

FCC RF Test Report

Applicant: Shenzhen Yile Dynamic Technology Co., LTD.

Address of Applicant: 1205-1206, Tianliao Building, Tangchang Road, Tanglang Community, Taoyuan Street, Nanshan District, Shenzhen, China

Equipment Under Test (EUT)

Product Name: UREVO SP1 LITE Walking Treadmill

Model No.: URTM022

Trade mark: 

FCC ID: 2A8UT-URTM022

Applicable Standards: FCC CFR Title 47 Part 15C (§15.249)

Date of Sample Receipt: 28 Mar., 2023

Date of Test: 29 Mar., to 18 Apr., 2023

Date of Report Issue: 27 Apr., 2023

Test Result: PASS

Tested by:
Test Engineer**Date:**

27 Apr., 2023

Reviewed by:
Project Engineer**Date:**

27 Apr., 2023

Approved by:
Manager**Date:**

27 Apr., 2023

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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2 Version

Version No.	Date	Description
00	19 Apr., 2023	Original
01	25 Apr., 2023	Update page 3, 4, 10, 20, 21
02	27 Apr., 2023	Update page 20, 21

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4 General Information

4.1 Client Information

Applicant:	Shenzhen Yile Dynamic Technology Co., LTD.
Address:	1205-1206, Tianliao Building, Tangchang Road, Tanglang Community, Taoyuan Street, Nanshan District, Shenzhen, China
Manufacturer:	Shenzhen Yile Dynamic Technology Co., LTD.
Address:	1205-1206, Tianliao Building, Tangchang Road, Tanglang Community, Taoyuan Street, Nanshan District, Shenzhen, China
Factory:	NINGBO LFLY HEALTH TECHNOLOGY CO., LTD.
Address:	No.3 Zouzhi Road, Samsung Industrial Area, Guolin, Yinzhou District, Ningbo, China

4.2 General Description of E.U.T.

Product Name:	UREVO SP1 LITE Walking Treadmill
Model No.:	URTM022
Operation Frequency:	2402 MHz-2480 MHz
Channel Numbers:	79
Modulation Type:	GFSK
Antenna Type:	PCB Antenna
Antenna Gain:	-8.11 dBi
Power Supply:	DC 3V (CR2025 battery)
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

4.3 Test Mode and Environment

Test Mode:	
Transmitting mode:	Keep the EUT in transmitting mode with modulation
Remark: The EUT was placed on three different polar directions tested: i.e. X axis, Y axis, Z axis, and found the test results are both the "worst case" and "worst setup": Y axis, so the report only reflects the test data of worst mode.	
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1010 mbar

4.4 Description of Support Units

N/A

4.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Radiated Emission (1GHz ~ 18GHz) (3m SAC)	3.6 dB
Radiated Emission (18GHz ~ 40GHz) (3m SAC)	5.34 dB
Radiated Emission (30MHz ~ 1GHz) (10m SAC)	3.7 dB
Remark: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.	

4.6 Additions to, Deviations, or Exclusions From the Method

No

4.7 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations: ● FCC - Designation No.: CN1211 JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551. ● ISED – CAB identifier.: CN0021 The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1. ● CNAS - Registration No.: CNAS L15527 JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527. ● A2LA - Registration No.: 4346.01 This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf
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4.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd. Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Email: info-JYTee@lets.com, Website: http://jyt.lets.com

4.9 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal.Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2024
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	02-09-2023	02-08-2024
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2021	07-01-2024
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	02-09-2023	02-08-2024
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	01-09-2023	01-08-2024
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	02-09-2023	02-08-2024
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	01-10-2023	01-09-2024
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	01-10-2023	01-09-2024
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	01-11-2023	01-10-2024
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	01-11-2023	01-10-2024
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-2	10-17-2022	10-16-2023
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-18-2023	01-17-2024
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-18-2023	01-17-2024
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG001-7	01-18-2023	01-17-2024
Coaxial Cable (9kHz ~ 30MHz)	JYT	JYT3M-1G-BB-5M	WXG001-6	01-18-2023	01-17-2024
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Radiated Emission(10m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
10m SAC	ETS	RFSD-100-F/A	WXJ090	04-28-2021	04-27-2024
BiConiLog Antenna	SCHWARZBECK	VULB 9168	WXJ090-1	01-17-2023	01-16-2024
BiConiLog Antenna	SCHWARZBECK	VULB 9168	WXJ090-2	01-10-2023	01-09-2024
EMI Test Receiver	R&S	ESR 3	WXJ090-3	01-10-2023	01-09-2024
EMI Test Receiver	R&S	ESR 3	WXJ090-4	01-11-2023	01-09-2024
Low Pre-amplifier	Bost	LNA 0920N	WXJ090-6	01-10-2023	01-09-2024
Low Pre-amplifier	Bost	LNA 0920N	WXJ090-7	01-10-2023	01-09-2024
Cable	Bost	JYT10M-1G-NN-10M	WXG002-7	01-18-2023	01-17-2024
Cable	Bost	JYT10M-1G-NN-10M	WXG002-8	01-18-2023	01-17-2024
Test Software	R&S	EMC32	Version: 10.50.40		

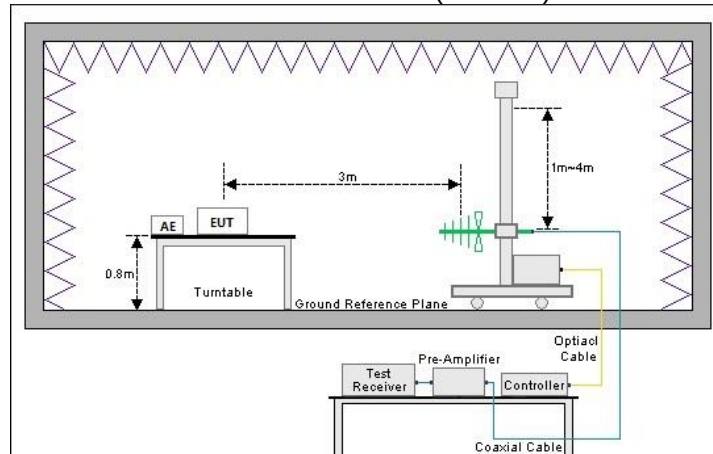
Conducted Method:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	01-10-2023	01-09-2024
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	01-10-2023	01-09-2024
Spectrum Analyzer	Keysight	N9010B	WXJ004-3	10-17-2022	10-16-2023
DC Power Supply	Keysight	E3642A	WXJ025-2	N/A	

5 Measurement Setup and Procedure

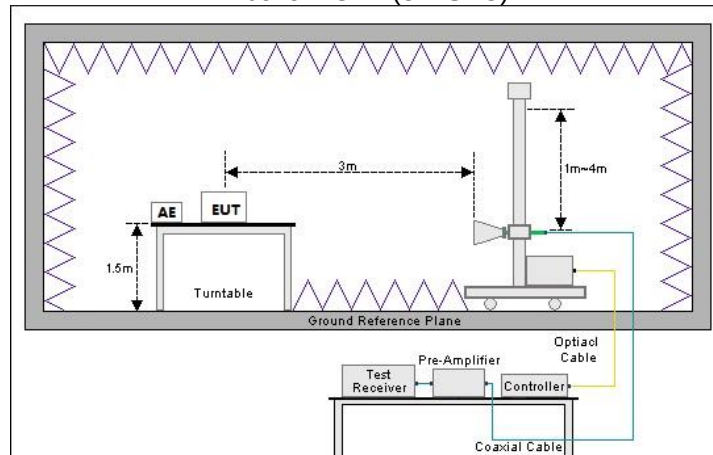
5.1 Test Setup

Radiated emission measurement:

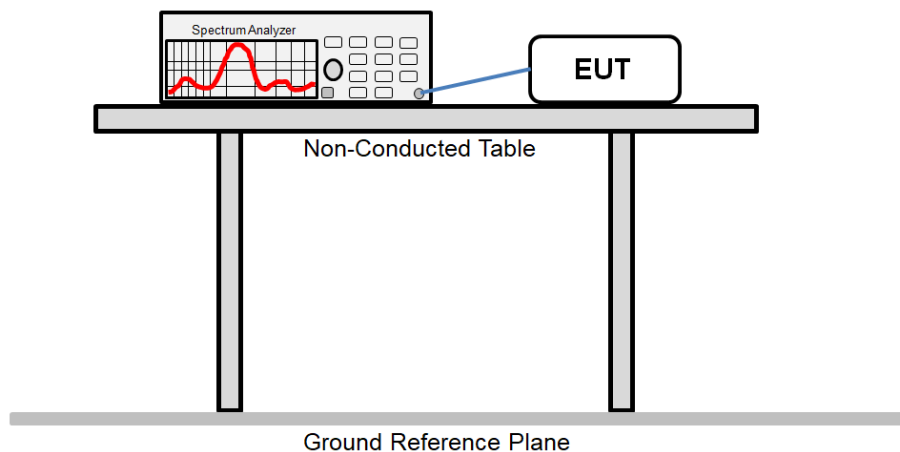
30 MHz – 1000 MHz (3m SAC)



Above 1 GHz (3m SAC)



Conducted test method:



5.2 Test Procedure

Test method	Test step
Radiated emission	1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	1. The antenna port of EUT was connected to the RF port of the spectrum analyzer through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. The test data is saved by the screenshot function of the spectrum analyzer.

6 Test Results

6.1 Summary

6.1.1 Clause and Data Summary

Test items	Standard clause	Test data	Result
Antenna Requirement	15.203	See Section 6.2	Pass
AC Power Line Conducted Emission	15.207	N/A	N/A
20dB Bandwidth	15.215	See Section 6.3	Pass
Field Strength of Fundamental	15.249	See Section 6.4	Pass
Field Strength of Spurious Emissions	15.209, 15.249	See Section 6.5	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard.			
Test Method:	ANSI C63.10-2013		

6.1.2 Test Limit

Test items	Limit																																						
20dB Bandwidth	Intentional radiators operating under the alternative provisions to the general emission limits, as contained in § 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. In the case of intentional radiators operating under the provisions of subpart E, the emission bandwidth may span across multiple contiguous frequency bands identified in that subpart. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.																																						
Field Strength of Fundamental Field Strength of Spurious Emissions	<table><thead><tr><th>Fundamental frequency</th><th>Field strength of fundamental (millivolts/meter)</th><th>Field strength of harmonics (microvolts/meter)</th></tr></thead><tbody><tr><td>902-928 MHz</td><td>50</td><td>500</td></tr><tr><td>2400-2483.5 MHz</td><td>50</td><td>500</td></tr><tr><td>5725-5875 MHz</td><td>50</td><td>500</td></tr><tr><td>24.0-24.25 GHz</td><td>250</td><td>2500</td></tr></tbody></table> (1) The above field strength limits are specified at a distance of 3 meters. (2) As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a) and (b) of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b) of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth. (3) The limits on the field strength of the spurious emissions in the above table are based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in § 15.209, whichever limit permits a higher field strength: <table><thead><tr><th>Frequency (MHz)</th><th>Limit (dBµV/m) @ 3m</th><th>Detector</th></tr></thead><tbody><tr><td>30 – 88</td><td>40.0</td><td>Quasi-peak</td></tr><tr><td>88 – 216</td><td>43.5</td><td>Quasi-peak</td></tr><tr><td>216 – 960</td><td>46.0</td><td>Quasi-peak</td></tr><tr><td>960 – 1000</td><td>54.0</td><td>Quasi-peak</td></tr></tbody></table> Note: The more stringent limit applies at transition frequencies. <table><thead><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBµV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th></tr></thead><tbody><tr><td>Above 1 GHz</td><td>54.0</td><td>74.0</td></tr></tbody></table> Note: The measurement bandwidth shall be 1 MHz or greater.	Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)	902-928 MHz	50	500	2400-2483.5 MHz	50	500	5725-5875 MHz	50	500	24.0-24.25 GHz	250	2500	Frequency (MHz)	Limit (dBµV/m) @ 3m	Detector	30 – 88	40.0	Quasi-peak	88 – 216	43.5	Quasi-peak	216 – 960	46.0	Quasi-peak	960 – 1000	54.0	Quasi-peak	Frequency	Limit (dBµV/m) @ 3m		Average	Peake	Above 1 GHz	54.0	74.0
Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)																																					
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Frequency	Limit (dBµV/m) @ 3m																																						
	Average	Peake																																					
Above 1 GHz	54.0	74.0																																					
NOTE: 1. Field Strength of Fundamental: RBW size:2 MHz; VBW size:10 MHz; 2. Field Strength of Spurious Emissions above 1 GHz: PK: RBW size:1 MHz VBW size:3 MHz detector: Peak Value, AV: RBW size:1 MHz VBW size:3 MHz detector: Average Value.																																							

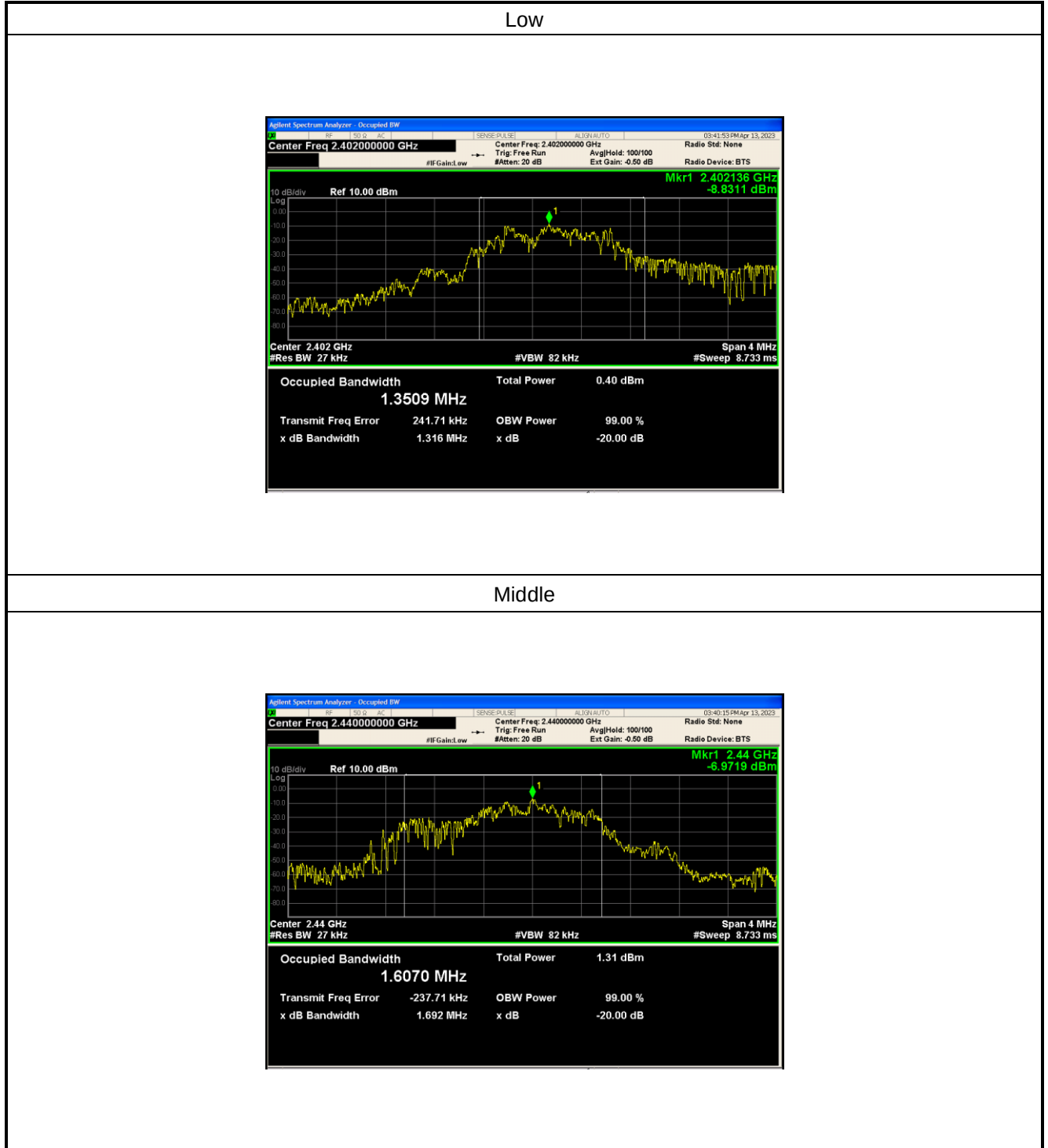
6.2 Antenna Requirement

Standard requirement:	FCC Part15 C Section 15.203
15.203 requirement: 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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
E.U.T Antenna:	The 2.4G antenna is an PCB antenna which cannot replace by end-user, the best case gain of the antenna is -8.11 dBi. See product internal photos for details.

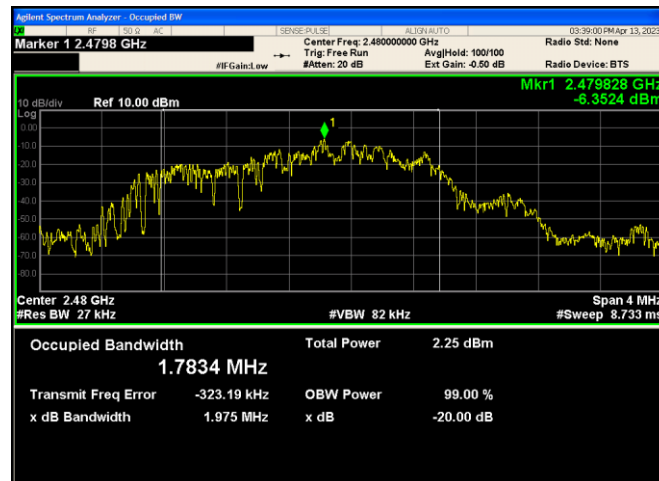
6.3 20dB Bandwidth

Frequency	20dB bandwidth (MHz)	Limit (MHz)	Results
Lowest	1.316	2400<within<2483.5	Pass
Middle	1.692	2400<within<2483.5	Pass
Highest	1.975	2400<within<2483.5	Pass

Test plot as follows:

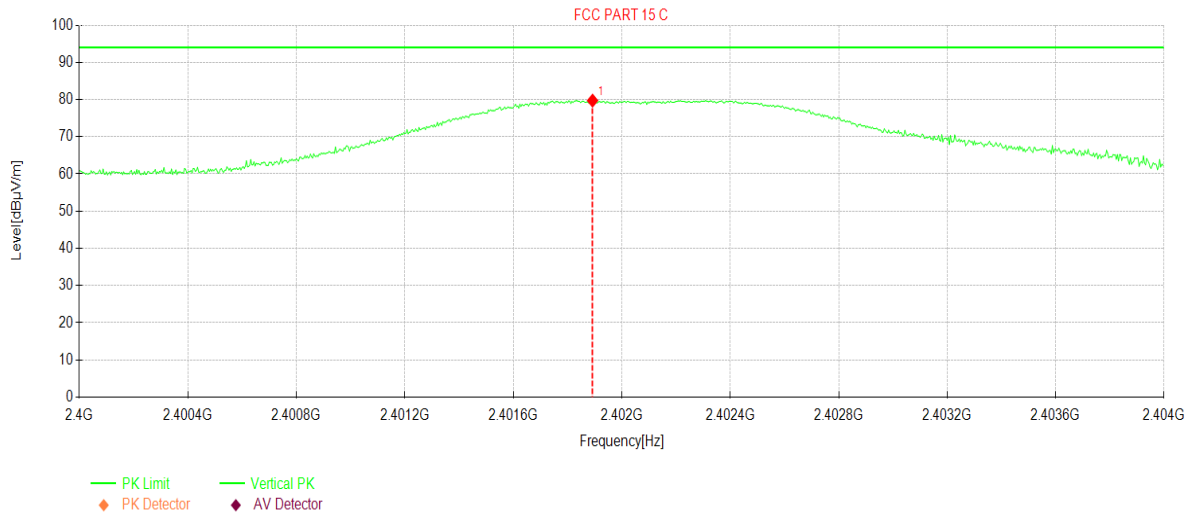


High



6.4 Field Strength of Fundamental

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2402 MHz	Polarization:	Vertical
Test Voltage:	DC 3V		



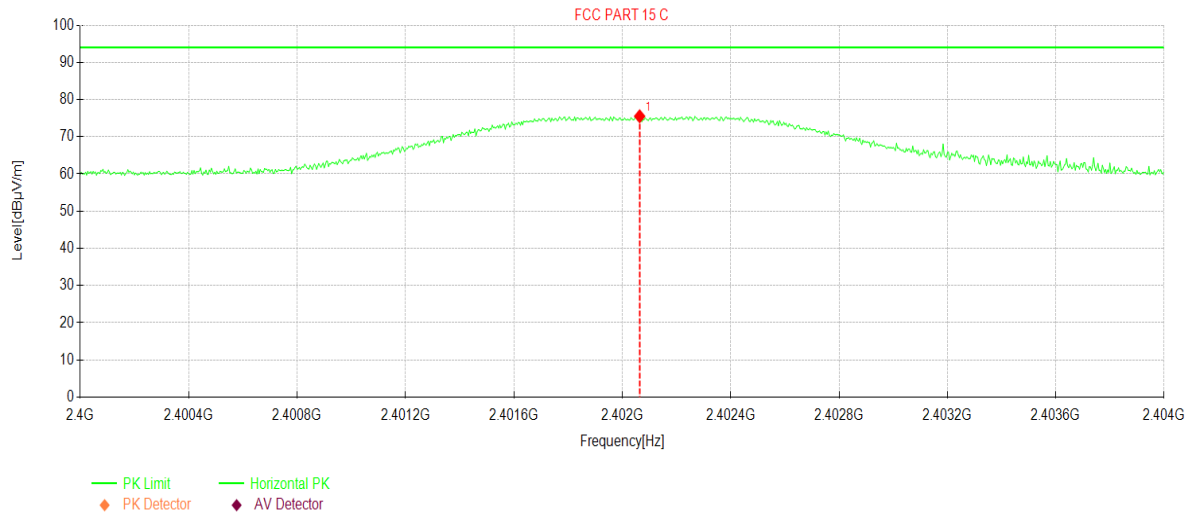
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2401.89	44.05	35.67	79.72	94.00	14.28	PK	Vertical

Remark:

- Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- PK Level is less than AV limit(94dBuV/m), Pass.

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2402 MHz	Polarization:	Horizontal
Test Voltage:	DC 3V		



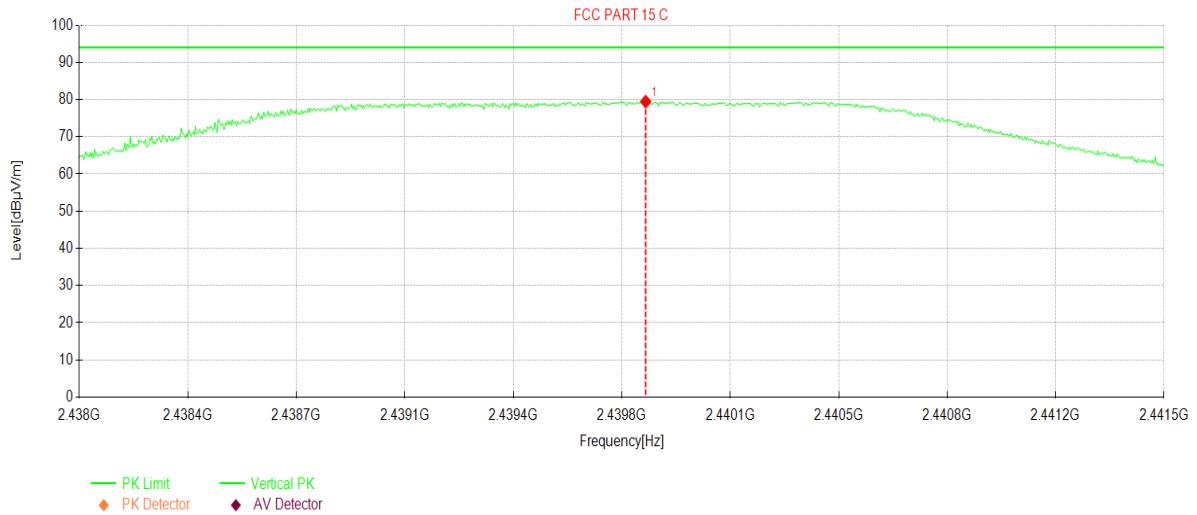
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2402.06	39.84	35.67	75.51	94.00	18.49	PK	Horizontal

Remark:

- Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- PK Level is less than AV limit(94dBuV/m), Pass.

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2440MHz	Polarization:	Vertical
Test Voltage:	DC 3V		



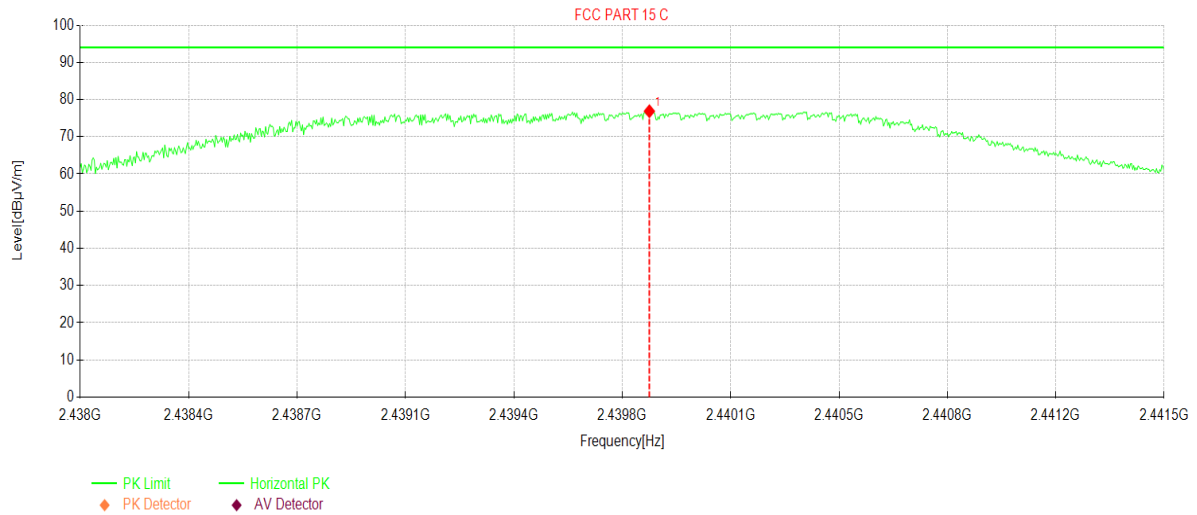
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2439.82	43.85	35.59	79.44	94.00	14.56	PK	Vertical

Remark:

- Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- PK Level is less than AV limit(94dBuV/m), Pass.

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2440 MHz	Polarization:	Horizontal
Test Voltage:	DC 3V		



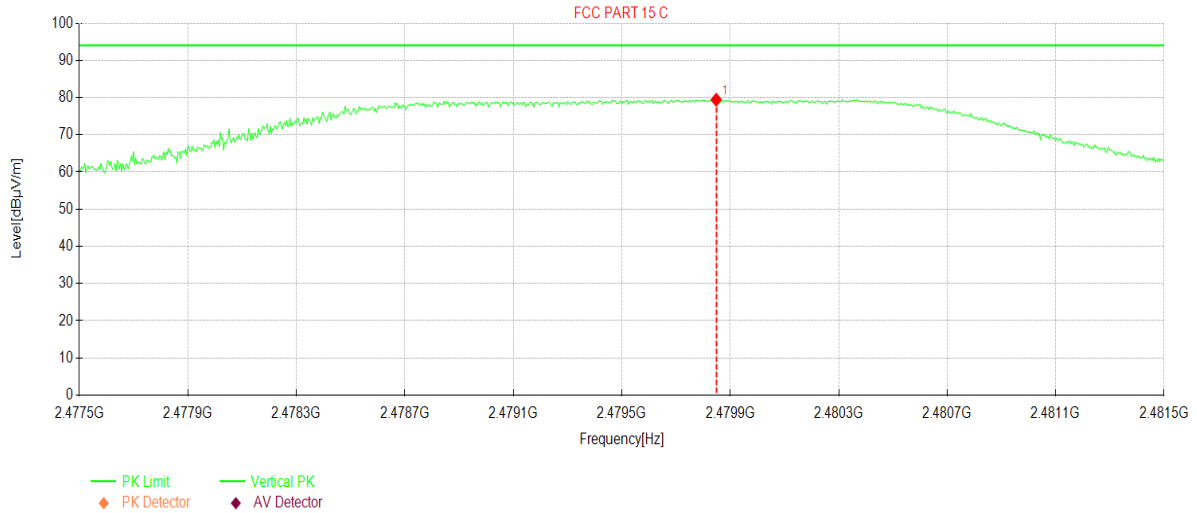
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2439.83	41.28	35.59	76.87	94.00	17.13	PK	Horizontal

Remark:

- Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- PK Level is less than AV limit(94dBuV/m), Pass.

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2480 MHz	Polarization:	Vertical
Test Voltage:	DC 3V		



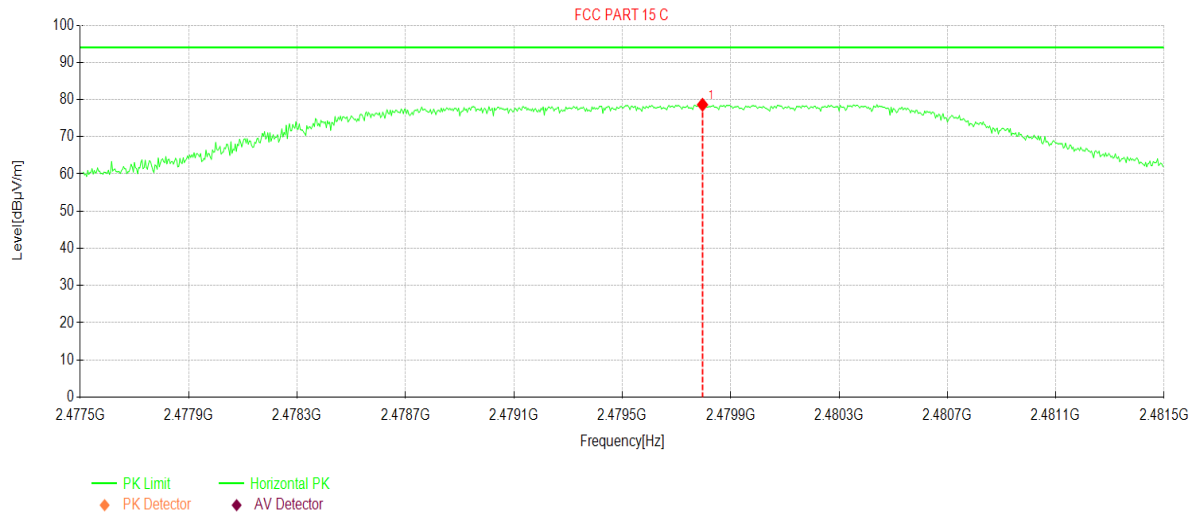
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2479.84	43.90	35.52	79.42	94.00	14.58	PK	Vertical

Remark:

- Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- PK Level is less than AV limit(94dBuV/m), Pass.

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2480 MHz	Polarization:	Horizontal
Test Voltage:	DC 3V		



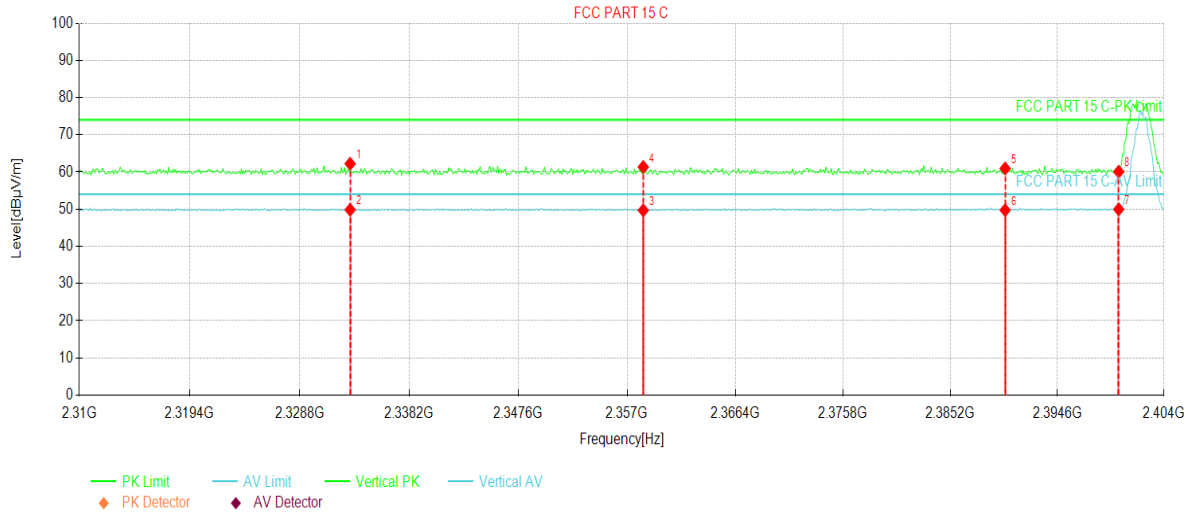
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2479.79	43.10	35.52	78.62	94.00	15.38	PK	Horizontal

Remark:

- Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- PK Level is less than AV limit(94dBuV/m), Pass.

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2402 MHz	Polarization:	Vertical
Test Voltage:	DC 3V		



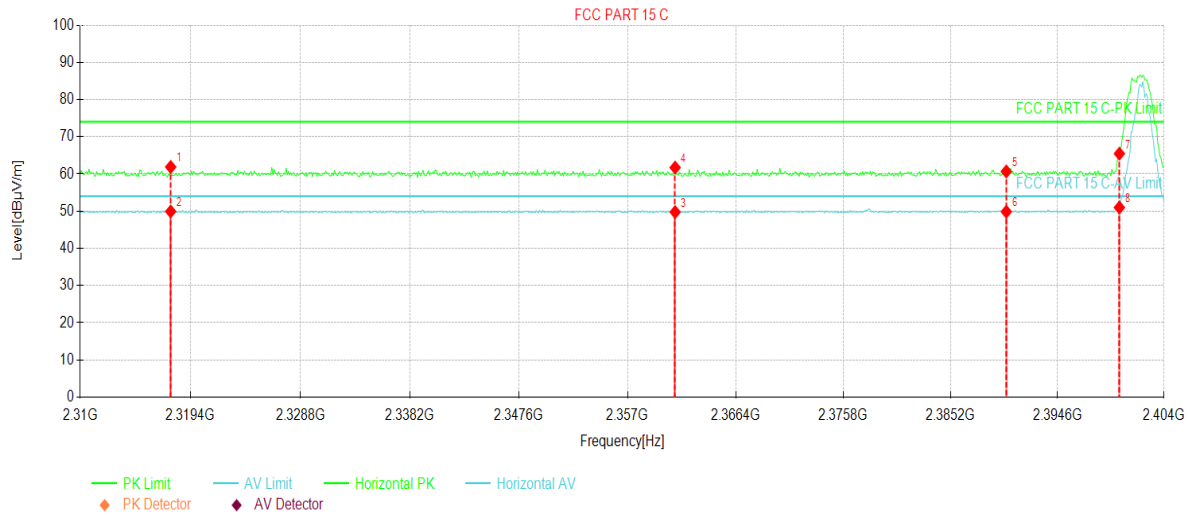
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2333.12	27.05	62.22	35.17	74.00	11.78	PK	Vertical
2	2333.12	14.67	49.84	35.17	54.00	4.16	AV	Vertical
3	2358.41	14.33	49.69	35.36	54.00	4.31	AV	Vertical
4	2358.41	25.97	61.33	35.36	74.00	12.67	PK	Vertical
5	2390.00	25.34	60.94	35.60	74.00	13.06	PK	Vertical
6	2390.00	14.14	49.74	35.60	54.00	4.26	AV	Vertical
7	2400.00	14.28	49.95	35.67	54.00	4.05	AV	Vertical
8	2400.00	24.40	60.07	35.67	74.00	13.93	PK	Vertical

Remark:

7. Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2402 MHz	Polarization:	Horizontal
Test Voltage:	DC 3V		



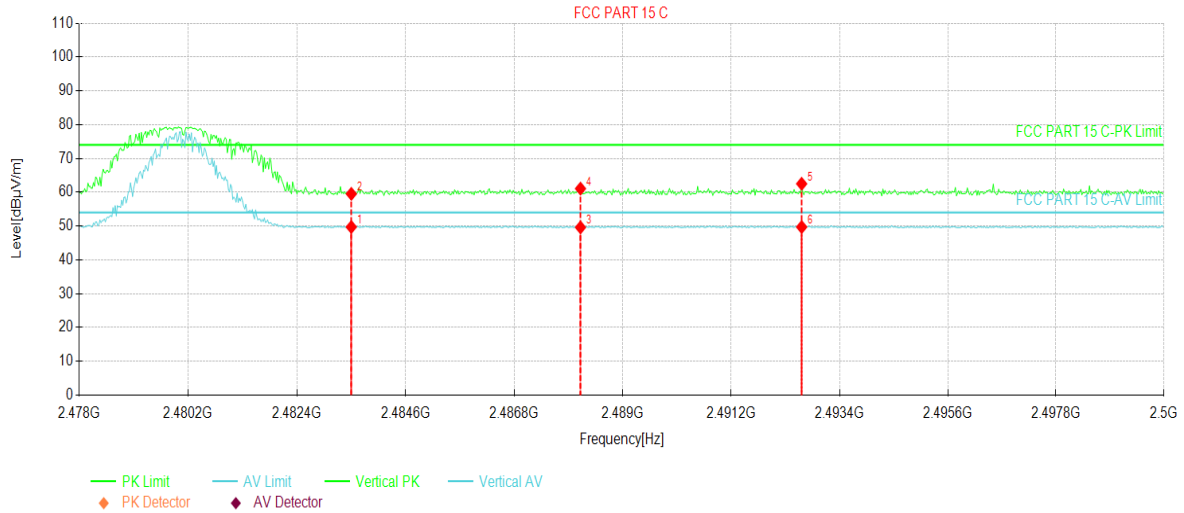
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2317.70	26.83	61.88	35.05	74.00	12.12	PK	Horizontal
2	2317.70	14.88	49.93	35.05	54.00	4.07	AV	Horizontal
3	2361.13	14.37	49.75	35.38	54.00	4.25	AV	Horizontal
4	2361.13	26.34	61.72	35.38	74.00	12.28	PK	Horizontal
5	2390.08	25.07	60.67	35.60	74.00	13.33	PK	Horizontal
6	2390.08	14.25	49.85	35.60	54.00	4.15	AV	Horizontal
7	2400.05	29.79	65.46	35.67	74.00	8.54	PK	Horizontal
8	2400.05	15.31	50.98	35.67	54.00	3.02	AV	Horizontal

Remark:

7. Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2480 MHz	Polarization:	Vertical
Test Voltage:	DC 3V		



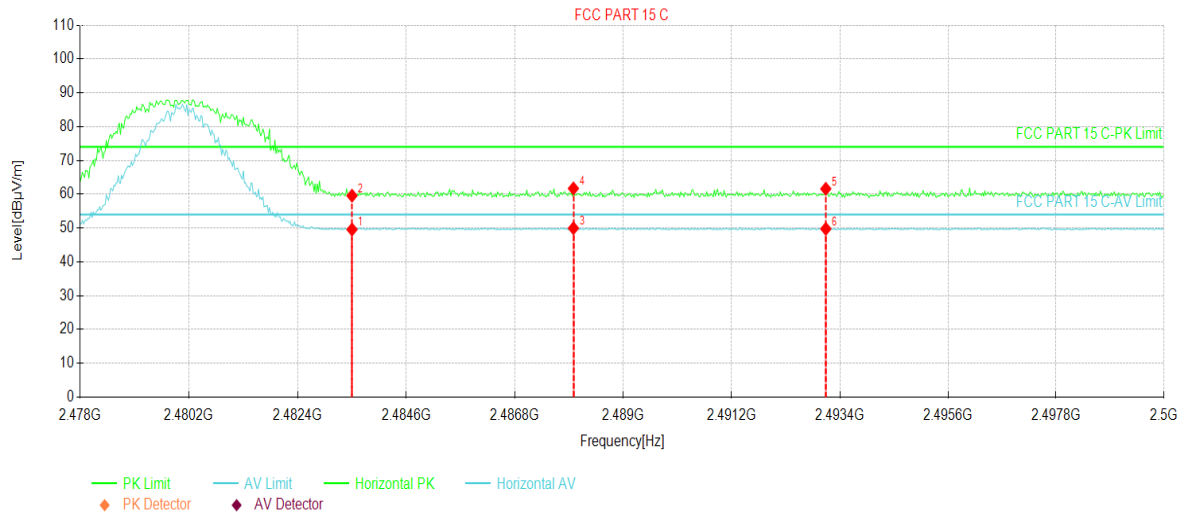
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2483.50	14.21	35.51	49.72	54.00	4.28	AV	Vertical
2	2483.50	24.01	35.51	59.52	74.00	14.48	PK	Vertical
3	2488.14	14.11	35.50	49.61	54.00	4.39	AV	Vertical
4	2488.14	25.57	35.50	61.07	74.00	12.93	PK	Vertical
5	2492.63	27.01	35.49	62.50	74.00	11.50	PK	Vertical
6	2492.63	14.23	35.49	49.72	54.00	4.28	AV	Vertical

Remark:

8. Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	Transmitting mode
Test Frequency:	2480 MHz	Polarization:	Horizontal
Test Voltage:	DC 3V		



Suspected Data List

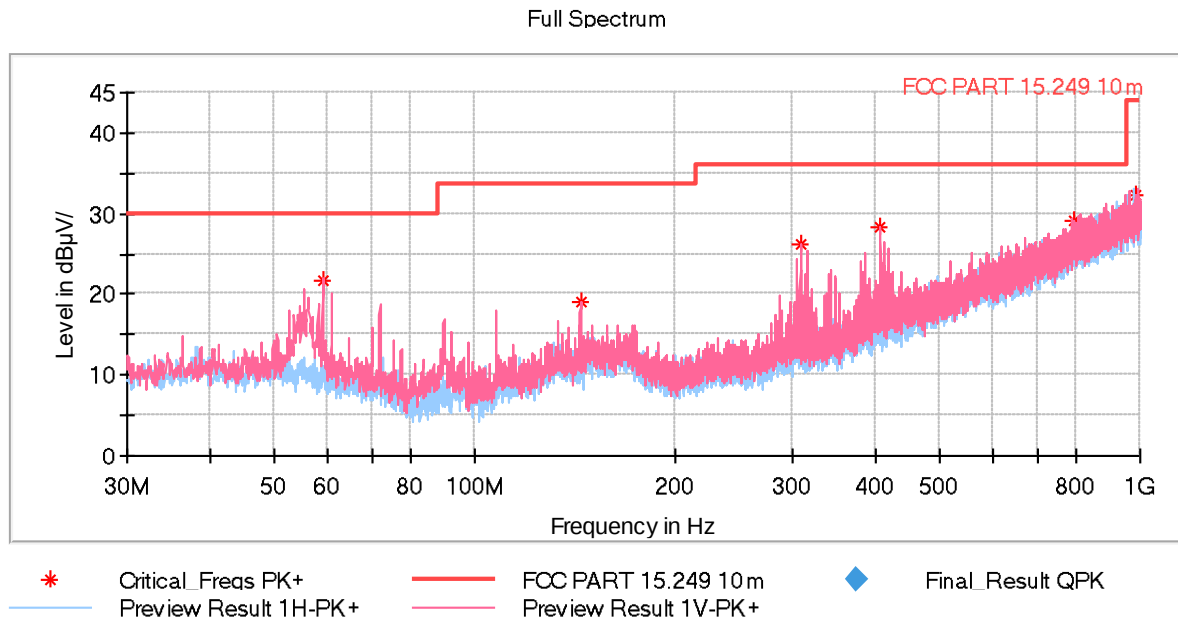
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	2483.50	14.07	35.51	49.58	54.00	4.42	AV	Horizontal
2	2483.50	24.07	35.51	59.58	74.00	14.42	PK	Horizontal
3	2487.98	14.45	35.50	49.95	54.00	4.05	AV	Horizontal
4	2487.98	26.22	35.50	61.72	74.00	12.28	PK	Horizontal
5	2493.11	26.12	35.49	61.61	74.00	12.39	PK	Horizontal
6	2493.11	14.28	35.49	49.77	54.00	4.23	AV	Horizontal

Remark:

8. Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

6.5 Field Strength of Spurious Emissions

Product Name:	UREVO SP1 LITE Walking Treadmill	Product Model:	URTM022
Test By:	Lyle	Test mode:	2.4G mode
Test Frequency:	30 MHz – 1000 MHz	Polarization:	Vertical & Horizontal
Test Voltage:	DC 3V		



Critical Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Comment
59.051500	21.78	30.00	8.22	100.0	V	259.0	-16.6	14:57:08 - 2023/4/12
144.072000	18.96	33.50	14.54	100.0	V	339.0	-15.7	14:57:14 - 2023/4/12
309.942000	26.26	36.00	9.74	100.0	V	259.0	-14.1	14:57:11 - 2023/4/12
407.718000	28.27	36.00	7.73	100.0	V	279.0	-11.3	14:57:12 - 2023/4/12
797.997500	29.04	36.00	6.96	100.0	V	94.0	-2.3	14:57:22 - 2023/4/12
982.152000	32.25	44.00	11.75	100.0	V	106.0	0.3	14:57:17 - 2023/4/12

Remark:

1. Level = Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Above 1GHz:

2.4G						
Lowest						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	56.03	-9.08	46.95	74.00	27.05	Vertical
4804.00	67.24	-9.08	58.16	74.00	15.84	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	48.74	-9.08	39.66	54.00	14.34	Vertical
4804.00	60.61	-9.08	51.53	54.00	2.47	Horizontal
Middle						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4882.00	55.86	-8.59	47.27	74.00	26.73	Vertical
4882.00	67.15	-8.59	58.56	74.00	15.44	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4882.00	49.21	-8.59	40.62	54.00	13.38	Vertical
4882.00	61.07	-8.59	52.48	54.00	1.52	Horizontal
Highest						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	55.68	-8.03	47.65	74.00	26.35	Vertical
4960.00	67.42	-8.03	59.39	74.00	14.61	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	48.94	-8.03	40.91	54.00	13.09	Vertical
4960.00	60.75	-8.03	52.72	54.00	1.28	Horizontal

-----End of report-----