
FCC Test Report

Report No.: AGC01110250452FR01A

FCC ID : 2AOKB-D1301E
APPLICATION PURPOSE : Class II Permissive Change
PRODUCT DESIGNATION : Wireless Headphone
BRAND NAME : soundcore
MODEL NAME : D1301
APPLICANT : Anker Innovations Limited
DATE OF ISSUE : Jul. 24, 2025
STANDARD(S) : FCC Part 15 Subpart C §15.247
REPORT VERSION : V1.0

Attestation Of Global Compliance (Shenzhen) Co., Ltd



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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jul. 24, 2025	Valid	Initial Release

Note: The original test report AGC01110250452FR01 (dated Jun. 05, 2025 and tested from Apr. 30, 2025 – Jun. 04, 2025) was modified on Jul. 24, 2025, including the following changes and additions:

- Replaced the battery, see below for details:

Original:

Battery Information	Model: 1040W7 Rated Voltage & Cap.: 3.85V 38mAh, 0.147Wh Manufacturer name: Chongqing VDL Electronics Co., Ltd.
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Updated:

Battery Information	Model: 1040W9 Rated Voltage & Cap.: 3.91V 42mAh, 0.165Wh Manufacturer name: Chongqing VDL Electronics Co., Ltd.
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- Replaced the lithium protection chip of the headphones from the: CM1126B-DAC to: CM1126B-HBC;

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	D1301
Series Model(s)	N/A
Difference Description	N/A
Date of receipt of test item	Jul. 07, 2025
Date of Test	Jul. 07, 2025 –Jul. 23, 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	 <hr/> CiCi Li (Project Engineer)	Jul. 24, 2025
Reviewed By	 <hr/> Bibo Zhang (Reviewer)	Jul. 24, 2025
Approved By	 <hr/> Angela Li Authorized Officer	Jul. 24, 2025

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2. Product Information

2.1 Product Technical Description

Technology Type	Bluetooth Low Energy
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	Left earphone:7.214dBm Right earphone:6.210dBm
Hardware Version	D1_V1.0
Software Version	V01.04
Antenna Designation	LDS Antenna
Antenna Gain	Left earphone: -3.0dBi Right earphone: -3.3dBi
Power Supply	DC 3.91V by battery
Note: The EUT comprises left and right channel earphones, both are the same in SCH but different in the PCB Layout.	

2.2 Test Frequency List

Frequency Band	Channel Number	Test Frequency
2400~2483.5MHz	0	2402 MHz
	1	2404 MHz
	:	:
	19	2440MHz
	:	:
	38	2478 MHz
	39	2480 MHz
Note: $f = 2402 + 2 * k$ 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-D1301E, 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>
EUT Antenna
<p>The non-detachable antenna inside the device cannot be replaced by the user at will. The gain of the left earphone antenna is -3.0dBi. The gain of the Right earphone antenna is -3.3dBi.</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 3.91V by battery

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	$U_c = \pm 2$ %
Uncertainty of Dwell Time	$U_c = \pm 2$ %

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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 type="checkbox"/>	AGC-EM-S004	RE Test System	Tonscend	TS+Ver2.1(JS32-RE)	4.0.0.0
<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

No.	Equipment	Manufacturer	Model No.	Specification Information	Cable
1	Control Box	RISYM	USB-TTL	--	--
2	Redmi Notebook PC	Redmi	XMA2002-AB	1.2m,unshielded	--

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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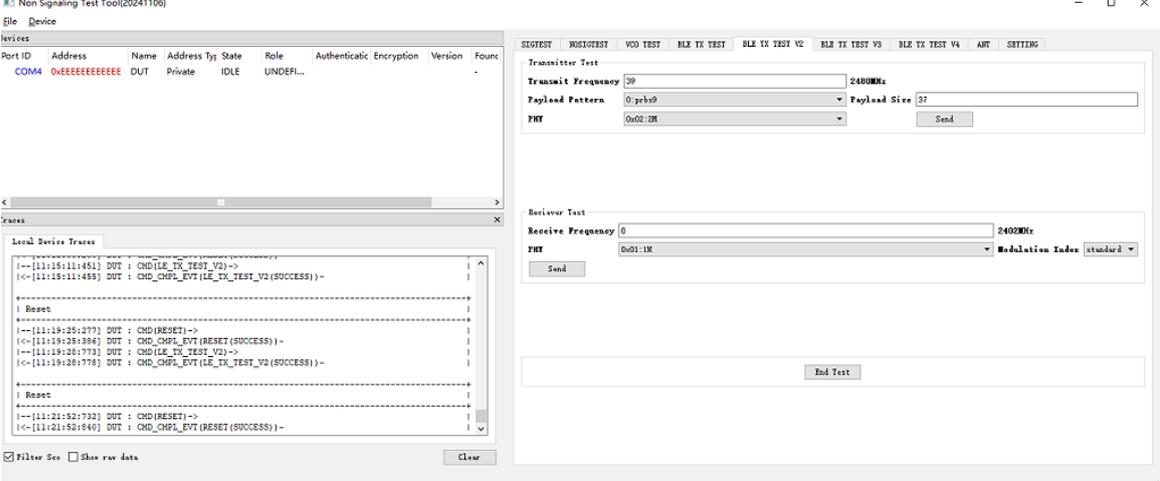
5. Description of Test Modes

Summary Table of Test Cases	
Test Item	Data Rate / Modulation
	Bluetooth–LE(1Mbps/2Mbps)/GFSK
Radiated & Conducted Test Cases	Mode 1: Bluetooth Tx CH00_2402 MHz_1Mbps(Battery powered)
	Mode 2: Bluetooth Tx CH19_2440 MHz_1Mbps(Battery powered)
	Mode 3: Bluetooth Tx CH39_2480 MHz_1Mbps(Battery powered)
	Mode 4: Bluetooth Tx CH00_2402 MHz_2Mbps(Battery powered)
	Mode 5: Bluetooth Tx CH19_2440 MHz_2Mbps(Battery powered)
	Mode 6: Bluetooth Tx CH39_2480 MHz_2Mbps(Battery powered)

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.
5. The manufacturer of RF external cable claims that the cable loss is 0.5dB, and the cable loss and attenuator have been compensated into the Corrections Configuration of measuring equipment.
6. Input correction factor includes external cable loss and attenuator amplitude compensation. The formula is:
Input compensation coefficient (dB) = Cable Loss (dB) + Attenuator attenuation value (dB)

Software Setting Diagram



The screenshot shows the 'Non Signaling Test Tool(20241106)' interface. On the left, there is a 'Devices' table with columns for Port ID, Address, Name, Address Type, State, Role, Authentication, Encryption, Version, and Found. A device with Port ID 'COM4' and Address '0xEEEEEEEE' is listed. Below this is a 'Local Device Trace' window showing a log of events including 'CMD(LB_TX_TEST_V2)', 'CMD(CHPL_EVT(LB_TX_TEST_V2)(SUCCESS))', and 'Reset' commands. On the right, there are two main configuration panels: 'Transmitter Test' and 'Receiver Test'. The 'Transmitter Test' panel includes fields for 'Transmit Frequency' (2400MHz), 'Payload Pattern' (0x6b69), 'Payload Size' (37), and 'PHY' (0x02:2F). The 'Receiver Test' panel includes fields for 'Receive Frequency' (2402MHz) and 'PHY' (0x01:1M). Both panels have 'Send' and 'End Test' buttons.

Test Mode	Channel	Power Index
BLE_1Mbps	L/M/H	Default
BLE_2Mbps	L/M/H	Default

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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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8. 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.
9. 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.
10. 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.
11. 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

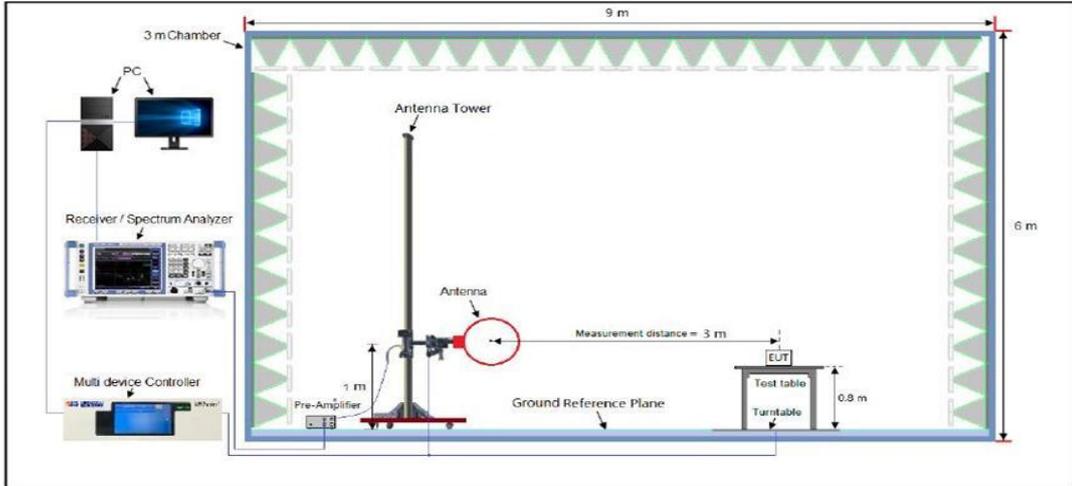
- **Average Measurements above 1GHz**

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.

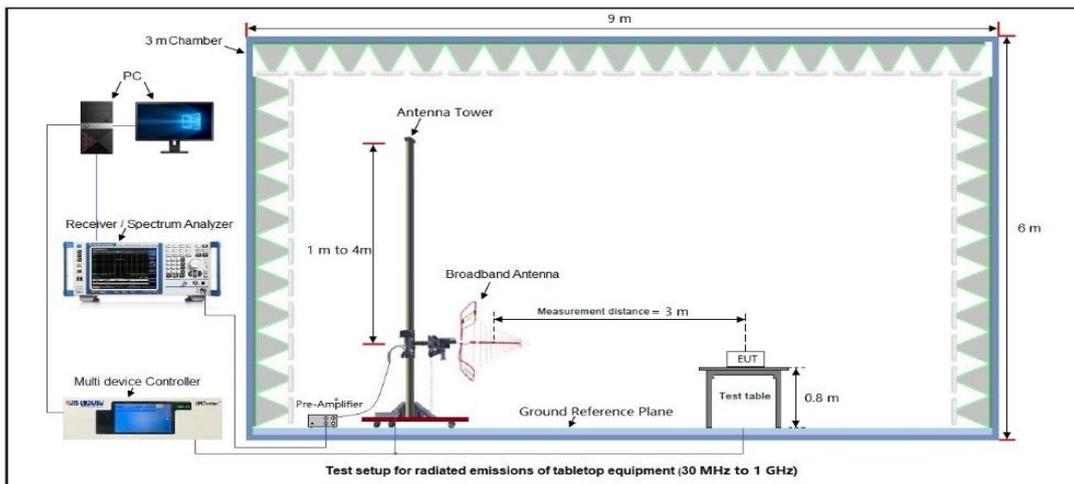
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

6.3 Measurement Setup (Block Diagram of Configuration)

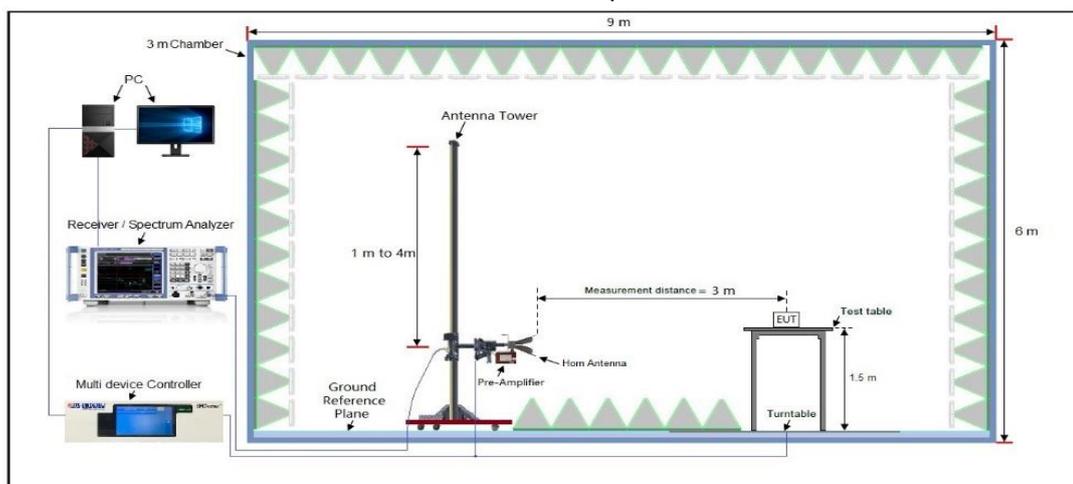
Radiated Emission Test Setup 9kHz-30MHz



Radiated Emission Test Setup 30MHz-1000MHz



Radiated Emission Test Setup Above 1000MHz



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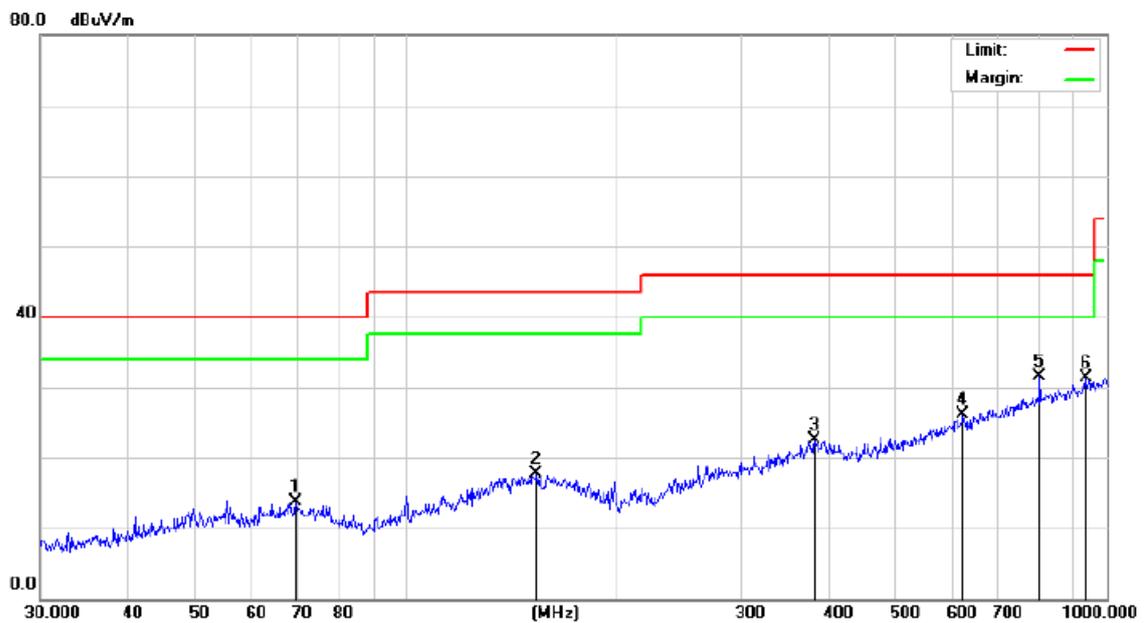
6.4 Measurement Result

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.

Left earphone

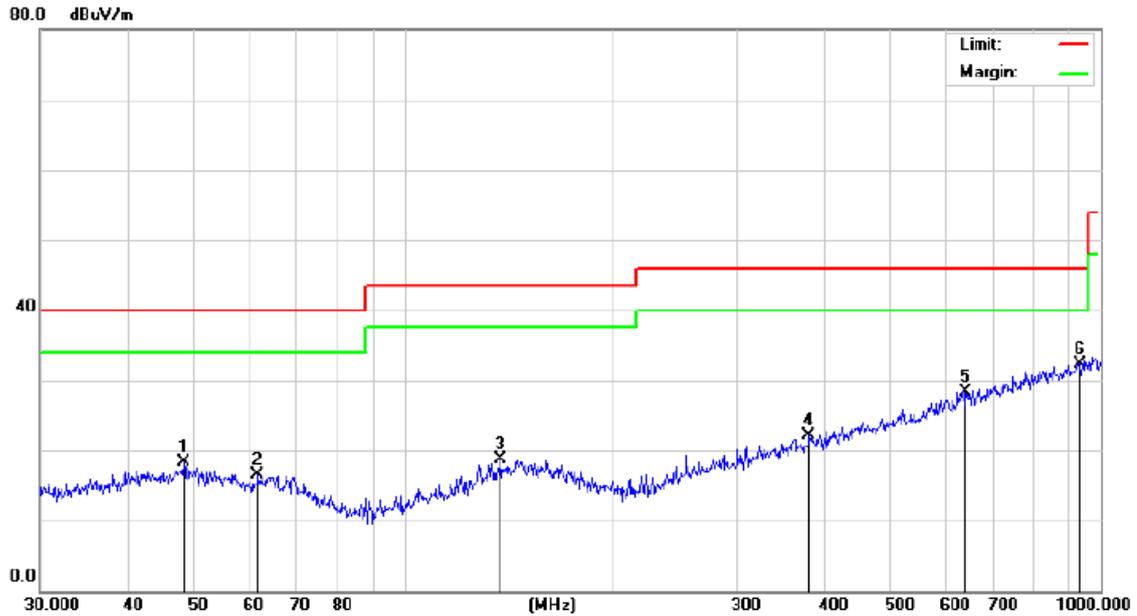
Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1°C	Relative Humidity	56.4%
Pressure	960hPa	Test Voltage	DC 3.91V
Test Mode	Mode 2	Antenna Polarity	Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		69.3568	39.04	-25.26	13.78	40.00	-26.22	peak
2		153.2004	38.51	-20.73	17.78	43.50	-25.72	peak
3		382.5878	40.12	-17.69	22.43	46.00	-23.57	peak
4		622.8899	39.46	-13.38	26.08	46.00	-19.92	peak
5	*	801.7862	41.34	-9.89	31.45	46.00	-14.55	peak
6		932.2714	39.64	-8.33	31.31	46.00	-14.69	peak

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Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1°C	Relative Humidity	56.4%
Pressure	960hPa	Test Voltage	DC 3.91V
Test Mode	Mode 2	Antenna Polarity	Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		48.1625	39.45	-21.21	18.24	40.00	-21.76	peak
2		61.5617	38.14	-21.67	16.47	40.00	-23.53	peak
3		137.4201	39.17	-20.46	18.71	43.50	-24.79	peak
4		381.2485	39.08	-17.02	22.06	46.00	-23.94	peak
5		638.3686	38.97	-10.62	28.35	46.00	-17.65	peak
6	*	932.2714	38.66	-6.26	32.40	46.00	-13.60	peak

RESULT: PASS

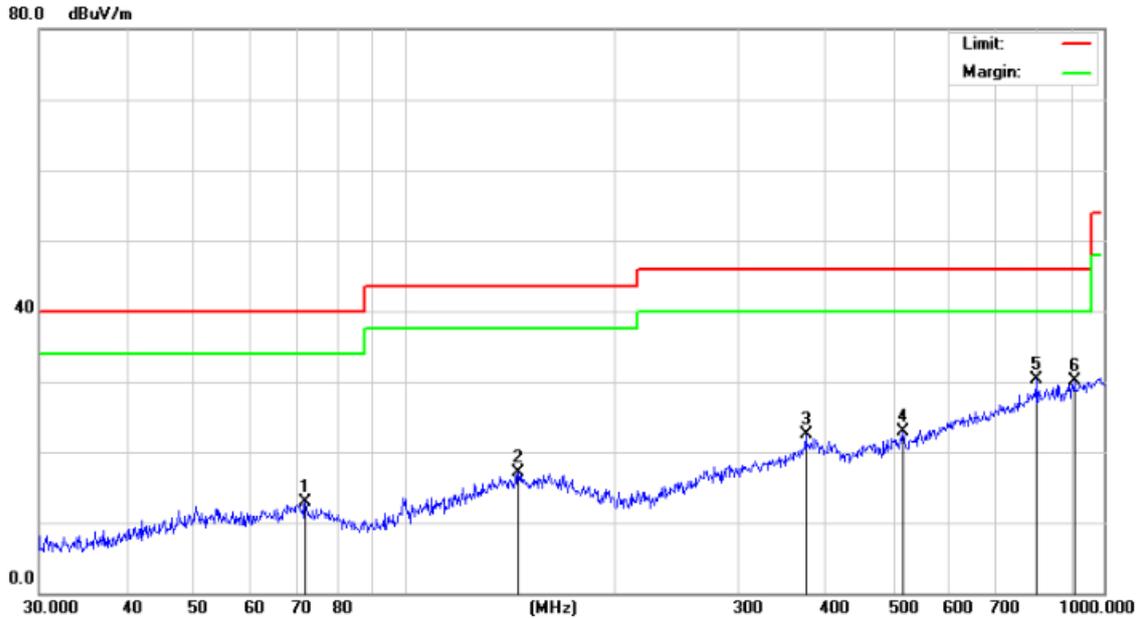
Note: 1. Factor=Antenna Factor + Cable loss - Pre-amplifier, Margin=Measurement-Limit.

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

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Right earphone

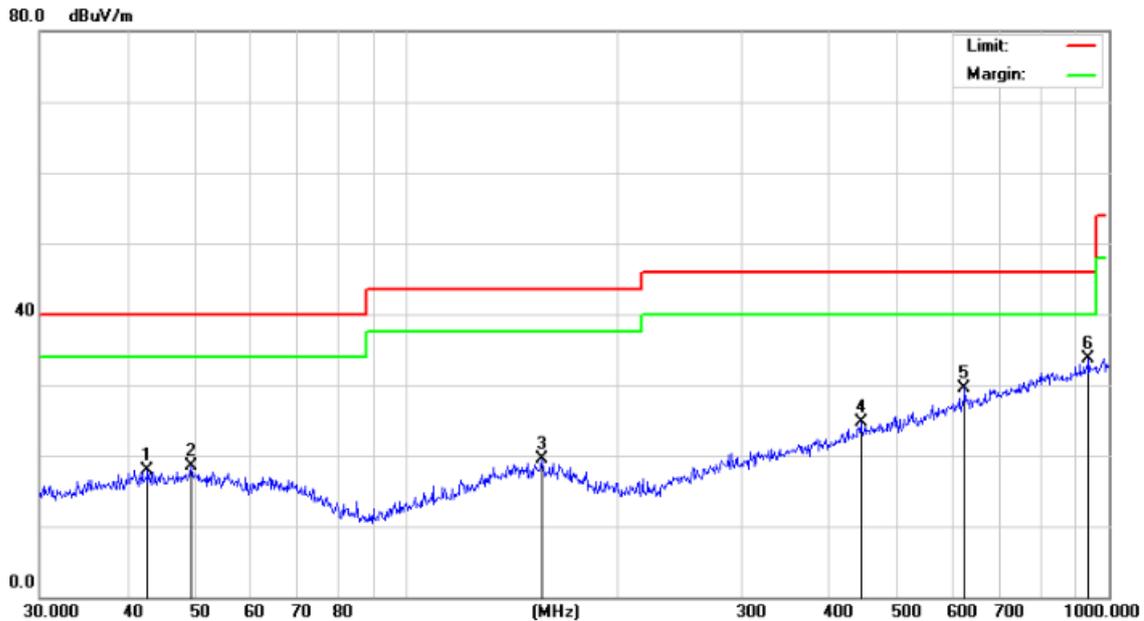
Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1°C	Relative Humidity	56.4%
Pressure	960hPa	Test Voltage	DC 3.91V
Test Mode	Mode 1	Antenna Polarity	Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		72.0841	38.09	-25.28	12.81	40.00	-27.19	peak
2		145.3505	37.85	-20.82	17.03	43.50	-26.47	peak
3		374.6225	40.40	-17.82	22.58	46.00	-23.42	peak
4		515.4374	39.20	-16.39	22.81	46.00	-23.19	peak
5	*	801.7862	40.13	-9.89	30.24	46.00	-15.76	peak
6		906.4823	38.95	-8.84	30.11	46.00	-15.89	peak

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Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1°C	Relative Humidity	56.4%
Pressure	960hPa	Test Voltage	DC 3.91V
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		42.7496	39.49	-21.65	17.84	40.00	-22.16	peak
2		49.3594	39.57	-21.16	18.41	40.00	-21.59	peak
3		155.9100	39.21	-19.66	19.55	43.50	-23.95	peak
4		443.2943	39.89	-15.21	24.68	46.00	-21.32	peak
5		622.8899	40.57	-10.97	29.60	46.00	-16.40	peak
6	*	935.5462	39.91	-6.23	33.68	46.00	-12.32	peak

RESULT: PASS

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

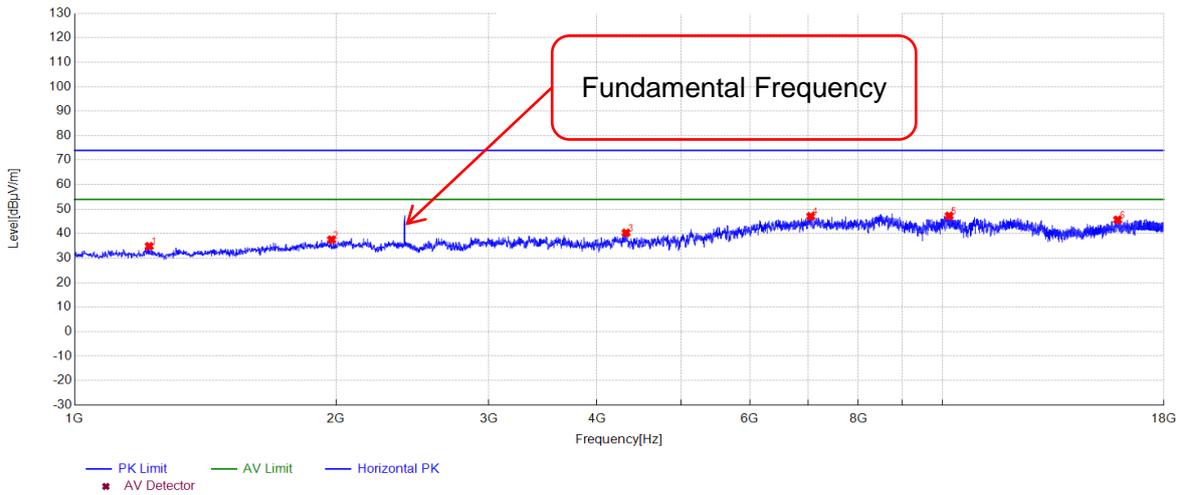
2. All test modes had been pre-tested. The mode 1 is the worst case and recorded in the report.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Left earphone

Radiated Emissions Test Results for Above 1GHz

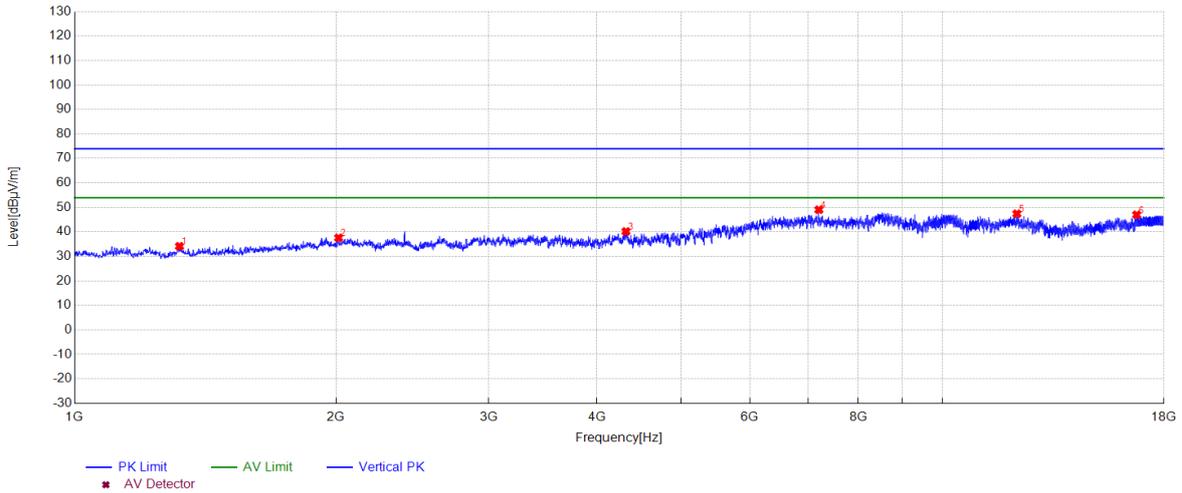
EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1°C	Relative Humidity	55.6%
Pressure	960hPa	Test Voltage	DC 3.91V
Test Mode	Mode 1	Antenna Polarity	Horizontal



PK Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1218.747917	34.83	-18.09	74.00	39.17	150	360	Horizontal
2	1976.998467	37.51	-14.37	74.00	36.49	150	110	Horizontal
3	4319.75465	40.31	-10.08	74.00	33.69	150	254	Horizontal
4	7051.270085	47.04	-3.56	74.00	26.96	150	214	Horizontal
5	10180.612041	47.23	1.29	74.00	26.77	150	133	Horizontal
6	15919.061271	45.64	5.65	74.00	28.36	150	358	Horizontal

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EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1°C	Relative Humidity	55.6%
Pressure	960hPa	Test Voltage	DC 3.91V
Test Mode	Mode 1	Antenna Polarity	Vertical



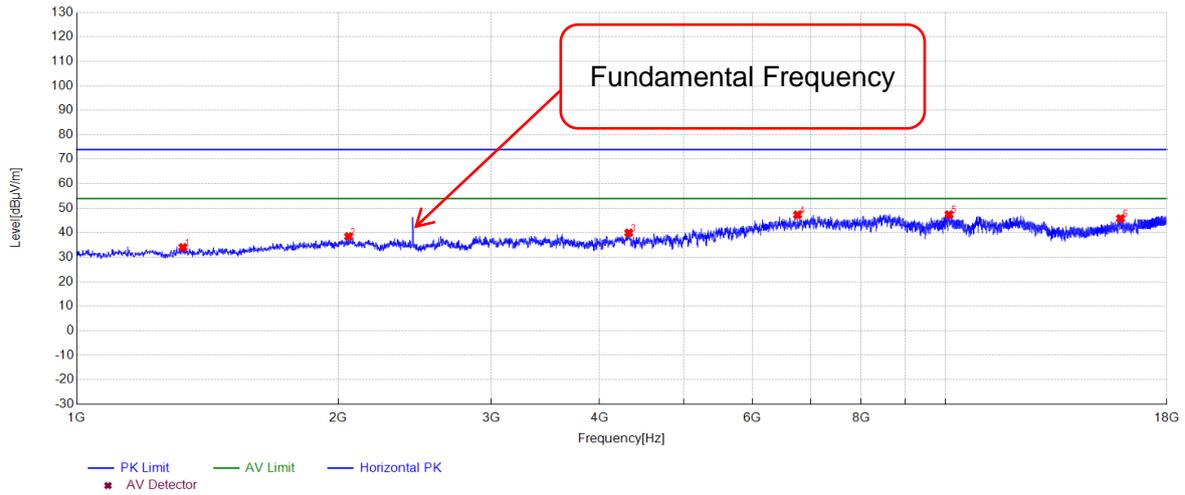
PK Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1320.754717	34.11	-17.99	74.00	39.89	150	354	Vertical
2	2014.40096	37.56	-14.15	74.00	36.44	150	341	Vertical
3	4318.621241	40.17	-10.08	74.00	33.83	150	0	Vertical
4	7205.413694	49.06	-3.62	74.00	24.94	150	73	Vertical
5	12183.345556	47.39	2.87	74.00	26.61	150	119	Vertical
6	16743.049537	46.98	5.44	74.00	27.02	150	28	Vertical

RESULT: PASS

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Radiated Emissions Test Results for Above 1GHz

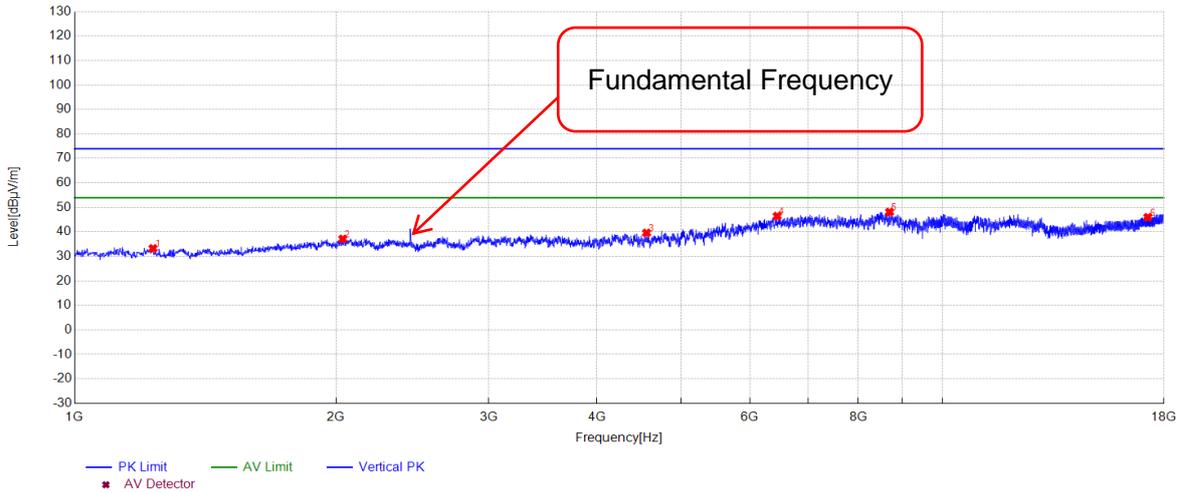
EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1°C	Relative Humidity	55.6%
Pressure	960hPa	Test Voltage	DC 3.91V
Test Mode	Mode 2	Antenna Polarity	Horizontal



PK Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1325.288353	34.02	-18.00	74.00	39.98	150	293	Horizontal
2	2056.337089	38.47	-14.02	74.00	35.53	150	128	Horizontal
3	4322.021468	39.95	-10.08	74.00	34.05	150	334	Horizontal
4	6759.983999	47.30	-4.34	74.00	26.70	150	174	Horizontal
5	10101.273418	47.40	1.12	74.00	26.60	150	59	Horizontal
6	15915.661044	45.83	5.64	74.00	28.17	150	316	Horizontal

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EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1°C	Relative Humidity	55.6%
Pressure	960hPa	Test Voltage	DC 3.91V
Test Mode	Mode 2	Antenna Polarity	Vertical



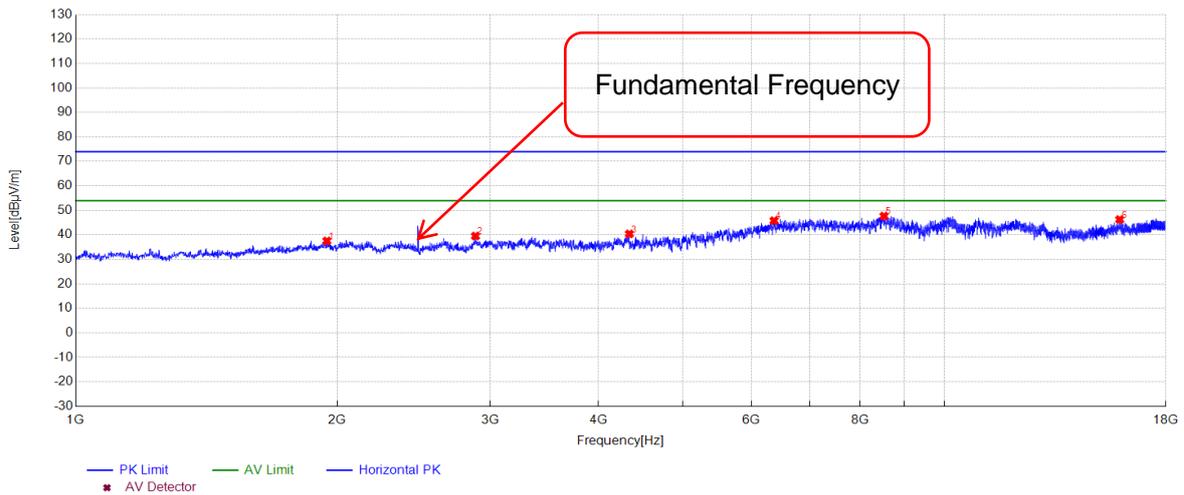
PK Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1231.215414	33.25	-18.08	74.00	40.75	150	325	Vertical
2	2037.069138	37.11	-14.08	74.00	36.89	150	0	Vertical
3	4561.170745	39.59	-9.39	74.00	34.41	150	244	Vertical
4	6450.563371	46.44	-5.24	74.00	27.56	150	262	Vertical
5	8691.312754	48.13	-2.06	74.00	25.87	150	33	Vertical
6	17248.549903	45.97	5.25	74.00	28.03	150	228	Vertical

RESULT: Pass

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Radiated Emissions Test Results for Above 1GHz

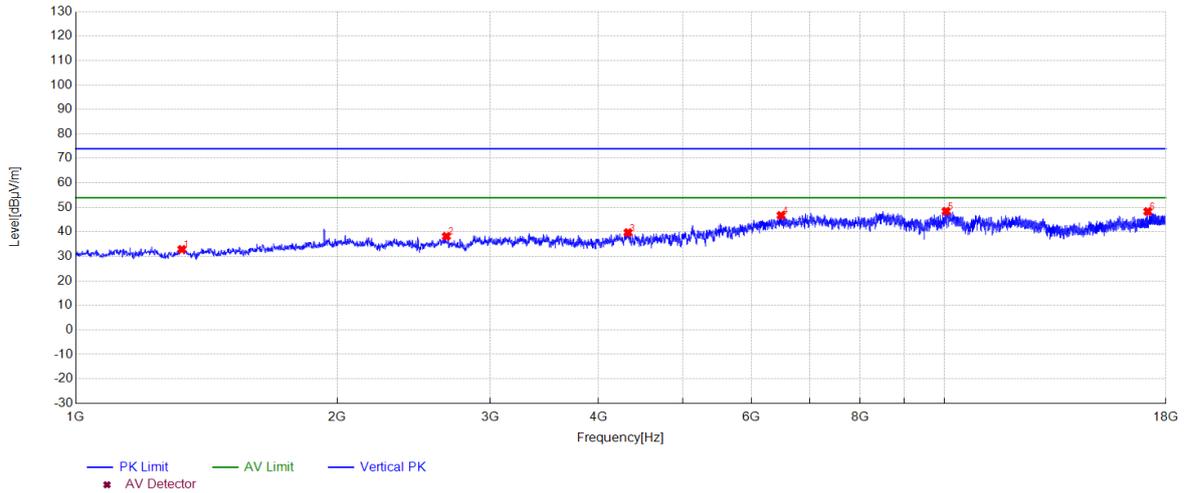
EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1 °C	Relative Humidity	55.6%
Pressure	960hPa	Test Voltage	DC 3.91V
Test Mode	Mode 3	Antenna Polarity	Horizontal



PK Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1946.396426	37.52	-14.59	74.00	36.48	150	1	Horizontal
2	2885.9924	39.49	-12.19	74.00	34.51	150	334	Horizontal
3	4340.15601	40.39	-10.01	74.00	33.61	150	1	Horizontal
4	6368.957931	45.78	-5.31	74.00	28.22	150	191	Horizontal
5	8523.568238	47.67	-2.01	74.00	26.33	150	19	Horizontal
6	15923.594906	46.24	5.66	74.00	27.76	150	288	Horizontal

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EUT Name	Wireless Headphone	Model Name	D1301
Temperature	22.1 °C	Relative Humidity	55.6%
Pressure	960hPa	Test Voltage	DC 3.91V
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	1325.288353	32.86	-18.00	74.00	41.14	150	10	Vertical
2	2671.778119	38.18	-12.41	74.00	35.82	150	101	Vertical
3	4325.421695	39.72	-10.06	74.00	34.28	150	78	Vertical
4	6489.099273	46.74	-5.21	74.00	27.26	150	307	Vertical
5	10051.403427	48.42	1.02	74.00	25.58	150	198	Vertical
6	17156.743783	48.31	5.40	74.00	25.69	150	50	Vertical

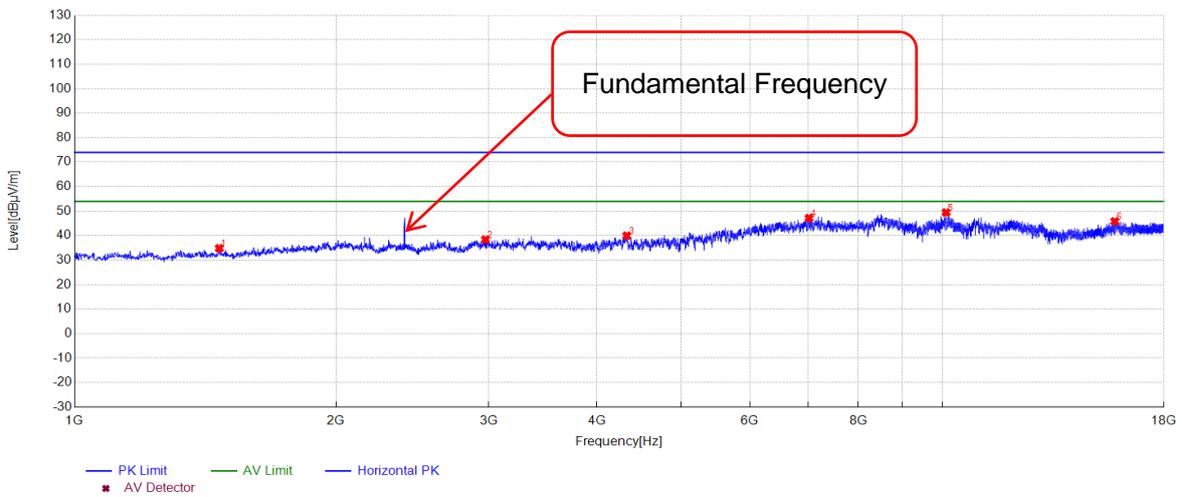
RESULT: Pass

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Right earphone

Radiated Emissions Test Results for Above 1GHz

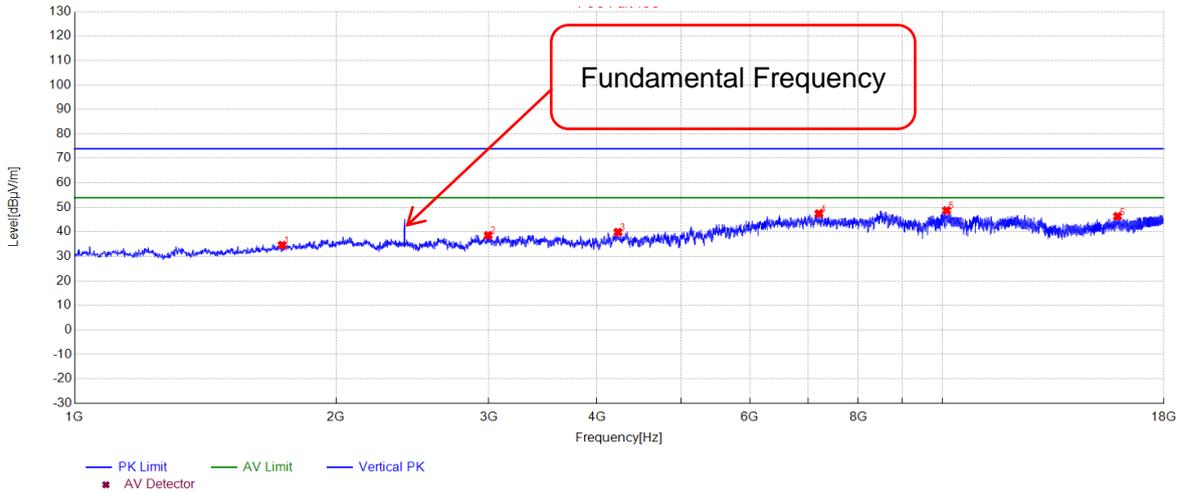
EUT Name	Wireless Headphone	Model Name	D1301
Temperature	20.4°C	Relative Humidity	51.8%
Pressure	960hPa	Test Voltage	DC 3.85V
Test Mode	Mode 1	Antenna Polarity	Horizontal



PK Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1468.097873	34.82	-17.86	74.00	39.18	150	254	Horizontal
2	2974.398293	38.34	-12.10	74.00	35.66	150	358	Horizontal
3	4327.688513	39.95	-10.05	74.00	34.05	150	354	Horizontal
4	7019.534636	47.15	-3.55	74.00	26.85	150	335	Horizontal
5	10096.739783	49.44	1.11	74.00	24.56	150	128	Horizontal
6	15796.65311	45.79	5.38	74.00	28.21	150	358	Horizontal

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EUT Name	Wireless Headphone	Model Name	D1301
Temperature	20.4°C	Relative Humidity	51.8%
Pressure	960hPa	Test Voltage	DC 3.85V
Test Mode	Mode 1	Antenna Polarity	Vertical



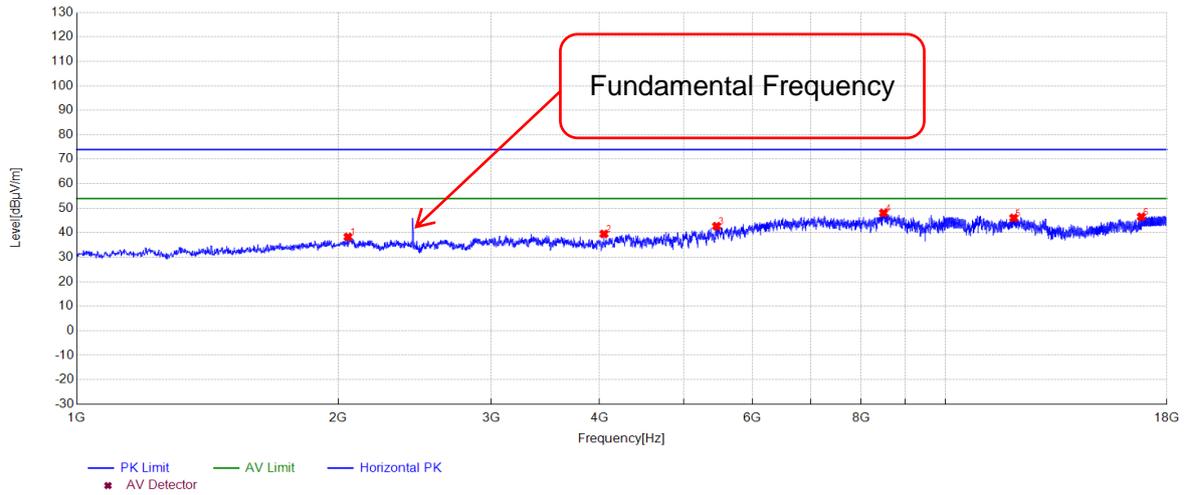
PK Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1734.448963	34.61	-16.13	74.00	39.39	150	262	Vertical
2	2995.933062	38.58	-12.07	74.00	35.42	150	22	Vertical
3	4227.94853	39.90	-10.41	74.00	34.10	150	148	Vertical
4	7206.547103	47.47	-3.62	74.00	26.53	150	74	Vertical
5	10111.474098	48.75	1.15	74.00	25.25	150	307	Vertical
6	15914.527635	46.36	5.64	74.00	27.64	150	2	Vertical

RESULT: PASS

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Radiated Emissions Test Results for Above 1GHz

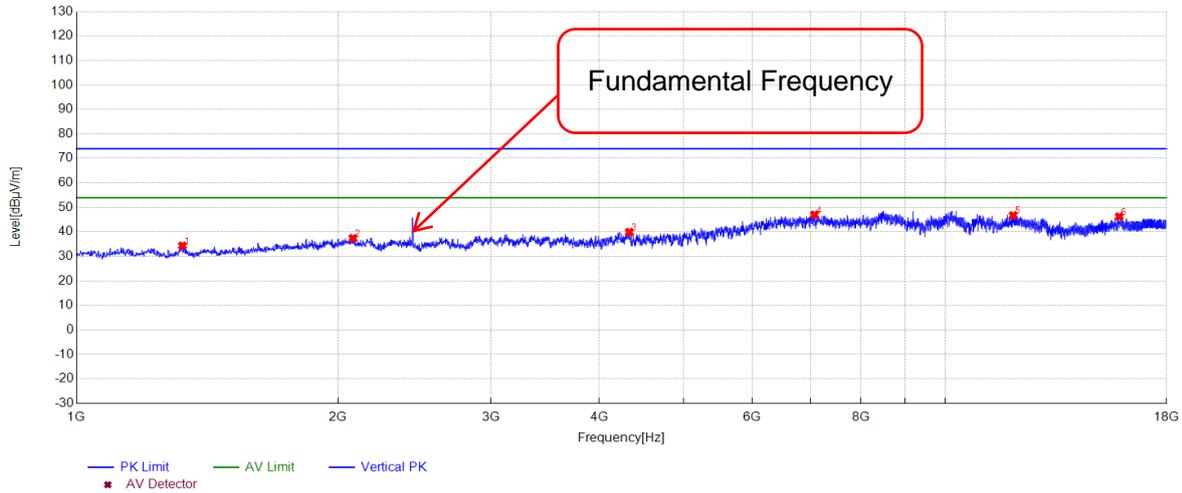
EUT Name	Wireless Headphone	Model Name	D1301
Temperature	20.4°C	Relative Humidity	51.8%
Pressure	960hPa	Test Voltage	DC 3.85V
Test Mode	Mode 2	Antenna Polarity	Horizontal



PK Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2052.936863	38.27	-14.02	74.00	35.73	150	307	Horizontal
2	4046.603107	39.50	-11.07	74.00	34.50	150	342	Horizontal
3	5455.430362	42.67	-7.92	74.00	31.33	150	354	Horizontal
4	8491.832789	48.08	-2.04	74.00	25.92	150	209	Horizontal
5	11992.932862	46.05	3.01	74.00	27.95	150	307	Horizontal
6	16820.121341	46.49	5.52	74.00	27.51	150	278	Horizontal

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EUT Name	Wireless Headphone	Model Name	D1301
Temperature	20.4°C	Relative Humidity	51.8%
Pressure	960hPa	Test Voltage	DC 3.85V
Test Mode	Mode 2	Antenna Polarity	Vertical



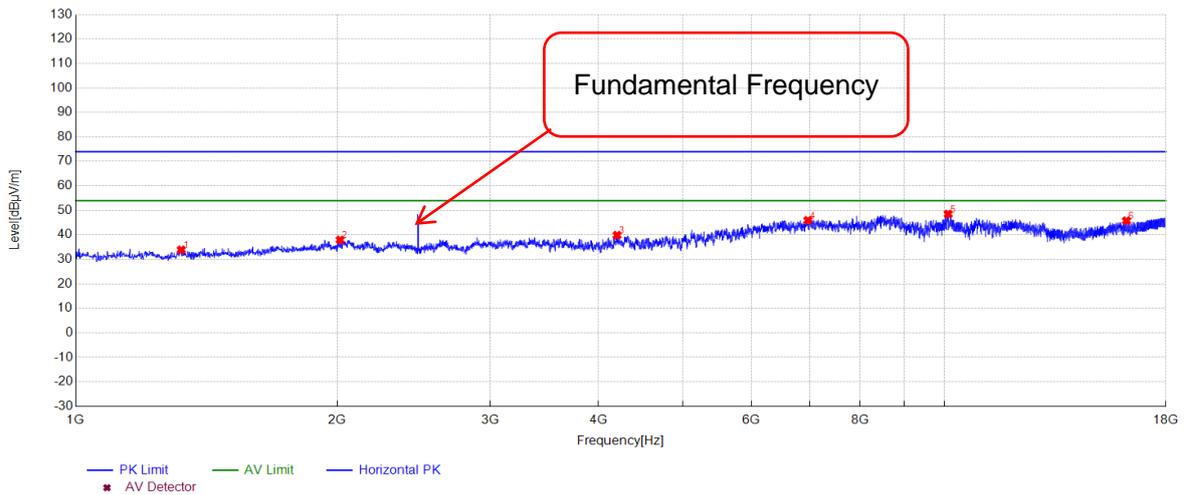
PK Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1324.154944	34.34	-17.99	74.00	39.66	150	148	Vertical
2	2081.272085	37.41	-13.93	74.00	36.59	150	1	Vertical
3	4329.95533	39.94	-10.05	74.00	34.06	150	233	Vertical
4	7073.938263	46.98	-3.57	74.00	27.02	150	342	Vertical
5	11980.465364	46.73	2.98	74.00	27.27	150	278	Vertical
6	15869.191279	46.25	5.54	74.00	27.75	150	250	Vertical

RESULT: Pass

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Radiated Emissions Test Results for Above 1GHz

EUT Name	Wireless Headphone	Model Name	D1301
Temperature	20.4°C	Relative Humidity	51.8%
Pressure	960hPa	Test Voltage	DC 3.85V
Test Mode	Mode 3	Antenna Polarity	Horizontal

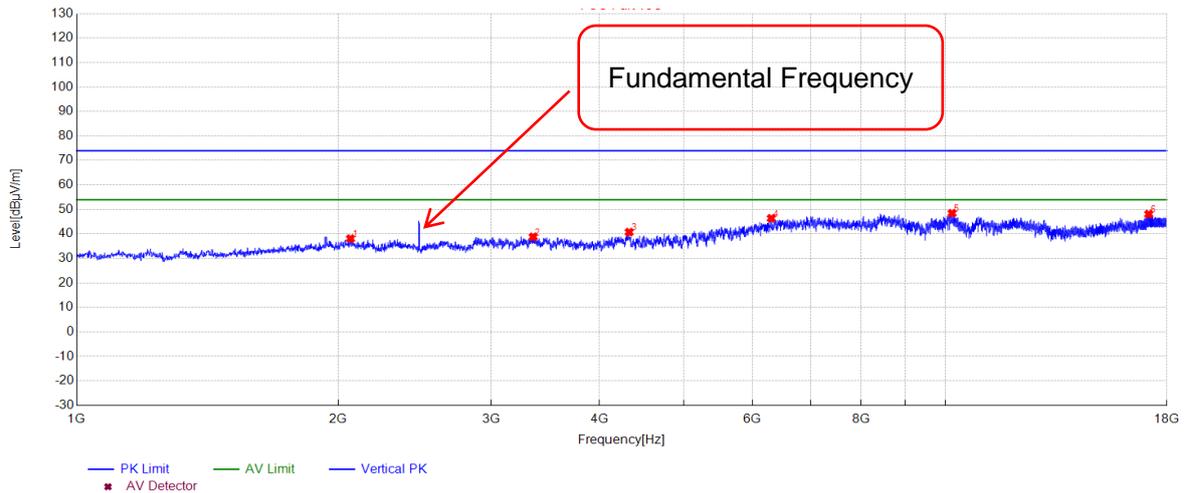


PK Data List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1323.021535	33.87	-17.99	74.00	40.13	150	53	Horizontal
2	2015.534369	37.93	-14.15	74.00	36.07	150	145	Horizontal
3	4200.746716	39.86	-10.51	74.00	34.14	150	128	Horizontal
4	6967.397827	45.92	-3.65	74.00	28.08	150	81	Horizontal
5	10105.807054	48.49	1.13	74.00	25.51	150	243	Horizontal
6	16212.614174	45.77	5.57	74.00	28.23	150	359	Horizontal

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EUT Name	Wireless Headphone	Model Name	D1301
Temperature	20.4°C	Relative Humidity	51.8%
Pressure	960hPa	Test Voltage	DC 3.85V
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	2066.537769	38.06	-13.99	74.00	35.94	150	50	Vertical
2	3354.090273	38.79	-11.40	74.00	35.21	150	356	Vertical
3	4326.555104	40.72	-10.06	74.00	33.28	150	313	Vertical
4	6305.487033	46.36	-5.37	74.00	27.64	150	85	Vertical
5	10184.012268	48.43	1.29	74.00	25.57	150	319	Vertical
6	17153.343556	48.06	5.40	74.00	25.94	150	330	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 pre-tested. The mode 1Mbps is the worst case and recorded in the report.

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Appendix I: Photographs of Test Setup

Refer to the Report No.: AGC01110250452AP01A

Appendix II: Photographs of Test EUT

Refer to the Report No.: AGC01110250452AP02A

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2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
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.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
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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