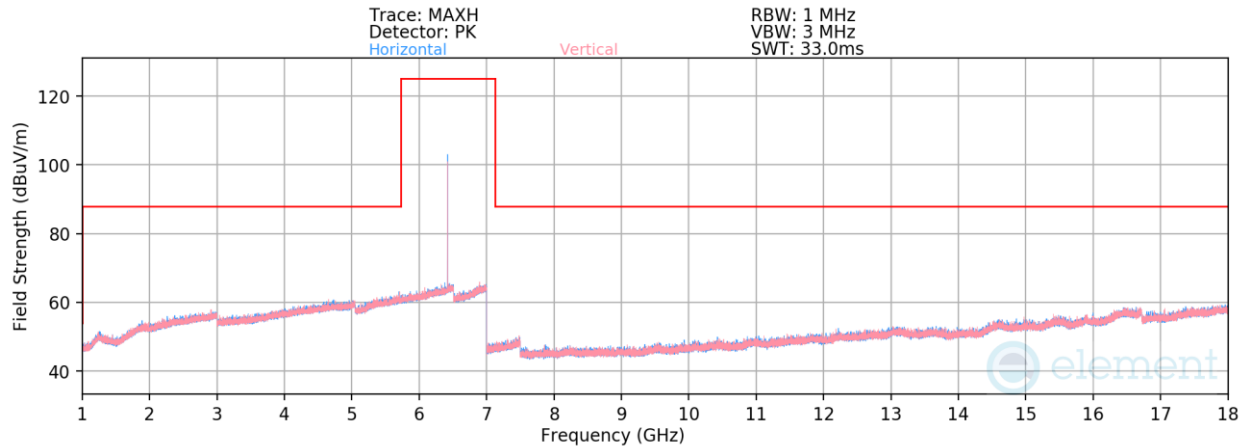
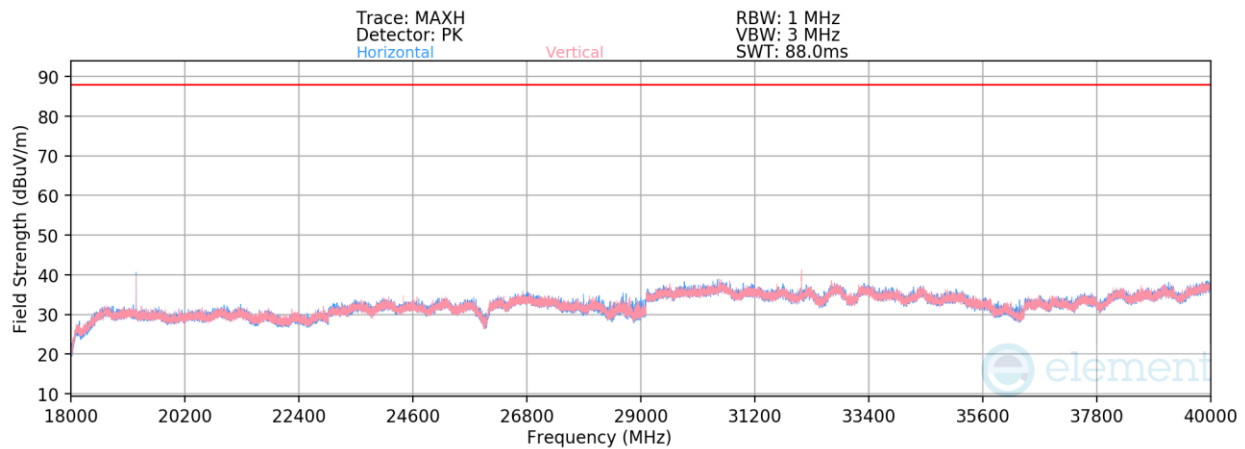




Plot 7-36. Radiated Spurious Emissions 1-18GHz (NB UNII LE1M – 6420MHz)



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

Mode: LE1M

Data Rate: 1Mbps

Distance of Measurements: 3 Meters

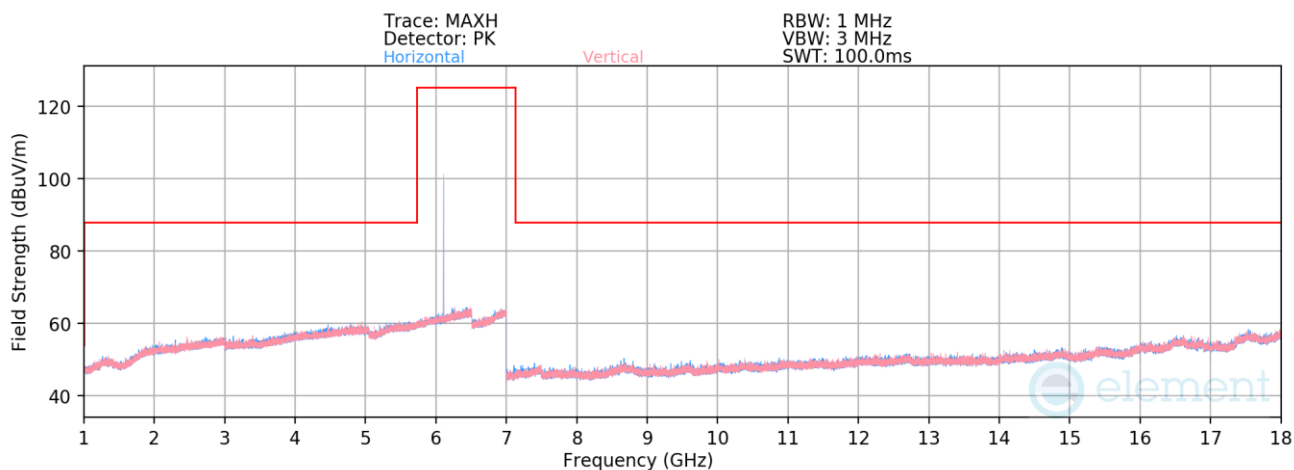
Operating Frequency: 6420MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Duty Cycle Correction [dB]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12840.00	Average	H	305	331	-80.60	14.33	0.61	0.00	41.33	68.23	-26.90
12840.00	Peak	H	305	331	-69.89	14.33	0.00	0.00	51.44	88.23	-36.79
* 19260.00	Average	V	150	194	-45.50	-7.50	0.61	-9.54	45.07	53.98	-8.91
* 19260.00	Peak	V	150	194	-40.00	-7.50	0.00	-9.54	49.96	73.98	-24.02
25680.00	Average	H	150	87	-58.90	-5.89	0.61	-9.54	33.28	68.23	-34.95
25680.00	Peak	H	150	87	-49.11	-5.89	0.00	-9.54	42.46	88.23	-45.77
32100.00	Average	V	150	281	-55.12	-2.73	0.61	-9.54	40.22	68.23	-28.01
32100.00	Peak	V	150	281	-47.32	-2.73	0.00	-9.54	47.41	88.23	-40.82
* 38520.00	Average	-	-	-	-61.81	-4.96	0.00	-9.54	30.69	53.98	-23.29
* 38520.00	Peak	-	-	-	-50.37	-4.96	0.00	-9.54	42.13	73.98	-31.85

Table 7-17. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 57 of 86

NB UNII HDR4



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

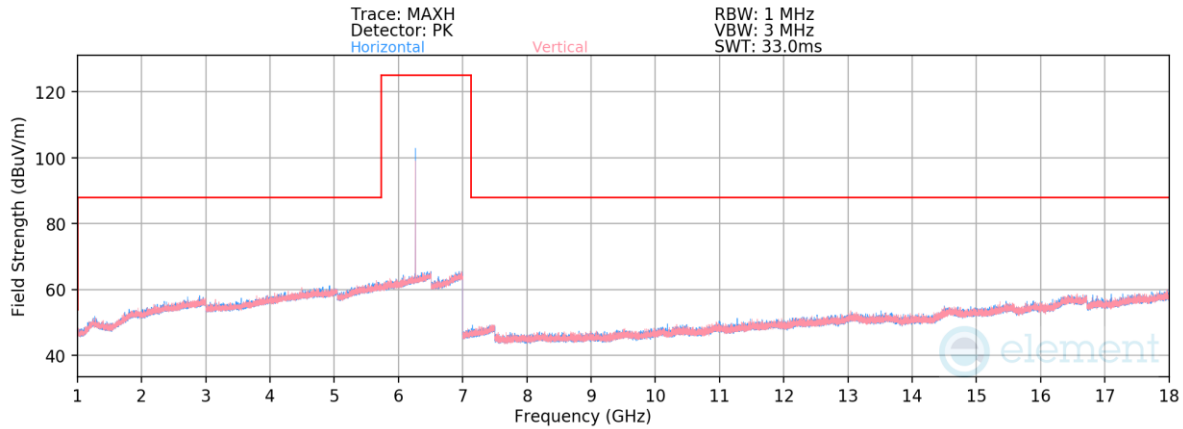
Mode:	HDR4
Data Rate:	4Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	6108MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
* 12216.00	Average	-	-	-	-80.48	13.63	40.15	53.98	-13.83
* 12216.00	Peak	-	-	-	-69.59	13.63	51.04	73.98	-22.94

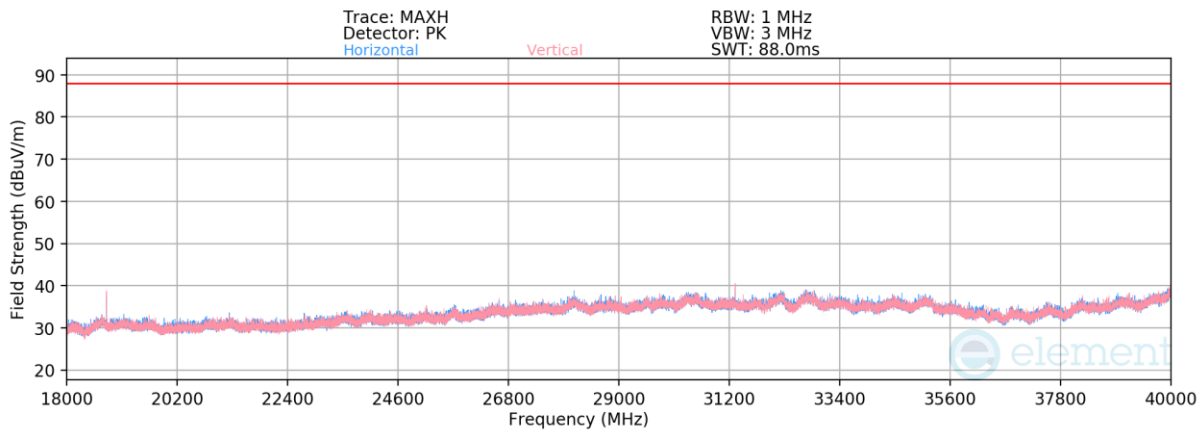
Table 7-18. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 58 of 86

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Plot 7-39. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 6264MHz)



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

Mode: HDR4

Data Rate: 4Mbps

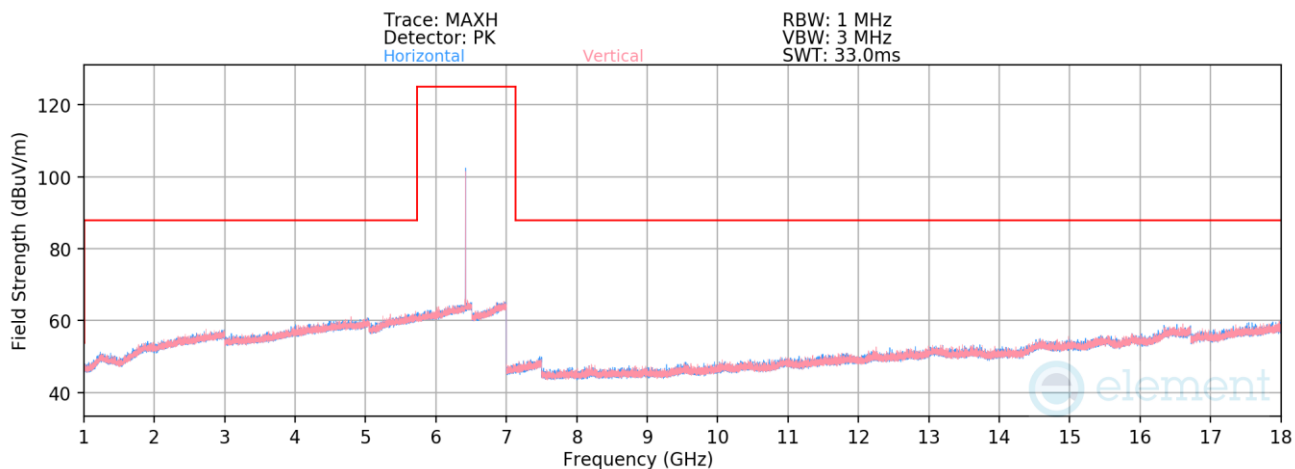
Distance of Measurements: 3 Meters

Operating Frequency: 6264MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Duty Cycle Correction [dB]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 12528.00	Average	-	-	-	-80.52	13.82	0.00	0.00	40.31	53.98	-13.67
* 12528.00	Peak	-	-	-	-69.25	13.82	0.00	0.00	51.57	73.98	-22.41
* 18792.00	Average	V	150	172	-53.45	-7.27	1.06	-9.54	37.80	53.98	-16.18
* 18792.00	Peak	V	150	172	-43.32	-7.27	0.00	-9.54	46.87	73.98	-27.11
25056.00	Average	-	-	-	-61.45	-6.44	0.00	-9.54	29.57	68.23	-38.66
25056.00	Peak	-	-	-	-50.05	-6.44	0.00	-9.54	40.97	88.23	-47.26
* 31320.00	Average	V	150	288	-56.90	-3.47	1.06	-9.54	38.15	53.98	-15.83
* 31320.00	Peak	V	150	288	-46.41	-3.47	0.00	-9.54	47.58	73.98	-26.40
37584.00	Average	-	-	-	-59.14	-6.68	0.00	-9.54	31.64	68.23	-36.59
37584.00	Peak	-	-	-	-47.89	-6.68	0.00	-9.54	42.89	88.23	-45.34

Table 7-19. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 86



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

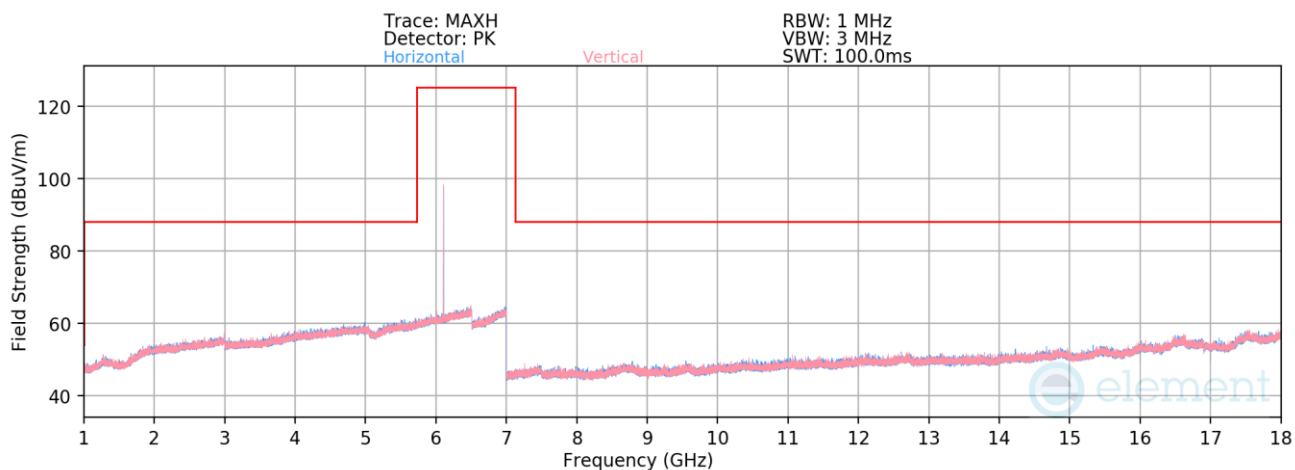
Mode: HDR4
Data Rate: 4Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 6420MHz

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	-	-	-	-80.69	14.33	40.64	68.23	-27.59
12840.00	Peak	-	-	-	-69.55	14.33	51.78	88.23	-36.45

Table 7-20. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 86

NB UNII HDRp4



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

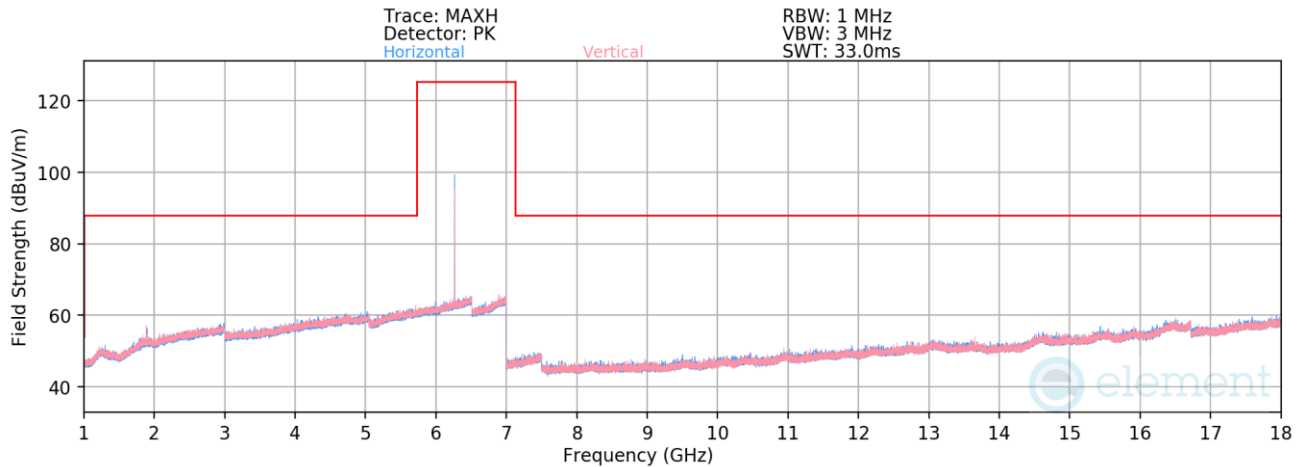
Mode:	HDRp4
Data Rate:	4Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	6108MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 12216.00	Average	-	-	-	-80.27	13.63	40.36	53.98	-13.62
* 12216.00	Peak	-	-	-	-69.36	13.63	51.27	73.98	-22.71

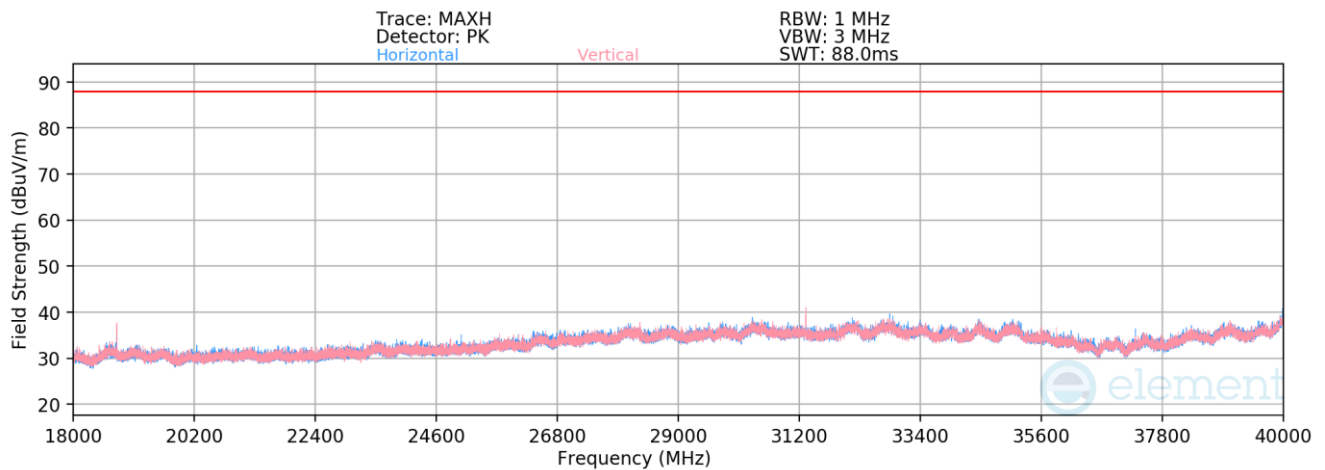
Table 7-21. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 86

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Plot 7-43. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 6264MHz)



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

Mode: HDRp4

Data Rate: 4Mbps

Distance of Measurements: 3 Meters

Operating Frequency: 6264MHz

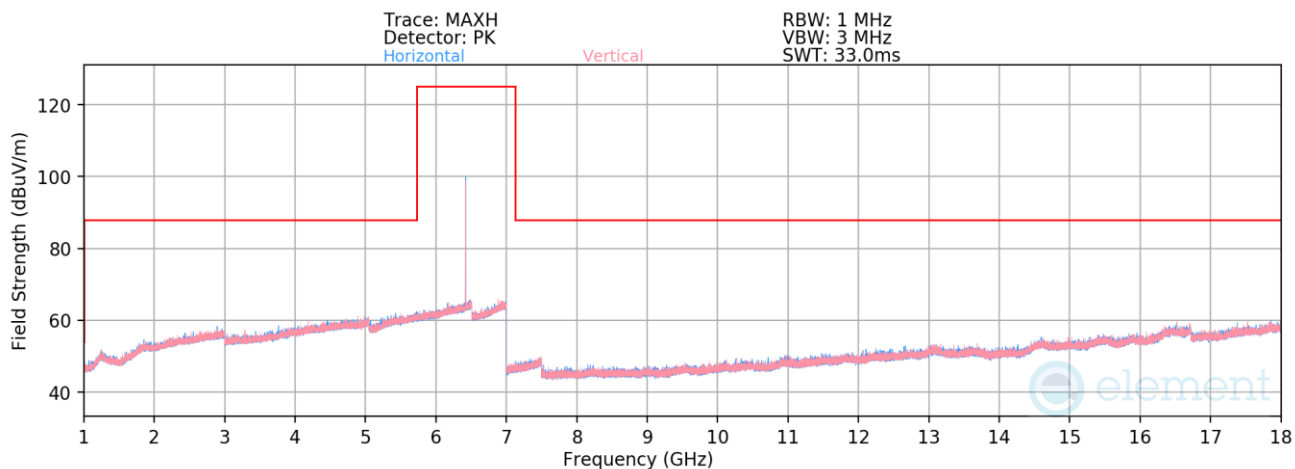
FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 62 of 86

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]
* 12528.00	Average	-	-	-	-80.51	13.82	0.00	0.00	40.31	53.98	-13.67
* 12528.00	Peak	-	-	-	-69.55	13.82	0.00	0.00	51.27	73.98	-22.71
* 18792.00	Average	V	150	340	-49.61	-7.27	0.58	-9.54	41.16	53.98	-12.82
* 18792.00	Peak	V	150	340	-42.25	-7.27	0.00	-9.54	47.94	73.98	-26.04
* 25056.00	Average	-	-	-	-61.48	-6.44	0.00	-9.54	29.54	68.23	-38.69
* 25056.00	Peak	-	-	-	-49.34	-6.44	0.00	-9.54	41.68	88.23	-46.55
* 31320.00	Average	V	150	255	-56.31	-3.47	0.58	-9.54	38.26	53.98	-15.72
* 31320.00	Peak	V	150	255	-46.54	-3.47	0.00	-9.54	47.45	73.98	-26.53
* 37584.00	Average	-	-	-	-59.03	-6.68	0.00	-9.54	31.75	68.23	-36.48
* 37584.00	Peak	-	-	-	-47.75	-6.68	0.00	-9.54	43.03	88.23	-45.20

Table 7-22. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 86

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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

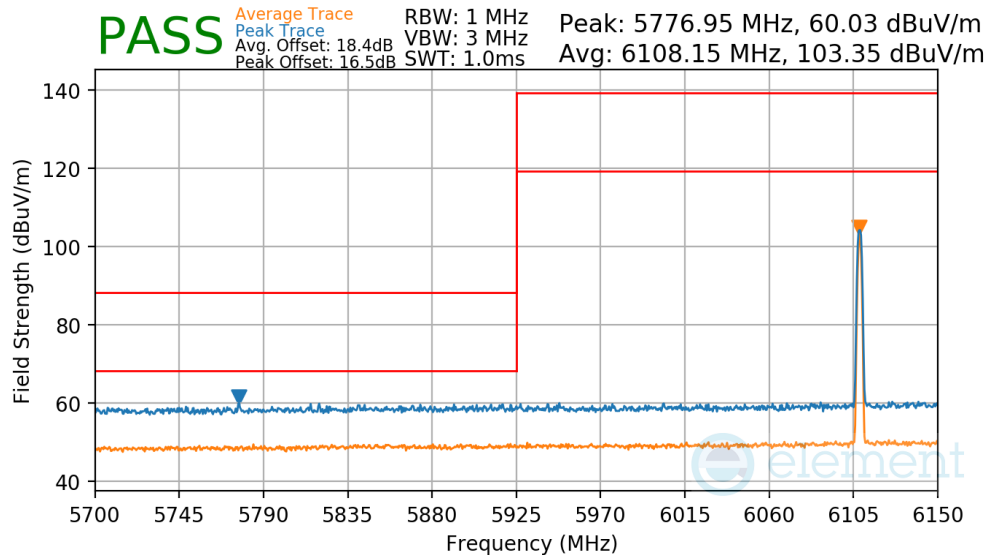
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
12840.00	Average	-	-	-	-80.68	14.33	41.80	68.23	-26.43
12840.00	Peak	-	-	-	-69.78	14.33	51.54	88.23	-36.69

Table 7-23. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 86

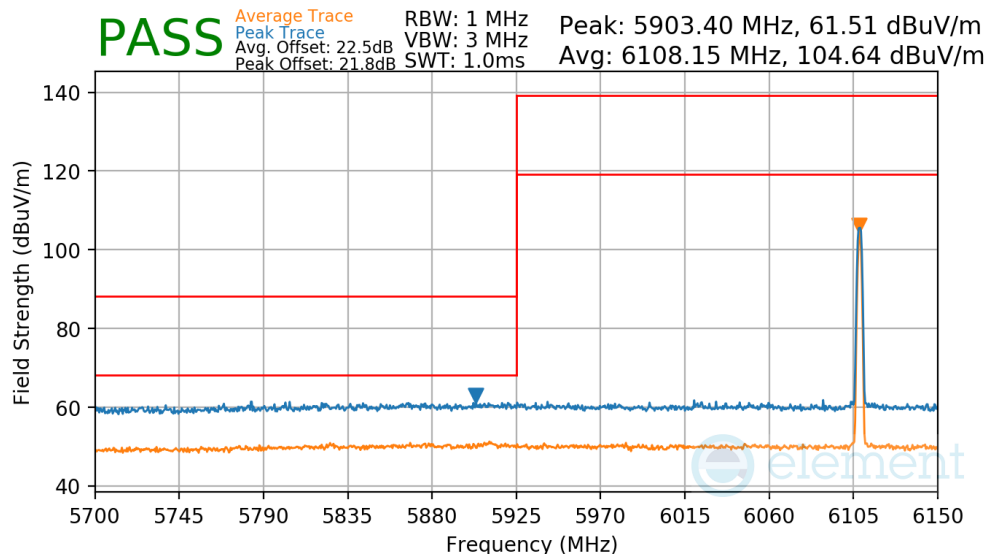
7.8.2 Radiated Band Edge Measurements

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



Plot 7-46. Radiated Lower Band Edge Measurement

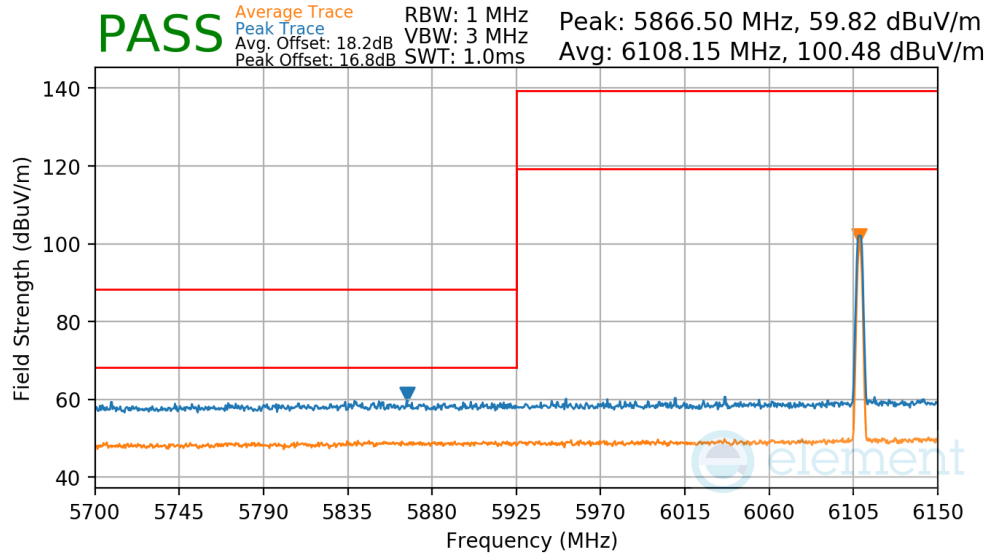
Mode: NB UNII LE1M
 Data Rate: 1Mbps
 Measurement Distance: 3 Meters
 Operating Frequency: 6108MHz



Plot 7-47. Radiated Lower Band Edge Measurement

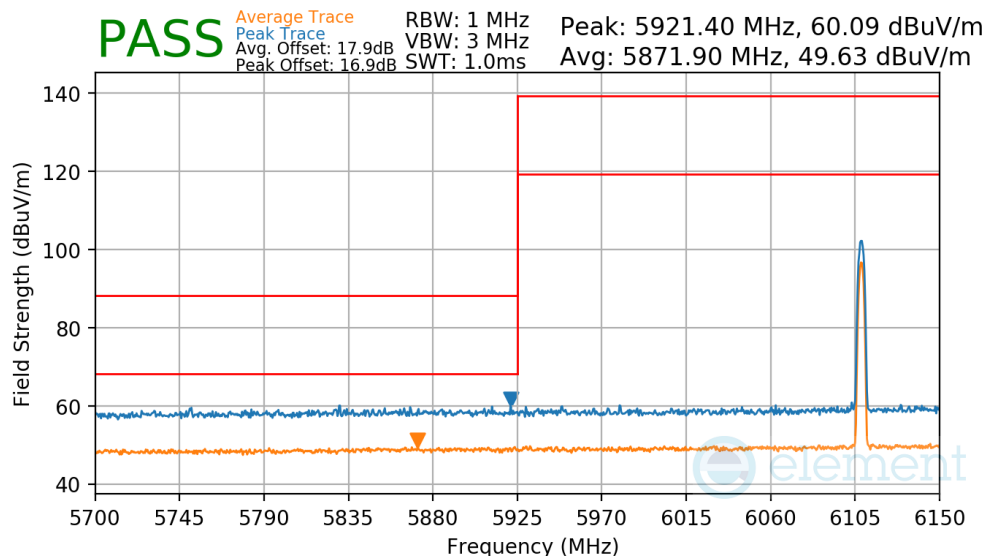
FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 65 of 86

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



Plot 7-48. Radiated Lower Band Edge Measurement

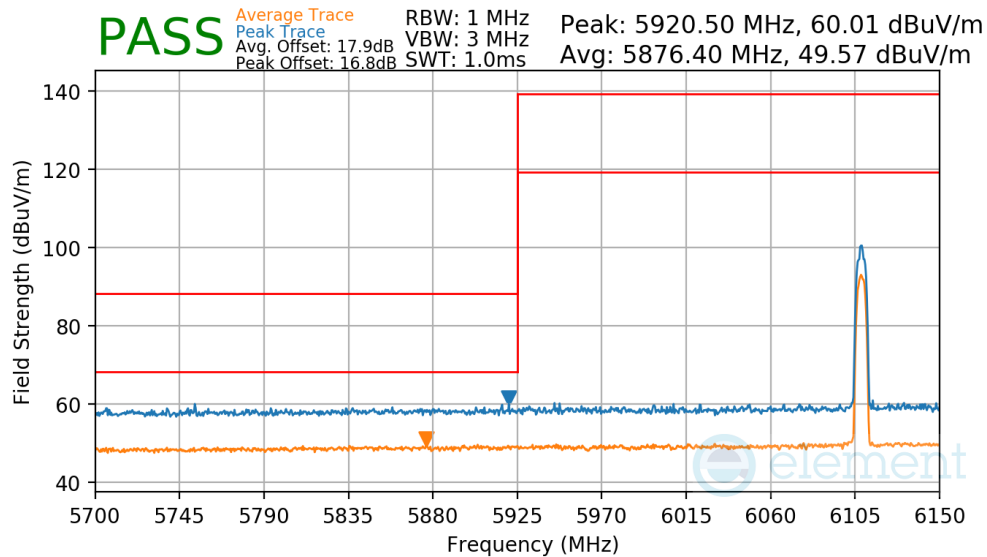
Mode: NB UNII HDR4
 Measurement Distance: 3 Meters
 Operating Frequency: 6108MHz



Plot 7-49. Radiated Lower Band Edge Measurement

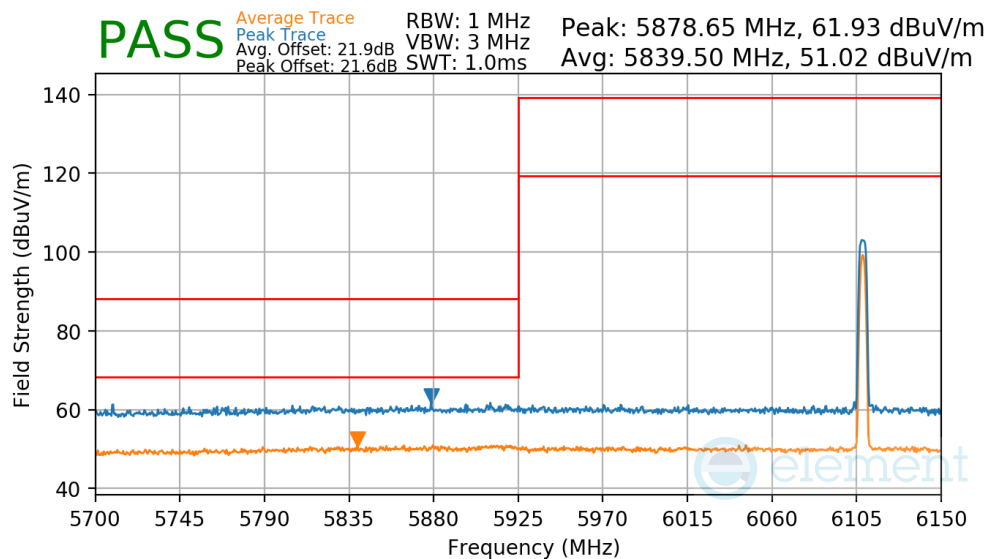
FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.BCG		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 66 of 86

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



Plot 7-50. Radiated Lower Band Edge Measurement

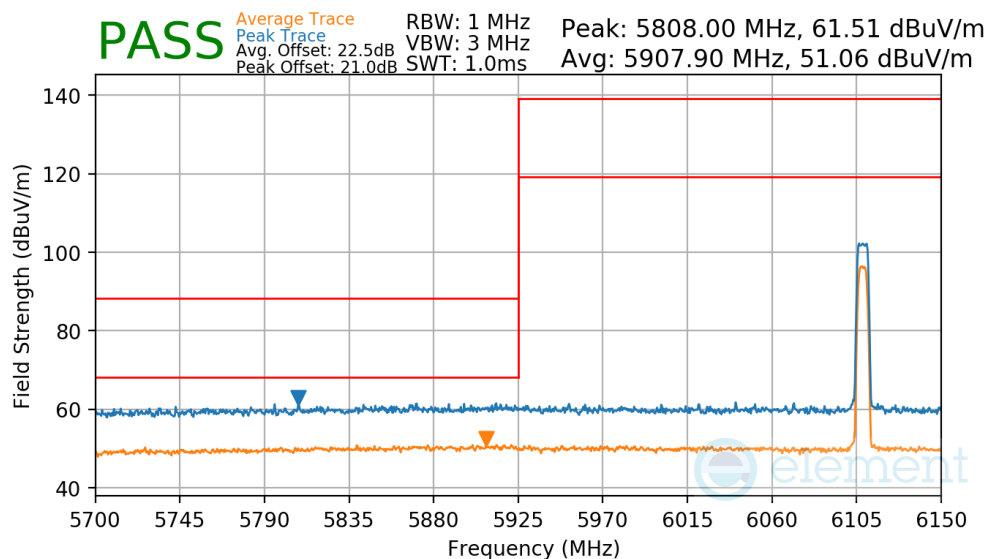
Mode: NB UNII HDRp4
Measurement Distance: 3 Meters
Operating Frequency: 6108MHz



Plot 7-51. Radiated Lower Band Edge Measurement

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 86

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



Plot 7-52. Radiated Lower Band Edge Measurement

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 86

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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 [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 7-24. 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-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 86

Test Setup

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

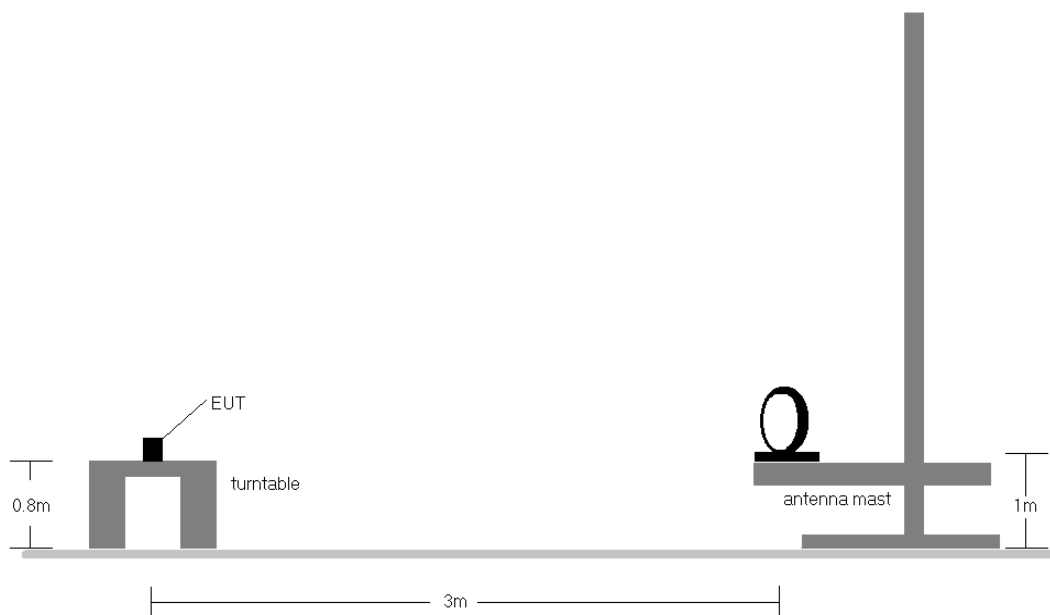


Figure 7-9. Radiated Test Setup < 30MHz

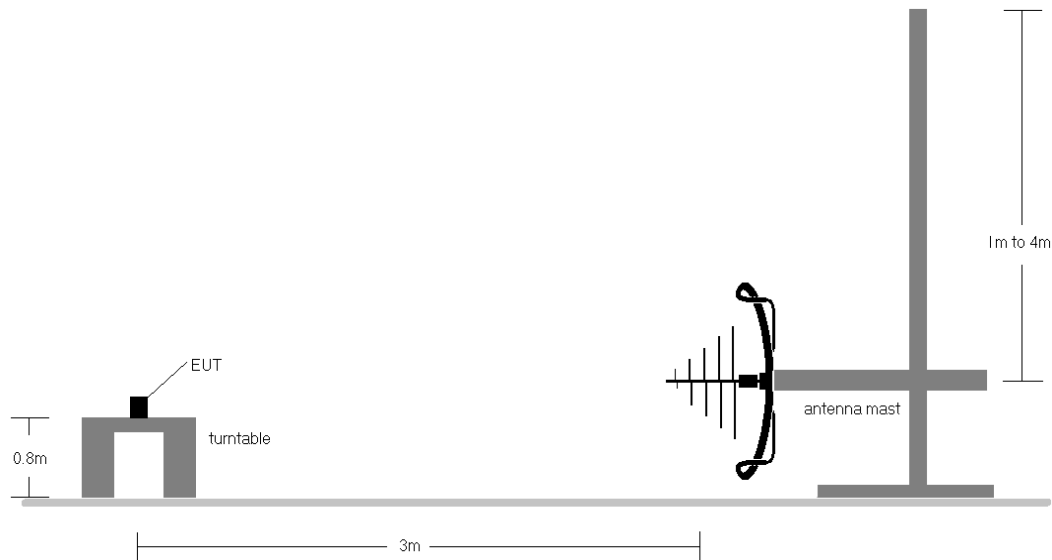


Figure 7-10. Radiated Test Setup < 1GHz

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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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 modulation and power schemes 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.

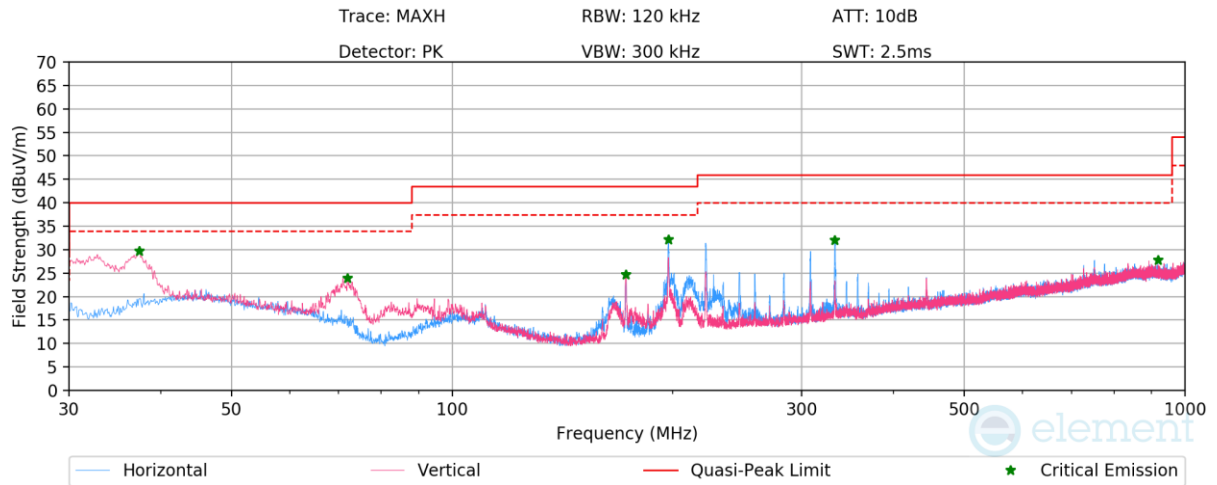
Sample Calculations

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-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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7.9.1 Radiated Spurious Emissions (Below 1GHz)

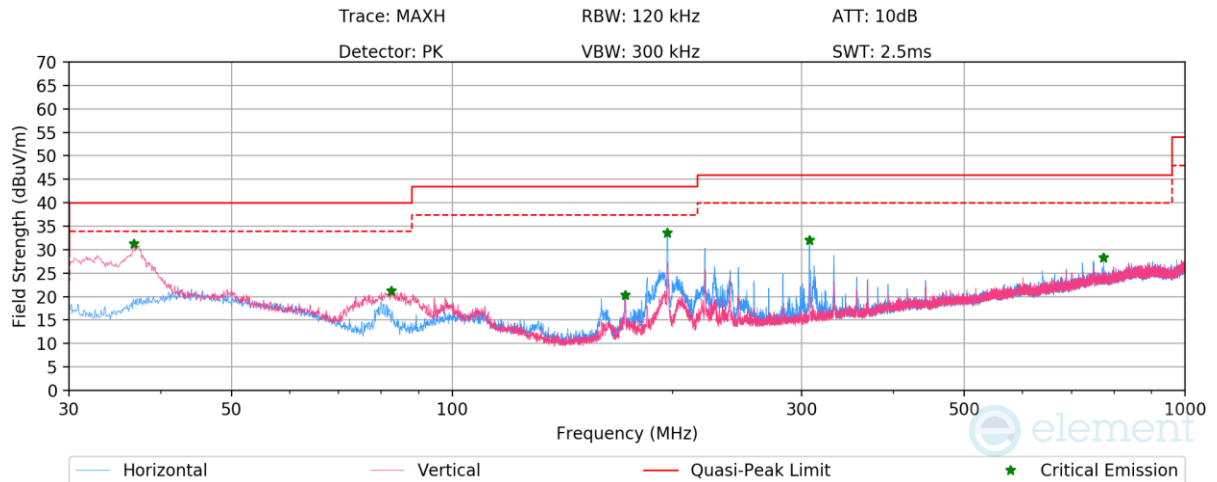


Plot 7-53. Radiated Spurious Emissions Below 1GHz (NB UNII BDR– 6420MHz), with AC/DC adaptor

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
37.38	Max-Peak	V	100	163	-58.51	-18.80	29.70	40.00	-10.30
71.94	Max-Peak	V	100	76	-61.44	-21.63	23.92	40.00	-16.08
172.57	Max-Peak	V	100	49	-62.38	-19.95	24.67	43.50	-18.83
197.17	Max-Peak	H	100	122	-57.56	-17.33	32.11	43.50	-11.39
332.77	Max-Peak	H	100	224	-61.10	-13.91	32.00	46.00	-14.00
917.92	Max-Peak	H	100	130	-75.75	-3.50	27.75	46.00	-18.25

Table 7-25. Radiated Spurious Emissions Below 1GHz (NB UNII BDR– 6420MHz), with AC/DC adaptor

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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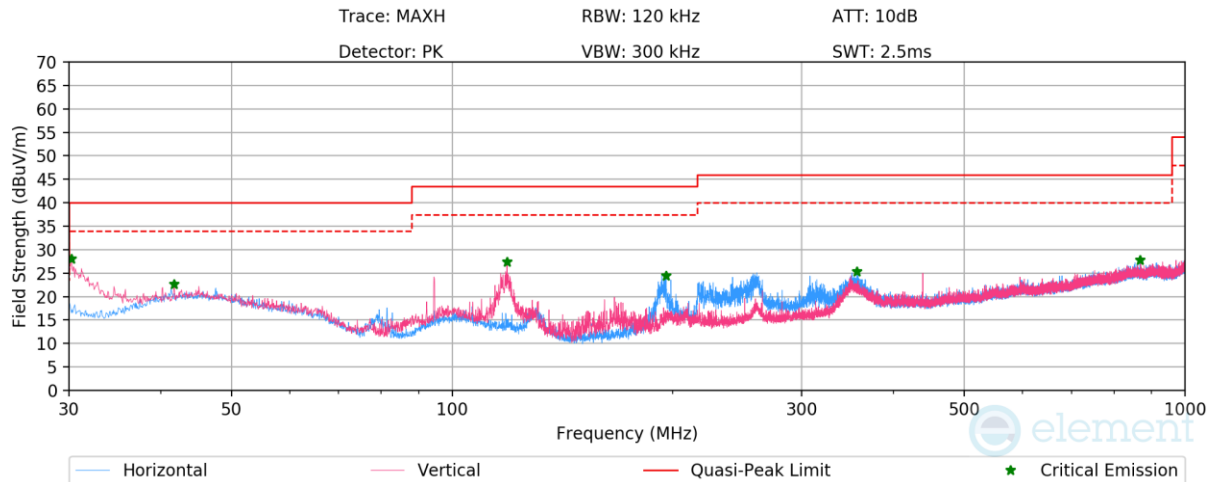


Plot 7-54. Radiated Spurious Emissions Below 1GHz (NB UNII LE1M – 6420MHz), with AC/DC adaptor

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]
36.78	Max-Peak	V	100	171	-56.72	-18.97	31.31	40.00	-8.69
82.50	Max-Peak	V	100	248	-62.86	-22.89	21.25	40.00	-18.75
172.27	Max-Peak	V	100	349	-66.77	-19.96	20.27	43.50	-23.23
196.51	Max-Peak	H	100	134	-56.07	-17.38	33.55	43.50	-9.95
307.45	Max-Peak	H	100	71	-60.17	-14.78	32.05	46.00	-13.95
774.51	Max-Peak	H	100	162	-72.99	-5.70	28.31	46.00	-17.69

Table 7-26. Radiated Spurious Emissions Below 1GHz (NB UNII LE1M – 6420MHz), with AC/DC adaptor

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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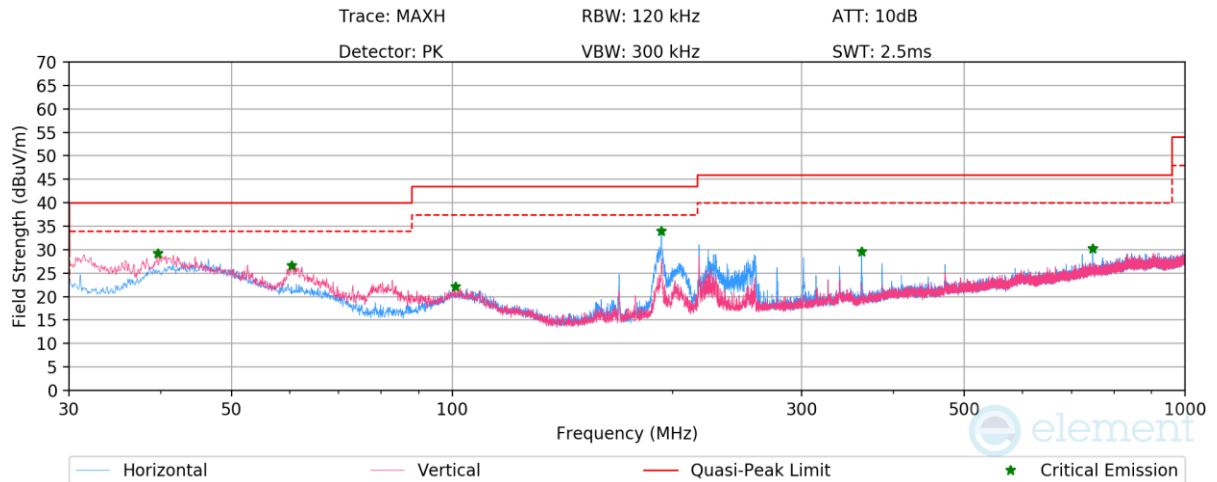


Plot 7-55. Radiated Spurious Emissions Below 1GHz (NB UNII HDR4 – 6420MHz), with AC/DC adaptor

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]
30.24	Max-Peak	V	100	199	-58.66	-20.31	28.02	40.00	-11.98
41.76	Max-Peak	V	100	336	-67.06	-17.25	22.69	40.00	-17.31
118.80	Max-Peak	V	100	175	-59.44	-20.17	27.39	43.50	-16.11
195.85	Max-Peak	H	100	335	-65.08	-17.47	24.45	43.50	-19.05
356.77	Max-Peak	H	100	27	-67.81	-13.87	25.32	46.00	-20.68
868.11	Max-Peak	H	100	282	-75.29	-3.96	27.75	46.00	-18.25

Table 7-27. Radiated Spurious Emissions Below 1GHz (NB UNII HDR4 – 6420MHz), with AC/DC adaptor

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless 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]
39.63	Max-Peak	V	100	291	-61.38	-16.36	29.26	40.00	-10.74
60.39	Max-Peak	V	100	77	-63.26	-17.05	26.69	40.00	-13.31
100.95	Max-Peak	V	100	128	-67.11	-17.77	22.12	43.50	-21.38
192.99	Max-Peak	H	100	240	-55.02	-17.97	34.01	43.50	-9.49
361.88	Max-Peak	H	100	147	-63.27	-14.12	29.61	46.00	-16.39
748.16	Max-Peak	H	100	288	-70.54	-6.27	30.19	46.00	-15.81

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

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless 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.

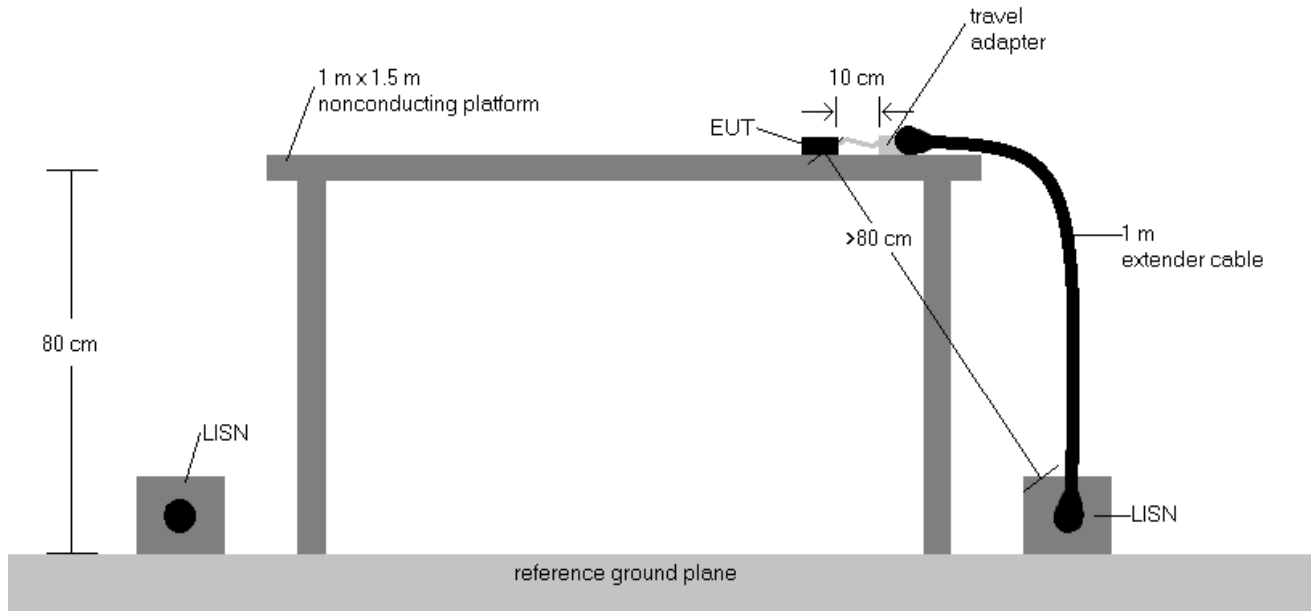
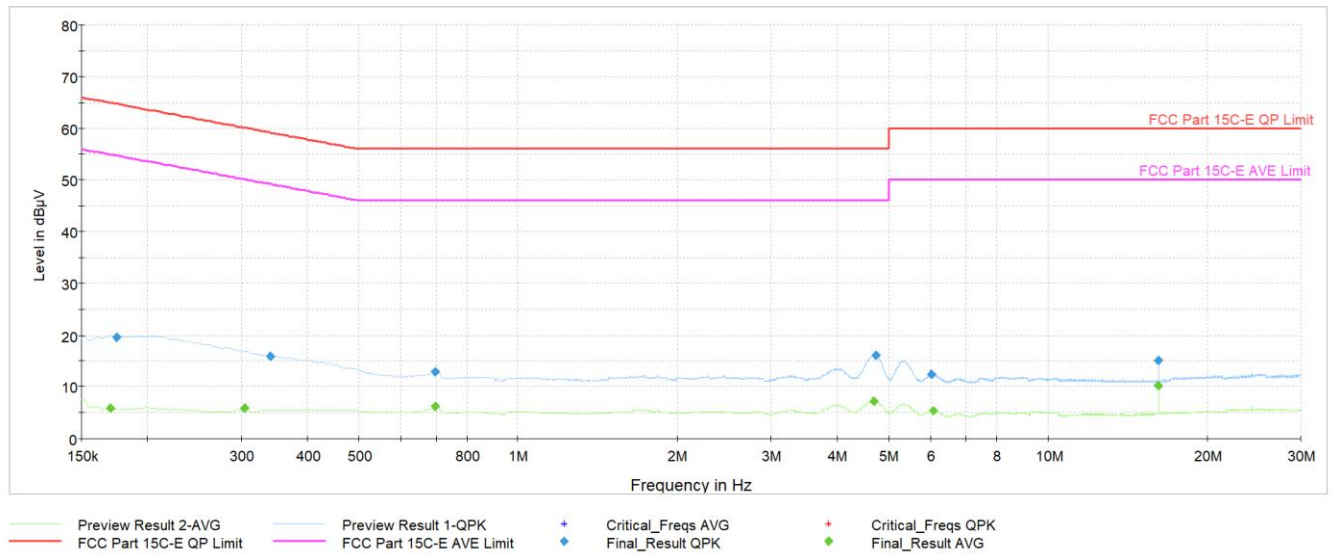


Figure 7-11. Test Instrument & Measurement Setup

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.

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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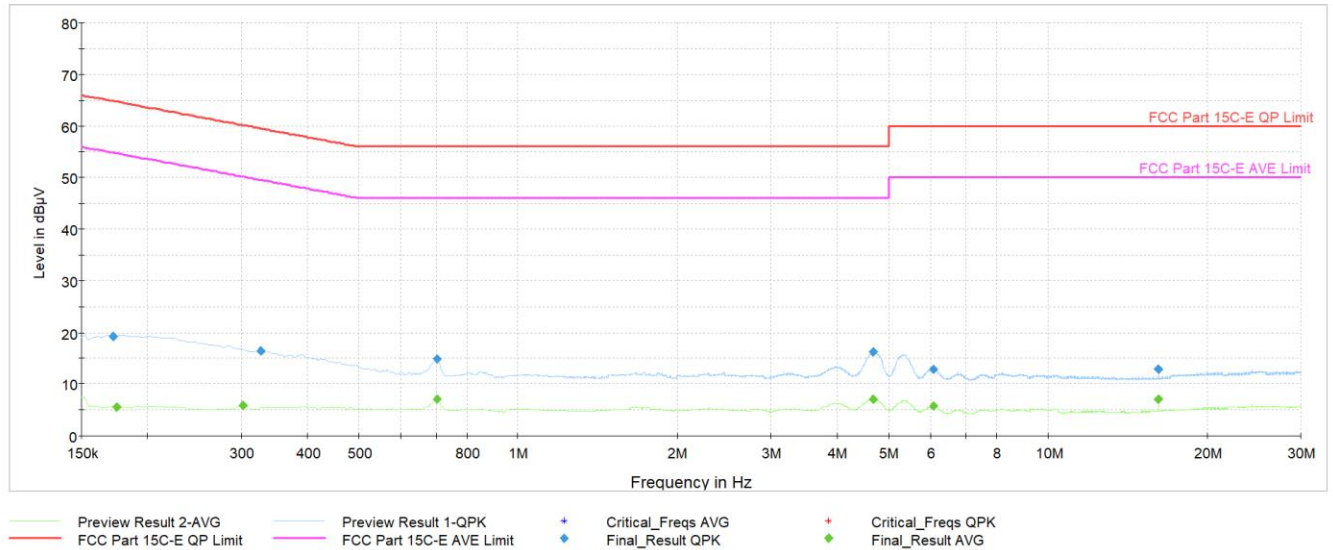


Plot 7-57. AC Line Conducted Plot (NB UNII BDR – 6420MHz) (L1) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.170	FINAL	—	5.86	54.95	-49.09	L1	GND
0.175	FINAL	19.7	—	64.73	-45.07	L1	GND
0.305	FINAL	—	5.84	50.10	-44.26	L1	GND
0.341	FINAL	15.9	—	59.17	-43.30	L1	GND
0.697	FINAL	12.9	—	56.00	-43.06	L1	GND
0.699	FINAL	—	6.25	46.00	-39.75	L1	GND
4.695	FINAL	—	7.22	46.00	-38.78	L1	GND
4.731	FINAL	16.1	—	56.00	-39.87	L1	GND
6.025	FINAL	12.4	—	60.00	-47.64	L1	GND
6.068	FINAL	—	5.38	50.00	-44.62	L1	GND
16.157	FINAL	—	10.20	50.00	-39.80	L1	GND
16.157	FINAL	15.0	—	60.00	-45.01	L1	GND

Table 7-30. AC Line Conducted Data (NB UNII BDR – 6420MHz) (L1) with AC/DC adaptor

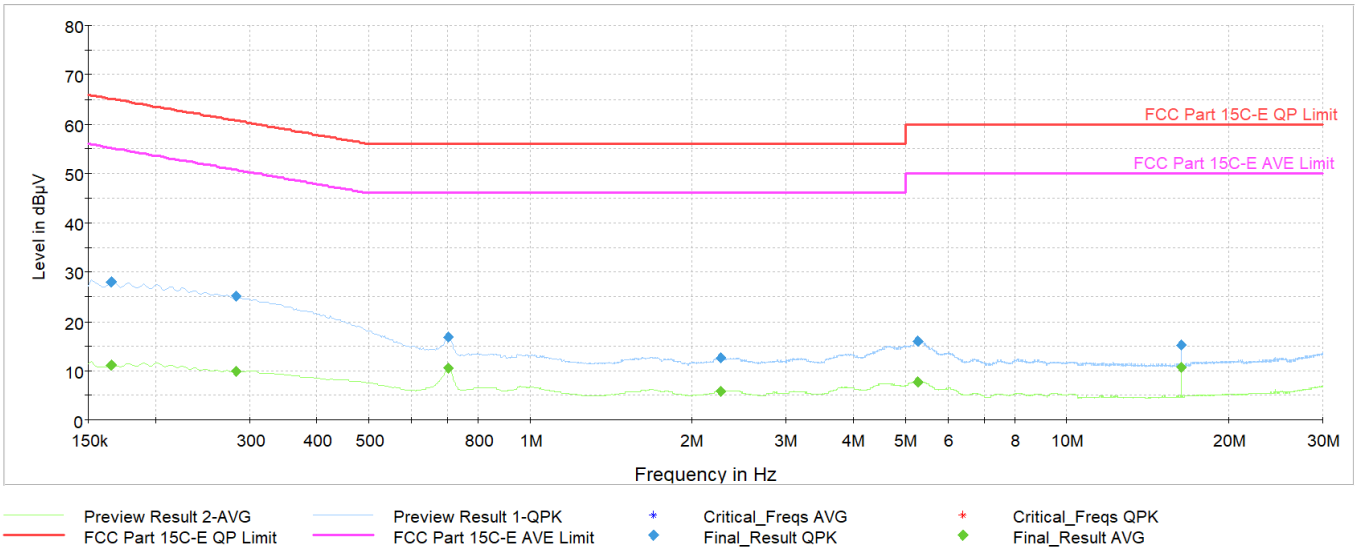
FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.173	FINAL	19.2	—	64.84	-45.62	N	GND
0.175	FINAL	—	5.49	54.73	-49.24	N	GND
0.303	FINAL	—	5.89	50.16	-44.27	N	GND
0.328	FINAL	16.4	—	59.51	-43.13	N	GND
0.704	FINAL	—	6.98	46.00	-39.02	N	GND
0.704	FINAL	14.9	—	56.00	-41.10	N	GND
4.675	FINAL	16.2	—	56.00	-39.76	N	GND
4.686	FINAL	—	7.04	46.00	-38.96	N	GND
6.068	FINAL	—	5.62	50.00	-44.38	N	GND
6.079	FINAL	12.9	—	60.00	-47.06	N	GND
16.152	FINAL	—	7.11	50.00	-42.89	N	GND
16.152	FINAL	13.0	—	60.00	-47.05	N	GND

Table 7-31. AC Line Conducted (NB UNII BDR – 6420MHz) (N) with AC/DC adaptor

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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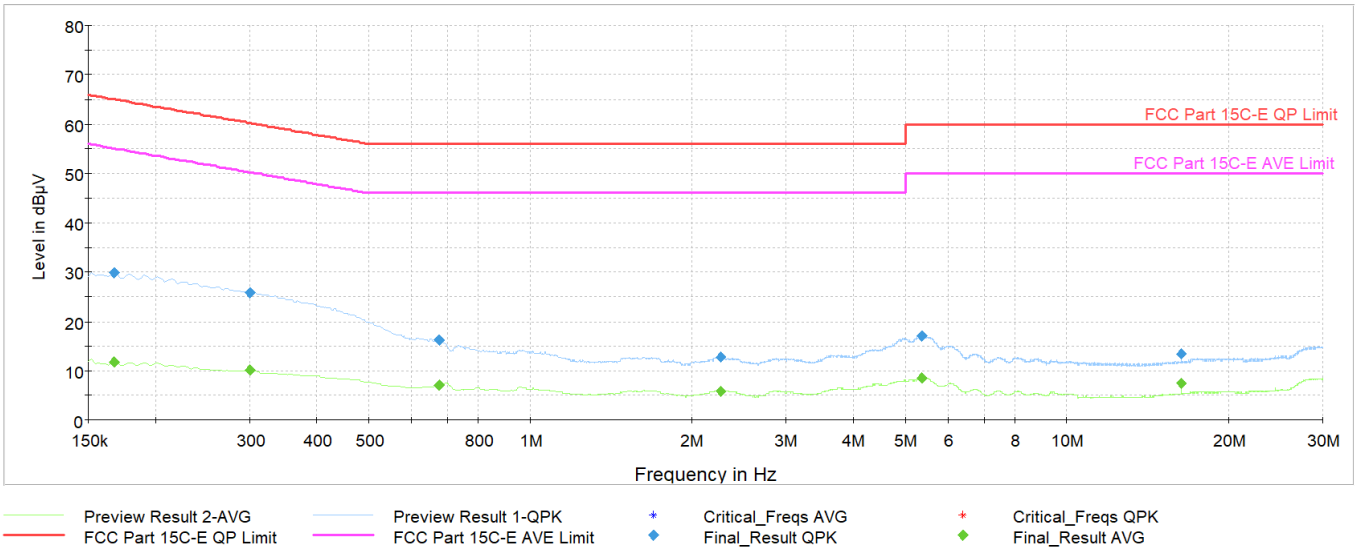


Plot 7-59. AC Line Conducted Plot (NB UNII LE1M – 6420MHz) (L1) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.166	FINAL	—	11.17	55.17	-44.00	L1	GND
0.166	FINAL	28.1	—	65.17	-37.08	L1	GND
0.283	FINAL	—	9.91	50.74	-40.83	L1	GND
0.283	FINAL	25.1	—	60.74	-35.63	L1	GND
0.704	FINAL	—	10.48	46.00	-35.52	L1	GND
0.704	FINAL	16.9	—	56.00	-39.06	L1	GND
2.265	FINAL	12.6	—	56.00	-43.43	L1	GND
2.265	FINAL	—	5.95	46.00	-40.05	L1	GND
5.280	FINAL	16.0	—	60.00	-44.03	L1	GND
5.280	FINAL	—	7.82	50.00	-42.18	L1	GND
16.301	FINAL	—	10.70	50.00	-39.30	L1	GND
16.301	FINAL	15.3	—	60.00	-44.72	L1	GND

Table 7-32. AC Line Conducted Data (NB UNII LE1M – 6420MHz) (L1) with AC/DC adaptor

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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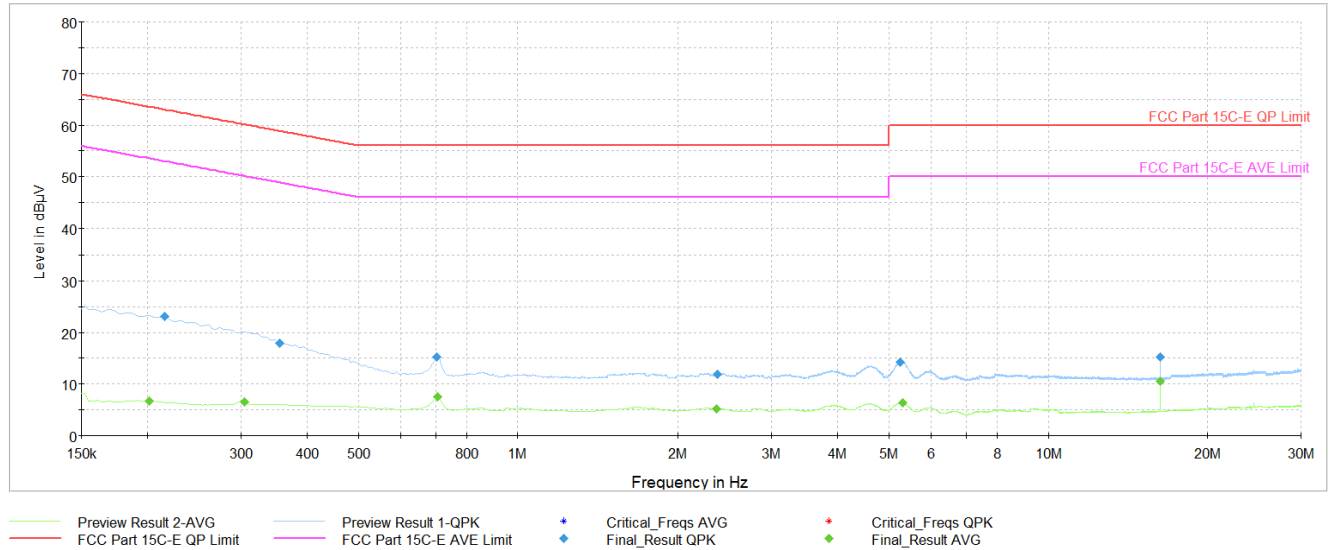


Plot 7-60. AC Line Conducted Plot (NB UNII LE1M – 6420MHz) (N) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.168	FINAL	—	11.71	55.06	-43.35	N	GND
0.168	FINAL	29.9	—	65.06	-35.20	N	GND
0.301	FINAL	—	10.11	50.22	-40.11	N	GND
0.301	FINAL	25.9	—	60.22	-34.36	N	GND
0.677	FINAL	—	7.08	46.00	-38.92	N	GND
0.677	FINAL	16.3	—	56.00	-39.71	N	GND
2.263	FINAL	12.8	—	56.00	-43.20	N	GND
2.263	FINAL	—	5.95	46.00	-40.05	N	GND
5.368	FINAL	17.0	—	60.00	-42.98	N	GND
5.368	FINAL	—	8.46	50.00	-41.54	N	GND
16.301	FINAL	—	7.52	50.00	-42.48	N	GND
16.301	FINAL	13.5	—	60.00	-46.51	N	GND

Table 7-33. AC Line Conducted (NB UNII LE1M – 6420MHz) (N) with AC/DC adaptor

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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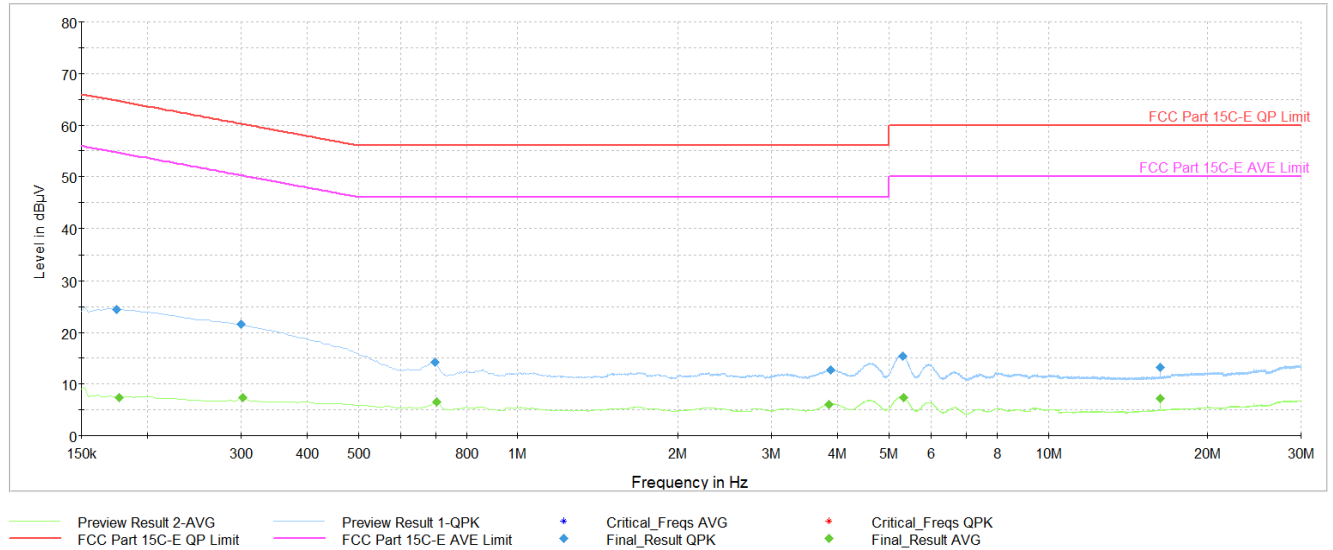


Plot 7-61. AC Line Conducted Plot (NB UNII HDR4 – 6264MHz) (L1) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.202	FINAL	—	6.74	53.54	-46.79	L1	GND
0.215	FINAL	23.1	—	63.00	-39.90	L1	GND
0.305	FINAL	—	6.57	50.10	-43.52	L1	GND
0.355	FINAL	17.9	—	58.85	-40.93	L1	GND
0.704	FINAL	15.3	—	56.00	-40.72	L1	GND
0.706	FINAL	—	7.61	46.00	-38.39	L1	GND
2.360	FINAL	—	5.17	46.00	-40.83	L1	GND
2.369	FINAL	11.8	—	56.00	-44.16	L1	GND
5.262	FINAL	14.3	—	60.00	-45.74	L1	GND
5.307	FINAL	—	6.29	50.00	-43.71	L1	GND
16.267	FINAL	—	10.48	50.00	-39.52	L1	GND
16.267	FINAL	15.2	—	60.00	-44.83	L1	GND

Table 7-34. AC Line Conducted Data (NB UNII HDR4 – 6264MHz) (L1) with AC/DC adaptor

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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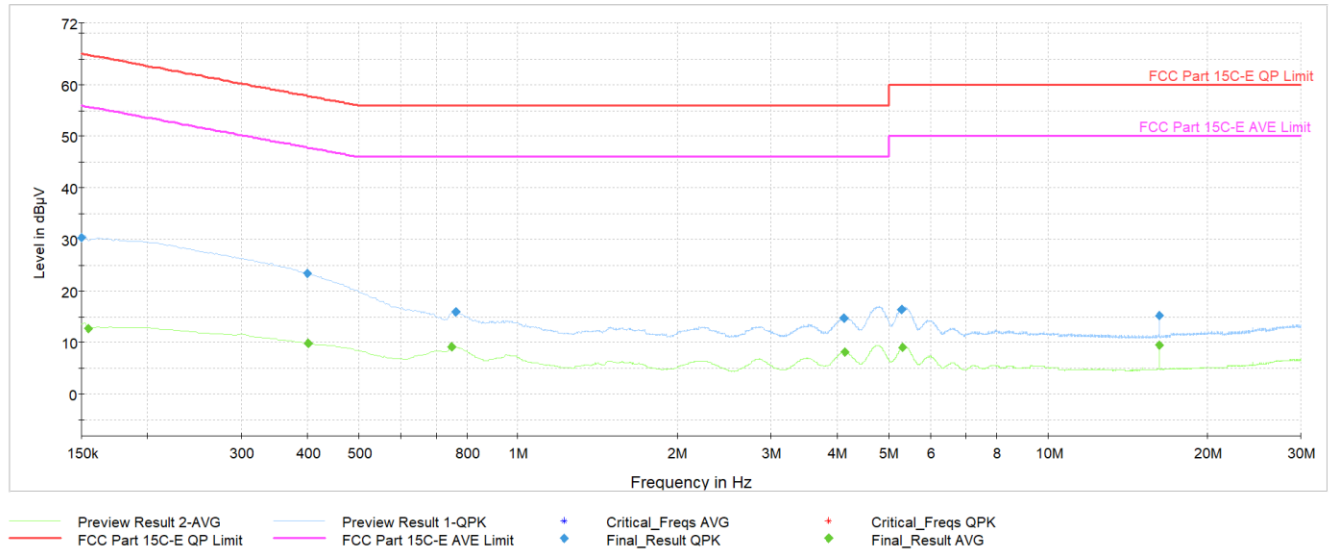


Plot 7-62. AC Line Conducted Plot (NB UNII HDR4 – 6264MHz) (N) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.175	FINAL	24.5	—	64.73	-40.28	N	GND
0.177	FINAL	—	7.45	54.63	-47.18	N	GND
0.301	FINAL	21.5	—	60.22	-38.71	N	GND
0.303	FINAL	—	7.29	50.16	-42.87	N	GND
0.699	FINAL	14.2	—	56.00	-41.81	N	GND
0.704	FINAL	—	6.58	46.00	-39.42	N	GND
3.860	FINAL	—	6.02	46.00	-39.98	N	GND
3.885	FINAL	12.7	—	56.00	-43.30	N	GND
5.314	FINAL	15.5	—	60.00	-44.53	N	GND
5.330	FINAL	—	7.38	50.00	-42.62	N	GND
16.267	FINAL	—	7.21	50.00	-42.79	N	GND
16.267	FINAL	13.2	—	60.00	-46.82	N	GND

Table 7-35. AC Line Conducted (NB UNII HDR4 – 6264MHz) (N) with AC/DC adaptor

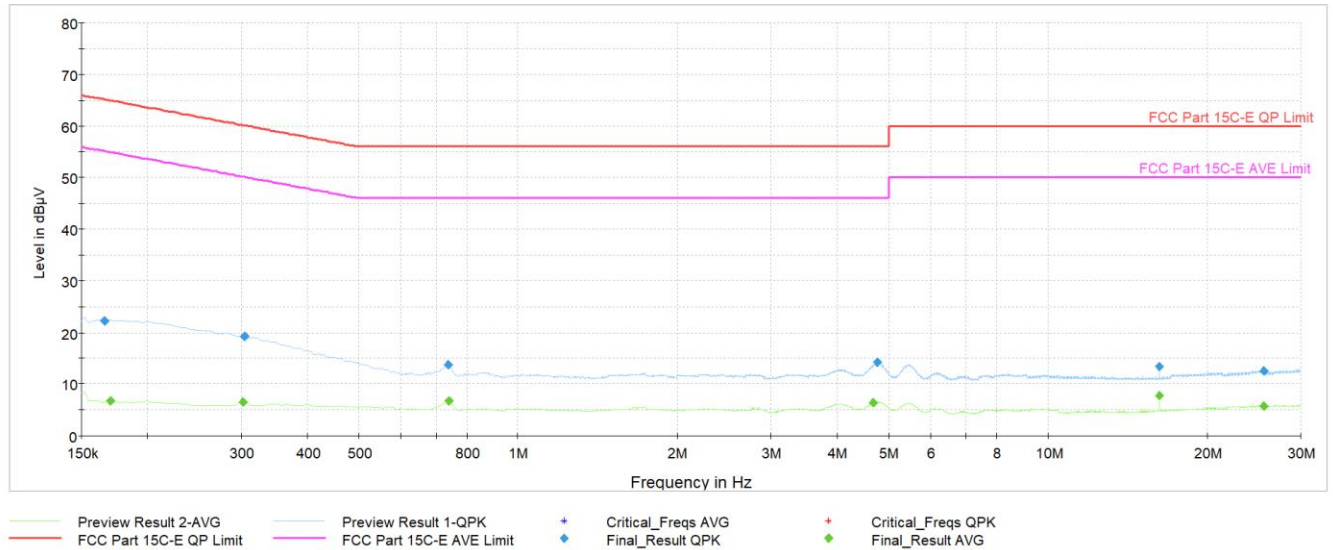
FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.150	FINAL	30.4	—	66.00	-35.63	L1	GND
0.155	FINAL	—	12.73	55.75	-43.03	L1	GND
0.400	FINAL	23.4	—	57.86	-34.43	L1	GND
0.402	FINAL	—	9.86	47.81	-37.96	L1	GND
0.749	FINAL	—	9.16	46.00	-36.84	L1	GND
0.762	FINAL	15.9	—	56.00	-40.10	L1	GND
4.124	FINAL	14.8	—	56.00	-41.24	L1	GND
4.133	FINAL	—	8.16	46.00	-37.84	L1	GND
5.285	FINAL	16.5	—	60.00	-43.50	L1	GND
5.307	FINAL	—	9.14	50.00	-40.86	L1	GND
16.222	FINAL	—	9.57	50.00	-40.43	L1	GND
16.224	FINAL	15.2	—	60.00	-44.80	L1	GND

Table 7-36. AC Line Conducted Data (NB UNII HDRp4 – 6264MHz) (L1) with AC/DC adaptor

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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Plot 7-64. AC Line Conducted Plot (NB UNII HDRp4 – 6264MHz) (N) with AC/DC adaptor

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.166	FINAL	22.3	—	65.17	-42.88	N	GND
0.170	FINAL	—	6.62	54.95	-48.33	N	GND
0.303	FINAL	—	6.60	50.16	-43.56	N	GND
0.305	FINAL	19.2	—	60.10	-40.91	N	GND
0.737	FINAL	13.7	—	56.00	-42.31	N	GND
0.742	FINAL	—	6.74	46.00	-39.26	N	GND
4.684	FINAL	—	6.30	46.00	-39.70	N	GND
4.760	FINAL	14.2	—	56.00	-41.77	N	GND
16.208	FINAL	13.5	—	60.00	-46.53	N	GND
16.208	FINAL	—	7.74	50.00	-42.26	N	GND
25.546	FINAL	12.5	—	60.00	-47.53	N	GND
25.553	FINAL	—	5.65	50.00	-44.35	N	GND

Table 7-37. AC Line Conducted (NB UNII HDRp4 – 6264MHz) (N) with AC/DC adaptor

FCC ID: BCG-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
Test Report S/N: 1C2606090044-05-R2.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 85 of 86

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Wireless Right Earbud FCC ID: BCG-A3531** and **IC: 579C-A3531** 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-A3531 IC: 579C-A3531	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 6/12/2026 - 8/11/2026	EUT Type: Wireless Earbud	Approved by: Technical Manager
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