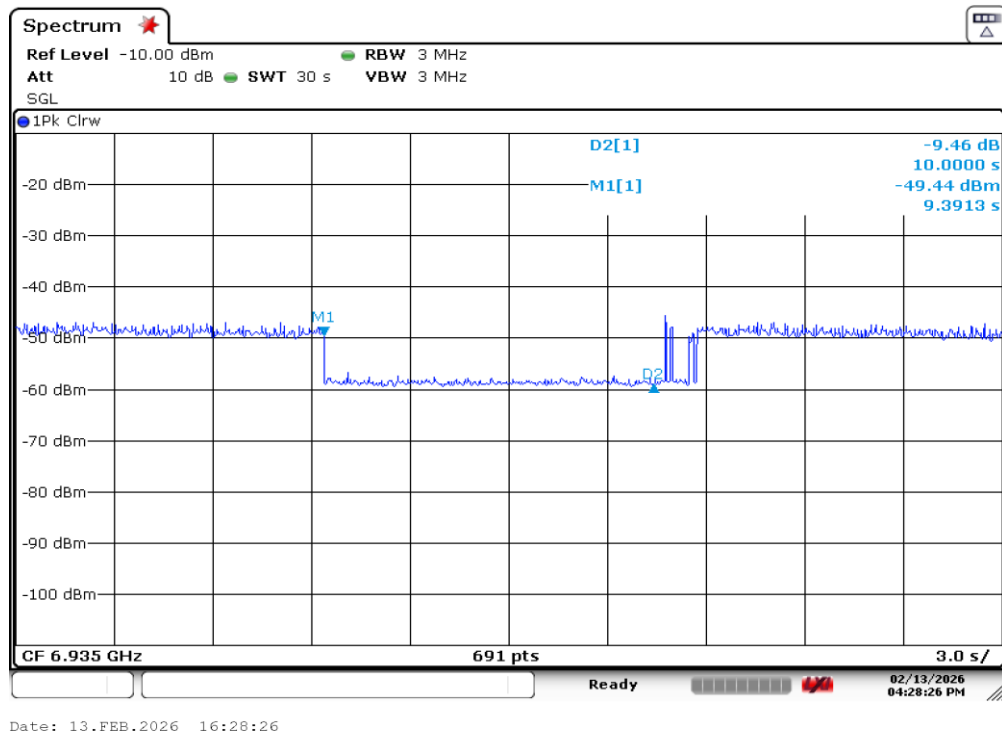
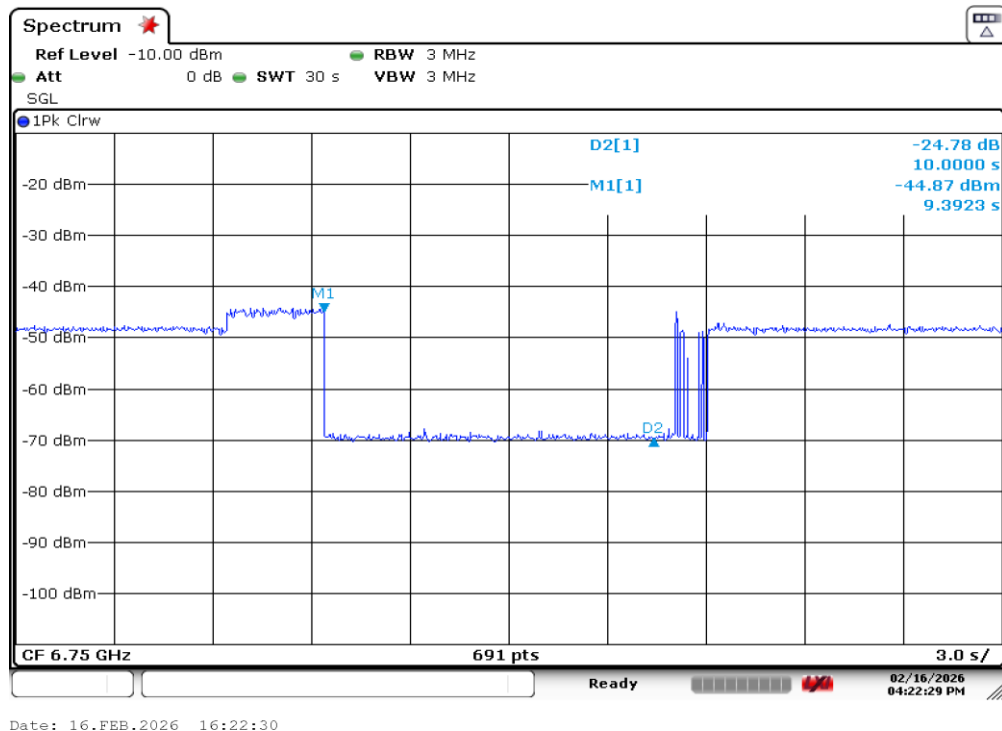


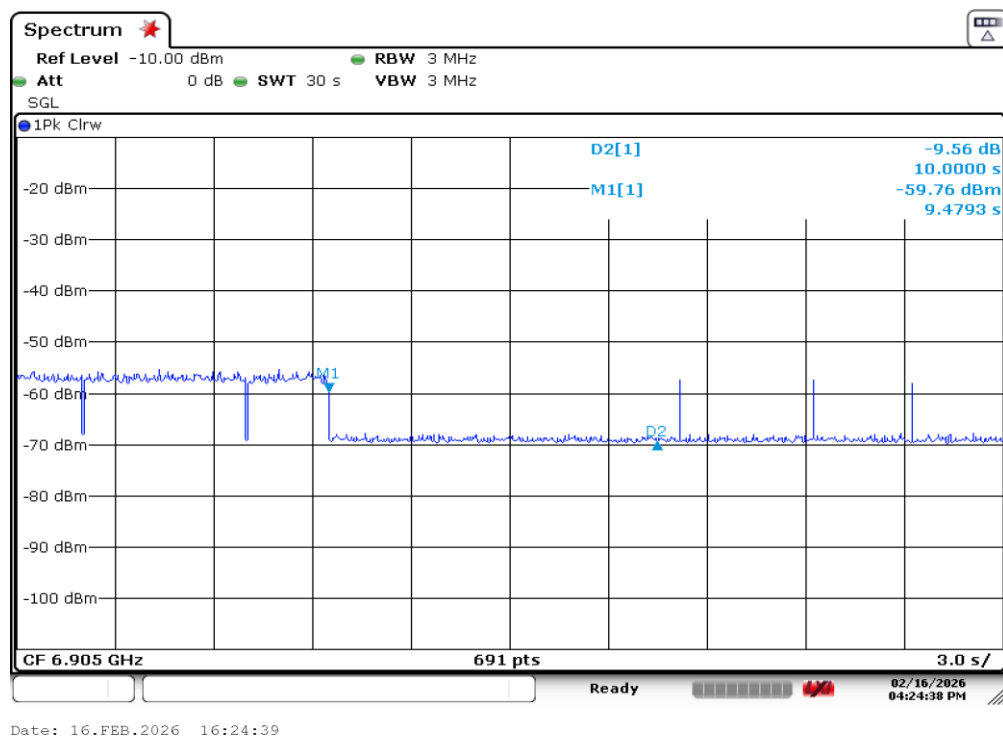


Plot 7-98. Contention Based Protocol Timing Plot (20MHz (UNII Band 8) – Ch. 197)

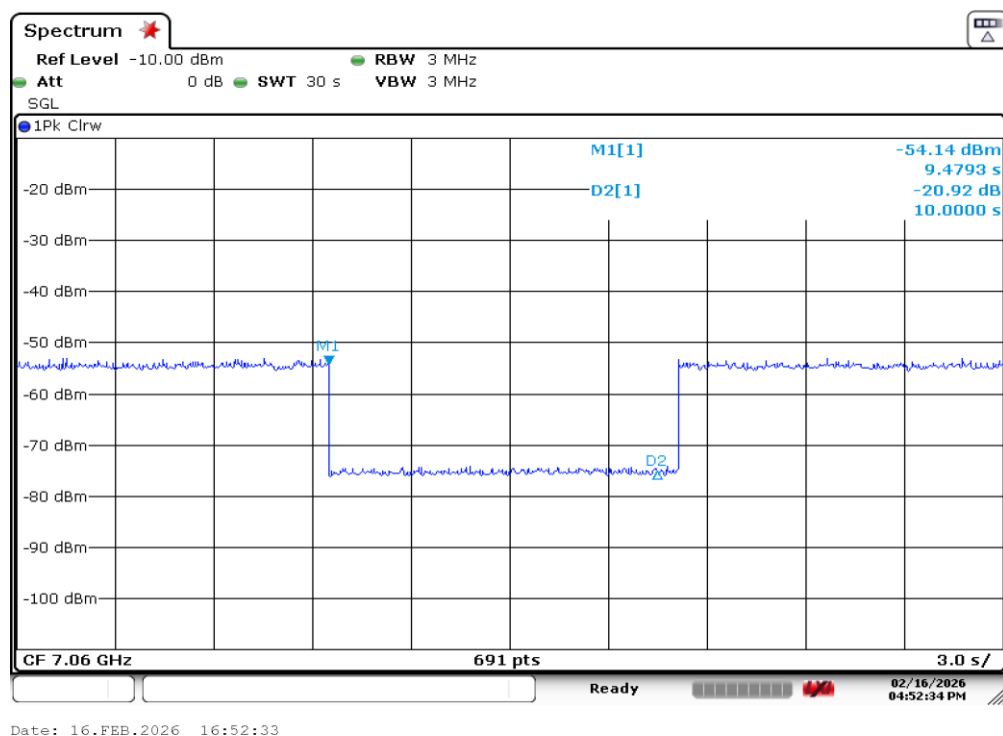


Plot 7-99. Contention Based Protocol Timing Plot (320MHz (UNII Band 8) – Ch. 191 Low)

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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Plot 7-100. Contention Based Protocol Timing Plot (320MHz (UNII Band 8) – Ch. 191 Mid)



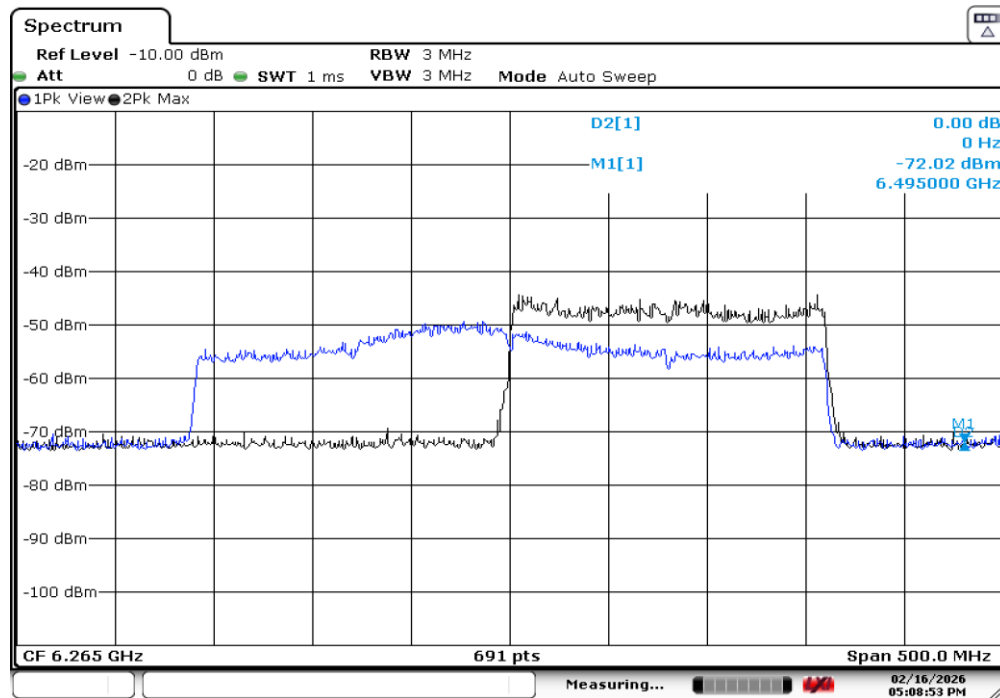
Plot 7-101. Contention Based Protocol Timing Plot (320MHz (UNII Band 8) – Ch. 191 High)

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 95 of 124

7.6.3 Channel Move Plots

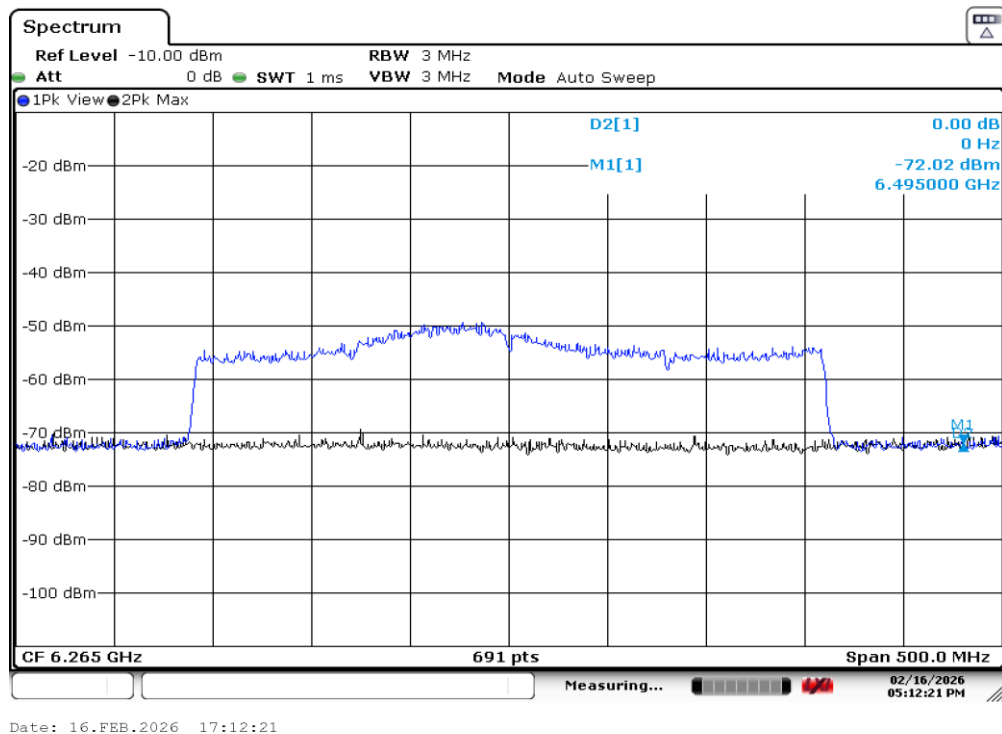
This section demonstrates the effect of injecting the AWGN signal at various locations throughout the 320MHz signal. The blue trace shows the full 320MHz signal prior to AWGN injection while the black trace shows the spectrum following AWGN injection. The following items were observed as demonstrated in the three plots shown below:

- When a 10 MHz AWGN signal centered at 6110 MHz (lower edge of channel) is injected, the channel reduces its operating bandwidth to 160MHz at the upper end of the spectrum.
- When a 10 MHz AWGN signal centered at 6265 MHz (middle of channel) is injected, the channel completely stops transmitting.
- When a 10 MHz AWGN signal centered at 6420 MHz (upper edge of channel) is injected, the channel reduces its operating bandwidth to 80MHz at the upper middle section of the spectrum.

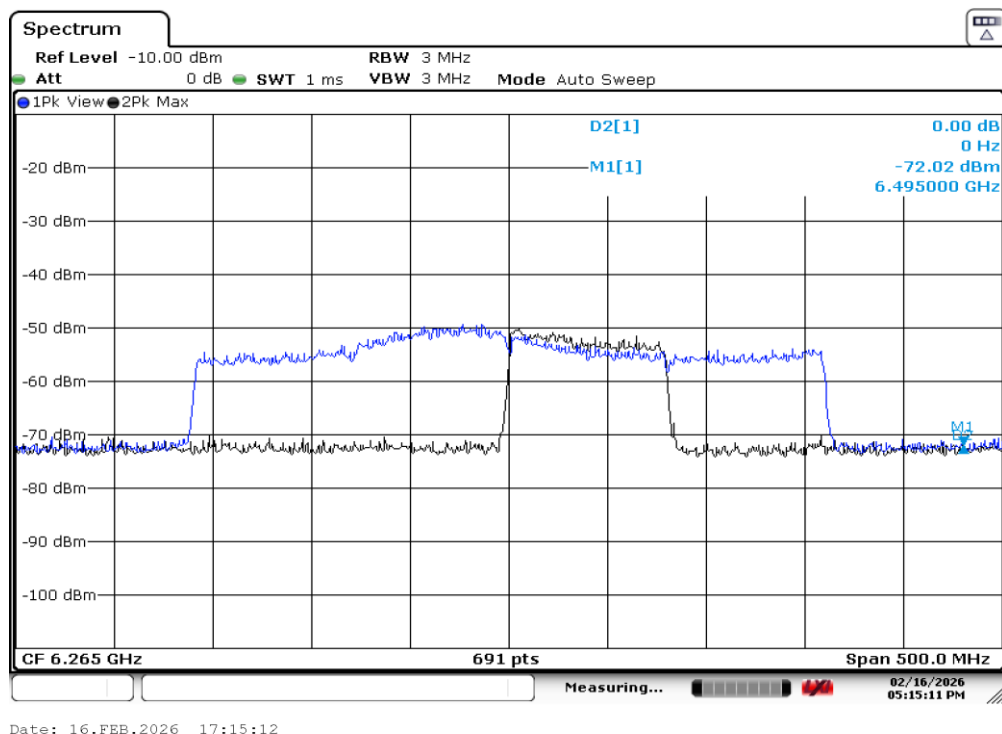


Plot 7-102. CBP 320MHz Channel - Injection Lower Edge – [6110 MHz]

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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Plot 7-103. CBP 320MHz Channel - Injection Center – [6265 MHz]



Plot 7-104. CBP 320MHz Channel - Injection Upper Edge – [6420 MHz]

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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7.7 Radiated Emission Measurements

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013, and at the appropriate frequencies. All channels, modes (e.g. 802.11a, 802.11ax (20/40/80/160MHz), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst-case emissions are reported in this section.

For transmitters operating in the 5.925-7.125 GHz band: All emissions outside of the 5.925-7.125 GHz band shall not exceed an EIRP of -27dBm/MHz (68.2dBuV/m at a 3m distance). Emissions found in a restricted band are subject to the limits of 15.209 as shown in the table below.

Frequency	Field Strength [μV/m]	Measured Distance [Meters]
0.009 – 0.490 MHz	2400\F (kHz)	300
0.490 – 1.705 MHz	24000\F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-40. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Sections 12.7.7.2, 12.7.6, 12.7.5

Test Settings – Above 1GHz

Average Field Strength Measurements (Method AD – Average Detection)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest.
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span} \backslash \text{RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces.

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Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest.
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize.

Test Settings – Below 1GHz

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest.
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize.

Test Setup

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

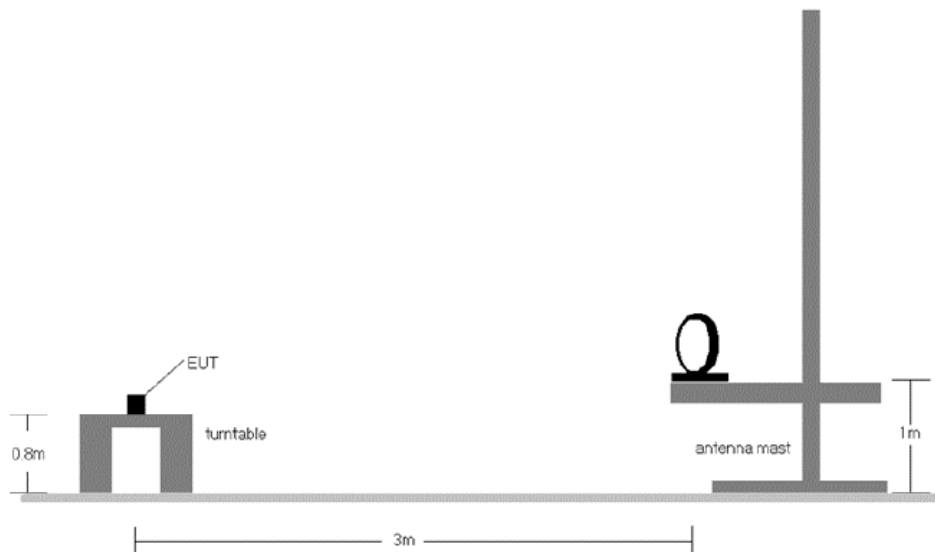


Figure 7-6. Radiated Test Setup < 30MHz

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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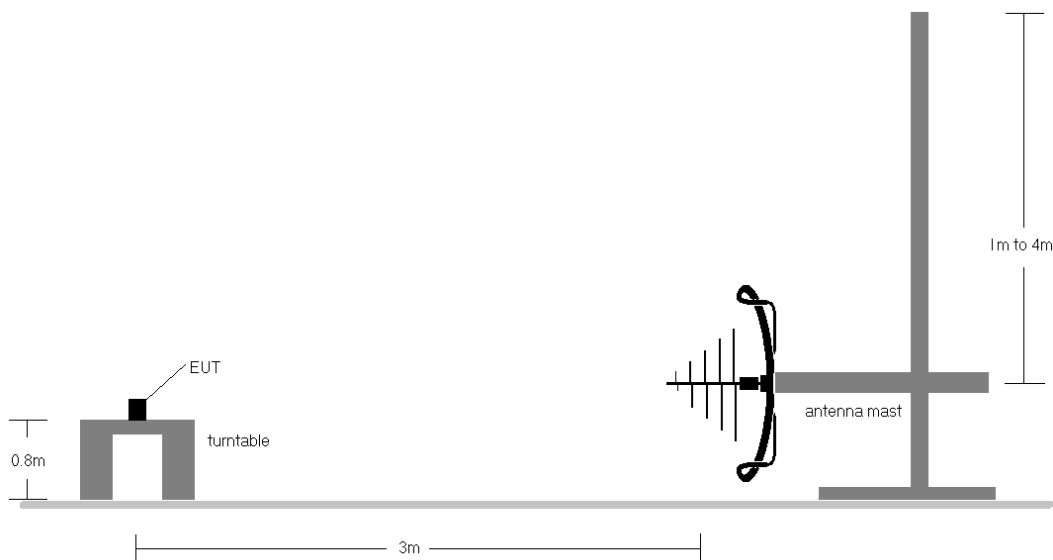


Figure 7-7. Radiated Test Setup < 1GHz

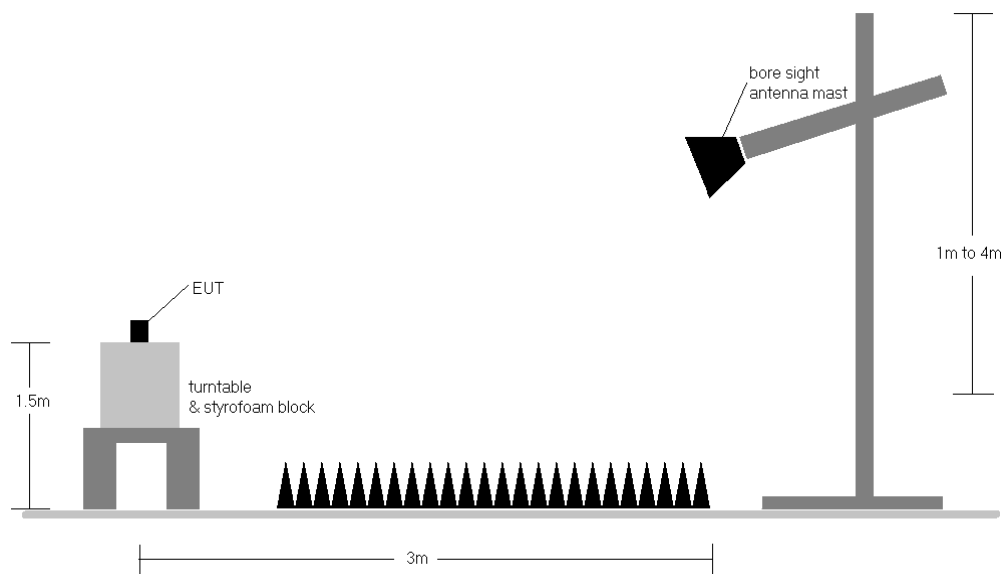


Figure 7-8. Radiated Test Setup > 1GHz

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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Test Notes

1. All spurious emissions lying in restricted bands specified in §15.205 are below the limits specified in §15.209. All spurious emissions that do not lie in a restricted band are subject to an average limit of -27dBm/MHz. At 3 meters, the field strength limit in dB μ V/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dB μ V/m.
2. All spurious emissions that do not lie in a restricted band are subject to a peak limit not to exceed 20dB of the average limit [68.2dB μ V/m]. If a peak measurement passes the average limit, it was determined no further investigation is necessary.
3. The antenna is manipulated through typical positions, polarity, and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas. The worst-case emissions are reported, however emissions whose levels were not within 20dB of the respective limits were not reported.
6. Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1-meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
8. In the case where a peak-detector measurement passed the given RMS limit it was determined sufficient to demonstrate compliance.
9. The results recorded using the broadband antenna are known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
10. In this section, plots showing measurements shown as "channel power" are recorded using the integration methods described in Section 11.12.3.2 of ANSI C63.10:2020 for average and peak measurements as allowed per Section 12.7.4.4.1. Also, the average measurements include the duty cycle correction factor shown in Section 2.2 of this report.

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Sample Calculations

Determining Spurious Emissions Levels

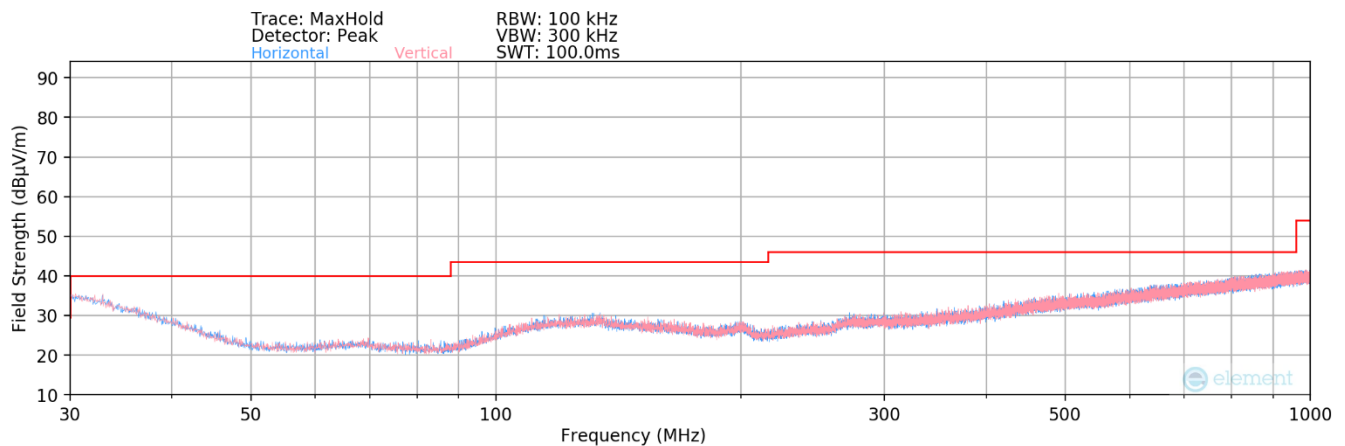
- Field Strength Level [dB μ V/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB]
- Margin [dB] = Field Strength Level [dB μ V/m] – Limit [dB μ V/m]

Radiated Band Edge Measurement Offset

The amplitude offset shown in the radiated restricted band edge plots was calculated using the formula:

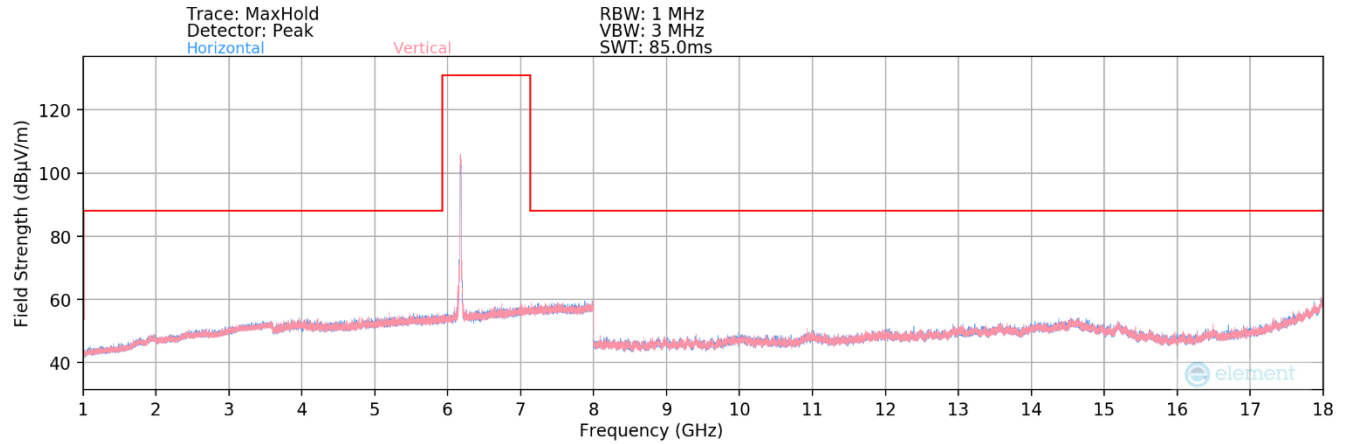
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

7.7.1 MIMO Radiated Spurious Emission Measurements



Plot 7-105. Radiated Spurious Plot below 1GHz MIMO (802.11ax)

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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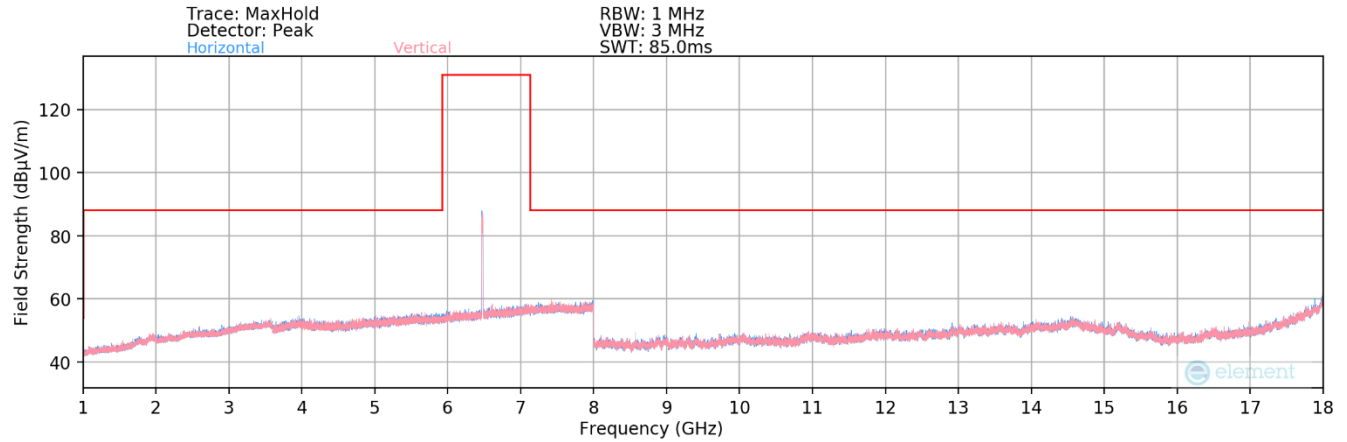


Plot 7-106. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 5 Ch. 45 – SP)

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]
MIMO	5	2	5935	*	11870.00	Average	H	-	-	-77.66	9.41	0.00	38.75	53.98	-15.23
				*	11870.00	Peak	H	-	-	-75.62	9.41	0.00	40.79	73.98	-33.19
				*	17805.00	Average	H	-	-	-77.14	16.76	0.00	46.62	53.98	-7.36
				*	17805.00	Peak	H	-	-	-75.11	16.76	0.00	48.65	73.98	-25.33
				*	23740.00	Average	H	-	-	-64.36	4.02	-9.54	37.12	53.98	-16.86
				*	23740.00	Peak	H	-	-	-54.25	4.02	-9.54	47.23	73.98	-26.75
		45	6175		29675.00	Peak	H	-	-	-54.60	5.01	-9.54	47.86	68.20	-20.34
				*	12350.00	Average	H	161	100	-75.78	9.78	0.00	41.00	53.98	-12.98
				*	12350.00	Peak	H	167	102	-73.71	9.78	0.00	43.07	73.98	-30.91
				*	18525.00	Average	H	-	-	-64.77	1.00	-9.54	33.69	53.98	-20.29
				*	18525.00	Peak	H	-	-	-54.48	1.00	-9.54	43.98	73.98	-30.00
					24700.00	Peak	H	-	-	-54.43	4.23	-9.54	47.26	68.20	-20.94
		93	6415		30875.00	Peak	H	-	-	-54.68	5.66	-9.54	48.44	68.20	-19.76
					12830.00	Peak	H	156	78	-73.49	10.40	0.00	43.91	68.20	-24.29
				*	19245.00	Average	H	-	-	-64.57	1.74	-9.54	34.62	53.98	-19.36
				*	19245.00	Peak	H	-	-	-53.95	1.74	-9.54	45.25	73.98	-28.73
					25660.00	Peak	H	-	-	-54.61	4.69	-9.54	47.55	68.20	-20.65
					32075.00	Peak	H	-	-	-55.07	6.47	-9.54	48.86	68.20	-19.34

Table 7-41. Radiated Measurements MIMO – SP

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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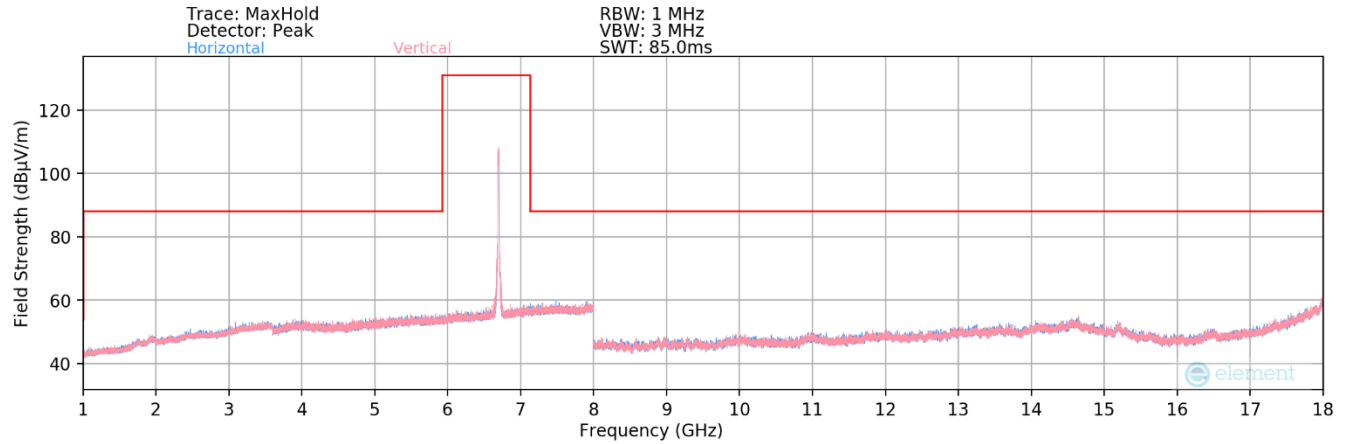


Plot 7-107. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 6 Ch. 105 – LPI)

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]
MIMO	6	97	6435		12870.00	Peak	H	112	40	-65.92	10.56	0.00	51.64	68.20	-16.56
				*	19305.00	Average	H	-	-	-64.96	1.65	-9.54	34.15	53.98	-19.83
				*	19305.00	Peak	H	-	-	-54.65	1.65	-9.54	44.46	73.98	-29.52
					25740.00	Peak	H	-	-	-54.98	4.71	-9.54	47.19	68.20	-21.01
					32175.00	Peak	H	-	-	-53.74	6.76	-9.54	50.47	68.20	-17.73
		105	6475		12950.00	Peak	H	130	121	-65.94	10.59	0.00	51.65	68.20	-16.55
				*	19425.00	Average	H	-	-	-64.99	1.76	-9.54	34.23	53.98	-19.74
				*	19425.00	Peak	H	-	-	-55.16	1.76	-9.54	44.06	73.98	-29.92
					25900.00	Peak	H	-	-	-53.89	4.78	-9.54	48.36	68.20	-19.84
					32375.00	Peak	H	-	-	-54.85	6.56	-9.54	49.18	68.20	-19.02
		113	6515		13030.00	Peak	H	134	114	-65.01	10.85	0.00	52.84	68.20	-15.36
				*	19545.00	Average	H	-	-	-65.33	1.89	-9.54	34.02	53.98	-19.96
				*	19545.00	Peak	H	-	-	-55.24	1.89	-9.54	44.11	73.98	-29.87
					26060.00	Peak	H	-	-	-54.83	4.92	-9.54	47.55	68.20	-20.65
					32575.00	Peak	H	-	-	-54.63	6.76	-9.54	49.58	68.20	-18.62

Table 7-42. Radiated Measurements MIMO - LPI

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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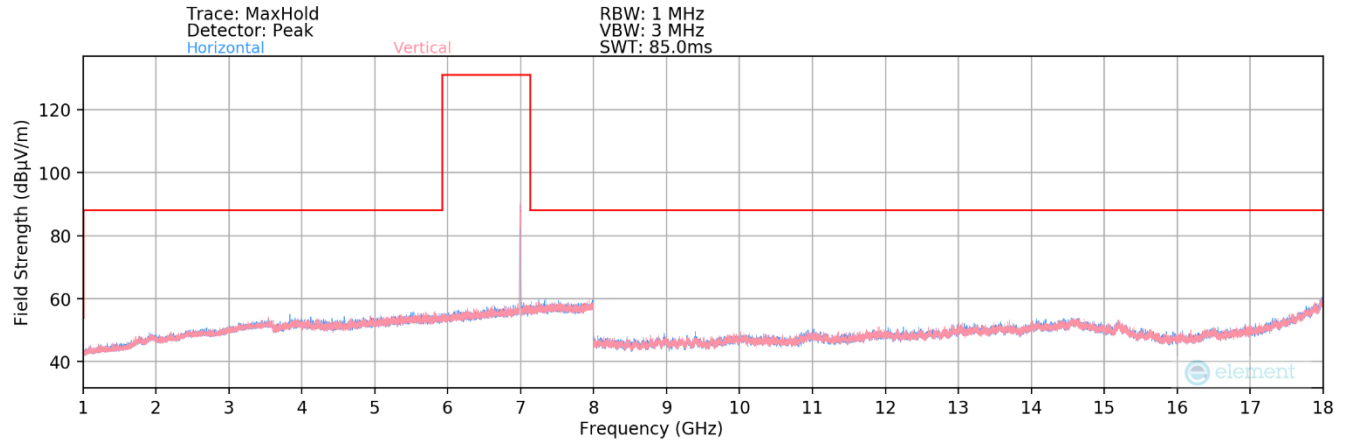


Plot 7-108. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 7 Ch. 149 – SP)

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]
MIMO	7	117	6535		13070.00	Peak	H	-	-	-76.12	10.74	0.00	41.62	68.20	-26.58
				*	19605.00	Average	H	-	-	-64.66	2.20	-9.54	35.00	53.98	-18.98
				*	19605.00	Peak	H	-	-	-54.17	2.20	-9.54	45.49	73.98	-28.49
					26140.00	Peak	H	-	-	-54.49	4.98	-9.54	47.94	68.20	-20.26
		149	6695		32675.00	Peak	H	-	-	-53.62	7.14	-9.54	50.97	68.20	-17.23
				*	13390.00	Average	H	-	-	-77.51	11.04	0.00	40.53	53.98	-13.45
				*	13390.00	Peak	H	-	-	-75.58	11.04	0.00	42.46	73.98	-31.52
				*	20085.00	Average	H	-	-	-64.94	2.07	-9.54	34.59	53.98	-19.39
				*	20085.00	Peak	H	-	-	-54.53	2.07	-9.54	44.99	73.98	-28.99
					26780.00	Peak	H	-	-	-54.42	5.18	-9.54	48.22	68.20	-19.98
					33475.00	Peak	H	-	-	-54.49	8.48	-9.54	51.45	68.20	-16.75
		185	6875		13750.00	Peak	H	-	-	-76.04	11.51	0.00	42.47	68.20	-25.73
				*	20625.00	Average	H	-	-	-65.45	2.36	-9.54	34.36	53.98	-19.61
				*	20625.00	Peak	H	-	-	-54.70	2.36	-9.54	45.12	73.98	-28.86
					27500.00	Peak	H	-	-	-54.72	5.00	-9.54	47.74	68.20	-20.46
					34375.00	Peak	H	-	-	-55.38	9.46	-9.54	51.54	68.20	-16.66

Table 7-43. Radiated Measurements MIMO – SP

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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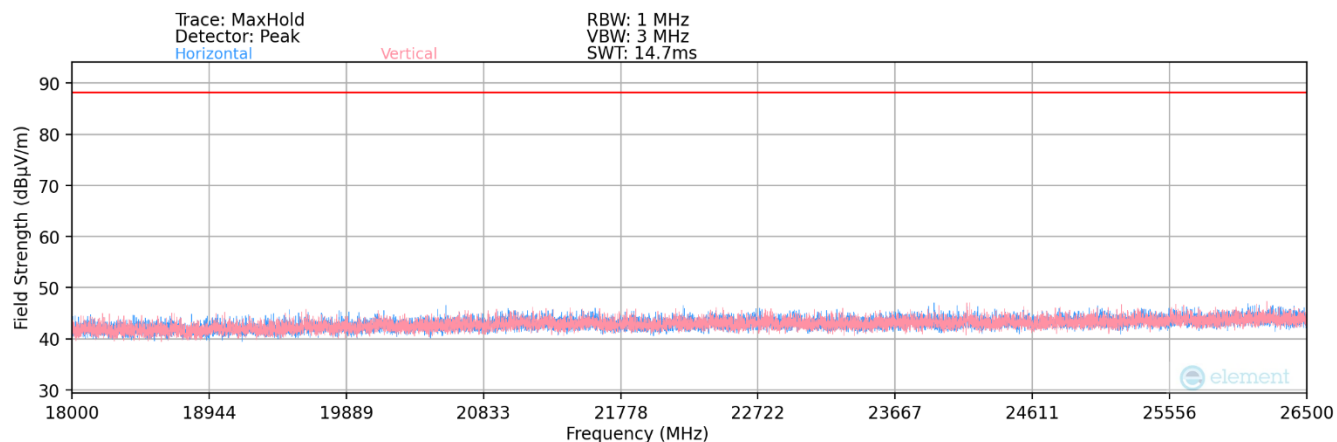


Plot 7-109. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 8 Ch. 209 – LPI)

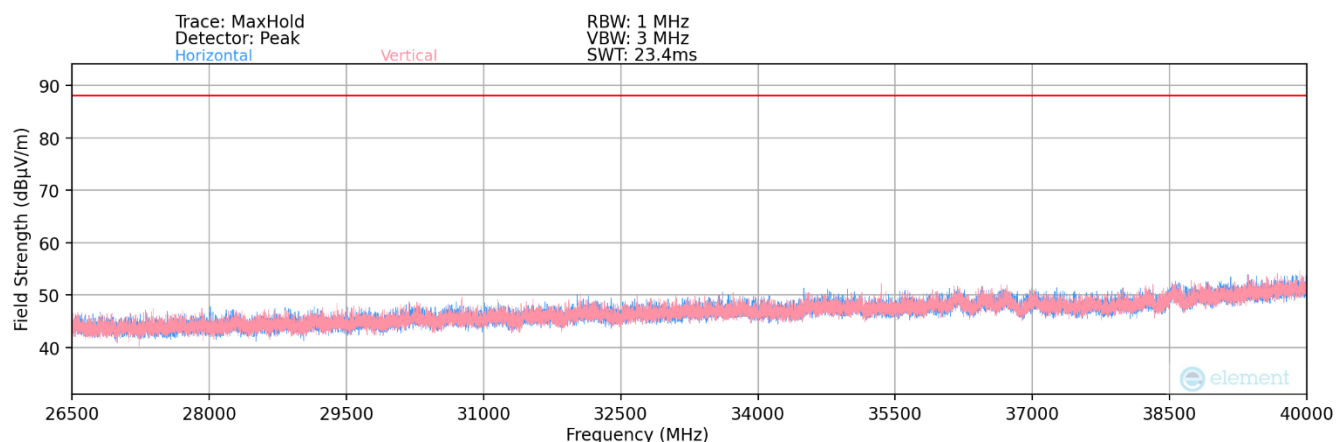
Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
802.11a	MIMO	8	189	6895		13790.00	Peak	H	-	-	-65.61	11.38	0.00	52.77	68.20	-15.43
					*	20685.00	Average	H	-	-	-65.39	2.33	-9.54	34.41	53.98	-19.57
					*	20685.00	Peak	H	-	-	-54.87	2.33	-9.54	44.93	73.98	-29.05
						27580.00	Peak	H	-	-	-54.85	5.33	-9.54	47.95	68.20	-20.25
						34475.00	Peak	H	-	-	-54.67	9.33	-9.54	52.12	68.20	-16.08
			209	6995		13990.00	Peak	H	-	-	-65.61	11.63	0.00	53.02	68.20	-15.18
					*	20985.00	Average	H	-	-	-65.12	2.83	-9.54	35.17	53.98	-18.81
					*	20985.00	Peak	H	-	-	-54.45	2.83	-9.54	45.85	73.98	-28.13
						27980.00	Peak	H	-	-	-55.13	5.30	-9.54	47.63	68.20	-20.57
						34975.00	Peak	H	-	-	-54.74	9.79	-9.54	52.51	68.20	-15.69
			233	7115		14230.00	Peak	H	-	-	-65.46	12.35	0.00	53.89	68.20	-14.31
					*	21345.00	Average	H	-	-	-65.35	2.85	-9.54	34.96	53.98	-19.02
					*	21345.00	Peak	H	-	-	-53.87	2.85	-9.54	46.44	73.98	-27.54
						28460.00	Peak	H	-	-	-55.18	5.34	-9.54	47.62	68.20	-20.58
						35575.00	Peak	H	-	-	-54.41	9.53	-9.54	52.58	68.20	-15.62

Table 7-44. Radiated Measurements MIMO – LPI

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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Plot 7-110. Radiated Spurious Plot 18GHz - 26.5GHz (802.11ax)

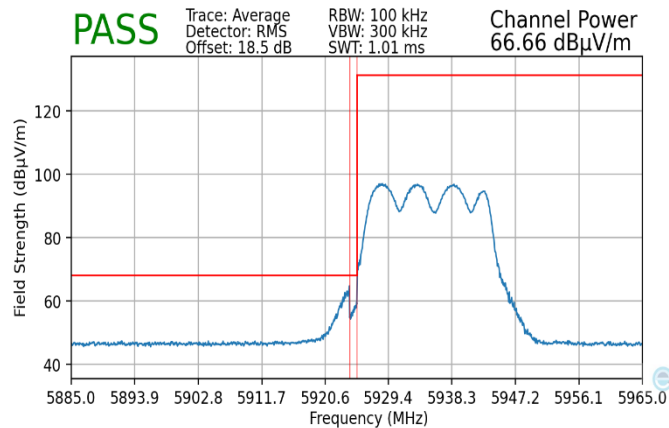


Plot 7-111. Radiated Spurious Plot 26.5GHz - 40GHz (802.11ax)

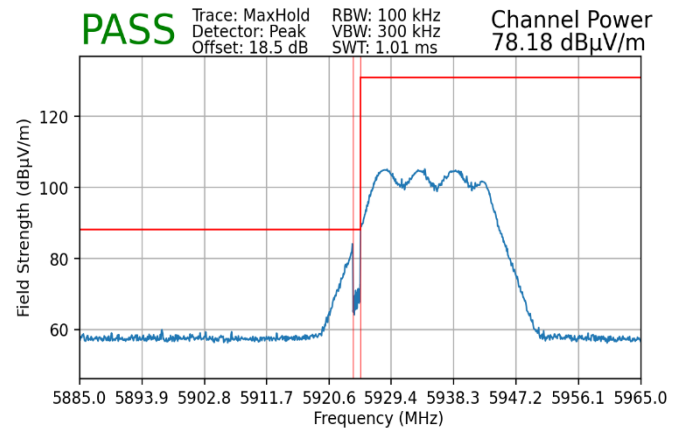
FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 107 of 124

7.7.2 MIMO Radiated Band Edge Measurements (20MHz BW)

Worst Case Mode:	802.11a
Worst Case Transfer Rate:	6Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	5935MHz
Channel:	2

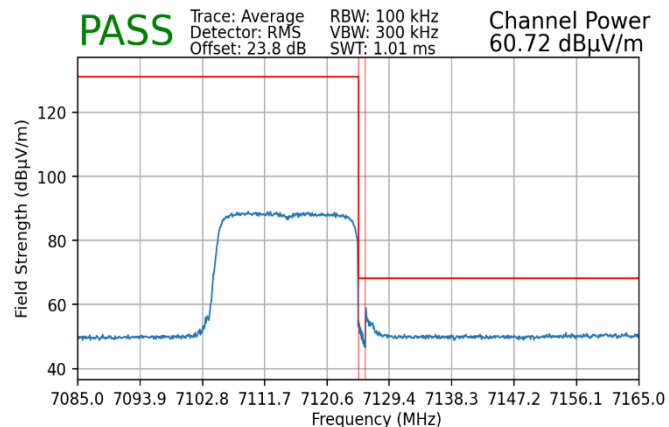


Plot 7-112. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)

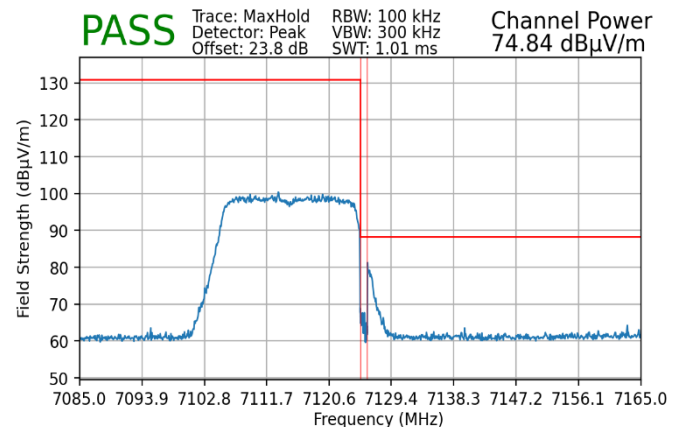


Plot 7-113. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MSC0
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233



Plot 7-114. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8)

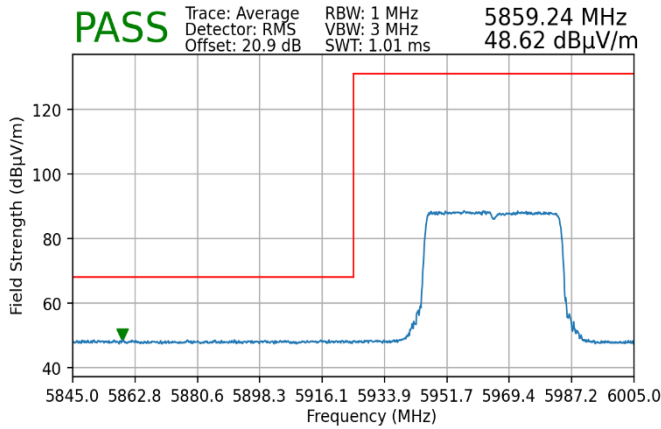


Plot 7-115. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8)

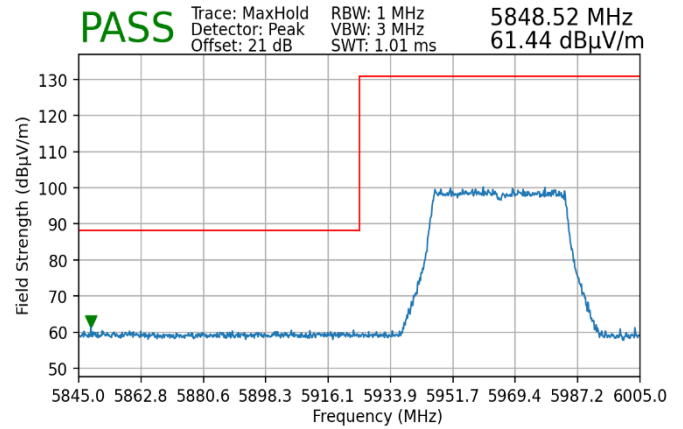
FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 108 of 124

7.7.3 MIMO Radiated Band Edge Measurements (40MHz BW)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3

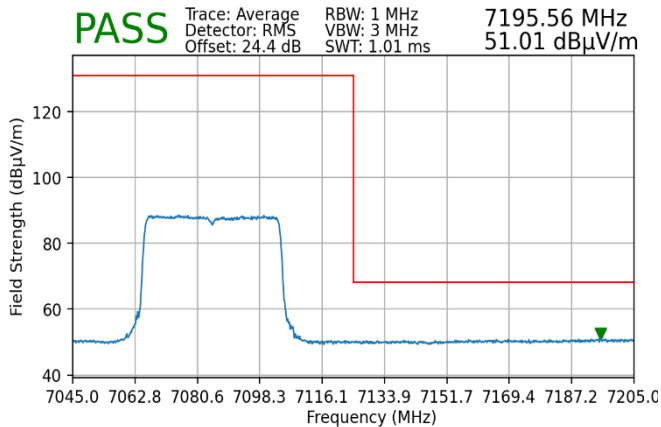


Plot 7-116. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)

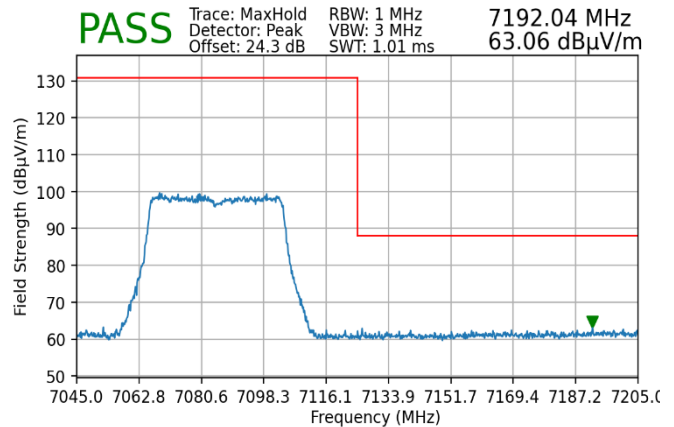


Plot 7-117. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



Plot 7-118. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8)

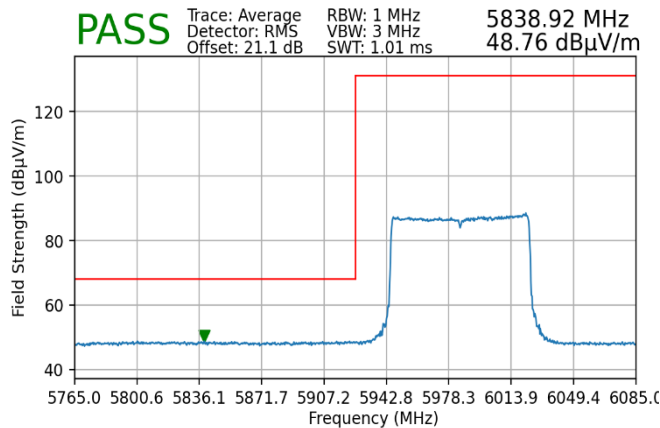


Plot 7-119. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8)

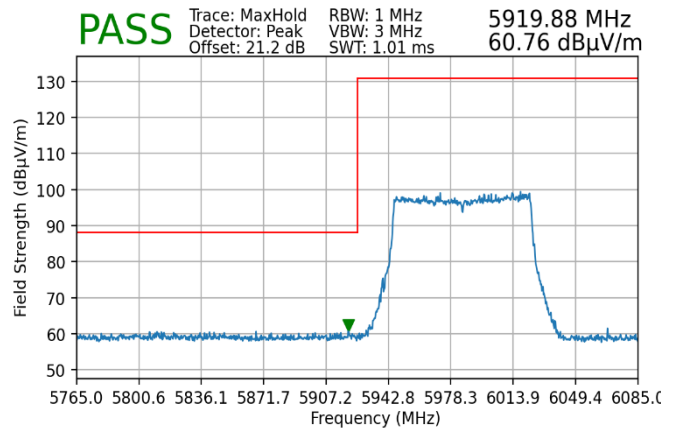
FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 109 of 124

7.7.4 MIMO Radiated Band Edge Measurements (80MHz BW)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7

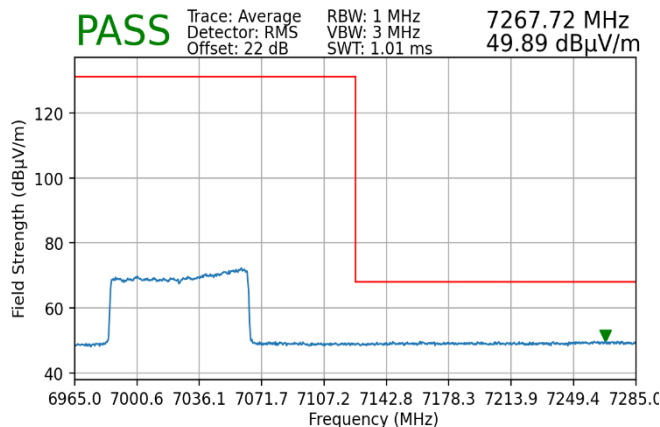


Plot 7-120. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)

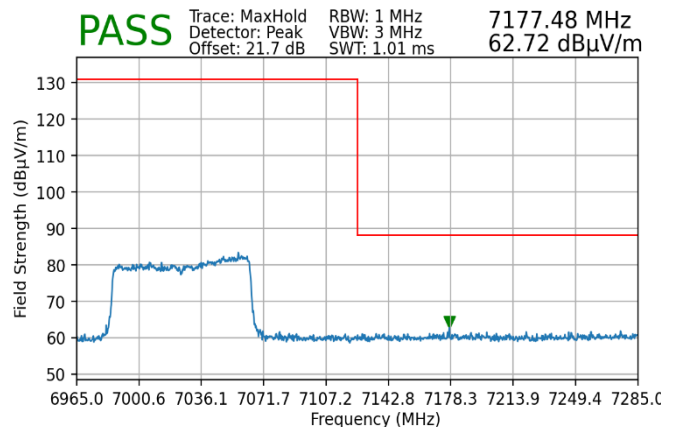


Plot 7-121. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



Plot 7-122. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8)

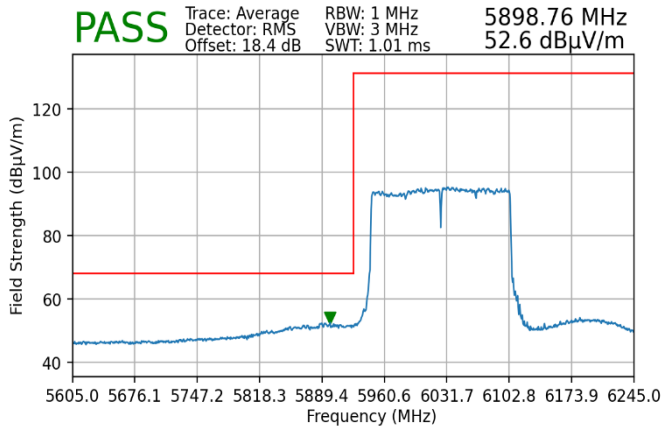


Plot 7-123. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8)

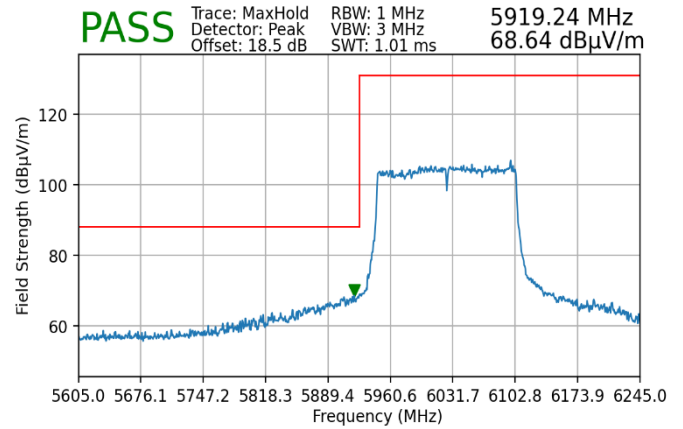
FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 110 of 124

7.7.5 MIMO Radiated Band Edge Measurements (160MHz BW)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15

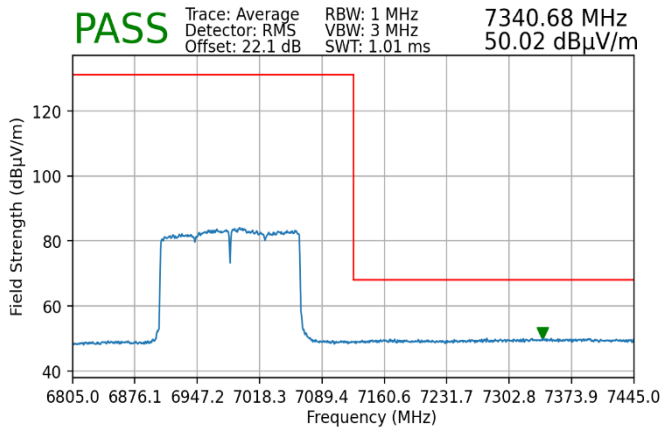


Plot 7-124. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)

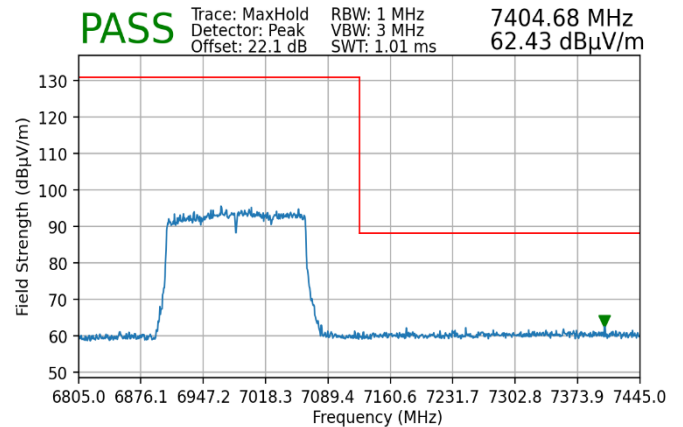


Plot 7-125. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



Plot 7-126. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8)

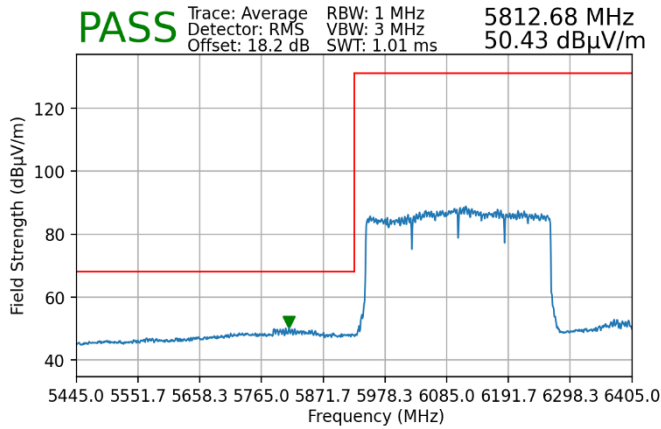


Plot 7-127. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8)

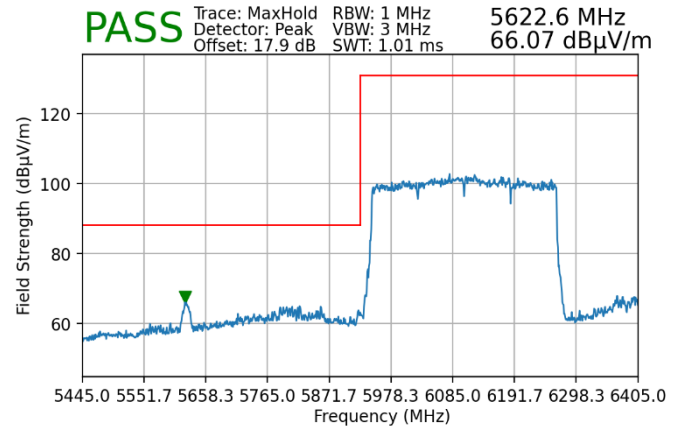
FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 111 of 124

7.7.6 MIMO Radiated Band Edge Measurements (320MHz BW)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6105MHz
Channel:	31

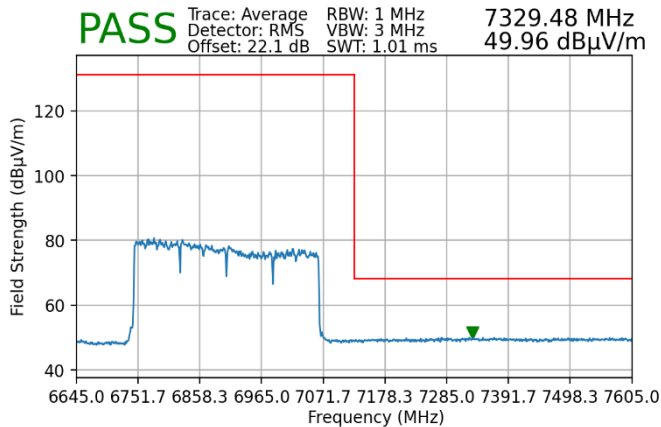


Plot 7-128. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)

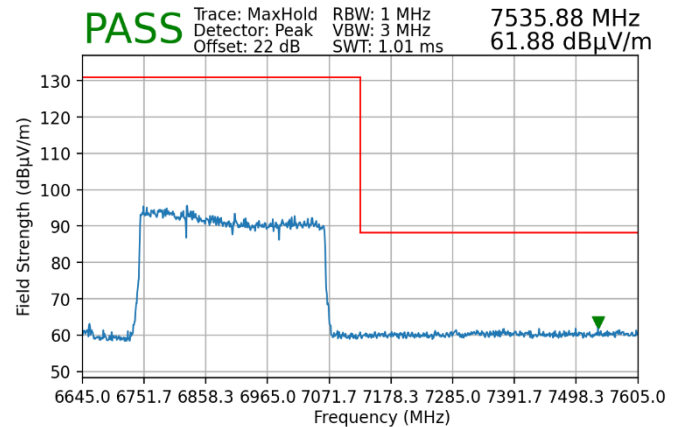


Plot 7-129. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6905MHz
Channel:	191



Plot 7-130. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8)

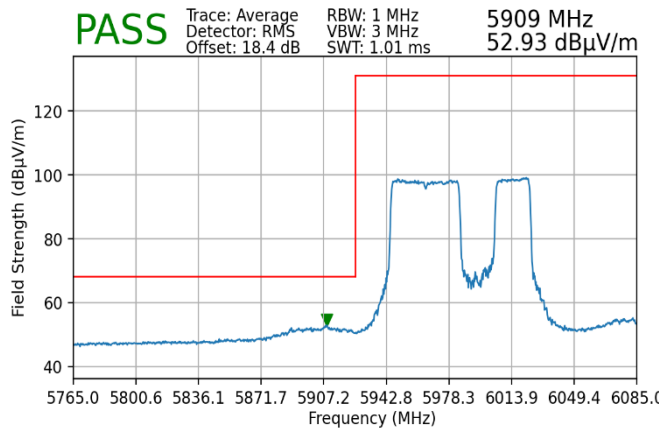


Plot 7-131. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8)

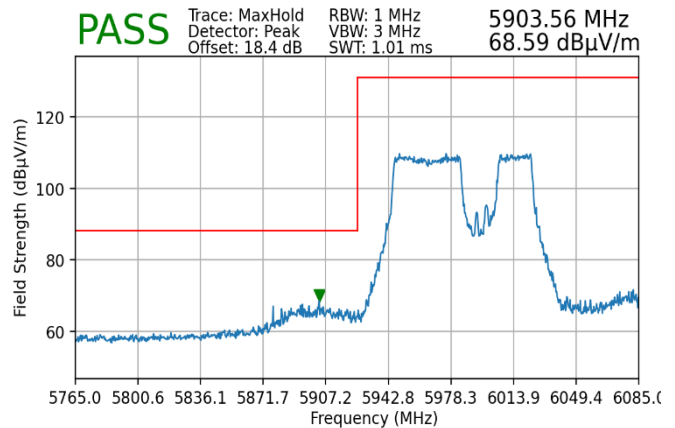
FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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7.7.7 MIMO Radiated Band Edge Measurements (80MHz BW) - Punctured

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7

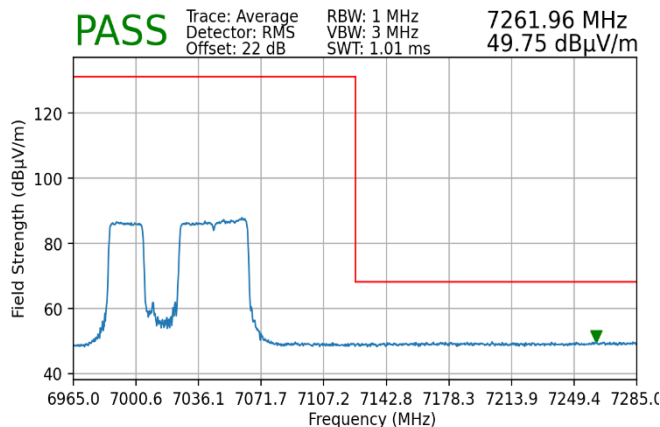


Plot 7-132. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)

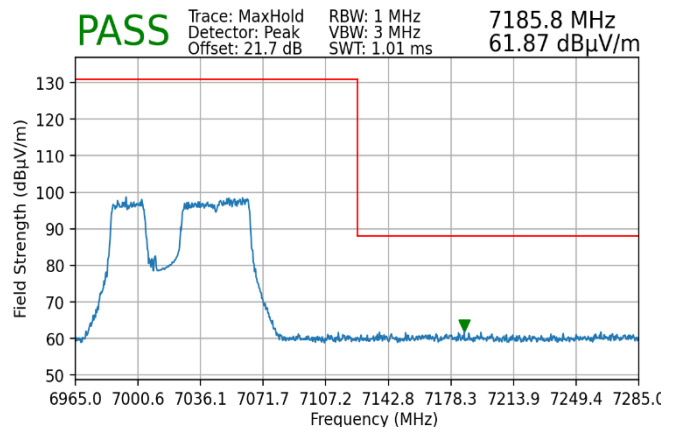


Plot 7-133. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



Plot 7-134. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8)

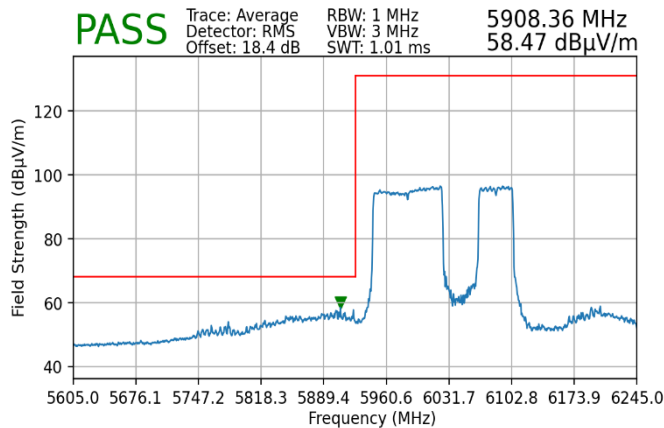


Plot 7-135. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8)

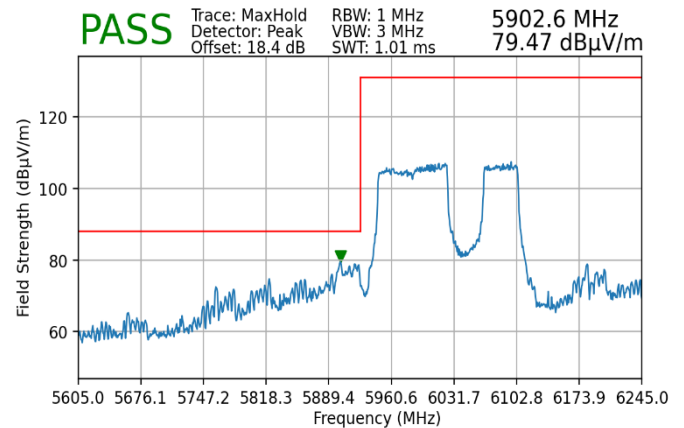
FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 113 of 124

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

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6025MHz
Channel:	15

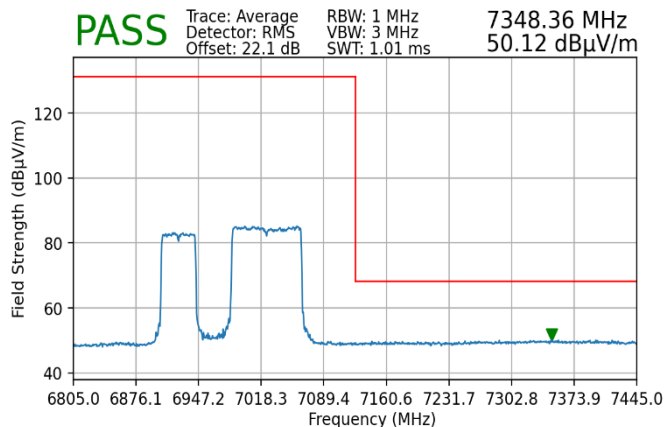


Plot 7-136. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)

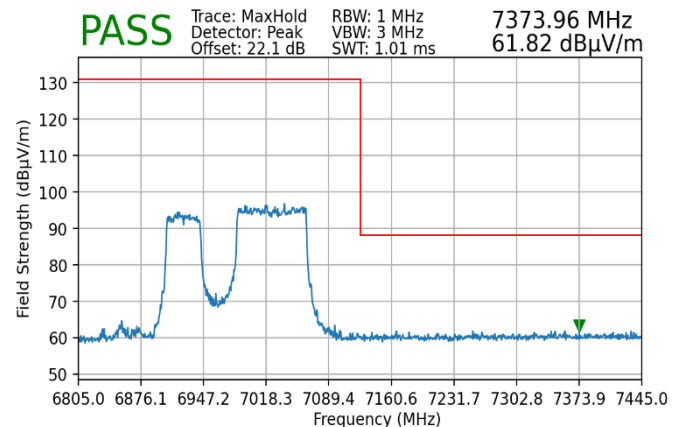


Plot 7-137. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



Plot 7-138. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8)

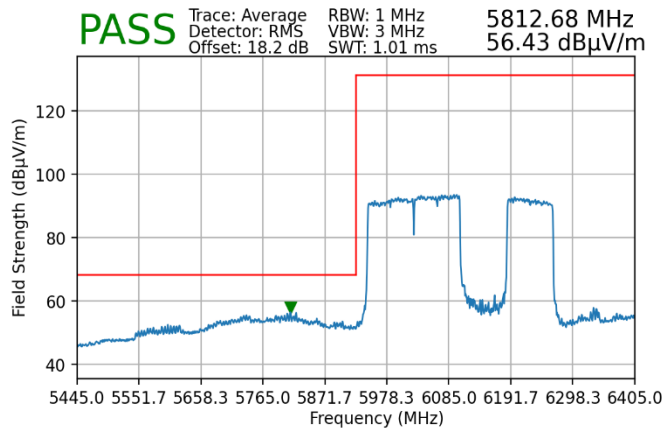


Plot 7-139. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8)

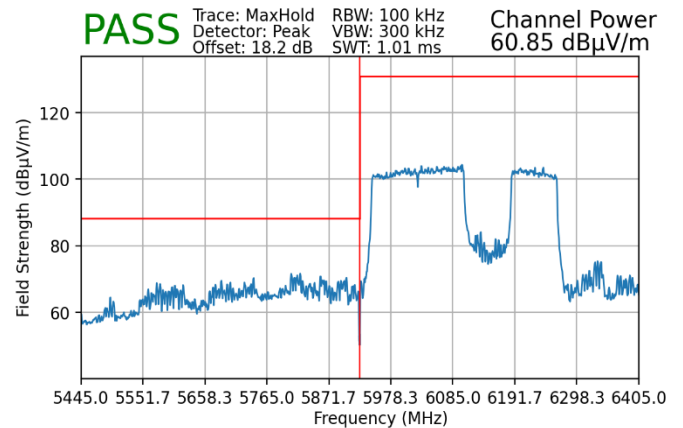
FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 114 of 124

7.7.9 MIMO Radiated Band Edge Measurements (320MHz BW) - Punctured

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6105MHz
Channel:	31

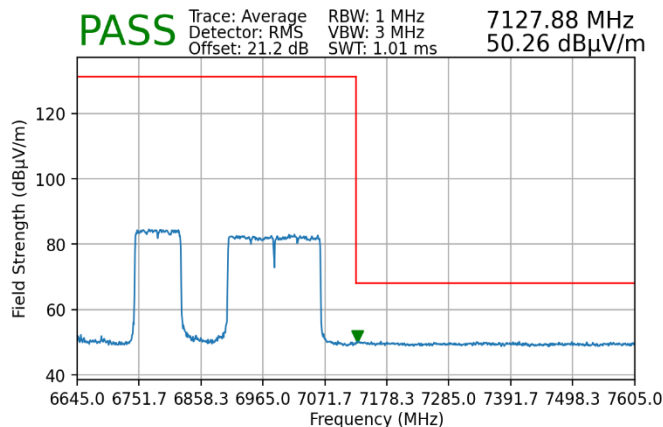


Plot 7-140. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)

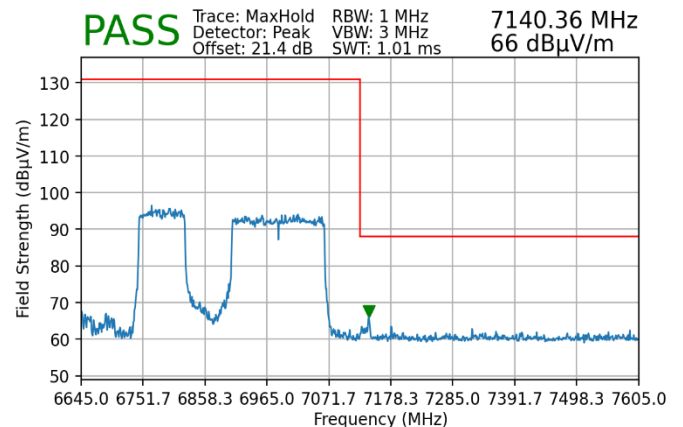


Plot 7-141. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	6905MHz
Channel:	191



Plot 7-142. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8)



Plot 7-143. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8)

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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7.8 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 Section 15.207.

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

Table 7-45. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2013, 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.

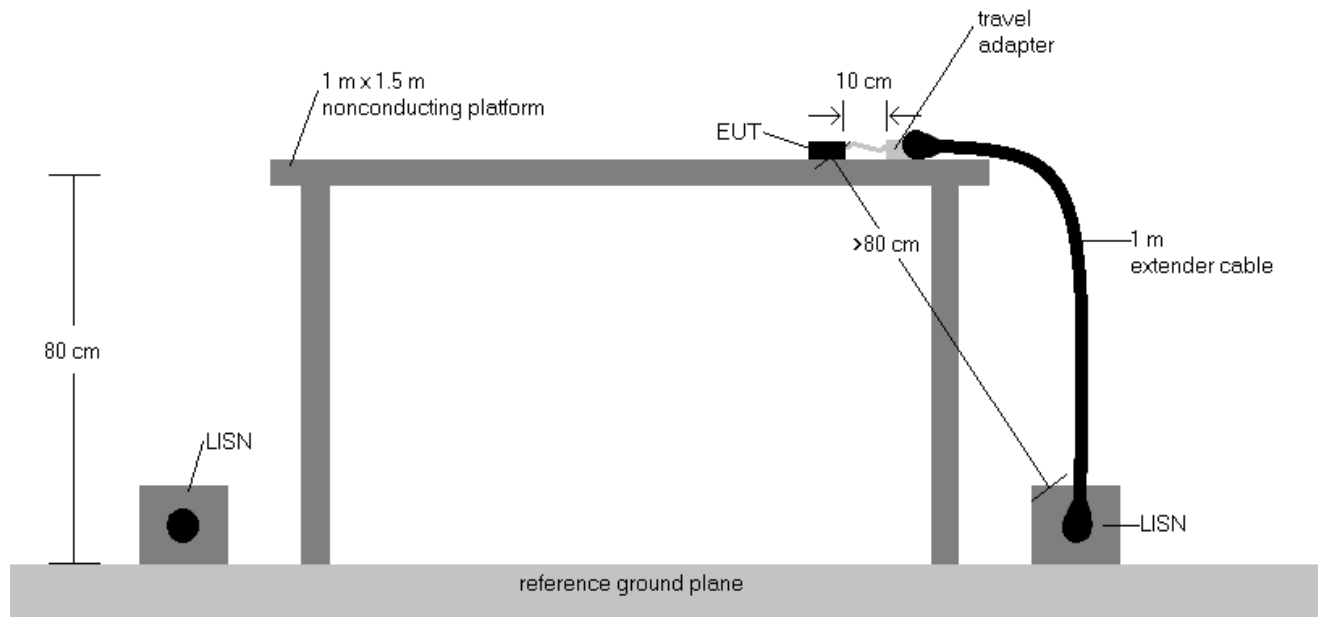
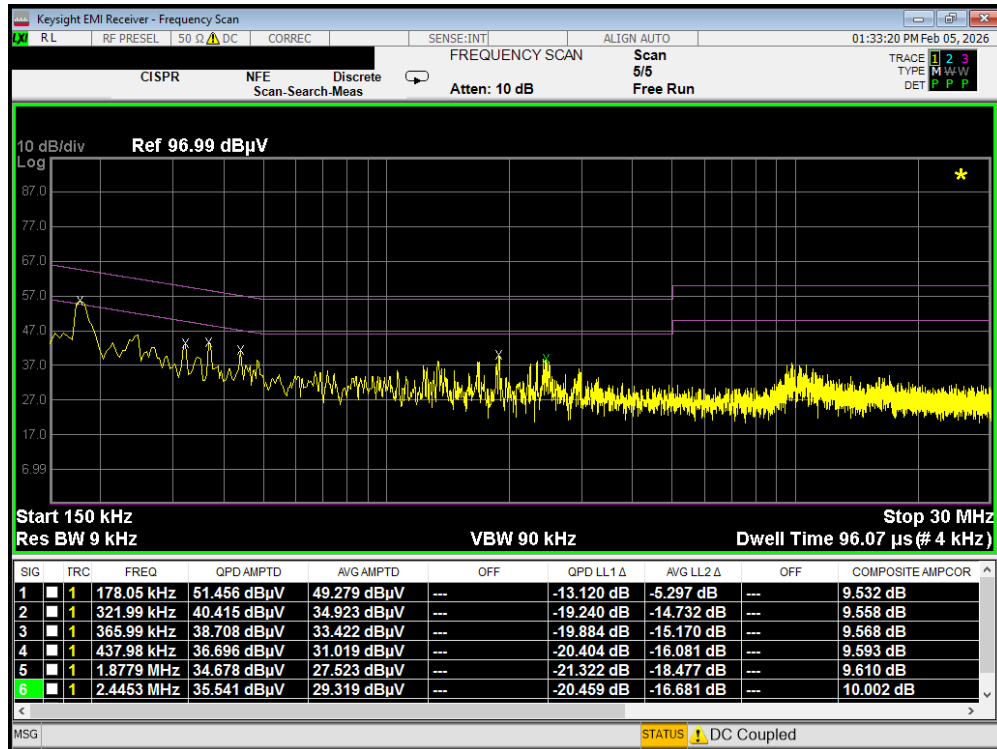


Figure 7-9. Test Instrument & Measurement Setup

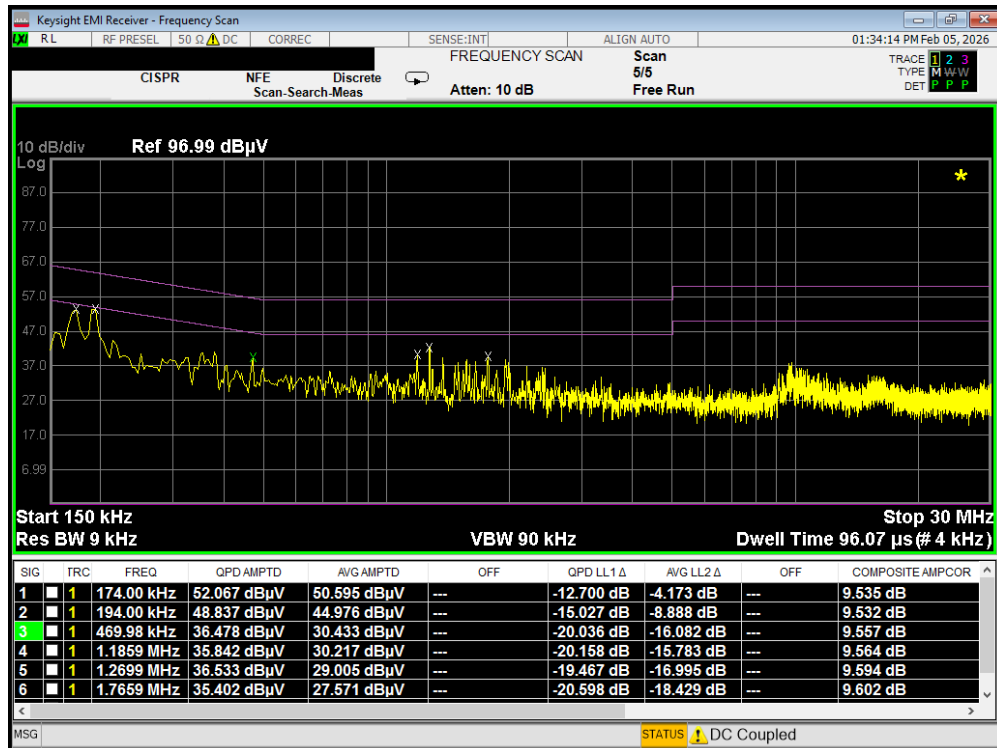
Test Notes

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.
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.

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Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 117 of 124

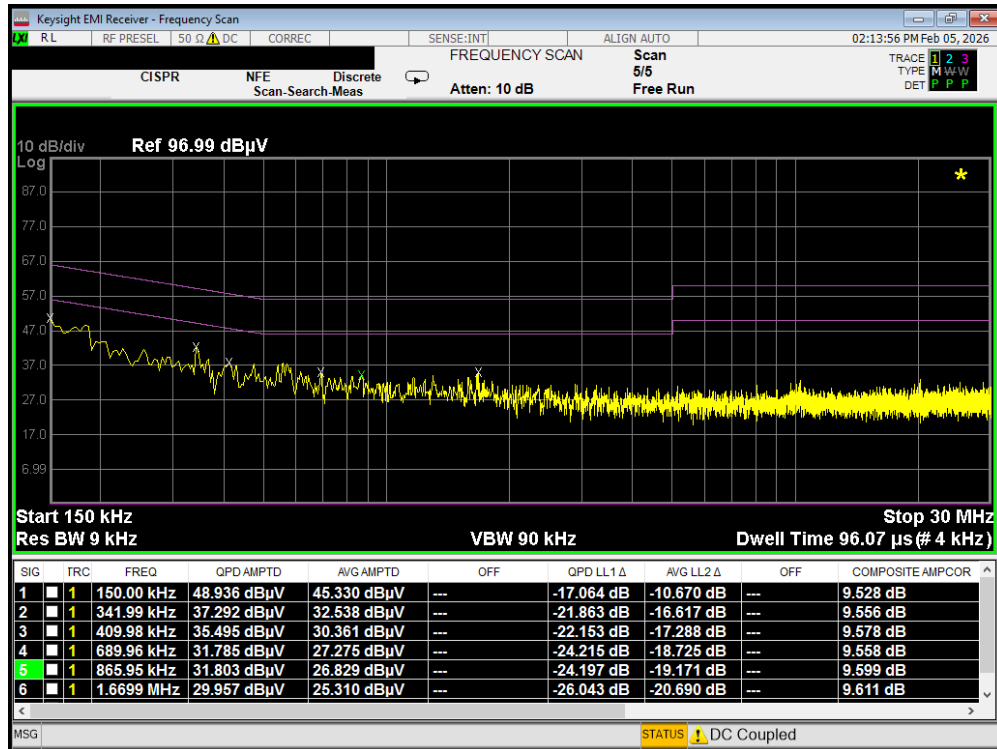


Plot 7-144. Line Conducted Plot with 802.11a UNII Band 5 (L1)

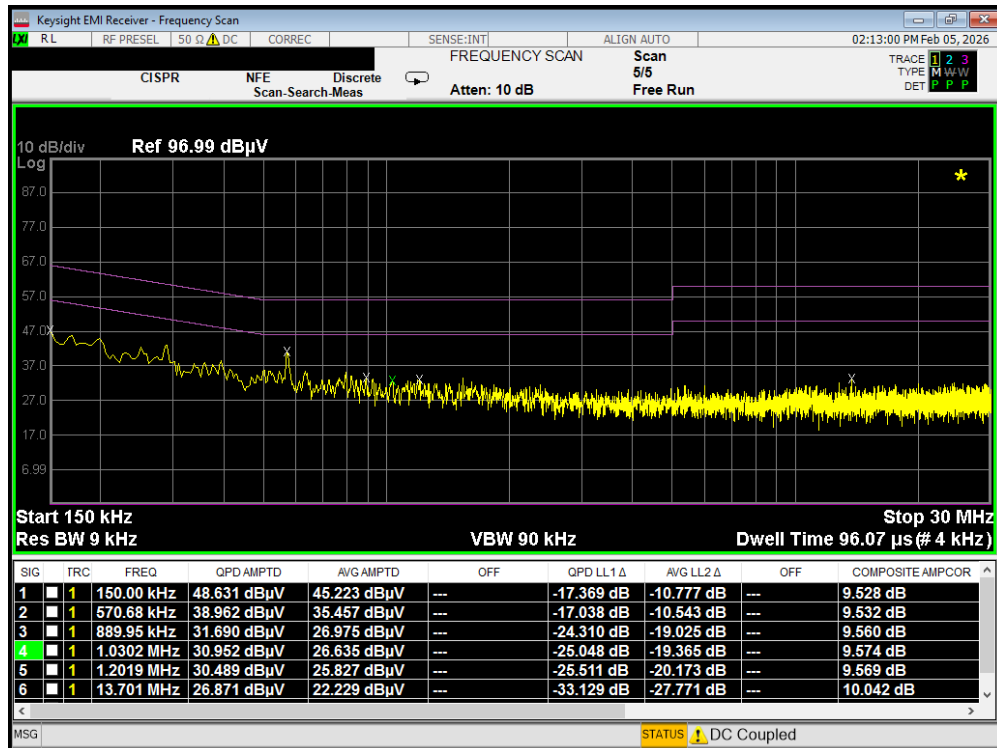


Plot 7-145. Line Conducted Plot with 802.11a UNII Band 5 (N)

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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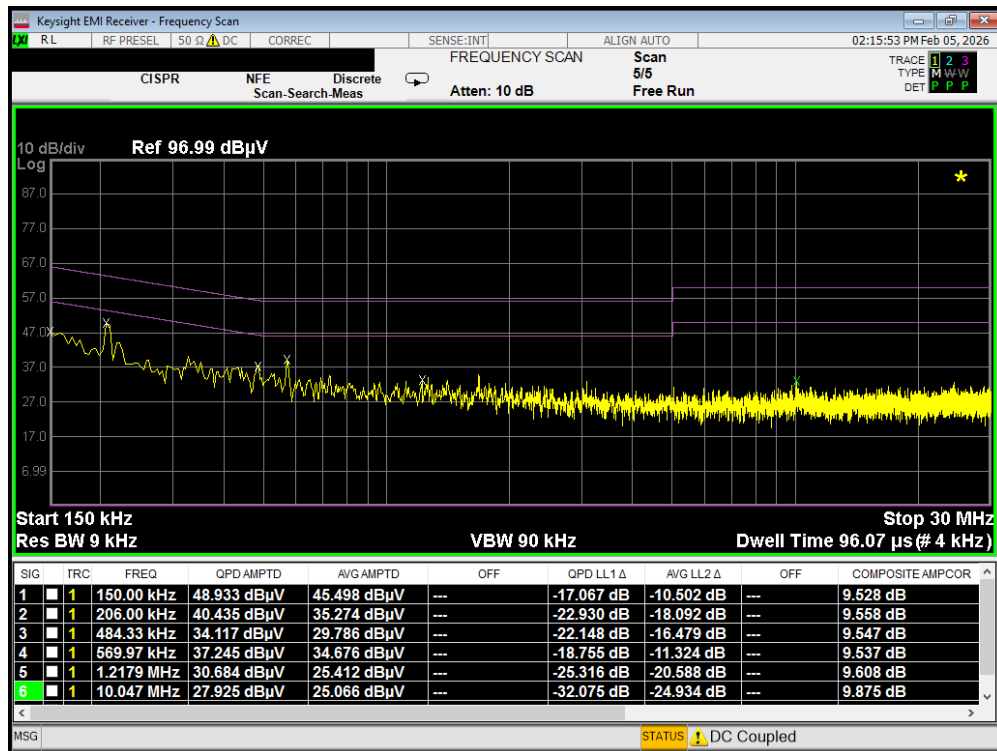


Plot 7-146. Line Conducted Plot with 802.11a UNII Band 6 (L1)

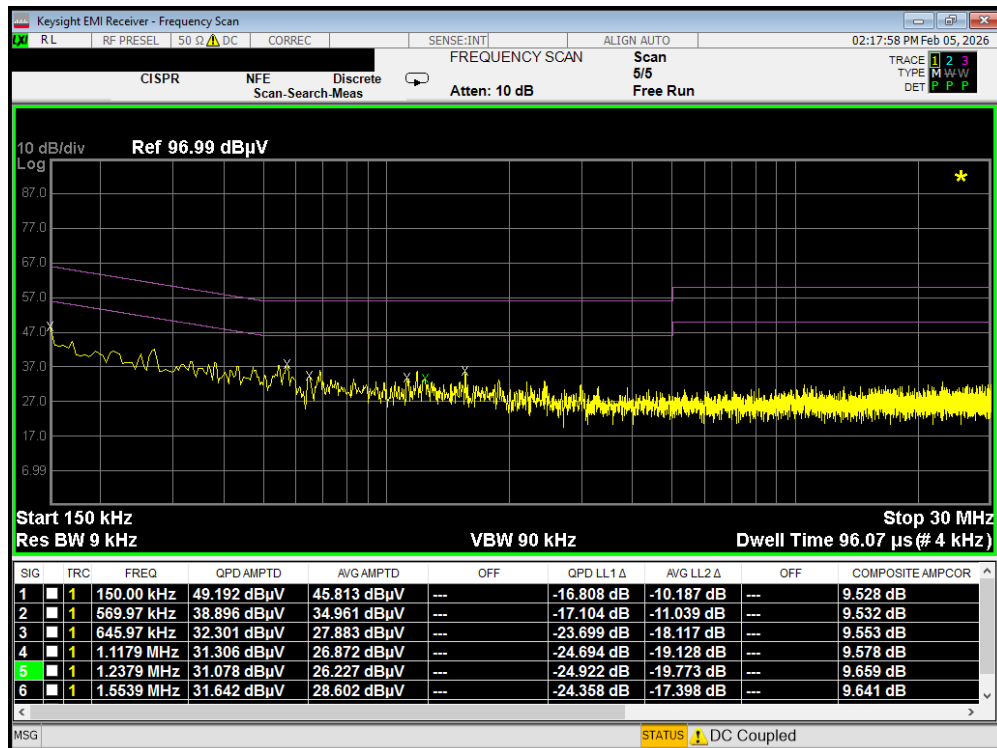


Plot 7-147. Line Conducted Plot with 802.11a UNII Band 6 (N)

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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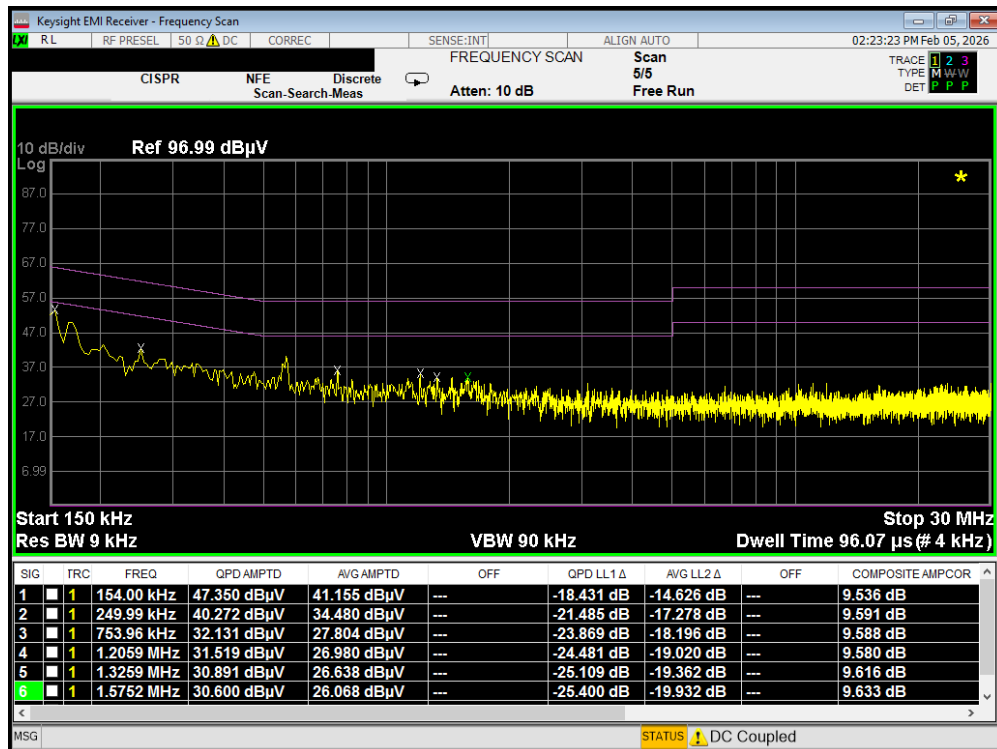


Plot 7-148. Line Conducted Plot with 802.11a UNII Band 7 (L1)

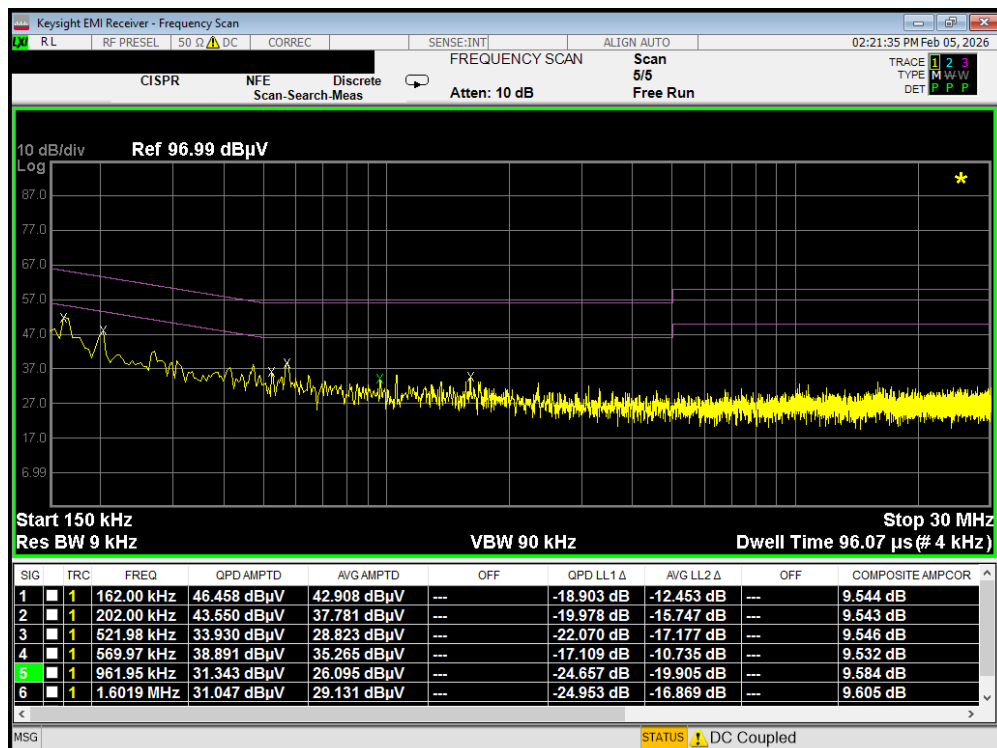


Plot 7-149. Line Conducted Plot with 802.11a UNII Band 7 (N)

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
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Plot 7-150. Line Conducted Plot with 802.11a UNII Band 8 (L1)



Plot 7-151. Line Conducted Plot with 802.11a UNII Band 8 (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 / IC: 3048A-2076** is in compliance with Part 15.407 of the FCC rules and RSS-248 of the ISED 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

6GHz WIFI (20MHz 802.11be MIMO)						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-5	6175	45	-0.77	-1.14	2.06	8.41	10.47	24.00	-13.53
UNII-6	6475	105	-1.69	-1.53	1.40	8.33	9.73	24.00	-14.27
UNII-7	6695	149	-1.70	-1.81	1.26	8.33	9.59	24.00	-14.41
UNII-8	6995	209	-0.29	-0.21	2.76	7.99	10.75	24.00	-13.25

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

6GHz WIFI (20MHz 802.11be MIMO)						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-5	6175	45	16.40	15.70	19.07	8.41	27.48	30.00	-2.52
UNII-7	6695	149	16.96	16.46	19.73	8.33	28.06	30.00	-1.94

Table 9-2. Conducted Output Power Measurements (Spot-check) - SP

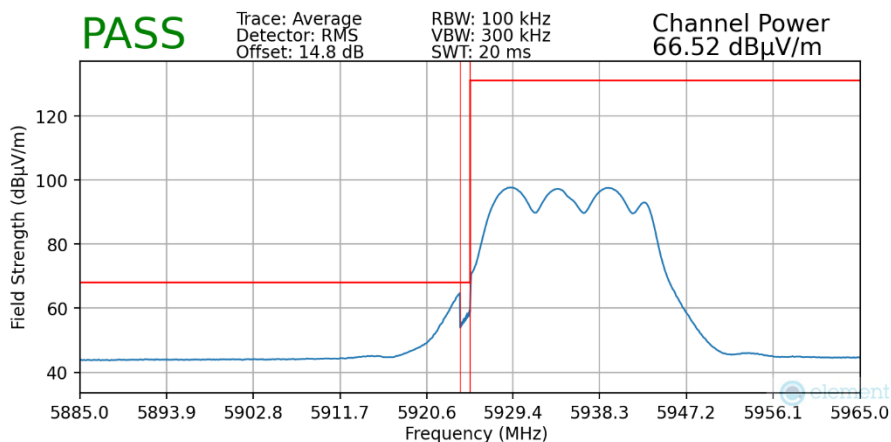
FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 123 of 124

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	5	45	6175	12350.00	Average	H	-	-	-77.86	9.39	38.53	53.98	-15.45

Table 9-3. RSE Measurements (Spot-check)

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5935MHz
 Channel: 2



Plot 9-1. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)

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 Ch Each UNII Band - 802.11be 20MHz - SP	dBm	N/A	18.92	19.07	0.15	1	PASS
					19.57	19.73	0.16	1	PASS
					1.79	2.06	0.27	1	PASS
2.1046, 15.407(a)(8)	Conducted Output Power	Mid Ch Each UNII Band - 802.11be 20MHz - LPI	dBm	N/A	1.03	1.4	0.37	1	PASS
					0.82	1.26	0.44	1	PASS
					2.39	2.76	0.37	1	PASS
15.209	Radiated Spurious Emissions	802.11a MIMO Ch.45 - Average - 12350 MHz	dBμV/m	53.98	41	38.53	-2.47	3	PASS
15.209	Radiated Band Edge Emissions	802.11a MIMO Ch.2 - Average	dBμV/m	68.2	66.66	66.52	-0.14	3	PASS

Table 9-4. Summary of Spot-checks

- END OF TEST REPORT -

FCC ID: C3K2076 IC: 3048A-2076	MEASUREMENT REPORT CLASS II PERMISSIVE CHANGE		Approved by: Technical Manager
Test Report S/N: 1M2511240098-11-R3.C3K	Test Dates: 12/16/2025 - 03/11/2026	EUT Type: Portable Computing Device	Page 124 of 124