

- Page 1 of 23 -

Report No. YCT2023SZ0216219F



		FCC Test Report
YC		
Equipment under Test	:	oral irrigator
Trade Name	:	N/A
Model /Type	:	M01
Listed Models	:	M02,NW01,NW02
Applicant	:	Hunan Bodeyi Medical Instrument Technology Co., Ltd
Address	:	Room 201, Building A27, Jinyu Industrial Center, Maqiaohe Road, Wangcheng Economic and Technological Zone, Changsha City
Manufacturer	:	Hunan Bodeyi Medical Instrument Technology Co., Ltd
Address	:	Room 201,Building A27,Jinyu Industrial Center,Maqiaohe Road,Wangcheng Economic and Technological Zone,Changsha City
Laboratory	:	Shenzhen Yacetong Testing Technology Services Co., Ltd.
Address	:	Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China
Tel	:	+(86)-0755-23728760
Fax	:	+(86)-0755-23728760
Website	:	http://www.yctlab.com

The test report merely corresponds to the test sample. It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Ø

Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China

FAX



- Page 2 of 23 -



TEST RESULT CERTIFICATION

Applicant's name	. Hunan Bodeyi Medical Instrument Technology Co., Ltd Room 201,Building A27,Jinyu Industrial Center,Magiaohe
Address	Road,Wangcheng Economic and Technological Zone,Changsha City
Manufacturer's Name	Hunan Bodeyi Medical Instrument Technology Co., Ltd
	Room 201, Building A27, Jinyu Industrial Center, Maqiaohe
Address	. Road, Wangcheng Economic and Technological Zone, Changsha City
Product description	
Product name	oral irrigator
Test model:	M01
YC	FCC Part15B: November 12, 2020

Standards ANSI C63.4:2010

This device described above has been tested by YCT, and the test results show that the equipment under test (EUT) is in compliance with Part 15 of FCC Rules. And it is applicable only to the tested sample identified in the report.

This report shall not be reproduced except in full, without the written approval of YCT, this document may be altered or revised by YCT, personal only, and shall be noted in the revision of the document.

Date of Test	
Date (s) of performance of tests	Feb.17, 2023~Feb.24, 2023
Date of Issue	Feb.24, 2023
Test Result	Pass

Testing Engineer

Technical Manager

Authorized Signatory :











Table of Contents	Page
1. TEST SUMMARY	4
1.1 TEST FACILITY	5
1.2 MEASUREMENT UNCERTAINTY	5
2. GENERAL INFORMATION	6
2.1 GENERAL DESCRIPTION OF EUT	6
2.2 DESCRIPTION OF TEST MODES	7
2.3 DESCRIPTION OF TEST SETUP	8
2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL	8
2.5 MEASUREMENT INSTRUMENTS LIST	9
3。. EMC EMISSION TEST	
 3.1 CONDUCTED EMISSION MEASUREMENT	
3.2.4 EUT OPERATING CONDITIONS 3.2.5 TEST RESULTS 3.2.6 TEST RESULTS(Above 1GHz)	

3.2. 19



Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China







1. TEST SUMMARY

Test procedures according to	the technical standards:			
EMC Emission				
Standard	Test Item	Limit	Judgment	Remark
FCC Part15B: November 12,	Conducted Emission	Class B	PASS	
ANSI C63.4:2010	Radiated Emission	Class B	PASS	

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report
- (2) For client's request and manual description, the test will not be executed.



Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China

FAX





- Page 5 of 23 -



1.1 TEST FACILITY

Shenzhen Yacetong Testing Technology Services Co., Ltd. Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China



1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$ · where expended uncertainty \mathbf{U} is based on a

standard uncertainty multiplied by a coverage factor of **k=2** · providing a level of confidence of approximately **95** %.

	Test Item	Uncertainty
	Conducted Emission	2.6dB
F	Dedicted Emission (Delaw 10)	4.56dB(distance:3m; Polarize:V)
	Radiated Emission(Below TG)	4.42dB(distance:3m; Polarize:H)
		3.78dB(distance:3m; Polarize:V)
	Radiated Emission (TGHZ-18GHZ)	3.69dB(distance:3m; Polarize:H)





- Page 6 of 23 -





2.1 GENERAL DESCRIPTION OF EUT

Equipment	oral irrigator	
Brand	N/A	
Model Name	M01	
Additional Model Number(s)	M02,NW01,NW02	
Model Difference	The model name is differer	t and everything else is the same
Product Description	The EUT is a oral irrigator oscillator frequency: Connecting I/O port: Based on the application, for User's Manual, the EUT is Device. More details of EU refer to the User's Manual.	N/A N/A eatures, or specification exhibited in considered as an ITE/Computing T technical specification, please
Power Rating	AC 120V/60Hz	YC

Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China





- Page 7 of 23 -



2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	Running

For Conducted Test	
Final Test Mode	Description
Mode 1	Running

	For Radiated Test	Y(
Final Test Mode	Description	
Mode 1	Running	

YC			



Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China



- Page 8 of 23 -



2.3 DESCRIPTION OF TEST SETUP







2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Brand	Model/Type No.	Series No.	Note
E-1	oral irrigator	N/A	M01	N/A	EUT
		A			
	(9		ÝC	

Item	Shielded Type	Ferrite Core	Length	Note
Y			YC	YC

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in ^rLength ^a column.
- (3) "YES" means "shielded" "with core"; "NO" means "unshielded" "without core".



Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China

FAX



- Page 9 of 23 -



2.5 MEASUREMENT INSTRUMENTS LIST

2.6 CONDUCTED TEST SITE

Radiation Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibra tion period
1	LISN	R&S	ENV216	101334	Apr. 10,22	Apr. 9,23	1 year
2	LISN	SCHWARZBE CK	NNLK 8129	8129267	Apr. 10,22	Apr. 9,23	1 year
3	Pulse Limiter	SCHWARZBE CK	VTSD 9561F	9716	Apr. 10,22	Apr. 9,23	1 year
4	50Ω Switch	ANRITSU CORP	MP59B	6200983704	Apr. 10,22	Apr. 9,23	1 year
5	Test Cable	N/A	C01	N/A	Apr. 10,22	Apr. 9,23	1 year
6	Test Cable	N/A	C02	N/A	Apr. 10,22	Apr. 9,23	1 year
7	Test Cable	N/A	C03	N/A	Apr. 10,22	Apr. 9,23	1 year
8	EMI Test Receiver	R&S	ESCI	101318	Apr. 10,22	Apr. 9,23	1 year
9	Passive Voltage Probe	ESM01-Z3	R&S	100173	Apr. 10,22	Apr. 9,23	1 year
10	Triple-Loop Antenna	EVERFINE	LIA-2	11020016	Apr. 10,22	Apr. 9,23	1 year
11	Absorbing Clamp	R&S	MDS-21	100423	Apr. 10,22	Apr. 9,23	1 year

Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibra tion period
1	Bilog Antenna	TESEQ	CBL6111D	31437	Apr. 10,22	Apr. 9,23	1 year
2	Test Cable	N/A	R-01	N/A	Apr. 10,22	Apr. 9,23	1 year
3	Test Cable	N/A	R-02	N/A	Apr. 10,22	Apr. 9,23	1 year
4	EMI Test Receiver	Rohde&Schwa rz	ESVD	847312/008	Apr. 10,22	Apr. 9,23	1 year
5	Antenna Mast	EM	SC100_1	N/A	N/A	N/A	N/A
6	Turn Table	EM	SC100	060533	N/A	N/A	N/A
7	50Ω Switch	Anritsu Corp	MP59B	6200983705	Apr. 10,22	Apr. 9,23	1 year
8	Spectrum Analyzer	Aglient	E4407B	160400005	Apr. 10,22	Apr. 9,23	1 year

Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China





	-	_	

9	Horn Antenna	ЕМ	EM-AH-10180	2011071402	Apr. 10,22	Apr. 9,23	1 year
10	Amplifier	EM	EM-30180	060536	Apr. 10,22	Apr. 9,23	1 year

	Y				YO	
		Y		Y		Ý
			Y		Y	
9		Y		Y		Y
	Y				YC	

Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China

Tel: +(86)-0755-23728760 Fax: +(86)-0755-23728760



- Page 11 of 23 -

Report No. YCT2023SZ0216219F



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

		Class A	(dBuV)	Class I	B (dBuV)	
5		Quasi-peak	Average	Quasi-peak	Average	
	0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	
	0.50 -5.0	73.00	60.00	56.00	46.00	
	5.0 -30.0	73.00	60.00	60.00	50.00	

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

9

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz







YO









- Page 12 of 23 -



- 3.1.2 TEST PROCEDURE
- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 TEST SETUP



Note: 1.Support units were connected to second LISN. 2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.4 EUT OPERATING CONDITIONS

FAX

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China



3.1.5 TEST RESULTS

EUT :	oral irrigator	Model Name. :	M01
Temperature :	26 ℃	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2021-08-02
Test Mode :	Running	Phase :	L
Test Voltage :	AC 120V/60Hz		

Remark:

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



62.10

52.10

48.90

58.69

56.00

46.00

50.00

60.00

-10.98

-24.17

-24.91

-14.67

-17.22

-17.83

-33.37

-30.10

QP

AVG

AVG

QP

QP

AVG

AVG

QP

Ρ

P

P

P

P

P

🛣 Tel: +(86)-0755-23728760

0.2400

0.2400

0.3525

0.3615

0.5144

0.5144

21.7770

21.8985

39.39

16.20

12.77

32.84

28.24

17.63

6.75

20.02

11.73

11.73

11.22

11.18

10.54

10.54

9.88

9.88

51.12

27.93

23.99

44.02

38.78

28.17

16.63

29,90

Fax: +(86)-0755-23728760

5

6

7

8

9

10

11

12





.01.		oral irrig	ator		Ν	lodel N	lame.	:	M01	
emper	rature :	26 ℃			R	Relative Humidity :		54%		
ressur	re :	1010hPa	a		Т	Test Date :		2021-08	3-02	
est Mo	ode :	Running			P	hase :			N	
est Vo	oltage .	AC 120\	//60Hz							
Remar	·k·	10 1201								
2. Fact	eadings are tor = Inserti means All I	e Quasi-P on Loss Data have	Peak and + Cable e pass L	Average Loss. imit	e values			g		
.0.0 4										
									FCC Part15 (CE-Class B_QP
	15 Z								FCC Part15 (CE-Class B_AV
U	MM									
o	M	N. 9		_						
- 11 L		PMIKE all								
	•	WW				- 1				11
	Wing m	WWW IO	Wett Walk Walking	Mun Warten	Mary Mary Mary	helder der	Markanan Yannan	nun nun	hurnin	
	Wing w	www.	United States	Mun Marth	Monderson	with a start	My Manush	And and	have have have	
	Wing w	www.	United States	Mun Murth	Monger Mangary Monger Mangary (MHz)	handrenden der	man	May and	have a sold with the sold with	
0 0 0 0.0 0.150 No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	(MHz)	Margin (dB)	Detector	P/F	Remark	11 11 12 12 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10
0 0 0 0.0 0.150 No.	Frequency (MHz) 0.1548	Reading (dBuV) 19.72	Factor (dB) 12.90	Level (dBuV) 32.62	(MHz) Limit (dBuV) 55.74	Margin (dB) -23.12	Detector	P/F	Remark	11 11 11 11 12 10 10 11 10 11 10 11 10 10 10
0 0 0 0.0 0.150 No. 1 2	Frequency (MHz) 0.1548 0.1590	Reading (dBuV) 19.72 45.65	Factor (dB) 12.90 12.81	Level (dBuV) 32.62 58.46	(MHz) (MHz) 55.74 65.52	Margin (dB) -23.12 -7.06	Detector AVG QP	P/F P	Remark	11 11 12 12 12 12 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10
0 0 0 0.0 0.150 No. 1 2 3	Frequency (MHz) 0.1548 0.1590 0.1725	Reading (dBuV) 19.72 45.65 44.01	Factor (dB) 12.90 12.51	Level (dBuV) 32.62 56.52	(MHz) (MHz) Limit (dBuV) 55.74 65.52 64.84	Margin (dB) -23.12 -7.06 -8.32	Detector AVG QP QP	P/F P P	Remark	
0 0 0 0.0 0.150 No. 1 2 3 4	Frequency (MHz) 0.1548 0.1590 0.1725 0.1787	Reading (dBuV) 19.72 45.65 44.01 18.56	Factor (dB) 12.90 12.51 12.39	Level (dBuV) 32.62 58.46 56.52 30.95	(MHz) (MHz) 55.74 65.52 64.84 54.55	Margin (dB) -23.12 -7.06 -8.32 -23.60	Detector AVG QP QP AVG	P/F P P P	Remark	
0 0 0 0.0 0.150 No. 1 2 3 4 5	Frequency (MHz) 0.1548 0.1590 0.1725 0.1787 0.2175	Reading (dBuV) 19.72 45.65 44.01 18.56 42.09	Factor (dB) 12.90 12.39 11.84	Level (dBuV) 32.62 58.46 56.52 30.95 53.93	(MHz) (MHz) Limit (dBuV) 55.74 65.52 64.84 54.55 62.91	Margin (dB) -23.12 -7.06 -8.32 -23.60 -8.98	Detector AVG QP AVG QP	P/F P P P P P	Remark	31
0 0 0 0 0.0 0.150 No. 1 2 3 4 5 6	Frequency (MHz) 0.1548 0.1590 0.1725 0.1787 0.2175 0.2175	Reading (dBuV) 19.72 45.65 44.01 18.56 42.09 15.83	Factor (dB) 12.90 12.81 12.51 12.39 11.84 11.84	Level (dBuV) 32.62 58.46 56.52 30.95 53.93 27.67	(MHz) (MHz) Limit (dBuV) 55.74 65.52 64.84 54.55 62.91 52.91	Margin (dB) -23.12 -7.06 -8.32 -23.60 -8.98 -25.24	Detector AVG QP AVG	P/F P P P P P P P P P P	Remark	31
0 0 0 0 0.0 0.150 No. 1 2 3 4 5 6 7	Frequency (MHz) 0.1548 0.1590 0.1725 0.1787 0.2175 0.2175 0.2175 0.2670	Reading (dBuV) 19.72 45.65 44.01 18.56 42.09 15.83 38.27	Factor (dB) 12.90 12.81 12.51 12.39 11.84 11.84 11.61	Level (dBuV) 32.62 58.46 56.52 30.95 53.93 27.67 49.88	(MHz) Limit (dBuV) 55.74 65.52 64.84 54.55 62.91 52.91 61.21	Margin (dB) -23.12 -7.06 -8.32 -23.60 -8.98 -25.24 -11.33	Detector AVG QP AVG QP AVG QP	P/F P P P P P P P P P P P P P	Remark	31
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Frequency (MHz) 0.1548 0.1590 0.1725 0.1787 0.2175 0.2175 0.2670 0.2670	Reading (dBuV) 19.72 45.65 44.01 18.56 42.09 15.83 38.27 13.76	Factor (dB) 12.90 12.81 12.51 12.39 11.84 11.84 11.61 11.61	Level (dBuV) 32.62 58.46 56.52 30.95 53.93 27.67 49.88 25.37	(MHz) (MHz) Limit (dBuV) 55.74 65.52 64.84 54.55 62.91 52.91 61.21 51.21	Margin (dB) -23.12 -7.06 -8.32 -23.60 -8.98 -25.24 -11.33 -25.84	Detector AVG QP AVG QP AVG QP AVG	P/F P P P P P P P P P P P P P P P P	Remark	31
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Frequency (MHz) 0.1548 0.1590 0.1725 0.1787 0.2175 0.2175 0.2175 0.2670 0.2670 0.2670 0.5144	Reading (dBuV) 19.72 45.65 44.01 18.56 42.09 15.83 38.27 13.76 29.94	Factor (dB) 12.90 12.81 12.51 12.39 11.84 11.84 11.61 11.61 10.54	Level (dBuV) 32.62 58.46 56.52 30.95 53.93 27.67 49.88 25.37 40.48	(MHz) (MHz) Limit (dBuV) 55.74 65.52 64.84 54.55 62.91 52.91 61.21 51.21 56.00	Margin (dB) -23.12 -7.06 -8.32 -23.60 -8.98 -25.24 -11.33 -25.84 -15.52	Detector AVG QP AVG QP AVG QP	P/F P P P P P P P P P P P P P P P P P P	Remark	
0 0 0 0.0 0.150 No. 1 2 3 4 5 6 7 8 9 10	Frequency (MHz) 0.1548 0.1590 0.1725 0.1787 0.2175 0.2175 0.2175 0.2670 0.2670 0.5144 0.5155	Reading (dBuV) 19.72 45.65 44.01 18.56 42.09 15.83 38.27 13.76 29.94 15.19	Factor (dB) 12.90 12.81 12.51 12.39 11.84 11.84 11.61 11.61 10.54 10.54	Level (dBuV) 32.62 58.46 56.52 30.95 53.93 27.67 49.88 25.37 40.48 25.73	(MHz) (MHz) Limit (dBuV) 55.74 65.52 64.84 54.55 62.91 52.91 61.21 51.21 51.21 56.00 46.00	Margin (dB) -23.12 -7.06 -8.32 -23.60 -8.98 -25.24 -11.33 -25.84 -15.52 -20.27	Detector AVG QP AVG QP AVG QP AVG QP	P/F P P P P P P P P P P P P P P P P P P	Remark	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 3 4 5 6 7 8 9 10 11 11	Frequency (MHz) 0.1548 0.1590 0.1725 0.1787 0.2175 0.2175 0.2175 0.2175 0.2175 0.2670 0.2670 0.2670 0.5144 0.5155 21.7545	Reading (dBuV) 19.72 45.65 44.01 18.56 42.09 15.83 38.27 13.76 29.94 15.19 19.24	Factor (dB) 12.90 12.81 12.51 12.39 11.84 11.61 11.61 11.61 10.54 9.88 0.000	Level (dBuV) 32.62 58.46 56.52 30.95 53.93 27.67 49.88 25.37 40.48 25.73 29.12	(MHz) (MHz) (MHz) (MHz) 55.74 65.52 64.84 54.55 62.91 52.91 61.21 51.21 51.21 56.00 46.00 60.00	Margin (dB) -23.12 -7.06 -8.32 -23.60 -8.98 -25.24 -11.33 -25.84 -15.52 -20.27 -30.88	Detector AVG QP AVG QP AVG QP AVG QP	P/F P P P P P P P P P P P P P P P P P P	Remark	



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

	Class A (at 10m)	Class B (at 3m)
	dBuV/m	dBuV/m
30 ~ 88	39.0	40.0
88 ~ 216	43.5	43.5
216 ~ 960	46.5	46.0
Above 960	49.5	54.0

Notes:

- (1) The limit for radiated test was performed according to as following: FCC PART 15B /ICES-003.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).



3.2.2 TEST PROCEDURE

- a. The measuring distance of at 10 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured, above 1G Average detector mode will be instead.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP(AV) Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item -EUT Test Photos.





- Page 16 of 23 -





3.2.3 TEST SETUP





(B) Radiated Emission Test Set-Up Frequency Above 1GHz



3.2.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.





EUT :	oral irrigator	Model Name :	M01
Temperature :	24 ℃	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-08-02
Test Mode :	Running	Polarization :	Horizontal
Test Power :	AC 120V/60Hz		
	YLV	Y L	

Remark:

1. All readings are Quasi-Peak and Average values.

- 2. Factor = Antenna Factor + Cable Loss.
- 3. N/A means All Data have pass Limit





No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	219.4598	50.80	-19.01	31.79	46.00	-14.21	QP				
2	245.9509	55.48	-17.51	37.97	46.00	-8.03	QP	2			
3	282.9852	60.08	-16.56	43.52	46.00	-2.48	QP				
4	349.2500	52.59	-18.79	33.80	46.00	-12.20	QP				
5	541.3725	47.90	-12.46	35.44	46.00	-10.56	QP				
6	1000.0000	43.89	-6.87	37.02	54.00	-16.98	QP				







EUT :oral irrigatorTemperature :24 °C			ator		N	Model Name : M01							
				Relative Humidity :			dity :	54%					
Pressu	re :	1010 hF	Pa		Т	est Da	te :		2021-0	8-02	U		
Test M	ode :	Running)		P	olariza	ation :	ľ	Vertica	I			
Test Po	ower :	AC 120	V/60Hz										
Remar I. All re 2. Fact 3. N/A 80.0 d	ˈkː eadings are tor = Anteni means All I IBuV/m	e Quasi-F na Facto Data hav	Peak and r + Cable e pass L	d Average e Loss. Limit	e values			9					
70 <u> </u>				2									
			8	2			FC	C Part15 I	RE-Class E	3_30- <mark>14</mark>	980)HH26	18	
io				5.4 2.4		1	-						
				3		-	4		5			6	
,0 —					2		Ĭ		Ť			1	
						N						M	
			5	n	MI						1	M	
20	man	Mm	A		- My		MA MAR	1		Mrth	~ WWW		
10 <u> </u>	m mm	ww l	γVΨ			1 Mg	W.	ANA IN	00.64				
0.0													
30.000		60	. 1	00	(MHz)				500)		10	
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Rema	rk	
1	136.6993	54.00	-21.38	32.62	43.50	-10.88	QP						
2	146.6304	54.81	-21.15	33.66	43.50	-9.84	QP	6					
3	161. <mark>47</mark> 42	53.16	-20.78	32.38	43.50	-11.12	QP						
4	243.8043	61.90	-21.59	40.31	46.00	-5.69	QP	8					
	504 7062	53.61	-13.40	40.21	46.00	-5.79	QP						

Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China



- Page 19 of 23 -

Report No. YCT2023SZ0216219F



3.2.6 TEST RESULTS(Above 1GHz)

EUT :	oral irrigator	Model Name :	M01
Temperature :	24 ℃	Relative Humidity:	54%
Pressure :	N/A	Test Date :	N/A
Test Mode :	N/A	Polarization :	N/A
Test Power :	N/A		



Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China

Tel: +(86)-0755-23728760 Fax: +(86)-0755-23728760



- Page 20 of 23 -



3.2.7. LABELING REQUIREMENTS

(a) In addition to the requirements in part 2 of this chapter, a device subject to certification, or Supplier's Declaration of Conformity shall be labeled as follows:

(1) Receivers associated with the operation of a licensed radio service, e.g., FM broadcast under part 73 of this chapter, land mobile operation under part 90 of this chapter, etc., shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

(2) A stand-alone cable input selector switch, shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules for use with cable television service.

(3) All other devices shall bear the following statement in a conspicuous location on the device: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

(4) Where a device is constructed in two or more sections connected by wires and marketed together, the statement specified under paragraph (a) of this section is required to be affixed only to the main control unit.

(5) When the device is so small or for such use that it is impracticable to label it with the statement specified under paragraph (a) of this section in a font that is four-point or larger, and the device does not have a display that can show electronic labeling, then the information required by this paragraph shall be placed in the user manual and must also either be placed on the device packaging or on a removable label attached to the device.

(b)-(c) [Reserved]

(d) Consumer electronics TV receiving devices, including TV receivers, videocassette recorders, and similar devices, that incorporate features intended to be used with cable television service, but do not fully comply with the technical standards for cable ready equipment set forth in §15.118, shall not be marketed with terminology that describes the device as "cable ready" or "cable compatible," or that otherwise conveys the impression that the device is fully compatible with cable service. Factual statements about the various features of a device that are intended for use with cable service or the quality of such features are acceptable so long as such statements do not imply that the device is fully compatible with cable service. Statements relating to product features are generally acceptable where they are limited to one or more specific features of a device, rather than the device as a whole. This requirement applies to consumer TV receivers, videocassette recorders and similar devices manufactured or imported for sale in this country on or after October 31, 1994.



This device complies with part 15 of the FCC Rules for use with cable television service.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Shenzhen Yacetong Testing Technology Services Co., Ltd. Address: Room 310, No.12, Tongfu Industrial Zone, Xinhe Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China



FAX





Report No. YCT2023SZ0216219F













RE TEST SETUP PHOTO















Tel: +(86)-0755-23728760 Fax: +(86)-0755-23728760