

Applicant: Jiangxi EQi Industrial Co., Ltd.

Product: Household electric treadmill

Model No.: T4011, T4303, T4218, N3601, CS-WP8, CS-WP9

Trademark: EQI

Test Standards: FCC Part 15.249

Test result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.10 &FCC Part 15 Subpart C,

Paragraph 15.249 regulations for the evaluation electromagnetic compatibility

Approved By

Terry Tang

Manager

Dated: October 10, 2022

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

## SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China

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# **Special Statement:**

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

### **CNAS-LAB Code: L2292**

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of testing Laboratories.

### FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

### Industry Canada (IC) — Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

### A2LA (Certification Number: 5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

Date: 2022-10-10



# **Test Report Conclusion**

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11.0

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#### 1.0 General Details

#### 1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.

Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le

Village, Nanshan District, Shenzhen, China

Telephone: (755) 83448688 Fax: (755) 83442996

Site on File with the Federal Communications Commission – United Sates

Registration Number: 744189 For 3m Anechoic Chamber

### 1.2 Applicant Details

Applicant: Jiangxi EQi Industrial Co., Ltd.

Address: Luliang Road, Yining Town, Xiushui County, Jiujiang City, Jiangxi Province

Telephone: 0792-7990988

Fax: --

### 1.3 Description of EUT

Product: Household electric treadmill

Manufacturer: Jiangxi EQi Industrial Co., Ltd.

Address: Luliang Road, Yining Town, Xiushui County, Jiujiang City, Jiangxi Province

Trademark: EQI
Additional Trademark: N/A
Model Number: T4011

Additional Model Name T4303, T4218, N3601, CS-WP8, CS-WP9

Rating: 120V~, 60Hz, 8.4A, 735W

Modulation Type: GFSK (Bluetooth Low Energy)

Operation Frequency: 2402-2480MHz

Channel Separate: 2MHz
Channel Number: 40

Hardware Version: EFC-C-V3,2021-9-9

Software Version: T4011\_KM\_EQI\_20220917

Serial No.: B220906DA1MA

Antenna Designation PCB antenna with gain -0.58dBi Max (Get from the antenna specification)

### 1.4 Submitted Sample: 1 Samples

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1.5 Test Duration

2022-09-09 to 2022-10-10

1.6 Test Uncertainty

Conducted Emissions Uncertainty = 3.6dB

Radiated Emissions below 1GHz Uncertainty =4.7dB

Radiated Emissions above 1GHz Uncertainty =6.0dB

Conducted Power Uncertainty =6.0dB

Occupied Channel Bandwidth Uncertainty = 5%

Conducted Emissions Uncertainty = 3.6dB

Note: The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

1.7 Test Engineer

The sample tested by

Print Name: Andy Xing

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2.0 Test Equipment					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2022-07-15	2023-07-14
LISN	R&S	EZH3-Z5	100294	2022-07-18	2023-07-17
LISN	R&S	EZH3-Z5	100253	2022-07-18	2023-07-17
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2022-07-18	2023-07-17
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2022-07-15	2023-07-14
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18	2025-07-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2022-07-18	2024-07-17
Power meter	Anritsu	ML2487A	6K00003613	2022-07-18	2023-07-17
Power sensor	Anritsu	MA2491A	32263	2022-07-18	2023-07-17
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2022-07-18	2025-07-17
9*6*6 Anechoic			N/A	2022-07-26	2025-07-25
EMI Test Receiver	RS	ESVB	826156/011	2022-07-15	2023-07-14
EMI Test Receiver	RS	ESCS 30	834115/006	2022-07-15	2023-07-14
Spectrum	HP/Agilent	E4407B	MY50441392	2022-07-15	2023-07-14
Spectrum	RS	FSP	1164.4391.38	2022-07-15	2023-07-14
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2022-07-15	2023-07-14
RF Cable	Zhengdi	7m		2022-07-15	2023-07-14
Pre-Amplifier	Schwarebeck	BBV9743	#218	2022-07-15	2023-07-14
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2022-07-15	2023-07-14
LISN	SCHAFFNER	NNB42	00012	2022-08-18	2023-07-17
ESPI Test Receiver	R&S	ESPI 3	100379	2022-07-15	2023-07-14
LISN	R&S	EZH3-Z5	100294	2022-07-18	2023-07-17

### 2.1 Automation Test Software

# For Conducted Emission Test

Name	Version		
EZ-EMC	Ver.EMC-CON 3A1.1		

### For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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#### 3.0 Technical Details

### 3.1 Summary of test results

The EUT has been tested according to the following specifications:

Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies
FCC Part 15, Paragraph 15.207	Conducted Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies

### 3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249, ANSI C63.4:2014 and ANSI C63.10:2013

### 4.0 EUT Modification

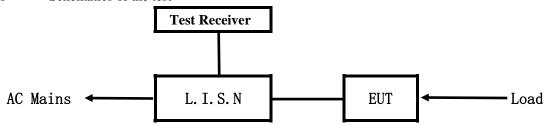
No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

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### 5. Power Line Conducted Emission Test

### 5.1 Schematics of the test

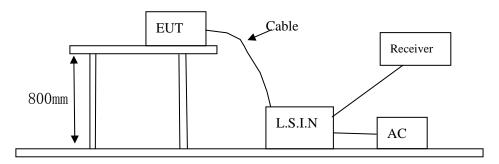


**EUT:** Equipment Under Test

### 5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10 –2013.

Test Voltage: 120V~~, 60Hz Block diagram of Test setup



### 5.3 Configuration of the EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

40 channels are provided to the EUT

### A. EUT

Device	Manufacturer	Model	FCC ID
		T4011, T4303,	
Household electric treadmill	Jiangxi EQi Industrial Co., Ltd.	T4218, N3601,	2A4NH-S5
		CS-WP8, CS-WP9	

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#### B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

### C. Peripherals

Device	Manufacturer	Model	Rating
N/A			

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10-2013

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Frequency	Limits (dB $\mu$ V)			
(MHz)	Quasi-peak Level	Average Level		
0.15 ~ 0.50	66.0~56.0*	56.0~46.0*		
$0.50 \sim 5.00$	56.0	46.0		
5.00 ~ 30.00	60.0	50.0		

Notes: 1. \*Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

5.6 Test Results:

Pass

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### A: Conducted Emission on Live Terminal (150kHz to 30MHz)

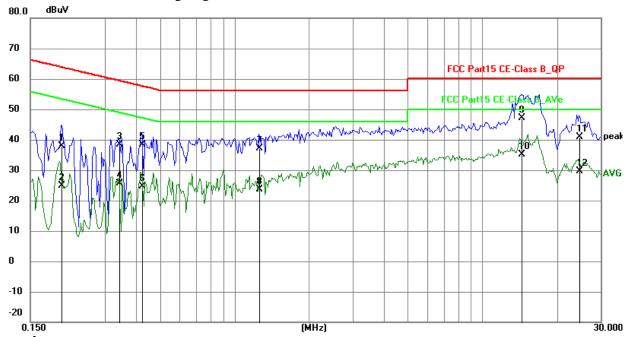
**EUT Operating Environment** 

Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

**EUT set Condition: Communication by BT** 

**Results: Pass** 

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2007	28.07	9.75	37.82	63.58	-25.76	QP	Р
2	0.2007	15.20	9.75	24.95	53.58	-28.63	AVG	Р
3	0.3410	28.51	9.76	38.27	59.18	-20.91	QP	Р
4	0.3410	15.97	9.76	25.73	49.18	-23.45	AVG	Р
5	0.4230	28.70	9.76	38.46	57.39	-18.93	QP	Р
6	0.4230	14.76	9.76	24.52	47.39	-22.87	AVG	Р
7	1.2576	27.35	9.79	37.14	56.00	-18.86	QP	Р
8	1.2576	13.92	9.79	23.71	46.00	-22.29	AVG	Р
9	14.4114	36.68	10.35	47.03	60.00	-12.97	QP	Р
10	14.4114	24.83	10.35	35.18	50.00	-14.82	AVG	Р
11	24.6138	29.86	10.97	40.83	60.00	-19.17	QP	Р
12	24.6138	18.57	10.97	29.54	50.00	-20.46	AVG	Р

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### B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

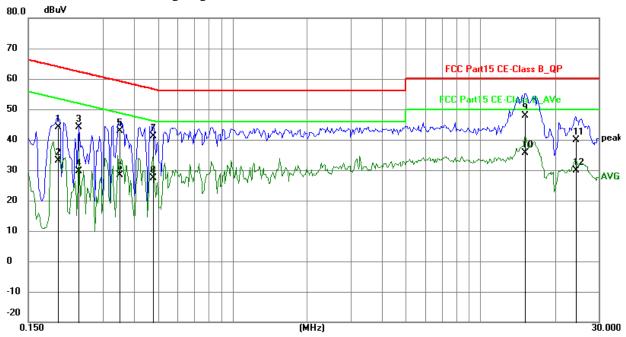
**EUT Operating Environment** 

Temperature: 25°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

**EUT set Condition: Communication by BT** 

**Results: Pass** 

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1968	34.38	9.75	44.13	63.74	-19.61	QP	Р
2	0.1968	23.28	9.75	33.03	53.74	-20.71	AVG	Р
3	0.2397	34.40	9.75	44.15	62.11	-17.96	QP	Р
4	0.2397	19.96	9.75	29.71	52.11	-22.40	AVG	Р
5	0.3489	33.03	9.76	42.79	58.99	-16.20	QP	Р
6	0.3489	18.68	9.76	28.44	48.99	-20.55	AVG	Р
7	0.4776	31.40	9.77	41.17	56.38	-15.21	QP	Р
8	0.4776	17.58	9.77	27.35	46.38	-19.03	AVG	Р
9	15.0900	37.40	10.39	47.79	60.00	-12.21	QP	Р
10	15.0900	25.21	10.39	35.60	50.00	-14.40	AVG	Р
11	24.1926	29.02	10.94	39.96	60.00	-20.04	QP	Р
12	24.1926	18.95	10.94	29.89	50.00	-20.11	AVG	Р

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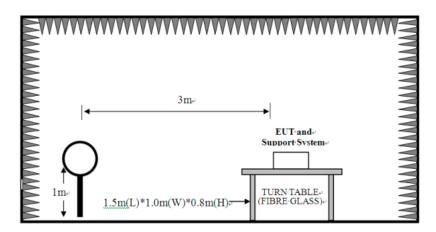


#### **6** Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz (Note: for Fundamental frequency radiated emission measurement, RBW=3MHz, VBW=10MHz). Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

### **Block diagram of Test setup**

For radiated emissions from 9kHz to 30MHz



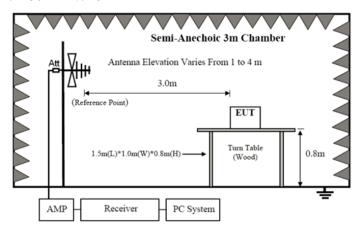
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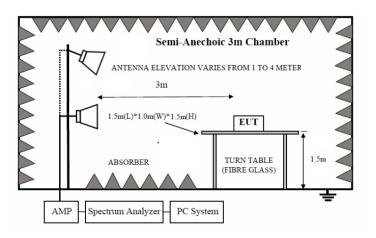
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For radiated emissions from 30MHz to1GHz



For radiated emissions above 1GHz



- 6.2 Configuration of The EUT

  Same as section 5.3 of this report
- 6.3 EUT Operating Condition

  Same as section 5.4 of this report.

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### 6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

### A FCC Part 15 Subpart C Paragraph 15.249(a) Limit

Fundamental Frequency	Field Strength of Fundamental (3m)			Field S	trength of Harmo	onics (3m)
(MHz)	mV/m	dBuV/m		uV/m	dBu	V/m
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

Note:

- 1. RF Field Strength (dBuV) = 20 log RF Voltage (uV)
- 2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
- 3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

### B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

Frequency Range (MHz)	Distance (m)	Field strength (dB $\mu$ V/m)
0.009-0.490	3	20log(2400/F(kHz)) +40log (300/3)
0.490-1.705	3	20log(24000/F(kHz)) +40log (30/3)
1.705-30	3	69.5
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

- 1. RF Voltage  $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 2. In the Above Table, the tighter limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
- 4. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.
- 5. For radiated emissions from 9kHz to 30MHz, the emission level is much less than the limit for more than 20dB. No necessary to take down the record.

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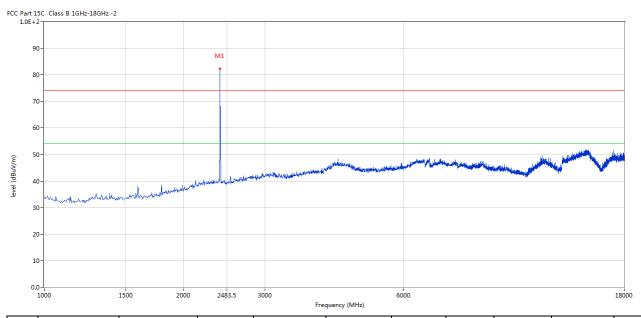


### 6.5 Test result

## A Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2402MHz

#### Horizontal



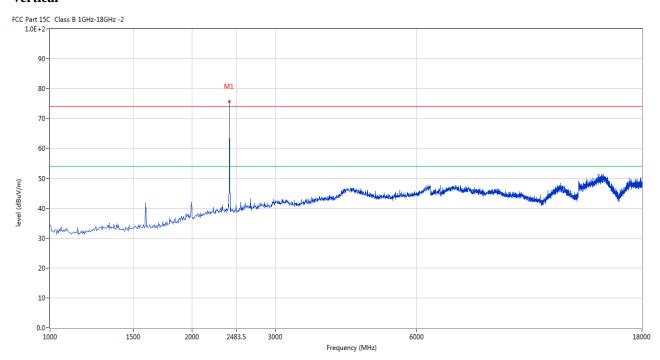
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	82.20	-3.57	114.0	-31.80	Peak	0.00	100	Horizontal	Pass

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### Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	75.78	-3.57	114.0	-38.22	Peak	0.00	100	Vertical	Pass

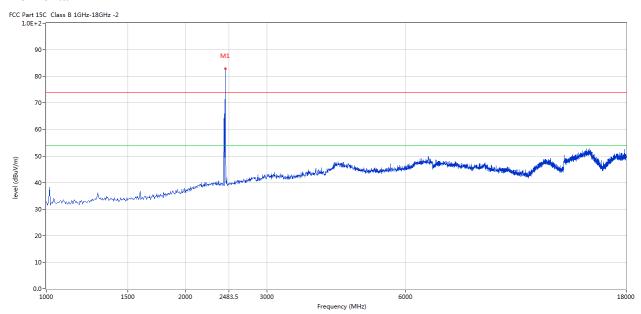
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Please refer to the following test plots for details: Middle Channel-2440MHz

#### **Horizontal**



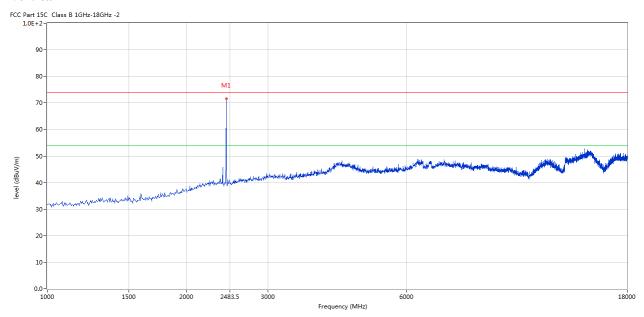
No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440	82.80	-3.57	114.0	-31.20	Peak	0.00	100	Horizontal	Pass

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### Vertical



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440	71.63	-3.57	114.0	-42.37	Peak	0.00	100	Vertical	Pass

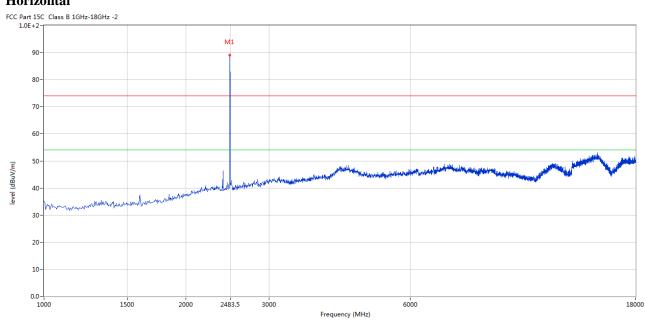
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Please refer to the following test plots for details: High Channel-2480MHz

#### Horizontal



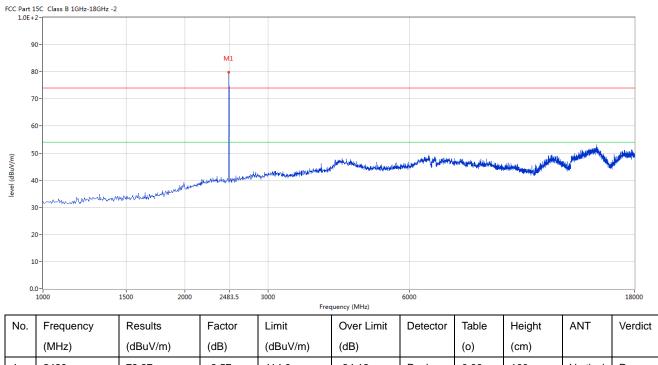
Ī	No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
	1	2480	89.02	-3.57	114.0	-24.98	Peak	0.00	100	Horizontal	Pass

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### Vertical



0.00 Pass 2480 79.87 -3.57 114.0 -34.13 100 Vertical Peak

Note: (2) Emission Level = Reading Level + Antenna Factor + Cable Loss-Amplifier

- (3) Margin=Emission-Limits
- (4) According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) For test purpose, keep EUT continuous transmitting
- (5) For emission above 18GHz and Below 30MHz, It is only the floor noise. No necessary to take down.
- (6) the measured PK value less than the AV limit.

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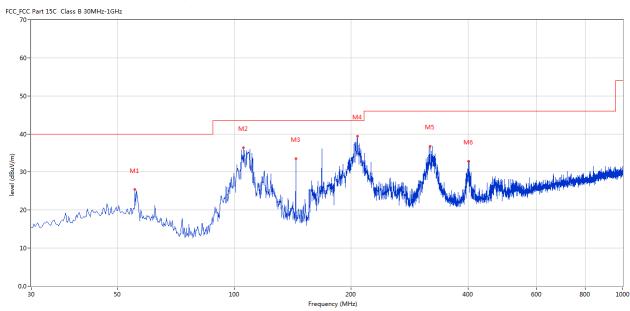


# B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

**Results:** Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	55.456	25.38	-11.89	40.0	-14.62	Peak	224.00	100	Horizontal	Pass
2	105.399	36.39	-13.25	43.5	-7.11	Peak	308.00	100	Horizontal	Pass
3	143.947	33.52	-17.10	43.5	-9.98	Peak	268.00	100	Horizontal	Pass
4	207.466	39.45	-13.68	43.5	-4.05	Peak	352.00	100	Horizontal	Pass
5	318.988	36.83	-10.64	46.0	-9.17	Peak	315.00	100	Horizontal	Pass
6	400.690	32.84	-8.59	46.0	-13.16	Peak	137.00	100	Horizontal	Pass

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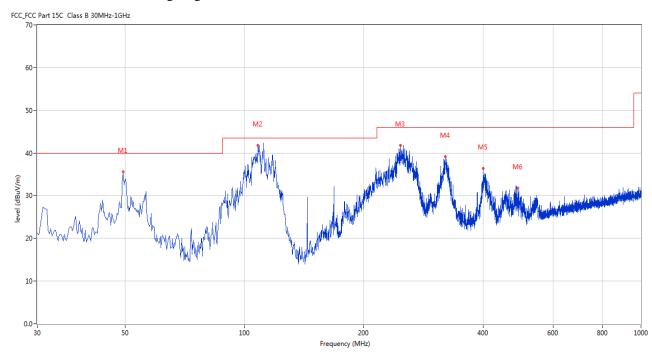


### Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

**Results:** Pass

Please refer to following diagram for individual



No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	49.395	35.57	-11.28	40.0	-4.43	Peak	264.00	100	Vertical	Pass
2	108.065	41.77	-13.42	43.5	-1.73	Peak	143.00	100	Vertical	Pass
3	246.983	41.75	-12.11	46.0	-4.25	Peak	360.00	200	Vertical	Pass
4	321.412	39.12	-10.54	46.0	-6.88	Peak	360.00	200	Vertical	Pass
5	400.205	36.34	-8.58	46.0	-9.66	Peak	329.00	100	Vertical	Pass
6	488.938	31.75	-7.21	46.0	-14.25	Peak	329.00	100	Vertical	Pass

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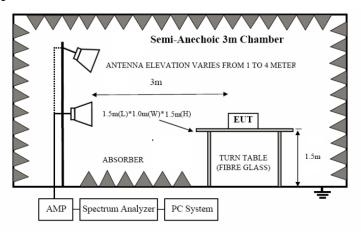


### 7. Band Edge

### 7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10–2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) Set Spectrum as RBW=1MHz, VBW=3MHz and Peak detector used for PK value. RBW=1MHz, VBW=10Hz and Peak detector used for AV value.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

### 7. 2 Radiated Test Setup



For the actual test configuration, please refer to the related items – Photos of Testing

### 7.3 Configuration of The EUT

Same as section 5.3 of this report

### 7.4 EUT Operating Condition

Same as section 5.4 of this report.

### 7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

The report refers only to the sample tested and does not apply to the bulk.

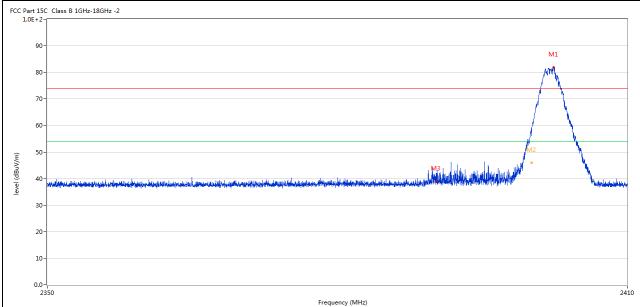
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### 7.6 Test Result

Product:	Household electric treadmill	Polarity	Horizontal
Mode	Keeping Transmitting	Test Voltage	120V~
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass		



No	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402.322	81.90	-3.57	74.0	7.90	Peak	0.00	100	Horizontal	N/A
2	2400.012	56.03	-3.57	74.0	-17.97	Peak	0.00	100	Horizontal	Pass
2**	2400.012	45.98	-3.57	54.0	-8.02	AV	0.00	100	Horizontal	Pass
3	2390.070	38.70	-3.53	74.0	-35.30	Peak	0.00	100	Horizontal	Pass

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]	Product:	Но	usehold ele	ectric treadmi	11	Detecto	r	V	ertical	
	Mode		Keeping Tr	ransmitting		Test Volta	ige	1	20V~	
Те	mperature		24 de	eg. C,		Humidit	y	50	5% RH	
Te	est Result:		Pa	ass						
CC Part 1	15C Class B 1GHz-18GHz	-2								
0	10-									
9										
8	30-							М	1	
7	70-							^å	<b>M</b>	
6	50-								$\overline{}$	
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3 2 2 1	0-			Fr	equency (MHz)			Height (cm)		2410
3 3 2 2 1 1 O.	0- 0- 0- 2350	Results	Factor	Fr Limit	equency (MHz)  Over Limit		Table	_		2410
E/(nngp) 4  3  2  1	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	equency (MHz)  Over Limit (dB)	Detector	Table (o)	(cm)	ANT	2410 Verdic

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]	Product:	Но	usehold el	lectric treadn	nill	Polar	ity	,	Horizontal	
	Mode		Keeping 7	Гransmitting		Test Vo	ltage		120V~	
Te	mperature		24 d	leg. C,		Humid	lity		56% RH	
Те	est Result:		P	Pass						
C Part 1 1.0E+	L5C Class B 1GHz-18GHz 2-	-2								
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8	50-			"\\						
7	70-									
-	60-		A.	16						
c		1	urr.	"h.						
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_	60-	ii sahin dada ki	<u></u>	M2	Manage and a second	1	hadiga dha a dha gadh	Mariph Language Major Major Pologo		Majahasir
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3		izvedek de		2483.		And an individual spectra and a	holphigia dha halifan ya fan fabil	hapinapitapitapitapi	ne en la	2500
3 2 2 0	0-2470			1	; Frequency (MHz)					1
3 2 2 0	0	Results	Factor	Limit	Frequency (MHz)  Over Limit	Detector	Table	Height	ANT	1
3 2 2 1 1 No.	Frequency (MHz)	Results (dBuV/m)	(dB)	Limit (dBuV/m)	Frequency (MHz)  Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdic
3 3 2 2 1 1 No.	Frequency (MHz) 2480.032	Results (dBuV/m) 88.48	(dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz)  Over Limit (dB)  14.48	Detector Peak	Table (o) 0.00	Height (cm)	ANT Horizontal	Verdic
(w/\ngp)   34	Frequency (MHz)	Results (dBuV/m)	(dB)	Limit (dBuV/m)	Frequency (MHz)  Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdi

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1	Product:	Но	usehold ele	ectric treadmi	11	Detecto	r	7	/ertical	
	Mode		Keeping T	ransmitting		Test Volta	ge	1	120V~	
Te	mperature		24 de	eg. C,		Humidit	y	5	6% RH	
Te	est Result:		Pa	ass						
C Part 1	LSC Class B 1GHz-18GHz	-2			•		•			
1.02+	2									
9	0-		M1							
8	0-		المريدام يداها	u.						
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5	0-		M)	M2						
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4	0-	a data sa da s	w/	M2 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	the state of the second second		and other sections		a a saiste a dhaigh a dhairt a a d	hr) diversal and
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3: 2: 1:	0-0-0-2470		40	2483.5 Fre	equency (MHz)					2500
4 3 2 1 0 .		Results	Factor	2483.5 Fre	equency (MHz)  Over Limit	Detector	Table	Height	ANT	2500
3 2 1 0.	0-0-0-2470		Factor (dB)	2483.5 Fre	equency (MHz)					
3: 2: 1:	0- 0- 0- 2470	Results		2483.5 Fre	equency (MHz)  Over Limit		Table	Height		2500

Note: The PK emission level less than the AV limit. No necessary to record the AV emission level.

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### 8.0 Antenna Requirement

### **Applicable Standard**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

This product has an PCB antenna. The antenna gain is -0.58dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Product:	roduct: Household electric treadmill			Test Mod	le:	Keep transmitting		,	
Mode Keeping Transm			mitting					age	
Temperature		24 deg. C, Pass 1.208MHz			Humidi		56% RH PK 		
Test Result:					Detecto				
OdB Bandwidth									
<u> </u>	Marker	1 [T1 n	ndB]	RBW	100 k	Hz Ri	F Att	40 dB	
Nef Lvl	ndB	20.	00 dB	VBW	300 k	Hz			
10 dBm	BW	1.208416	83 MHz	SWT	5 m	s U	nit	dBı	m
10					<b>v</b> <sub>1</sub>	[T1]	_	3.01 dBr	n
							2.4017	3848 GH2	Z
0			1		ndE	3	2	0.00 dB	1
		/			BW		1.2084	1683 MHz	
-10					$\nabla_{\mathrm{T}}$	[T1]	-2	<u>2.74 dBr</u> 8377 GHz	
					V <sub>T</sub> 2	2 [T1]	-2		
-20	7	/			T.	2	2.4025		Z
1MAX									1
-30						Lun	~~		
40							M	V.	
-50								Melone	٧
-60									
-70									
-80									$\ $
-90									
Center 2.40	2 GHz		300	kHz/			Sp	an 3 MHz	Z

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Product:	Household electric tre	admill	Test Mode:	Keep transmitting		
Mode	Keeping Transmitt	ing	Test Voltage	120V~		
Temperature	24 deg. C, Pass		Humidity	56% RH PK		
Test Result:			Detector			
20dB Bandwidth	1.208MHz			-		
Ref Lvl	Marker 1 [T1 nd		BW 100 kH:		40 dB	
10 dBm	BW 1.2084168		WT 5 ms	Unit	dBm	
10			<b>V</b> 1 [			
		L	1	T1] -1 2.43973	.28 dBm 848 GHz	
0		\	ndB	20	.00 dB	
			BW ▼ <sub>T1</sub>	1.20841 [T1] -21	683 MHz .50 dBm	
-10				2.43937		
	T		TT2	[T1] -21	.18 dBm	
-20 1MAX	<del>y</del>			2.44058	617 GHz <b>1MA</b>	
-30				\	IMA	
/	men			ham		
-40 Whun				•	mmedeen	
-50						
-60						
-70						
-80						
-90	4 GHz	300 kHz/		gna.	n 3 MHz	
	T.2022 13:36:40	300 KHZ/		5pa		

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Product:	Household electric treadmill	Test Mode:	Keep transmitting		
Mode	Keeping Transmitting	Test Voltage	120V~		
Temperature	24 deg. C,	Humidity	56% RH PK		
Test Result:	Pass	Detector			
20dB Bandwidth	1.214MHz				
Ref Lvl	Marker 1 [T1 ndB] ndB 20.00 dB	RBW 100 kHz VBW 300 kHz			
10 dBm	BW 1.21442886 MHz	SWT 5 ms	Unit dBm		
0	1	▼1 [1	71] -C.86 dBm A 2.47974449 GHz 20.00 dB 1.21442886 MHz		
-10	T		[T1] -21.03 dBm 2.47937776 GHz [T1] -21.06 dBm		
-20 1MAX			2.48059218 GHz		
-30			the same of the sa		
-40			a ramma		
-50					
-60					
-70					
-80					
-90 Center 2.48 GH Date: 9.0CT.20	z 300 k	Hz/	Span 3 MHz		

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### 10.0 FCC ID Label

#### FCC ID: 2A4NH-S5

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

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

### **Mark Location:**



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#### 11.0 Photo of testing

#### 11.1 Conducted test View--



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### Radiated emission test view



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#### 11.2 Photographs - EUT





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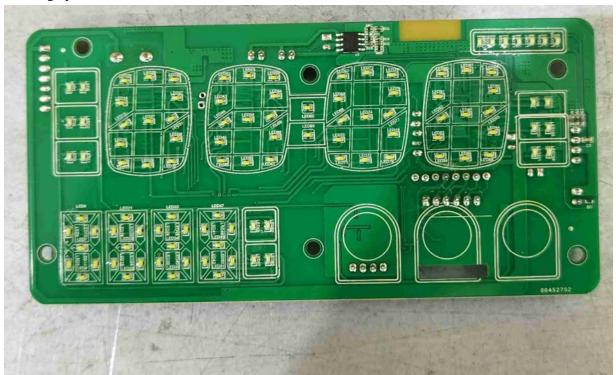
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### Photographs - EUT





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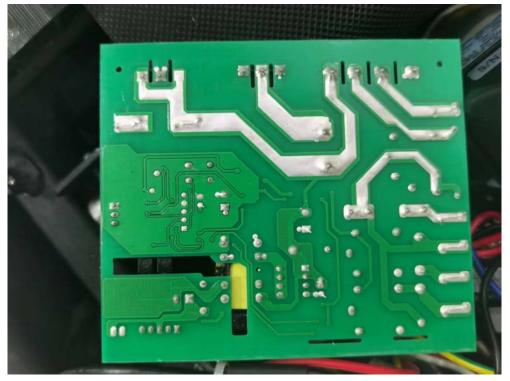
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### Photographs-EUT





-End of the Report--

The report refers only to the sample tested and does not apply to the bulk.

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