

Test Report

Verified code: 010347

Report No.: E202304201893-3

Customer: Suzhou Performance Information Technology Co., Ltd.

Address: 2F, Building 4th No.99 Gangtian Road, Suzhou Industrial Park Jiangsu Province,
P.R.China

Sample Name: Multifunctional Clock Bluetooth Speaker Charger

Sample Model: TEKHOM ONXYZ

Receive Sample Date: Jun.07.2023

Test Date: Jun.16.2023 ~ Aug.25.2023

Reference Document: FCC 47 CFR Part 15 Subpart C

Test Result: Pass

Prepared by: Wen Wenwen
Wen Wenwen

Reviewed by: Jiang Tao
Jiang Tao

Approved by: Xiao Liang
Xiao Liang

GRG METROLOGY & TEST GROUP CO., LTD.

Issued Date: 2023-09-14

GRG METROLOGY & TEST GROUP CO., LTD.

Address: No.163, Pingyun Road, West of Huangpu Avenue, Guangzhou, Guangdong, China
Tel: (+86) 400-602-0999 FAX: (+86) 020-38698685 Web: <http://www.grgtest.com>

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TABLE OF CONTENTS

1. TEST RESULT SUMMARY	5
2. GENERAL DESCRIPTION OF EUT	6
2.1 APPLICANT	6
2.2 MANUFACTURER	6
2.3 FACTORY	6
2.4 BASIC DESCRIPTION OF EQUIPMENT UNDER TEST	6
2.5 TEST MODE	7
2.6 BLOCK DIAGRAM	7
2.7 LOCAL SUPPORTIVE INSTRUMENTS	8
2.8 MODEL DIFFERENCE DESCRIPTIONS	8
3. LABORATORY AND MEASUREMENT UNCERTAINTY	10
3.1 LABORATORY	10
3.2 ACCREDITATIONS	10
3.3 MEASUREMENT UNCERTAINTY	10
4. LIST OF USED TEST EQUIPMENT AT GRGT	11
4.1 LIST OF USED TEST EQUIPMENT	11
5. CONDUCTED EMISSION MEASUREMENT	12
5.1 LIMITS	12
5.2 TEST PROCEDURES	12
5.3 TEST SETUP	13
5.4 DATA SAMPLE	13
5.5 TEST RESULTS	14
6. RADIATED SPURIOUS EMISSIONS	34
6.1 LIMITS	34
6.2 TEST PROCEDURES	34
6.3 TEST SETUP	36
6.4 DATA SAMPLE	36
6.5 TEST RESULTS	38
7. 20DB BANDWIDTH	78
7.1 LIMITS	78
7.2 TEST PROCEDURES	78
7.3 TEST SETUP	78
7.4 TEST RESULTS	79
8. PHOTOGRAPHS OF TEST SET-UP	83
9. PHOTOGRAPHS OF THE EUT	83

REPORT ISSUED HISTORY

Report Version	Report No.	Description	Compile Date
1.0	E202304201893-3	Original Issue	2023-09-13

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1. TEST RESULT SUMMARY

Technical Requirements		
FCC Part 15 Subpart C, ANSI C63.10:2013		
Item	FCC Standard Chapter	Result
Antenna requirements	§15.203	Complied
Radiated Spurious Emissions	§15.209 & §15.205	Complied
20dB Bandwidth	§15.215	Complied
AC Conducted Emission	§15.207	Complied

Note: The EUT antenna is coil antenna, which accordance 15.203 is considered sufficient to comply with the provisions of this section.

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2. GENERAL DESCRIPTION OF EUT

2.1 APPLICANT

Name: Suzhou Performance Information Technology Co., Ltd.
Address: 2F, Building 4th No.99 Gangtian Road, Suzhou Industrial Park Jiangsu Province, P.R.China

2.2 MANUFACTURER

Name: Suzhou Performance Information Technology Co., Ltd.
Address: 2F, Building 4th No.99 Gangtian Road, Suzhou Industrial Park Jiangsu Province, P.R.China

2.3 FACTORY

Name: Suzhou Performance Information Technology Co., Ltd.
Address: 2F, Building 4th No.99 Gangtian Road, Suzhou Industrial Park Jiangsu Province, P.R.China

2.4 BASIC DESCRIPTION OF EQUIPMENT UNDER TEST

Product Name: Multifunctional Clock Bluetooth Speaker Charger
Product Model: TEKHOM ONXYZ
Adding Model: TEKHOM ONXYZ Pro, TEKHOM ONXYZ Plus, TEKHOM ONXYZ1, TEKHOM ONXYZ1 Pro
Models Difference: Please refer to section 2.8

Trade Name:  ,  ,  , Tekism Dynamics ,
 , 

Power Supply: Input: DC 20V 3.25A

Adapter 1: Model: A869-200325C-CN1
Input: 100-240V~ 50/60Hz 1.7A
Output: DC 5V 3A/9V 3A/12V 3A/15V 3A/20V 3.25A 3.3-21V 3.25A 65W Max

Adapter 2: Model: PSD67-C
Input: 100-240V~ 50/60Hz 1.6A
Output: DC 5V 3A/9V 3A/12V 3A/15V 3A/20V 3.35A
PPS: 3.3-21V 3.0A
67.0W Max

Frequency Band: 117kHz-207kHz

FCC ID: 2BB6ATEKHOM

Antenna Type: Coil Antenna

Modulation type: FSK

Sample submitting way: ☒ Provided by customer ☐ Sampling

Sample No: E202304201893-0001

Temperature Range: -10℃ ~ +35℃

Hardware version: TEKHOM ONXYZ HW V0.5

Software version: TEKHOM ONXYZ SF V1.0

Note 1: According to model difference model TEKHOM ONXYZ is the test sample. All test results were performed on model TEKHOM ONXYZ.

Note 2: The basic description of the EUT is provided by the applicant. This report is made solely on the basis of such data and/or information. We accept no responsibility for the authenticity and completeness of the above data and information and the validity of the results and/or conclusions.

2.5 TEST MODE

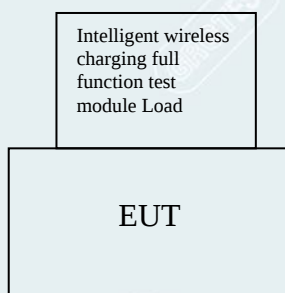
Mode No.	Description of the modes
Mode 1	EUT Standby Mode
Mode 2	EUT charging mode + RX load(5W)
Mode 3	EUT charging mode + RX load(7.5W)
Mode 4	EUT charging mode + RX load(10W)
Mode 5	EUT charging mode + RX load(15W)

2.6 BLOCK DIAGRAM

For mode 1



For mode 2 to mode 5



2.7 LOCAL SUPPORTIVE INSTRUMENTS

No.	Name of Equipment	Manufacturer	Model	Serial Number
A	Intelligent wireless charging full function test module Load	/	/	/

2.8 MODEL DIFFERENCE DESCRIPTIONS

The applicant declared that this EUT (Multifunctional clock Bluetooth speaker charger) the main model no. TEKHOME ONXYZ and the family models no. TEKHOME ONXYZ1, TEKHOME ONXYZ Pro, TEKHOME ONXYZ Plus, TEKHOME ONXYZ1 Pro have the same technical construction including circuit diagram, PCB LAYOUT, hardware version and software version identical. the difference refer the below table.

Model No.	Trade mark
TEKHOME ONXYZ	
TEKHOME ONXYZ1	
TEKHOME ONXYZ Pro	
TEKHOME ONXYZ Plus	
TEKHOME ONXYZ1 Pro	

----- The following blanks -----

Product Difference	Model name				
	TEKHOME ONXYZ	TEKHOME ONXYZ1	TEKHOME ONXYZ Pro	TEKHOME ONXYZ Plus	TEKHOME ONXYZ1 Pro
Wireless charging	√	√	√	√	√
radio	√	√	√	√	√
Bluetooth speaker	√	√	√	√	√
USB play music	√	√	×	×	√
Clock,date, alarm clock	√	√	√	√	√
USB-C1 charging port	√	√	√	√	√
USB-C2 charging port	√	√	√	√	√
USB-C3 charging port	×	×	√	×	√
USB-C4 charging port	×	×	√	√	×
USB-A1 charging port	√	√	×	√	×
USB-A2	√	√	×	×	√
WeChat applet	√	×	√	√	×
APP software	√	√	√	√	√
Other items (Key components, hardware, appearance, accessories)	√	√	√	√	√
Note: 1."√" indicates that this function is applicable to this model, and "×" indicates that this function is not applicable to this model. 2. The product has a total of 4 external charging ports. The position of A1 and C3 corresponds to the position of A2 and C4, and the internal circuit of the product is the same, only the interface shape is different.					

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3. Laboratory AND Measurement uncertainty

3.1 LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of GRG METROLOGY & TEST GROUP CO., LTD.

Add : Address: No.1301 Guanguang Road Xinlan Community, Guanlan Street, Longhua District Shenzhen, 518110, People's Republic of China

P.C. : 518110

Tel : 0755-61180008

Fax : 0755-61180008

3.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025:2017.

USA A2LA(Certificate #2861.01)

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada ISED (Company Number: 24897, CAB identifier:CN0069)

USA FCC (Registration Number: 759402, Designation Number:CN1198)

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.grgtest.com>

3.3 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Uncertainty
RF frequency	6.0×10^{-6}
Humidity	6.0 %
Temperature	2.0 °C

Measurement		Frequency	Uncertainty
Radiated Emission	Coaxial	9kHz~30MHz	4.4dB
	Coplanar	9kHz~30MHz	4.4dB
	Horizontal	30MHz~200MHz	4.6dB
	Horizontal	200MHz~1000MHz	4.8dB
	Vertical	30MHz~200MHz	4.7dB
	Vertical	200MHz~1000MHz	4.7dB
Conduction Emission	/	9kHz~150kHz	3.7dB
	/	150kHz~30MHz	3.3dB

Note:

This uncertainty represents an expanded uncertainty expressed at approximately the 95%.

This uncertainty represents an expanded uncertainty factor of $k=2$.

4. List of used test equipment at GRGT

4.1 LIST OF USED TEST EQUIPMENT

Name of equipment	Manufacturer	Model	Serial number	Calibration due
Radiated Spurious Emissions & 20dB Bandwidth				
Receiver	R&S	ESR26	101758	2023-10-27
Spectrum Analyzer	R&S	FSV30	104381	2023-11-17
Loop Antenna	schwarzbeck	FMZB 1513-60	1513-60-56	2024-07-15
Bi-log Antenna	schwarzbeck	VULB 9160	VULB9160-3402	2023-10-23
Preamplifiers	SHIRONG ELECTRONIC	DLNA-30M1G-G41	20200928002	2023-08-19
Test Software	Tonscend	JS36-RE/2.5.1.5		
AC Conducted Emission				
EZ-EMC	EZ	CCS-3A1-CE	/	/
EMI Receiver	R&S	ESCI	100783	2023-08-28
LISN	R&S	ENV216	101543	2023-09-13

Note: The calibration interval of the test instruments is 12 months.

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5. CONDUCTED EMISSION MEASUREMENT

5.1 LIMITS

Frequency range	Limits (dB μ V)	
	Quasi-peak	Average
150kHz~0.5MHz	66~56	56~46
0.5MHz~5MHz	56	46
5MHz~30MHz	60	50

NOTE: (1) The lower limit shall apply at the transition frequencies.

(2) The limit decreases in line with the logarithm of the frequency in the range of 150kHz to 0.5MHz.

5.2 TEST PROCEDURES

Procedure of Preliminary Test

For measurement of the disturbance voltage the equipment under test (EUT) is connected to the power supply mains and any other extended network via one or more artificial network(s). An EUT, whether intended to be grounded or not, and which is to be used on a table is configured as follows:

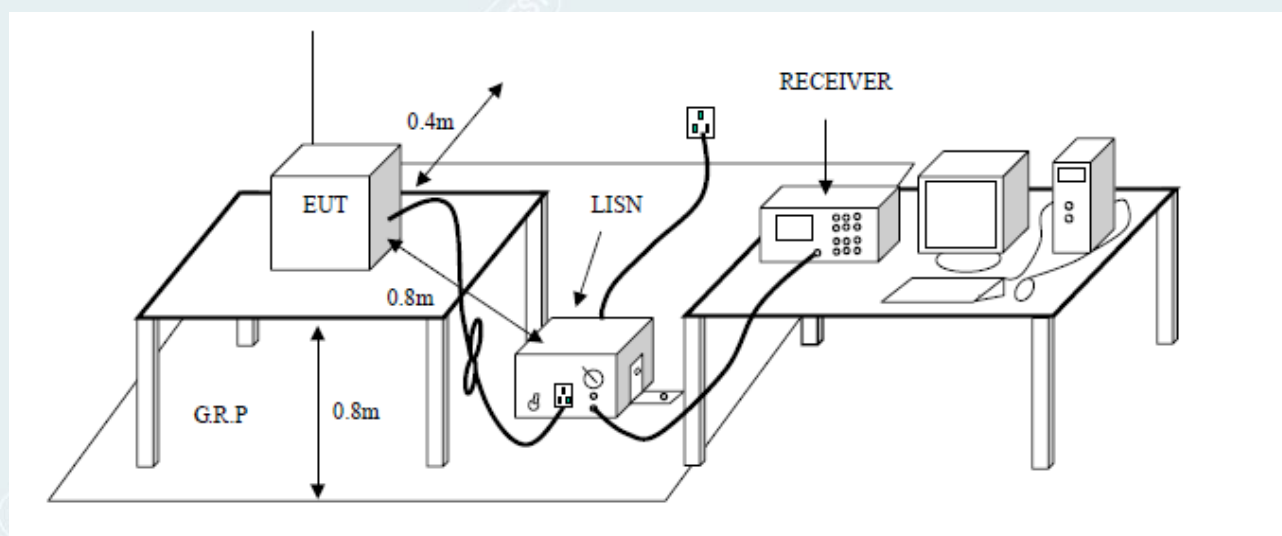
- Either the bottom or the rear of the EUT shall be at a controlled distance of 40 cm from a reference ground plane. This ground plane is normally the wall or floor of a shielded room. It may also be a grounded metal plane of at least 2 m by 2 m. This is physically accomplished as follows:
 - 1) place the EUT on a table of non-conducting material which is at least 80 cm high. Place the EUT so that it is 40 cm from the wall of the shielded room, or
 - 2) place the EUT on a table of non-conducting material which is 40 cm high so that the bottom of the EUT is 40 cm above the ground plane;
- All other conductive surfaces of the EUT shall be at least 80 cm from the reference ground plane;
- The EUT are placed on the floor that one side of the housings is 40 cm from the vertical reference ground plane and other metallic parts;
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth forming a bundle 30 cm to 40 cm long, hanging approximately in the middle between the ground plane and the table.
- I/O cables that are connected to a peripheral shall be bundled in the centre. The end of the cable may be terminated if required using correct terminating impedance. The total length shall not exceed 1 m.
- Use serial board or connecting line to make EUT and notebook to communicate, according to the actual need to make EUT send constant frequency signal continuously.

The test mode(s) described in Item 2.5 were scanned during the preliminary test. After the preliminary scan, we found the test mode described in Item 2.5 producing the highest emission level. The EUT configuration and cable configuration of the above highest emission levels were recorded for reference of the final test.

Procedure of Final Test

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test. A scan was taken on both power lines, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. The test data of the worst-case condition(s) was recorded.

5.3 TEST SETUP



5.4 DATA SAMPLE

Frequency (MHz)	Quasi Peak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	Quasi Peak Result (dBuV)	Average Result (dBuV)	Quasi Peak Limit (dBuV)	Average Limit (dBuV)	Quasi Peak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)
X.XXXX	32.69	25.65	11.52	44.21	37.17	65.78	55.79	-21.57	-18.62	Pass

Factor = Insertion loss of LISN + Cable Loss

Result = Quasi-peak Reading/ Average Reading + Correction Factor

Limit = Limit stated in standard

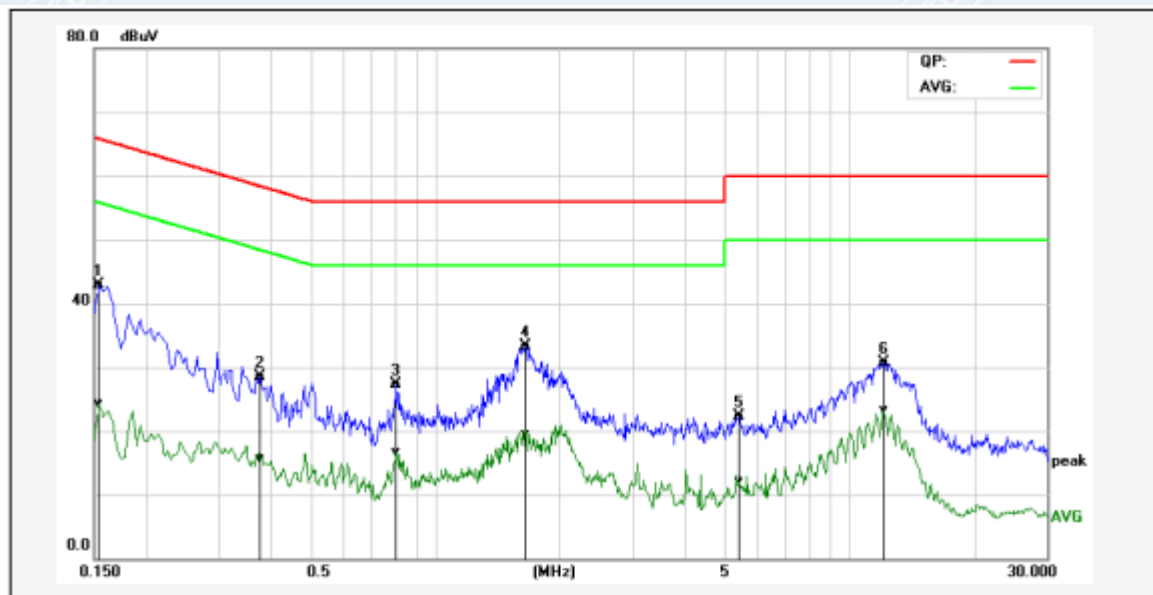
Margin = Result (dBuV) – Limit (dBuV)

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5.5 TEST RESULTS

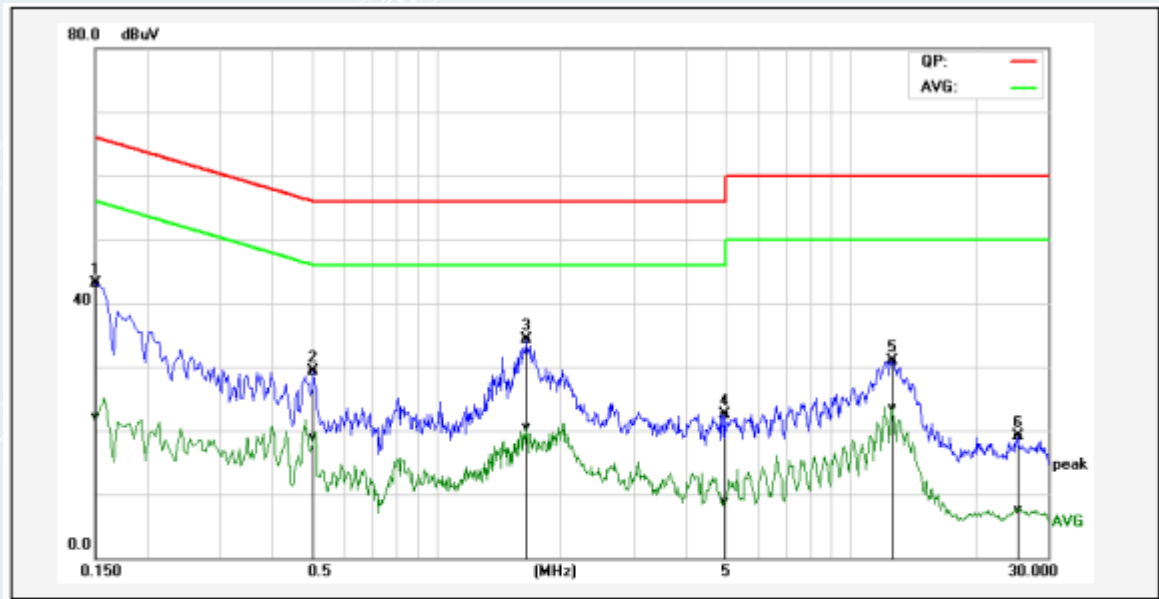
For adapter 1:

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 1
Tested By	Wang xinyuan	Line	L
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



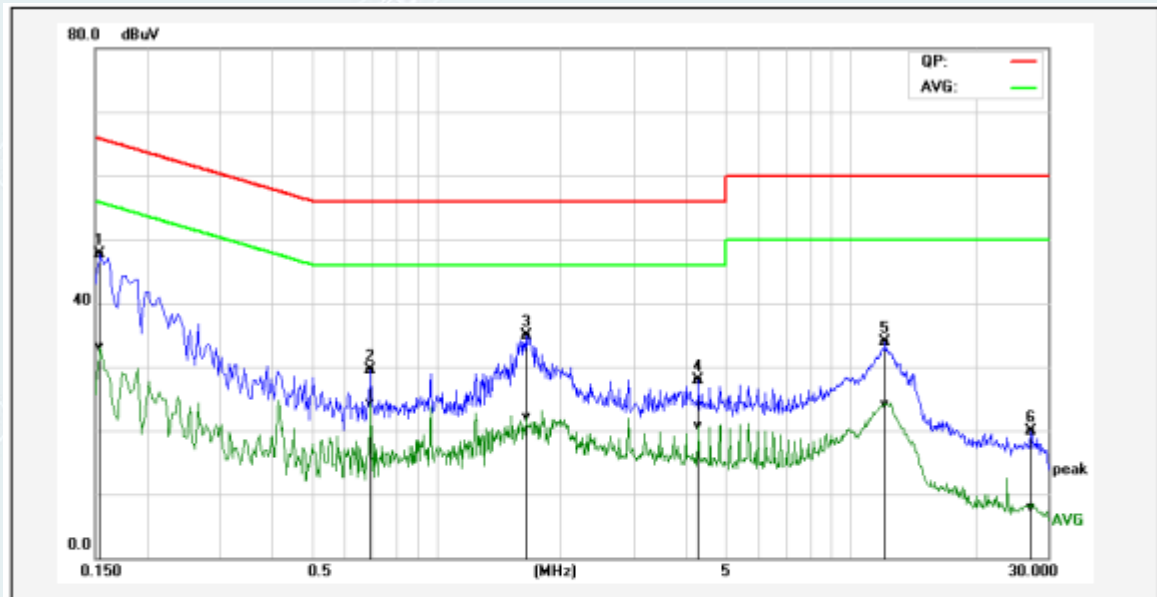
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1539	33.22	14.69	9.61	42.83	24.30	65.78	55.79	-22.95	-31.49	Pass
2	0.3780	18.83	6.04	9.61	28.44	15.65	58.32	48.32	-29.88	-32.67	Pass
3	0.8059	17.68	7.08	9.62	27.30	16.70	56.00	46.00	-28.70	-29.30	Pass
4*	1.6580	23.64	9.76	9.65	33.29	19.41	56.00	46.00	-22.71	-26.59	Pass
5	5.4300	12.67	2.42	9.71	22.38	12.13	60.00	50.00	-37.62	-37.87	Pass
6	12.0780	20.97	13.46	9.78	30.75	23.24	60.00	50.00	-29.25	-26.76	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7℃/59%RH/101.0kPa	Test Mode	Mode 1
Tested By	Wang xinyuan	Line	N
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



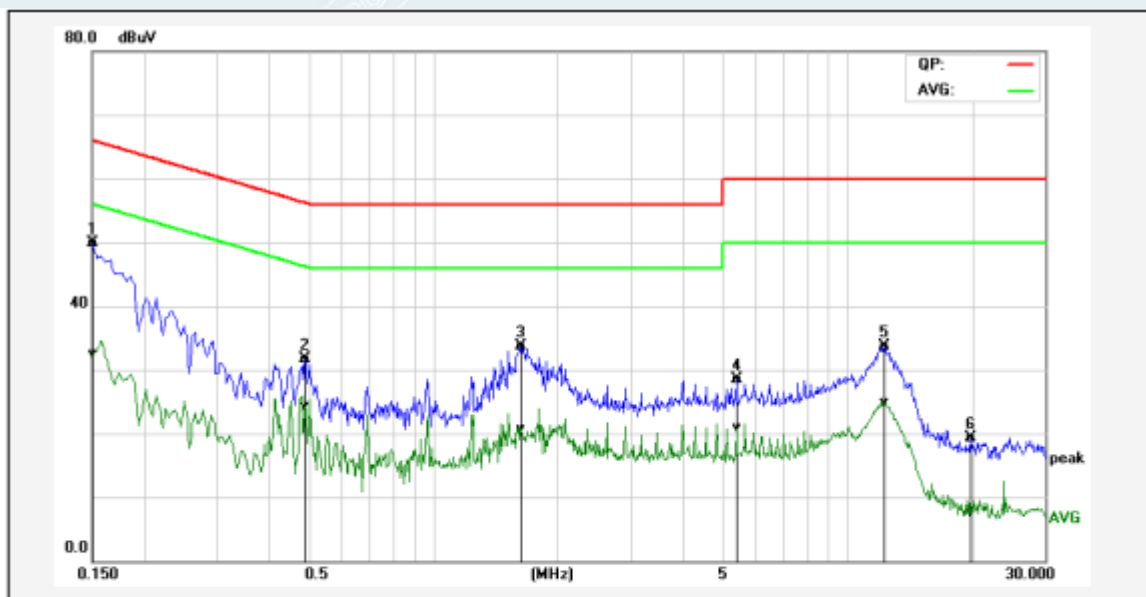
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1500	33.45	12.57	9.60	43.05	22.17	65.99	56.00	-22.94	-33.83	Pass
2	0.5060	19.65	9.30	9.60	29.25	18.90	56.00	46.00	-26.75	-27.10	Pass
3*	1.6460	24.63	10.77	9.64	34.27	20.41	56.00	46.00	-21.73	-25.59	Pass
4	4.9699	12.74	-0.79	9.70	22.44	8.91	56.00	46.00	-33.56	-37.09	Pass
5	12.5940	21.04	13.60	9.83	30.87	23.43	60.00	50.00	-29.13	-26.57	Pass
6	25.3620	8.97	-2.57	10.08	19.05	7.51	60.00	50.00	-40.95	-42.49	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7℃/59%RH/101.0kPa	Test Mode	Mode 2
Tested By	Wang xinyuan	Line	L
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



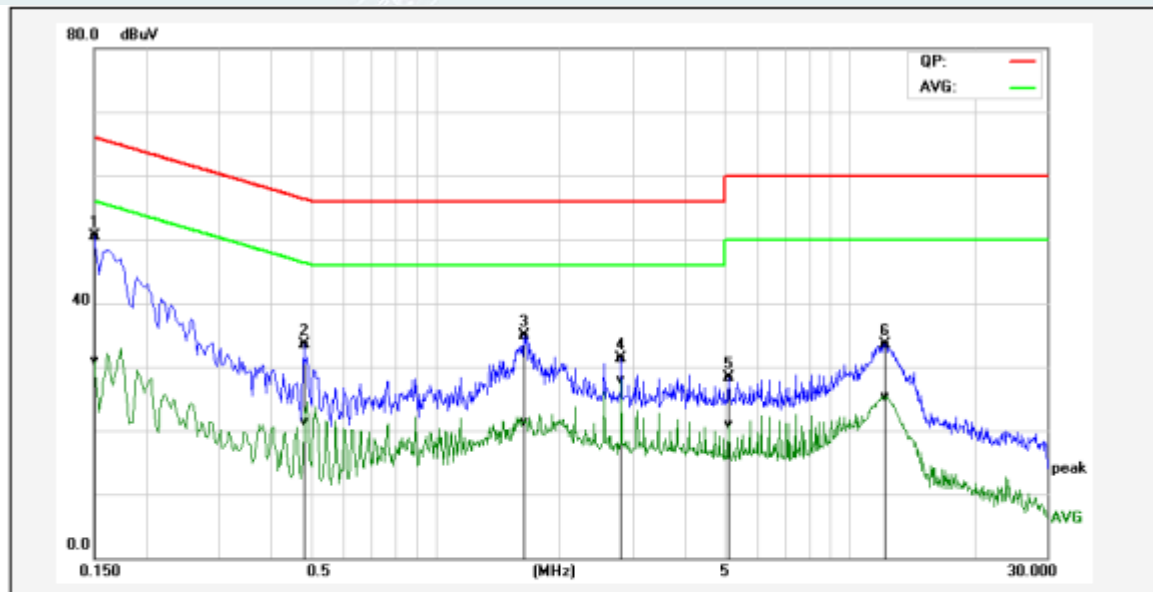
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1539	38.15	23.53	9.61	47.76	33.14	65.78	55.79	-18.02	-22.65	Pass
2	0.6940	19.80	14.77	9.62	29.42	24.39	56.00	46.00	-26.58	-21.61	Pass
3	1.6460	25.32	12.38	9.65	34.97	22.03	56.00	46.00	-21.03	-23.97	Pass
4	4.2940	18.22	10.93	9.69	27.91	20.62	56.00	46.00	-28.09	-25.38	Pass
5	12.1700	24.12	14.25	9.78	33.90	24.03	60.00	50.00	-26.10	-25.97	Pass
6	27.3740	10.04	-1.90	9.89	19.93	7.99	60.00	50.00	-40.07	-42.01	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 2
Tested By	Wang xinyuan	Line	N
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



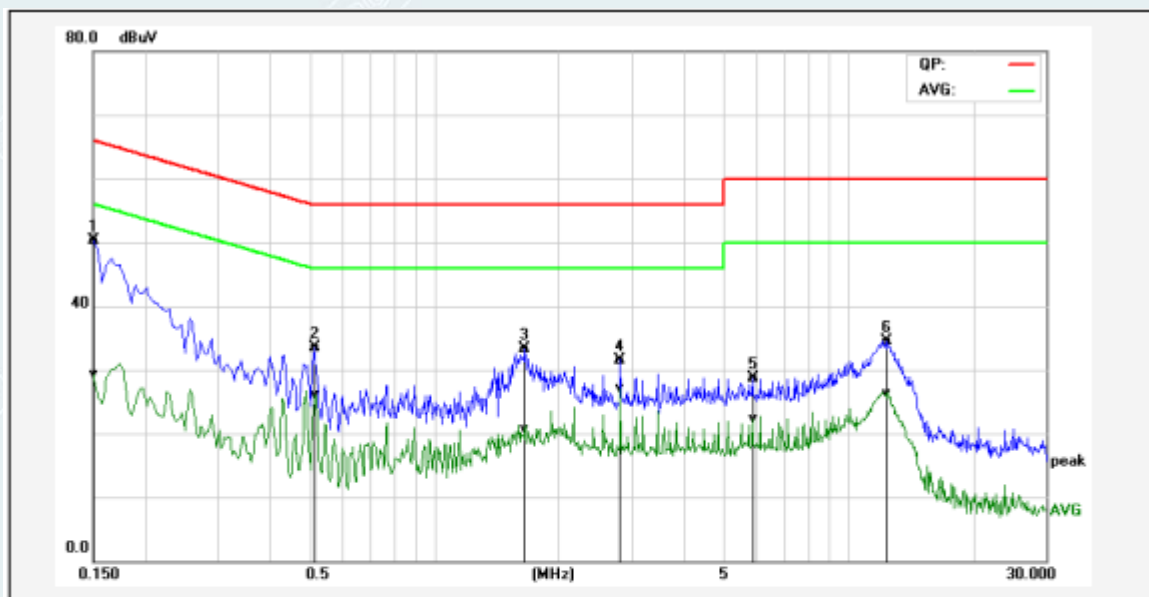
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1500	40.32	23.00	9.60	49.92	32.60	65.99	56.00	-16.07	-23.40	Pass
2	0.4900	22.08	14.69	9.60	31.68	24.29	56.17	46.17	-24.49	-21.88	Pass
3	1.6340	24.01	11.15	9.64	33.65	20.79	56.00	46.00	-22.35	-25.21	Pass
4	5.4020	18.88	11.26	9.71	28.59	20.97	60.00	50.00	-31.41	-29.03	Pass
5	12.2580	23.80	15.08	9.83	33.63	24.91	60.00	50.00	-26.37	-25.09	Pass
6	19.9300	9.38	-2.51	9.96	19.34	7.45	60.00	50.00	-40.66	-42.55	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 3
Tested By	Wang xinyuan	Line	L
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



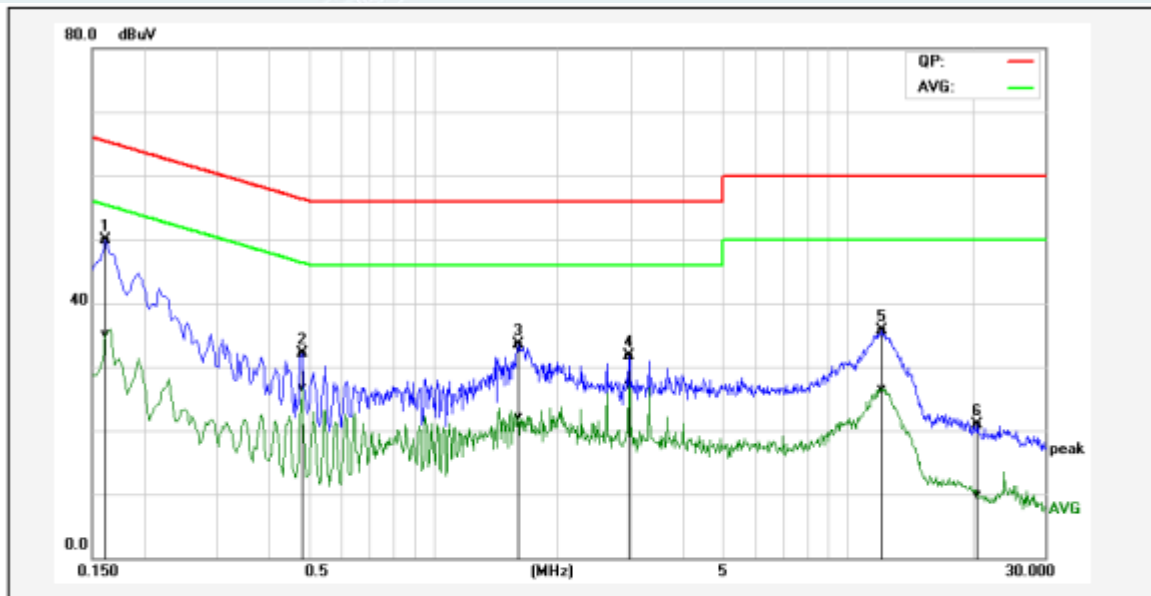
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1500	40.98	21.26	9.61	50.59	30.87	65.99	56.00	-15.40	-25.13	Pass
2	0.4820	23.88	11.66	9.61	33.49	21.27	56.30	46.30	-22.81	-25.03	Pass
3	1.6380	25.24	11.62	9.65	34.89	21.27	56.00	46.00	-21.11	-24.73	Pass
4	2.8179	21.63	18.16	9.67	31.30	27.83	56.00	46.00	-24.70	-18.17	Pass
5	5.1220	18.67	11.14	9.70	28.37	20.84	60.00	50.00	-31.63	-29.16	Pass
6	12.2500	23.77	15.59	9.78	33.55	25.37	60.00	50.00	-26.45	-24.63	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 3
Tested By	Wang xinyuan	Line	N
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



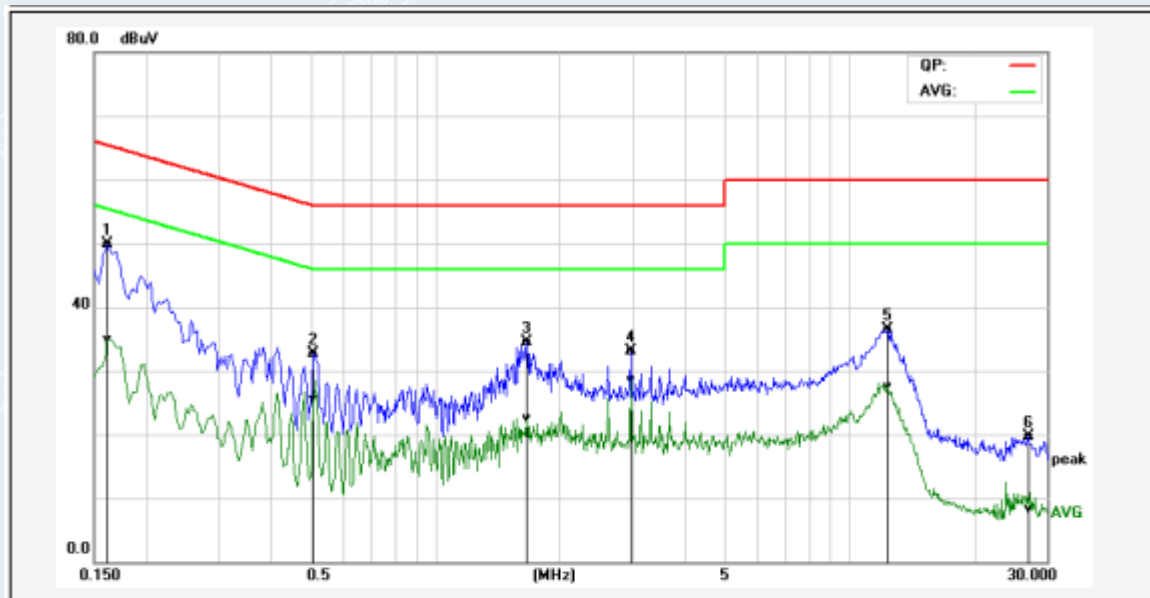
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1500	40.63	19.76	9.60	50.23	29.36	65.99	56.00	-15.76	-26.64	Pass
2	0.5140	23.93	16.56	9.60	33.53	26.16	56.00	46.00	-22.47	-19.84	Pass
3	1.6580	23.69	11.00	9.64	33.33	20.64	56.00	46.00	-22.67	-25.36	Pass
4	2.8179	21.94	17.35	9.66	31.60	27.01	56.00	46.00	-24.40	-18.99	Pass
5	5.8900	19.05	12.56	9.72	28.77	22.28	60.00	50.00	-31.23	-27.72	Pass
6	12.3500	24.71	16.42	9.83	34.54	26.25	60.00	50.00	-25.46	-23.75	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 4
Tested By	Wang xinyuan	Line	L
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



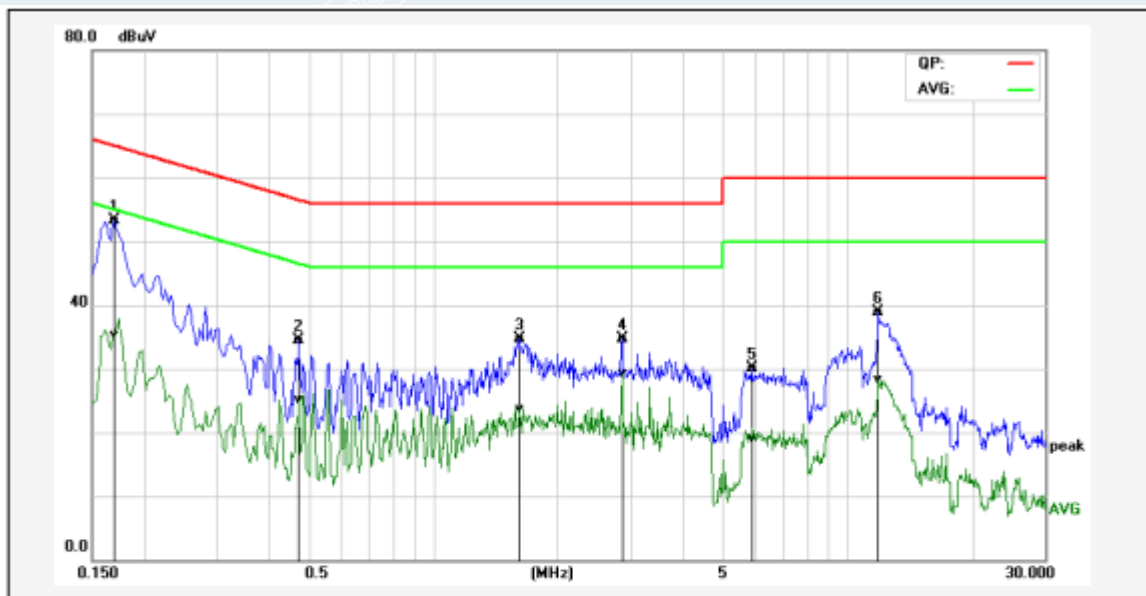
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1620	40.35	25.56	9.61	49.96	35.17	65.36	55.36	-15.40	-20.19	Pass
2	0.4820	22.40	17.11	9.61	32.01	26.72	56.30	46.30	-24.29	-19.58	Pass
3	1.6100	23.89	12.42	9.65	33.54	22.07	56.00	46.00	-22.46	-23.93	Pass
4	2.9739	22.09	17.45	9.67	31.76	27.12	56.00	46.00	-24.24	-18.88	Pass
5	12.1580	25.86	16.74	9.78	35.64	26.52	60.00	50.00	-24.36	-23.48	Pass
6	20.6900	10.97	-0.06	9.93	20.90	9.87	60.00	50.00	-39.10	-40.13	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 4
Tested By	Wang xinyuan	Line	N
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



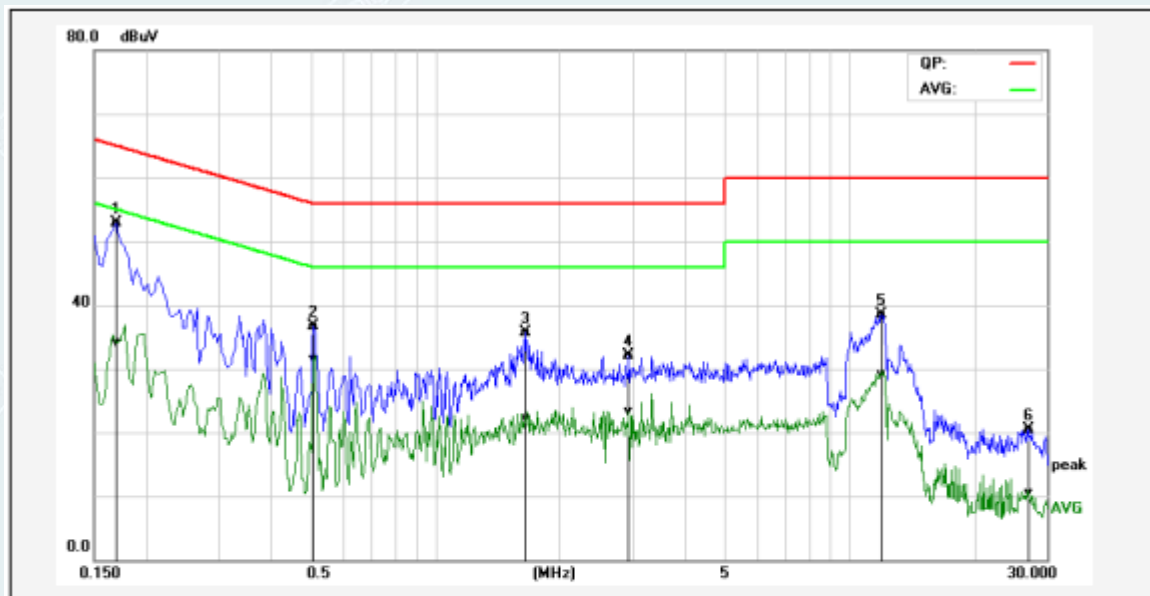
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1620	40.25	25.38	9.60	49.85	34.98	65.36	55.36	-15.51	-20.38	Pass
2	0.5100	23.10	15.93	9.60	32.70	25.53	56.00	46.00	-23.30	-20.47	Pass
3	1.6700	24.94	12.83	9.64	34.58	22.47	56.00	46.00	-21.42	-23.53	Pass
4	2.9660	23.35	18.87	9.66	33.01	28.53	56.00	46.00	-22.99	-17.47	Pass
5	12.3860	26.66	17.68	9.83	36.49	27.51	60.00	50.00	-23.51	-22.49	Pass
6	27.1260	9.71	-1.66	10.06	19.77	8.40	60.00	50.00	-40.23	-41.60	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 5
Tested By	Wang xinyuan	Line	L
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1700	43.68	25.69	9.61	53.29	35.30	64.96	54.96	-11.67	-19.66	Pass
2	0.4740	24.98	15.46	9.61	34.59	25.07	56.44	46.44	-21.85	-21.37	Pass
3	1.6180	25.10	14.00	9.65	34.75	23.65	56.00	46.00	-21.25	-22.35	Pass
4	2.8620	25.11	19.54	9.67	34.78	29.21	56.00	46.00	-21.22	-16.79	Pass
5	5.8940	20.42	9.33	9.71	30.13	19.04	60.00	50.00	-29.87	-30.96	Pass
6	11.9100	29.09	18.54	9.78	38.87	28.32	60.00	50.00	-21.13	-21.68	Pass

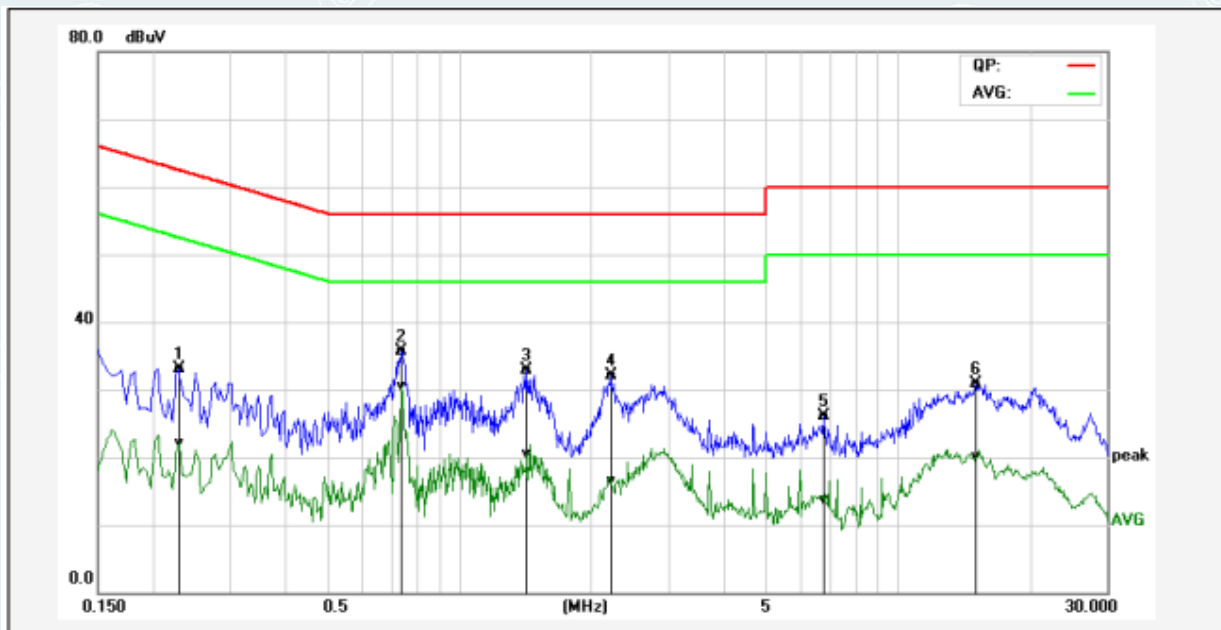
EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 5
Tested By	Wang xinyuan	Line	N
Tested Date	2023-06-19	Test Voltage	AC 120V/60Hz



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1700	43.23	24.55	9.60	52.83	34.15	64.96	54.96	-12.13	-20.81	Pass
2	0.5100	27.09	21.92	9.60	36.69	31.52	56.00	46.00	-19.31	-14.48	Pass
3	1.6460	25.97	12.63	9.64	35.61	22.27	56.00	46.00	-20.39	-23.73	Pass
4	2.9420	22.38	13.66	9.66	32.04	23.32	56.00	46.00	-23.96	-22.68	Pass
5	11.9420	28.59	19.32	9.82	38.41	29.14	60.00	50.00	-21.59	-20.86	Pass
6	27.0580	10.39	0.43	10.07	20.46	10.50	60.00	50.00	-39.54	-39.50	Pass

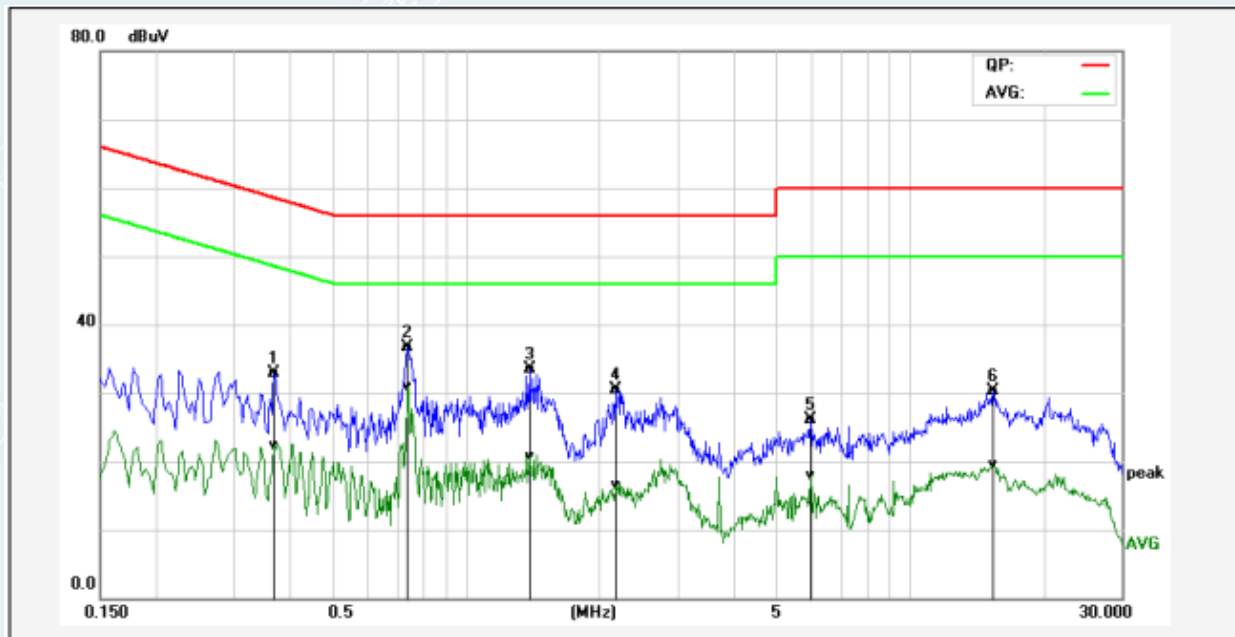
For adapter 2:

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 1
Tested By	Wang xinyuan	Line	L
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



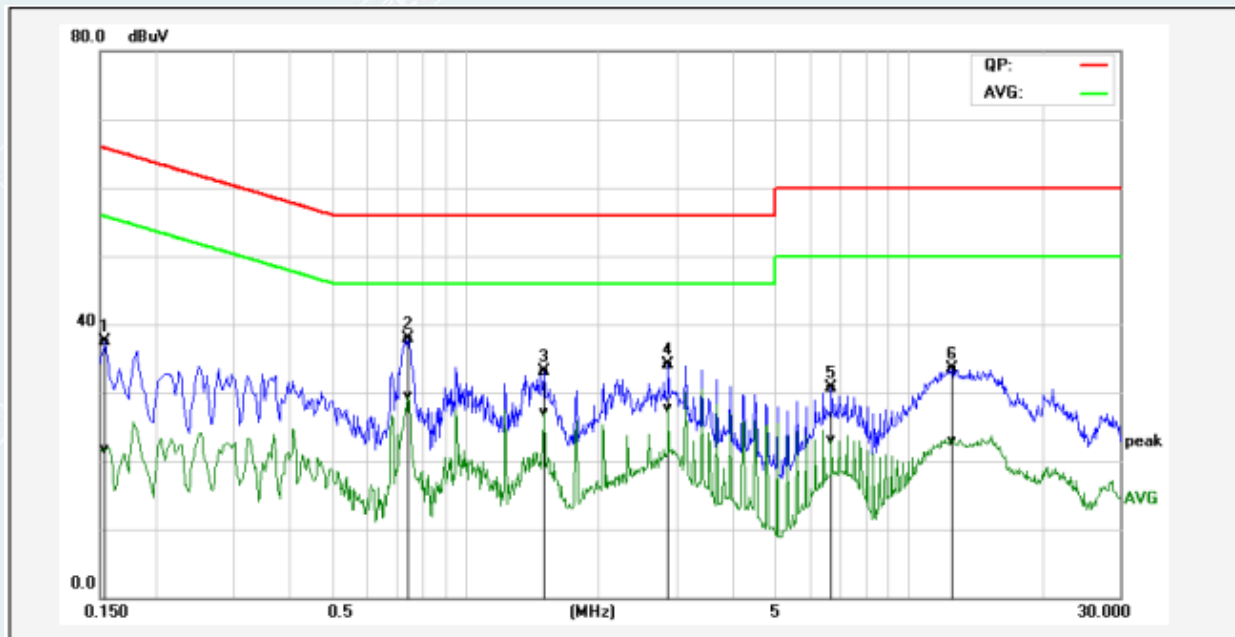
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.2300	23.44	12.48	9.66	33.10	22.14	62.45	52.45	-29.35	-30.31	Pass
2*	0.7420	26.00	20.76	9.69	35.69	30.45	56.00	46.00	-20.31	-15.55	Pass
3	1.4299	23.13	10.86	9.70	32.83	20.56	56.00	46.00	-23.17	-25.44	Pass
4	2.2220	22.31	6.78	9.72	32.03	16.50	56.00	46.00	-23.97	-29.50	Pass
5	6.7700	16.32	3.90	9.78	26.10	13.68	60.00	50.00	-33.90	-36.32	Pass
6	15.1100	21.02	10.18	9.86	30.88	20.04	60.00	50.00	-29.12	-29.96	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 1
Tested By	Wang xinyuan	Line	N
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



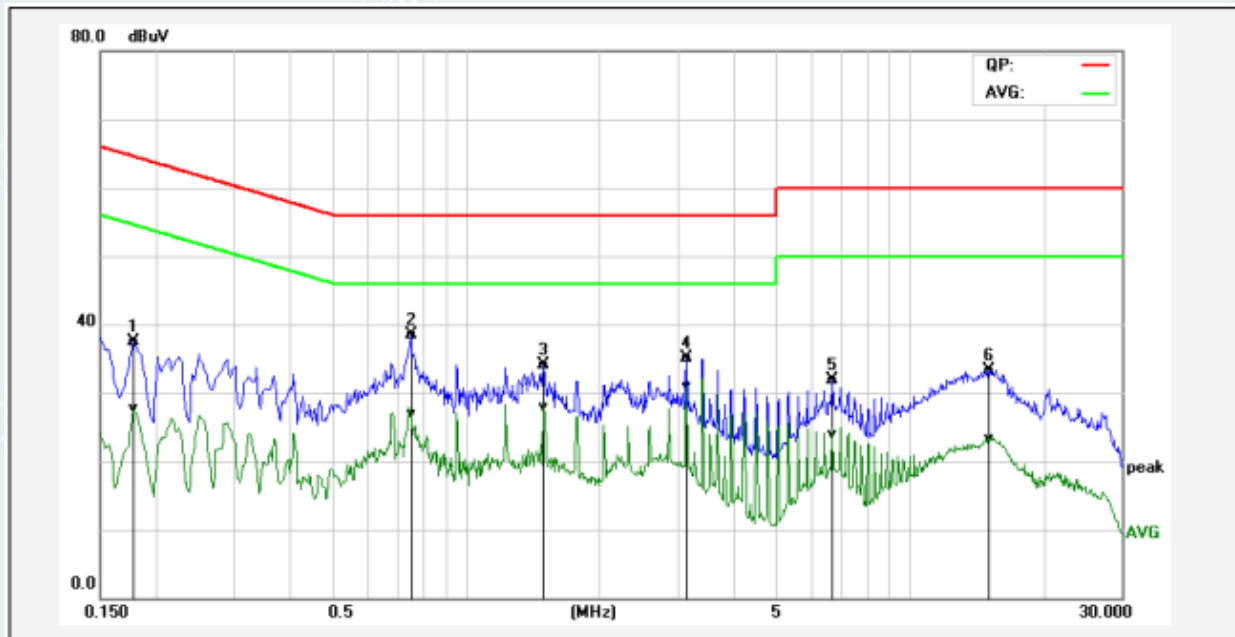
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.3700	23.32	12.71	9.67	32.99	22.38	58.50	48.50	-25.51	-26.12	Pass
2*	0.7420	27.02	21.24	9.68	36.70	30.92	56.00	46.00	-19.30	-15.08	Pass
3	1.3940	23.71	11.05	9.70	33.41	20.75	56.00	46.00	-22.59	-25.25	Pass
4	2.1740	20.71	6.73	9.71	30.42	16.44	56.00	46.00	-25.58	-29.56	Pass
5	5.9860	16.31	8.03	9.78	26.09	17.81	60.00	50.00	-33.91	-32.19	Pass
6	15.3900	20.36	9.52	9.93	30.29	19.45	60.00	50.00	-29.71	-30.55	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 2
Tested By	Wang xinyuan	Line	L
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



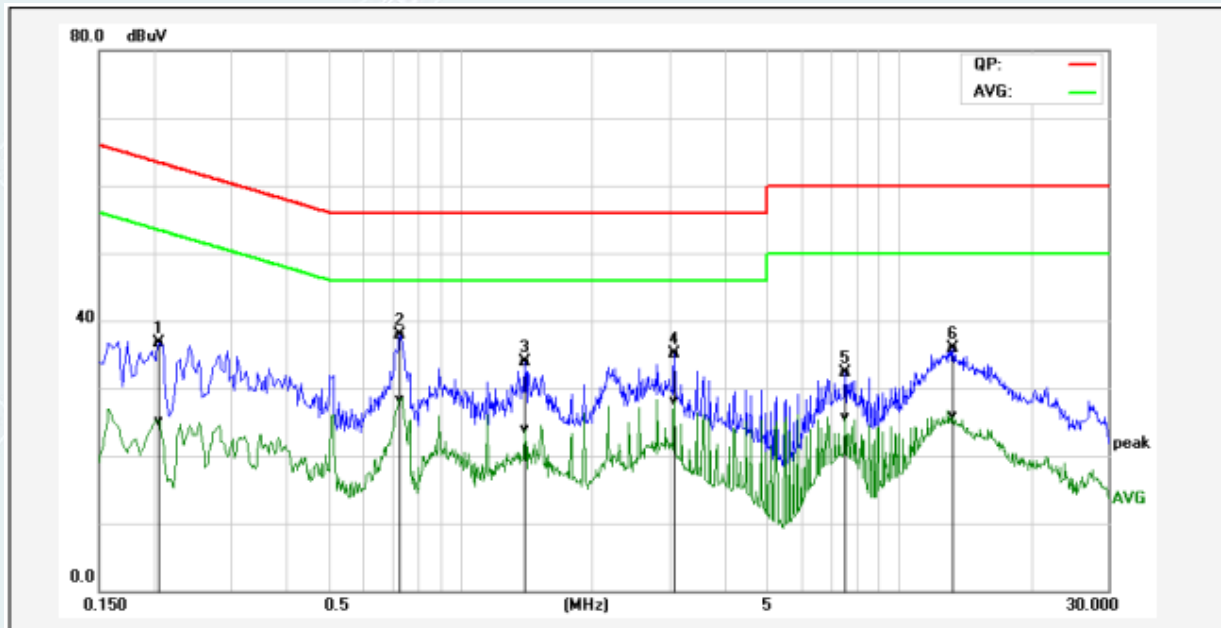
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1539	27.89	12.09	9.67	37.56	21.76	65.78	55.79	-28.22	-34.03	Pass
2*	0.7460	28.17	19.80	9.69	37.86	29.49	56.00	46.00	-18.14	-16.51	Pass
3	1.5060	23.30	17.43	9.71	33.01	27.14	56.00	46.00	-22.99	-18.86	Pass
4	2.8780	24.43	17.89	9.74	34.17	27.63	56.00	46.00	-21.83	-18.37	Pass
5	6.7140	20.96	13.38	9.78	30.74	23.16	60.00	50.00	-29.26	-26.84	Pass
6	12.5180	23.70	13.14	9.85	33.55	22.99	60.00	50.00	-26.45	-27.01	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 2
Tested By	Wang xinyuan	Line	N
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



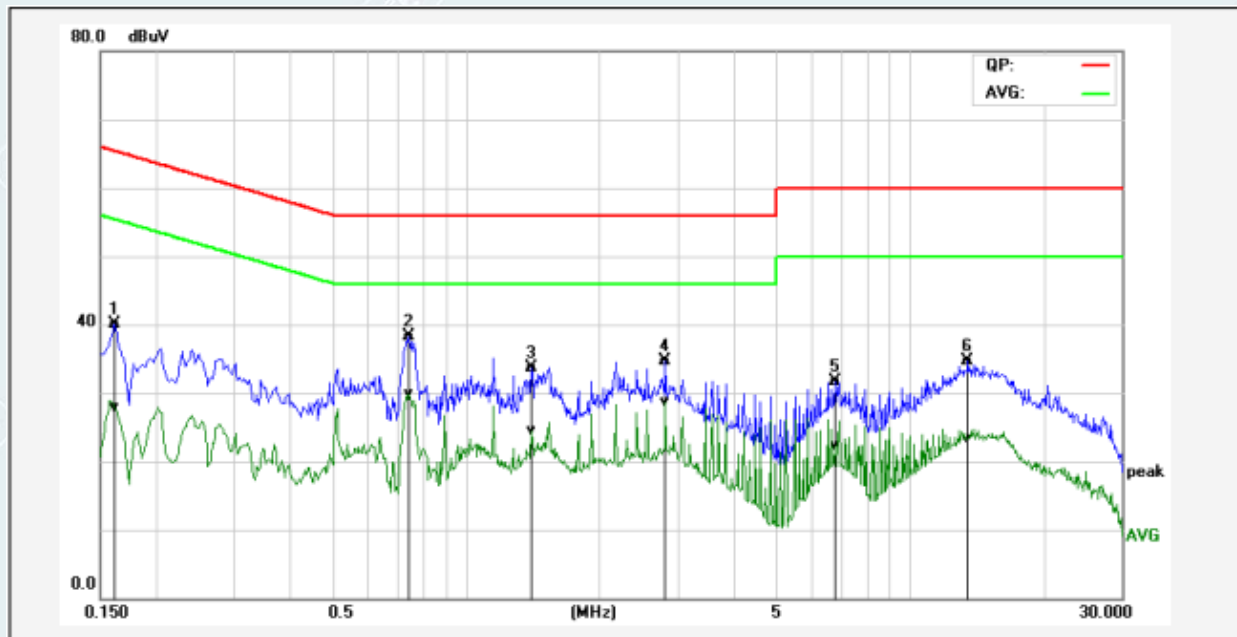
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1780	27.77	18.14	9.65	37.42	27.79	64.57	54.58	-27.15	-26.79	Pass
2	0.7539	28.87	17.22	9.69	38.56	26.91	56.00	46.00	-17.44	-19.09	Pass
3	1.5020	24.32	18.23	9.70	34.02	27.93	56.00	46.00	-21.98	-18.07	Pass
4*	3.1420	25.41	21.23	9.73	35.14	30.96	56.00	46.00	-20.86	-15.04	Pass
5	6.6980	22.09	14.16	9.79	31.88	23.95	60.00	50.00	-28.12	-26.05	Pass
6	15.1020	23.30	13.37	9.93	33.23	23.30	60.00	50.00	-26.77	-26.70	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 3
Tested By	Wang xinyuan	Line	L
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



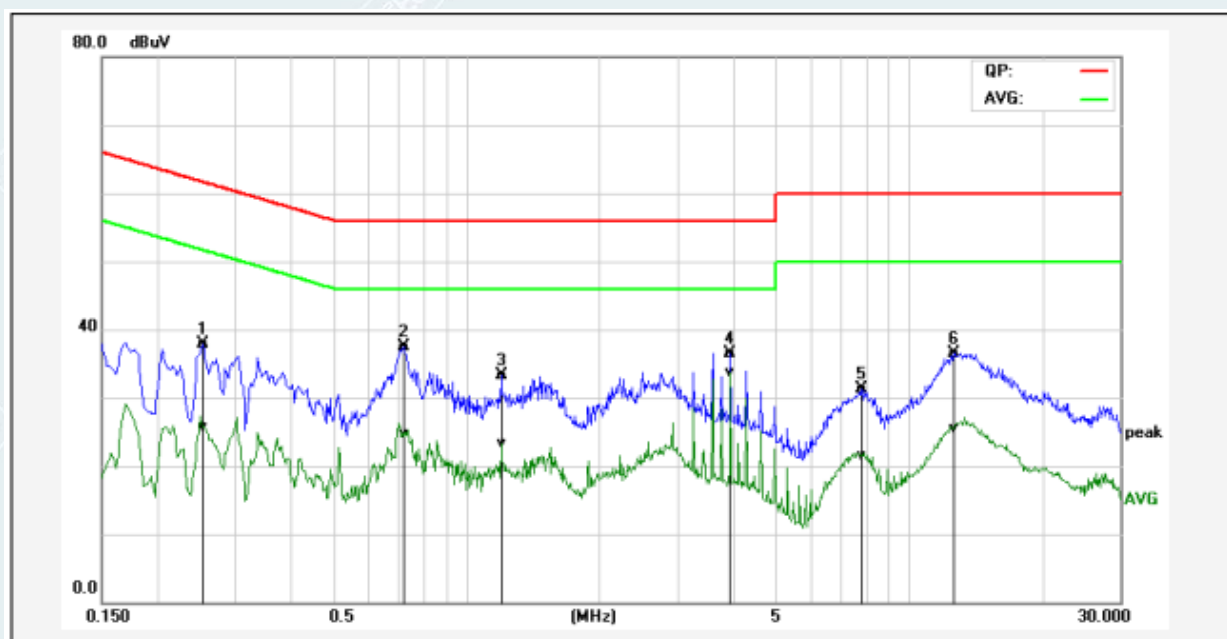
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.2060	27.10	15.45	9.66	36.76	25.11	63.36	53.37	-26.60	-28.26	Pass
2*	0.7300	28.22	18.71	9.69	37.91	28.40	56.00	46.00	-18.09	-17.60	Pass
3	1.4060	24.27	14.25	9.70	33.97	23.95	56.00	46.00	-22.03	-22.05	Pass
4	3.0740	25.45	18.35	9.74	35.19	28.09	56.00	46.00	-20.81	-17.91	Pass
5	7.5580	22.43	15.98	9.79	32.22	25.77	60.00	50.00	-27.78	-24.23	Pass
6	13.3180	26.15	16.01	9.85	36.00	25.86	60.00	50.00	-24.00	-24.14	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 3
Tested By	Wang xinyuan	Line	N
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



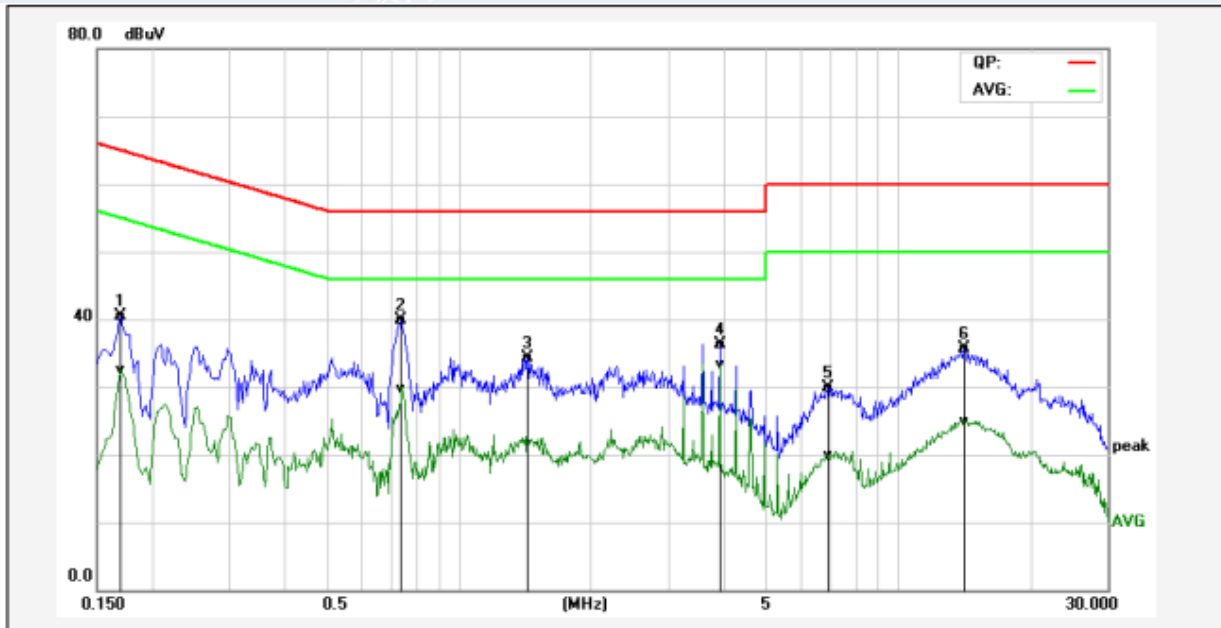
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1620	30.51	18.30	9.66	40.17	27.96	65.36	55.36	-25.19	-27.40	Pass
2*	0.7460	28.58	20.24	9.68	38.26	29.92	56.00	46.00	-17.74	-16.08	Pass
3	1.4100	24.06	14.87	9.70	33.76	24.57	56.00	46.00	-22.24	-21.43	Pass
4	2.8179	25.04	18.91	9.73	34.77	28.64	56.00	46.00	-21.23	-17.36	Pass
5	6.7900	21.82	12.60	9.79	31.61	22.39	60.00	50.00	-28.39	-27.61	Pass
6	13.5180	24.89	13.46	9.90	34.79	23.36	60.00	50.00	-25.21	-26.64	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 4
Tested By	Wang xinyuan	Line	L
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



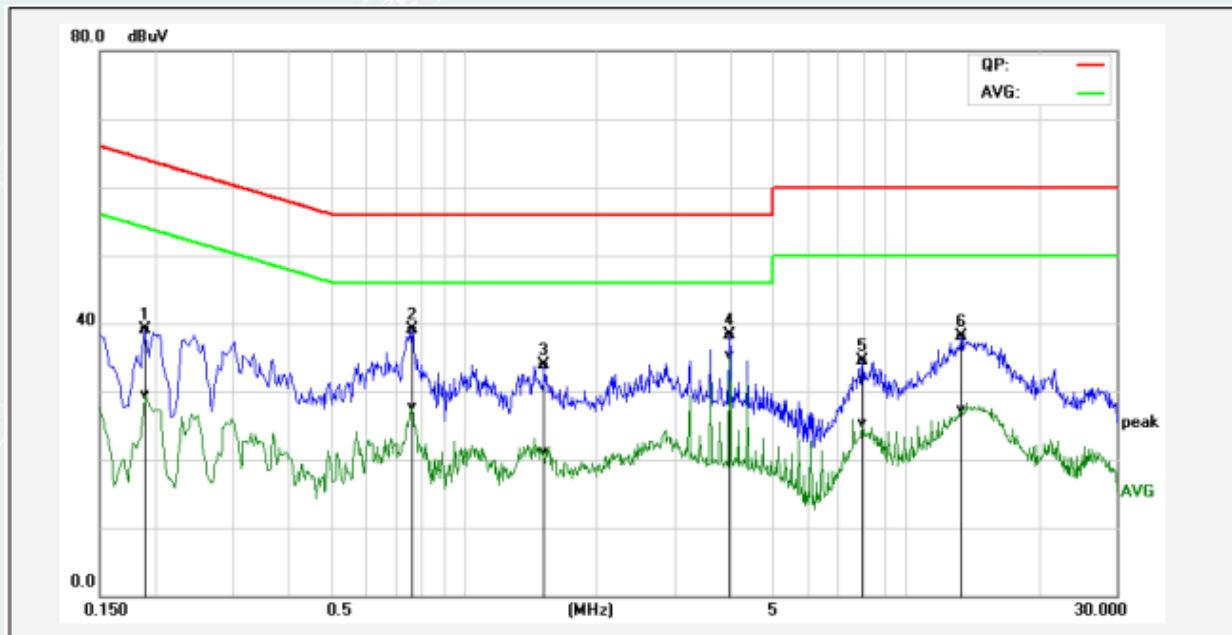
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.2540	28.20	16.07	9.67	37.87	25.74	61.62	51.63	-23.75	-25.89	Pass
2	0.7220	27.72	15.11	9.69	37.41	24.80	56.00	46.00	-18.59	-21.20	Pass
3	1.2020	23.68	13.65	9.70	33.38	23.35	56.00	46.00	-22.62	-22.65	Pass
4*	3.9500	26.81	23.97	9.75	36.56	33.72	56.00	46.00	-19.44	-12.28	Pass
5	7.8500	21.53	11.66	9.80	31.33	21.46	60.00	50.00	-28.67	-28.54	Pass
6	12.6180	26.72	15.66	9.85	36.57	25.51	60.00	50.00	-23.43	-24.49	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 4
Tested By	Wang xinyuan	Line	N
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



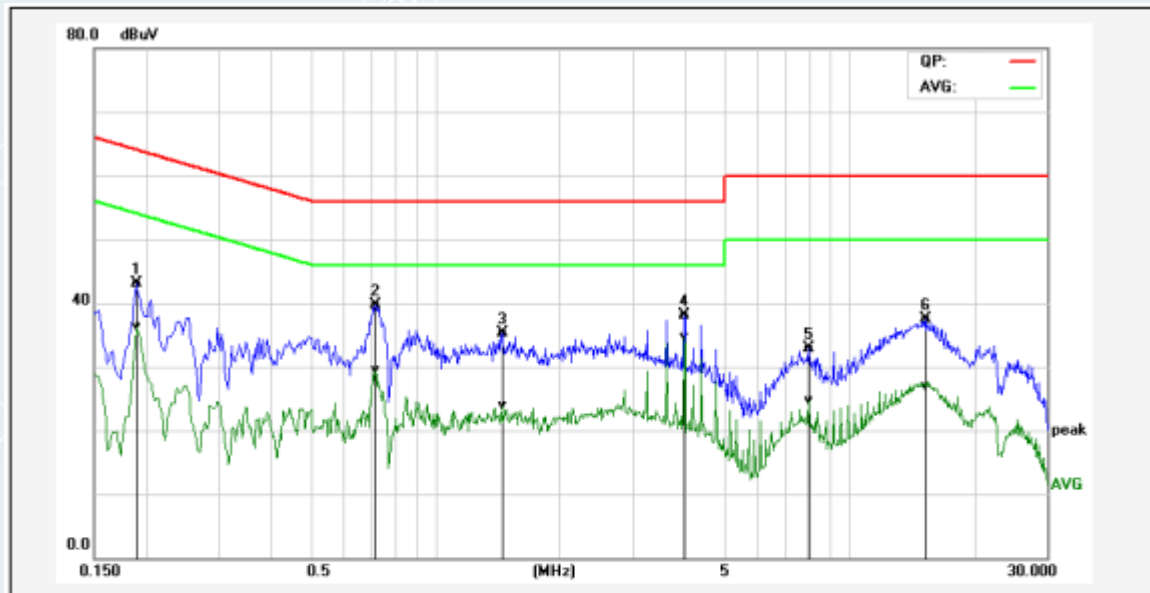
No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1700	30.82	22.92	9.66	40.48	32.58	64.96	54.96	-24.48	-22.38	Pass
2	0.7420	30.19	19.98	9.68	39.87	29.66	56.00	46.00	-16.13	-16.34	Pass
3	1.4380	24.58	11.76	9.70	34.28	21.46	56.00	46.00	-21.72	-24.54	Pass
4*	3.9380	26.64	23.53	9.75	36.39	33.28	56.00	46.00	-19.61	-12.72	Pass
5	6.9340	20.19	10.04	9.79	29.98	19.83	60.00	50.00	-30.02	-30.17	Pass
6	14.1820	25.86	15.01	9.92	35.78	24.93	60.00	50.00	-24.22	-25.07	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 5
Tested By	Wang xinyuan	Line	L
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1900	29.53	19.85	9.66	39.19	29.51	64.03	54.04	-24.84	-24.53	Pass
2	0.7660	29.41	18.07	9.70	39.11	27.77	56.00	46.00	-16.89	-18.23	Pass
3	1.5260	24.09	11.37	9.72	33.81	21.09	56.00	46.00	-22.19	-24.91	Pass
4*	4.0060	28.48	25.49	9.75	38.23	35.24	56.00	46.00	-17.77	-10.76	Pass
5	8.0100	24.61	15.57	9.80	34.41	25.37	60.00	50.00	-25.59	-24.63	Pass
6	13.3540	28.25	17.53	9.85	38.10	27.38	60.00	50.00	-21.90	-22.62	Pass

EUT Name	Multifunctional Clock Bluetooth Speaker Charger	Model	TEKHOME ONXYZ
Environmental Conditions	24.7°C/59%RH/101.0kPa	Test Mode	Mode 5
Tested By	Wang xinyuan	Line	N
Tested Date	2023-08-01	Test Voltage	AC 120V/60Hz



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1900	33.42	26.73	9.65	43.07	36.38	64.03	54.04	-20.96	-17.66	Pass
2	0.7180	29.94	19.83	9.68	39.62	29.51	56.00	46.00	-16.38	-16.49	Pass
3	1.4540	25.65	14.22	9.70	35.35	23.92	56.00	46.00	-20.65	-22.08	Pass
4*	4.0060	28.31	25.03	9.75	38.06	34.78	56.00	46.00	-17.94	-11.22	Pass
5	8.0140	23.15	14.82	9.81	32.96	24.63	60.00	50.00	-27.04	-25.37	Pass
6	15.2580	27.58	16.89	9.93	37.51	26.82	60.00	50.00	-22.49	-23.18	Pass

6. RADIATED SPURIOUS EMISSIONS

6.1 LIMITS

Frequency (MHz)	Quasi-peak($\mu\text{V/m}$)	Measurement distance(m)	Quasi-peak(dB $\mu\text{V/m}$)@distance 3m
0.009-0.490	2400/F(kHz)	300	128.5~93.8
0.490-1.705	24000/F(kHz)	30	73.8~63
1.705-30.0	30	30	69.5
30 ~ 88	100	3	40
88~216	150	3	43.5
216 ~ 960	200	3	46
Above 960	500	3	54

NOTE: (1) The lower limit shall apply at the transition frequencies.

6.2 TEST PROCEDURES

1) Sequence of testing 9kHz to 30MHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.
- If the EUT is a floor standing device, it is placed on the ground.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Pre measurement:

- The turntable rotates from 0 °to 360 °.
- The antenna height is 1 meter.
- At each turntable position the analyzer sweeps with peak detection to find the maximum of all emissions.

Final measurement:

- Identified emissions during the pre measurement the software maximizes by rotating the turntable position (0 °to 360 °) and by rotating the elevation axes (0 °to 360 °).
- The final measurement will be done in the position (turntable and elevation) causing the highest emissions with QP detector.
- The final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the pre measurement and the limit will be stored.

2) Sequence of testing 30MHz to 1GHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.

- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The measurement distance is 3 meter.
- The EUT was set into operation.

Pre measurement:

- The turntable rotates from 0 °to 360 °.
- The antenna is polarized vertical and horizontal.
- The antenna height changes from 1 to 4 meter.
- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.

Final measurement:

- The final measurement will be performed with minimum the six highest peaks.
- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable rotates from 0 °to 360 °and antenna movement between 1 and 4 meter.
- The final measurement will be done with QP detector with an EMI receiver.
- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

MEASURING INSTRUMENTS SETTING

9kHz to 150kHz

Receiver parameters	Setting
RBW	200Hz
VBW	200Hz
Start frequency	9kHz
Stop frequency	150kHz
Sweep time	Auto
Detector	PK
Trace mode	Max Hold

150kHz to 30MHz

Receiver parameters	Setting
RBW	9kHz
VBW	10kHz
Start frequency	150kHz
Stop frequency	30MHz
Sweep time	Auto
Detector	PK
Trace mode	Max Hold

30MHz to 1GHz

Receiver parameters	Setting
RBW	100kHz
VBW	300kHz
Start frequency	30MHz
Stop frequency	1GHz
Sweep time	Auto
Detector	QP
Trace mode	Max Hold

6.3 TEST SETUP

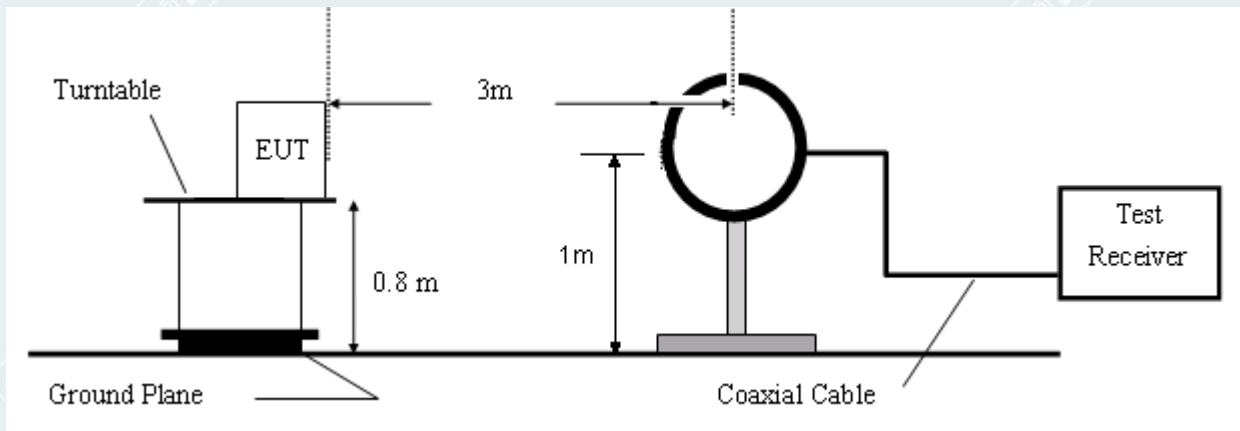


Figure 1. 9kHz to 30MHz radiated emissions test configuration

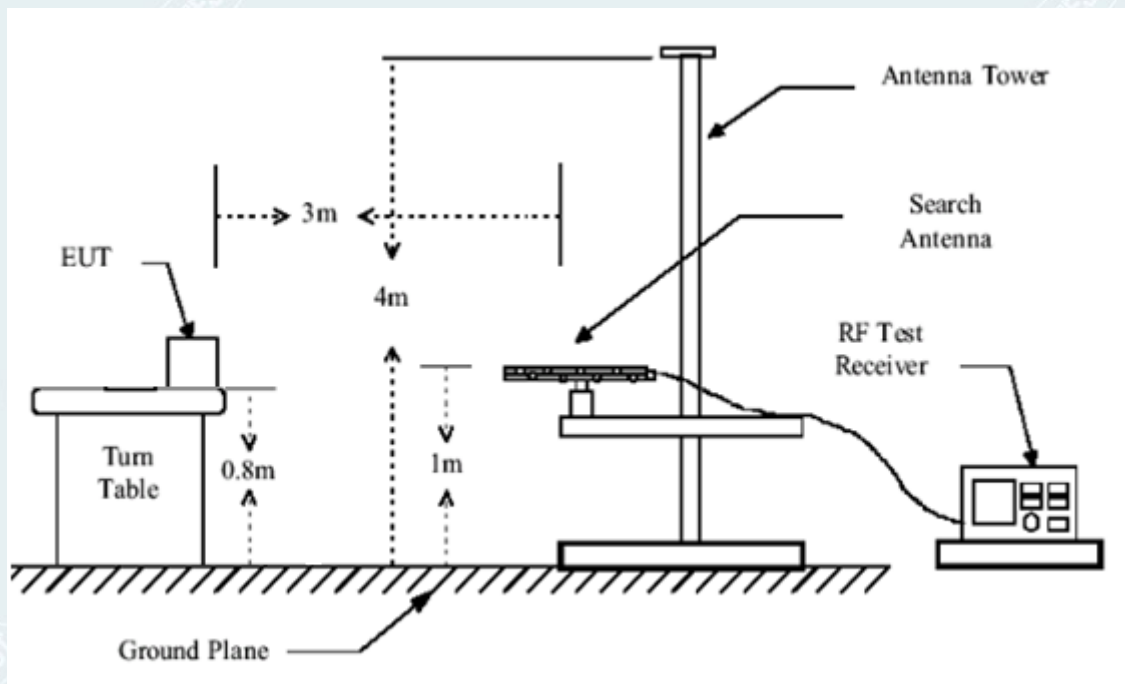


Figure 2. 30MHz to 1GHz radiated emissions test configuration

6.4 DATA SAMPLE

0.009MHz to 30MHz

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	XXX	28.60	50.34	21.74	112.63	62.29	PK	100	93	Coplanar	PASS
2	XXX	29.88	51.89	22.01	107.25	55.36	PK	100	93	Coplanar	PASS

Frequency (MHz) = Emission frequency in MHz

Ant.Pol. (Coplanar/ Coaxial) = Antenna polarization

Reading (dBuV/m) = Uncorrected Analyzer / Receiver reading

Factor (dB) = Antenna factor + Cable loss – Amplifier gain

Level (dBuV/m) = Reading (dBuV/m) + Factor (dB)
 Limit (dBuV/m) = Limit stated in standard
 Margin (dB) = Limit (dBuV/m) – Level (dBuV/m)
 PK = Peak Reading

30MHz to 1GHz

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Detector type
xxx	xxx	37.06	-15.48	21.58	40.00	-18.42	304	200	QP

Frequency (MHz) = Emission frequency in MHz
 Reading (dBuV) = Uncorrected Analyzer / Receiver reading
 Correction Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain
 Result (dBuV/m) = Reading (dBuV) + Correction Factor (dB/m)
 Limit (dBuV/m) = Limit stated in standard
 Margin (dB) = Remark Result (dBuV/m) – Limit (dBuV/m)
 QP = Quasi-peak Reading

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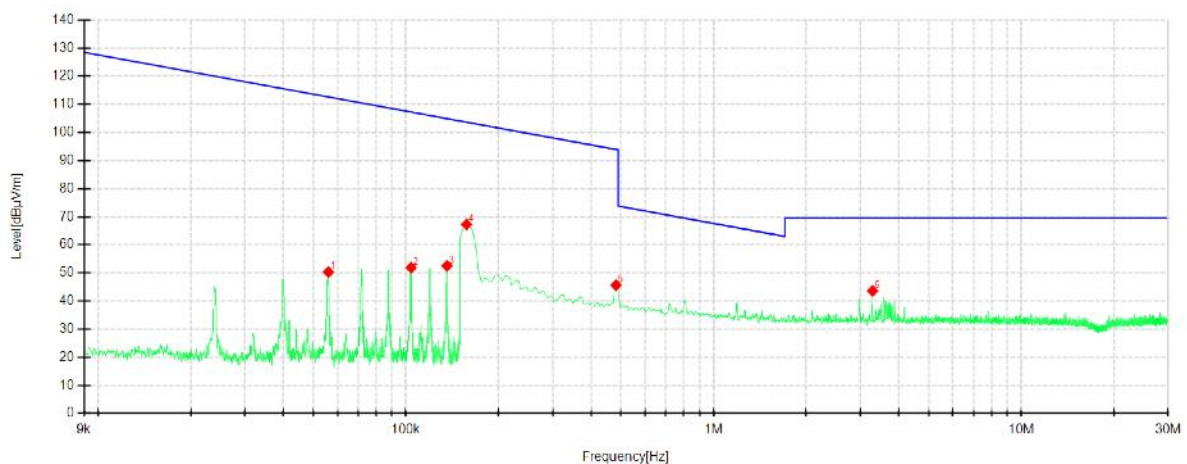
6.5 TEST RESULTS

For adapter 1:

9kHz-30MHz

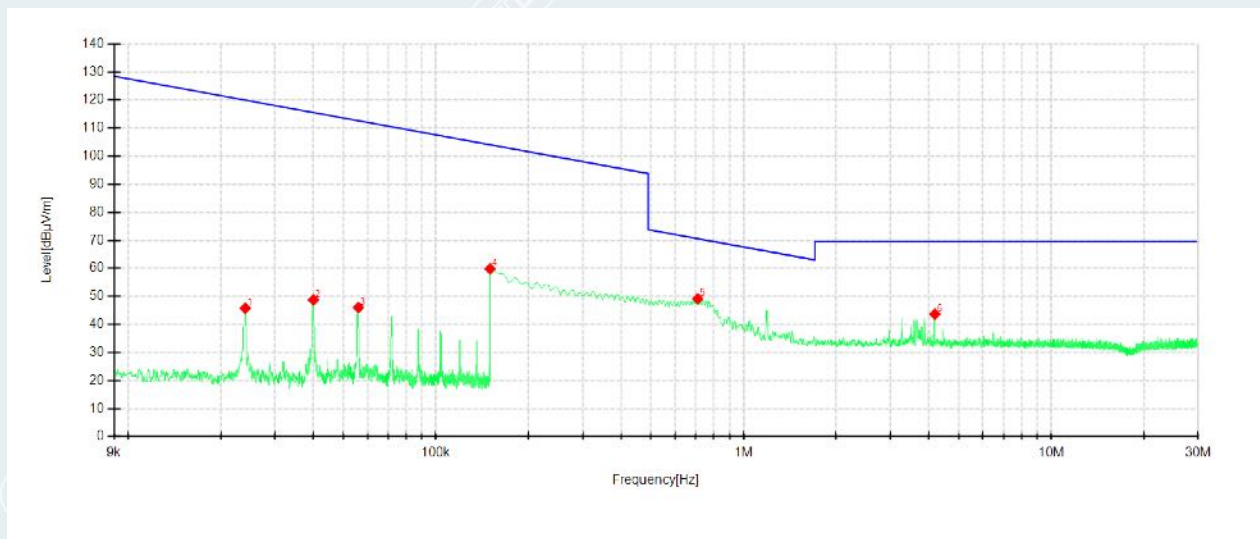
Note: If the margin of the pre-test results is greater than 6dB, it meets the requirements of quasi peak or average values, and final testing is no longer required.

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 1	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8°C; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-06-16	/	/



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0560	28.60	50.34	21.74	112.63	62.29	PK	100	93	Coplanar	PASS
2	0.1041	29.88	51.89	22.01	107.25	55.36	PK	100	93	Coplanar	PASS
3	0.1360	30.44	52.53	22.09	104.92	52.39	PK	100	93	Coplanar	PASS
4	0.1575	45.10	67.26	22.16	103.65	36.39	PK	100	291	Coplanar	PASS
5	0.4821	23.24	45.63	22.39	93.94	48.31	PK	100	270	Coplanar	PASS
6	3.2880	21.03	43.61	22.58	69.54	25.93	PK	100	14	Coplanar	PASS

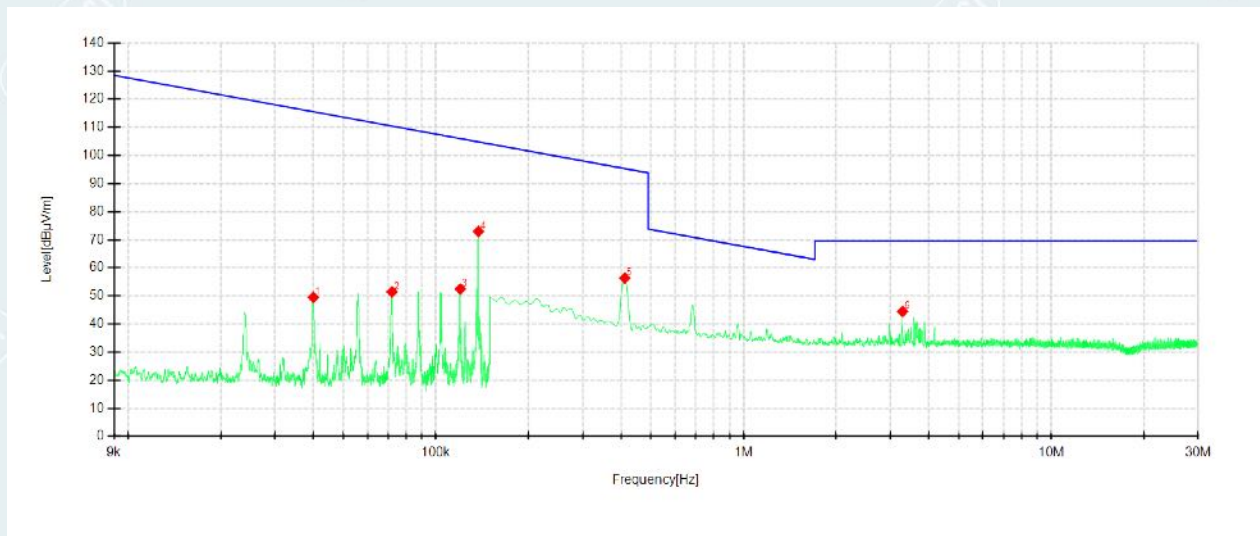


Suspected Data List

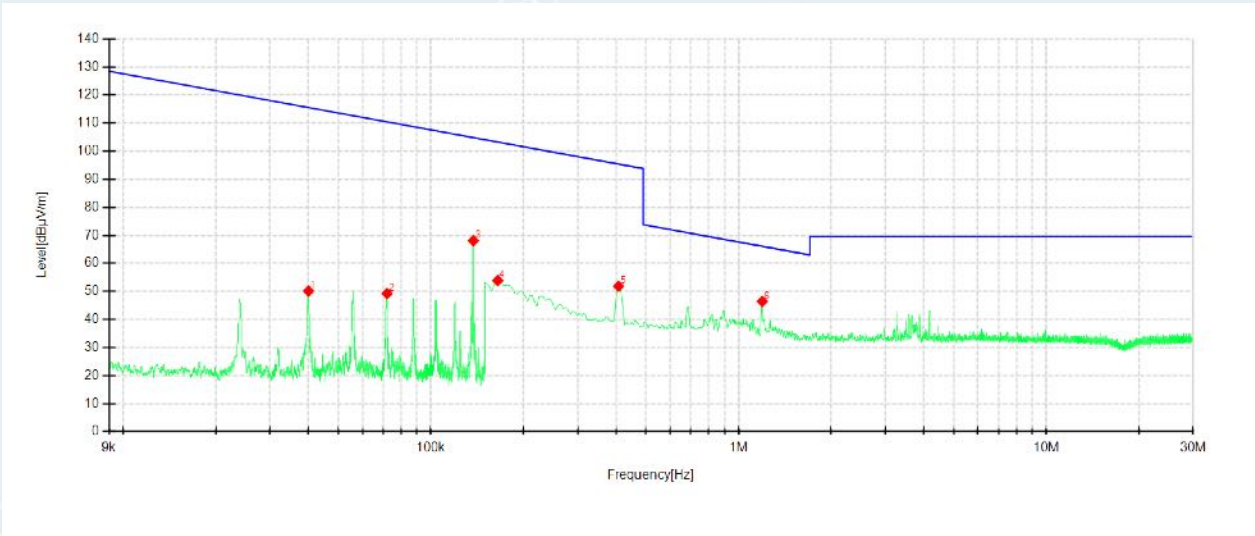
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0240	23.95	45.79	21.84	119.98	74.19	PK	100	233	Coaxial	PASS
2	0.0400	27.10	48.75	21.65	115.55	66.80	PK	100	254	Coaxial	PASS
3	0.0560	24.31	46.05	21.74	112.63	66.58	PK	100	276	Coaxial	PASS
4	0.1500	37.68	59.82	22.14	104.08	44.26	PK	100	25	Coaxial	PASS
5	0.7097	26.74	49.15	22.41	70.59	21.44	PK	100	14	Coaxial	PASS
6	4.1872	21.03	43.67	22.64	69.54	25.87	PK	100	14	Coaxial	PASS

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Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 2	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8℃; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-06-16	/	/



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	27.86	49.51	21.65	115.55	66.04	PK	100	355	Coplanar	PASS
2	0.0720	29.60	51.45	21.85	110.45	59.00	PK	100	334	Coplanar	PASS
3	0.1200	30.42	52.47	22.05	106.01	53.54	PK	100	334	Coplanar	PASS
4	0.1375	50.86	72.96	22.10	104.83	31.87	PK	100	93	Coplanar	PASS
5	0.4112	33.93	56.36	22.43	95.32	38.96	PK	100	249	Coplanar	PASS
6	3.2880	21.90	44.48	22.58	69.54	25.06	PK	100	0	Coplanar	PASS

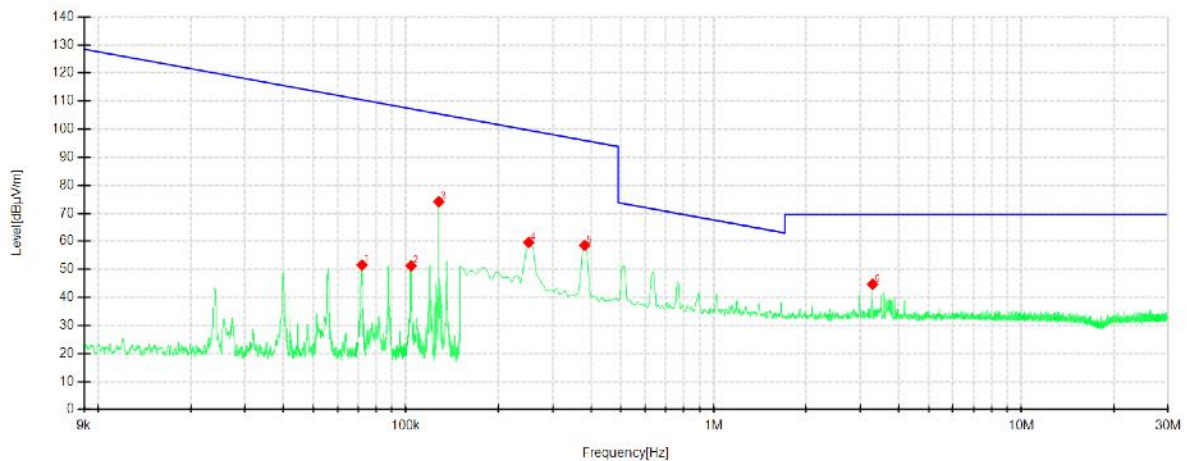


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	28.49	50.14	21.65	115.55	65.41	PK	100	354	Coaxial	PASS
2	0.0720	27.39	49.24	21.85	110.44	61.20	PK	100	354	Coaxial	PASS
3	0.1374	45.97	68.07	22.10	104.84	36.77	PK	100	168	Coaxial	PASS
4	0.1649	31.71	53.89	22.18	103.25	49.36	PK	100	342	Coaxial	PASS
5	0.4075	29.40	51.84	22.44	95.40	43.56	PK	100	152	Coaxial	PASS
6	1.1948	23.98	46.43	22.45	66.08	19.65	PK	100	129	Coaxial	PASS

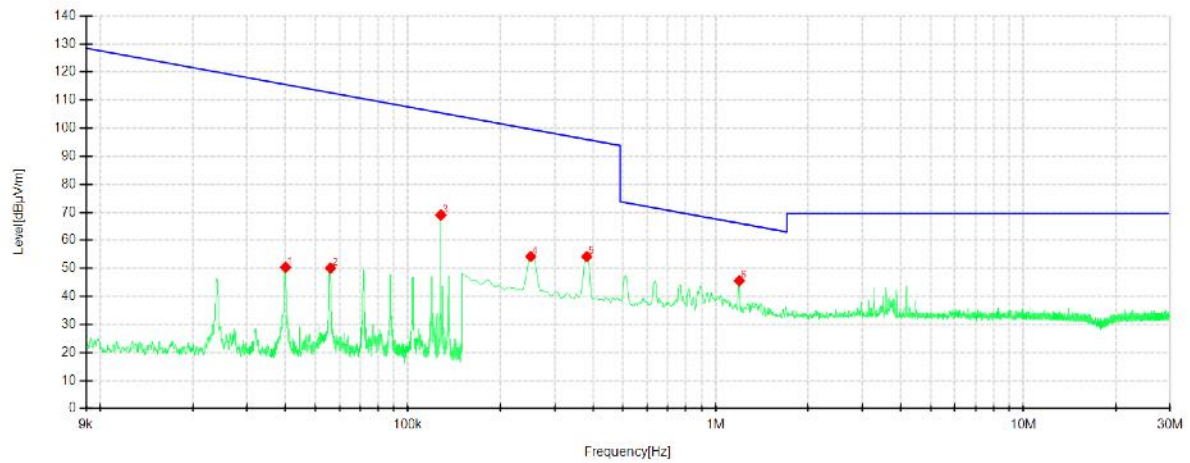
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Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 3	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8℃; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-06-16	/	/



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0720	29.71	51.56	21.85	110.44	58.88	PK	100	146	Coplanar	PASS
2	0.1041	29.26	51.27	22.01	107.25	55.98	PK	100	146	Coplanar	PASS
3	0.1279	52.05	74.12	22.07	105.46	31.34	PK	100	124	Coplanar	PASS
4	0.2507	37.23	59.63	22.40	99.62	39.99	PK	100	289	Coplanar	PASS
5	0.3813	36.10	58.55	22.45	95.98	37.43	PK	100	289	Coplanar	PASS
6	3.2880	22.10	44.68	22.58	69.54	24.86	PK	100	161	Coplanar	PASS

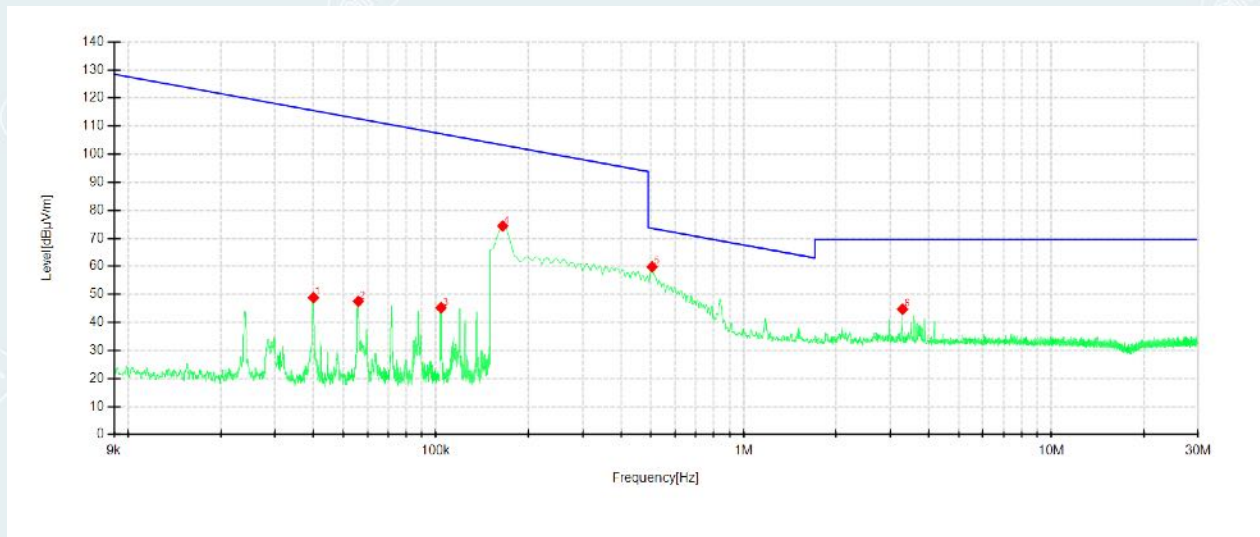


Suspected Data List

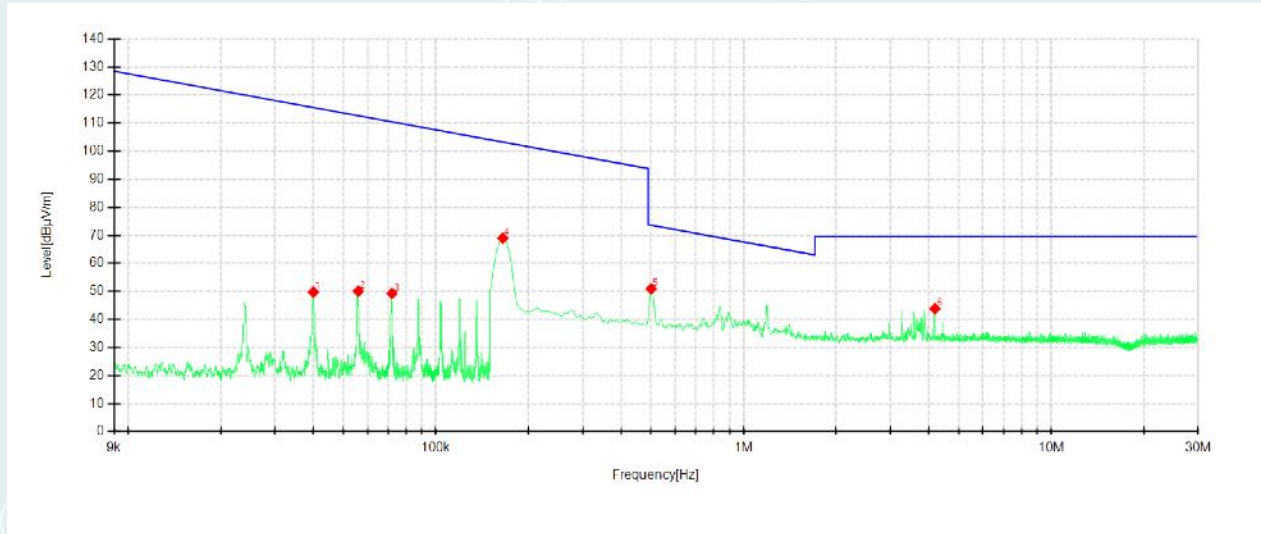
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	28.75	50.40	21.65	115.54	65.14	PK	100	268	Coaxial	PASS
2	0.0560	28.36	50.10	21.74	112.62	62.52	PK	100	268	Coaxial	PASS
3	0.1280	46.96	69.03	22.07	105.46	36.43	PK	100	213	Coaxial	PASS
4	0.2507	31.85	54.25	22.40	99.62	45.37	PK	100	25	Coaxial	PASS
5	0.3813	31.75	54.20	22.45	95.98	41.78	PK	100	216	Coaxial	PASS
6	1.1948	23.13	45.58	22.45	66.08	20.50	PK	100	302	Coaxial	PASS

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Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 4	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8℃; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-06-16	/	/



Suspected Data List												
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict	
1	0.0400	27.20	48.85	21.65	115.55	66.70	PK	100	48	Coplanar	PASS	
2	0.0560	25.80	47.54	21.74	112.63	65.09	PK	100	37	Coplanar	PASS	
3	0.1040	23.21	45.22	22.01	107.26	62.04	PK	100	360	Coplanar	PASS	
4	0.1649	52.22	74.40	22.18	103.25	28.85	PK	100	162	Coplanar	PASS	
5	0.5045	37.45	59.82	22.37	73.55	13.73	PK	100	344	Coplanar	PASS	
6	3.2880	22.14	44.72	22.58	69.54	24.82	PK	100	0	Coplanar	PASS	

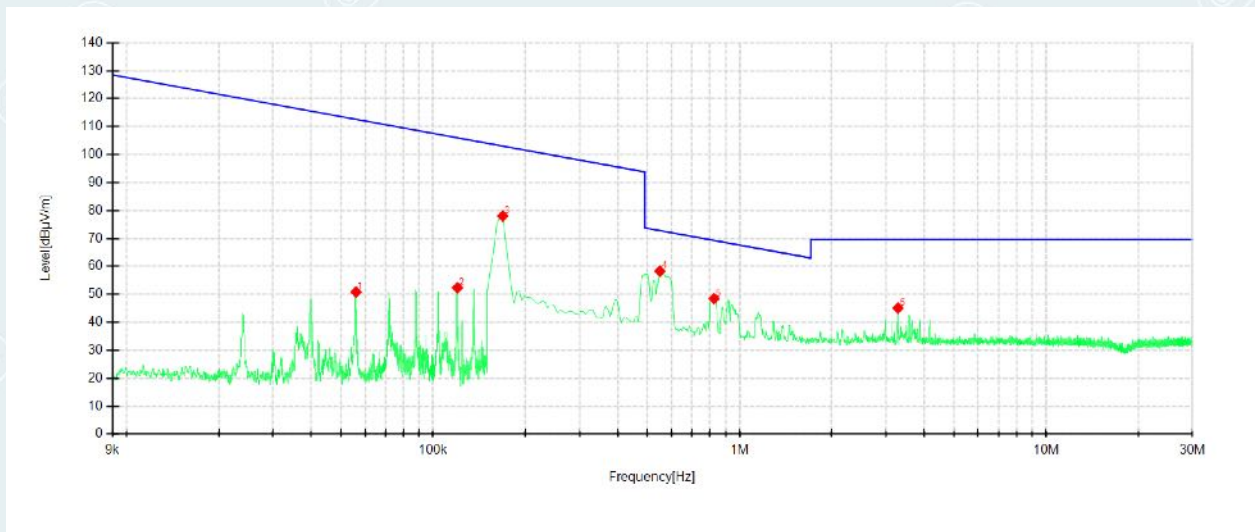


Suspected Data List

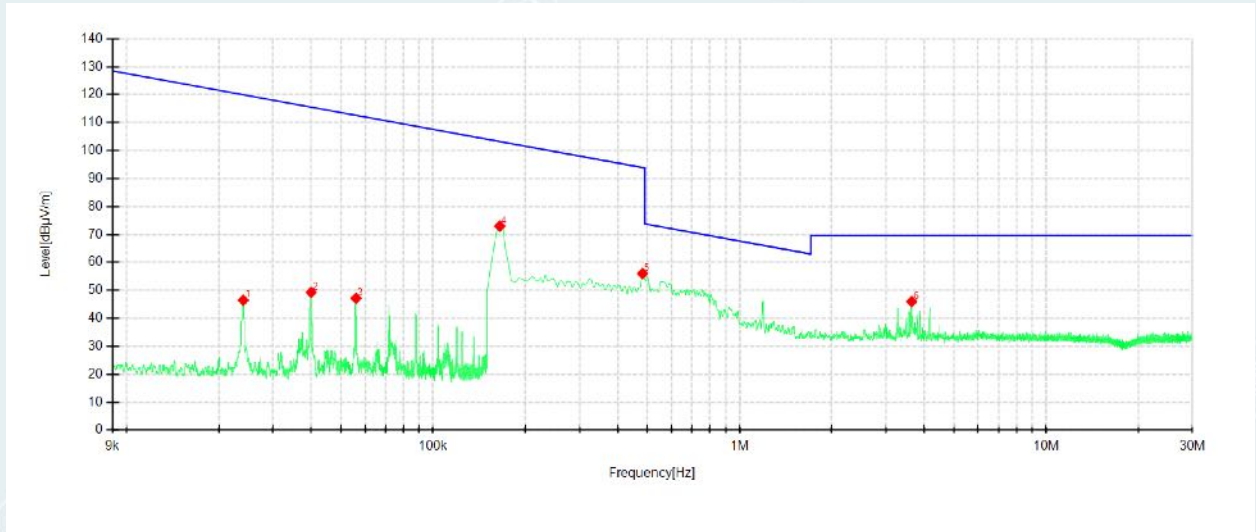
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	28.09	49.74	21.65	115.55	65.81	PK	100	280	Coaxial	PASS
2	0.0560	28.36	50.10	21.74	112.63	62.53	PK	100	258	Coaxial	PASS
3	0.0720	27.44	49.29	21.85	110.45	61.16	PK	100	258	Coaxial	PASS
4	0.1649	46.81	68.99	22.18	103.25	34.26	PK	100	97	Coaxial	PASS
5	0.5007	28.56	50.93	22.37	73.61	22.68	PK	100	97	Coaxial	PASS
6	4.1872	21.19	43.83	22.64	69.54	25.71	PK	100	10	Coaxial	PASS

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Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 5	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8℃; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-06-16	/	/



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0560	29.10	50.84	21.74	112.63	61.44	PK	100	266	Coplanar	PASS
2	0.1200	30.30	52.35	22.05	106.01	53.63	PK	100	245	Coplanar	PASS
3	0.1687	55.85	78.04	22.19	103.06	25.02	PK	100	97	Coplanar	PASS
4	0.5492	35.94	58.31	22.37	72.81	14.41	PK	100	268	Coplanar	PASS
5	0.8254	26.03	48.46	22.43	69.28	20.82	PK	100	268	Coplanar	PASS
6	3.2880	22.51	45.09	22.58	69.54	24.45	PK	100	1	Coplanar	PASS



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0240	24.64	46.48	21.84	119.99	73.41	PK	100	256	Coaxial	PASS
2	0.0400	27.62	49.27	21.65	115.55	65.96	PK	100	59	Coaxial	PASS
3	0.0560	25.41	47.15	21.74	112.63	65.48	PK	100	202	Coaxial	PASS
4	0.1649	50.81	72.99	22.18	103.25	30.26	PK	100	97	Coaxial	PASS
5	0.4821	33.61	56.00	22.39	93.94	37.94	PK	100	206	Coaxial	PASS
6	3.6425	23.38	45.99	22.61	69.54	23.55	PK	100	260	Coaxial	PASS

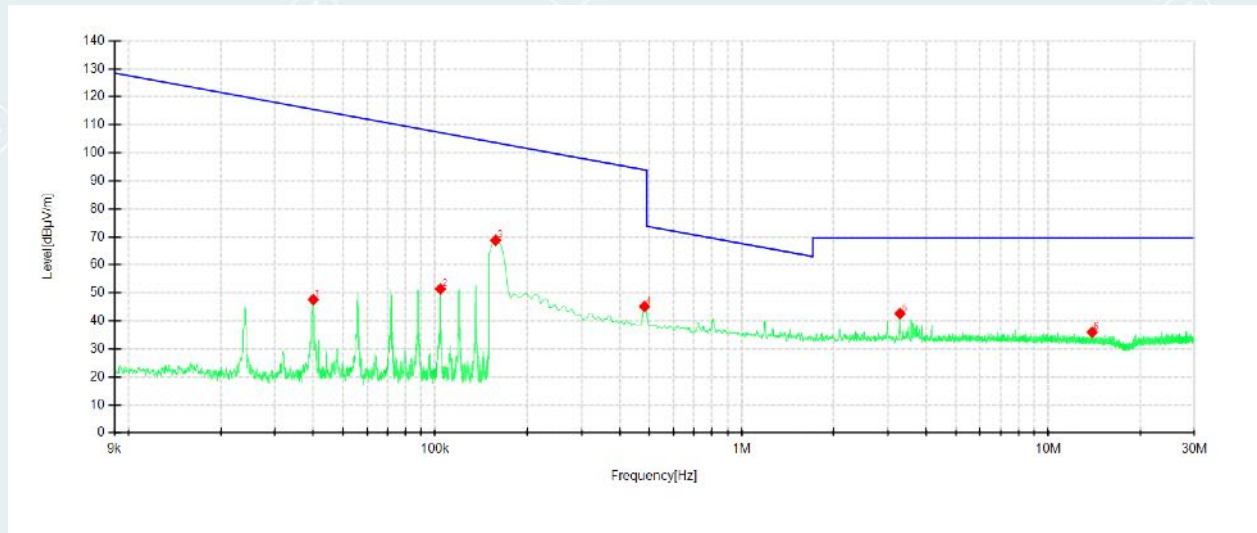
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For adapter 2:

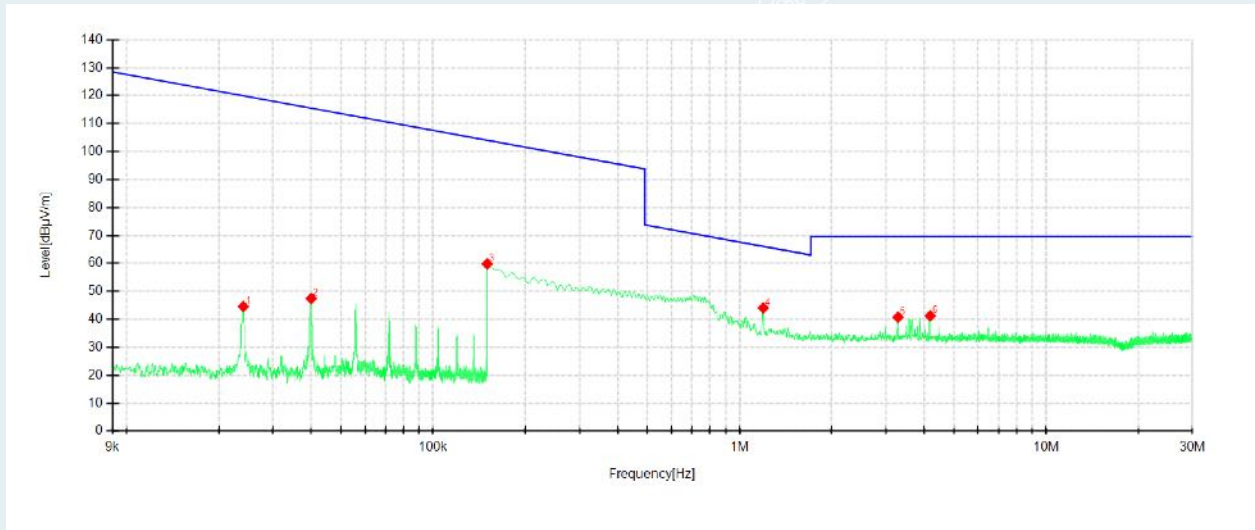
9kHz-30MHz

Note: If the margin of the pre-test results is greater than 6dB, it meets the requirements of quasi peak or average values, and final testing is no longer required.

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 1	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8℃; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-08-01	/	/



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	25.96	47.61	21.65	115.55	67.75	PK	100	93	Coplanar	PASS
2	0.1041	29.38	51.39	22.01	107.25	55.86	PK	100	93	Coplanar	PASS
3	0.1575	46.60	68.76	22.16	103.65	34.89	PK	100	291	Coplanar	PASS
4	0.4821	22.74	45.13	22.39	93.94	48.81	PK	100	270	Coplanar	PASS
5	3.2880	20.03	42.61	22.58	69.54	26.93	PK	100	14	Coplanar	PASS
6	13.9295	13.04	35.94	22.90	69.54	33.38	PK	100	248	Coplanar	PASS

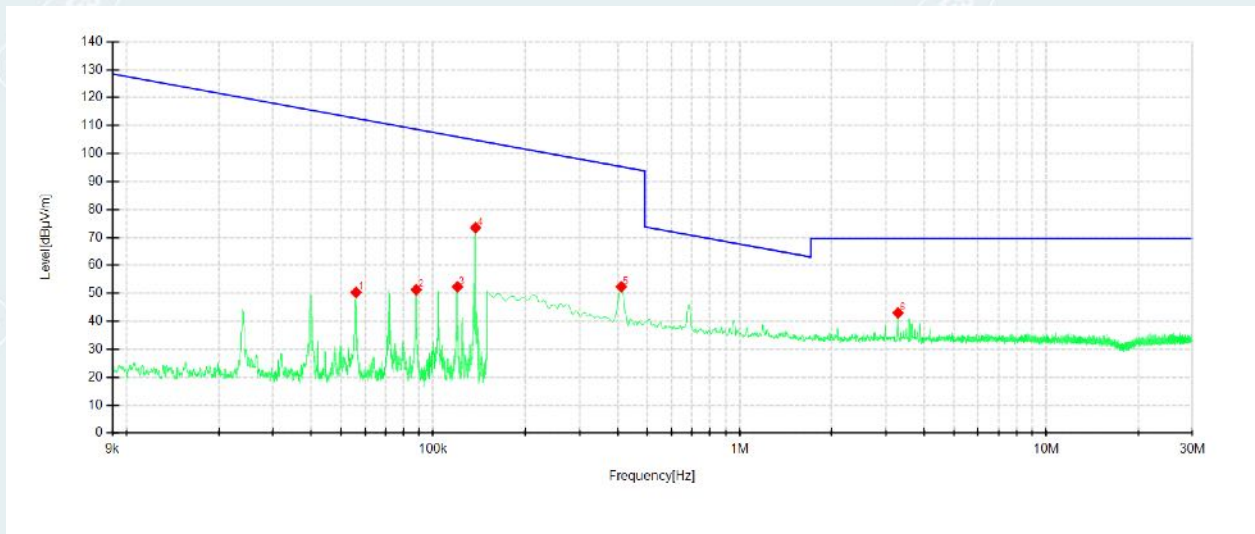


Suspected Data List

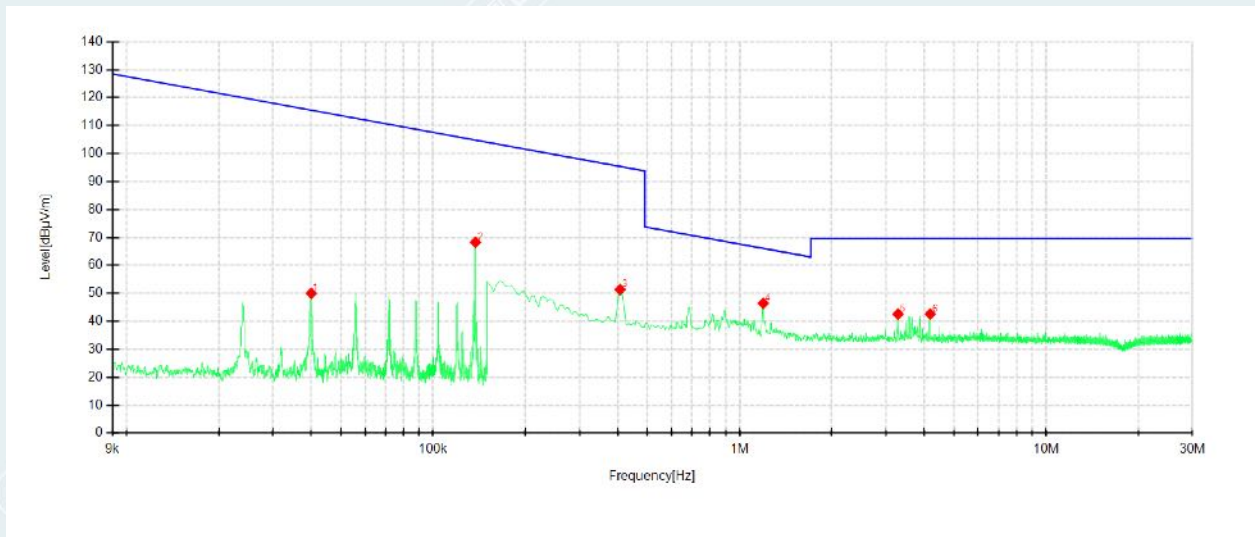
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1	0.0240	22.72	44.56	21.84	119.98	75.19	PK	100	233	Coaxial	PASS
2	0.0400	25.78	47.43	21.65	115.55	67.80	PK	100	254	Coaxial	PASS
3	0.1500	37.68	59.82	22.14	104.08	44.26	PK	100	25	Coaxial	PASS
4	1.1948	21.61	44.06	22.45	66.08	22.02	PK	100	238	Coaxial	PASS
5	3.2880	18.16	40.74	22.58	69.54	28.80	PK	100	66	Coaxial	PASS
6	4.1872	18.59	41.23	22.64	69.54	27.37	PK	100	14	Coaxial	PASS

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Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 2	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8°C; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-08-01	/	/



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0560	28.59	50.33	21.74	112.63	62.20	PK	100	334	Coplanar	PASS
2	0.0880	29.34	51.28	21.94	108.70	57.29	PK	100	312	Coplanar	PASS
3	0.1200	30.28	52.33	22.05	106.01	53.54	PK	100	334	Coplanar	PASS
4	0.1375	51.38	73.48	22.10	104.83	30.87	PK	100	93	Coplanar	PASS
5	0.4112	29.93	52.36	22.43	95.32	42.96	PK	100	249	Coplanar	PASS
6	3.2880	20.40	42.98	22.58	69.54	26.56	PK	100	0	Coplanar	PASS

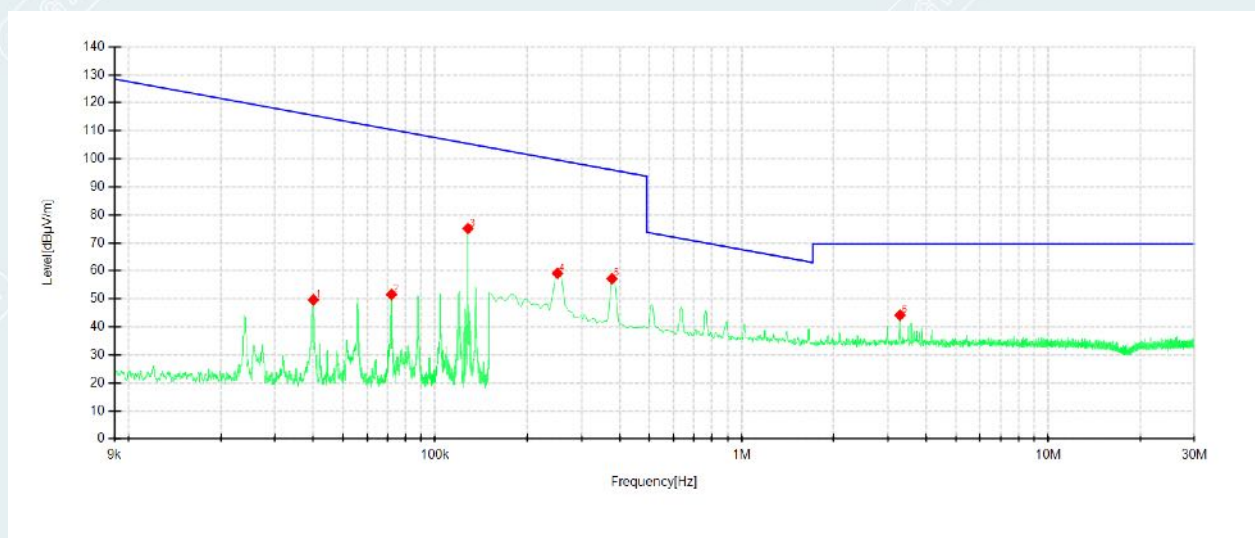


Suspected Data List

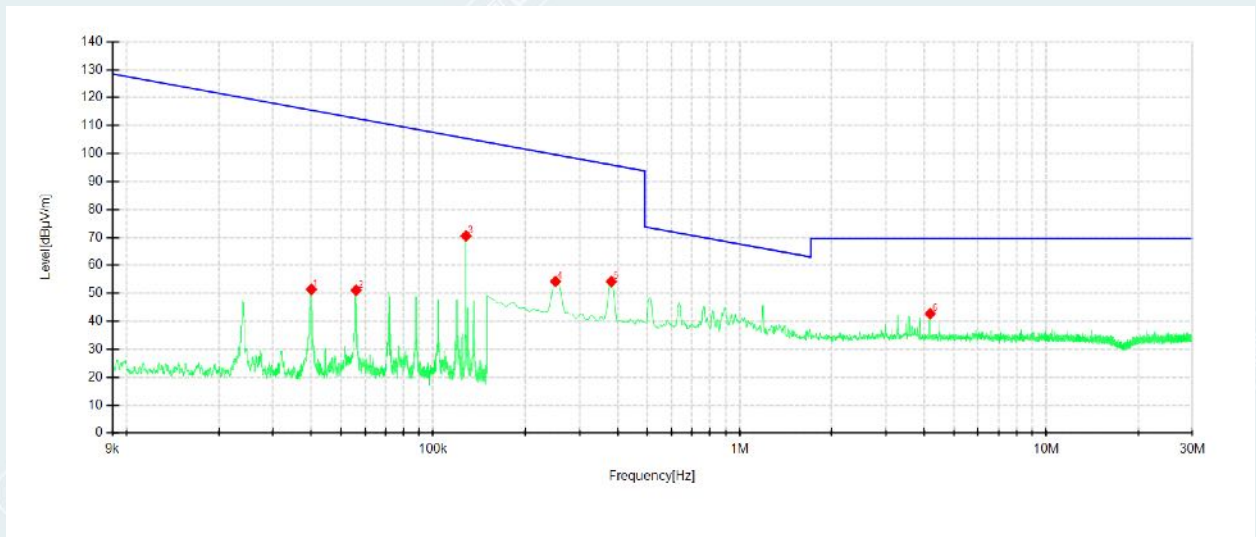
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	28.36	50.01	21.65	115.55	65.41	PK	100	354	Coaxial	PASS
2	0.1374	46.17	68.27	22.10	104.84	35.77	PK	100	168	Coaxial	PASS
3	0.4075	28.90	51.34	22.44	95.40	44.06	PK	100	152	Coaxial	PASS
4	1.1948	23.98	46.43	22.45	66.08	19.65	PK	100	129	Coaxial	PASS
5	3.2880	19.99	42.57	22.58	69.54	26.97	PK	100	236	Coaxial	PASS
6	4.1872	19.97	42.61	22.64	69.54	26.37	PK	100	289	Coaxial	PASS

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Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 3	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8°C; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-08-01	/	/



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0401	28.01	49.66	21.65	115.54	65.88	PK	100	157	Coplanar	PASS
2	0.0720	29.71	51.56	21.85	110.44	58.88	PK	100	146	Coplanar	PASS
3	0.1279	53.05	75.12	22.07	105.46	30.34	PK	100	124	Coplanar	PASS
4	0.2507	36.73	59.13	22.40	99.62	40.49	PK	100	289	Coplanar	PASS
5	0.3776	34.75	57.20	22.45	96.06	38.86	PK	100	289	Coplanar	PASS
6	3.2880	21.60	44.18	22.58	69.54	25.36	PK	100	161	Coplanar	PASS

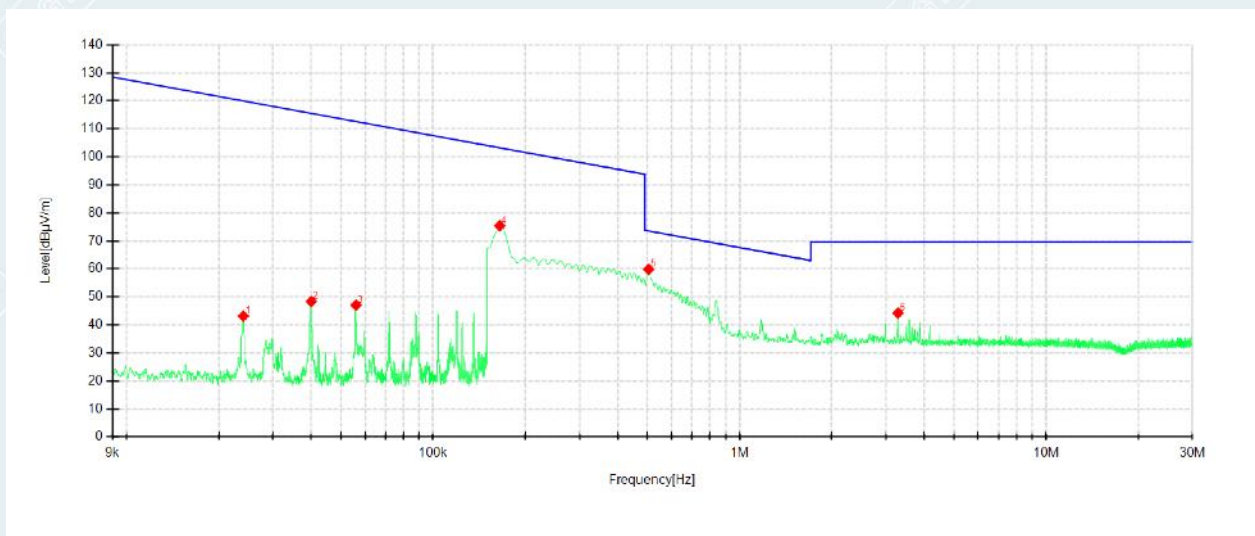


Suspected Data List

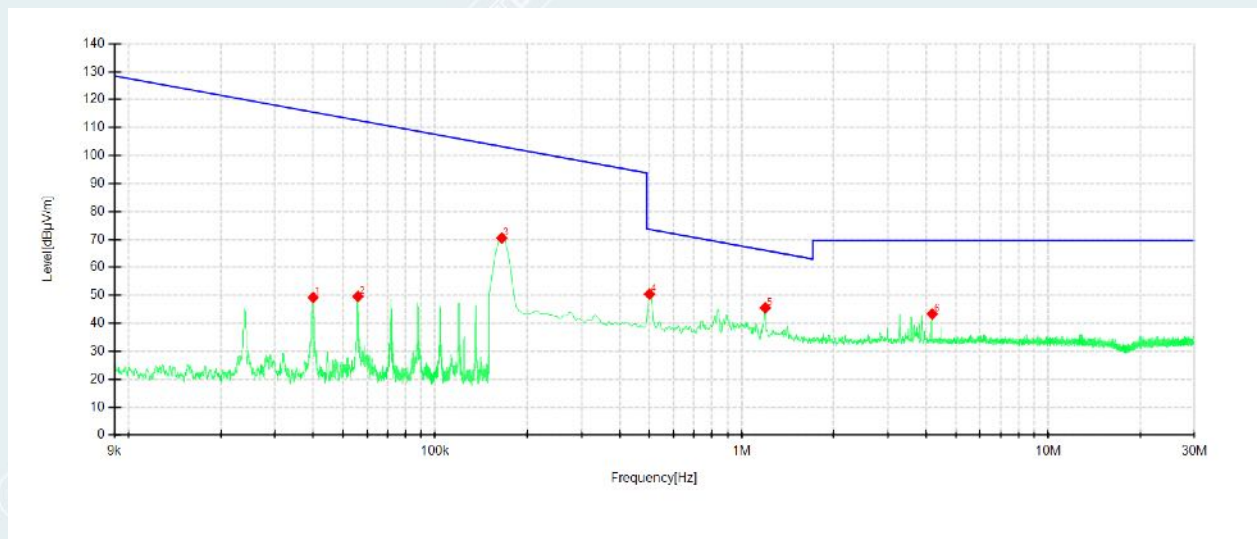
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	29.75	51.40	21.65	115.54	64.14	PK	100	268	Coaxial	PASS
2	0.0560	29.36	51.10	21.74	112.62	61.52	PK	100	268	Coaxial	PASS
3	0.1280	48.46	70.53	22.07	105.46	34.93	PK	100	213	Coaxial	PASS
4	0.2507	31.85	54.25	22.40	99.62	45.37	PK	100	25	Coaxial	PASS
5	0.3813	31.75	54.20	22.45	95.98	41.78	PK	100	216	Coaxial	PASS
6	4.1872	20.08	42.72	22.64	69.54	26.82	PK	100	163	Coaxial	PASS

----- The following blanks -----

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 4	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8°C; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-08-01	/	/



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0240	21.29	43.13	21.84	119.98	76.85	PK	100	91	Coplanar	PASS
2	0.0400	26.70	48.35	21.65	115.55	67.20	PK	100	48	Coplanar	PASS
3	0.0560	25.30	47.04	21.74	112.63	65.59	PK	100	37	Coplanar	PASS
4	0.1649	53.22	75.40	22.18	103.25	27.85	PK	100	162	Coplanar	PASS
5	0.5045	37.45	59.82	22.37	73.55	13.73	PK	100	344	Coplanar	PASS
6	3.2880	21.64	44.22	22.58	69.54	25.32	PK	100	0	Coplanar	PASS

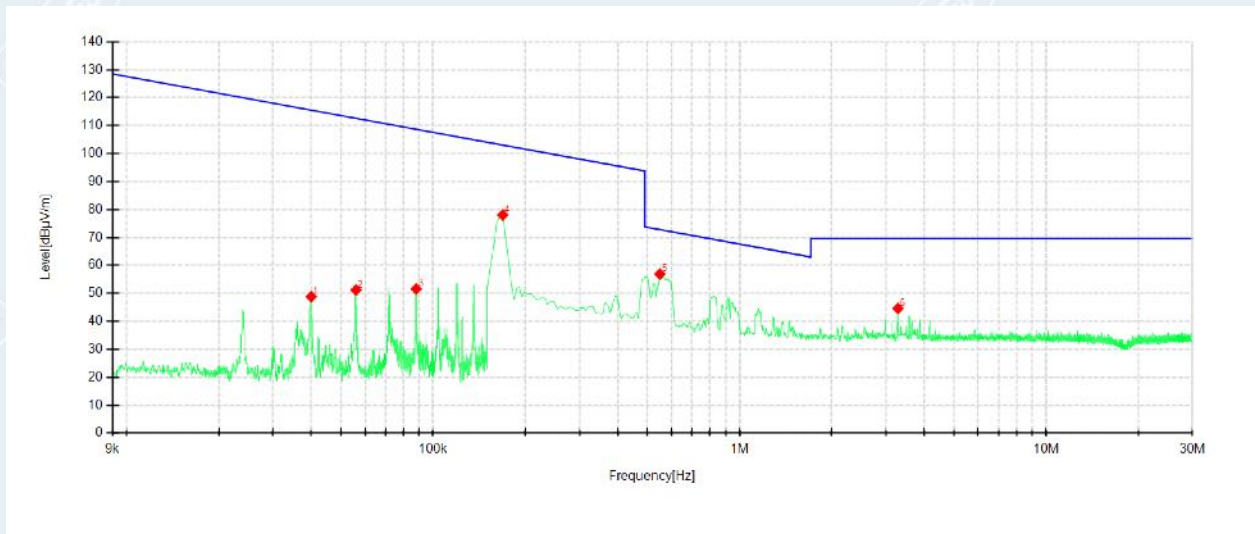


Suspected Data List

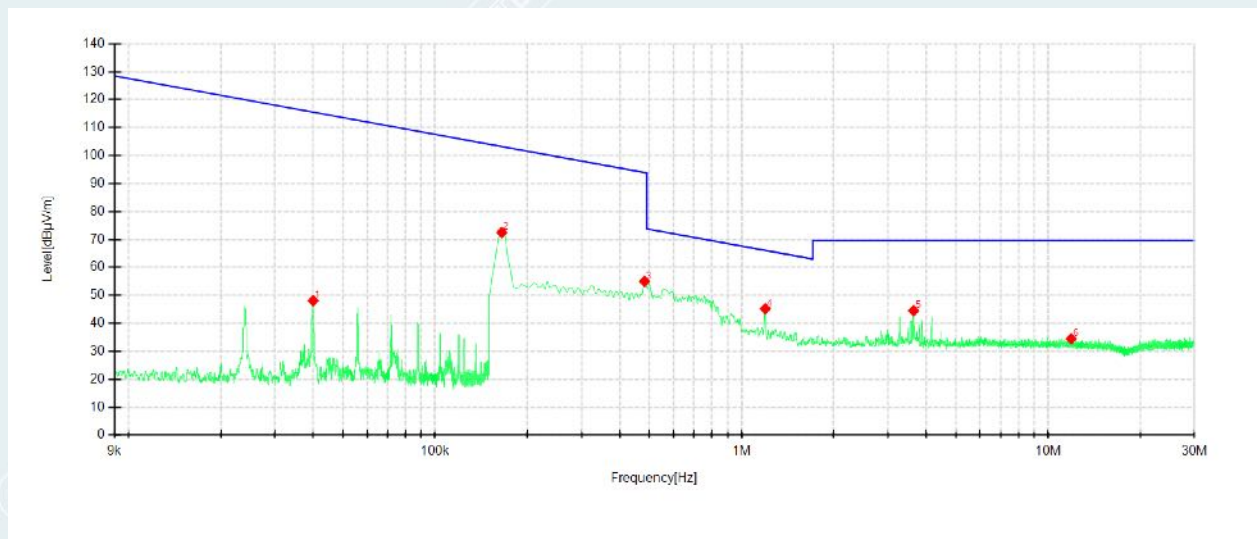
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	27.59	49.24	21.65	115.55	66.31	PK	100	280	Coaxial	PASS
2	0.0560	27.86	49.60	21.74	112.63	63.03	PK	100	258	Coaxial	PASS
3	0.1649	48.31	70.49	22.18	103.25	32.76	PK	100	97	Coaxial	PASS
4	0.5007	28.06	50.43	22.37	73.61	23.18	PK	100	97	Coaxial	PASS
5	1.1948	23.07	45.52	22.45	66.08	20.56	PK	100	140	Coaxial	PASS
6	4.1872	20.69	43.33	22.64	69.54	26.21	PK	100	10	Coaxial	PASS

----- The following blanks -----

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 5	Voltage:	AC 120V/60Hz
Environment:	Temp: 23.8°C; Humi: 62%; 101.0kPa	Engineer:	Zhang zishan
Tested Date:	2023-08-01	/	/



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	27.17	48.82	21.65	115.55	66.73	PK	100	288	Coplanar	PASS
2	0.0560	29.45	51.19	21.74	112.63	61.44	PK	100	266	Coplanar	PASS
3	0.0880	29.65	51.59	21.94	108.70	57.11	PK	100	266	Coplanar	PASS
4	0.1687	55.85	78.04	22.19	103.06	25.02	PK	100	97	Coplanar	PASS
5	0.5492	34.53	56.90	22.37	72.81	15.91	PK	100	268	Coplanar	PASS
6	3.2880	22.01	44.59	22.58	69.54	24.95	PK	100	1	Coplanar	PASS



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	0.0400	26.44	48.09	21.65	115.55	67.46	PK	100	59	Coaxial	PASS
2	0.1649	50.31	72.49	22.18	103.25	30.76	PK	100	97	Coaxial	PASS
3	0.4821	32.61	55.00	22.39	93.94	38.94	PK	100	206	Coaxial	PASS
4	1.1948	22.74	45.19	22.45	66.08	20.89	PK	100	271	Coaxial	PASS
5	3.6425	21.88	44.49	22.61	69.54	25.05	PK	100	260	Coaxial	PASS
6	11.8997	11.49	34.45	22.96	69.54	35.09	PK	100	324	Coaxial	PASS

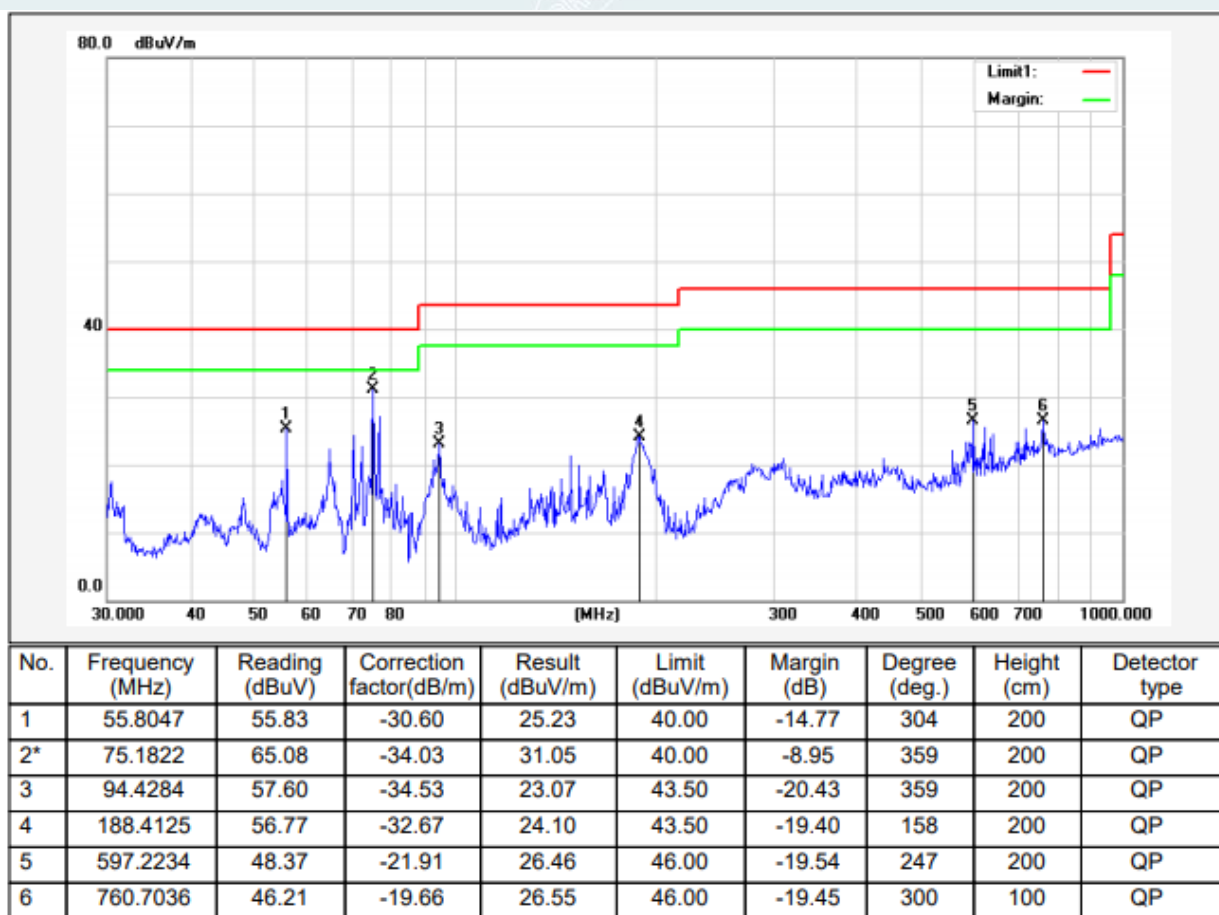
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For adapter 1:

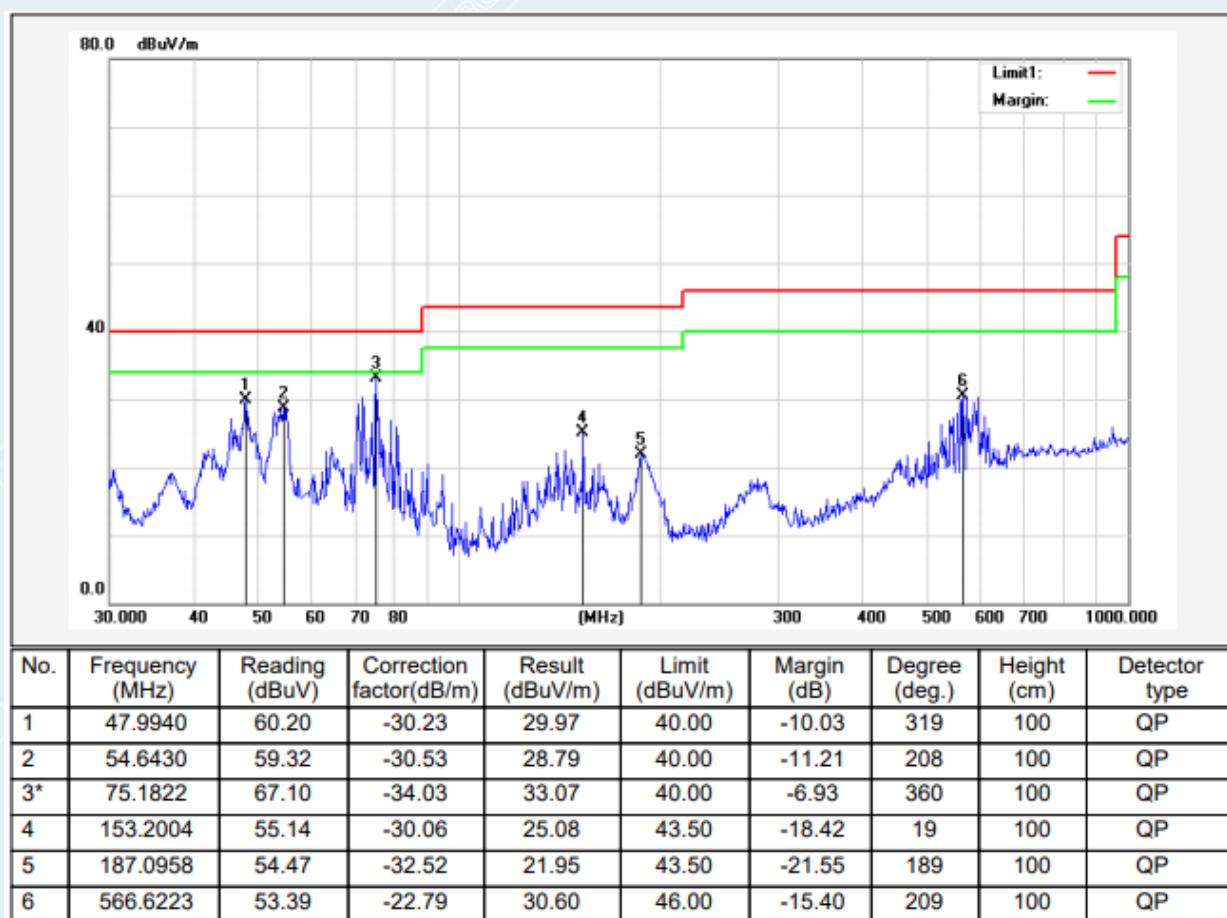
30MHz-1GHz

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 1	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6℃; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-06-16	/	/

Horizontal:



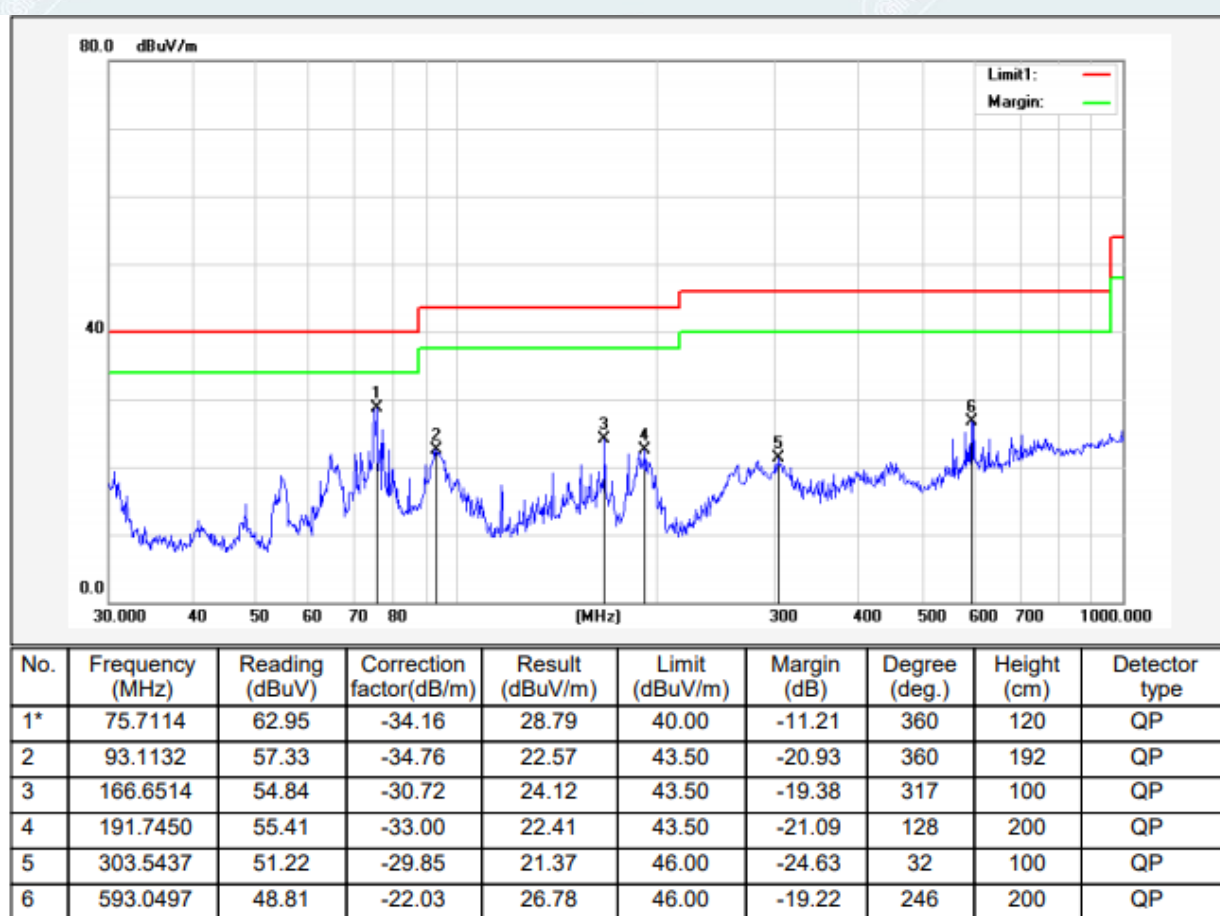
Vertical:



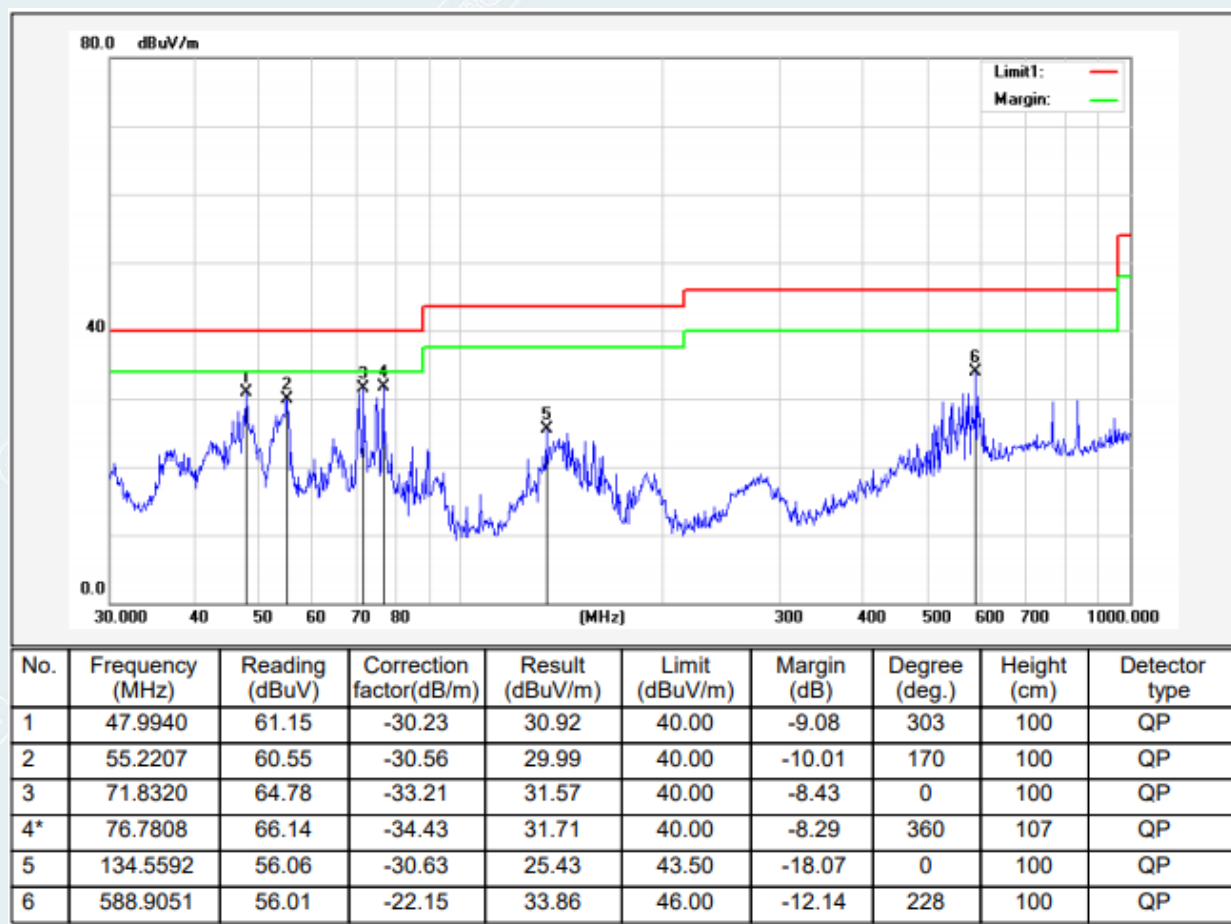
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Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 2	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6°C; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-06-16	/	/

Horizontal:



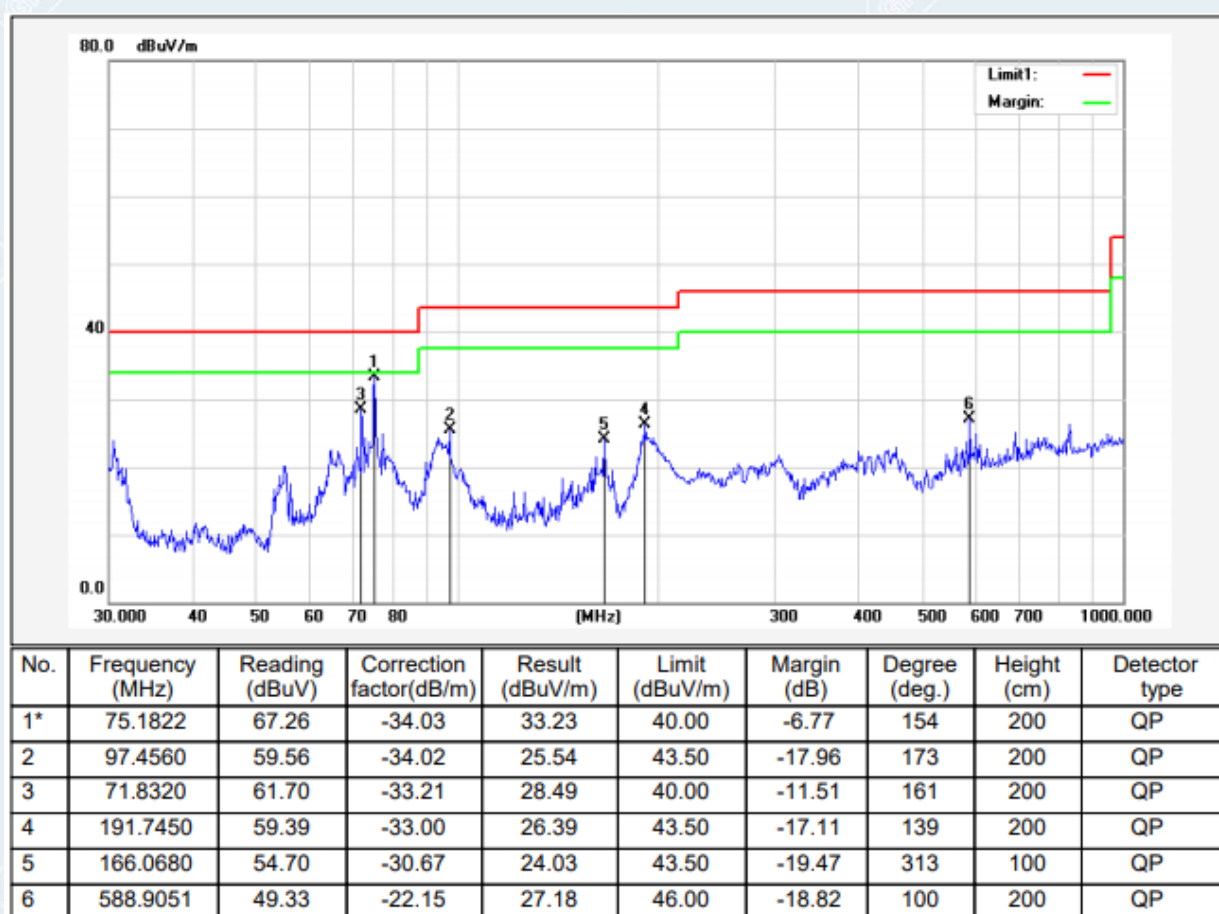
Vertical:



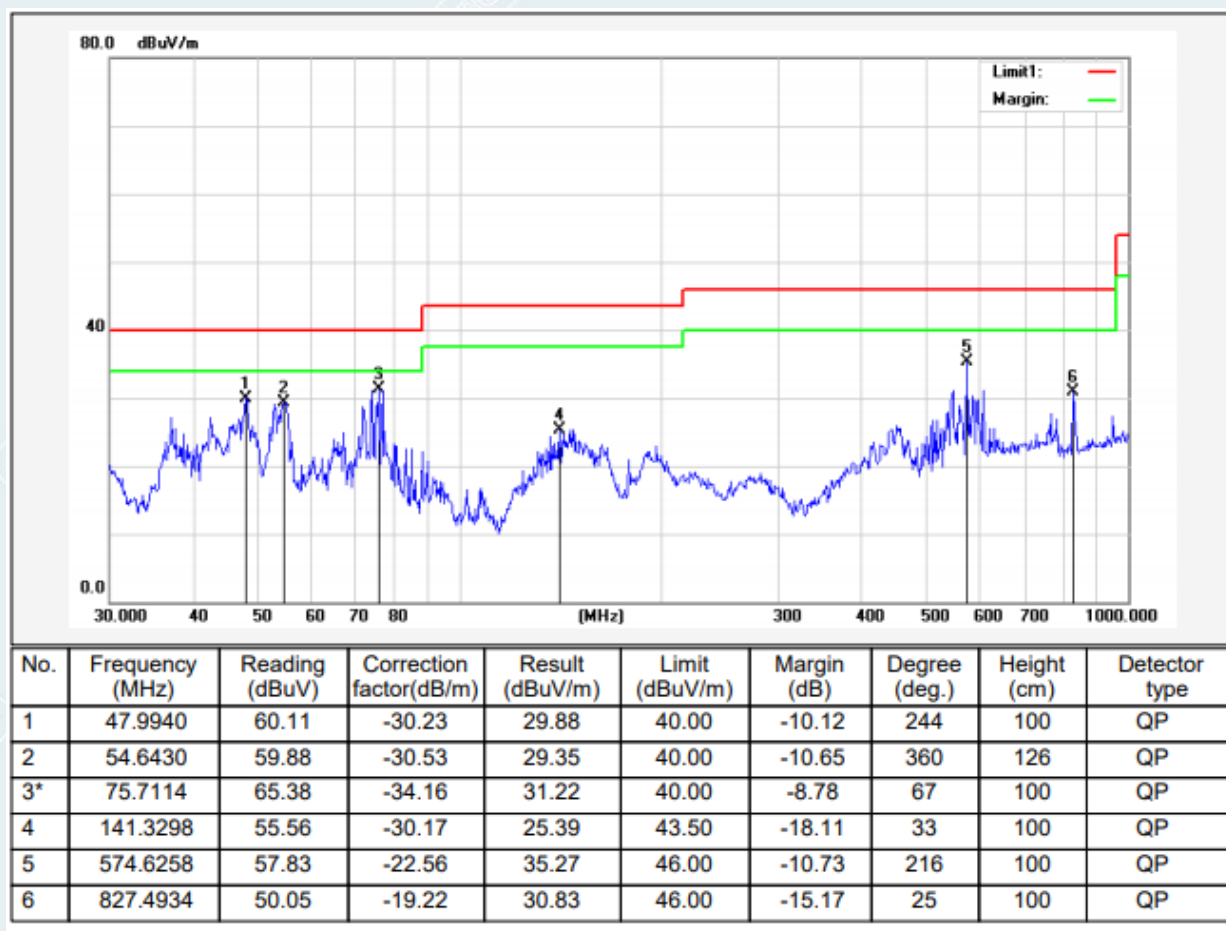
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Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 3	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6°C; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-06-16	/	/

Horizontal:



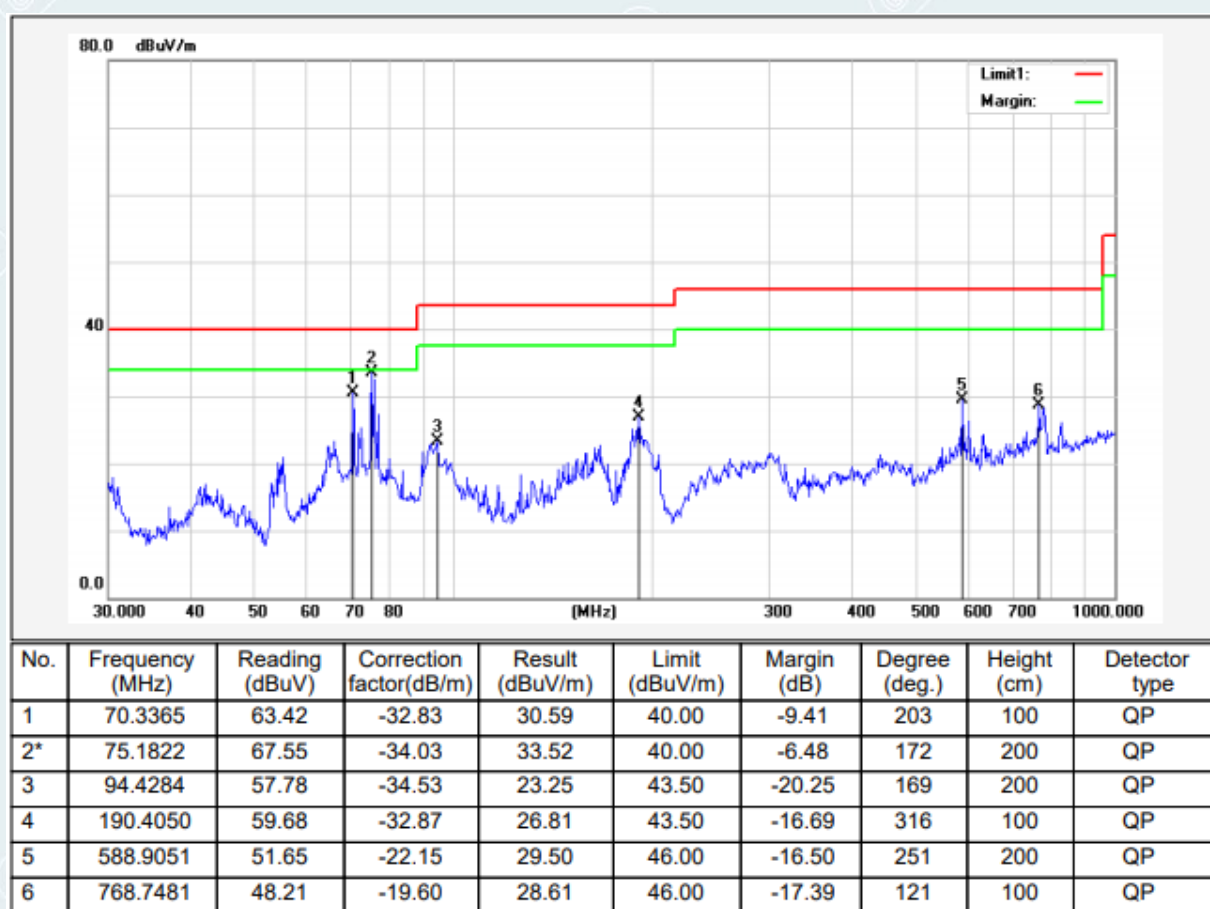
Vertical:



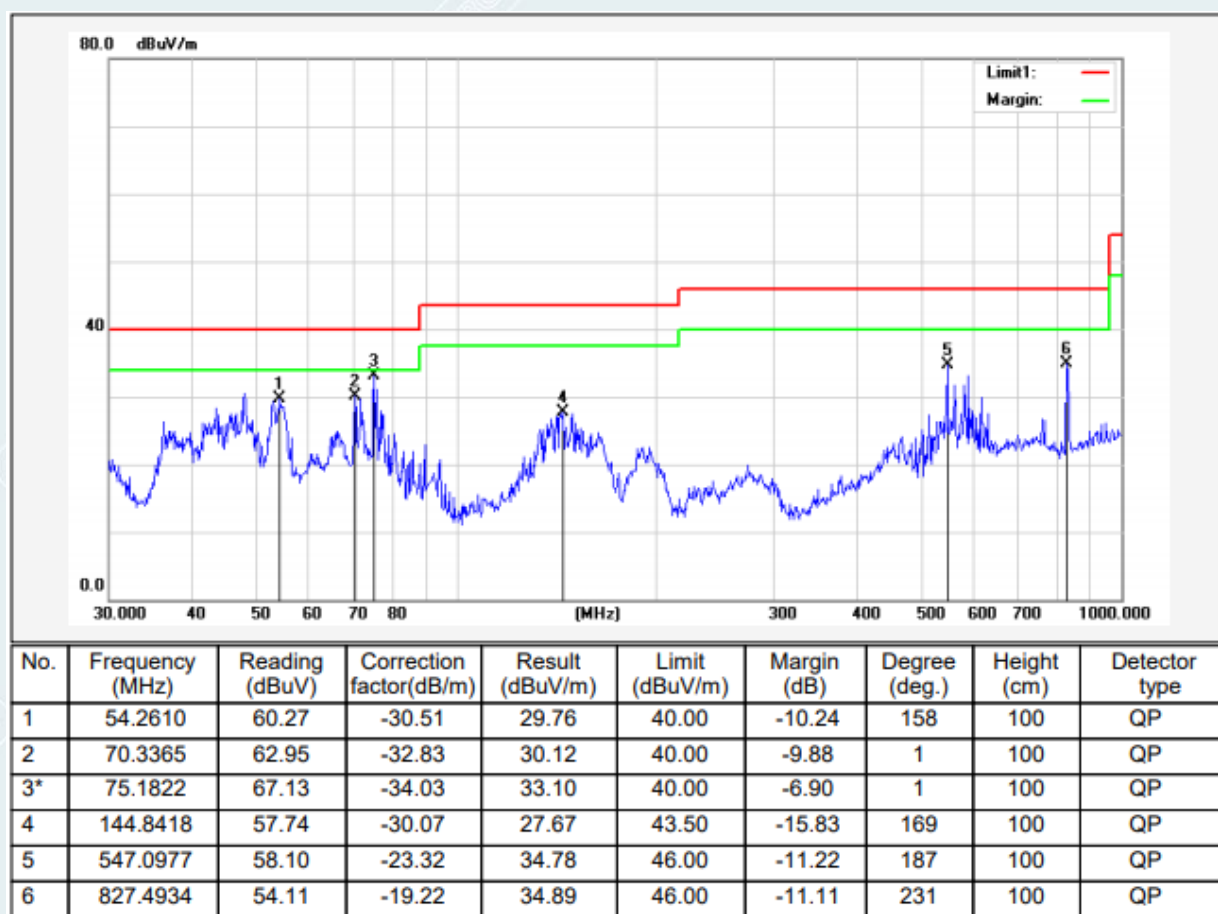
----- The following blanks -----

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 4	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6°C; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-06-16	/	/

Horizontal:



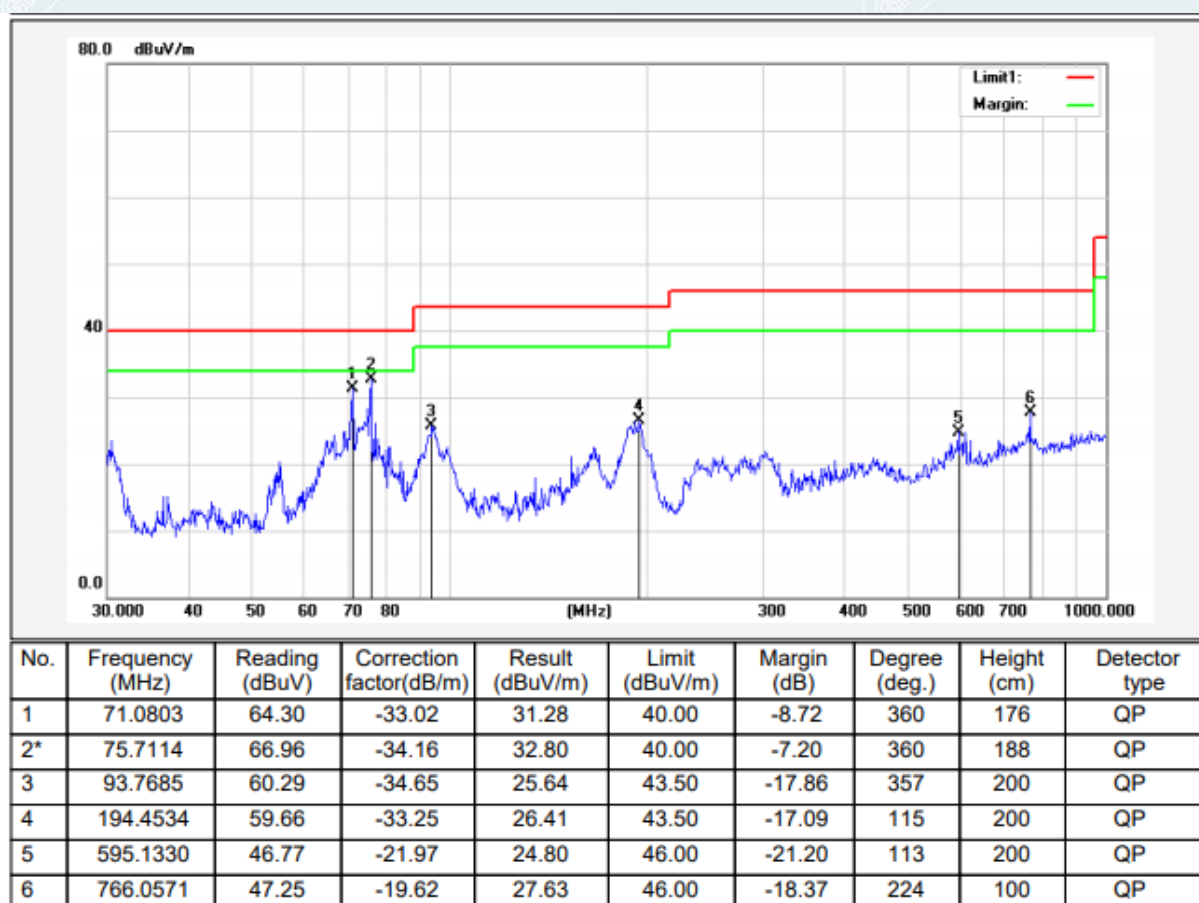
Vertical:



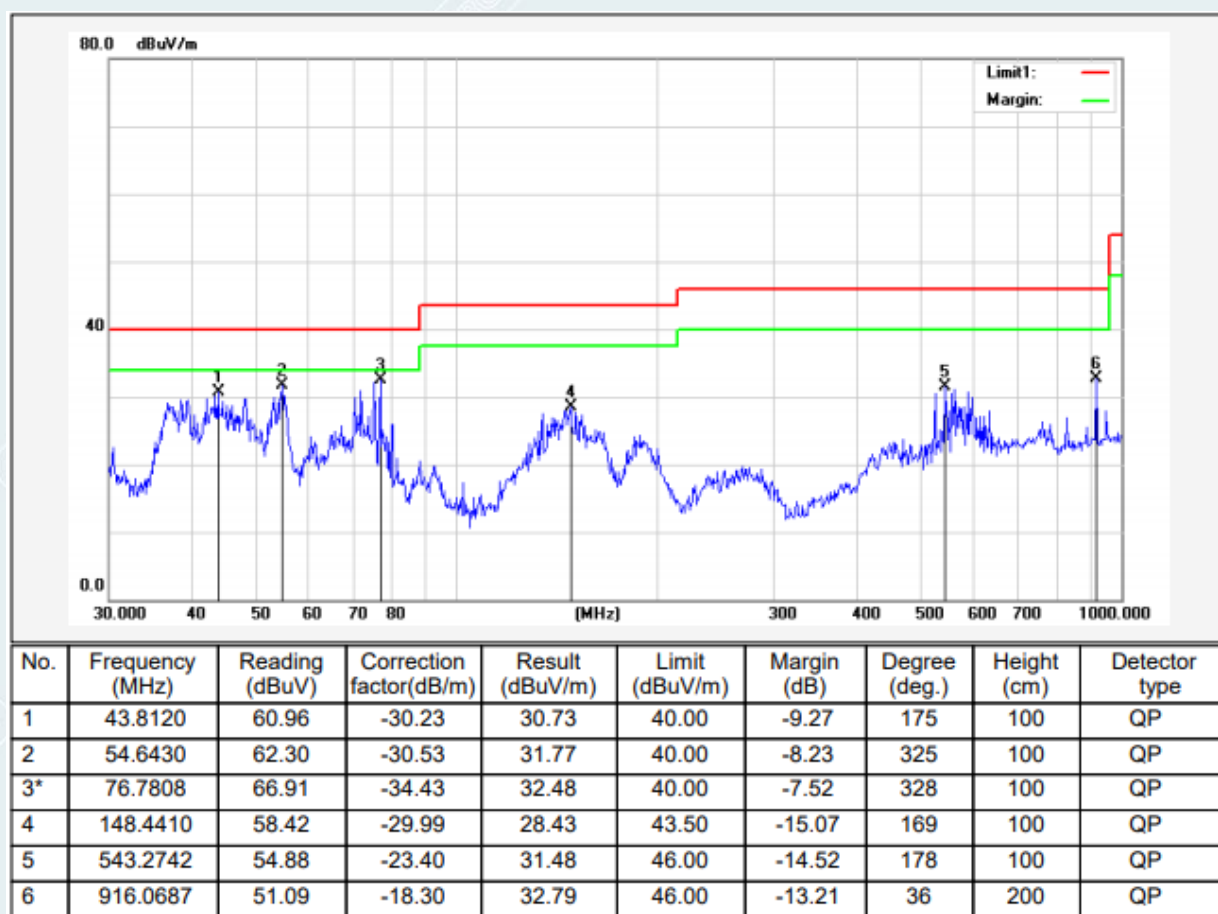
----- The following blanks -----

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 5	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6°C; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-06-16	/	/

Horizontal:



Vertical:



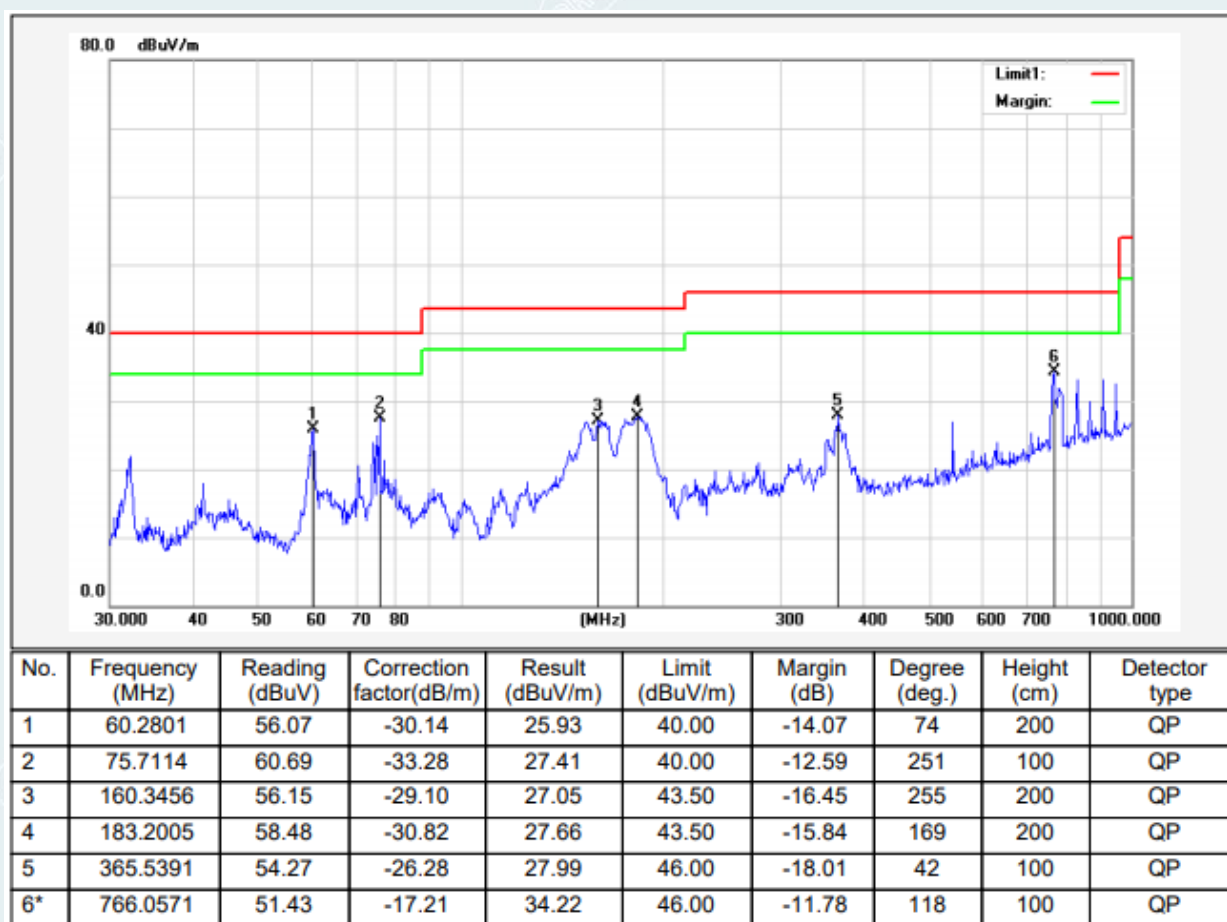
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For adapter 2:

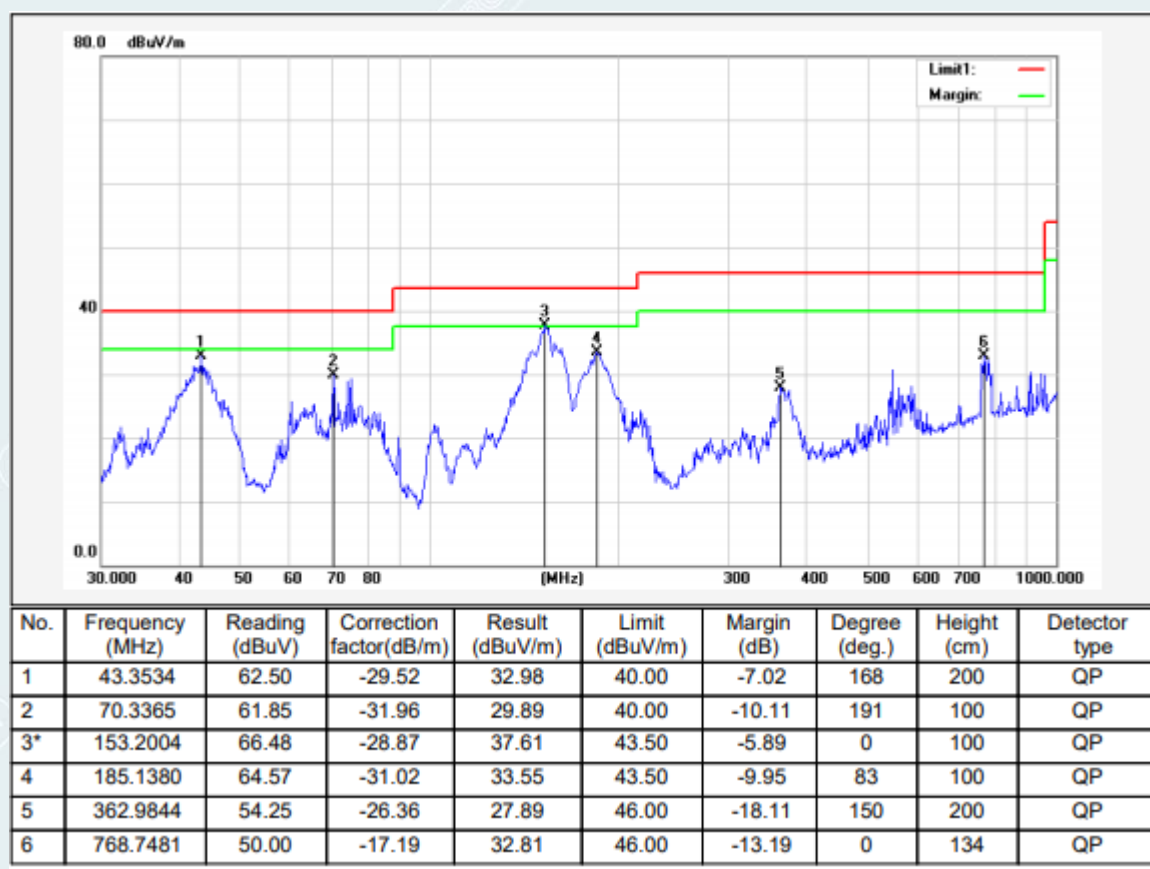
30MHz-1GHz

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 1	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6℃; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-08-03	/	/

Horizontal:



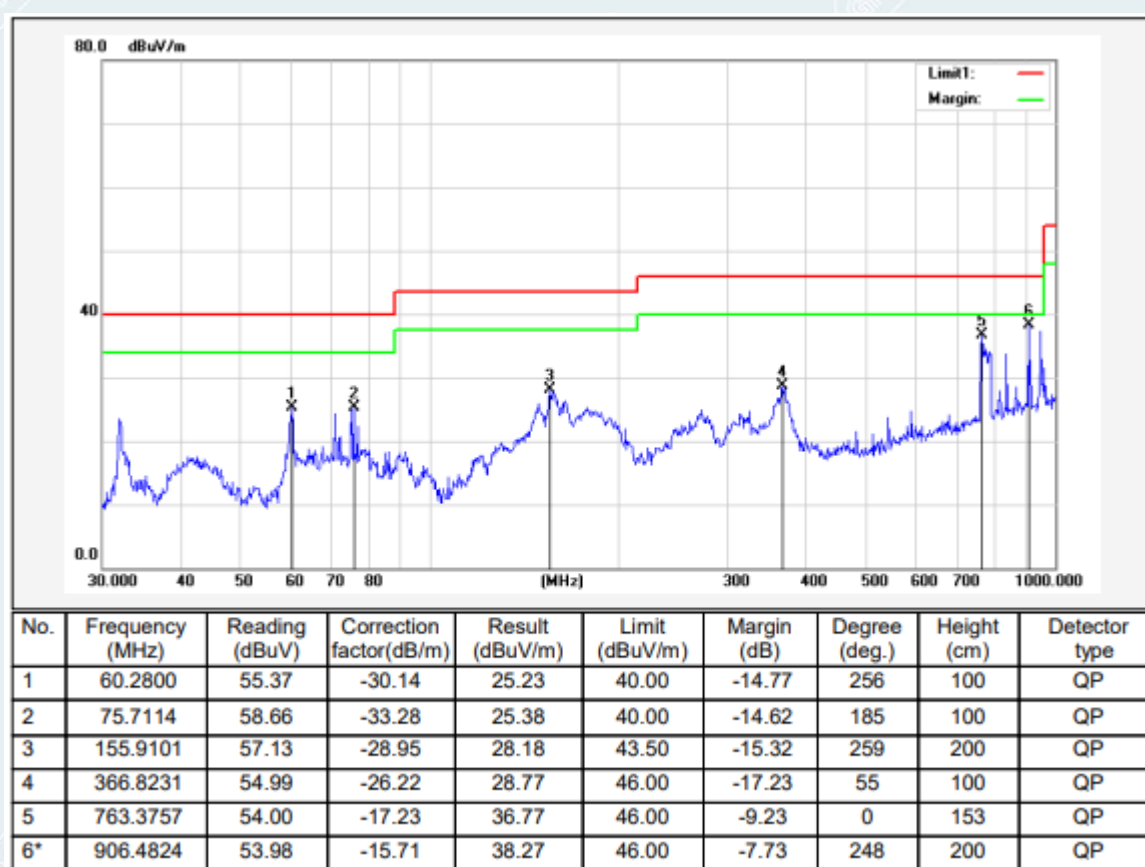
Vertical:



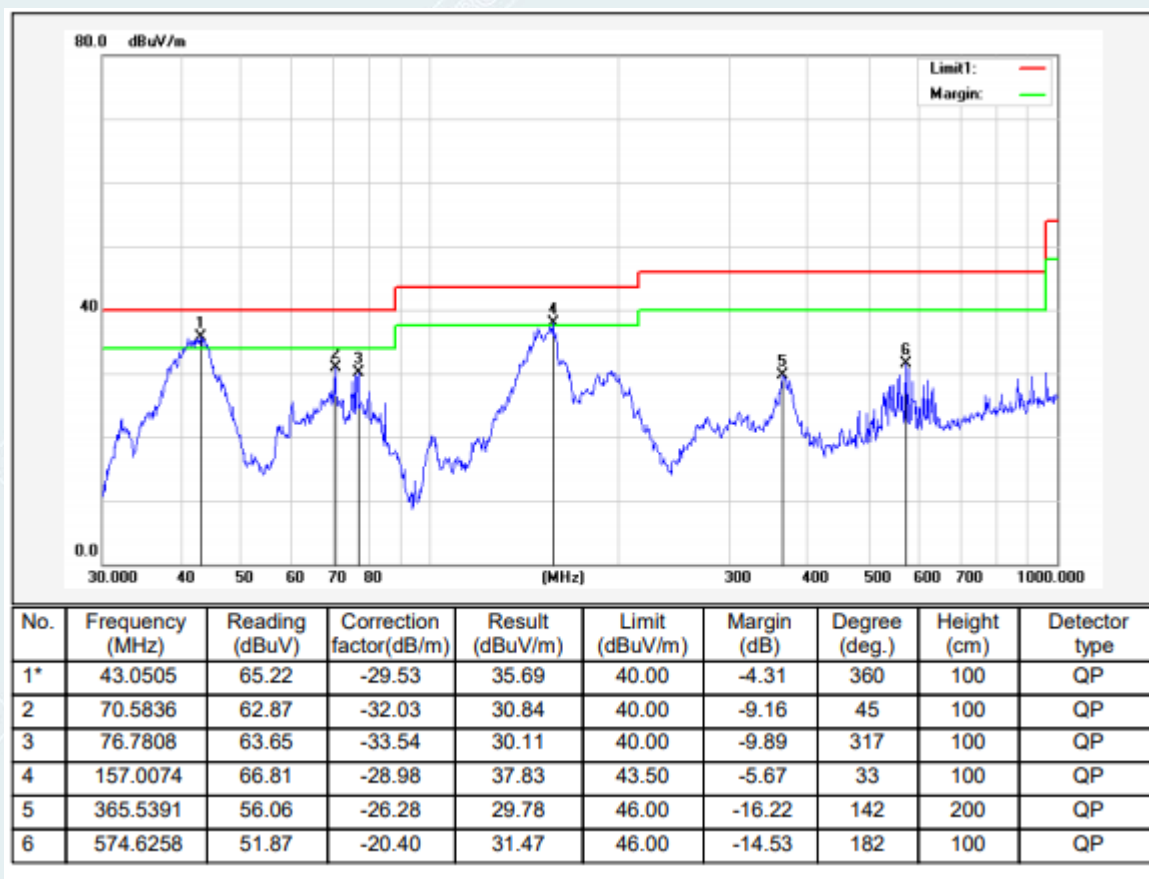
----- The following blanks -----

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 2	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6°C; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-08-03	/	/

Horizontal:



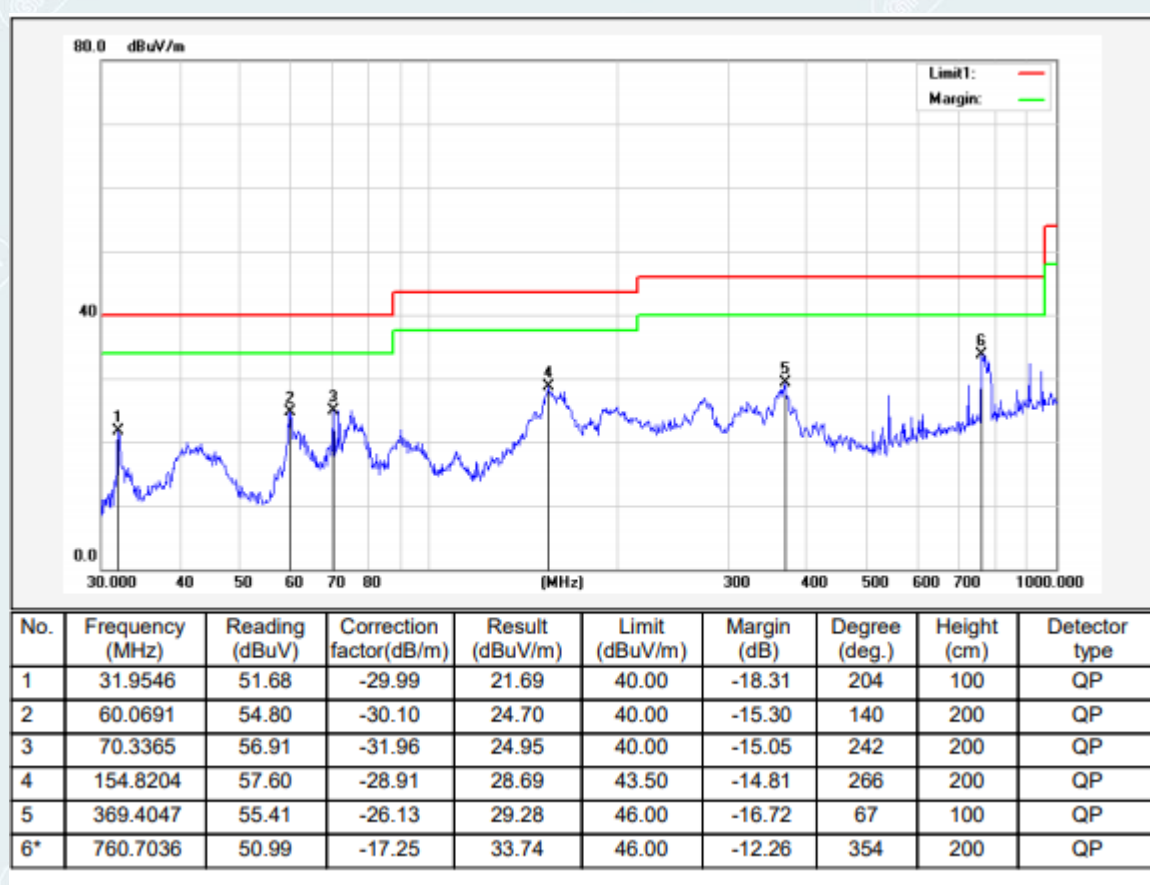
Vertical:



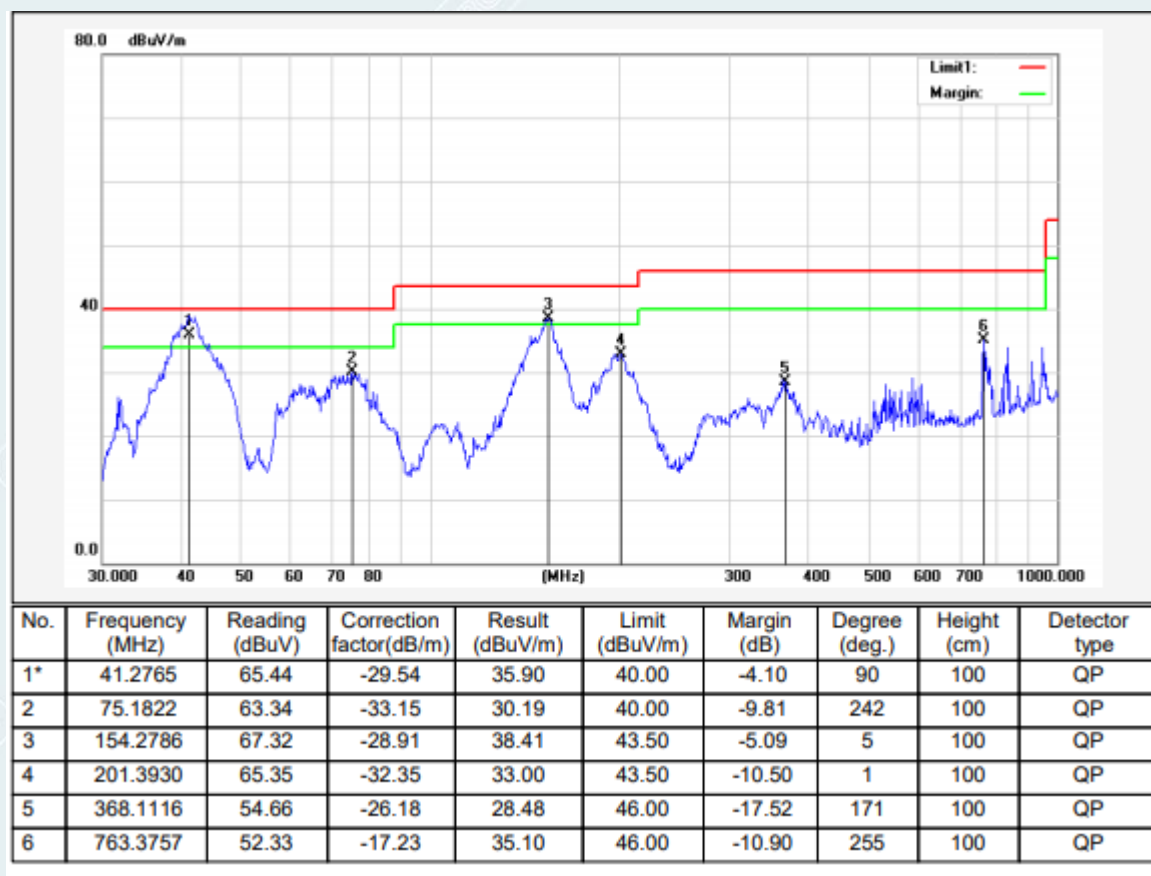
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Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 3	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6°C; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-08-03	/	/

Horizontal:



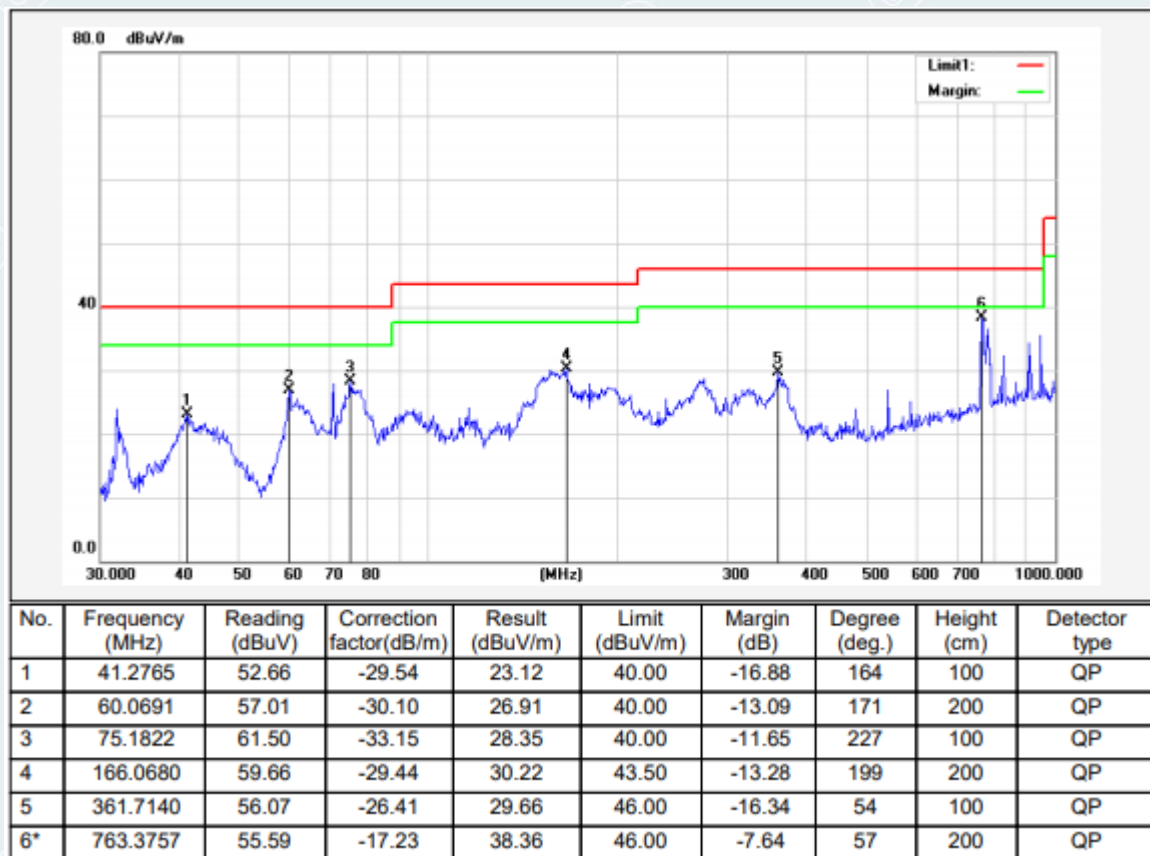
Vertical:



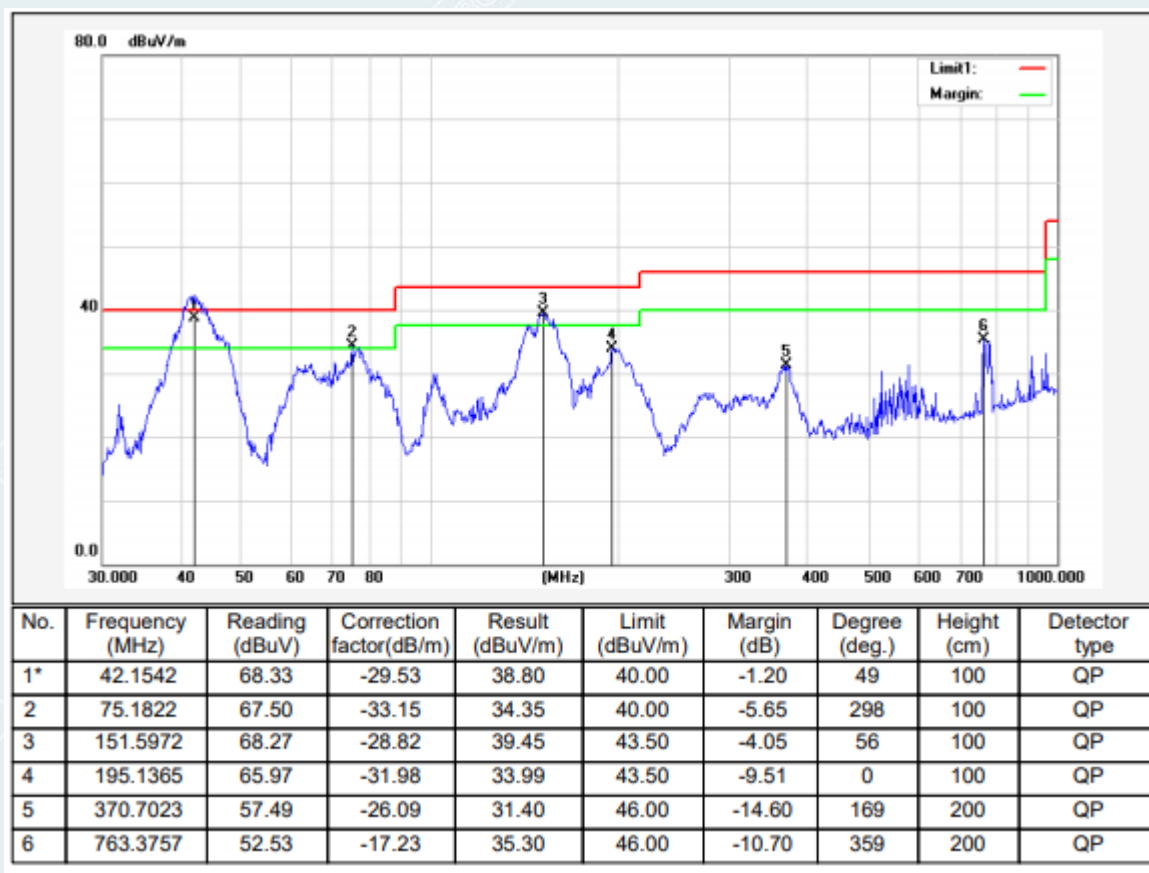
----- The following blanks -----

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 4	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6°C; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-08-03	/	/

Horizontal:



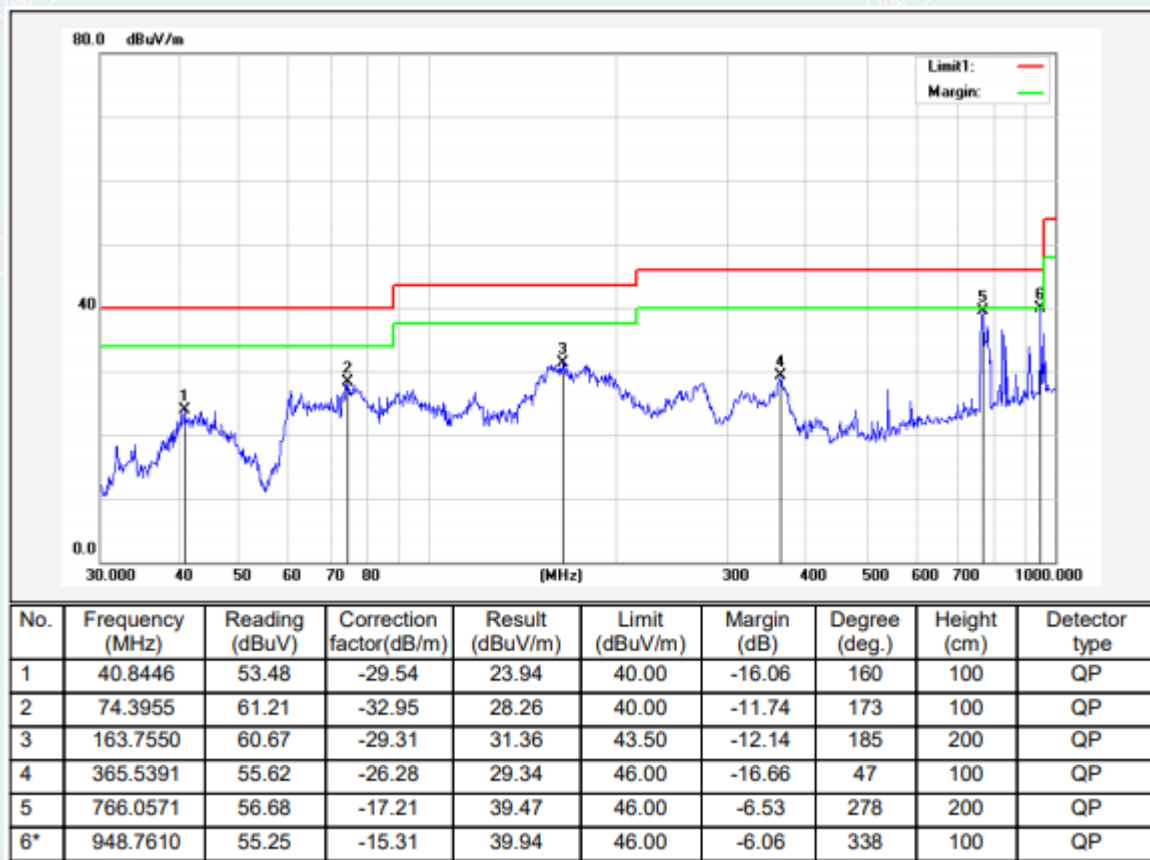
Vertical:



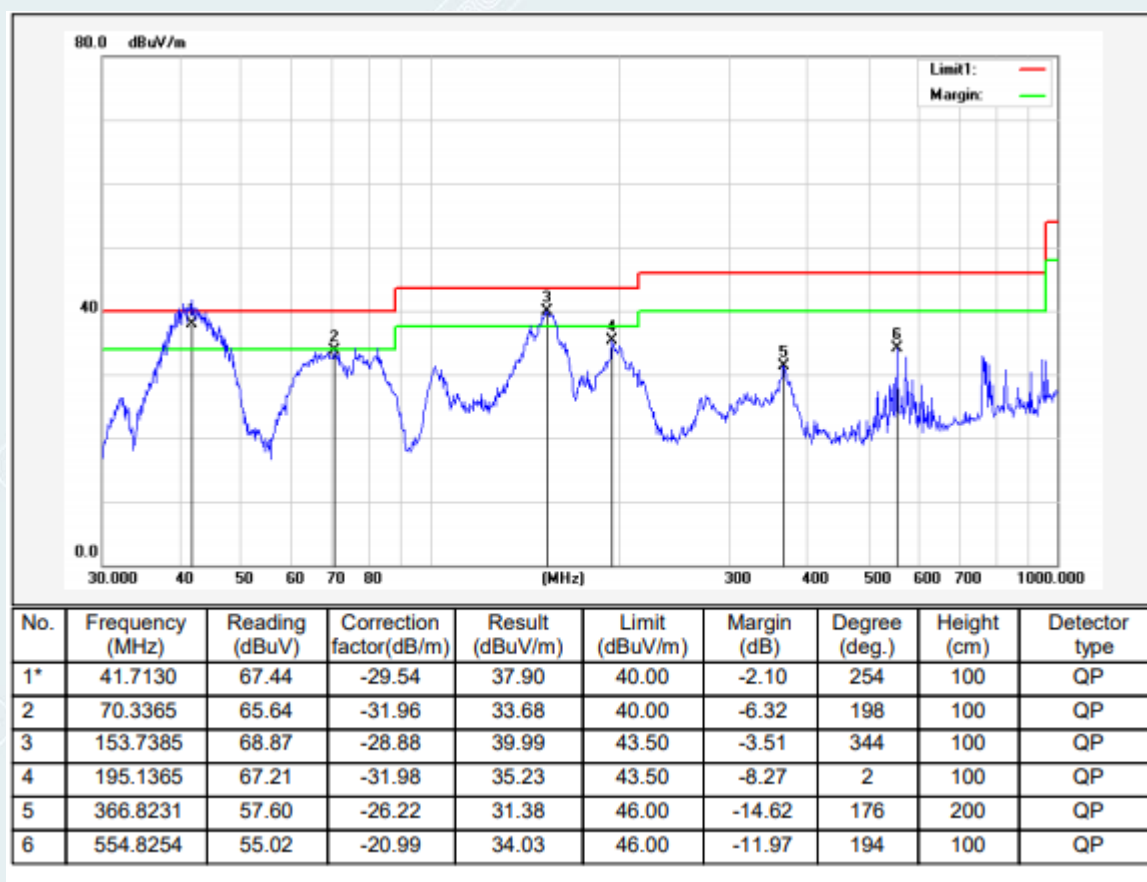
----- The following blanks -----

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Mode:	Mode 5	Voltage:	AC 120V/60Hz
Environment:	Temp: 22.6°C; Humi: 59%; 101.0kPa	Engineer:	Huang Xinlong
Tested Date:	2023-08-03	/	/

Horizontal:



Vertical:



----- The following blanks -----

7. 20dB BANDWIDTH

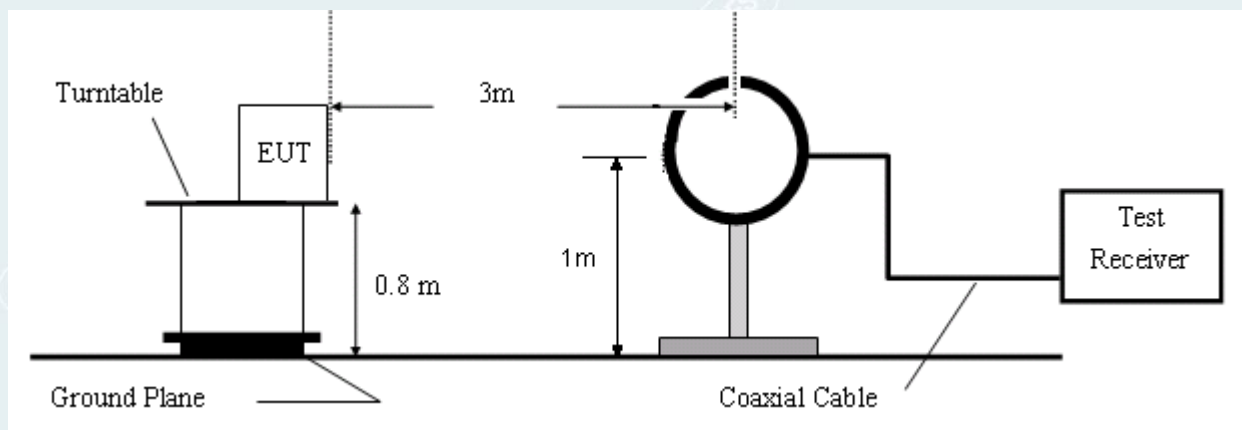
7.1 LIMITS

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. In the case of intentional radiators operating under the provisions of subpart E, the emission bandwidth may span across multiple contiguous frequency bands identified in that subpart. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

7.2 TEST PROCEDURES

- 1) The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- 2) If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.
- 3) If the EUT is a floor standing device, it is placed on the ground.
- 4) Auxiliary equipment and cables were positioned to simulate normal operation conditions.
- 5) The measurement distance is 3 meter.
- 6) The EUT was set into operation.
- 7) Adjust the test instrument for the following setting.
 RBW: 3Hz.
 VBW: 10Hz.
 Detector: Peak.
 Sweep time: Auto.
- 8) Allow trace to fully stabilize.

7.3 TEST SETUP



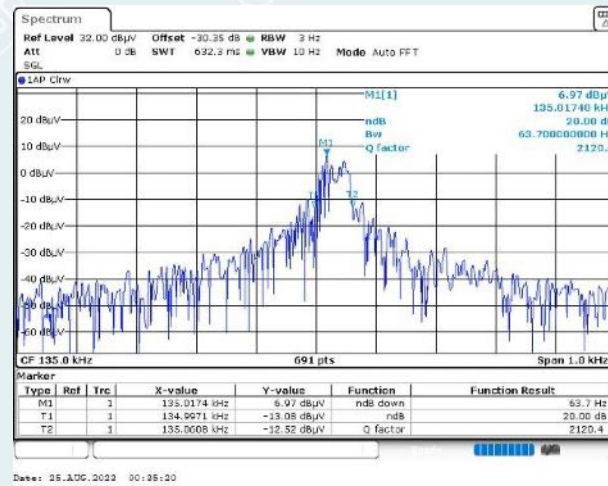
7.4 TEST RESULTS

Project Information			
Application No.:	E202304201893	EUT:	Multifunctional Clock Bluetooth Speaker Charger
Model:	TEKHOME ONXYZ	SN:	E202304201893-0001
Environment:	Temp: 23.8°C; Humi: 62%; 101.0kPa	Voltage:	AC 120V/60Hz
Engineer:	Zhang zishan	Test date:	2023-08-25

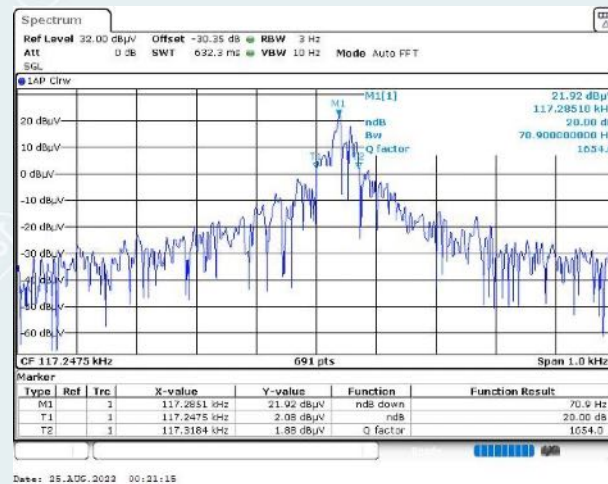
Note: There are no fundemantal frequency in mode 1.

For mode 2:

Frequency (kHz)	20dB Bandwidth (Hz)	limit	Test Result
135.0	63.7	N/A	Complied

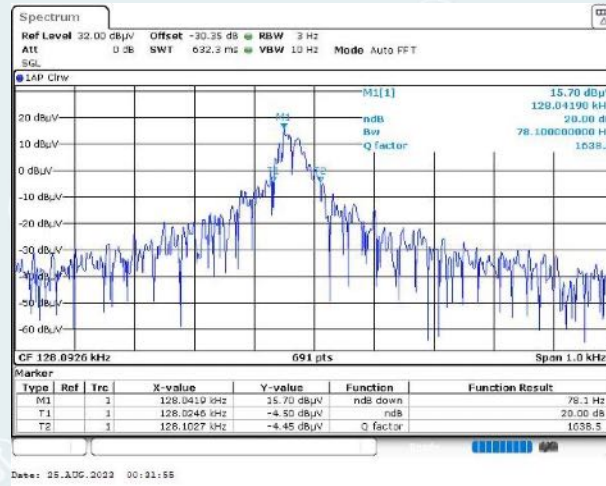


Frequency (kHz)	20dB Bandwidth (Hz)	limit	Test Result
117.2475	70.9	N/A	Complied



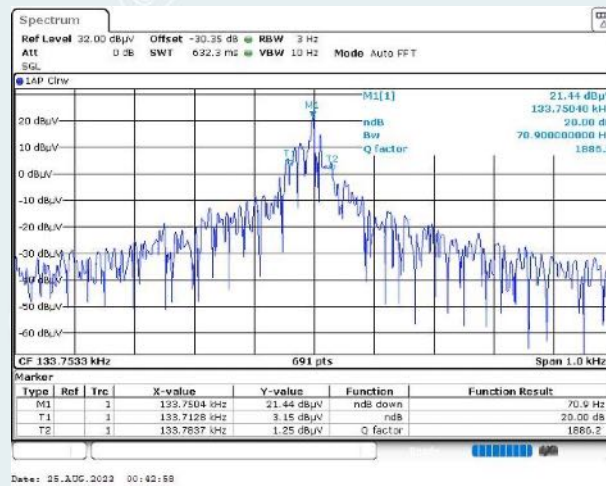
For mode 3:

Frequency (kHz)	20dB Bandwidth (Hz)	limit	Test Result
128.0926	78.1	N/A	Complied



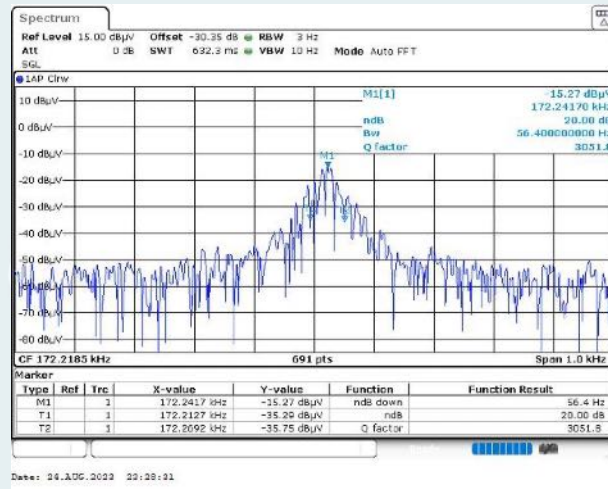
For mode 4:

Frequency (kHz)	20dB Bandwidth (Hz)	limit	Test Result
133.7533	70.9	N/A	Complied



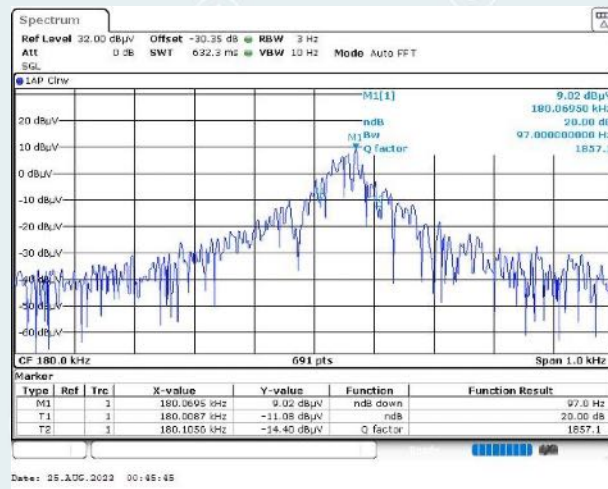
----- The following blanks -----

Frequency (kHz)	20dB Bandwidth (Hz)	limit	Test Result
172.2185	56.4	N/A	Complied

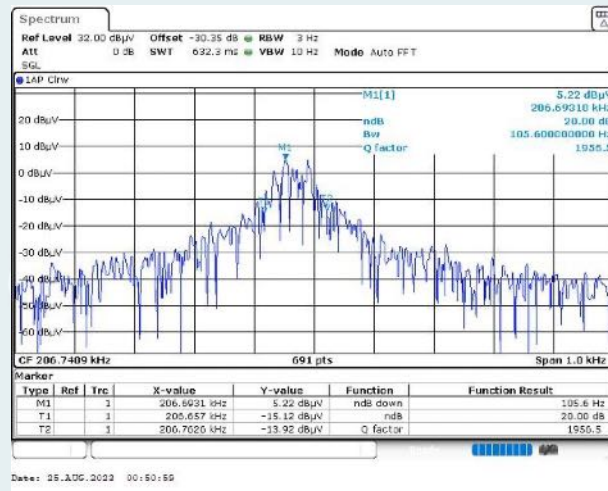


For mode 5:

Frequency (kHz)	20dB Bandwidth (Hz)	limit	Test Result
180.0	97.0	N/A	Complied



Frequency (kHz)	20dB Bandwidth (Hz)	limit	Test Result
206.7409	105.6	N/A	Complied



----- The following blanks -----

8. PHOTOGRAPHS OF TEST SET-UP

Please refer to the attached document E202304201893-7 test setup photo-FCC.

9. PHOTOGRAPHS OF THE EUT

Please refer to the attached document E202304201893-9 EUT photo-FCC.

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