FCC TEST REPORT

For

ARTIKA FOR LIVING INC

Corby Oval 22 x 28 LED Mirror 3CCT/Defogger/Night

Test Model: WMIRH-COCH-O2228

Additional Model No.: WMIRH-COCH-O2228(may be followed by -DHD; may be followed by -; may be followed by 6 Characters)

Prepared for	:	ARTIKA FOR LIVING INC
Address	:	1756 50th avenue, Lachine, Qc, Canada H8T 2V5
Prepared by	:	Shenzhen LCS Compliance Testing Laboratory Ltd.
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Mail	:	webmaster@lcs-cert.com
Date of receipt of test sample	:	April 07, 2024
Number of tested samples	:	1
Serial number	:	Prototype
Sample No.	:	B240325058006
Date of Test	:	April 07, 2024 to April 10, 2024
Date of Report	:	April 11, 2024

TEST REPORT

Report No.	:	**LCSA03054221E**
Date of Issue	:	April 11, 2024
Testing Laboratory Name	:	**Shenzhen LCS Compliance Testing Laboratory Ltd.**
Address	:	101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Testing Location/ Procedure	:	Full application of Harmonised standards ■ Partial application of Harmonised standards □ Other standard testing method □
Applicant's Name	:	**ARTIKA FOR LIVING INC**
Address	:	1756 50th avenue, Lachine, Qc, Canada H8T 2V5
Test Specification		
Standard	:	FCC 47 CFR Part 15, Subpart B ANSI C63.4-2014
Test Report Form No.	:	LCSEMC-1.0
TRF Originator	:	Shenzhen LCS Compliance Testing Laboratory Ltd.
Master TRF	:	Dated 2011-03

Test Item Description.	:	**Corby Oval 22 x 28 LED Mirror 3CCT/Defogger/Night**
Trade Mark	:	LGDD/Artika
Test Model	:	WMIRH-COCH-O2228
Result	:	**Positive**

Compiled by:	**Supervised by:**	**Approved by:**
Emma wang / File Administrator	Baron Wen / Technique principal	Gavin Liang / Manager

TEST REPORT

Test Report No.: LCSA03054221E	April 11, 2024 Date of issue

Test Model	:	**WMIRH-COCH-O2228**
EUT	:	Corby Oval 22 x 28 LED Mirror 3CCT/Defogger/Night
Applicant	:	**ARTIKA FOR LIVING INC**
Address	:	1756 50th avenue, Lachine, Qc, Canada H8T 2V5
Telephone	:	/
Fax	:	/
Manufacturer	:	**Ningbo LGDD Electrical Fittings Co., Ltd**
Address	:	No.188 Changxing Road, Jiangbei District, Ningbo, China
Telephone	:	/
Fax	:	/
Factory	:	**Ningbo LGDD Electrical Fittings Co., Ltd**
Address	:	No.188 Changxing Road, Jiangbei District, Ningbo, China
Telephone	:	/
Fax	:	/

Test Result	**Positive**

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.

Revision History

Report Version	Issue Date	Revision Content	Revised By
000	April 11, 2024	Initial Issue	/

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Test Report Description Page

1. SUMMARY OF STANDARDS AND RESULTS

1.1 Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

Description of Test Item	Standard	Limits	Result
Conducted emissions on AC mains	FCC 47 CFR Part 15, Subpart B ANSI C63.4-2014	15.107, Class B	Pass
Radiated emissions (Below 1GHz)	FCC 47 CFR Part 15, Subpart B ANSI C63.4-2014	15.109, Class B	Pass

1.2 Description of Test Modes

No	Title	Description
TM1	Working(AC 120V/60Hz)	Record

2. GENERAL INFORMATION

2.1 Description of Device (EUT)

EUT	: Corby Oval 22 x 28 LED Mirror 3CCT/Defogger/Night
Test Model	: WMIRH-COCH-O2228
Additional Model No.	: WMIRH-COCH-O2228(may be followed by -DHD; may be followed by -; may be followed by 6 Characters)
Model Declaration	: PCB board, structure and internal of these model(s) are the same, So no additional models were tested.
Power Supply	: 120V~ 60Hz 3000K 4000K 5000K 34W, 1200lm
Highest Internal Frequency	: 1.705-108MHz
Classification of Equipment	: Class B

Highest internal frequency (Fx)	Highest measured frequency
Fx ≤ 1.705MHz	30MHz
1.705MHz < Fx ≤ 108MHz	1GHz
108MHz < Fx ≤ 500MHz	2GHz
500MHz < Fx ≤ 1000MHz	5GHz
Fx > 1GHz	5 x Fx up to a maximum of 40GHz

2.2 Support equipment List

The EUT was tested as an independent device.

2.3 Description of Test Facility

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

NVLAP Accreditation Code is 600167-0.
FCC Designation Number is CN5024.
CAB identifier is CN0071.
CNAS Registration Number is L4595.
Test Firm Registration Number: 254912.

2.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emission (150kHz to 30MHz)	± 2.35 dB
Radiated Emission (30MHz to 1000MHz)	± 3.48 dB
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. MEASURING DEVICES AND TEST EQUIPMENT

Conducted emissions on AC mains					
Equipment	**Manufacturer**	**Model No**	**Serial No.**	**Cal Date**	**Due Date**
EMI Test Software	Farad	EZ	/	/	/
Artificial Mains	R&S	ENV216	101288	2023-06-09	2024-06-08
Pulse Limiter	R&S	ESH3-Z2	102750-NB	2023-08-15	2024-08-14
EMI Test Receiver	R&S	ESR3	102312	2024-03-02	2025-03-01

Radiated emissions (Below 1GHz)					
Equipment	**Manufacturer**	**Model No**	**Serial No.**	**Cal Date**	**Due Date**
EMI Test Software	Farad	EZ	/	/	/
EMI Test Software	AUDIX	E3	/	/	/
By-log Antenna	SCHWARZBECK	VULB9163	9163-470	2021-09-12	2024-09-11
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1925	2021-09-05	2024-09-04
EMI Test Receiver	R&S	ESR3	102311	2023-08-15	2024-08-14
Broadband Preamplifier	/	BP-01M18G	P190501	2023-06-09	2024-06-08
EMI Test Receiver	R&S	ESCI7	101173	2023-10-25	2024-10-24
By-log Antenna	SchwarzZBECK	VULB9163	01428	2023-09-05	2024-09-04

4. EMISSION TEST RESULTS (EMI)

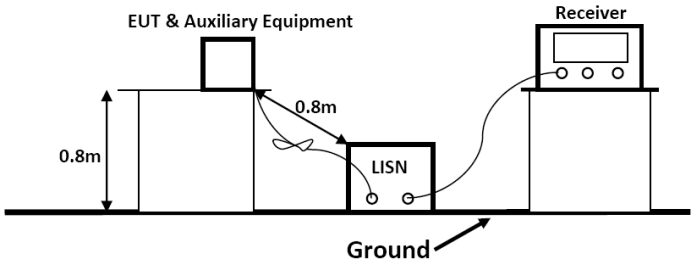
4.1 Conducted emissions on AC mains

Test Requirement:	15.107, Class B
Test Limit:	**Frequency of emission (MHz)** / **Conducted limit (dBμV)** (Quasi-peak / Average) 0.15-0.5: 66 to 56* / 56 to 46* 0.5-5: 56 / 46 5-30: 60 / 50 *Decreases with the logarithm of the frequency.
Test Method:	ANSI C63.4-2014
Procedure:	An initial pre-scan was performed with peak detector.Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected. Remark: Level= Read Level+ Cable Loss+ LISN Factor

4.1.1 E.U.T. Operation:

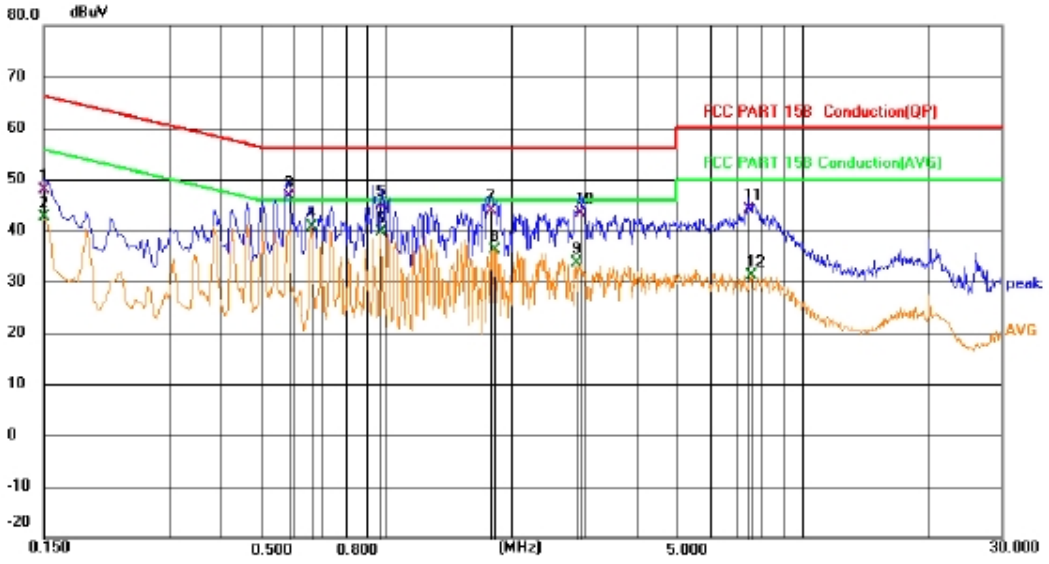
Operating Environment:			
Temperature:	24.4 °C	Humidity:	53 %
Pre test mode:	TM1		
Final test mode:	TM1		

4.1.2 Test Setup Diagram:



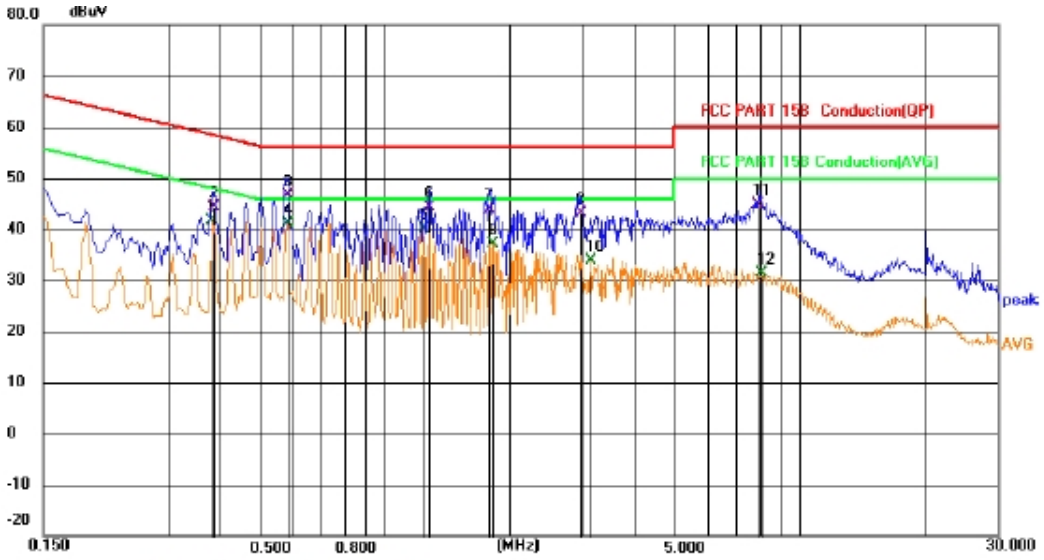
4.1.3 Test Data:

TM1 / Line: Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	27.68	20.22	47.90	66.00	-18.10	QP	
2		0.1500	22.34	20.22	42.56	56.00	-13.44	AVG	
3		0.5865	26.45	20.16	46.61	56.00	-9.39	QP	
4	*	0.6583	20.56	20.09	40.65	46.00	-5.35	AVG	
5		0.9688	24.79	20.13	44.92	56.00	-11.08	QP	
6		0.9735	19.60	20.13	39.73	46.00	-6.27	AVG	
7		1.7835	23.79	20.17	43.96	56.00	-12.04	QP	
8		1.8285	16.04	20.17	36.21	46.00	-9.79	AVG	
9		2.8816	13.20	20.32	33.52	46.00	-12.48	AVG	
10		2.9219	23.05	20.33	43.38	56.00	-12.62	QP	
11		7.4310	24.12	20.09	44.21	60.00	-15.79	QP	
12		7.5571	11.09	20.11	31.20	50.00	-18.80	AVG	

TM1 / Line: Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3840	21.65	20.04	41.69	48.19	-6.50	AVG	
2		0.3886	24.25	20.05	44.30	58.09	-13.79	QP	
3		0.5819	26.56	20.02	46.58	56.00	-9.42	QP	
4	*	0.5819	20.99	20.02	41.01	46.00	-4.99	AVG	
5		1.2435	20.05	20.12	40.17	46.00	-5.83	AVG	
6		1.2839	24.34	20.13	44.47	56.00	-11.53	QP	
7		1.7880	23.59	20.21	43.80	56.00	-12.20	QP	
8		1.8285	16.83	20.21	37.04	46.00	-8.96	AVG	
9		2.9670	22.89	20.18	43.07	56.00	-12.93	QP	
10		3.1425	13.71	20.16	33.87	46.00	-12.13	AVG	
11		7.9035	24.32	20.44	44.76	60.00	-15.24	QP	
12		8.1105	10.98	20.43	31.41	50.00	-18.59	AVG	

***Note: 1) Pre-scan all modes and recorded the worst case results in this report.

2) Margin= Reading level + Correct factor–Limit

Correct Factor= Lisn Factor+Cable Factor

4.2 Radiated emissions (Below 1GHz)

Test Requirement:	15.109, Class B
Test Limit:	Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

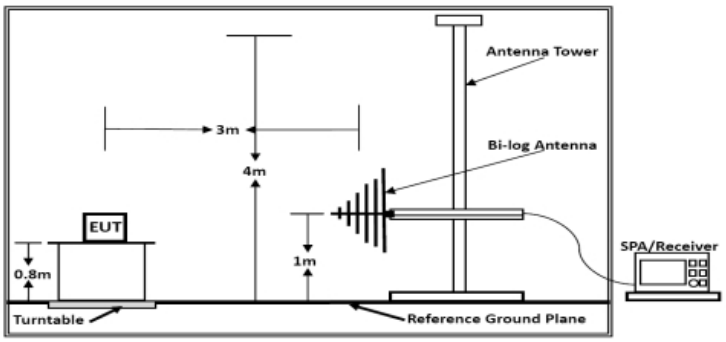
Frequency of emission (MHz)	Field strength @3m		Field strength @10m	
	(uV/m)	(dBuV/m)	(uV/m)	(dBuV/m)
30 – 88	100	40	30	29.5
88 – 216	150	43.5	45	33.1
216 – 960	200	46	60	35.6
Above 960	500	54	150	43.5

Test Method:	ANSI C63.4-2014
Procedure:	An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities. Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

4.2.1 E.U.T. Operation:

Operating Environment:			
Temperature:	26.4 °C	Humidity:	54.2 %
Pre test mode:	TM1		
Final test mode:	TM1		

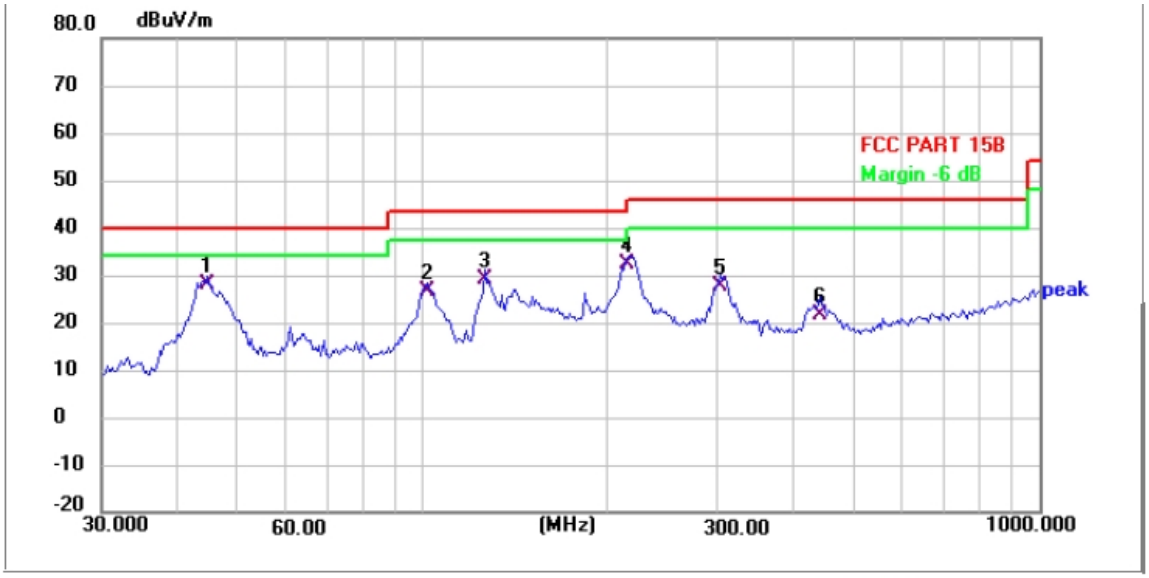
4.2.2 Test Setup Diagram:



Below 1GHz

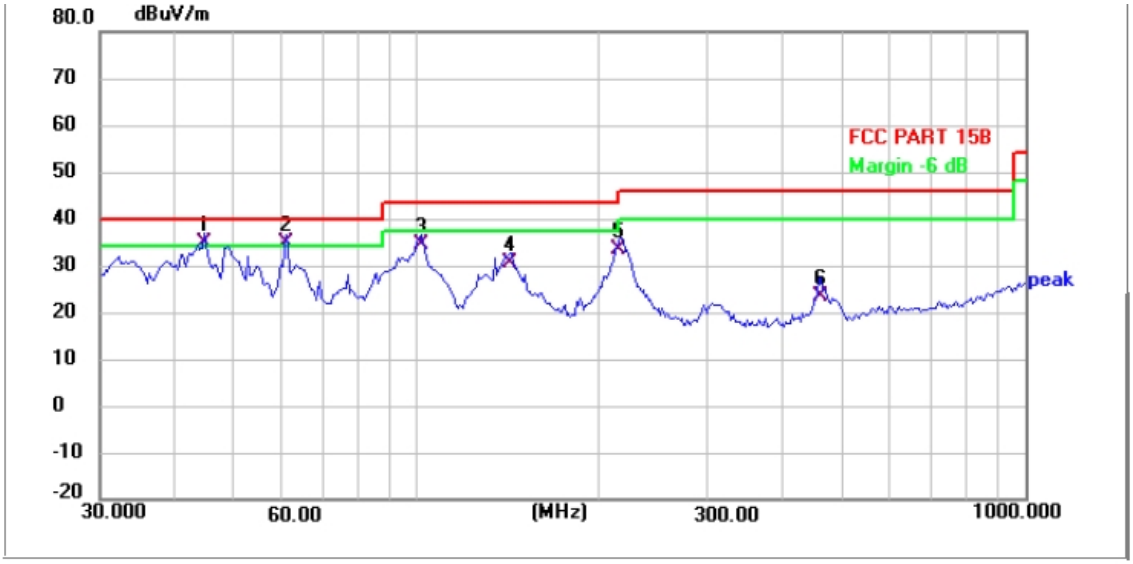
4.2.3 Test Data:

TM1 / Polarization: Horizontal



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	44.4657	45.06	-17.10	27.96	40.00	-12.04	QP			P	
2	101.1796	45.98	-19.47	26.51	43.50	-16.99	QP			P	
3	125.8058	51.43	-22.18	29.25	43.50	-14.25	QP			P	
4 *	214.6062	51.18	-18.78	32.40	43.50	-11.10	QP			P	
5	302.8193	44.10	-16.56	27.54	46.00	-18.46	QP			P	
6	439.4730	35.43	-13.88	21.55	46.00	-24.45	QP			P	

TM1 / Polarization: Vertical



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 *	44.4656	52.06	-17.10	34.96	40.00	-5.04	QP			P	
2 !	60.5770	53.58	-18.86	34.72	40.00	-5.28	QP			P	
3	101.1795	54.08	-19.47	34.61	43.50	-8.89	QP			P	
4	141.7693	53.81	-23.11	30.70	43.50	-12.80	QP			P	
5	214.6062	52.04	-18.78	33.26	43.50	-10.24	QP			P	
6	461.6313	36.67	-13.38	23.29	46.00	-22.71	QP			P	

Note:1).Pre-Scan all mode, Thus record worse case mode result in this report.

2) Margin= Reading level + Correct factor – Limit

Correct Factor=Antenna Factor+Cable Factor- Pre-amplifier Factor

5. TEST SETUP PHOTOS

Refer to Appendix - Test Setup Photos for LCSA03054221E.docx

6. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)

Refer to Appendix - EUT Photos for LCSA03054221E.docx

--- End of Report ---