Certificate of Conformity



Certification No. AXJC202208080216E

Applicant Ruian Meisheng Electronic Factory

Linbei village, Nanbin street, Rui'an City, Wenzhou City, Zhejiang **Address**

Province (opposite to the health center)

Manufacturer : Ruian Meisheng Electronic Factory

Linbei village, Nanbin street, Rui'an City, Wenzhou City, Zhejiang **Address**

Province (opposite to the health center)

CE-EMC Certification Marking

Product Description Smart Throat massager

Models QC-1003

DC 5V, 1A Rated parameters

Trademark N/A

Sufficient samples of the product have been tested and found to be in conformity with

EN 55032: 2015+A1:2020 EN 55035: 2017+A11:2020 **Test Standards** EN 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021

When tested as specified, the submitted sample complies with EMC Directives 2014/30/EU The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test laboratory logo.



Authorized Signer:	
	Kevin Liu /Manager

Aug. 10, 2022



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ANXIN ANXIN ANXIN CE-EMC TEST REPORT

Smart Throat massager

ANXIN Model No.: QC-1003

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Ruian Meisheng Electronic Factory Applicant:

Linbei village, Nanbin street, Rui'an City, Wenzhou City, Zhejiang

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Province (opposite to the health center)

Ruian Meisheng Electronic Factory Manufacturer:

Linbei village, Nanbin street, Rui'an City, Wenzhou City, Zhejiang

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Shenzhen An-Xin Testing Service Co., Ltd. Issued By:

> Room 402-405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen,

Guangdong, China

+86-0755-23009643 Fax: +86-0755-23009643

Report Number: AXJC202208080216E

Issued Date: Aug. 10, 2022

Aug. 10, 2022 Date of Report :

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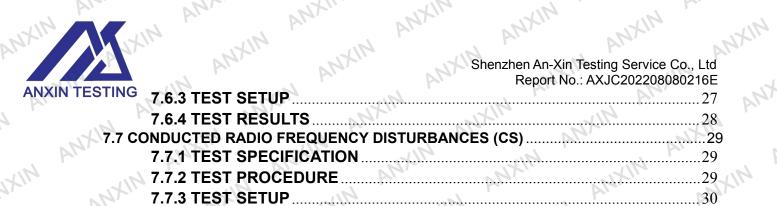
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1. GENERAL INFORMATION

ANXIN ANXIN ANXIN 1.1 Product Description for Equipment Under Test (EUT)

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Product: S	mart Throat	massager
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Model: QC-1003

Applicant: Ruian Meisheng Electronic Factory

Linbei village, Nanbin street, Rui'an City, Wenzhou City, Zhejiang Province

(opposite to the health center)

Manufacturer: Ruian Meisheng Electronic Factory

Linbei village, Nanbin street, Rui'an City, Wenzhou City, Zhejiang Province

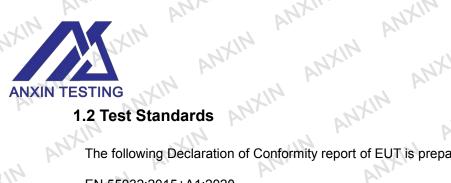
(opposite to the health center)

Test Voltage: DC 5V, 1A

+	Applicable Standards:	EN 55032: 2015+A1 EN 55035: 2017+A1 EN 61000-3-2:2019 EN 61000-3-3:2013	l1:2020 +A1:2021	WAXIN W	ANXIN AN	ANXIN
		Deviation	on from Applicab	ole Standard		. 6
	MXIM	MY	None	V VI	ANY	

The above equipment has been tested by Shenzhen An-Xin Testing Service Co., Ltd. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:		ANXIN Date: AN	Aug. 10, 202	2/17
ALLY.	Jet Chen			
Approved By:	ANXIN	VIN Date: N	Aug. 10, 202	ANXII
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The following Declaration of Conformity report of EUT is prepared in accordance with

EN 55032:2015+A1:2020

EN 55035:2017+A11:2020

1.3 TEST SUMMARY

For the EUT described above. The standards used were EN 55032 Class B for Emissions & EN 55035 for Immunity.

Table 1: Tests Carried Out Under EN 55032: 2015+A1:2020(as amended)

Standard	Test Items	Statu s
EN 55032:2015+A1:2020	Conducted (Main Port)	×
EN 95032.2015+A1.2020	Radiated Disturbances	V P
EN 61000-3-2:2019+A1: 2021	Harmonic current emissions	×
EN 61000-3-3:2013+A2: 2021	Voltage fluctuations & flicker	XIN

- Indicates that the test is applicable
- Indicates that the test is not applicable

Table 2: Tests Carried Out Under EN 55035: 2017(as amended)

Standard	Test Items	Statu s
EN61000-4-2:2009	Meets the requirements of Performance Criterion B	XX
EN61000-4-3:2018	Meets the requirements of Performance Criterion A	×
EN61000-4-4:2012	Meets the requirements of Performance Criterion B	X
EN61000-4-5:2014+A1:2017	Meets the requirements of Performance Criterion B	×
EN61000-4-6:2014+AC:2015	Meets the requirements of Performance Criterion A	×
EN61000-4-11:2019	Meets the requirements of Voltage dips: 1) >95% reduction performance Criterion B 2) 30% reduction performance Criterion C Voltage variations: 1)>95% reduction performance Criterion C	×
	the test is applicable the test is not applicable	WXIN AT

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1.4 Test Methodology

All measurements contain immunity measure immunity

All immunity All measurements contained in this report were conducted with CISPR 16-1: 2002, radio disturbance and immunity measuring apparatus, and CISPR16-2: 2002, Method of measurement of disturbances and

All measurement required was performed at laboratory of POCE Technology Co., Ltd.

1F, Bldy.H,Hongfa Science and Technology park,Tangtou, Shiyan Street, Bao'an District, Shenzhen

1.5 Test Instruments list

	lmmu	nity shielded roo	m	
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMC PARTNER TRANSIENT 2000	EMC PARTNER	TRA2000	881	04/10/2023
Power-frequency Magnetic field	SCHAFFNER	CCN 1000-1	72046	04/10/2023
Induction Coil Interface	SCHAFFNER	INA2141	6003	04/10/2023
Signal Generator	Marconi	2022D	119246/003	04/10/2023
Power Amplifier	M2S	A00181-1000	9801-112	04/10/2023
CDN	MEB	M3-8016	003683	04/10/2023
Power Amplifier	M2S	AC8113/ 800-250A	9801-179	04/10/2023
Power Antenna	SCHAFFNER	CBL6140A	1204	04/10/2023
ESD 2000	EMC PARTNER	ESD2000	182	04/10/2023
Harmonic & Flicker Tester	California instruments	PACS-3	SB2588/01	04/10/2023
AC Power Source	California instruments	5001iX-CTS-40	SB2588	04/10/2023
EMI Test Receiver	R&S	ESCI	100005	04/10/2023
Spectrum Analyzer	R&S	FSU	100114	04/10/2023
Pre Amplifier	H.P.	HP8447E	2945A02715	04/10/2023
Bilog Antenna	SUNOL Sciences	JB3	A021907	04/10/2023
Cable	TIME MICROWAVE	LMR-400	N-TYPE04	04/10/2023
System-Controller	CCS	N/A	N/A	N.C.R
Turn Table	ccs	N/A	N/A	N.C.R
Antenna Tower	CCS	N/A	N/A	N.C.R
Triple-Loop Antenna	EVERFINE	LLA-2	N/A	04/10/2023
LISN	AFJ AFJ	LS16	16010222119	04/10/2023
LISN(EUT)	Mestec	AN3016	04/10040	04/10/2023

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2 SYSTEM TEST CONFIGURATION

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2.1 Justification

The system was configured for testing in a typical fashion (as normally used by a typical user).

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2.2 EUT Exercise Software

The EUT exercising program used during radiated and conducted testing was designed to exercise the various system components in a manner similar to a typical use. The software offered by manufacture, can let the EUT being normal operation.

2.3 Equipment Modifications

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The EUT tested was not modified by POCE Technology Co., Ltd. 1F, Bldy.H, Hongfa Science and Technology park, Tangtou, Shiyan Street, Bao'an District, Shenzhen

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3 EMISSION TEST

3.1 LIMITS

FREQUENCY (MHz)	Class E	3 (dBuV)
FREQUENCY (MHZ)	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	1X11 60 X1N	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 0.15 to 0.50 MHz.
- (3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.2 TEST PROCEDURES

Procedure of Preliminary Test

The EUT and Support equipment, if needed, was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per EN55032 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane, which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

All I/O cables were positioned to simulate typical actual usage as per EN55032.

The EUT test program was started. Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in Item 3.1 were scanned during the preliminary test. After the preliminary scan, we found the test mode described in Item 3.1 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, Line 1 and Line 2, 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.

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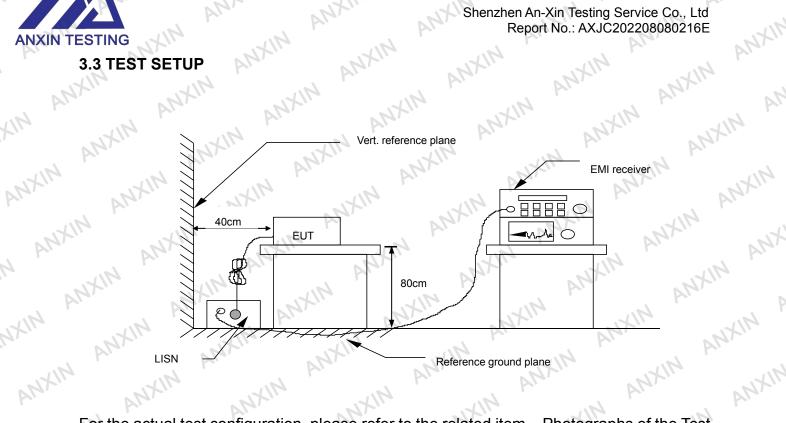
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3.3 TEST SETUP

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3.4 TEST RESULTS

3.4 TEST RESULTS Temperature (°C)	ANY WALL WALL
Temperature(°C)	22~28 AN
Humidity (%RH)	50~57
Humidity (%RH) Barometric Pressure (n	mbar) 950~1000
EUT	Smart Throat massager
EUT M/N	QC-1003
Operating Mode	Normal Operation
Test Results	N/A)
ANXIN	IN ANY
ANXIN ANXIN AN	IXIN ANXIN



4 RADIATED EMISSION MEASUREMENT

4.1 LIMITS

FREQUENCY (MHz)	dBuV/m (At 3m)
	Limit
30 ~ 230	40
230 ~ 1000	47

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

(2) Emission level (dBuV/m) = 20 log Emission level (uV/m).

4.2 TEST PROCEDURE

Procedure of Preliminary Test

The equipment was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane. When the EUT is a floor standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane. Support equipment, if needed, was placed as per EN55032. All I/O cables were positioned to simulate typical usage as per EN55032. ains cables, telephone lines or other connections to auxiliary equipment located outside the test are shall drape to the floor, be fitted with ferrite clamps or ferrite tubes placed on the floor at the point where the cable reaches the floor and then routed to the place where they leave the turntable. No extension cords shall be used to mains receptacle. The antenna was placed at 3 meter away from the EUT as stated in EN 55032. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.

The Analyzer / Receiver quickly scanned from 30MHz to 1000MHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

The test mode(s) described in Item 3.1 were scanned during the preliminary test:

After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level. The EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for the final test.

Procedure of Final Test

EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.

The Analyzer / Receiver scanned from 30MHz to 1000MHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.

The test data of the worst-case condition(s) was recorded.

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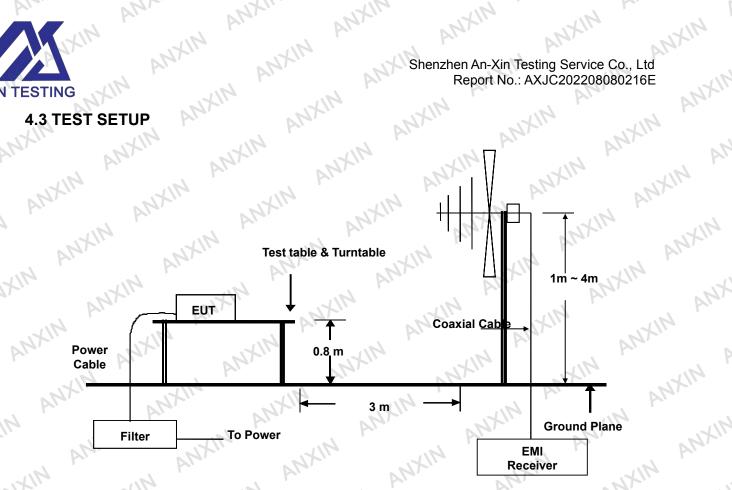
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4.3 TEST SETUP

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For the actual test configuration, please refer to the related item – Photographs of the Test ANXIN ANX Configuration

4.4 TEST RESULTS

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IXIM	Temperature (°C)	22~28	NXIN
	Humidity (%RH)	14 50~57 M	VI.
MXIM	Barometric Pressure (mbar)	950~1000	. 41
	EUT	Smart Throat massager	A Pri
and	M/N	QC-1003	D
M	Operating Mode	Normal Operation	MN
	Test Results	PASS A	7.
MXIN	A MIX.	YOUNG BUXING	MXIN
NI-	Y ANXI	MXIM MXIM	VI.

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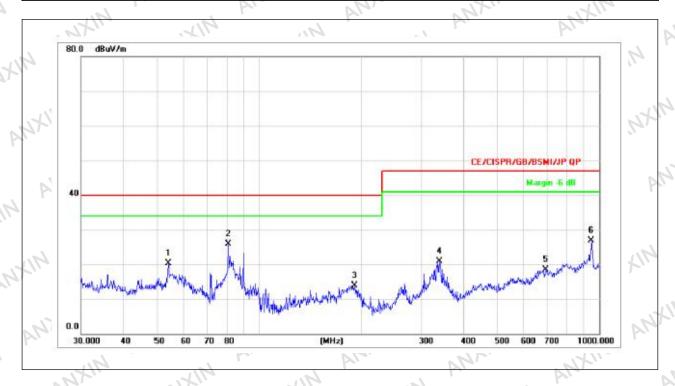
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T MIXI	ESTING	My My	, s	N ₁
	EUT:	Smart Throat massager	Model Name. :	QC-1003
. "	Temperature:	26 ℃	Relative Humidity:	54%
N	Pressure:	1010hPa	Test Date:	Aug. 08, 2022
	Test Mode:	Normal Operation	Phase:	Vertical
	Test Voltage :	DC 5V	MY	IN N



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		Antenna Height	Table Degree	ā	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1		53.8818	31.29	-10.93	20.36	40.00	-19.64	QP				
2	*	80.9275	43.95	-18.10	25.85	40.00	-14.15	QP				
3		190.4050	29.42	-15.61	13.81	40.00	-26.19	QP				
4		338.4001	32.50	-11.60	20.90	47.00	-26.10	QP				
5		696.8567	22.85	-4.44	18.41	47.00	-28.59	QP				-
ŝ		948.7610	27.48	-0.48	27.00	47.00	-20.00	QP				

Remark:

- ANXIN ANXIN 1. All readings are Quasi-Peak and Average values.
- Factor = Insertion Loss + Cable Loss.
- 3. N/A means All Data have pass Limit

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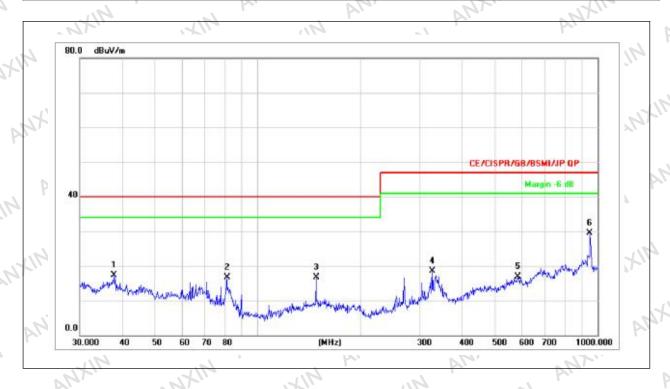
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ESTING	ANXIN ANXIN A		An-Xin Testing Service Co., Ltd eport No.: AXJC202208080216E
EUT:	Smart Throat massager	Model Name. :	QC-1003
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Test Date:	Aug. 08, 2022
Test Mode:	Normal Operation	Phase:	Horizontal
Test Voltage :	DC 5V	NIXI	- IN IN IN



No.	Mk.	Freq.	Reading Level	Correct	Measure- ment	Limit	Over		Antenna Height	Table Degree	9	~17
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment	
1		37.8121	25.96	-8.74	17.22	40.00	-22.78	QP				
2		81.2117	34.72	-18.10	16.62	40.00	-23.38	QP				
3		148.4410	29.67	-12.93	16.74	40.00	-23.26	QP				-
4		326,7395	30.47	-11.90	18.57	47.00	-28.43	QP				-
5		582.7425	23.03	-6.20	16.83	47.00	-30.17	QP				
6	¥	948.7610	29.93	-0.48	29.45	47.00	-17.55	QP				

Remark:

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- ANXIN ANXIN 1. All readings are Quasi-Peak and Average values.
- 2. Factor = Insertion Loss + Cable Loss.
- 3. N/A means All Data have pass Limit

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5 HARMONICS CURRENT MEASUREMENT

5.1. LIMITS OF HARMONICS CURRENT MEASUREMENT

	•···· =				-/100111-III	
	Limits for	Class A equipment		ar	Limits for Class D equip	ment (
	Harmonics Order n	Max. permissible harmonics current A	P	Harmonics Order n	Max. permissible harmonics current per watt mA/W	Max. permissible harmonics current A
	Od	d harmonics		12:	Odd Harmonics only	VIJV.
	3	2.30		3	3.4	2.30
	5	1.14		5	1.9	1.14
	7	0.77	1	7	1.0	0.77
	9	0.40		9	0.5	0.40
	11	0.33		11	0.35	0.33
P	13	0.21	7	13	0.30	0.21
	15<=n<=39	0.15x15/n		15<=n<=39	3.85/n	0.15x15/n
	Even harmonics			MN	101	Pic
1	2	1.08		VHV.	11/11	In In
	4	0.43			V. VI	MX
	6	0.30		IXIL	M	10.
	8<=n<=40	0.23x8/n		Ar.	VHV.	14/11
1						. 191

NOTE: 1. Class A and Class D are classified according to item 4.4.3.

2. According to section 7 of EN 61000-3-2, the above limits apply for all equipments with a rated power more than 75W, except for lighting equipment.

5.2. TEST PROCEDURE

The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the maximum harmonic components under LIGHTING operating conditions for each successive harmonic component in turn.

The classification of EUT is according to section 5 of EN 61000-3-2.

The EUT is classified as follows:

- Class A: Balanced three-phase equipment, Household appliances excluding equipment as Class D, Tools excluding portable tools, Dimmers for incandescent lamps, audio equipment, equipment not specified in one of the three other classes.
- Class B: Portable tools; Arc welding equipment which is not professional equipment.
 - Class C: Lighting equipment.
 - Class D: Equipment having a specified power less than or equal to 600 W of the following types: Personal computers and personal computer monitors and television receivers.

The correspondent test program of test instrument to measure the current harmonics emanated from EUT is chosen. The measure time shall be not less than the time necessary for the EUT to be exercised.

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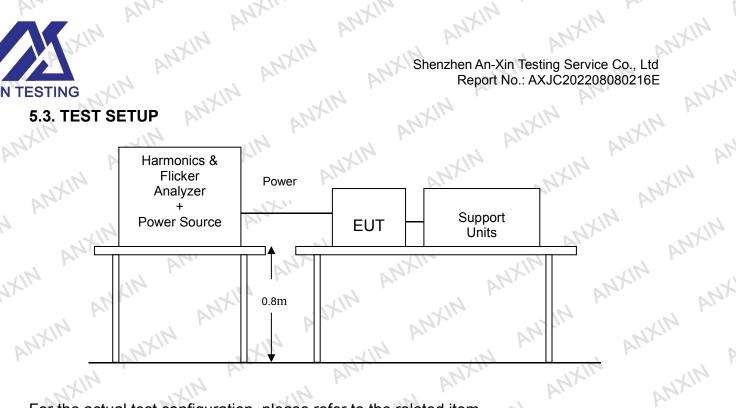
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5.3. TEST SETUP

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5.4. TEST RESULTS

Temperature(℃)	, please refer to the related item. 22~28
Humidity (%RH)	50~58
Barometric Pressure (mbar)	950~1000
EUT	Smart Throat massager
M/N	QC-1003
Operating Mode	Normal Operation
Test Results	ANXIII N/A MXIII
Test Results ANXIN	ANXIN
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6. Voltage Fluctuation and Flicker

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6.1. LIMITS OF VOLTAGE FLUCTUATION AND FLICKS MEASUREMENT

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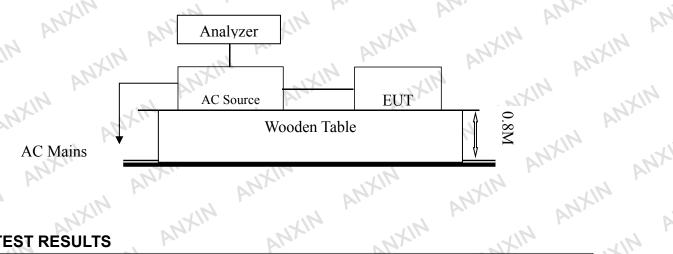
TEST ITEM	LIMIT	REMARK
P _{st}	1.0	P _{st} means short-term flicker indicator.
P _{lt}	0.65	P _{lt} means long-term flicker indicator.
T _{dt} (ms)	500	T _{dt} means maximum time that dt exceeds 3 %.
d _{max} (%)	4%	d _{max} means maximum relative voltage change.
dc (%)	3.3%	dc means relative steady-state voltage change

6.2 TEST SPECIFICATION

The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the most unfavorable sequence of voltage changes under normal operating conditions operating conditions.

cycle in which the EUT produce the most unfavorable sequence of voltage changes. The observation period for short-term flicker indicator is 10 minutes and the for long-term flicker indicator is 2 hours.

6.3 TEST SETUP



6.4 TEST RESULTS

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6.4 TEST RESULTS	" MAIL
Temperature (°C)	22~28
Humidity (%RH)	50~57
Barometric Pressure (mbar)	950~1000
EUT	Smart Throat massager
M/N	QC-1003
Operating Mode	Normal Operation
Test Results	N/A

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ANXIN ANXIN ANXIN 7 IMMUNITY TEST

7.1 GENERAL DESCRIPTION

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Product		EN 55035
Standard	Test Type	Minimum Requirement
	EN 61000-4-2	Electrostatic Discharge – ESD: 8kV air discharge, 4kV Contact discharge, Performance Criterion B
	EN 61000-4-3	Radio-Frequency Electromagnetic Field Susceptibility Test – RS: 80 ~1000 MHz, 3V/m, 80% AM(1kHz), Performance Criterion A
	EN 61000-4-4	Electrical Fast Transient/Burst - EFT, Power line: 1kV, Signal line: 0.5kV, Performance Criterion B
Basic Standard, Specification, and Performance Criterion	EN 61000-4-5	Surge Immunity Test: 1.2/50 us Open Circuit Voltage, 8 /20 us Short Circuit Current, Power Port ~ Line to line: 1kV, Line to ground: 2kV Signal Port ~ Lines to ground: 1kV Performance Criterion B
required	EN 61000-4-6	Conducted Radio Frequency Disturbances Test –CS: 0.15 ~ 80 MHz, 3Vrms, 80% AM, 1kHz, Performance Criterion A
	EN 61000-4-11	Voltage Dips: i) >95% reduction for 0.5 period, Performance Criterion B ii) 30% reduction for 25 period, Performance Criterion C
N ANXIN	WXIN BUX	Performance Criterion C Voltage Interruptions: >95% reduction for 250 period Performance Criterion C

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7.2 GENERAL PERFORMANCE CRITERIA DESCRIPTION

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Criteria A:	The apparatus shell continues to operate as intended without operator intervention. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance. If the manufacturer does not specify the minimum performance level or the permissible performance loss, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.
Criteria B:	After test, the apparatus shell continues to operate as intended without operator intervention. No degradation of performance or loss of function is allowed, after the application of the phenomenon below a performance level specified by the manufacturer, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance.
	During the test, degradation of performance is however allowed. However, no change of operating state if stored data is allowed to persist after the test. If the manufacturer does not specify the minimum performance level or the permissible performance loss, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.
Criteria C:	Temporary loss of function is allowed, provided the functions is self-recoverable or can be restored by the operation of controls by the user in accordance with the manufacturer instructions.
	Functions, and/or information stored in non-volatile memory, or protected by a battery backup, shall not be lost.
7.3 ELECTROS 7.3.1 TEST SP	STATIC DISCHARGE (ESD)
	ic Standard: EN 61000-4-2
_	Impedance: 330 ohm g Capacity: 150pF

7.3 ELECTROSTATIC DISCHARGE (ESD) 7.3.1 TEST SPECIFICATION

Discharge Voltage:

Air Discharge: 8 kV (Direct)
Contact Discharge Contact Discharge: 4 kV (Direct/Indirect)

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Positive & Negative Polarity:

Number of Discharge: Minimum 25 times at each test point ANXIN

1 time/s **Discharge Mode:**

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7.3.3 TEST PROCEDURE

The discharges shall be applied in two ways:

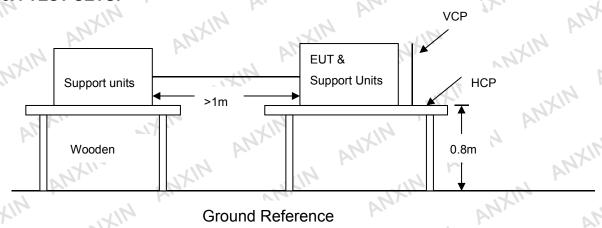
- a) Contact discharges to the conductive surfaces and coupling planes: The EUT shall be exposed to at least 200 discharges, 100 each at negative and positive polarity, at a minimum of four test points. One of the test points shall be subjected to at least 50 indirect discharges to the center of the front edge of the Horizontal Coupling Plane (HCP). The remaining three test points shall each receive at least 50 direct contact discharges. If no direct contact test points are available, then at least 200 indirect discharges shall be applied in the indirect mode. Test shall be performed at a maximum repetition rate of one discharge per second.
- b) Air discharges at slots and apertures and insulating surfaces: On those parts of the EUT where it is not possible to perform contact discharge testing the equipment should be investigated to identify user accessible points where breakdown may occur. Such points are tested using the air discharge method. This investigation should be restricted to those area Full Load handled by the user. A minimum of 10 single air discharges shall be applied to the selected test point for each such area.

The basic test procedure was in accordance with IEC 61000-4-2:

- a) The EUT was located 0.1 m minimum from all side of the HCP (dimensions 1.6m x 0.8m).
- b) The support units were located another table 30 cm away from the EUT, but direct support unit was/were located at same location as EUT on the HCP and keep at a distance of 10 cm with EUT.
- c) The time interval between two successive single discharges was at least 1 second.
- d) Contact discharges were applied to the non-insulating coating, with the pointed tip of the generator penetrating the coating and contacting the conducting substrate.
- e) Air discharges were applied with the round discharge tip of the discharge electrode approaching the EUT as fast as possible (without causing mechanical damage) to touch the EUT. After each discharge, the ESD generator was removed from the EUT and re-triggered for a new single discharge. The test was repeated until all discharges were complete.
- f) At least ten single discharges (in the most sensitive polarity) were applied at the front edge of each HCP opposite the center point of each unit of the EUT and 0.1 meters from the front of the EUT. The long axis of the discharge electrode was in the plane of the HCP and perpendicular to its front edge during the discharge.
- g) At least ten single discharges (in the most sensitive polarity) were applied to the center of one vertical edge of the Vertical Coupling Plane (VCP) in sufficiently different positions that the four faces of the EUT were completely illuminated. The VCP (dimensions 0.5m x 0.5m) was placed vertically to and 0.1 meters from the EUT.



7.3.4 TEST SETUP



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For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

NOTE:

TABLE-TOP EQUIPMENT

The configuration consisted of a wooden table 0.8 meters high standing on the Ground Reference Plane. The GRP consisted of a sheet of aluminum at least 0.25mm thick, and 2.5 meters square connected to the protective grounding system. A Horizontal Coupling Plane (1.6m x 0.8m) was placed on the table and attached to the GRP by means of a cable with 940k total impedance. The equipment under test, was installed in a representative system as described in section 7 of EN 61000-4-2, and its cables were placed on the HCP and isolated by an insulating support of 0.5mm thickness. A distance of 1-meter minimum was provided between the EUT and the walls of the laboratory and any other metallic structure.

FLOOR-STANDING EQUIPMENT

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61000-4-2, and its cables were isolated from the Ground Reference Plane by an insulating support of 0.1-meter thickness. The GRP consisted of a sheet of aluminum that is at least 0.02 The equipment under test was installed in a representative system as described in section 7 of IEC 0.1-meter thickness. The GRP consisted of a sheet of aluminum that is at least 0.25mm thick, and 2.5 meters square connected to the protective grounding system and extended at least 0.5 meters from ANXIN ANXIN the EUT on all sides. ANXIN ANXIN

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T	ESTING AND	Shenzhen An-Xin Testing Service C Report No.: AXJC20220808	
	7.3.5 TEST RESULTS	ANXIN WINN IN AN	(N)
7	Temperature (°C)	22~28	VX.
	Humidity (%RH)	50~57	
	Barometric Pressure (mbar)	950~1000	VL)
	EUT	Smart Throat massager	
	M/N	QC-1003	
	Operating Mode	Normal Operation	YIL.
	Test Results	PASS	

JXIM	115	10.	r.	. P		Wy.	NXI	
	Air Discharge							
	Test Levels			Results				
Test locations		± 8 kV	V Pass		Performance Criterion Observation		ation	
Slot	4Points	\boxtimes	\boxtimes		В	Note 🗌 1	⊠2	
	VIN	MXIII	NIN		M	'V		

		Co	ntact Dis	charge			
Test Points		Test Levels	Results				
		± 4 kV	Pass Fail Performance Criterion			Observation	
DC Port	2Points	\boxtimes	\boxtimes		В	Note ☐ 1 2	
HCP	4Points	\boxtimes			В	Note □ 1 ⋈ 2	
VCP	4Points		\boxtimes		В	Note □ 1 ⋈ 2	

NOTE: 1. There was no change compared with initial operation during the test.

2. The loss of function of the EUT during the test and it was recovered by itself operation after the test.

7.4 RADIATED, RADIO-FREQUENCY, ELECTROMAGNETIC FIELD (RS)

EN 61000-4-3 **Basic Standard:**

80 MHz ~1000 MHz, Frequency Range:

Field Strength: 3 V/m

1kHz Sine Wave, 80%, AM Modulation **Modulation:**

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Horizontal and Vertical Polarity of Antenna:

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7.4.1 TEST PROCEDURE

The test procedure was in accordance with EN 61000-4-3

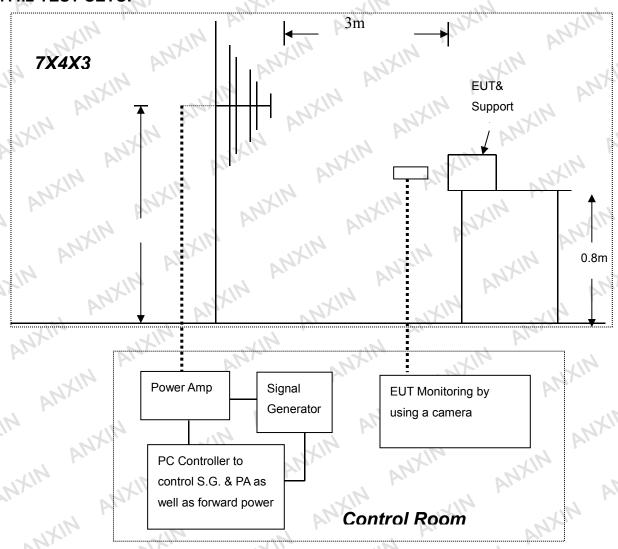
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a) The testing was performed in a fully anechoic chamber. The transmit antenna was located at a distance of 3 meters from the EUT.

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- b) The frequency range is swept from 80 MHz to 1000 MHz, with the signal 80% amplitude modulated with a 1 kHz sine-wave. The rate of sweep did not exceed 1.5 x 10⁻³ decade/s, where the frequency range is swept incrementally, the step size was 1% of preceding frequency value.
- The dwell time at each frequency shall be not less than the time necessary for the EUT to be able to respond.
- d) The test was performed with the EUT exposed to both vertically and horizontally polarized fields on each of the four sides.

7.4.2 TEST SETUP





For the actual test configuration, please refer to the related item.

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NOTE:

TABLETOP EQUIPMENT

non-conductive table 0.8 meters in height. The system under test was connected to the power and signal wire according to relevant installation instructions.

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FLOOR STANDING EQUIPMENT

The EUT installed in a representative system as described in section 7 of IEC 61000-4-3 was placed on a non-conductive wood support 0.1 meters in height. The system under test was connected to the power and signal wire according to relevant installation instructions.

7.4.3 TEST RESULTS

Temperature (°C)	22~28
Humidity (%RH)	50~57
Barometric Pressure (mbar)	950~1000
EUT	Smart Throat massager
M/N	QC-1003
Operating Mode	Normal Operation
Test Results	ANA MAIN

Polarity	Position	Field Strength			
		(V/m)	Observation	Result	N
V&H	Front	3	Note	PASS	
V&H	Rear	7 3	Note	PASS	
V&H	Left	3 AM	Note	PASS	1
V&H	Right	71/1/3	Note	PASS	
change compare	ed with the initi	al operation durir		ANXIN AN	717
	V&H V&H V&H	V&H Rear V&H Left V&H Right	V&H Rear 3 V&H Left 3 V&H Right 3	V&H Rear 3 Note V&H Left 3 Note V&H Right 3 Note hange compared with the initial operation during the test.	V&H Rear 3 Note PASS V&H Left 3 Note PASS V&H Right 3 Note PASS hange compared with the initial operation during the test.

NOTE: There was no change compared with the initial operation during the test. ANXIN ANXIN ANXIN

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7.5 ELECTRICAL FAST TRANSIENT (EFT) 7.5.1 TEST SPECIFICATION

Basic Standard: EN 61000-4-4

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Test Voltage:

Signal/Control Line: 0.5 kV
Positive & Negative
5 kU-

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Polarity:

Impulse Frequency: 5 kHz Impulse Wave-shape: 5/50 ns 15 ms **Burst Duration:**

300 ms **Burst Period:**

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Not less than 1 min. **Test Duration:**

Performance criterion:

7.5.2 TEST PROCEDURE

a) Both positive and negative polarity discharges were applied.

- b) The length of the "hot wire" from the coaxial output of the EFT generator to the terminals on the EUT should not exceed 1 meter.
- c) The duration time of each test sequential was 1 minute.
 - d) The transient/burst waveform was in accordance with EN 61000-4-4, 5/50ns. ANXIN ANXIN

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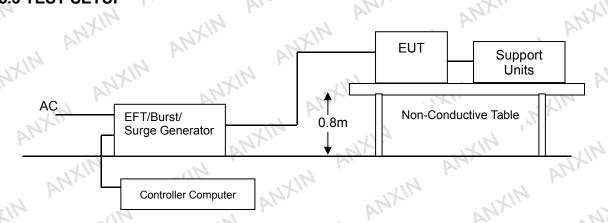
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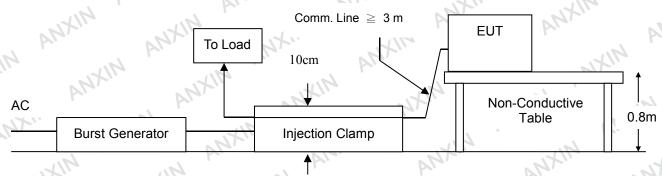
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7.5.3 TEST SETUP



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For the actual test configuration, please refer to the related item - Photographs of the Test Configuration.

NOTE:

TABLETOP EQUIPMENT

The configuration consisted of a wooden table (0.8m high) standing on the Ground Reference Plane. The GRP consisted of a sheet of aluminum (at least 0.25mm thick and 2.5m square) connected to the protective grounding system. A minimum distance of 0.5m was provided between the EUT and the walls of the laboratory or any other metallic structure.

FLOOR STANDING EQUIPMENT

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The EUT installed in a representative system as described in section 7 of IEC 61000-4-4 and its cables, were isolated from the Ground Reference Plane by an insulating support that is 0.1-meter thick. The GRP consisted of a sheet of aluminum (at least 0.25mm thick and 2.5m square) connected to the protective grounding system.

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	WXIN WXIN	Shenzhen An-Xin Testing Service Co., Lt	
	T.5.4 TEST RESULTS	Report No.: AXJC202208080216)E
1	Temperature (°C)	22~28	1
	Humidity (%RH)	50~57	
	Barometric Pressure (mbar)	950~1000	7
	EUT	Smart Throat massager	
	M/N	QC-1003	
	Operating Mode	Normal Operation	j.
	Test Results	N/A N/A	
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	Test Point	Polarity	Test Level (kV)	Performance Criterion	Observation	Result
	ANXL1	17/1-	11/14	В	Note □ 1 ⊠ 2	PASS
	L 2	+/-	1	В	Note □ 1 ⊠ 2	PASS
	L 1–L 2	+/-	TYIN	B	Note ☐ 1 🖂 2	PASS
J.	Signal Line		N	VE.	Note □1 □2	N/A

NOTE: 1. There was no change compared with initial operation during the test.

The loss of function of the EUT during the test and it was recovered by itself operation after the test.

7.6 SURGE IMMUNITY TEST 7.6.1 TEST SPECIFICATION

EN 61000-4-5 **Basic Standard:**

Wave-Shape: **Combination Wave**

> 1.2/50 us Open Circuit Voltage 8/20 us Short Circuit Current

Power line ~ line to line: 1 kV; Test Voltage:

line to ground: 2kV

Telecommunication line: 1 kV;

Surge Input/Output: Power Line: L-N / L-PE / N-PE

Telecommunication line: T-Ground / R-Ground

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2 ohm between networks **Generator Source Impedance:**

12 ohm between network and ground

Polarity: Positive/Negative

Phase Angle: 0 /90 /180 /270

Pulse Repetition Rate: 1 time / min. (maximum)

5 positive and 5 negative at selected points Number of Tests:

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Performance Criterion:



7.6.2 TEST PROCEDURE

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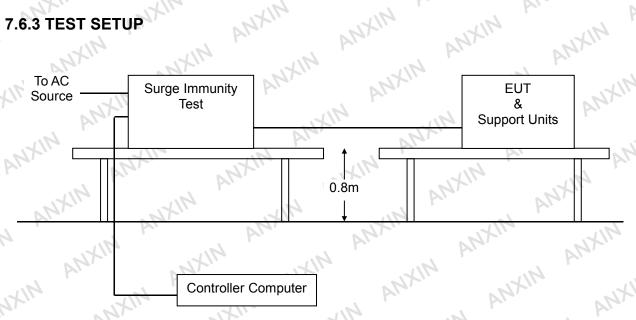
a) For EUT power supply:

The surge is applied to the EUT power supply terminals via the capacitive coupling network. Decoupling networks are required in order to avoid possible adverse effects on equipment not under test that may be powered by the same lines, and to provide sufficient decoupling impedance to the surge wave. The power cord between the EUT and the coupling/decoupling networks was shorter than 2 meters in length.

- b) For test applied to unshielded un-symmetrically operated interconnection lines of EUT: The surge was applied to the lines via the capacitive coupling. The coupling / decoupling networks didn't influence the specified functional conditions of the EUT. The interconnection line between the EUT and the coupling/decoupling networks was shorter than 2 meters in length.
- c) For test applied to unshielded symmetrically operated interconnection / telecommunication lines of EUT:

The surge was applied to the lines via gas arrestors coupling. Test levels below the ignition point of the coupling arrestor were not specified. The interconnection line between the EUT and the coupling/decoupling networks was shorter than 2 meters in length.

7.6.3 TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

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, N	7.6.4 TEST RESULTS	N A	AR	VMXI.	MXIN
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	Humidity (%RH)	11/2	50~57	VINV.	25/2
In	Barometric Pressure (mbar)	The and	950~1000	W.	IM
VXI.	EUT	Sr Sr	mart Throat mas	sager	A
-/\	M/N	AM	QC-1003	MXIL	MXIN
ANX	Operating Mode	MIX	Normal Operat	ion	VIA
	Test Results	V VIA	N/A	VAXILA	MINIM

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YXIN	Test Point	Polarity	Test Level (kV)	Performance Criterion	Observa	tion	Result
la:	L- N	+/-	ANX 1	В	Note ☐ 1	⊠2	PASS
AMXIII	L-PE	IXIN	1,11	1	Note 🗌 1	□2	N/A
,	N - PE		VAIV.	AHXIII	Note □ 1	□2	N/A
AM	R - Ground	1 4	M I X	M I	Note 🗌 1	□2	N/A
IN	T - Ground	and I Prison	1 AM	1 AMY	Note 🗌 1	□2	N/A

NOTE: 1. There was no change compared with initial operation during the test.

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7.7 CONDUCTED RADIO FREQUENCY DISTURBANCES (CS) 7.7.1 TEST SPECIFICATION

Basic Standard: EN 61000-4-6

Frequency Range: 0.15 MHz ~ 80 MHz

Field Strenath:

1kHz Sine Wave, 80%, AM Modulation **Modulation:**

Frequency Step: 1 % of preceding frequency value

Coupled cable: Power Mains, Shielded Coupling device: CDN-M3/2 (2 wires)

Performance criterion:

7.7.2 TEST PROCEDURE

The EUT shall be tested within its intended operating and climatic conditions.

in turn, while the other non-excited RF input ports of the coupling devices are terminated by a 50-ohm load resistor.

The frequency range was swept from 150 kHz to 80 MHz, using the signal level established during the setting process and with a disturbance signal of 80 % amplitude. The signal was modulated with a 1 kHz sine wave, pausing to adjust the RF signal level or the switch coupling devices as necessary. The sweep rate was 1.5 x 10-3 decades/s. Where the frequency range is swept incrementally, the step size was 1 % of preceding frequency value from 150 kHz to 80 MHz.

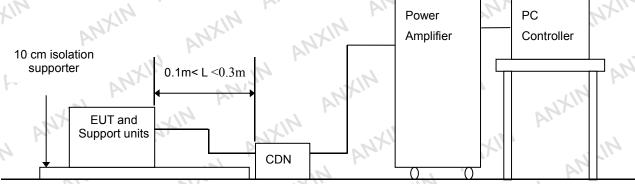
The dwell time at each frequency was less than the time necessary for the EUT to be exercised, and able to respond. Sensitive frequencies such as clock frequency(ies) and harmonics or frequencies of dominant interest, was analyzed separately.

Attempts was made to fully exercise the EUT during testing, and to fully interrogate all exercise modes selected for susceptibility.

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7.7.3 TEST SETUP



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Note: 1. The EUT is setup 0.1m above Ground Reference Plane

2. The CDNS and / or EM clamp used for real test depends on ports and cables configuration of EUT.

For the actual test configuration, please refer to the related item.

NOTE:

TABLE-TOP AND FLOOR-STANDING EQUIPMENT

The equipment to be tested is placed on an insulating support of 0.1 meters height above a ground reference plane. All relevant cables shall be provided with the appropriate coupling and decoupling devices at a distance between 0.1 meters and 0.3 meters from the projected geometry of the EUT on the ground reference plane.

7.7.4 TEST RESULTS

Temperature (°C)	22~28
Humidity (%RH)	50~57
Barometric Pressure (mbar)	950~1000
EUT	Smart Throat massager
M/N	QC-1003
Operating Mode	Normal Operation
Test Results	N/A AM

Frequency Band (MHz)	Field Strength (Vrms)	Injected Position	Injection Method	Performance Criterion	Observation	Result
0.15 ~ 80	1/3	AC Mains	CDN-M2	A	Note ⊠ 1 □ 2	PASS
0.15 ~ 80	3	LAN(10m)	Z/J/X/I	-WXIL	Note □ 1 □ 2	N/A

NOTE: 1. There was no change compared with initial operation during the test.

- 2. The loss of function of the EUT during the test and it was recovered by itself operation after the test.

 3. N/A means to no applicable.
- 3. N/A means to no applicable.

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WIN ANXIN ANXIN 7.8 VOLTAGE DIP & VOLTAGE INTERRUPTIONS 7.8.1 TEST SPECIFICATION LIN 01000-4-11 Minimum three test events in sequence Minimum 10 seconds 0 /45 / 90/ 135/ 180/ 00 3 times

WAXIN WAY

Basic Standard:

Test duration time:

Minimum 10 seconds Interval between event:

Phase Angle:

Test cycle: 3 times

Performance criterion: B,C

7.8.2 TEST PROCEDURE

The EUT and support units were located on a wooden table, 0.8 m away from ground floor.

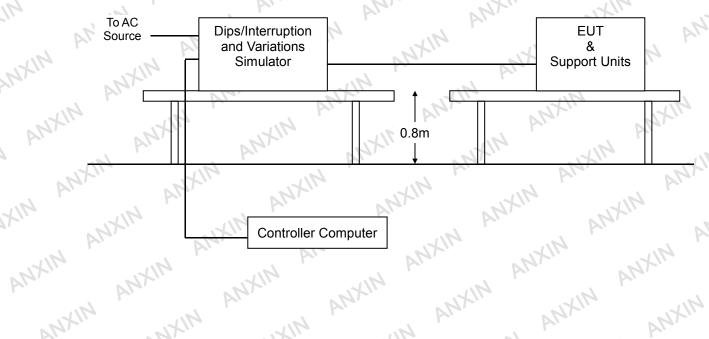
 Setting the parameter of the decay of

- Setting the parameter of tests and then perform the test software of test simulator.
- Conditions changes to occur at 0 degree crossover point of the voltage waveform.
- Recording the test result in test record form.

7.8.3 TEST SETUP

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For the actual test configuration, please refer to the related item - Photographs of the Test Configuration.



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NATIONAL AND	Shenzhen An-Xin Testing Service Co., Lt Report No.: AXJC202208080216
N TESTING 7.8.4 TEST RESULTS	ANXIN MIXIN NICH AND
Temperature (°C)	22~28
Humidity (%RH)	50~57
Barometric Pressure (mbar)	950~1000
EUT	Smart Throat massager
M/N	QC-1003
Operating Mode	Normal Operation
Test Results	N/A N/A
Mr. Myse	in the things of the

N	rest Results		W.	MY. WINA		
, ,	TXILA T	N	112	VIA. VV	NY	
NXIN P	Voltage (% Reduction)	Duration (Period)	Performance Criterion	Observation	Test Result	
	95	0.5	□A ⊠B □C	Note ☐ 1 ⊠ 2 ☐ 3	PASS	
MXIN	30	25	□A □B⊠C	Note ☐ 1 ☐ 2 ⊠ 3	PASS	
12,	95	250	□A □B ⊠C	Note ☐ 1 ☐ 2 ⊠ 3	PASS	

NOTE: 1. There was no change compared with initial operation during and after the test. 2. The function stopped during the test, but can be recoverable by itself operation after the test.

3. The function stopped during the test, but can be recoverable manually and the test.

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9 EUT PHOTOGRAPHS

VIN

ANXIN ANV.

ANXIN ANXIN

Photo 1

View:

[√] Front

1] Rear

Right side []

1/1 Left side

[] Top

Bottom

Internal []



Photo 2

ANXIN

View:

Front $[L_{\ell}]$

[]

Right side

Left side []

[7] Top

[√] Bottom

W. Internal

ANXIN ANXIN



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AHXIN

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MXIN

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ANXIN

MXIN

ANXIN

ANX

ANXIN

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NXIN

ANXIN Photo 3

View:

Front [√]

[] Rear

Right side

AMA

ANXIN BIAN.

Left side []

[] Top

[] **Bottom**

Internal []

ANXIN



Photo 4

View:

ANXIN

[/]

[]

Right side

[] Left side

[] Top

Bottom []

[1]

ANXIN





N

MXIM

Ln.

	IN WHY	IN ANX!	W WAXIN	Shenzhen Ar	n-Xin Testing Servic	
IXIN TESTING	WAIN W	IN WAY	WXIN ANX	Repo	rt No.: AXJC20220	8080216E
Photo 4	110	A A	1 b	W	VHXIII	WALL
h.	VIA.	ANXIN .				-15
	WAXI					Wy.
1 1 1 1 1 1 1 1 1 1	Front	MY P				
[]A[Rear					XIM
WAX. []	Right side	ANXIN				
My	Left side		DI-2A3954 LE	02 08 02 08	an The second second	MXIM
7 []	Тор	AN ²	活航电子 。		F ₀₆	
1 1 1 1 1 1 1 1 1 1	Bottom	W.	B-			AM
[4]	Internal					
	NA,	WXII.				
VHXIIA	MXIM	HXIM	MY		A	AHXIN
17/1	IN IN	VIA.	END	AMXIII	ANXIN	NXII
IN VIA	AMX	AMXIII	MXIM	4	IM Y	W K
AN'	XIM	XIM	IM	UN VIA	AMA	AT
NXIM	MA	IN AM	AN	k.,	WXIIA	MXIM
VIA.	ANK	ANXIII	MXIM	MXIM	MIX	, W
ANXIN	MXIM	MIXI	M	NI.	AM	AMXII
4	W W.	M AL.	, ANX.	ANXII	MXIM	
IN AMA	ANX	ANXII	" WXII"	N	XIM	IN DIE
15/16	MXIM	JXIM ,	VIM N	IN AR	AM	F.,
MXIN	" A	N. AL	V.	MXIII	MXIM	MXIM
VL.	VHX.	ANXIN	MXIN	MIXIA	MIL	bi.
ANXIN	MXIM	My	" " " " " " " " " " " " " " " " " " "	VI.	ANXIN	AMXIII
IM	IN DIE	MARIA	AMXII	ANX	IL WXIL	4
AN	T. ANY	TILL	IL)	IM	UN KI	AM

ANXIN ANXIN