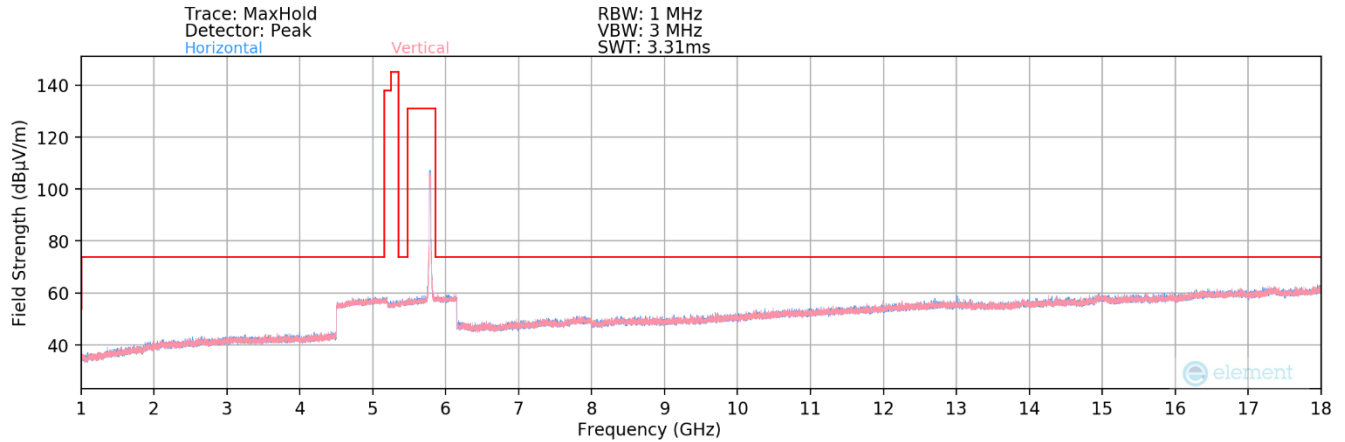
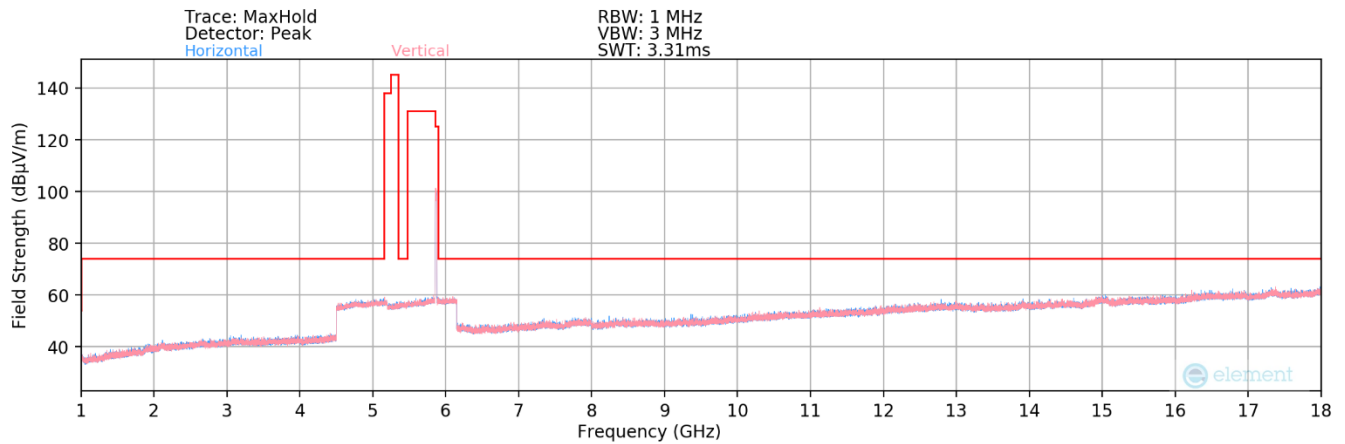
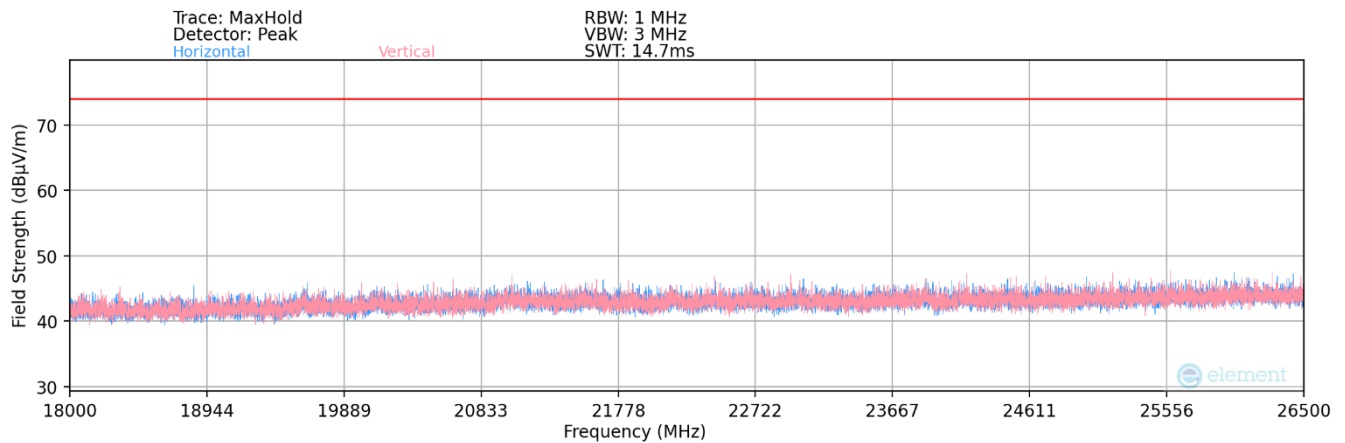




Plot 7-214. Radiated Spurious Plot above 1GHz MIMO (802.11a – UNII Band 3 Ch. 157)

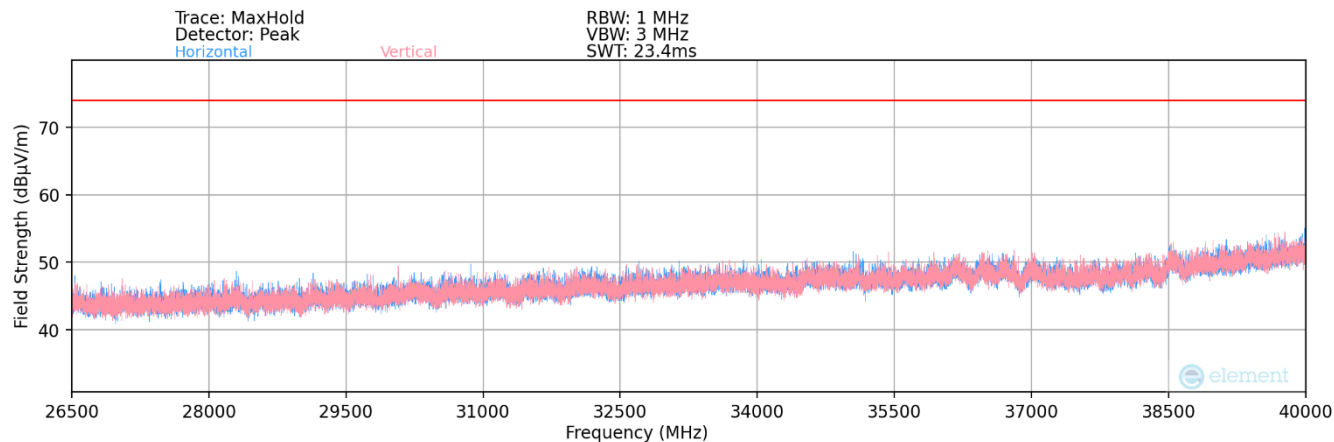


Plot 7-215. Radiated Spurious Plot above 1GHz MIMO (802.11a – UNII Band 4 Ch. 173)



Plot 7-216. Radiated Spurious Plot 18GHz – 26.5GHz MIMO (802.11a)

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 150 of 182



Plot 7-217. Radiated Spurious Plot 26.5GHz – 40GHz MIMO (802.11a)

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 151 of 182



MIMO Radiated Spurious Emission Measurements – UNII Band 1

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11a	MIMO	1	36	5180		10360.00	Peak	H	-	-	-72.07	16.34	0.00	51.27	68.20	-16.93
					*	15540.00	Average	H	-	-	-82.06	23.50	0.00	48.44	53.98	-5.54
					*	15540.00	Peak	H	-	-	-74.06	23.50	0.00	56.44	73.98	-17.54
					*	20720.00	Average	H	-	-	-65.42	2.48	-9.54	34.53	53.98	-19.45
					*	20720.00	Peak	H	-	-	-54.91	2.48	-9.54	45.03	73.98	-28.95
						25900.00	Peak	H	-	-	-54.17	4.78	-9.54	48.08	68.20	-20.12
			40	5200		10400.00	Peak	H	-	-	-72.79	16.48	0.00	50.69	68.20	-17.51
					*	15600.00	Average	H	-	-	-81.78	23.70	0.00	48.92	53.98	-5.06
					*	15600.00	Peak	H	-	-	-73.93	23.70	0.00	56.77	73.98	-17.21
					*	20800.00	Average	H	-	-	-65.39	2.52	-9.54	34.60	53.98	-19.38
					*	20800.00	Peak	H	-	-	-54.53	2.52	-9.54	45.45	73.98	-28.53
						26000.00	Peak	H	-	-	-55.15	4.78	-9.54	47.09	68.20	-21.11
			48	5240		10480.00	Peak	H	-	-	-72.25	16.73	0.00	51.48	68.20	-16.72
					*	15720.00	Average	H	-	-	-82.35	23.78	0.00	48.43	53.98	-5.55
					*	15720.00	Peak	H	-	-	-74.89	23.78	0.00	55.89	73.98	-18.09
					*	20960.00	Average	H	-	-	-65.36	2.84	-9.54	34.94	53.98	-19.04
					*	20960.00	Peak	H	-	-	-55.33	2.84	-9.54	44.97	73.98	-29.01
						26200.00	Peak	H	-	-	-54.66	4.91	-9.54	47.71	68.20	-20.49

Table 7-34. Radiated Measurements MIMO

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 152 of 182



MIMO Radiated Spurious Emission Measurements – UNII Band 2A

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11a	MIMO	2A	52	5260		10520.00	Peak	H	-	-	-72.59	16.77	0.00	51.18	68.20	-17.02
					*	15780.00	Average	H	-	-	-82.19	23.77	0.00	48.58	53.98	-5.40
					*	15780.00	Peak	H	-	-	-72.89	23.77	0.00	57.88	73.98	-16.10
					*	21040.00	Average	H	-	-	-64.92	2.92	-9.54	35.47	53.98	-18.51
					*	21040.00	Peak	H	-	-	-53.77	2.92	-9.54	46.62	73.98	-27.36
			56	5280		26300.00	Peak	H	-	-	-53.95	4.91	-9.54	48.42	68.20	-19.78
						10560.00	Peak	H	-	-	-73.15	16.98	0.00	50.83	68.20	-17.37
					*	15840.00	Average	H	-	-	-82.35	23.95	0.00	48.60	53.98	-5.38
					*	15840.00	Peak	H	-	-	-74.23	23.95	0.00	56.72	73.98	-17.26
					*	21120.00	Average	H	-	-	-65.22	2.87	-9.54	35.11	53.98	-18.87
			64	5320	*	21120.00	Peak	H	-	-	-55.21	2.87	-9.54	45.12	73.98	-28.86
						26400.00	Peak	H	-	-	-54.75	4.85	-9.54	47.56	68.20	-20.64
					*	10640.00	Average	H	-	-	-81.42	17.30	0.00	42.88	53.98	-11.10
					*	10640.00	Peak	H	-	-	-73.76	17.30	0.00	50.54	73.98	-23.44
					*	15960.00	Average	H	-	-	-81.87	24.42	0.00	49.55	53.98	-4.43
					*	15960.00	Peak	H	-	-	-73.58	24.42	0.00	57.84	73.98	-16.14
					*	21280.00	Average	H	-	-	-65.06	2.96	-9.54	35.36	53.98	-18.62
					*	21280.00	Peak	H	-	-	-55.58	2.96	-9.54	44.85	73.98	-29.13
						26600.00	Peak	H	-	-	-53.24	5.05	-9.54	49.27	68.20	-18.93

Table 7-35. Radiated Measurements MIMO

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 153 of 182



MIMO Radiated Spurious Emission Measurements – UNII Band 2C

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11a	MIMO	2C	100	5500	*	11000.00	Average	H	-	-	-81.58	17.72	0.00	43.14	53.98	-10.84
					*	11000.00	Peak	H	-	-	-73.32	17.72	0.00	51.40	73.98	-22.58
						16500.00	Peak	H	-	-	-73.86	25.70	-9.54	49.30	68.20	-18.90
						22000.00	Peak	H	-	-	-54.78	3.01	-9.54	45.69	68.20	-22.51
						27500.00	Peak	H	-	-	-54.99	5.00	-9.54	47.47	68.20	-20.73
			120	5600	*	11200.00	Average	H	-	-	-81.29	17.71	0.00	43.42	53.98	-10.56
					*	11200.00	Peak	H	-	-	-72.33	17.71	0.00	52.38	73.98	-21.60
						16800.00	Peak	H	-	-	-73.47	25.37	0.00	58.90	68.20	-9.30
					*	22400.00	Average	H	-	-	-65.22	3.44	-9.54	35.68	53.98	-18.30
					*	22400.00	Peak	H	-	-	-55.06	3.44	-9.54	45.84	73.98	-28.14
			144	5720		28000.00	Peak	H	-	-	-54.68	5.31	-9.54	48.09	68.20	-20.11
					*	11440.00	Average	H	-	-	-81.59	18.23	0.00	43.64	53.98	-10.34
					*	11440.00	Peak	H	-	-	-73.48	18.23	0.00	51.75	73.98	-22.23
						17160.00	Peak	H	-	-	-73.69	25.61	0.00	58.92	68.20	-9.28
					*	22880.00	Average	H	-	-	-65.19	3.60	-9.54	35.87	53.98	-18.11
					*	22880.00	Peak	H	-	-	-55.17	3.60	-9.54	45.90	73.98	-28.08
						28600.00	Peak	H	-	-	-55.12	5.30	-9.54	47.65	68.20	-20.55

Table 7-36. Radiated Measurements MIMO

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 154 of 182



MIMO Radiated Spurious Emission Measurements – UNII Band 3

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11a	MIMO	3	149	5745	*	11490.00	Average	H	-	-	-82.02	18.54	0.00	43.52	53.98	-10.46
					*	11490.00	Peak	H	-	-	-73.46	18.54	0.00	52.08	73.98	-21.90
						17235.00	Peak	H	-	-	-73.97	26.00	0.00	59.03	68.20	-9.17
					*	22980.00	Average	H	-	-	-65.46	3.63	-9.54	35.63	53.98	-18.35
					*	22980.00	Peak	H	-	-	-55.34	3.63	-9.54	45.75	73.98	-28.23
			157	5785		28725.00	Peak	H	-	-	-55.71	5.24	-9.54	46.99	68.20	-21.21
					*	11570.00	Average	H	-	-	-81.52	18.38	0.00	43.86	53.98	-10.12
					*	11570.00	Peak	H	-	-	-73.56	18.38	0.00	51.82	73.98	-22.16
						17355.00	Peak	H	-	-	-73.41	27.29	0.00	60.88	68.20	-7.32
						23140.00	Peak	H	-	-	-55.00	3.75	-9.54	46.21	68.20	-21.99
			165	5825		28925.00	Peak	H	-	-	-54.65	5.12	-9.54	47.93	68.20	-20.27
					*	11650.00	Average	H	-	-	-81.64	18.28	0.00	43.64	53.98	-10.34
					*	11650.00	Peak	H	-	-	-73.75	18.28	0.00	51.53	73.98	-22.45
						17475.00	Peak	H	-	-	-74.88	26.78	0.00	58.90	68.20	-9.30
						23300.00	Peak	H	-	-	-54.29	3.73	-9.54	46.90	68.20	-21.30
						29125.00	Peak	H	-	-	-54.94	5.23	-9.54	47.76	68.20	-20.44

Table 7-37. Radiated Measurements MIMO

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 155 of 182



MIMO Radiated Spurious Emission Measurements – UNII Band 4

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
Distance of Measurements: 1 & 3 Meters

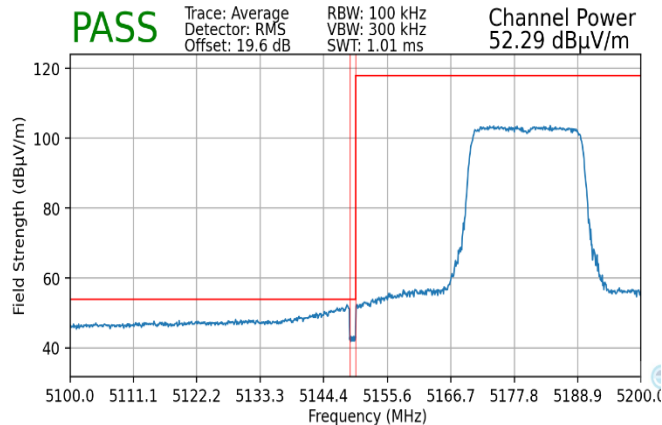
Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11a	MIMO	4	169	5845	*	11690.00	Average	H	-	-	-81.53	18.71	0.00	44.18	53.98	-9.80
					*	11690.00	Peak	H	-	-	-73.80	18.71	0.00	51.91	73.98	-22.07
						17535.00	Peak	H	-	-	-74.24	26.83	0.00	59.59	68.20	-8.61
						23380.00	Peak	H	-	-	-54.69	3.80	-9.54	46.57	68.20	-21.63
			173	5865		29225.00	Peak	H	-	-	-54.57	5.22	-9.54	48.11	68.20	-20.09
					*	11730.00	Average	H	-	-	-81.35	18.40	0.00	44.05	53.98	-9.93
					*	11730.00	Peak	H	-	-	-73.46	18.40	0.00	51.94	73.98	-22.04
						17595.00	Peak	H	-	-	-74.56	26.78	0.00	59.22	68.20	-8.98
						23460.00	Peak	H	-	-	-55.33	3.86	-9.54	46.00	68.20	-22.20
						29325.00	Peak	H	-	-	-54.61	5.14	-9.54	47.99	68.20	-20.21
			177	5885	*	11770.00	Average	H	-	-	-81.71	18.55	0.00	43.84	53.98	-10.14
					*	11770.00	Peak	H	-	-	-73.36	18.55	0.00	52.19	73.98	-21.79
						17655.00	Peak	H	-	-	-74.22	26.68	0.00	59.46	68.20	-8.74
						23540.00	Peak	H	-	-	-54.91	4.01	-9.54	46.56	68.20	-21.64
						29425.00	Peak	H	-	-	-54.25	5.11	-9.54	48.31	68.20	-19.89

Table 7-38. Radiated Measurements MIMO

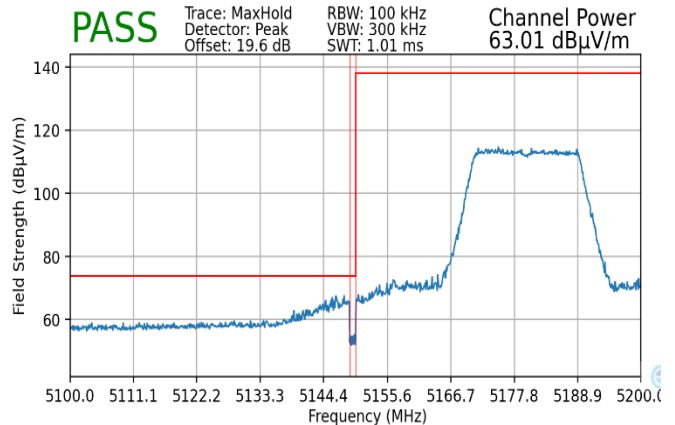
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 156 of 182

7.6.2 MIMO Radiated Band Edge Measurements (20MHz BW)

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

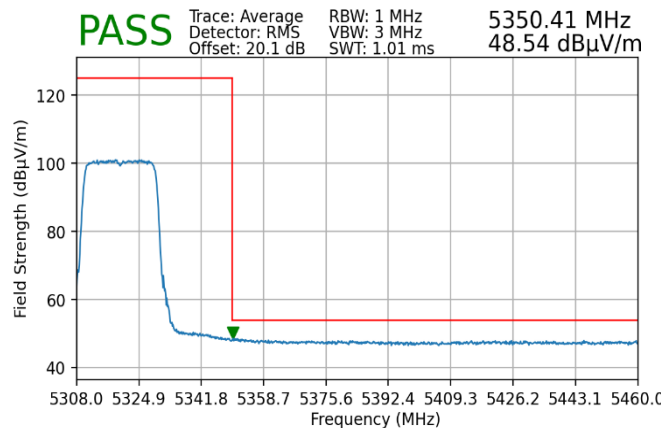


Plot 7-218. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

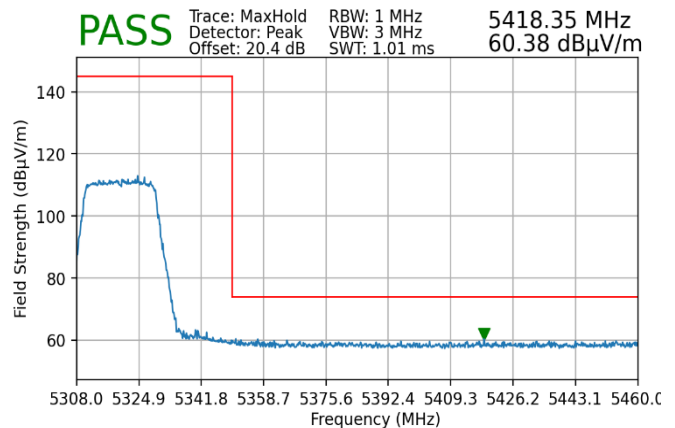


Plot 7-219. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64



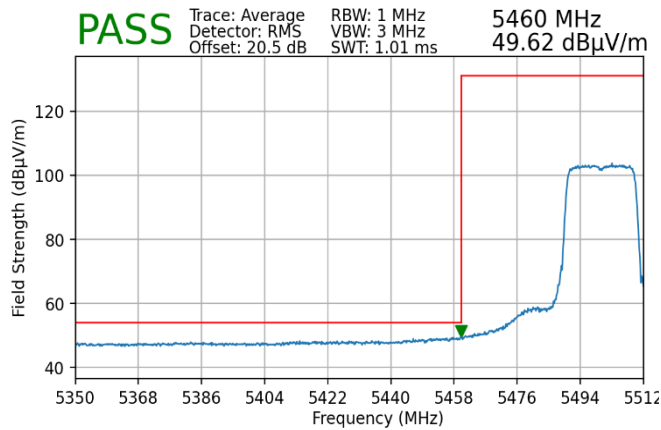
Plot 7-220. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



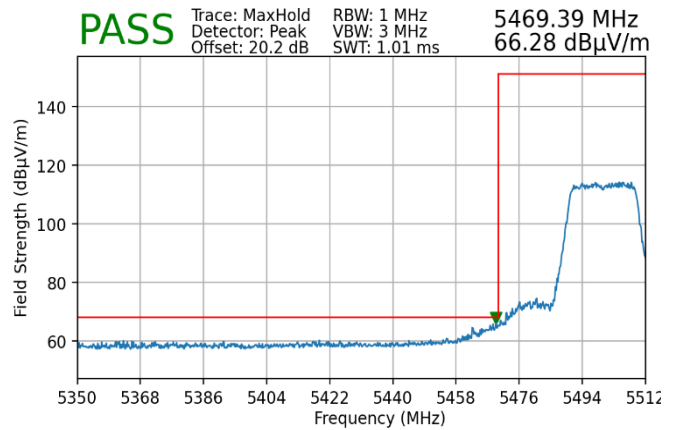
Plot 7-221. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 157 of 182

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

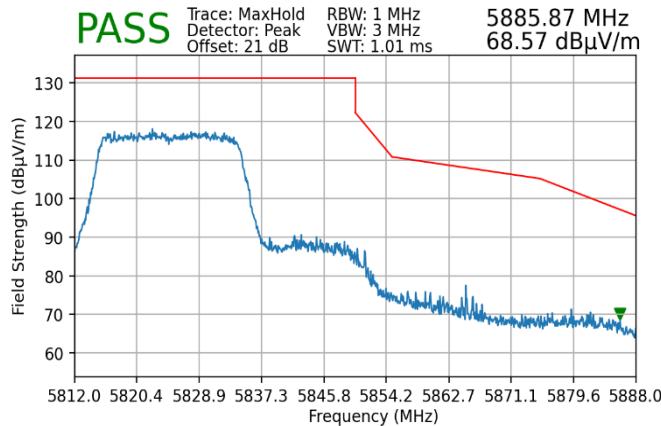


Plot 7-222. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-223. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

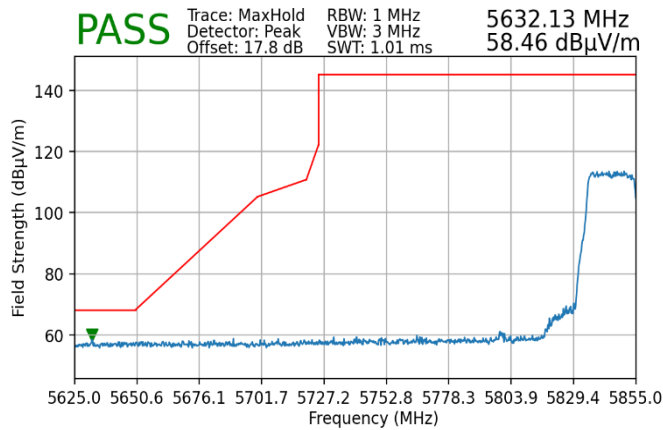
Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165



Plot 7-224. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

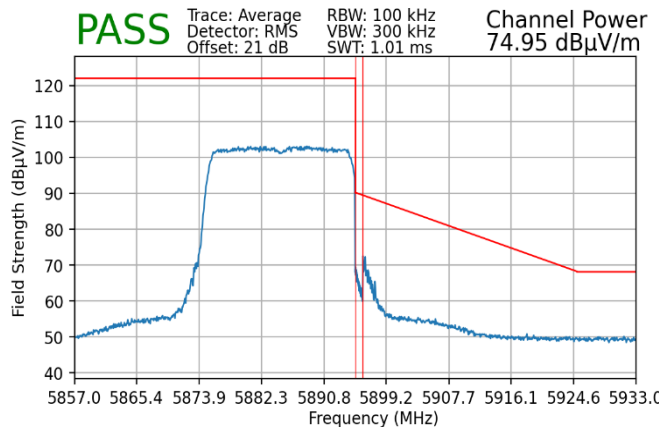
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 158 of 182

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

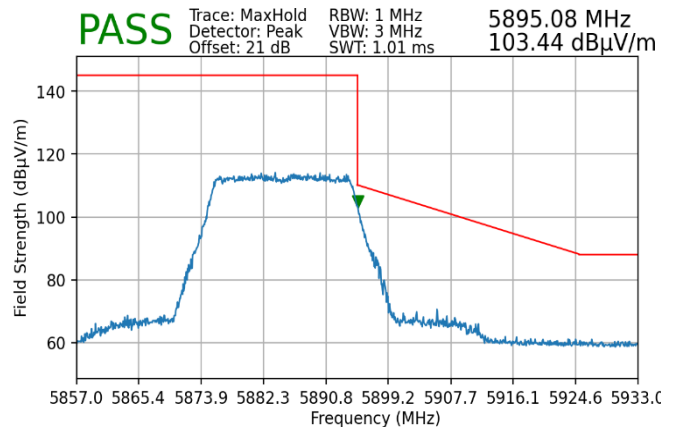


Plot 7-225. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

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



Plot 7-226. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4)

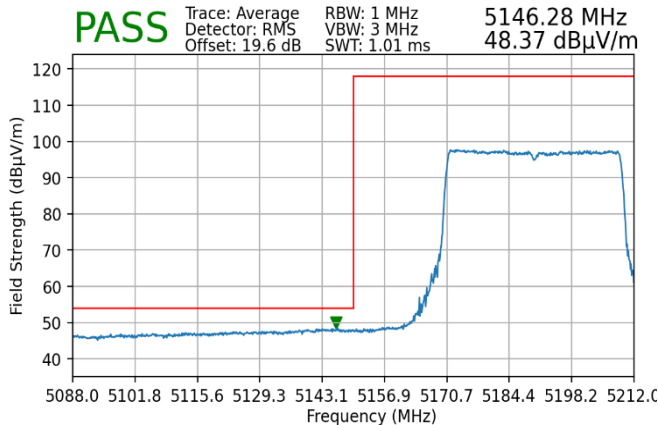


Plot 7-227. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4)

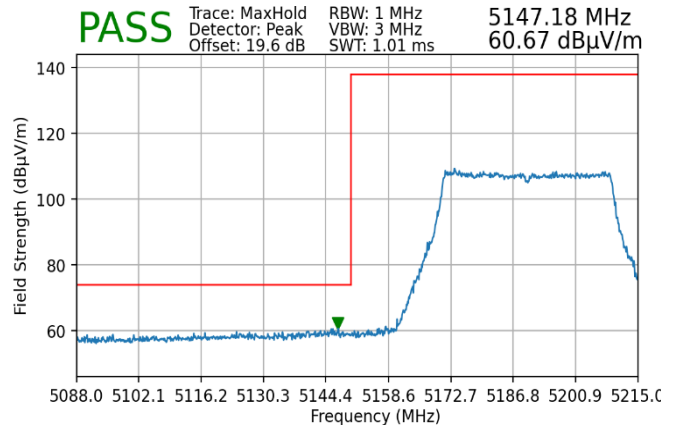
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 159 of 182

7.6.3 MIMO Radiated Band Edge Measurements (40MHz BW)

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

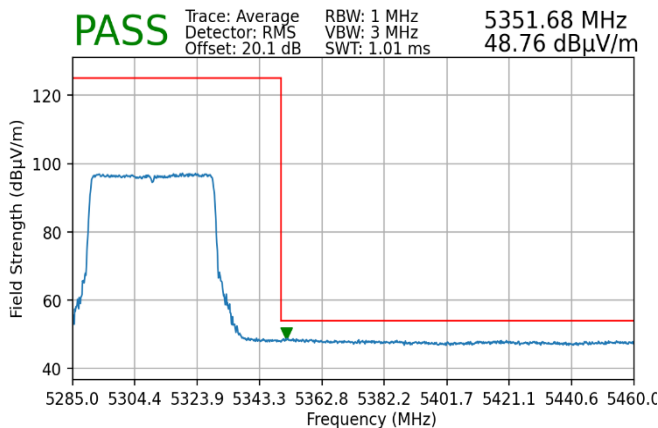


Plot 7-228. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

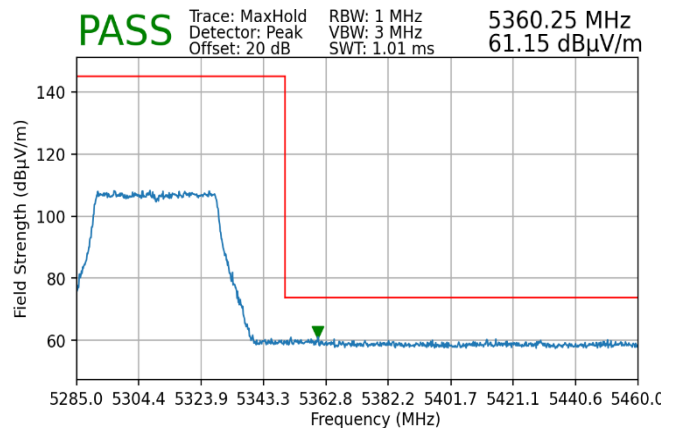


Plot 7-229. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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



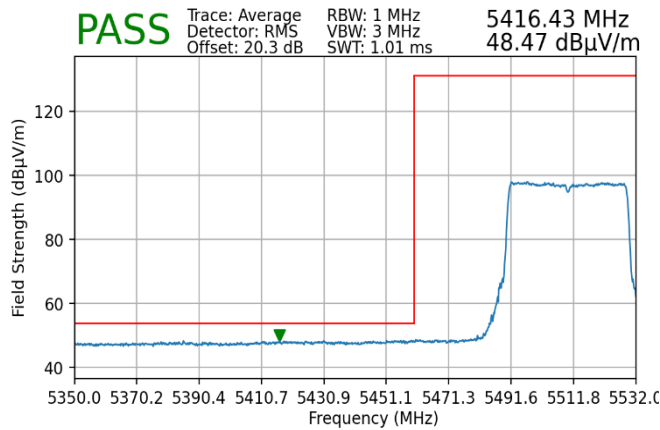
Plot 7-230. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



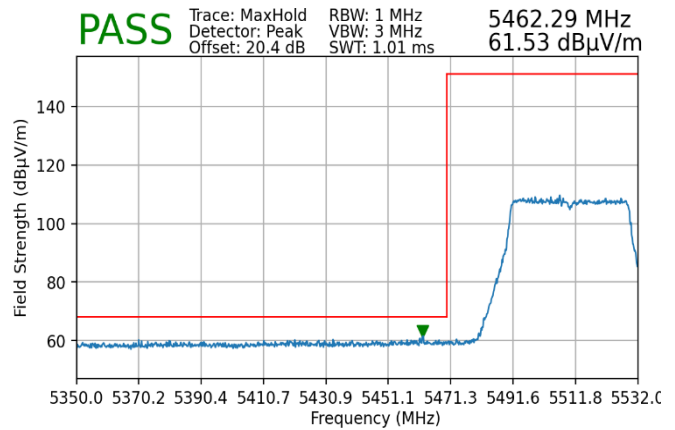
Plot 7-231. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 160 of 182

Worst Case Mode: 802.11be
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5510MHz
Channel: 102

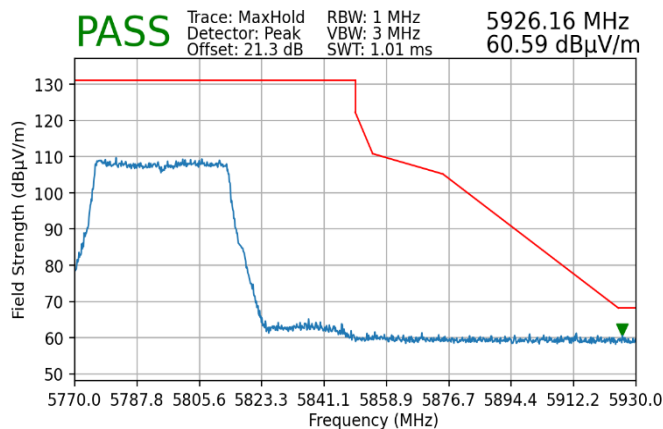


Plot 7-232. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-233. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

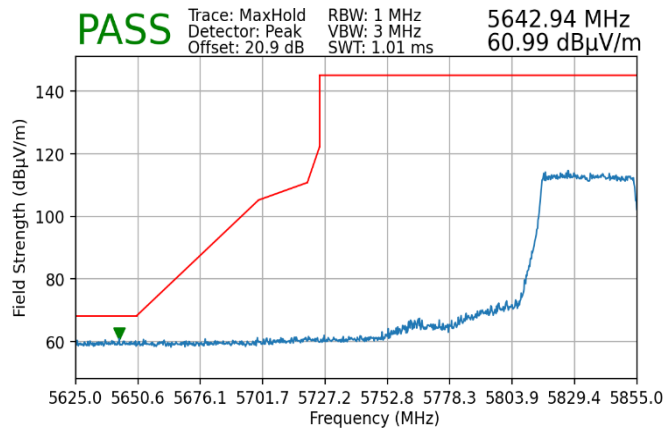
Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5795MHz
Channel: 159



Plot 7-234. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

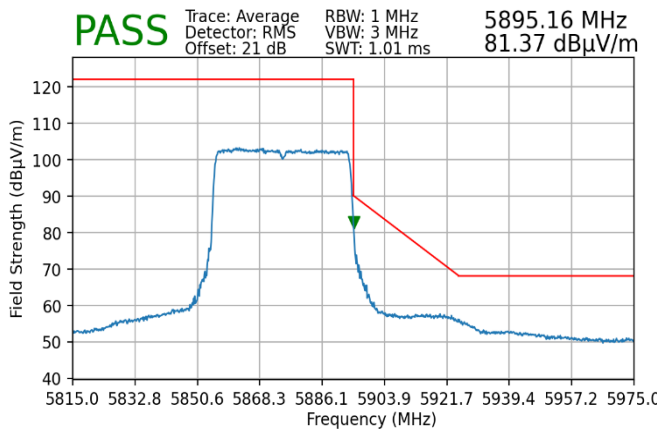
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 161 of 182

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

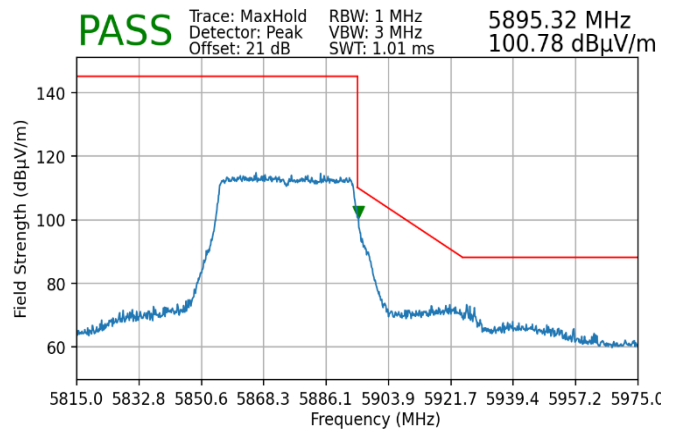


Plot 7-235. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5875MHz
Channel: 175



Plot 7-236. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4)

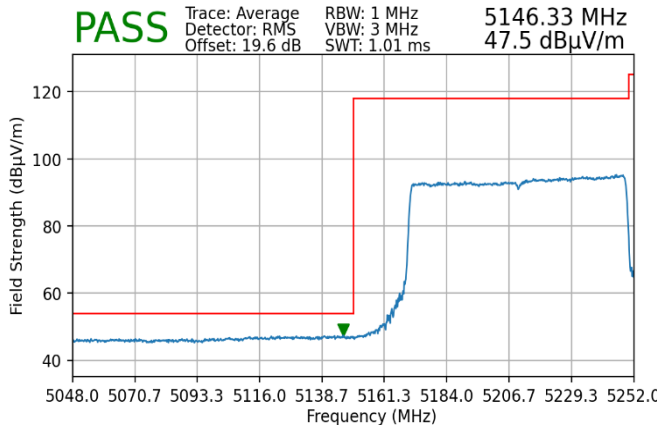


Plot 7-237. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4)

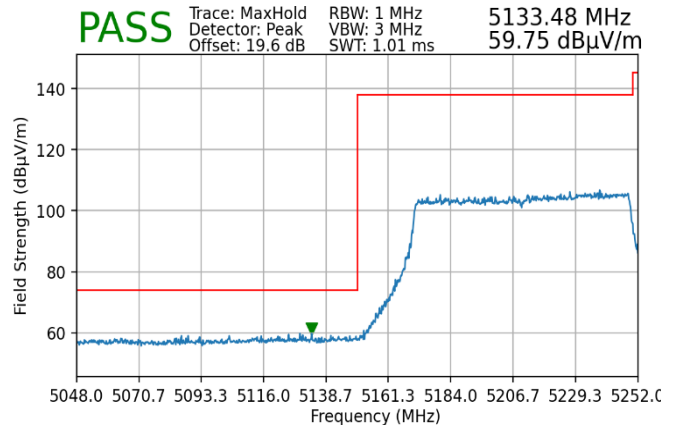
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 162 of 182

7.6.4 MIMO Radiated Band Edge Measurements (80MHz BW)

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

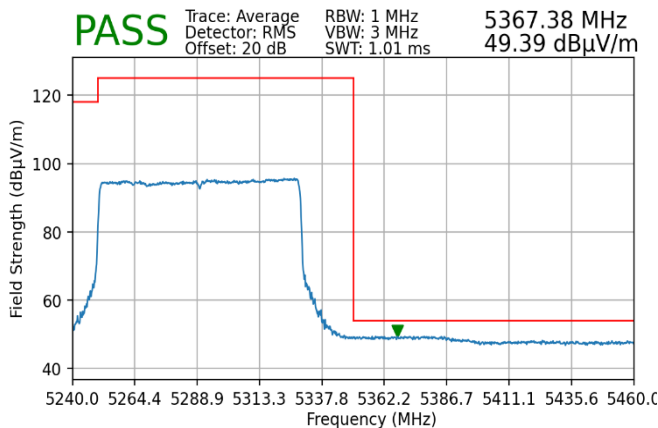


Plot 7-238. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

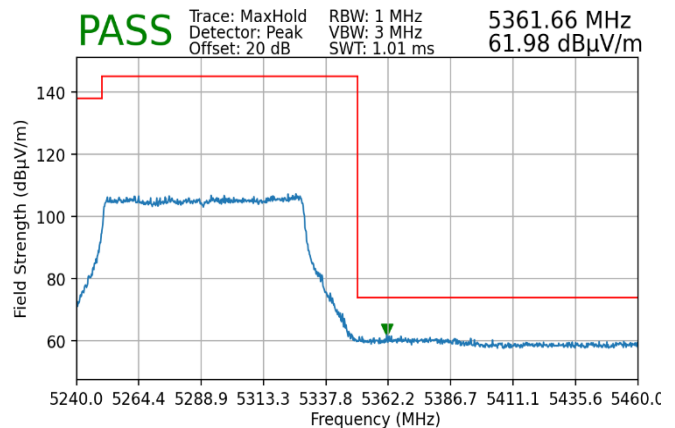


Plot 7-239. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



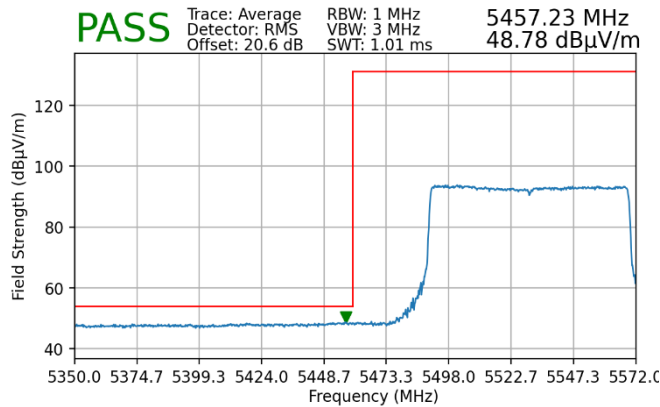
Plot 7-240. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



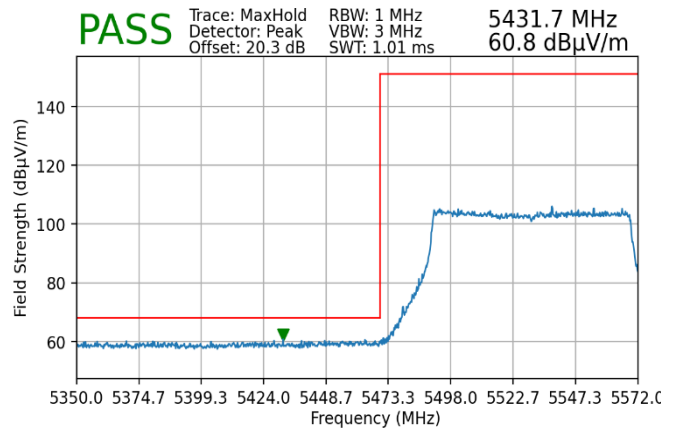
Plot 7-241. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5530MHz
Channel: 106

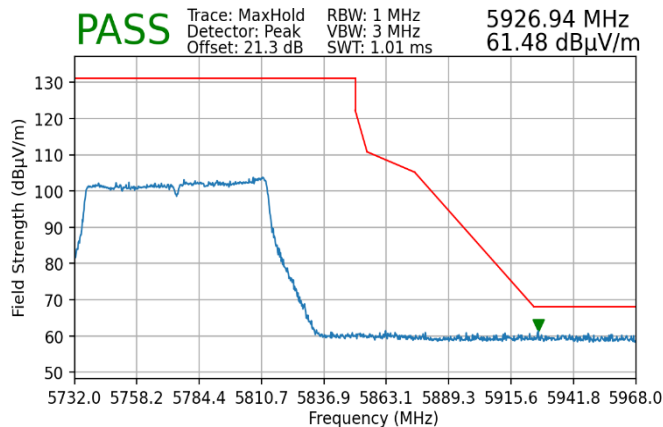


Plot 7-242. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-243. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

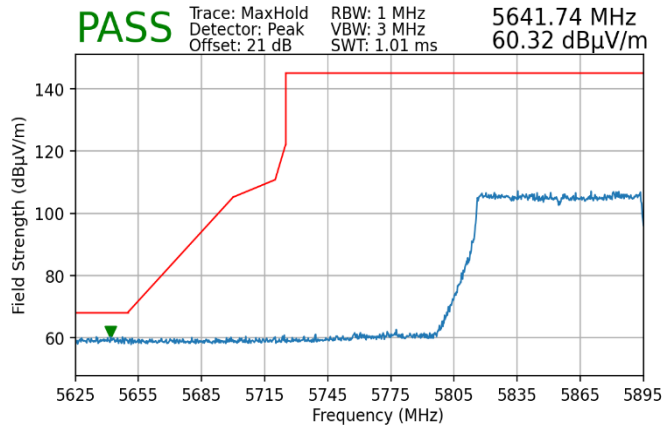
Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5775MHz
Channel: 155



Plot 7-244. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

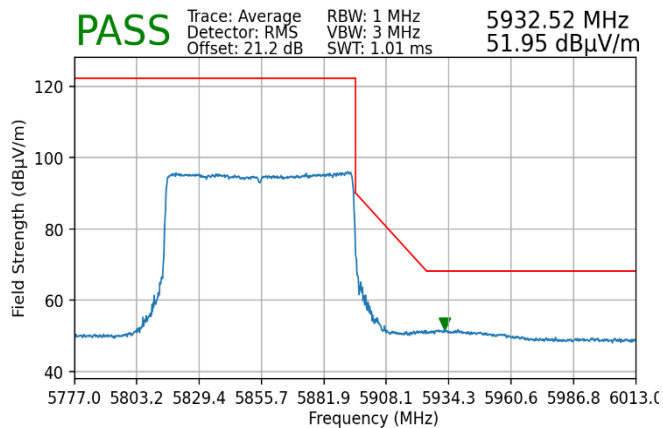
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 164 of 182

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5855MHz
Channel:	171

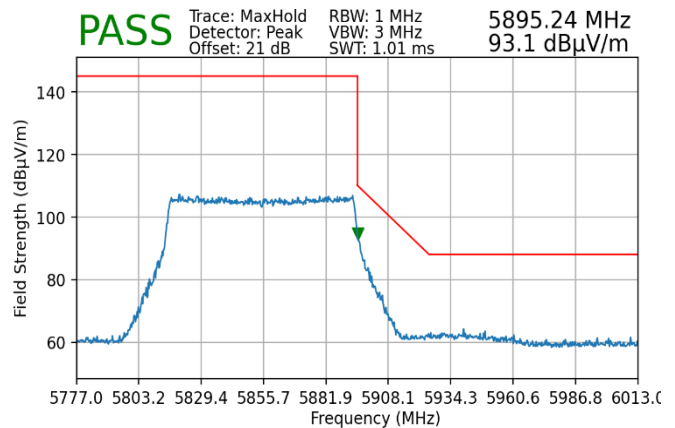


Plot 7-245. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5855MHz
Channel:	171



Plot 7-246. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4)

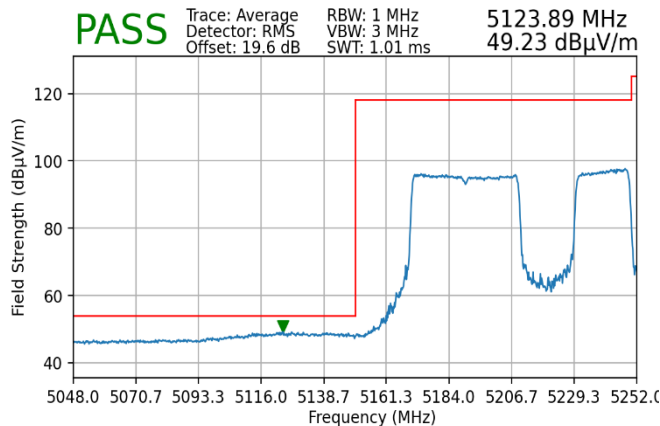


Plot 7-247. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4)

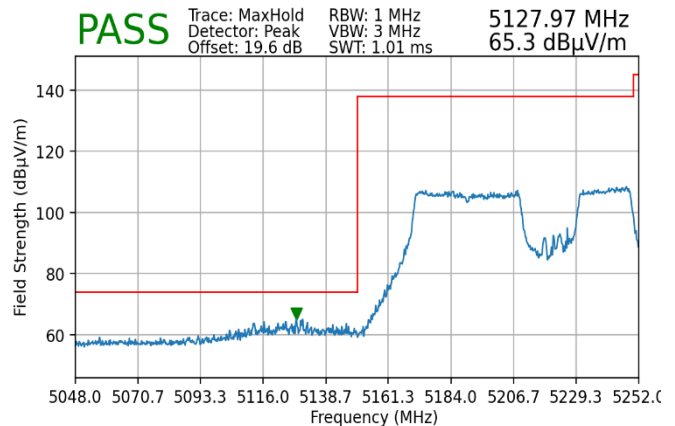
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 165 of 182

7.6.5 MIMO Radiated Band Edge Measurements (80MHz BW - Punctured)

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

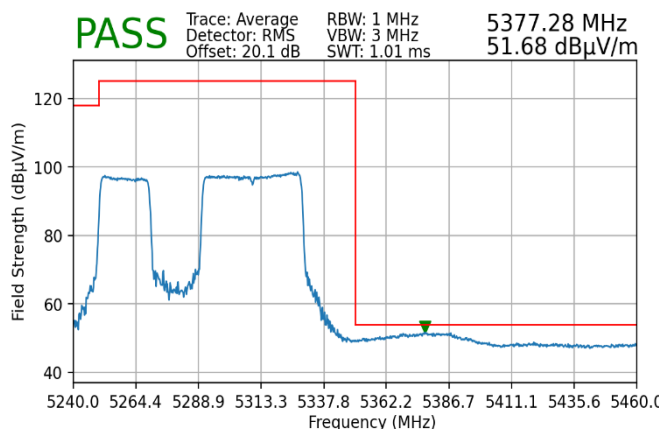


Plot 7-248. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

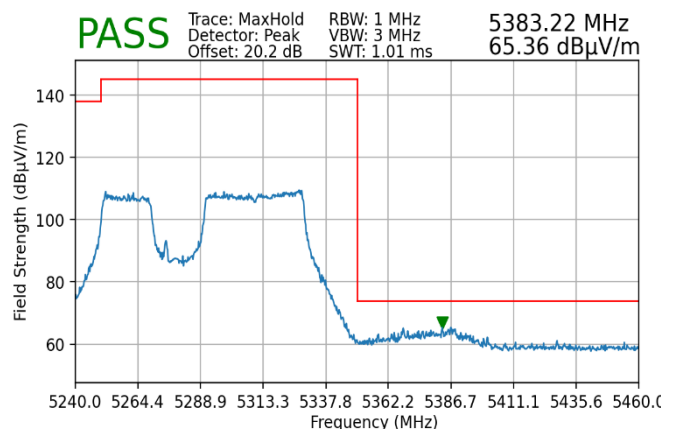


Plot 7-249. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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



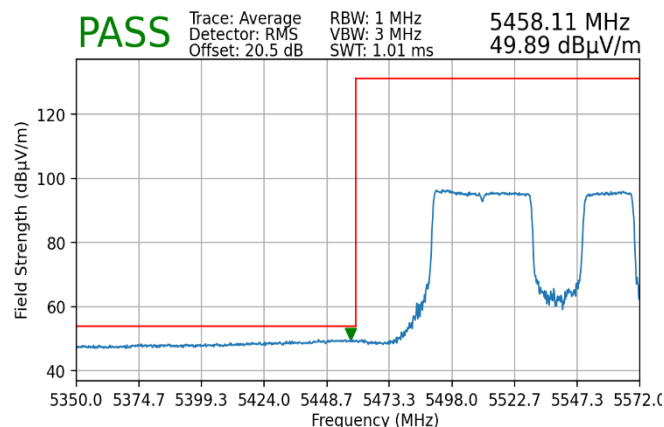
Plot 7-250. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



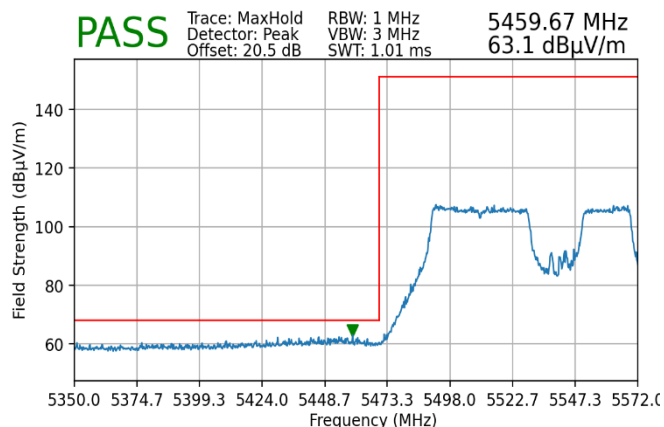
Plot 7-251. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 166 of 182

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



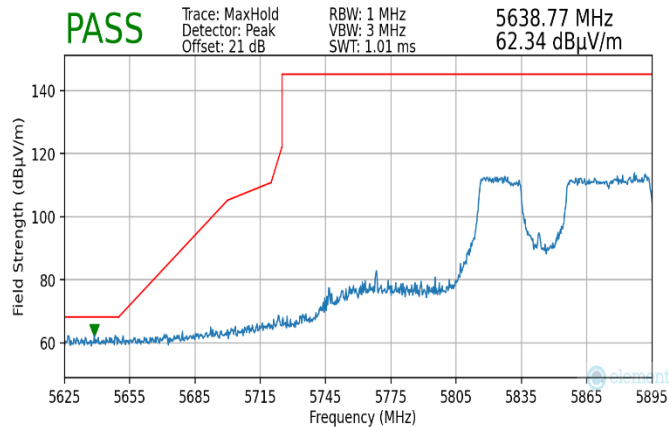
Plot 7-252. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-253. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

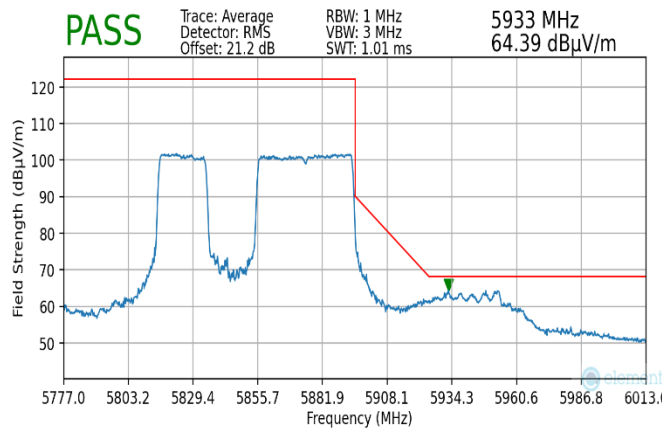
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 167 of 182

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

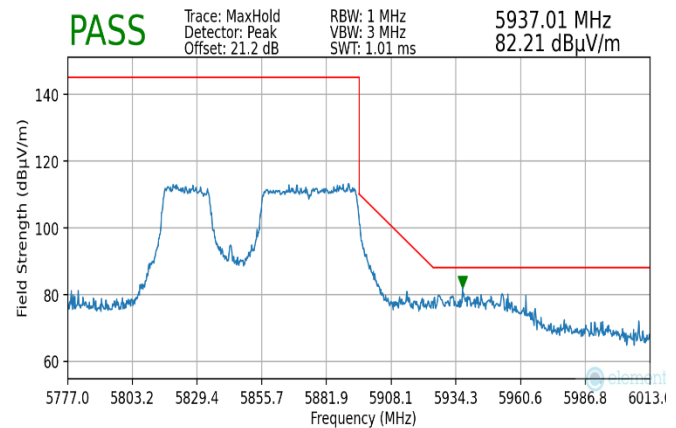


Plot 7-254. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171



Plot 7-255. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4)

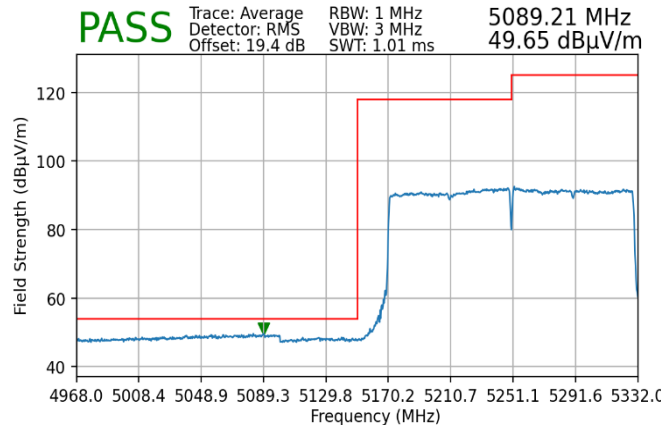


Plot 7-256. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4)

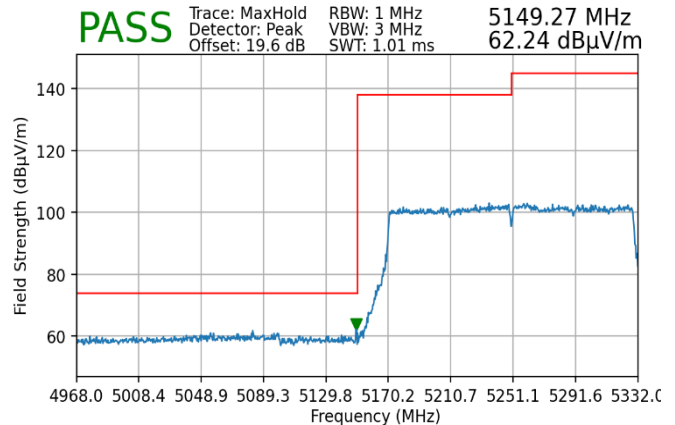
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 168 of 182

7.6.6 MIMO Radiated Band Edge Measurements (160MHz BW)

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

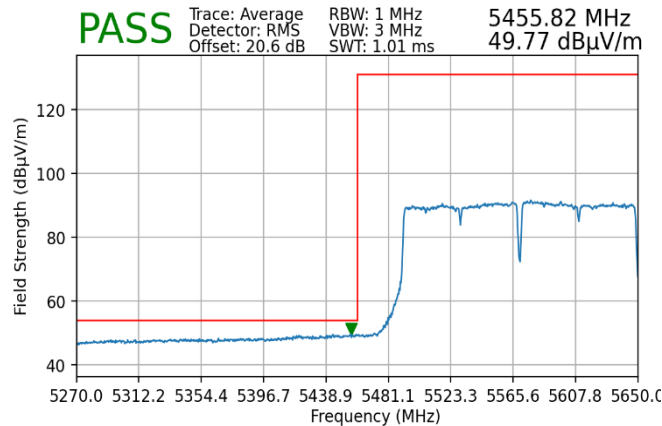


Plot 7-257. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

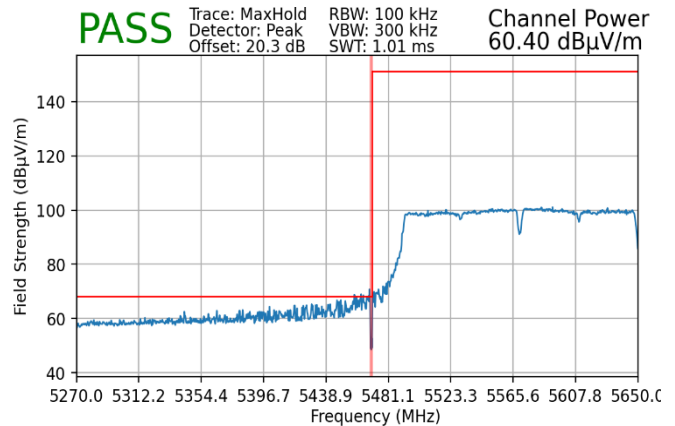


Plot 7-258. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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



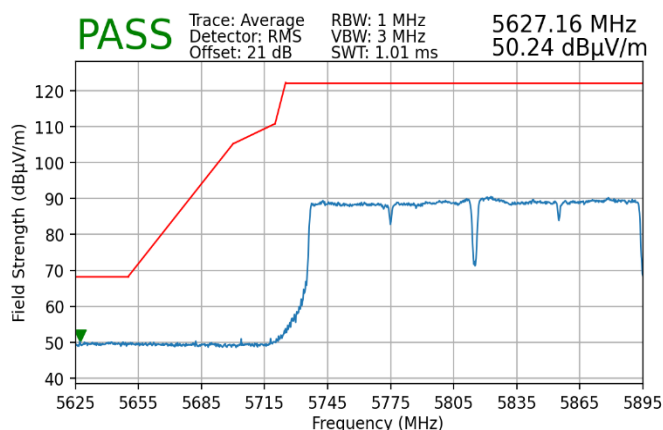
Plot 7-259. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



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

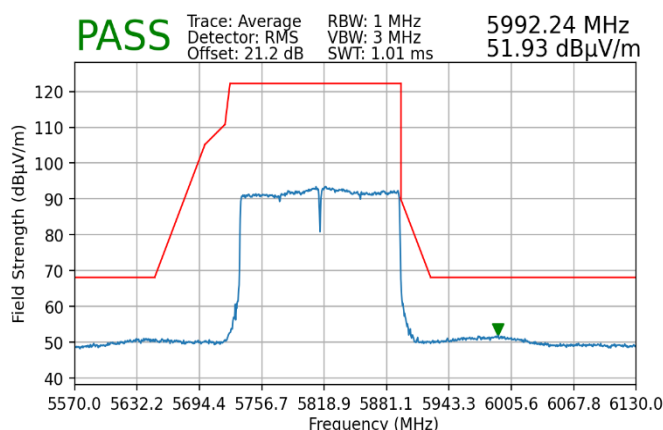
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5815MHz
Channel: 163

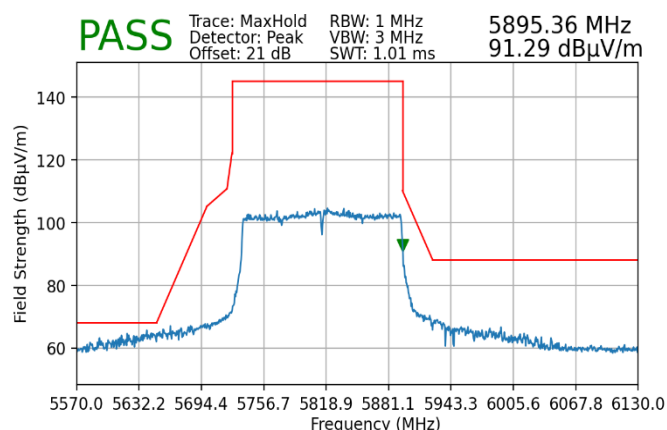


Plot 7-261. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5815MHz
Channel: 163



Plot 7-262. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4)

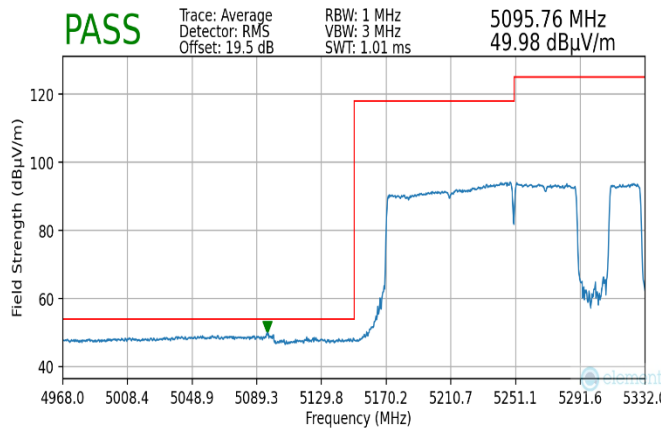


Plot 7-263. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

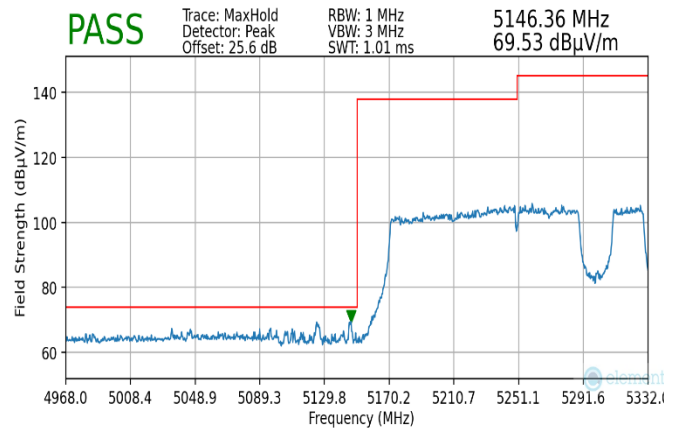
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 170 of 182

7.6.7 MIMO Radiated Band Edge Measurements (160MHz BW) - Punctured

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

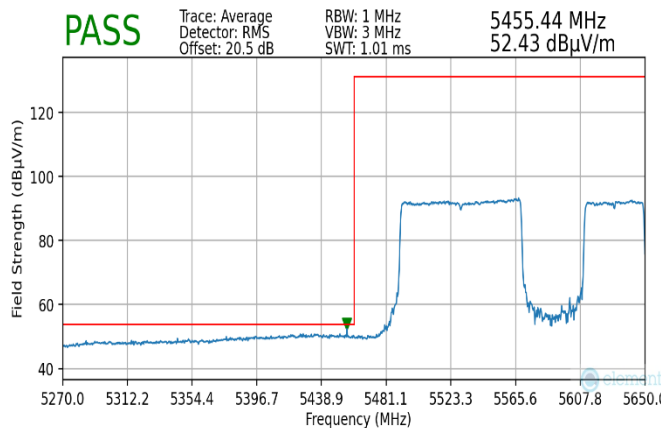


Plot 7-264. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

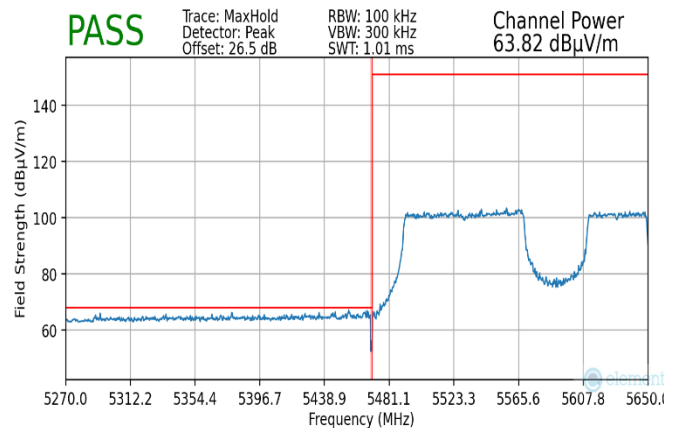


Plot 7-265. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

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



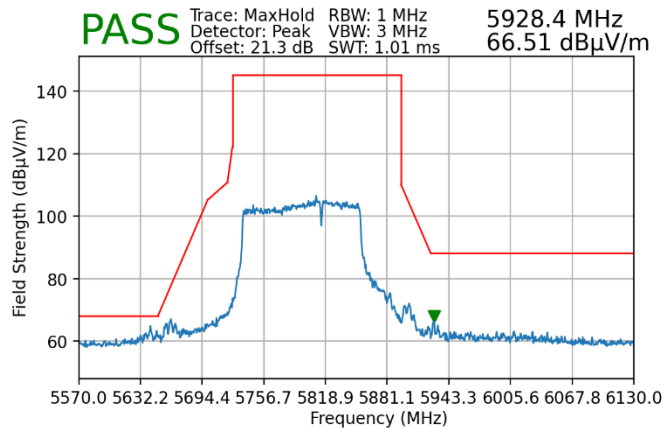
Plot 7-266. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-267. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

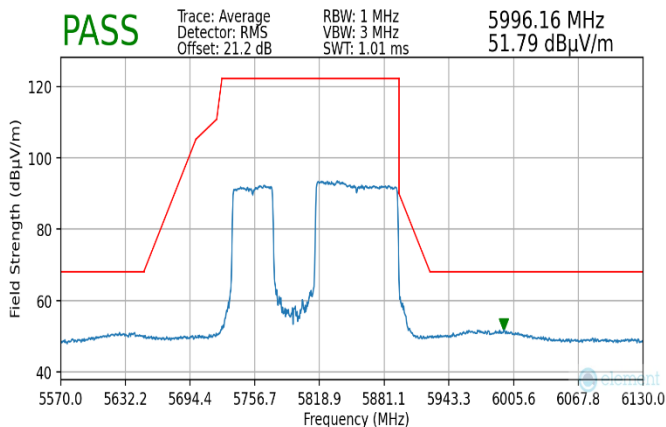
FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-09-R2.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 171 of 182

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5815MHz
Channel:	163

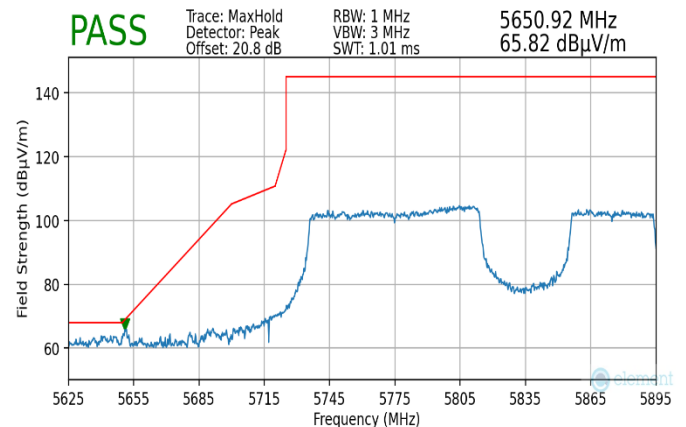


Plot 7-268. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5815MHz
Channel:	163



Plot 7-269. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4)



Plot 7-270. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4)

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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Line-Conducted Test Data

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst-case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below per FCC §15.207 and RSS-Gen (8.8).

Frequency of emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-39. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2020, Section 6.2

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

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Test Setup

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

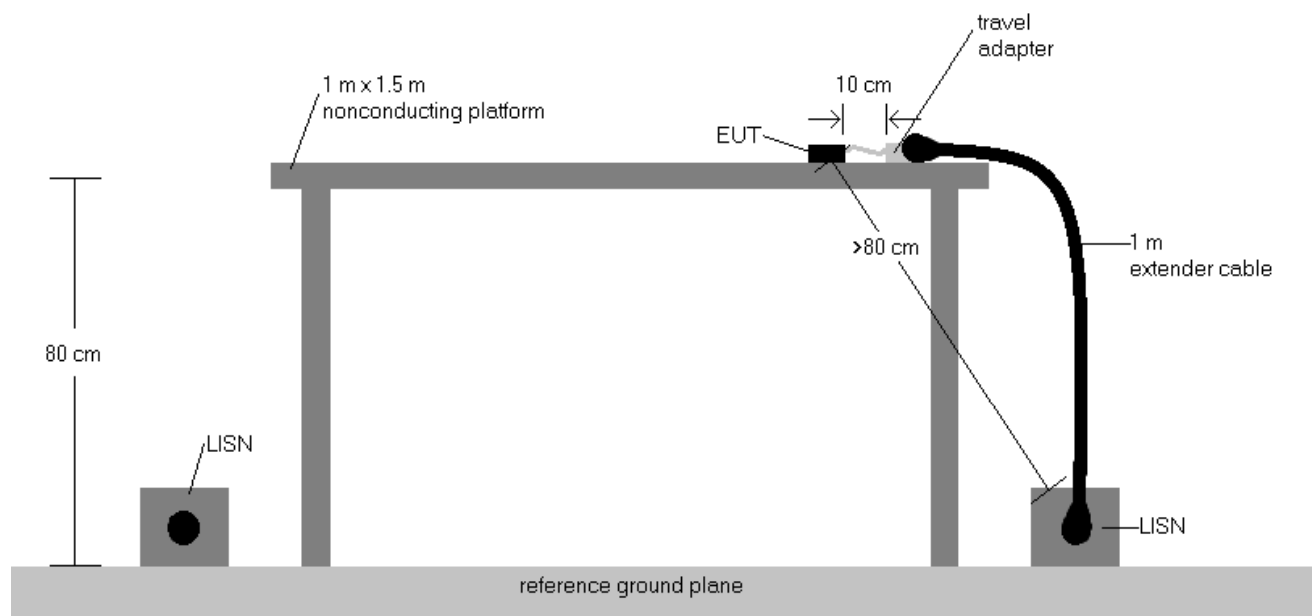
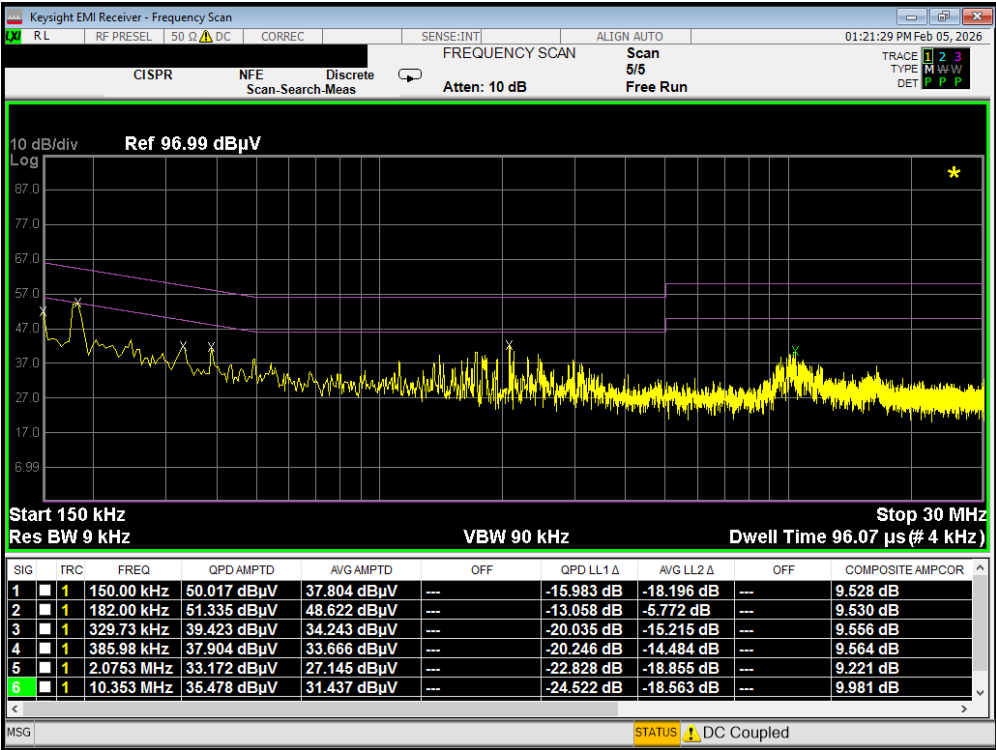


Figure 7-8. Test Instrument & Measurement Setup

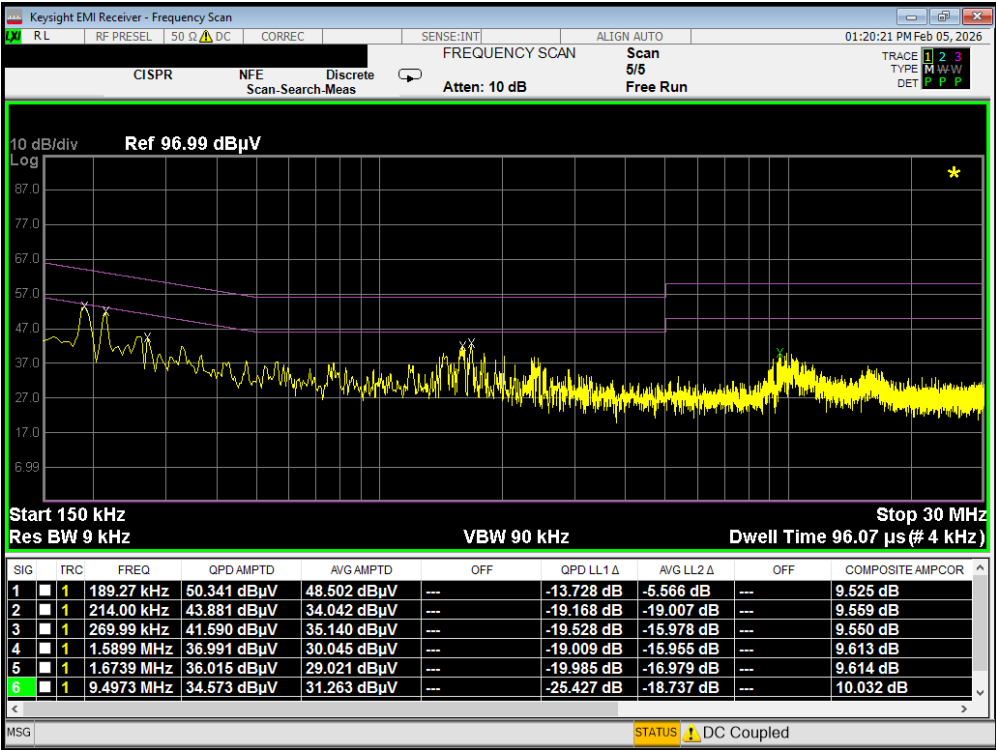
Test Notes

1. All modes of operation were investigated, and the worst-case emissions are reported using mid channel. The emissions found were not affected by the choice of channel used during testing.
2. The limit for an intentional radiator from 150kHz to 30MHz is specified in §15.207 and RSS-Gen (8.8).
3. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
4. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Corr. (dB)}$
5. $\text{Margin (dB)} = \text{QP/AV Limit (dB}\mu\text{V)} - \text{QP/AV Level (dB}\mu\text{V)}$
6. Traces shown in plot are made using a peak detector.
7. Deviations to the Specifications: None.

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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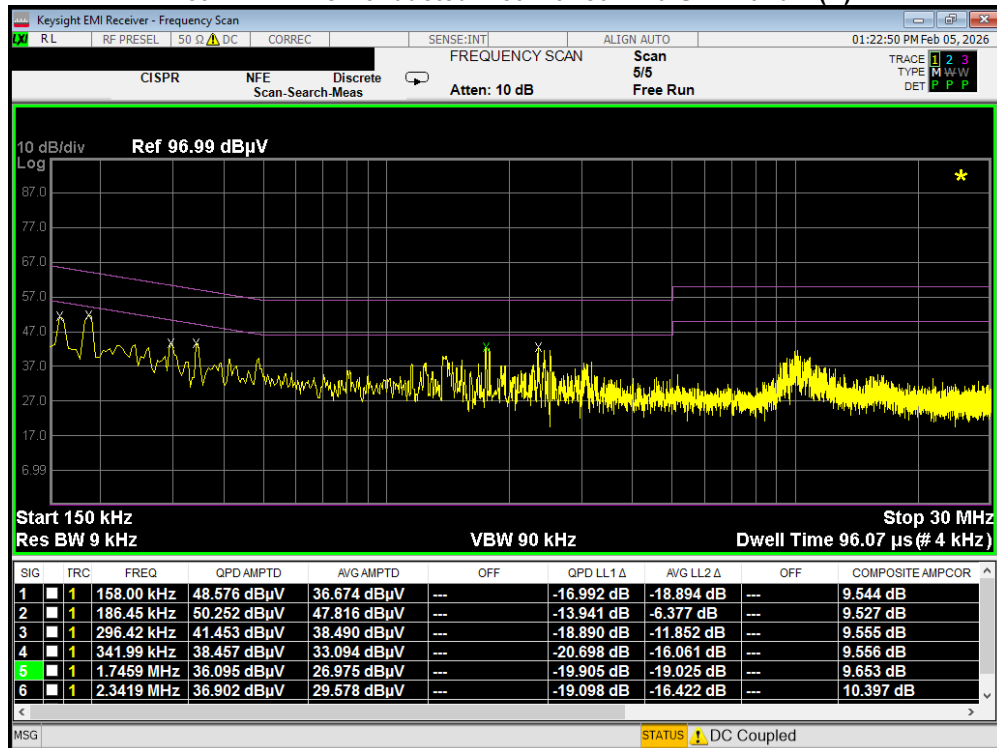


Plot 7-271. Line Conducted Plot with 802.11a UNII Band 1 (L1)

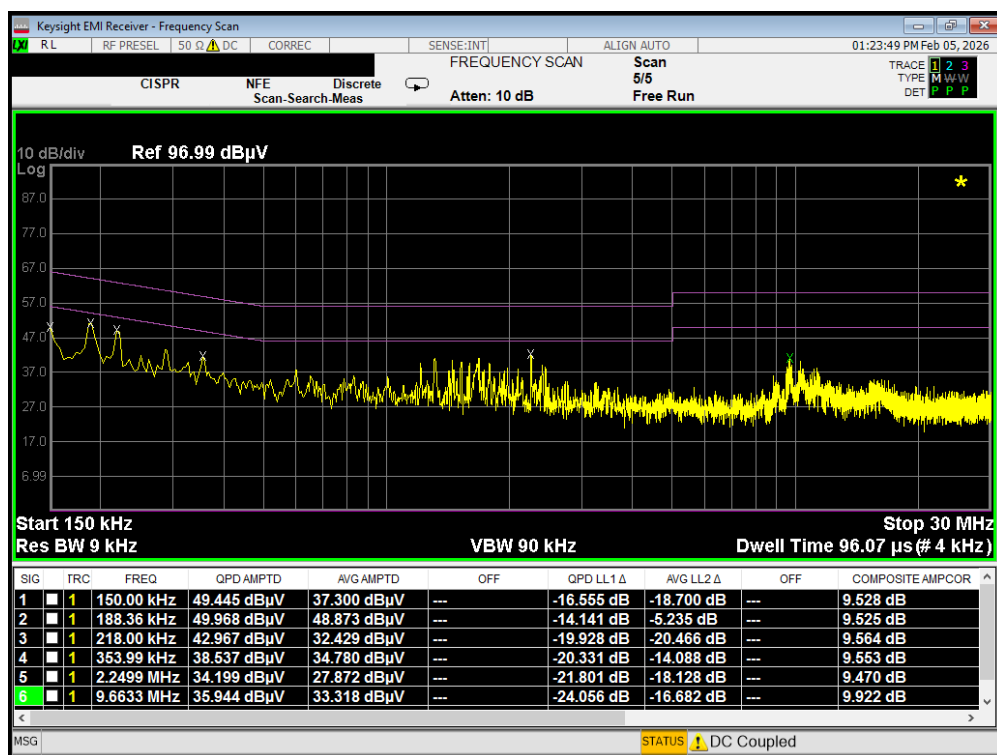


FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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Plot 7-272. Line Conducted Plot with 802.11a UNII Band 1 (N)

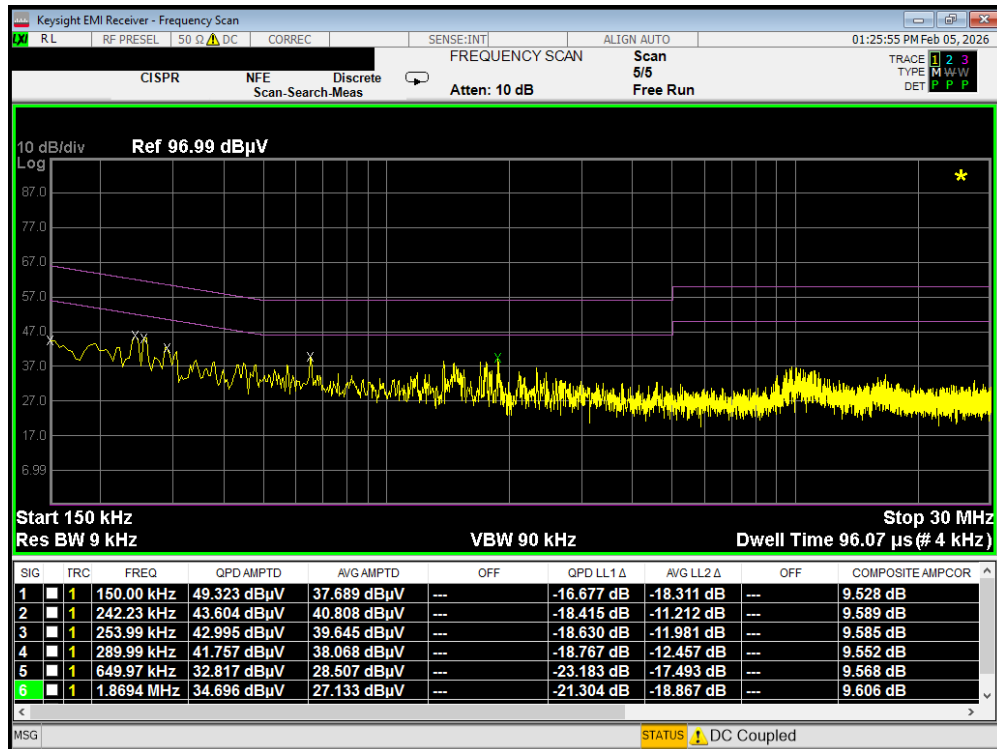


Plot 7-273. Line Conducted Plot with 802.11a UNII Band 2A (L1)

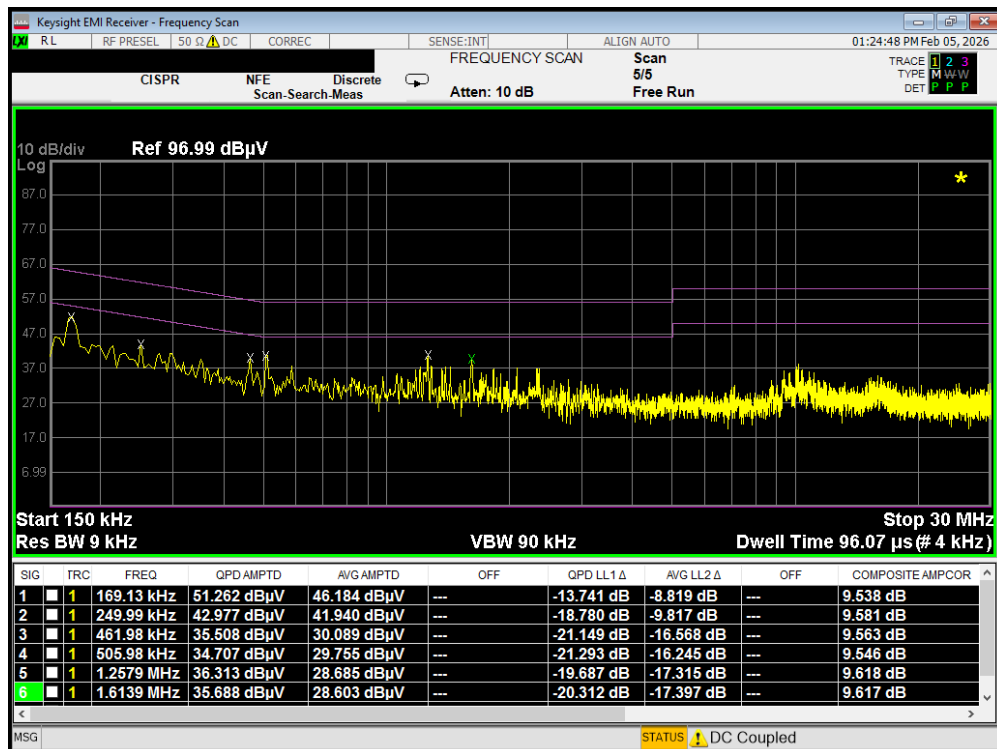


Plot 7-274. Line Conducted Plot with 802.11a UNII Band 2A (N)

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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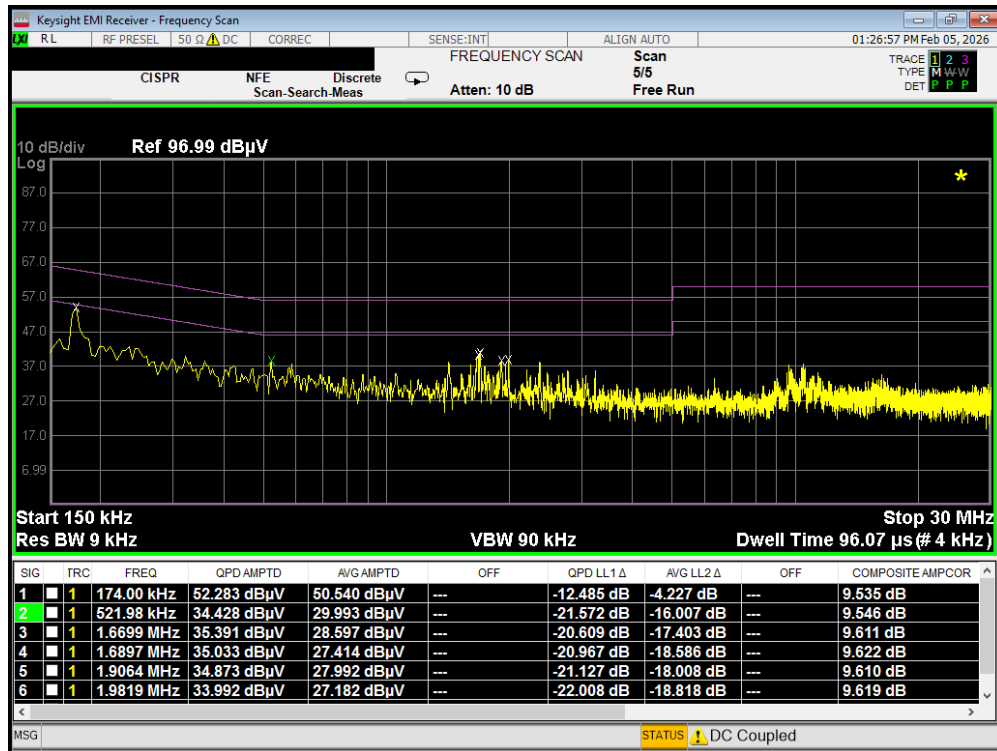


Plot 7-275. Line Conducted Plot with 802.11a UNII Band 2C (L1)

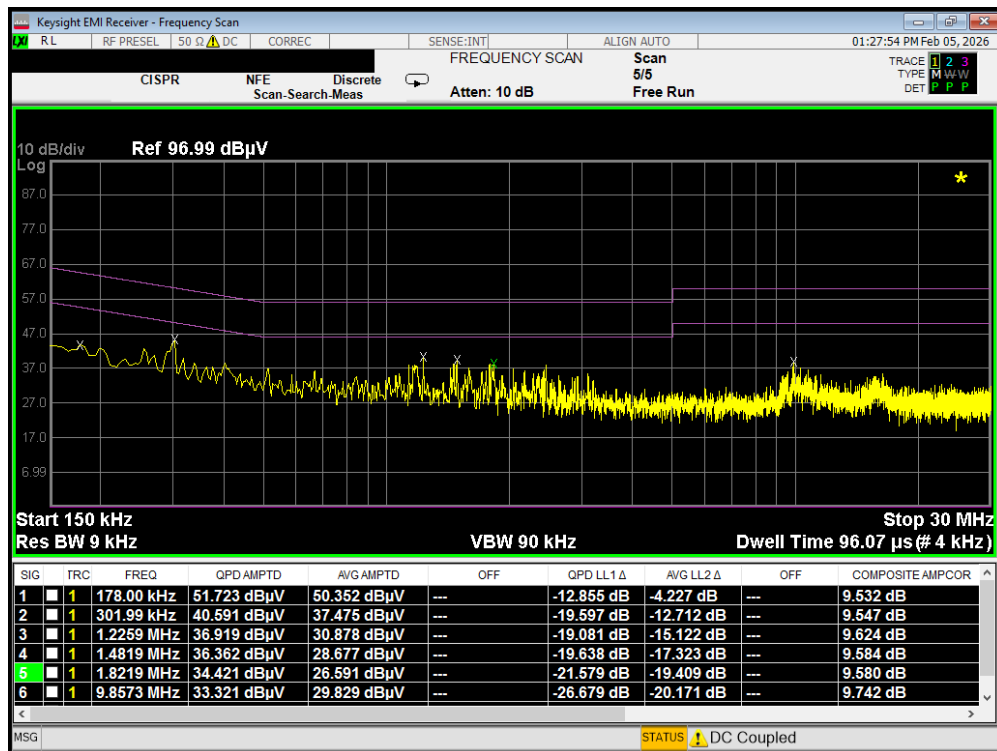


Plot 7-276. Line Conducted Plot with 802.11a UNII Band 2C (N)

FCC ID: C3K2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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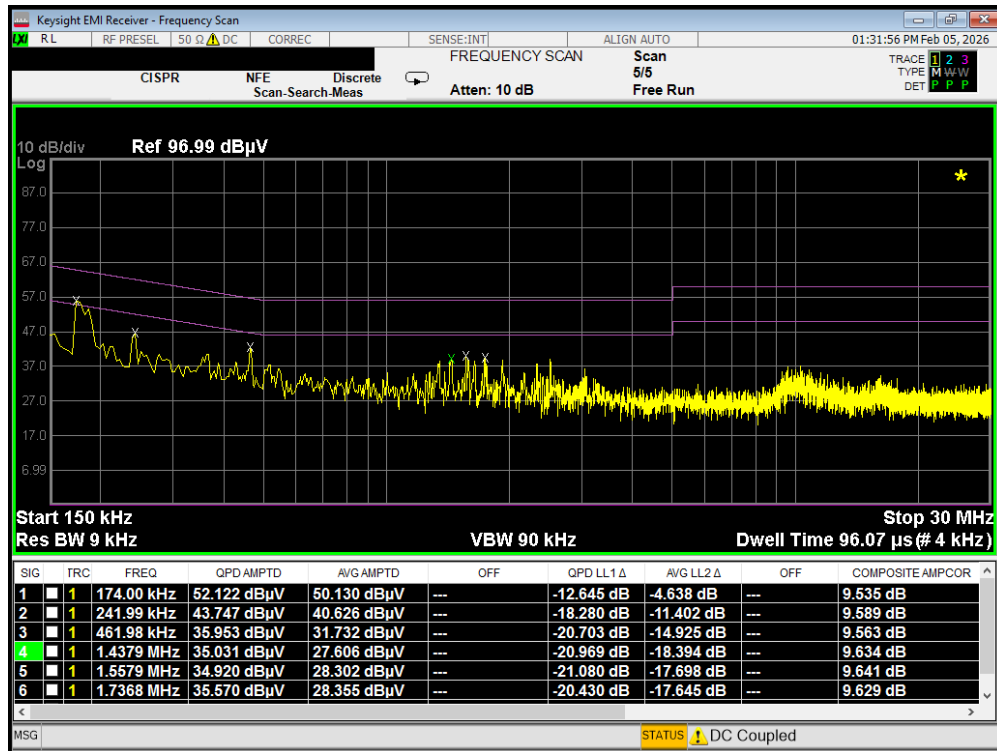


Plot 7-277. Line Conducted Plot with 802.11a UNII Band 3 (L1)

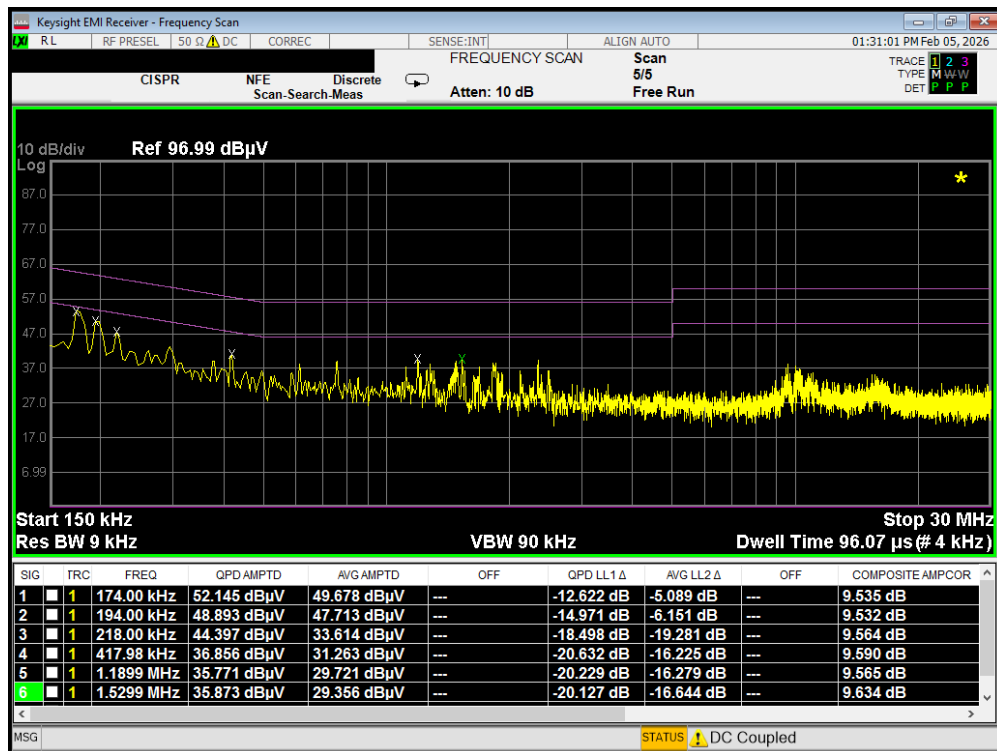


Plot 7-278. Line Conducted Plot with 802.11a UNII Band 3 (N)

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Plot 7-279. Line Conducted Plot with 802.11a UNII Band 4 (L1)



Plot 7-280. Line Conducted Plot with 802.11a UNII Band 4 (N)

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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: C3K2076** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules. After additional testing it is concluded that the component change detailed in the FCC Change Document does not meaningfully affect compliance.

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9.0 APPENDIX A – DATA REFERENCING SPOT-CHECKS

Overview

The spot-check data presented in this section was measured on the variant model following the guidance of the FCC's Data Referencing guidance in KDB 484596 D01 v03. Each spot-check test on the EUT was performed using the same procedure and setting that were used to perform the test on the corresponding reference device. For the worst-case RSE data, the measurement is determined by an actual emission and not by noise floor.

All test cases were performed to verify the variant EUT is still in compliance with the spot-checked results to the reference device and was performed using the guidance of ANSI C63.10:2020.

Notes

Each spot check test on the EUT was performed using the same procedure and setting that were used to perform the test on the corresponding reference device.

Conducted Spot-Checks – 2076

5GHz WIFI (20MHz 802.11a MIMO)						Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]								
			ANT1	ANT2	MIMO						
UNII-1	5200	40	16.59	16.37	19.49	23.98	-4.49	7.72	27.21	30.00	-2.79
UNII-2A	5280	56	17.29	17.15	20.23	23.98	-3.75	7.61	27.84	30.00	-2.16
UNII-2C	5600	120	17.46	17.41	20.45	23.98	-3.53	7.59	28.03	30.00	-1.97
UNII-3	5785	157	20.22	19.82	23.03	30.00	-6.97	7.50	30.54	36.00	-5.46
UNII-4	5865	173	14.14	13.57	16.87	-	-	7.20	24.07	30.00	-5.93

Table 9-1. Conducted Output Power Measurements (Spot-check)

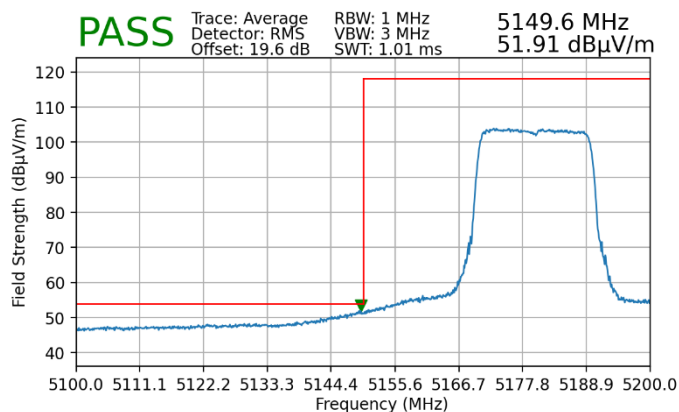
Radiated Spot-Checks – 2076

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11a	MIMO	1	40	5200	10400.00	Peak	H	-	-	-73.00	16.48	50.48	68.20	-17.72

Table 9-2. RSE Measurements (Spot-check)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5180MHz
Channel: 36

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**Plot 9-1. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 1)**

Results

FCC Rules	Test Item	Test Case	Units	Limit	Reference Model: 2085 C2PC	Variant Model: 2076 C2PC	Deviation (dB)	Max Deviation (dB)	Pass/Fail
2.1046, 15.407(a)(8)	Conducted Output Power	Mid Channel Each UNII Band - 802.11a 20MHz	dBm	N/A	19.92	19.49	-0.43	1	PASS
					20.30	20.23	-0.07	1	PASS
					20.46	20.45	-0.01	1	PASS
					23.40	23.03	-0.37	1	PASS
					17.15	16.87	-0.28	1	PASS
15.209, 15.407(b)(1), 15.407(b)(2), 15.407(b)(3), 15.407(b)(4)	Radiated Spurious Emissions	802.11a MIMO Ch.40 - 10400MHz - PEAK	dBuV/m	68.20	50.69	50.48	-0.21	3	PASS
15.209	Radiated Band Edge Emissions	802.11be MIMO Ch.36 - Average	dBuV/m	53.98	52.29	51.91	-0.38	3	PASS

Table 9-3. Summary of Spot-checks

- END OF TEST REPORT -

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