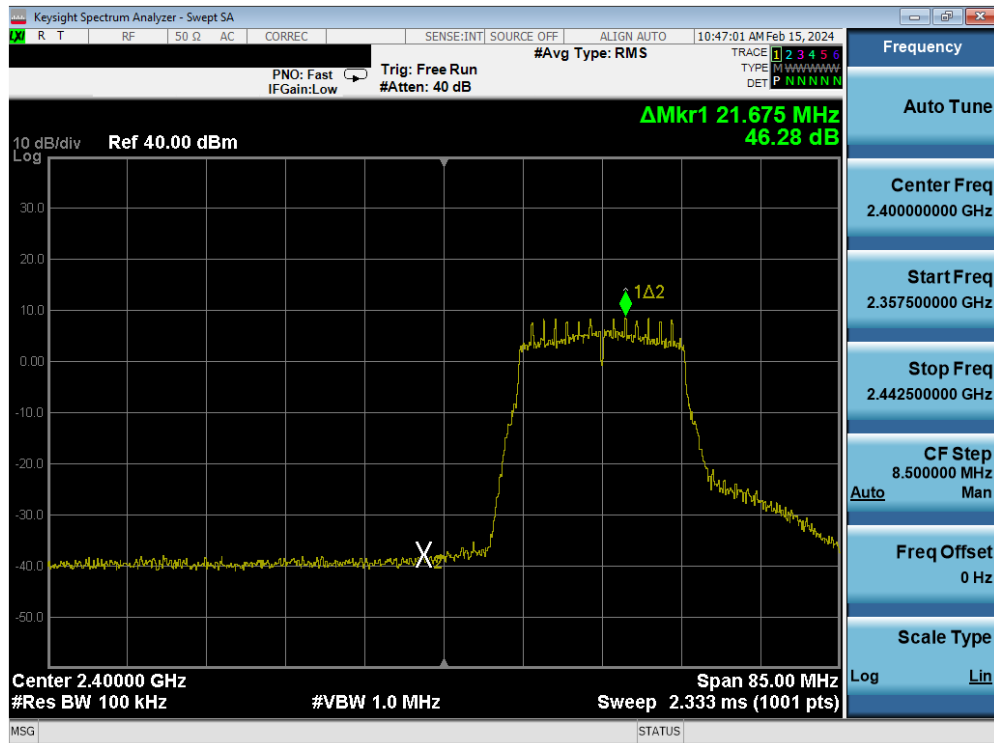
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 134 of 372



FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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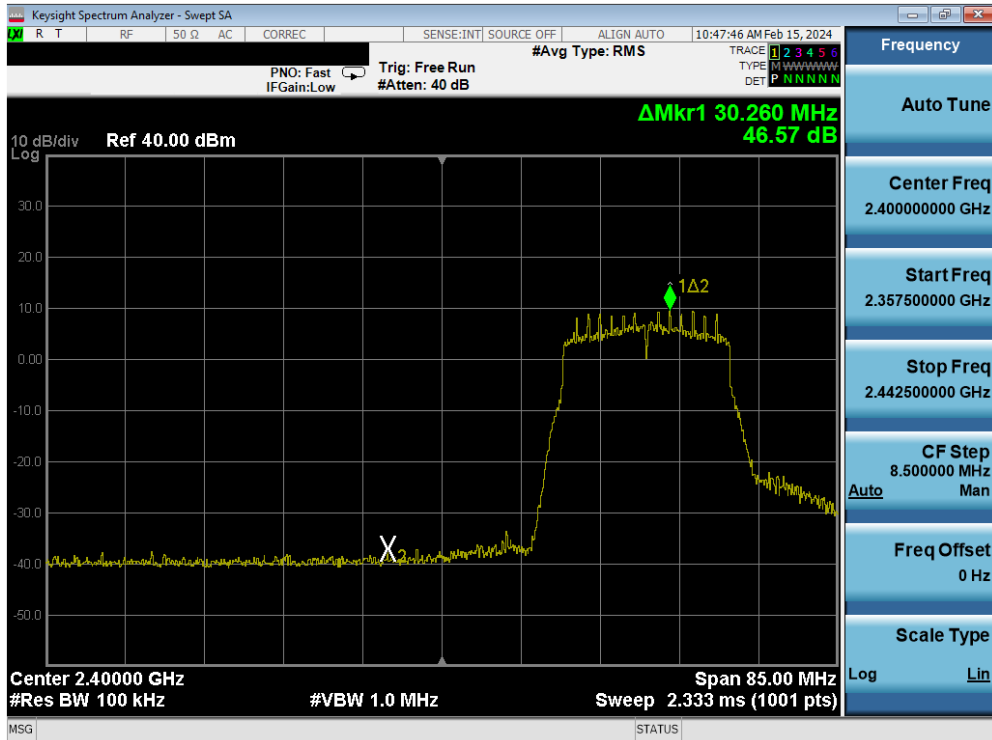


Plot 7-185. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 1) – MCS2

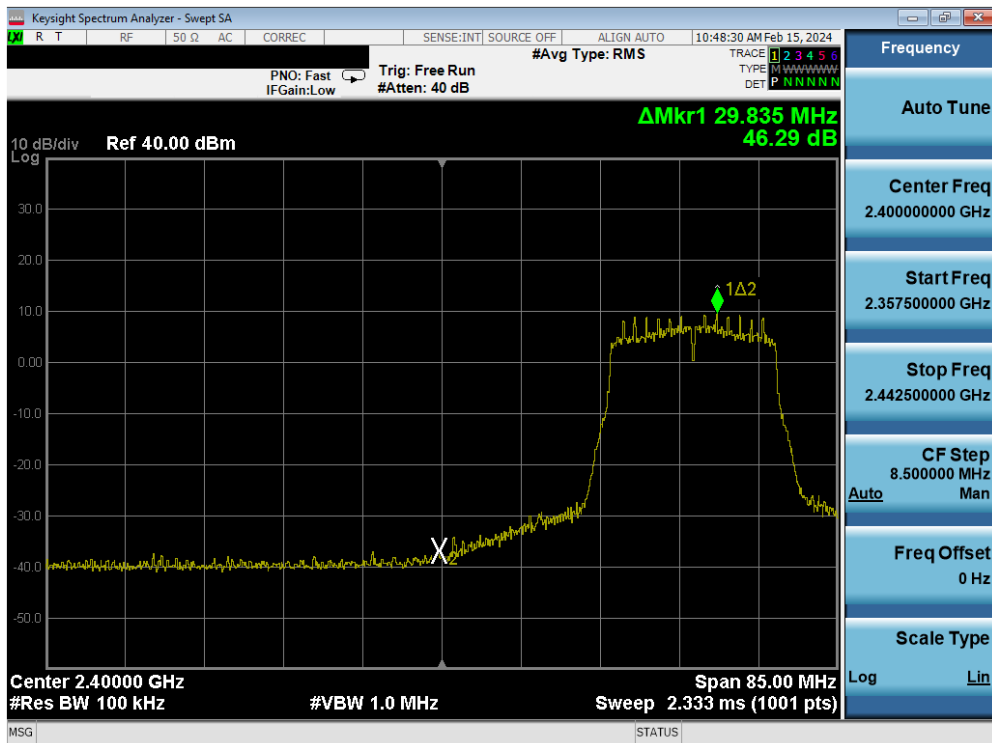


Plot 7-186. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 2) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 136 of 372

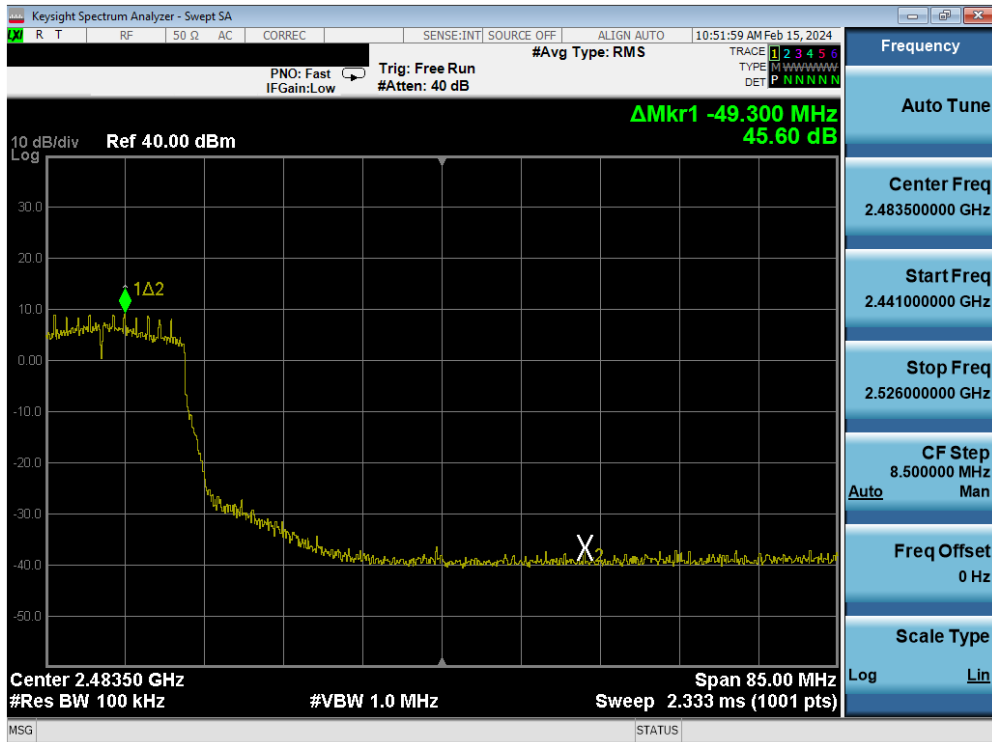


Plot 7-187. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 3) – MCS2

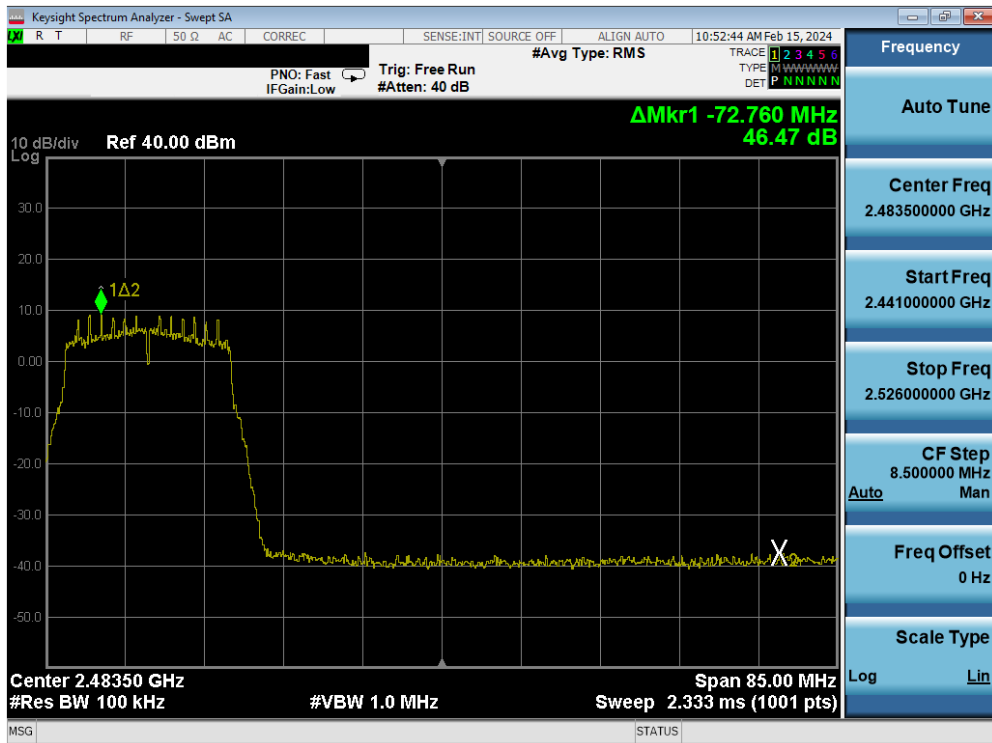


Plot 7-188. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 4) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG			Test Dates: 1/8/2024 - 3/15/2024

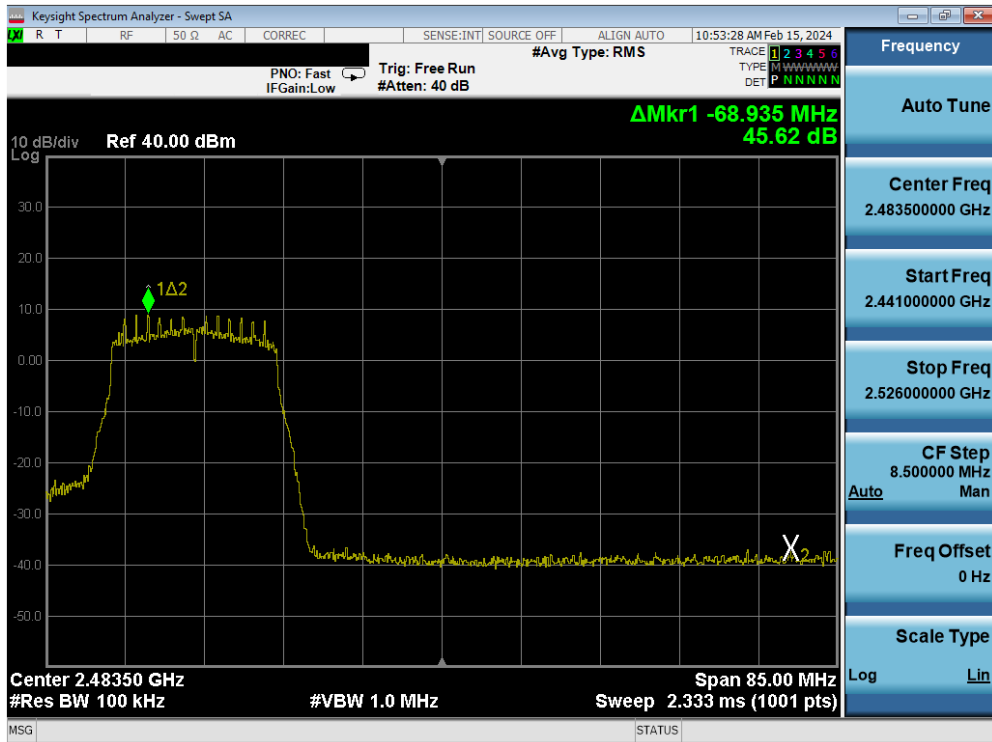


Plot 7-189. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 8) – MCS2

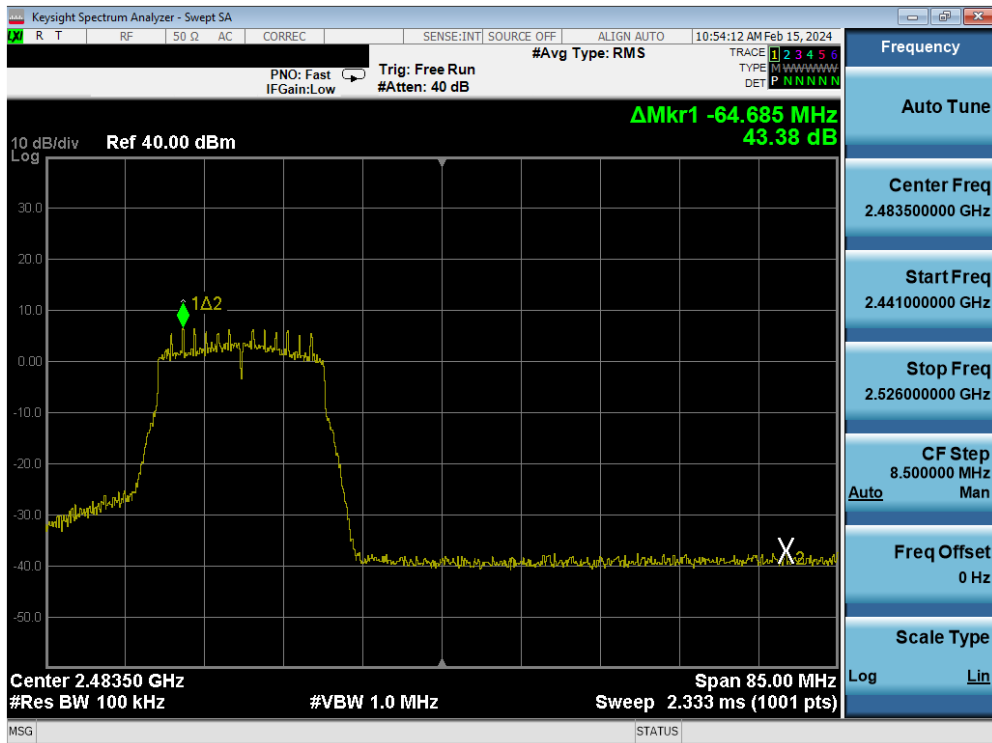


Plot 7-190. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 9) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 138 of 372

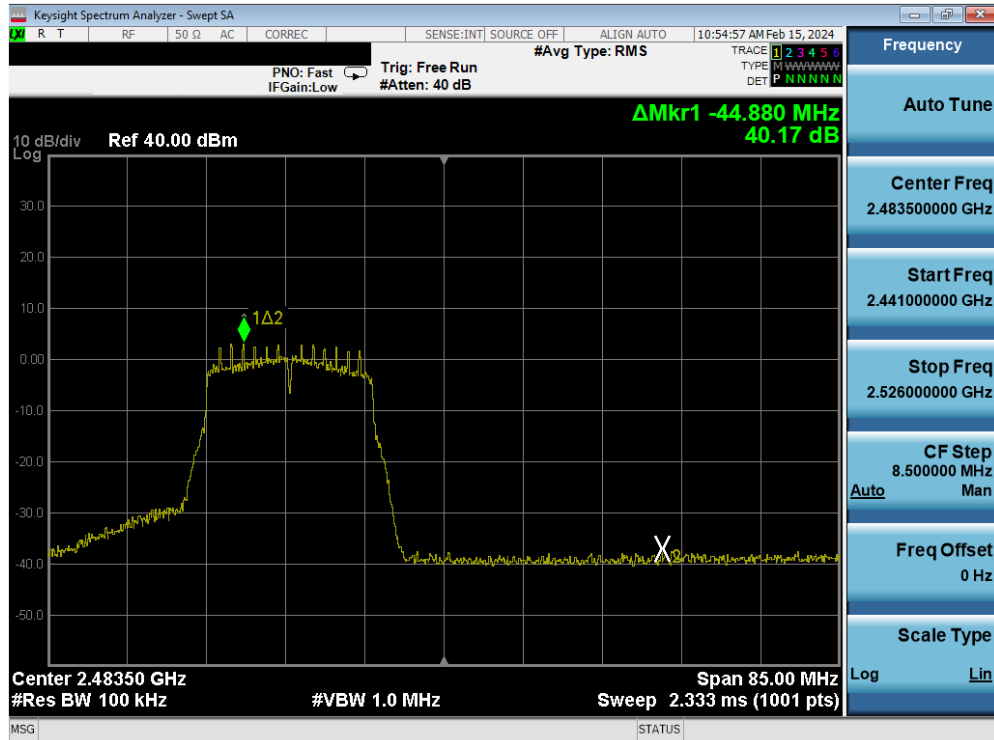


Plot 7-191. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 10) – MCS2

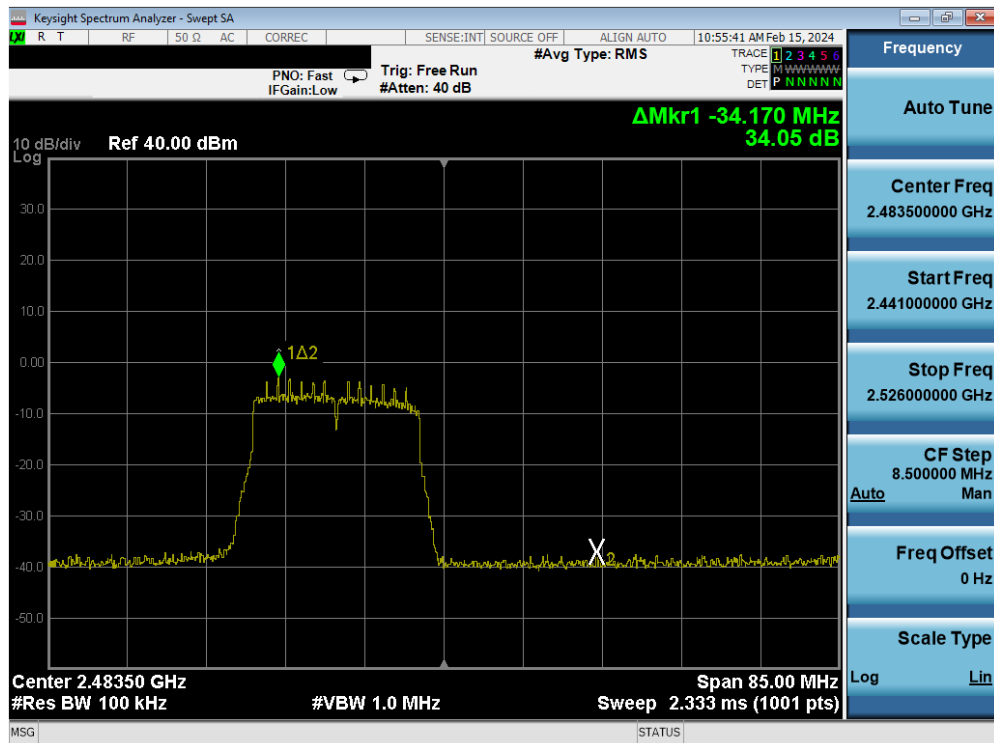


Plot 7-192. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 11) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 139 of 372

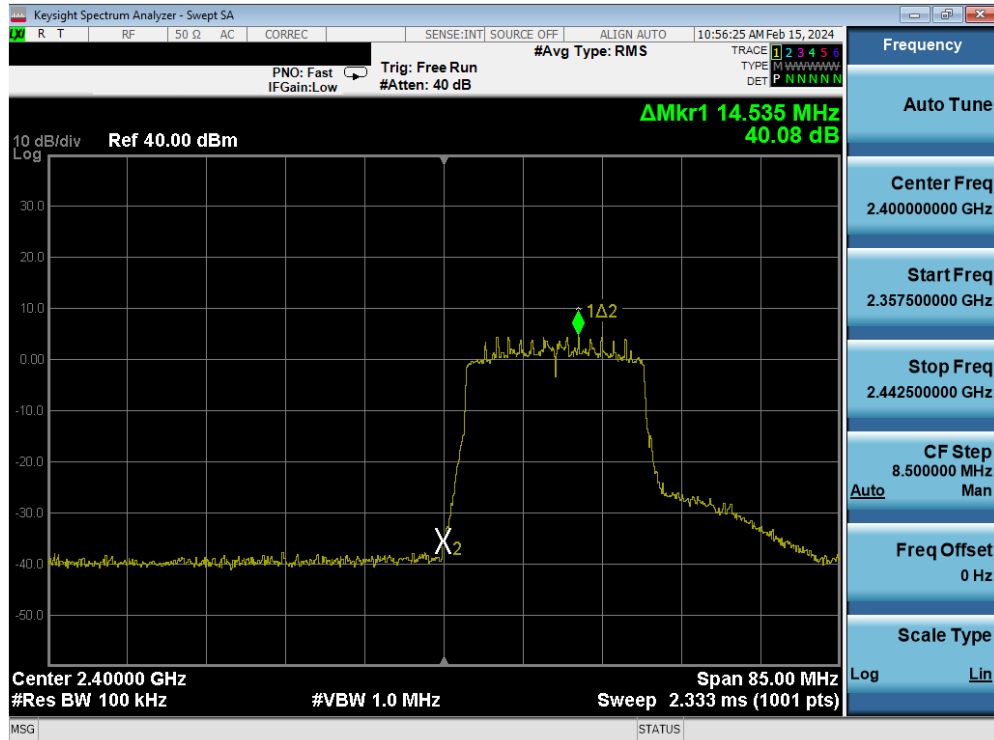


Plot 7-193. Band Edge Plot Antenna 4a (802.11n (2.4GHz) - Ch. 12) - MCS2

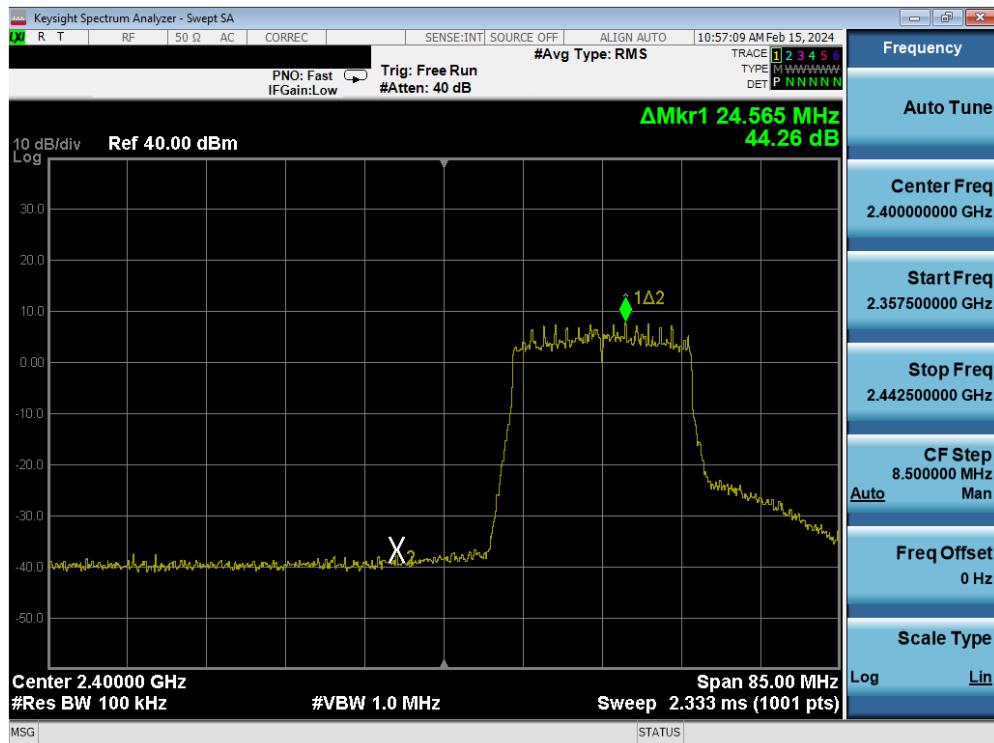


Plot 7-194. Band Edge Plot Antenna 4a (802.11n (2.4GHz) - Ch. 13) - MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 140 of 372

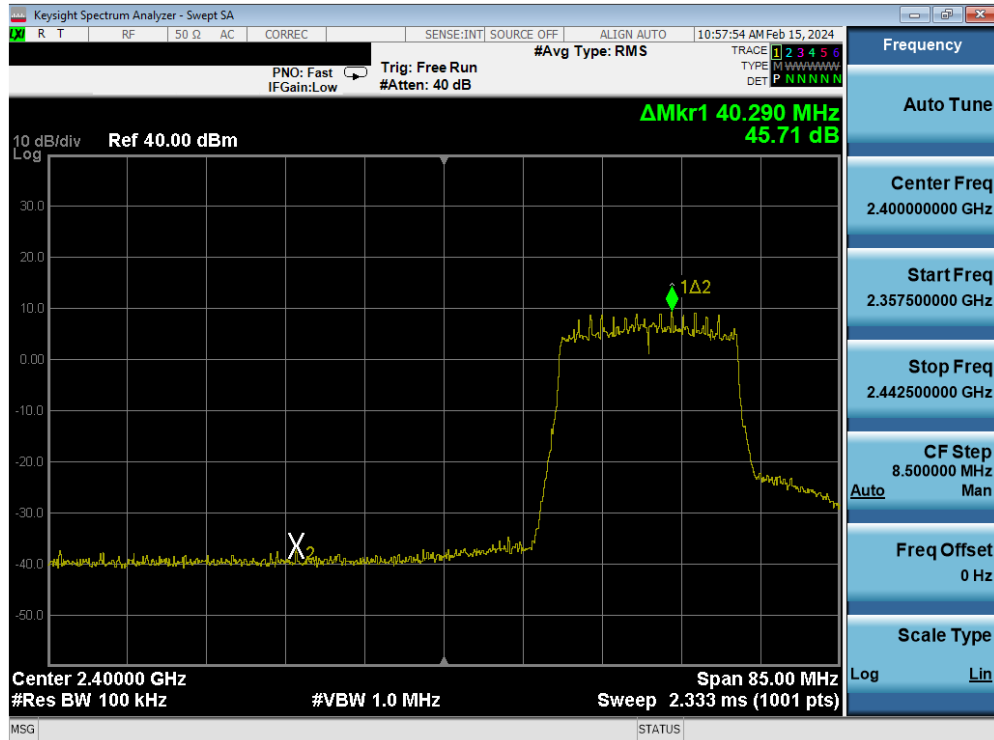


Plot 7-195. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2

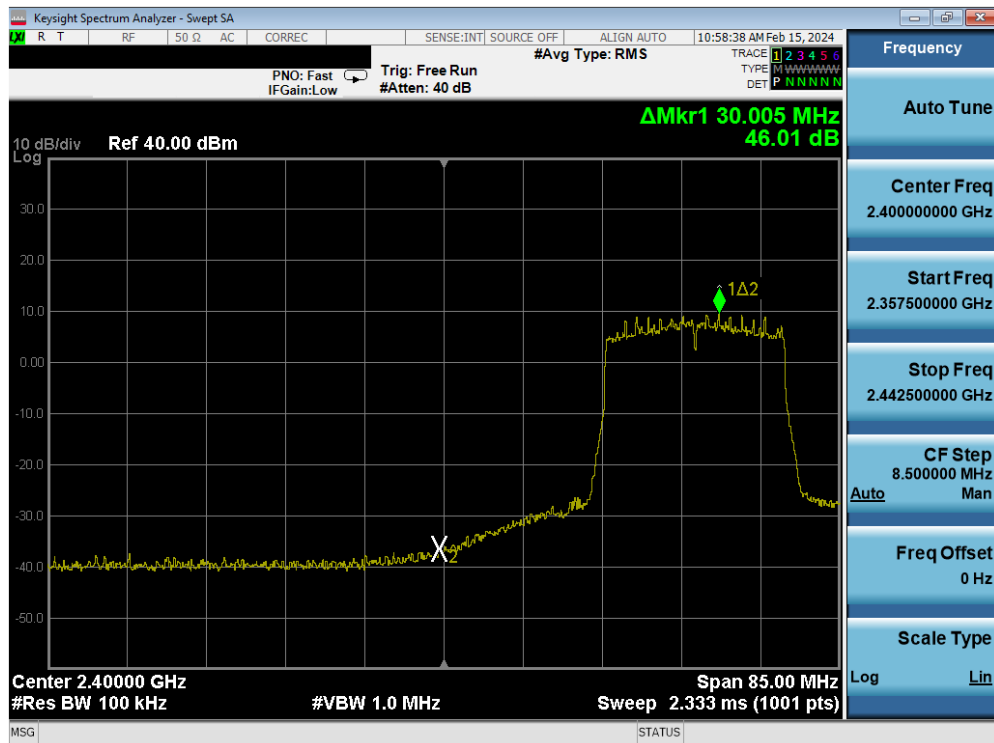


Plot 7-196. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 141 of 372

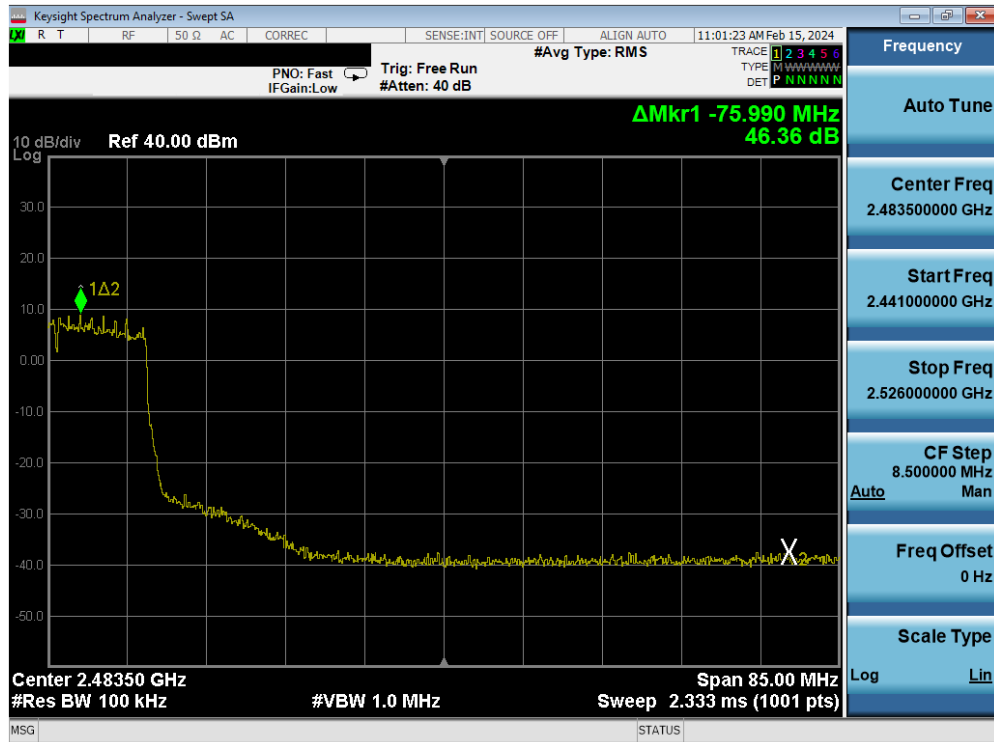


Plot 7-197. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS2

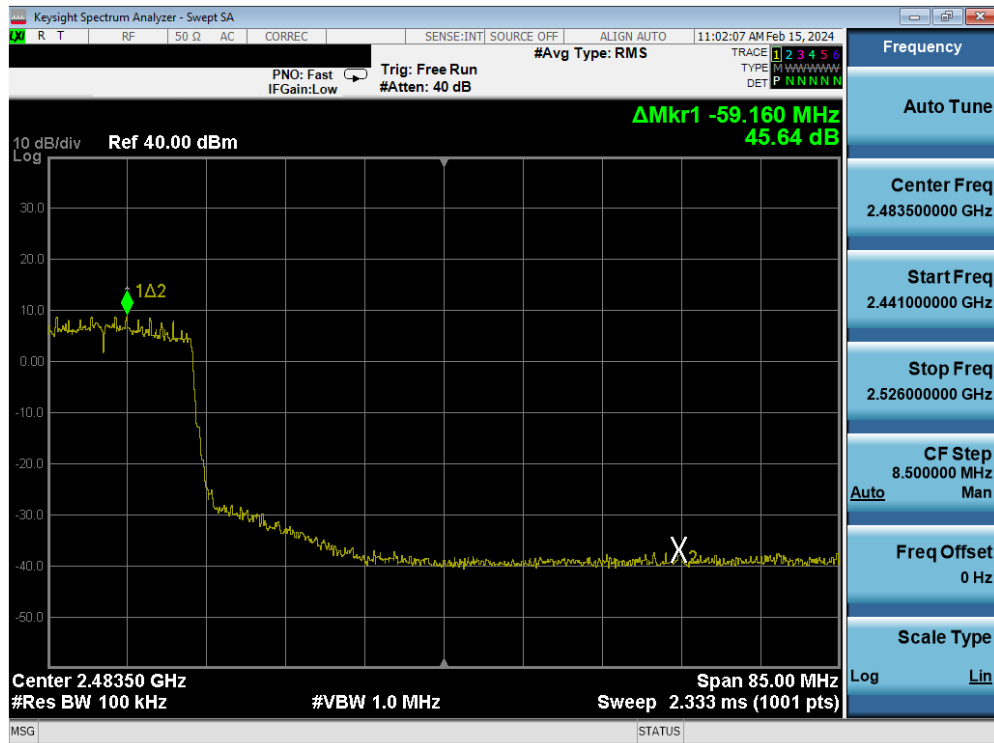


Plot 7-198. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG			Test Dates: 1/8/2024 - 3/15/2024

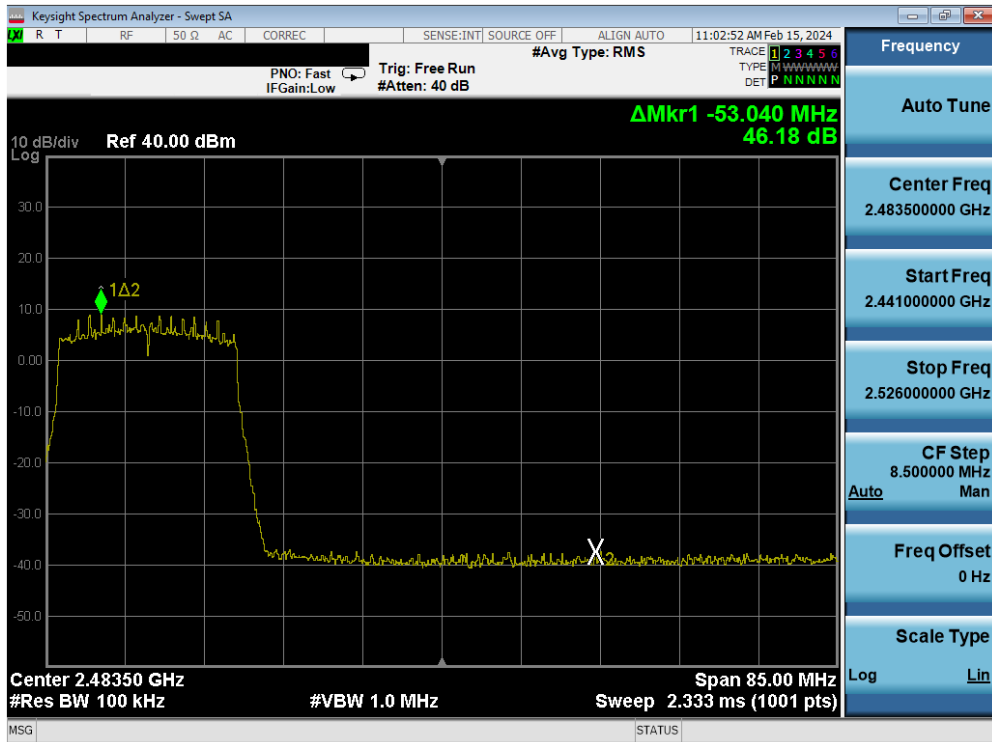


Plot 7-199. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS2

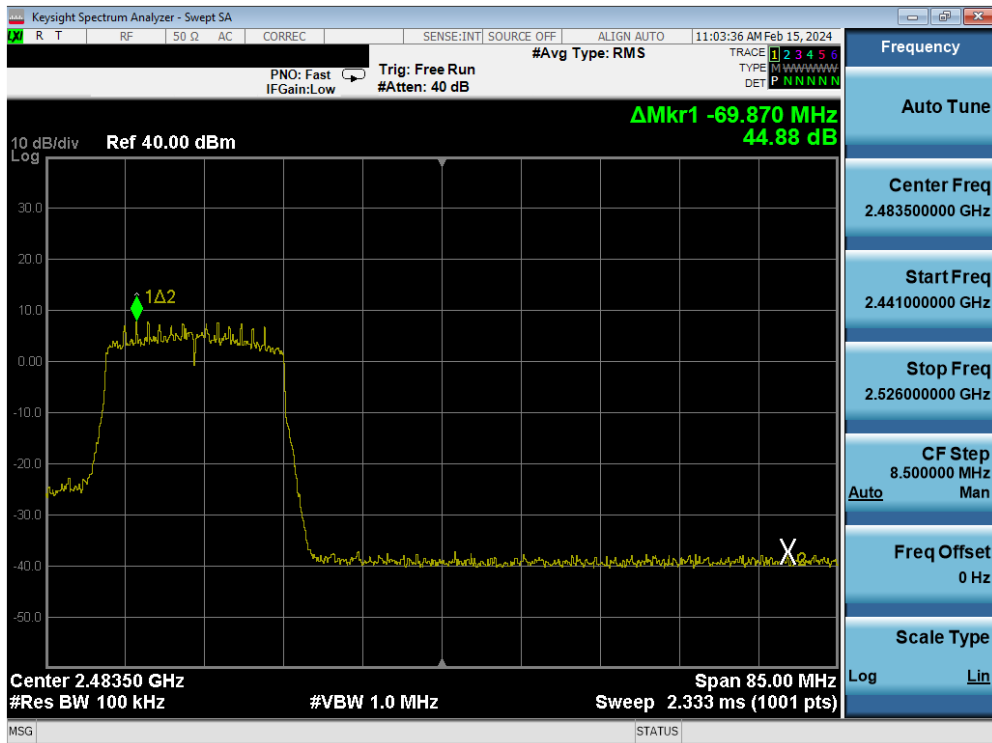


Plot 7-200. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 143 of 372



Plot 7-201. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS2

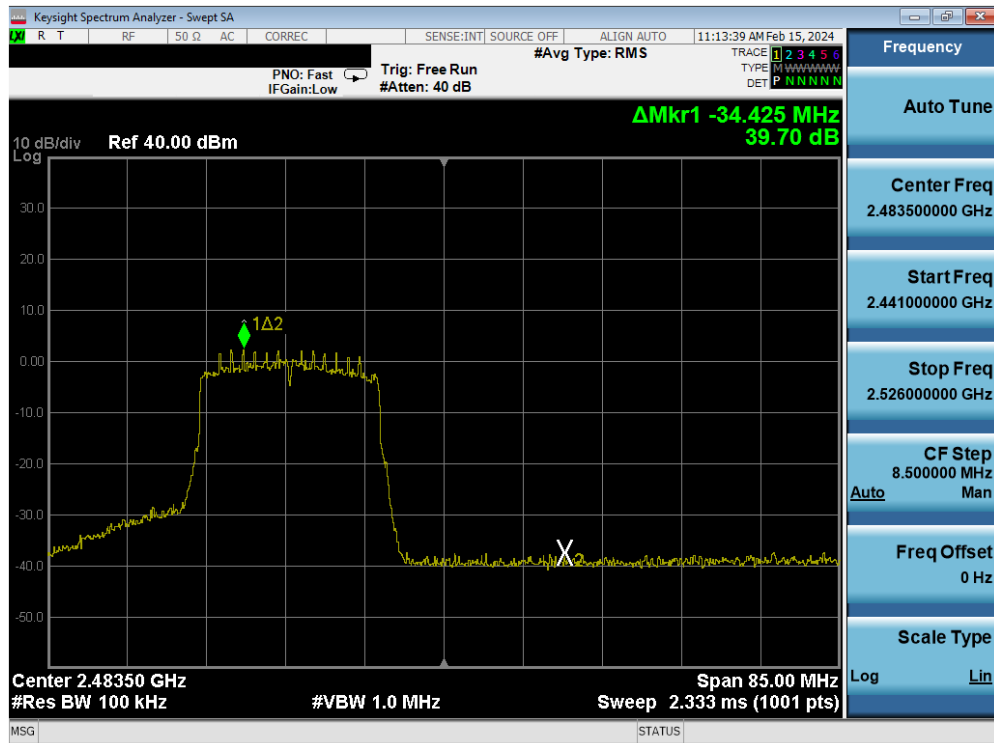


Plot 7-202. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 144 of 372



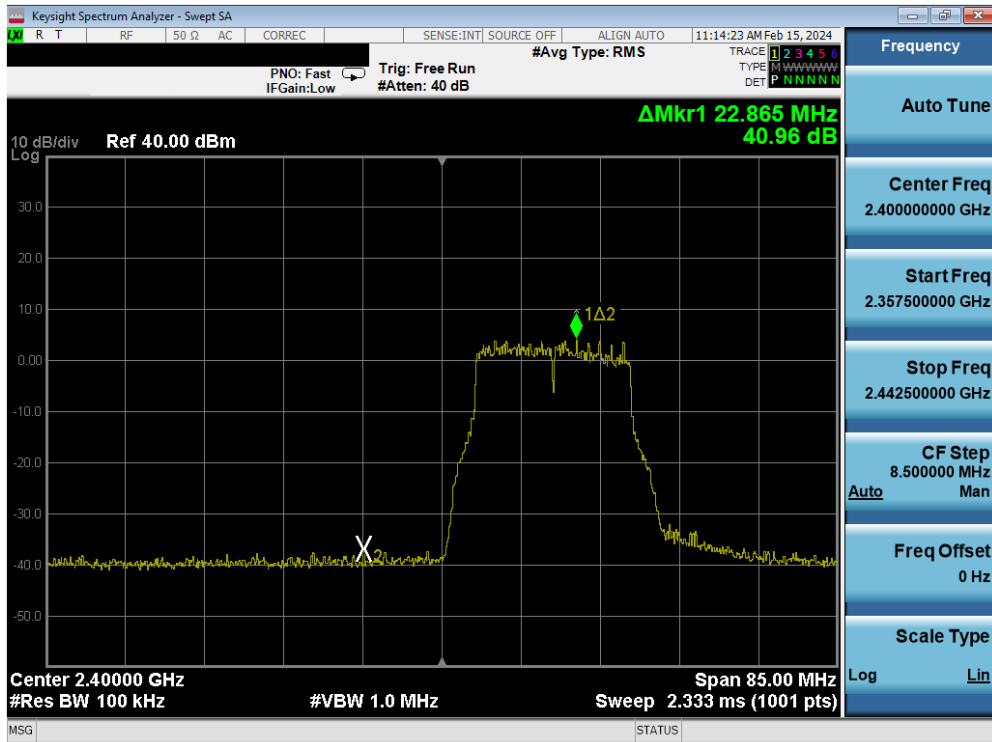
Plot 7-203. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2



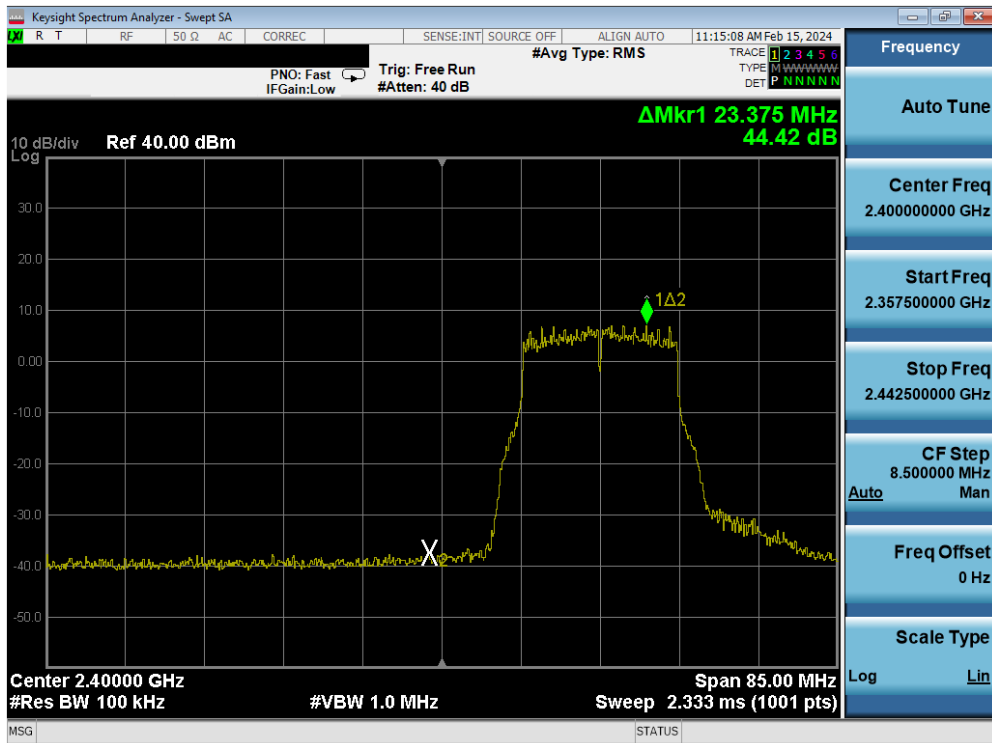
Plot 7-204. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS2

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 145 of 372

Mid Rate

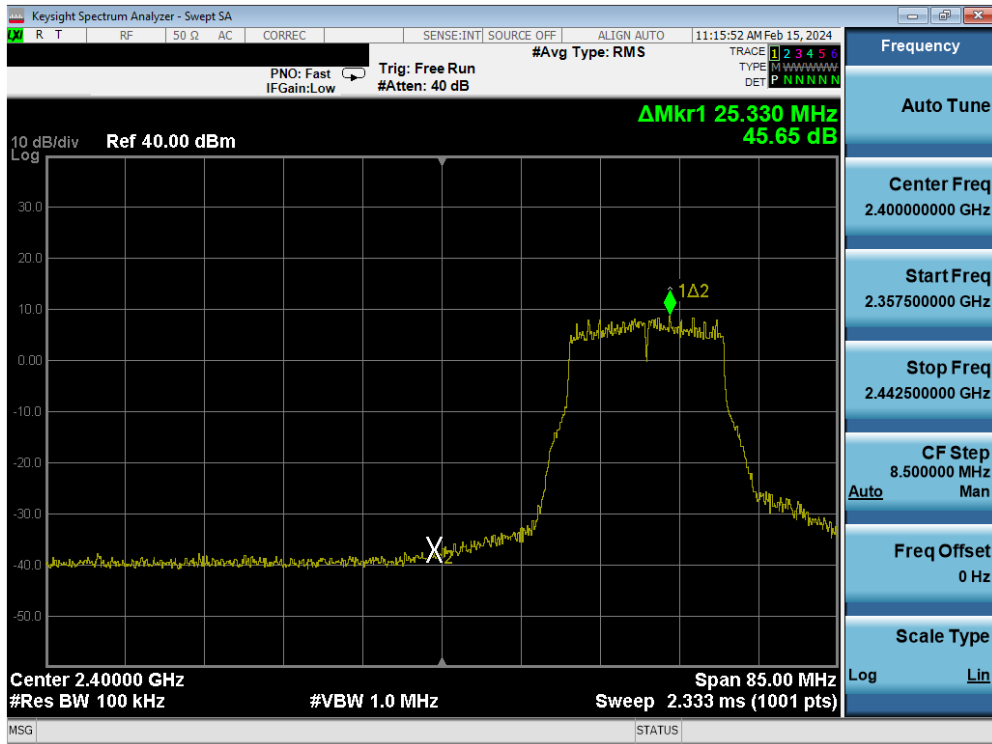


Plot 7-205. Band Edge Plot Antenna 4a (802.11g – Ch. 1) – 24Mbps

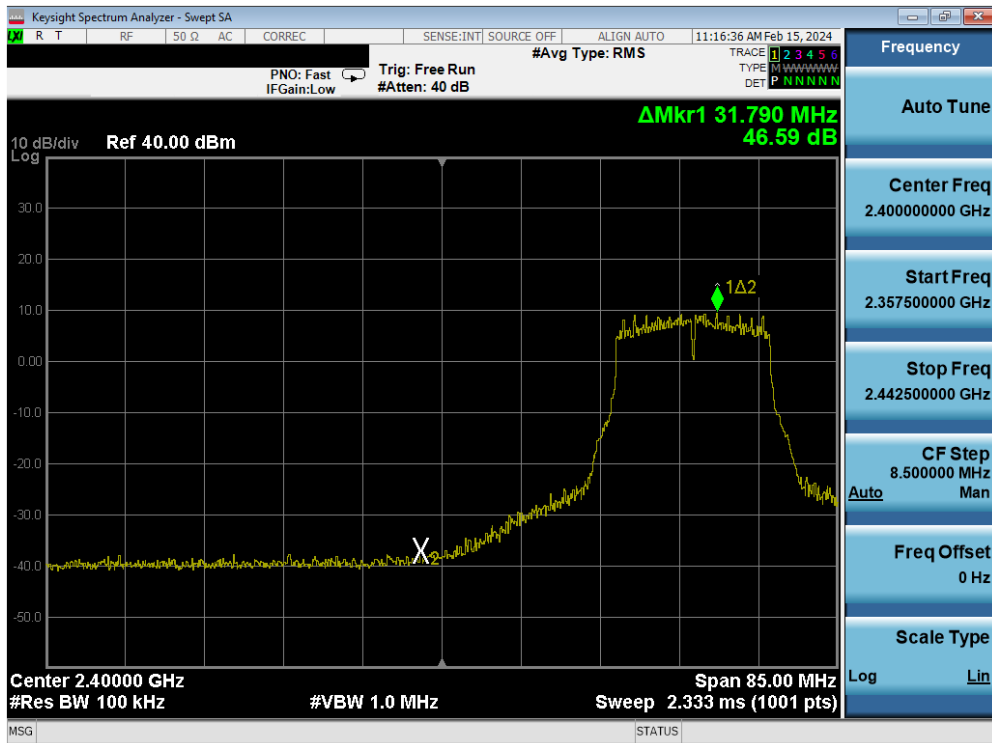


Plot 7-206. Band Edge Plot Antenna 4a (802.11g – Ch. 2) – 24Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 146 of 372

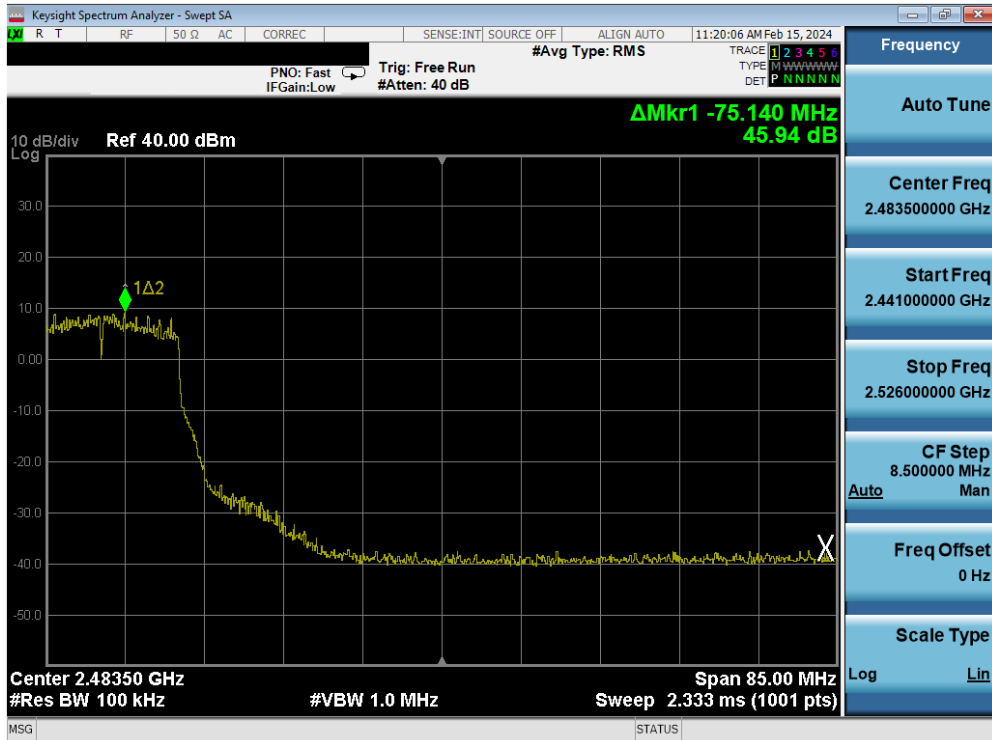


Plot 7-207. Band Edge Plot Antenna 4a (802.11g – Ch. 3) – 24Mbps

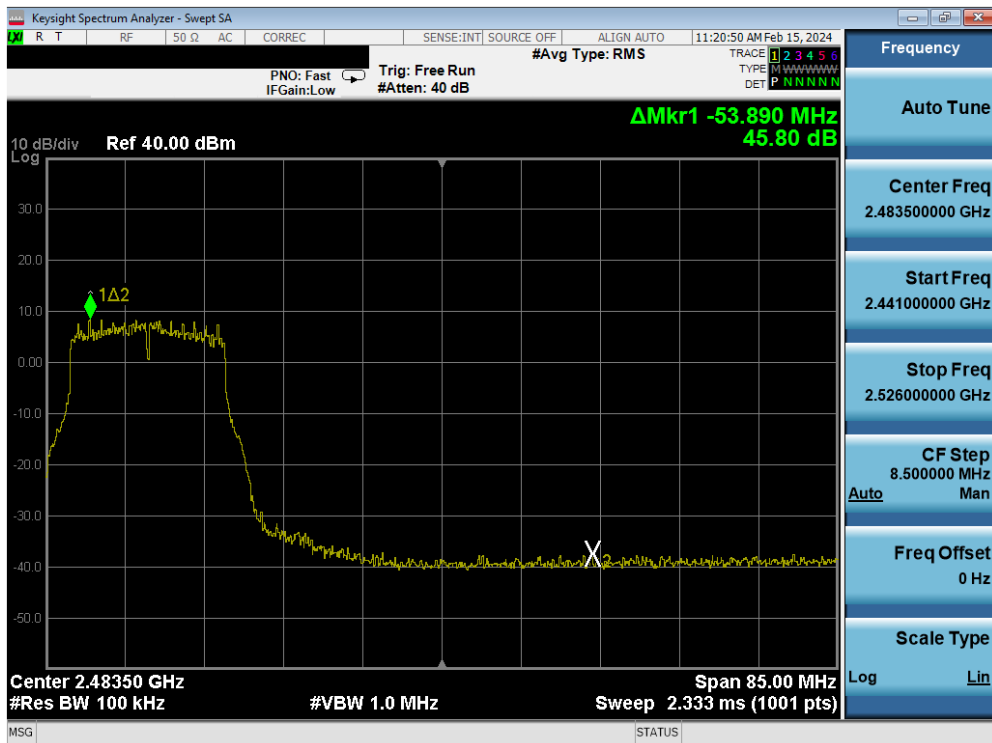


Plot 7-208. Band Edge Plot Antenna 4a (802.11g – Ch. 4) – 24Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 147 of 372

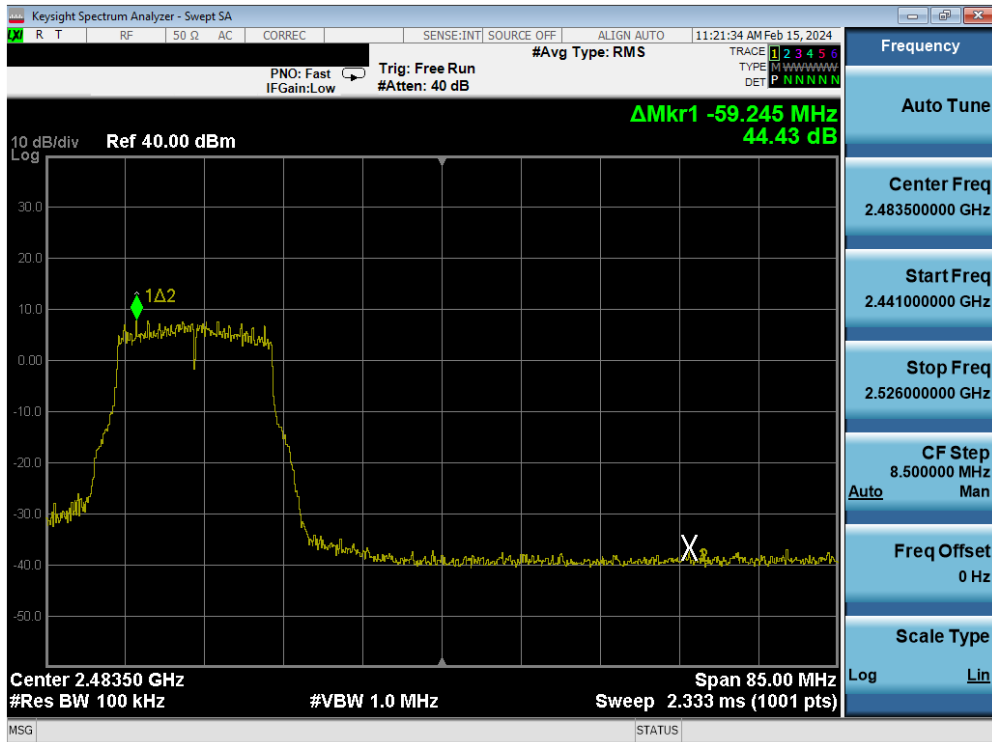


Plot 7-209. Band Edge Plot Antenna 4a (802.11g – Ch. 8) – 24Mbps

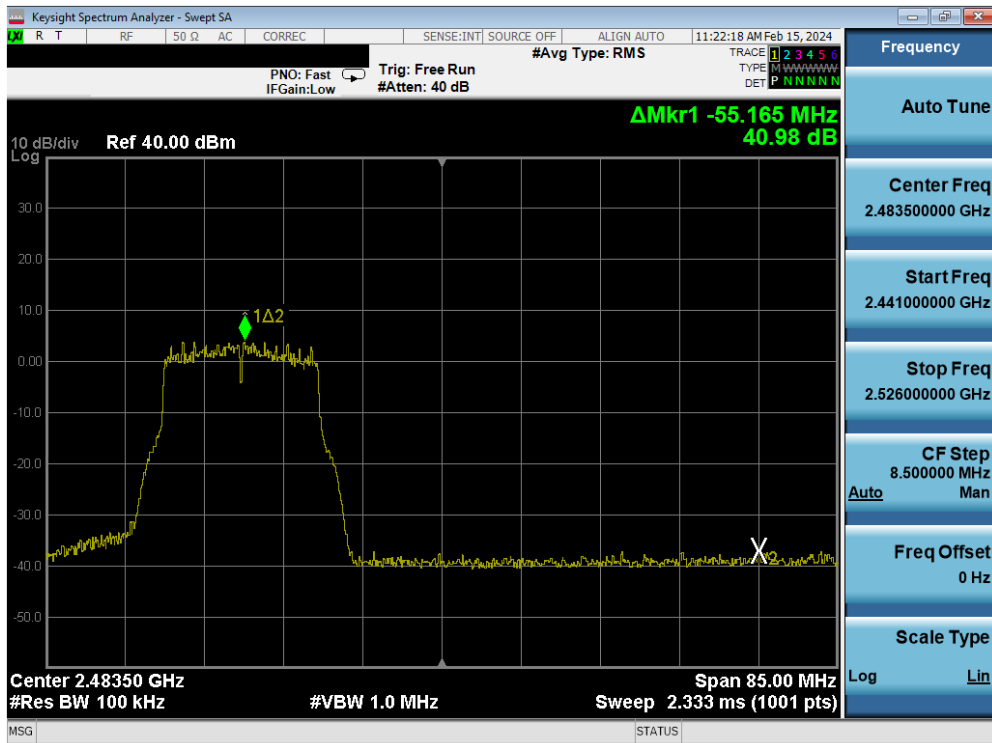


Plot 7-210. Band Edge Plot Antenna 4a (802.11g – Ch. 9) – 24Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 148 of 372

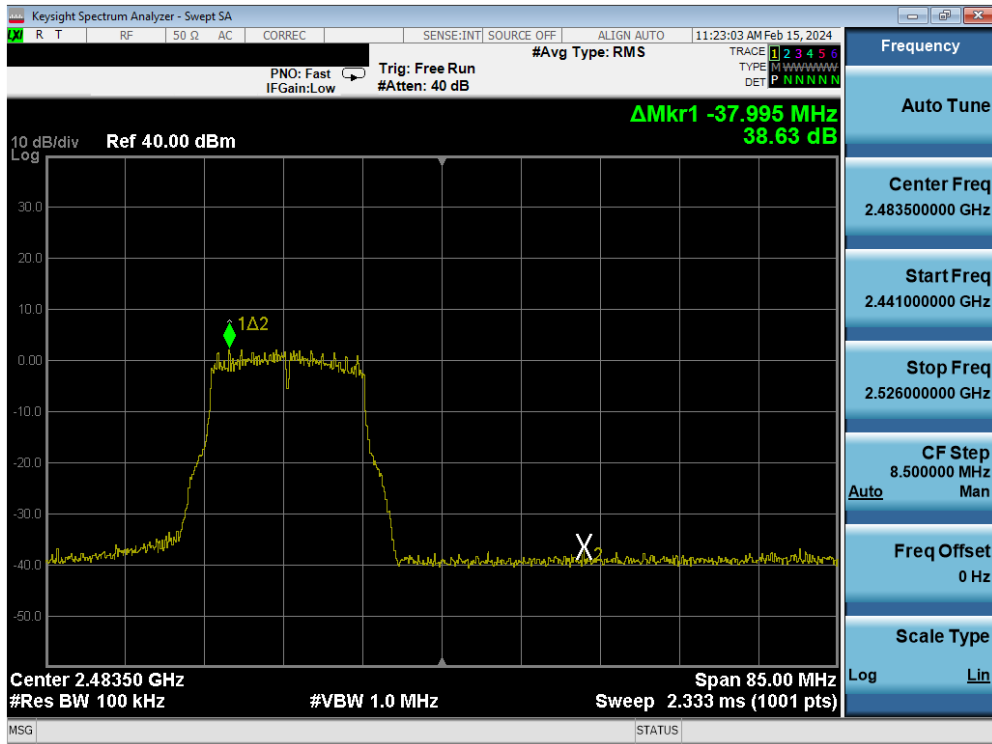


Plot 7-211. Band Edge Plot Antenna 4a (802.11g – Ch. 10) – 24Mbps

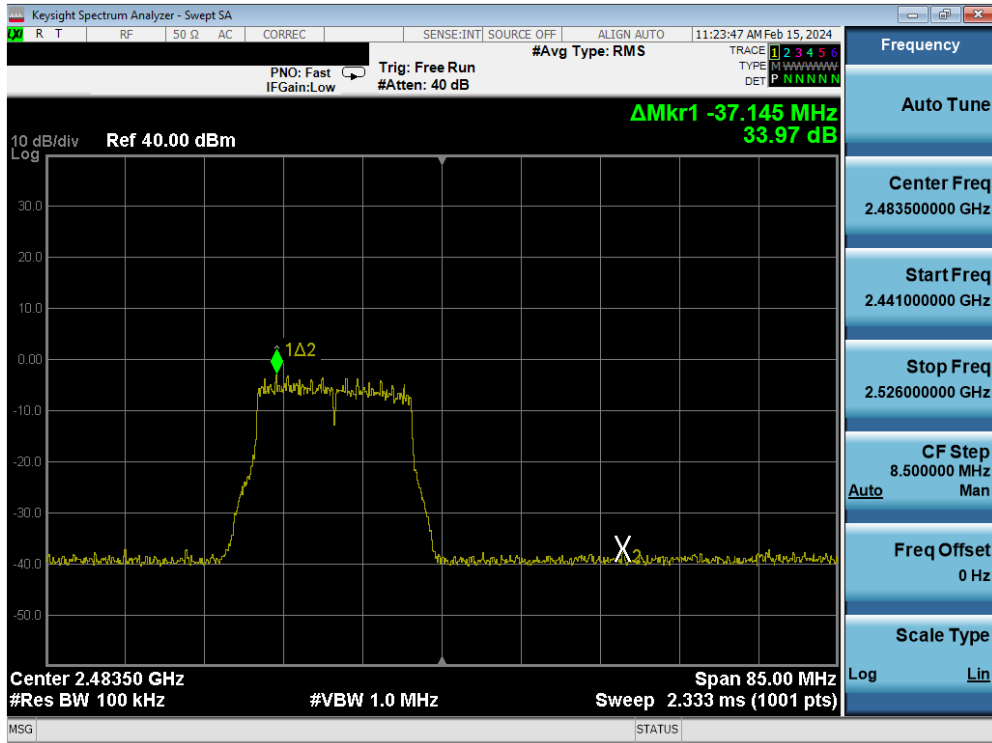


Plot 7-212. Band Edge Plot Antenna 4a (802.11g – Ch. 11) – 24Mbps

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG		Test Dates: 1/8/2024 - 3/15/2024

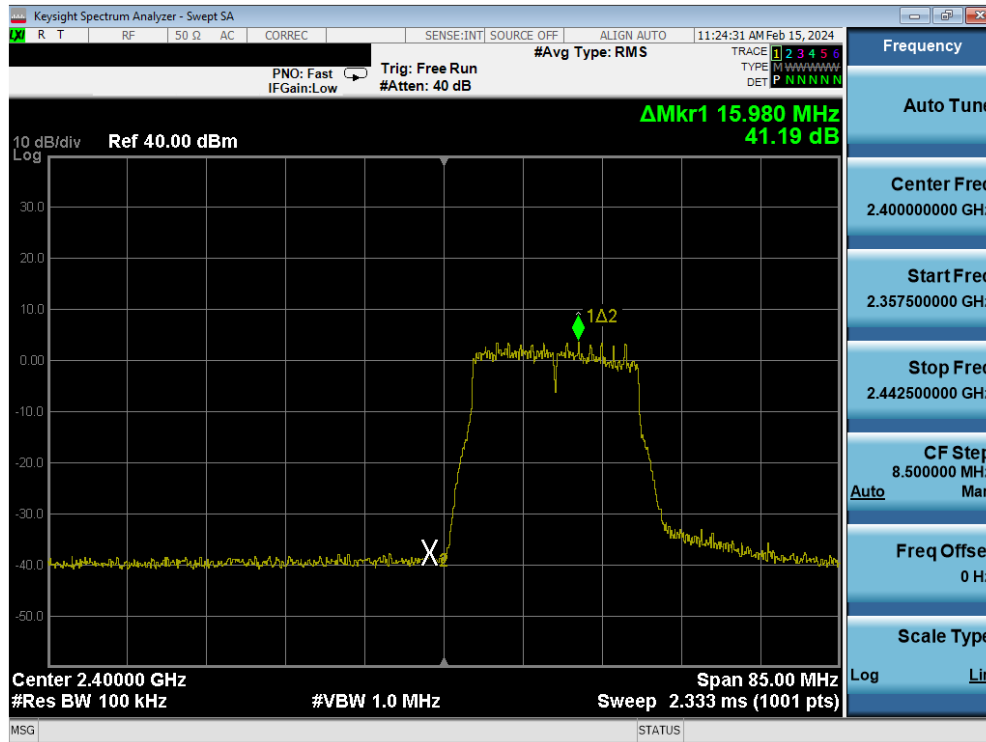


Plot 7-213. Band Edge Plot Antenna 4a (802.11g – Ch. 12) – 24Mbps

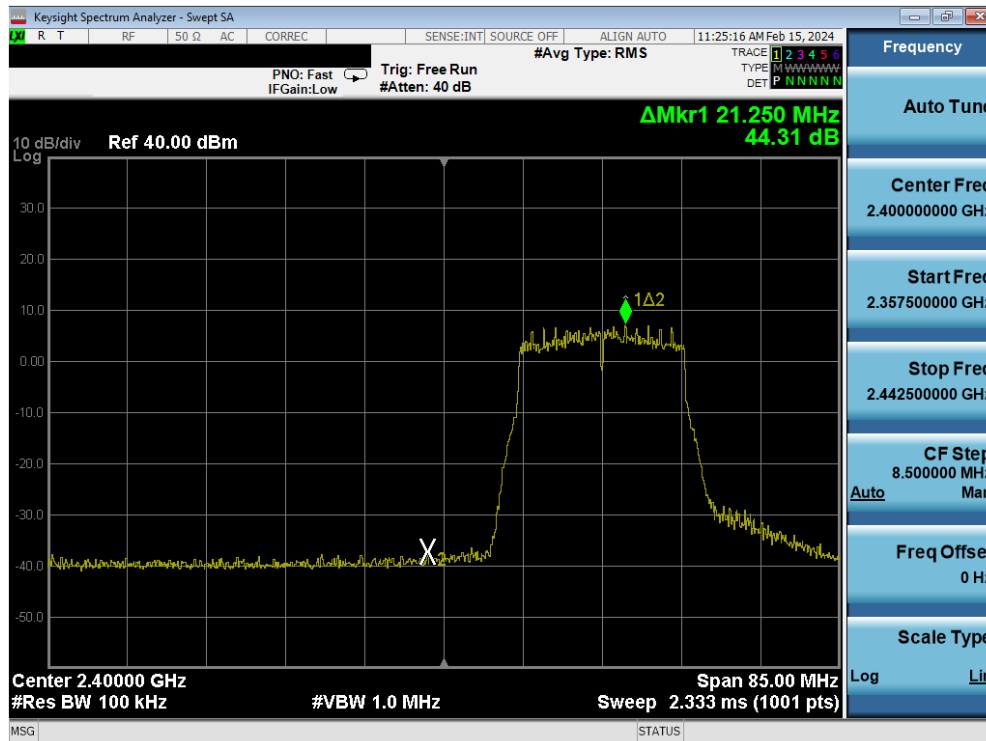


Plot 7-214. Band Edge Plot Antenna 4a (802.11g – Ch. 13) – 24Mbps

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG		Test Dates: 1/8/2024 - 3/15/2024

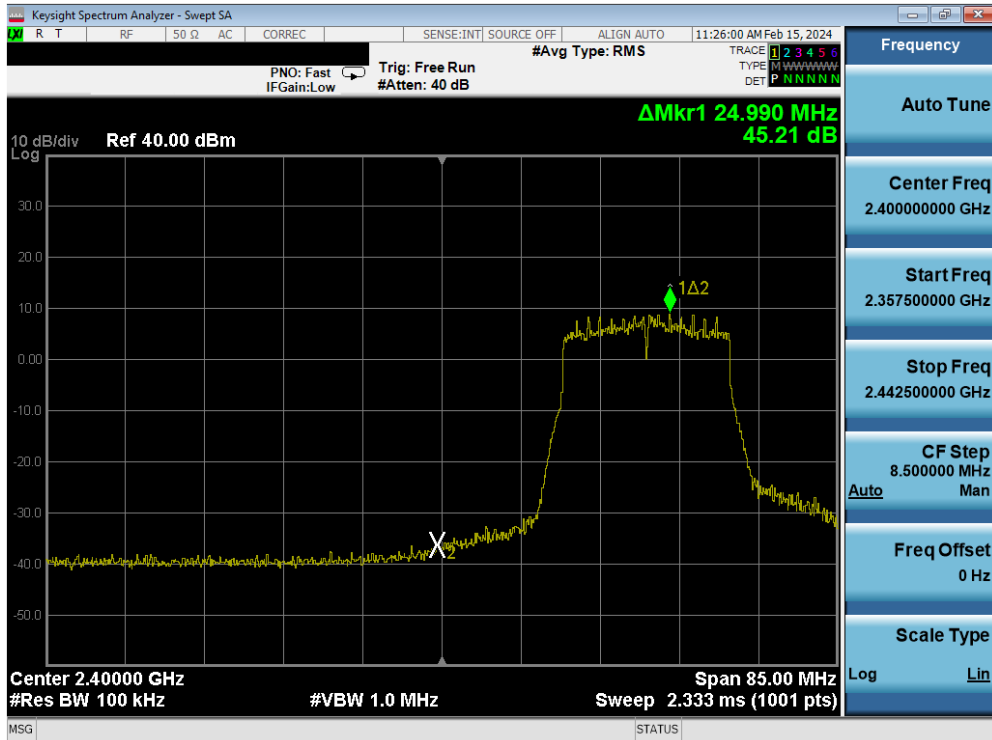


Plot 7-215. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 1) – MCS4

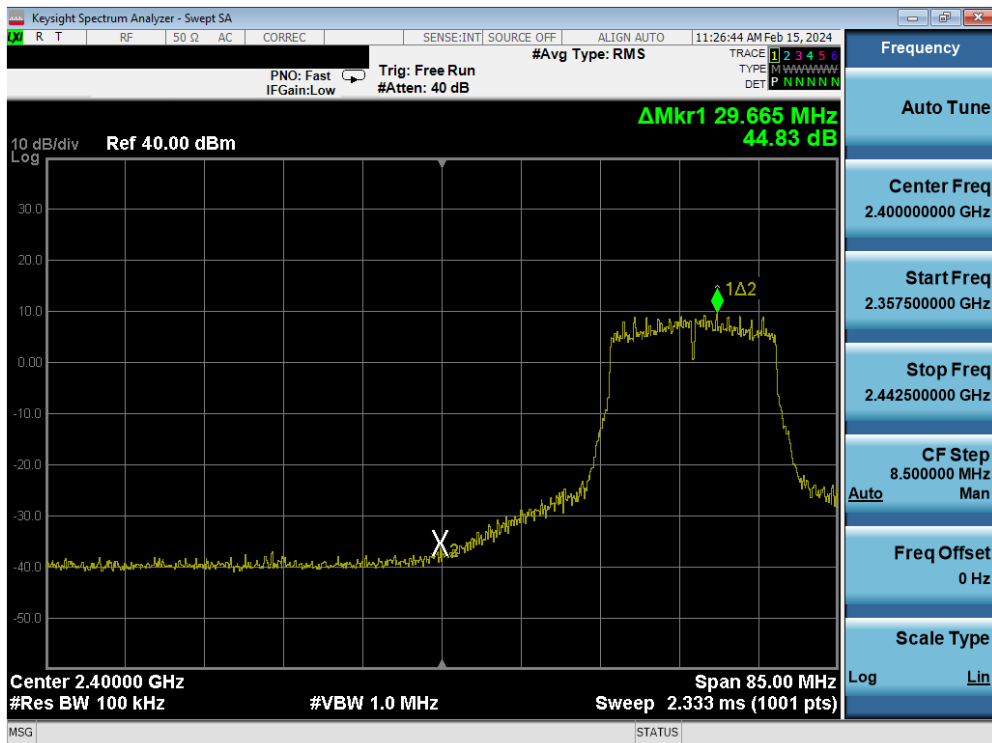


Plot 7-216. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 2) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 151 of 372

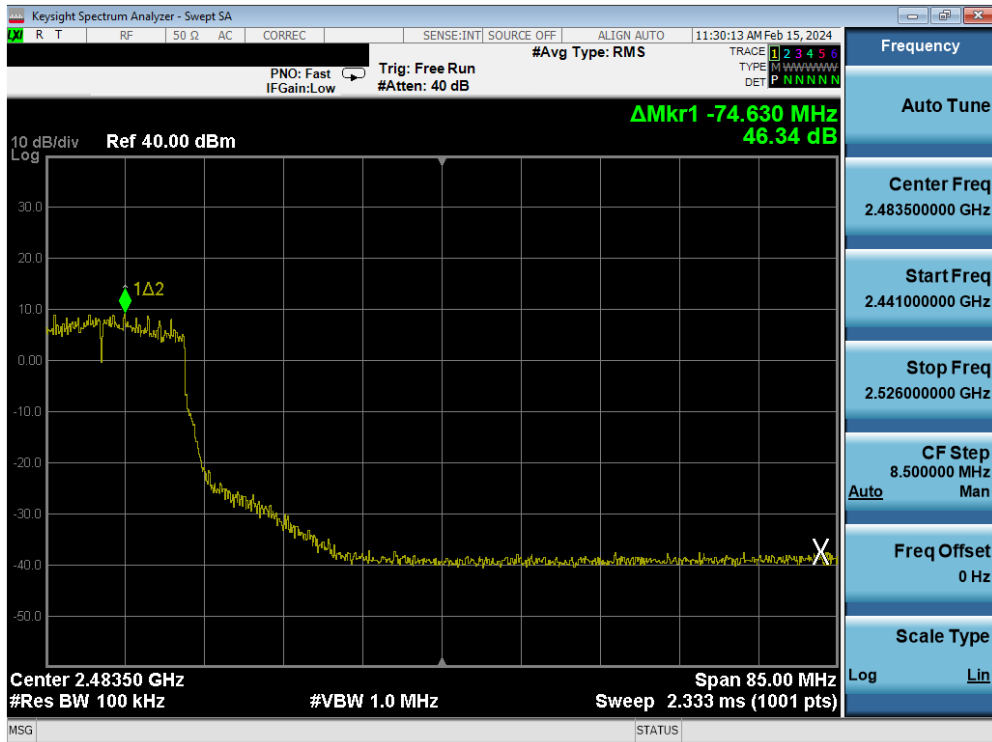


Plot 7-217. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 3) – MCS4

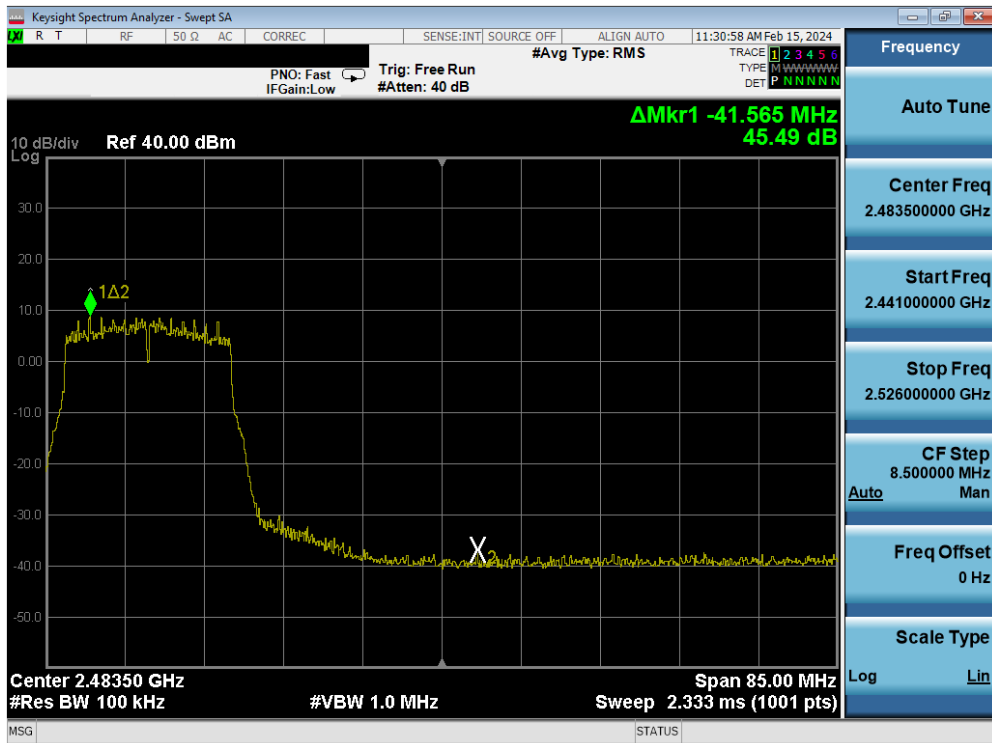


Plot 7-218. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 4) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 152 of 372

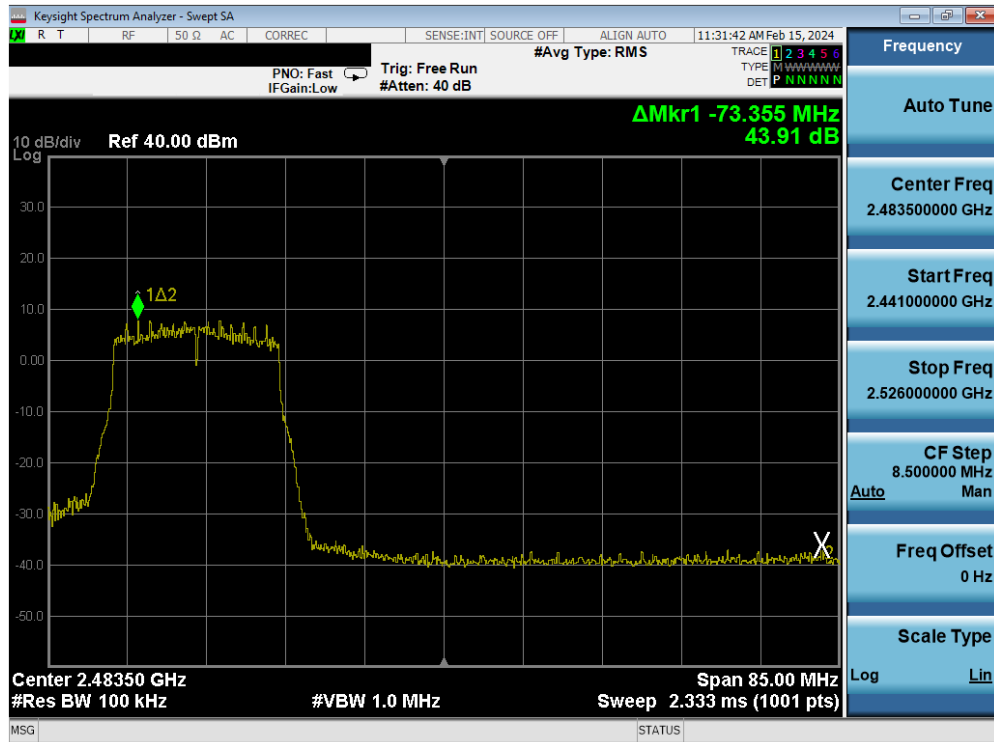


Plot 7-219. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 8) – MCS4

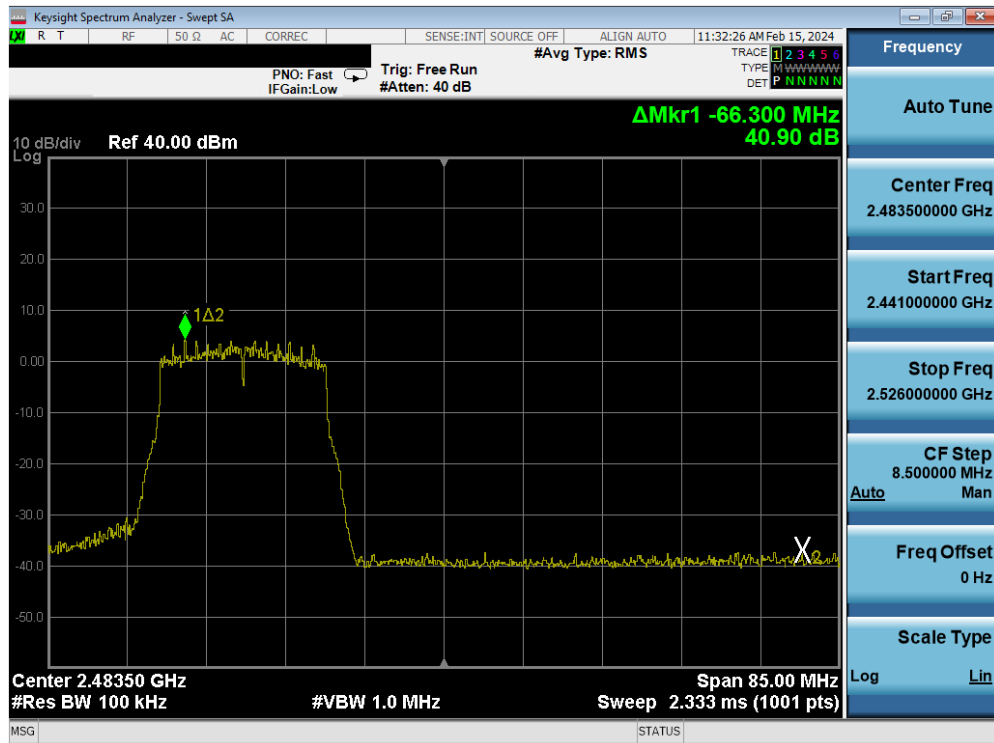


Plot 7-220. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 9) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 153 of 372

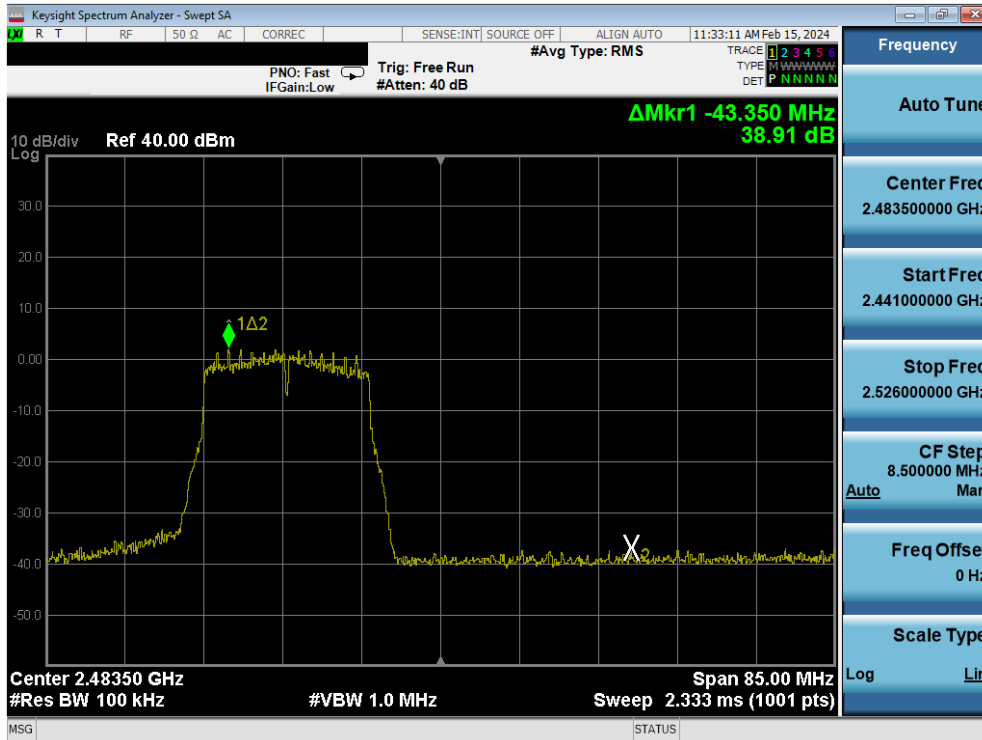


Plot 7-221. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 10) – MCS4

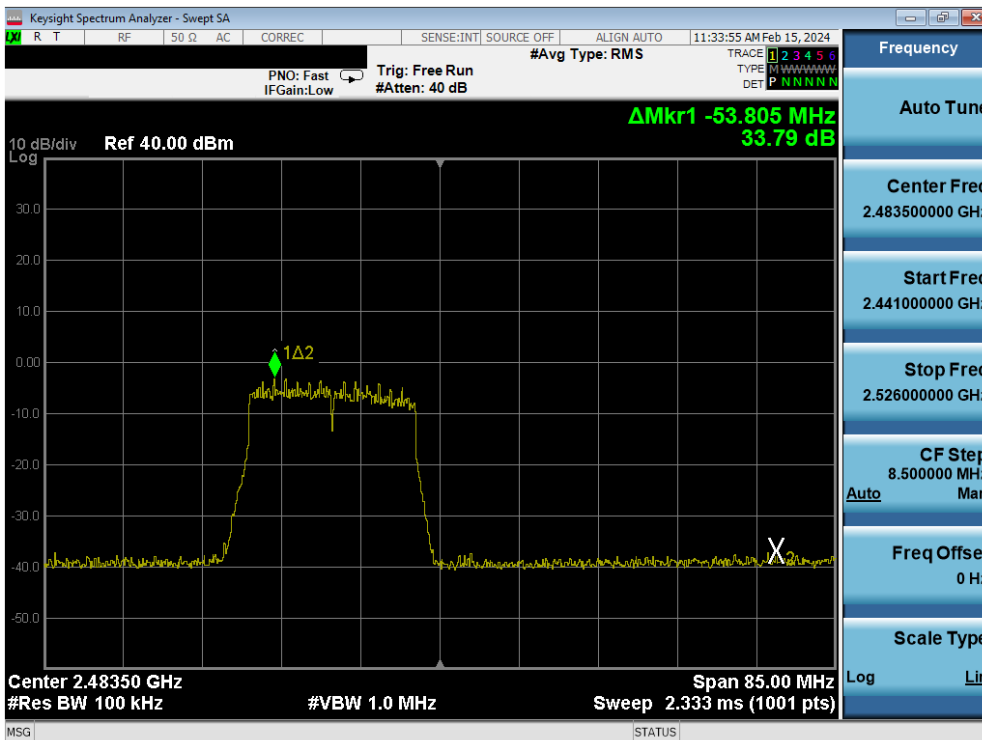


Plot 7-222. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 11) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 154 of 372

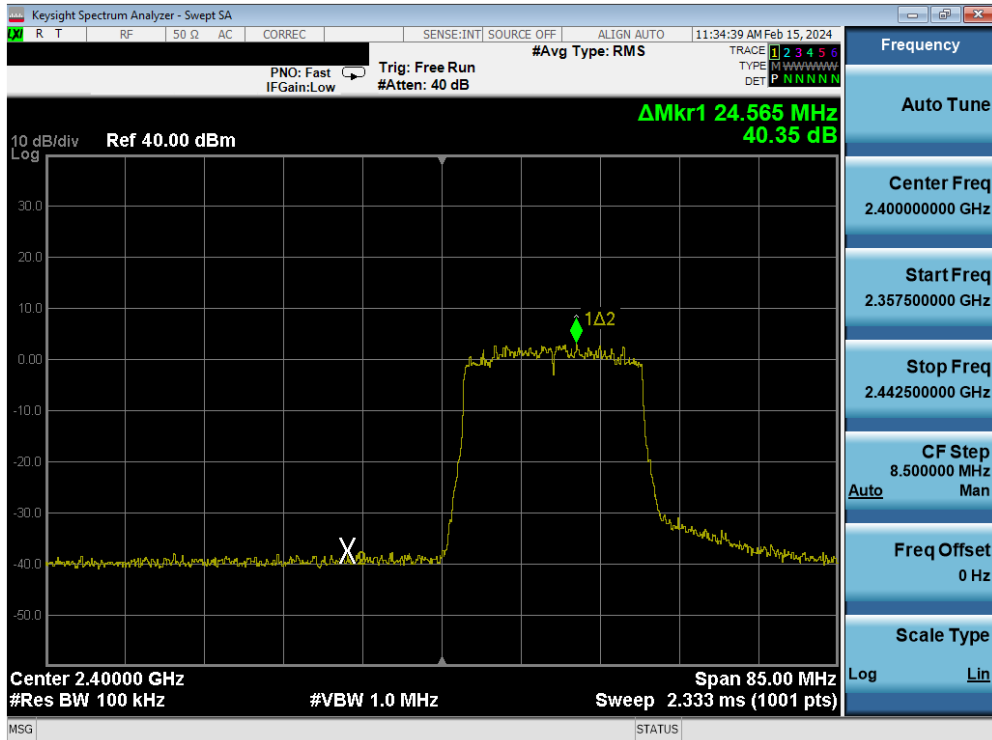


Plot 7-223. Band Edge Plot Antenna 4a (802.11n (2.4GHz) - Ch. 12) - MCS4

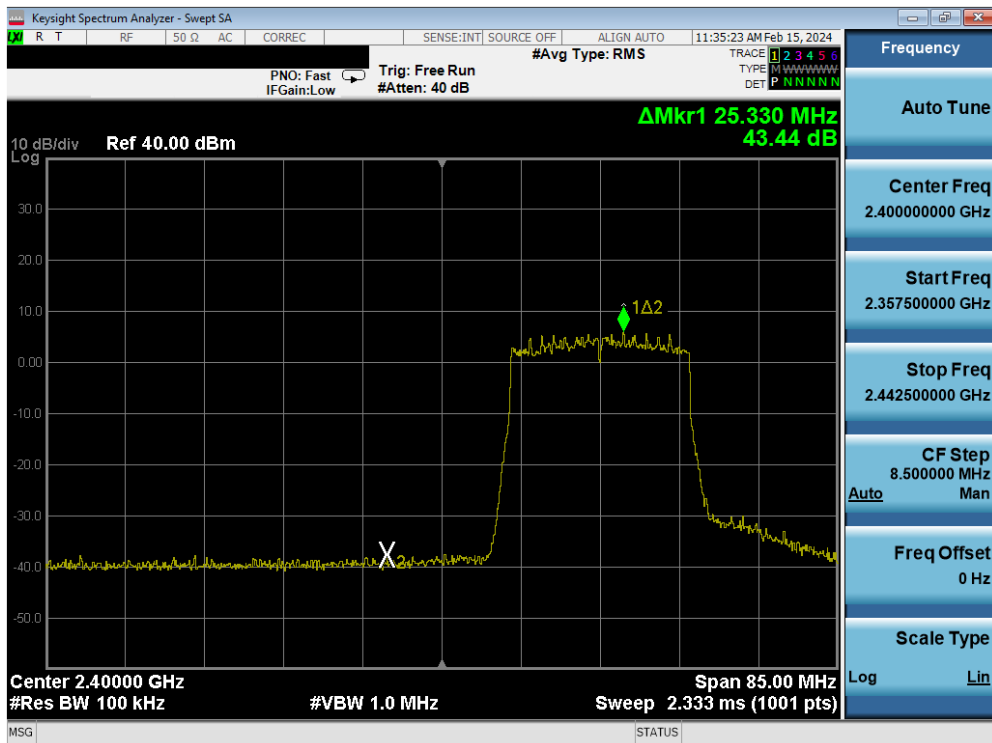


Plot 7-224. Band Edge Plot Antenna 4a (802.11n (2.4GHz) - Ch. 13) - MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 155 of 372

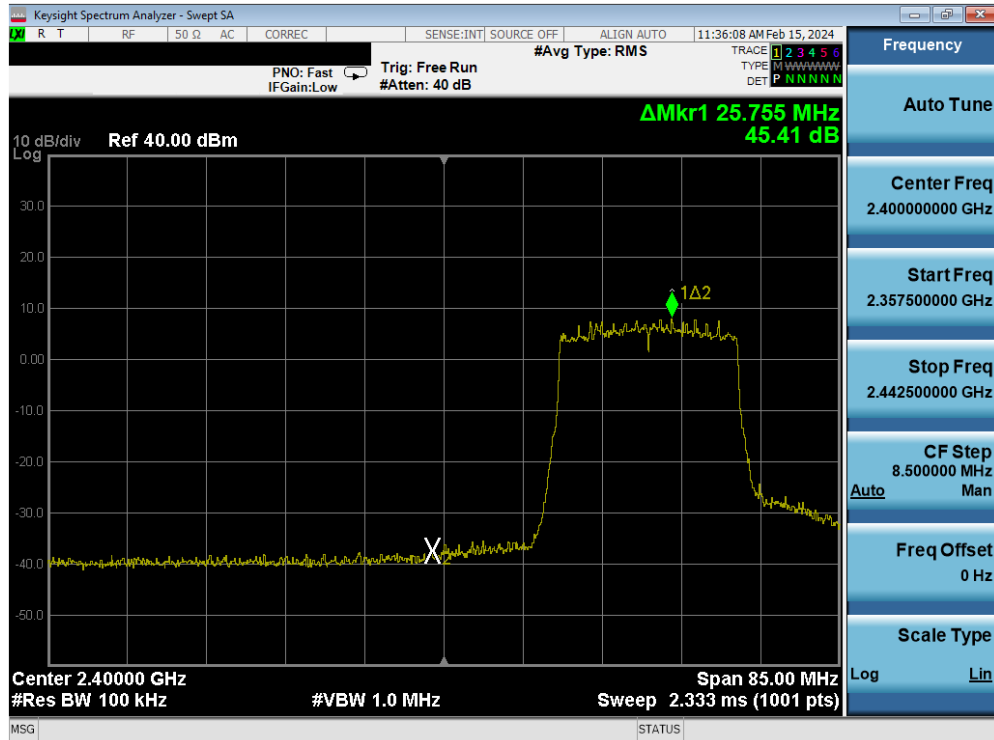


Plot 7-225. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4

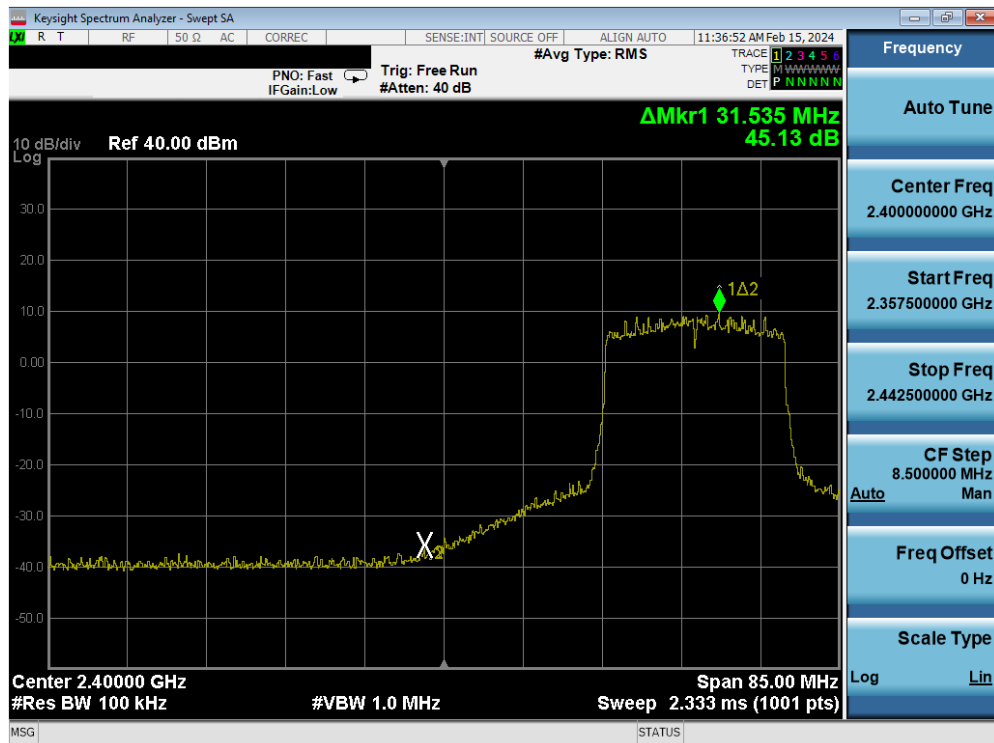


Plot 7-226. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 156 of 372

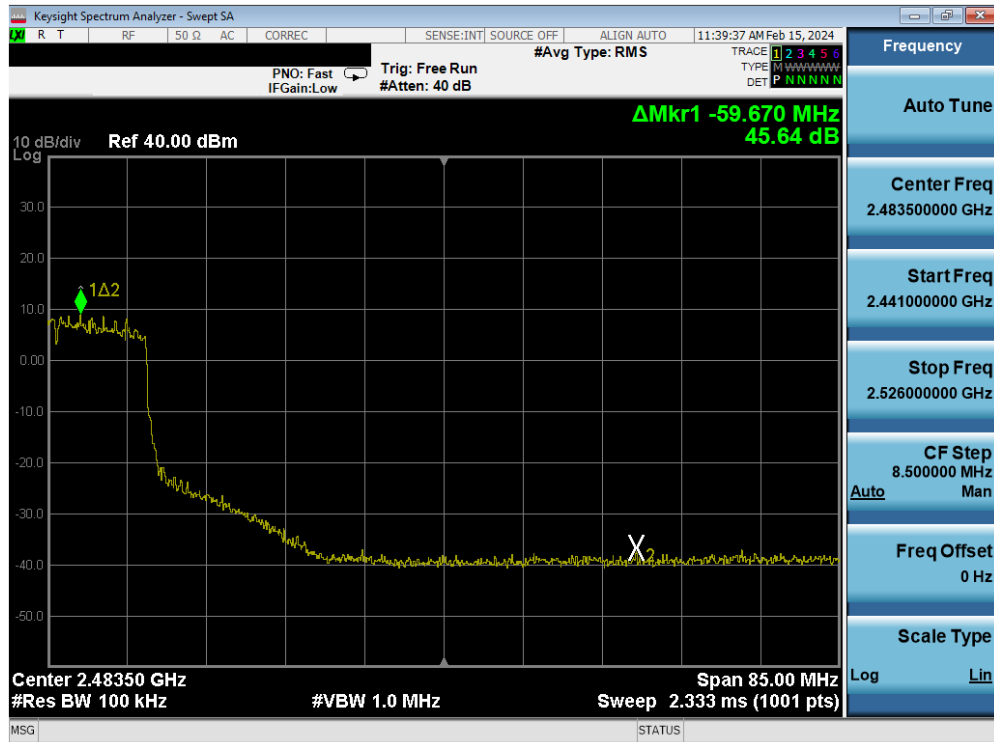


Plot 7-227. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS4

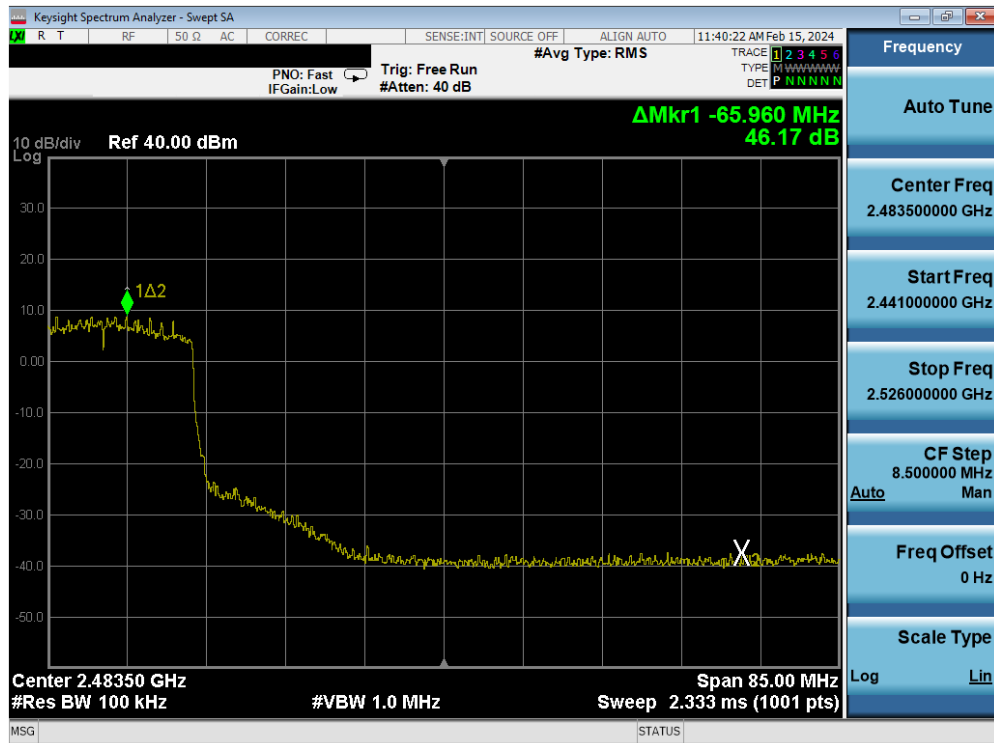


Plot 7-228. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 157 of 372

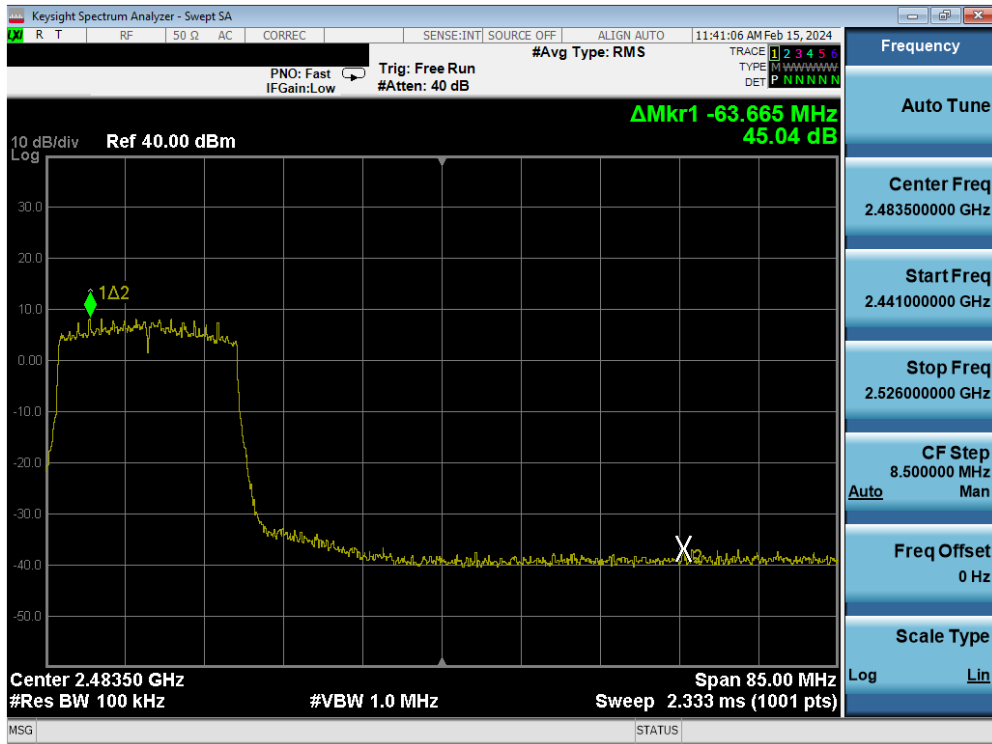


Plot 7-229. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS4

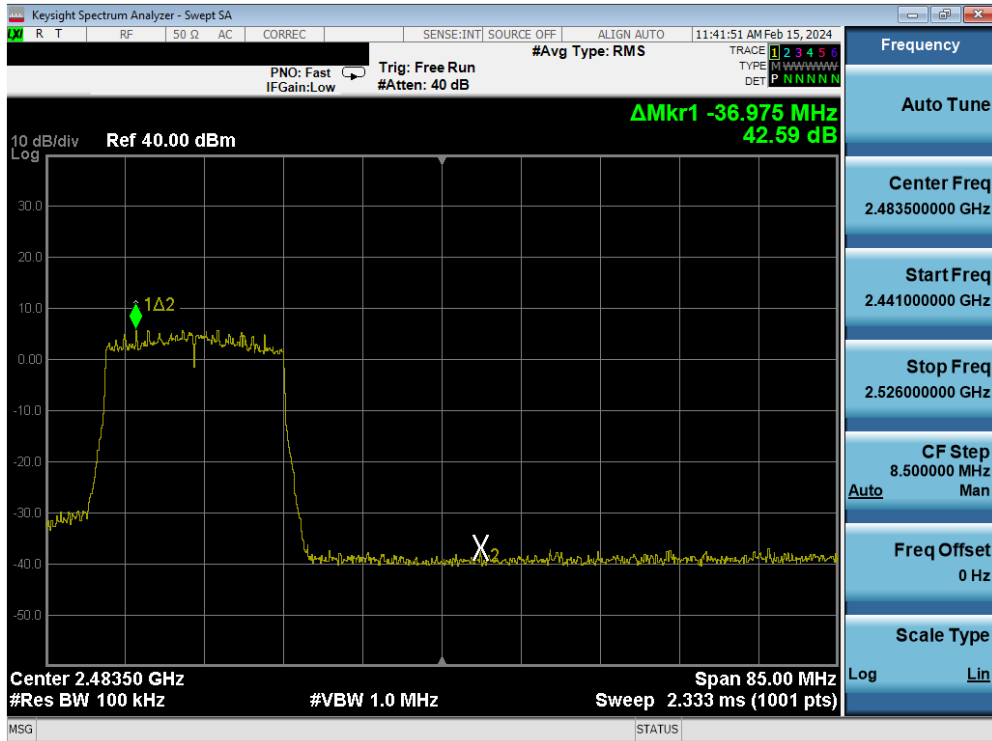


Plot 7-230. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 158 of 372

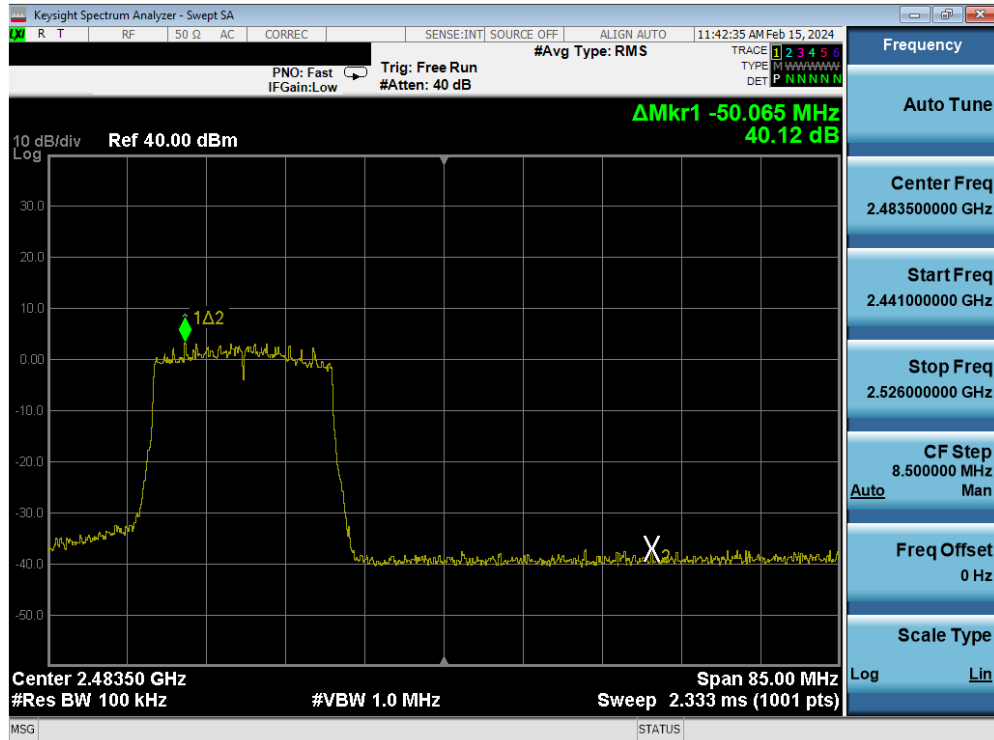


Plot 7-231. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS4

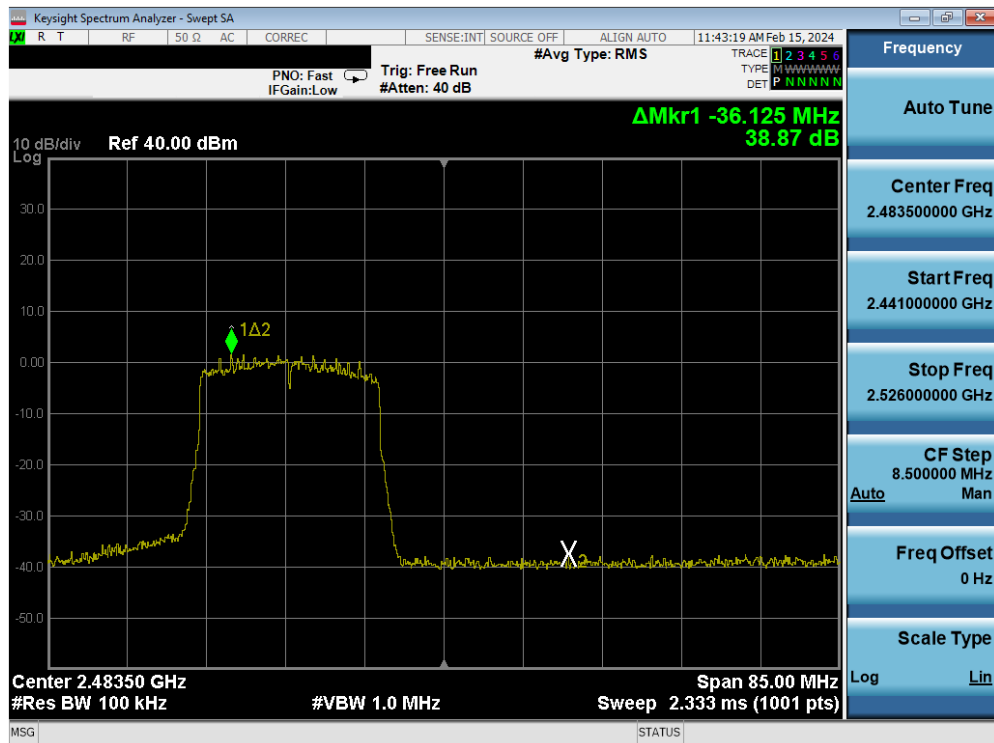


Plot 7-232. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 159 of 372



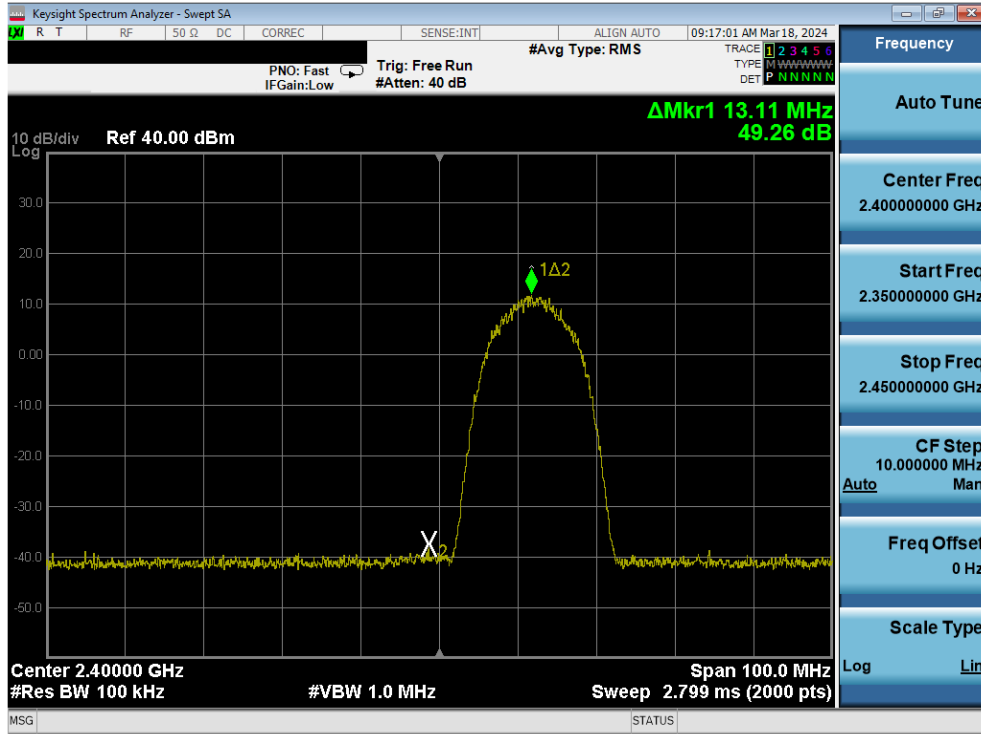
Plot 7-233. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4



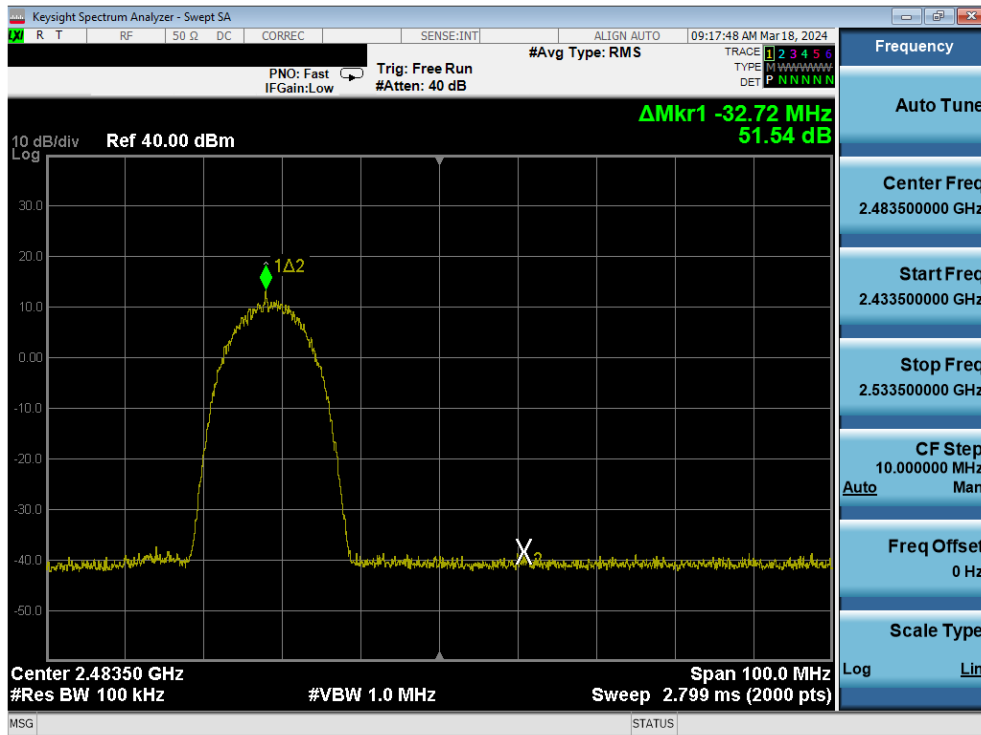
Plot 7-234. Band Edge Plot Antenna 4a (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS4

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 160 of 372

High Rate

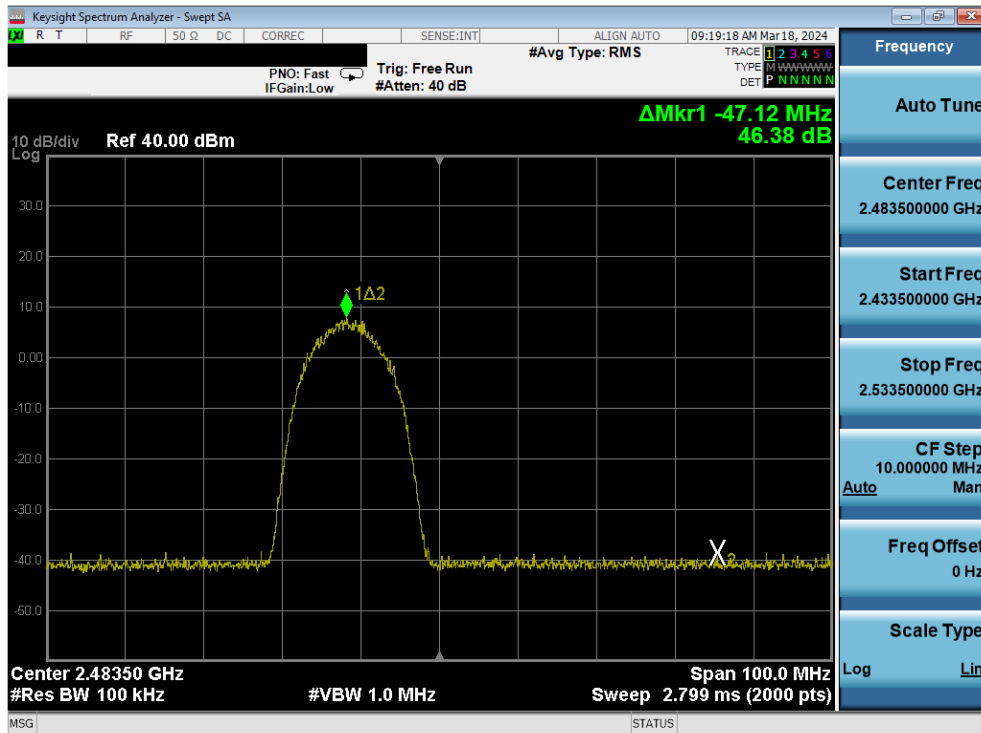
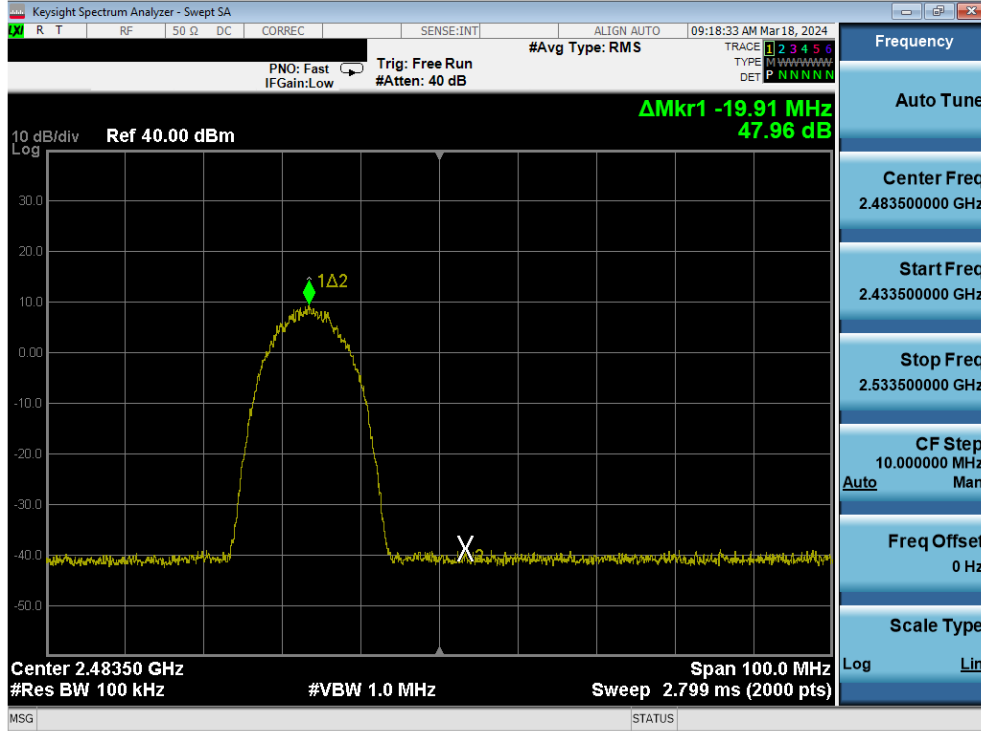


Plot 7-235. Band Edge Plot Antenna 4a (802.11b – Ch. 1) – 11Mbps

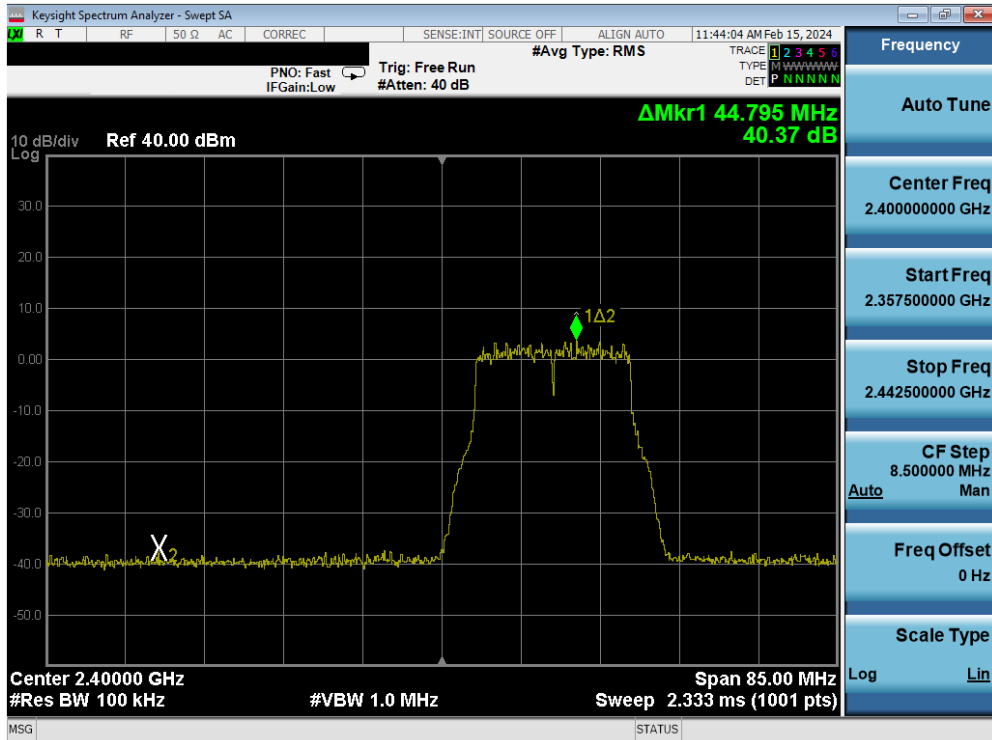


Plot 7-236. Band Edge Plot Antenna 4a (802.11b – Ch. 11) – 11Mbps

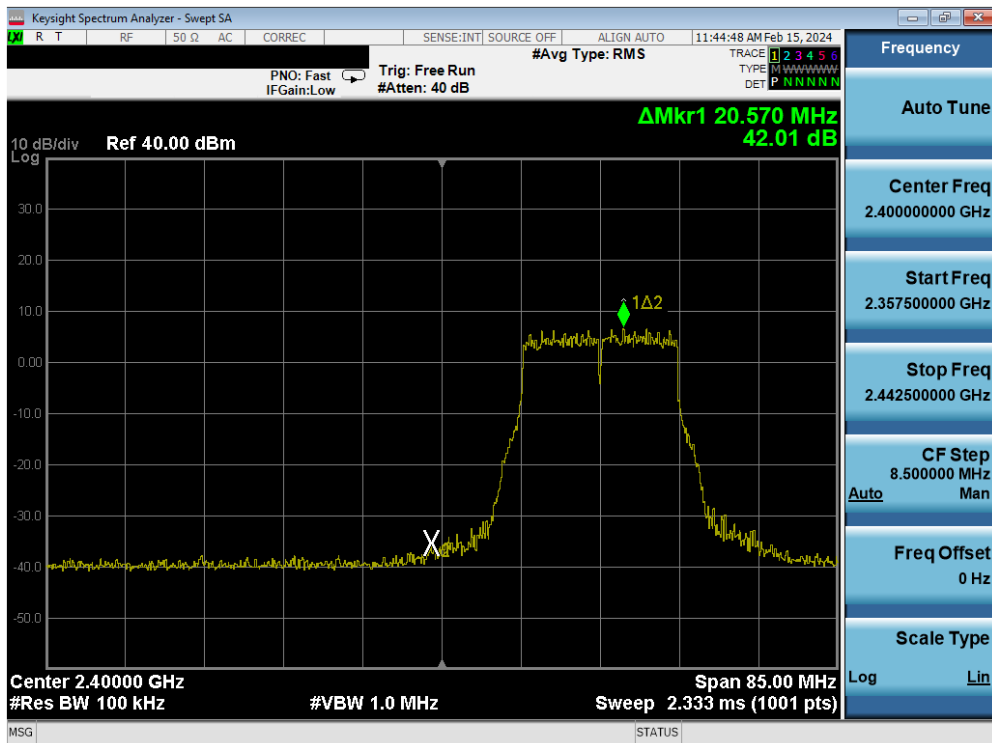
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 161 of 372



FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 162 of 372

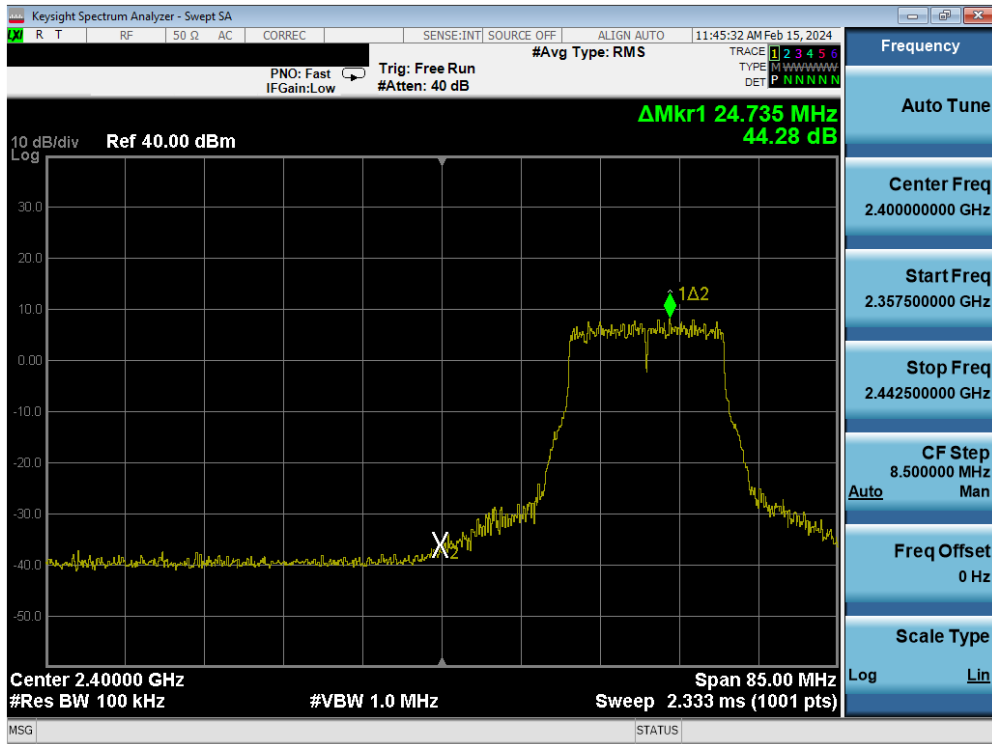


Plot 7-239. Band Edge Plot Antenna 4a (802.11g - Ch. 1) - 54Mbps

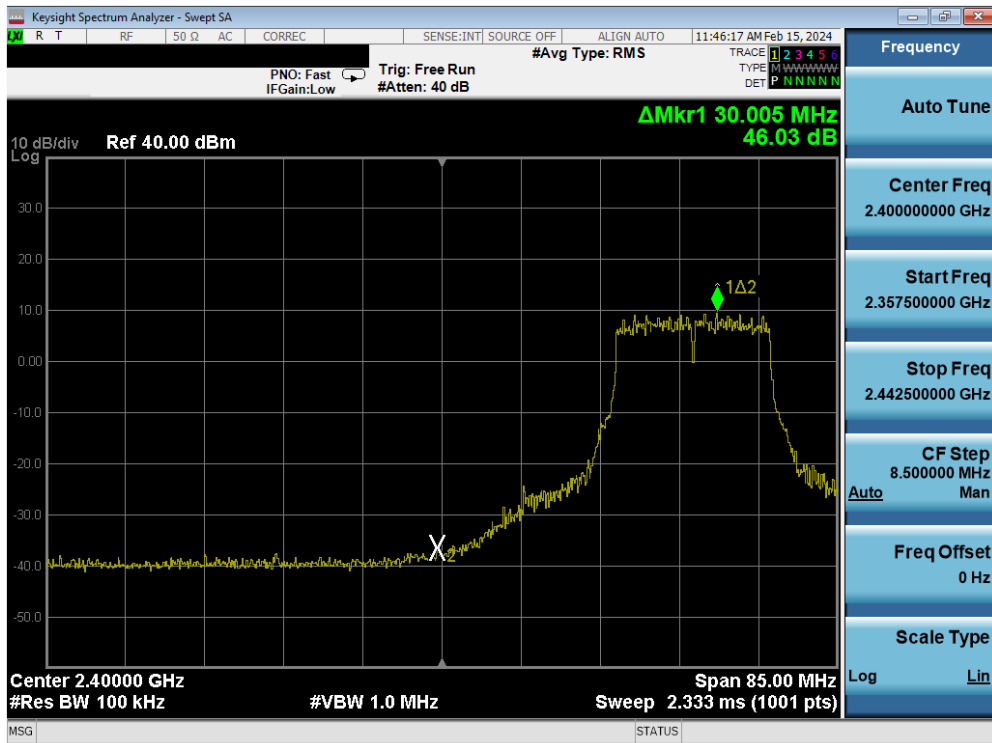


Plot 7-240. Band Edge Plot Antenna 4a (802.11g - Ch. 2) - 54Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 163 of 372

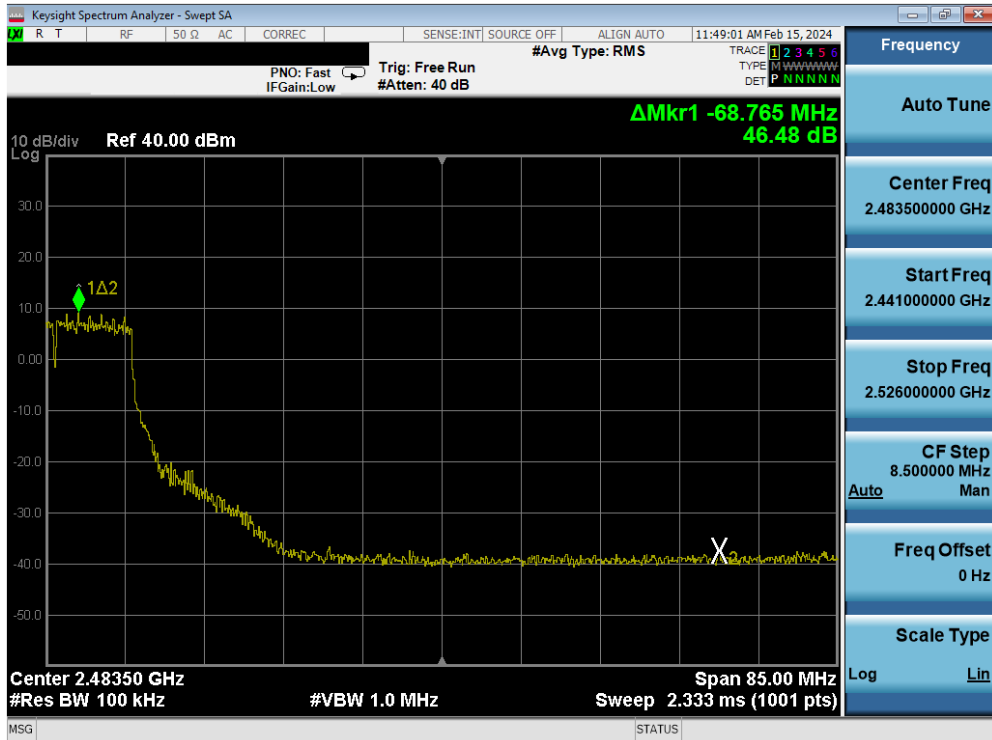


Plot 7-241. Band Edge Plot Antenna 4a (802.11g – Ch. 3) – 54Mbps

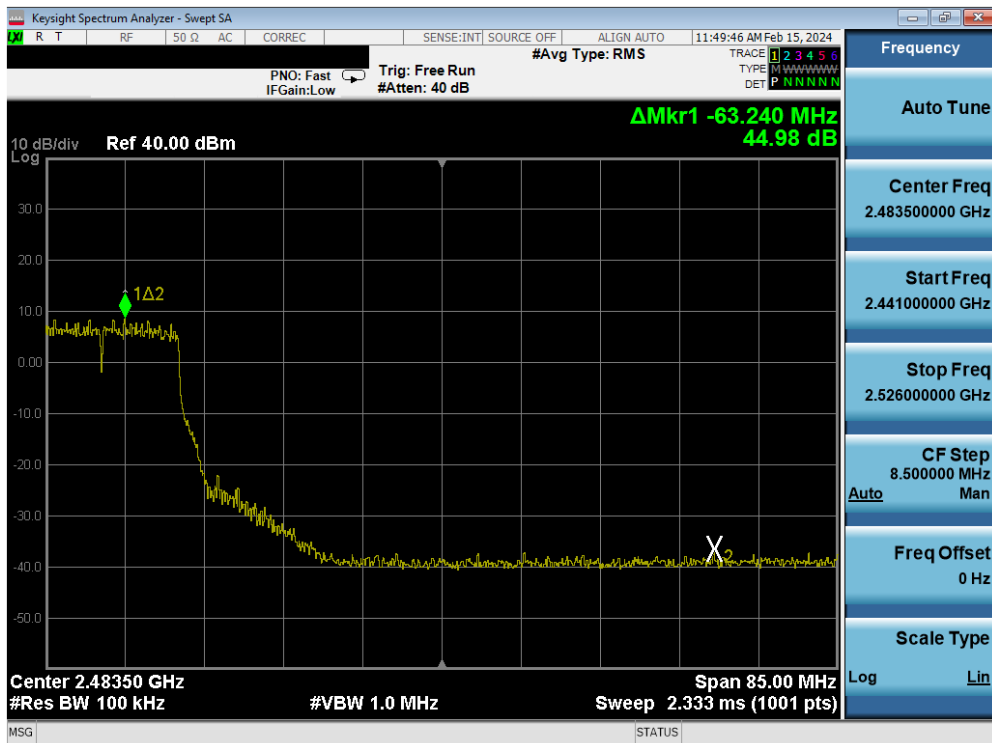


Plot 7-242. Band Edge Plot Antenna 4a (802.11g – Ch. 4) – 54Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 164 of 372

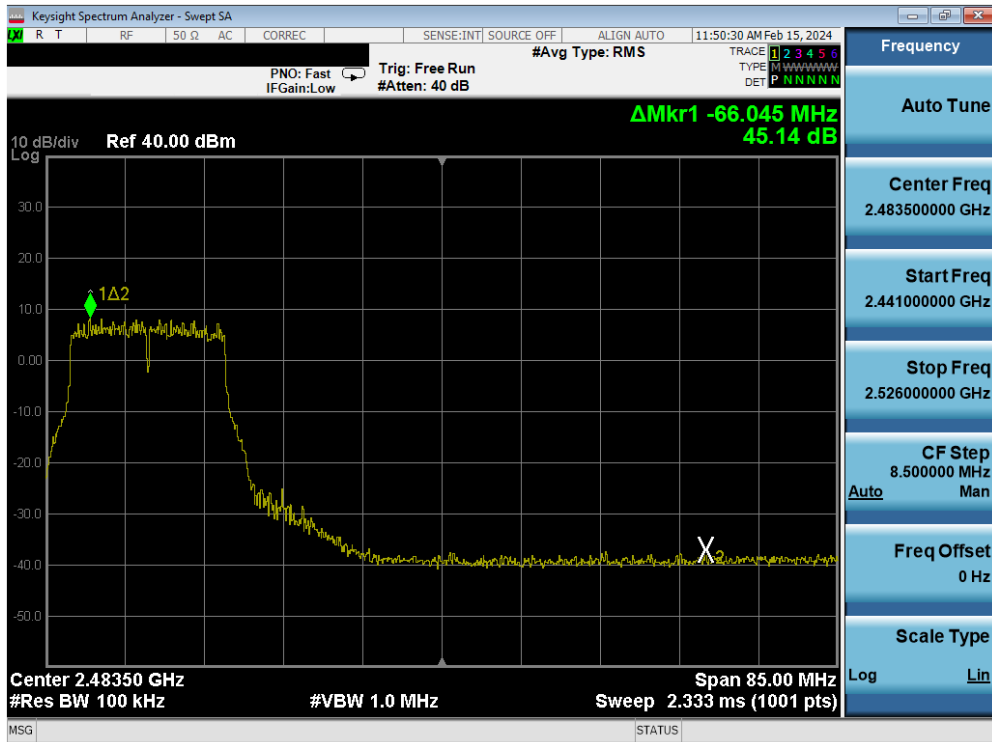


Plot 7-243. Band Edge Plot Antenna 4a (802.11g – Ch. 7) – 54Mbps

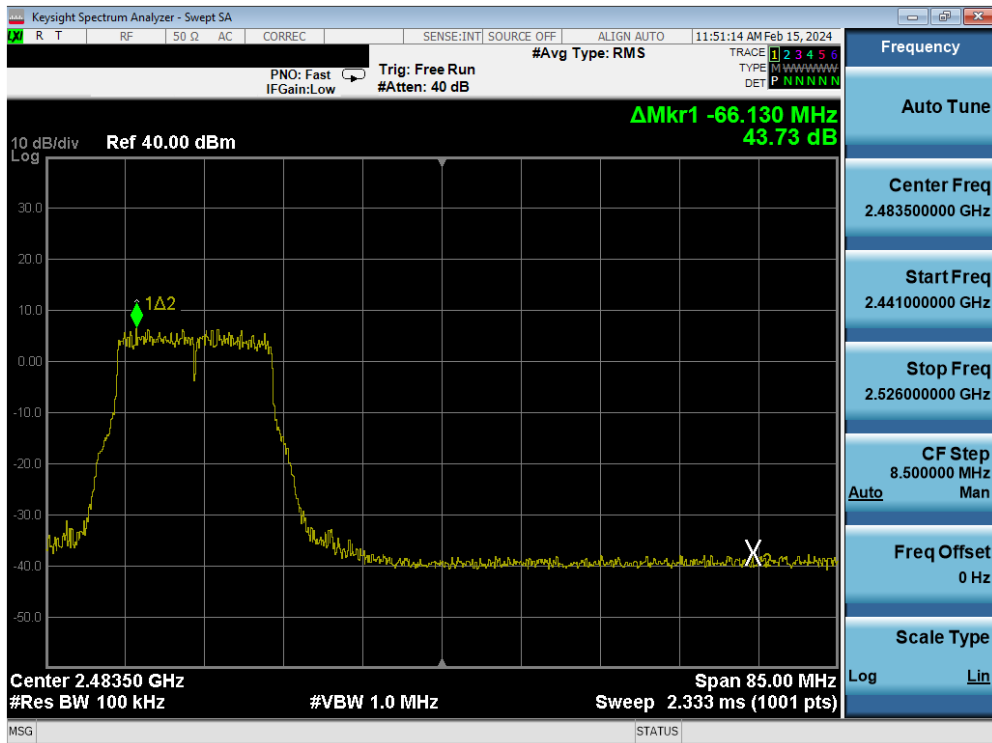


Plot 7-244. Band Edge Plot Antenna 4a (802.11g – Ch. 8) – 54Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 165 of 372

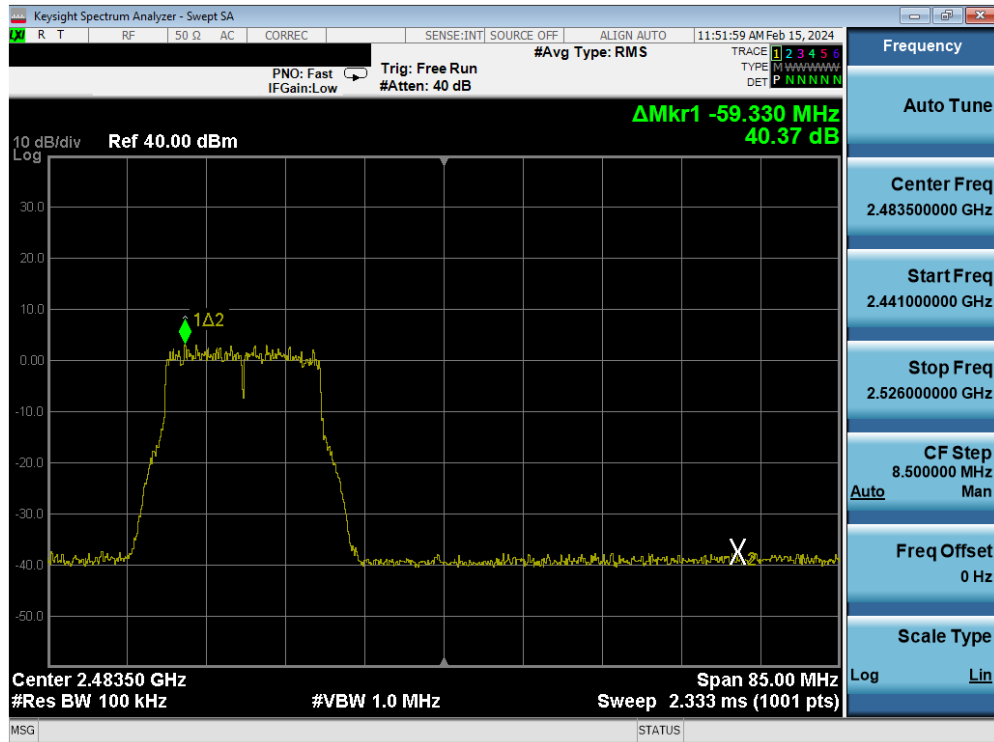


Plot 7-245. Band Edge Plot Antenna 4a (802.11g – Ch. 9) – 54Mbps

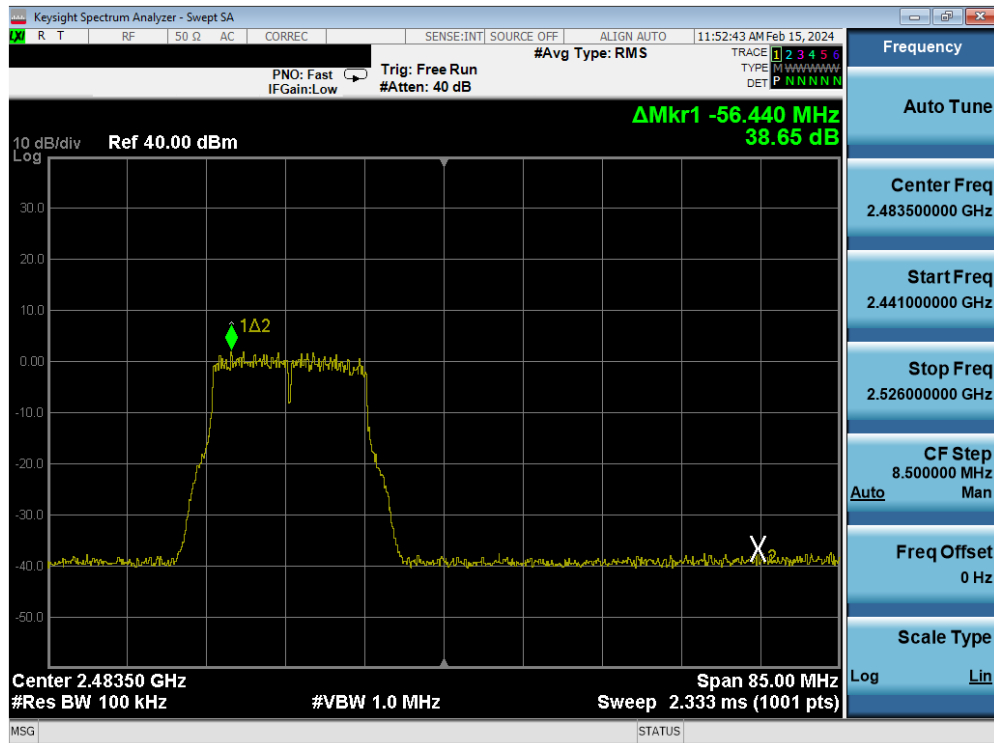


Plot 7-246. Band Edge Plot Antenna 4a (802.11g – Ch. 10) – 54Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 166 of 372

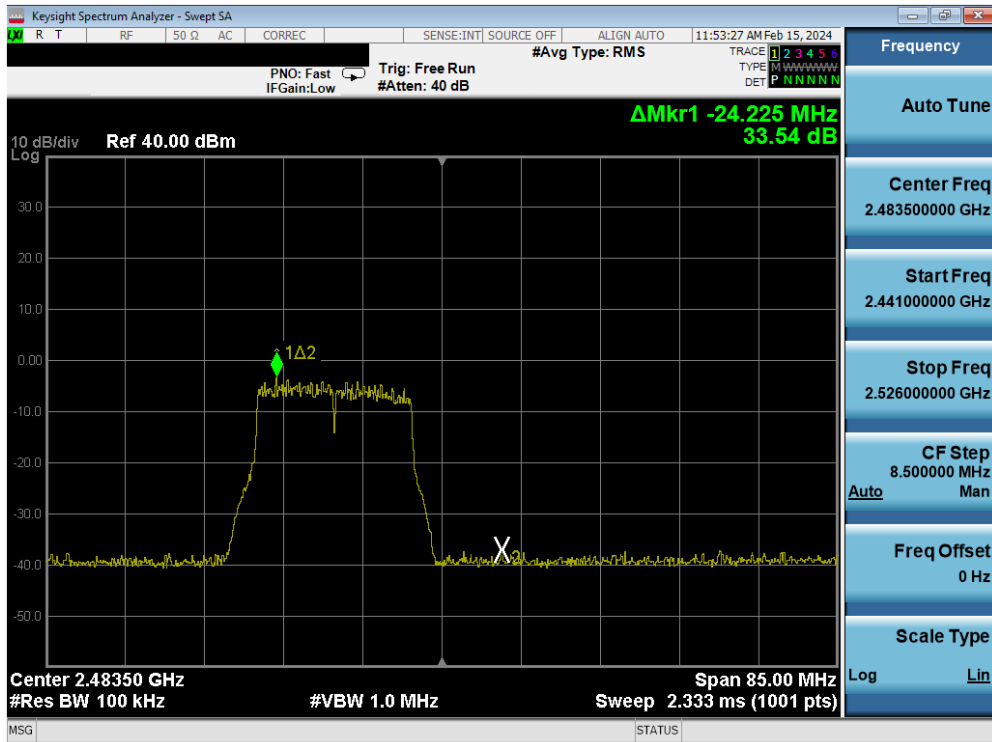


Plot 7-247. Band Edge Plot Antenna 4a (802.11g – Ch. 11) – 54Mbps

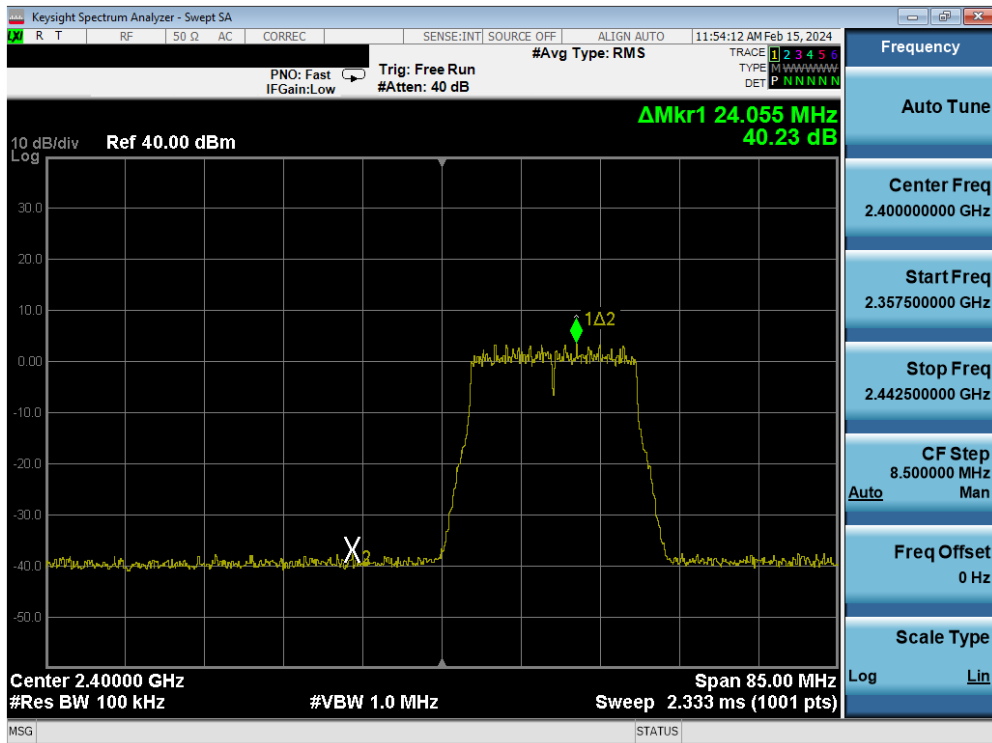


Plot 7-248. Band Edge Plot Antenna 4a (802.11g – Ch. 12) – 54Mbps

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 167 of 372

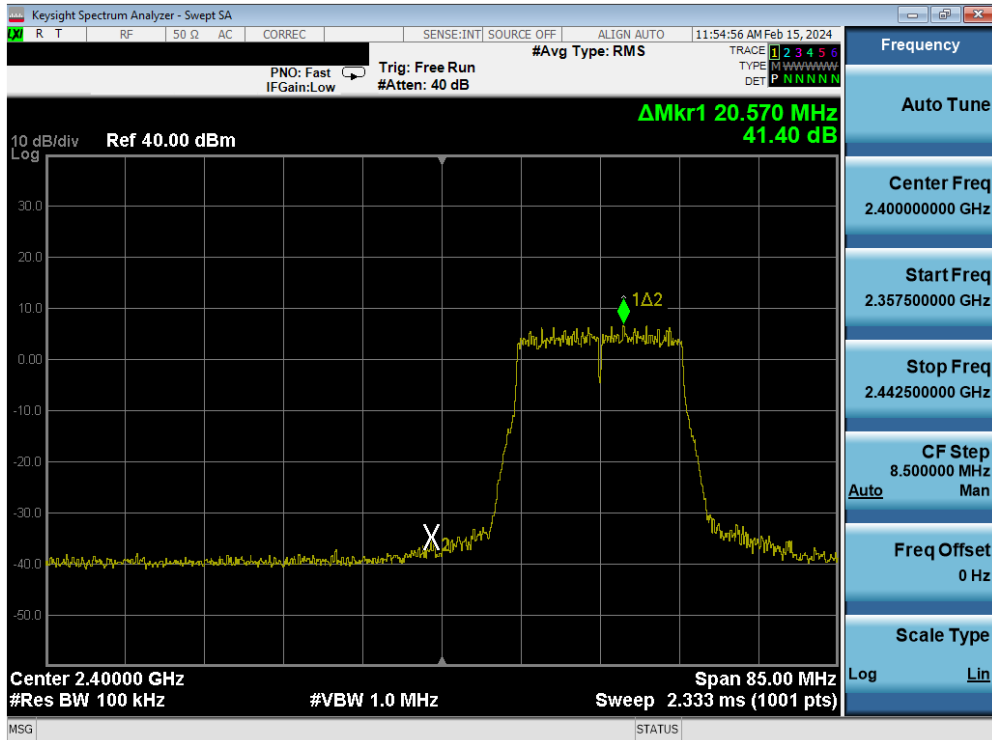


Plot 7-249. Band Edge Plot Antenna 4a (802.11g – Ch. 13) – 54Mbps

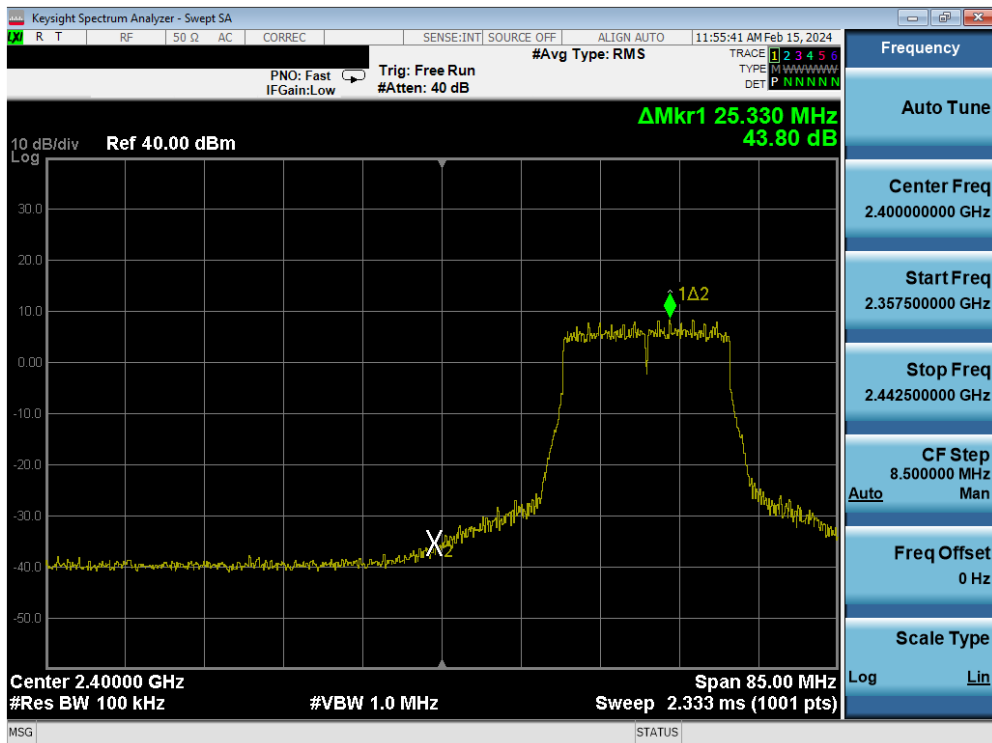


Plot 7-250. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 1) – MCS7

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 168 of 372

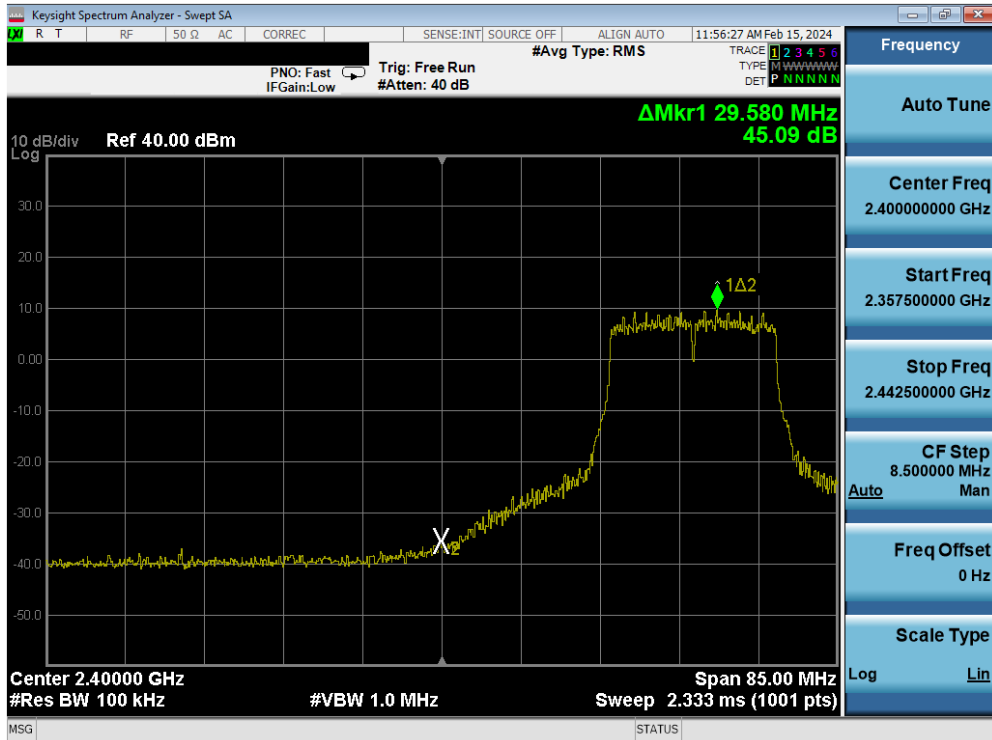


Plot 7-251. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 2) – MCS7

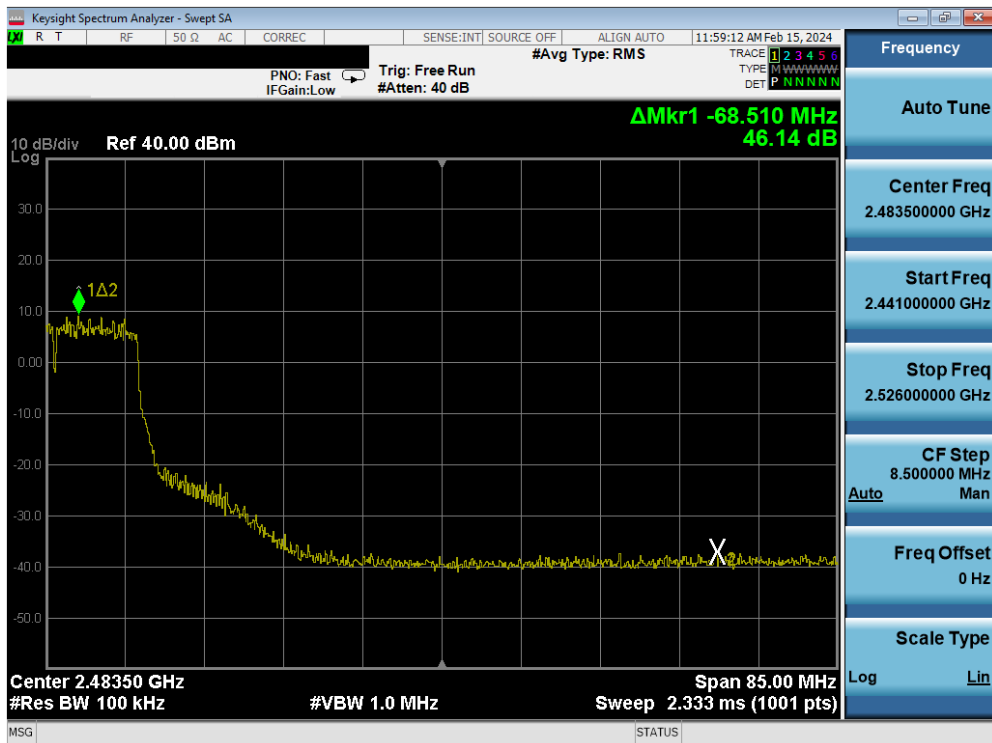


Plot 7-252. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 3) – MCS7

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 169 of 372

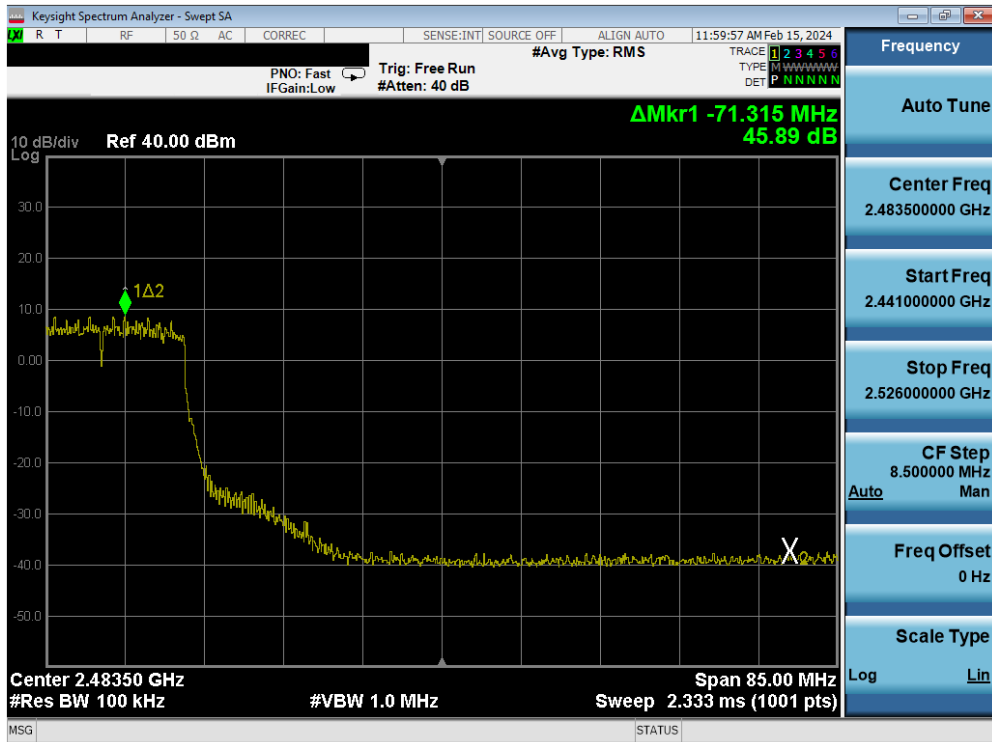


Plot 7-253. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 4) – MCS7

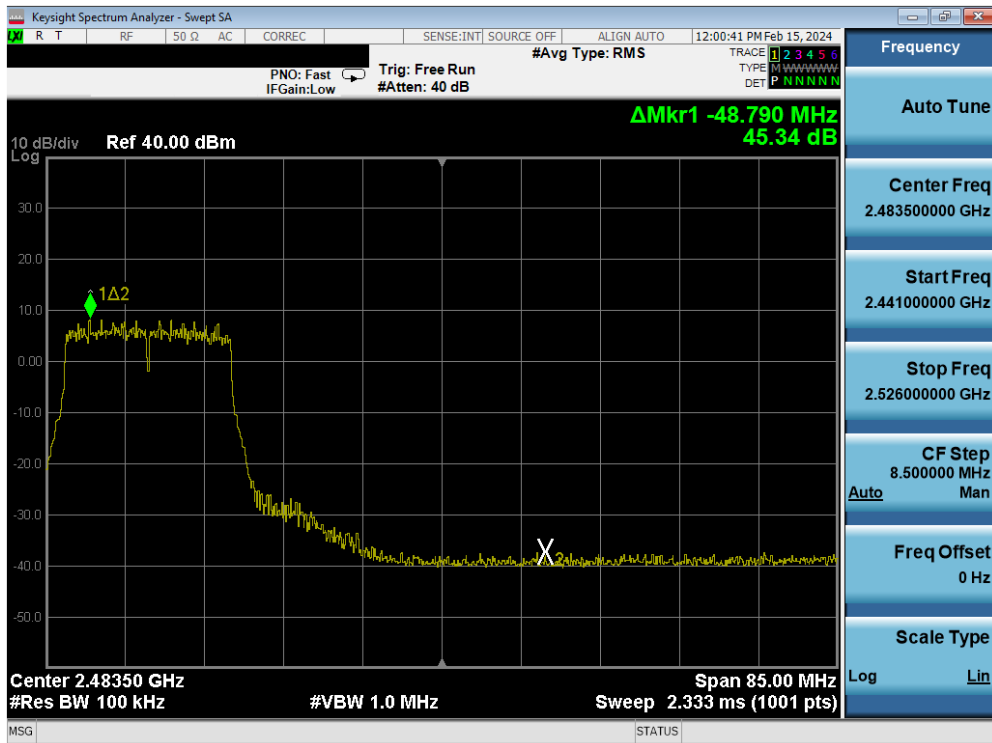


Plot 7-254. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 7) – MCS7

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 170 of 372

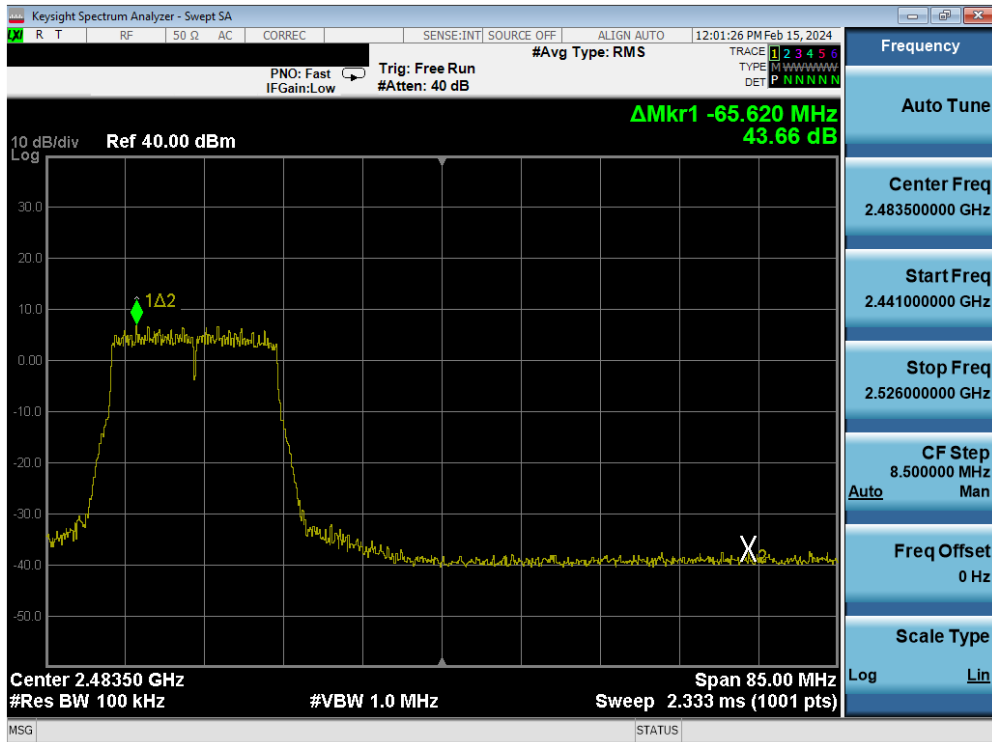


Plot 7-255. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 8) – MCS7

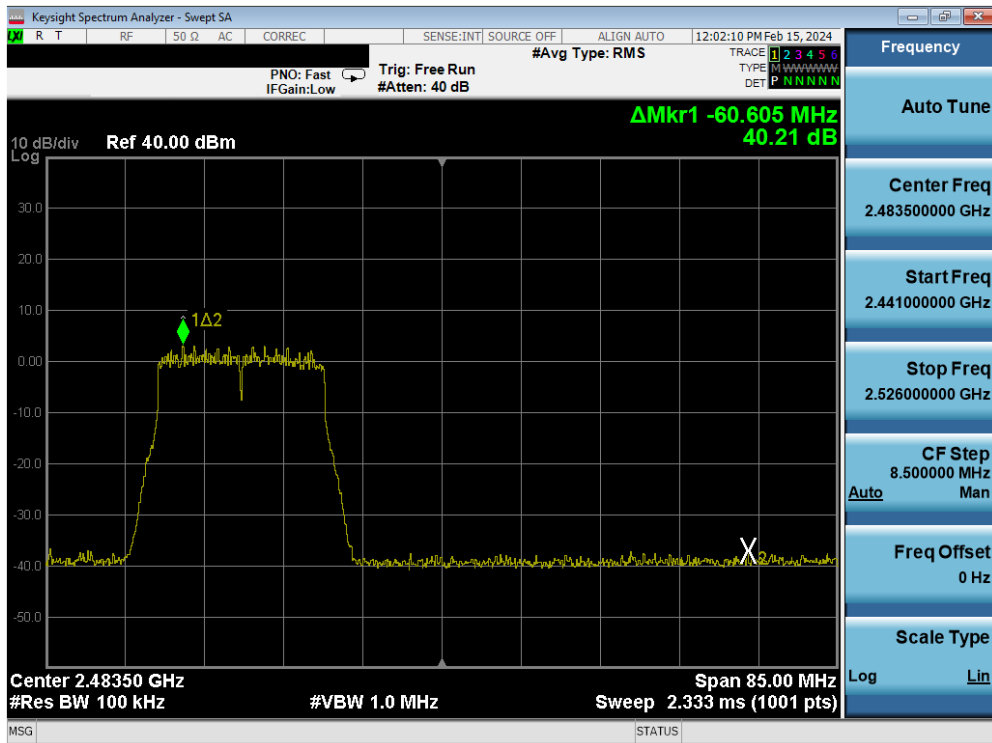


Plot 7-256. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 9) – MCS7

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-257. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 10) – MCS7



Plot 7-258. Band Edge Plot Antenna 4a (802.11n (2.4GHz) – Ch. 11) – MCS7

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-14.BCG	Test Dates: 1/8/2024 - 3/15/2024	EUT Type: Tablet Device	Page 172 of 372