
FCC Test Report

Report No.: AGC01110240653FR02A

FCC ID : 2A0KB-A3874R
APPLICATION PURPOSE : Class II Permissive Change
PRODUCT DESIGNATION : Wireless Headphone
BRAND NAME : soundcore
MODEL NAME : A3874XR
APPLICANT : Anker Innovations Limited
DATE OF ISSUE : May 30, 2025
STANDARD(S) : FCC Part 15 Subpart C §15.247
REPORT VERSION : V1.0

Attestation Of  (Shenzhen) Co., Ltd



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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	May 30, 2025	Valid	Initial Release

Note: The original test report AGC01110240653FR02 (dated Aug. 09, 2024 and tested from Jul. 18, 2024 to Aug. 09, 2024) was modified on May 30, 2025, including the following changes and additions:

Change the model name.

Changed the hardware version (Its change does not affect the test results.).

Changed software version of device (Its change does not affect the test results.).

The Bluetooth chip has been replaced from WQ7035AX to WQ7035AX-B, which belong to the same series and feature identical Pin-compatibility and RF performance characteristics.

Adding MFI chips and modifying related circuit traces.

The Top layer modifies Buck circuit to improve the interference of inductor L10.

The surface of the earphone is treated with a bright finish, without changing the material.

For the above described change(s) the following tests was considered to be necessary:

Clause	Testing
15.209	Radiated Emission

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1. General Information

Applicant	Anker Innovations Limited
Address	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Manufacturer	Anker Innovations Limited
Address	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Factory	N/A
Address	N/A
Product Designation	Wireless Headphone
Brand Name	soundcore
Test Model	A3874XR
Date of receipt of test item	May 07, 2025
Date of Test	May 07, 2025~ May 30, 2025
Deviation from Standard	No any deviation from the test method
Condition of Test Sample	Normal
Test Result	Pass
Test Report Form No	AGCER-FCC-BLE-V1

Note: The test results of this report relate only to the tested sample identified in this report.

Prepared By		
	_____ CiCi Li (Project Engineer)	May 30, 2025
Reviewed By		
	_____ Bibo Zhang (Reviewer)	May 30, 2025
Approved By		
	_____ Angela Li Authorized Officer	May 30, 2025

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2. Product Information

2.1 Product Technical Description

Frequency Band	2400MHz-2483.5MHz
Operation Frequency Range	2402MHz-2480MHz
Bluetooth Version	V5.4
Modulation Type	BLE <input checked="" type="checkbox"/> GFSK 1Mbps <input checked="" type="checkbox"/> GFSK 2Mbps
Number of channels	40
Carrier Frequency of Each Channel	40 Channels (37 Data channels + 3 advertising channels)
Channel Separation	2 MHz
Maximum Transmitter Power	Bluetooth LE (1Mbps): 4.703dBm Bluetooth LE (2Mbps): 4.690dBm
Hardware Version	V4.1
Software Version	V02.21
Antenna Designation	FPC Antenna
Antenna Gain	-1.80dBi
Power Supply	DC 3.8V, 70mAh by battery

2.2 Test Frequency List

Frequency Band	Channel Number	Frequency
2400~2483.5MHz	0	2402 MHz
	1	2404 MHz
	:	:
	19	2440MHz
	:	:
	38	2478 MHz
	39	2480 MHz

Note: $f = 2402 + 2 \cdot k$ MHz, $k = 0, \dots, 39$ f is the operating frequency (MHz); k is the operating channel.

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2.3 Related Submittal(S) / Grant (S)

This submittal(s) (test report) is intended for FCC ID: **2AOKB-A3874R**, filing to comply with Part 2, Part 15 of the Federal Communication Commission rules.

2.4 Test Methodology

The tests were performed according to following standards:

No.	Identity	Document Title
1	FCC 47 CFR Part 2	Frequency allocations and radio treaty matters; general rules and regulations
2	FCC 47 CFR Part 15	Radio Frequency Devices
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
4	KDB 558074 D01 15.247 Meas Guidance v05r02	Guidance for compliance measurements on Digital Transmission Systems, Frequency Hopping Spread Spectrum system, and Hybrid system devices operating under Section 15.247 of the FCC rules

2.5 Special Accessories

Not available for this EUT intended for grant.

2.6 Equipment Modifications

Not available for this EUT intended for grant.

2.7 Antenna Requirement

Standard Requirement
<p>15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.</p> <p>15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi</p>
<p>EUT Antenna: The non-detachable antenna inside the device cannot be replaced by the user at will. The gain of the antenna is -1.80dBi.</p>

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3. Test Environment

3.1 Address of the Test Laboratory

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to follow CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories).

A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to follow ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files with Registration 975832.

IC-Registration No.: 24842 (CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.

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3.3 Environmental Conditions

	Normal Conditions
Temperature range (°C)	15 - 35
Relative humidity range	20 % - 75 %
Pressure range (kPa)	86 - 106
Power supply	DC 3.8V

3.4 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Item	Measurement Uncertainty
Uncertainty of Conducted Emission for AC Port	$U_c = \pm 2.9$ dB
Uncertainty of Radiated Emission below 1GHz	$U_c = \pm 3.9$ dB
Uncertainty of Radiated Emission above 1GHz	$U_c = \pm 4.9$ dB
Uncertainty of total RF power, conducted	$U_c = \pm 0.8$ dB
Uncertainty of RF power density, conducted	$U_c = \pm 2.6$ dB
Uncertainty of spurious emissions, conducted	$U_c = \pm 2$ %
Uncertainty of Occupied Channel Bandwidth	$U_c = \pm 2$ %

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3.5 List of Equipment Use

● Radiated Spurious Emission							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
<input checked="" type="checkbox"/>	AGC-EM-E046	EMI Test Receiver	R&S	ESCI	10096	2025-01-14	2026-01-13
<input checked="" type="checkbox"/>	AGC-EM-E061	Spectrum Analyzer	Agilent	N9010A	MY53470504	2025-05-08	2026-05-07
<input checked="" type="checkbox"/>	AGC-EM-E086	Loop Antenna	ZHINAN	ZN30900C	18051	2024-03-05	2026-03-04
<input checked="" type="checkbox"/>	AGC-EM-E001	Wideband Antenna	SCHWARZBECK	VULB9168	D69250	2025-03-14	2027-03-13
<input checked="" type="checkbox"/>	AGC-EM-E029	Broadband Ridged Horn Antenna	ETS	3117	00034609	2025-03-27	2026-03-26
<input checked="" type="checkbox"/>	AGC-EM-E082	Horn Antenna	SCHWARZBECK	BBHA 9170	#768	2023-09-24	2025-09-23
<input checked="" type="checkbox"/>	AGC-EM-E146	Pre-amplifier	ETS	3117-PA	00246148	2024-07-24	2026-07-23
<input checked="" type="checkbox"/>	AGC-EM-A119	2.4G Filter	SongYi	N/A	N/A	2025-05-16	2026-05-15
<input checked="" type="checkbox"/>	AGC-EM-A138	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2025-06-08
<input type="checkbox"/>	AGC-EM-A139	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2025-06-08

● Test Software					
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Version Information
<input checked="" type="checkbox"/>	AGC-EM-S003	RE Test System	FARA	EZ-EMC	VRA-03A
<input checked="" type="checkbox"/>	AGC-EM-S011	RSE Test System	Tonscend	TS+-Ver2.1(JS36-RSE)	4.0.0.0

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4. System Test Configuration

4.1 EUT Configuration

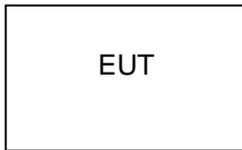
The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

4.2 EUT Exercise

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

4.3 Configuration of Tested System

Radiated Emission Configure:



4.4 Equipment Used In Tested System

The following peripheral devices and interface cables were connected during the measurement:

- Test Accessories Come From The Laboratory
- Test Accessories Come From The Manufacturer

No.	Equipment	Manufacturer	Model No.	Specification Information	Cable
1	--	--	--	--	--

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4.5 Summary of Test Results

Item	FCC Rules	Description of Test	Result
1	§15.209	Radiated Emission	Pass

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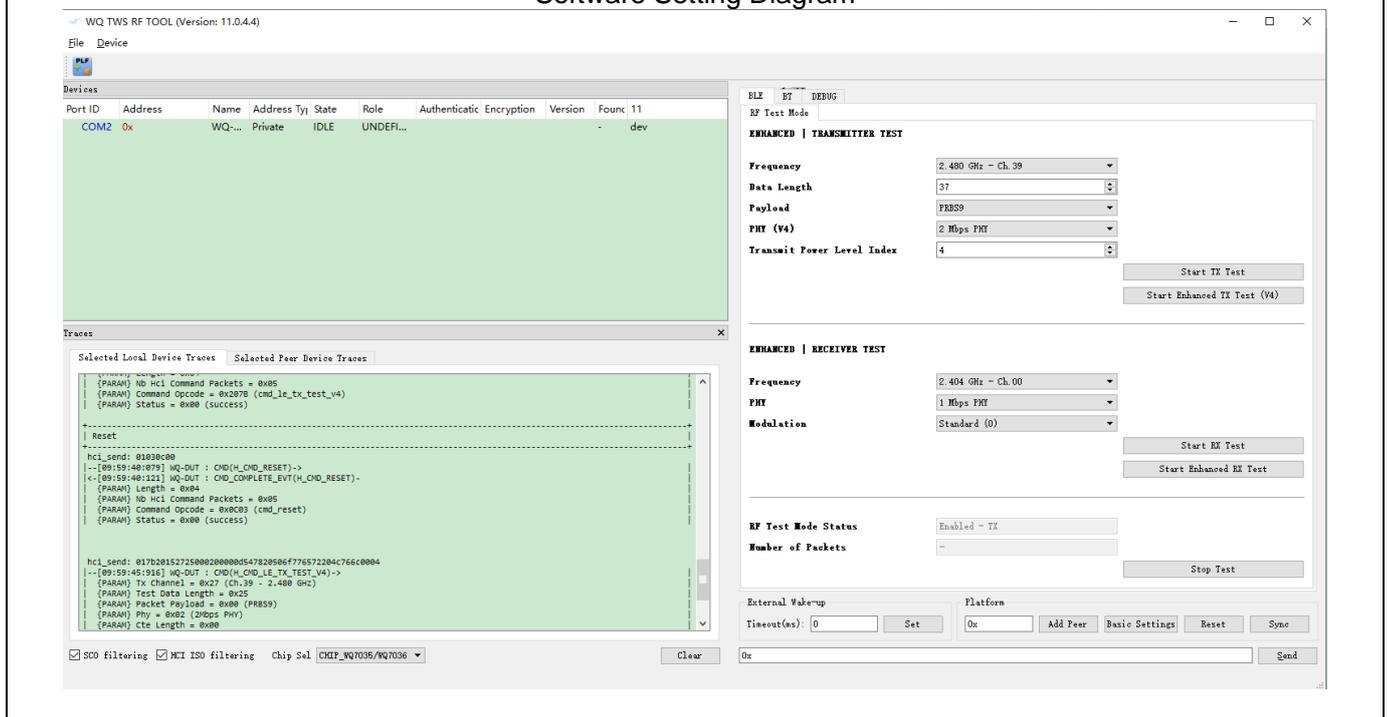
5. Description of Test Modes

Summary Table of Test Cases	
Test Item	Data Rate / Modulation
	Radiated & Conducted Test Cases
AC Conducted Emission	Not applicable

Note:

1. Only the result of the worst case was recorded in the report, if no other cases.
2. The battery is full-charged during the test.
3. For Radiated Emission, 3axis were chosen for testing for each applicable mode.
4. For Conducted Test method, a temporary antenna connector is provided by the manufacture.

Software Setting Diagram



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6. Radiated Spurious Emission

6.1 Measurement Limit

FCC Part 15.209 Limit in the below table to be followed

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Note: All modes were tested for restricted band radiated emission, the test records reported below are the worst result compared to other modes.

6.2 Measurement Procedure

1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds.

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As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.

8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High - Low scan is not required in this case.

The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Start ~Stop Frequency	9kHz~150kHz/RB 200Hz for QP
Start ~Stop Frequency	150kHz~30MHz/RB 9kHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120kHz for QP
Start ~Stop Frequency	1GHz~26.5GHz 1MHz/3MHz for Peak, 1MHz/3MHz for Average

Receiver Parameter	Setting
Start ~Stop Frequency	9kHz~150kHz/RB 200Hz for QP
Start ~Stop Frequency	150kHz~30MHz/RB 9kHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120kHz for QP

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- **Quasi-Peak Measurements below 1GHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as shown in the table above
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

- **Peak Measurements above 1GHz**

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

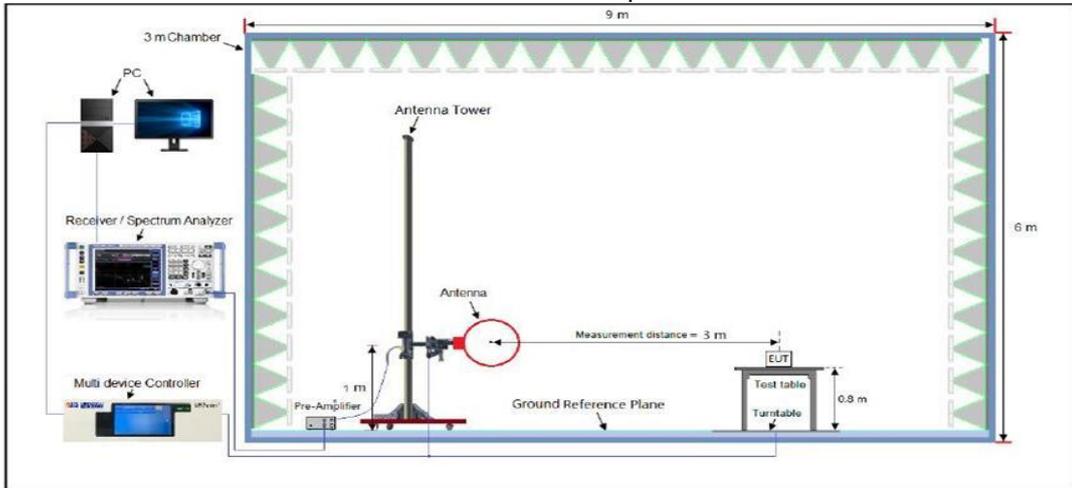
- **Average Measurements above 1GHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq [3 \times \text{RBW}]$
4. Detector = Power averaging (rms)
5. Averaging type = power (i.e., rms)
6. Sweep time = auto
7. Perform a trace average of at least 100 traces.
8. The applicable correction factor is $[10 \cdot \log(1 / D)]$, where D is the duty cycle. The factor had been edited in the "Input Correction" of the Spectrum Analyzer.

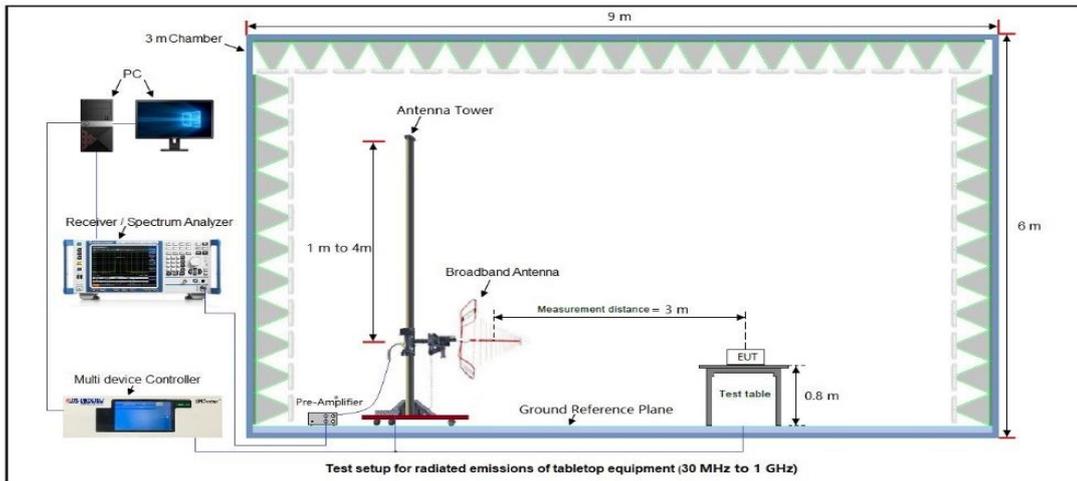
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6.3 Measurement Setup (Block Diagram of Configuration)

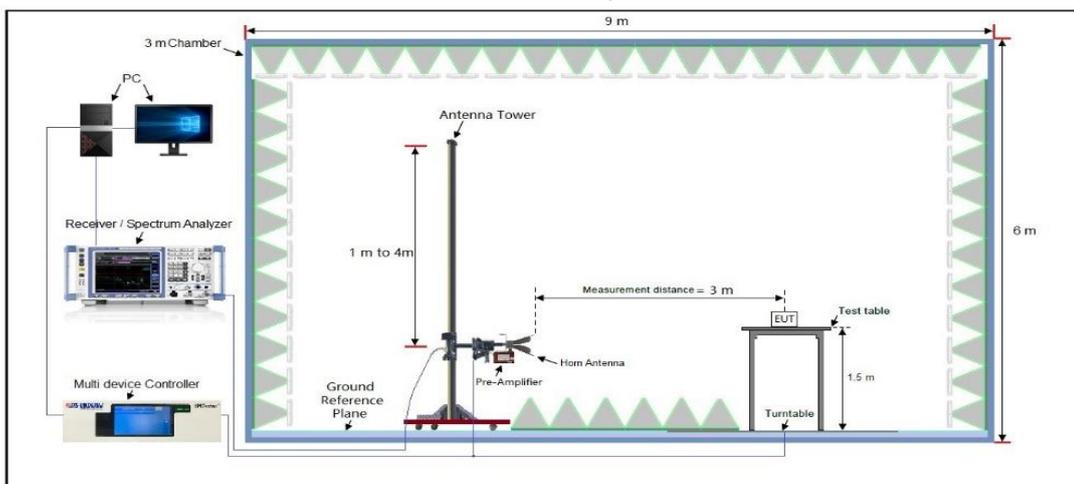
Radiated Emission Test Setup 9kHz-30MHz



Radiated Emission Test Setup 30MHz-1000MHz



Radiated Emission Test Setup Above 1000MHz



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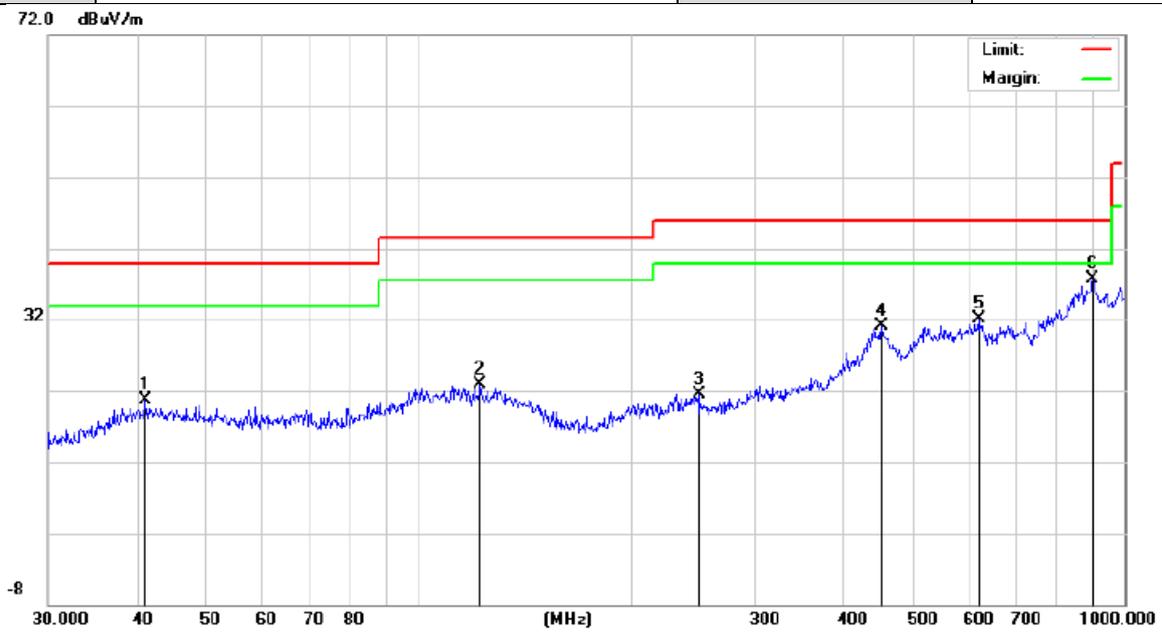
6.4 Measurement Result

Radiated Emission Below 30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

Radiated Emission Test Results at 30MHz-1GHz

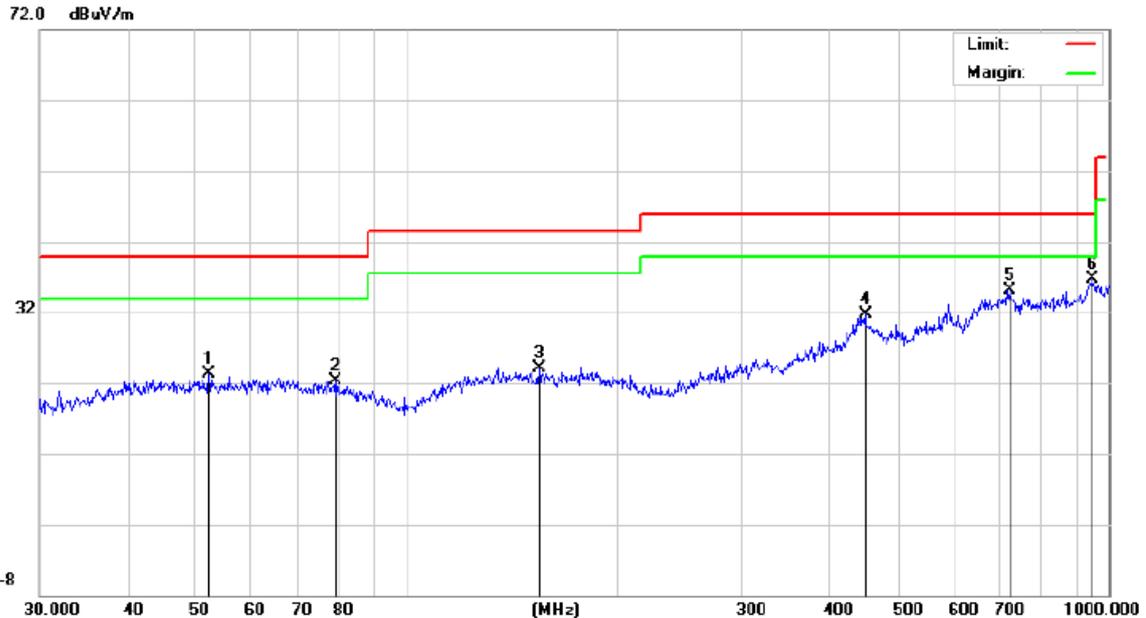
EUT Name	Wireless Headphone	Model Name	A3874XR
Temperature	23.5°C	Relative Humidity	58.5%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna Polarity	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		41.1320	6.94	13.82	20.76	40.00	-19.24	peak
2		122.4040	6.59	16.26	22.85	43.50	-20.65	peak
3		249.4250	6.48	15.12	21.60	46.00	-24.40	peak
4		452.7197	6.42	24.65	31.07	46.00	-14.93	peak
5		620.7096	6.94	25.13	32.07	46.00	-13.93	peak
6	*	900.1474	5.87	31.78	37.65	46.00	-8.35	peak

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Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Wireless Headphone	Model Name	A3874XR
Temperature	23.5°C	Relative Humidity	58.5%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna Polarity	Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		52.2079	6.25	17.02	23.27	40.00	-16.73	peak
2		79.2426	5.41	16.91	22.32	40.00	-17.68	peak
3		154.2786	5.93	18.20	24.13	43.50	-19.37	peak
4		449.5558	6.03	25.67	31.70	46.00	-14.30	peak
5		721.7259	6.42	28.64	35.06	46.00	-10.94	peak
6	*	945.4399	5.83	30.78	36.61	46.00	-9.39	peak

RESULT: Pass

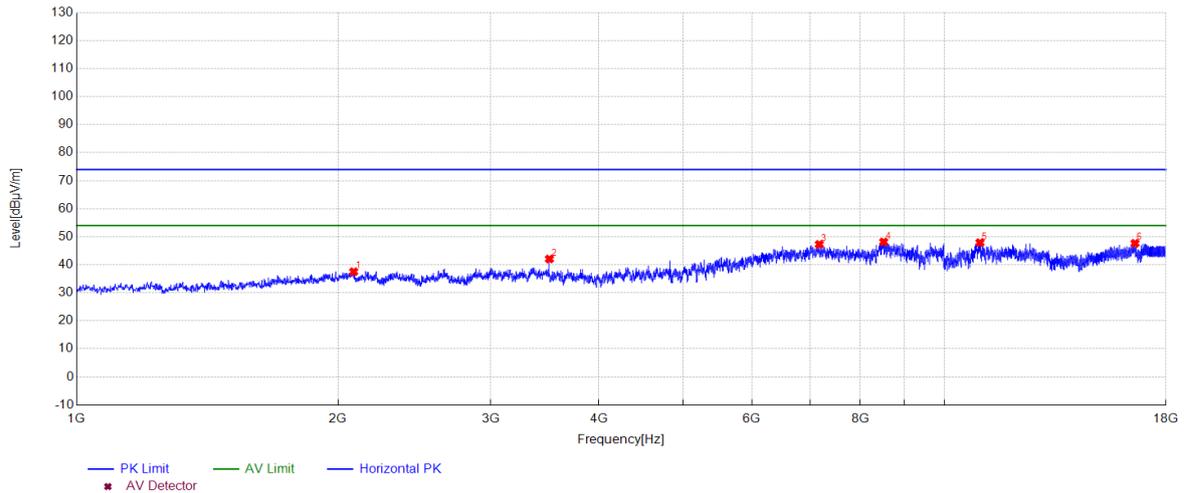
Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. All test modes had been pre-tested. The mode 1 is the worst case and recorded in the report.

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Radiated Emissions Test Results for Above 1GHz

EUT Name	Wireless Headphone	Model Name	A3874XR
Temperature	22.4°C	Relative Humidity	53.8%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 1	Antenna Polarity	Horizontal

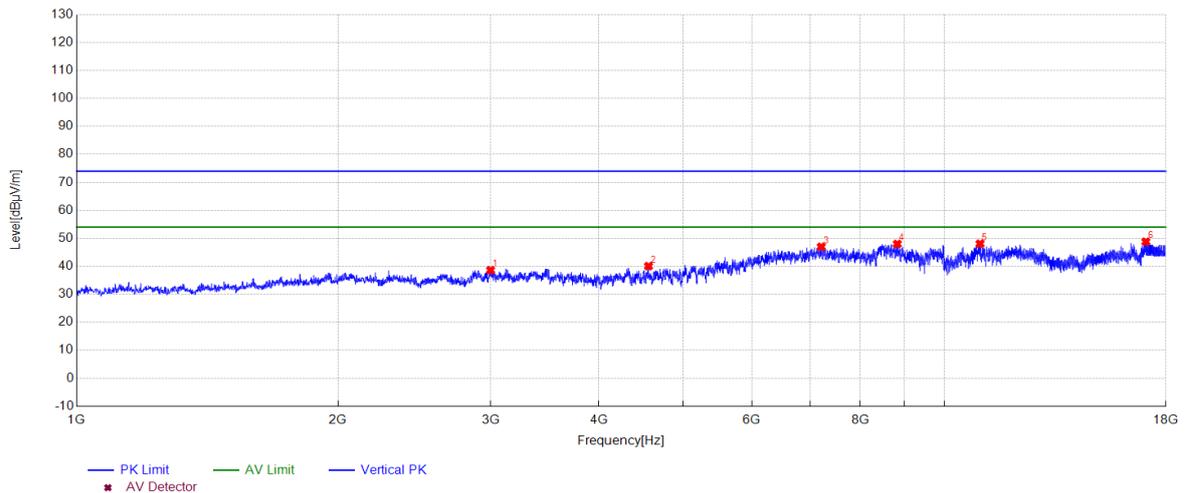


PK Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2085.80572	37.52	-13.93	74.00	36.48	150	138	Horizontal
2	3505.967065	42.07	-11.11	74.00	31.93	150	6	Horizontal
3	7174.811654	47.27	-3.61	74.00	26.73	150	231	Horizontal
4	8511.10074	48.16	-2.01	74.00	25.84	150	41	Horizontal
5	10988.732582	47.90	3.94	74.00	26.10	150	254	Horizontal
6	16580.972065	47.66	5.30	74.00	26.34	150	162	Horizontal

RESULT: Pass

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EUT Name	Wireless Headphone	Model Name	A3874XR
Temperature	22.4°C	Relative Humidity	53.8%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 1	Antenna Polarity	Vertical



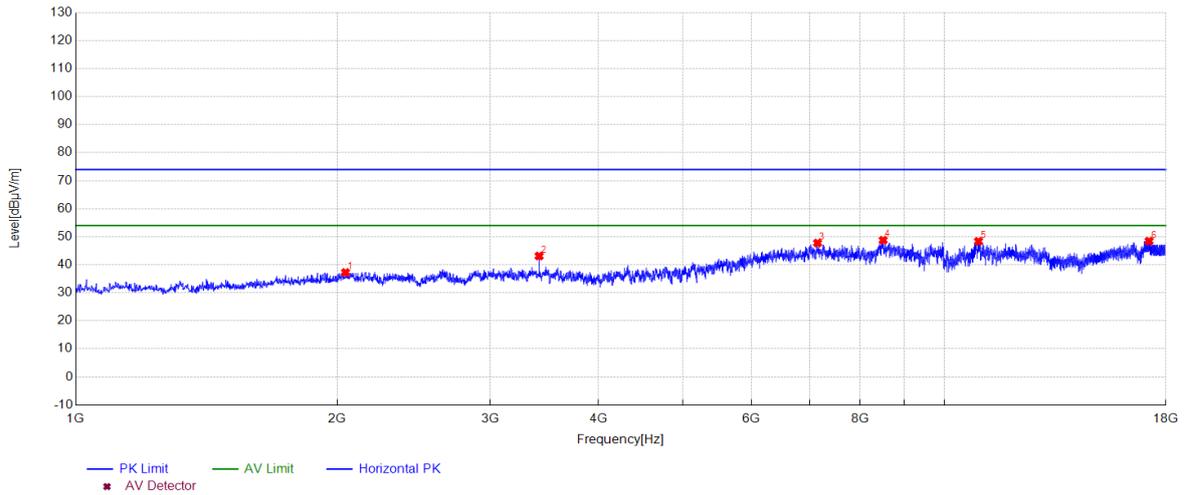
PK Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2999.333289	38.60	-12.07	74.00	35.40	150	354	Vertical
2	4560.037336	40.05	-9.40	74.00	33.95	150	4	Vertical
3	7212.214148	46.97	-3.62	74.00	27.03	150	359	Vertical
4	8823.921595	47.98	-2.11	74.00	26.02	150	19	Vertical
5	10989.865991	48.05	3.94	74.00	25.95	150	305	Vertical
6	17063.804254	48.77	5.56	74.00	25.23	150	317	Vertical

RESULT: Pass

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Radiated Emissions Test Results for Above 1GHz

EUT Name	Wireless Headphone	Model Name	A3874XR
Temperature	22.4°C	Relative Humidity	53.8%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 2	Antenna Polarity	Horizontal



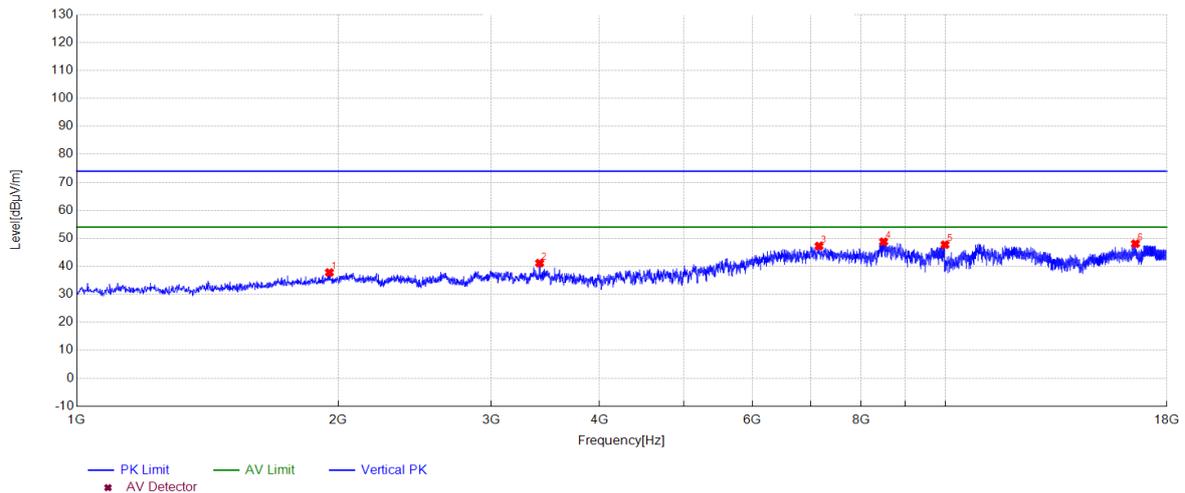
PK Data List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2045.003	37.26	-14.06	74.00	36.74	150	240	Horizontal
2	3416.427762	43.12	-11.27	74.00	30.88	150	344	Horizontal
3	7147.609841	47.76	-3.60	74.00	26.24	150	96	Horizontal
4	8505.433696	48.77	-2.00	74.00	25.23	150	337	Horizontal
5	10952.463498	48.37	3.78	74.00	25.63	150	206	Horizontal
6	17213.414228	48.45	5.31	74.00	25.55	150	6	Horizontal

RESULT: Pass

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EUT Name	Wireless Headphone	Model Name	A3874XR
Temperature	22.4°C	Relative Humidity	53.8%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 2	Antenna Polarity	Vertical



PK Data List

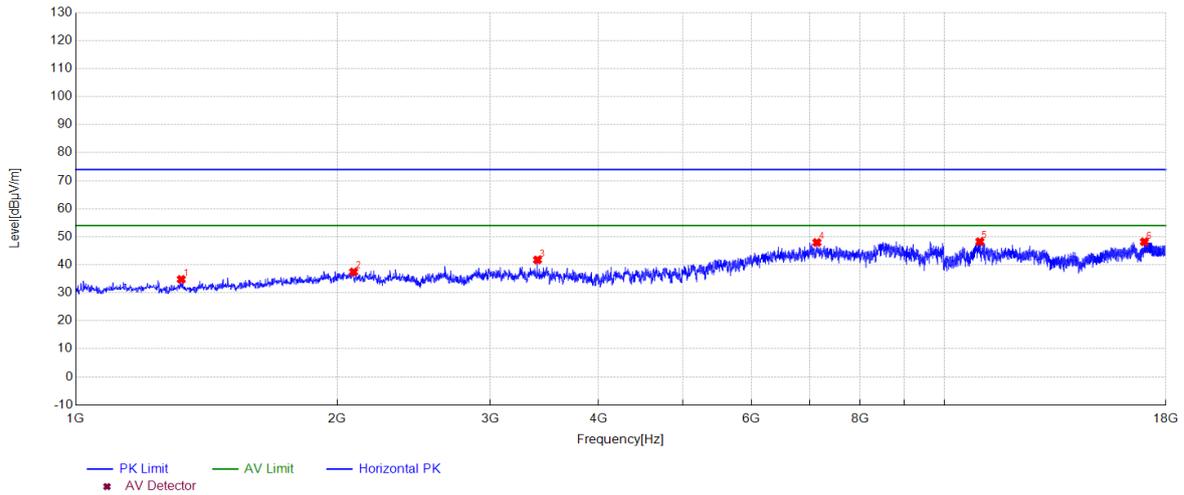
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1954.330289	37.77	-14.54	74.00	36.23	150	192	Vertical
2	3411.894126	41.13	-11.28	74.00	32.87	150	296	Vertical
3	7156.677112	47.22	-3.60	74.00	26.78	150	221	Vertical
4	8492.966198	48.77	-2.03	74.00	25.23	150	76	Vertical
5	9993.599573	47.71	0.88	74.00	26.29	150	100	Vertical
6	16559.437296	48.07	5.29	74.00	25.93	150	48	Vertical

RESULT: Pass

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Radiated Emissions Test Results for Above 1GHz

EUT Name	Wireless Headphone	Model Name	A3874XR
Temperature	22.4℃	Relative Humidity	53.8%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 3	Antenna Polarity	Horizontal



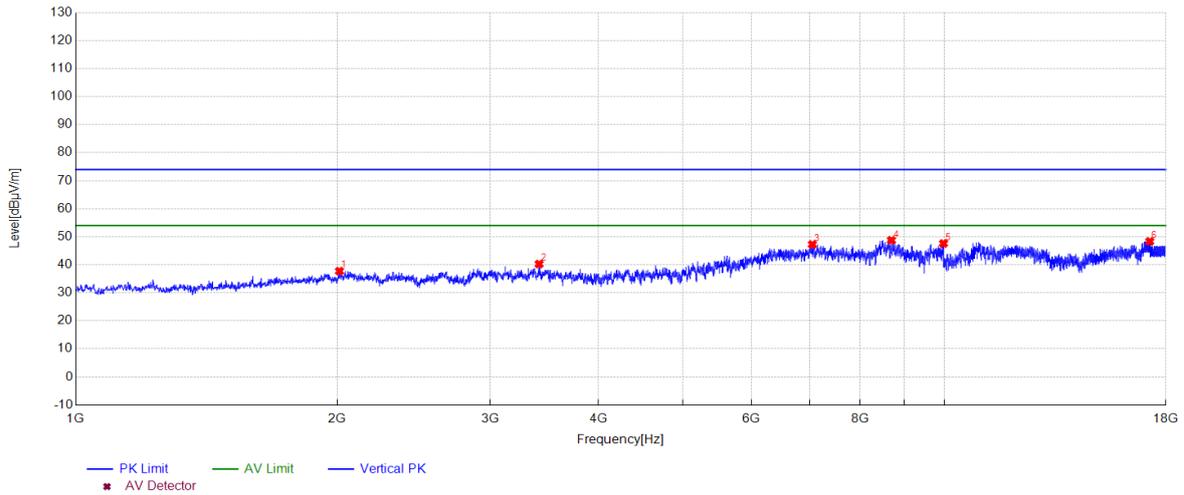
PK Data List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1323.021535	34.81	-17.99	74.00	39.19	150	308	Horizontal
2	2089.205947	37.45	-13.91	74.00	36.55	150	68	Horizontal
3	3401.693446	41.75	-11.30	74.00	32.25	150	320	Horizontal
4	7136.275752	47.95	-3.59	74.00	26.05	150	198	Horizontal
5	10989.865991	48.24	3.94	74.00	25.76	150	360	Horizontal
6	17002.600173	48.19	5.67	74.00	25.81	150	359	Horizontal

RESULT: Pass

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EUT Name	Wireless Headphone	Model Name	A3874XR
Temperature	22.4°C	Relative Humidity	53.8%
Pressure	960hPa	Test Voltage	DC 3.8V by battery
Test Mode	Mode 3	Antenna Polarity	Vertical



PK Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2012.134142	37.74	-14.16	74.00	36.26	150	250	Vertical
2	3416.427762	40.26	-11.27	74.00	33.74	150	298	Vertical
3	7050.136676	47.25	-3.56	74.00	26.75	150	359	Vertical
4	8694.712981	48.75	-2.06	74.00	25.25	150	221	Vertical
5	9979.998667	47.60	0.80	74.00	26.40	150	359	Vertical
6	17244.016268	48.33	5.26	74.00	25.67	150	180	Vertical

RESULT: Pass

Note:

1. The amplitude of other spurious emissions from 18G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
2. Factor = Antenna Factor + Cable loss – Pre-amplifier gain, Margin =Emission Level-Limit.
3. The “Factor” value can be calculated automatically by software of measurement system.
4. All test modes had been tested. The BLE GFSK 1Mbps modulation is the worst case and recorded in the report.

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Appendix I: Photographs of Test Setup

Refer to the Report No.: AGC01110240653AP01A

Appendix II: Photographs of Test EUT

Refer to the Report No.: AGC01110240653AP02A

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Attestation of Global Compliance(Shenzhen)Co., Ltd

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3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
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6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

-----End of Report-----

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