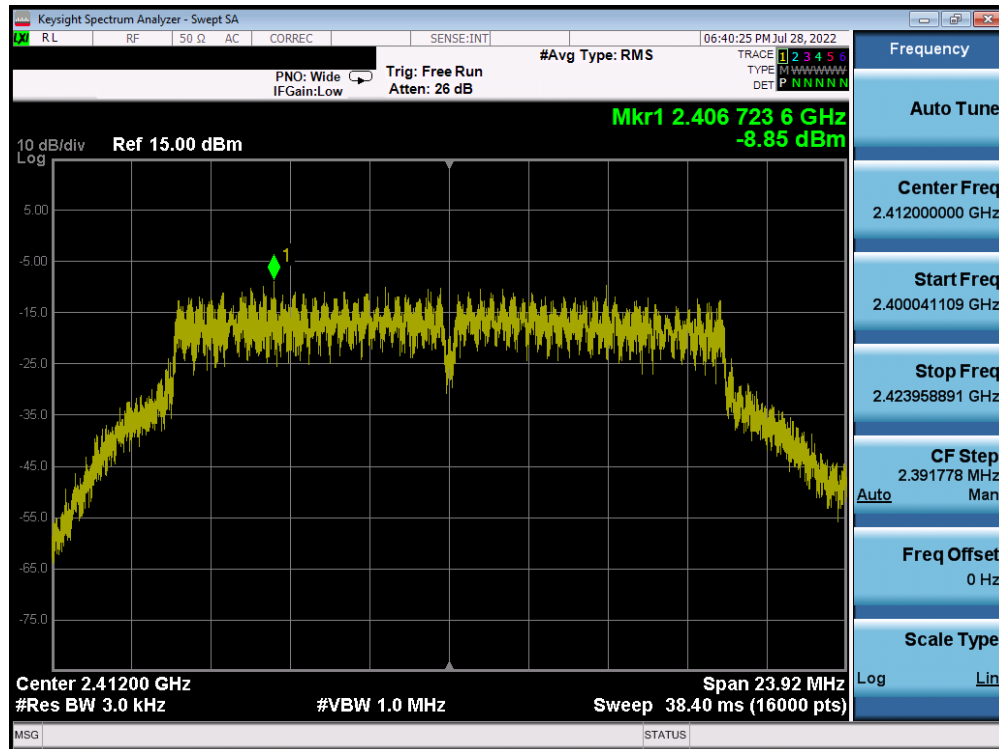
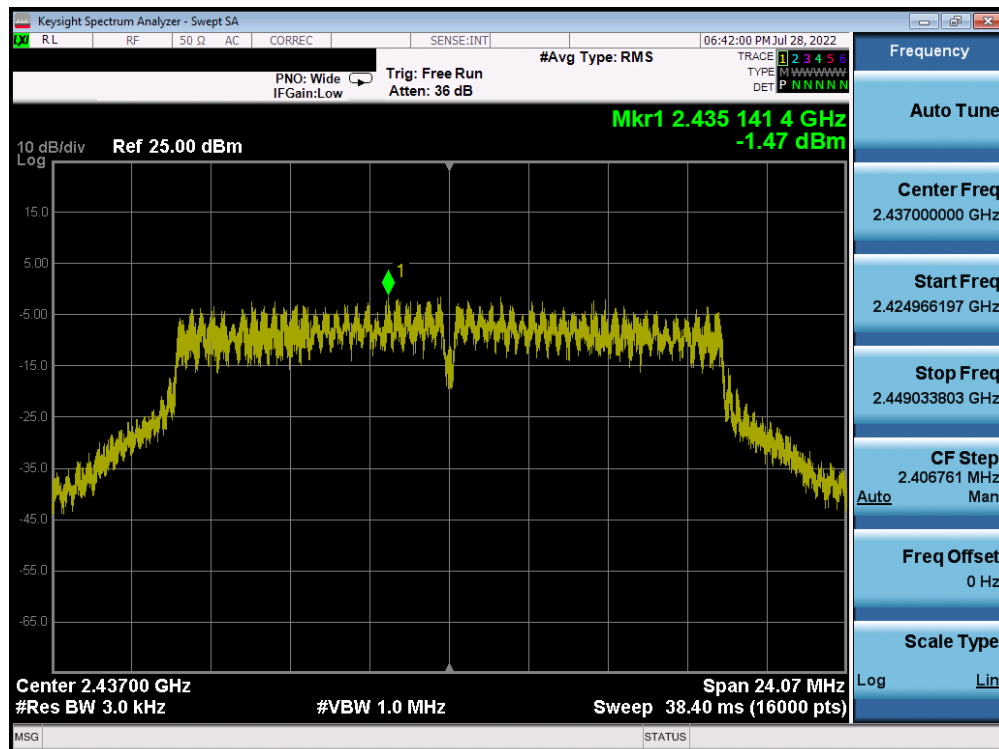


Low Data Rate



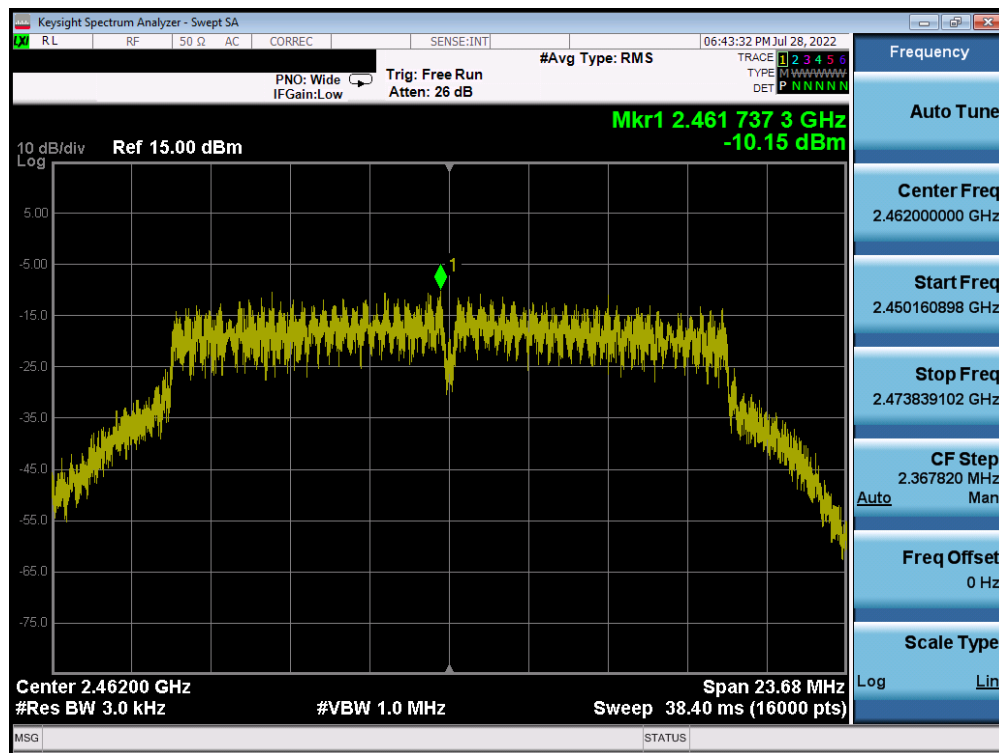
Plot 7-91. Power Spectral Density Plot Antenna 1a (802.11g – Ch. 1) – 12Mbps



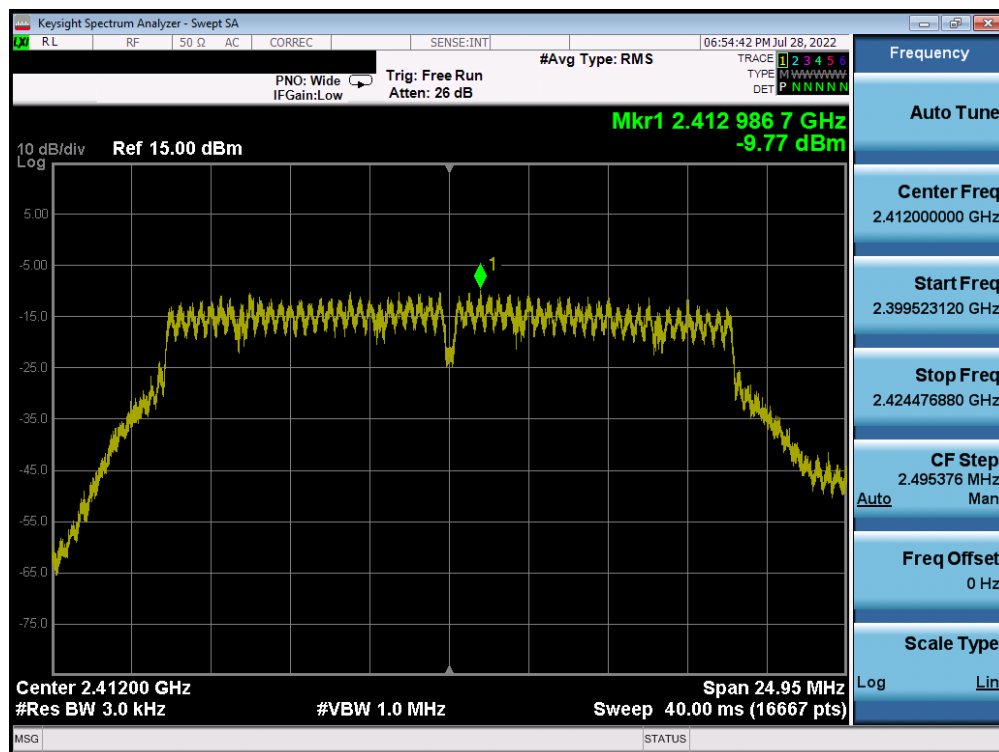
Plot 7-92. Power Spectral Density Plot Antenna 1a (802.11g – Ch. 6) – 12Mbps

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 90 of 440

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Plot 7-93. Power Spectral Density Plot Antenna 1a (802.11g – Ch. 11) – 12Mbps

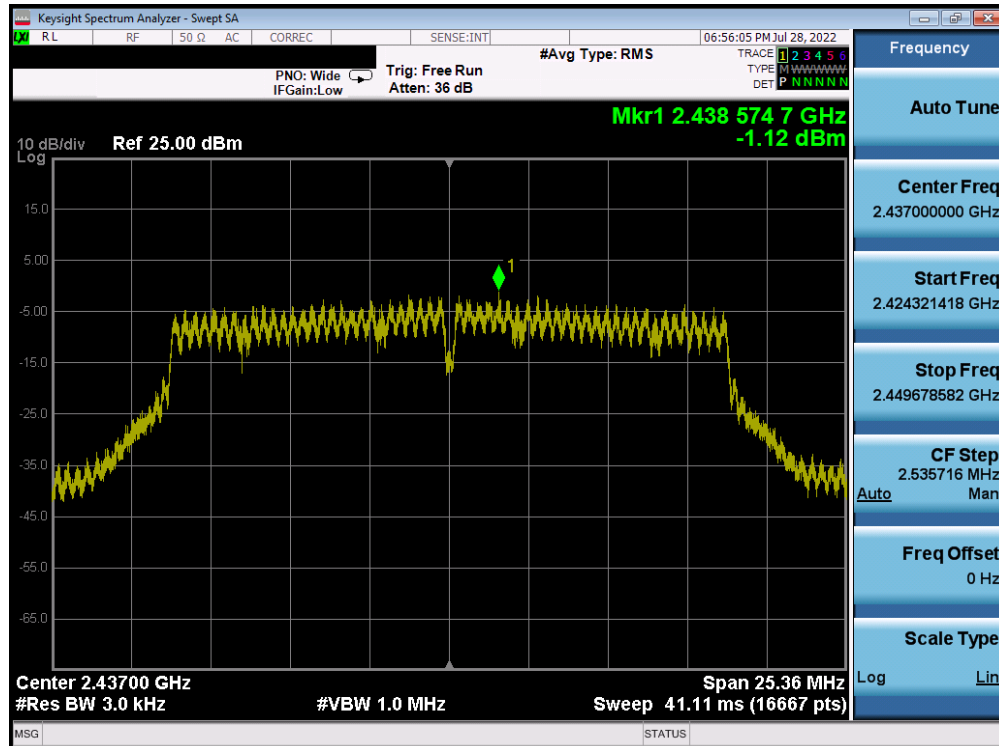


Plot 7-94. Power Spectral Density Plot Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MCS2

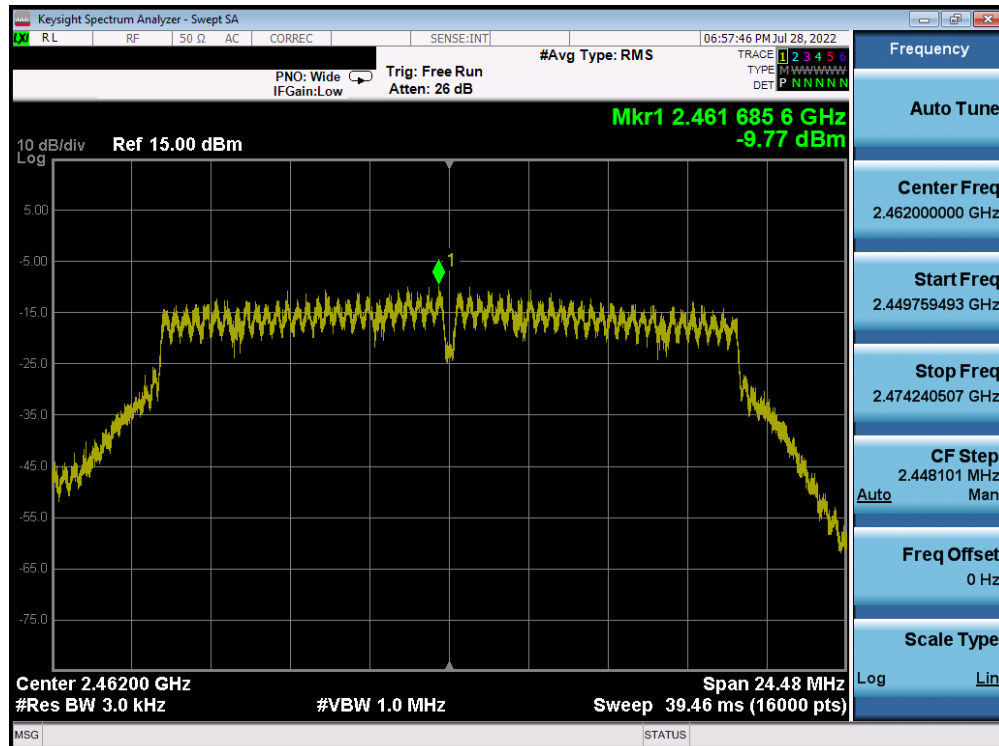
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 91 of 440

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Plot 7-95. Power Spectral Density Plot Antenna 1a (802.11n (2.4GHz) – Ch. 6) – MCS2

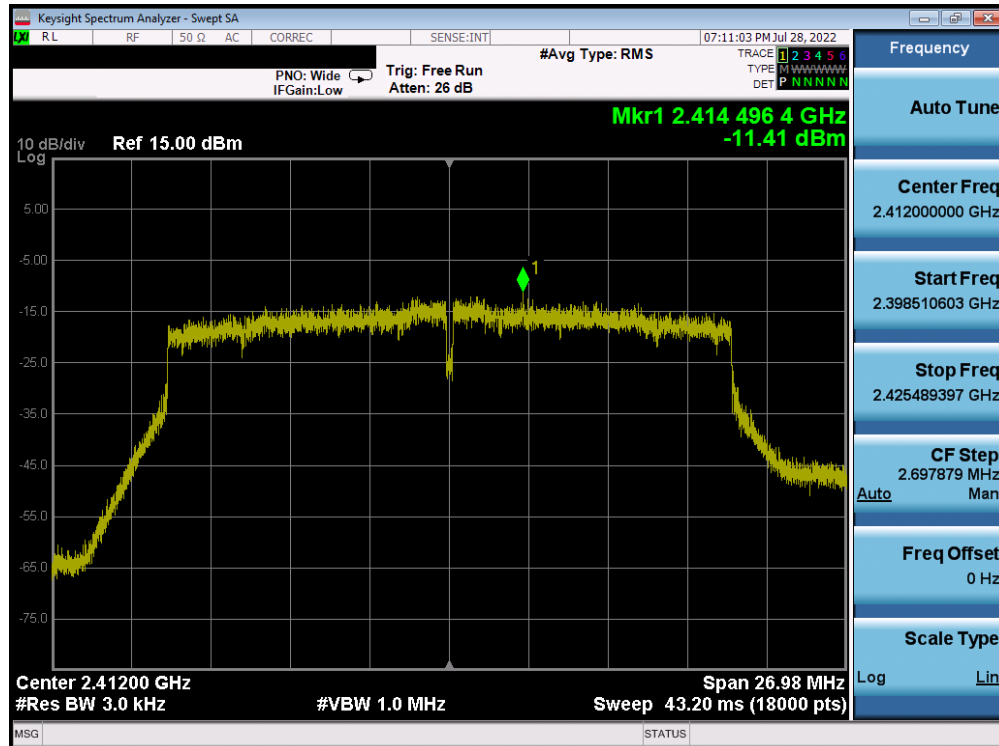


Plot 7-96. Power Spectral Density Plot Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS2

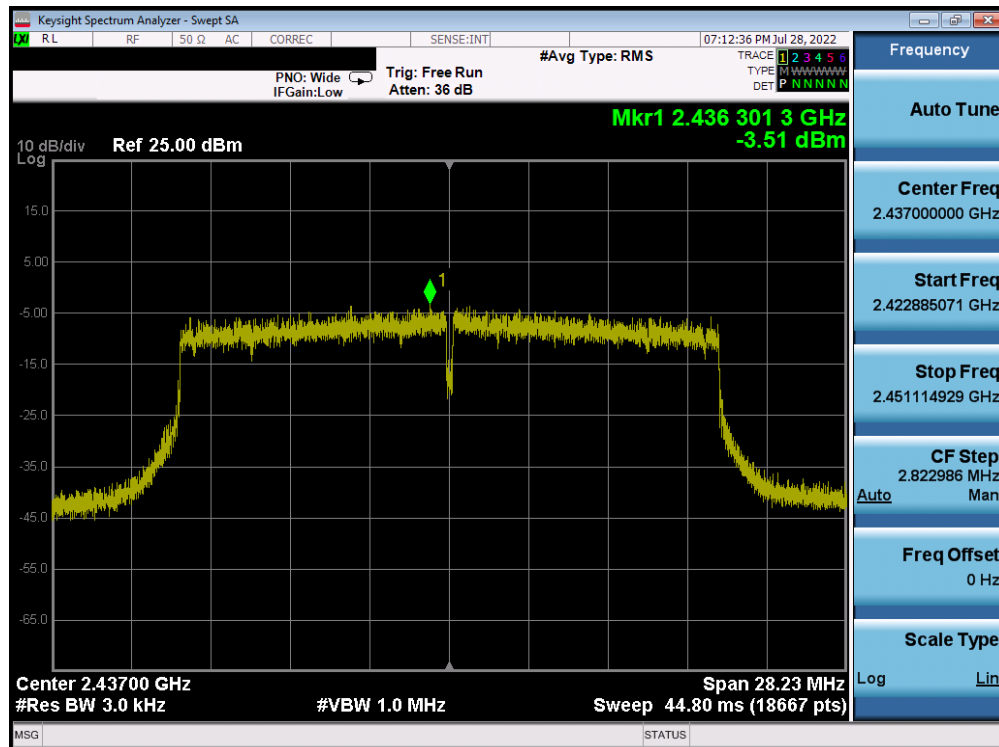
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 92 of 440

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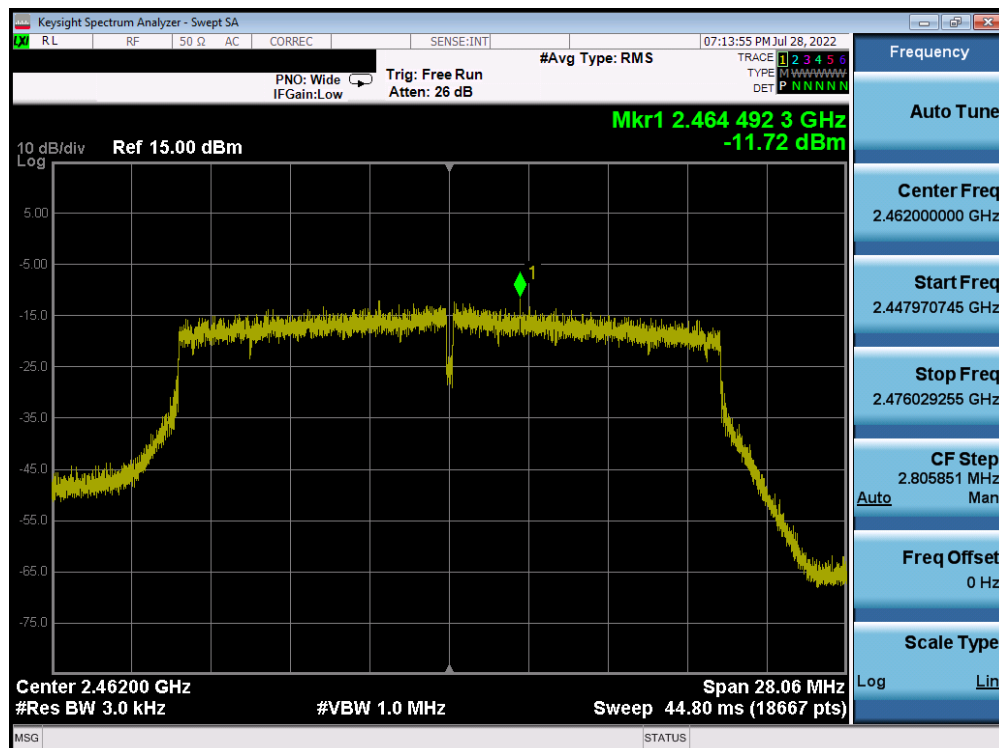


Plot 7-97. Power Spectral Density Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2



Plot 7-98. Power Spectral Density Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 93 of 440

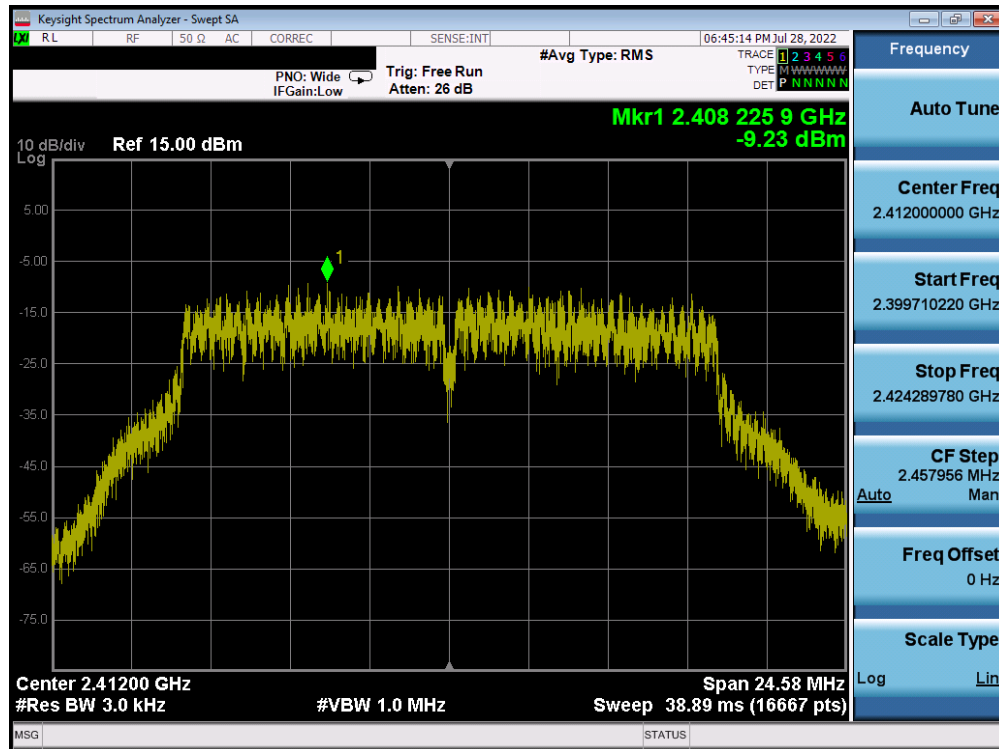


Plot 7-99. Power Spectral Density Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2

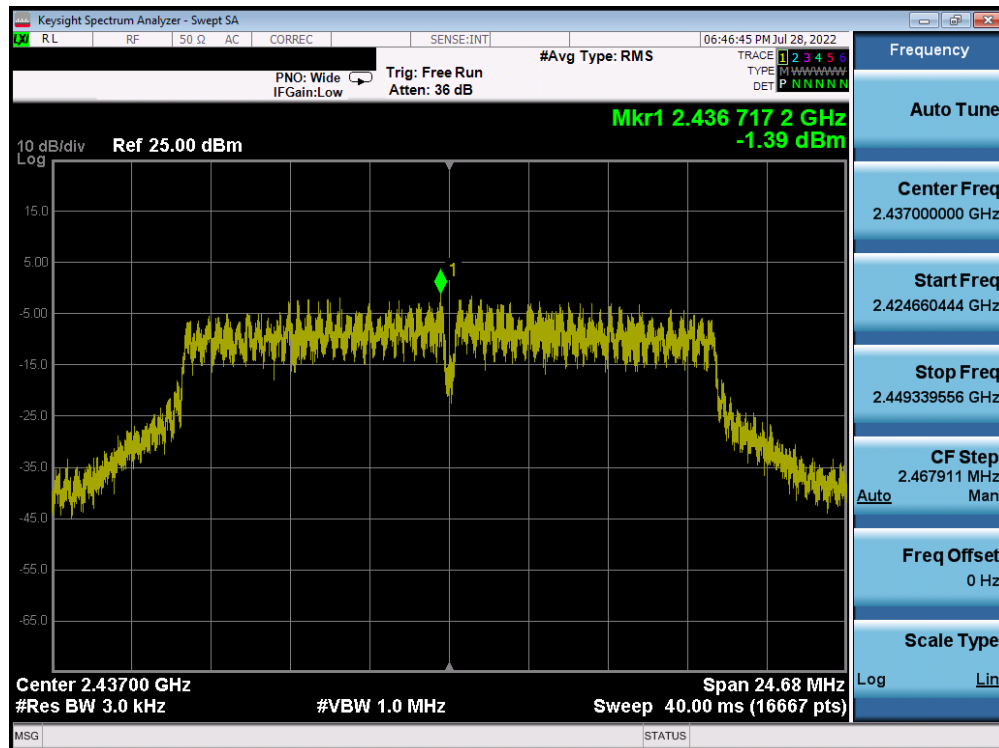
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 94 of 440

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Mid Data Rate



Plot 7-100. Power Spectral Density Plot Antenna 1a (802.11g – Ch. 1) – 24Mbps

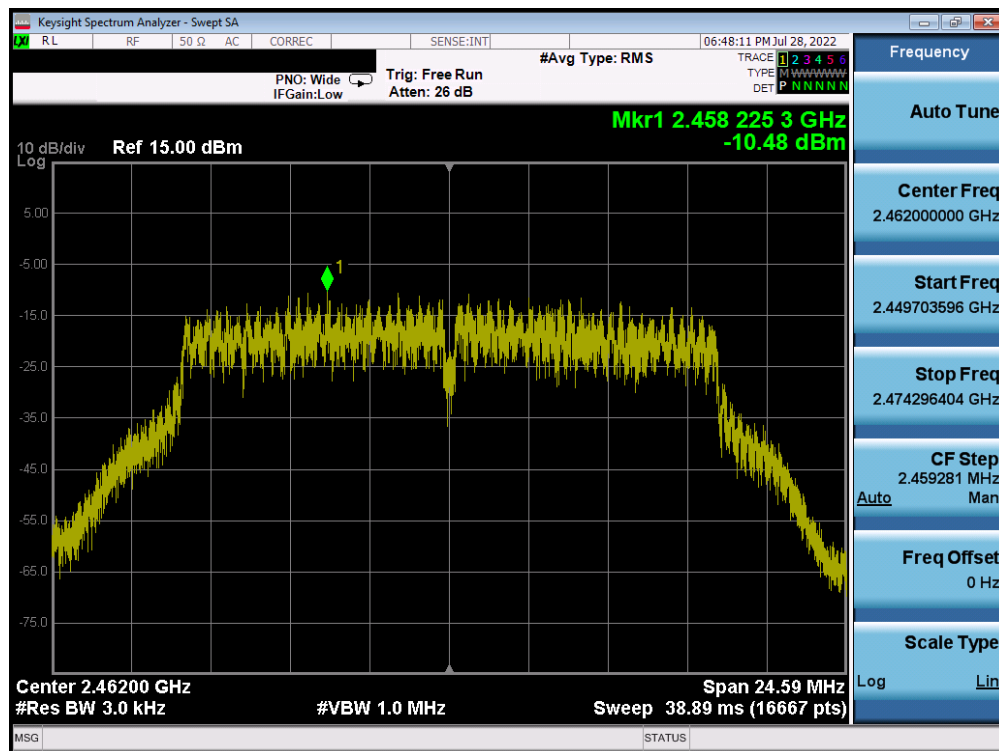


Plot 7-101. Power Spectral Density Plot Antenna 1a (802.11g – Ch. 6) – 24Mbps

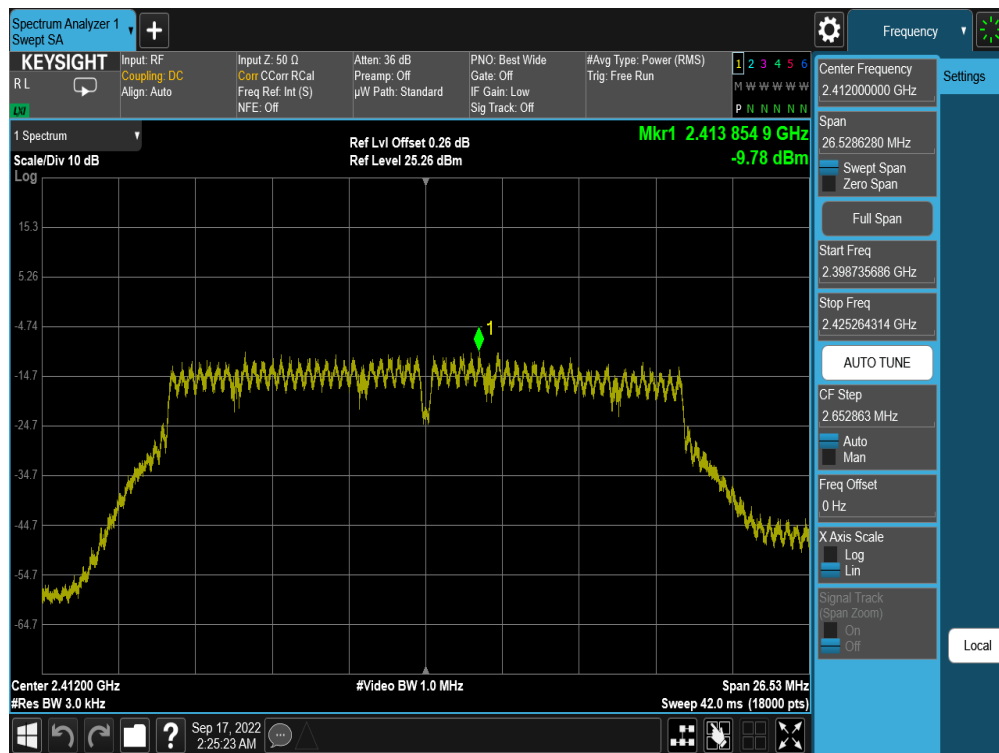
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-102. Power Spectral Density Plot Antenna 1a (802.11g – Ch. 11) – 24Mbps

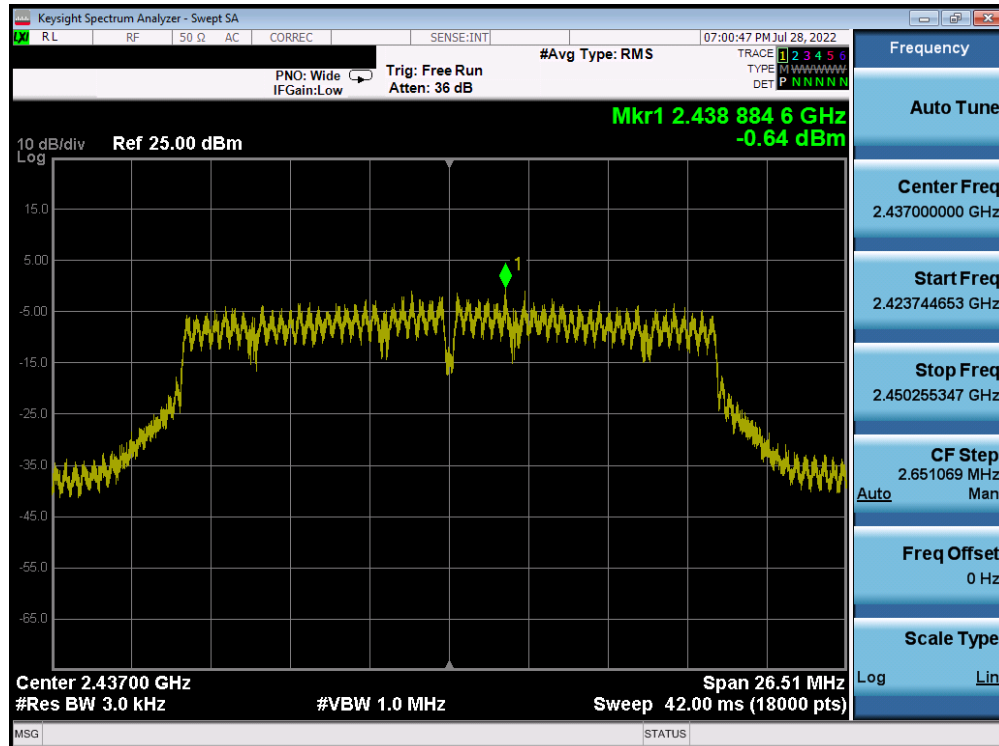


Plot 7-103. Power Spectral Density Plot Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MCS4

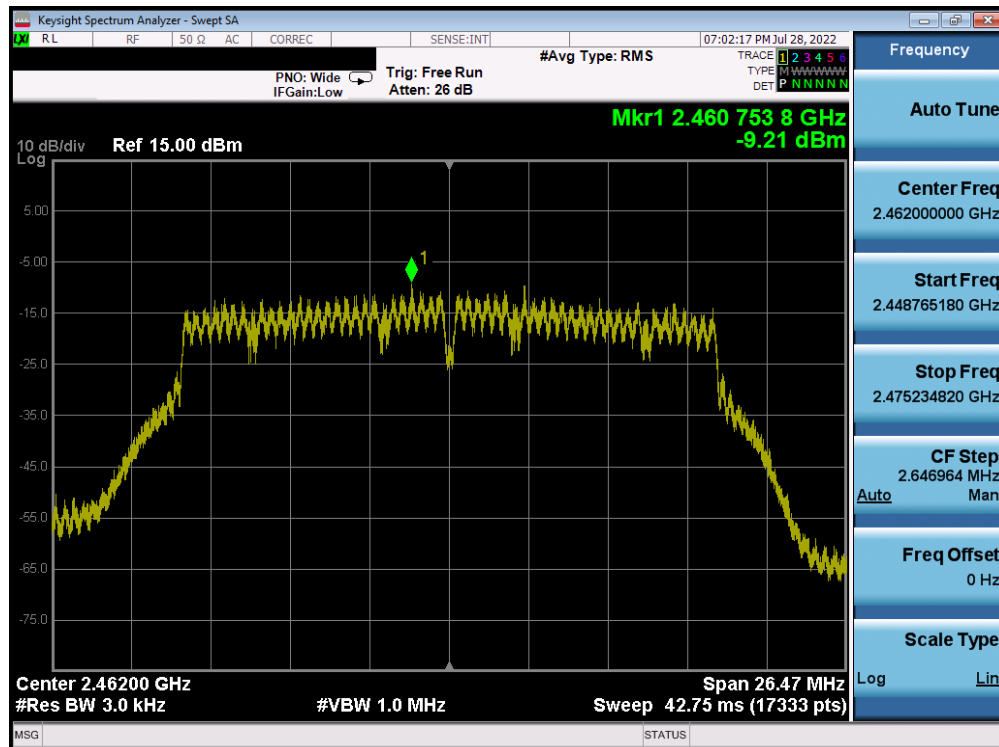
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 96 of 440

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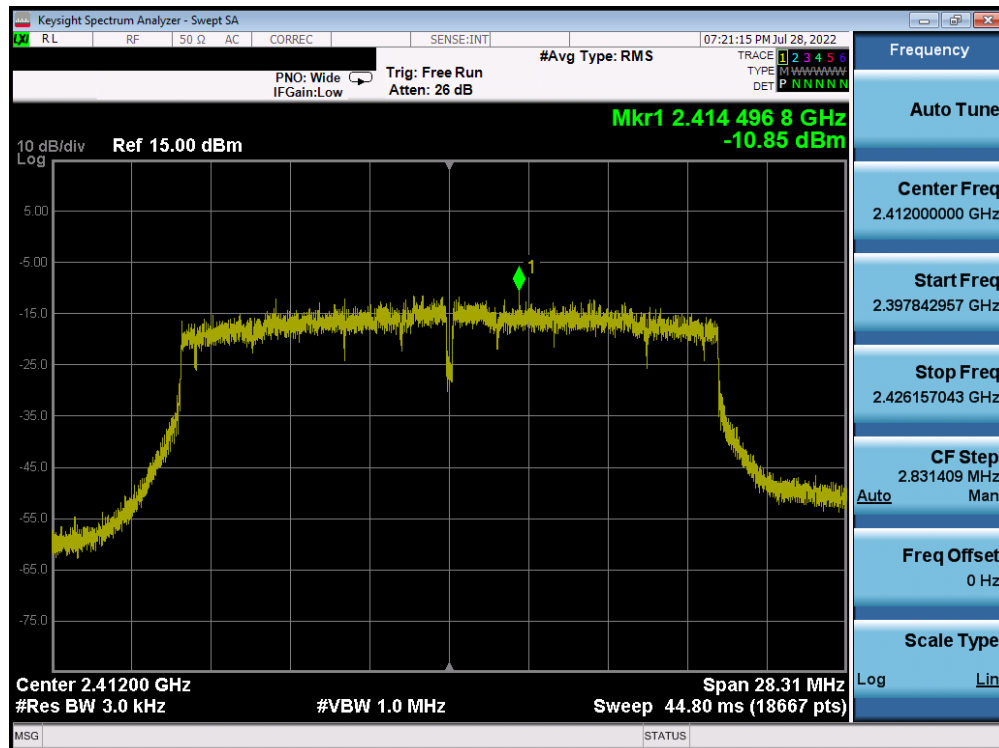
Plot 7-104. Power Spectral Density Plot Antenna 1a (802.11n (2.4GHz) – Ch. 6) – MCS4



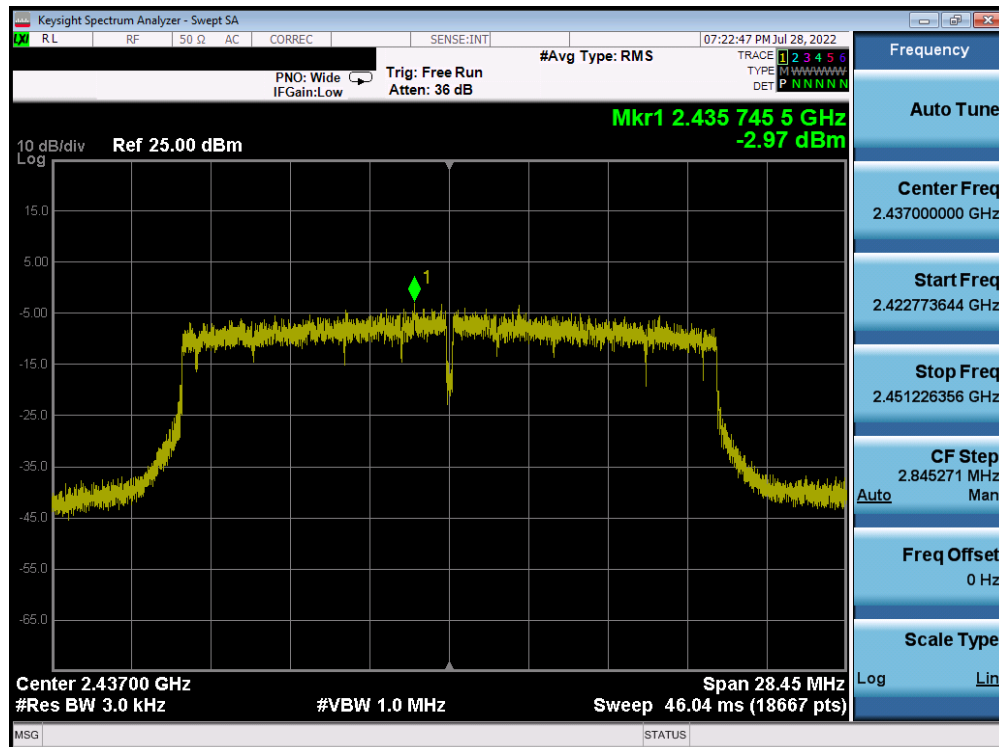
Plot 7-105. Power Spectral Density Plot Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS4

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 97 of 440

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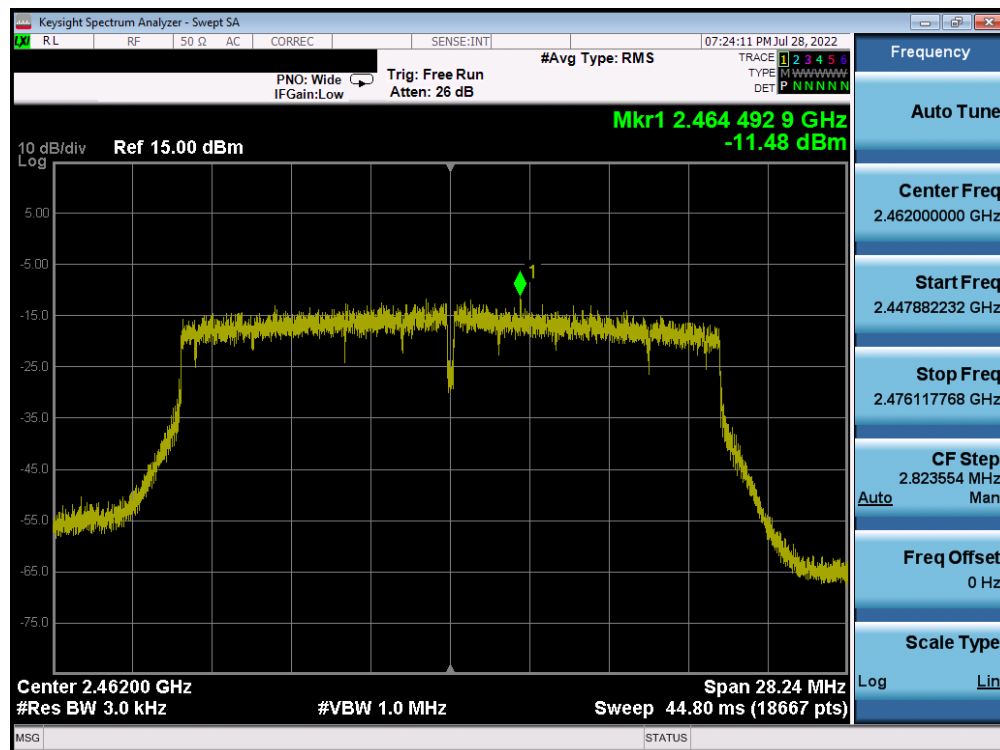
Plot 7-106. Power Spectral Density Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4



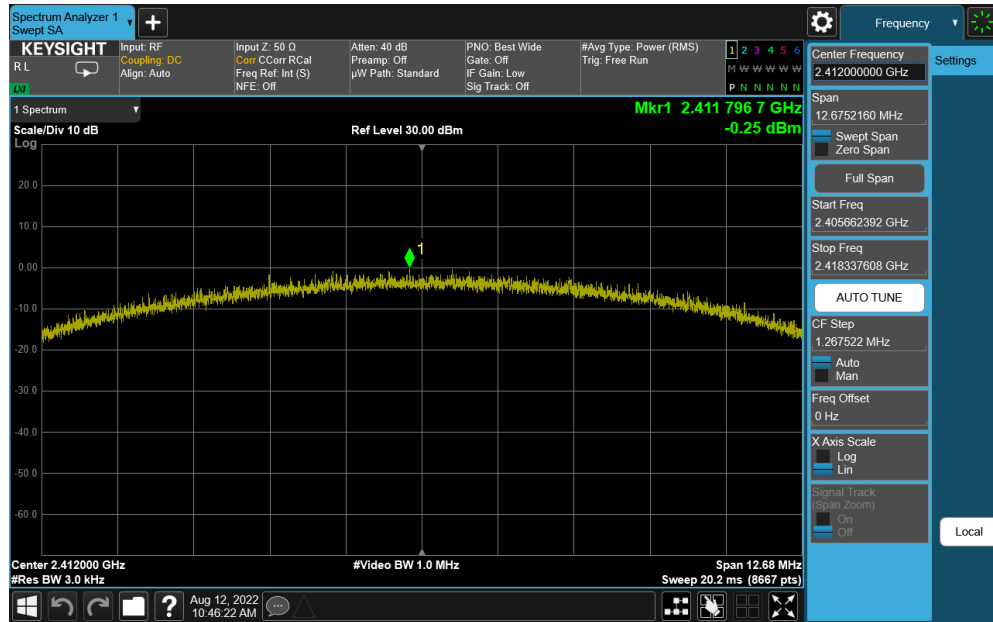
Plot 7-107. Power Spectral Density Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 98 of 440

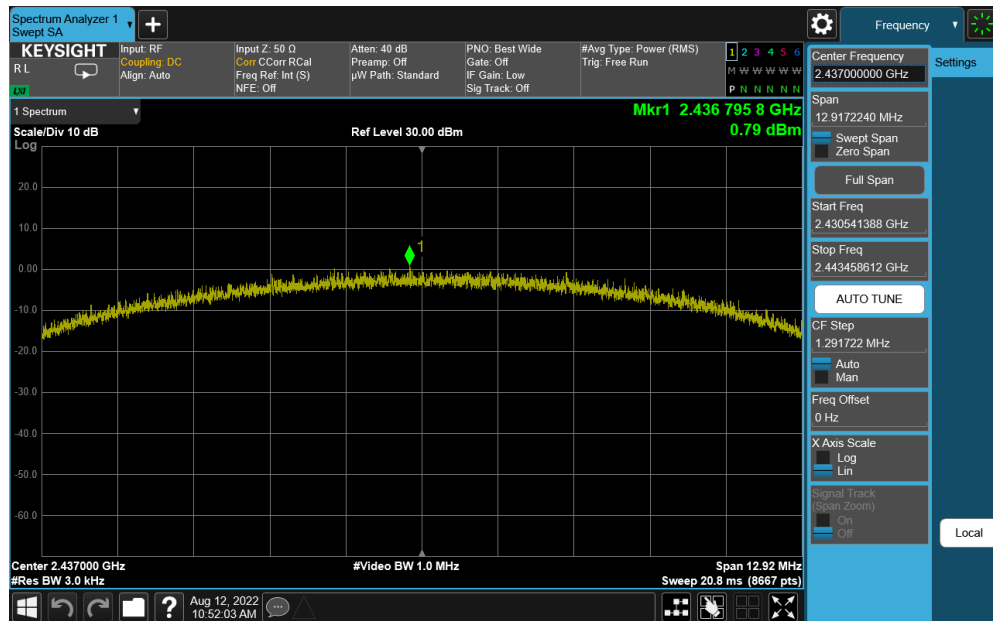
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High Data Rate



Plot 7-109. Power Spectral Density Plot Antenna 1a (802.11b – Ch. 1) – 11Mbps

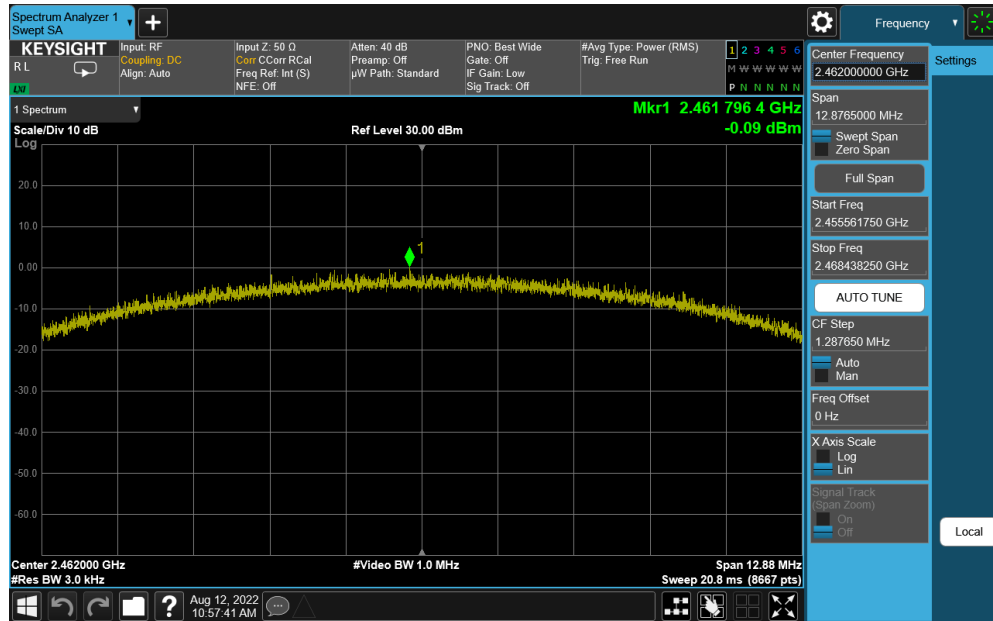


Plot 7-110. Power Spectral Density Plot Antenna 1a (802.11b – Ch. 6) – 11Mbps

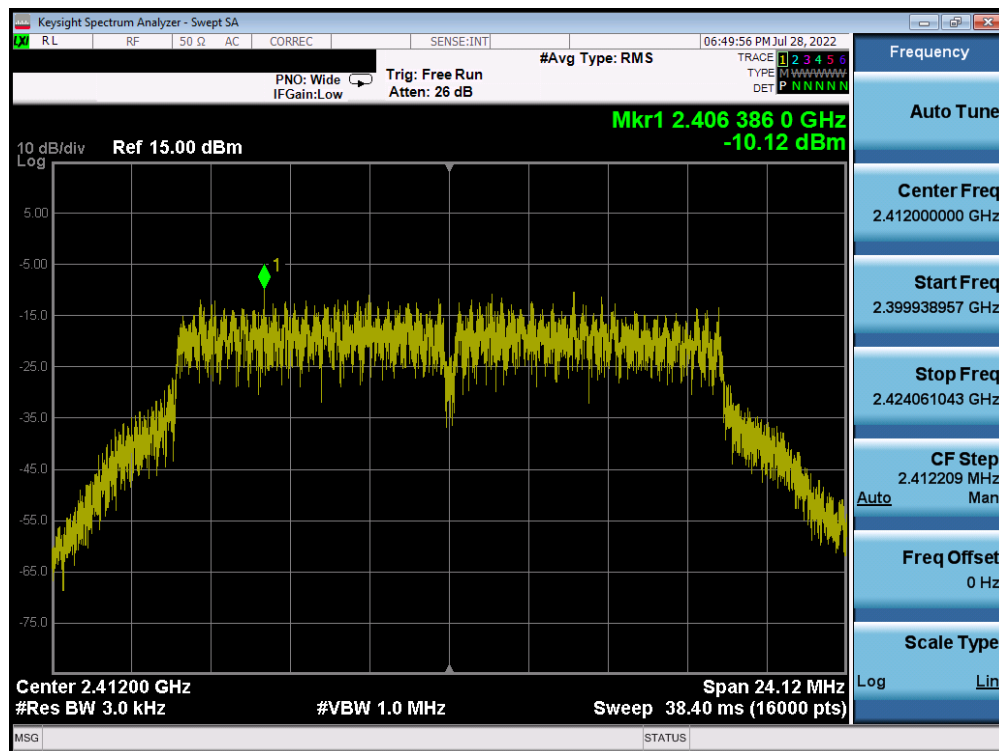
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 100 of 440

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Plot 7-111. Power Spectral Density Plot Antenna 1a (802.11b – Ch. 11) – 11Mbps

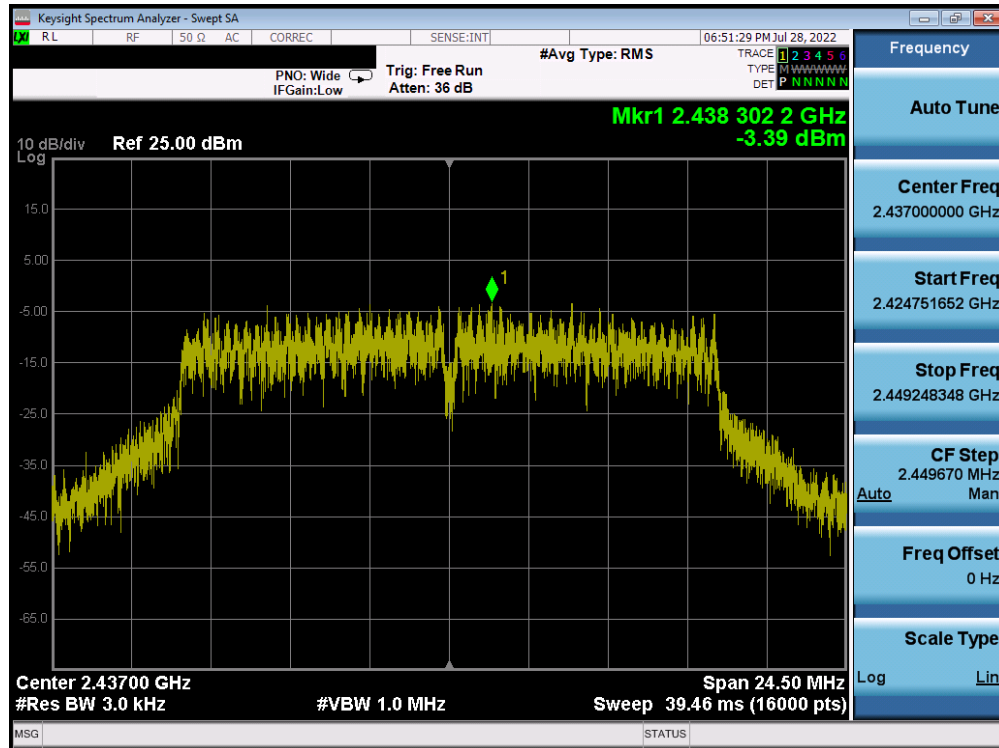


Plot 7-112. Power Spectral Density Plot Antenna 1a (802.11g – Ch. 1) – 36Mbps

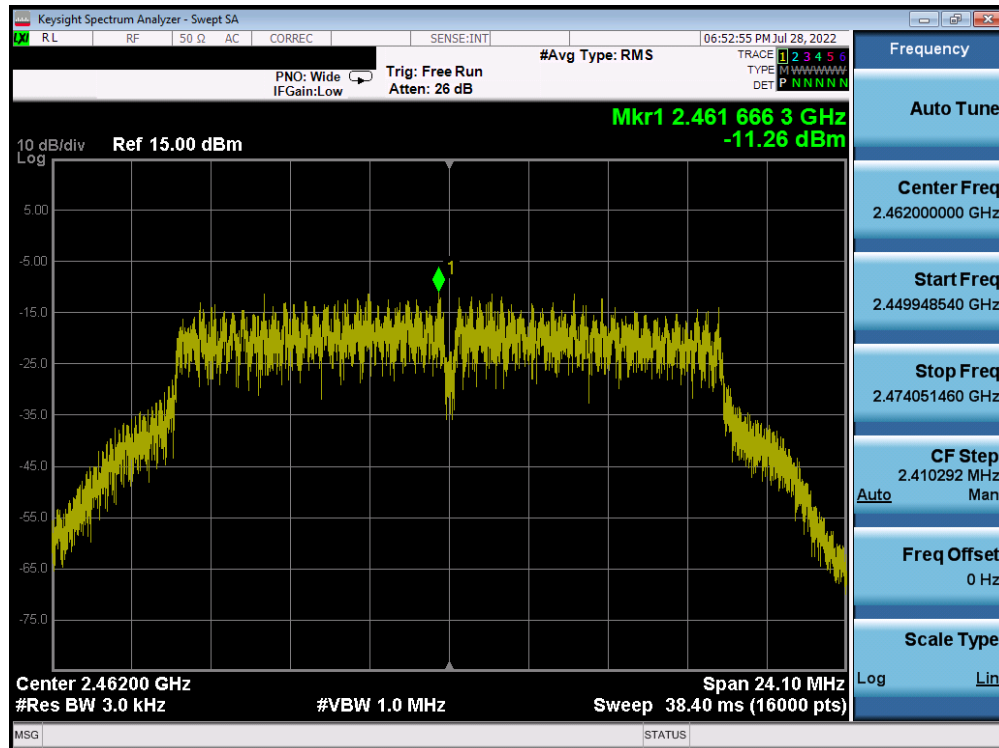
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 101 of 440

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Plot 7-113. Power Spectral Density Plot Antenna 1a (802.11g – Ch. 6) – 36Mbps

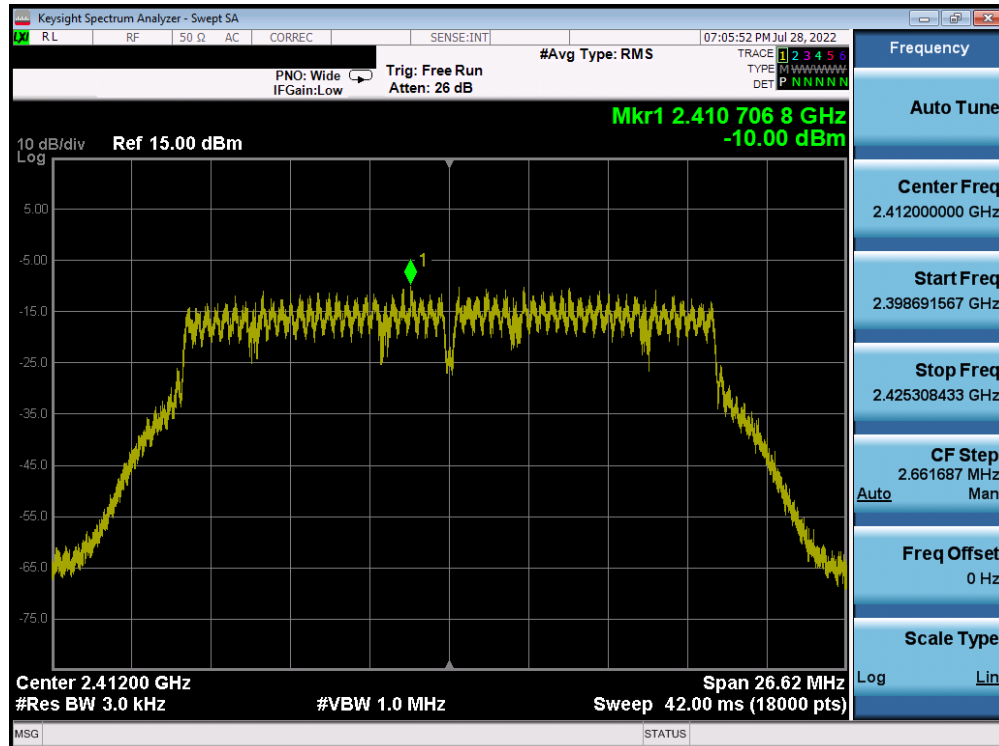


Plot 7-114. Power Spectral Density Plot Antenna 1a (802.11g – Ch. 11) – 36Mbps

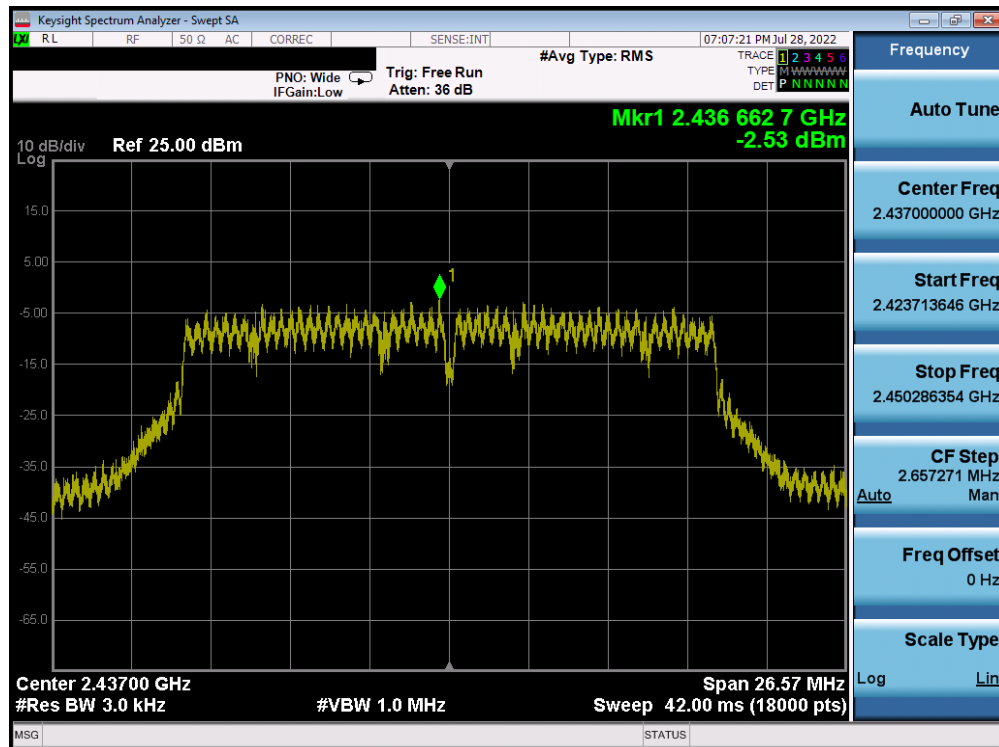
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 102 of 440

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Plot 7-115. Power Spectral Density Plot Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MCS5

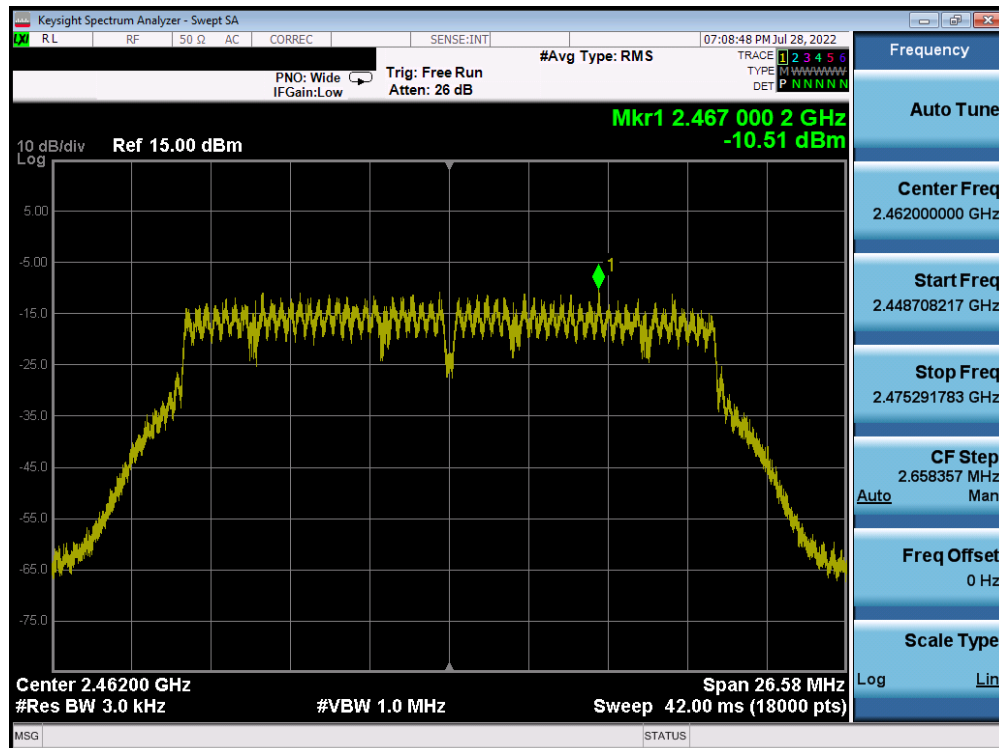


Plot 7-116. Power Spectral Density Plot Antenna 1a (802.11n (2.4GHz) – Ch. 6) – MCS5

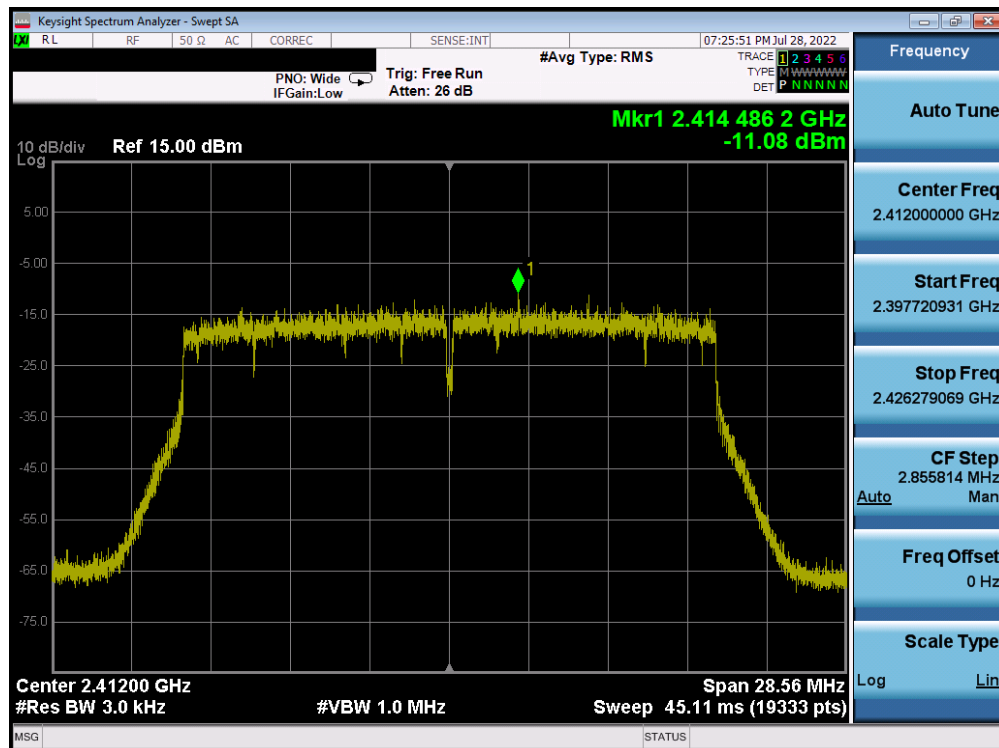
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 103 of 440

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Plot 7-117. Power Spectral Density Plot Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS5

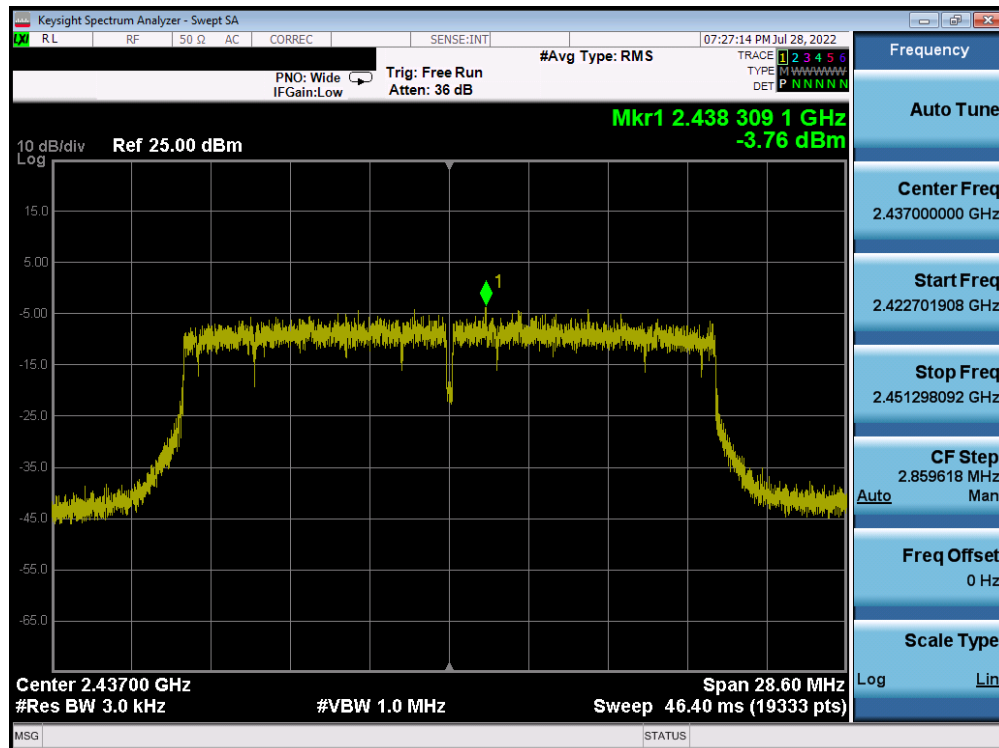


Plot 7-118. Power Spectral Density Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS5

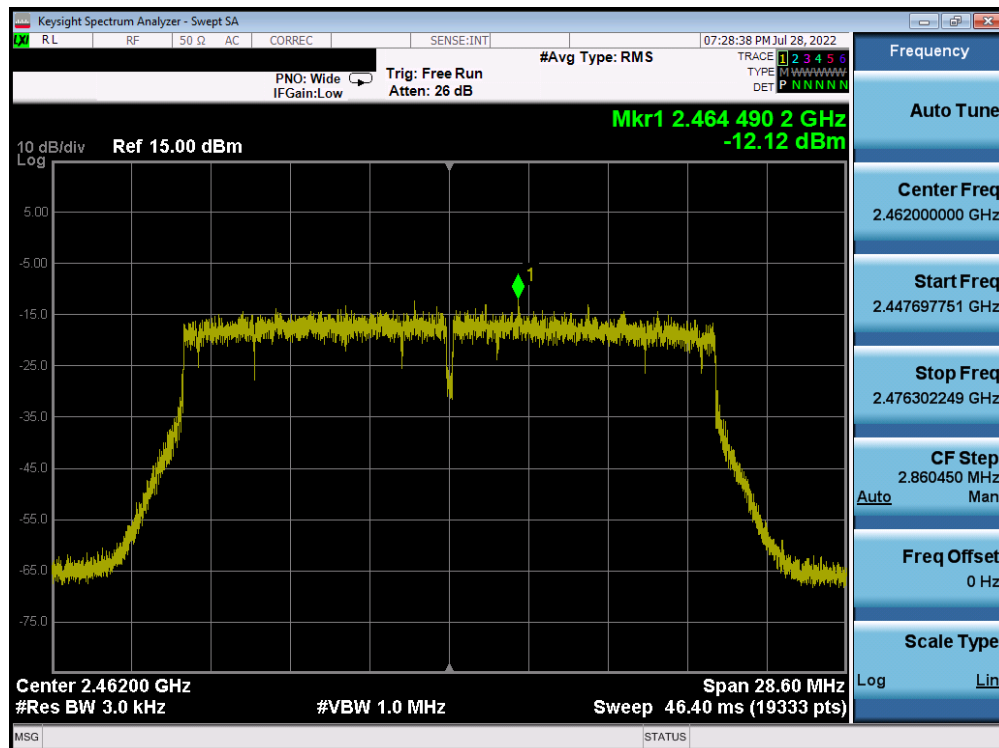
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 104 of 440

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Plot 7-119. Power Spectral Density Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS5



Plot 7-120. Power Spectral Density Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS5

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 105 of 440

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CDD Power Spectral Density Measurements

Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Antenna 3a Power Spectral Density [dBm / 3kHz]	Antenna 1a Power Spectral Density [dBm / 3kHz]	Summed CDD Power Spectral Density [dBm / 3kHz]	Maximum Permissible Power Density [dBm / 3kHz]	Margin [dB]	Pass / Fail
2412	1	g	12	-8.92	-9.16	-6.03	8.00	-14.03	Pass
2437	6	g	12	-2.29	-1.10	1.36	8.00	-6.64	Pass
2462	11	g	12	-9.98	-9.97	-6.97	8.00	-14.97	Pass
2412	1	n	39/43.3 (MCS10)	-9.45	-8.95	-6.18	8.00	-14.18	Pass
2437	6	n	39/43.3 (MCS10)	-1.36	-0.78	1.95	8.00	-6.05	Pass
2462	11	n	39/43.3 (MCS10)	-11.17	-10.16	-7.63	8.00	-15.63	Pass
2412	1	ax (SU)	48/51.6 (MCS2)	-12.30	-11.82	-9.04	8.00	-17.04	Pass
2437	6	ax (SU)	48/51.6 (MCS2)	-3.57	-2.62	-0.06	8.00	-8.06	Pass
2462	11	ax (SU)	48/51.6 (MCS2)	-11.48	-12.02	-8.73	8.00	-16.73	Pass

Table 7-44. CDD Conducted Power Density Measurements (Low Data Rate)

Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Antenna 3a Power Spectral Density [dBm / 3kHz]	Antenna 1a Power Spectral Density [dBm / 3kHz]	Summed CDD Power Spectral Density [dBm / 3kHz]	Maximum Permissible Power Density [dBm / 3kHz]	Margin [dB]	Pass / Fail
2412	1	g	24	-10.02	-10.06	-7.03	8.00	-15.03	Pass
2437	6	g	24	-2.13	-0.87	1.56	8.00	-6.44	Pass
2462	11	g	24	-9.52	-10.51	-6.98	8.00	-14.98	Pass
2412	1	n	78/86.7 (MCS12)	-9.66	-9.39	-6.51	8.00	-14.51	Pass
2437	6	n	78/86.7 (MCS12)	-1.16	-1.41	1.73	8.00	-6.27	Pass
2462	11	n	78/86.7 (MCS12)	-8.25	-9.30	-5.73	8.00	-13.73	Pass
2412	1	ax (SU)	98/103.2 (MCS4)	-11.19	-11.69	-8.42	8.00	-16.42	Pass
2437	6	ax (SU)	98/103.2 (MCS4)	-2.88	-3.44	-0.14	8.00	-8.14	Pass
2462	11	ax (SU)	98/103.2 (MCS4)	-10.86	-11.52	-8.16	8.00	-16.16	Pass

Table 7-45. CDD Conducted Power Density Measurements (Mid Data Rate)

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 106 of 440

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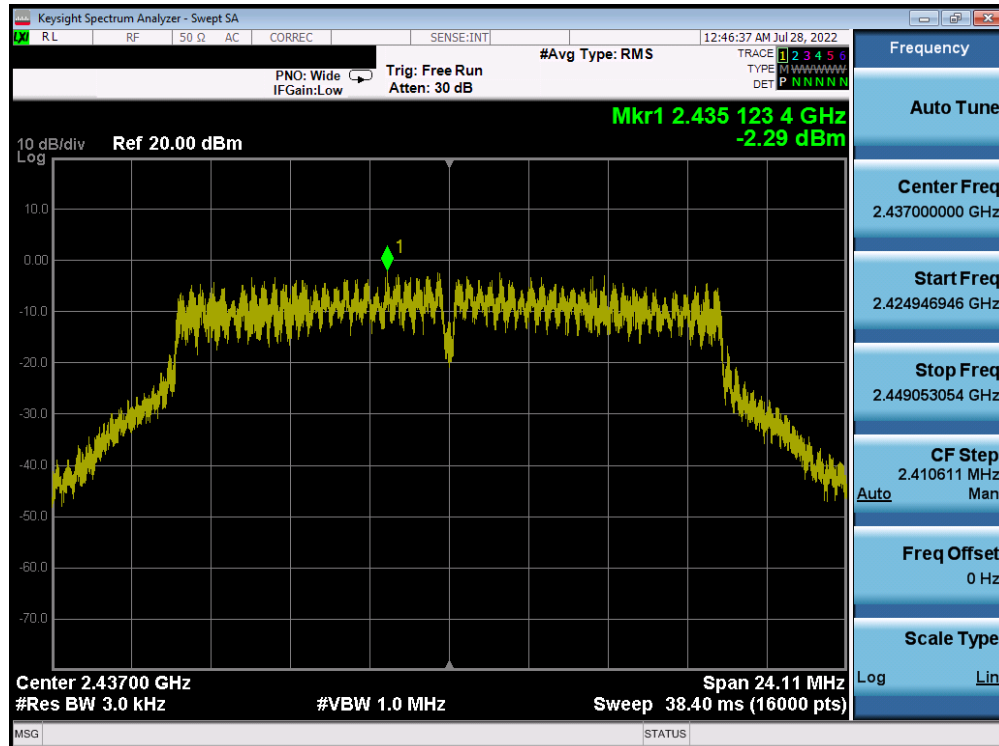
Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Antenna 3a Power Spectral Density [dBm / 3kHz]	Antenna 1a Power Spectral Density [dBm / 3kHz]	Summed CDD Power Spectral Density [dBm / 3kHz]	Maximum Permissible Power Density [dBm / 3kHz]	Margin [dB]	Pass / Fail
2412	1	g	36	-11.05	-10.28	-7.63	8.00	-15.63	Pass
2437	6	g	36	-4.64	-3.44	-0.99	8.00	-8.99	Pass
2462	11	g	36	-10.96	-10.86	-7.90	8.00	-15.90	Pass
2412	1	n	104/115.6 (MCS13)	-10.51	-9.62	-7.03	8.00	-15.03	Pass
2437	6	n	104/115.6 (MCS13)	-3.57	-2.19	0.19	8.00	-7.81	Pass
2462	11	n	104/115.6 (MCS13)	-9.93	-9.80	-6.85	8.00	-14.85	Pass
2412	1	ax (SU)	130/137.6 (MCS5)	-11.48	-12.05	-8.75	8.00	-16.75	Pass
2437	6	ax (SU)	130/137.6 (MCS5)	-4.56	-4.39	-1.46	8.00	-9.46	Pass
2462	11	ax (SU)	130/137.6 (MCS5)	-12.46	-12.41	-9.42	8.00	-17.42	Pass

Table 7-46. CDD Conducted Power Density Measurements (High Data Rate)

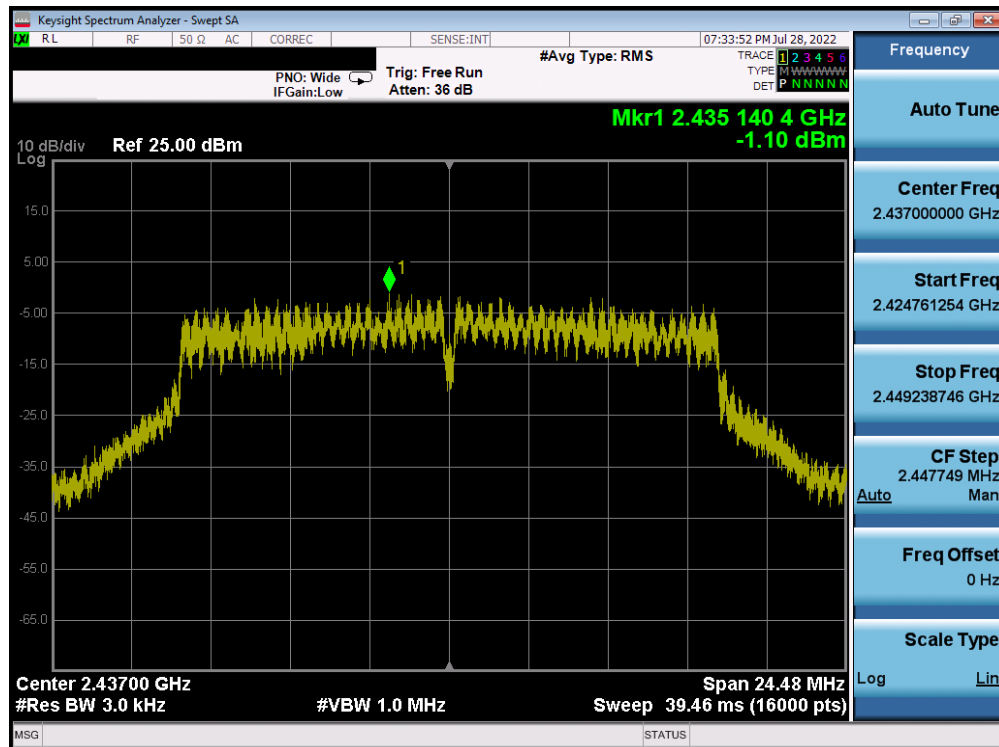
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 107 of 440

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Plot 7-123. Power Spectral Density Plot CDD Antenna 3a (802.11g – Ch. 6) – 12Mbps

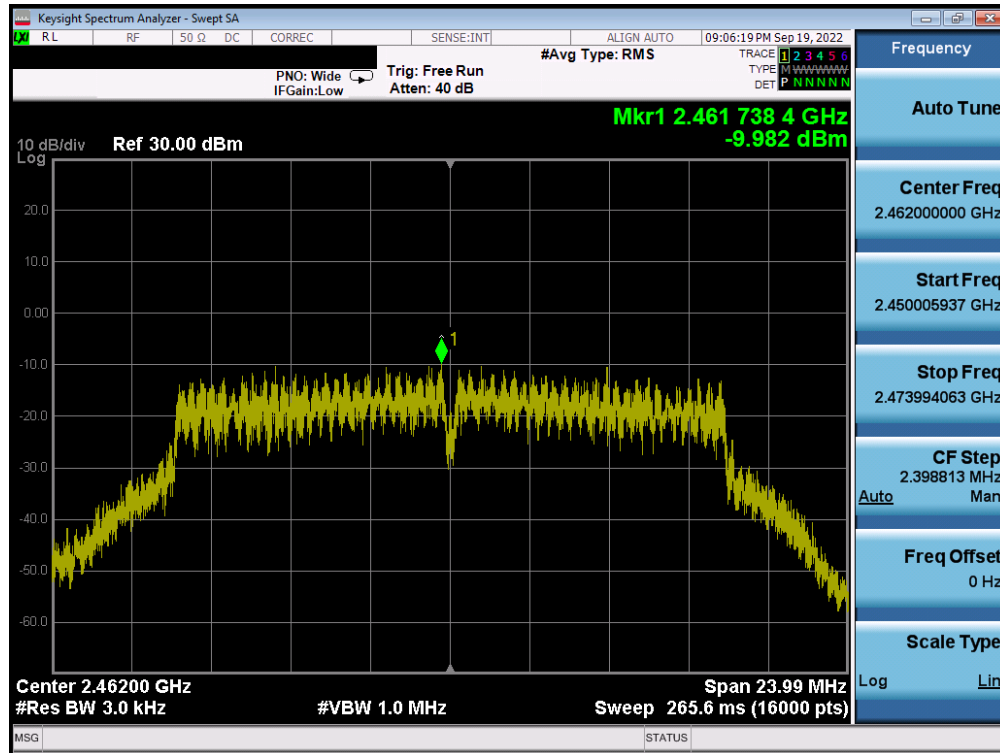


Plot 7-124. Power Spectral Density Plot CDD Antenna 1a (802.11g – Ch. 6) – 12Mbps

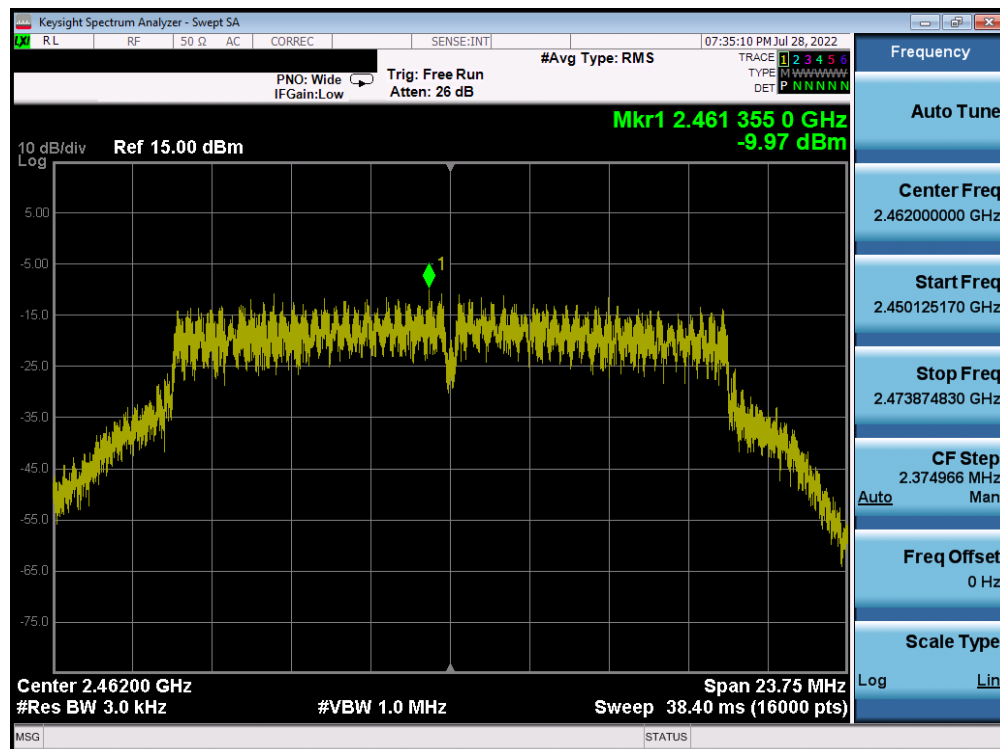
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 109 of 440

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Plot 7-125. Power Spectral Density Plot CDD Antenna 3a (802.11g – Ch. 11) – 12Mbps

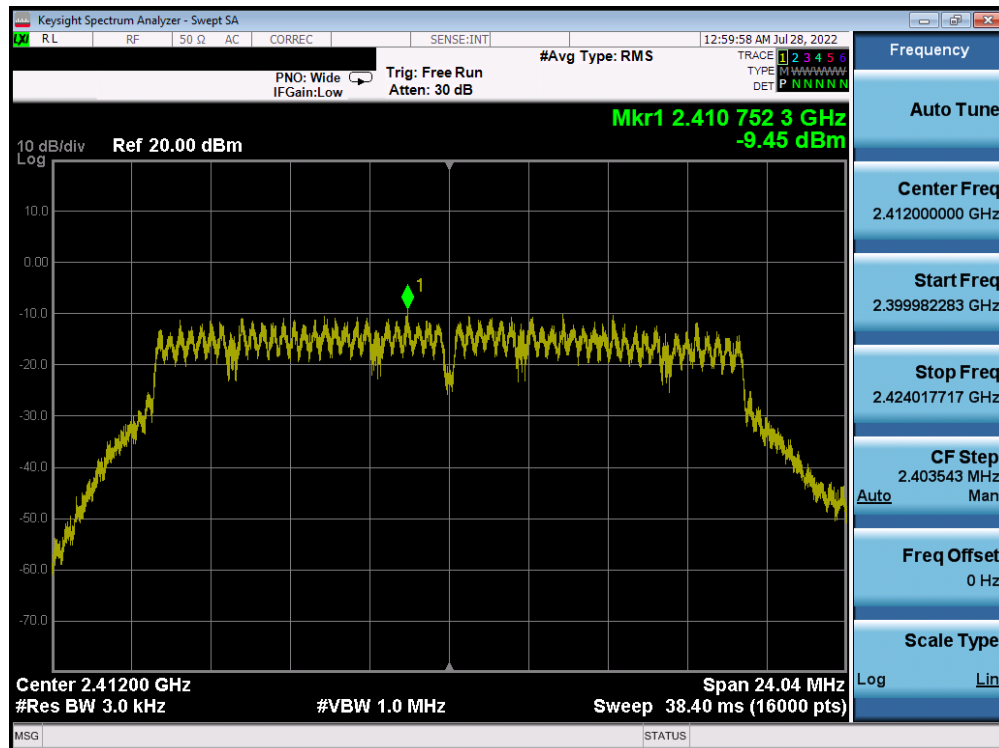


Plot 7-126. Power Spectral Density Plot CDD Antenna 1a (802.11g – Ch. 11) – 12Mbps

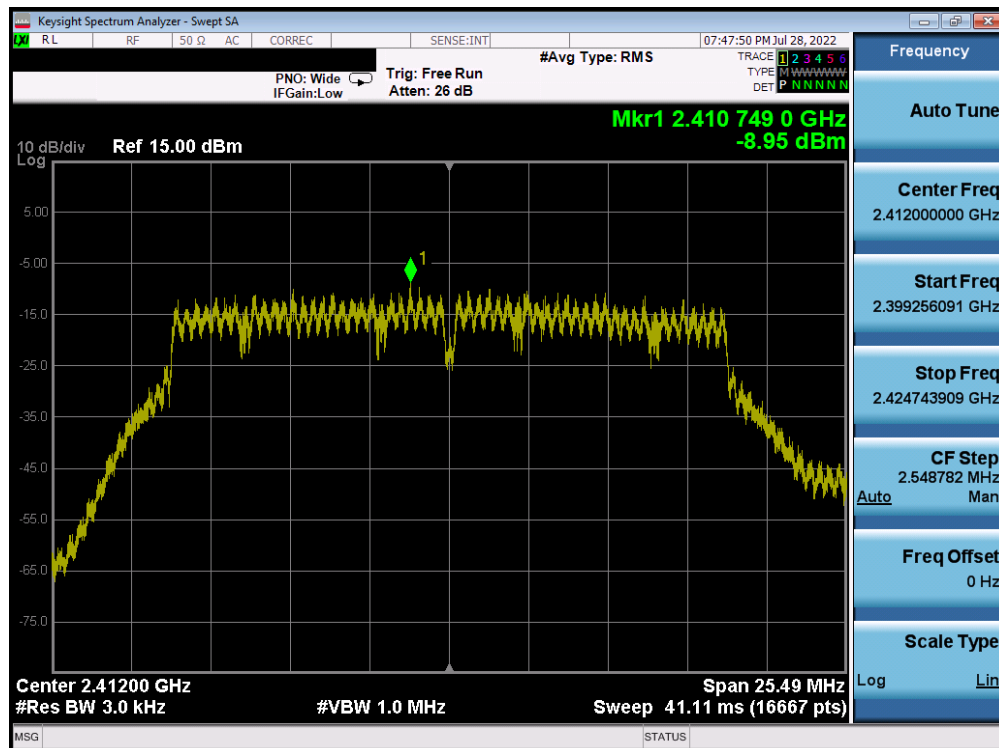
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 110 of 440

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Plot 7-127. Power Spectral Density Plot CDD Antenna 3a (802.11n (2.4GHz) – Ch. 1) – MCS10

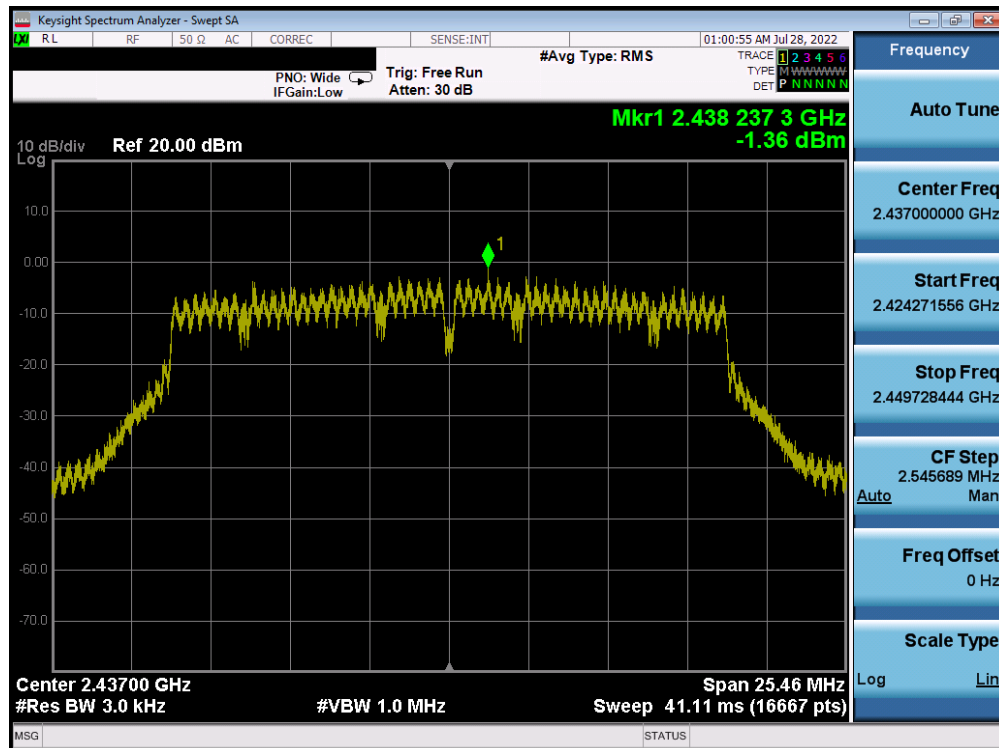


Plot 7-128. Power Spectral Density Plot CDD Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MCS10

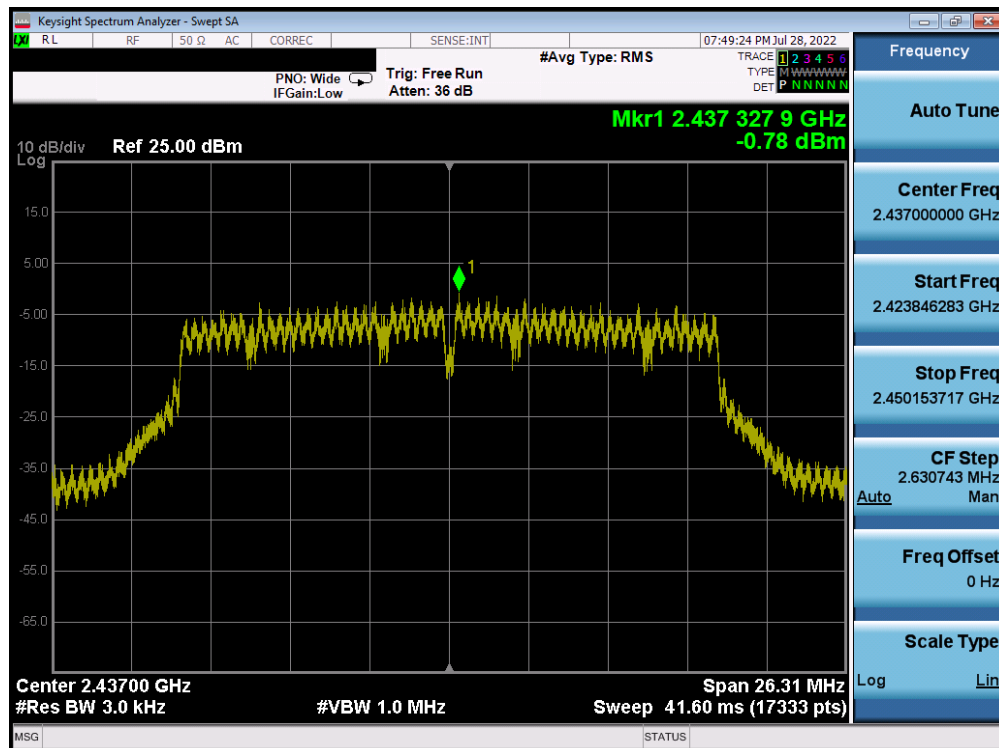
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 111 of 440

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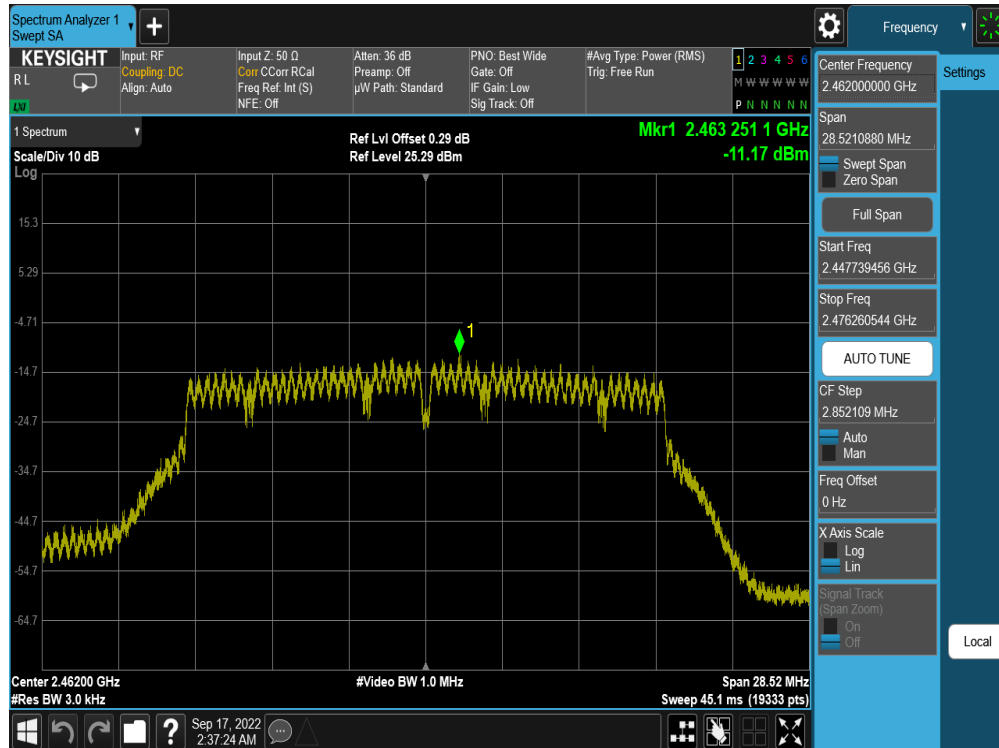
Plot 7-129. Power Spectral Density Plot CDD Antenna 3a (802.11n (2.4GHz) – Ch. 6) – MCS10



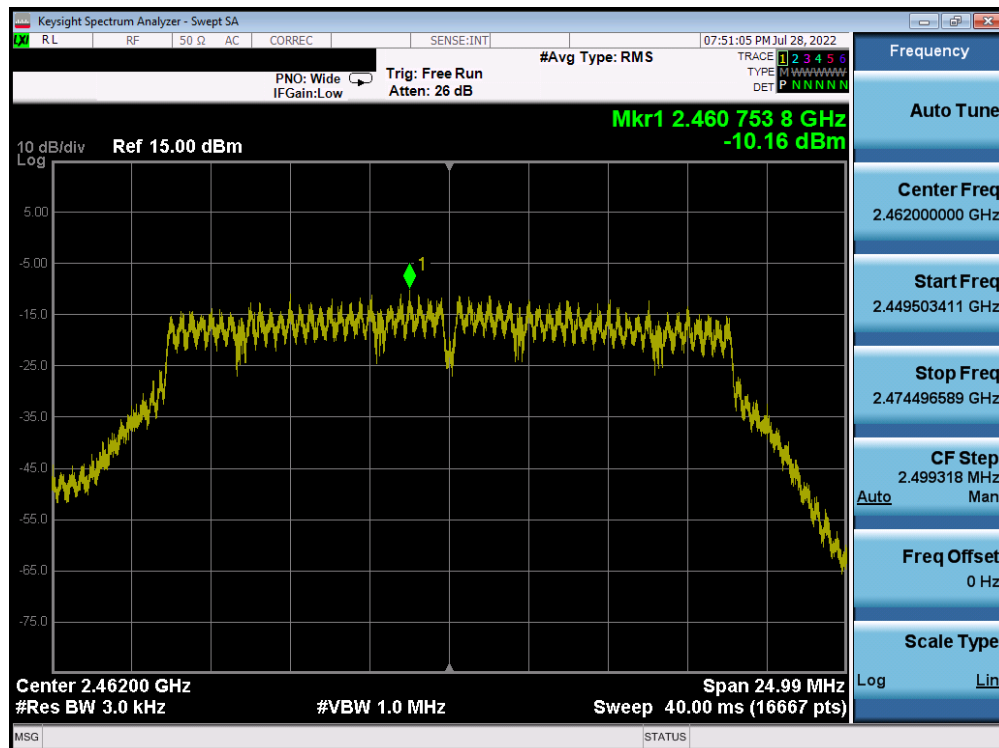
Plot 7-130. Power Spectral Density Plot CDD Antenna 1a (802.11n (2.4GHz) – Ch. 6) – MCS10

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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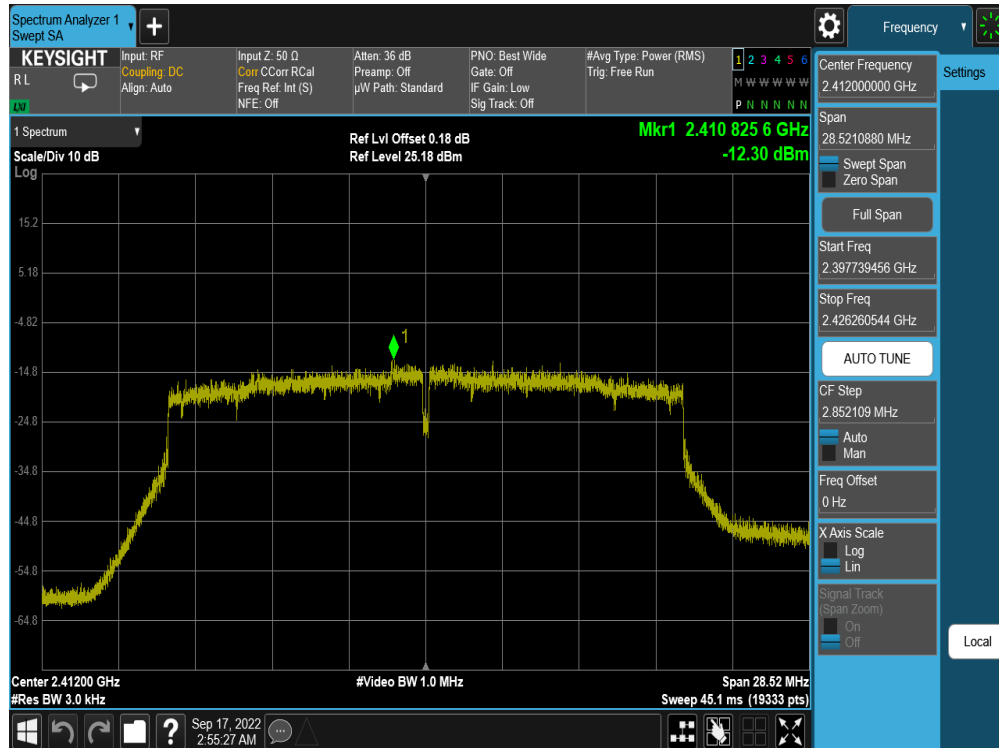


Plot 7-131. Power Spectral Density Plot CDD Antenna 3a (802.11n (2.4GHz) – Ch. 11) – MCS10

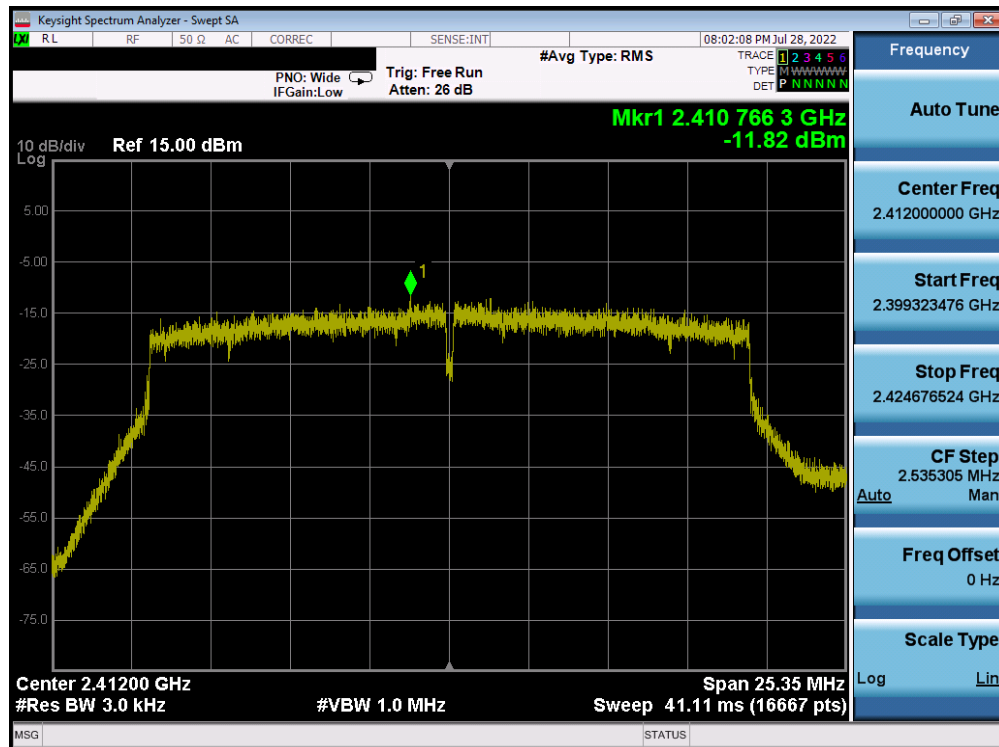


Plot 7-132. Power Spectral Density Plot CDD Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS10

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-133. Power Spectral Density Plot CDD Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2

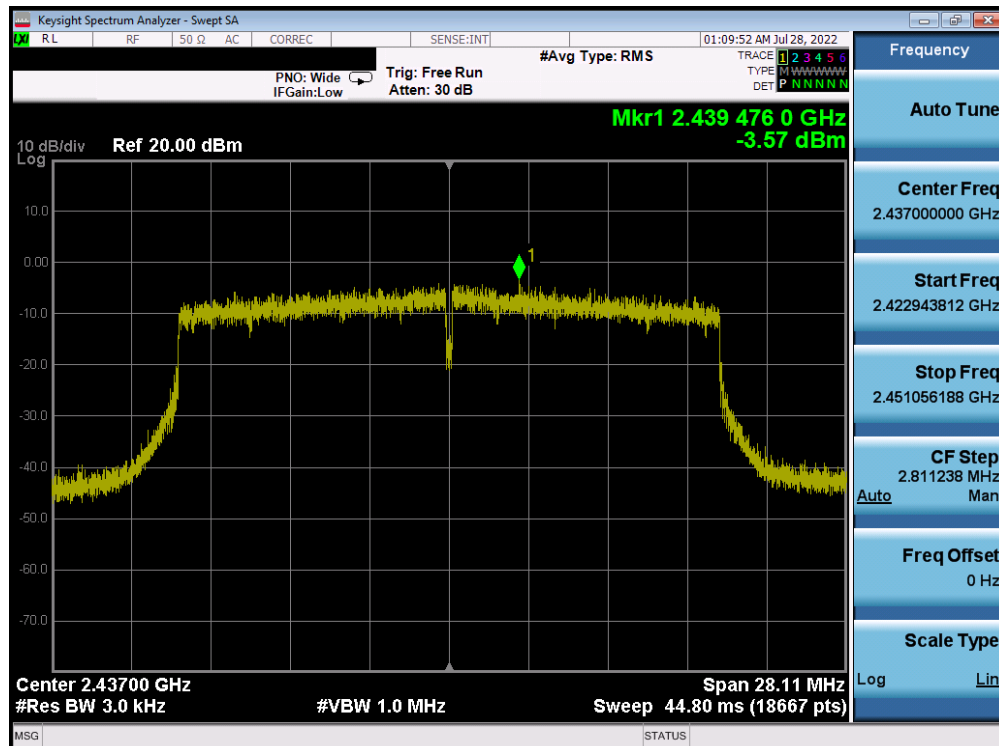


Plot 7-134. Power Spectral Density Plot CDD Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2

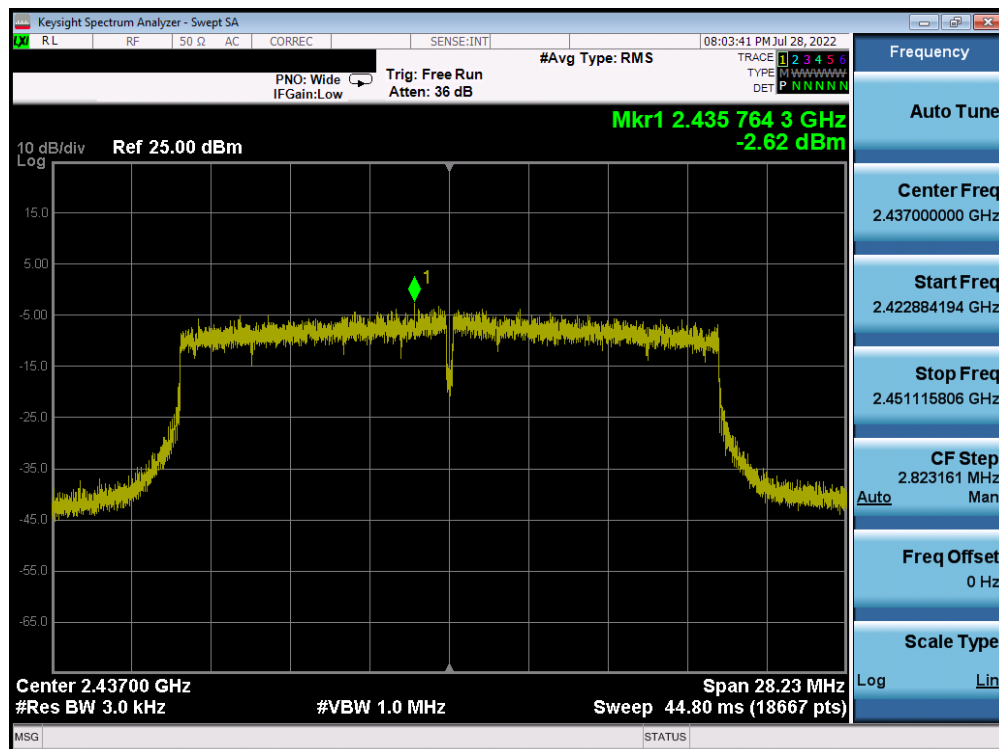
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 114 of 440

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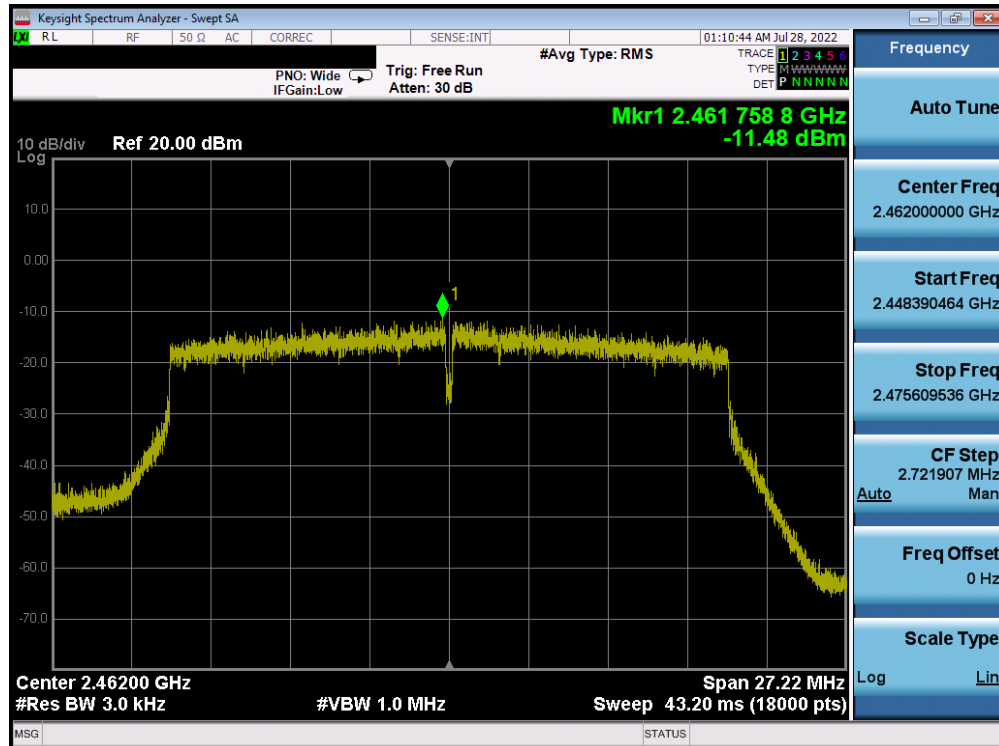
Plot 7-135. Power Spectral Density Plot CDD Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2



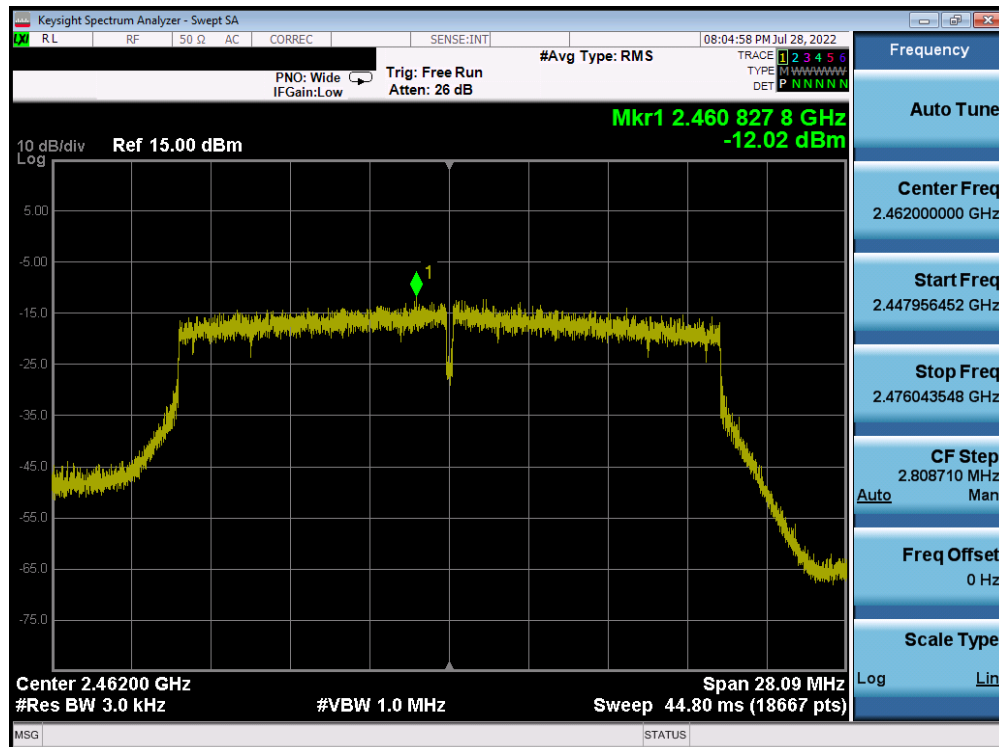
Plot 7-136. Power Spectral Density Plot CDD Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS2

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 115 of 440

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Plot 7-137. Power Spectral Density Plot CDD Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2



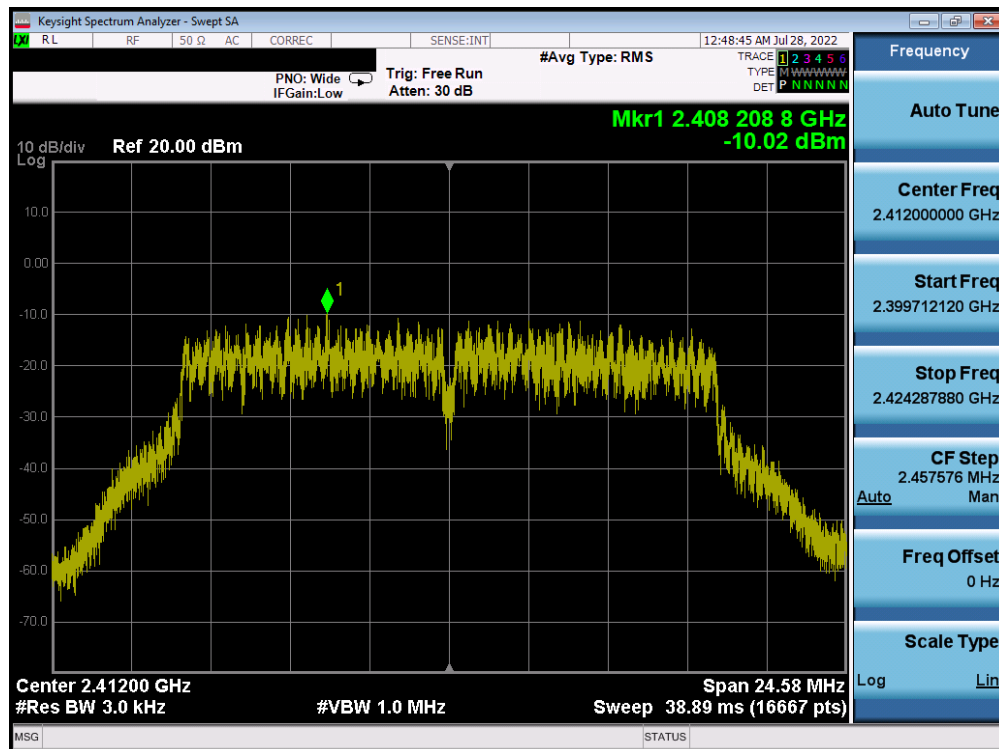
Plot 7-138. Power Spectral Density Plot CDD Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 116 of 440

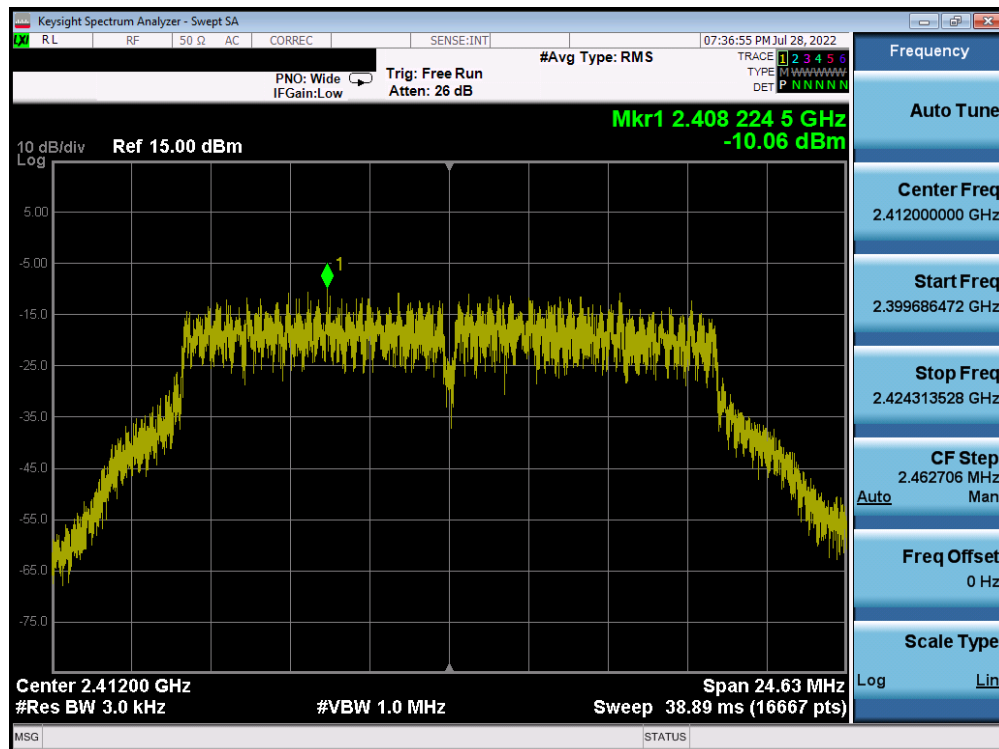
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Mid Data Rate



Plot 7-139. Power Spectral Density Plot CDD Antenna 3a (802.11g – Ch. 1) – 24Mbps

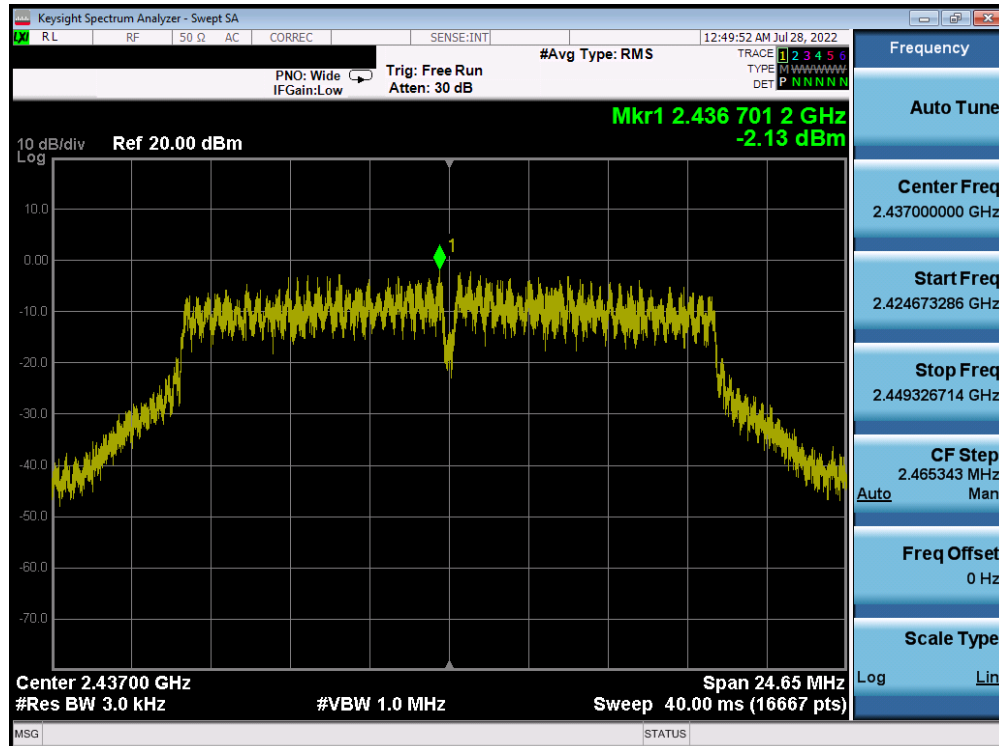


Plot 7-140. Power Spectral Density Plot CDD Antenna 1a (802.11g – Ch. 1) – 24Mbps

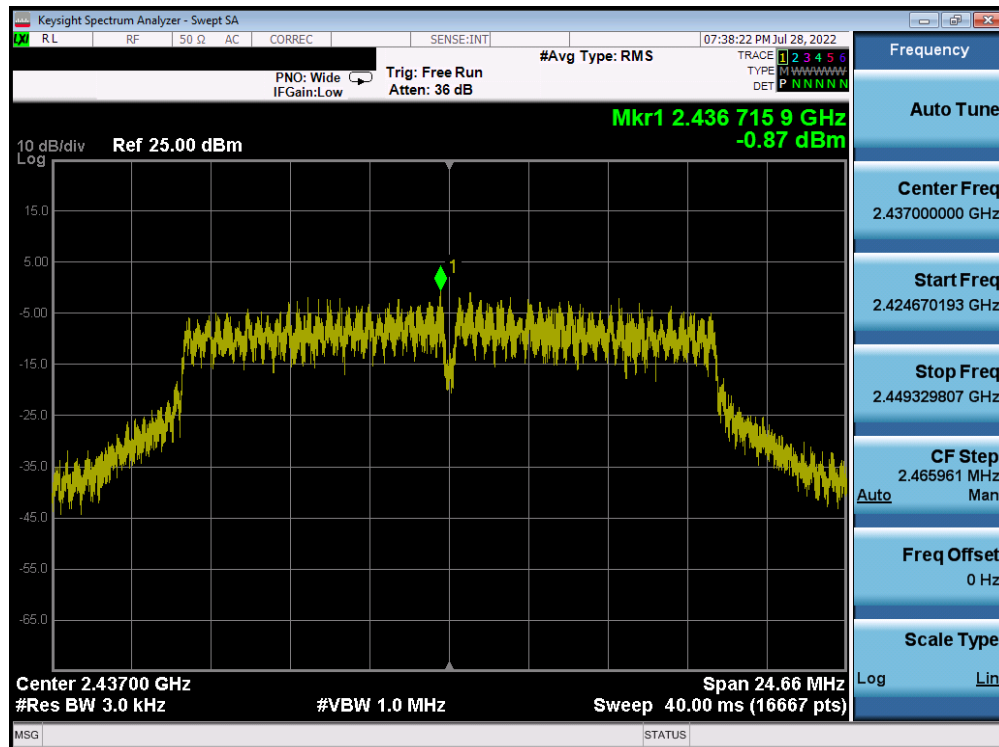
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 117 of 440

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Plot 7-141. Power Spectral Density Plot CDD Antenna 3a (802.11g – Ch. 6) – 24Mbps

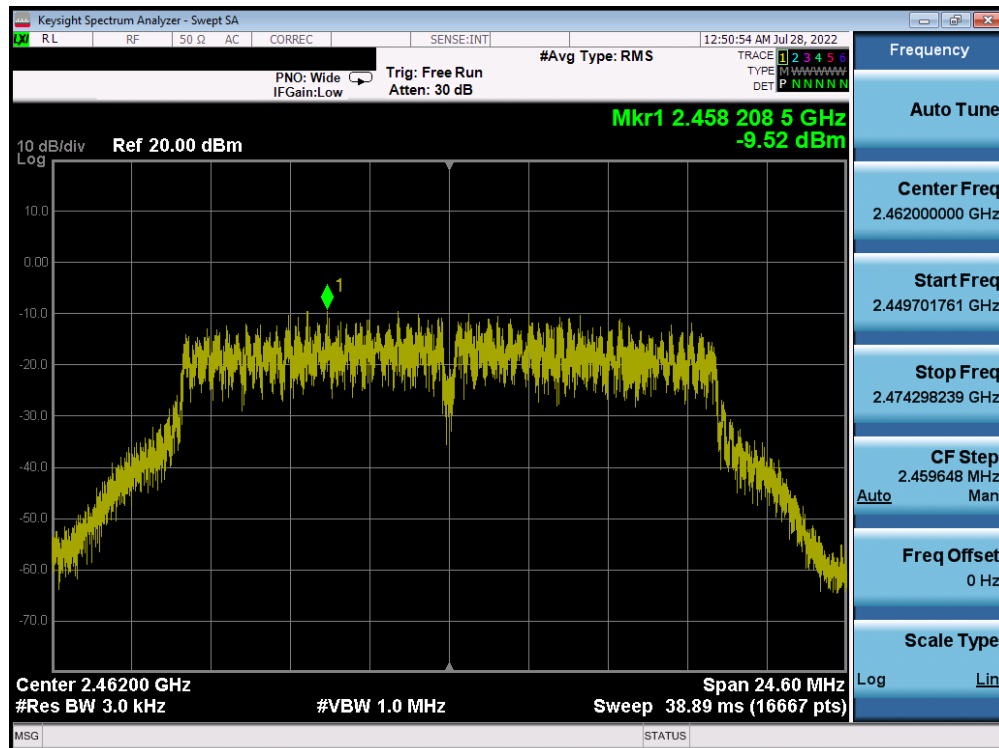


Plot 7-142. Power Spectral Density Plot CDD Antenna 1a (802.11g – Ch. 6) – 24Mbps

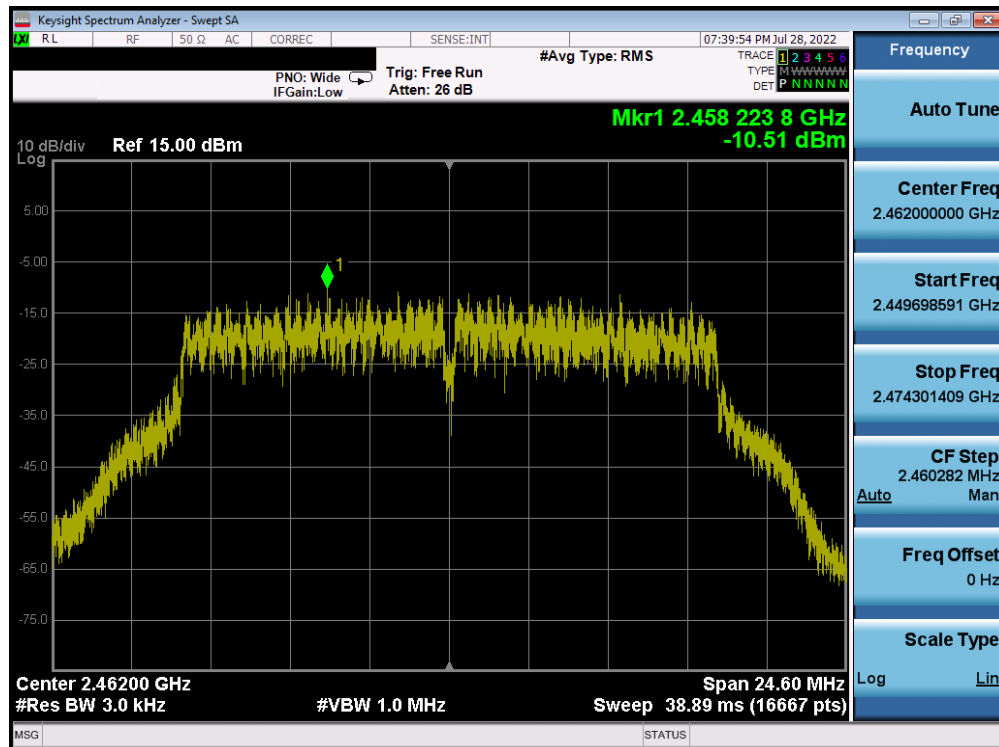
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 118 of 440

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Plot 7-143. Power Spectral Density Plot CDD Antenna 3a (802.11g – Ch. 11) – 24Mbps

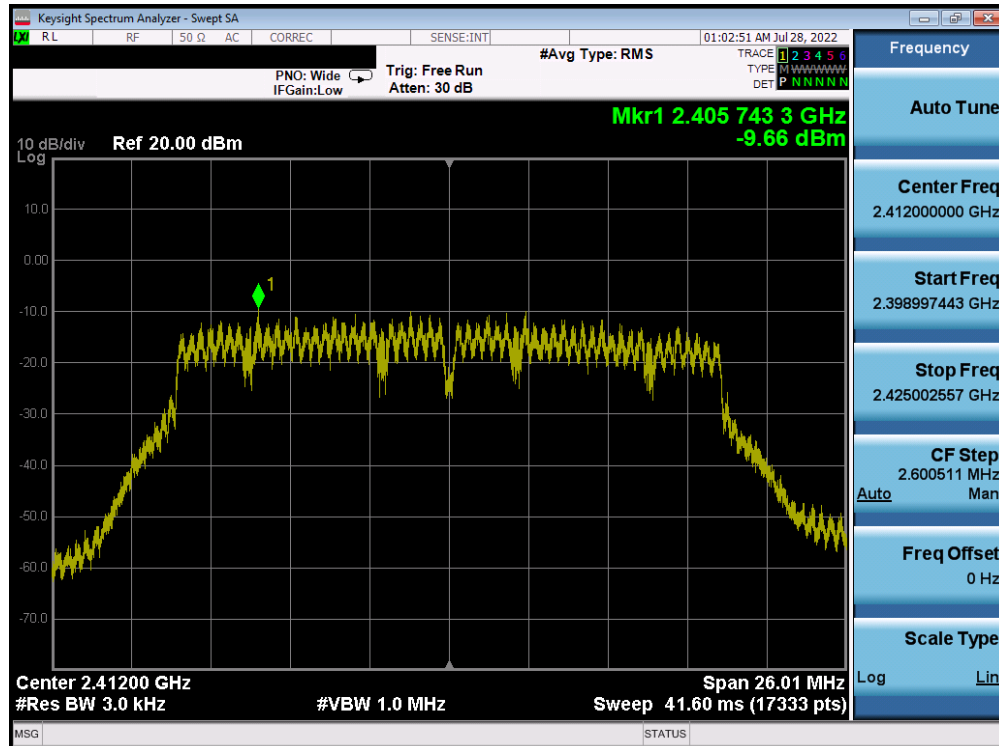


Plot 7-144. Power Spectral Density Plot CDD Antenna 1a (802.11g – Ch. 11) – 24Mbps

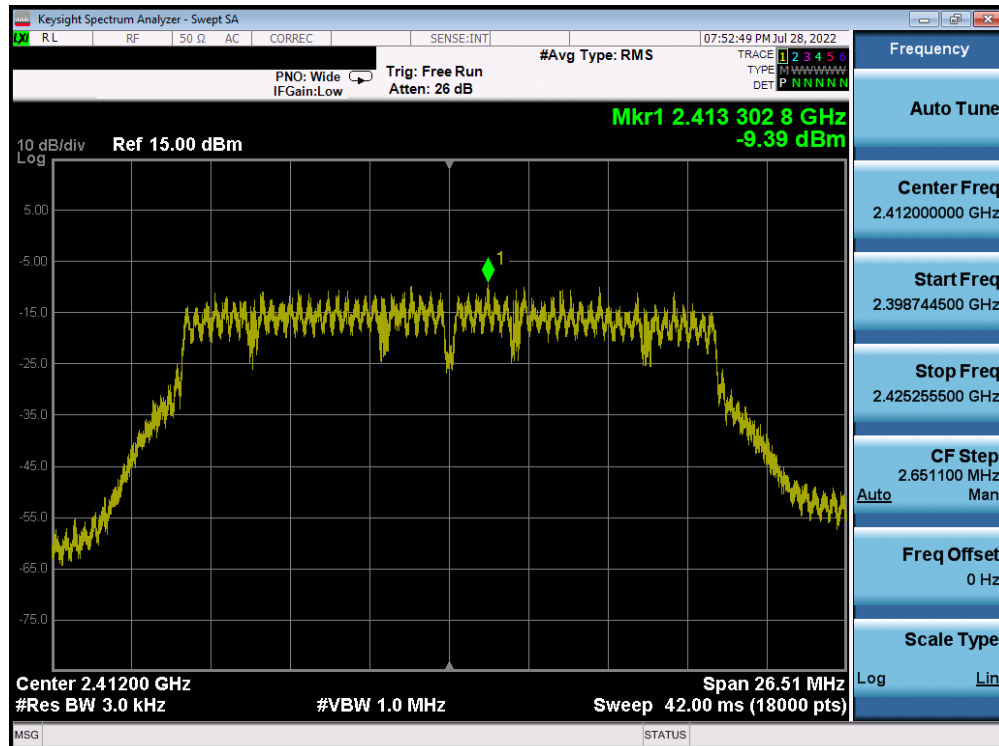
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 119 of 440

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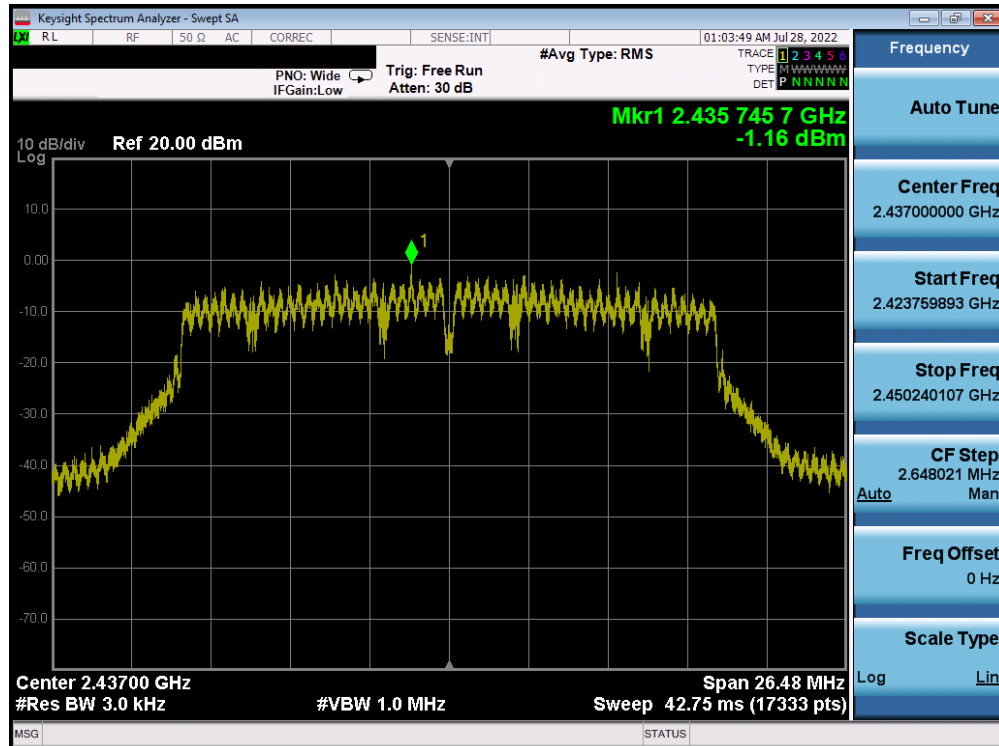


Plot 7-145. Power Spectral Density Plot CDD Antenna 3a (802.11n (2.4GHz) – Ch. 1) – MCS11

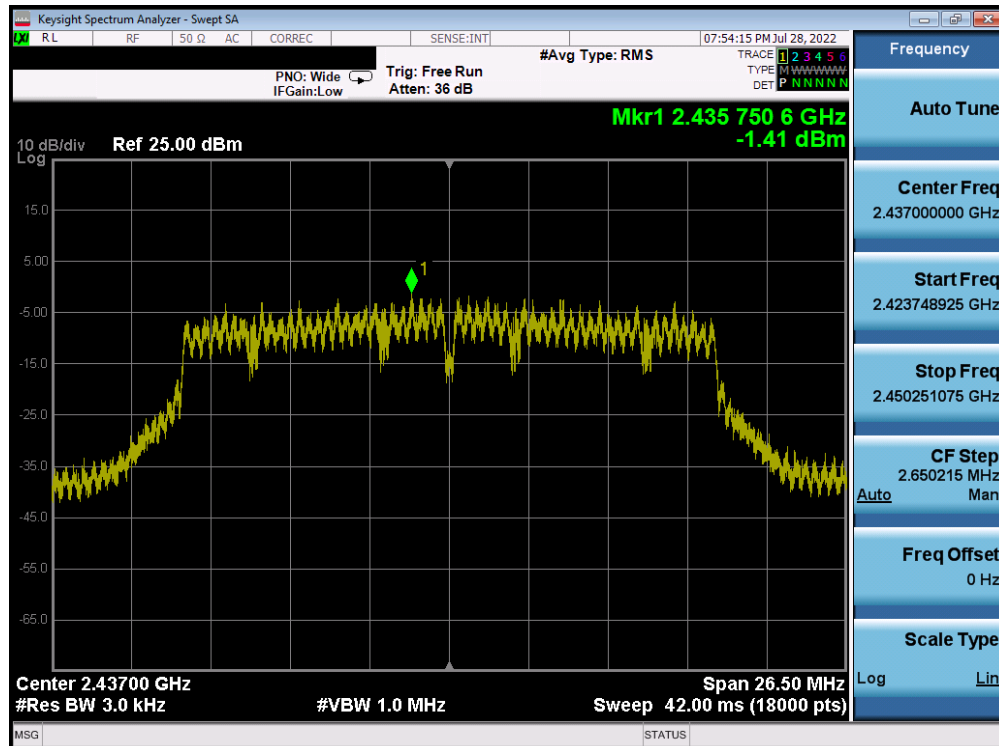


Plot 7-146. Power Spectral Density Plot CDD Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MC11

FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-147. Power Spectral Density Plot CDD Antenna 3a (802.11n (2.4GHz) – Ch. 6) – MCS11

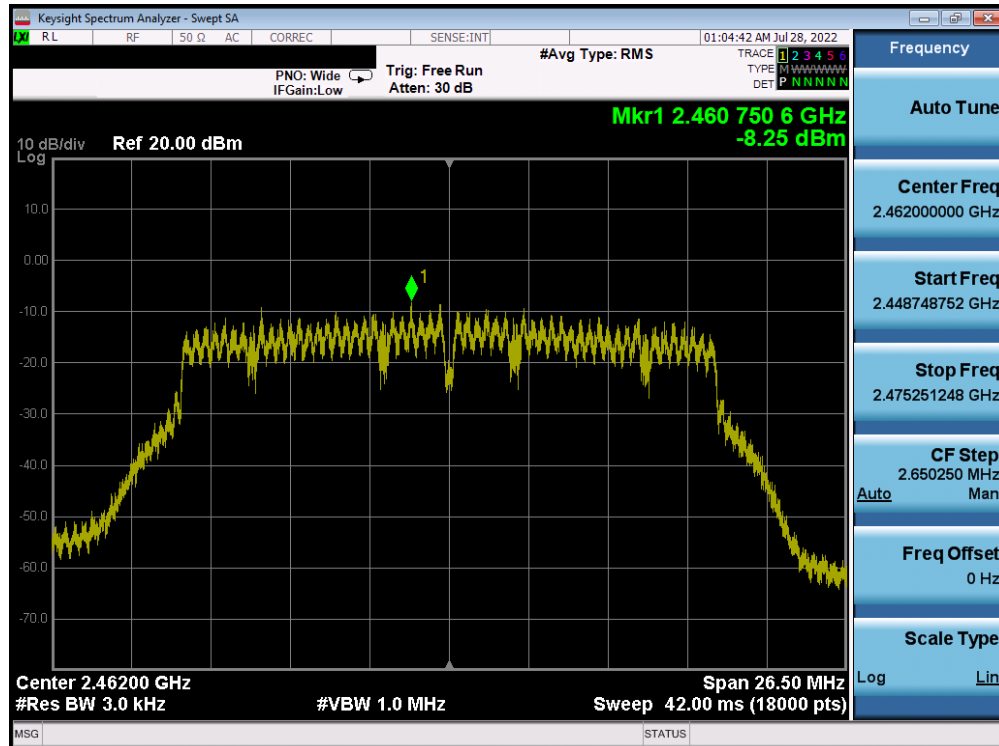


Plot 7-148. Power Spectral Density Plot CDD Antenna 1a (802.11n (2.4GHz) – Ch. 6) – MCS11

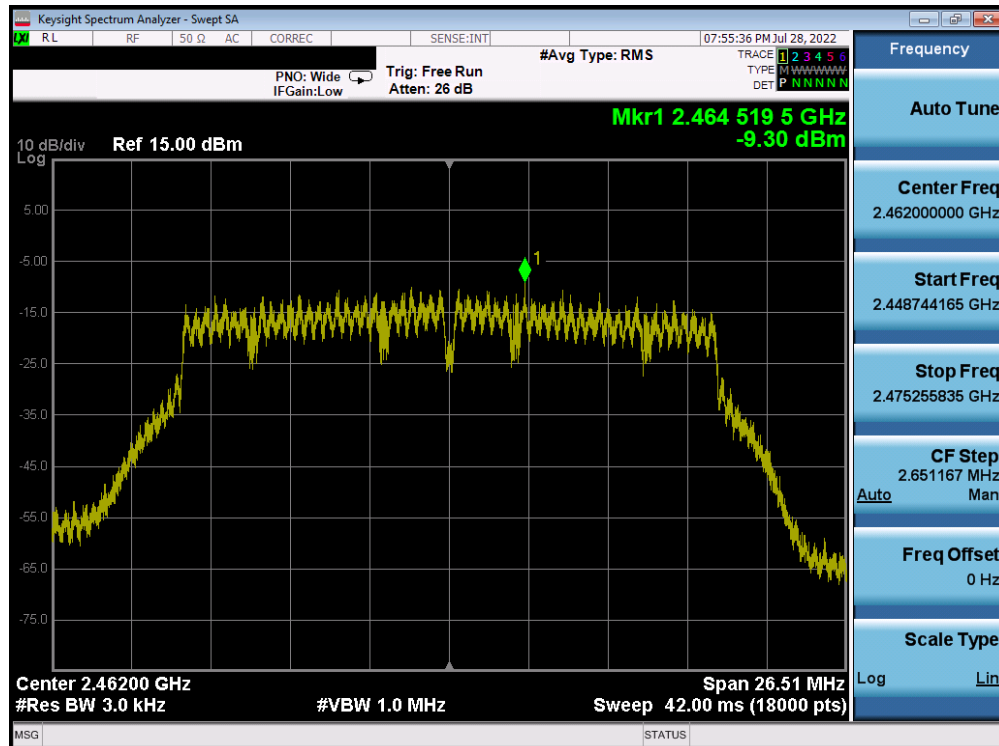
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 121 of 440

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Plot 7-149. Power Spectral Density Plot CDD Antenna 3a (802.11n (2.4GHz) – Ch. 11) – MCS11

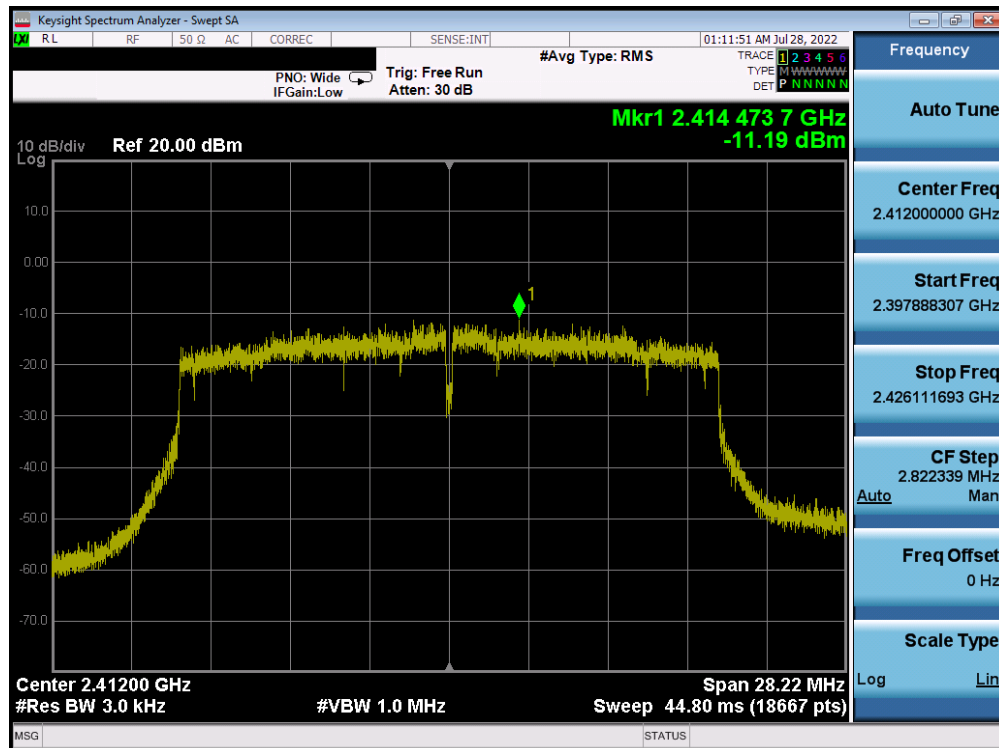


Plot 7-150. Power Spectral Density Plot CDD Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS11

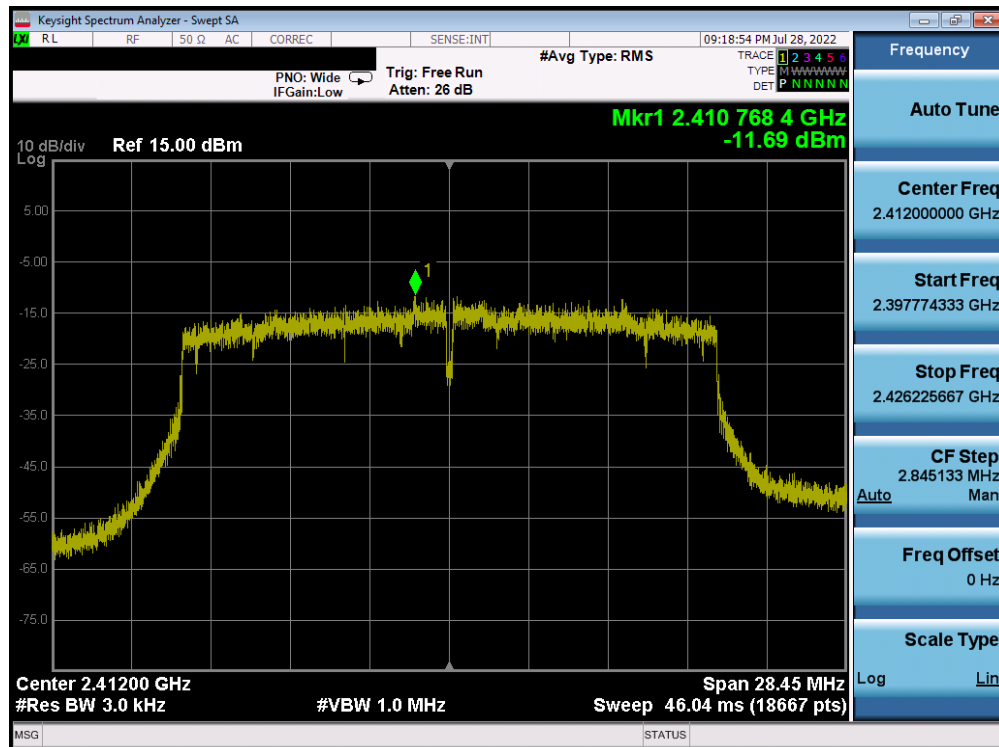
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 122 of 440

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Plot 7-151. Power Spectral Density Plot CDD Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4

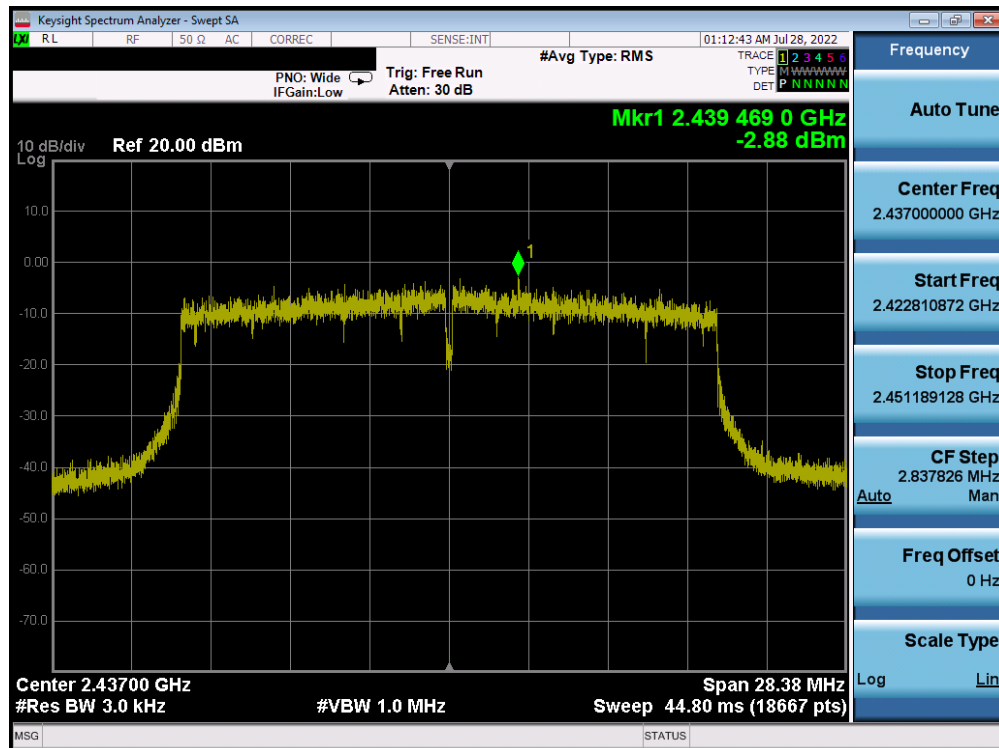


Plot 7-152. Power Spectral Density Plot CDD Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4

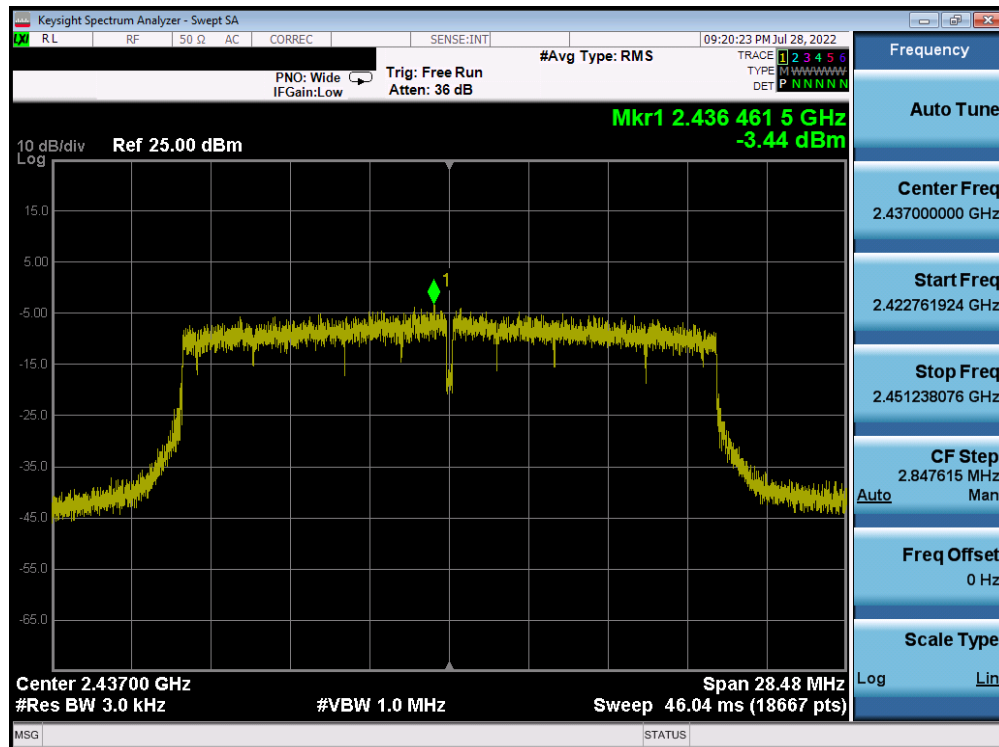
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 123 of 440

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Plot 7-153. Power Spectral Density Plot CDD Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4

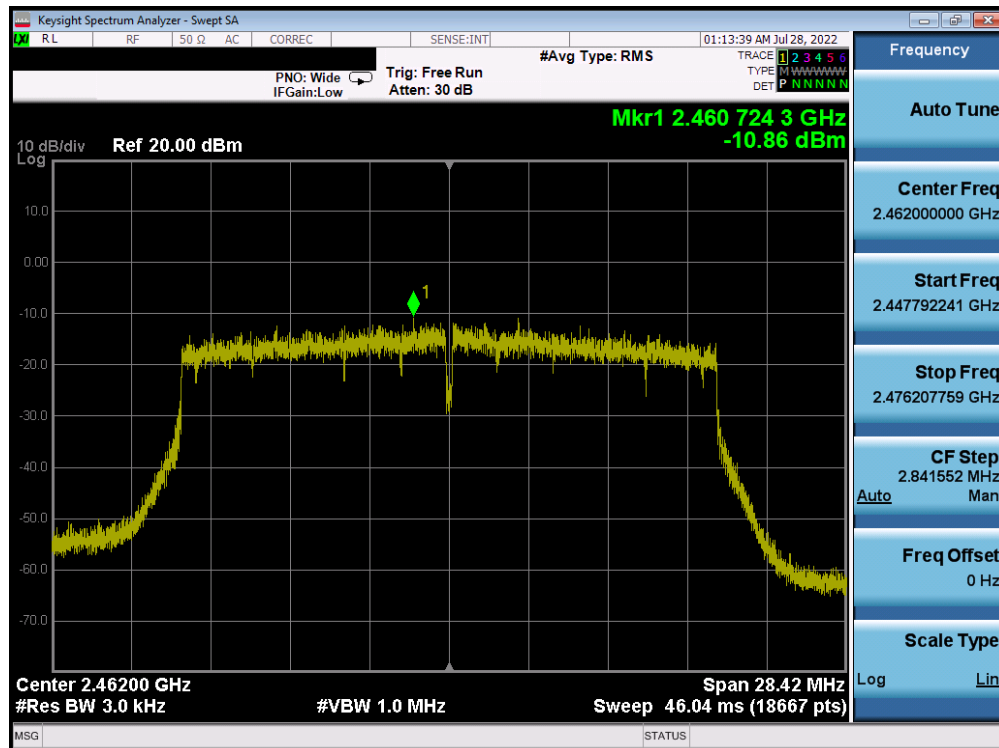


Plot 7-154. Power Spectral Density Plot CDD Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS4

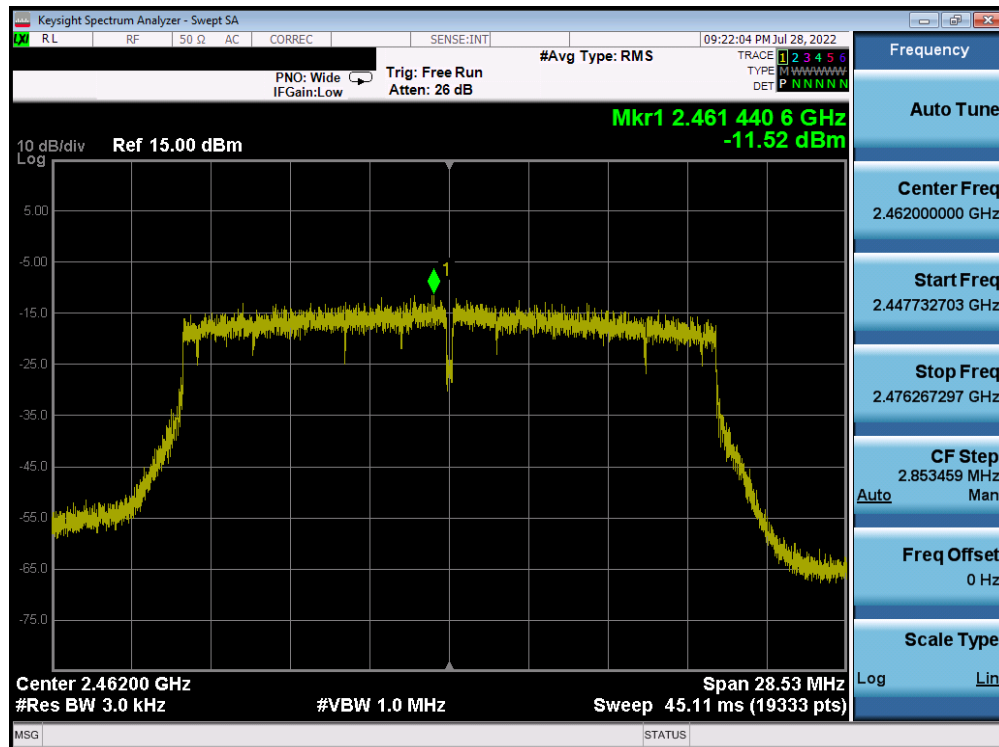
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 124 of 440

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Plot 7-155. Power Spectral Density Plot CDD Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4



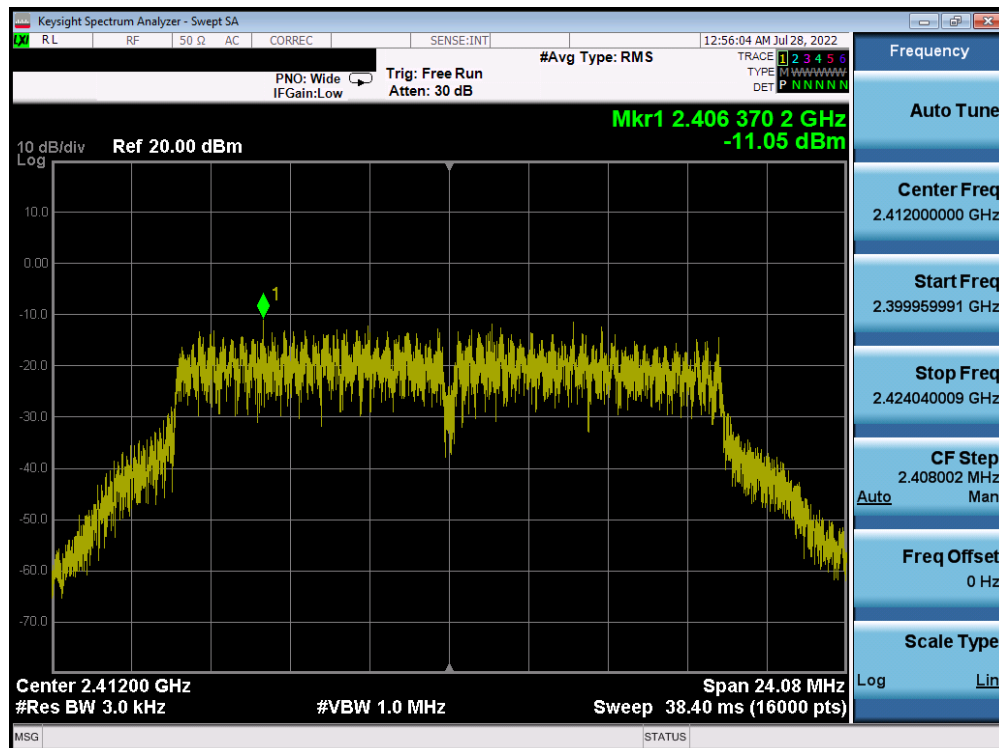
Plot 7-156. Power Spectral Density Plot CDD Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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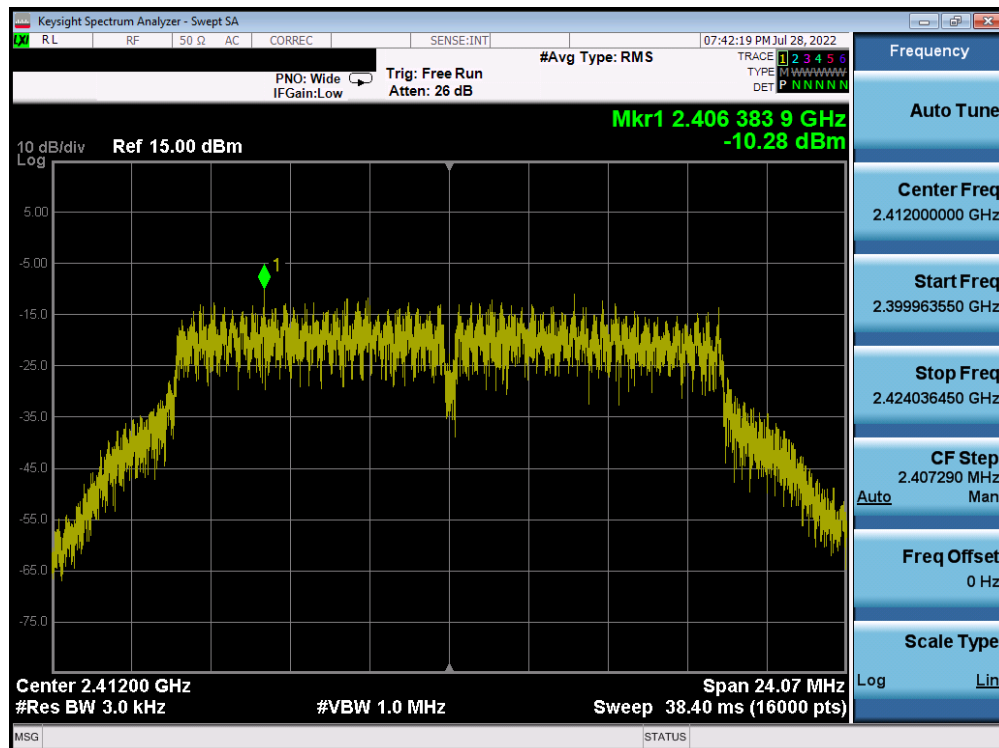
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High Data Rate



Plot 7-157. Power Spectral Density Plot CDD Antenna 3a (802.11g – Ch. 1) – 36Mbps

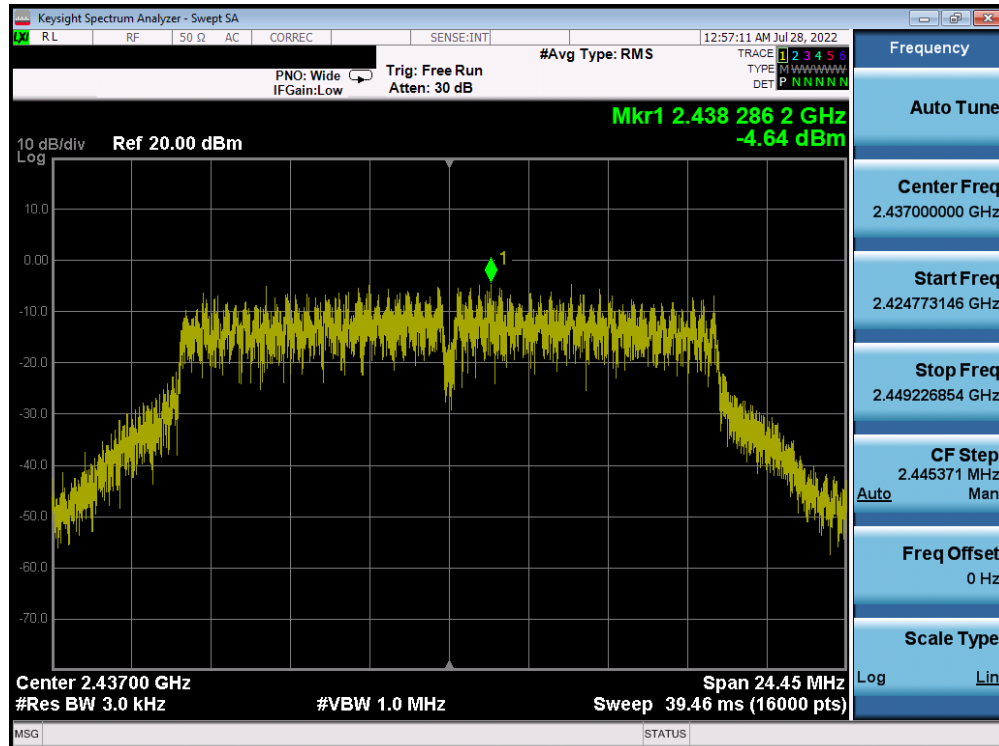


Plot 7-158. Power Spectral Density Plot CDD Antenna 1a (802.11g – Ch. 1) – 36Mbps

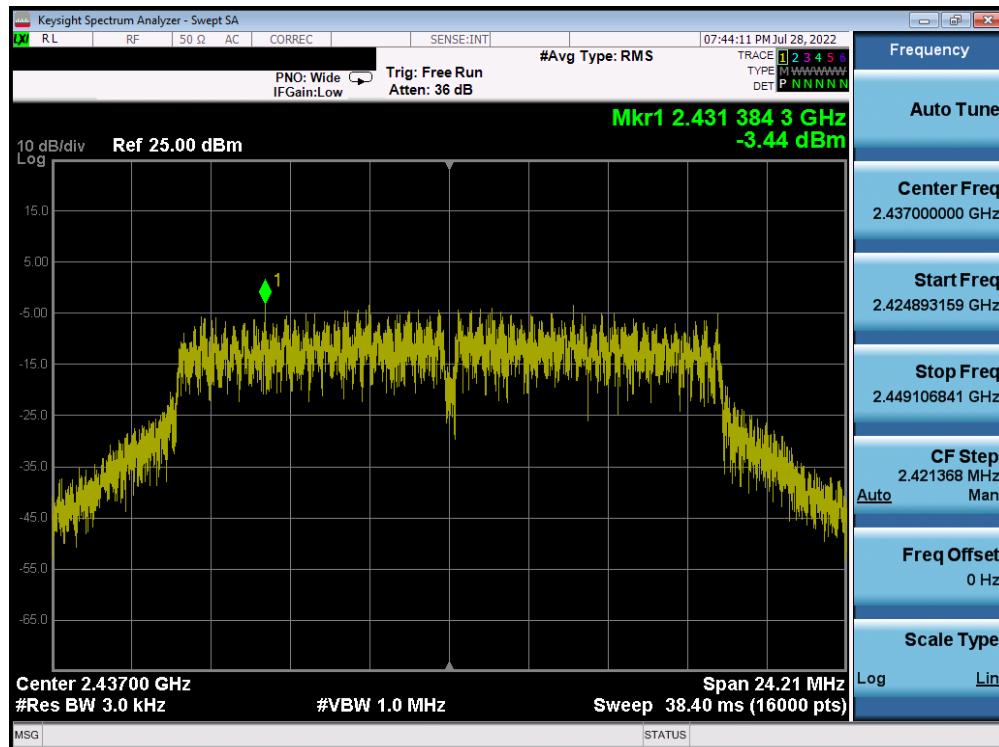
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-159. Power Spectral Density Plot CDD Antenna 3a (802.11g – Ch. 6) – 36Mbps

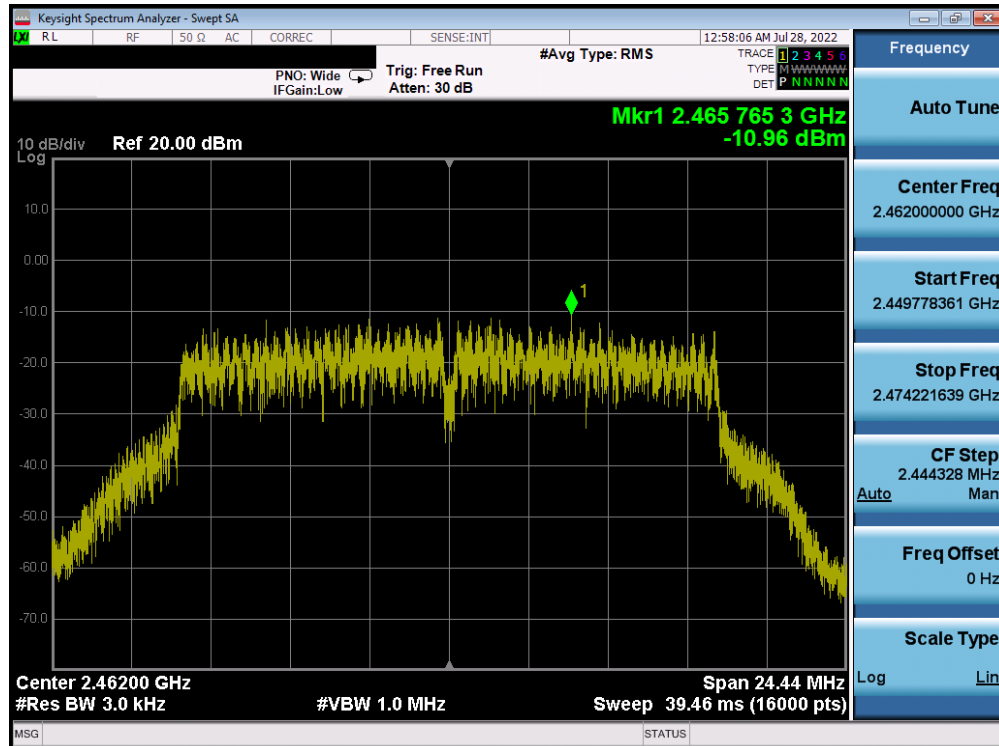


Plot 7-160. Power Spectral Density Plot CDD Antenna 1a (802.11g – Ch. 6) – 36Mbps

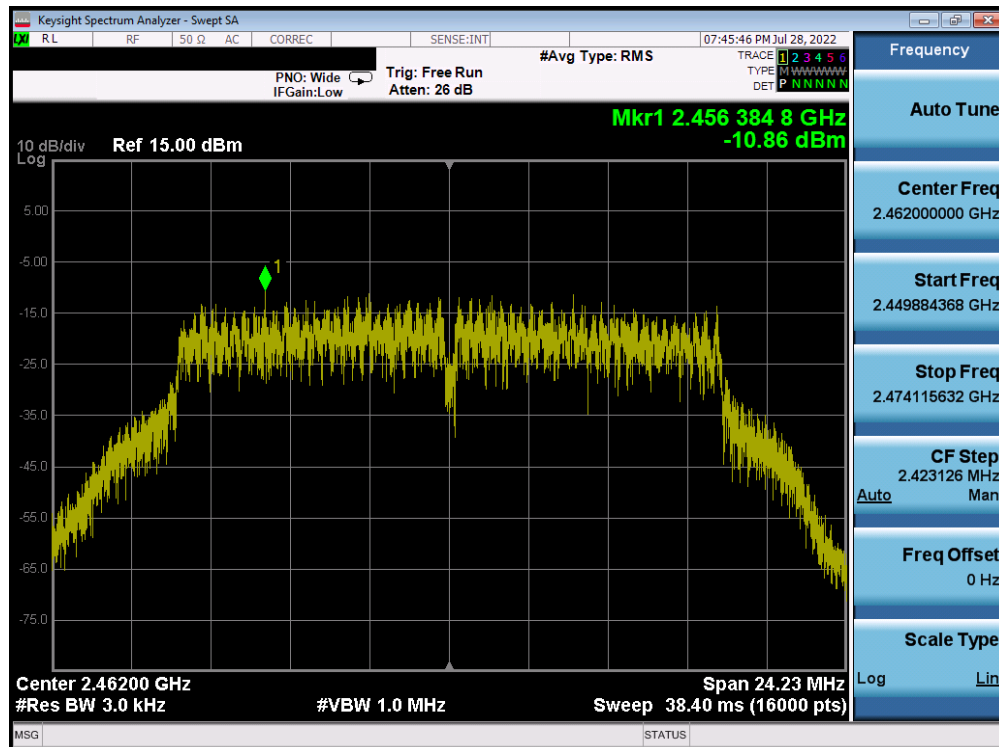
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 127 of 440

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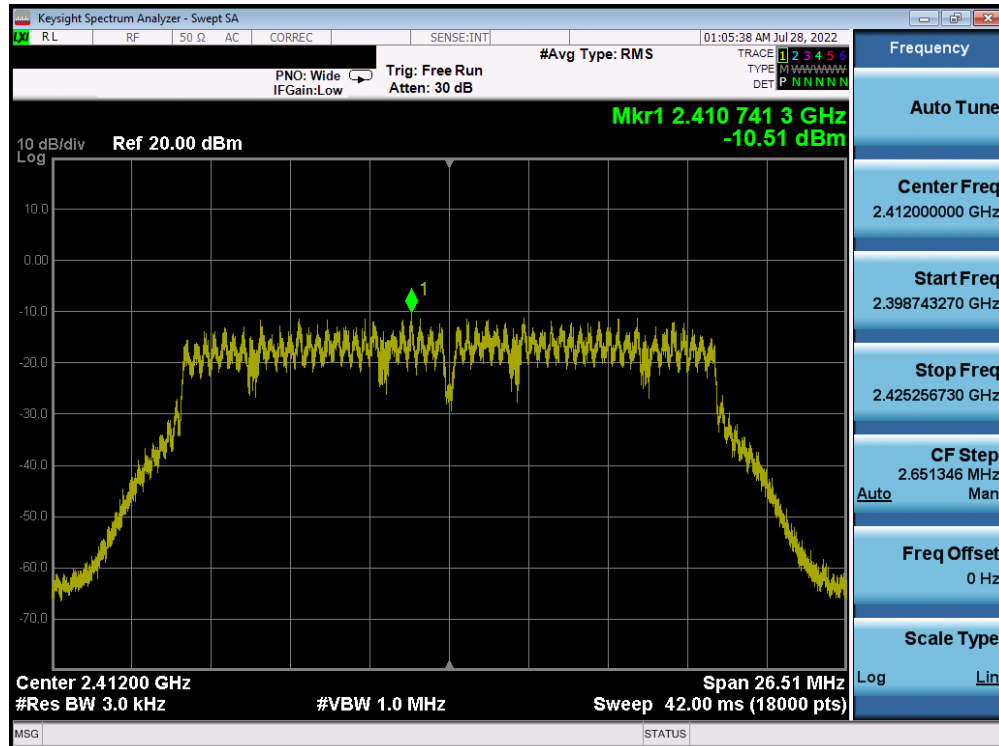
Plot 7-161. Power Spectral Density Plot CDD Antenna 3a (802.11g – Ch. 11) – 36Mbps



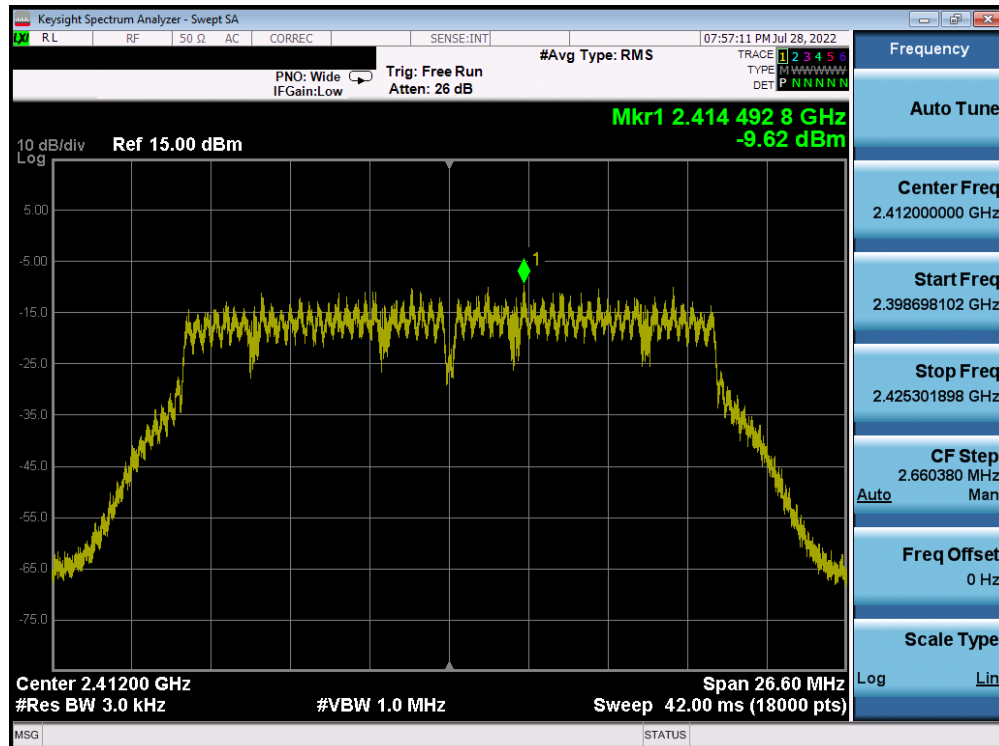
Plot 7-162. Power Spectral Density Plot CDD Antenna 1a (802.11g – Ch. 11) – 36Mbps

FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-163. Power Spectral Density Plot CDD Antenna 3a (802.11n (2.4GHz) – Ch. 1) – MCS15

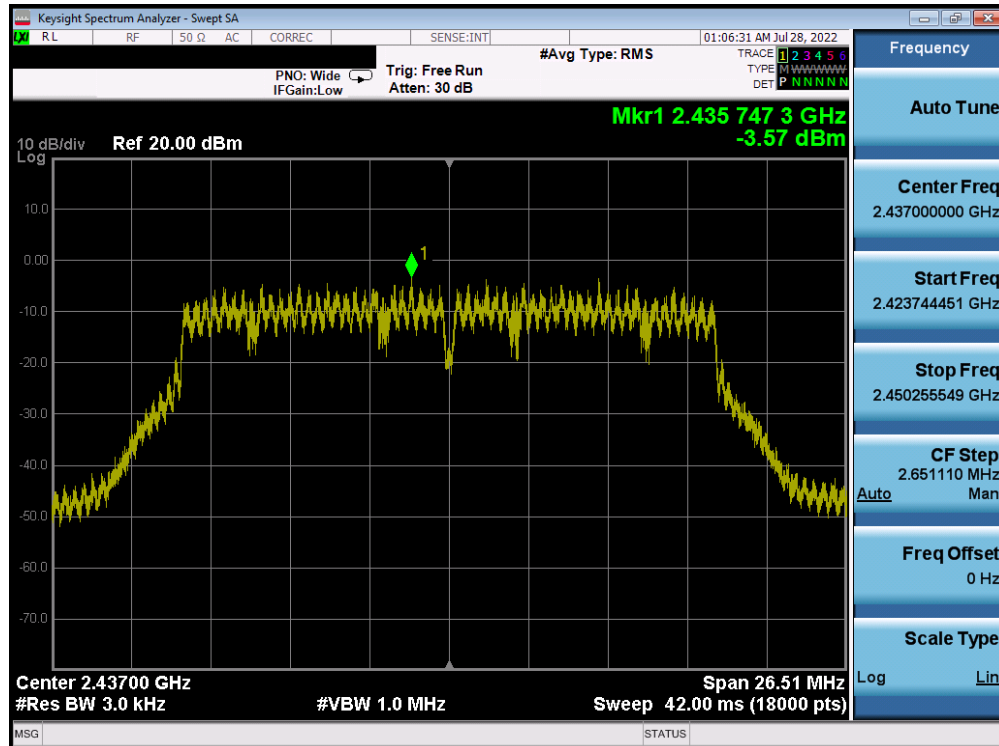


Plot 7-164. Power Spectral Density Plot CDD Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MCS15

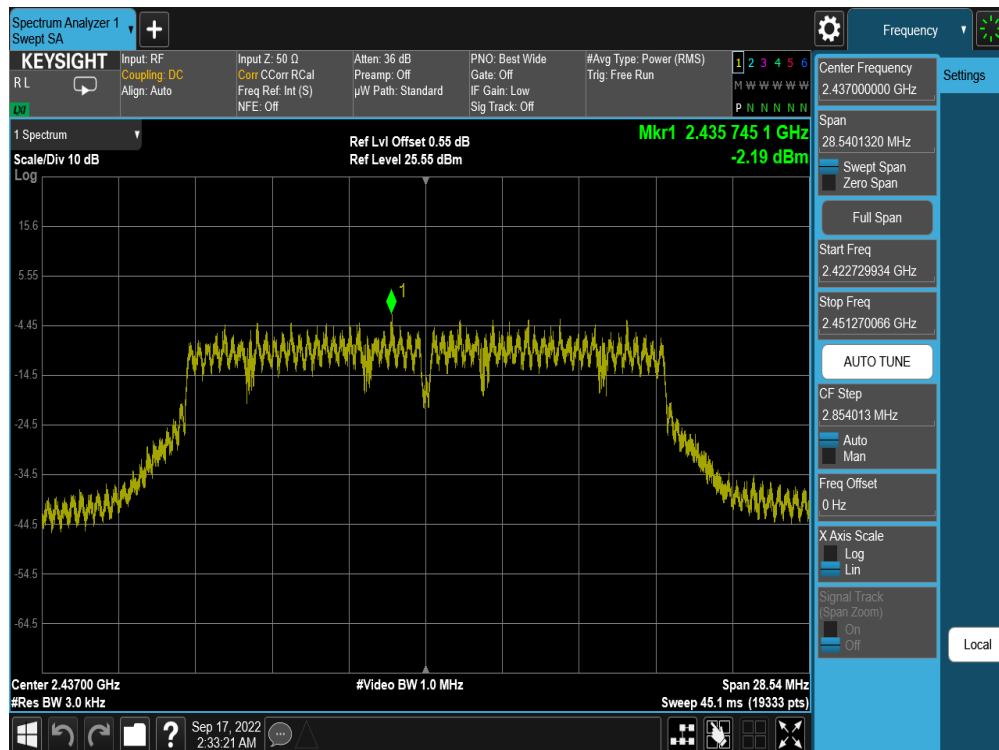
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090023-10.BCG	Test Dates: 05/30/2022 - 09/14/2022	EUT Type: Tablet Device	Page 129 of 440

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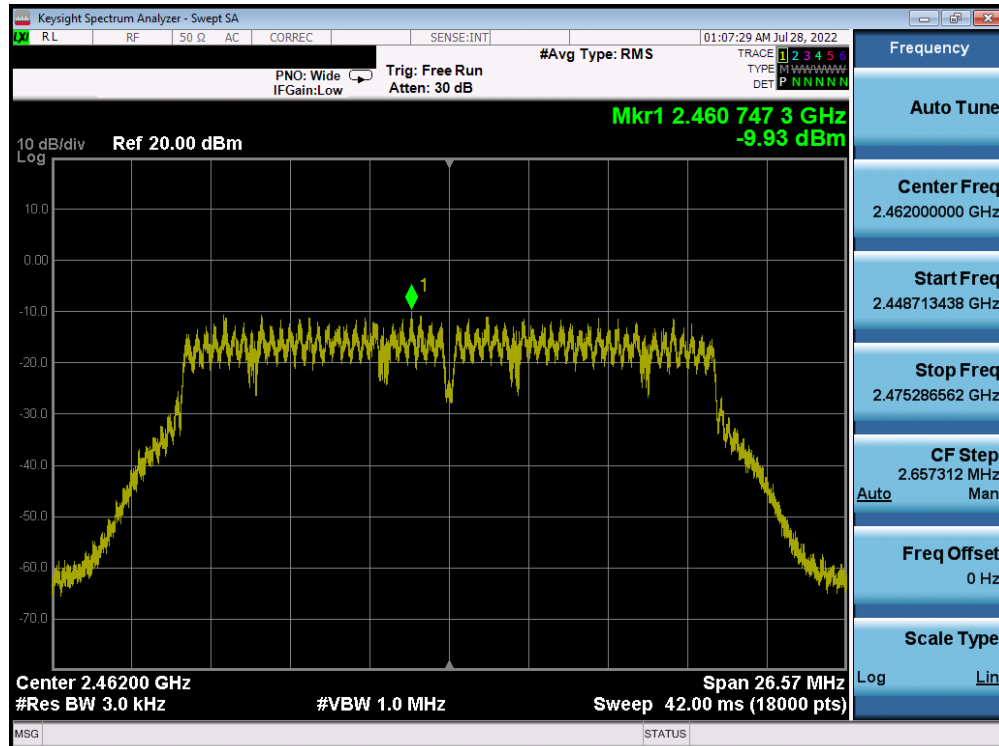


Plot 7-165. Power Spectral Density Plot CDD Antenna 3a (802.11n (2.4GHz) – Ch. 6) – MCS15

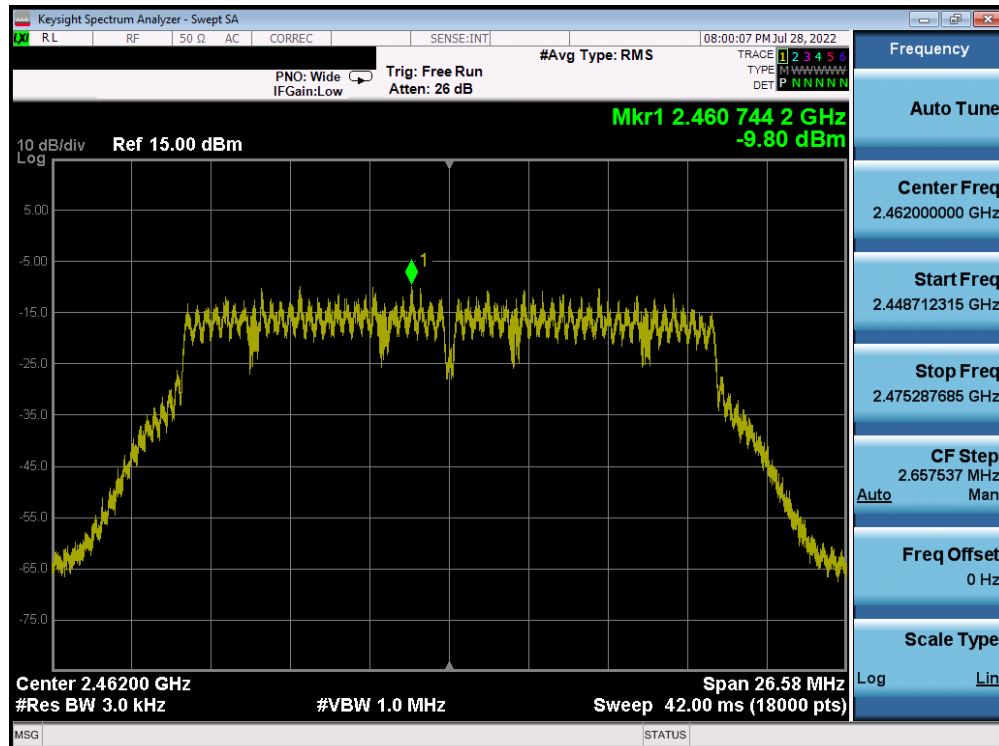


Plot 7-166. Power Spectral Density Plot CDD Antenna 1a (802.11n (2.4GHz) – Ch. 6) – MCS15

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Plot 7-167. Power Spectral Density Plot CDD Antenna 3a (802.11n (2.4GHz) – Ch. 11) – MCS15

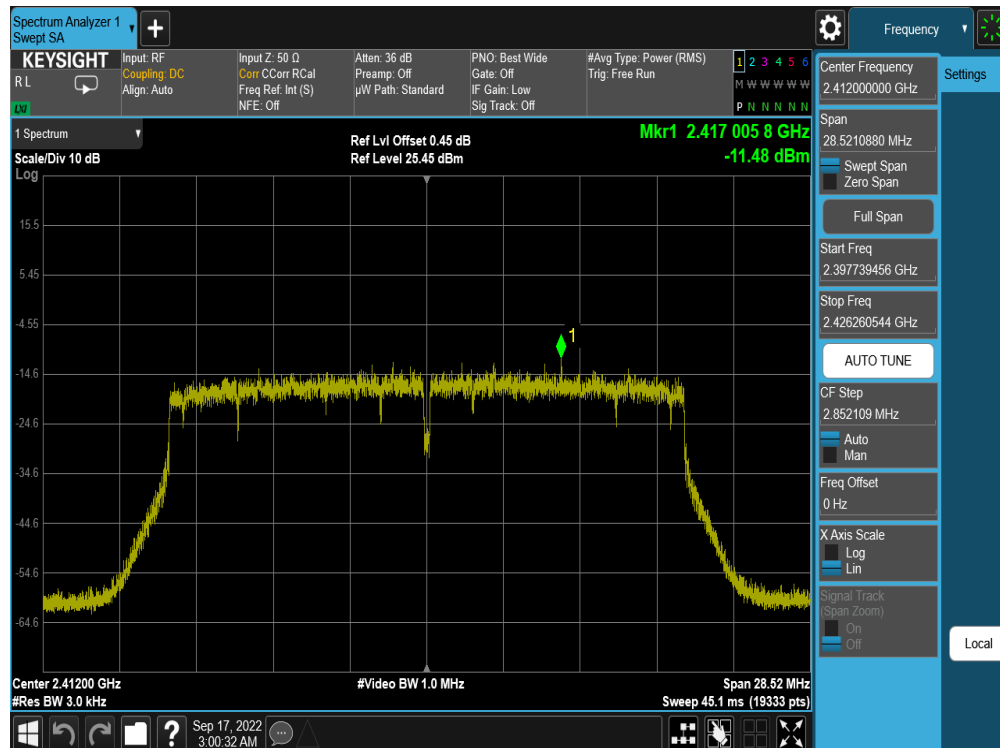


Plot 7-168. Power Spectral Density Plot CDD Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS15

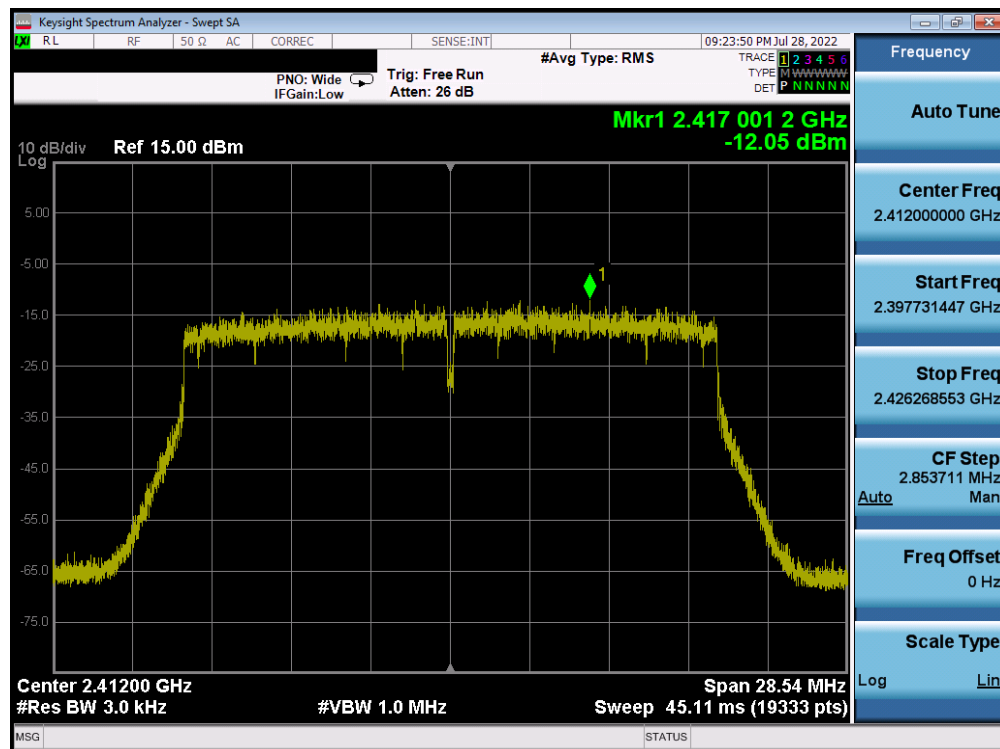
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-169. Power Spectral Density Plot CDD Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS5

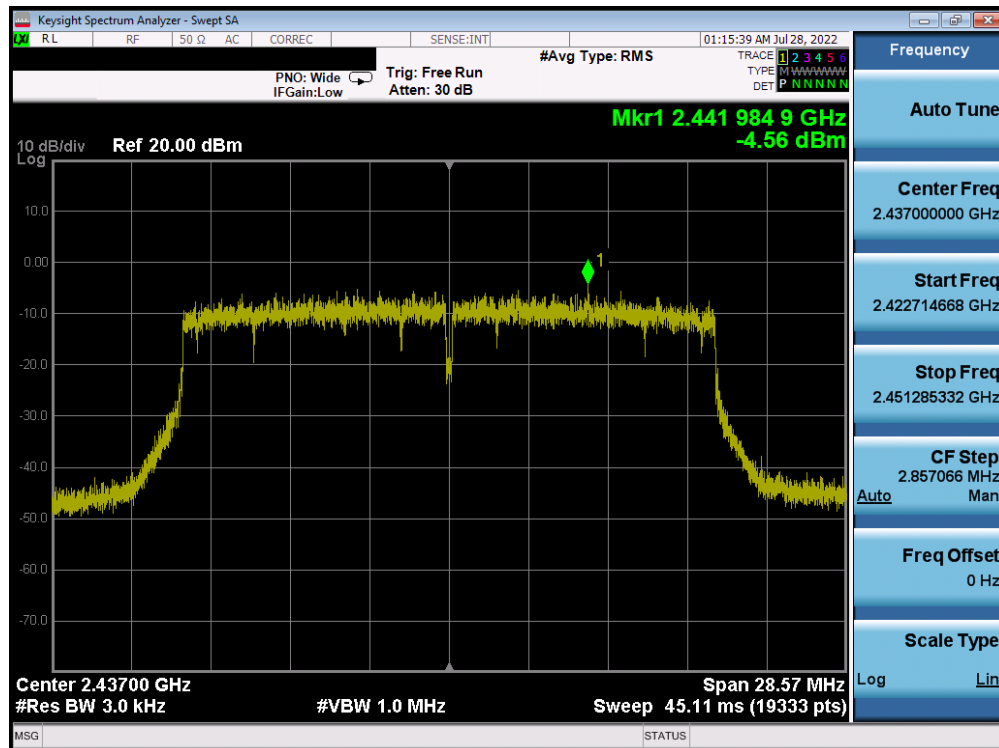


Plot 7-170. Power Spectral Density Plot CDD Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS5

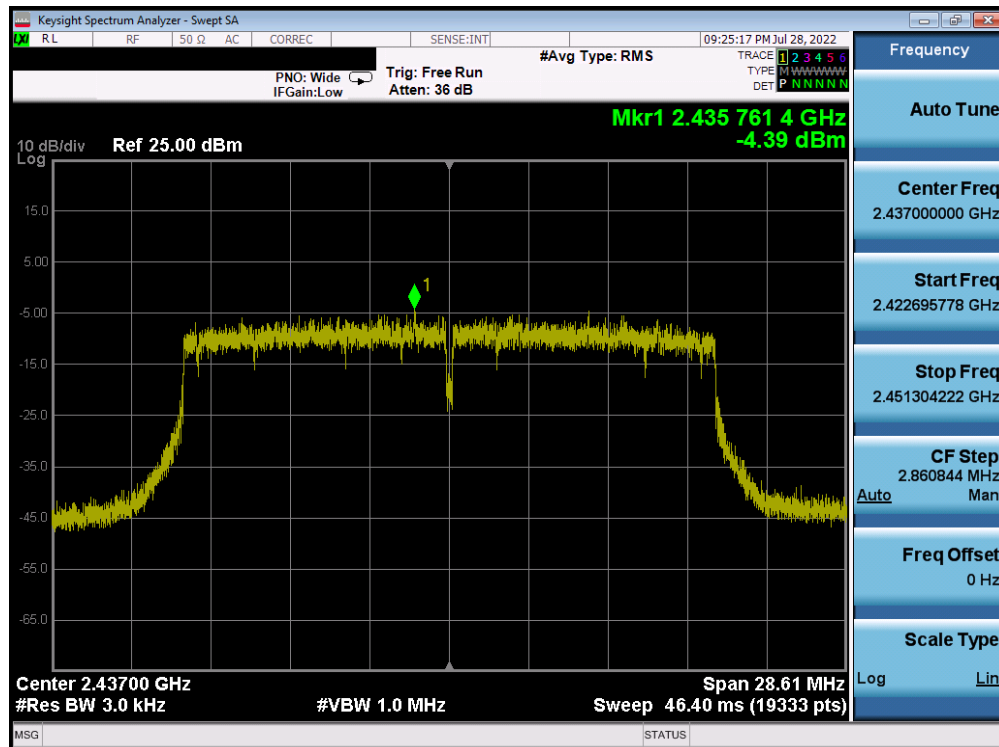
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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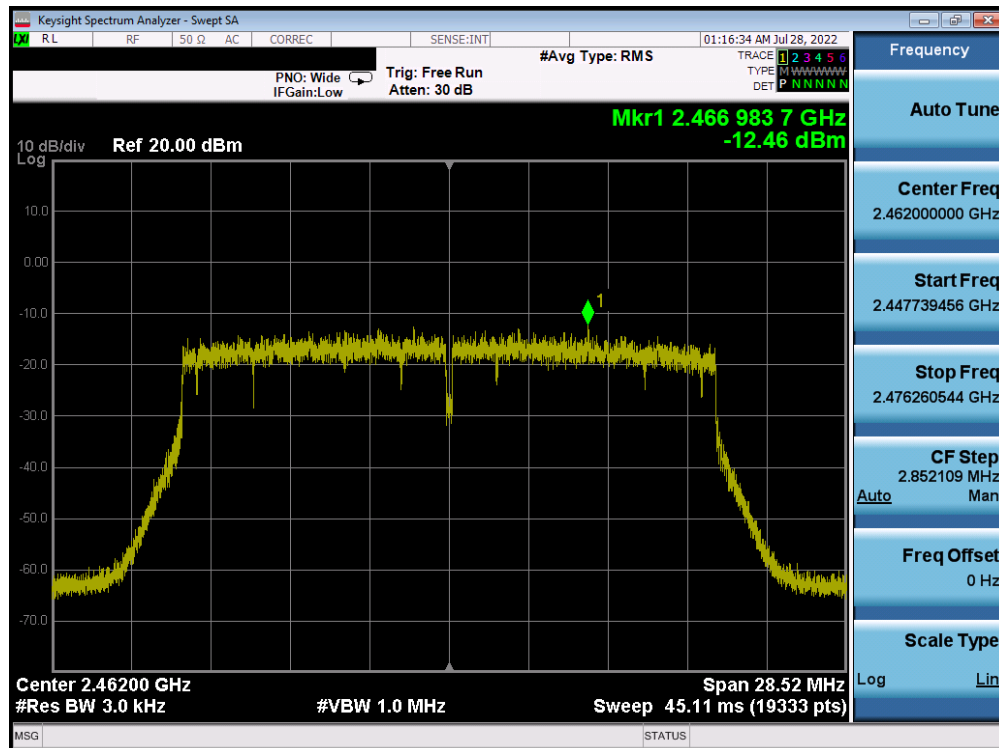
Plot 7-171. Power Spectral Density Plot CDD Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS5



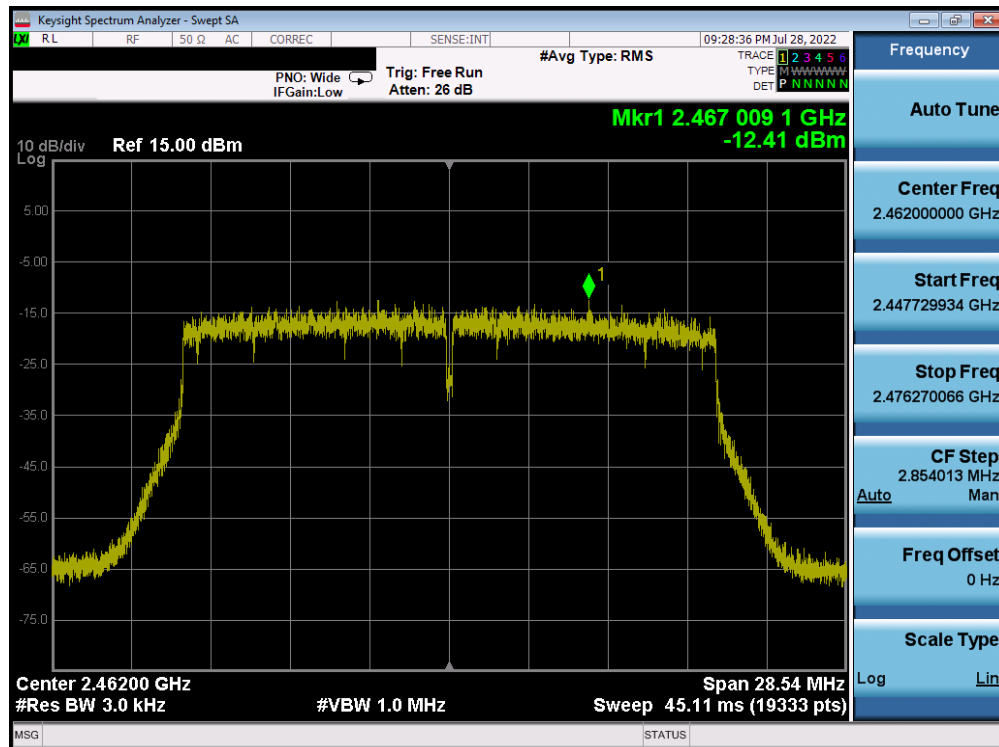
Plot 7-172. Power Spectral Density Plot CDD Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 6) – MCS5

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-173. Power Spectral Density Plot CDD Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS5



Plot 7-174. Power Spectral Density Plot CDD Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS5

FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Note:

Per ANSI C63.10-2013 Section 14.3.2.2 and KDB 662911 D01 v02r01 Section E)2), the power spectral density at Antenna 3a and Antenna 1a 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 2437MHz the average conducted power spectral density was measured to be -3.57 dBm for Antenna 3a and -1.94 dBm for Antenna 1a.

$$\text{Antenna 3a} + \text{Antenna 1a} = \text{CDD}$$

$$(-3.57 \text{ dBm} + -1.94 \text{ dBm}) = (0.439 \text{ mW} + 0.639 \text{ mW}) = 1.078 \text{ mW} = 0.33 \text{ dBm}$$

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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, 36 Mbps for “g” mode, 6.5/7.2, 26/28.9, 65/72.2Mbps for “n” mode, and 8/8.6, 33/34.4, 65/68.8 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

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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 rate groups have been investigated and only the worst case data rate per group is reported.

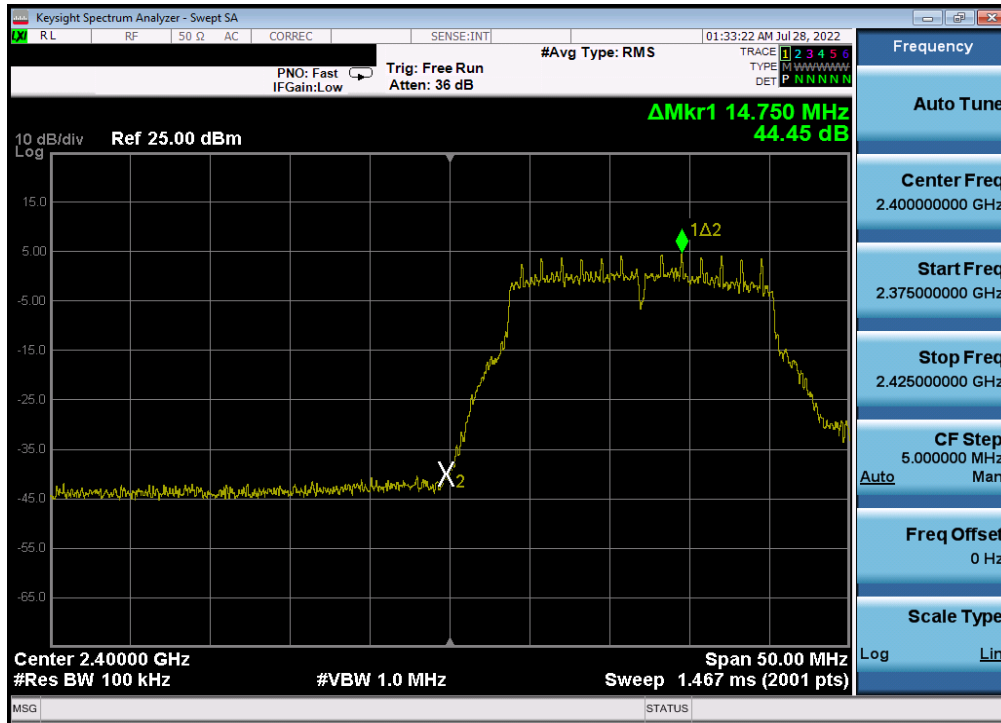
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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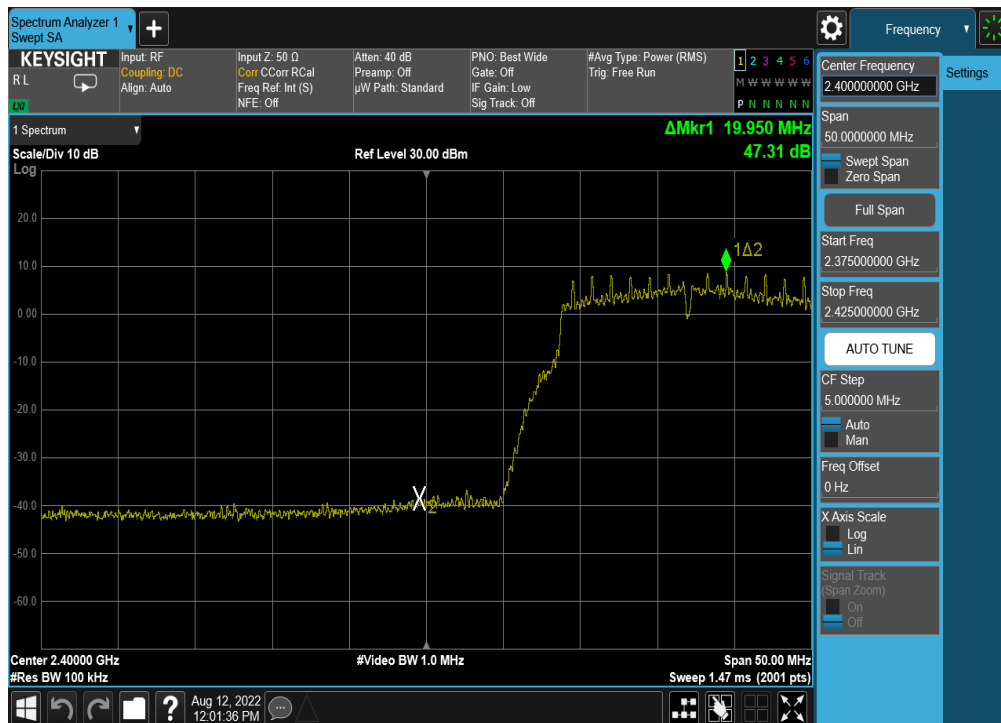
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Antenna 3a Conducted Emissions at the Band Edge

Low Data Rate



Plot 7-175. Band Edge Plot Antenna 3a (802.11g– Ch. 1) – 12Mbps



Plot 7-176. Band Edge Plot Antenna 3a (802.11g– Ch. 2) – 12Mbps

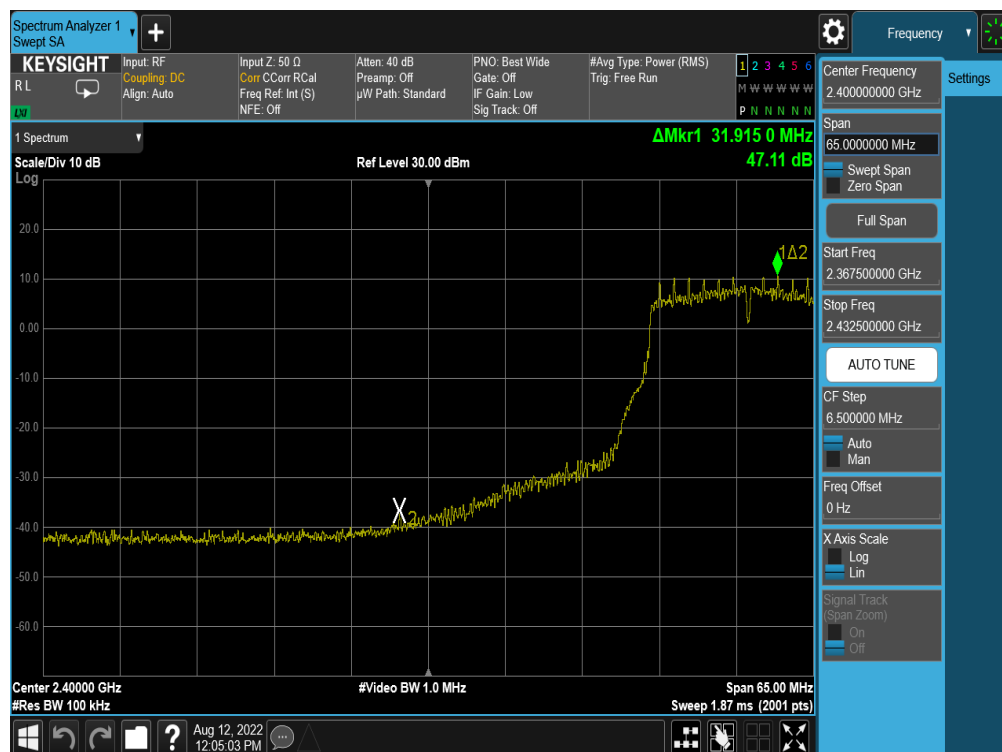
FCC ID: BCGA2757 IC: 579C-A2757		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-177. Band Edge Plot Antenna 3a (802.11g- Ch. 3) – 12Mbps



Plot 7-178. Band Edge Plot Antenna 3a (802.11g- Ch. 4) – 12Mbps

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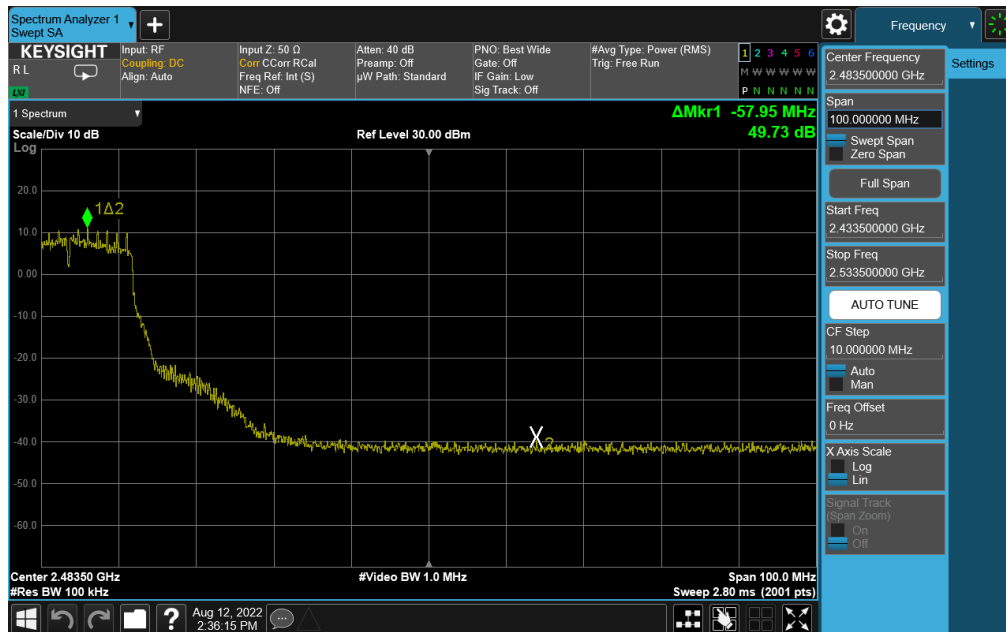
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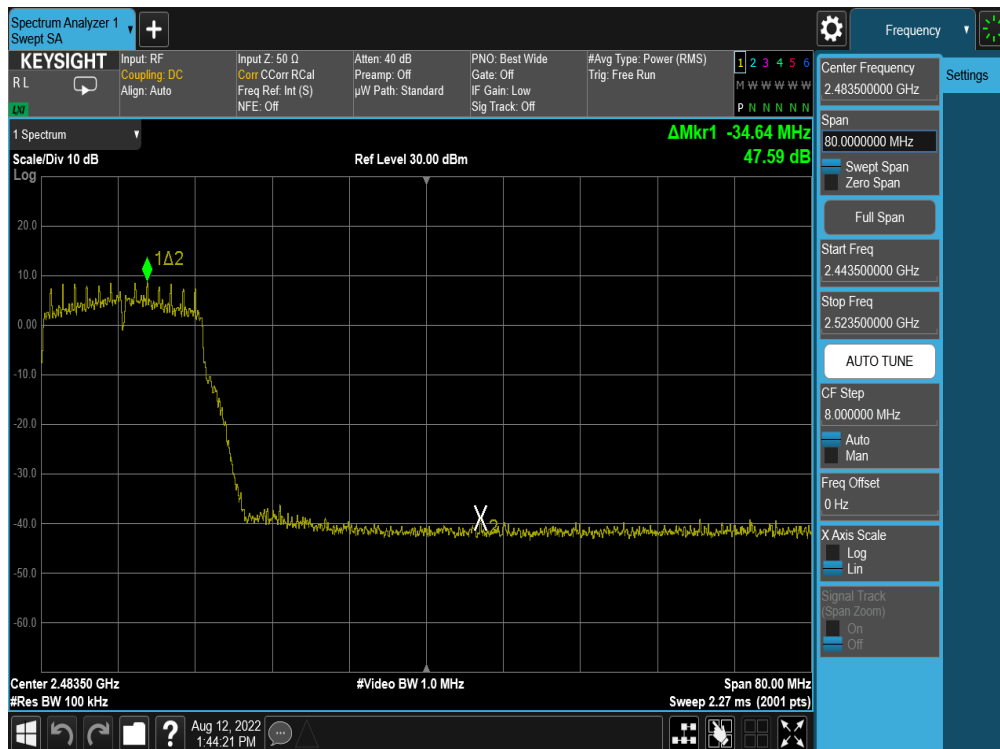
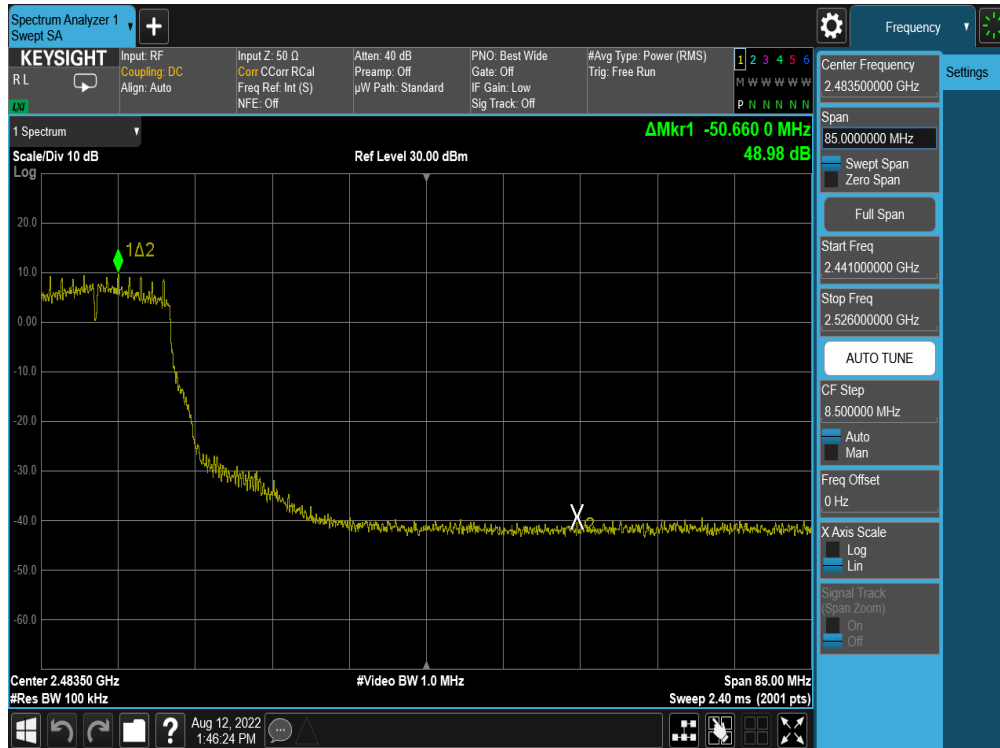
FCC ID: BCGA2757 IC: 579C-A2757	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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