

EMC Test Report

Product Name : Wireless Earphones
Model No. : M2537E1

Applicant : Xiaomi Communications Co., Ltd.
Address : #019, 9th Floor, Building 6, 33 Xi'erqi Middle
Road, Haidian District, Beijing, China,
100085

Date of Receipt : August 13, 2025
Test Date : August 19, 2025 ~ August 22, 2025
Issued Date : October 28, 2025
Report No. : 2580343R.603
Report Template No. : TRF_FCC Part 15 Subpart 15B_EMV_V1.4

The test results presented in this report relate only to the object tested.
This report is not used for social proof in China (or Mainland China) market.
The measurement result is considered in conformance with the requirement if it is within the prescribed limit, it is not necessary to calculate the uncertainty associated with the measurement result.
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Product Name : Wireless Earphones
Applicant : Xiaomi Communications Co., Ltd.
Address : #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian
District, Beijing, China, 100085
Manufacturer : Xiaomi Communications Co., Ltd.
Address : #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian
District, Beijing, China, 100085
Model No. : M2537E1
Brand Name : REDMI
Charging Case Output: 5 Vdc 150mA
EUT Voltage : Charging Case Input: 5 Vdc 500mA
Earbuds Input: 5 Vdc 70mA
Test Voltage : 120 Vac, 60 Hz; 3.85 Vdc
Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2023
ANSI C63.4: 2014
Test Result : Complied
DEKRA Testing and Certification (Suzhou) Co., Ltd.
Test Location : No.99 Hongye Rd., Suzhou Industrial Park, Suzhou, 215006,
Jiangsu, China
FCC Designation Number : CN1199

Tested By

:

Sue Cai

(Sue Cai/Project Engineer)

Approved By

:

*Star Wang*2025-10-28 11:24:
31

(Star Wang/Manager)

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Document History

Report Number	Date	Description
2580343R.603	October 28, 2025	First release

1 General Information

1.1 EUT Description

Product Name	Wireless Earphones
Model No.	M2537E1
Brand Name	REDMI
FCC ID	2AFZZM2537E1
Classification of EUT	Class B
Highest Internal Frequency (Fx)	2480MHz
FCC ID	2AFZZM2537E1

Note 1: The EUT information is from customer declaration.

1.2 Mode of Operation

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode
Mode 1: Charging Mode (Mic-power New Energy:BW43+ M1040S3)
Mode 2: Working Mode (Mic-power New Energy: M1040S3)
Mode 3: Charging Mode (Miyar Battery: BW43 + Hynergia: CH1040A1)
Mode 4: Working Mode (Hynergia: CH1040A1)
Final Test Mode
Mode 1: Charging Mode (Mic-power New Energy:BW43+ M1040S3)
Mode 2: Working Mode (Mic-power New Energy: M1040S3)
Mode 3: Charging Mode (Miyar Battery: BW43 + Hynergia: CH1040A1)
Mode 4: Working Mode (Hynergia: CH1040A1)

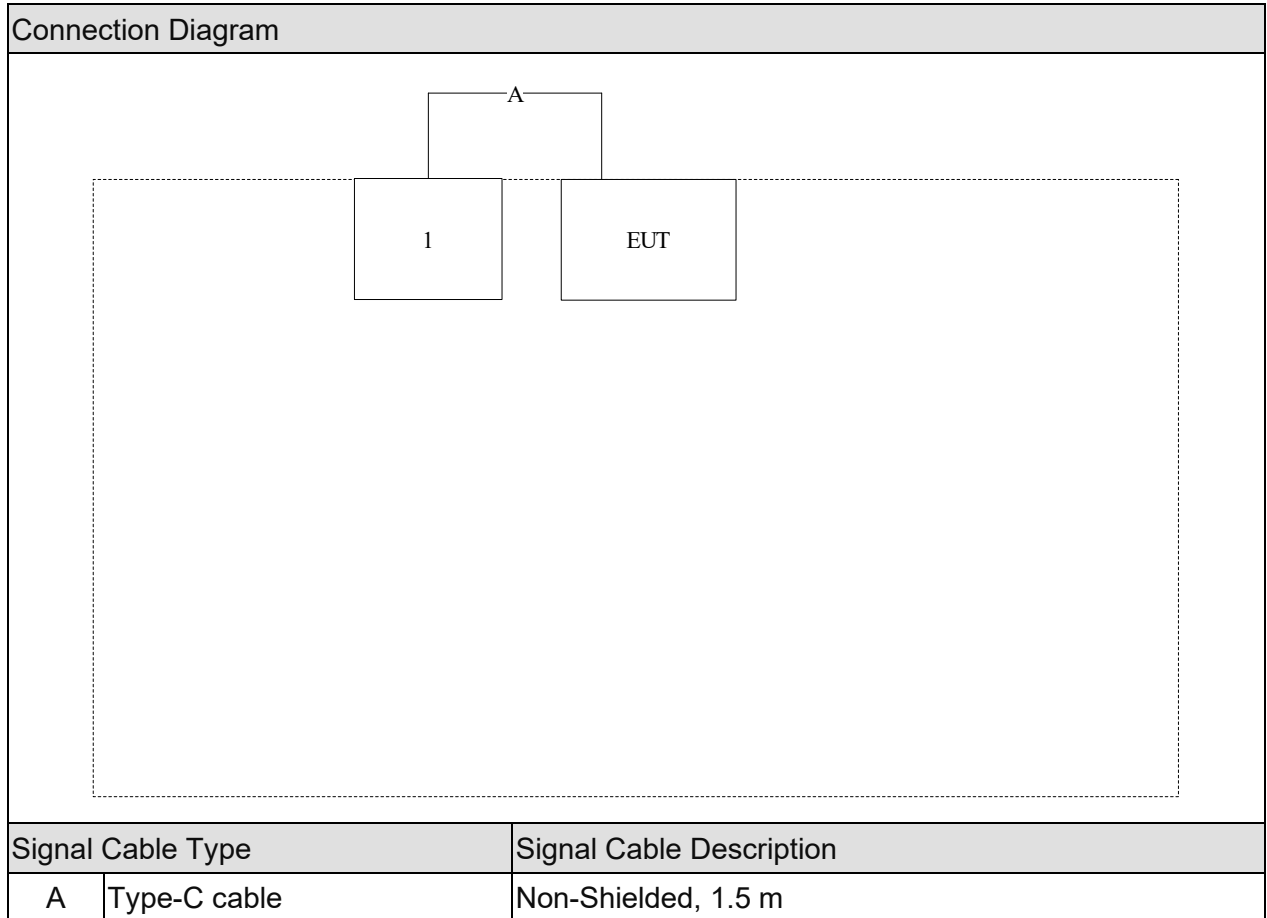
1.3 Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

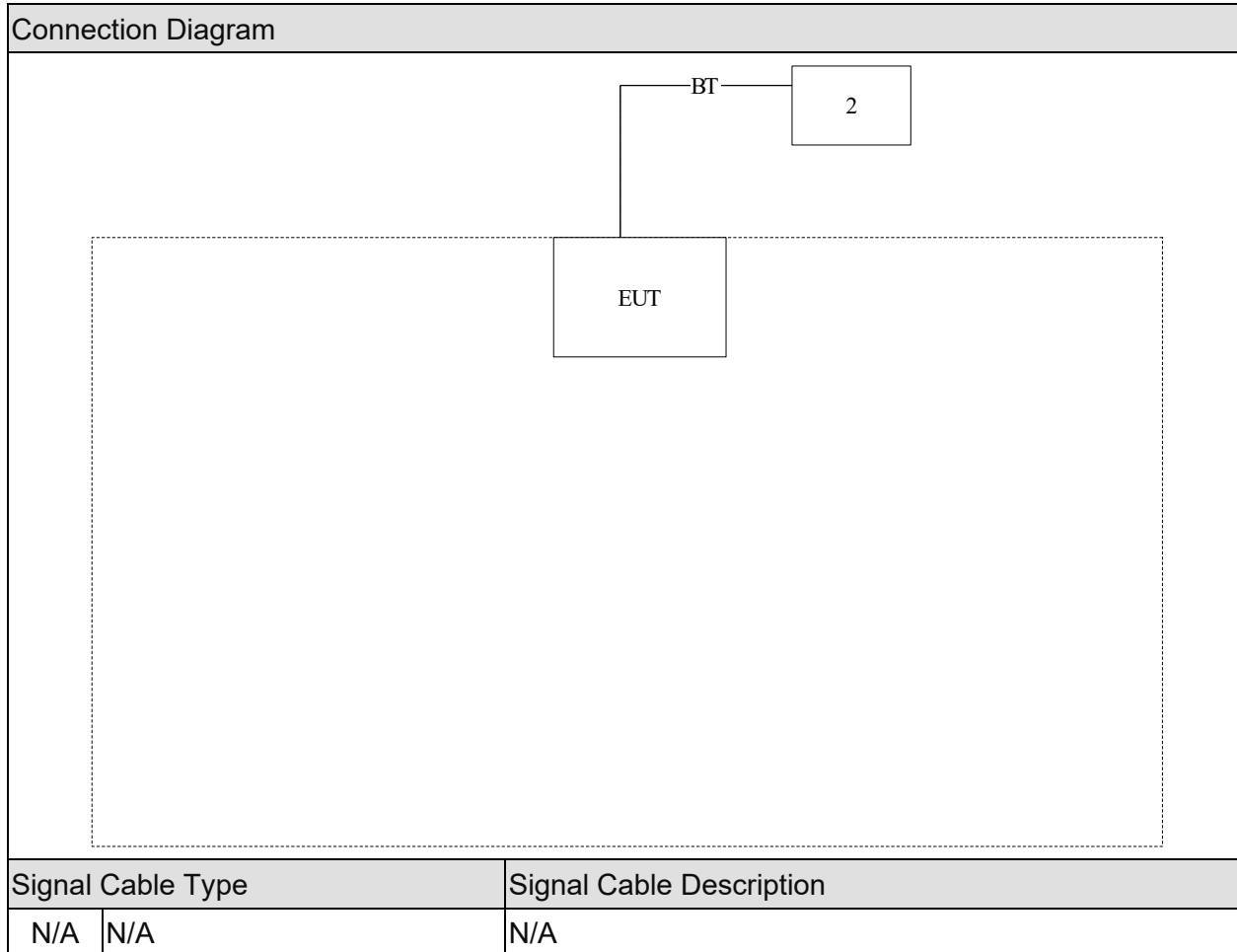
Product		Manufacturer	Model No.	Serial No.	Powered Cord
1	Adaptor	XIAOMI	TPA-10M050100VU01	N/A	N/A
2	Phone	XIAOMI	XIAOMI15	N/A	Powered by Battery

1.4 Configuration of Tested System

Mode 1&3



Mode 2&4



1.5 EUT Exercise Software

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of all equipment.
3	Confirm the EUT working normally.
4	Start test.

2 Technical Test

2.1 Summary of Test Result

- ☒ No deviations from the test standards
☐ Deviations from the test standards as below description:

Emission			
Performed Test Item	Normative References	Test Performed	Deviation
Conducted disturbance	FCC CFR Title 47 Part 15 Subpart B: 2023 ANSI C63.4: 2014	Yes	No
Radiated disturbance	FCC CFR Title 47 Part 15 Subpart B: 2023 ANSI C63.4: 2014	Yes	No

2.2 List of Test Equipment

Conducted Emission / TR1						
Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date	Used In
EMI Test Receiver	R&S	ESR7	102086	2025.01.11	2026.01.10	☒
Two-Line V-Network	R&S	ENV216	101190	2025.01.18	2026.01.17	☒
Two-Line V-Network	R&S	ENV216	102281	2025.03.23	2026.03.22	☐
Two-Line V-Network	R&S	ENV216	101044	2024.10.26	2025.10.25	☐
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2025.03.16	2026.03.15	☒
Coaxial Cable	Huber+Suhner	RG 223	TR1-C1	2025.03.16	2026.03.15	☒
Temperature/Humidity Meter	RTS	RTS-1909	THM-012	2025.04.30	2026.04.29	☒
Software	Quietek	EMI_V3	V3.0.0	N/A	N/A	☒
Shielding room	Quietek	4.9m*4m*3m	TR1	2023.03.04	2028.03.03	☒

Radiated Emission / AC1						
Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date	Used In
EMI Test Receiver	R&S	ESCI	100175	2025.03.23	2026.03.22	☒
EMI Test Receiver	R&S	ESCI	100726	2025.05.18	2026.05.17	☒
Bilog Antenna	SCHWARZBECK	VULB 9168	01431	2024.08.10	2025.08.09	☐
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	01100	2025.05.28	2026.05.27	☒
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	01099	2025.03.23	2026.03.22	☒
Coaxial Cable	Huber+Suhner	RG 214_U	AC1-L	2025.03.16	2026.03.15	☒
Coaxial Cable	Huber+Suhner	RG 214_U	AC1-R	2025.03.16	2026.03.15	☒
Temperature/Humidity Meter	RTS	RTS-1909	THM-011	2025.04.30	2026.04.29	☒
Software	Tonscend	JS32-RE	5.0.0	N/A	N/A	☒
Pre-amplifier	TESEQ	LNA 6901	80381	2025.06.18	2026.06.17	☒
Pre-amplifier	TESEQ	LNA 6901	80382	2025.06.17	2026.06.16	☒
Anechoic chamber	Quietek	21m*13m*8m	AC1	2025.03.02	2030.03.01	☒

Radiated Emission / AC5						
Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date	Used In
MXA Signal	Keysight	N9020B	MY60112218	2024.11.02	2025.11.01	☒

Radiated Emission / AC5

Instrument	Manufacturer	Model No.	Serial No.	Cali. Date	Cali. Due Date	Used In
Analyzer						
Pre-Amplifier	XH	LNA1845	LNA23040284	2025.05.17	2026.05.16	☒
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2024.08.29	2025.08.28	☒
Filter Switch Box	MVE	MSW-F196	C070001S	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-NMNW M-6.5M	502201001001	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-SWMS WM-0.6M	502201005001	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-NMNW M-3M	502201002001	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-NMNW M-1.2M	202201003001	2025.03.15	2026.03.14	☒
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2025.06.22	2026.06.21	☒
Amplifier	Tonscend Technology	TAP01840048	806JSAP0429 06251036	2025.06.30	2026.06.29	☒
Cable	Rosenberger	LA1-C390-200 0	0001	2025.05.17	2026.05.16	☒
Cable	Rosenberger	LA1-C390-300 0	0001	2025.05.17	2026.05.16	☒
Temperature/Humidity Meter	RTS	RTS-1909	THM-024	2025.04.30	2026.04.29	☒
Software	Tonscend	JS32-RE	5.0.0	N/A	N/A	☒
Anechoic chamber	Quietek	9m*6m*6m	AC5	2024.04.21	2028.04.20	☒

2.3 Test Environment

Tests have been performed in a controlled laboratory environment, where the environmental conditions are maintained within the applicable ranges.

Performed Item	Items	Actual
Conducted Emission	Temperature (°C)	23
	Humidity (%RH)	40
	Barometric pressure (mbar)	1012
Radiated Emission (30~1000 MHz)	Temperature (°C)	26
	Humidity (%RH)	53
	Barometric pressure (mbar)	1008
Radiated Emission (1~40 GHz)	Temperature (°C)	24
	Humidity (%RH)	60
	Barometric pressure (mbar)	1020

2.4 Measurement Uncertainty

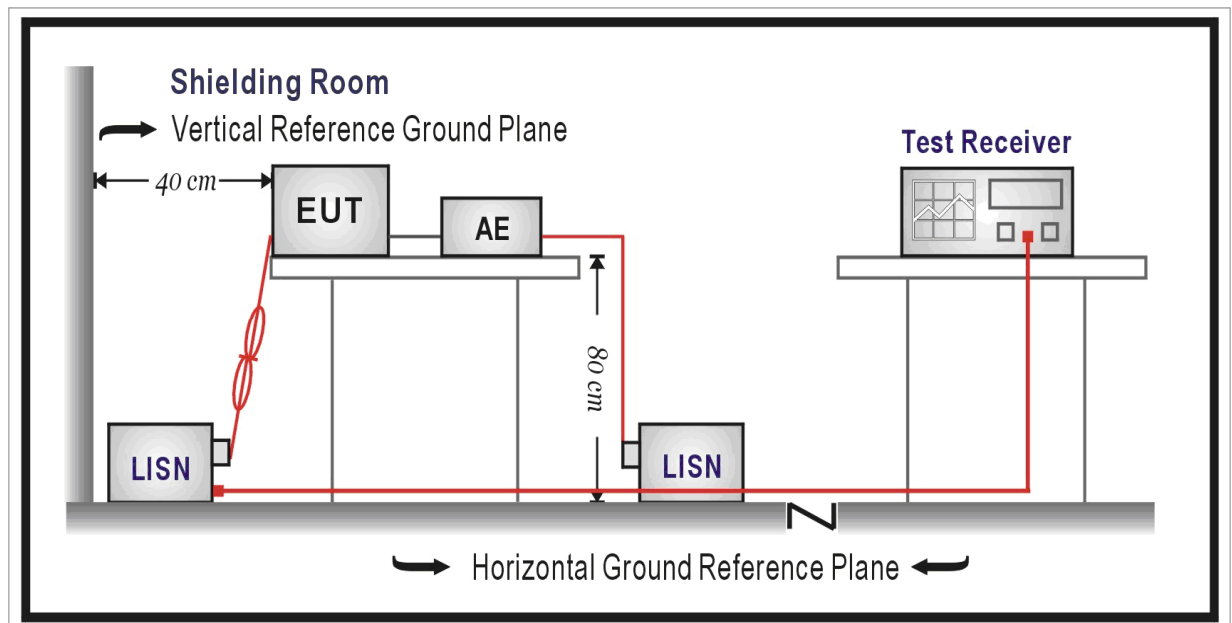
Conducted emissions – AC mains power ports / TR1
The maximum measurement uncertainty is evaluated as: Mains: 150kHz~30MHz: 2.6 dB
Radiated emission / AC1
The maximum measurement uncertainty is evaluated as: Horizontal: 30MHz~200MHz: 4.9 dB 200MHz~1000MHz: 4.5 dB Vertical: 30MHz~200MHz: 4.7 dB 200MHz~1000MHz: 4.5 dB
Radiated emission / AC5
The maximum measurement uncertainty is evaluated as: Horizontal: 1 GHz~18 GHz: 5.2 dB Vertical: 1 GHz~18 GHz: 5.4 dB Horizontal: 18 GHz~40 GHz: 4.7 dB Vertical: 18 GHz~40 GHz: 4.6 dB

3 Conducted disturbance

3.1 Test Specification

According to Standard: FCC Part 15.107:2023, ANSI C63.4:2014

3.2 Test Setup



3.3 Limit

☐ Limits for conducted disturbance of class A		
Frequency range MHz	Limits dB(μV)	
	Quasi-peak	Average
0.15 to 0.50	79	66
0.50 to 30	73	60
NOTE: The lower limit shall apply at the transition frequency.		

☒ Limits for conducted disturbance of class B		
Frequency range MHz	Limits dB(μV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
NOTE 1: The lower limit shall apply at the transition frequencies.		
NOTE 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.		

3.4 Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50Ω / 50μH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50Ω / 50μH coupling impedance with 50Ω termination. (Please refer to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

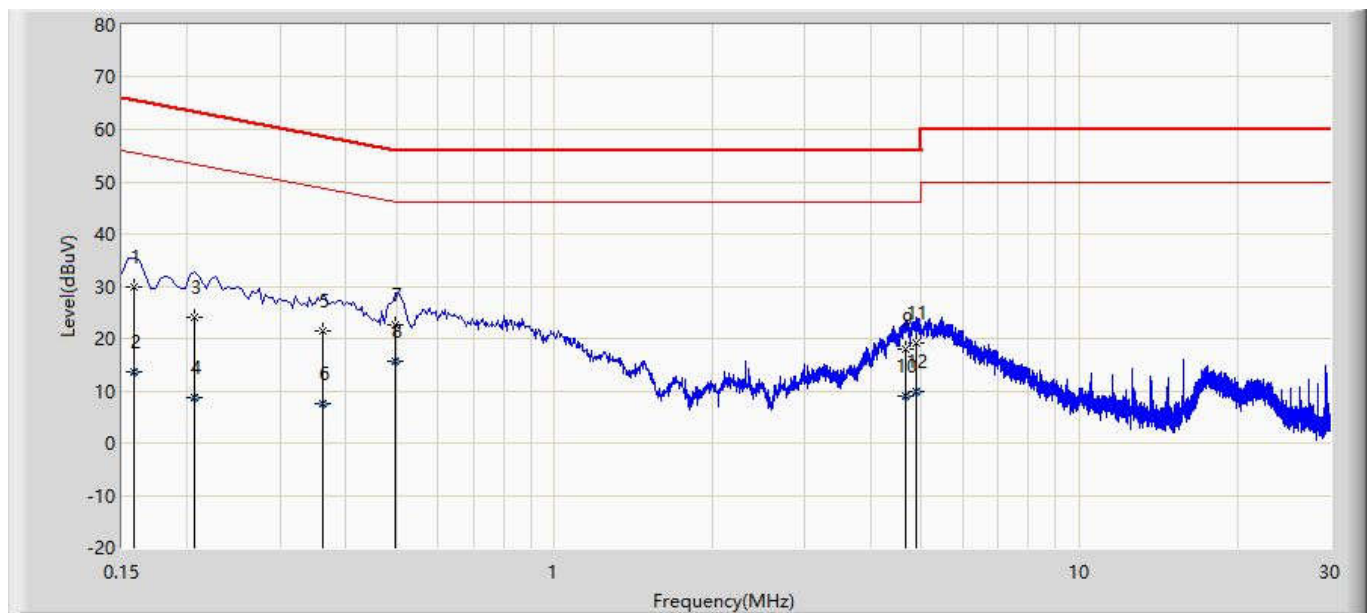
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5 Deviation from Test Standard

No deviation.

3.6 Test Result

Engineer: Jim Fu	
Site: TR1	Time: 2025/08/19
Limit: FCC Part 15_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Line
EUT: Wireless Earphones	Power: 120 Vac, 60 Hz
Note: Mode 1	



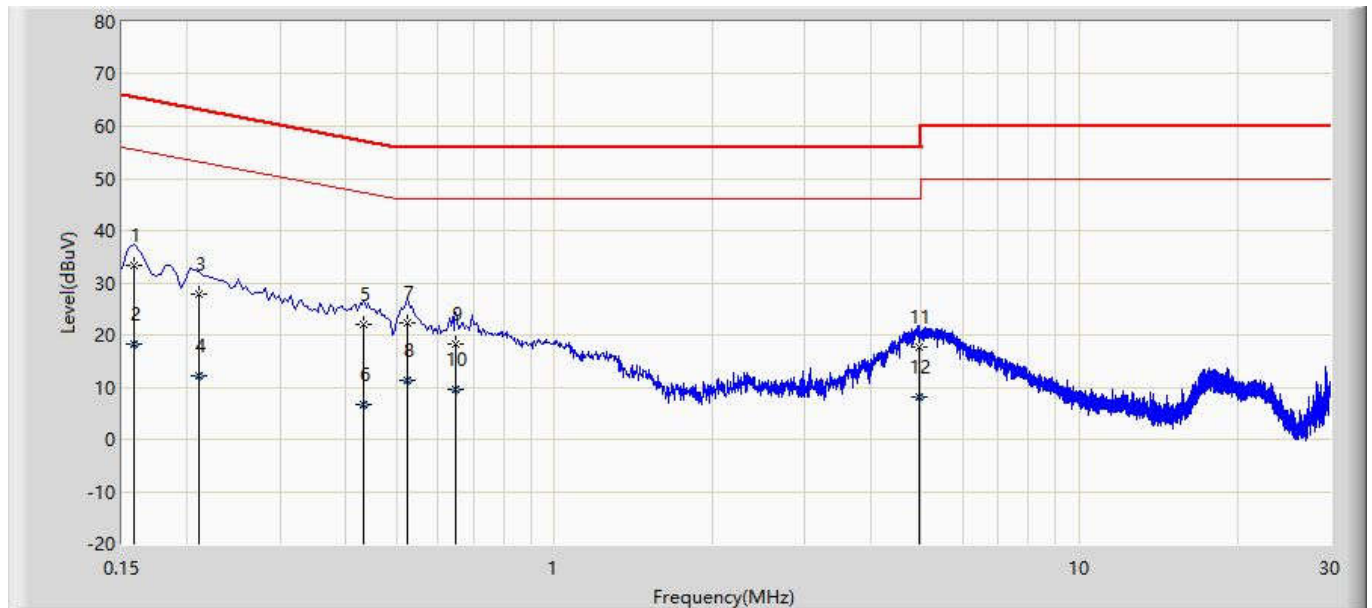
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.158	29.939	20.415	-35.629	65.568	9.502	0.022	0.000	QP
2		0.158	13.659	4.135	-41.910	55.568	9.502	0.022	0.000	AV
3		0.206	23.998	14.463	-39.367	63.365	9.511	0.024	0.000	QP
4		0.206	8.664	-0.871	-44.701	53.365	9.511	0.024	0.000	AV
5		0.362	21.321	11.760	-37.361	58.682	9.533	0.029	0.000	QP
6		0.362	7.537	-2.025	-41.146	48.682	9.533	0.029	0.000	AV
7		0.498	22.509	12.936	-33.525	56.033	9.539	0.033	0.000	QP
8	*	0.498	15.585	6.012	-30.449	46.033	9.539	0.033	0.000	AV
9		4.658	17.985	8.237	-38.015	56.000	9.611	0.137	0.000	QP
10		4.658	9.081	-0.667	-36.919	46.000	9.611	0.137	0.000	AV
11		4.890	19.031	9.275	-36.969	56.000	9.617	0.139	0.000	QP
12		4.890	9.971	0.215	-36.029	46.000	9.617	0.139	0.000	AV

Note:

1. " * ", means this data is the worst emission level.

2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Jim Fu	
Site: TR1	Time: 2025/08/19
Limit: FCC Part 15_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Neutral
EUT: Wireless Earphones	Power: 120 Vac, 60 Hz
Note: Mode 1	

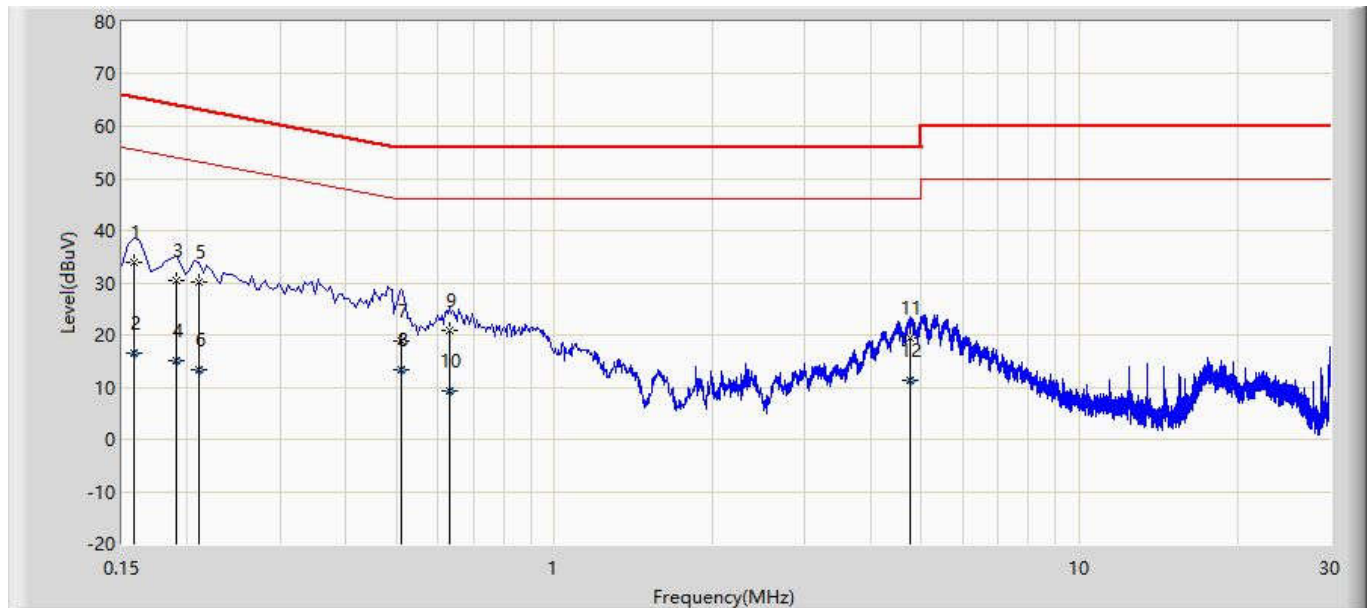


No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1	*	0.158	33.433	23.917	-32.136	65.568	9.494	0.022	0.000	QP
2		0.158	18.226	8.710	-37.343	55.568	9.494	0.022	0.000	AV
3		0.210	27.745	18.212	-35.460	63.205	9.510	0.024	0.000	QP
4		0.210	12.057	2.523	-41.149	53.205	9.510	0.024	0.000	AV
5		0.434	21.890	12.333	-35.285	57.176	9.526	0.031	0.000	QP
6		0.434	6.609	-2.949	-40.567	47.176	9.526	0.031	0.000	AV
7		0.526	22.404	12.838	-33.596	56.000	9.531	0.034	0.000	QP
8		0.526	11.367	1.802	-34.633	46.000	9.531	0.034	0.000	AV
9		0.650	18.204	8.628	-37.796	56.000	9.537	0.038	0.000	QP
10		0.650	9.505	-0.071	-36.495	46.000	9.537	0.038	0.000	AV
11		4.946	17.755	7.997	-38.245	56.000	9.619	0.140	0.000	QP
12		4.946	8.111	-1.647	-37.889	46.000	9.619	0.140	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Jim Fu	
Site: TR1	Time: 2025/08/19
Limit: FCC Part 15_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Line
EUT: Wireless Earphones	Power: 120 Vac, 60 Hz
Note: Mode 3	

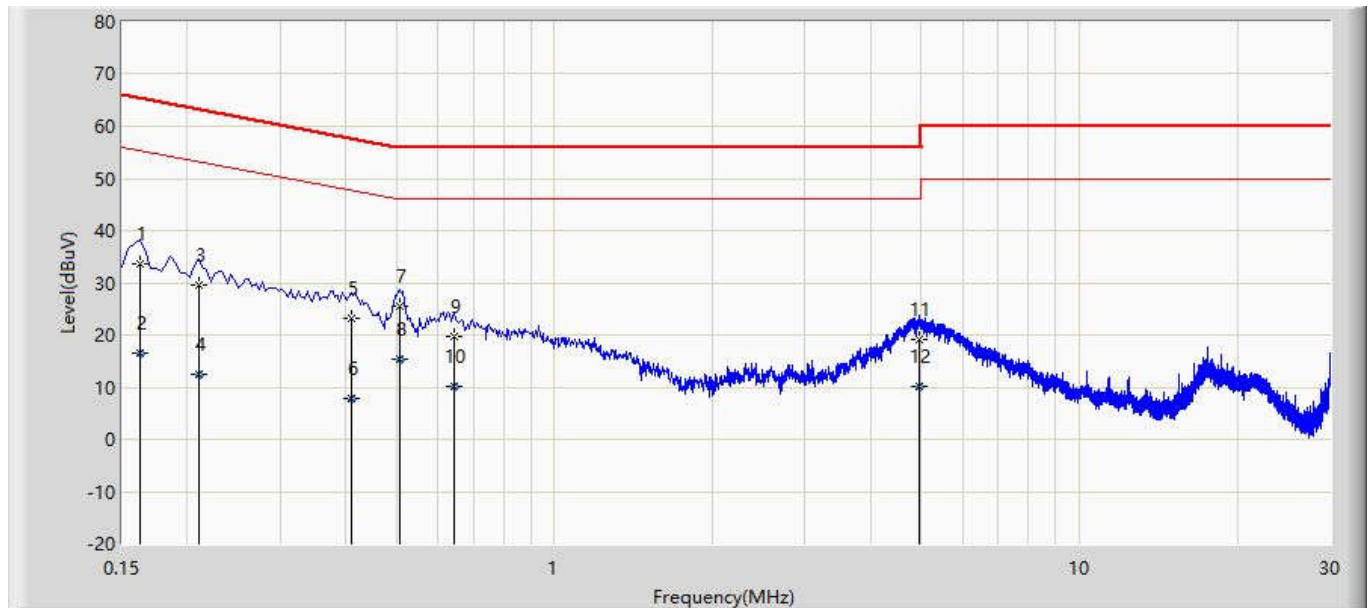


No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1	*	0.158	33.891	24.367	-31.678	65.568	9.502	0.022	0.000	QP
2		0.158	16.614	7.090	-38.954	55.568	9.502	0.022	0.000	AV
3		0.190	30.534	21.002	-33.503	64.037	9.508	0.023	0.000	QP
4		0.190	15.172	5.641	-38.865	54.037	9.508	0.023	0.000	AV
5		0.210	30.089	20.553	-33.116	63.205	9.512	0.024	0.000	QP
6		0.210	13.206	3.670	-40.000	53.205	9.512	0.024	0.000	AV
7		0.510	18.745	9.172	-37.255	56.000	9.540	0.034	0.000	QP
8		0.510	13.256	3.682	-32.744	46.000	9.540	0.034	0.000	AV
9		0.630	20.873	11.296	-35.127	56.000	9.540	0.038	0.000	QP
10		0.630	9.240	-0.338	-36.760	46.000	9.540	0.038	0.000	AV
11		4.766	19.539	9.787	-36.461	56.000	9.614	0.138	0.000	QP
12		4.766	11.437	1.686	-34.563	46.000	9.614	0.138	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Jim Fu	
Site: TR1	Time: 2025/08/19
Limit: FCC Part 15_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)	Polarity: Neutral
EUT: Wireless Earphones	Power: 120 Vac, 60 Hz
Note: Mode 3	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.162	33.734	24.216	-31.627	65.361	9.495	0.022	0.000	QP
2		0.162	16.516	6.999	-38.844	55.361	9.495	0.022	0.000	AV
3		0.210	29.524	19.990	-33.681	63.205	9.510	0.024	0.000	QP
4		0.210	12.433	2.899	-40.772	53.205	9.510	0.024	0.000	AV
5		0.410	23.233	13.677	-34.415	57.648	9.525	0.030	0.000	QP
6		0.410	7.958	-1.597	-39.690	47.648	9.525	0.030	0.000	AV
7		0.506	25.377	15.814	-30.623	56.000	9.530	0.034	0.000	QP
8	*	0.506	15.432	5.868	-30.568	46.000	9.530	0.034	0.000	AV
9		0.646	19.851	10.275	-36.149	56.000	9.537	0.038	0.000	QP
10		0.646	10.150	0.574	-35.850	46.000	9.537	0.038	0.000	AV
11		4.938	19.104	9.346	-36.896	56.000	9.618	0.139	0.000	QP
12		4.938	10.166	0.408	-35.834	46.000	9.618	0.139	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

3.7 Test Photograph

Remark: The test setup photo please see appendix.

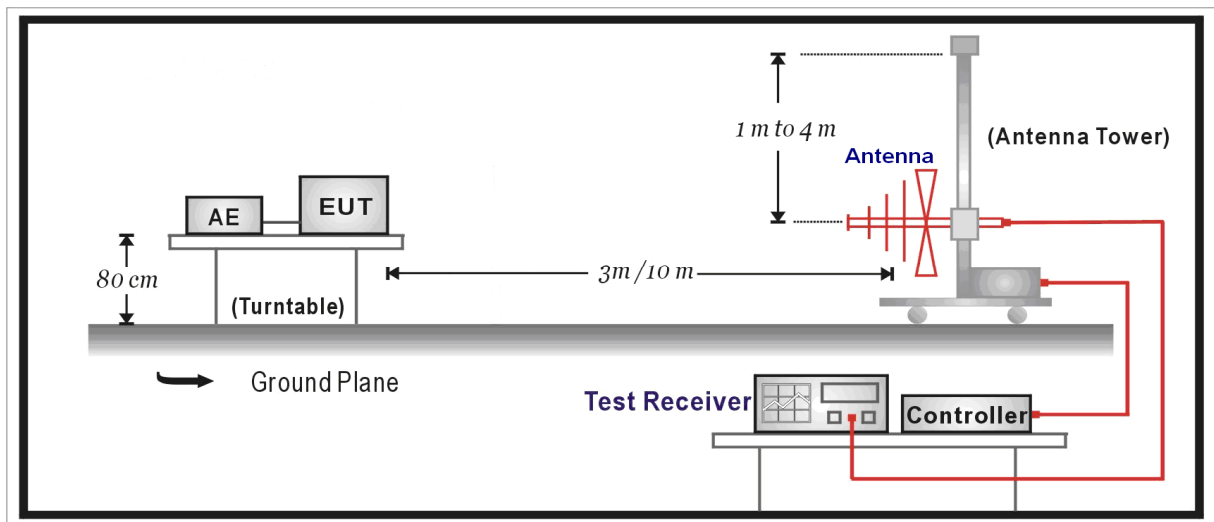
4 Radiated disturbance

4.1 Test Specification

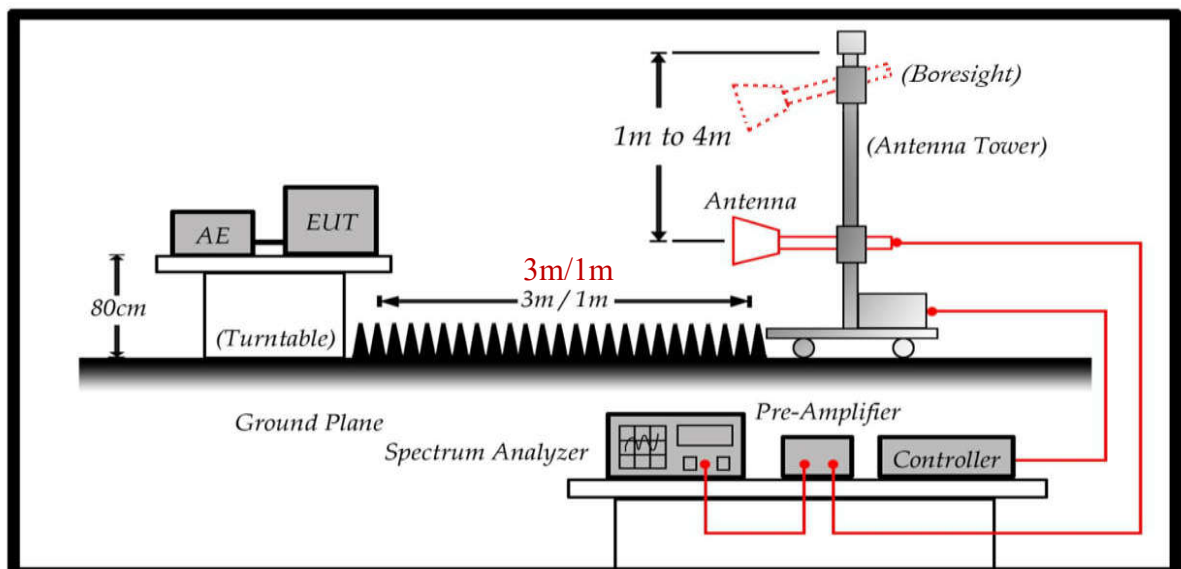
According to Standard: FCC Part 15.109:2023, ANSI C63.4:2014

4.2 Test Setup

Below 1GHz Test Setup



Above 1GHz Test Setup



4.3 Limit

☐ Limits for Radiated disturbance of CLASS A

Measuring Distance	10m	3m
Frequency of Emission (MHz)	Field Strength(QP) dB(μ V/m)	Field Strength(QP) dB(μ V/m)
30 to 88	39	49
88 to 216	43.5	53.5
216 to 960	46.4	56.4
960 to 1000	49.5	59.5

NOTE: The lower limit shall apply at the transition frequency.

Measuring Distance	10m		3m	
Frequency of Emission (MHz)	Field Strength(PK) dB(μ V/m)	Field Strength(AV) dB(μ V/m)	Field Strength(PK) dB(μ V/m)	Field Strength(AV) dB(μ V/m)
1000 to 18000	70	50	80	60
18000 to 40000	70	50	80	60

☒ Limits for Radiated disturbance of CLASS B

Measuring Distance	10m	3m
Frequency of Emission (MHz)	Field Strength(QP) dB(μ V/m)	Field Strength(QP) dB(μ V/m)
30 to 88	30	40
88 to 216	33.5	43.5
216 to 960	36	46
960 to 1000	44	54

NOTE: The lower limit shall apply at the transition frequency.

Measuring Distance	10m		3m	
Frequency of Emission (MHz)	Field Strength(PK) dB(μ V/m)	Field Strength(AV) dB(μ V/m)	Field Strength(PK) dB(μ V/m)	Field Strength(AV) dB(μ V/m)
1000 to 18000	64	44	74	54
18000 to 40000	64	44	74	54

4.4 Test Procedure

The EUT and its simulators are placed on a turntable which is 0.8 meter above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. The antenna (boresight antenna tower) can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be changed during radiated measurement.

The bandwidth below 1GHz setting on the receiver is 120kHz and above 1GHz is 1MHz.

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 to 108	1000
108 to 500	2000
500 to 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40GHz, whichever is lower

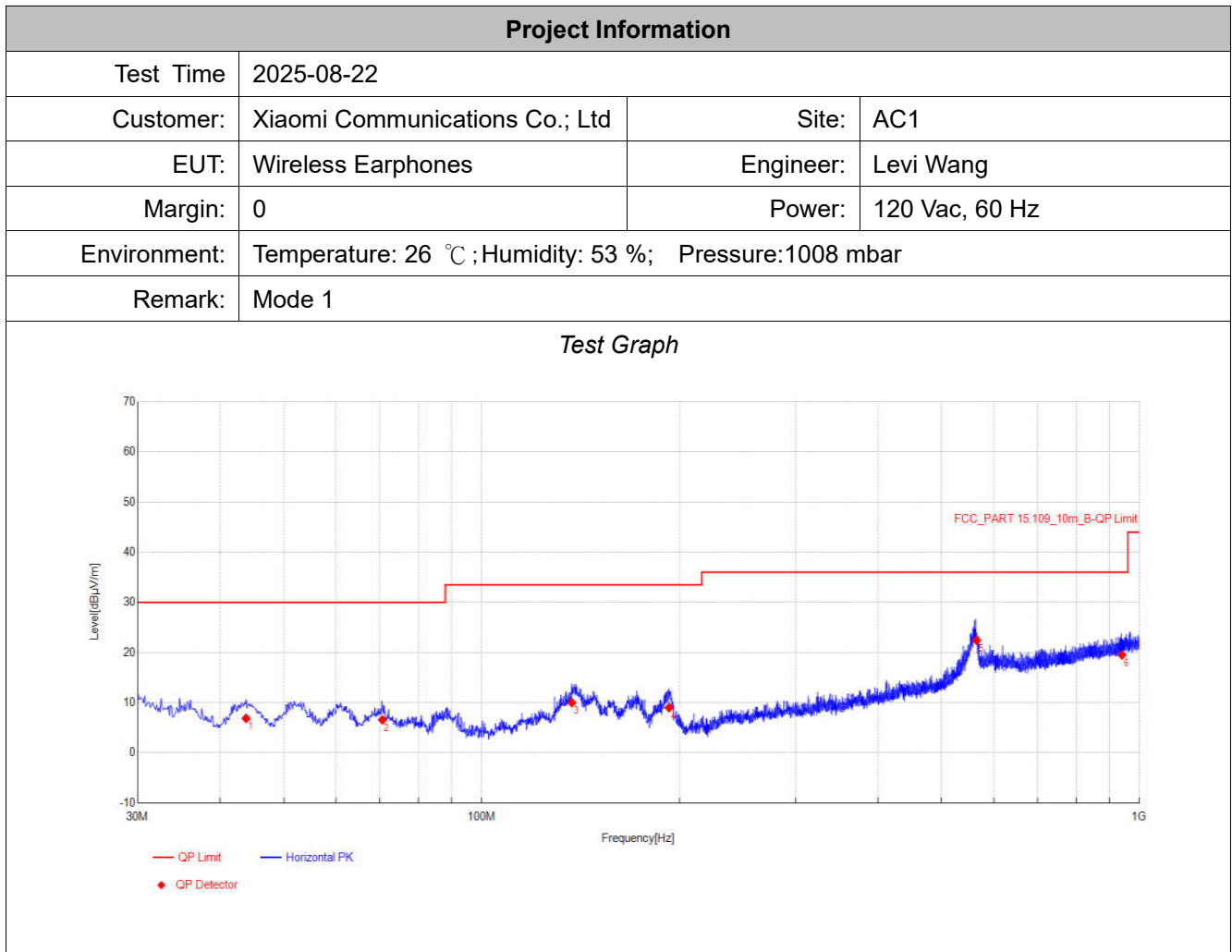
On any frequency or frequencies below or equal to 1000MHz, the radiated limits shown are based on measuring equipment employing a quasi-peak detector function and above 1000MHz, the radiated limits shown are based measuring equipment employing an average detector function.

When average radiated emission measurement included emission measurement above 1000MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.

4.5 Deviation from Test Standard

No deviation.

4.6 Test Result



Final Data List									
NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	43.8225	21.35	6.84	30.00	-23.16	-14.51	195	253	Horizontal
2	70.6188	22.73	6.56	30.00	-23.44	-16.17	100	228	Horizontal
3	137.0638	24.41	9.98	33.50	-23.52	-14.43	162	346	Horizontal
4	192.5963	25.02	8.99	33.50	-24.51	-16.03	175	29	Horizontal
5	565.0763	28.16	22.42	36.00	-13.58	-5.74	290	224	Horizontal
6	939.9813	18.29	19.50	36.00	-16.5	1.21	380	330	Horizontal

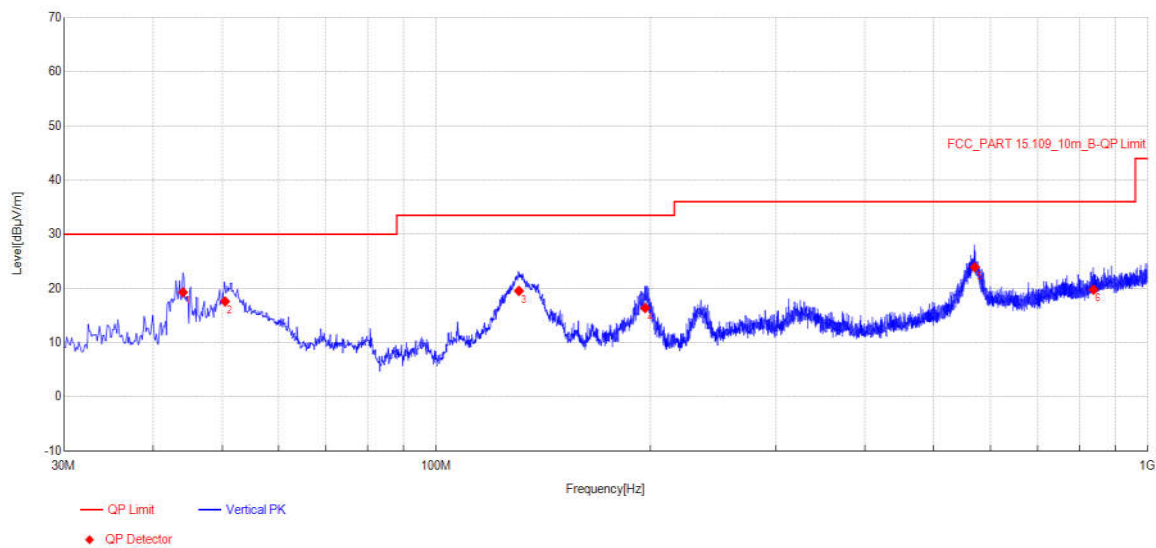
Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information

Test Time	2025-08-22		
Customer:	Xiaomi Communications Co.; Ltd	Site:	AC1
EUT:	Wireless Earphones	Engineer:	Levi Wang
Margin:	0	Power:	120 Vac, 60 Hz
Environment:	Temperature: 26 °C ; Humidity: 53 %; Pressure: 1008 mbar		
Remark:	Mode 1		

Test Graph



Final Data List

NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	44.0650	33.41	19.28	30.00	-10.72	-14.13	100	238	Vertical
2	50.4913	31.71	17.58	30.00	-12.42	-14.13	247	318	Vertical
3	130.6375	34.32	19.53	33.50	-13.97	-14.79	139	326	Vertical
4	196.5975	32.49	16.36	33.50	-17.14	-16.13	194	190	Vertical
5	570.8963	29.37	23.91	36.00	-12.09	-5.46	269	297	Vertical
6	838.4950	19.19	19.76	36.00	-16.24	0.57	158	96	Vertical

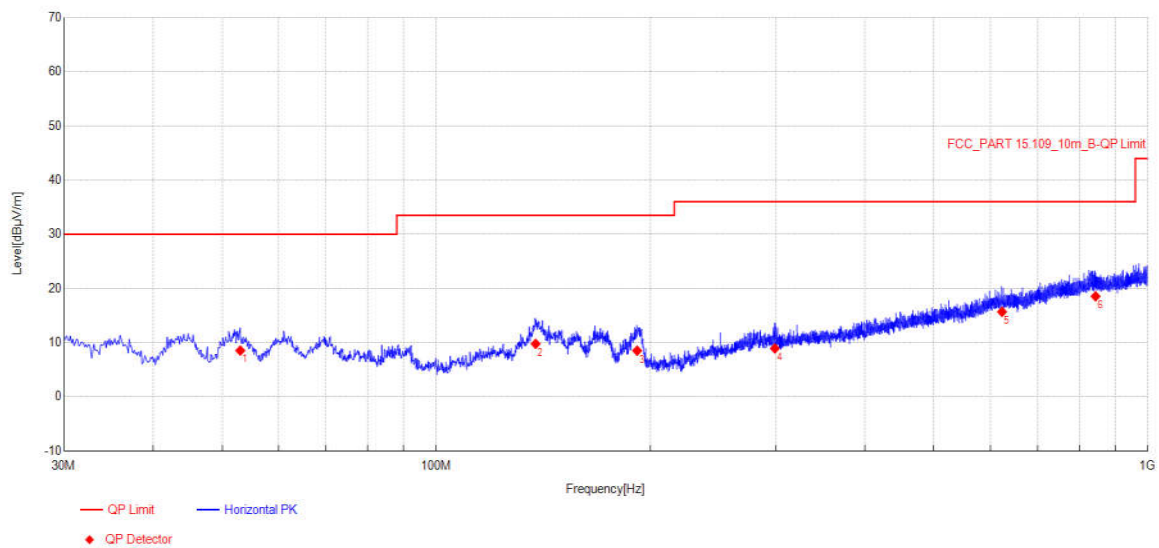
Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information

Test Time	2025-08-22		
Customer:	Xiaomi Communications Co.; Ltd	Site:	AC1
EUT:	Wireless Earphones	Engineer:	Levi Wang
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 26 °C ; Humidity: 53 %; Pressure: 1008 mbar		
Remark:	Mode 2		

Test Graph



Final Data List

NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	53.0375	22.8	8.52	30.00	-21.48	-14.28	155	20	Horizontal
2	137.9125	24.05	9.76	33.50	-23.74	-14.29	100	170	Horizontal
3	191.5050	24.48	8.50	33.50	-25	-15.98	191	265	Horizontal
4	299.0538	21.34	8.91	36.00	-27.09	-12.43	168	298	Horizontal
5	623.5188	19.5	15.67	36.00	-20.33	-3.83	234	351	Horizontal
6	843.9513	18.14	18.53	36.00	-17.47	0.39	335	359	Horizontal

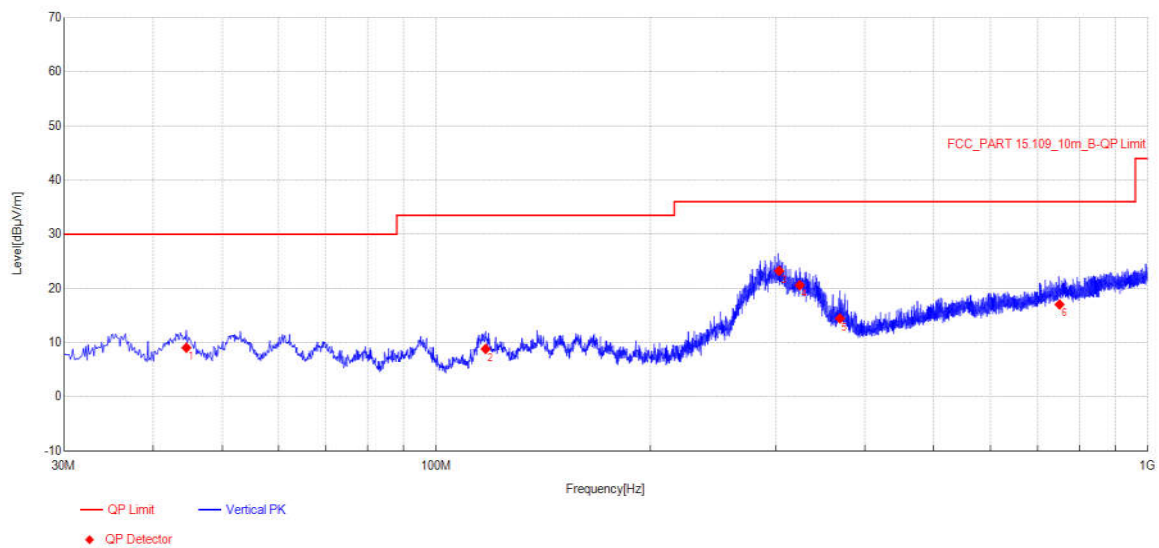
Note: (1) QP Value = QP Reading + Factor

(2) QP Over = QP Value - QP Limit

Project Information

Test Time	2025-08-22		
Customer:	Xiaomi Communications Co.; Ltd	Site:	AC1
EUT:	Wireless Earphones	Engineer:	Levi Wang
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 26 °C ; Humidity: 53 %; Pressure: 1008 mbar		
Remark:	Mode 2		

Test Graph



Final Data List

NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	44.5500	23.14	9.04	30.00	-20.96	-14.10	100	0	Vertical
2	117.3000	24.86	8.81	33.50	-24.69	-16.05	132	350	Vertical
3	303.1763	35.23	23.23	36.00	-12.77	-12.00	264	208	Vertical
4	324.1525	31.77	20.58	36.00	-15.42	-11.19	145	218	Vertical
5	369.1363	24.61	14.44	36.00	-21.56	-10.17	215	276	Vertical
6	751.0738	17.88	17.03	36.00	-18.97	-0.85	278	209	Vertical

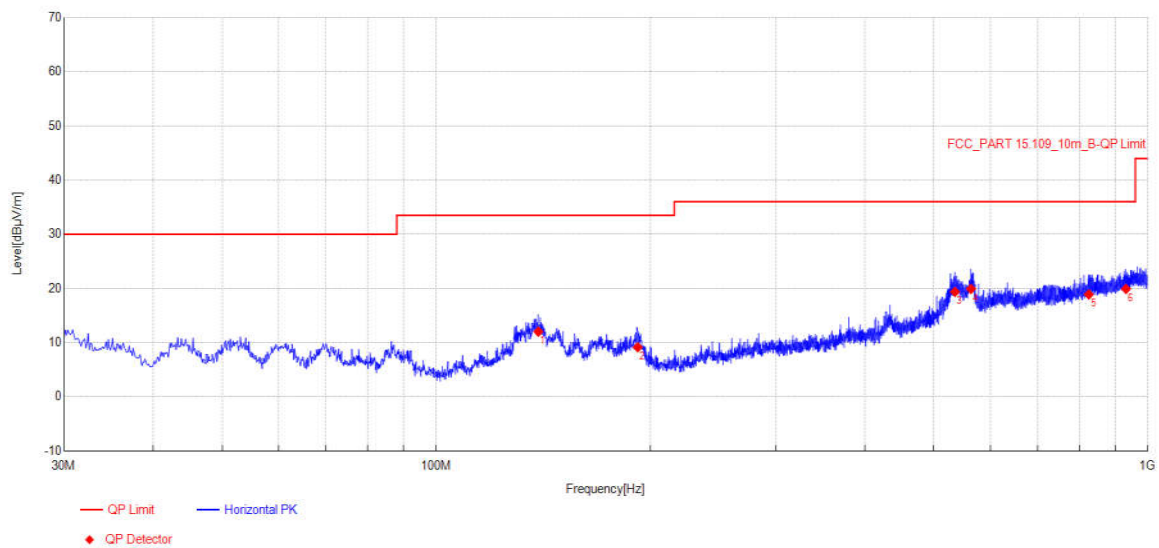
Note: (1) QP Value = QP Reading + Factor

(2) QP Over = QP Value - QP Limit

Project Information

Test Time	2025-08-22		
Customer:	Xiaomi Communications Co.; Ltd	Site:	AC1
EUT:	Wireless Earphones	Engineer:	Levi Wang
Margin:	0	Power:	120 Vac, 60 Hz
Environment:	Temperature: 26 °C ; Humidity: 53 %; Pressure: 1008 mbar		
Remark:	Mode 3		

Test Graph



Final Data List

NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	139.1250	26.29	12.01	33.50	-21.49	-14.28	170	75	Horizontal
2	191.8688	25.12	9.14	33.50	-24.36	-15.98	100	207	Horizontal
3	535.4913	25.4	19.35	36.00	-16.65	-6.05	272	327	Horizontal
4	563.9850	25.63	19.90	36.00	-16.1	-5.73	138	127	Horizontal
5	825.7638	18.71	18.87	36.00	-17.13	0.16	130	80	Horizontal
6	931.2513	18.97	19.90	36.00	-16.1	0.93	330	234	Horizontal

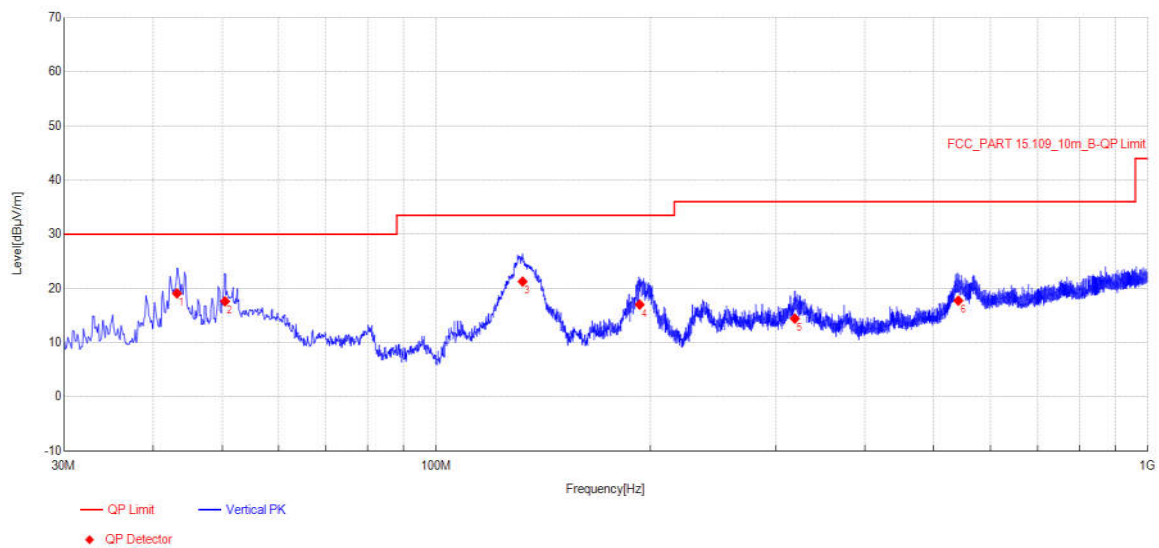
Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information

Test Time	2025-08-22		
Customer:	Xiaomi Communications Co.; Ltd	Site:	AC1
EUT:	Wireless Earphones	Engineer:	Levi Wang
Margin:	0	Power:	120 Vac, 60 Hz
Environment:	Temperature: 26 °C ; Humidity: 53 %; Pressure: 1008 mbar		
Remark:	Mode 3		

Test Graph



Final Data List

NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	43.2163	33.3	19.07	30.00	-10.93	-14.23	100	75	Vertical
2	50.4913	31.73	17.60	30.00	-12.4	-14.13	200	69	Vertical
3	132.2138	35.87	21.26	33.50	-12.24	-14.61	100	108	Vertical
4	193.0813	33.01	17.00	33.50	-16.5	-16.01	100	96	Vertical
5	318.9388	25.78	14.42	36.00	-21.58	-11.36	100	135	Vertical
6	541.4325	23.4	17.73	36.00	-18.27	-5.67	100	190	Vertical

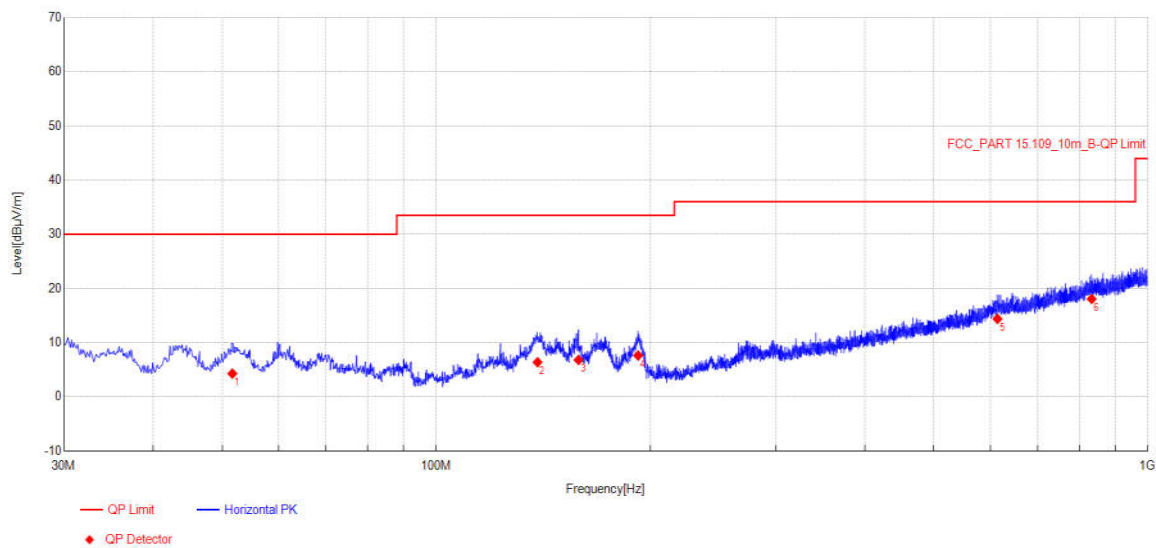
Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information

Test Time	2025-08-22		
Customer:	Xiaomi Communications Co.; Ltd	Site:	AC1
EUT:	Wireless Earphones	Engineer:	Levi Wang
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 26 °C ; Humidity: 53 %; Pressure: 1008 mbar		
Remark:	Mode 4		

Test Graph



Final Data List

NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	51.7038	18.38	4.26	30.00	-25.74	-14.12	161	337	Horizontal
2	138.7613	20.65	6.36	33.50	-27.14	-14.29	100	194	Horizontal
3	158.4038	20.34	6.78	33.50	-26.72	-13.56	309	18	Horizontal
4	192.1113	23.61	7.61	33.50	-25.89	-16.00	169	19	Horizontal
5	614.4250	18.25	14.37	36.00	-21.63	-3.88	271	343	Horizontal
6	833.2813	17.76	18.04	36.00	-17.96	0.28	242	351	Horizontal

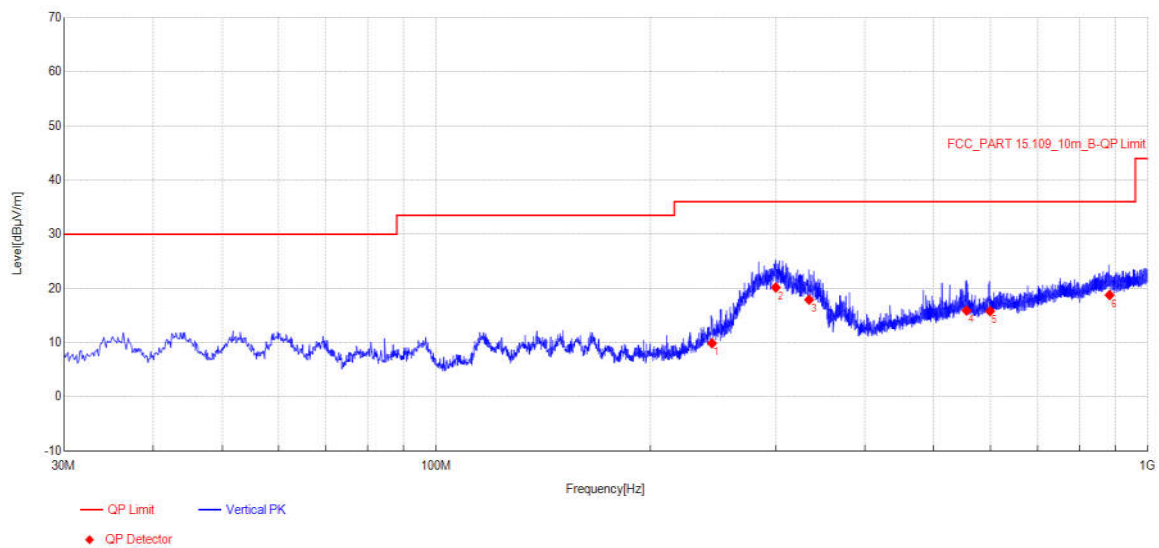
Note: (1) QP Value = QP Reading + Factor

(2) QP Over = QP Value - QP Limit

Project Information

Test Time	2025-08-22		
Customer:	Xiaomi Communications Co.; Ltd	Site:	AC1
EUT:	Wireless Earphones	Engineer:	Levi Wang
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 26 °C ; Humidity: 53 %; Pressure: 1008 mbar		
Remark:	Mode 4		

Test Graph



Final Data List

NO.	Frequency [MHz]	QP Reading [dBμV/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Pol
1	244.0063	24.08	9.86	36.00	-26.14	-14.22	100	39	Vertical
2	299.9025	32.32	20.16	36.00	-15.84	-12.16	100	197	Vertical
3	334.0950	28.8	17.90	36.00	-18.1	-10.90	197	205	Vertical
4	555.9825	21.21	15.90	36.00	-20.1	-5.31	198	58	Vertical
5	599.8750	19.74	15.80	36.00	-20.2	-3.94	257	252	Vertical
6	883.1150	17.42	18.76	36.00	-17.24	1.34	306	95	Vertical

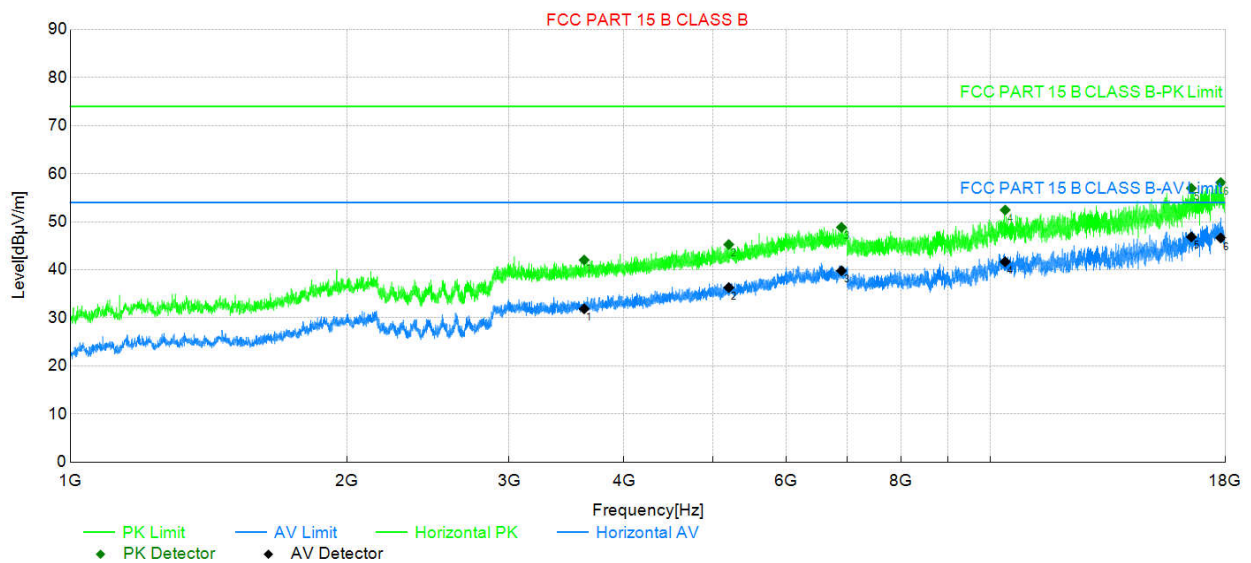
Note: (1) QP Value = QP Reading + Factor

(2) QP Over = QP Value - QP Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	120Vac;60Hz
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 1		

Test Graph



Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	3620.1935	47.01	42.05	-4.96	74.00	-31.95	100	346	PK	Horizontal
1	3620.1935	36.85	31.89	-4.96	54.00	-22.11	100	346	AV	Horizontal
2	5199.5484	46.36	45.27	-1.09	74.00	-28.73	100	40	PK	Horizontal
2	5199.5484	37.39	36.30	-1.09	54.00	-17.7	100	40	AV	Horizontal
3	6893.5161	47.18	48.85	1.67	74.00	-25.15	100	301	PK	Horizontal
3	6893.5161	38.14	39.81	1.67	54.00	-14.19	100	301	AV	Horizontal
4	10385.0968	46.64	52.45	5.81	74.00	-21.55	100	92	PK	Horizontal
4	10385.0968	35.86	41.67	5.81	54.00	-12.33	100	92	AV	Horizontal
5	16551.1613	46.67	56.97	10.30	74.00	-17.03	100	343	PK	Horizontal
5	16551.1613	36.54	46.84	10.30	54.00	-7.16	100	343	AV	Horizontal
6	17813.0000	46.66	58.16	11.50	74.00	-15.84	100	53	PK	Horizontal
6	17813.0000	35.13	46.63	11.50	54.00	-7.37	100	53	AV	Horizontal

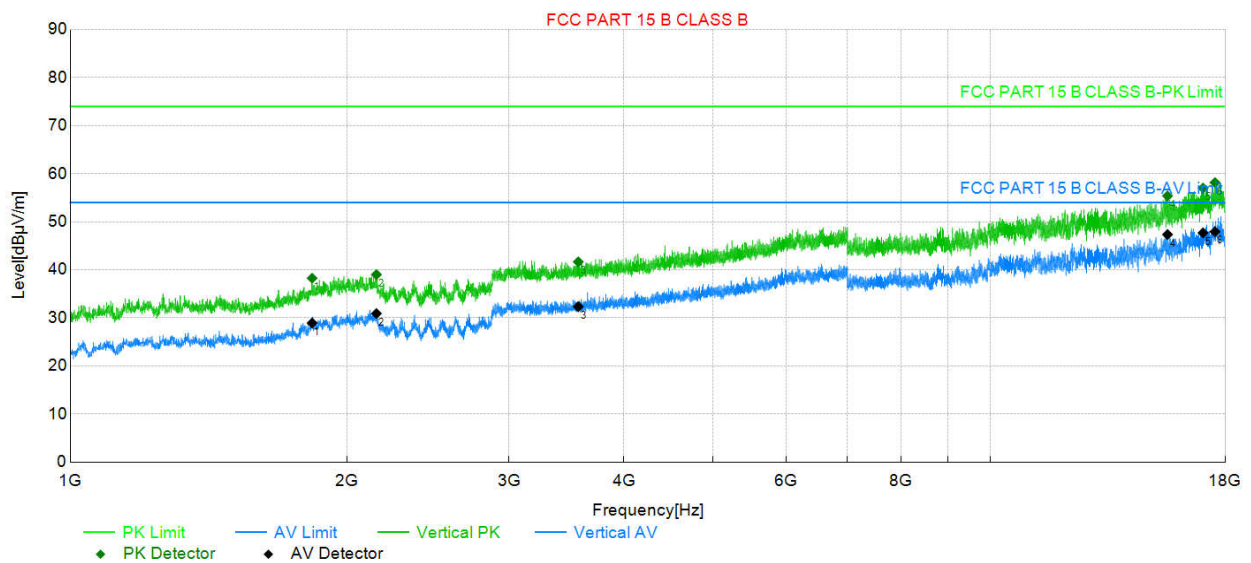
Note: (1) Level = Reading + Factor

(2) Over = Level - Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	120Vac;60Hz
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 1		

Test Graph



Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	1832.4516	48.63	38.26	-10.37	74.00	-35.74	100	208	PK	Vertical
1	1832.4516	39.31	28.94	-10.37	54.00	-25.06	100	208	AV	Vertical
2	2152.1613	47.44	39.02	-8.42	74.00	-34.98	100	230	PK	Vertical
2	2152.1613	39.32	30.90	-8.42	54.00	-23.1	100	230	AV	Vertical
3	3567.0000	46.72	41.67	-5.05	74.00	-32.33	100	27	PK	Vertical
3	3567.0000	37.38	32.33	-5.05	54.00	-21.67	100	27	AV	Vertical
4	15591.4839	46.32	55.39	9.07	74.00	-18.61	100	154	PK	Vertical
4	15591.4839	38.28	47.35	9.07	54.00	-6.65	100	154	AV	Vertical
5	17040.3226	46.48	57.02	10.54	74.00	-16.98	100	29	PK	Vertical
5	17040.3226	37.15	47.69	10.54	54.00	-6.31	100	29	AV	Vertical
6	17559.0968	47.28	58.16	10.88	74.00	-15.84	100	193	PK	Vertical
6	17559.0968	37.06	47.94	10.88	54.00	-6.06	100	193	AV	Vertical

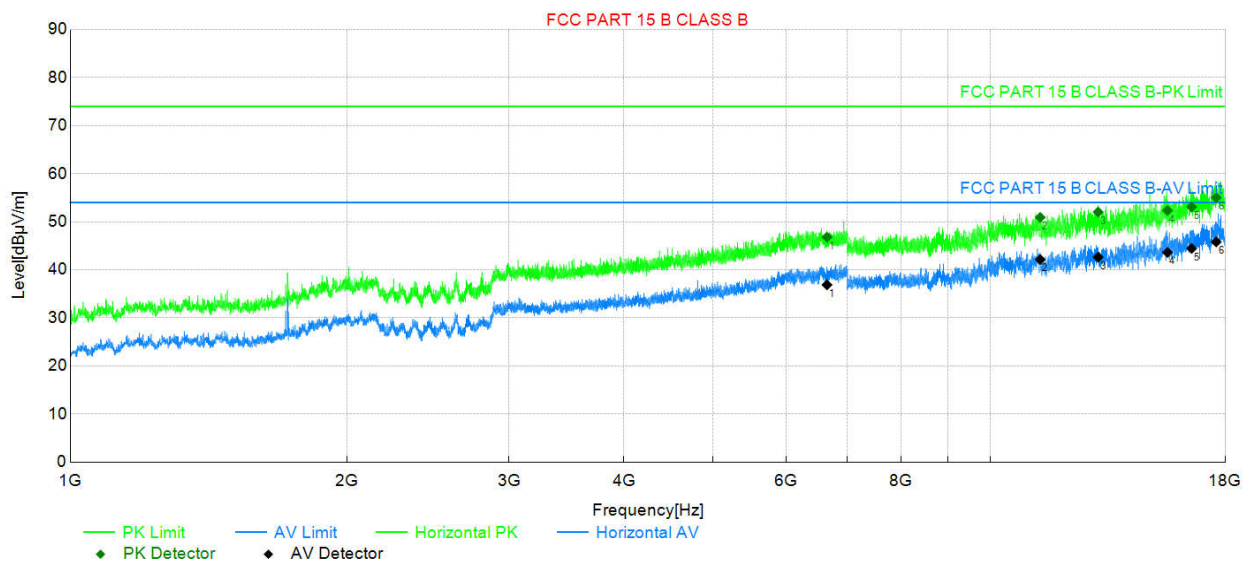
Note: (1) Level = Reading + Factor

(2) Over = Level - Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 2		

Test Graph



Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	6647.8387	45.24	46.81	1.57	74.00	-27.19	100	351	PK	Horizontal
1	6647.8387	35.31	36.88	1.57	54.00	-17.12	100	351	AV	Horizontal
2	11335.4516	43.6	50.91	7.31	74.00	-23.09	100	100	PK	Horizontal
2	11335.4516	34.85	42.16	7.31	54.00	-11.84	100	100	AV	Horizontal
3	13105.0968	43.42	52.04	8.62	74.00	-21.96	100	210	PK	Horizontal
3	13105.0968	34.00	42.62	8.62	54.00	-11.38	100	210	AV	Horizontal
4	15588.1935	42.99	52.35	9.36	74.00	-21.65	100	138	PK	Horizontal
4	15588.1935	34.26	43.62	9.36	54.00	-10.38	100	138	AV	Horizontal
5	16561.0323	42.7	53.09	10.39	74.00	-20.91	100	358	PK	Horizontal
5	16561.0323	34.07	44.46	10.39	54.00	-9.54	100	358	AV	Horizontal
6	17611.1935	44.15	55.05	10.90	74.00	-18.95	100	170	PK	Horizontal
6	17611.1935	34.92	45.82	10.90	54.00	-8.18	100	170	AV	Horizontal

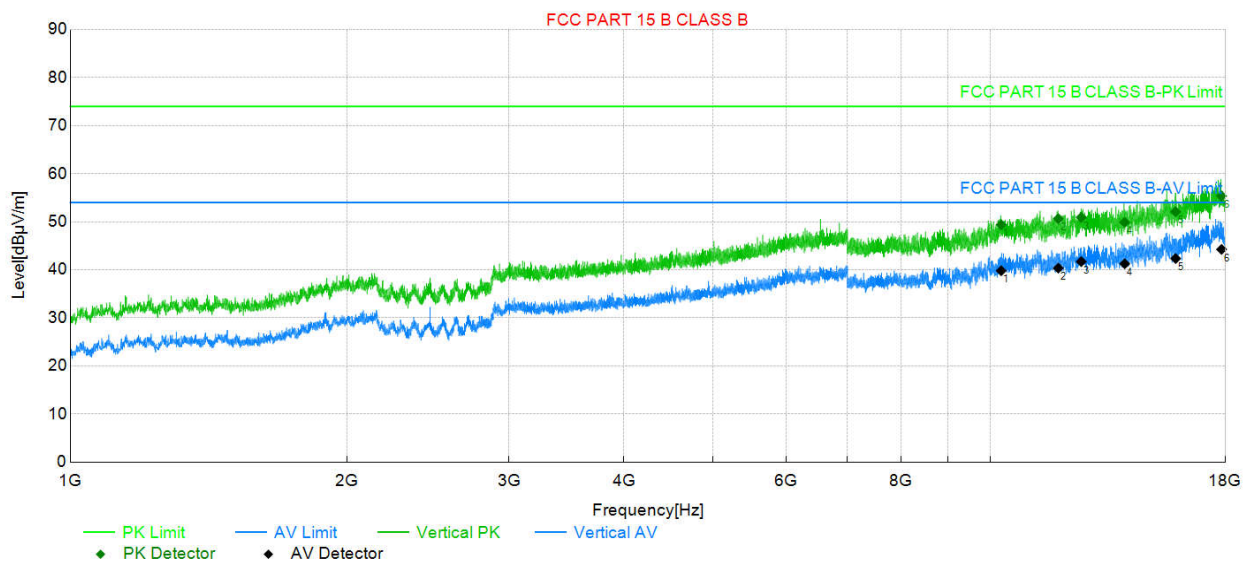
Note: (1) Level = Reading + Factor

(2) Over = Level - Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 2		

Test Graph



Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	10281.4516	43.74	49.37	5.63	74.00	-24.63	100	106	PK	Vertical
1	10281.4516	34.19	39.82	5.63	54.00	-14.18	100	106	AV	Vertical
2	11861.9032	44.09	50.65	6.56	74.00	-23.35	100	350	PK	Vertical
2	11861.9032	33.80	40.36	6.56	54.00	-13.64	100	350	AV	Vertical
3	12562.7419	43.05	50.91	7.86	74.00	-23.09	100	37	PK	Vertical
3	12562.7419	33.86	41.72	7.86	54.00	-12.28	100	37	AV	Vertical
4	14007.1935	41.59	49.90	8.31	74.00	-24.1	100	328	PK	Vertical
4	14007.1935	32.95	41.26	8.31	54.00	-12.74	100	328	AV	Vertical
5	15910.6452	43.97	52.08	8.11	74.00	-21.92	100	360	PK	Vertical
5	15910.6452	34.25	42.36	8.11	54.00	-11.64	100	360	AV	Vertical
6	17848.6452	42.95	55.36	12.41	74.00	-18.64	100	154	PK	Vertical
6	17848.6452	31.85	44.26	12.41	54.00	-9.74	100	154	AV	Vertical

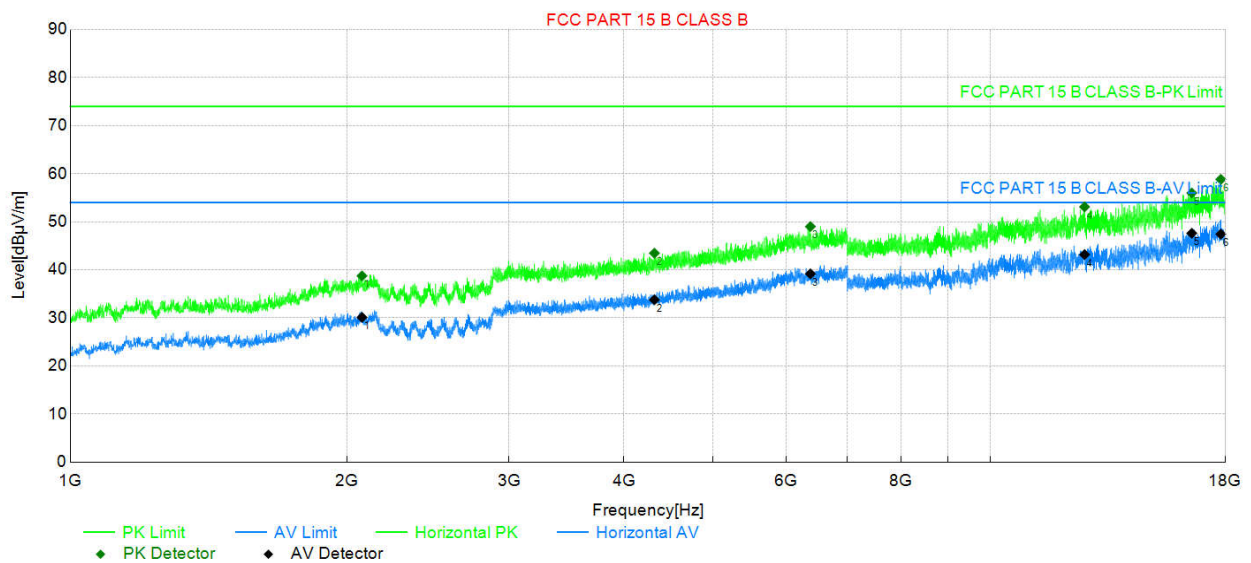
Note: (1) Level = Reading + Factor

(2) Over = Level - Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	120Vac;60Hz
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 3		

Test Graph



Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	2075.9355	47.65	38.74	-8.91	74.00	-35.26	100	230	PK	Horizontal
1	2075.9355	39.01	30.10	-8.91	54.00	-23.9	100	230	AV	Horizontal
2	4316.0968	46.87	43.47	-3.40	74.00	-30.53	100	118	PK	Horizontal
2	4316.0968	37.17	33.77	-3.40	54.00	-20.23	100	118	AV	Horizontal
3	6378.0323	47.43	49.01	1.58	74.00	-24.99	100	15	PK	Horizontal
3	6378.0323	37.59	39.17	1.58	54.00	-14.83	100	15	AV	Horizontal
4	12669.1290	45.23	53.11	7.88	74.00	-20.89	100	255	PK	Horizontal
4	12669.1290	35.30	43.18	7.88	54.00	-10.82	100	255	AV	Horizontal
5	16567.0645	45.74	56.00	10.26	74.00	-18	100	351	PK	Horizontal
5	16567.0645	37.35	47.61	10.26	54.00	-6.39	100	351	AV	Horizontal
6	17816.8387	47.81	58.83	11.02	74.00	-15.17	100	156	PK	Horizontal
6	17816.8387	36.41	47.43	11.02	54.00	-6.57	100	156	AV	Horizontal

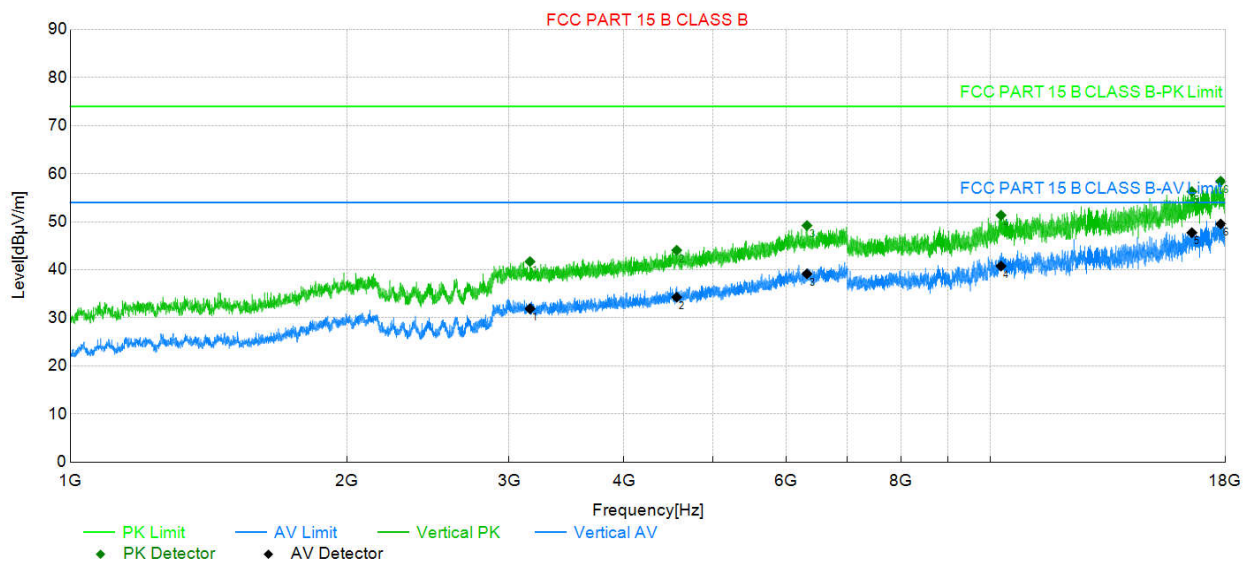
Note: (1) Level = Reading + Factor

(2) Over = Level - Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	120Vac;60Hz
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 3		

Test Graph



Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	3161.1935	47.59	41.72	-5.87	74.00	-32.28	100	312	PK	Vertical
1	3161.1935	37.77	31.90	-5.87	54.00	-22.1	100	312	AV	Vertical
2	4563.9677	46.62	44.08	-2.54	74.00	-29.92	100	263	PK	Vertical
2	4563.9677	36.84	34.30	-2.54	54.00	-19.7	100	263	AV	Vertical
3	6323.1935	47.28	49.22	1.94	74.00	-24.78	100	300	PK	Vertical
3	6323.1935	37.23	39.17	1.94	54.00	-14.83	100	300	AV	Vertical
4	10276.5161	45.74	51.36	5.62	74.00	-22.64	100	39	PK	Vertical
4	10276.5161	35.16	40.78	5.62	54.00	-13.22	100	39	AV	Vertical
5	16570.3548	46.1	56.28	10.18	74.00	-17.72	100	59	PK	Vertical
5	16570.3548	37.55	47.73	10.18	54.00	-6.27	100	59	AV	Vertical
6	17810.8065	47.12	58.44	11.32	74.00	-15.56	100	101	PK	Vertical
6	17810.8065	38.22	49.54	11.32	54.00	-4.46	100	101	AV	Vertical

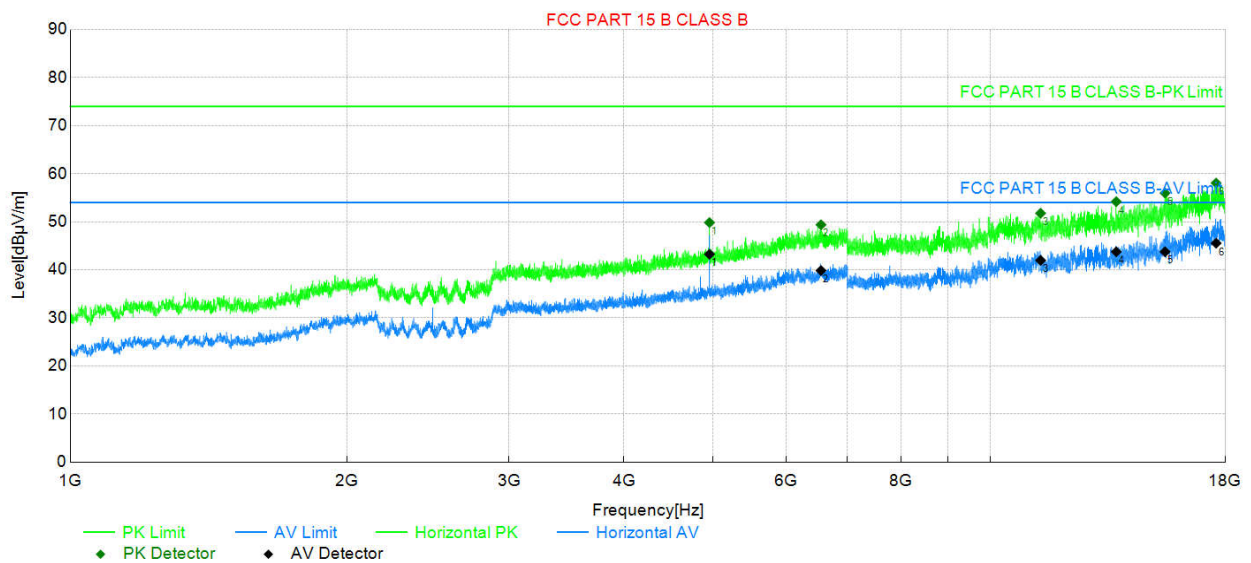
Note: (1) Level = Reading + Factor

(2) Over = Level - Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 4		

Test Graph



Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	4953.8710	51.57	49.84	-1.73	74.00	-24.16	100	134	PK	Horizontal
1	4953.8710	44.98	43.25	-1.73	54.00	-10.75	100	134	AV	Horizontal
2	6549.6774	47.08	49.38	2.30	74.00	-24.62	100	304	PK	Horizontal
2	6549.6774	37.55	39.85	2.30	54.00	-14.15	100	304	AV	Horizontal
3	11348.6129	44.72	51.78	7.06	74.00	-22.22	100	27	PK	Horizontal
3	11348.6129	34.91	41.97	7.06	54.00	-12.03	100	27	AV	Horizontal
4	13714.3548	46.1	54.19	8.09	74.00	-19.81	100	96	PK	Horizontal
4	13714.3548	35.67	43.76	8.09	54.00	-10.24	100	96	AV	Horizontal
5	15494.4194	47.63	55.97	8.34	74.00	-18.03	100	329	PK	Horizontal
5	15494.4194	35.42	43.76	8.34	54.00	-10.24	100	329	AV	Horizontal
6	17608.4516	46.87	58.06	11.19	74.00	-15.94	100	189	PK	Horizontal
6	17608.4516	34.36	45.55	11.19	54.00	-8.45	100	189	AV	Horizontal

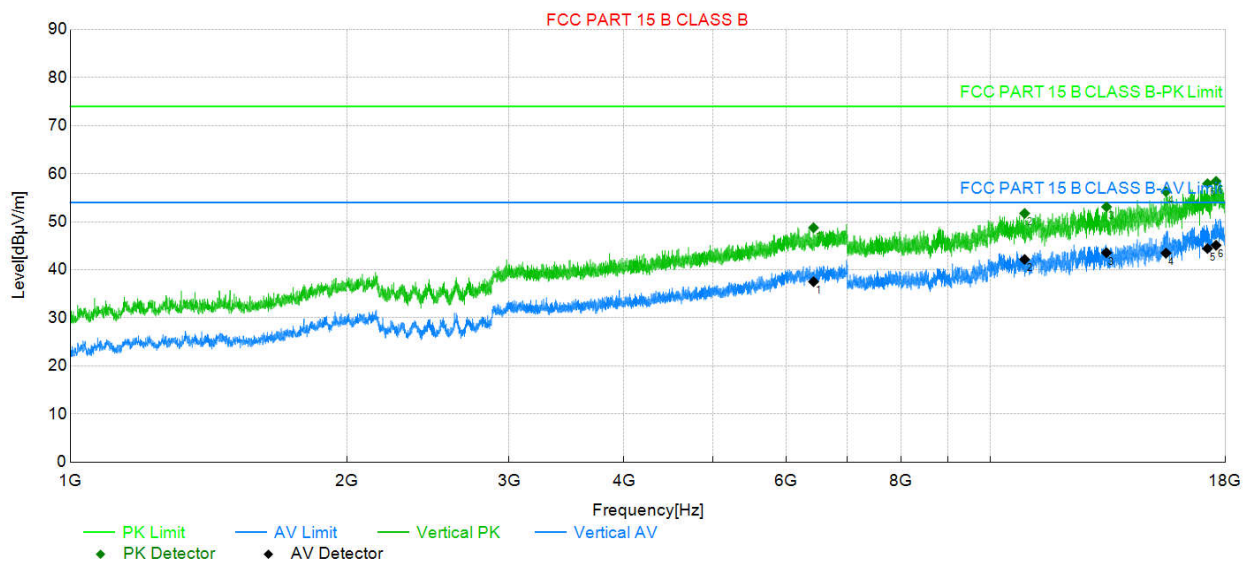
Note: (1) Level = Reading + Factor

(2) Over = Level - Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 4		

Test Graph



Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	6428.4839	47.37	48.76	1.39	74.00	-25.24	100	160	PK	Vertical
1	6428.4839	36.15	37.54	1.39	54.00	-16.46	100	160	AV	Vertical
2	10903.8710	46.56	51.75	5.19	74.00	-22.25	100	18	PK	Vertical
2	10903.8710	36.98	42.17	5.19	54.00	-11.83	100	18	AV	Vertical
3	13382.5806	45.72	53.11	7.39	74.00	-20.89	100	30	PK	Vertical
3	13382.5806	36.17	43.56	7.39	54.00	-10.44	100	30	AV	Vertical
4	15530.0645	47.18	56.29	9.11	74.00	-17.71	100	140	PK	Vertical
4	15530.0645	34.37	43.48	9.11	54.00	-10.52	100	140	AV	Vertical
5	17232.2581	46.29	57.93	11.64	74.00	-16.07	100	60	PK	Vertical
5	17232.2581	32.80	44.44	11.64	54.00	-9.56	100	60	AV	Vertical
6	17604.6129	47.4	58.42	11.02	74.00	-15.58	100	80	PK	Vertical
6	17604.6129	34.09	45.11	11.02	54.00	-8.89	100	80	AV	Vertical

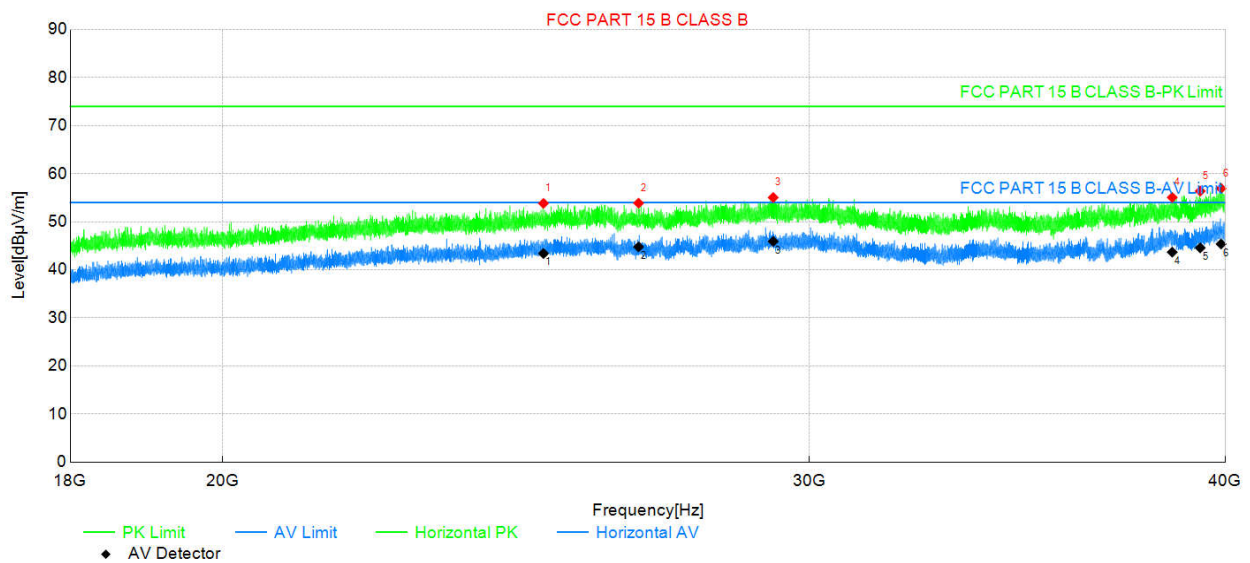
Note: (1) Level = Reading + Factor

(2) Over = Level - Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	120Vac;60Hz
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 1		

Test Graph



Pre Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	24969.0323	53.55	53.84	0.29	74.00	-20.16	100	70	PK	Horizontal
2	26667.2903	53.34	53.88	0.54	74.00	-20.12	100	340	PK	Horizontal
3	29268.2581	54.20	55.05	0.85	74.00	-18.95	100	250	PK	Horizontal
4	38568.5806	49.92	55.07	5.15	74.00	-13.93	100	100	PK	Horizontal
5	39322.9677	49.57	56.38	6.81	74.00	-10.62	100	60	PK	Horizontal
6	39894.2581	49.21	56.94	7.73	74.00	-10.06	100	290	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	24969.0323	43.11	43.40	0.29	54.00	-10.6	100	70	AV	Horizontal
2	26667.2903	44.24	44.78	0.54	54.00	-9.22	100	340	AV	Horizontal
3	29268.2581	45.07	45.92	0.85	54.00	-8.08	100	250	AV	Horizontal
4	38568.5806	38.53	43.68	5.15	54.00	-10.32	100	100	AV	Horizontal

5	39322.9677	37.77	44.58	6.81	54.00	-9.42	100	60	AV	Horizontal
6	39894.2581	37.65	45.38	7.73	54.00	-8.62	100	290	AV	Horizontal

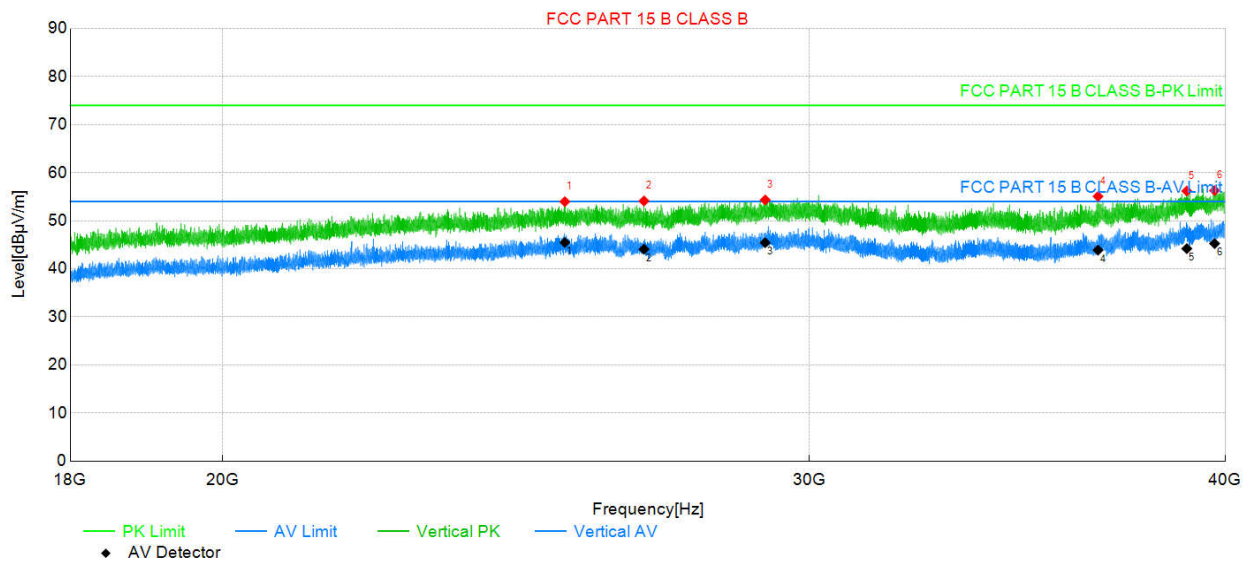
Note: (1) Level = Reading + Factor

(2) Over = Level - Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	120Vac;60Hz
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 1		

Test Graph



Pre Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25341.6129	53.45	53.99	0.54	74.00	-20.01	100	140	PK	Vertical
2	26766.6452	53.64	54.13	0.49	74.00	-19.87	100	330	PK	Vertical
3	29106.4516	53.49	54.34	0.85	74.00	-19.66	100	330	PK	Vertical
4	36640.3871	53.01	55.08	2.07	74.00	-17.92	100	350	PK	Vertical
5	38959.6129	50.04	56.19	6.15	74.00	-11.81	100	170	PK	Vertical
6	39715.4194	48.86	56.30	7.44	74.00	-10.7	100	140	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25341.6129	44.94	45.48	0.54	54.00	-8.52	100	140	AV	Vertical
2	26766.6452	43.60	44.09	0.49	54.00	-9.91	100	330	AV	Vertical
3	29106.4516	44.59	45.44	0.85	54.00	-8.56	100	330	AV	Vertical

4	36640.3871	41.84	43.91	2.07	54.00	-10.09	100	350	AV	Vertical
5	38959.6129	38.05	44.20	6.15	54.00	-9.8	100	170	AV	Vertical
6	39715.4194	37.82	45.26	7.44	54.00	-8.74	100	140	AV	Vertical

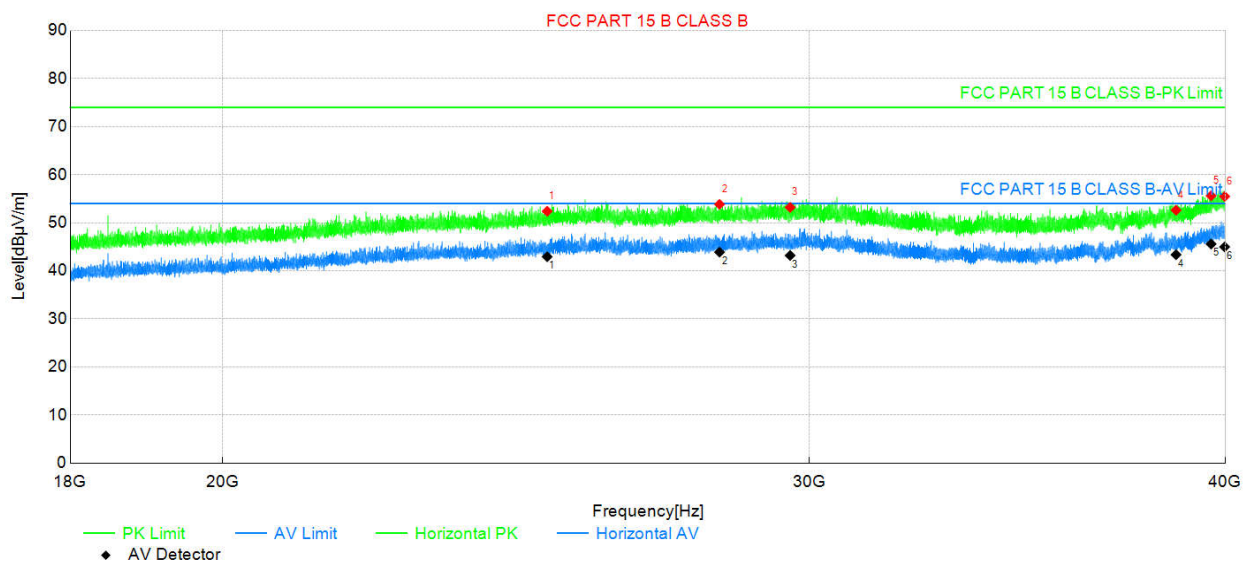
Note:(1)Level=Reading+Factor

(2)Over=Level-Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 2		

Test Graph



Pre Data List

NO.	Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25033.6129	52.06	52.40	0.34	74.00	-21.6	100	162	PK	Horizontal
2	28202.3226	53.14	53.84	0.70	74.00	-20.16	100	352	PK	Horizontal
3	29613.1613	52.36	53.21	0.85	74.00	-20.79	100	26	PK	Horizontal
4	38670.7742	47.20	52.62	5.42	74.00	-21.38	100	17	PK	Horizontal
5	39618.9032	48.33	55.62	7.29	74.00	-18.38	100	242	PK	Horizontal
6	39992.1935	47.59	55.49	7.90	74.00	-18.51	100	228	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25033.6129	42.59	42.93	0.34	54.00	-11.07	100	162	AV	Horizontal
2	28202.3226	43.19	43.89	0.70	54.00	-10.11	100	352	AV	Horizontal
3	29613.1613	42.35	43.20	0.85	54.00	-10.8	100	26	AV	Horizontal

4	38670.7742	37.94	43.36	5.42	54.00	-10.64	100	17	AV	Horizontal
5	39618.9032	38.29	45.58	7.29	54.00	-8.42	100	242	AV	Horizontal
6	39992.1935	37.08	44.98	7.90	54.00	-9.02	100	228	AV	Horizontal

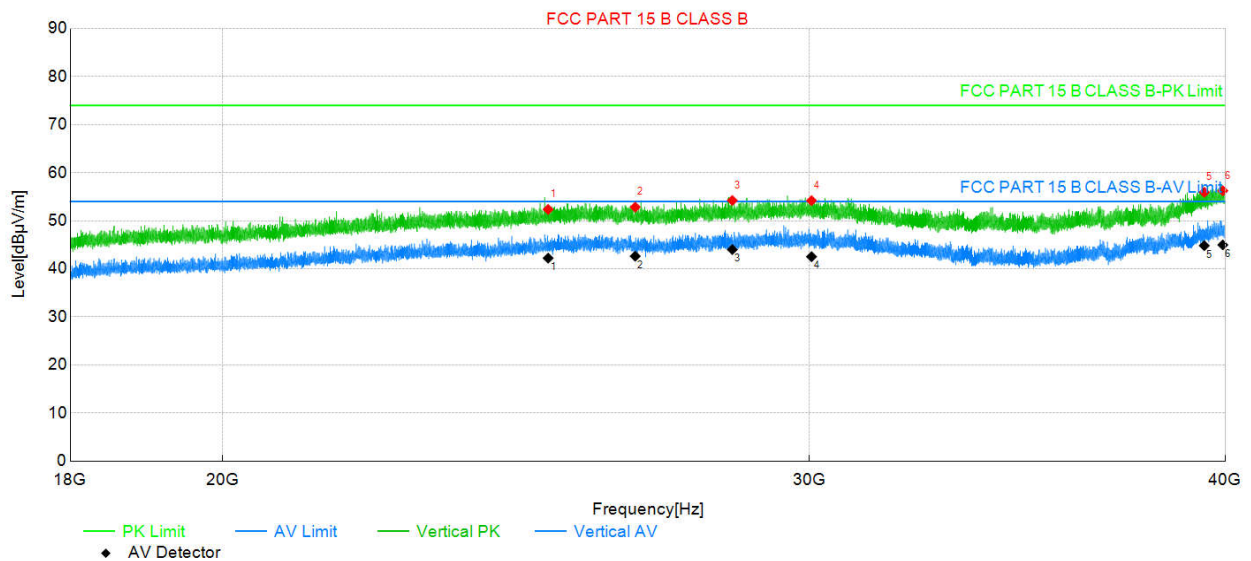
Note:(1)Level=Reading+Factor

(2)Over=Level-Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 2		

Test Graph



Pre Data List

NO.	Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25050.6452	52.02	52.37	0.35	74.00	-21.63	100	132	PK	Vertical
2	26604.8387	52.27	52.85	0.58	74.00	-21.15	100	339	PK	Vertical
3	28452.8387	53.49	54.23	0.74	74.00	-19.77	100	41	PK	Vertical
4	30054.5806	53.39	54.20	0.81	74.00	-19.8	100	331	PK	Vertical
5	39432.9677	48.95	55.93	6.98	74.00	-18.07	100	313	PK	Vertical
6	39942.5161	48.43	56.25	7.82	74.00	-17.75	100	156	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25050.6452	41.88	42.23	0.35	54.00	-11.77	100	132	AV	Vertical
2	26604.8387	42.05	42.63	0.58	54.00	-11.37	100	339	AV	Vertical
3	28452.8387	43.27	44.01	0.74	54.00	-9.99	100	41	AV	Vertical

4	30054.5806	41.72	42.53	0.81	54.00	-11.47	100	331	AV	Vertical
5	39432.9677	37.84	44.82	6.98	54.00	-9.18	100	313	AV	Vertical
6	39942.5161	37.16	44.98	7.82	54.00	-9.02	100	156	AV	Vertical

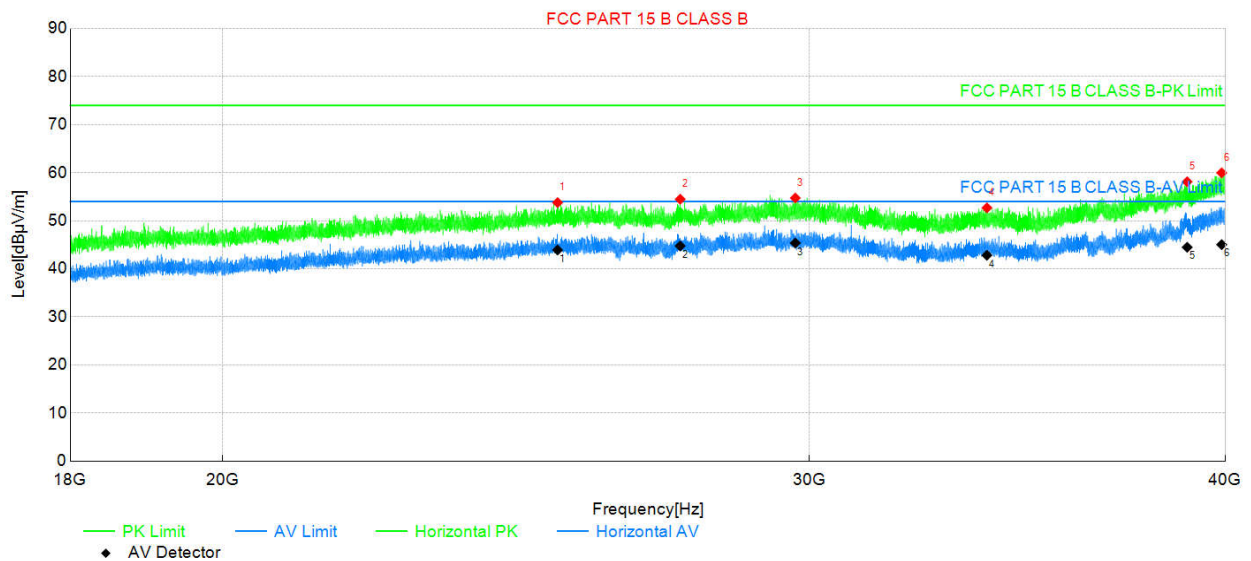
Note:(1)Level=Reading+Factor

(2)Over=Level-Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	120Vac;60Hz
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure:1020mbar		
Remark:	Mode 3		

Test Graph



Pre Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25214.5806	53.32	53.79	0.47	74.00	-20.21	100	260	PK	Horizontal
2	27445.0968	54.00	54.49	0.49	74.00	-19.51	100	300	PK	Horizontal
3	29719.6129	53.90	54.74	0.84	74.00	-19.26	100	50	PK	Horizontal
4	33930.1290	52.09	52.69	0.60	74.00	-21.31	100	340	PK	Horizontal
5	38968.8387	51.95	58.12	6.17	74.00	-15.88	100	310	PK	Horizontal
6	39910.5806	52.22	59.98	7.76	74.00	-14.02	100	250	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25214.5806	43.45	43.92	0.47	54.00	-10.08	100	260	AV	Horizontal
2	27445.0968	44.28	44.77	0.49	54.00	-9.23	100	300	AV	Horizontal
3	29719.6129	44.53	45.37	0.84	54.00	-8.63	100	50	AV	Horizontal

4	33930.1290	42.23	42.83	0.60	54.00	-11.17	100	340	AV	Horizontal
5	38968.8387	38.32	44.49	6.17	54.00	-9.51	100	310	AV	Horizontal
6	39910.5806	37.28	45.04	7.76	54.00	-8.96	100	250	AV	Horizontal

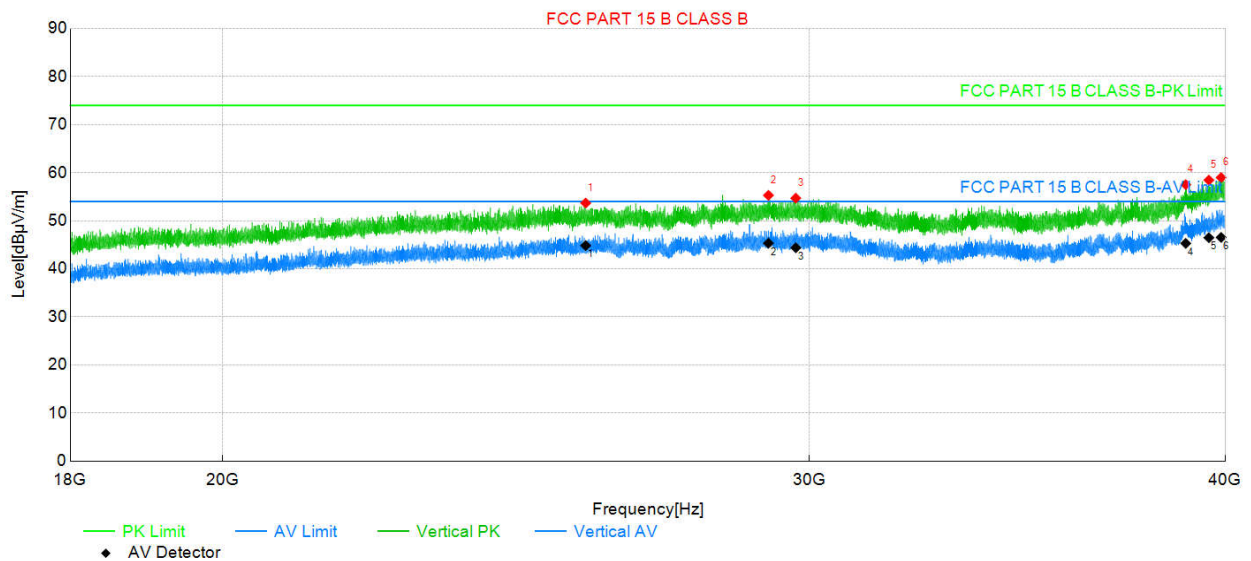
Note:(1)Level=Reading+Factor

(2)Over=Level-Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	120Vac;60Hz
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 3		

Test Graph



Pre Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25709.2258	52.93	53.70	0.77	74.00	-20.3	100	60	PK	Vertical
2	29172.4516	54.45	55.30	0.85	74.00	-18.7	100	10	PK	Vertical
3	29728.8387	53.87	54.71	0.84	74.00	-19.29	100	50	PK	Vertical
4	38929.8065	51.45	57.53	6.08	74.00	-11.47	100	290	PK	Vertical
5	39557.8710	51.27	58.46	7.19	74.00	-10.54	100	360	PK	Vertical
6	39896.3871	51.24	58.99	7.75	74.00	-10.01	100	260	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	25709.2258	44.07	44.84	0.77	54.00	-9.16	100	60	AV	Vertical
2	29172.4516	44.48	45.33	0.85	54.00	-8.67	100	10	AV	Vertical
3	29728.8387	43.54	44.38	0.84	54.00	-9.62	100	50	AV	Vertical

4	38929.8065	39.22	45.30	6.08	54.00	-8.7	100	290	AV	Vertical
5	39557.8710	39.29	46.48	7.19	54.00	-7.52	100	360	AV	Vertical
6	39896.3871	38.79	46.54	7.75	54.00	-7.46	100	260	AV	Vertical

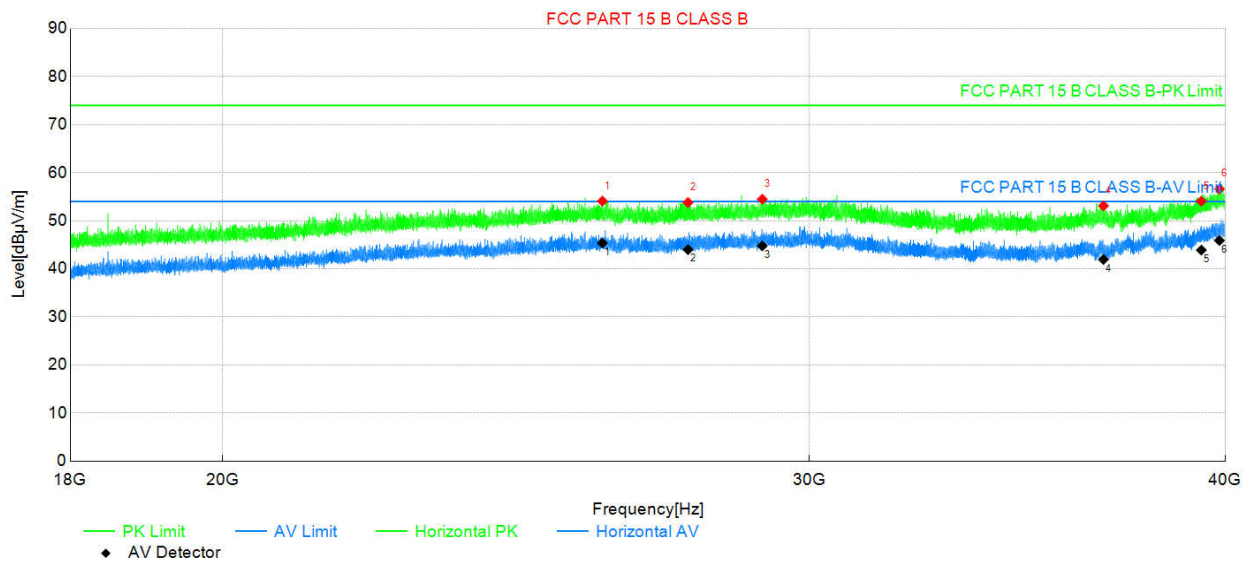
Note:(1)Level=Reading+Factor

(2)Over=Level-Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	3.85 V dc
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 4		

Test Graph



Pre Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	26008.0000	53.23	54.09	0.86	74.00	-19.91	100	324	PK	Horizontal
2	27594.1290	53.27	53.80	0.53	74.00	-20.2	100	307	PK	Horizontal
3	29047.5484	53.65	54.49	0.84	74.00	-19.51	100	242	PK	Horizontal
4	36777.3548	50.98	53.11	2.13	74.00	-20.89	100	260	PK	Horizontal
5	39352.7742	47.23	54.07	6.84	74.00	-19.93	100	270	PK	Horizontal
6	39847.4194	48.97	56.63	7.66	74.00	-17.37	100	265	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	26008.0000	44.50	45.36	0.86	54.00	-8.64	100	324	AV	Horizontal
2	27594.1290	43.48	44.01	0.53	54.00	-9.99	100	307	AV	Horizontal
3	29047.5484	43.93	44.77	0.84	54.00	-9.23	100	242	AV	Horizontal

4	36777.3548	39.82	41.95	2.13	54.00	-12.05	100	260	AV	Horizontal
5	39352.7742	37.06	43.90	6.84	54.00	-10.1	100	270	AV	Horizontal
6	39847.4194	38.24	45.90	7.66	54.00	-8.1	100	265	AV	Horizontal

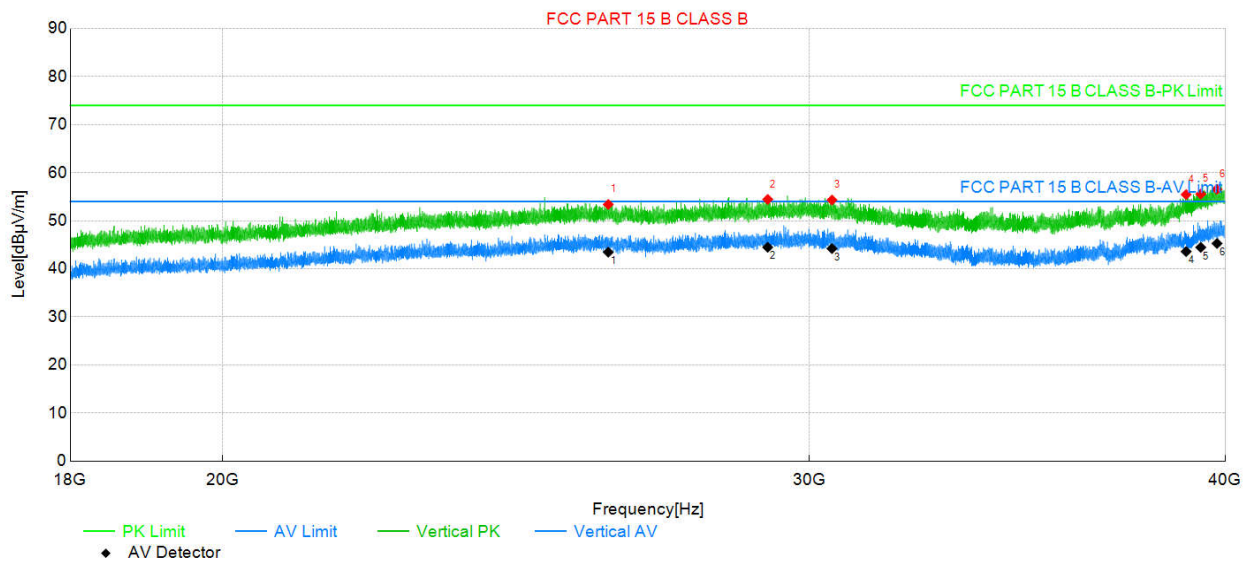
Note:(1)Level=Reading+Factor

(2)Over=Level-Limit

Project Information

Test Time	2025-08-19		
Customer:	Xiaomi Communications Co., Ltd.	Site:	AC5
EUT:	Wireless Earphones	Engineer:	Jim Fu
Margin:	0	Power:	3.85 Vdc
Environment:	Temperature: 24 °C ; Humidity: 60 %; Pressure: 1020mbar		
Remark:	Mode 4		

Test Graph



Pre Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	26114.4516	52.56	53.41	0.85	74.00	-20.59	100	202	PK	Vertical
2	29158.2581	53.60	54.45	0.85	74.00	-19.55	100	41	PK	Vertical
3	30483.2258	53.67	54.32	0.65	74.00	-19.68	100	322	PK	Vertical
4	38941.8710	49.35	55.46	6.11	74.00	-18.54	100	300	PK	Vertical
5	39338.5806	48.75	55.57	6.82	74.00	-18.43	100	275	PK	Vertical
6	39780.7097	49.01	56.56	7.55	74.00	-17.44	100	64	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	26114.4516	42.62	43.47	0.85	54.00	-10.53	100	202	AV	Vertical
2	29158.2581	43.64	44.49	0.85	54.00	-9.51	100	41	AV	Vertical
3	30483.2258	43.57	44.22	0.65	54.00	-9.78	100	322	AV	Vertical

4	38941.8710	37.49	43.60	6.11	54.00	-10.4	100	300	AV	Vertical
5	39338.5806	37.65	44.47	6.82	54.00	-9.53	100	275	AV	Vertical
6	39780.7097	37.73	45.28	7.55	54.00	-8.72	100	64	AV	Vertical

Note:(1)Level=Reading+Factor

(2)Over=Level-Limit

4.7 Test Photograph

Remark: The test setup photo please see appendix.

5 Attachment

EUT Photograph

Remark: The test setup photo please see appendix.

The End
