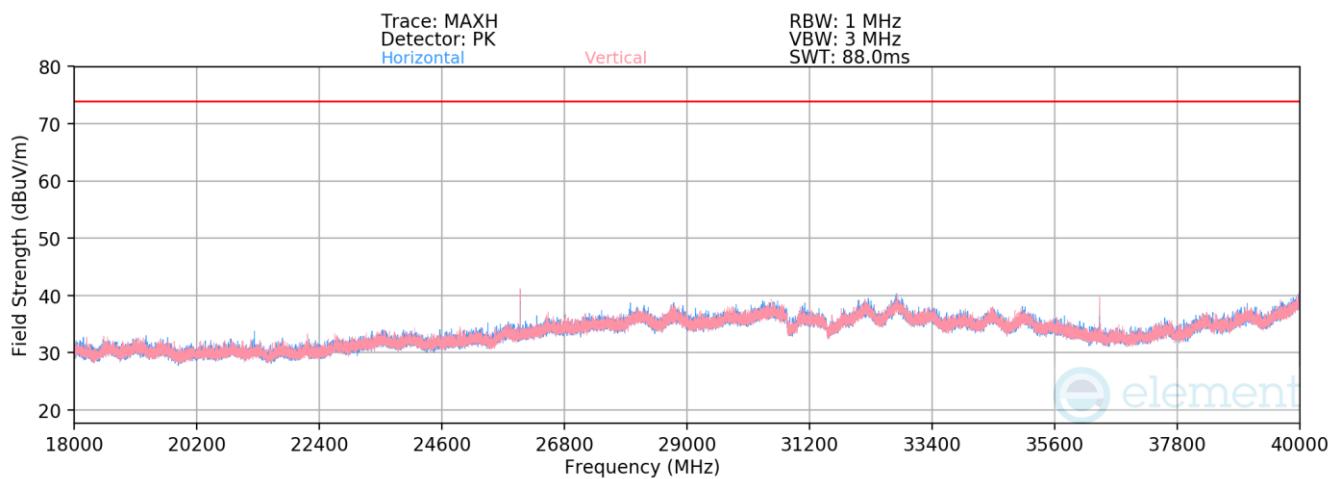


Plot 7-94. Radiated Spurious Emissions 1-18GHz (NB UNII LE1M – 5200MHz)



Plot 7-95. Radiated Spurious Emissions Above 18GHz (NB UNII LE1M – 5200MHz)

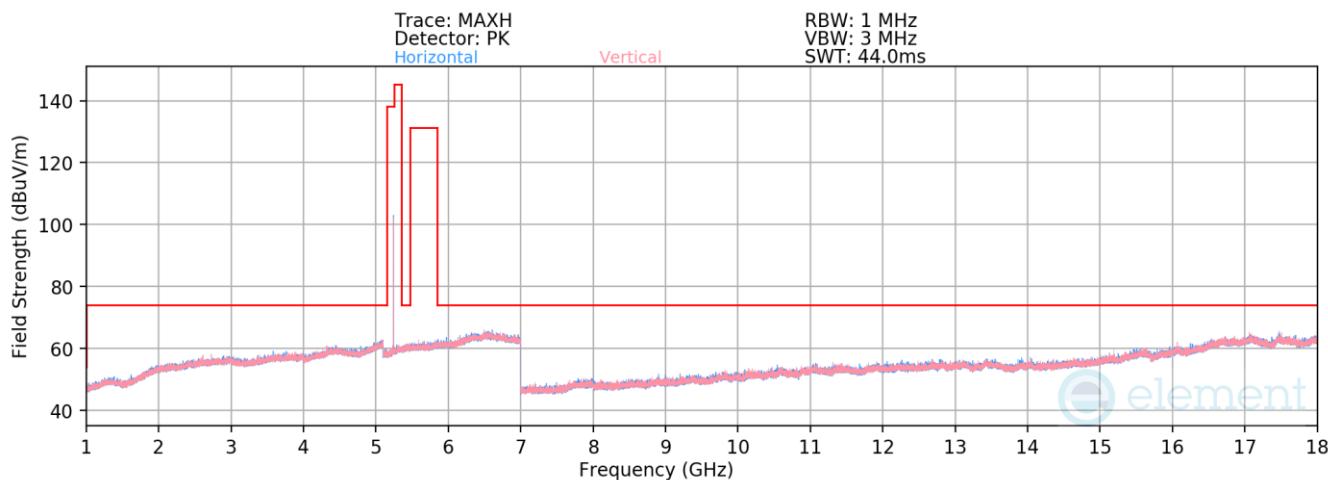
FCC ID: BCG-A3063	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 79 of 129	

Mode: LE
 Data Rate: 1Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5200MHz

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	V	275	344	-70.71	17.64	0.00	0.00	53.93	68.23	-14.30
* 15600.00	Avg	V	244	334	-83.27	24.68	1.17	0.00	48.41	53.98	-5.57
* 15600.00	Peak	V	244	334	-71.23	24.68	0.00	0.00	60.45	73.98	-13.53
* 20800.00	Avg	V	-	-	-60.69	-7.60	0.00	-9.54	29.17	53.98	-24.81
* 20800.00	Peak	V	-	-	-49.69	-7.60	0.00	-9.54	40.17	73.98	-33.81
26000.00	Peak	V	150	167	-42.28	-5.85	0.00	-9.54	49.33	68.23	-18.90
* 31200.00	Avg	V	150	172	-58.34	-3.76	1.17	-9.54	36.53	53.98	-17.45
* 31200.00	Peak	V	150	172	-48.83	-3.76	0.00	-9.54	44.87	73.98	-29.11
36400.00	Peak	V	150	23	-39.88	-7.22	0.00	-9.54	50.36	68.23	-17.87

Table 7-15. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			Page 80 of 129



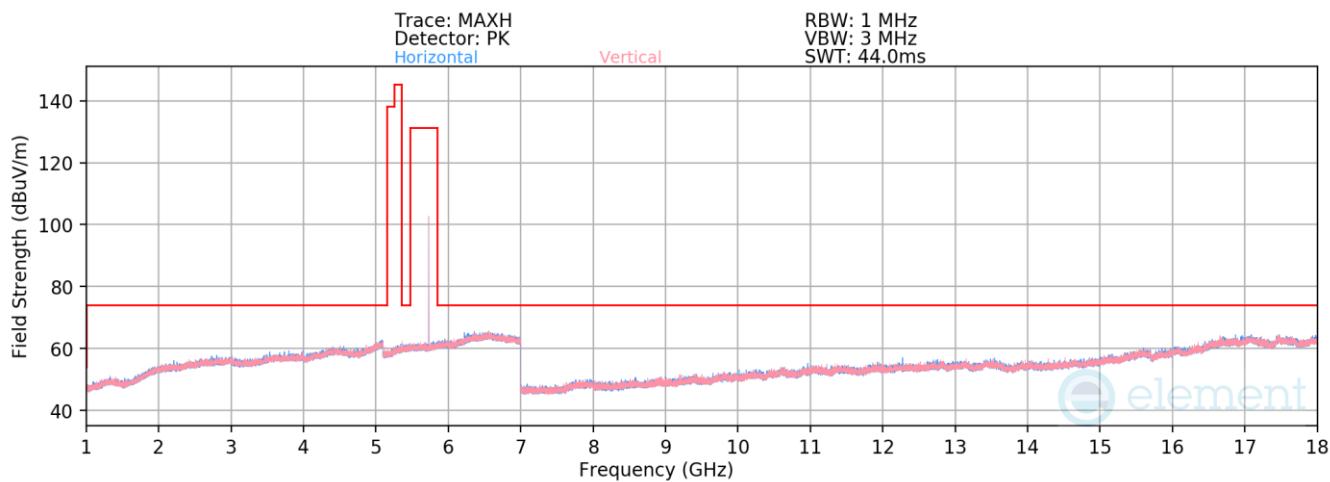
Plot 7-96. Radiated Spurious Emissions 1-18GHz (NB UNII LE1M – 5245MHz)

Mode: LE
 Data Rate: 1Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5245MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turtable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10490.00	Peak	V	106	359	-71.29	17.93	53.64	68.23	-14.59
* 15735.00	Avg	-	-	-	-84.48	25.37	47.89	53.98	-6.09
* 15735.00	Peak	-	-	-	-72.64	25.37	59.73	73.98	-14.25

Table 7-16. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 81 of 129	



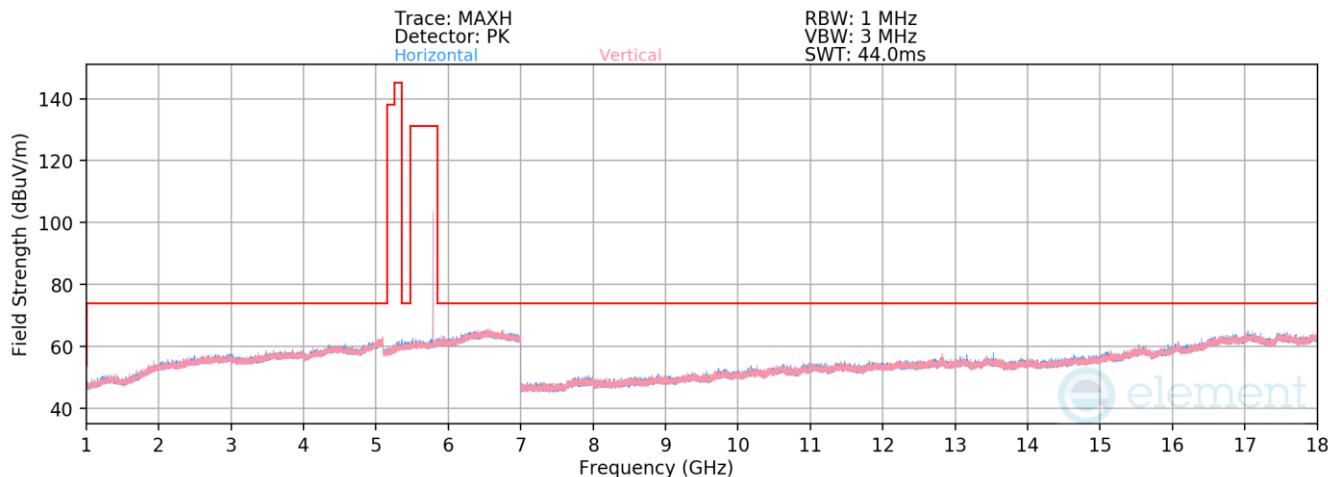
Plot 7-97. Radiated Spurious Emissions 1-18GHz (NB UNII LE1M – 5731MHz)

Mode: LE
 Data Rate: 1Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5731MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11462.00	Avg	-	-	-	-82.82	19.11	43.29	53.98	-10.69
* 11462.00	Peak	-	-	-	-71.67	19.11	54.44	73.98	-19.54
17193.00	Peak	V	304	12	-72.54	27.73	62.19	68.23	-6.04

Table 7-17. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 element MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 82 of 129	



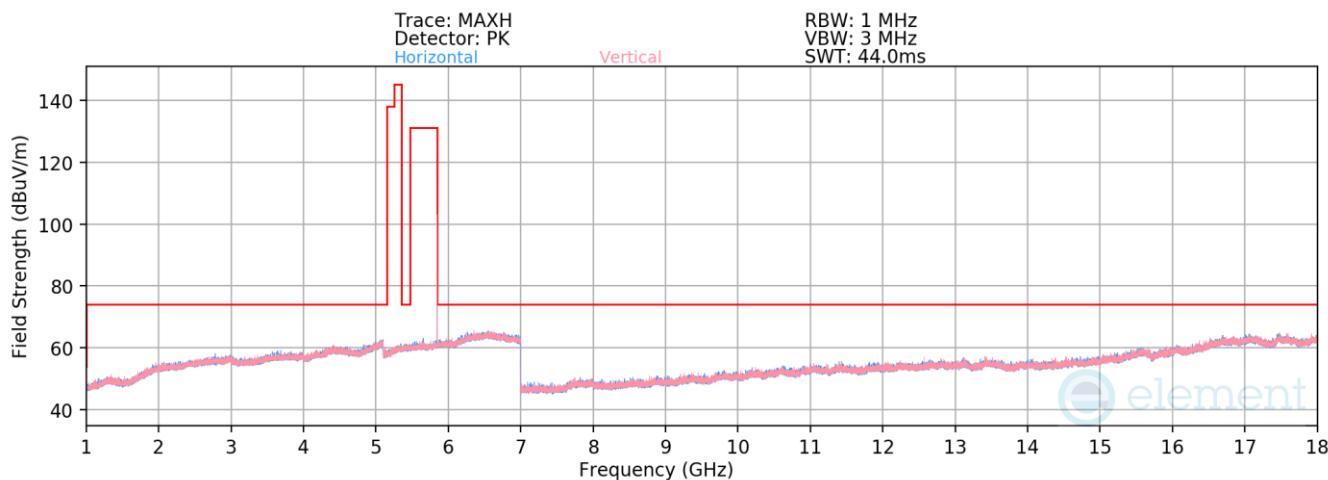
Plot 7-98. Radiated Spurious Emissions 1-18GHz (NB UNII LE1M – 5788MHz)

Mode: LE
 Data Rate: 1Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5788MHz

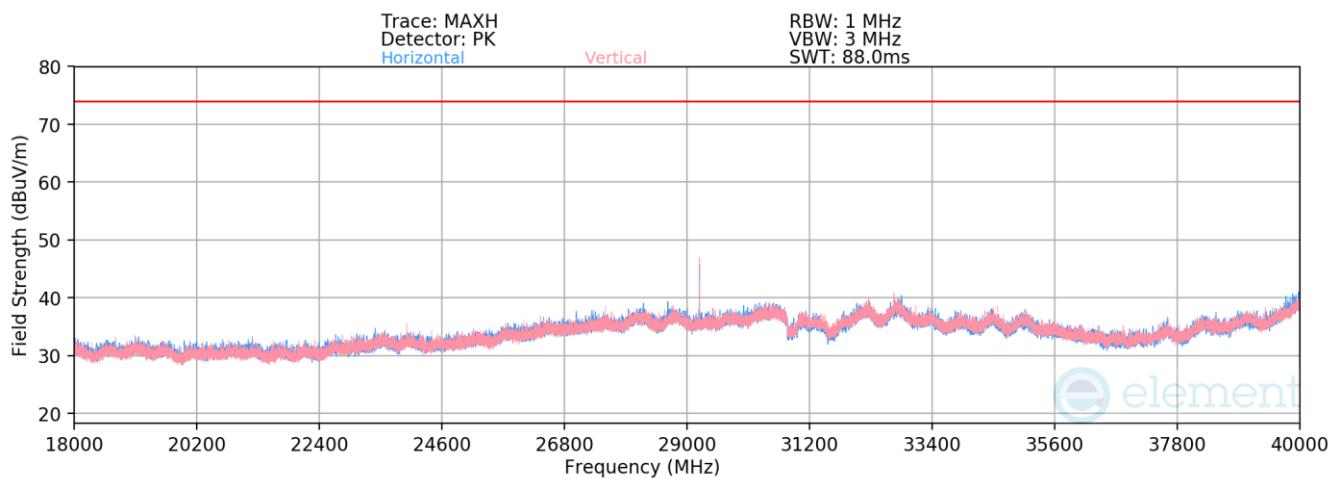
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11576.00	Avg	-	-	-	-83.31	19.37	43.06	53.98	-10.92
* 11576.00	Peak	-	-	-	-72.03	19.37	54.34	73.98	-19.64
17364.00	Peak	H	245	141	-72.41	27.55	62.14	68.23	-6.09

Table 7-18. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 83 of 129	



Plot 7-99. Radiated Spurious Emissions 1-18GHz (NB UNII LE1M – 5844MHz)



Plot 7-100. Radiated Spurious Emissions 1-18GHz (NB UNII LE1M – 5844MHz)

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 84 of 129	

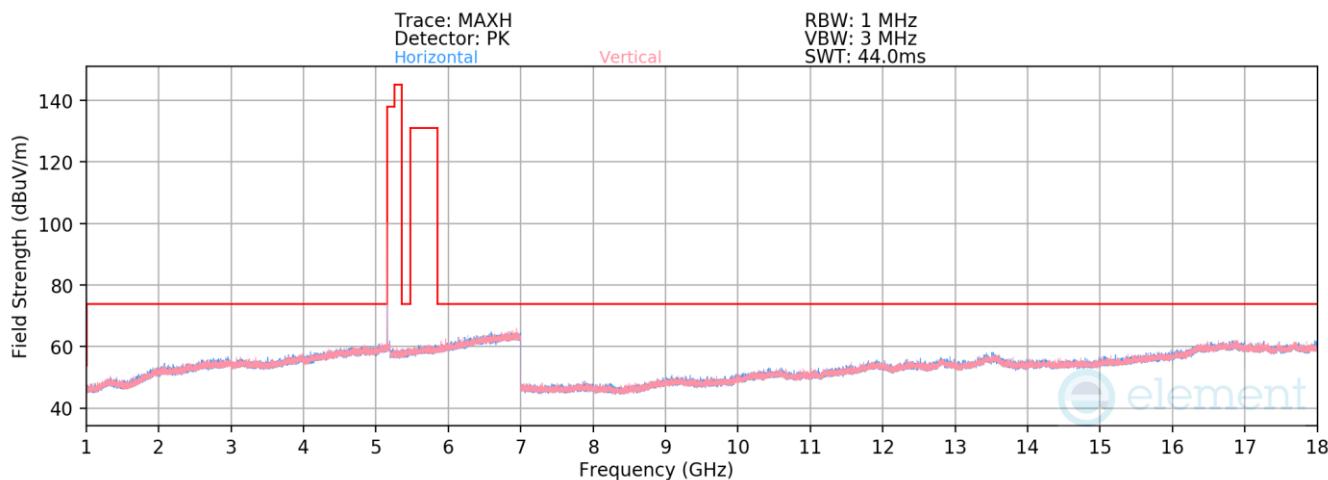


Mode: LE
Data Rate: 1Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 5844MHz

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11688.00	Avg	-	-	-	-83.92	19.84	0.00	42.91	53.98	-11.07
11688.00	Peak	-	-	-	-72.43	19.84	0.00	54.41	73.98	-19.57
17532.00	Peak	H	251	141	-72.79	27.91	0.00	62.12	68.23	-6.11
23376.00	Peak	V	-	-	-49.77	-6.78	-9.54	40.91	68.23	-27.32
29220.00	Peak	V	150	166	-41.20	-4.20	-9.54	52.06	68.23	-16.17
35064.00	Peak	V	150	177	-48.78	-4.41	-9.54	44.27	68.23	-23.96

Table 7-19. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	element MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 85 of 129	



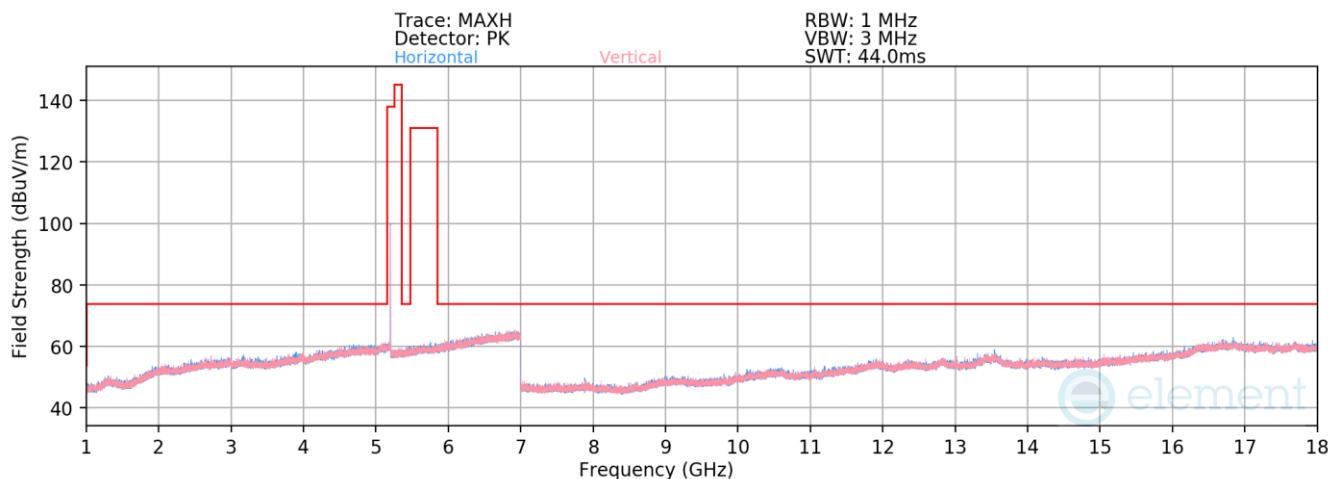
Plot 7-101. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 5157MHz)

Mode: HDR4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5157MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turtable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10314.00	Peak	-	-	-	-72.73	17.73	52.00	68.23	-16.23
* 15471.00	Avg	-	-	-	-85.06	24.52	46.46	53.98	-7.52
* 15471.00	Peak	-	-	-	-73.75	24.52	57.77	73.98	-16.21

Table 7-20. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			



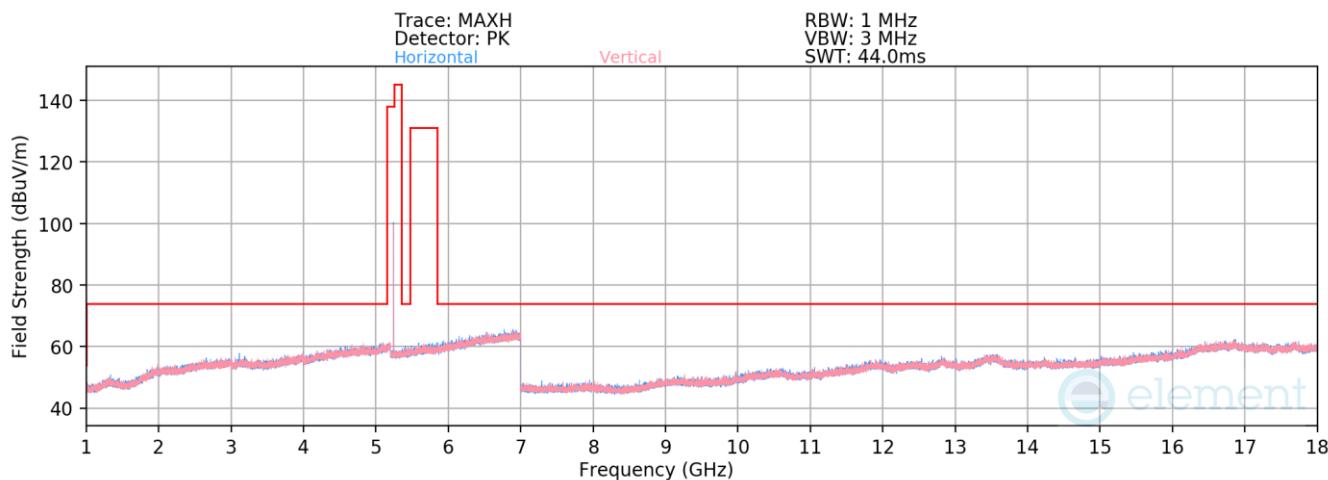
Plot 7-102. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 5200MHz)

Mode: HDR4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5200MHz

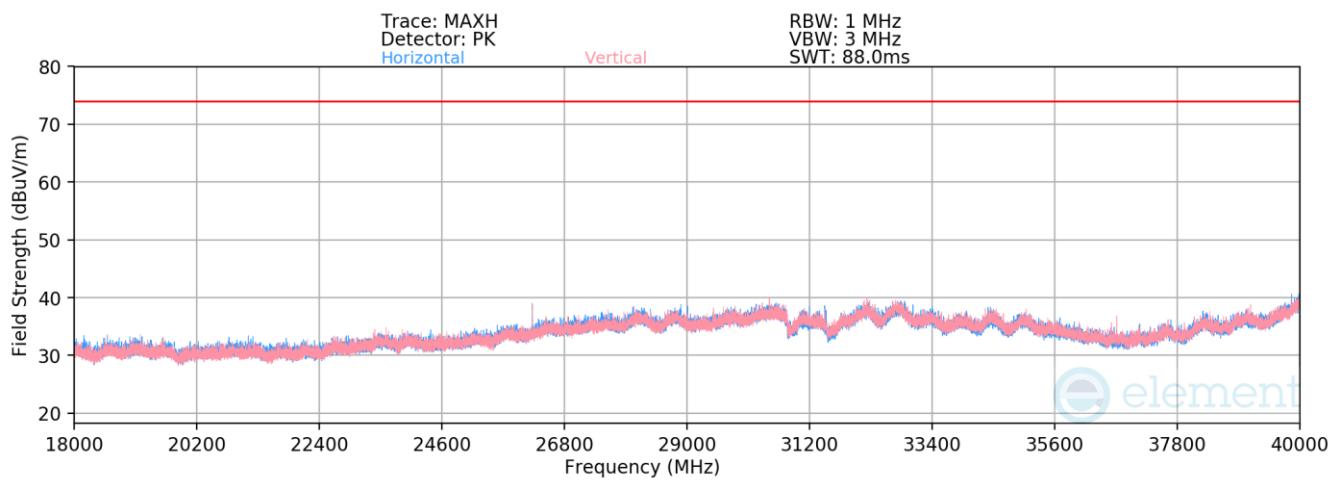
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	-	-	-	-71.99	17.64	52.65	68.23	-15.58
* 15600.00	Avg	-	-	-	-85.41	24.68	46.27	53.98	-7.71
* 15600.00	Peak	-	-	-	-74.43	24.68	57.25	73.98	-16.73

Table 7-21. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 87 of 129	



Plot 7-103. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 5245MHz)



Plot 7-104. Radiated Spurious Emissions Above 18GHz (NB UNII HDR4 – 5245MHz)

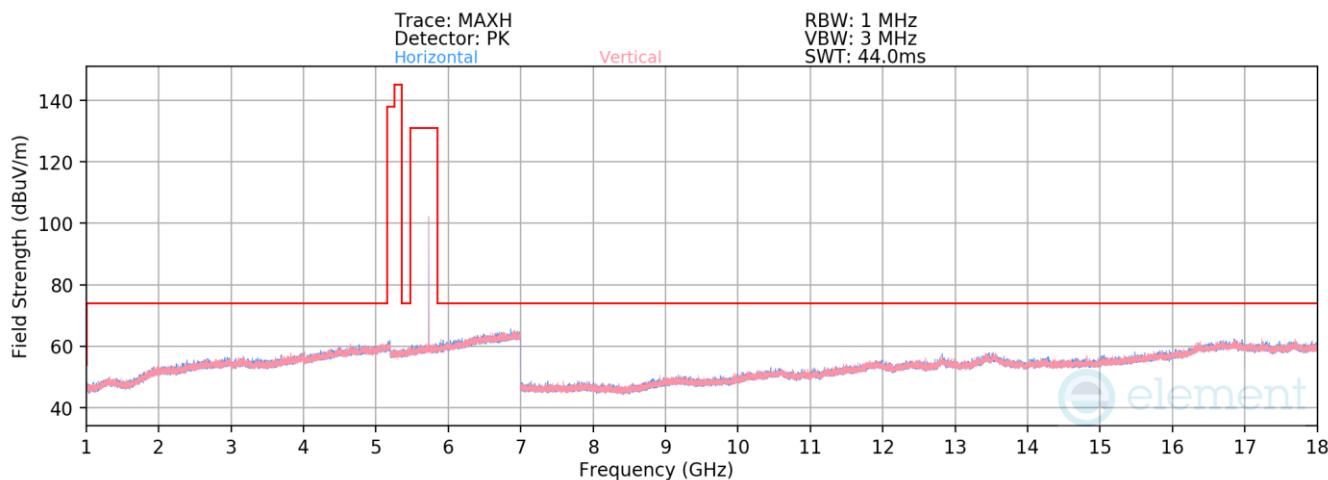
FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 88 of 129	

Mode: HDR4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5245MHz

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10490.00	Peak	V	-	-	-72.96	17.93	0.00	0.00	51.97	68.23	-16.26
* 15735.00	Avg	V	100	90	-85.65	25.37	1.18	0.00	47.90	53.98	-6.08
* 15735.00	Peak	V	100	90	-74.38	25.37	0.00	0.00	57.99	73.98	-15.99
* 20980.00	Avg	V	150	131	-59.70	-7.52	1.18	-9.54	31.42	53.98	-22.56
* 20980.00	Peak	V	150	131	-49.05	-7.52	0.00	-9.54	40.89	73.98	-33.09
26225.00	Peak	H	150	47	-44.84	-5.69	0.00	-9.54	46.93	68.23	-21.30
* 31470.00	Avg	V	150	27	-60.33	-3.56	1.18	-9.54	34.74	53.98	-19.24
* 31470.00	Peak	V	150	27	-49.39	-3.56	0.00	-9.54	44.51	73.98	-29.47
36715.00	Peak	V	150	25	-45.36	-6.52	0.00	-9.54	45.58	68.23	-22.65

Table 7-22. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 89 of 129	



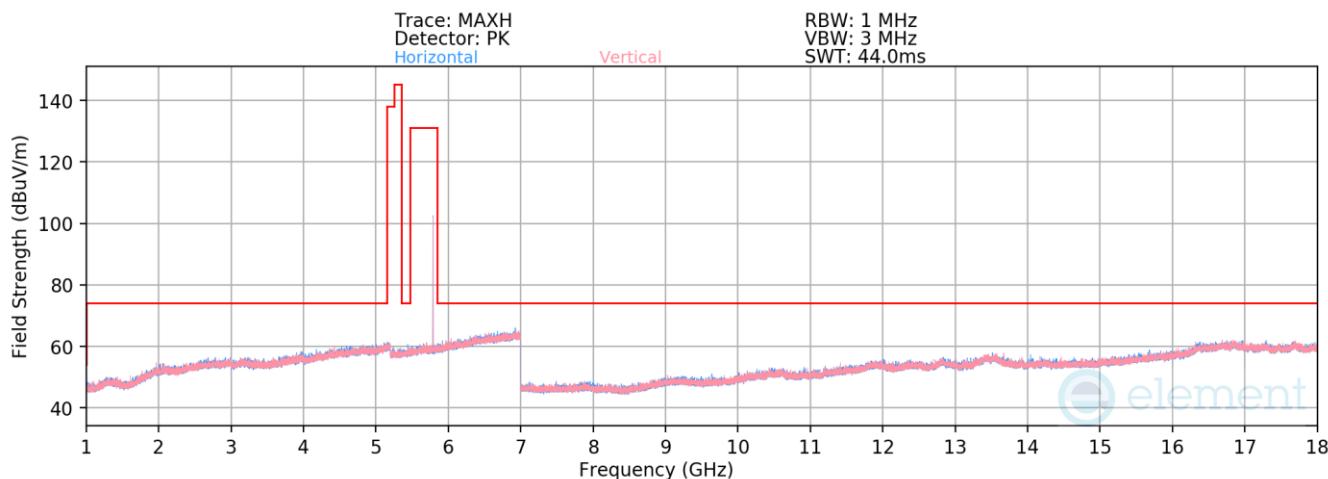
Plot 7-105. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 5731MHz)

Mode: HDR4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5731MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11462.00	Avg	-	-	-	-84.47	19.11	41.64	53.98	-12.34
* 11462.00	Peak	-	-	-	-73.02	19.11	53.09	73.98	-20.89
17193.00	Peak	-	-	-	-73.60	27.73	61.13	68.23	-7.10

Table 7-23. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			



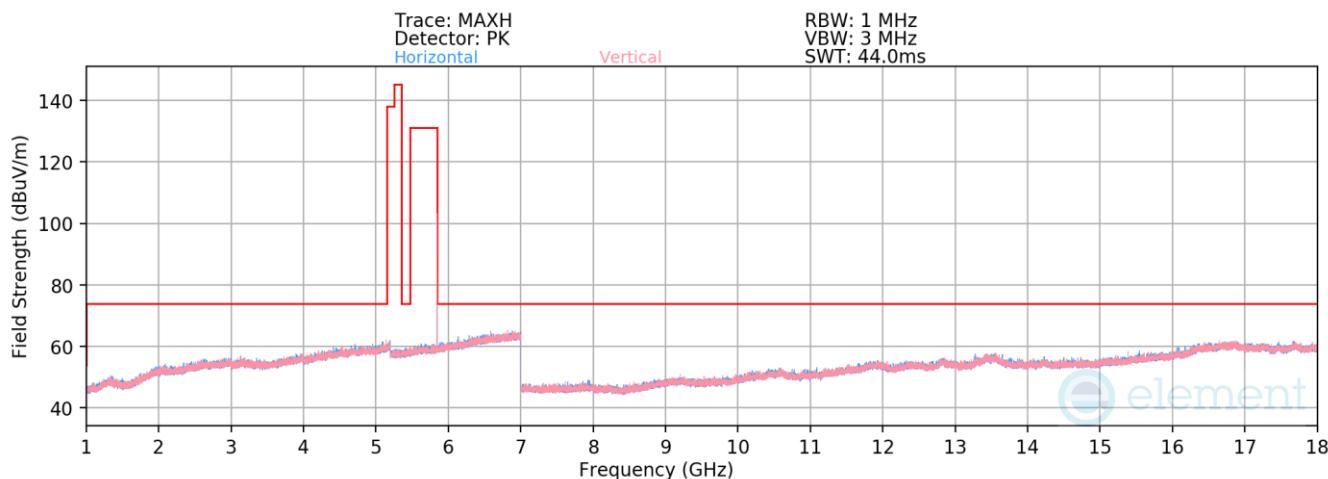
Plot 7-106. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 5788MHz)

Mode: HDR4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5788MHz

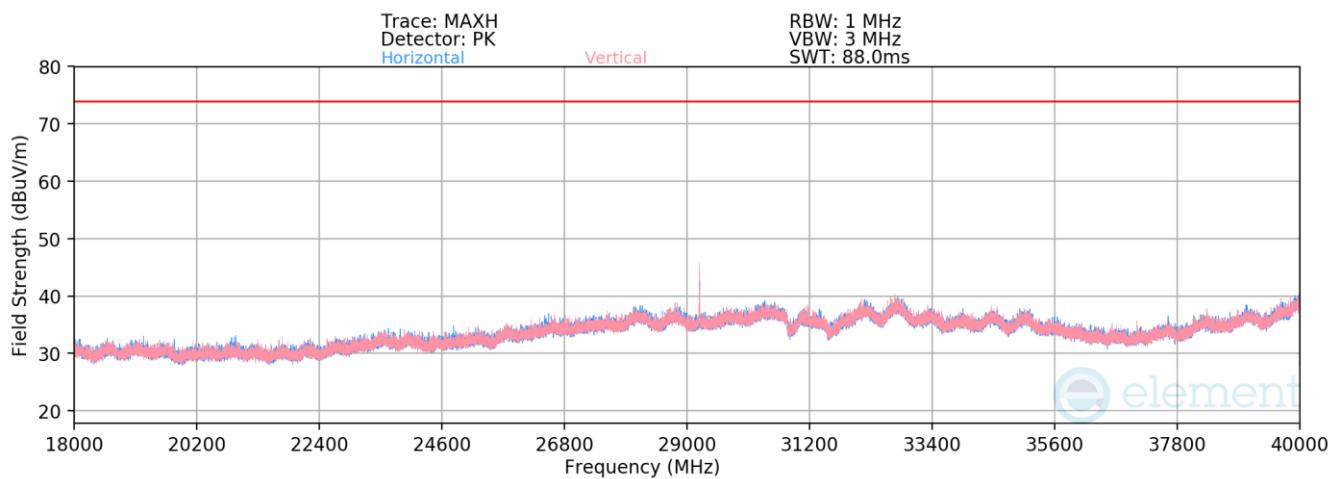
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11576.00	Avg	-	-	-	-84.37	19.37	42.00	53.98	-11.98
* 11576.00	Peak	-	-	-	-72.87	19.37	53.50	73.98	-20.48
17364.00	Peak	-	-	-	-73.78	27.55	60.77	68.23	-7.46

Table 7-24. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 element MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 91 of 129	



Plot 7-107. Radiated Spurious Emissions 1-18GHz (NB UNII HDR4 – 5844MHz)



Plot 7-108. Radiated Spurious Emissions Above 18GHz (NB UNII HDR4 – 5844MHz)

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 92 of 129	

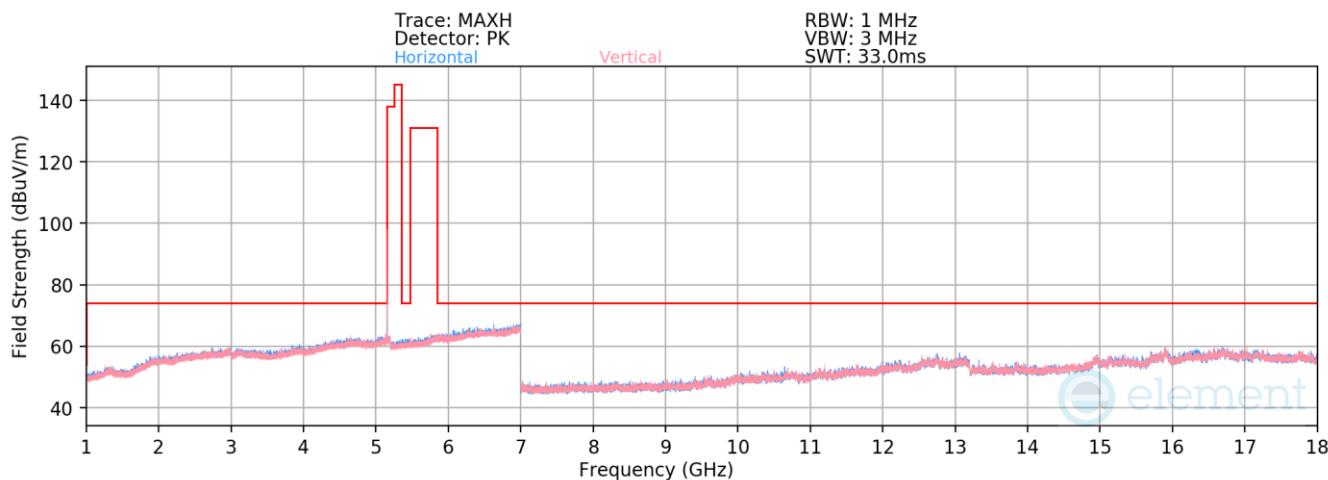


Mode: HDR4
Data Rate: 4Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 5844MHz

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11688.00	Avg	-	-	-	-84.65	19.84	0.00	42.19	53.98	-11.79
11688.00	Peak	-	-	-	-73.15	19.84	0.00	53.69	73.98	-20.29
17532.00	Peak	H	289	143	-73.85	27.91	0.00	61.06	68.23	-7.17
23376.00	Peak	-	-	-	-60.85	-6.80	-9.54	41.48	68.23	-26.75
29220.00	Peak	V	150	108	-40.52	-4.20	-9.54	52.74	68.23	-15.49
35064.00	Peak	V	150	270	-50.06	-4.41	-9.54	42.99	68.23	-25.24

Table 7-25. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	element MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 93 of 129	



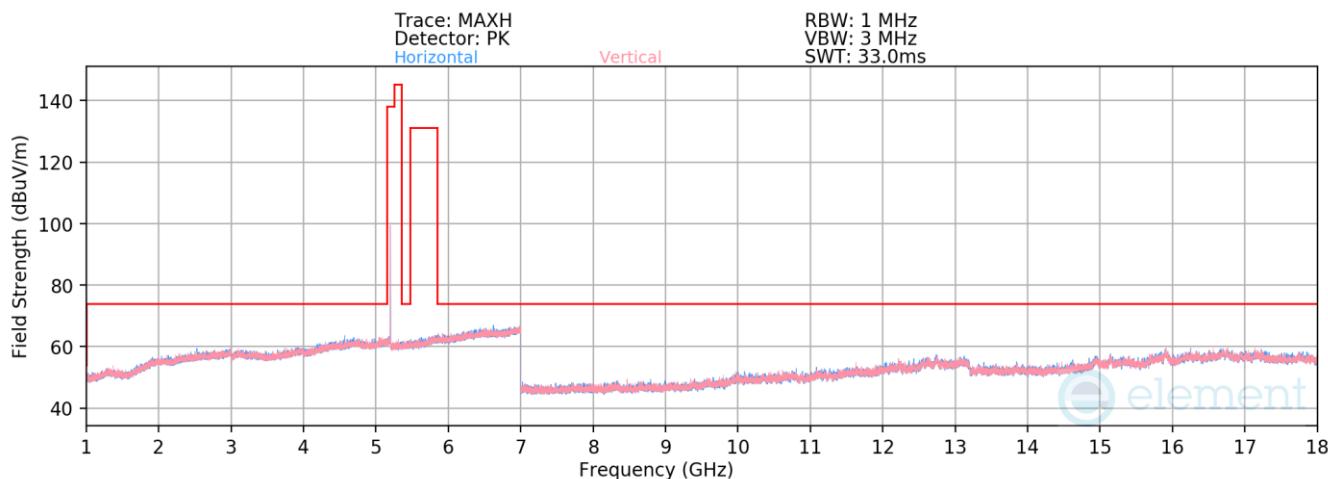
Plot 7-109. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 5157MHz)

Mode: HDRp4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5157MHz

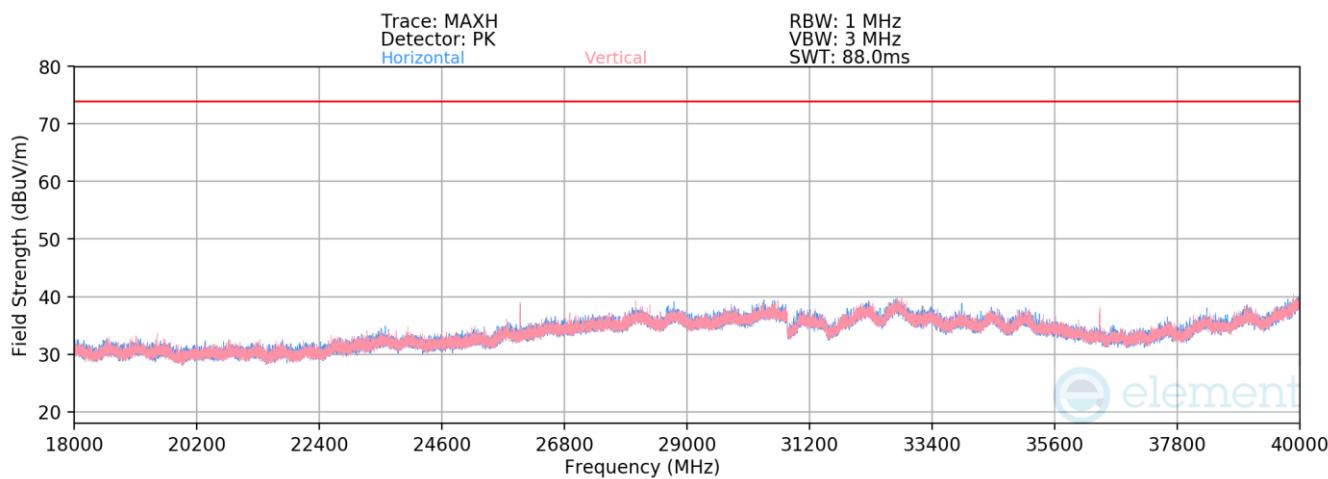
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10314.00	Peak	-	-	-	-73.05	17.73	51.68	68.23	-16.55
* 15471.00	Avg	-	-	-	-86.35	24.52	45.17	53.98	-8.81
* 15471.00	Peak	-	-	-	-75.36	24.52	56.16	73.98	-17.82

Table 7-26. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 94 of 129	



Plot 7-110. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 5201MHz)



Plot 7-111. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 5200MHz)

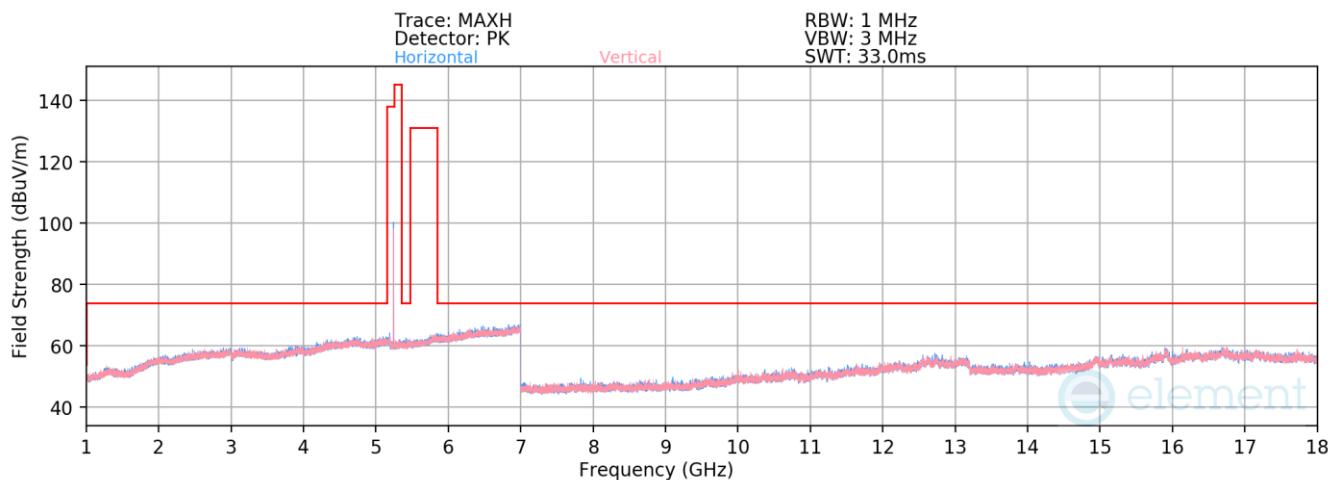
FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 95 of 129	

Mode:	HDRp4
Data Rate:	4Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz

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 [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	
10400.00	Peak	-	-	-	-73.23	17.64	0.00	0.00	51.42	68.23	-16.81	
*	15600.00	Avg	-	-	-86.60	24.68	0.00	0.00	45.09	53.98	-8.89	
*	15600.00	Peak	-	-	-75.91	24.68	0.00	0.00	55.77	73.98	-18.21	
*	20800.00	Avg	-	-	-51.23	-7.60	0.00	-9.54	29.09	53.98	-24.89	
*	20800.00	Peak	-	-	-39.98	-7.60	0.00	-9.54	40.34	73.98	-33.64	
*	26000.00	Peak	V	150	254	-44.47	-5.85	0.00	-9.54	47.14	68.23	-21.09
*	31200.00	Avg	V	150	267	-60.88	-3.76	1.17	-9.54	33.99	53.98	-19.99
*	31200.00	Peak	V	150	267	-49.37	-3.76	0.00	-9.54	44.33	73.98	-29.65
	36400.00	Peak	V	150	108	-41.18	-7.22	0.00	-9.54	49.06	68.23	-19.17

Table 7-27. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 96 of 129	

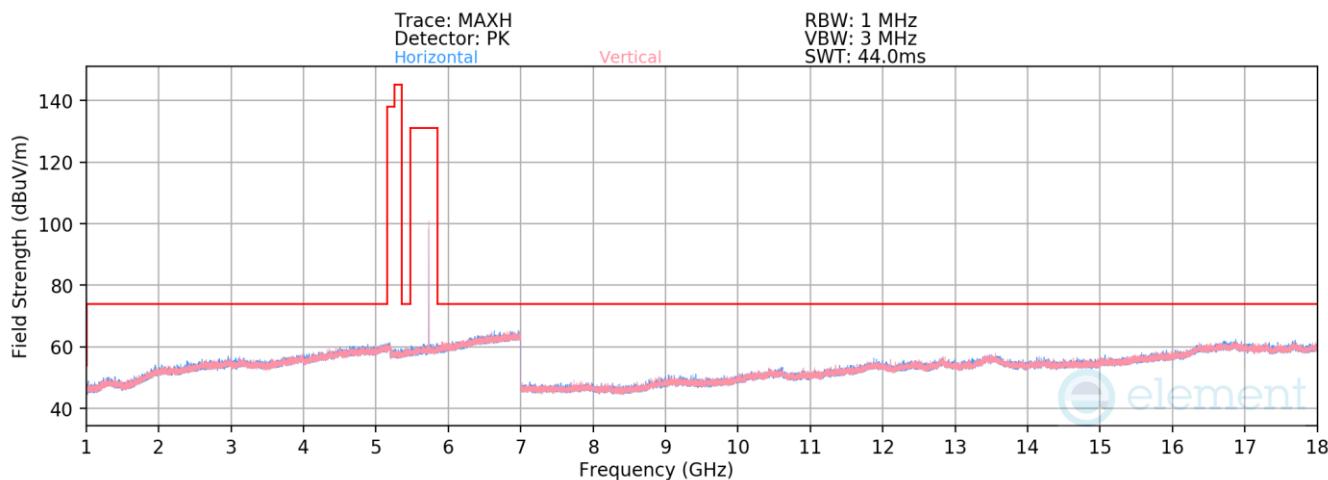

Plot 7-112. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 5245MHz)

Mode: HDRp4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5245MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10490.00	Peak	-	-	-	-73.68	17.93	51.25	68.23	-16.98
*	Avg	-	-	-	-86.56	25.37	45.82	53.98	-8.16
*	Peak	-	-	-	-74.68	25.37	57.70	73.98	-16.28

Table 7-28. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 97 of 129	



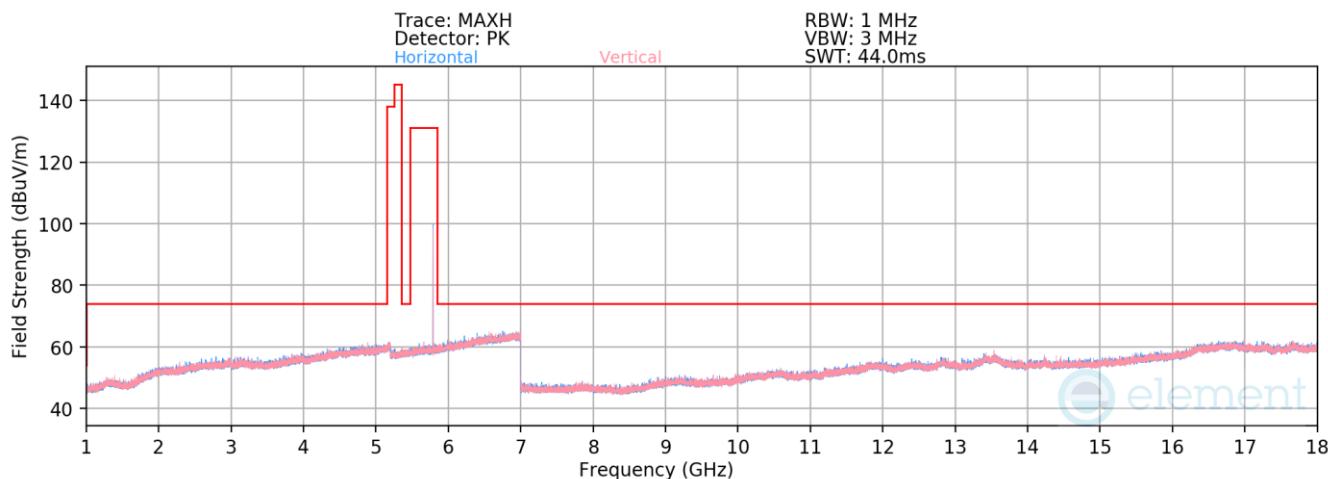
Plot 7-113. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 5731MHz)

Mode: HDRp4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5731MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11462.00	Avg	-	-	-	-84.54	19.11	41.57	53.98	-12.41
* 11462.00	Peak	-	-	-	-73.10	19.11	53.01	73.98	-20.97
17193.00	Peak	-	-	-	-73.88	27.73	60.85	68.23	-7.38

Table 7-29. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 98 of 129	



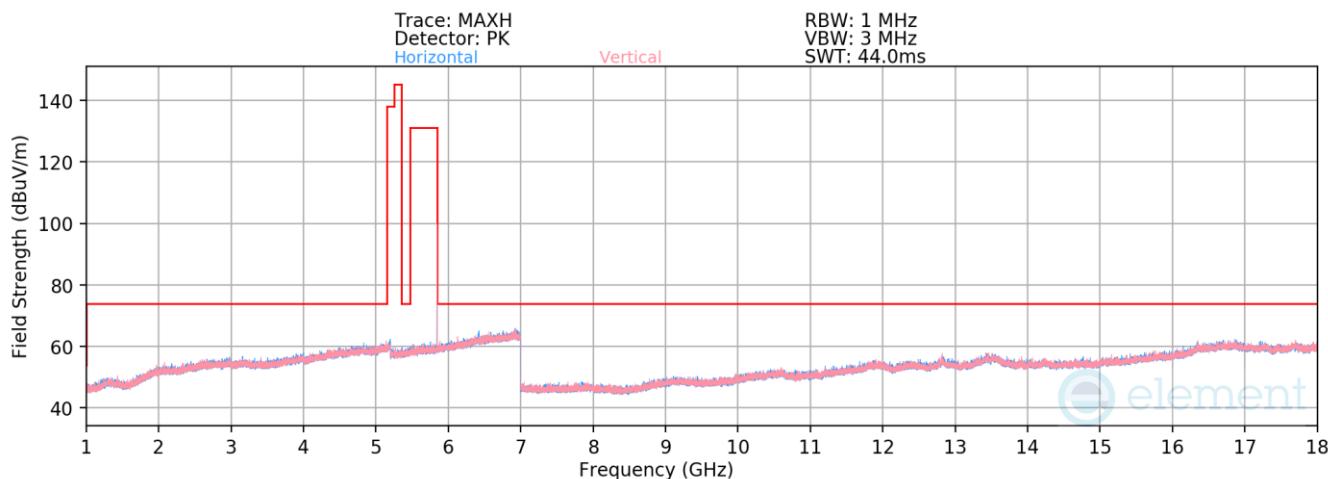
Plot 7-114. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 5788MHz)

Mode: HDRp4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5788MHz

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11576.00	Avg	-	-	-	-84.30	19.37	42.07	53.98	-11.91
* 11576.00	Peak	-	-	-	-72.93	19.37	53.44	73.98	-20.54
17364.00	Peak	-	-	-	-72.93	27.55	61.62	68.23	-6.61

Table 7-30. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 element MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 99 of 129	



Plot 7-115. Radiated Spurious Emissions 1-18GHz (NB UNII HDRp4 – 5844MHz)

Mode: HDRp4
 Data Rate: 4Mbps
 Distance of Measurements: 3 Meters
 Operating Frequency: 5844MHz

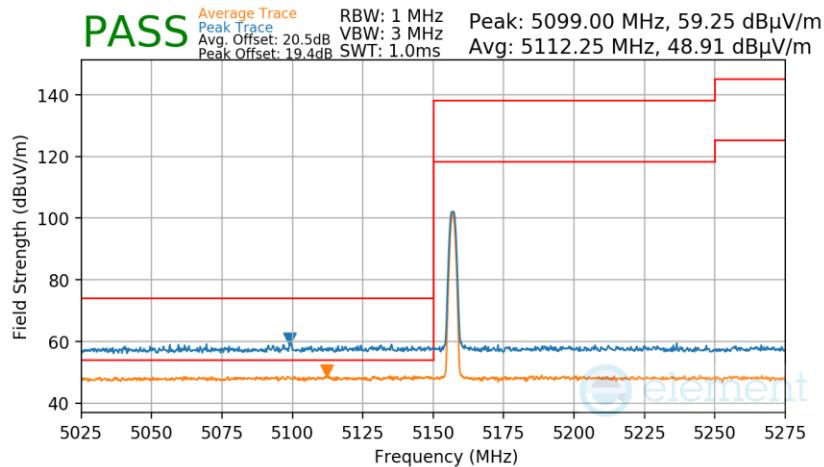
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
* 11688.00	Avg	-	-	-	-84.24	19.84	42.59	53.98	-11.39
* 11688.00	Peak	-	-	-	-72.62	19.84	54.22	73.98	-19.76
17532.00	Peak	V	282	5	-73.95	27.91	60.96	68.23	-7.27

Table 7-31. Radiated Spurious Emissions Measurements

FCC ID: BCG-A3063	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 100 of 129	

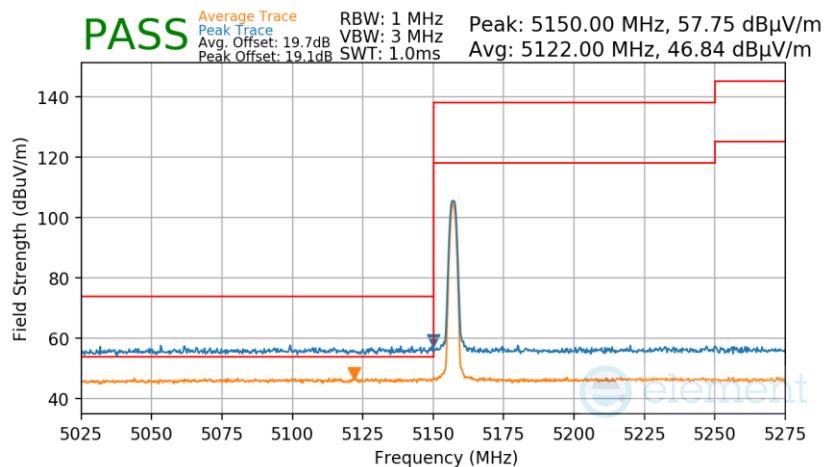
7.6.2 Radiated Band Edge Measurements

Mode: BDR
 Measurement Distance: 3 Meters
 Operating Frequency: 5157MHz



Plot 7-116. Radiated Lower Band Edge Measurement

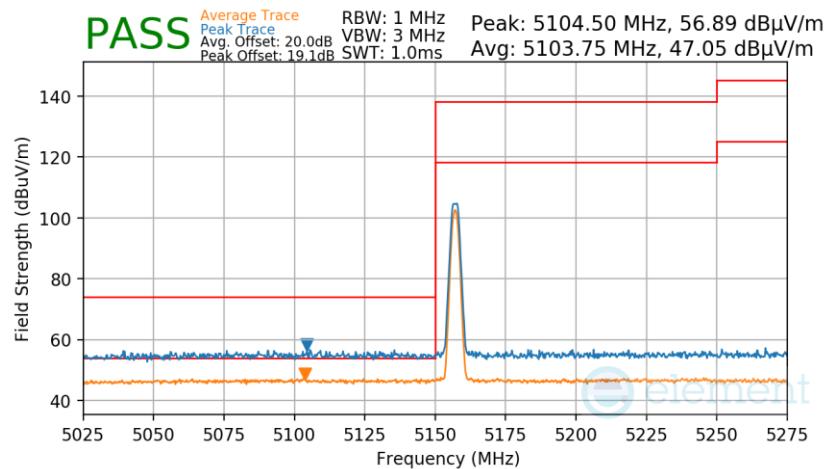
Mode: LE1M
 Measurement Distance: 3 Meters
 Operating Frequency: 5157MHz



Plot 7-117. Radiated Lower Band Edge Measurement

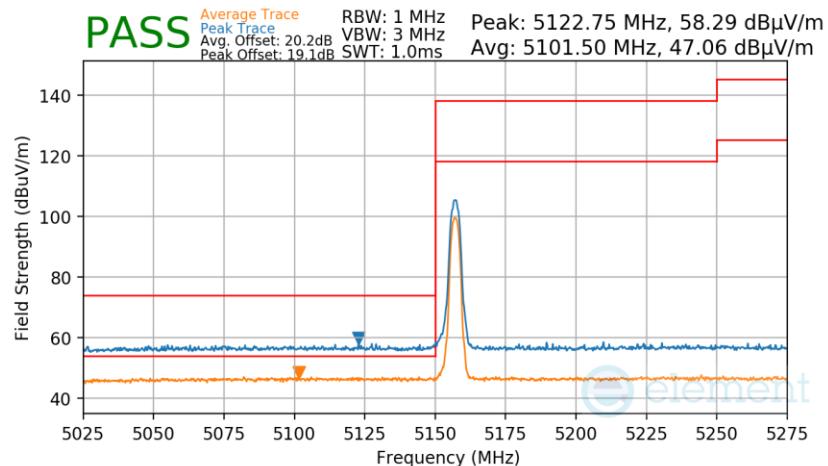
FCC ID: BCG-A3063	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud		Page 101 of 129

Mode: LE2M
 Measurement Distance: 3 Meters
 Operating Frequency: 5157MHz



Plot 7-118. Radiated Lower Band Edge Measurement

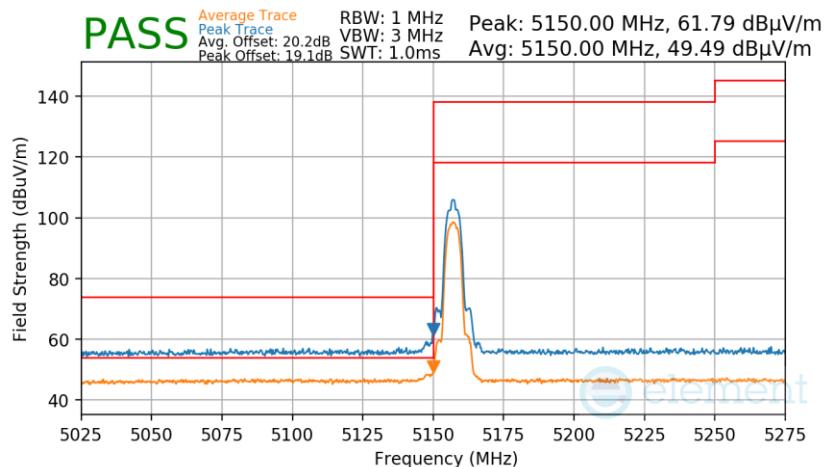
Mode: HDR4
 Measurement Distance: 3 Meters
 Operating Frequency: 5157MHz



Plot 7-119. Radiated Lower Band Edge Measurement

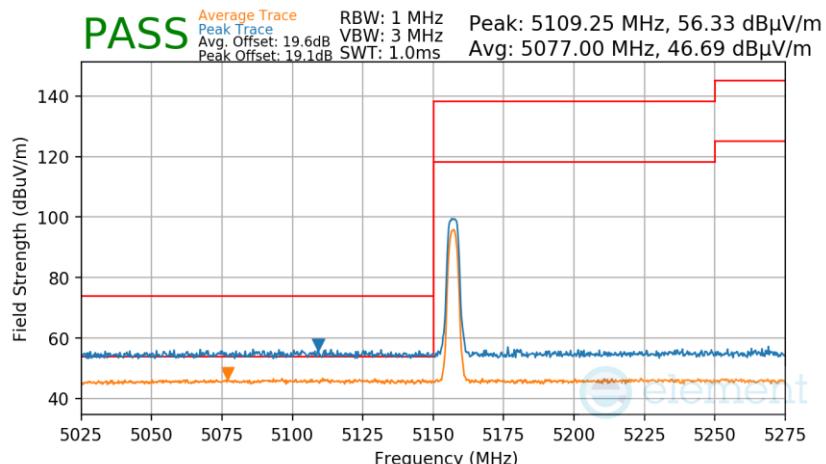
FCC ID: BCG-A3063	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud		Page 102 of 129

Mode: HDR8
 Measurement Distance: 3 Meters
 Operating Frequency: 5157MHz



Plot 7-120. Radiated Lower Band Edge Measurement

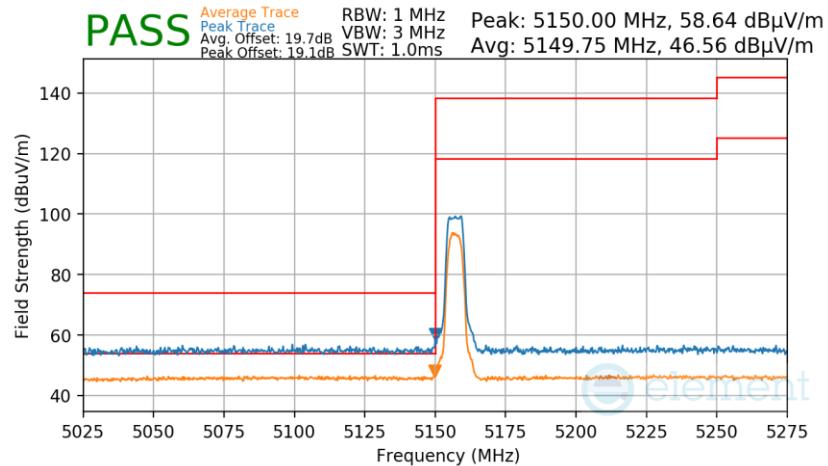
Mode: HDRp4
 Measurement Distance: 3 Meters
 Operating Frequency: 5157MHz



Plot 7-121. Radiated Lower Band Edge Measurement

FCC ID: BCG-A3063	 element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud		Page 103 of 129

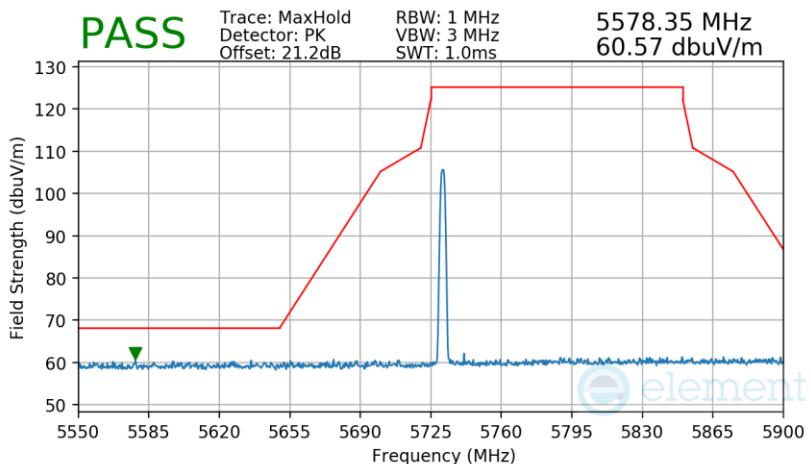
Mode: HDRp8
 Measurement Distance: 3 Meters
 Operating Frequency: 5157MHz



Plot 7-122. Radiated Lower Band Edge Measurement

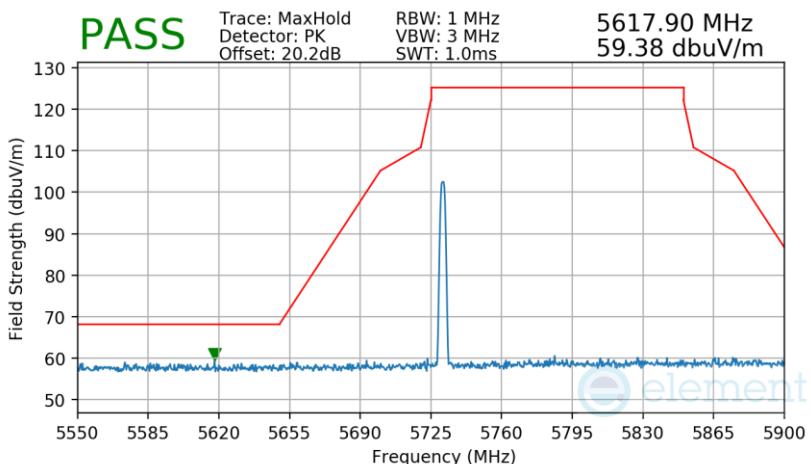
FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 104 of 129	

Mode: BDR
 Measurement Distance: 3 Meters
 Operating Frequency: 5731MHz



Plot 7-123. Radiated Lower Band Edge Measurement

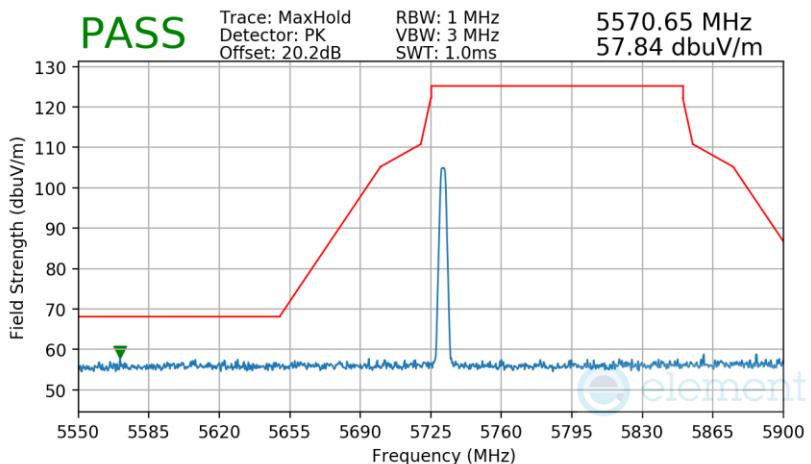
Mode: LE1M
 Measurement Distance: 3 Meters
 Operating Frequency: 5731MHz



Plot 7-124. Radiated Lower Band Edge Measurement

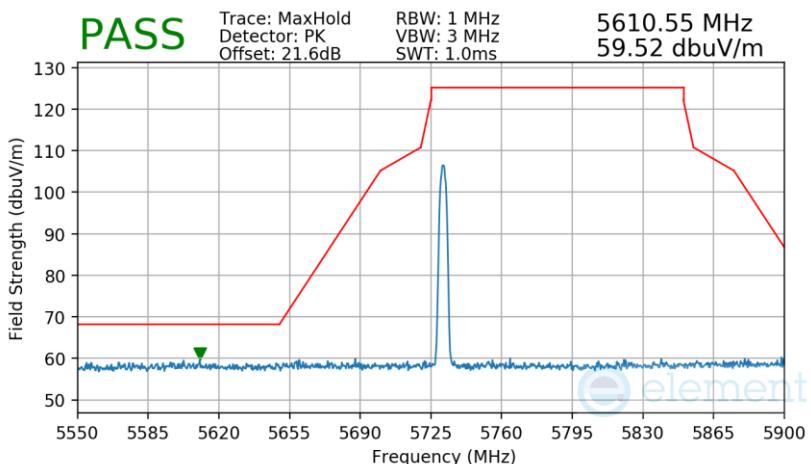
FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 105 of 129

Mode: LE2M
 Measurement Distance: 3 Meters
 Operating Frequency: 5731MHz



Plot 7-125. Radiated Lower Band Edge Measurement

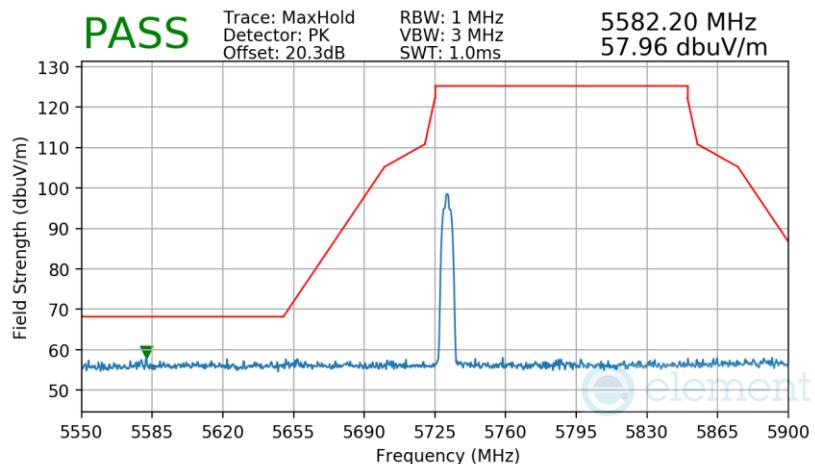
Mode: HDR4
 Measurement Distance: 3 Meters
 Operating Frequency: 5731MHz



Plot 7-126. Radiated Lower Band Edge Measurement

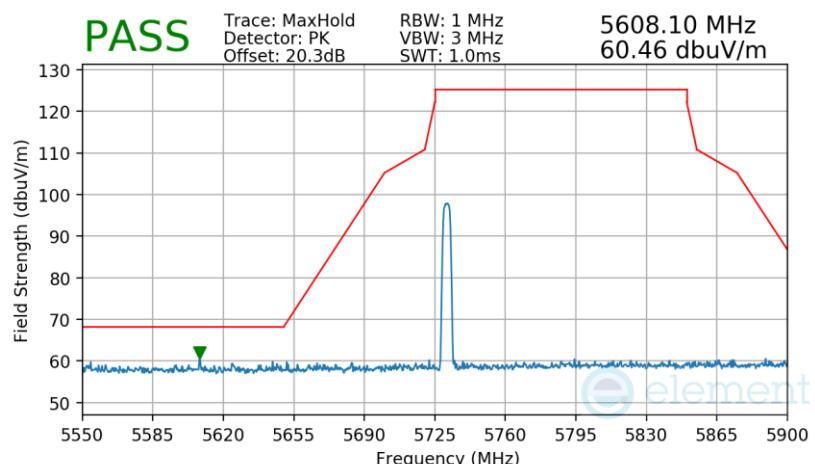
FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 106 of 129

Mode: HDR8
 Measurement Distance: 3 Meters
 Operating Frequency: 5731MHz



Plot 7-127. Radiated Lower Band Edge Measurement

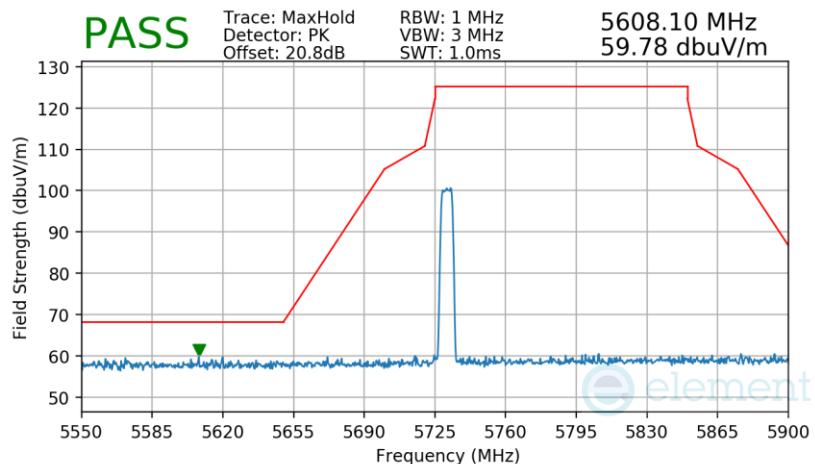
Mode: HDRp4
 Measurement Distance: 3 Meters
 Operating Frequency: 5731MHz



Plot 7-128. Radiated Lower Band Edge Measurement

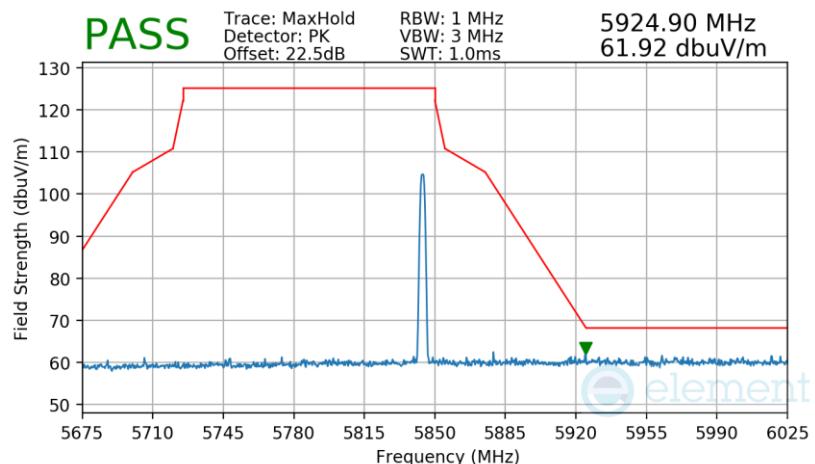
FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 107 of 129	

Mode: HDRp8
 Measurement Distance: 3 Meters
 Operating Frequency: 5731MHz



Plot 7-129. Radiated Lower Band Edge Measurement

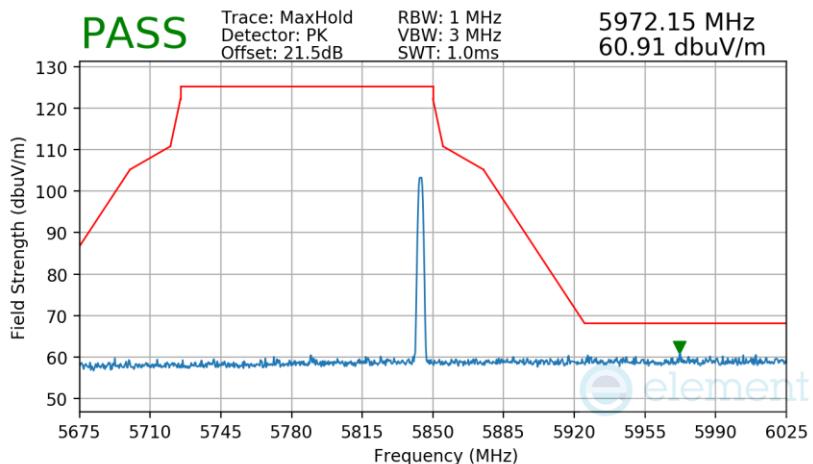
Mode: BDR
 Measurement Distance: 3 Meters
 Operating Frequency: 5844MHz



Plot 7-130. Radiated Upper Band Edge Measurement

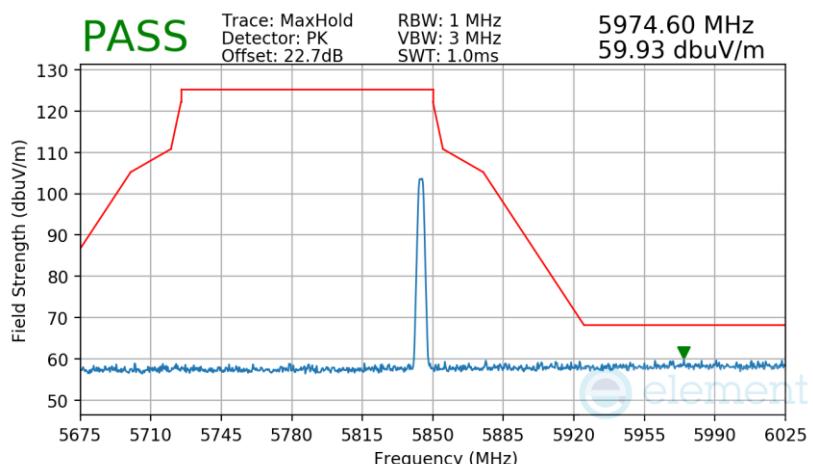
FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 108 of 129	

Mode: LE1M
 Measurement Distance: 3 Meters
 Operating Frequency: 5844MHz



Plot 7-131. Radiated Upper Band Edge Measurement

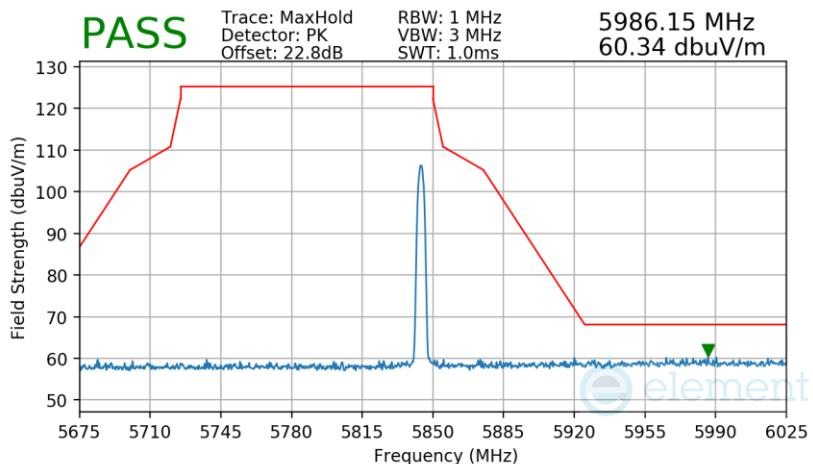
Mode: LE2M
 Measurement Distance: 3 Meters
 Operating Frequency: 5844MHz



Plot 7-132. Radiated Upper Band Edge Measurement

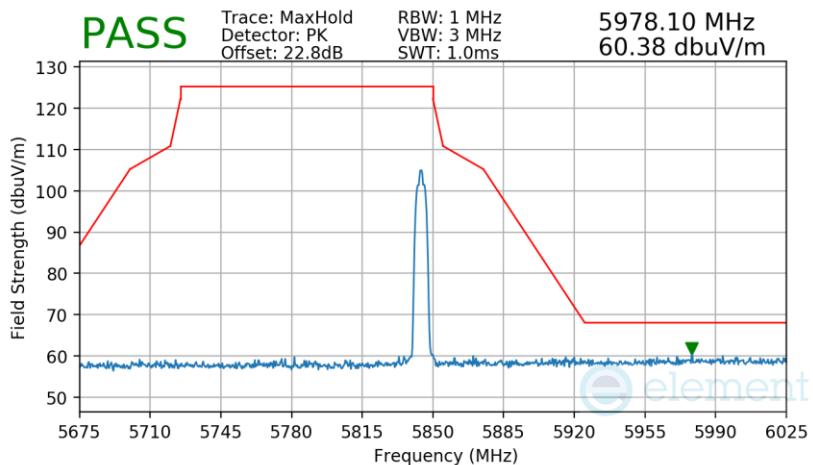
FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 109 of 129

Mode: HDR4
 Measurement Distance: 3 Meters
 Operating Frequency: 5844MHz



Plot 7-133. Radiated Upper Band Edge Measurement

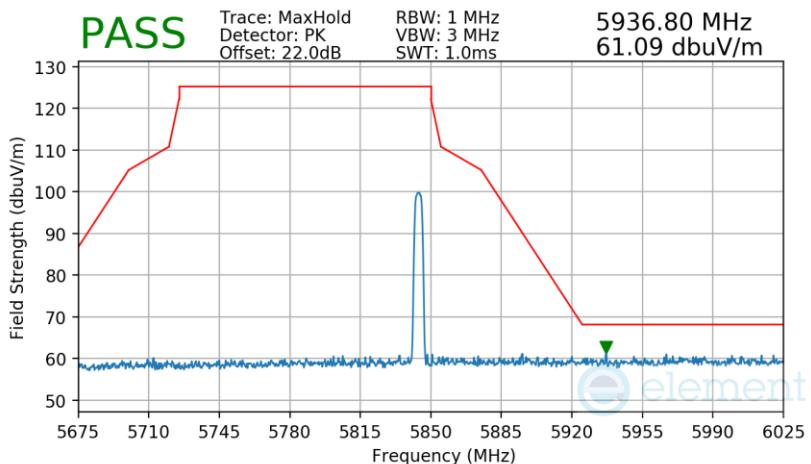
Mode: HDR8
 Measurement Distance: 3 Meters
 Operating Frequency: 5844MHz



Plot 7-134. Radiated Upper Band Edge Measurement

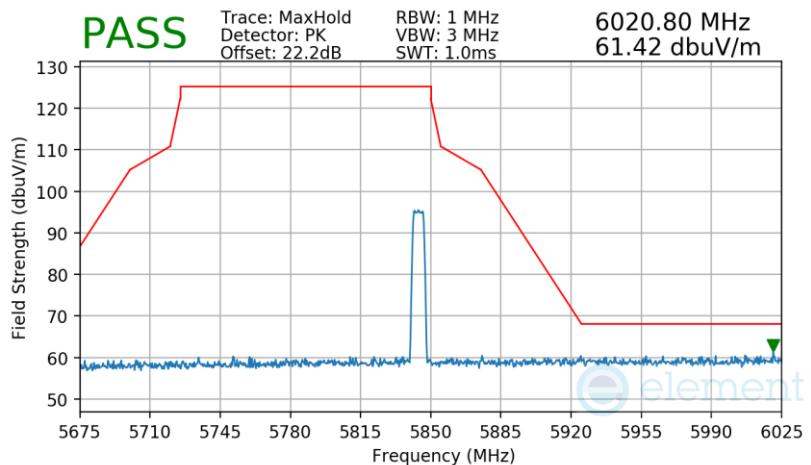
FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 110 of 129	

Mode: HDRp4
 Measurement Distance: 3 Meters
 Operating Frequency: 5844MHz



Plot 7-135. Radiated Upper Band Edge Measurement

Mode: HDRp8
 Measurement Distance: 3 Meters
 Operating Frequency: 5844MHz



Plot 7-136. Radiated Upper Band Edge Measurement

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 111 of 129	

7.7 Radiated Spurious Emissions – Below 1GHz

§15.209

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 7-32 per Section 15.209.

Frequency	Field Strength [μ 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 7-32. Radiated Limits

Test Procedures Used

ANSI C63.10-2020

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-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 112 of 129

Test Setup

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

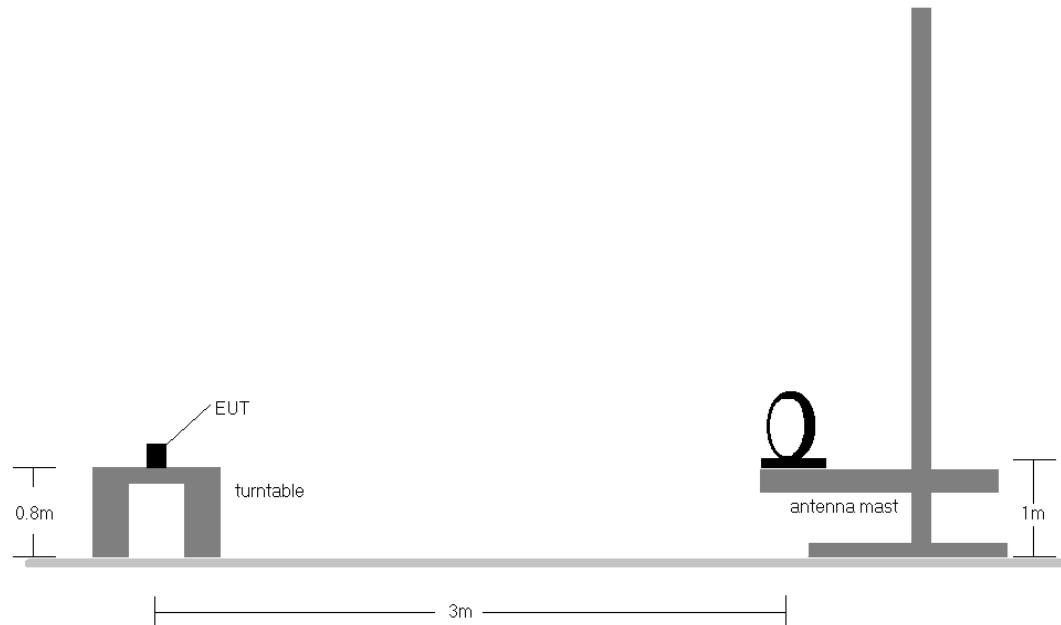


Figure 7-6. Radiated Test Setup < 30MHz

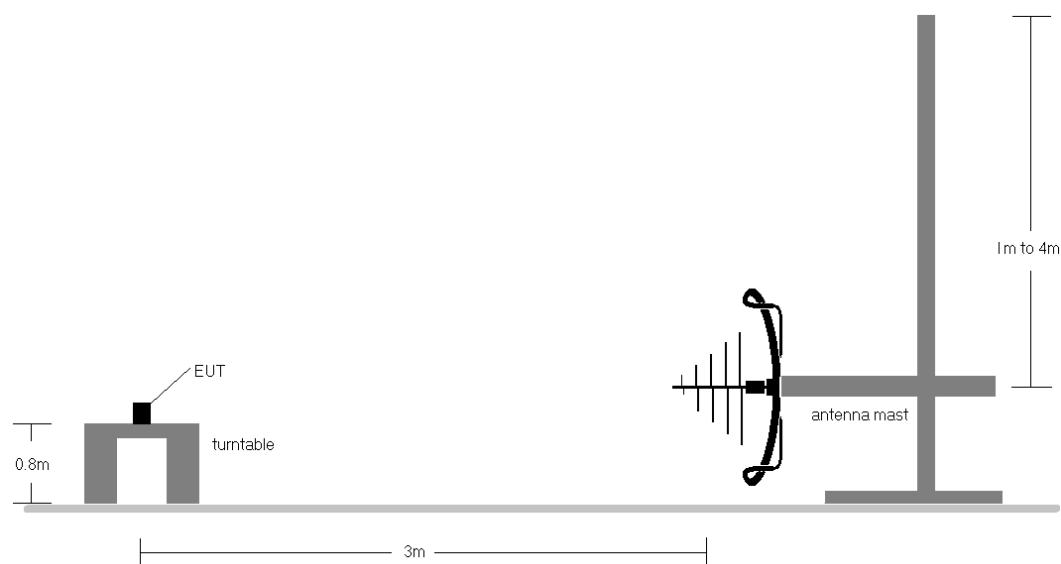


Figure 7-7. Radiated Test Setup < 1GHz

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 113 of 129

Test Notes

1. All emissions lying in restricted bands specified in §15.205 are below the limit shown in Table 7-32.
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 is 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 modulations 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

Sample Calculations

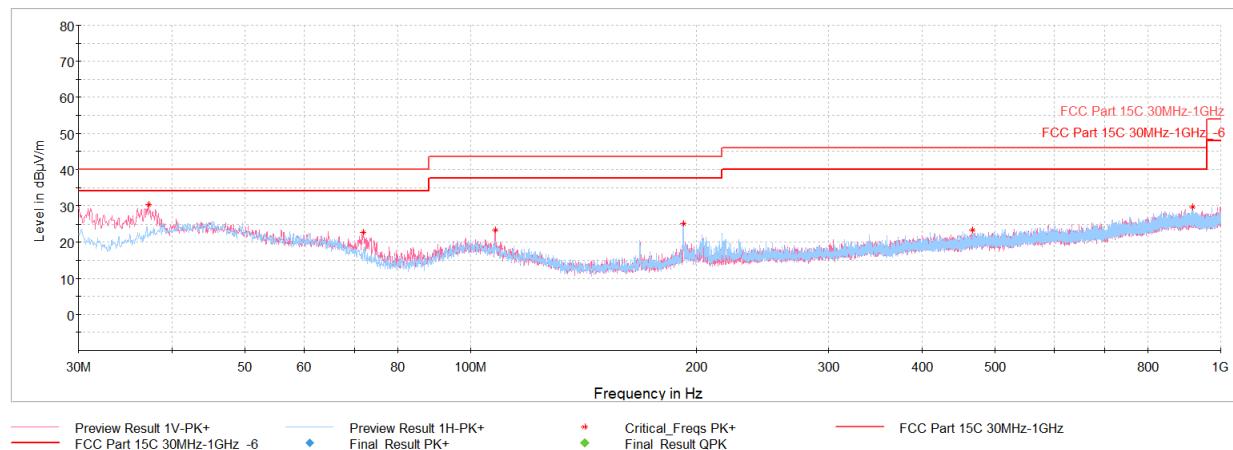
Determining Spurious Emissions Levels

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

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 114 of 129

Radiated Spurious Emissions (Below 1GHz)

§15.209

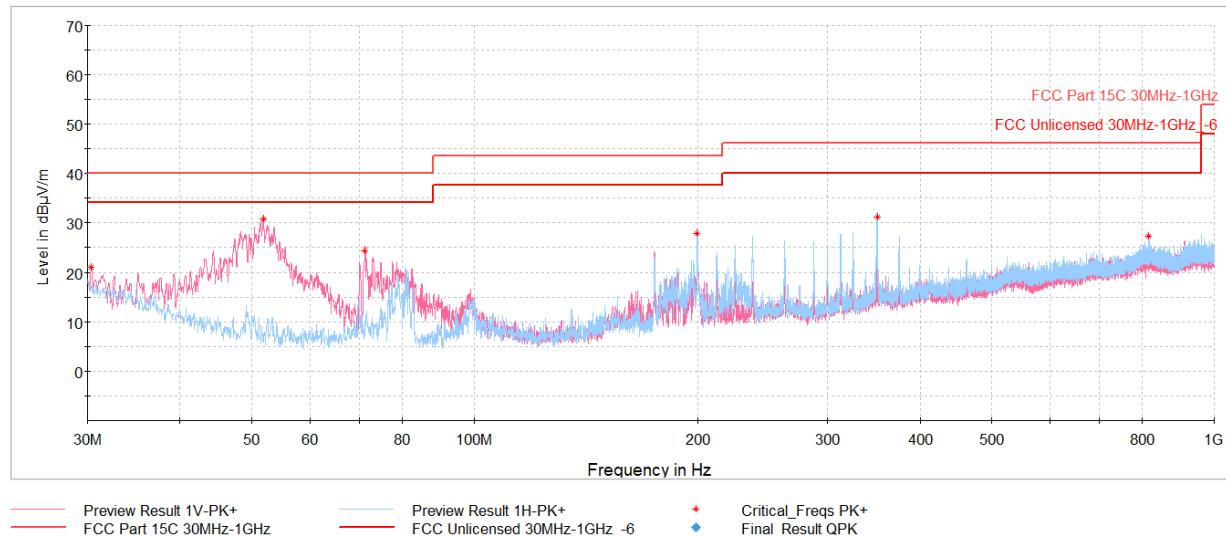


Plot 7-137. Radiated Spurious Emissions Below 1GHz (NB UNII BDR – 5245MHz), with AC/DC adaptor to USB-C cable with wire charger

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]
37.23	MaxPeak	V	100	15	-59.99	-16.75	30.26	40.00	-9.74
72.05	MaxPeak	V	100	145	-64.37	-19.82	22.81	40.00	-17.19
107.89	MaxPeak	V	100	50	-66.94	-16.62	23.44	43.52	-20.08
191.89	MaxPeak	H	100	10	-65.44	-16.31	25.25	43.52	-18.27
466.99	MaxPeak	V	100	226	-74.22	-9.30	23.48	46.02	-22.54
916.92	MaxPeak	H	100	261	-75.96	-1.44	29.60	46.02	-16.42

Table 7-33. Radiated Spurious Emissions Below 1GHz (NB UNII BDR – 5245MHz), with AC/DC adaptor to USB-C cable with wire charger

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			

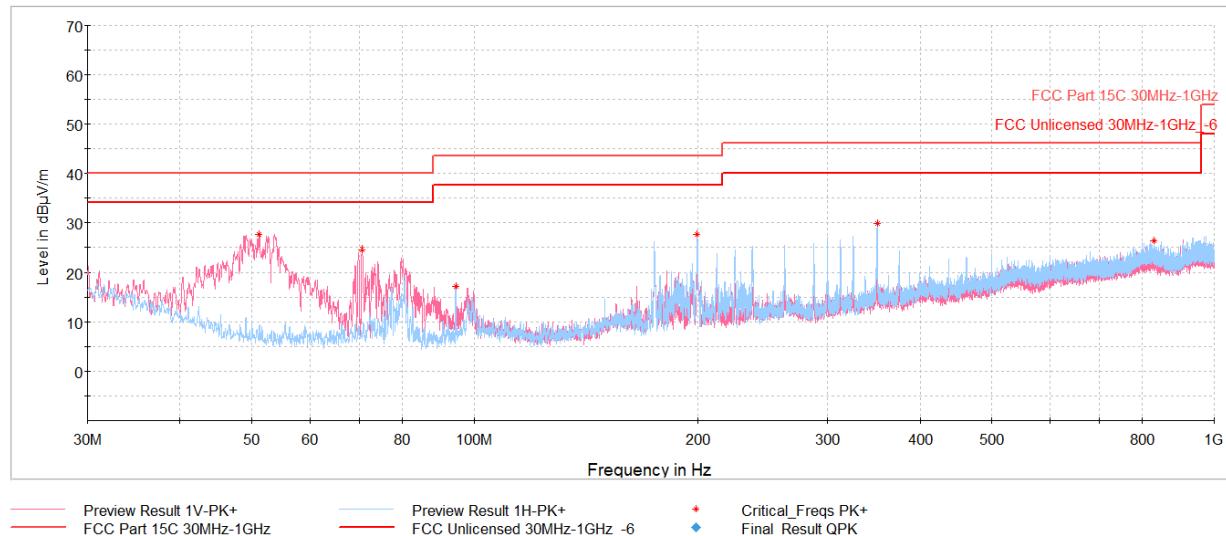


Plot 7-138. Radiated Spurious Emissions Below 1GHz (NB UNII LE1M – 5844MHz), with AC/DC adaptor to USB-C cable with wire charger

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]
30.34	MaxPeak	V	100	214	-70.95	-15.02	21.03	40.00	-18.97
51.87	MaxPeak	V	100	89	-53.49	-22.84	30.67	40.00	-9.33
71.23	MaxPeak	V	200	0	-59.35	-23.13	24.52	40.00	-15.48
199.80	MaxPeak	H	200	250	-61.27	-17.90	27.83	43.52	-15.69
349.96	MaxPeak	H	100	123	-63.21	-12.73	31.06	46.02	-14.96
814.97	MaxPeak	H	200	145	-76.38	-3.36	27.26	46.02	-18.76

Table 7-34. Radiated Spurious Emissions Below 1GHz (NB UNII LE1M – 5844MHz), with AC/DC adaptor to USB-C cable with wire charger

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			



Plot 7-139. Radiated Spurious Emissions Below 1GHz (NB UNII HDR4 – 5245MHz), with AC/DC adaptor to USB-C cable with wire charger

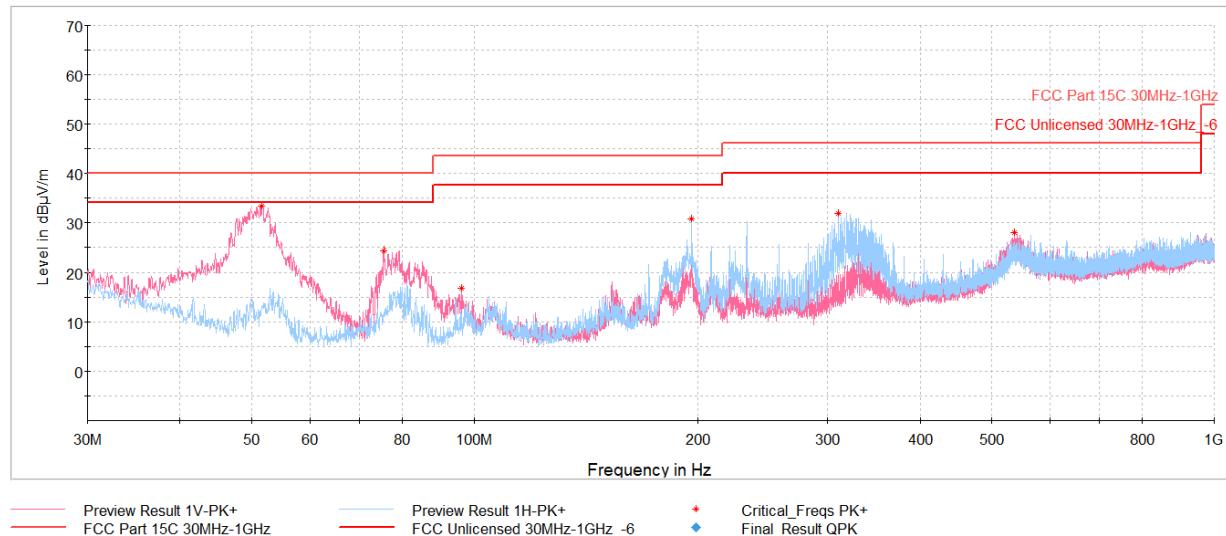
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
51.24	MaxPeak	V	100	112	-56.28	-23.04	27.68	40.00	-12.32
70.55	MaxPeak	V	100	1	-59.35	-23.06	24.59	40.00	-15.41
94.46	MaxPeak	H	200	301	-67.73	-21.96	17.31	43.52	-26.21
199.85	MaxPeak	V	100	329	-61.66	-17.80	27.54	43.52	-15.98
350.00	MaxPeak	H	100	255	-64.50	-12.73	29.77	46.02	-16.25
829.57	MaxPeak	H	100	347	-76.99	-3.64	26.37	46.02	-19.65

Table 7-35. Radiated Spurious Emissions Below 1GHz (NB UNII HDR4 – 5245MHz), with AC/DC adaptor to USB-C cable with wire charger

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			

V 10.6 10/27/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



Plot 7-140. Radiated Spurious Emissions Below 1GHz (NB UNII HDRp4 – 5201MHz), with AC/DC adaptor to USB-C cable with wire charger

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]
51.68	MaxPeak	V	100	358	-50.69	-22.90	33.41	40.00	-6.59
75.45	MaxPeak	V	100	318	-59.52	-23.10	24.38	40.00	-15.62
96.20	MaxPeak	V	100	3	-68.67	-21.49	16.84	43.52	-26.68
196.45	MaxPeak	H	200	185	-58.02	-18.21	30.77	43.52	-12.75
310.52	MaxPeak	H	100	273	-60.24	-14.85	31.91	46.02	-14.11
536.53	MaxPeak	V	100	133	-70.28	-8.73	27.99	46.02	-18.03

Table 7-36. Radiated Spurious Emissions Below 1GHz (NB UNII HDRp4 – 5201MHz), with AC/DC adaptor to USB-C cable with wire charger

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			

7.8 AC Line Conducted Emissions Measurement

§15.207

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

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 7-37. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2020, 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

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 119 of 129

Test Setup

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

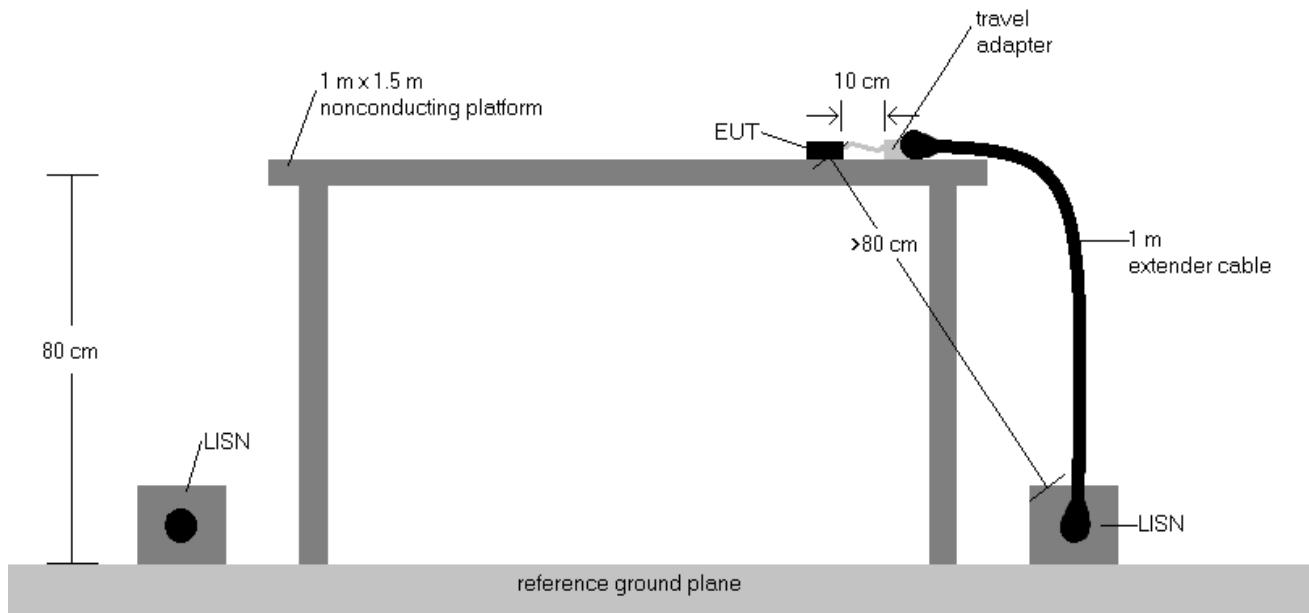
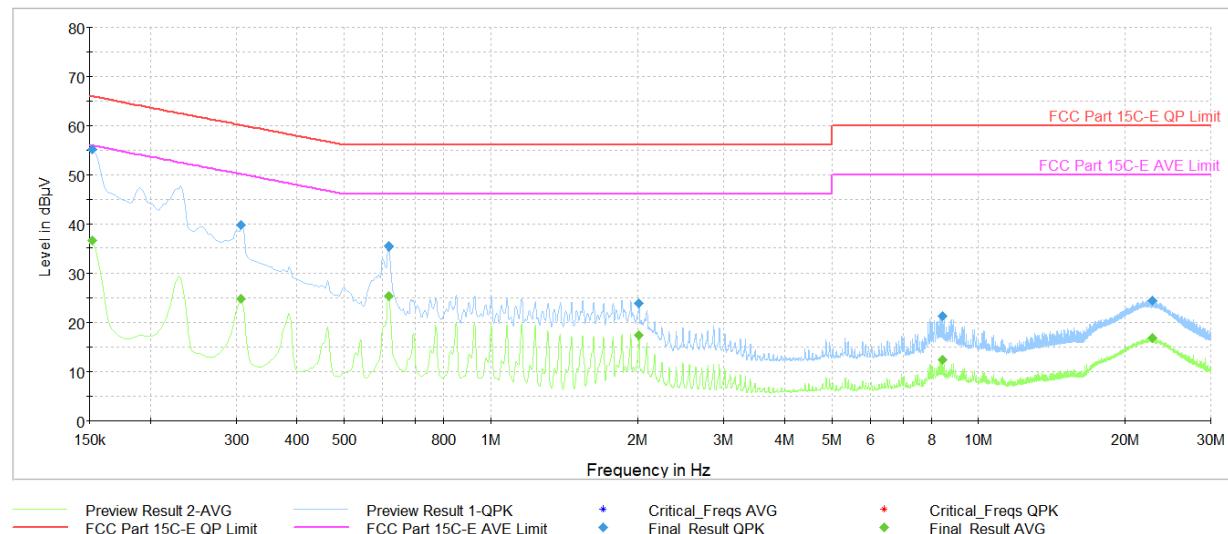


Figure 7-8. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated and the worst-case emissions are reported. 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 are specified in 15.207.
4. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
5. QP/AV Level (dB μ V) = QP/AV Analyzer/Receiver Level (dB μ V) + Correction Factor (dB)
6. Margin (dB) = QP/AV Level (dB μ V) - QP/AV Limit (dB μ V)
7. Traces shown in plots are made using quasi-peak and average detectors.
8. Deviations to the Specifications: None.

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 120 of 129

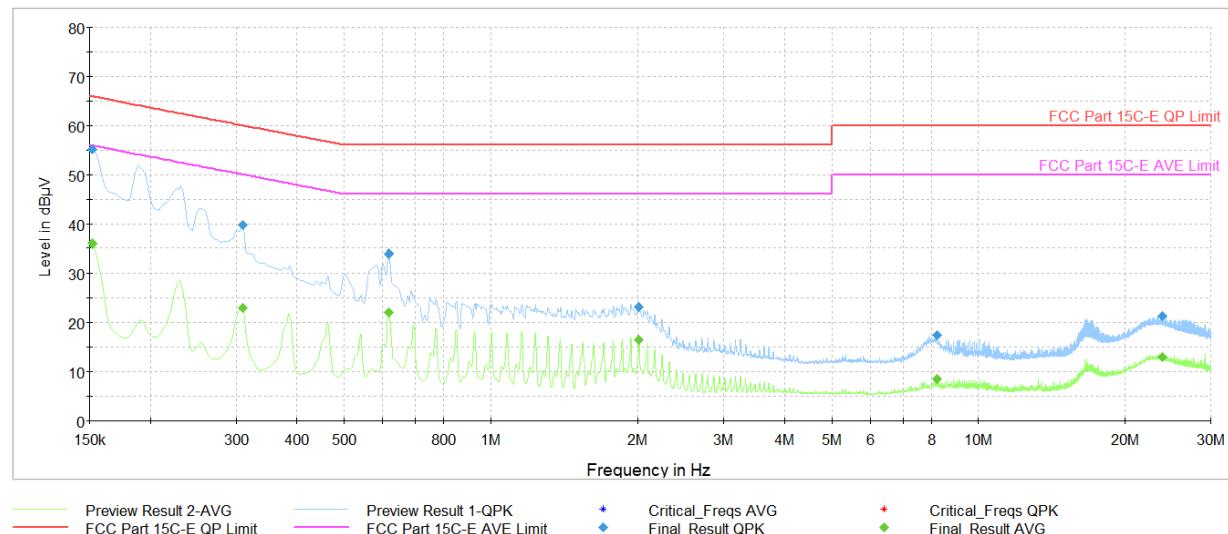


Plot 7-141. AC Line Conducted Plot (NB UNII BDR – 5200MHz) (L1) with Laptop

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.152	FINAL	—	36.51	55.88	-19.37	L1	GND
0.152	FINAL	55.0	—	65.88	-10.84	L1	GND
0.308	FINAL	—	24.81	50.04	-25.22	L1	GND
0.308	FINAL	39.8	—	60.04	-20.26	L1	GND
0.618	FINAL	—	25.34	46.00	-20.66	L1	GND
0.618	FINAL	35.5	—	56.00	-20.54	L1	GND
2.009	FINAL	24.0	—	56.00	-32.03	L1	GND
2.009	FINAL	—	17.38	46.00	-28.62	L1	GND
8.423	FINAL	21.4	—	60.00	-38.59	L1	GND
8.426	FINAL	—	12.50	50.00	-37.50	L1	GND
22.756	FINAL	—	16.83	50.00	-33.17	L1	GND
22.758	FINAL	24.5	—	60.00	-35.49	L1	GND

Table 7-38. AC Line Conducted Data (NB UNII BDR – 5200MHz) (L1) with Laptop

FCC ID: BCG-A3063		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			Page 121 of 129

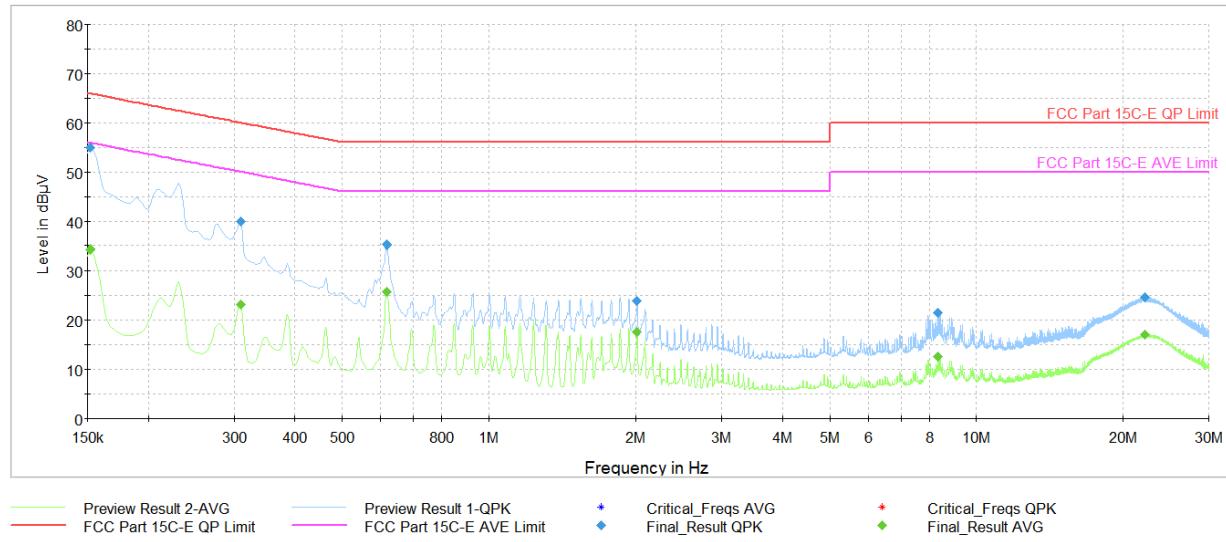


Plot 7-142. AC Line Conducted Plot (NB UNII BDR – 5245MHz) (N) with Laptop

Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.152	FINAL	—	35.97	55.88	-19.90	N	GND
0.152	FINAL	55.0	—	65.88	-10.83	N	GND
0.310	FINAL	—	23.08	49.98	-26.90	N	GND
0.310	FINAL	39.8	—	59.98	-20.20	N	GND
0.618	FINAL	—	22.00	46.00	-24.00	N	GND
0.618	FINAL	34.0	—	56.00	-21.96	N	GND
2.009	FINAL	23.2	—	56.00	-32.84	N	GND
2.009	FINAL	—	16.56	46.00	-29.44	N	GND
8.207	FINAL	17.4	—	60.00	-42.57	N	GND
8.207	FINAL	—	8.53	50.00	-41.47	N	GND
23.861	FINAL	—	13.02	50.00	-36.98	N	GND
23.867	FINAL	21.3	—	60.00	-38.73	N	GND

Table 7-39. AC Line Conducted (NB UNII BDR – 5245MHz) (N) with Laptop

FCC ID: BCG-A3063		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			Page 122 of 129

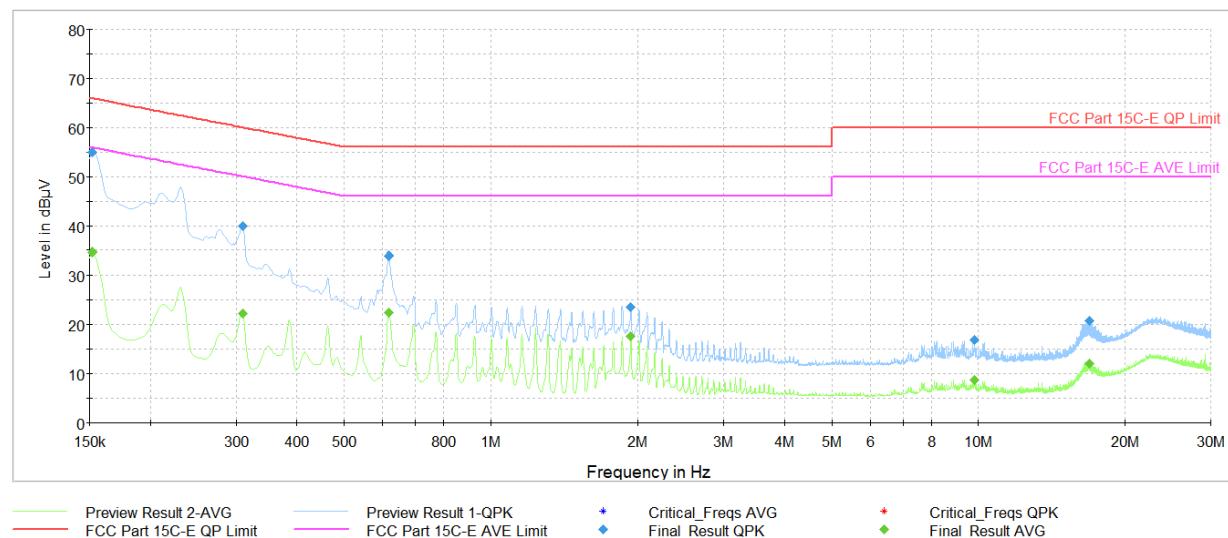


Plot 7-143. AC Line Conducted Plot (NB UNII LE – 5844MHz) (L1) with Laptop

Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.152	FINAL	—	34.25	55.88	-21.62	L1	GND
0.152	FINAL	54.9	—	65.88	-11.01	L1	GND
0.310	FINAL	—	23.19	49.98	-26.79	L1	GND
0.310	FINAL	39.9	—	59.98	-20.06	L1	GND
0.618	FINAL	—	25.84	46.00	-20.16	L1	GND
0.618	FINAL	35.2	—	56.00	-20.79	L1	GND
2.009	FINAL	23.9	—	56.00	-32.11	L1	GND
2.009	FINAL	—	17.66	46.00	-28.34	L1	GND
8.340	FINAL	21.6	—	60.00	-38.38	L1	GND
8.345	FINAL	—	12.57	50.00	-37.43	L1	GND
22.220	FINAL	24.6	—	60.00	-35.40	L1	GND
22.225	FINAL	—	17.09	50.00	-32.91	L1	GND

Table 7-40. AC Line Conducted Data (NB UNII LE – 5844MHz) (L1) with Laptop

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			

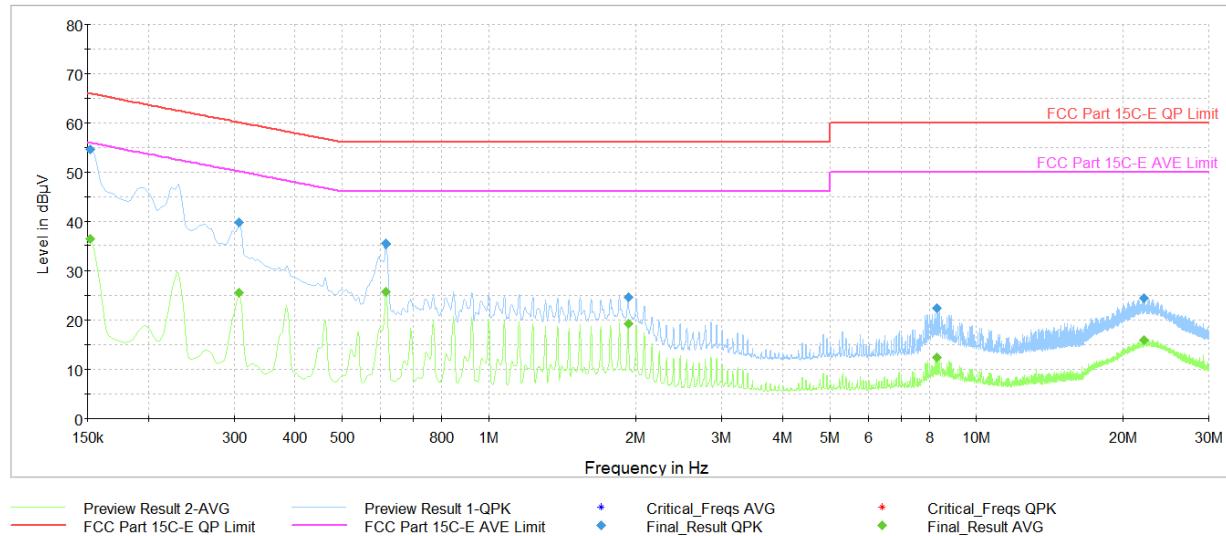


Plot 7-144. AC Line Conducted Plot (NB UNII LE – 5844MHz) (N) with Laptop

Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.152	FINAL	—	34.71	55.88	-21.17	N	GND
0.152	FINAL	55.0	—	65.88	-10.88	N	GND
0.310	FINAL	—	22.35	49.98	-27.63	N	GND
0.310	FINAL	40.0	—	59.98	-20.00	N	GND
0.618	FINAL	—	22.54	46.00	-23.46	N	GND
0.618	FINAL	33.9	—	56.00	-22.08	N	GND
1.932	FINAL	23.6	—	56.00	-32.45	N	GND
1.932	FINAL	—	17.55	46.00	-28.45	N	GND
9.809	FINAL	16.9	—	60.00	-43.15	N	GND
9.809	FINAL	—	8.71	50.00	-41.29	N	GND
16.913	FINAL	—	12.05	50.00	-37.95	N	GND
16.915	FINAL	20.7	—	60.00	-39.29	N	GND

Table 7-41. AC Line Conducted (NB UNII LE – 5844MHz) (N) with Laptop

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			

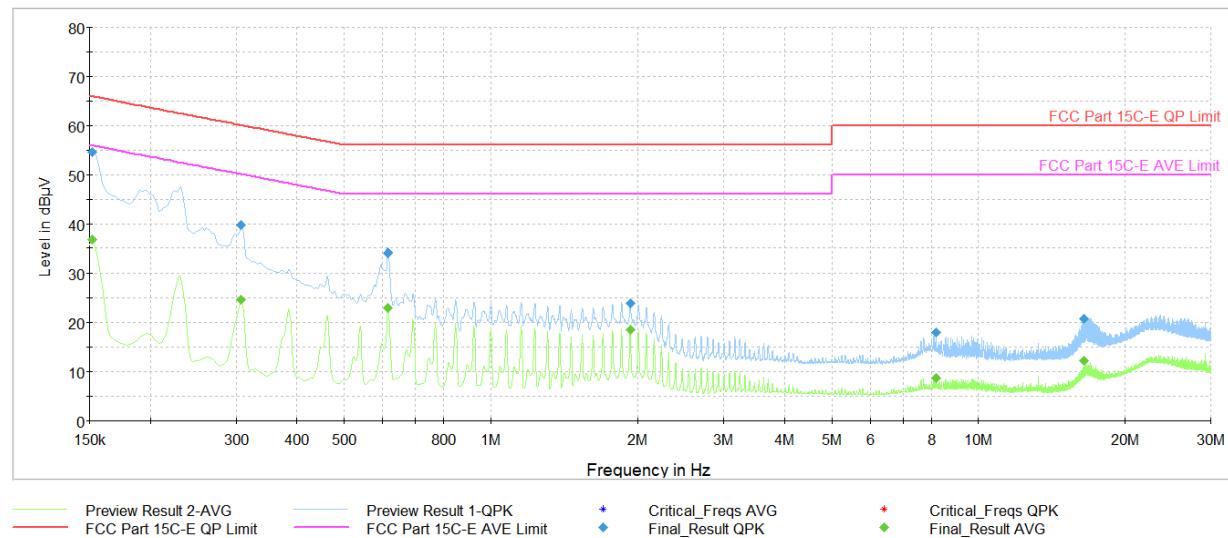


Plot 7-145. AC Line Conducted Plot (NB UNII HDR4 – 5245MHz) (L1) with Laptop

Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.152	FINAL	—	36.38	55.88	-19.49	L1	GND
0.152	FINAL	54.6	—	65.88	-11.26	L1	GND
0.308	FINAL	—	25.55	50.04	-24.49	L1	GND
0.308	FINAL	39.8	—	60.04	-20.25	L1	GND
0.616	FINAL	—	25.79	46.00	-20.21	L1	GND
0.616	FINAL	35.4	—	56.00	-20.59	L1	GND
1.925	FINAL	24.7	—	56.00	-31.31	L1	GND
1.925	FINAL	—	19.38	46.00	-26.62	L1	GND
8.306	FINAL	22.5	—	60.00	-37.46	L1	GND
8.309	FINAL	—	12.38	50.00	-37.62	L1	GND
22.070	FINAL	—	16.00	50.00	-34.00	L1	GND
22.072	FINAL	24.5	—	60.00	-35.52	L1	GND

Table 7-42. AC Line Conducted Data (NB UNII HDR4 – 5245MHz) (L1) with Laptop

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			

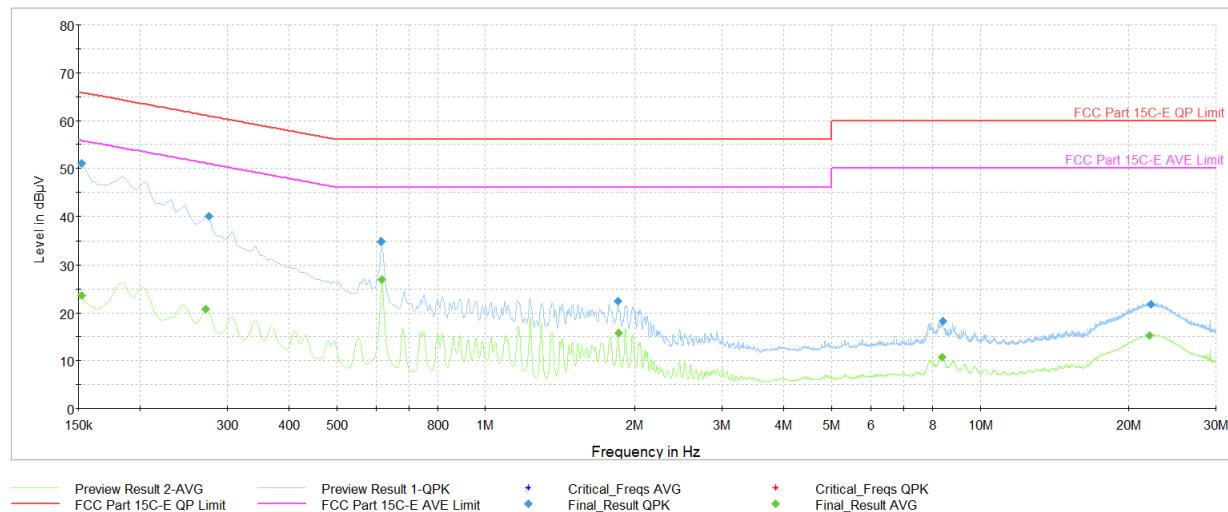


Plot 7-146. AC Line Conducted Plot (NB UNII HDR4 – 5245MHz) (N) with Laptop

Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.152	FINAL	—	36.67	55.88	-19.20	N	GND
0.152	FINAL	54.7	—	65.88	-11.22	N	GND
0.308	FINAL	—	24.76	50.04	-25.28	N	GND
0.308	FINAL	39.7	—	60.04	-20.31	N	GND
0.616	FINAL	34.1	—	56.00	-21.89	N	GND
0.616	FINAL	—	22.94	46.00	-23.06	N	GND
1.928	FINAL	23.9	—	56.00	-32.06	N	GND
1.928	FINAL	—	18.57	46.00	-27.43	N	GND
8.180	FINAL	—	8.69	50.00	-41.31	N	GND
8.185	FINAL	18.1	—	60.00	-41.91	N	GND
16.496	FINAL	—	12.28	50.00	-37.72	N	GND
16.499	FINAL	20.8	—	60.00	-39.20	N	GND

Table 7-43. AC Line Conducted (NB UNII HDR4 – 5245MHz) (N) with Laptop

FCC ID: BCG-A3063		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			Page 126 of 129

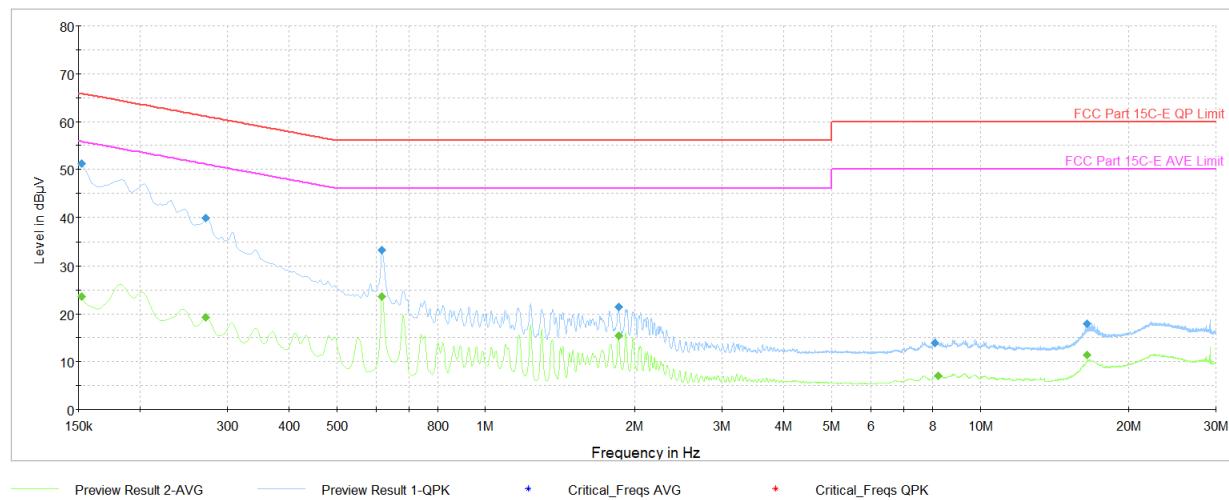


Plot 7-147. AC Line Conducted Plot (NB UNII HDRp4 – 5200MHz) (L1) with AC/DC adaptor to USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.152	FINAL	—	23.58	55.88	-32.30	L1	GND
0.152	FINAL	51.1	—	65.88	-14.75	L1	GND
0.272	FINAL	—	20.79	51.07	-30.28	L1	GND
0.276	FINAL	40.0	—	60.94	-20.96	L1	GND
0.616	FINAL	34.8	—	56.00	-21.24	L1	GND
0.618	FINAL	—	26.90	46.00	-19.10	L1	GND
1.849	FINAL	22.5	—	56.00	-33.54	L1	GND
1.853	FINAL	—	15.78	46.00	-30.22	L1	GND
8.385	FINAL	—	10.77	50.00	-39.23	L1	GND
8.410	FINAL	18.3	—	60.00	-41.74	L1	GND
22.038	FINAL	—	15.29	50.00	-34.71	L1	GND
22.171	FINAL	21.8	—	60.00	-38.23	L1	GND

Table 7-44. AC Line Conducted Data (NB UNII HDRp4 – 5200MHz) (L1) with AC/DC adaptor to USB-C cable with wire charger

FCC ID: BCG-A3063		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			



Plot 7-148. AC Line Conducted Plot (NB UNII HDRp4 – 5200MHz) (N) with AC/DC adaptor to USB-C cable with wire charger

Frequency [MHz]	Process State	QuasiPeak [dB μ V]	Average [dB μ V]	Limit [dB μ V]	Margin [dB]	Line	PE
0.152	FINAL	—	23.64	55.88	-32.24	N	GND
0.152	FINAL	51.2	—	65.88	-14.69	N	GND
0.272	FINAL	—	19.26	51.07	-31.81	N	GND
0.272	FINAL	39.8	—	61.07	-21.24	N	GND
0.618	FINAL	—	23.63	46.00	-22.37	N	GND
0.618	FINAL	33.4	—	56.00	-22.65	N	GND
1.853	FINAL	21.4	—	56.00	-34.59	N	GND
1.856	FINAL	—	15.46	46.00	-30.54	N	GND
8.095	FINAL	13.9	—	60.00	-46.11	N	GND
8.205	FINAL	—	7.11	50.00	-42.89	N	GND
16.436	FINAL	—	11.34	50.00	-38.66	N	GND
16.436	FINAL	17.9	—	60.00	-42.13	N	GND

Table 7-45. AC Line Conducted (NB UNII HDRp4 – 5200MHz) (N) with AC/DC adaptor to USB-C cable with wire charger

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud			

V 10.6 10/27/2023

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Wireless Right Earbud** **FCC ID: BCG-A3063** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.

FCC ID: BCG-A3063	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170043-04-R1.BCG	Test Dates: 5/15/2025 - 7/24/2025	EUT Type: Wireless Right Earbud	Page 129 of 129