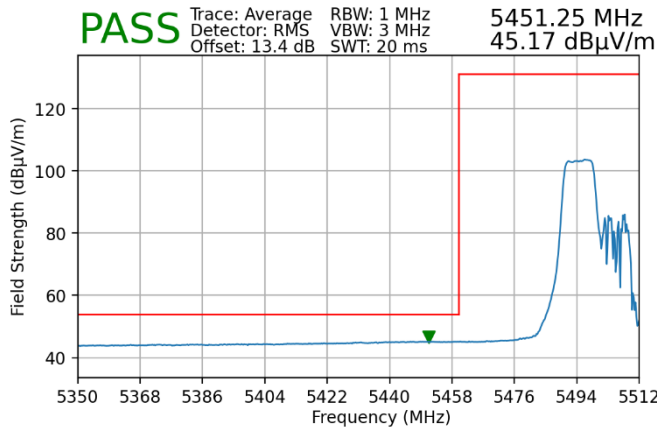
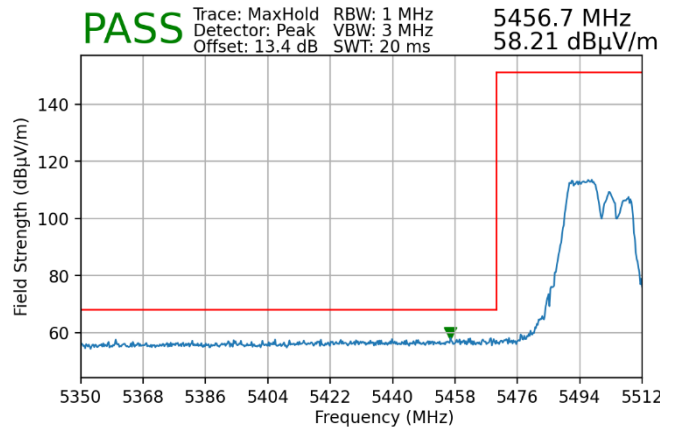


Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	53
Distance of Measurements:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

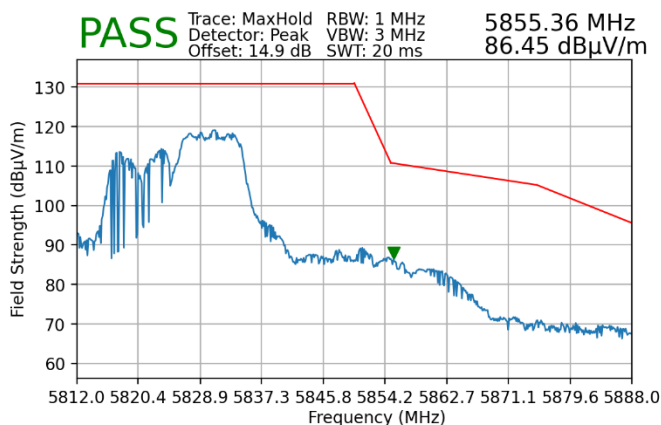


Plot 7-199. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 106 Tones)



Plot 7-200. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 106 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165

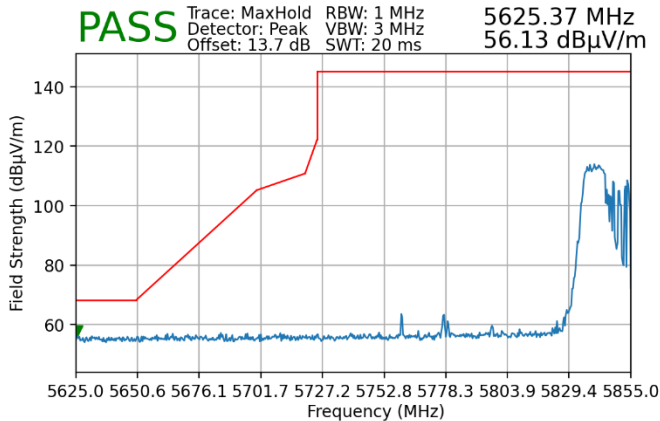


Plot 7-201. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 106 Tones)

FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 141 of 161

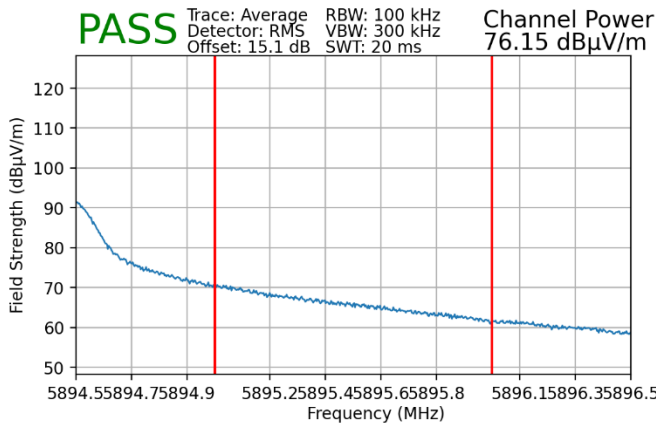


Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 53
 Distance of Measurements: 3 Meters
 Operating Frequency: 5845MHz
 Channel: 169

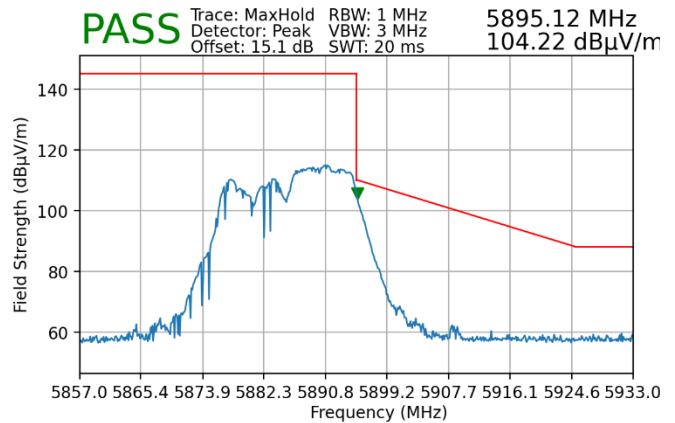


Plot 7-202. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 106 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 3 Meters
 Operating Frequency: 5885MHz
 Channel: 177



Plot 7-203. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 106 Tones)

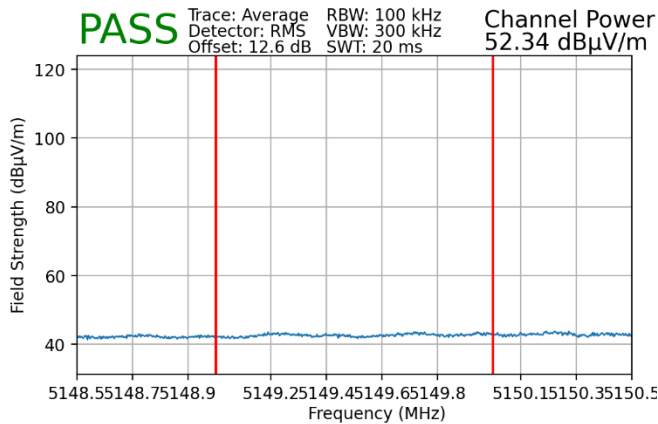


Plot 7-204. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 106 Tones)

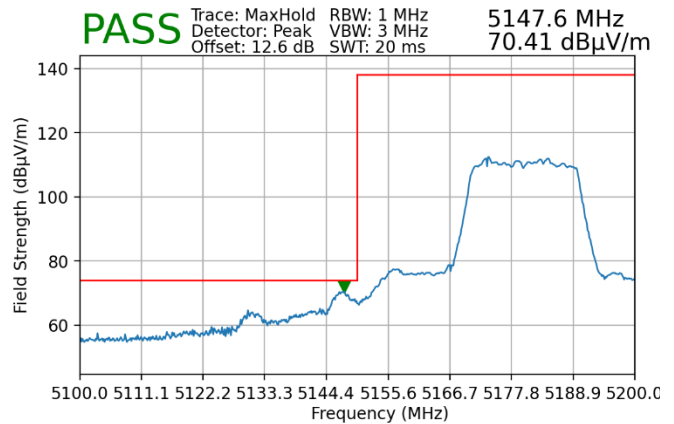
FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 142 of 161

7.6.4 MIMO Radiated Band Edge Measurements (20MHz BW – Full Tone – 242T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

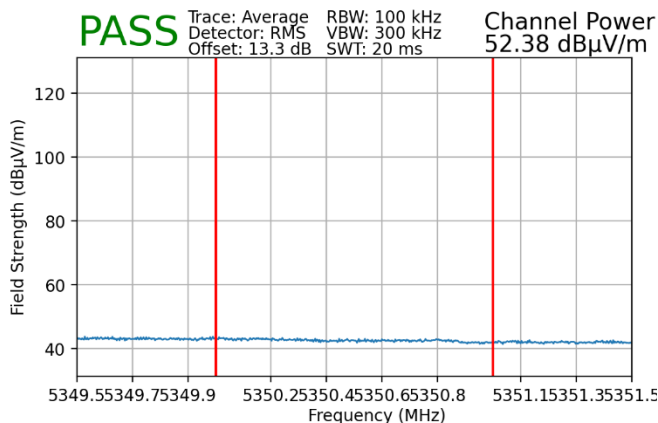


Plot 7-205. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 242 Tones)

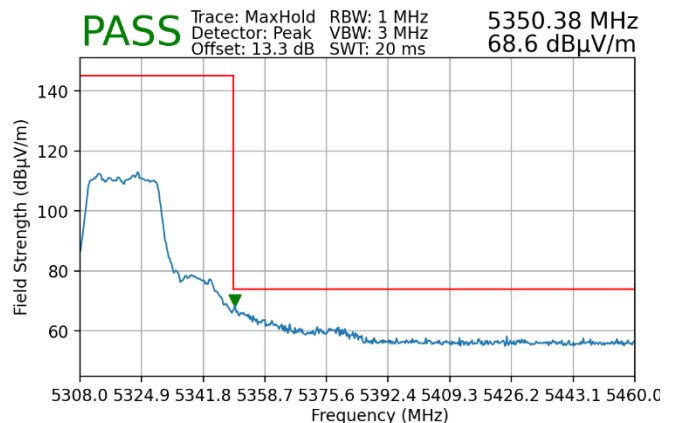


Plot 7-206. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 242 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64



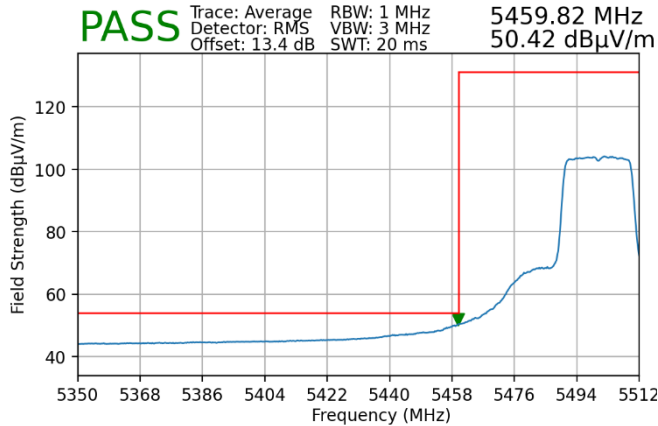
Plot 7-207. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 242 Tones)



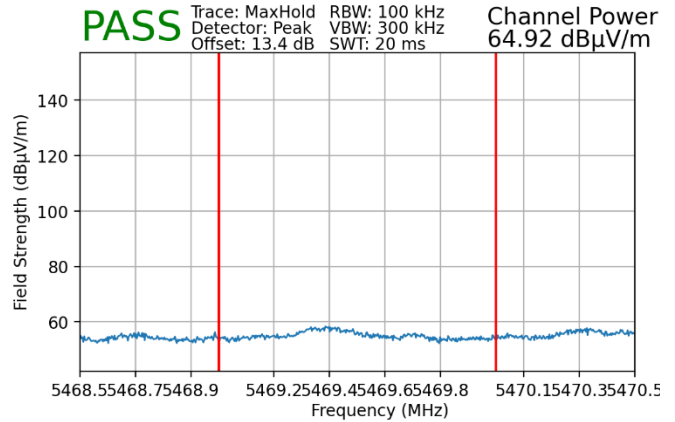
Plot 7-208. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 242 Tones)

FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 143 of 161

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

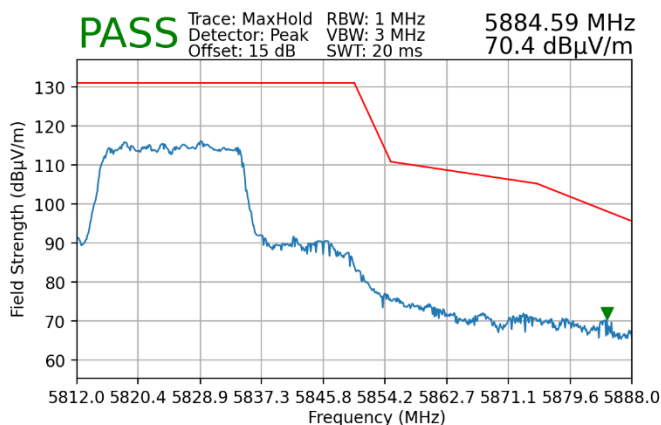


Plot 7-209. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 242 Tones)



Plot 7-210. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 242 Tones)

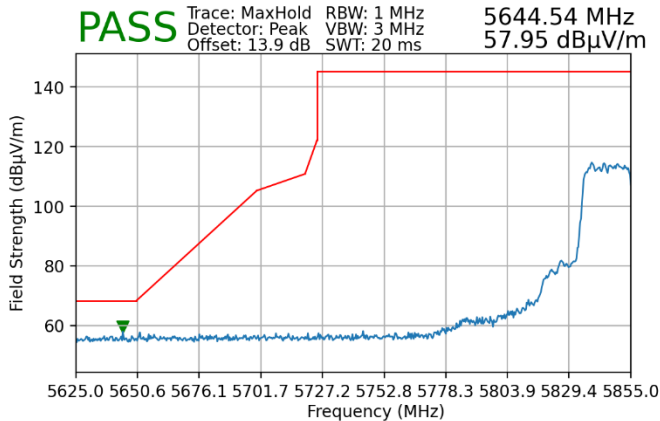
Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



Plot 7-211. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 242 Tones)

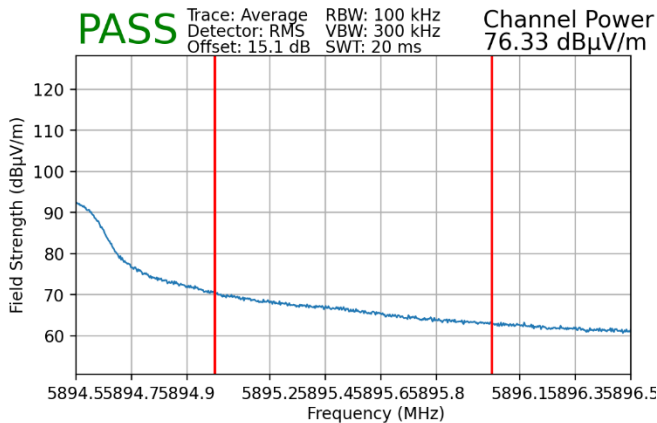
FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 144 of 161

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5845MHz
 Channel: 169

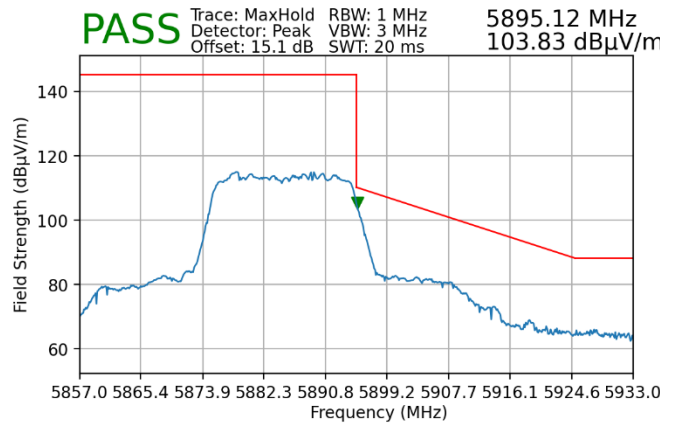


Plot 7-212. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 242 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5885MHz
 Channel: 177



Plot 7-213. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 242 Tones)

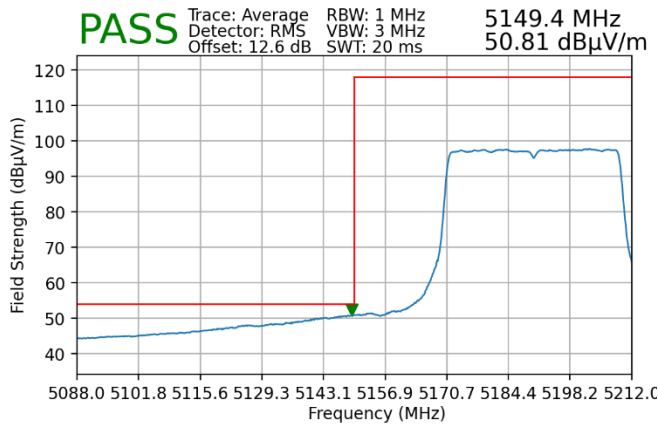


Plot 7-214. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 242 Tones)

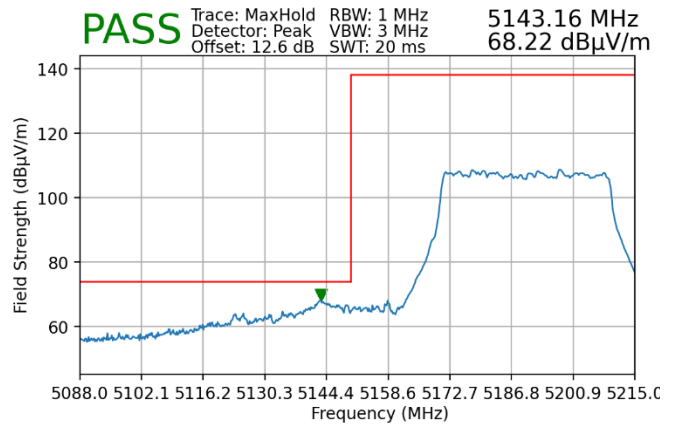
FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 145 of 161

7.6.5 MIMO Radiated Band Edge Measurements (40MHz BW – Full Tone – 484T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38

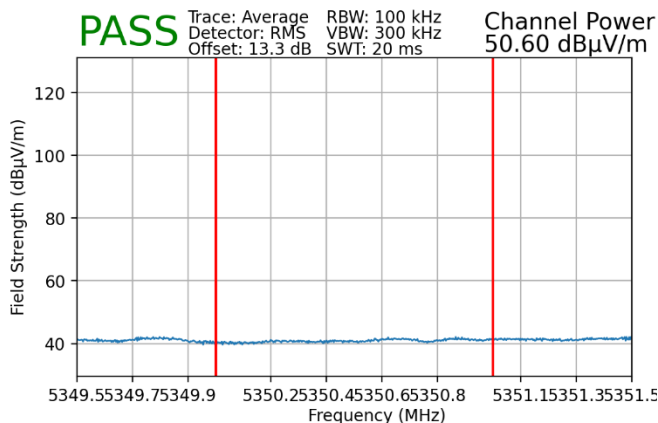


Plot 7-215. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 Tones)

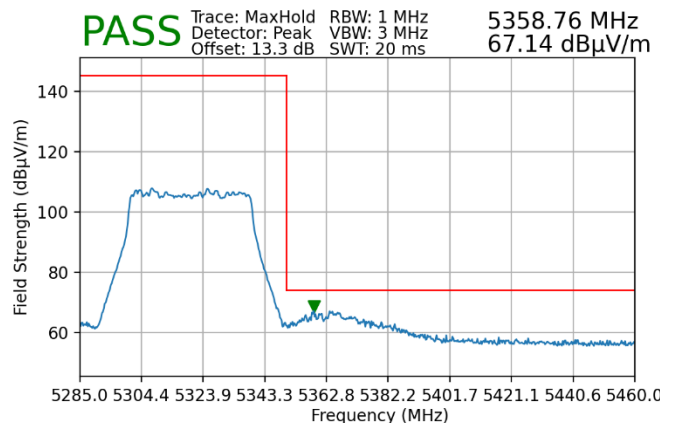


Plot 7-216. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5310MHz
Channel:	62



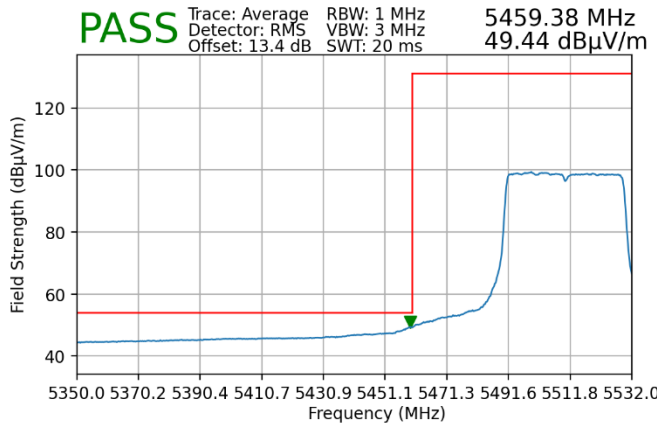
Plot 7-217. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 Tones)



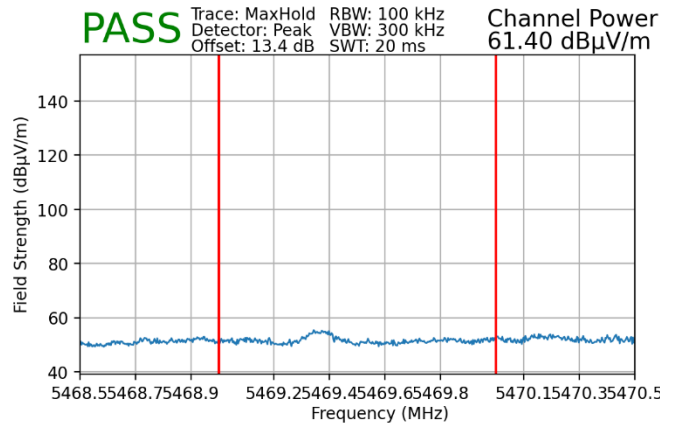
Plot 7-218. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 Tones)

FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

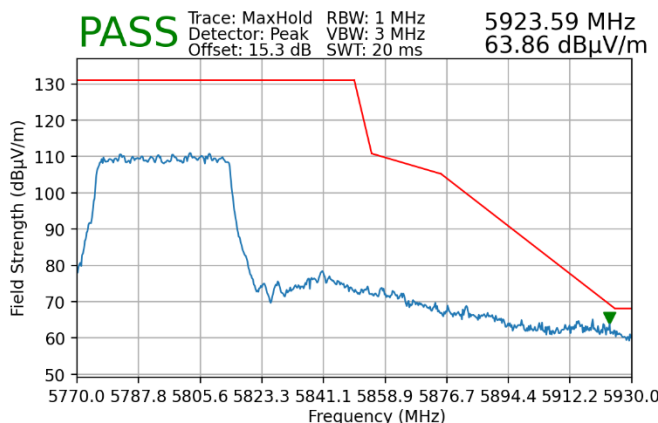


Plot 7-219. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484 Tones)



Plot 7-220. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 484 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159

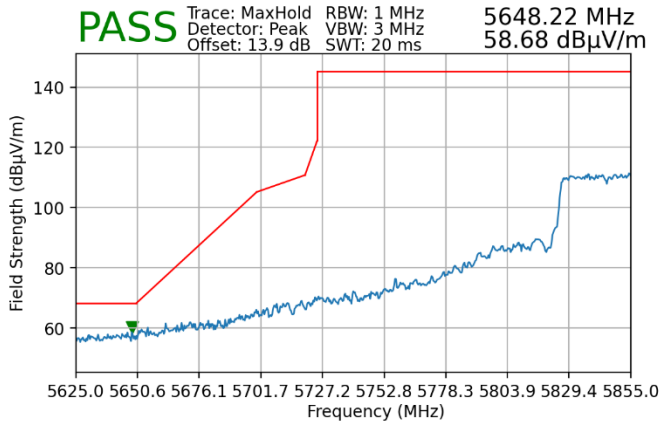


Plot 7-221. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484 Tones)

FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 147 of 161

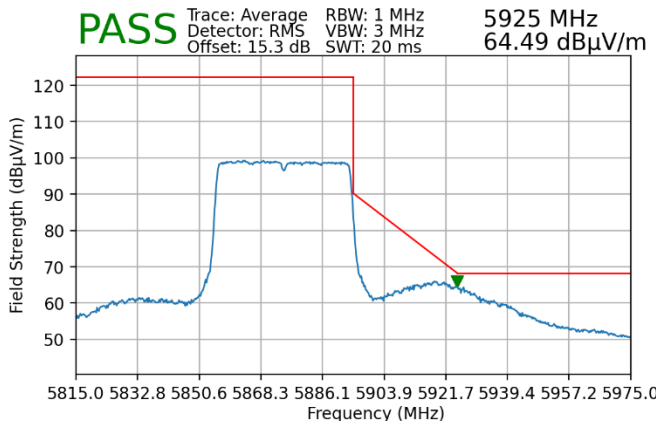


Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5835MHz
 Channel: 167

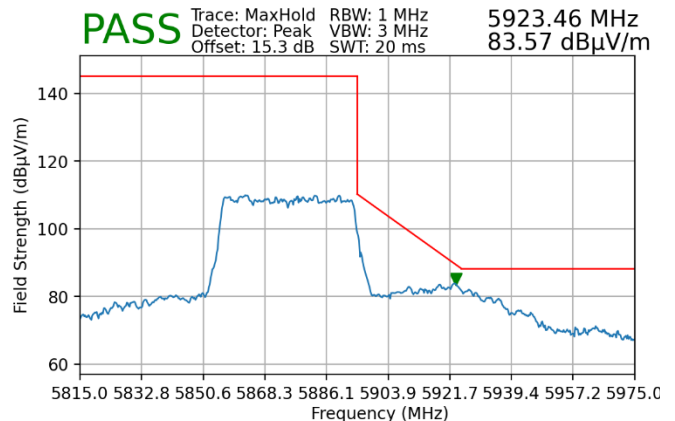


Plot 7-222. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 484 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5875MHz
 Channel: 175



Plot 7-223. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 484 Tones)

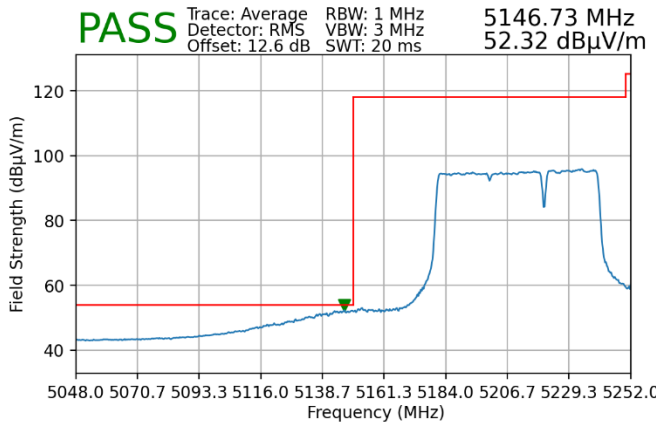


Plot 7-224. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 484 Tones)

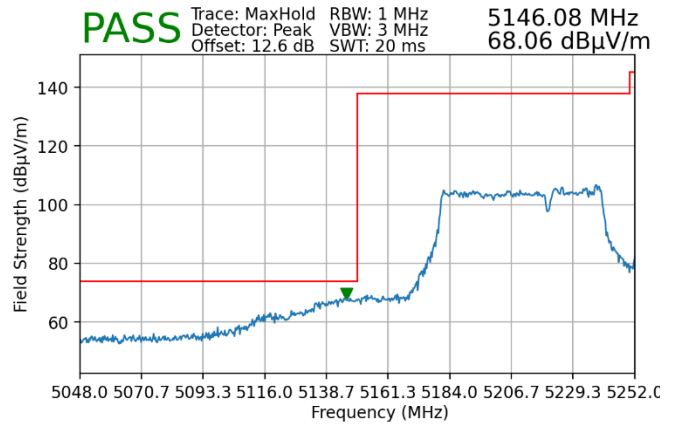
FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 148 of 161

7.6.6 MIMO Radiated Band Edge Measurements (80MHz BW – Partial Tones – 484 + 242T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	93
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

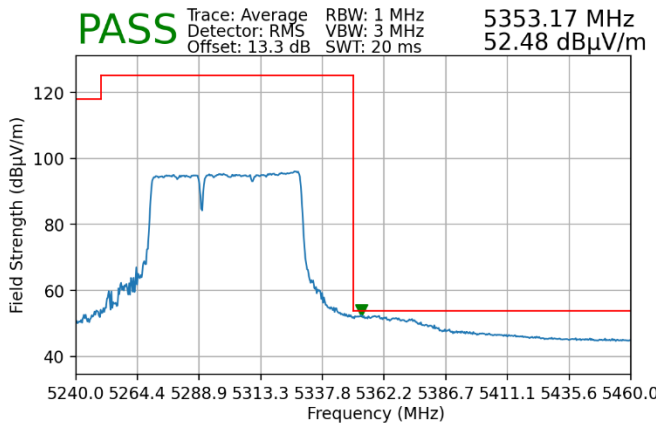


Plot 7-225. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 + 242 Tones)

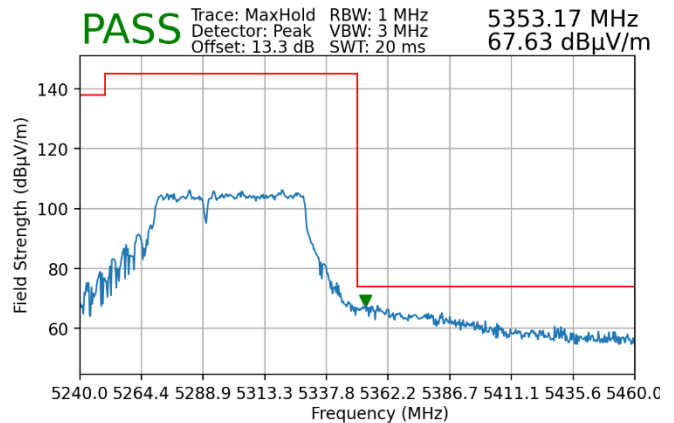


Plot 7-226. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 + 242 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	90
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



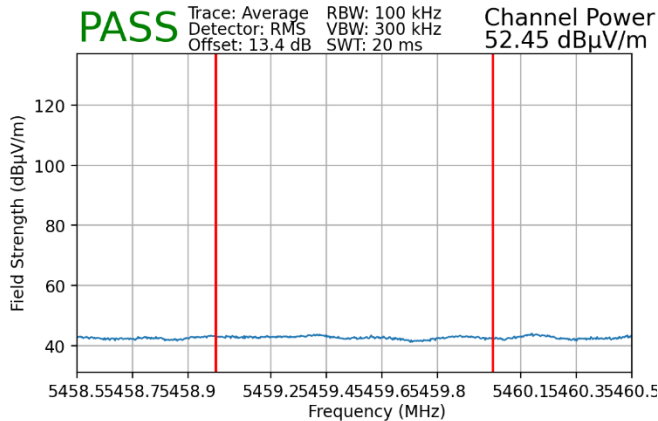
Plot 7-227. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 + 242 Tones)



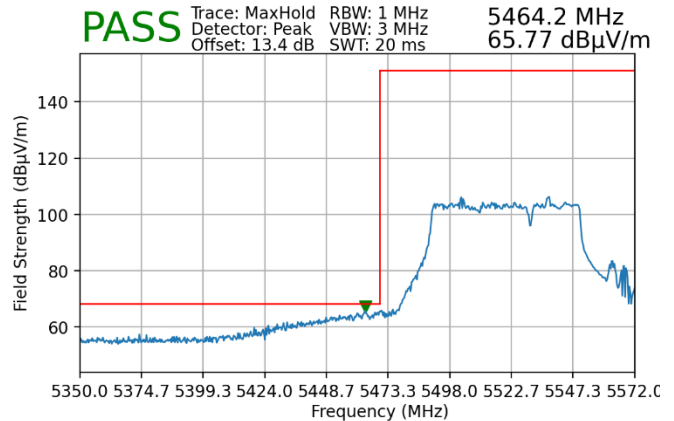
Plot 7-228. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 + 242 Tones)

FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 93
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

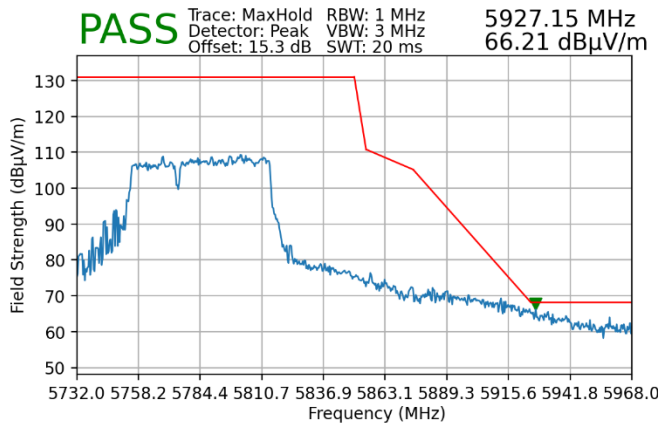


Plot 7-229. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484 + 242 Tones)



Plot 7-230. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 484 + 242 Tones)

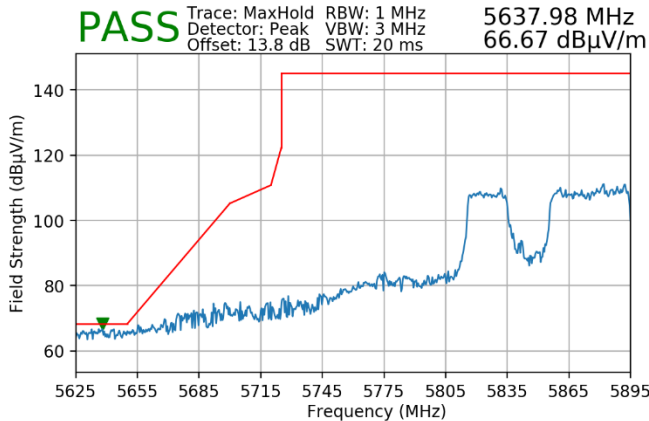
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 90
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



Plot 7-231. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484 + 242 Tones)

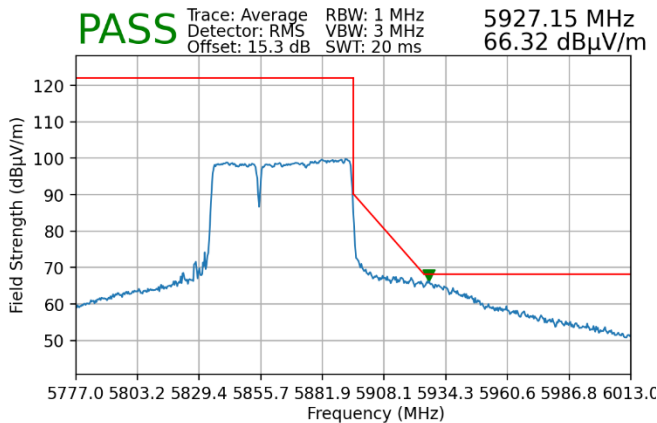
FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 91
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171

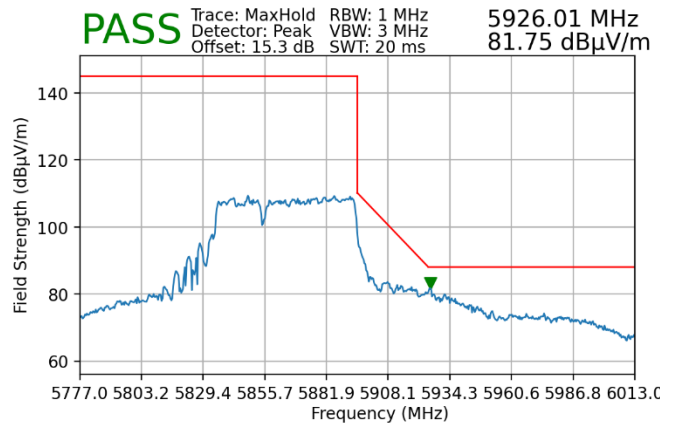


Plot 7-232. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 484 + 242 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 90
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171



Plot 7-233. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 484 + 242 Tones)

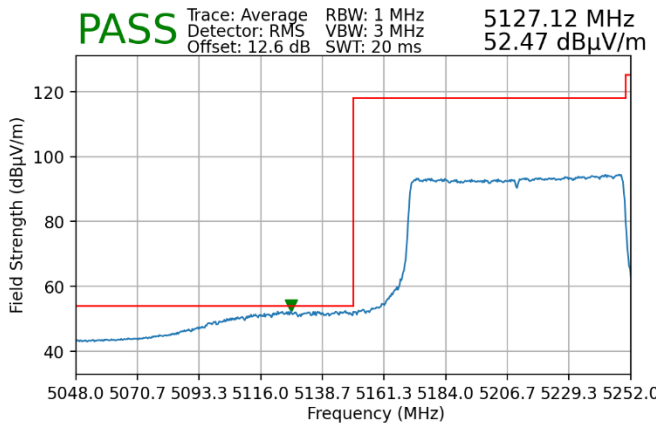


Plot 7-234. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 484 + 242 Tones)

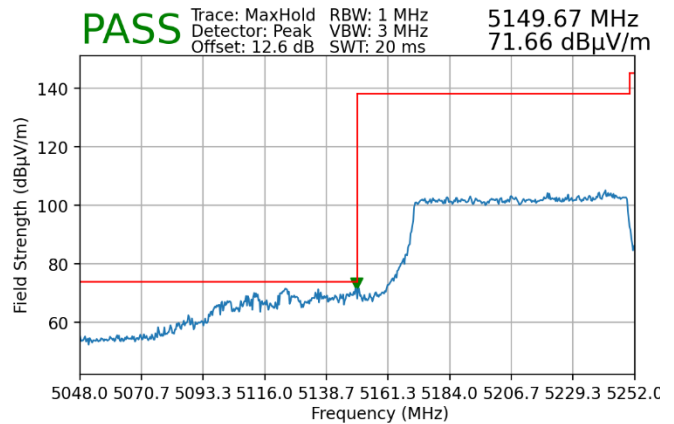
FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 151 of 161

7.6.7 MIMO Radiated Band Edge Measurements (80MHz BW – Full Tone – 996T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

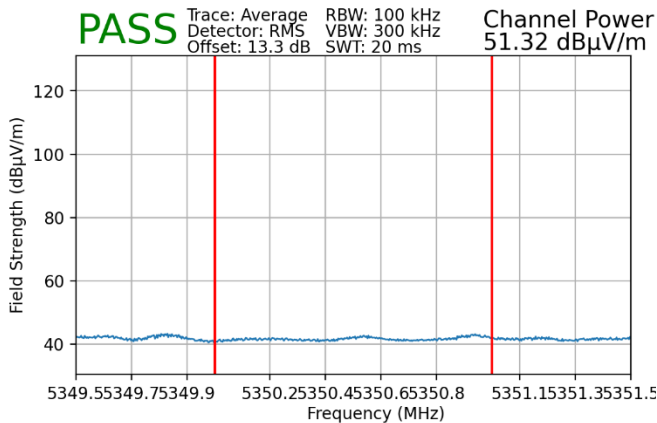


Plot 7-235. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996 Tones)

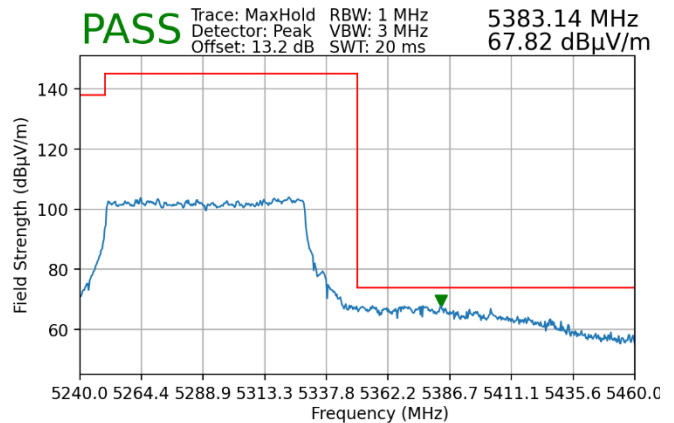


Plot 7-236. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



Plot 7-237. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996 Tones)

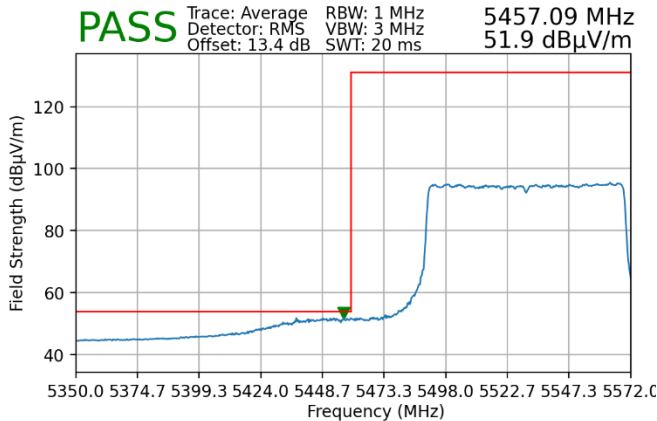


Plot 7-238. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996 Tones)

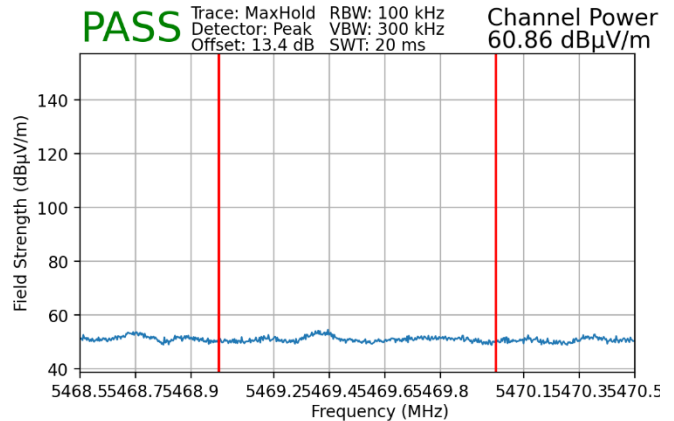
FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 152 of 161



Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

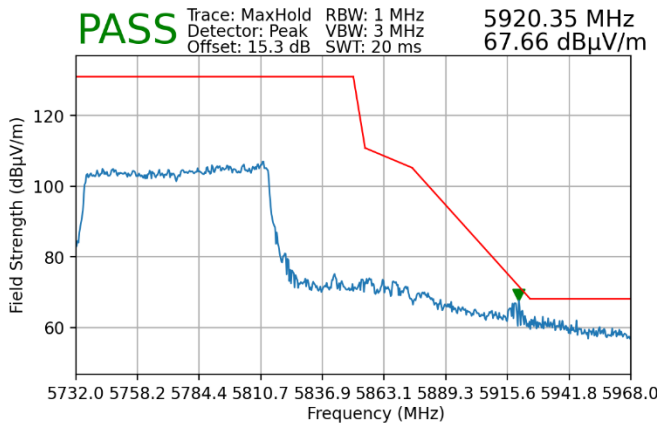


Plot 7-239. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996 Tones)



Plot 7-240. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 996 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155

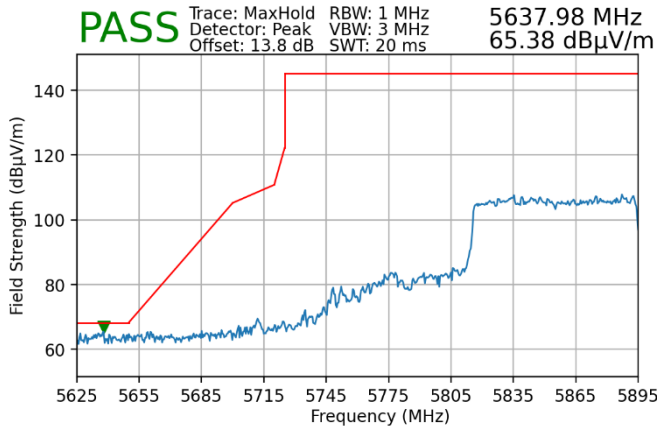


Plot 7-241. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 996 Tones)

FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 153 of 161

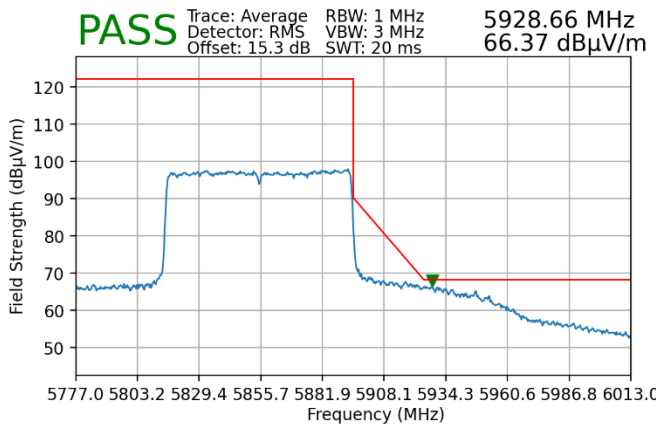


Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171

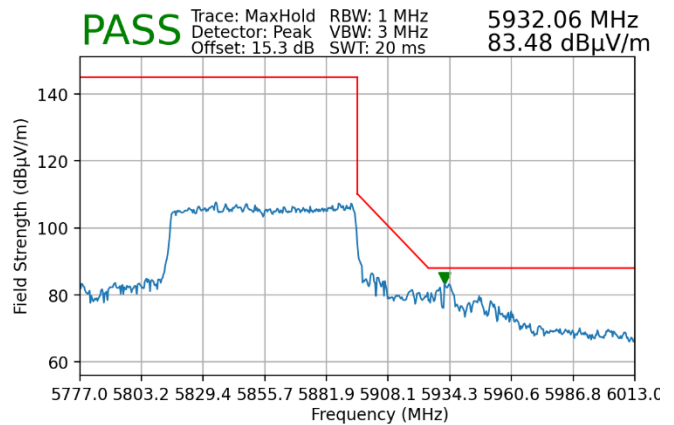


Plot 7-242. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171



Plot 7-243. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 996 Tones)

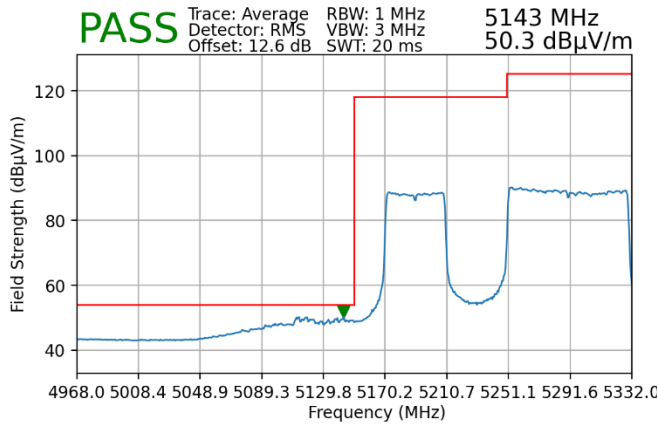


Plot 7-244. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

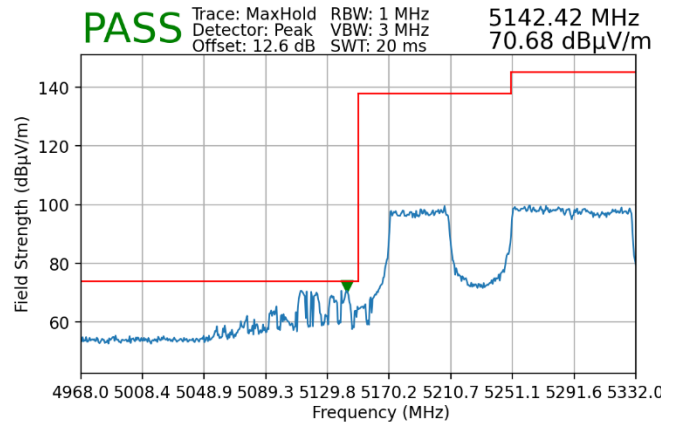
FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-20.C3K	Test Dates: 12/14/2023 - 04/11/2024	EUT Type: Portable Computing Device	Page 154 of 161

7.6.8 MIMO Radiated Band Edge Measurements (160MHz BW – Partial Tones – 996 + 484T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	95
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

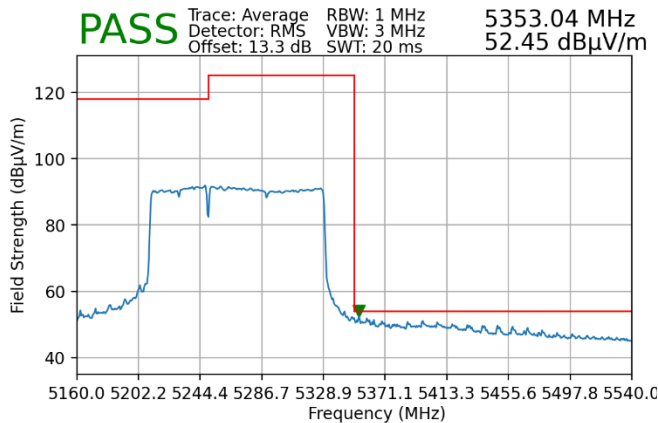


Plot 7-245. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996+484 Tones)

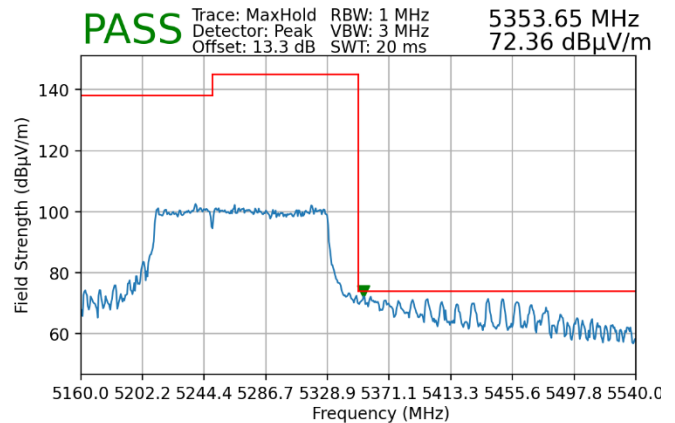


Plot 7-246. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996+484 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	94
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



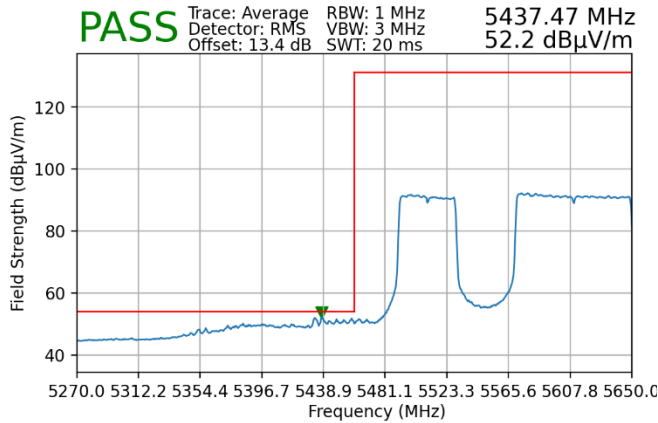
Plot 7-247. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996+484 Tones)



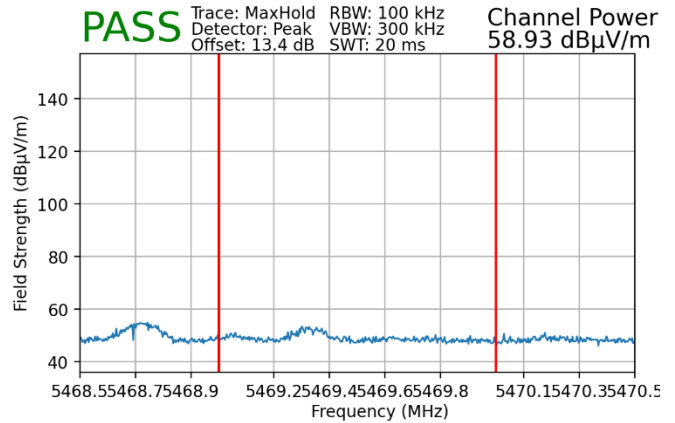
Plot 7-248. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996+484 Tones)

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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 95
 Distance of Measurements: 3 Meters
 Operating Frequency: 5570MHz
 Channel: 114



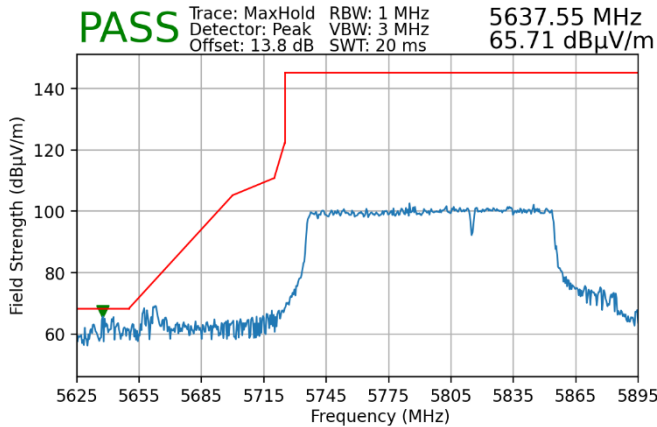
Plot 7-249. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996+484 Tones)



Plot 7-250. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 996+484 Tones)

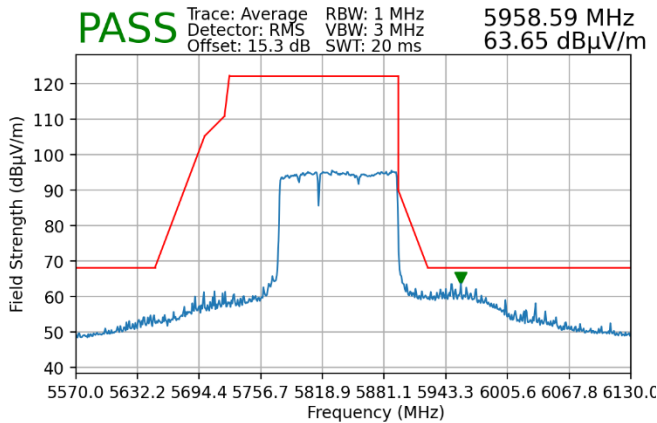
FCC ID: C3K2077	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 95
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163

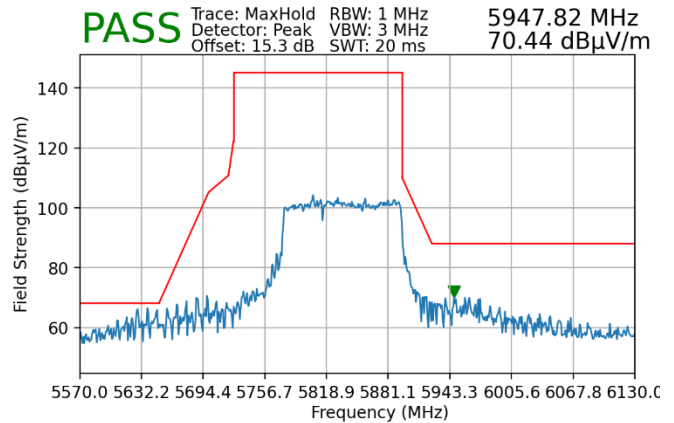


Plot 7-251. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 996+484 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 94
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



Plot 7-252. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 996+484 Tones)

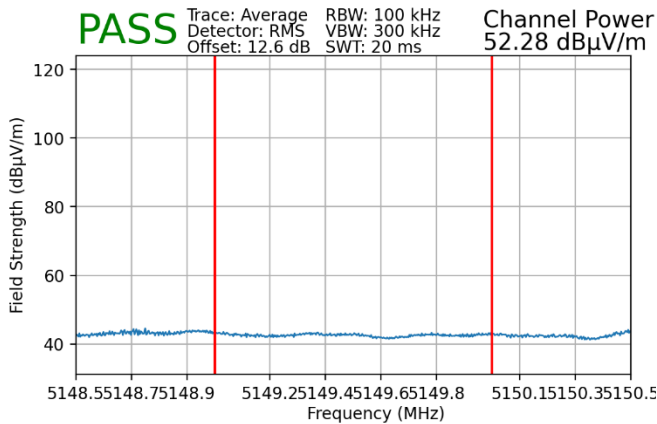


Plot 7-253. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 996+484 Tones)

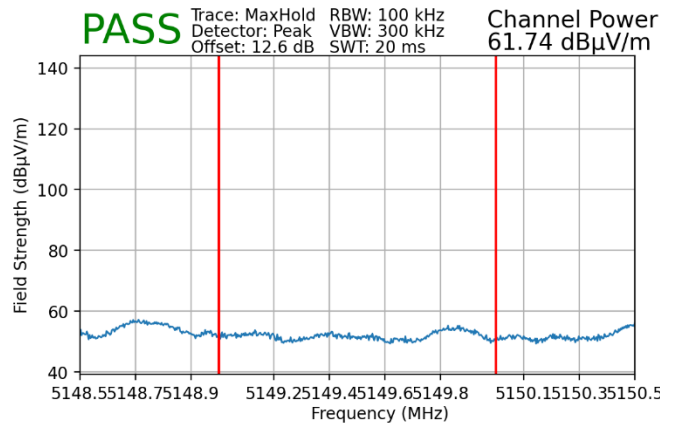
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7.6.9 MIMO Radiated Band Edge Measurements (160MHz BW – Full Tone – 2x996T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	68
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

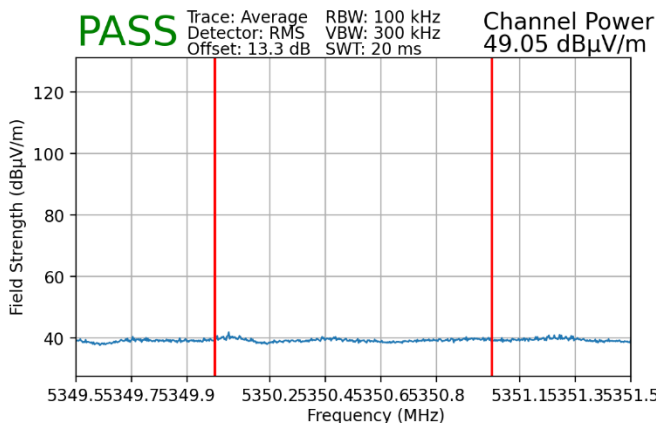


Plot 7-254. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 2x996 Tones)

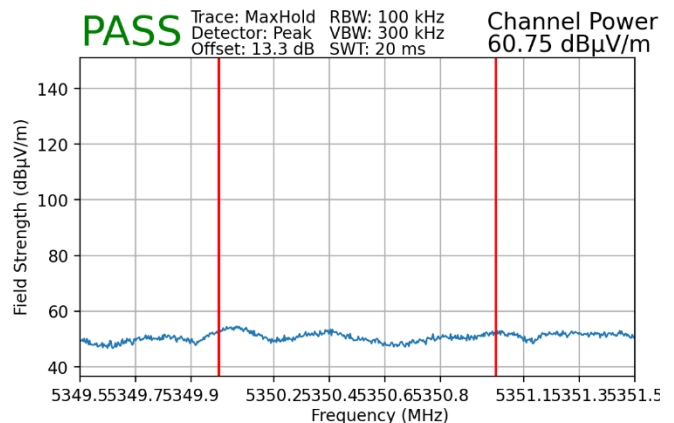


Plot 7-255. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 2x996 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	68
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



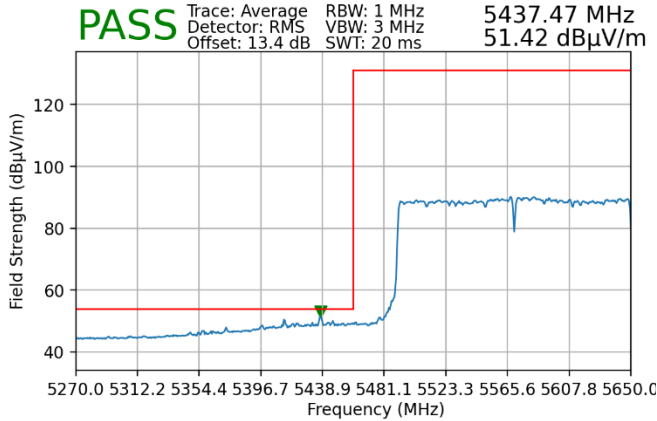
Plot 7-256. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 2x996 Tones)



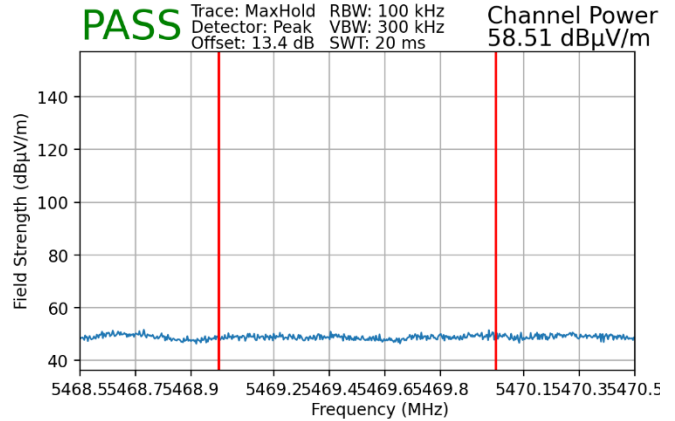
Plot 7-257. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 2x996 Tones)

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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 68
 Distance of Measurements: 3 Meters
 Operating Frequency: 5570MHz
 Channel: 114



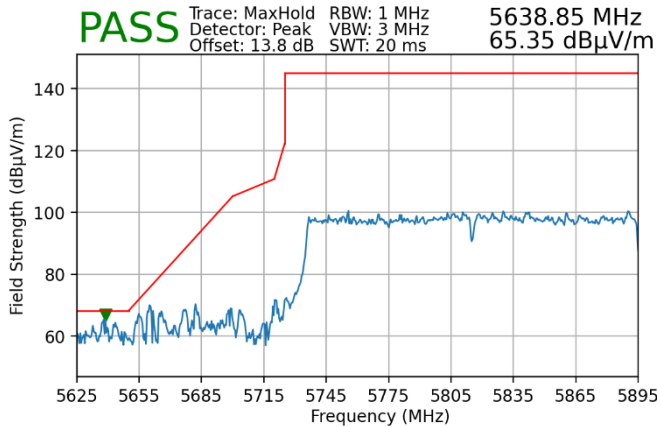
Plot 7-258. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 2x996 Tones)



Plot 7-259. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 2x996 Tones)

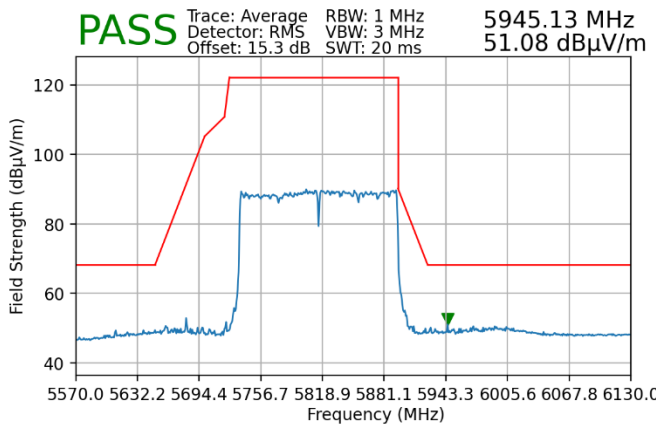
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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 68
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163

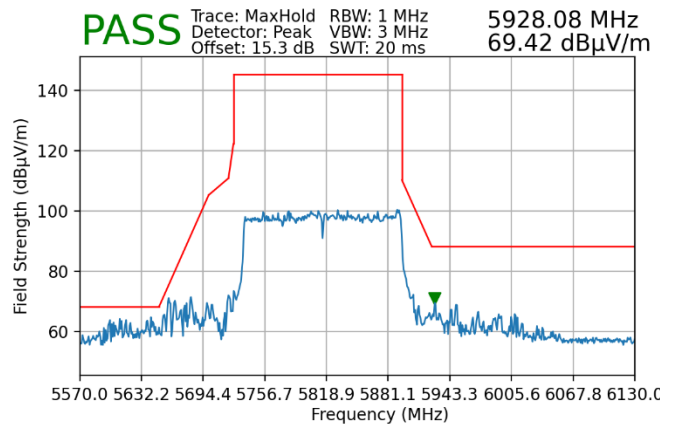


Plot 7-260. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 2x996 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 68
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



Plot 7-261. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 2x996 Tones)



Plot 7-262. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 2x996 Tones)

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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Microsoft Corporation Portable Computing Device FCC ID: C3K2077** is in compliance with FCC Part Subpart E (15.407) of the FCC rules.

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