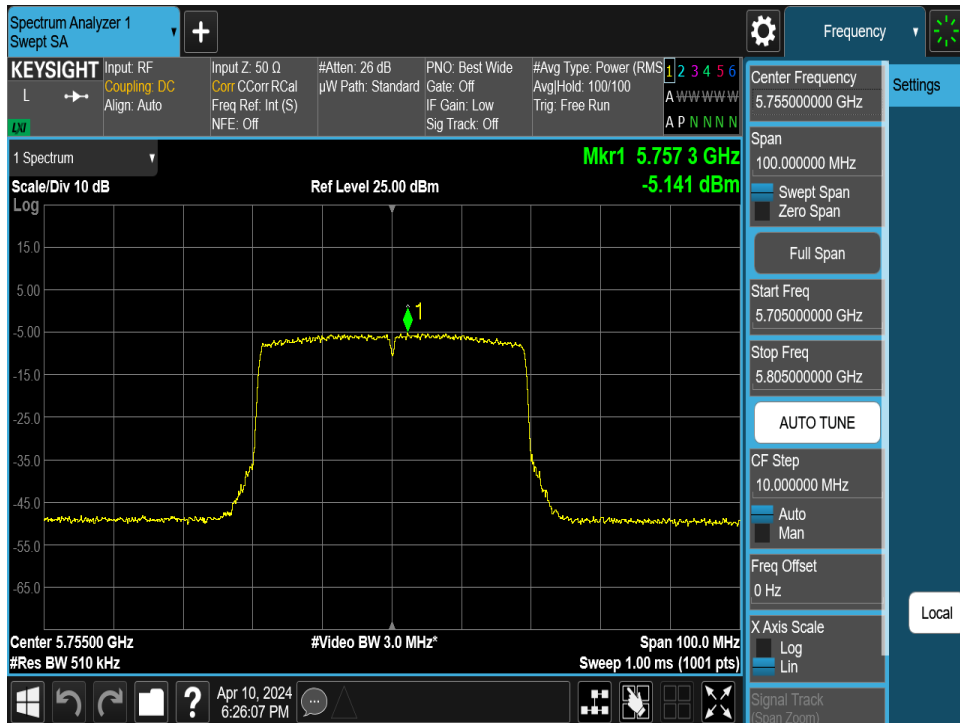
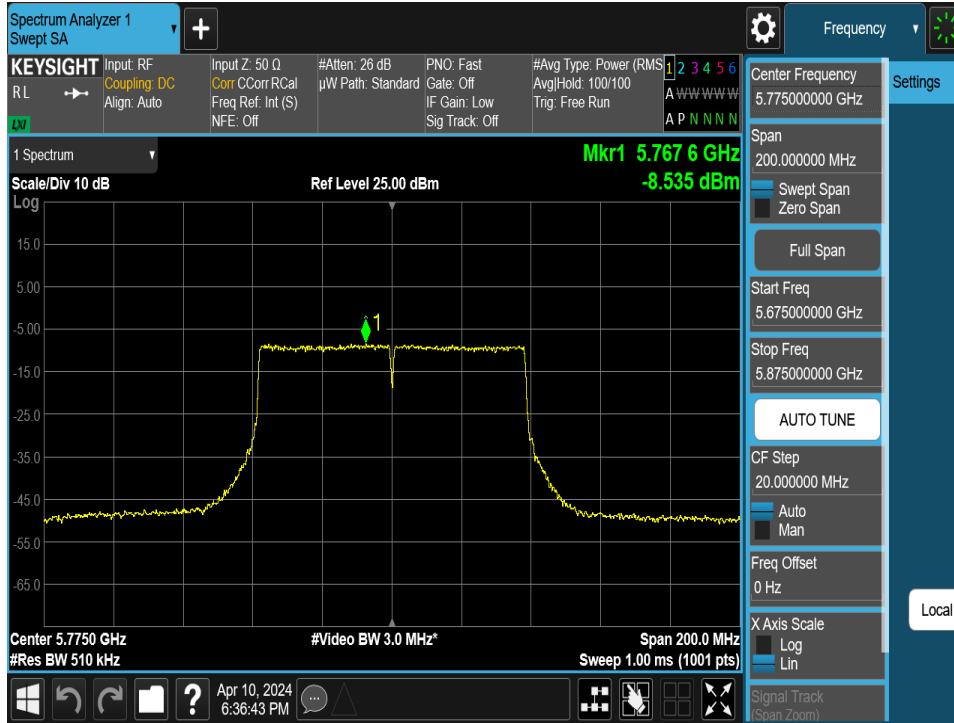


Plot 7-111. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 3) – Ch. 151)

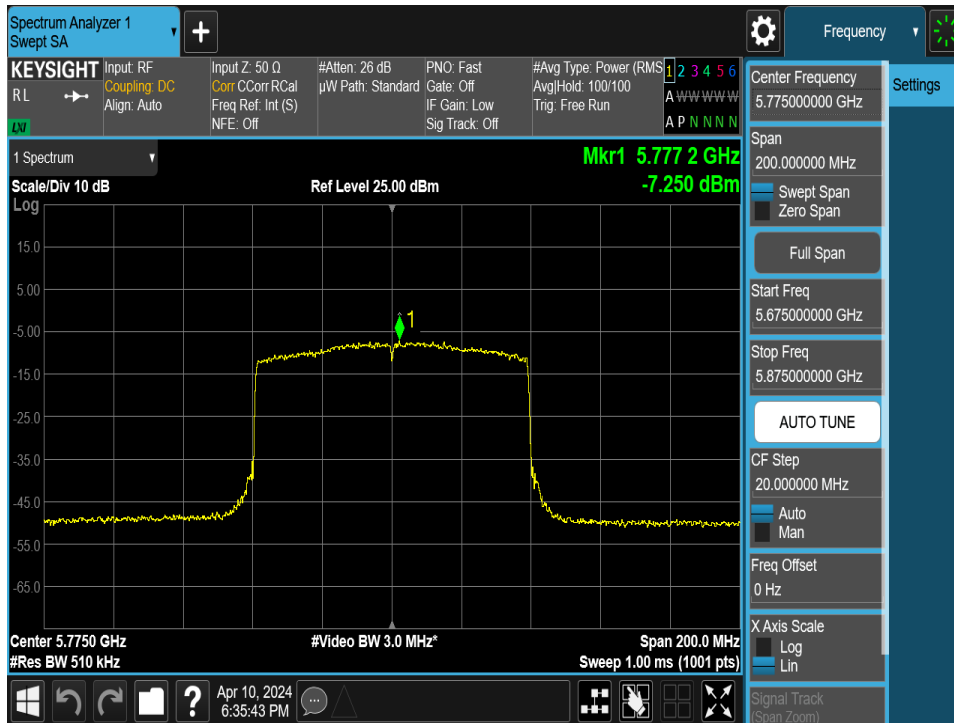


Plot 7-112. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (UNII Band 3) – Ch. 151)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 86 of 156

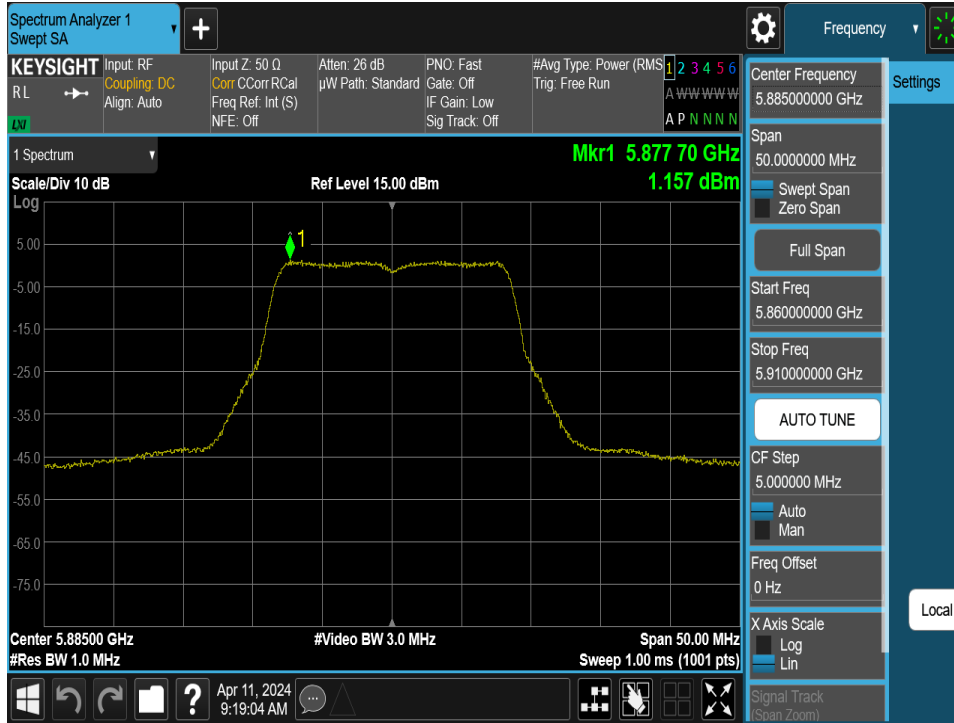


Plot 7-113. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 3) – Ch. 155)

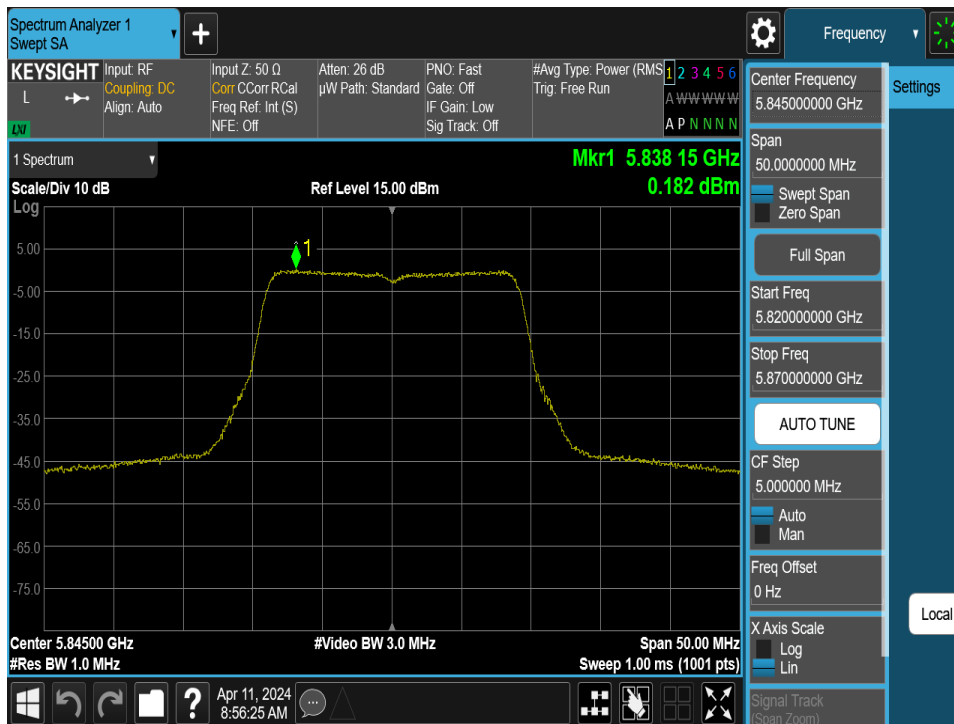


Plot 7-114. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (UNII Band 3) – Ch. 155)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 87 of 156

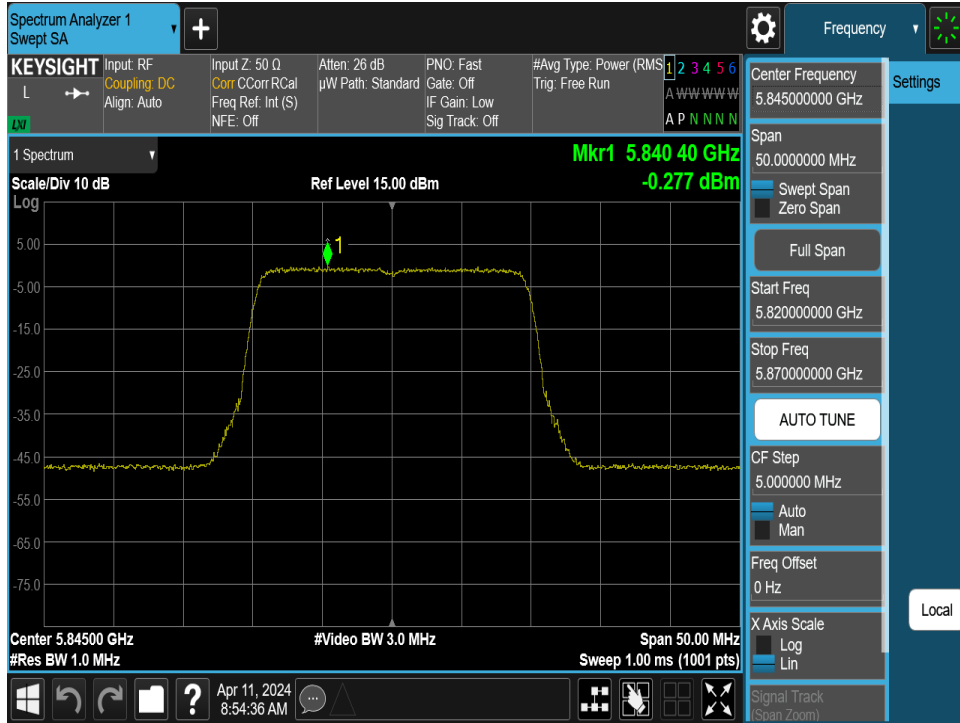


Plot 7-115. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 4) – Ch. 177)

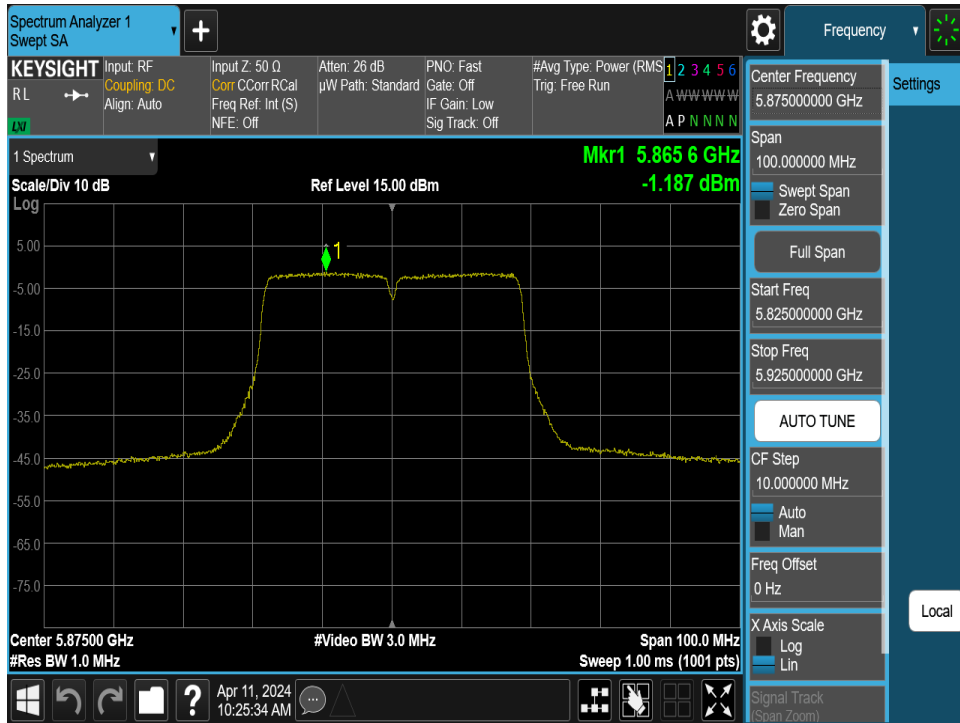


Plot 7-116. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 3/4) – Ch. 169)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 88 of 156

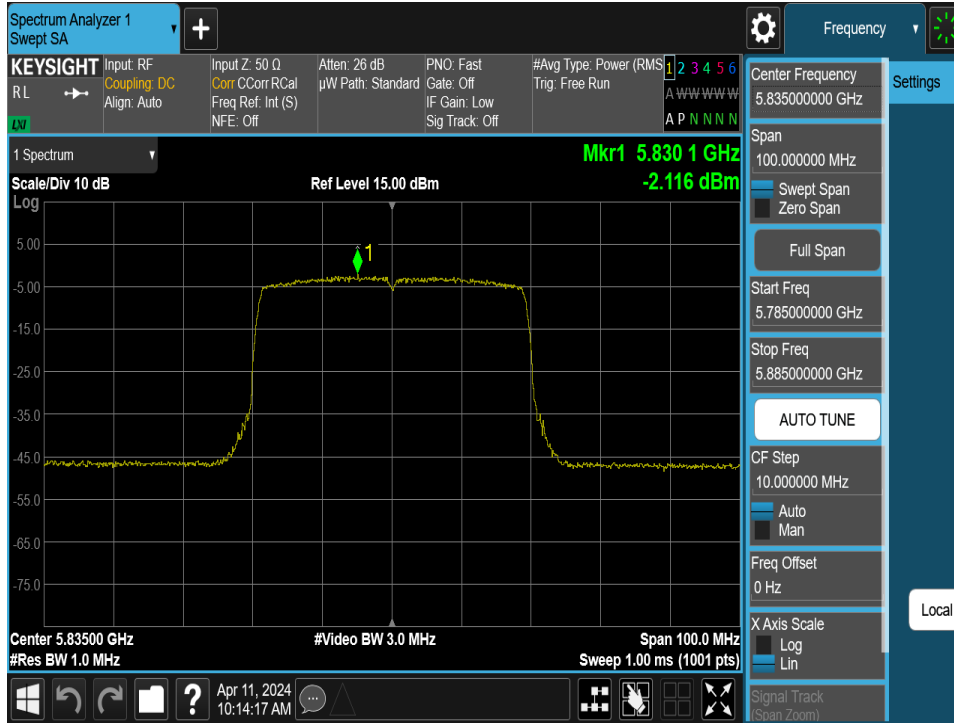


Plot 7-117. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax/be (UNII Band 3/4) – Ch. 169)

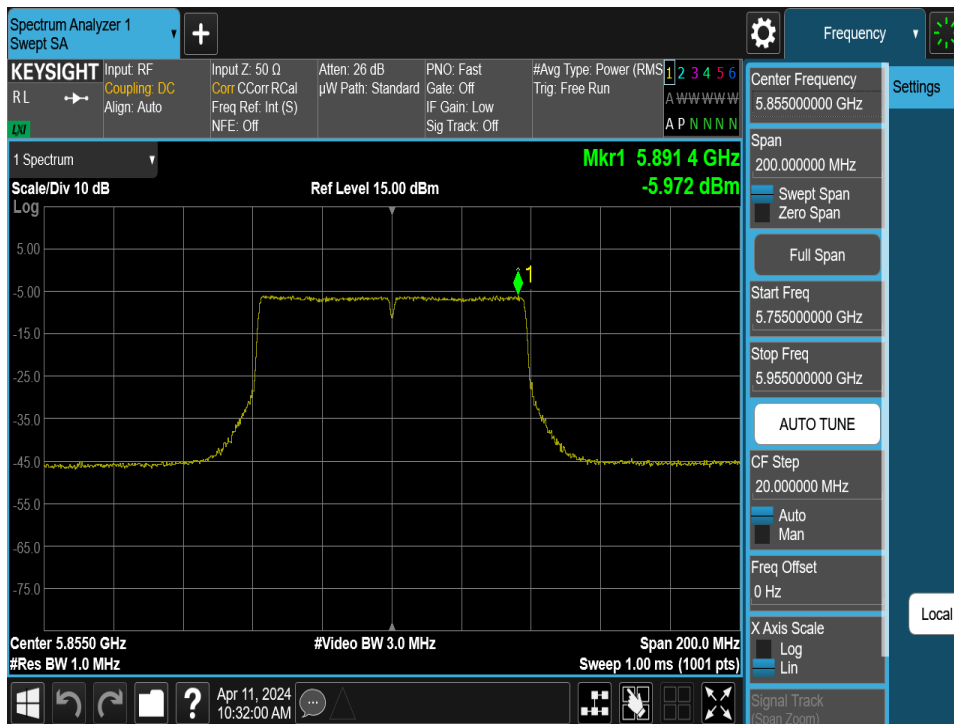


Plot 7-118. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 4) – Ch. 175)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 89 of 156

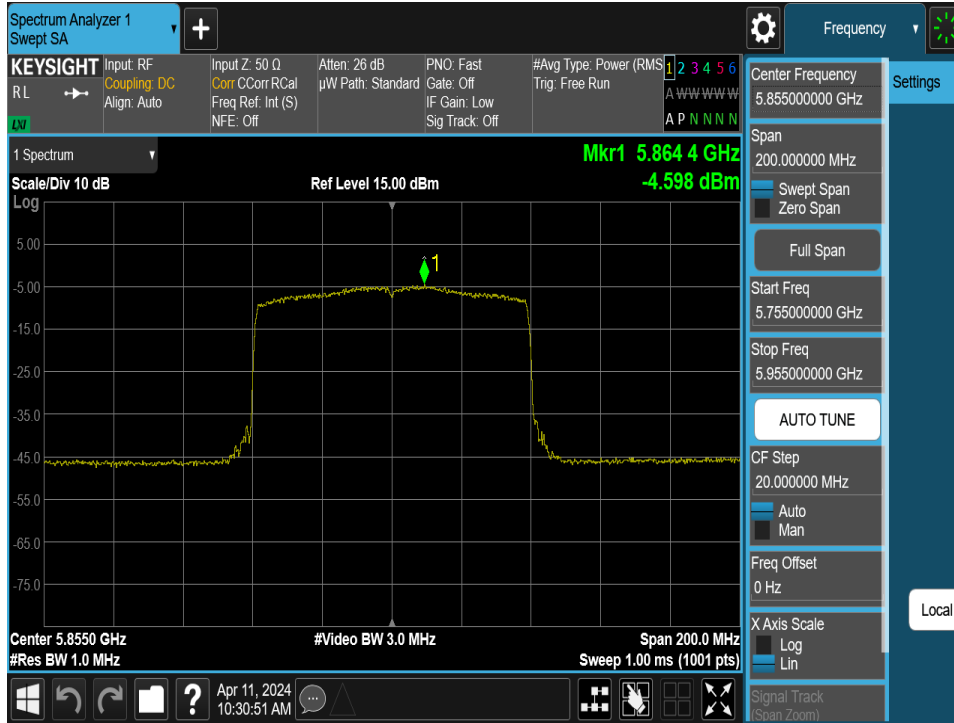


Plot 7-119. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax/be (UNII Band 3/4) – Ch. 167)

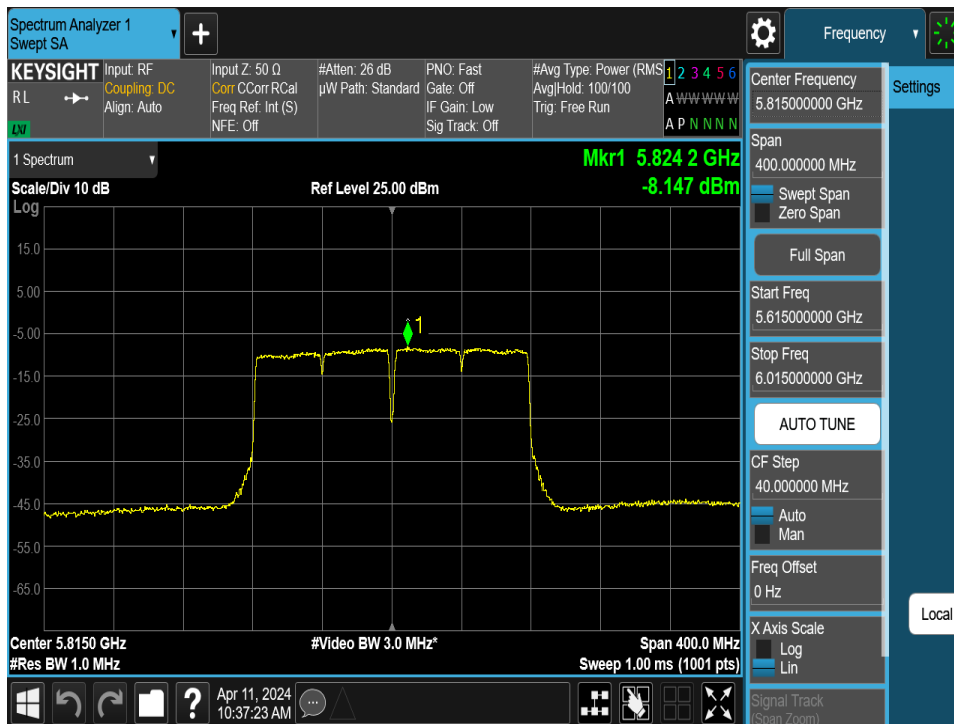


Plot 7-120. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 3/4) – Ch. 171)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 90 of 156

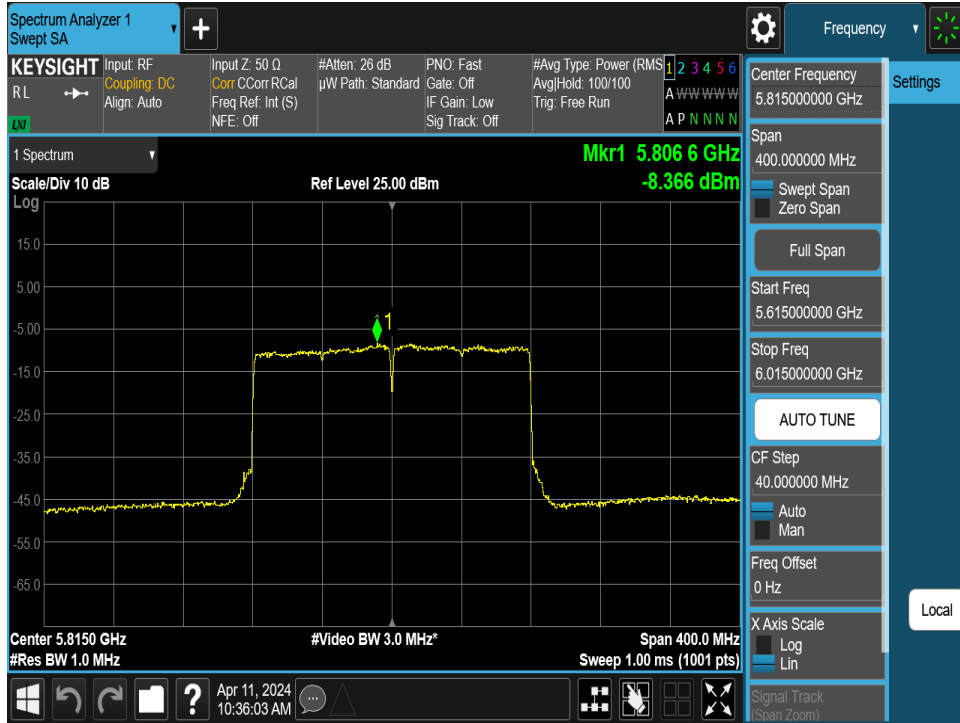


Plot 7-121. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax/be (UNII Band 3/4) – Ch. 171)



Plot 7-122. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ac (UNII Band 3/4) – Ch. 163)

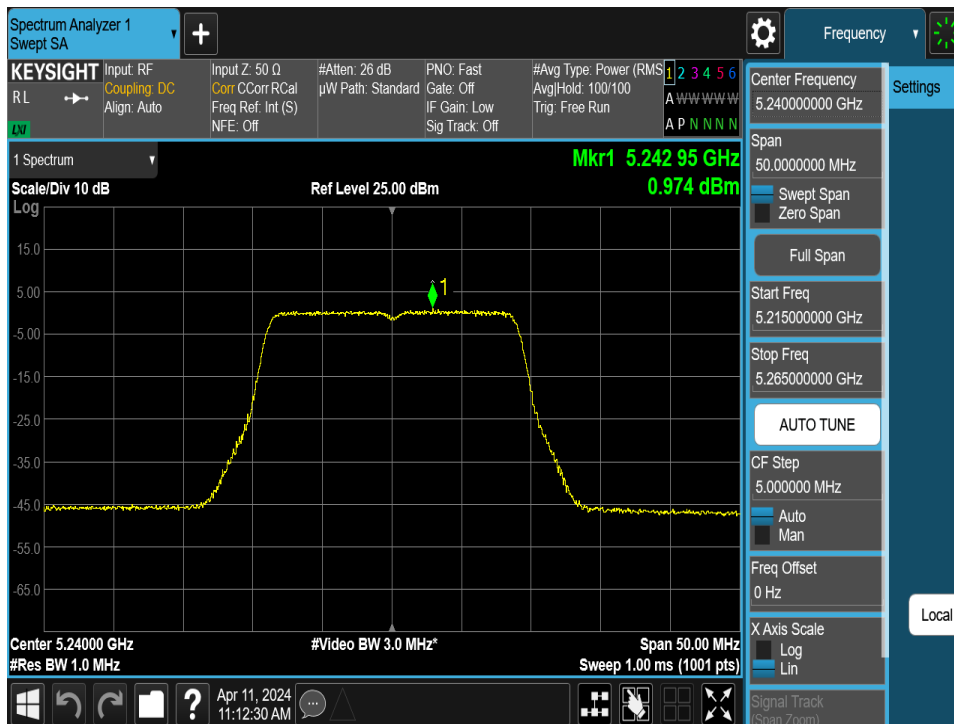
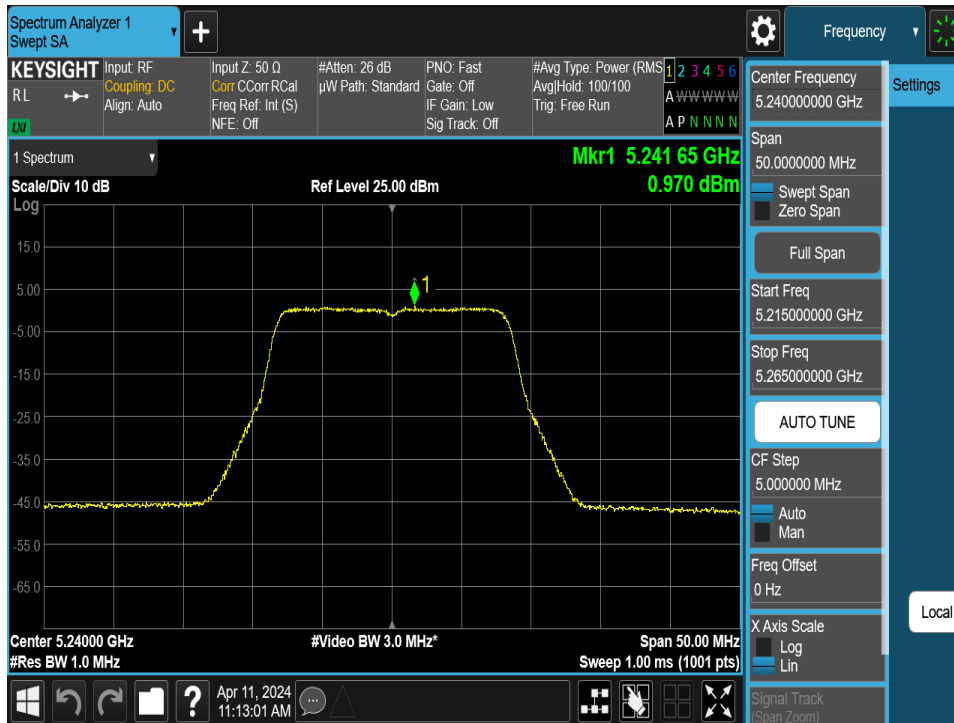
FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 91 of 156



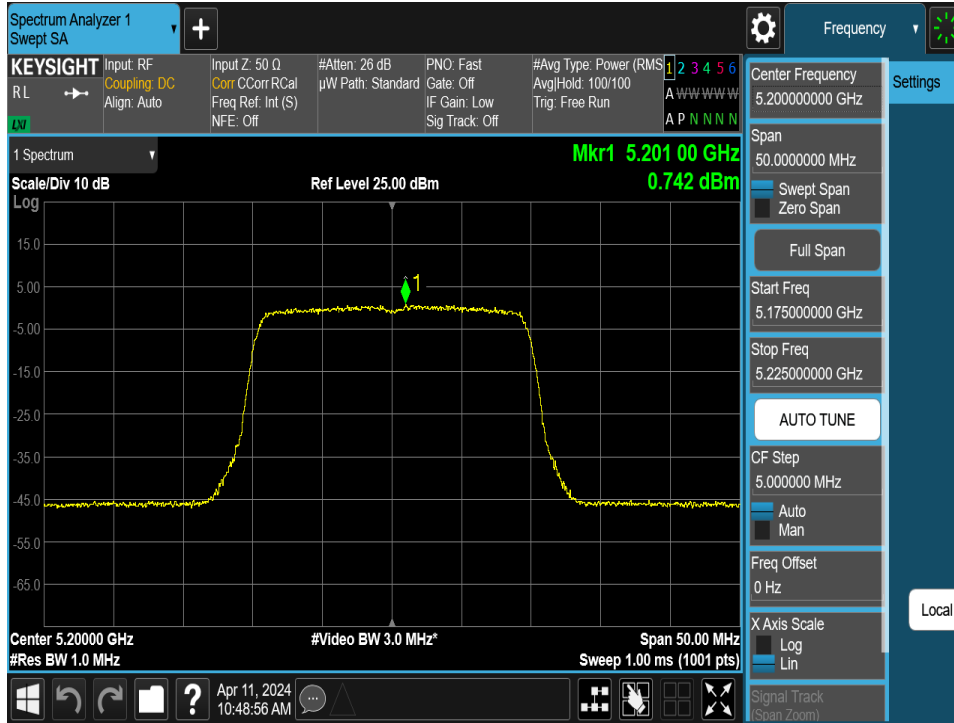
Plot 7-123. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax/be (UNII Band 3/4) – Ch. 163)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 92 of 156

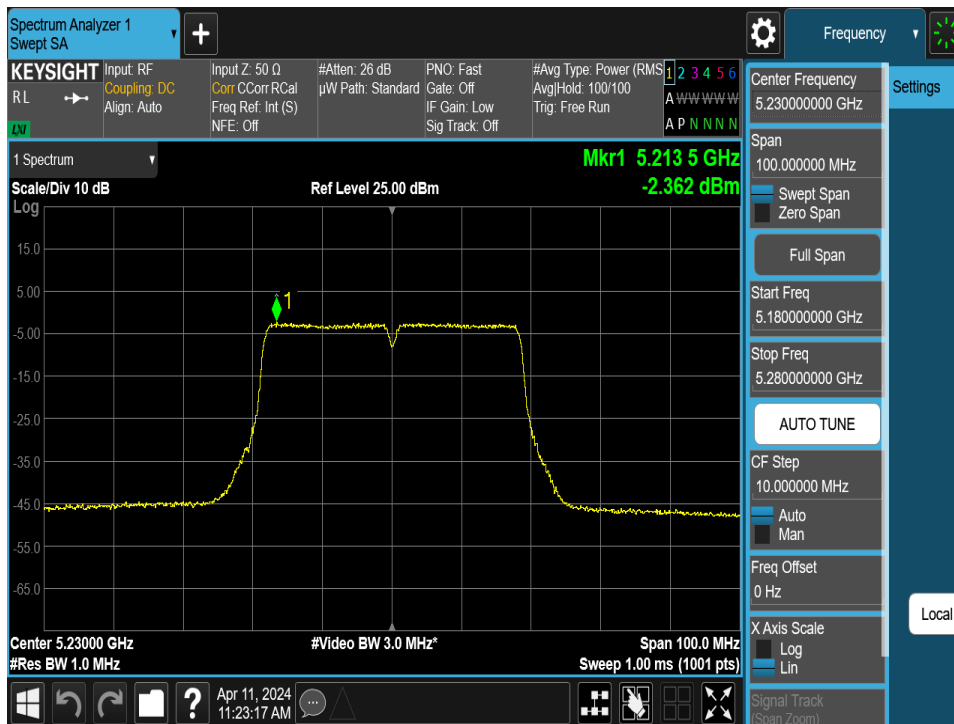
7.5.2 MIMO Antenna-2 Power Spectral Density Measurements



FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 93 of 156

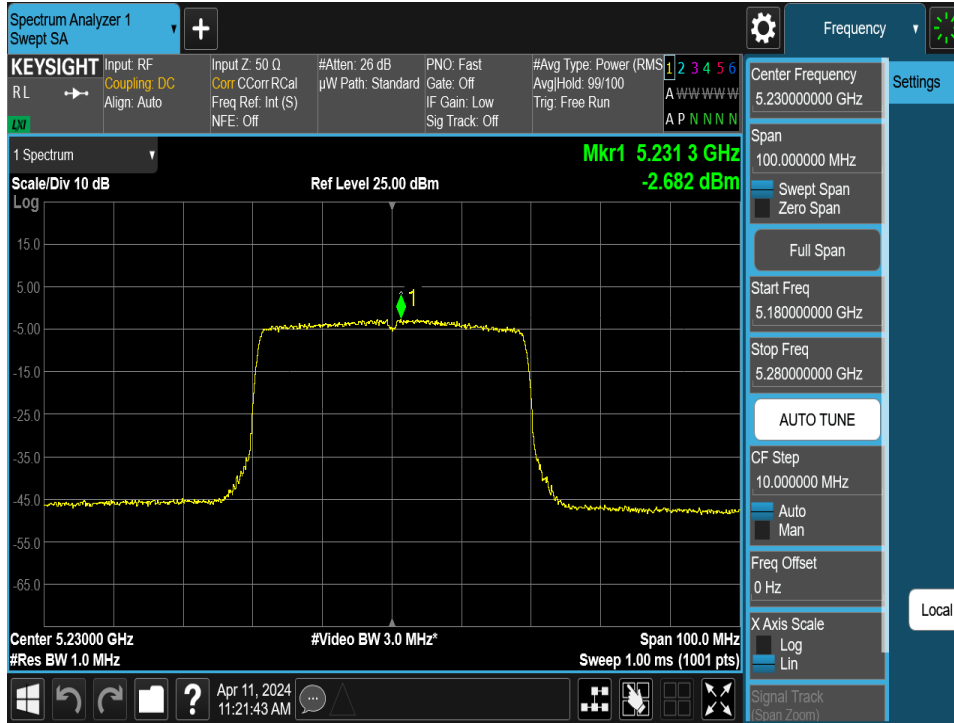


Plot 7-126. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (UNII Band 1) – Ch. 40)

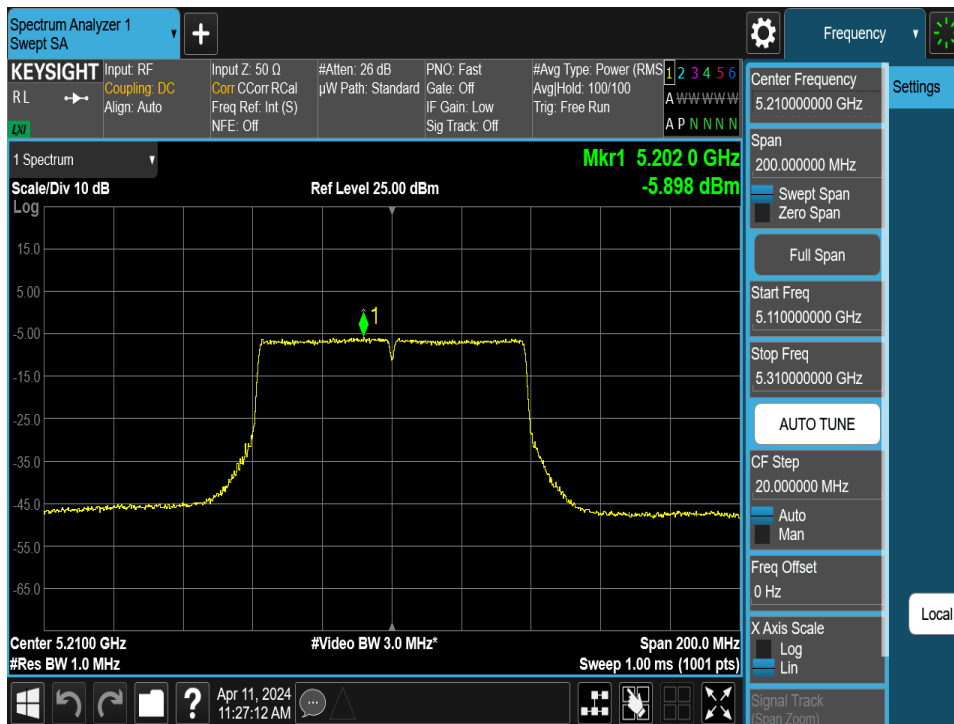


Plot 7-127. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 94 of 156

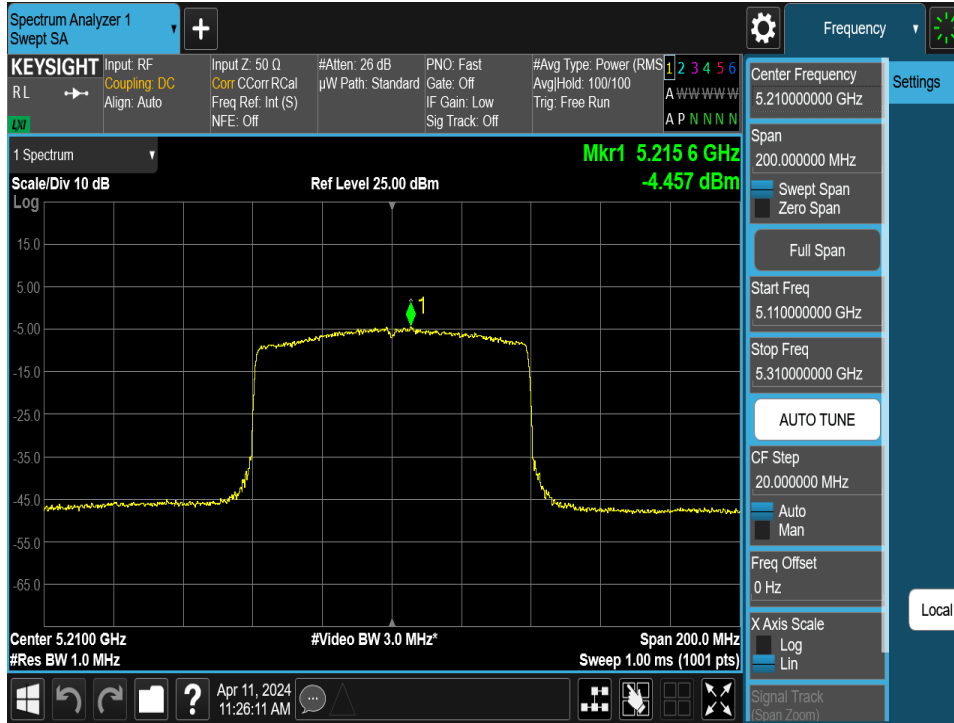


Plot 7-128. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (UNII Band 1) – Ch. 46)

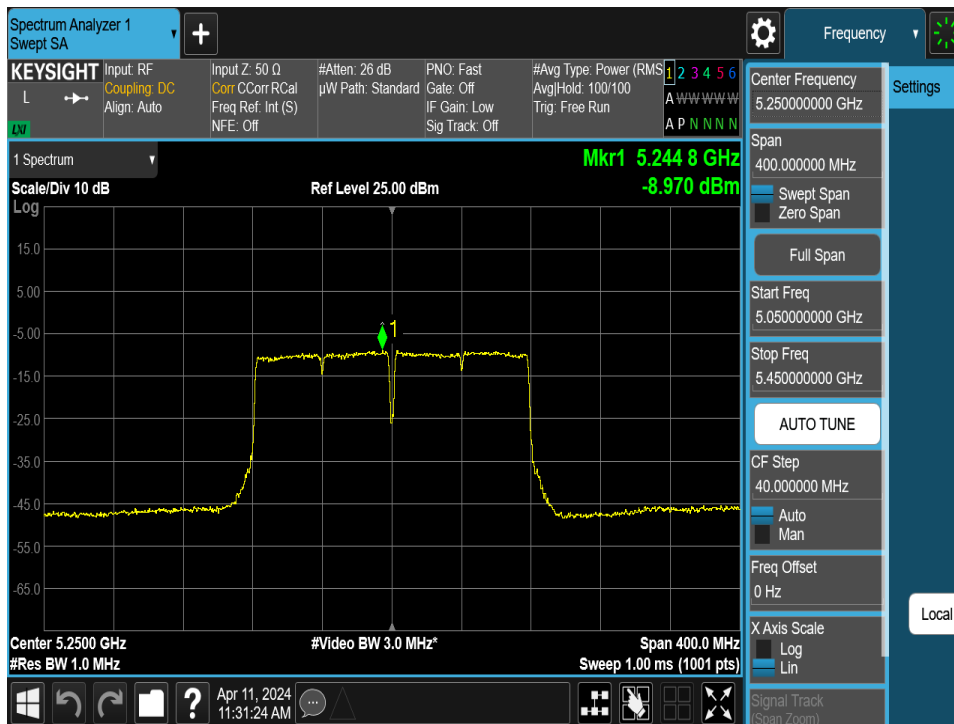


Plot 7-129. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 95 of 156

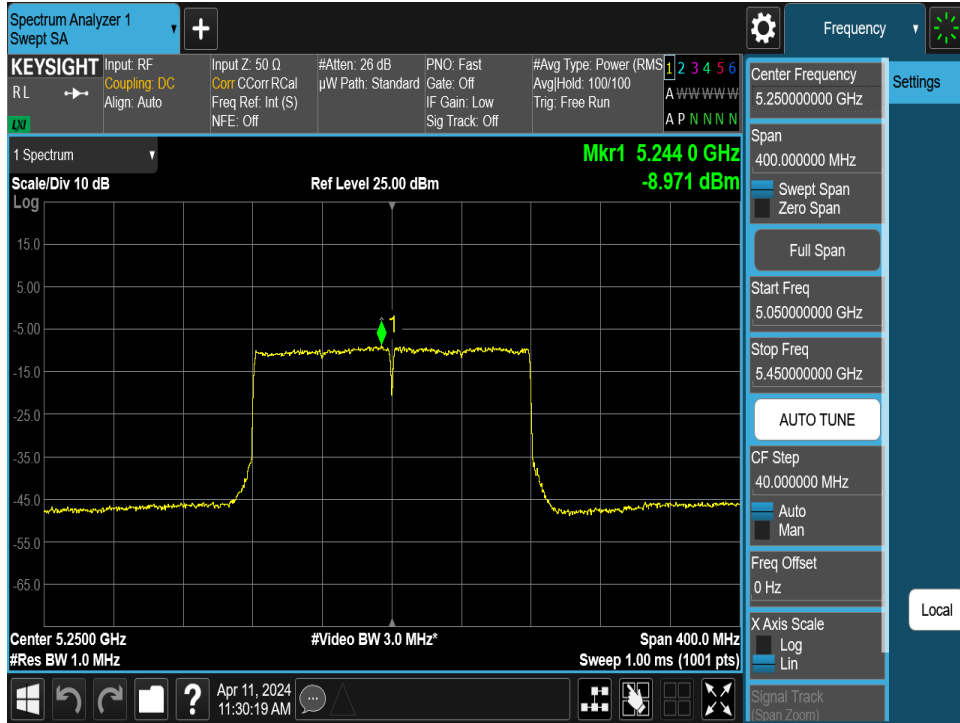


Plot 7-130. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (UNII Band 1) – Ch. 42)

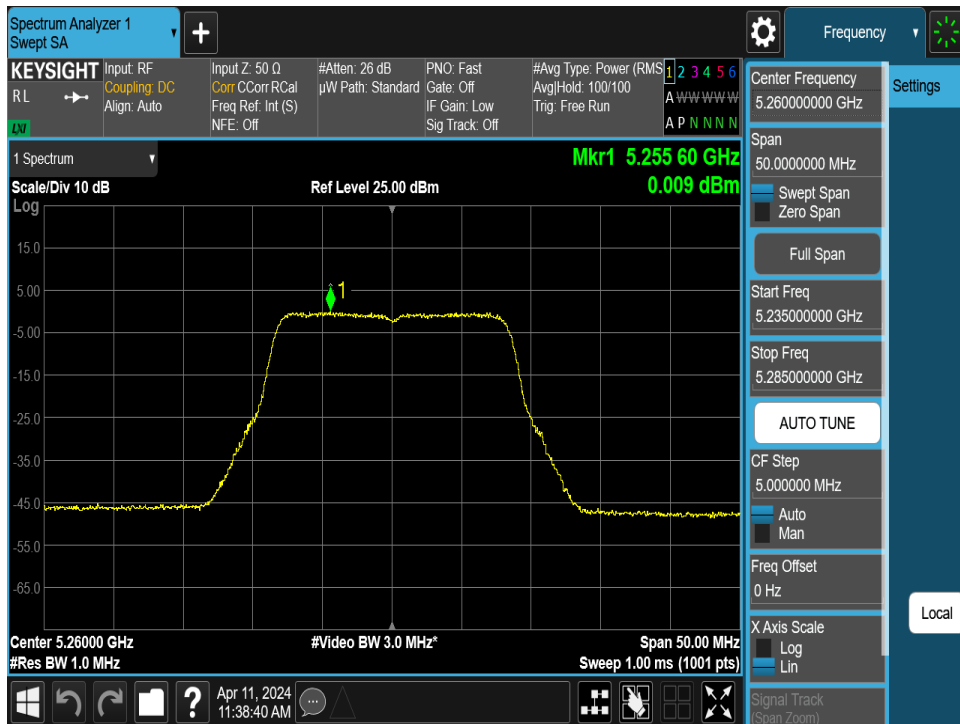


Plot 7-131. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ac (UNII Band 1/2A) – Ch. 50)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 96 of 156

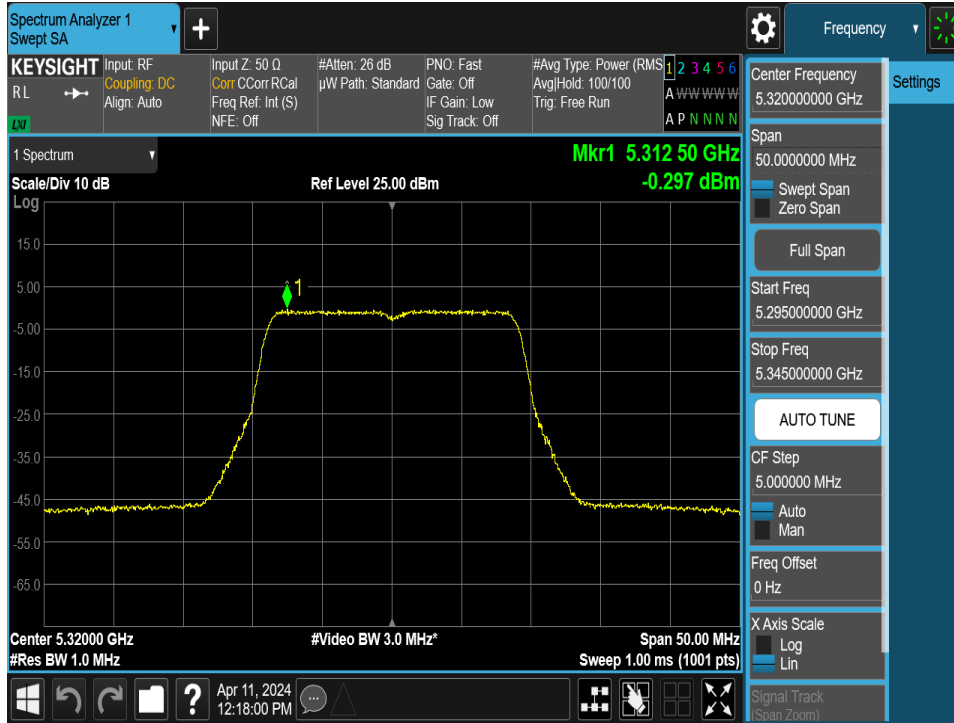


Plot 7-132. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802. 11ax/be (UNII Band 1/2A) – Ch. 50)

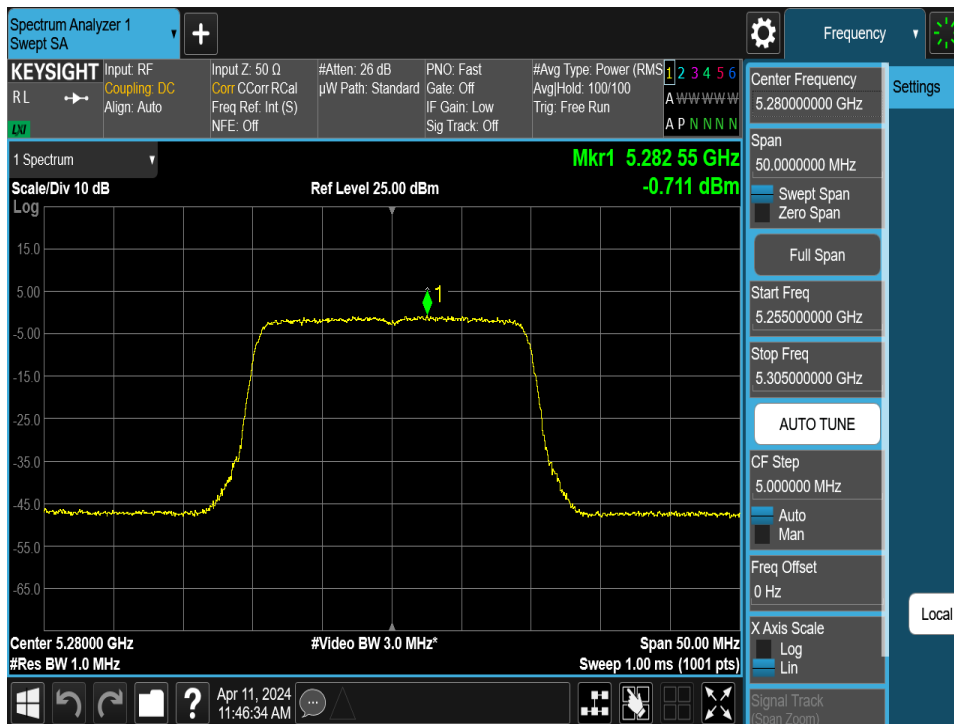


Plot 7-133. Power Spectral Density Plot MIMO ANT2 (802.11a (UNII Band 2A) – Ch. 52)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 97 of 156

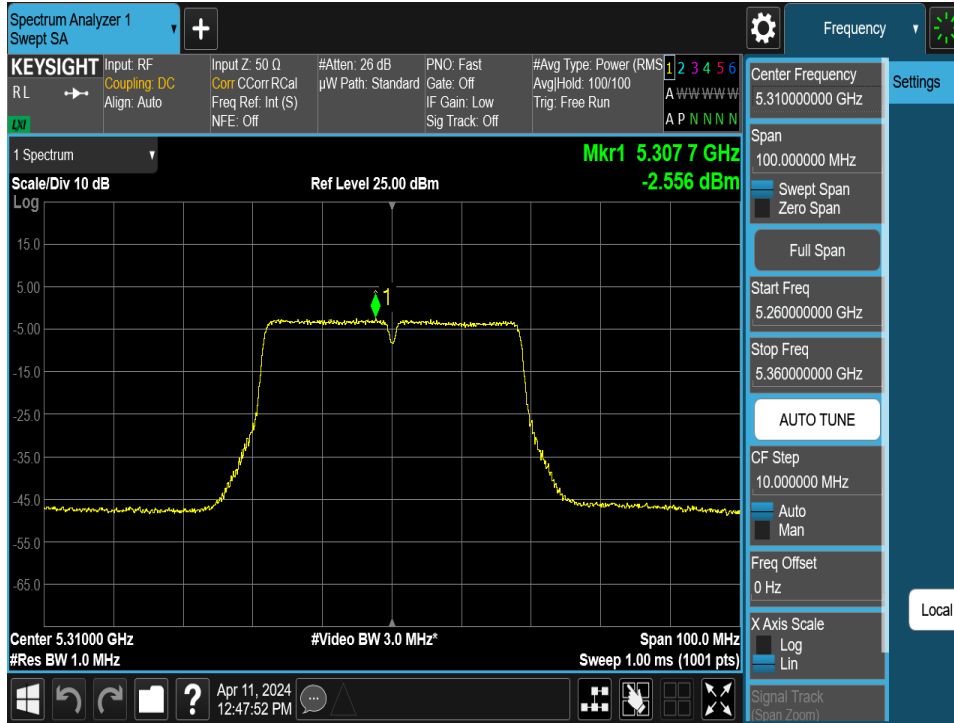


Plot 7-134. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

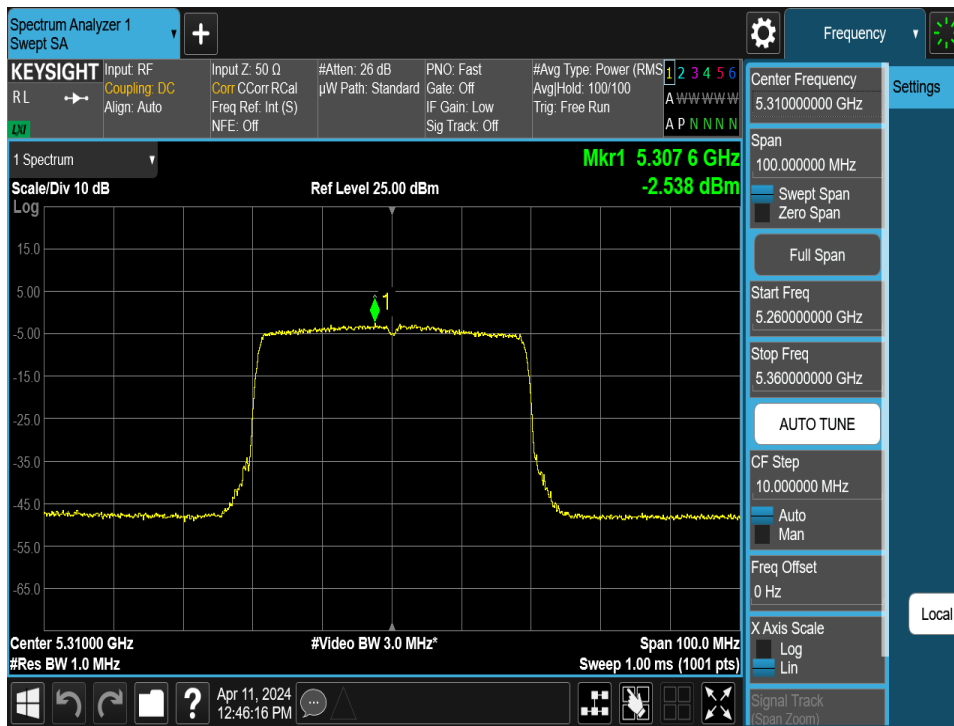


Plot 7-135. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (UNII Band 2A) – Ch. 56)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 98 of 156

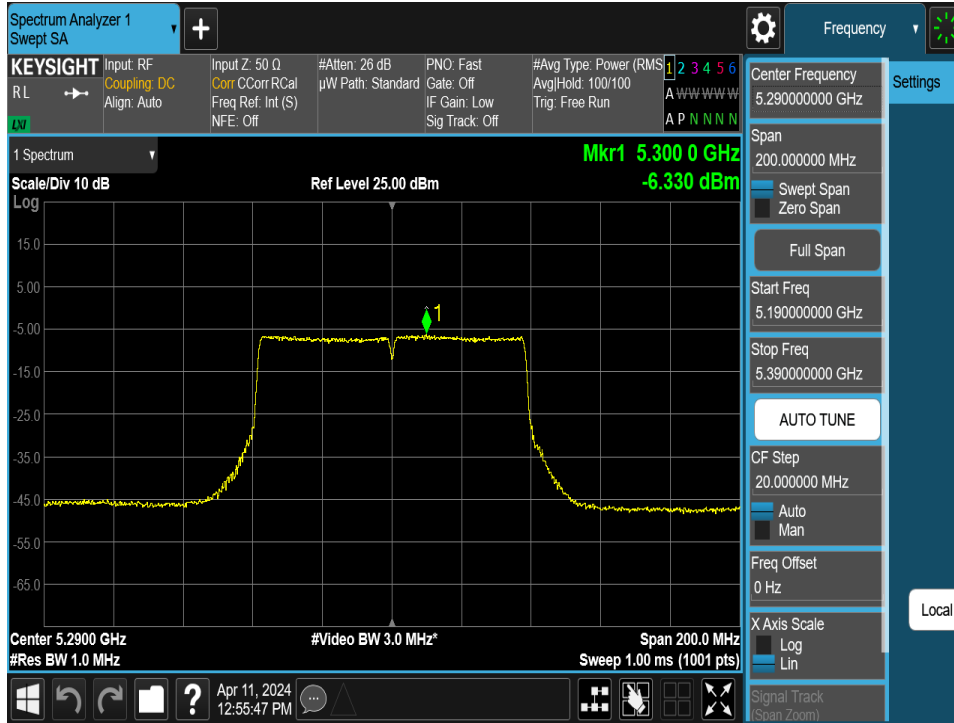


Plot 7-136. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)

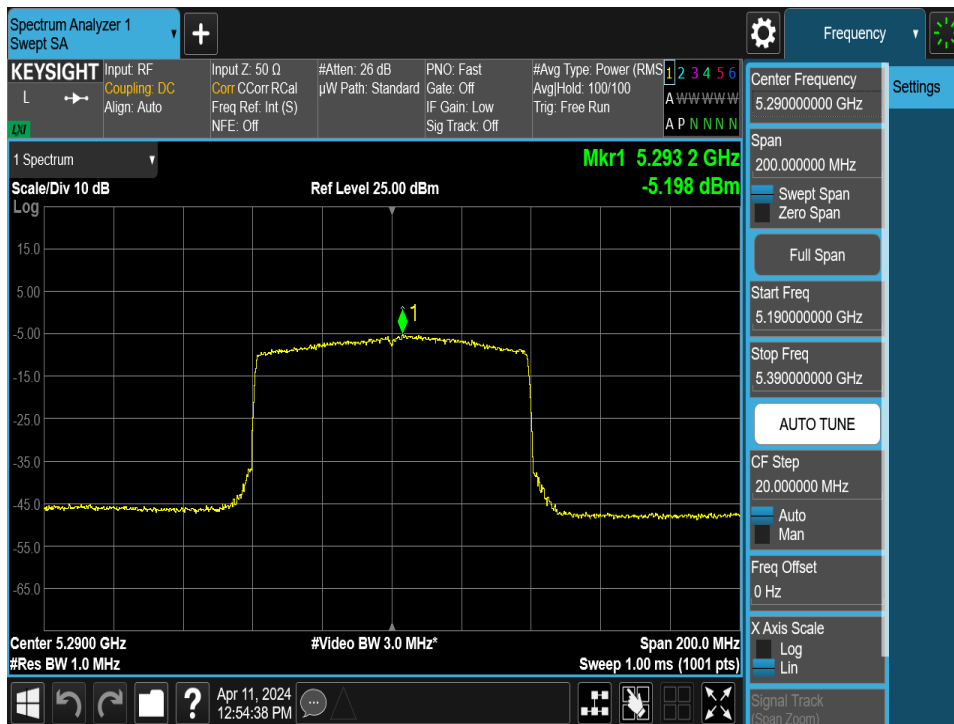


Plot 7-137. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (UNII Band 2A) – Ch. 62)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 99 of 156

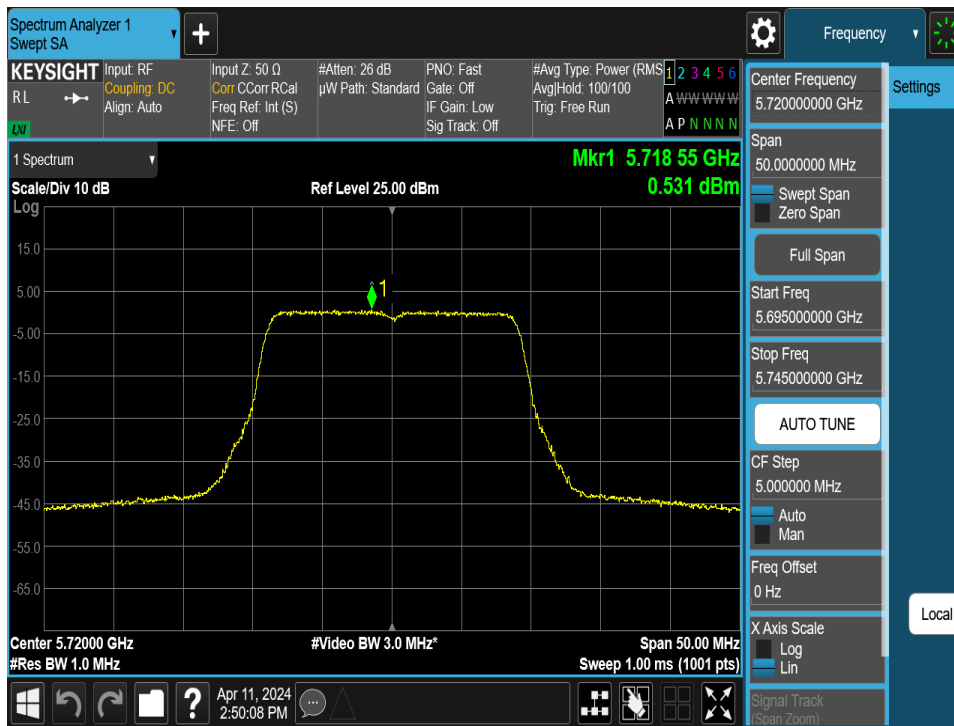
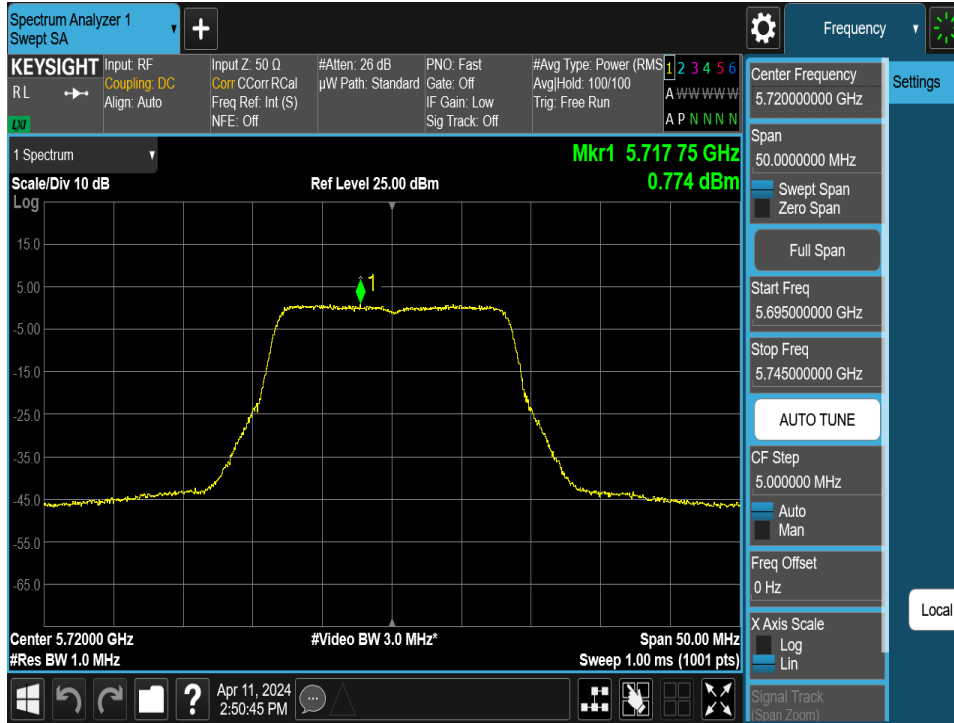


Plot 7-138. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)

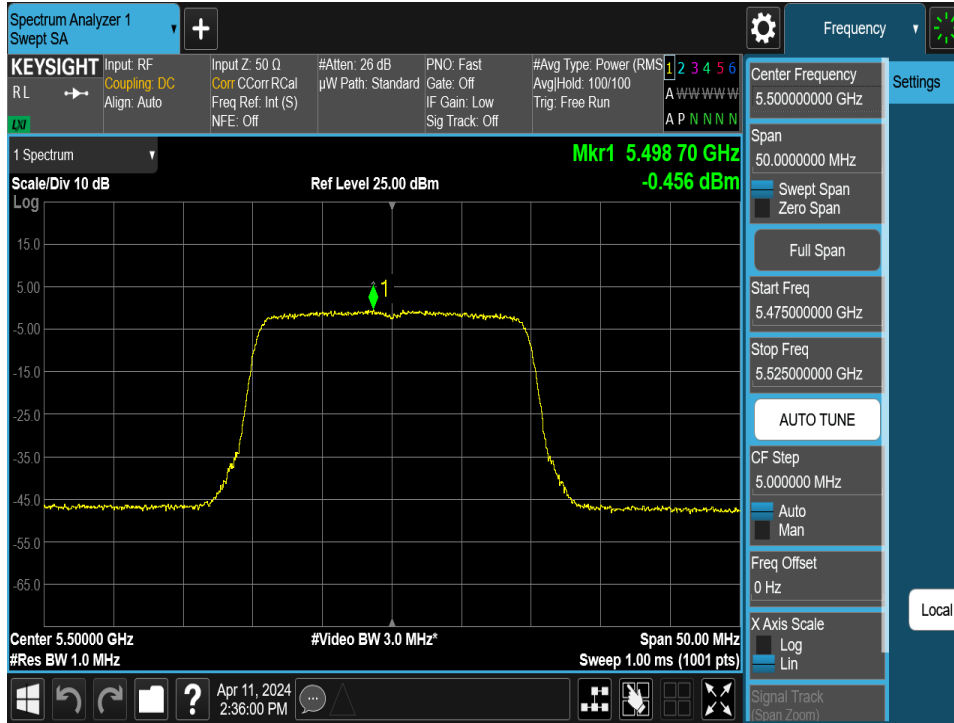


Plot 7-139. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (UNII Band 2A) – Ch. 58)

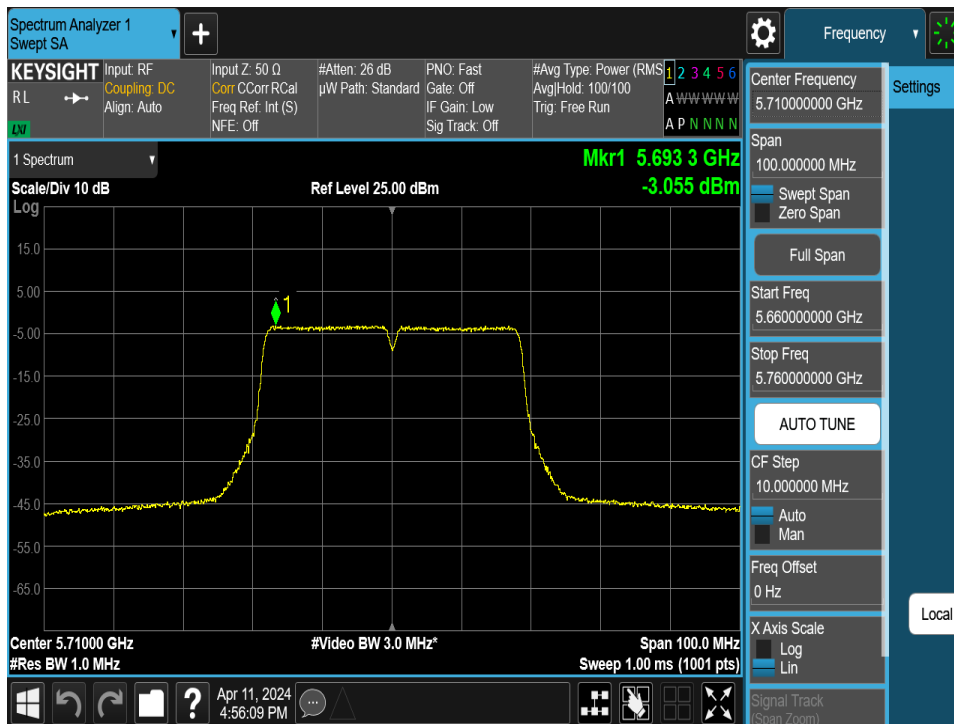
FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 100 of 156



FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 101 of 156

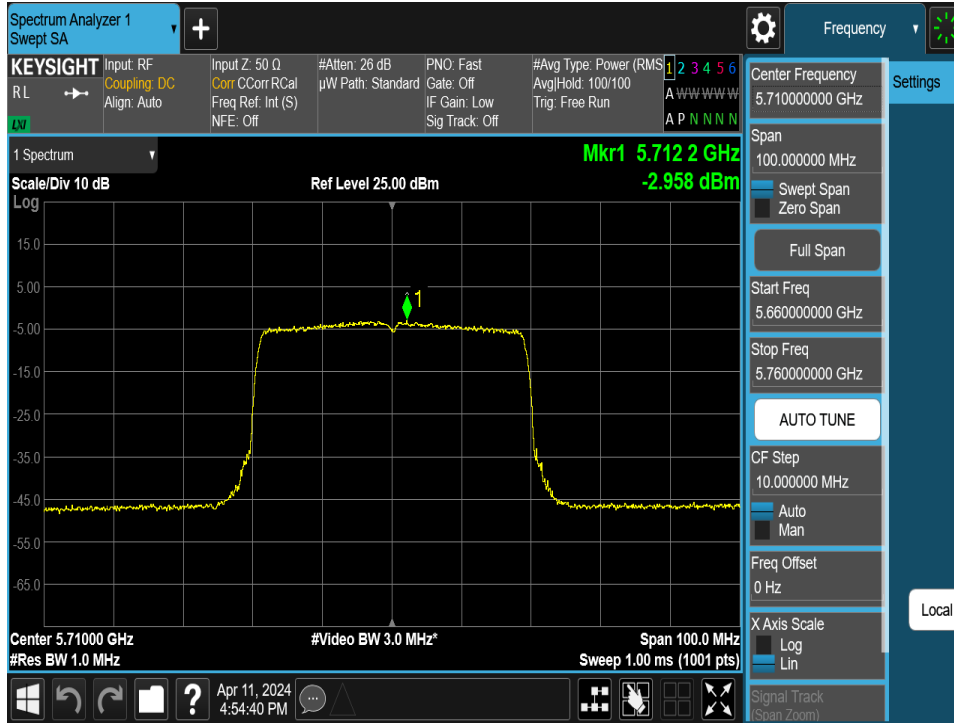


Plot 7-142. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (UNII Band 2C) – Ch. 100)

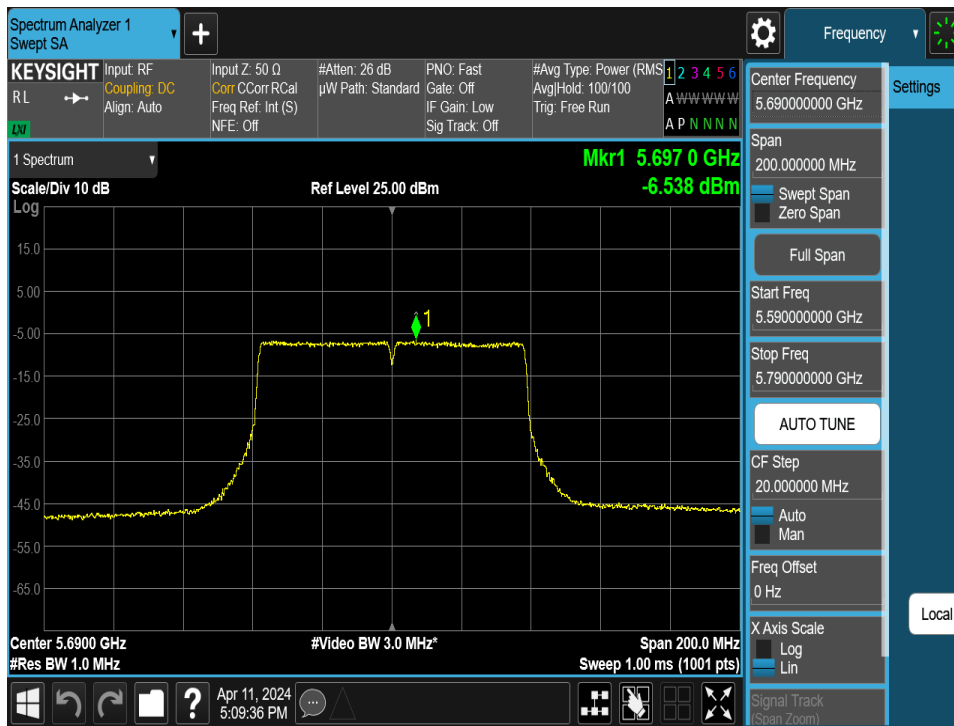


Plot 7-143. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 102 of 156

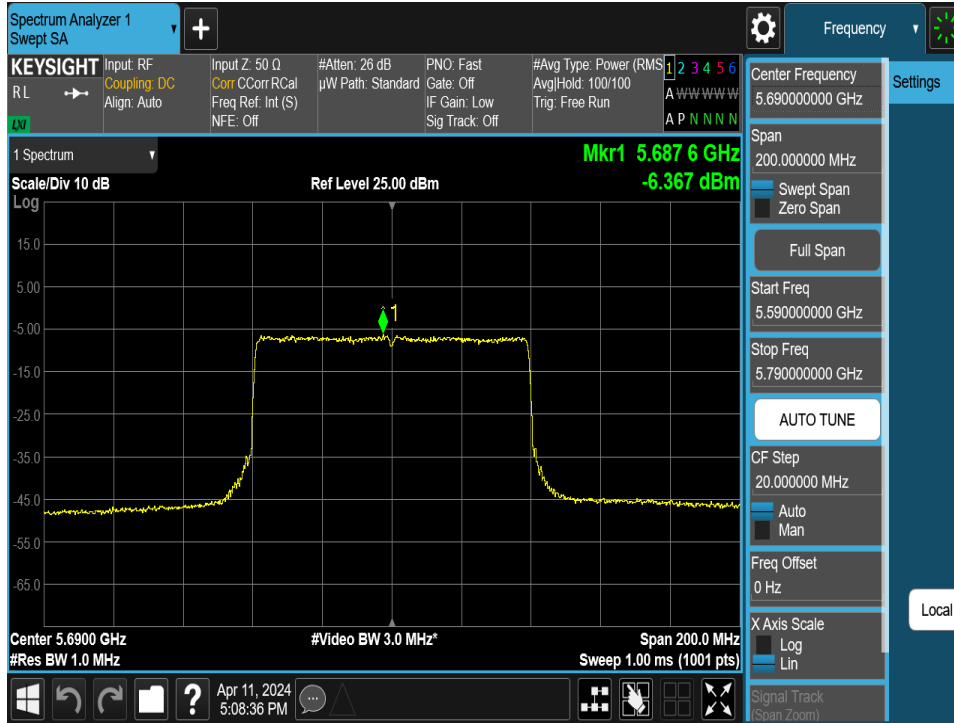


Plot 7-144. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (UNII Band 2C) – Ch. 142)

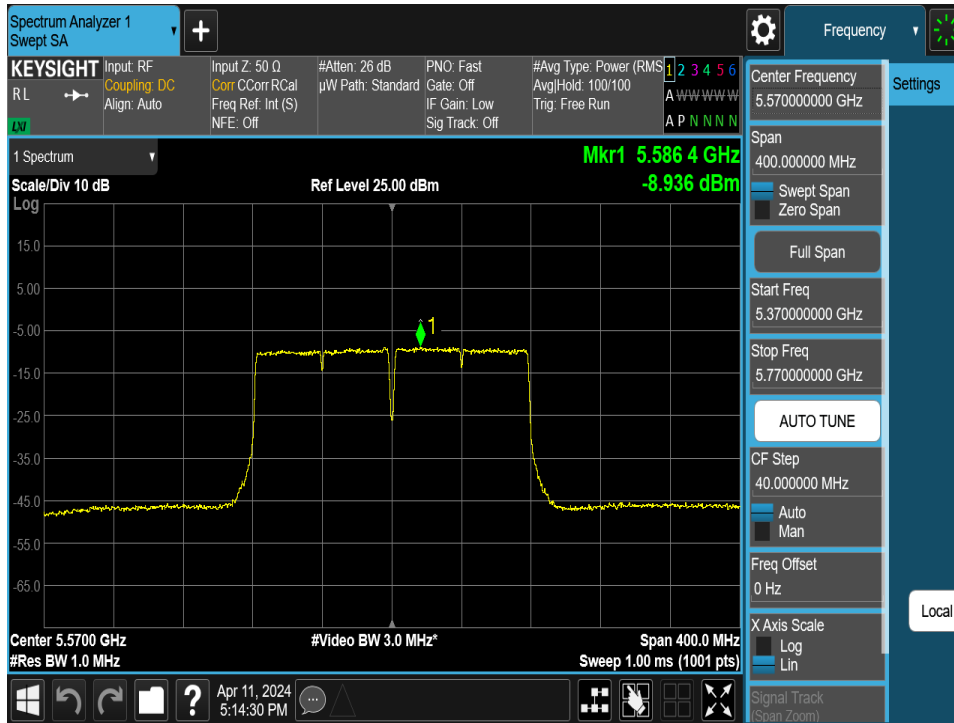


Plot 7-145. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 103 of 156

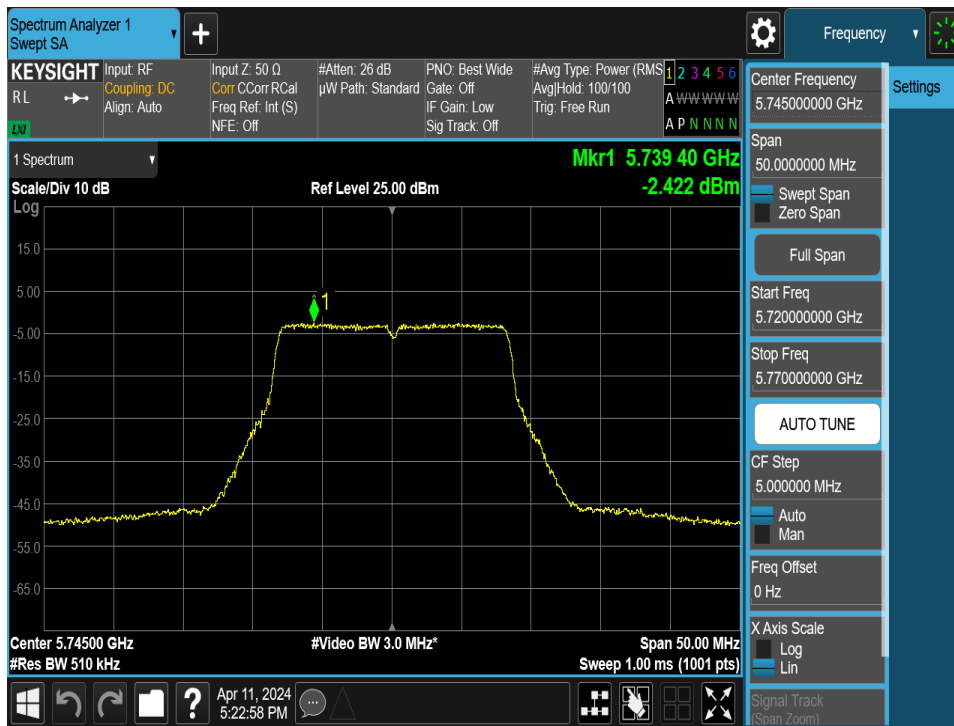
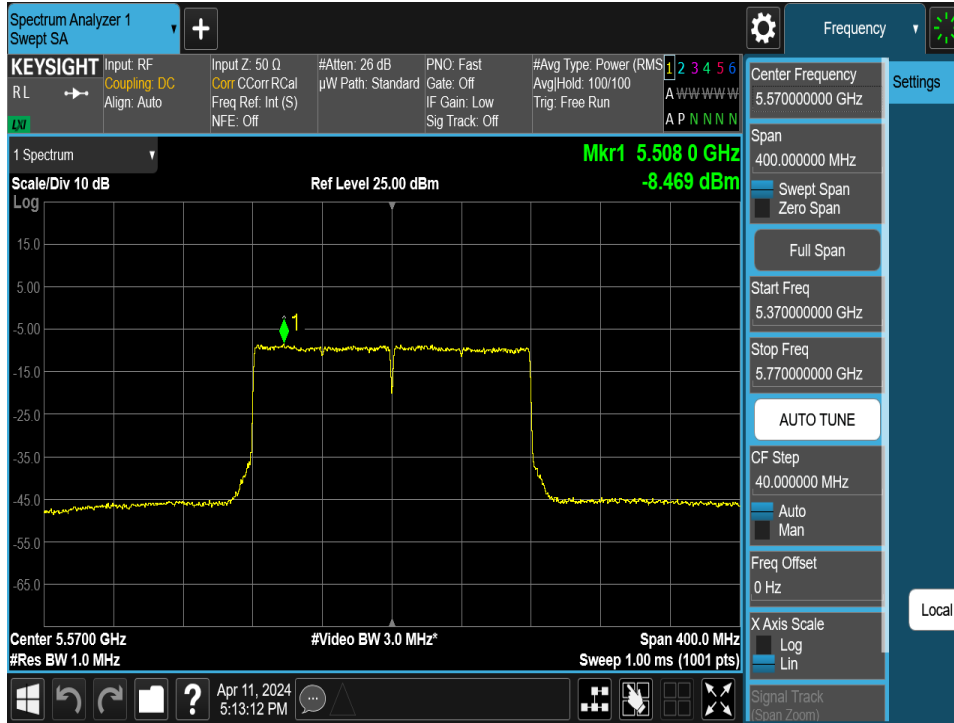


Plot 7-146. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (UNII Band 2C) – Ch. 138)

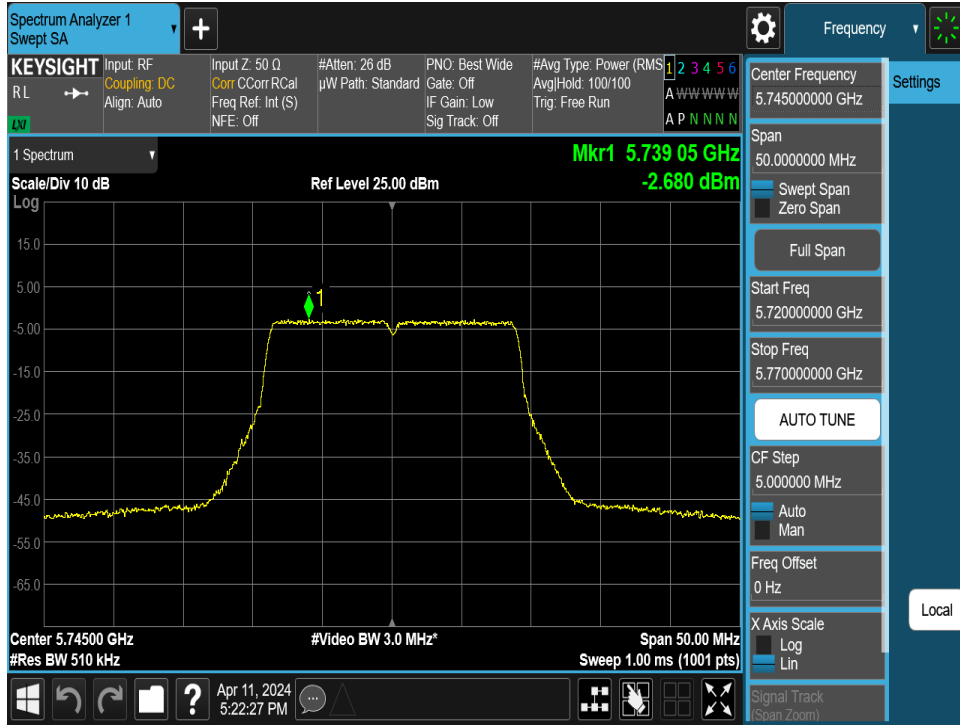


Plot 7-147. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ac (UNII Band 2C) – Ch. 114)

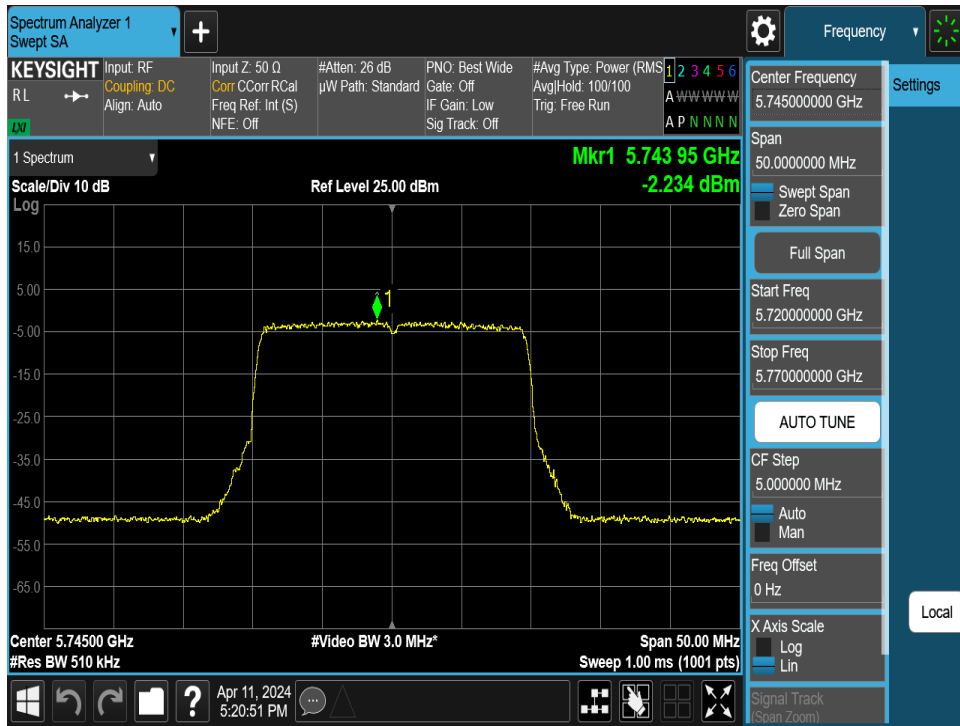
FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 104 of 156



FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
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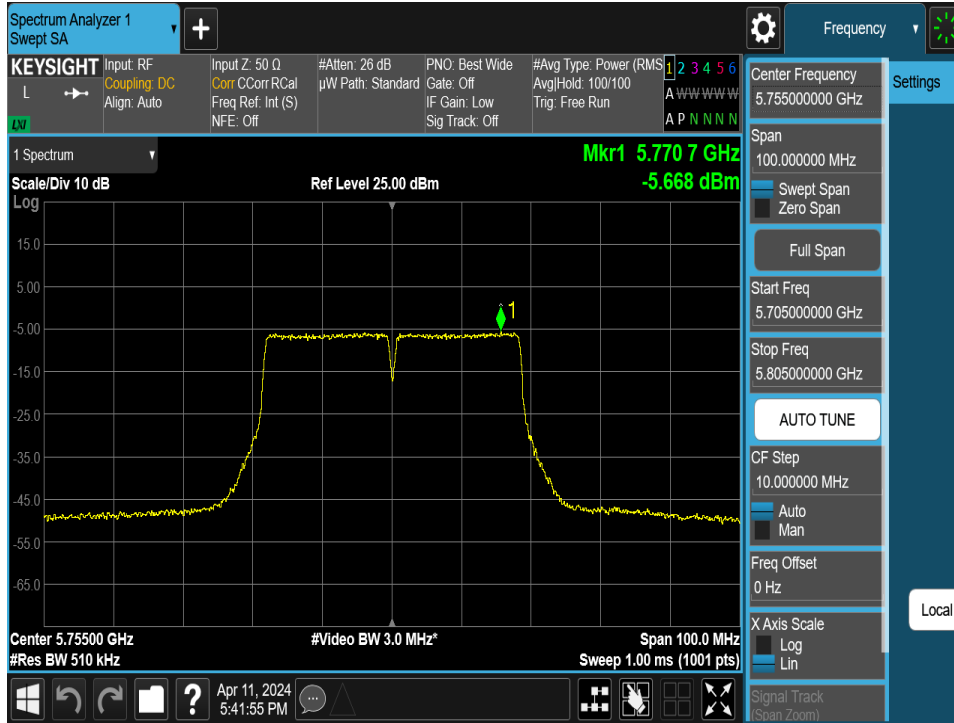


Plot 7-150. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 3) – Ch. 149)

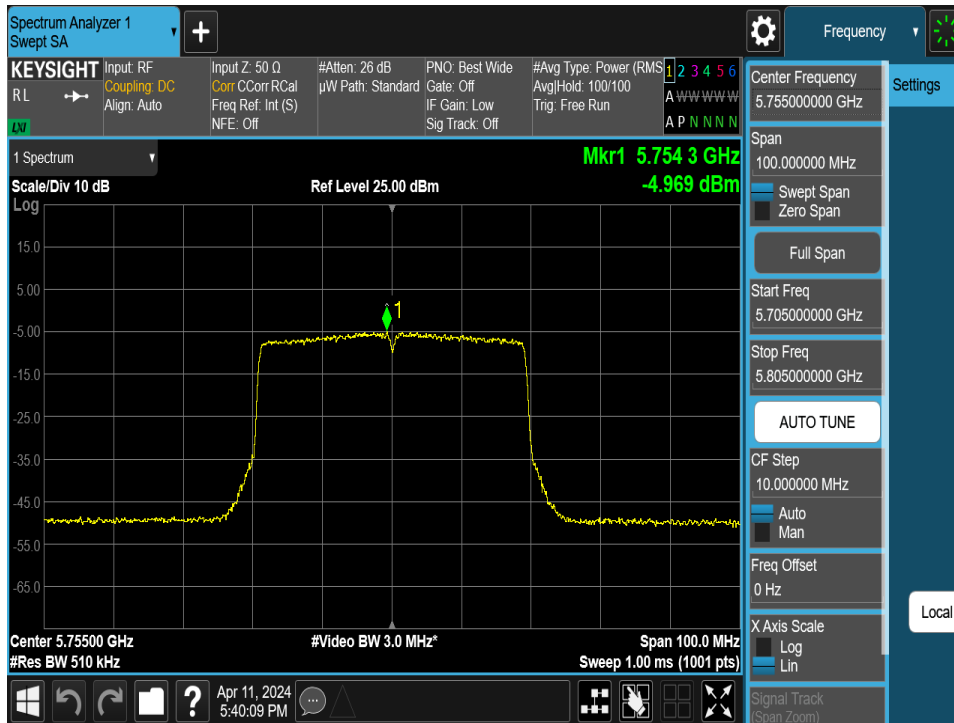


Plot 7-151. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (UNII Band 3) – Ch. 149)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 106 of 156

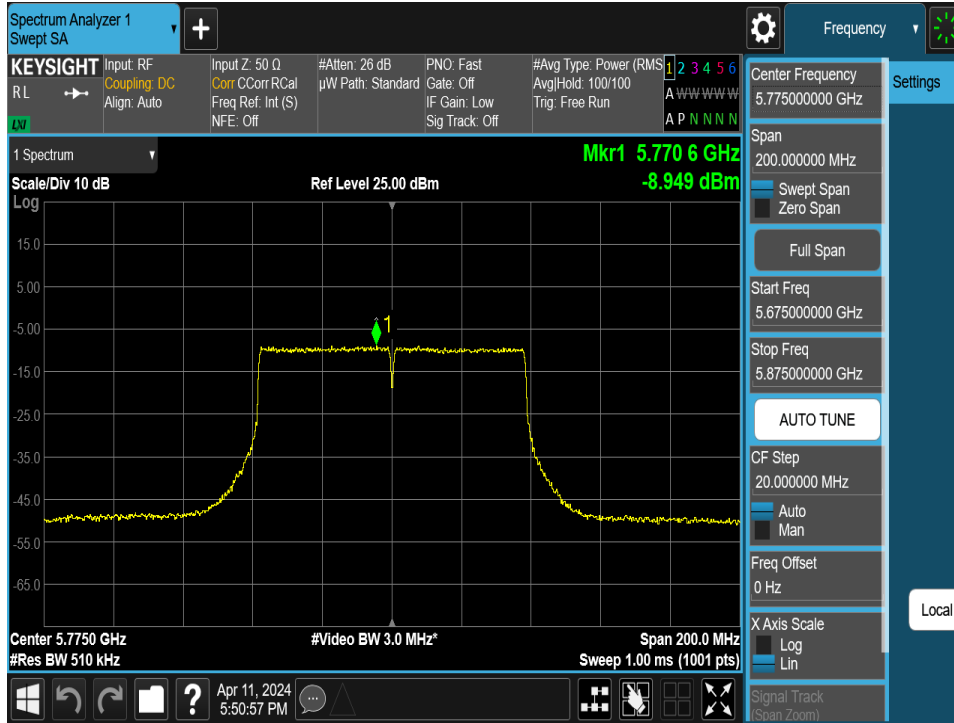


Plot 7-152. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 3) – Ch. 151)

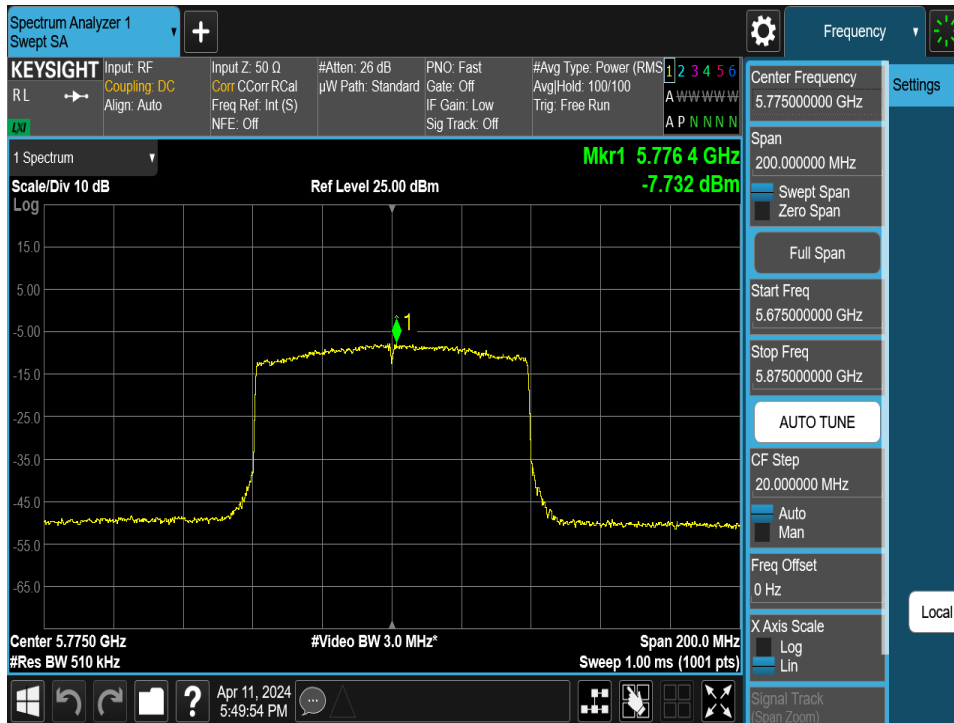


Plot 7-153. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (UNII Band 3) – Ch. 151)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 107 of 156

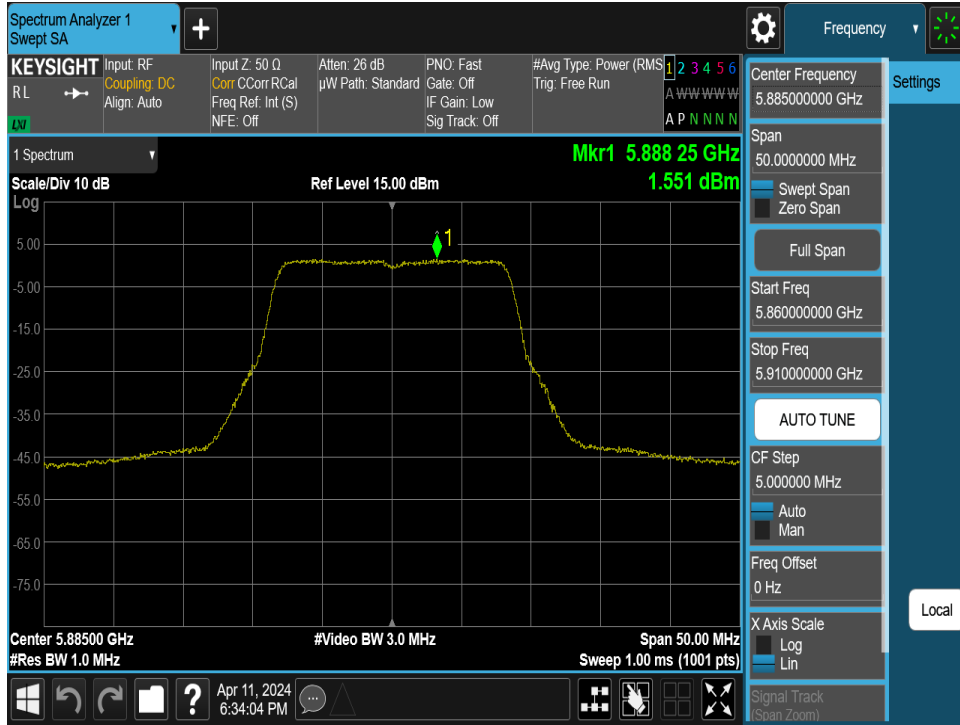


Plot 7-154. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 3) – Ch. 155)

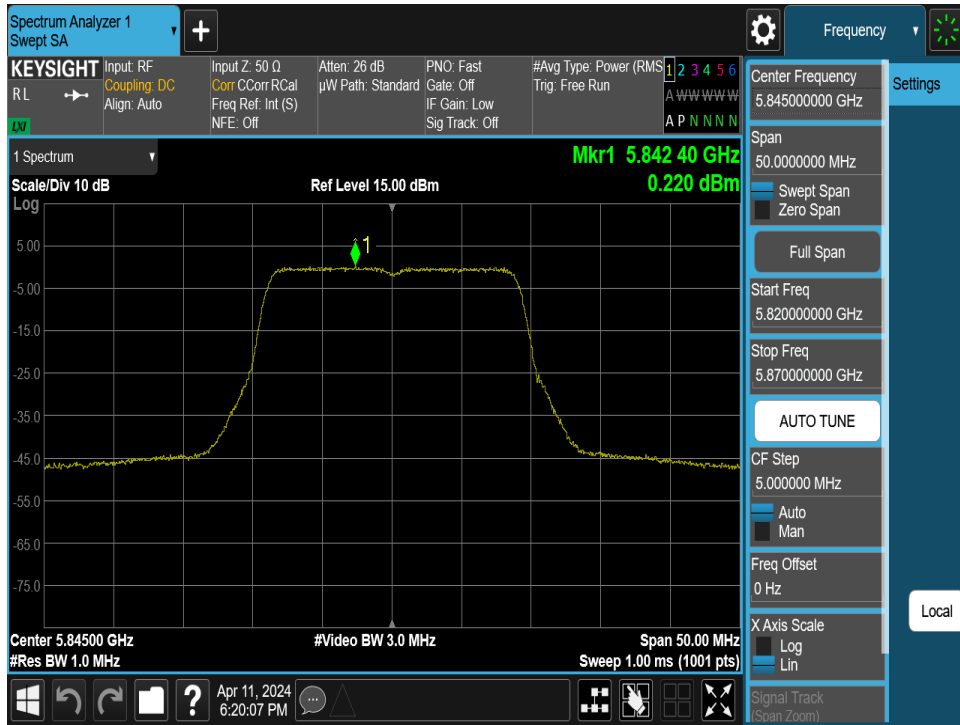


Plot 7-155. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (UNII Band 3) – Ch. 155)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 108 of 156

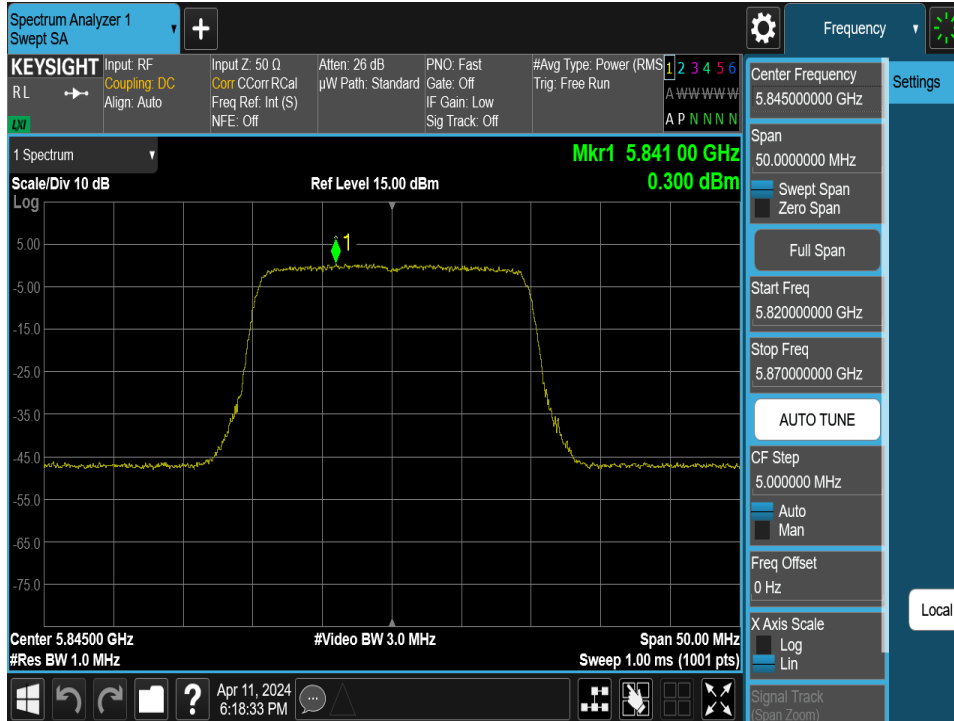


Plot 7-156. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 4) – Ch. 177)

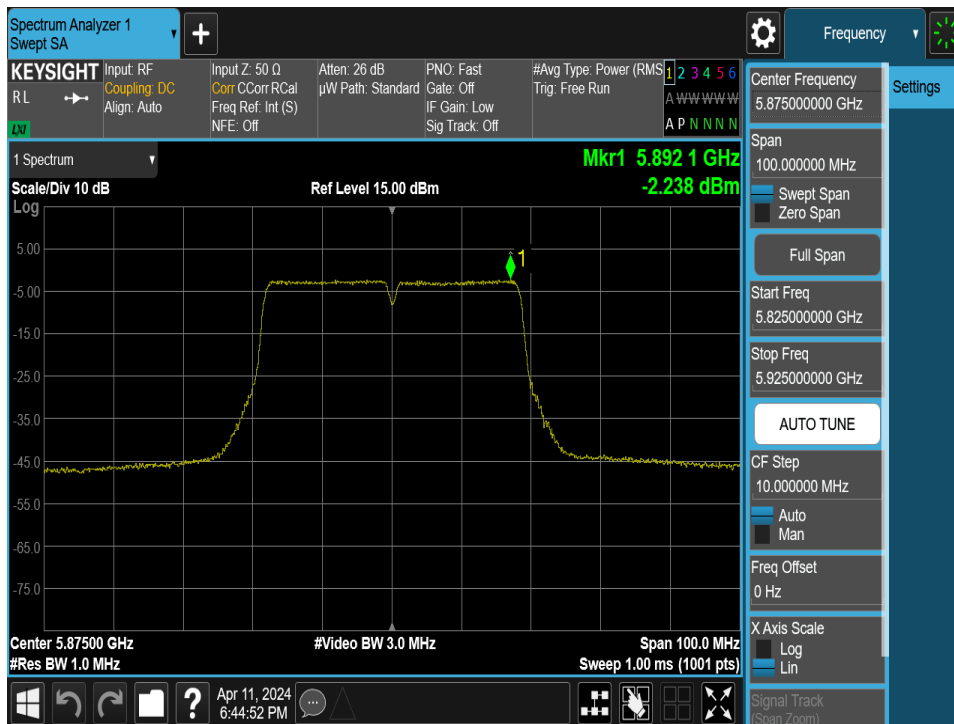


Plot 7-157. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 3/4) – Ch. 169)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 109 of 156

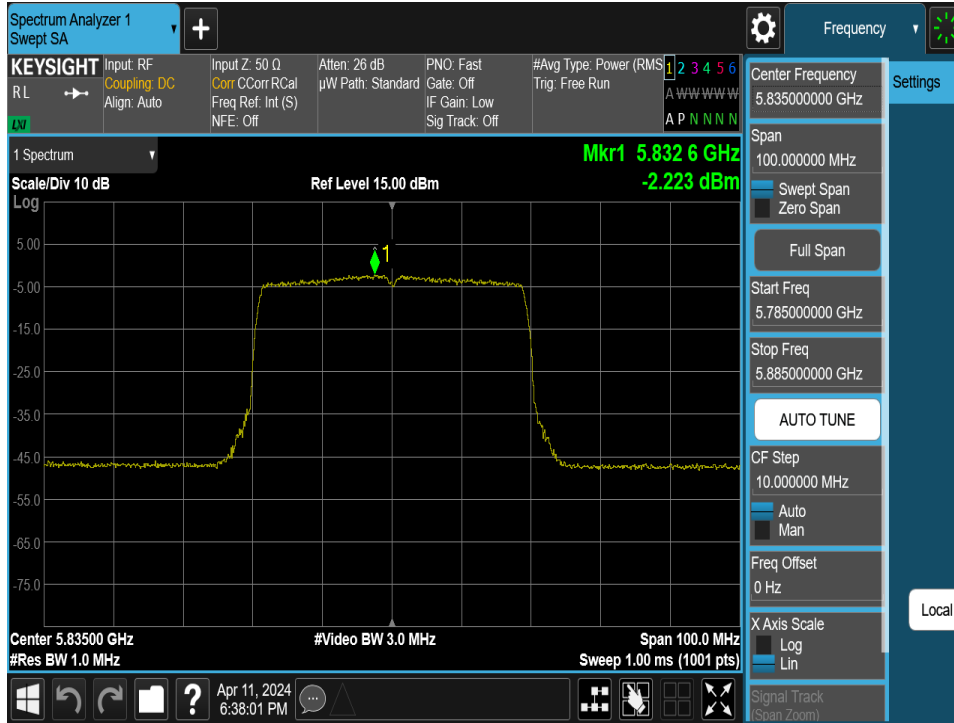


Plot 7-158. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax/be (UNII Band 3/4) – Ch. 169)

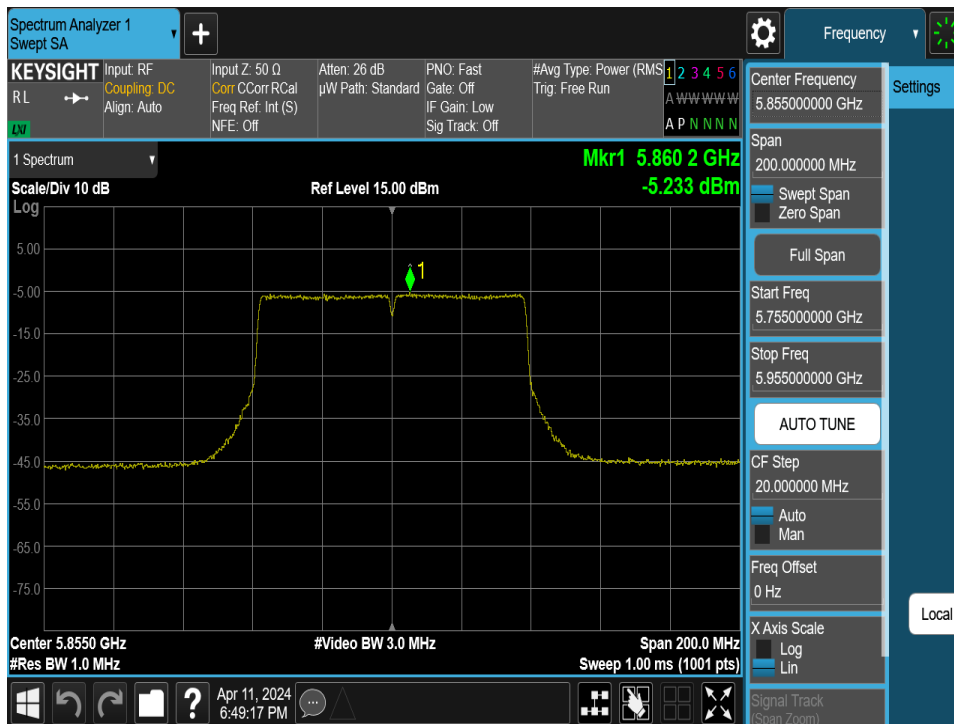


Plot 7-159. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 4) – Ch. 175)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 110 of 156

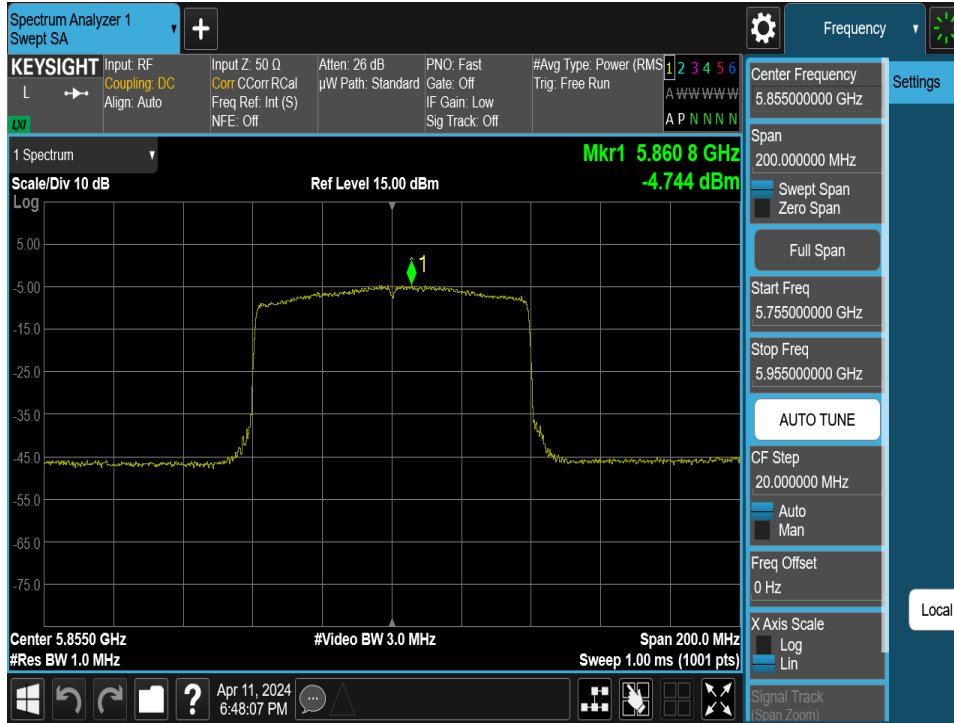


Plot 7-160. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax/be (UNII Band 3/4) – Ch. 167)

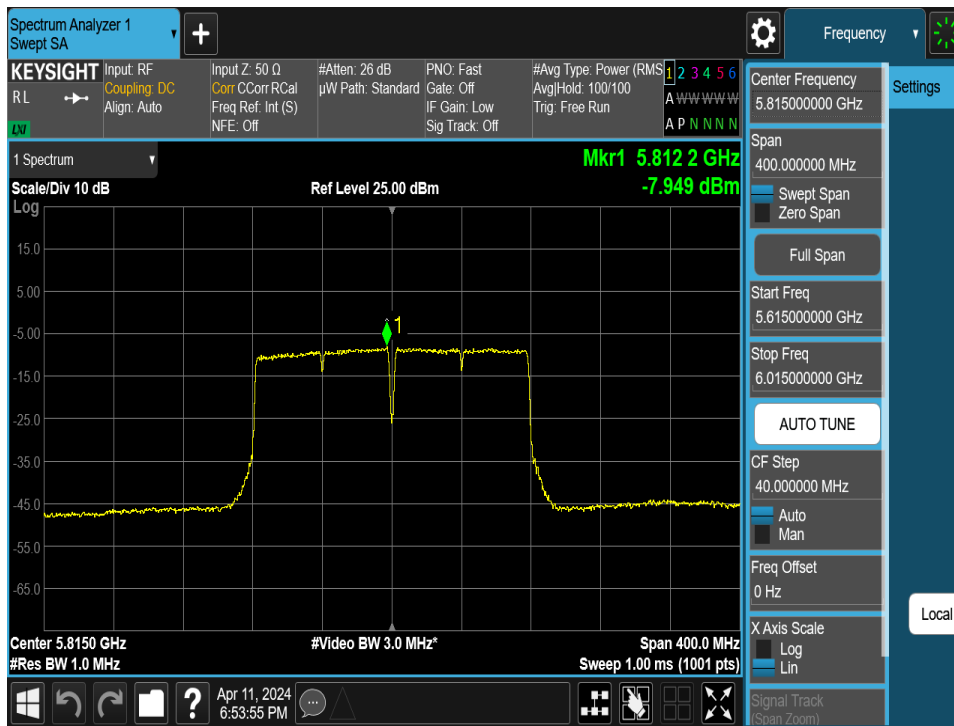


Plot 7-161. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 3/4) – Ch. 171)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 111 of 156

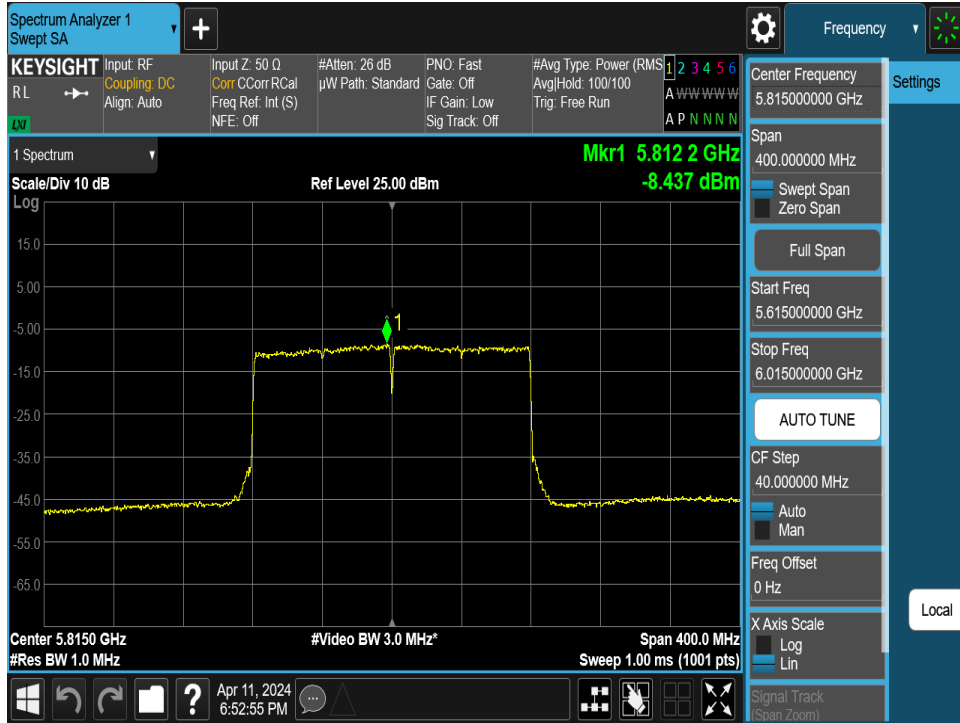


Plot 7-162. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax/be (UNII Band 3/4) – Ch. 171)



Plot 7-163. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ac (UNII Band 3/4) – Ch. 163)

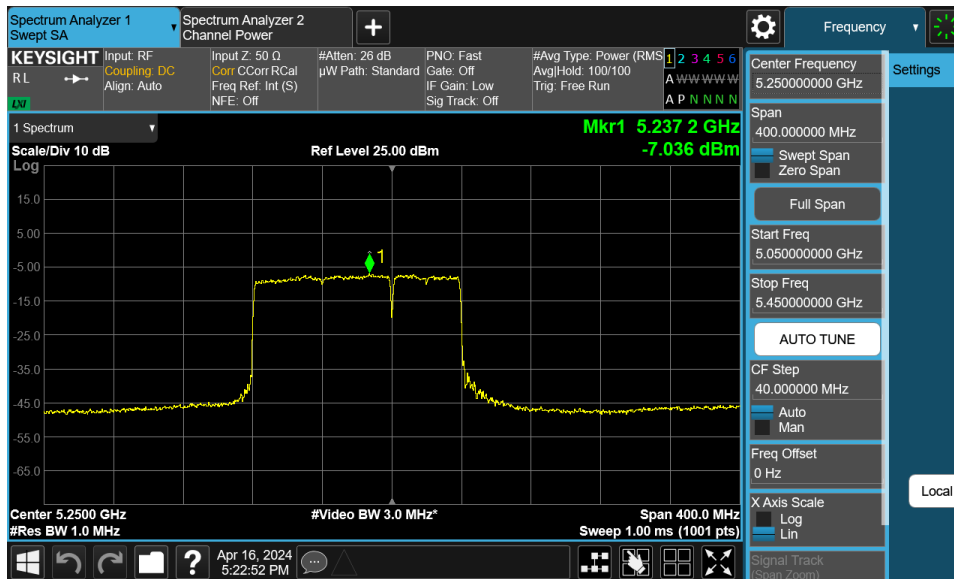
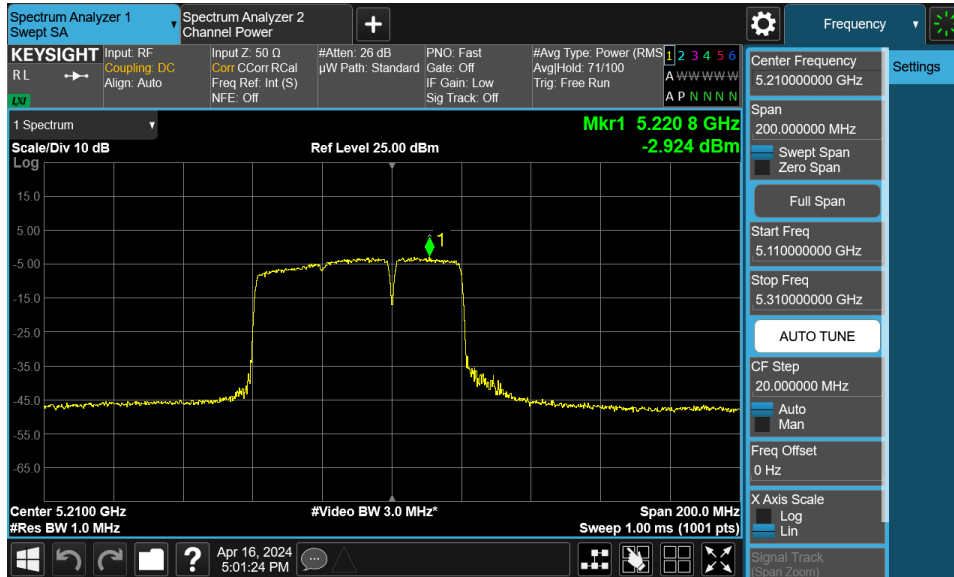
FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 112 of 156



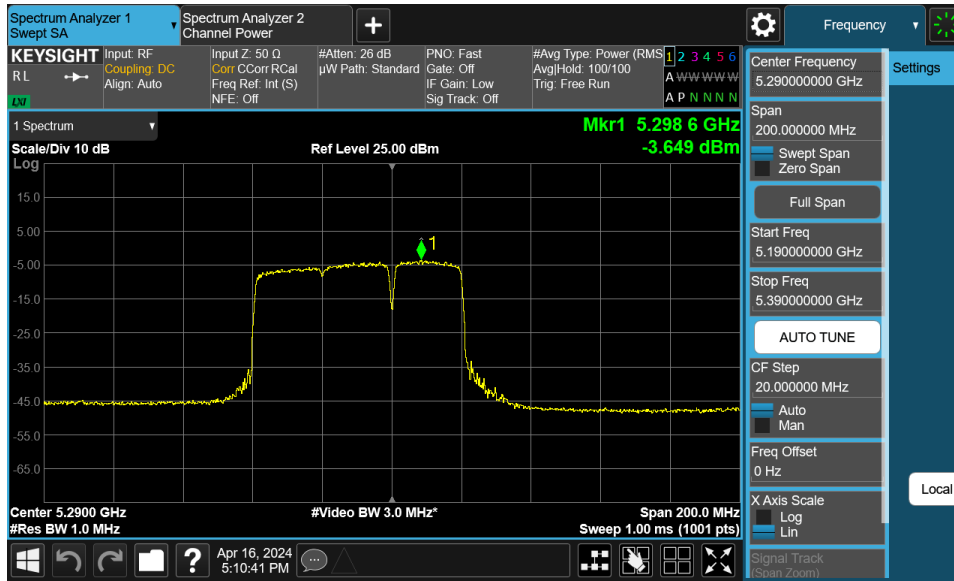
Plot 7-164. Power Spectral Density Plot MIMO ANT2 (160MHz BW 802.11ax/be (UNII Band 3/4) – Ch. 163)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 113 of 156

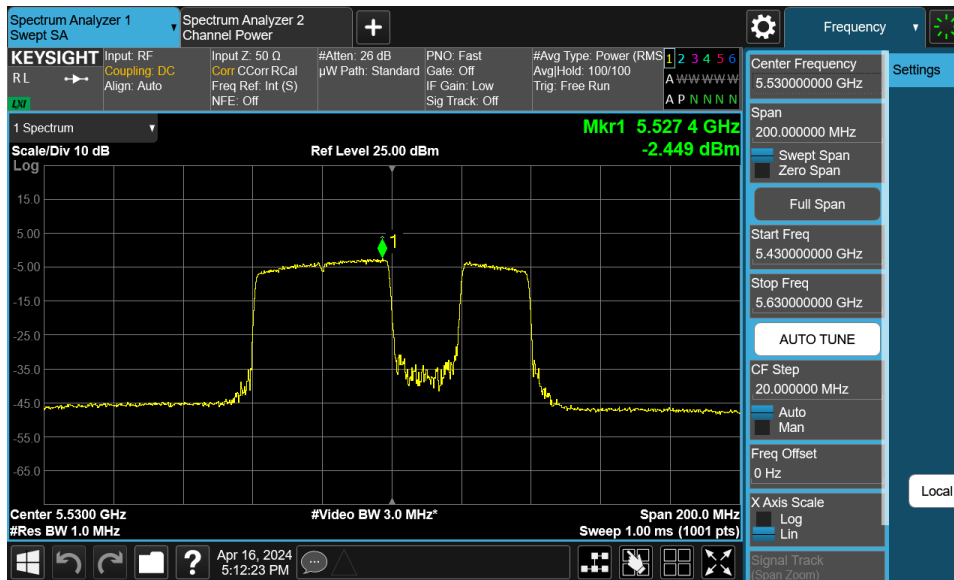
7.5.3 MIMO Antenna-1 Power Spectral Density Measurements - Punctured



FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 114 of 156



Plot 7-167. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11be (UNII Band 2A) – Ch. 58)



Plot 7-168. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11be (UNII Band 2C) – Ch. 106)

FCC ID: A3LNP940XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2403190019-07.A3L	Test Dates: 3/14/2024 – 4/24/2024	EUT Type: Portable Computing Device	Page 115 of 156