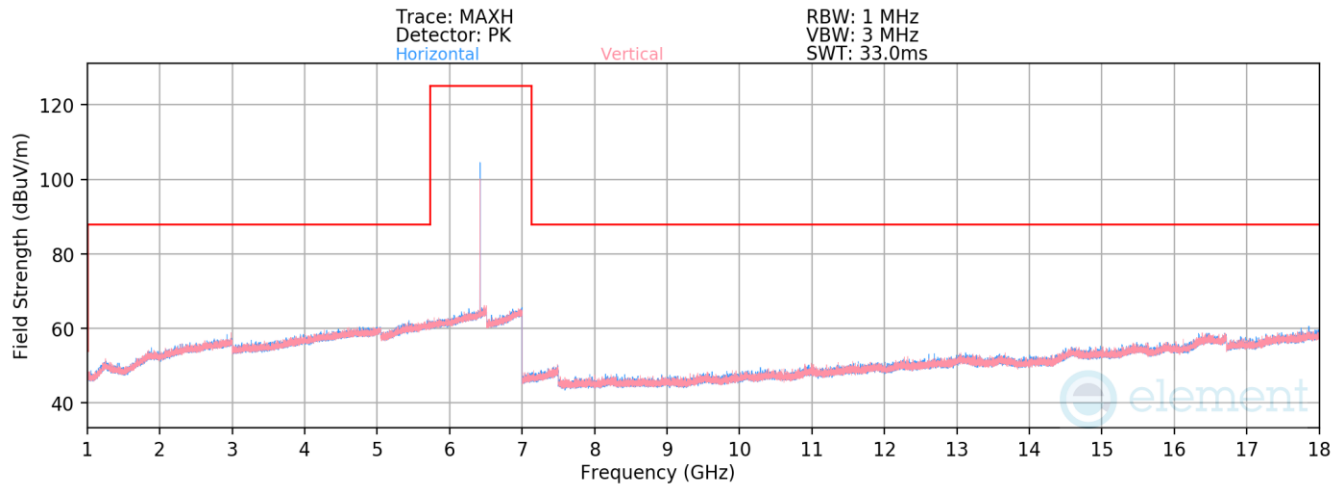




Plot 7-37. Radiated Spurious Emissions 1-18GHz (NB UNII LE1M – 6420MHz)

Mode: LE1M

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

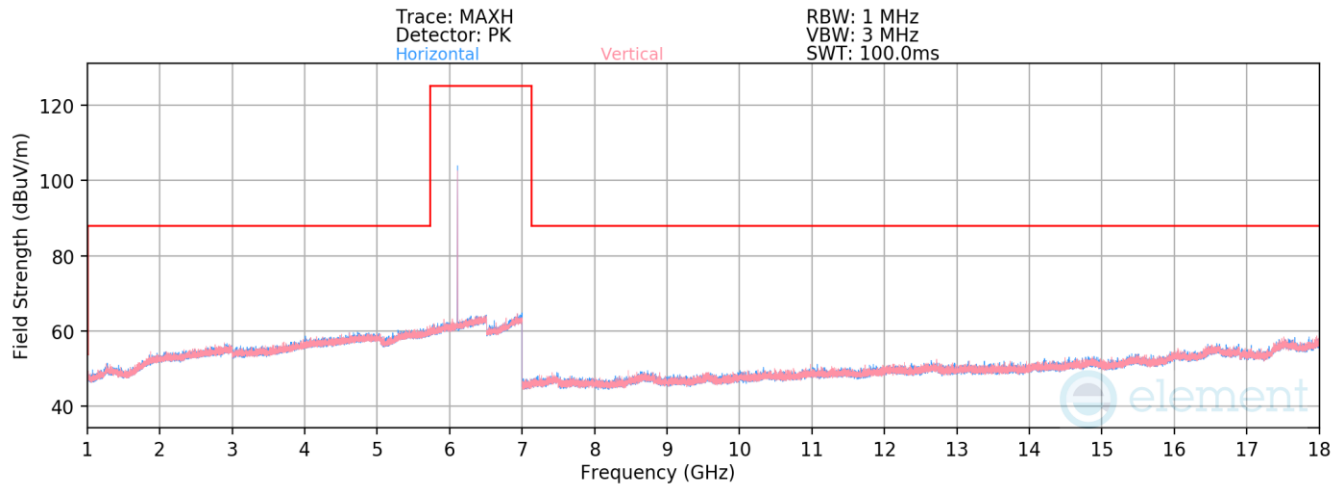
Operating Frequency: 6420MHz

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]
12840.00	Average	-	-	-	-80.76	14.33	40.56	68.23	-27.67
12840.00	Peak	-	-	-	-70.17	14.33	51.15	88.23	-37.08

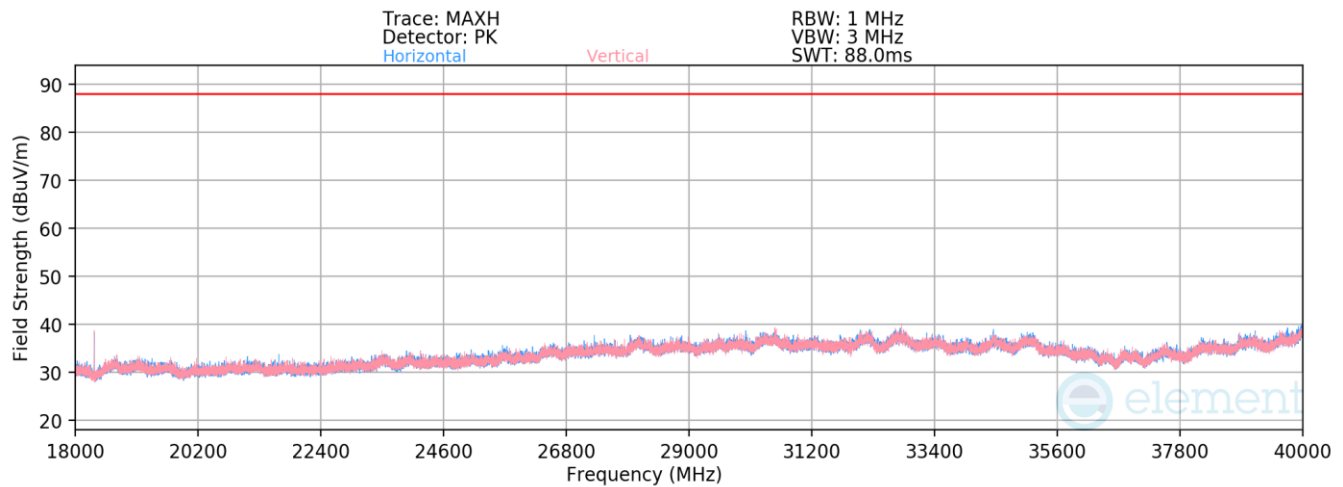
Table 7-17. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 59 of 89

NB UNII HDR4



Plot 7-38. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 6108MHz)



Plot 7-39. Radiated Spurious Emissions Above 18GHz (NB UNII HDR4 – 6108MHz)

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 60 of 89

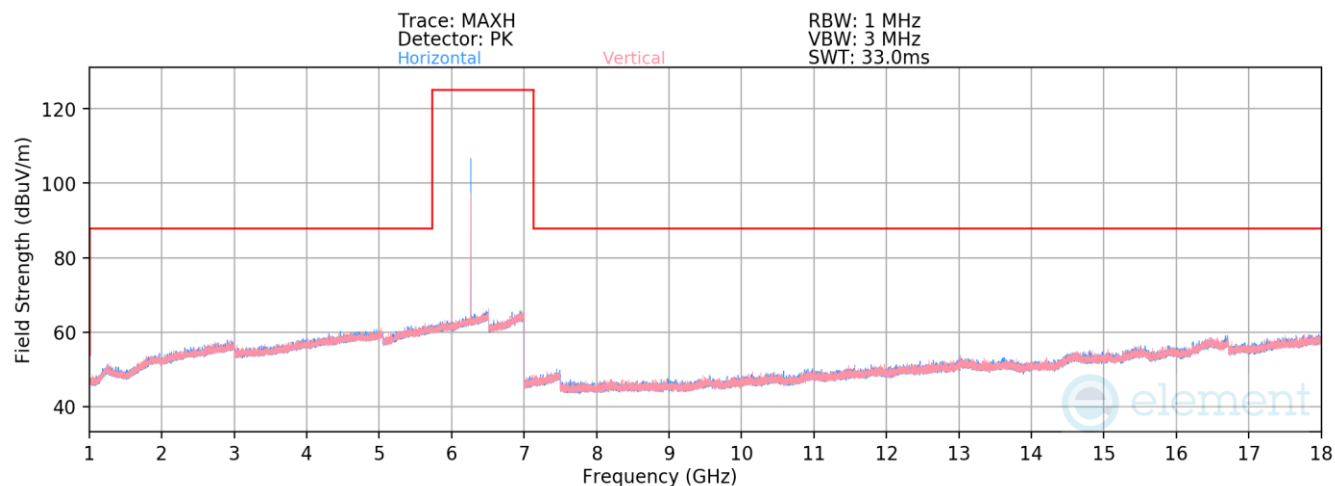
Mode: HDR4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 6108MHz

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Duty Cycle Correction [dB]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	12216.00	Average	-	-	-	-80.19	13.67	0.00	0.00	40.48	53.98	-13.50
*	12216.00	Peak	-	-	-	-69.31	13.67	0.00	0.00	51.36	73.98	-22.62
*	18324.00	Avg	V	150	107	-54.38	-5.90	1.06	-9.54	38.24	53.98	-15.74
*	18324.00	Peak	V	150	107	-44.10	-5.90	0.00	-9.54	47.46	73.98	-26.52
	24432.00	Avg	-	-	-	-63.40	-5.66	0.00	-9.54	28.40	68.23	-39.83
	24432.00	Peak	-	-	-	-51.97	-5.66	0.00	-9.54	39.83	88.23	-48.40
	30540.00	Avg	H	150	210	-62.86	-3.01	1.06	-9.54	32.65	68.23	-35.58
	30540.00	Peak	H	150	210	-51.63	-3.01	0.00	-9.54	42.82	88.23	-45.41
	36648.00	Avg	-	-	-	-62.67	-4.87	0.00	-9.54	29.91	68.23	-38.32
	36648.00	Peak	-	-	-	-51.09	-4.87	0.00	-9.54	41.50	88.23	-46.73

Table 7-18. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 61 of 89

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Plot 7-40. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 6264MHz)

Mode: HDR4

Data Rate: 4Mbps

Distance of Measurements: 3 Meters

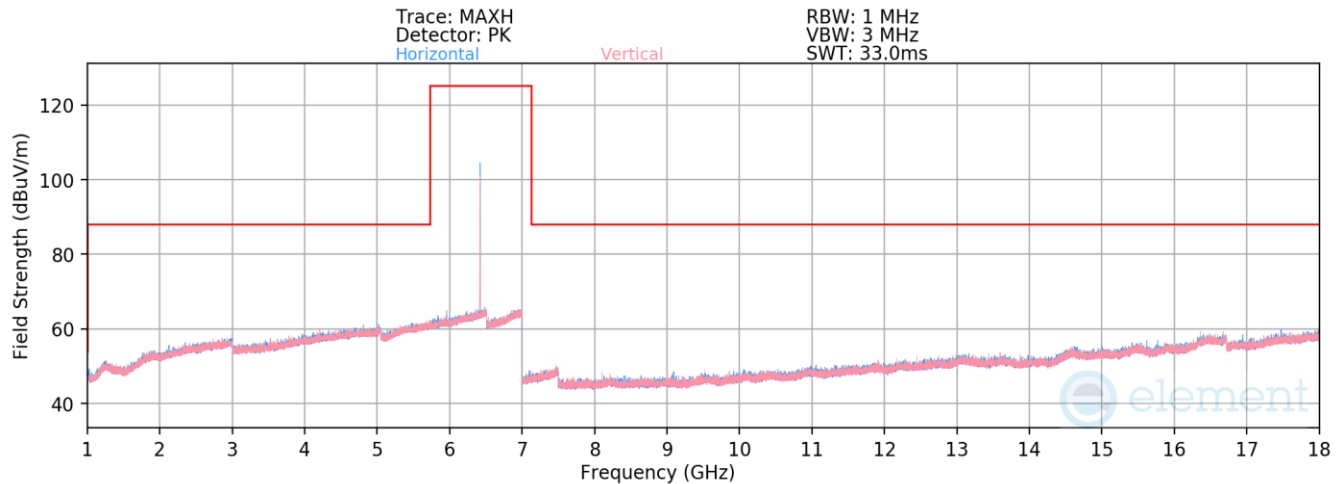
Operating Frequency: 6264MHz

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
*	12528.00	Average	-	-	-	-90.24	23.66	40.42	53.98	-13.56
*	12528.00	Peak	-	-	-	-79.94	23.66	50.72	73.98	-23.26

Table 7-19. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 62 of 89

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Plot 7-41. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 6420MHz)

Mode: HDR4

Data Rate: 4Mbps

Distance of Measurements: 3 Meters

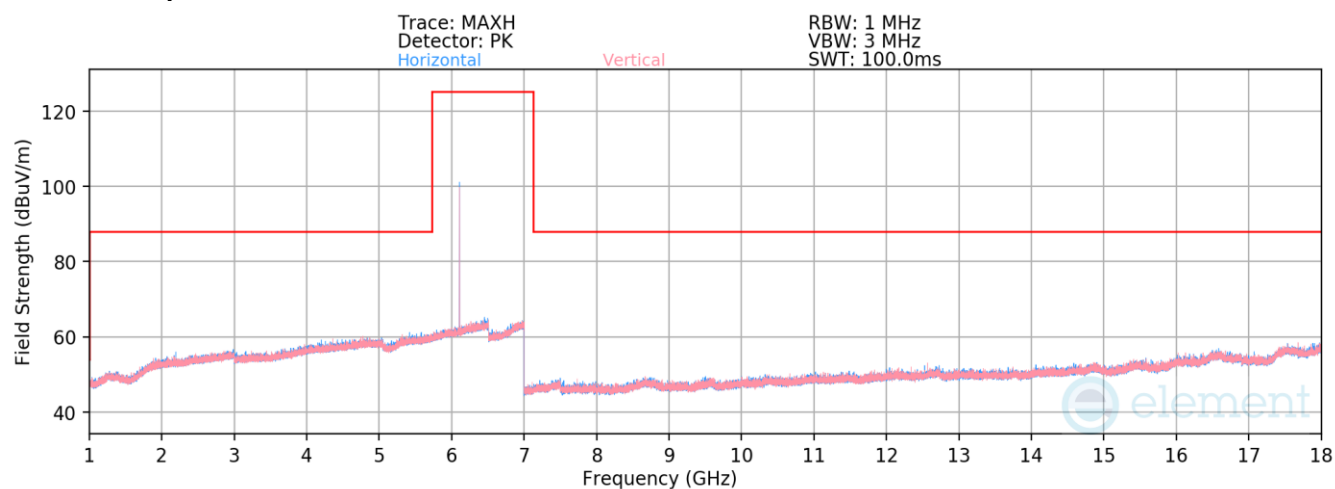
Operating Frequency: 6420MHz

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]
12840.00	Average	-	-	-	-80.79	14.33	40.54	68.23	-27.69
12840.00	Peak	-	-	-	-70.16	14.33	51.17	88.23	-37.06

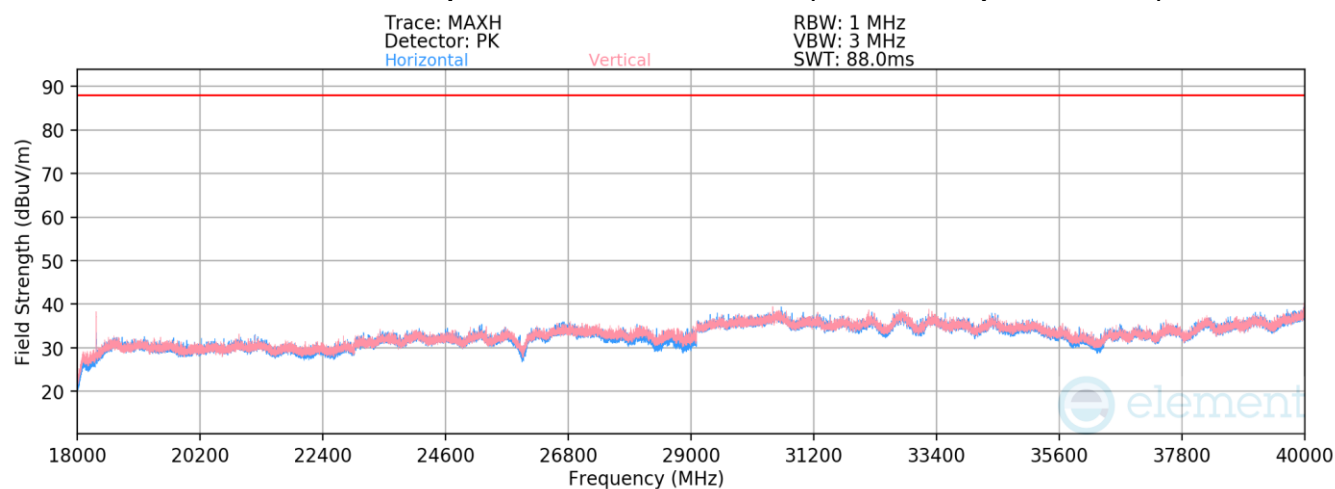
Table 7-20. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 63 of 89

NB UNII HDRp4



Plot 7-42. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 6108MHz)



Plot 7-43. Radiated Spurious Emissions Above 18GHz (NB UNII HDRp4 – 6108MHz)

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 64 of 89

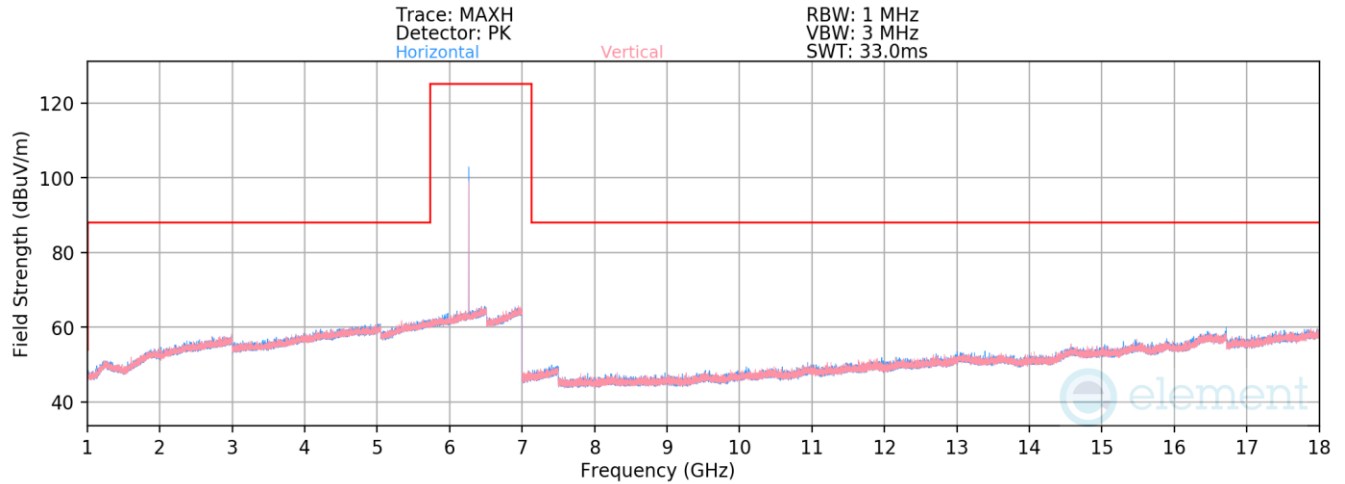
Mode: HDRp4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 6108MHz

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Duty Cycle Correction [dB]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	12216.00	Average	-	-	-	-80.49	13.67	0.00	0.00	40.18	53.98	-13.80
*	12216.00	Peak	-	-	-	-69.42	13.67	0.00	0.00	51.25	73.98	-22.73
*	18324.00	Avg	H	150	172	-53.82	-7.54	0.58	-9.54	36.68	53.98	-17.30
*	18324.00	Peak	H	150	172	-45.25	-7.54	0.00	-9.54	44.67	73.98	-29.31
	24432.00	Avg	-	-	-	-62.03	-6.53	0.00	-9.54	28.90	68.23	-39.33
	24432.00	Peak	-	-	-	-50.50	-6.53	0.00	-9.54	40.43	88.23	-47.80
	30540.00	Avg	V	150	258	-62.25	-2.95	0.58	-9.54	32.84	68.23	-35.39
	30540.00	Peak	V	150	258	-51.41	-2.95	0.00	-9.54	43.10	88.23	-45.13
	36648.00	Avg	-	-	-	-59.76	-6.66	0.00	-9.54	31.04	68.23	-37.19
	36648.00	Peak	-	-	-	-47.81	-6.66	0.00	-9.54	42.99	88.23	-45.24

Table 7-21. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 65 of 89

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Plot 7-44. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 6264MHz)

Mode: HDRp4

Data Rate: 4Mbps

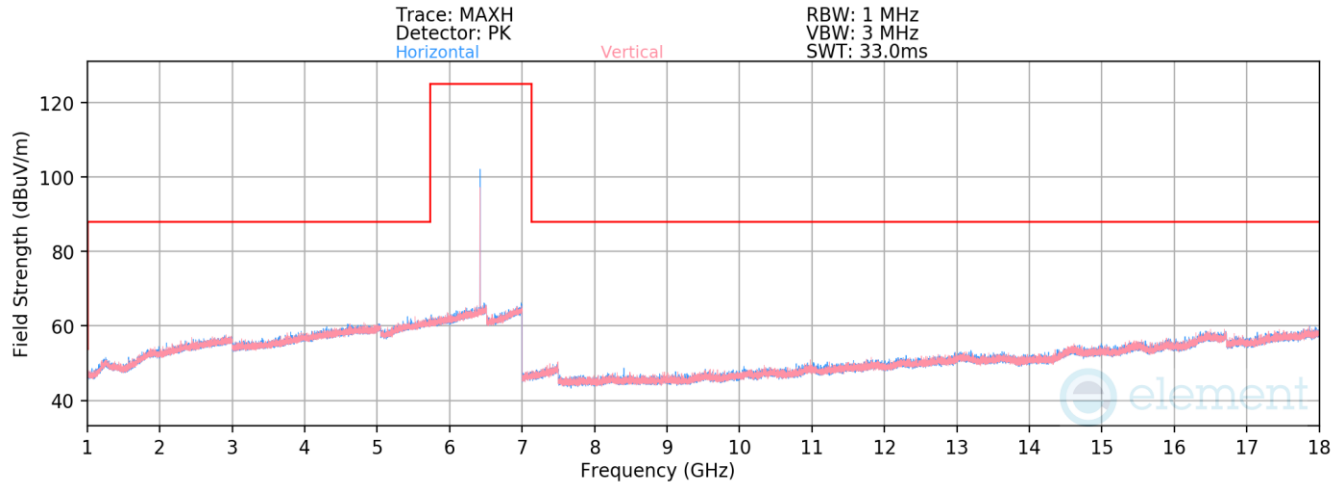
Distance of Measurements: 3 Meters

Operating Frequency: 6264MHz

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
*	12528.00	Average	-	-	-	-90.14	23.66	40.52	53.98	-13.46
*	12528.00	Peak	-	-	-	-79.85	23.66	50.81	73.98	-23.17

Table 7-22. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 66 of 89



Plot 7-45. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 6420MHz)

Mode: HDRp4

Data Rate: 4Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 6420MHz

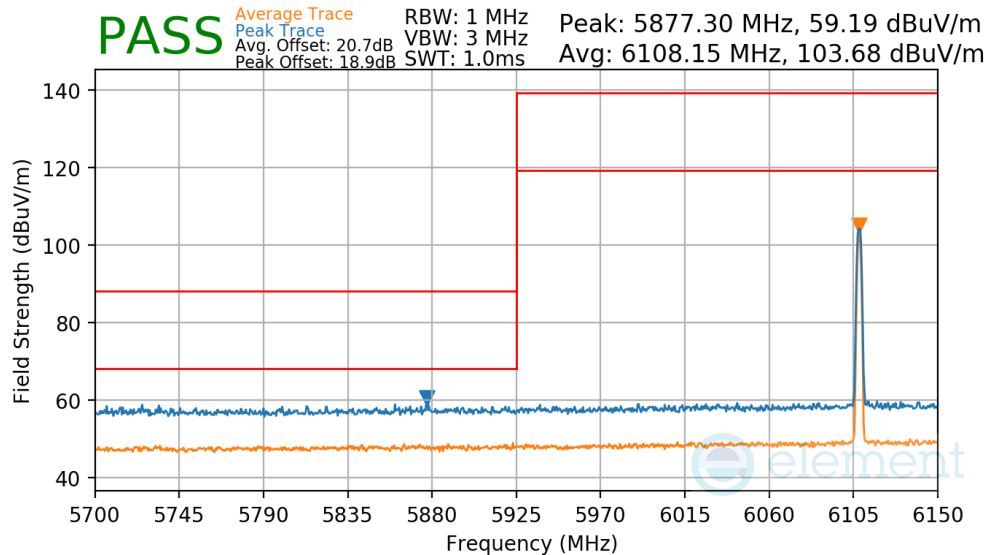
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12840.00	Average	-	-	-	-25.13	14.33	41.15	68.23	-27.08
12840.00	Peak	-	-	-	-25.13	14.33	51.85	88.23	-36.38

Table 7-23. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 67 of 89

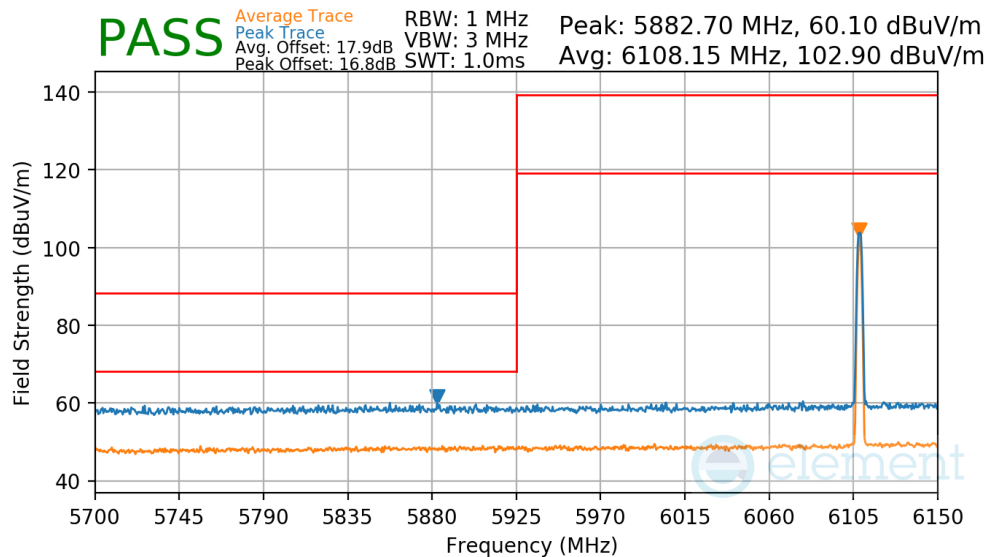
7.8.2 Radiated Band Edge Measurements

Mode: NB UNII BDR
 Measurement Distance: 3 Meters
 Operating Frequency: 6108MHz



Plot 7-46. Radiated Lower Band Edge Measurement

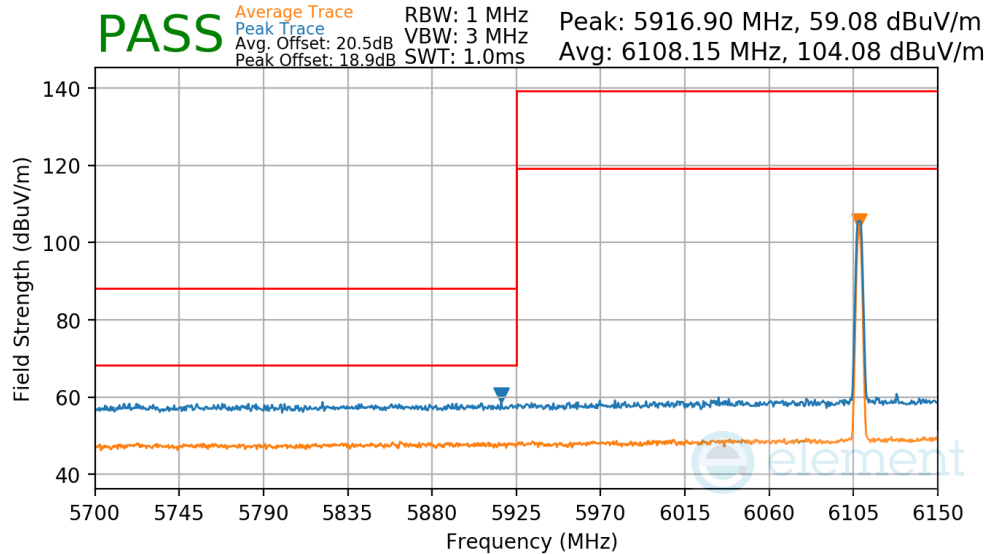
Mode: NB UNII LE1M
 Data Rate: 1Mbps
 Measurement Distance: 3 Meters
 Operating Frequency: 6108MHz



Plot 7-47. Radiated Lower Band Edge Measurement

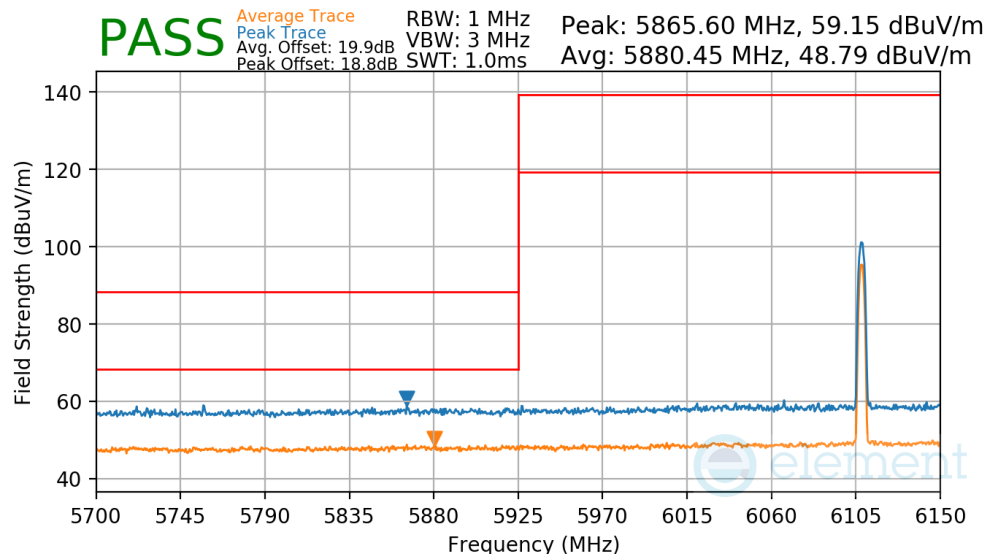
FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 68 of 89

Mode: NB UNII LE2M
 Data Rate: 2Mbps
 Measurement Distance: 3 Meters
 Operating Frequency: 6108MHz



Plot 7-48. Radiated Lower Band Edge Measurement

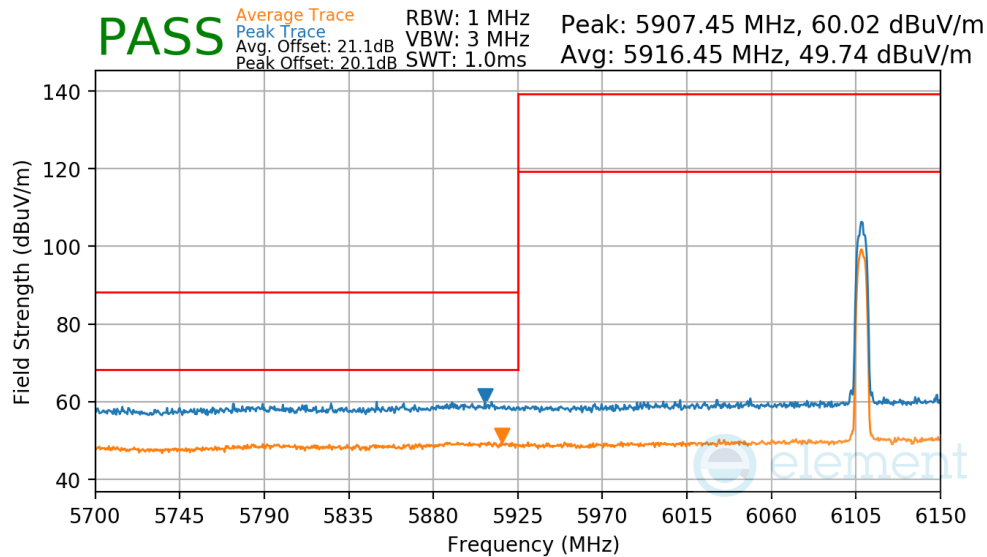
Mode: NB UNII HDR4
 Measurement Distance: 3 Meters
 Operating Frequency: 6108MHz



Plot 7-49. Radiated Lower Band Edge Measurement

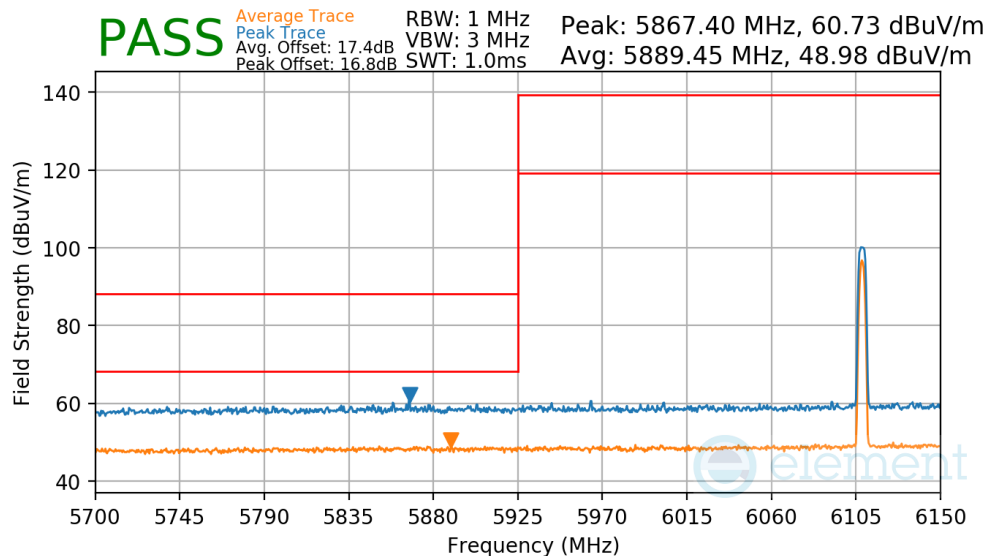
FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 69 of 89

Mode: NB UNII HDR8
 Measurement Distance: 3 Meters
 Operating Frequency: 6108MHz



Plot 7-50. Radiated Lower Band Edge Measurement

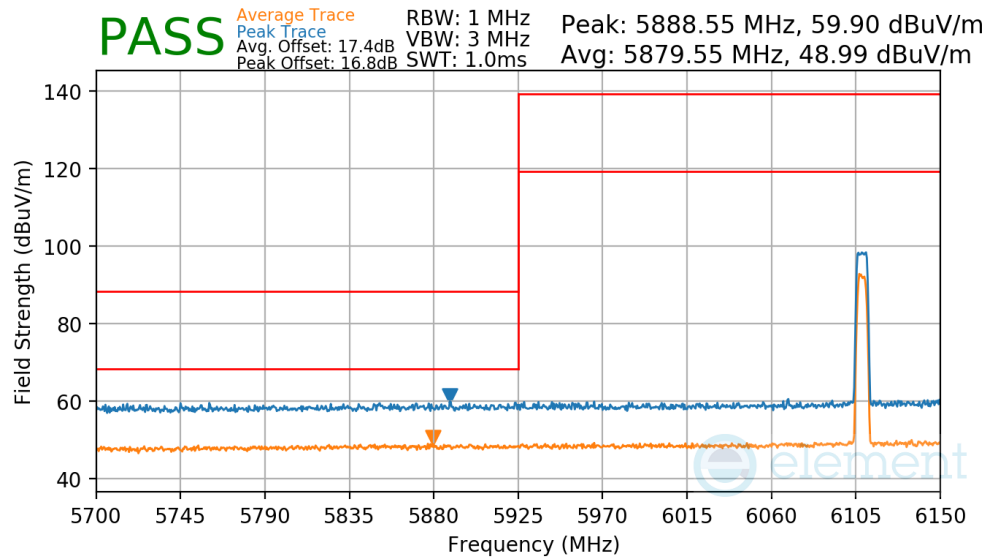
Mode: NB UNII HDRp4
 Measurement Distance: 3 Meters
 Operating Frequency: 6108MHz



Plot 7-51. Radiated Lower Band Edge Measurement

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 70 of 89

Mode: NB UNII HDRp8
 Measurement Distance: 3 Meters
 Operating Frequency: 6108MHz



Plot 7-52. Radiated Lower Band Edge Measurement

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 71 of 89

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7.9 Radiated Spurious Emissions – Below 1GHz

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 maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 must not exceed the limits shown in Table 7-24 per Section 15.209 and RSS-Gen (7.4.3).

Frequency	Field Strength [$\mu\text{V/m}$]	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 7-24. Radiated Limits

Test Procedures Used

ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

Test Settings

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

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. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 72 of 89

Test Setup

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

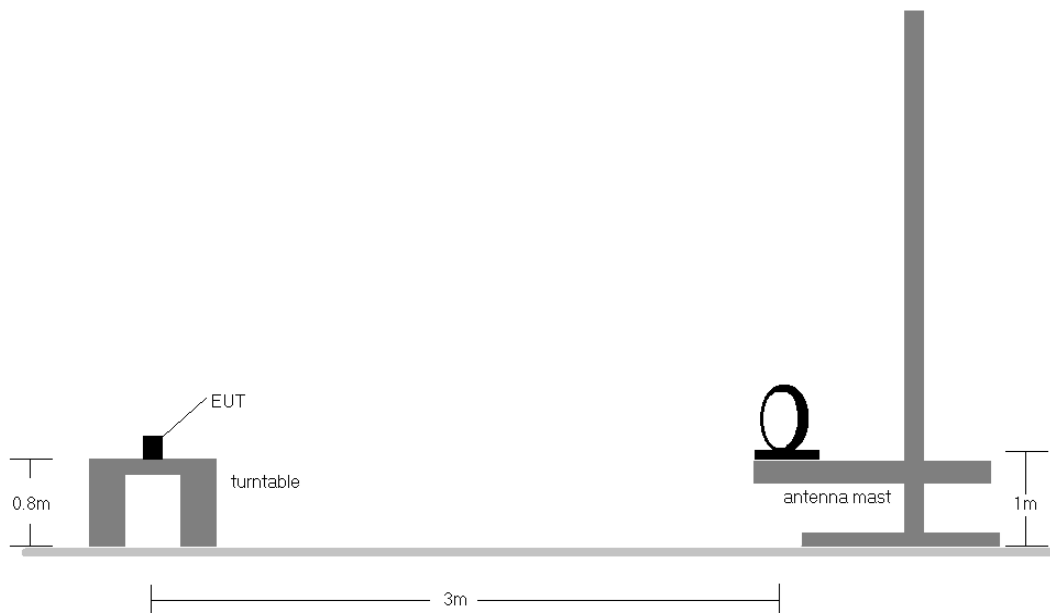


Figure 7-9. Radiated Test Setup < 30MHz

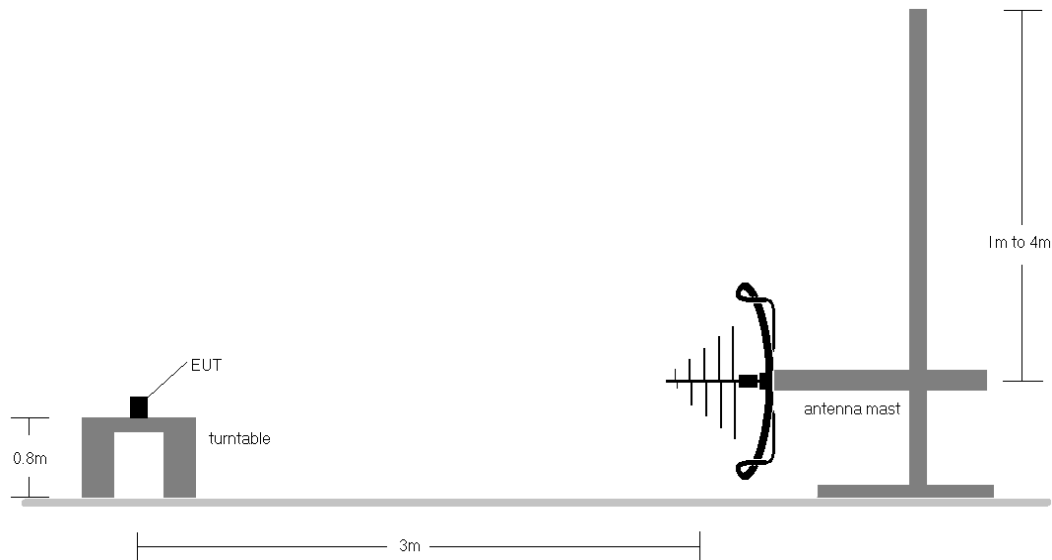


Figure 7-10. Radiated Test Setup < 1GHz

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 73 of 89

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Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (7.5) are below the limit shown in Table 7-24.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
3. This unit was tested with its standard battery.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector for emissions within 6dB of the limit.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. 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.
9. All supported modes have been tested on the unit and only worst case configuration is reported.
10. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT charged by charging case and powered by AC/DC adaptor with USB-C cable
 - b. EUT charged by charging case and powered by host PC with USB-C cable
11. The unit was tested with all possible modes and only the highest emission is reported.

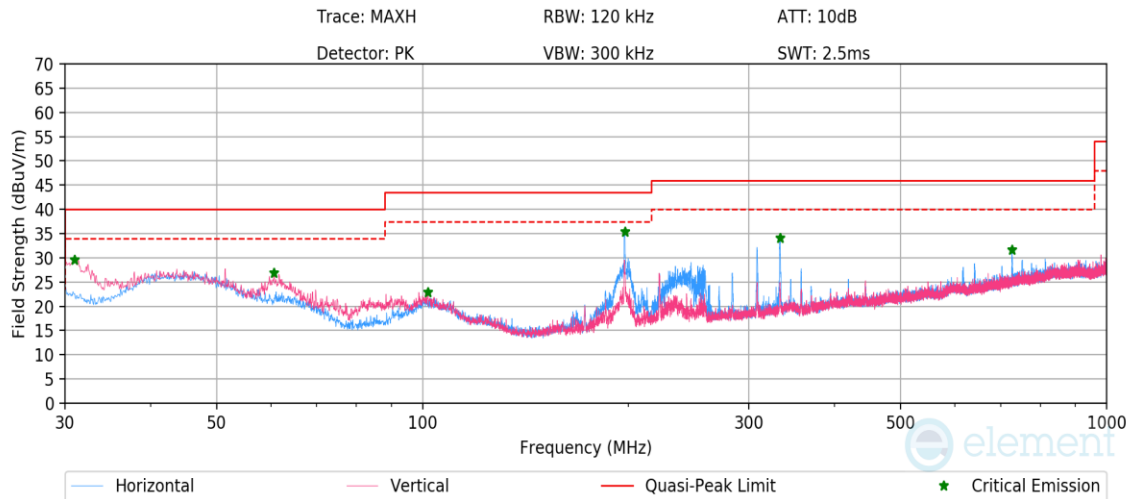
Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level $_{[dB\mu V/m]} = \text{Analyzer Level }_{[dBm]} + 107 + \text{AFCL }_{[dB/m]}$
- $\text{AFCL }_{[dB/m]} = \text{Antenna Factor }_{[dB/m]} + \text{Cable Loss }_{[dB]} - \text{Preamplifier Gain }_{[dB]}$
- $\text{Margin }_{[dB]} = \text{Field Strength Level }_{[dB\mu V/m]} - \text{Limit }_{[dB\mu V/m]}$

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 74 of 89

7.9.1 Radiated Spurious Emissions (Below 1GHz)

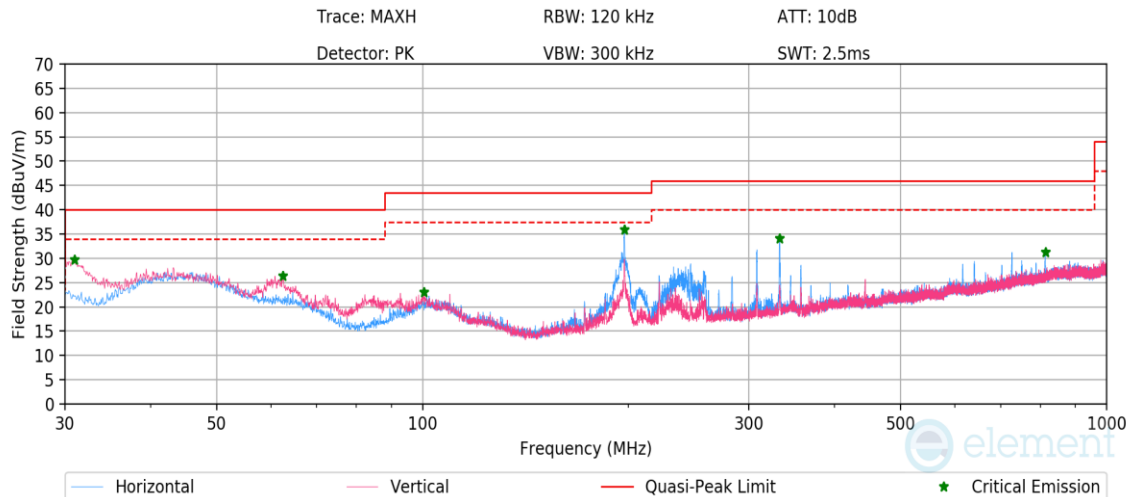


Plot 7-53. Radiated Spurious Emissions Below 1GHz (NB UNII BDR– 6108MHz), with AC/DC adaptor

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]
30.99	Max-Peak	V	100	3	-58.10	-19.34	29.56	40.00	-10.44
60.63	Max-Peak	V	100	65	-62.95	-17.12	26.93	40.00	-13.07
101.85	Max-Peak	V	100	163	-66.26	-17.78	22.96	43.50	-20.54
197.49	Max-Peak	H	100	223	-54.17	-17.51	35.32	43.50	-8.18
333.02	Max-Peak	H	100	147	-58.68	-14.24	34.08	46.00	-11.92
727.34	Max-Peak	H	100	87	-68.65	-6.75	31.60	46.00	-14.40

Table 7-25. Radiated Spurious Emissions Below 1GHz (NB UNII BDR– 6108MHz), with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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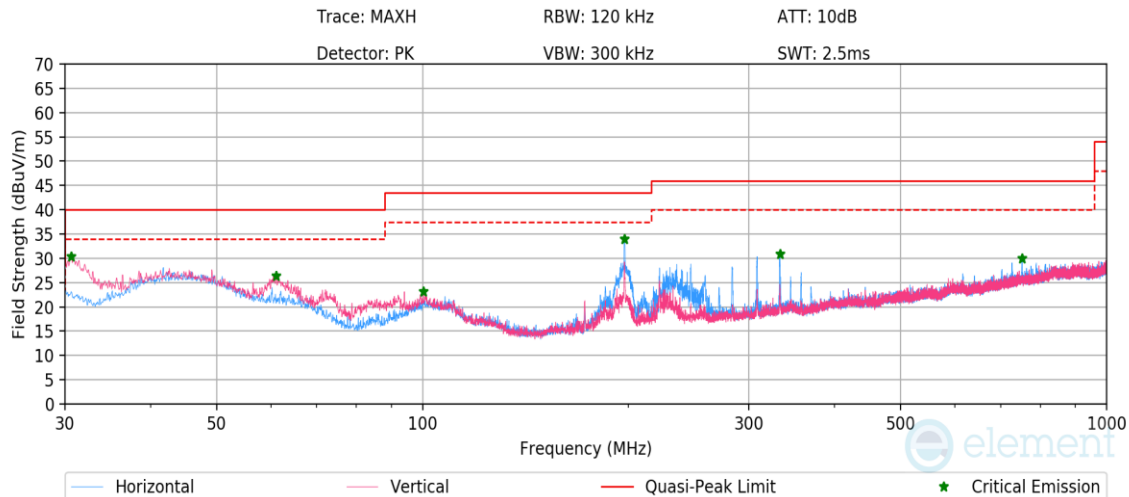


Plot 7-54. Radiated Spurious Emissions Below 1GHz (NB UNII LE1M – 6108MHz), with AC/DC adaptor

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
30.99	Max-Peak	V	100	67	-58.00	-19.34	29.66	40.00	-10.34
62.43	Max-Peak	V	100	110	-63.00	-17.63	26.37	40.00	-13.63
100.53	Max-Peak	V	100	304	-66.19	-17.78	23.02	43.50	-20.48
197.19	Max-Peak	H	100	213	-53.67	-17.49	35.84	43.50	-7.66
332.66	Max-Peak	H	100	157	-58.68	-14.27	34.05	46.00	-11.95
813.49	Max-Peak	H	100	75	-70.03	-5.64	31.33	46.00	-14.67

Table 7-26. Radiated Spurious Emissions Below 1GHz (NB UNII LE1M – 6108MHz), with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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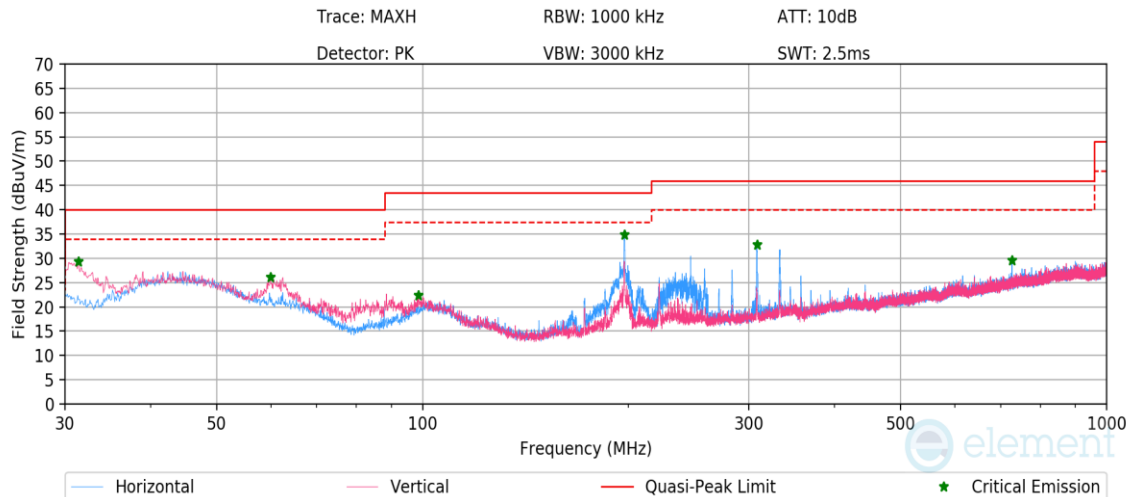


Plot 7-55. Radiated Spurious Emissions Below 1GHz (NB UNII HDR4 – 6108MHz), with AC/DC adaptor

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
30.63	Max-Peak	V	100	297	-57.28	-19.29	30.43	40.00	-9.57
61.11	Max-Peak	V	100	138	-63.38	-17.26	26.36	40.00	-13.64
100.29	Max-Peak	V	100	297	-66.06	-17.79	23.15	43.50	-20.35
197.25	Max-Peak	H	100	258	-55.55	-17.49	33.95	43.50	-9.55
332.96	Max-Peak	H	100	152	-61.93	-14.24	30.83	46.00	-15.17
752.42	Max-Peak	H	100	2	-70.77	-6.30	29.92	46.00	-16.08

Table 7-27. Radiated Spurious Emissions Below 1GHz (NB UNII HDR4 – 6108MHz), with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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Plot 7-56. Radiated Spurious Emissions Below 1GHz (NB UNII HDRp4 – 6420MHz), with AC/DC adaptor

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
31.38	Max-Peak	V	100	311	-58.33	-19.35	29.31	40.00	-10.69
59.88	Max-Peak	V	100	132	-64.02	-16.89	26.09	40.00	-13.91
98.64	Max-Peak	V	100	352	-66.56	-18.02	22.42	43.50	-21.08
197.17	Max-Peak	H	100	260	-54.62	-17.49	34.89	43.50	-8.61
308.23	Max-Peak	H	100	320	-59.06	-15.19	32.75	46.00	-13.25
727.11	Max-Peak	H	100	1	-70.58	-6.78	29.64	46.00	-16.36

Table 7-28. Radiated Spurious Emissions Below 1GHz (NB UNII HDRp4 – 6420MHz), with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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7.10 AC Line Conducted Emissions

Test Overview and Limit

All AC line conducted 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 AC Line conducted emissions. All data rates and modes were investigated for AC Line conducted emissions.

All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (7.4.2).

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 7-29. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024, Subclause 6.2

Test Settings

Quasi-Peak 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 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.

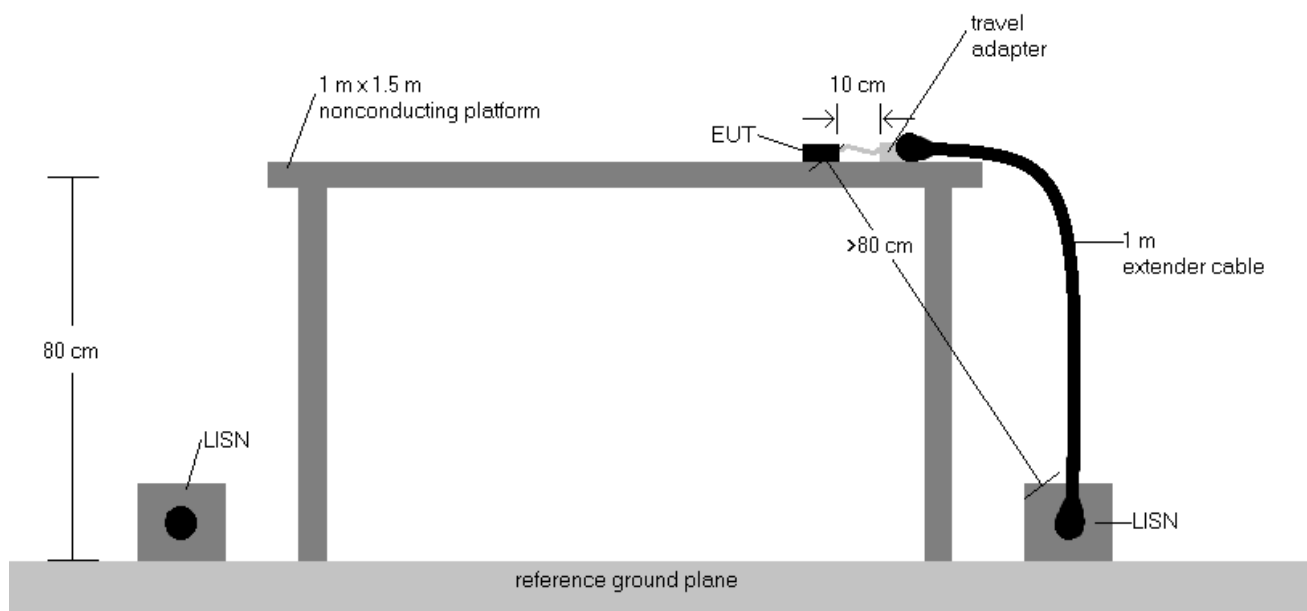
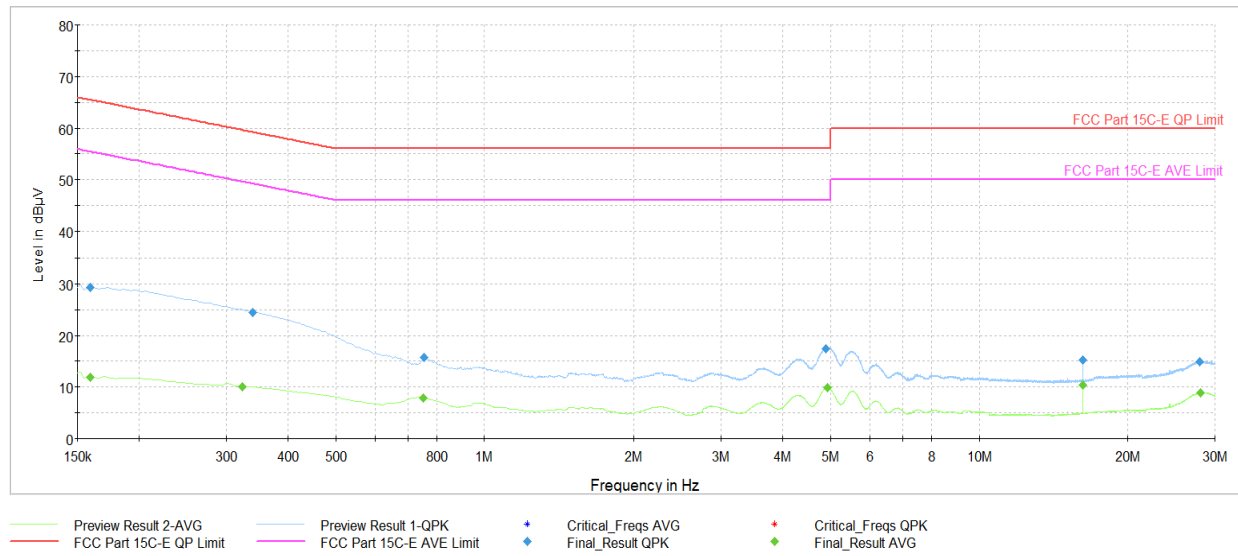


Figure 7-11. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated, and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT charged by charging case and powered by AC/DC adaptor with USB-C cable
 - b. EUT charged by charging case and powered by host PC with USB-C cable
3. The limit for an intentional radiator from 150kHz to 30MHz is specified in 15.207 and RSS-Gen (7.4.2).
4. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
5. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Correction Factor (dB)}$
6. $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
7. Traces shown in plots are made using quasi-peak and average detectors.
8. Deviations to the Specifications: None.
9. The unit was tested with all possible modes and only the highest emission is reported.

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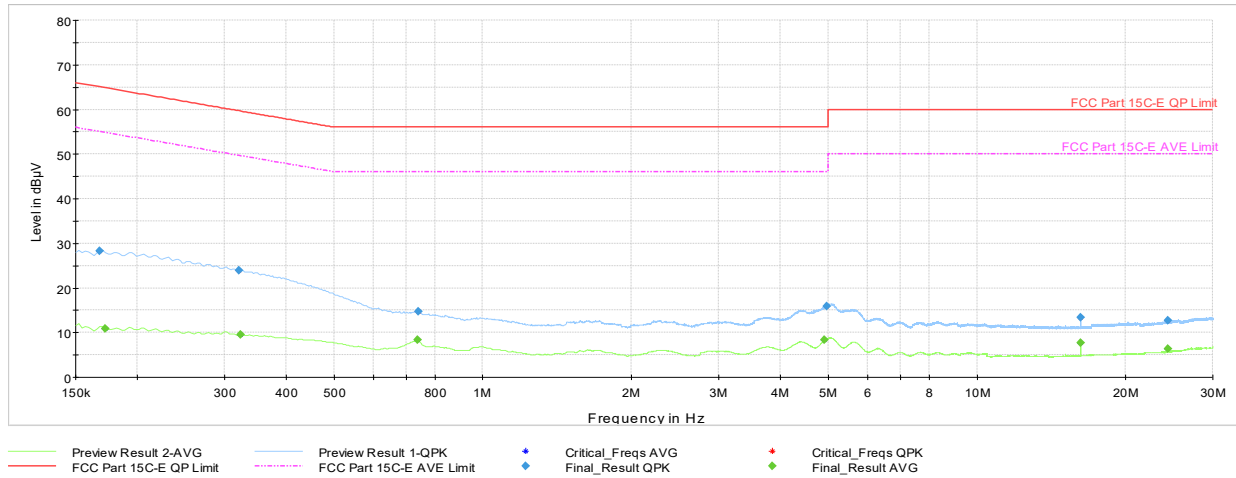


Plot 7-57. AC Line Conducted Plot (NB UNII BDR – 6108MHz) (L1) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.159	FINAL	—	11.96	55.52	-43.55	L1	GND
0.159	FINAL	29.3	—	65.52	-36.26	L1	GND
0.323	FINAL	—	10.12	49.62	-39.50	L1	GND
0.339	FINAL	24.4	—	59.23	-34.78	L1	GND
0.753	FINAL	—	7.82	46.00	-38.18	L1	GND
0.755	FINAL	15.7	—	56.00	-40.34	L1	GND
4.891	FINAL	17.4	—	56.00	-38.63	L1	GND
4.931	FINAL	—	9.87	46.00	-36.13	L1	GND
16.199	FINAL	—	10.44	50.00	-39.56	L1	GND
16.202	FINAL	15.3	—	60.00	-44.73	L1	GND
27.989	FINAL	14.9	—	60.00	-45.06	L1	GND
28.003	FINAL	—	8.88	50.00	-41.12	L1	GND

Table 7-30. AC Line Conducted Data (NB UNII BDR – 6108MHz) (L1) with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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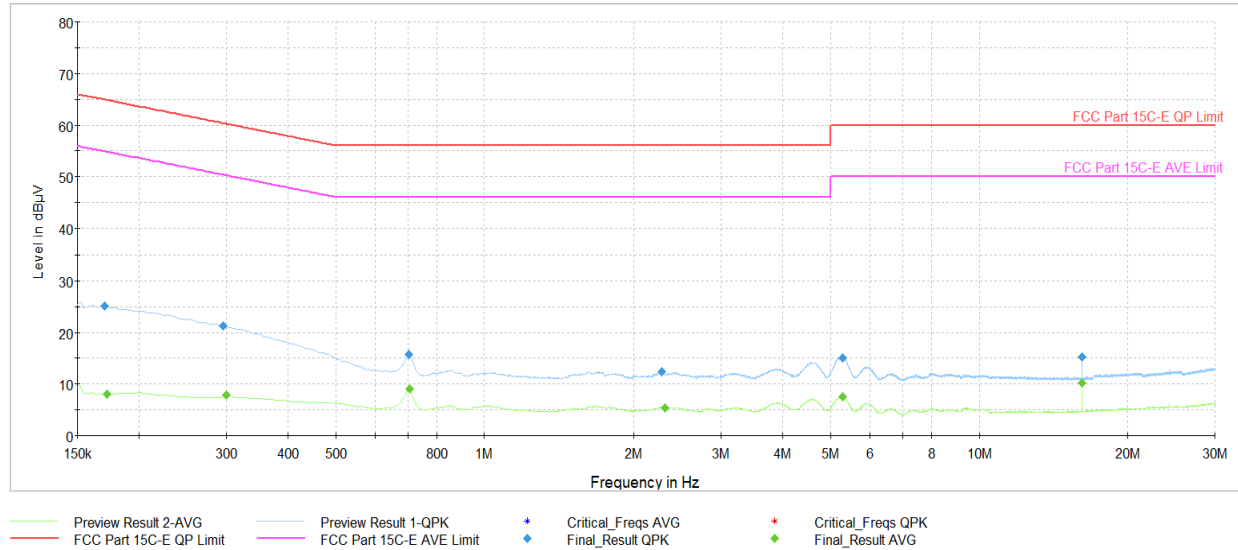


Plot 7-58. AC Line Conducted Plot (NB UNII BDR – 6108MHz) (N) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.166	FINAL	—	7.50	55.17	-47.67	N	GND
0.168	FINAL	24.5	—	65.06	-40.55	N	GND
0.305	FINAL	—	7.17	50.10	-42.93	N	GND
0.317	FINAL	21.2	—	59.80	-38.60	N	GND
0.697	FINAL	14.1	—	56.00	-41.88	N	GND
0.701	FINAL	—	6.55	46.00	-39.45	N	GND
2.249	FINAL	—	5.32	46.00	-40.68	N	GND
2.279	FINAL	12.0	—	56.00	-44.04	N	GND
5.307	FINAL	15.5	—	60.00	-44.49	N	GND
5.330	FINAL	—	7.48	50.00	-42.52	N	GND
16.199	FINAL	—	7.18	50.00	-42.82	N	GND
16.199	FINAL	13.2	—	60.00	-46.82	N	GND

Table 7-31. AC Line Conducted (NB UNII BDR – 6108MHz) (N) with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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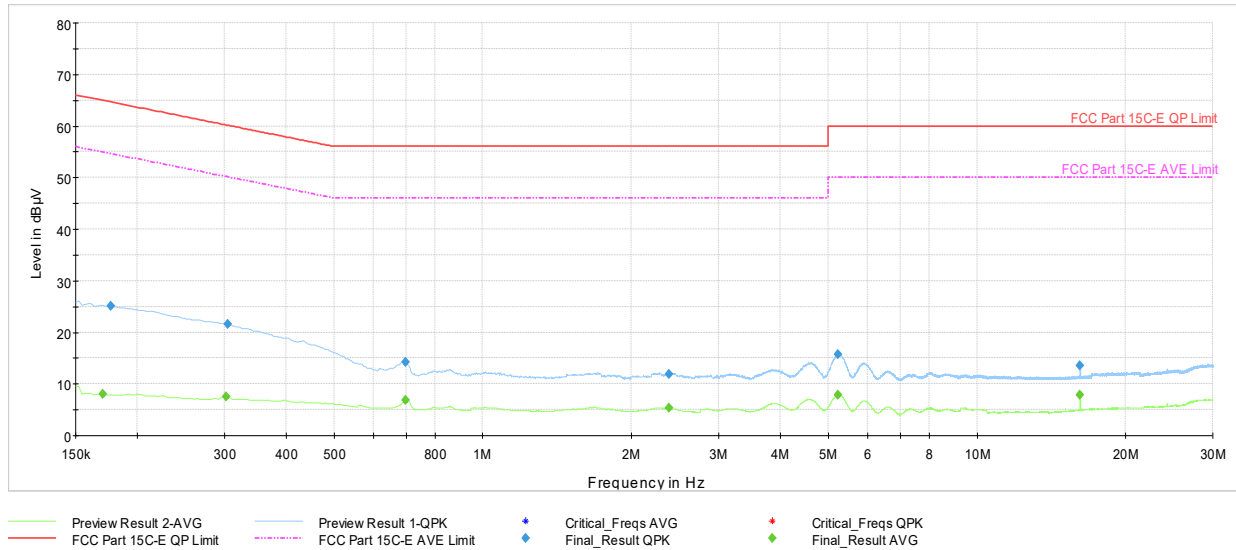


Plot 7-59. AC Line Conducted Plot (NB UNII LE1M – 6108MHz) (L1) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.170	FINAL	25.1	—	64.95	-39.82	L1	GND
0.173	FINAL	—	8.01	54.84	-46.83	L1	GND
0.296	FINAL	21.3	—	60.35	-39.05	L1	GND
0.301	FINAL	—	7.79	50.22	-42.43	L1	GND
0.704	FINAL	15.7	—	56.00	-40.33	L1	GND
0.706	FINAL	—	9.06	46.00	-36.94	L1	GND
2.274	FINAL	12.3	—	56.00	-43.67	L1	GND
2.308	FINAL	—	5.37	46.00	-40.63	L1	GND
5.285	FINAL	—	7.51	50.00	-42.49	L1	GND
5.298	FINAL	15.1	—	60.00	-44.86	L1	GND
16.163	FINAL	—	10.26	50.00	-39.74	L1	GND
16.163	FINAL	15.3	—	60.00	-44.69	L1	GND

Table 7-32. AC Line Conducted Data (NB UNII LE1M – 6108MHz) (L1) with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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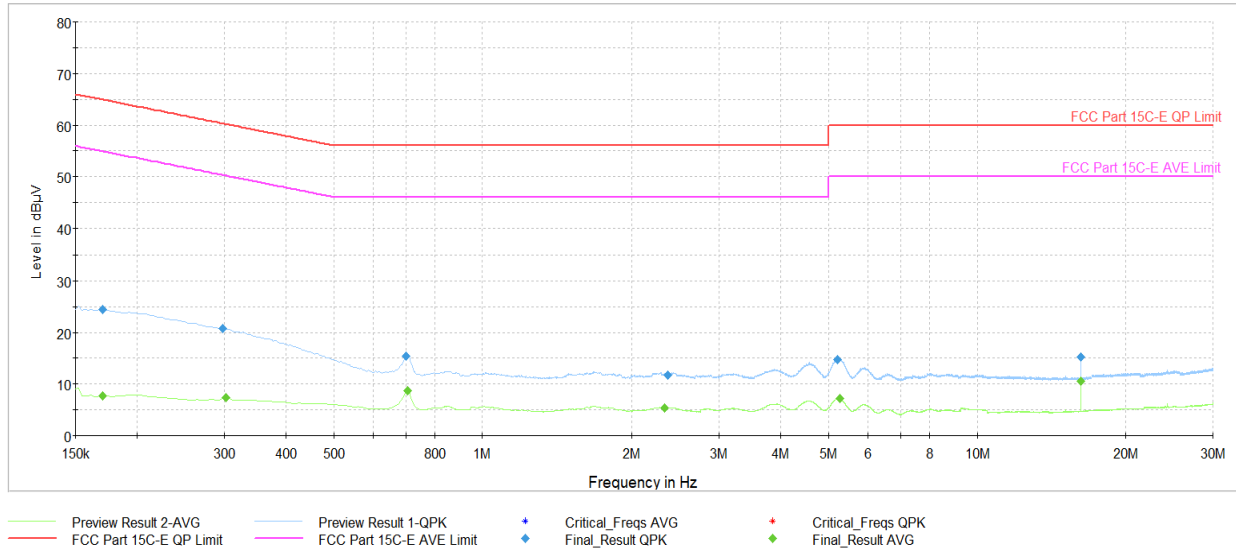


Plot 7-60. AC Line Conducted Plot (NB UNII LE1M – 6108MHz) (N) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.170	FINAL	—	8.07	54.95	46.87	N	GND
0.177	FINAL	25.0	—	64.63	39.60	N	GND
0.303	FINAL	—	7.55	50.16	42.62	N	GND
0.305	FINAL	21.5	—	60.10	38.59	N	GND
0.697	FINAL	14.3	—	56.00	41.73	N	GND
0.699	FINAL	—	6.89	46.00	39.11	N	GND
2.378	FINAL	12.0	—	56.00	44.05	N	GND
2.384	FINAL	—	5.29	46.00	40.71	N	GND
5.240	FINAL	15.7	—	60.00	44.33	N	GND
5.240	FINAL	—	7.91	50.00	42.09	N	GND
16.177	FINAL	—	7.83	50.00	42.17	N	GND
16.177	FINAL	13.5	—	60.00	46.48	N	GND

Table 7-33. AC Line Conducted (NB UNII LE1M – 6108MHz) (N) with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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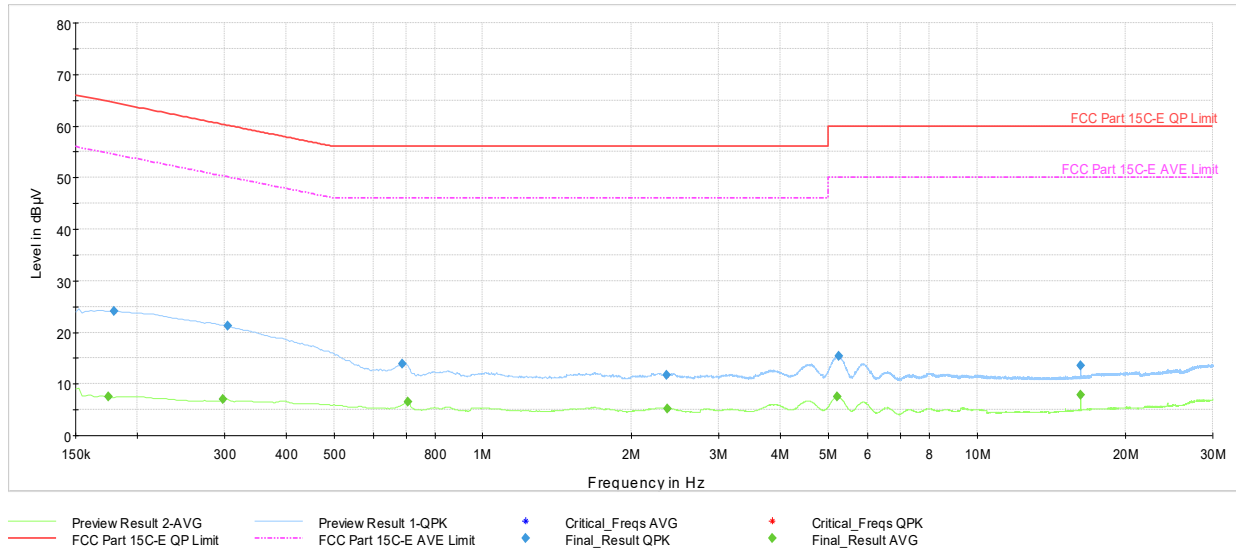


Plot 7-61. AC Line Conducted Plot (NB UNII HDR4 – 6108MHz) (L1) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.170	FINAL	—	7.74	54.95	-47.21	L1	GND
0.170	FINAL	24.4	—	64.95	-40.51	L1	GND
0.299	FINAL	20.8	—	60.28	-39.46	L1	GND
0.303	FINAL	—	7.37	50.16	-42.79	L1	GND
0.701	FINAL	15.5	—	56.00	-40.53	L1	GND
0.706	FINAL	—	8.63	46.00	-37.37	L1	GND
2.328	FINAL	—	5.35	46.00	-40.65	L1	GND
2.360	FINAL	11.7	—	56.00	-44.29	L1	GND
5.206	FINAL	14.7	—	60.00	-45.27	L1	GND
5.273	FINAL	—	7.13	50.00	-42.87	L1	GND
16.195	FINAL	—	10.49	50.00	-39.51	L1	GND
16.195	FINAL	15.2	—	60.00	-44.84	L1	GND

Table 7-34. AC Line Conducted Data (NB UNII HDR4 – 6108MHz) (L1) with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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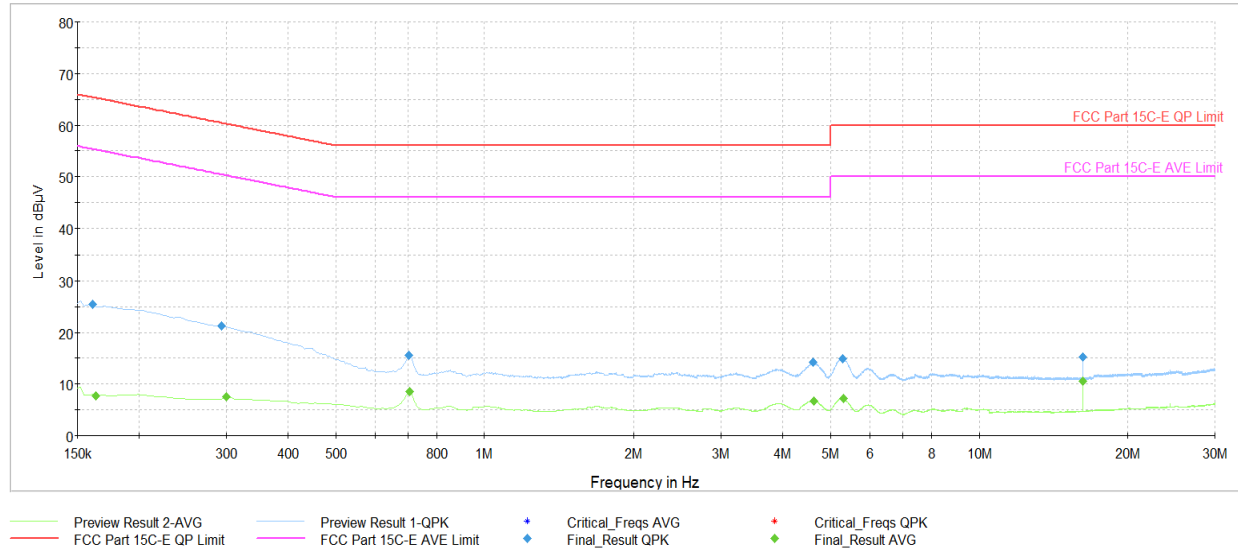


Plot 7-62. AC Line Conducted Plot (NB UNII HDR4 – 6108MHz) (N) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.175	FINAL	—	7.51	54.73	-47.22	N	GND
0.179	FINAL	24.1	—	64.52	-40.42	N	GND
0.299	FINAL	—	7.06	50.28	-43.23	N	GND
0.305	FINAL	21.3	—	60.10	-38.84	N	GND
0.688	FINAL	14.0	—	56.00	-42.05	N	GND
0.706	FINAL	—	6.49	46.00	-39.51	N	GND
2.355	FINAL	11.8	—	56.00	-44.23	N	GND
2.360	FINAL	—	5.23	46.00	-40.77	N	GND
5.222	FINAL	—	7.51	50.00	-42.49	N	GND
5.262	FINAL	15.3	—	60.00	-44.67	N	GND
16.199	FINAL	—	7.79	50.00	-42.21	N	GND
16.199	FINAL	13.5	—	60.00	-46.46	N	GND

Table 7-35. AC Line Conducted (NB UNII HDR4 – 6108MHz) (N) with AC/DC adaptor

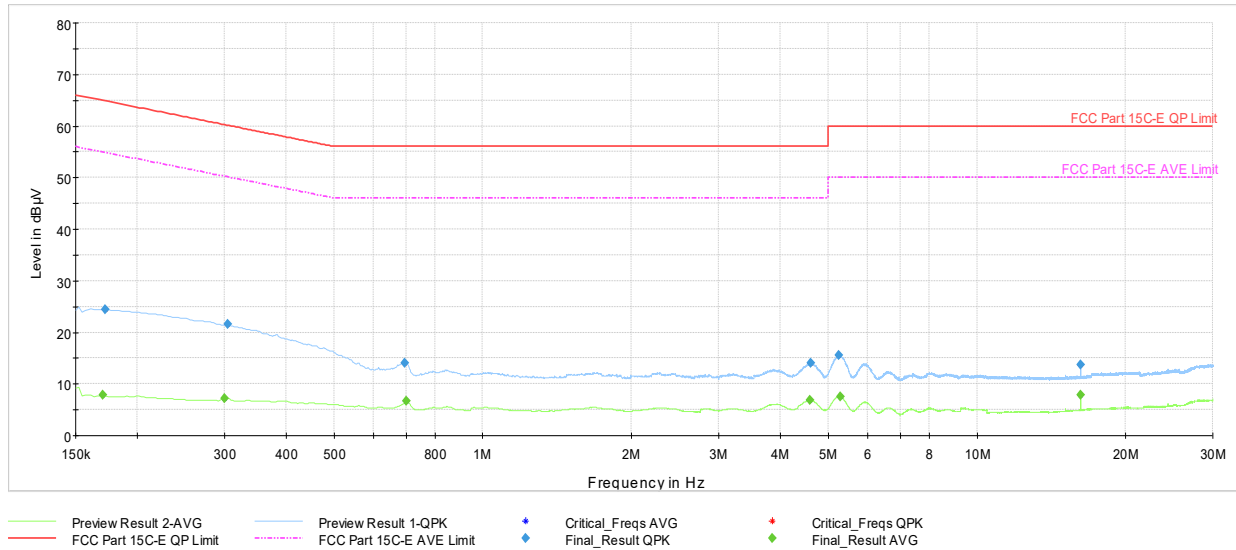
FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.161	FINAL	—	7.74	65.40	-39.91	L1	GND
0.164	FINAL	24.4	—	55.28	-47.60	L1	GND
0.294	FINAL	20.8	—	60.41	-39.10	L1	GND
0.301	FINAL	—	7.37	50.22	-42.76	L1	GND
0.704	FINAL	15.5	—	56.00	-40.45	L1	GND
0.706	FINAL	—	8.63	46.00	-37.41	L1	GND
4.612	FINAL	—	5.35	56.00	-41.80	L1	GND
4.632	FINAL	11.7	—	46.00	-39.24	L1	GND
5.300	FINAL	14.7	—	60.00	-45.08	L1	GND
5.307	FINAL	—	7.13	50.00	-42.86	L1	GND
16.213	FINAL	—	10.49	50.00	-39.41	L1	GND
16.213	FINAL	15.2	—	60.00	-44.79	L1	GND

Table 7-36. AC Line Conducted Data (NB UNII HDRp4 – 6420MHz) (L1) with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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Plot 7-64. AC Line Conducted Plot (NB UNII HDRp4 – 6420MHz) (N) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.170	FINAL	—	7.80	54.95	-47.15	N	GND
0.173	FINAL	24.4	—	64.84	-40.48	N	GND
0.301	FINAL	—	7.26	50.22	-42.96	N	GND
0.305	FINAL	21.5	—	60.10	-38.56	N	GND
0.695	FINAL	14.0	—	56.00	-41.99	N	GND
0.701	FINAL	—	6.61	46.00	-39.39	N	GND
4.587	FINAL	—	6.87	46.00	-39.13	N	GND
4.605	FINAL	14.0	—	56.00	-41.97	N	GND
5.262	FINAL	15.5	—	60.00	-44.50	N	GND
5.285	FINAL	—	7.51	50.00	-42.49	N	GND
16.222	FINAL	—	7.93	50.00	-42.07	N	GND
16.222	FINAL	13.8	—	60.00	-46.20	N	GND

Table 7-37. AC Line Conducted (NB UNII HDRp4 – 6420MHz) (N) with AC/DC adaptor

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090047-05-R1.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 88 of 89

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Wireless Left Earbud FCC ID: BCG-A3440** and **IC: 579C-A3440** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-248 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCG-A3440 IC: 579C-A3440	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/11/2026 - 8/17/2026	EUT Type: Wireless Left Earbud	Approved by: Technical Manager
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