



TEST REPORT

For

Cixi Zhaofeng Electric Appliance Co., Ltd

Pet dryer

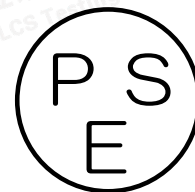
Test Model: GA-11

Prepared for : Cixi Zhaofeng Electric Appliance Co., Ltd
No.88, Huanyuan South Road, Andong Town Industrial
Address : Park, Hangzhou Bay New District, Ningbo, Zhejiang,
China

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
Room 101, 201, Building A and Room 301, Building C,
Address : Juji Industrial Park, Yabianxueziwei, Shajing Street,
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Web : www.lcs-cert.com
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Date of receipt of test sample : January 30, 2024
Number of tested samples : 1
Serial number : Prototype
Date of Test : January 30, 2024 to February 29, 2024
Date of Report : March 1, 2024



**TEST REPORT****Report No.** : LCSA01224310E**Date of Issue** : March 1, 2024**Testing Laboratory Name** : Shenzhen LCS Compliance Testing Laboratory Ltd.**Address** : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China**Testing Location/ Procedure** : Full application of Harmonised standards ☒
Partial application of Harmonised standards ☐
Other standard testing method ☐**Applicant's Name** : Cixi Zhaofeng Electric Appliance Co., Ltd**Address** : No.88, Huanyuan South Road, Andong Town Industrial Park, Hangzhou Bay New District, Ningbo, Zhejiang, China**Test Specification****Standard** : J55014-1 (H27)**Test Report Form No.** : LCSEMC-1.0**TRF Originator** : Shenzhen LCS Compliance Testing Laboratory Ltd.**Master TRF** : Dated 2011-03**Shenzhen LCS Compliance Testing Laboratory Ltd. All rights reserved.**

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Test Item Description. : Pet dryer**Trade Mark** : N/A**Test Model** : GA-11**Result** : Positive**Compiled by:**

Coco Song / File Administrator

Supervised by:

Baron Wen / Technique principal

Approved by:

Gavin Liang / Manager



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Scan code to check authenticity



TEST REPORT

Test Report No.: LCSA01224310E	<u>March 1, 2024</u> Date of issue
---------------------------------------	---------------------------------------

Test Model	: GA-11
EUT	: Pet dryer
Applicant	: Cixi Zhaofeng Electric Appliance Co., Ltd
Address	: No.88, Huanyuan South Road, Andong Town Industrial Park, Hangzhou Bay New District, Ningbo, Zhejiang, China
Telephone	: /
Fax	: /
Manufacturer	: Cixi Zhaofeng Electric Appliance Co., Ltd
Address	: No.88, Huanyuan South Road, Andong Town Industrial Park, Hangzhou Bay New District, Ningbo, Zhejiang, China
Telephone	: /
Fax	: /
Factory	: Cixi Zhaofeng Electric Appliance Co., Ltd
Address	: No.88, Huanyuan South Road, Andong Town Industrial Park, Hangzhou Bay New District, Ningbo, Zhejiang, China
Telephone	: /
Fax	: /

Test Result	Positive
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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	March 1, 2024	Initial Issue	/



Shenzhen LCS Compliance Testing Laboratory Ltd.
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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
Disturbance Voltage on AC Mains	J55014-1 (H27)	Table 1	Pass
Disturbance Power	J55014-1 (H27)	Table 2a & 2b	Pass





1.2 Description of Test Modes

No	Title	Description
TM1	Working(AC100V/50Hz)	Record
TM2	Working(AC100V/60Hz)	Record





2. GENERAL INFORMATION

2.1 Description of Device (EUT)

EUT	: Pet dryer
Test Model	: GA-11
Power Supply	: Input: 100V~, 50/60Hz, 800W
Highest Internal Frequency	: $F \leq 108\text{MHz}$

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.

2.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emission (150kHz to 30MHz)	$\pm 2.35\text{ dB}$
Power Disturbance (30MHz to 300MHz)	$\pm 2.90\text{ dB}$
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

Disturbance Voltage 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	2024-02-24	2025-02-23

Disturbance Power

Equipment	Manufacturer	Model No	Serial No.	Cal Date	Due Date
EMI Test Software	Farad	EZ	/	/	/
EMI Test Receiver	R&S	ESR3	102312	2024-02-24	2025-02-23
Power Absorbing Clamp	R&S	MDS21	4033	2023-06-13	2024-06-12
6dB Attenuator	DC-3G	/	/	2023-10-18	2024-10-17





4. EMISSION TEST RESULTS (EMI)

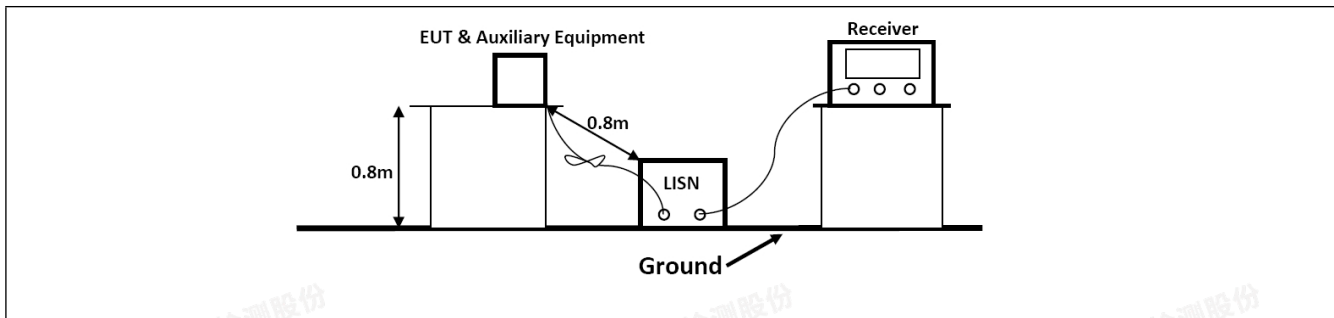
4.1 Disturbance Voltage on AC Mains

Test Requirement:	Table 1		
Test Limit:	Frequency range	Mains ports Disturbance voltage	
	MHz	Quasi-peak dB μ V	Average dB μ V
	0,15 to 0,50	Decreasing linearly with the logarithm of the frequency from:	
		66 to 56	59 to 46
	0,50 to 5	56	46
	5 to 30	60	50
	The lower limit applies at the transition frequencies.		
Test Method:	CISPR 16-2-1		
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:	23.6 °C	Humidity:	53.6 %
Pre test mode:	TM1, TM2		
Final test mode:	TM1, TM2		

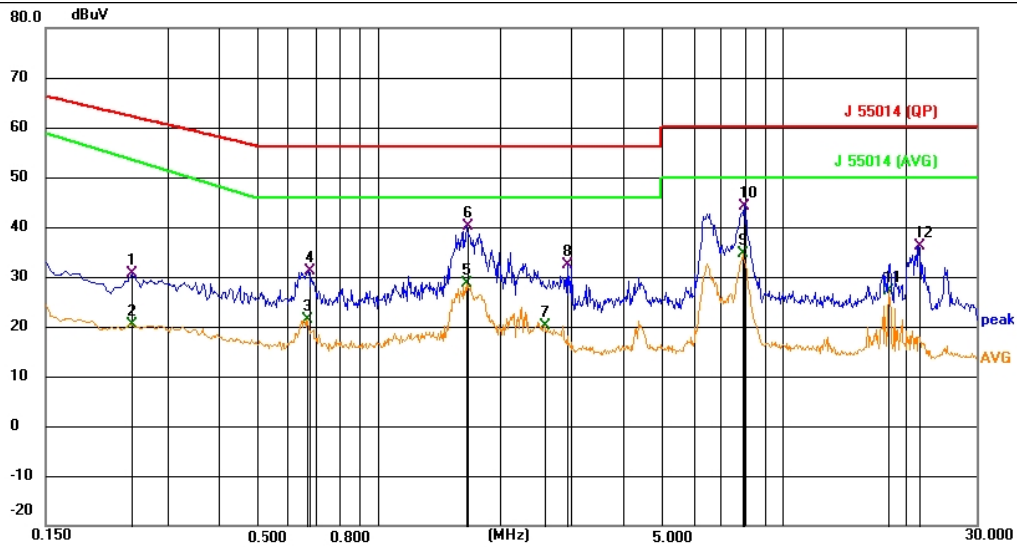
4.1.2 Test Setup Diagram:





4.1.3 Test Data:

TM1 / Line: Line

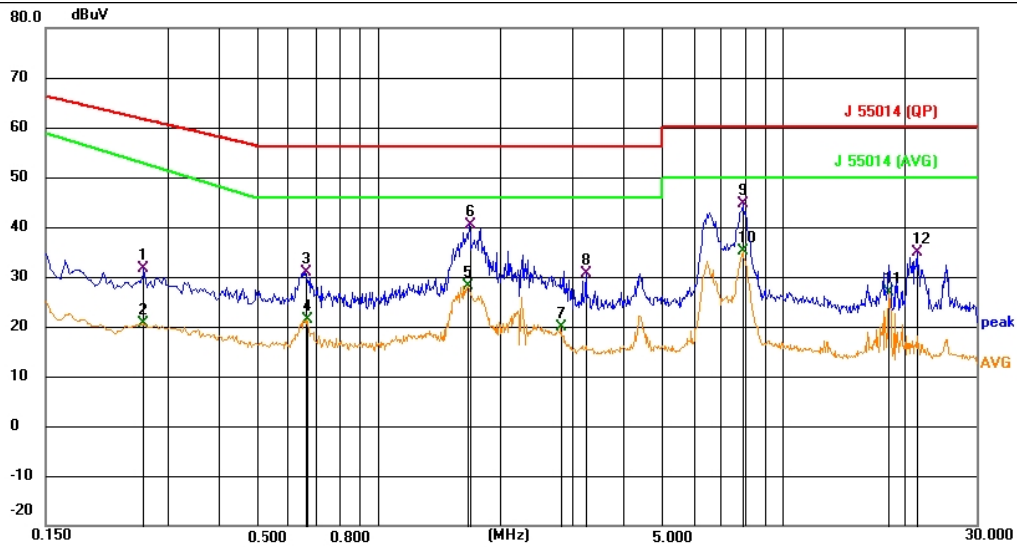


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.2446	10.46	20.16	30.62	61.94	-31.32	QP	
2		0.2446	0.26	20.16	20.42	53.72	-33.30	AVG	
3		0.6676	1.37	20.09	21.46	46.00	-24.54	AVG	
4		0.6721	10.98	20.08	31.06	56.00	-24.94	QP	
5		1.6486	8.37	20.18	28.55	46.00	-17.45	AVG	
6		1.6576	19.94	20.18	40.12	56.00	-15.88	QP	
7		2.5576	-0.04	20.27	20.23	46.00	-25.77	AVG	
8		2.9221	11.98	20.33	32.31	56.00	-23.69	QP	
9	*	7.9171	14.41	20.15	34.56	50.00	-15.44	AVG	
10		7.9801	24.09	20.16	44.25	60.00	-15.75	QP	
11		18.2400	6.25	20.80	27.05	50.00	-22.95	AVG	
12		21.6331	15.55	20.66	36.21	60.00	-23.79	QP	





TM1 / Line: Neutral

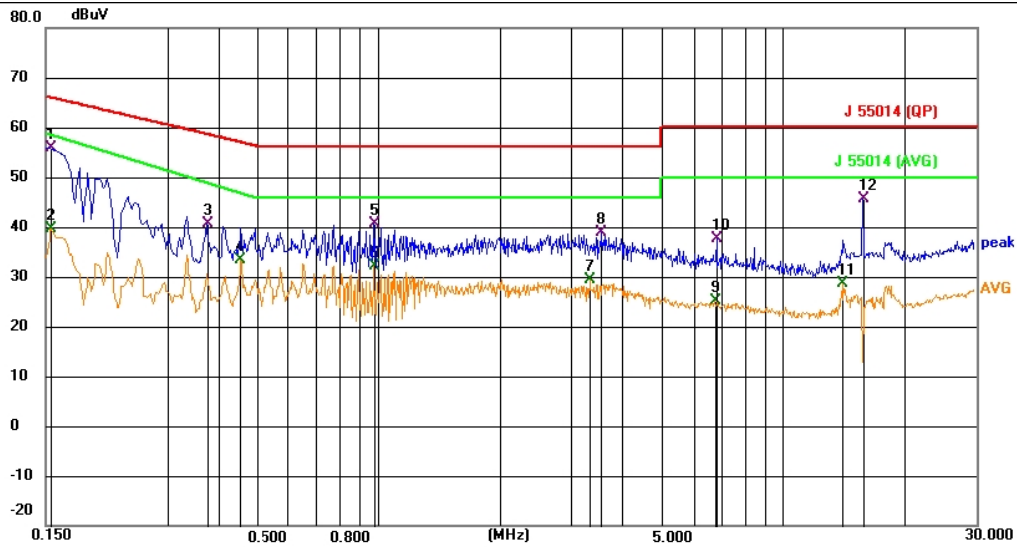


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.2626	11.49	20.03	31.52	61.35	-29.83	QP	
2	0.2626	0.53	20.03	20.56	52.95	-32.39	AVG	
3	0.6585	10.64	20.29	30.93	56.00	-25.07	QP	
4	0.6675	1.05	20.32	21.37	46.00	-24.63	AVG	
5	1.6665	7.81	20.20	28.01	46.00	-17.99	AVG	
6	1.6755	20.16	20.20	40.36	56.00	-15.64	QP	
7	2.8186	-0.25	20.19	19.94	46.00	-26.06	AVG	
8	3.2461	10.45	20.15	30.60	56.00	-25.40	QP	
9	7.9171	24.20	20.44	44.64	60.00	-15.36	QP	
10 *	7.9171	14.64	20.44	35.08	50.00	-14.92	AVG	
11	18.2400	6.42	20.38	26.80	50.00	-23.20	AVG	
12	21.4711	14.35	20.55	34.90	60.00	-25.10	QP	





TM2 / Line: Line

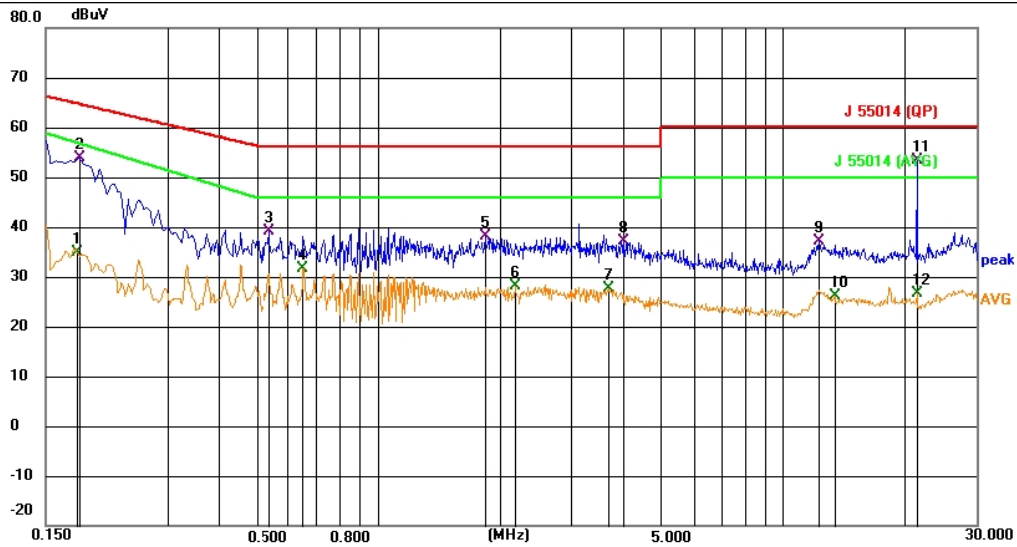


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1546	36.16	19.65	55.81	65.75	-9.94	QP	
2	0.1546	20.01	19.65	39.66	58.67	-19.01	AVG	
3	0.3751	21.07	19.67	40.74	58.39	-17.65	QP	
4	0.4561	13.65	19.67	33.32	46.99	-13.67	AVG	
5	0.9736	20.88	19.68	40.56	56.00	-15.44	QP	
6	0.9736	12.39	19.68	32.07	46.00	-13.93	AVG	
7	3.3271	9.67	19.74	29.41	46.00	-16.59	AVG	
8	3.5611	19.06	19.74	38.80	56.00	-17.20	QP	
9	6.7561	5.26	19.79	25.05	50.00	-24.95	AVG	
10	6.8371	17.84	19.79	37.63	60.00	-22.37	QP	
11	14.1271	8.70	19.87	28.57	50.00	-21.43	AVG	
12	15.7426	25.66	19.91	45.57	60.00	-14.43	QP	





TM2 / Line: Neutral



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1796	15.29	19.66	34.95	57.06	-22.11	AVG	
2	0.1816	34.30	19.66	53.96	64.41	-10.45	QP	
3	0.5370	19.49	19.68	39.17	56.00	-16.83	QP	
4	0.6540	12.02	19.70	31.72	46.00	-14.28	AVG	
5	1.8375	18.36	19.74	38.10	56.00	-17.90	QP	
6	2.1705	8.44	19.76	28.20	46.00	-17.80	AVG	
7	3.6826	7.73	19.81	27.54	46.00	-18.46	AVG	
8	4.0426	17.21	19.83	37.04	56.00	-18.96	QP	
9	12.2956	17.21	19.89	37.10	60.00	-22.90	QP	
10	13.4476	6.14	19.87	26.01	50.00	-23.99	AVG	
11 *	21.3991	33.28	20.10	53.38	60.00	-6.62	QP	
12	21.3991	6.52	20.10	26.62	50.00	-23.38	AVG	





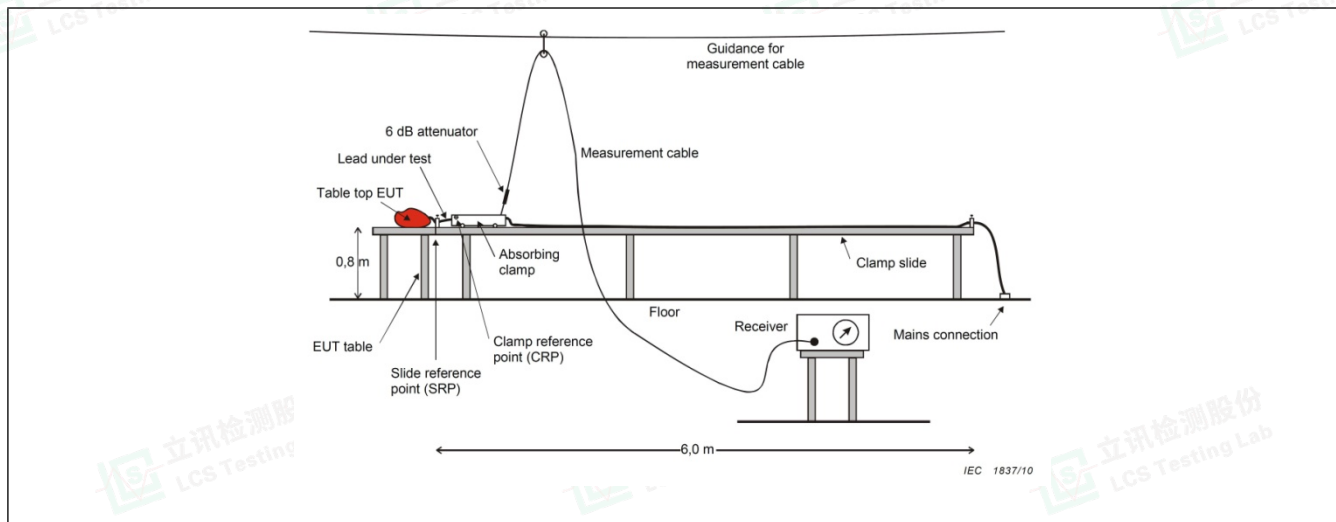
4.2 Disturbance Power

Test Requirement:	Table 2a & 2b		
Test Limit:	Frequency range	General	
	MHz	Quasi-peak dBpW	Average dBpW
	30 to 300	Increasing linearly with the frequency from:	
		45 to 55	35 to 45
	200 to 300	0 to 10	-
Key P = rated power of the motor only. Additional limits of 200 to 300 for reduction applicable to Table 7 limits.			
Test Method:	CISPR 16-2-2		
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. Measured Level = Read level + Cable Loss + Clamp Factor		

4.2.1 E.U.T. Operation:

Operating Environment:			
Temperature:	23.6 °C	Humidity:	53.6 %
Pre test mode:	TM1, TM2		
Final test mode:	TM1, TM2		

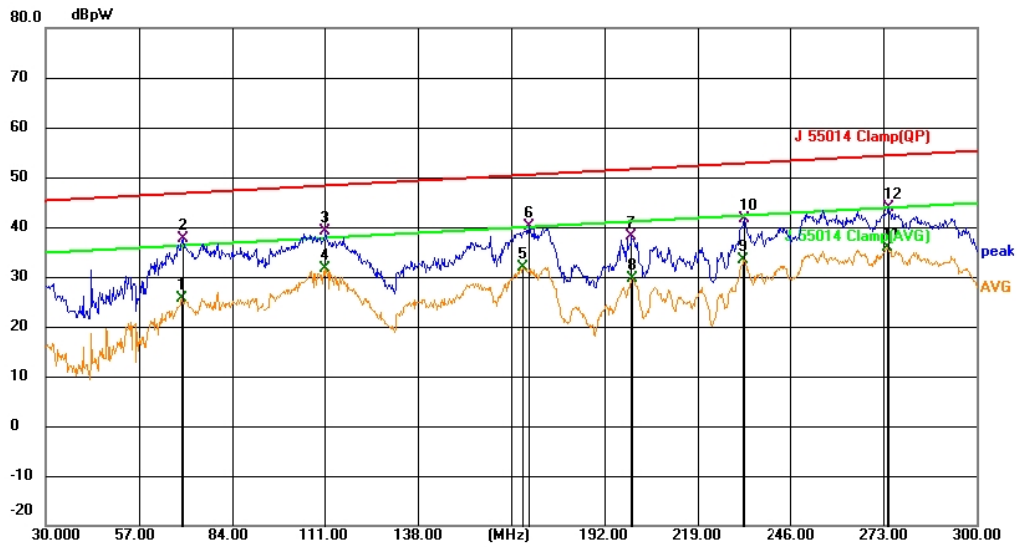
4.2.2 Test Setup Diagram:





4.2.3 Test Data:

TM1

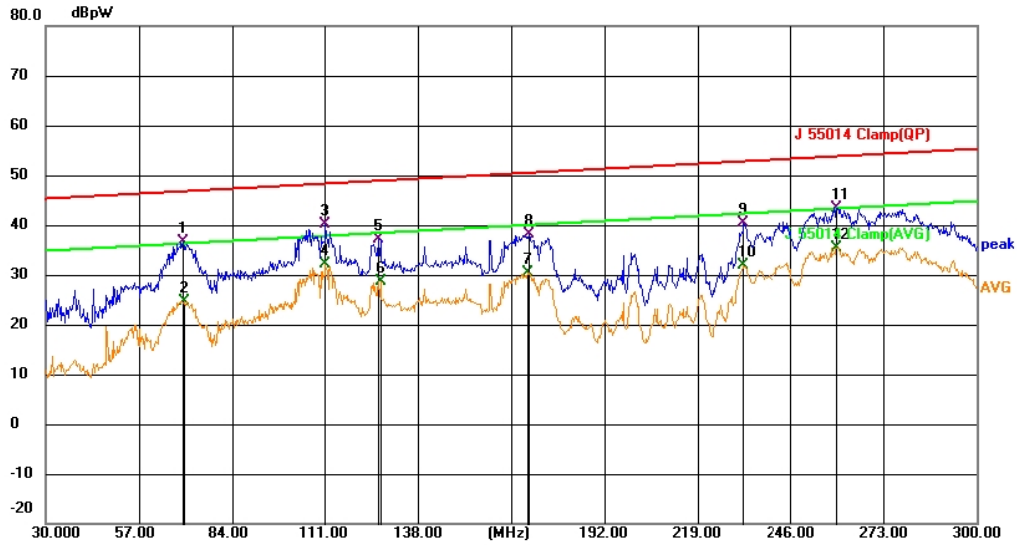


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Position		
	MHz	dBuV	dB	dBpW	dBpW	dB	Detector	cm	Comment
1	69.4200	17.21	8.35	25.56	36.46	-10.90	AVG		
2	69.9000	29.24	8.38	37.62	46.48	-8.86	QP		
3	111.3600	29.37	9.87	39.24	48.01	-8.77	QP		
4 *	111.3600	21.71	9.87	31.58	38.01	-6.43	AVG		
5	168.3000	25.39	6.50	31.89	40.12	-8.23	AVG		
6	170.2800	33.53	6.55	40.08	50.20	-10.12	QP		
7	199.9800	29.66	8.56	38.22	51.30	-13.08	QP		
8	200.1000	21.05	8.55	29.60	41.30	-11.70	AVG		
9	232.3800	27.99	5.50	33.49	42.50	-9.01	AVG		
10	232.7400	36.25	5.47	41.72	52.51	-10.79	QP		
11	274.5600	31.67	4.23	35.90	44.06	-8.16	AVG		
12	274.7400	39.58	4.23	43.81	54.06	-10.25	QP		





TM2



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBpW	Limit dBpW	Margin dB	Detector	Position cm	Comment
1	69.7800	28.24	8.38	36.62	46.47	-9.85	QP		
2	70.0199	16.34	8.39	24.73	36.48	-11.75	AVG		
3	111.4200	30.28	9.88	40.16	48.02	-7.86	QP		
4 *	111.4200	22.28	9.88	32.16	38.02	-5.86	AVG		
5	126.9000	30.82	6.32	37.14	48.59	-11.45	QP		
6	127.2600	22.64	6.10	28.74	38.60	-9.86	AVG		
7	169.9200	23.95	6.53	30.48	40.18	-9.70	AVG		
8	170.3400	31.56	6.55	38.11	50.20	-12.09	QP		
9	232.4400	34.89	5.50	40.39	52.50	-12.11	QP		
10	232.4400	26.37	5.50	31.87	42.50	-10.63	AVG		
11	259.5000	39.11	4.30	43.41	53.50	-10.09	QP		
12	259.5000	31.19	4.30	35.49	43.50	-8.01	AVG		



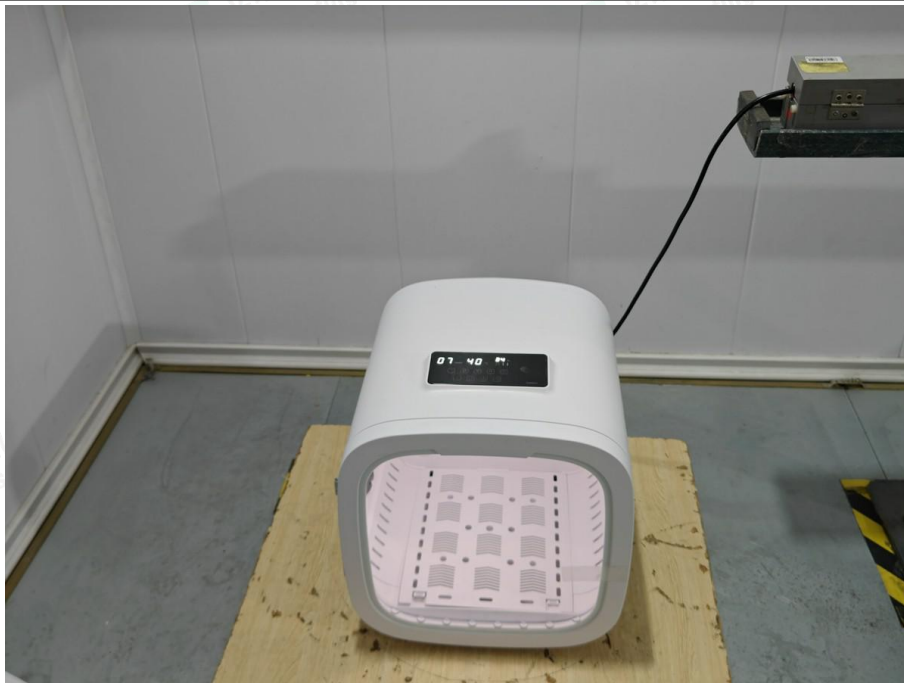


5. TEST SETUP PHOTOS

Disturbance Voltage on AC Mains



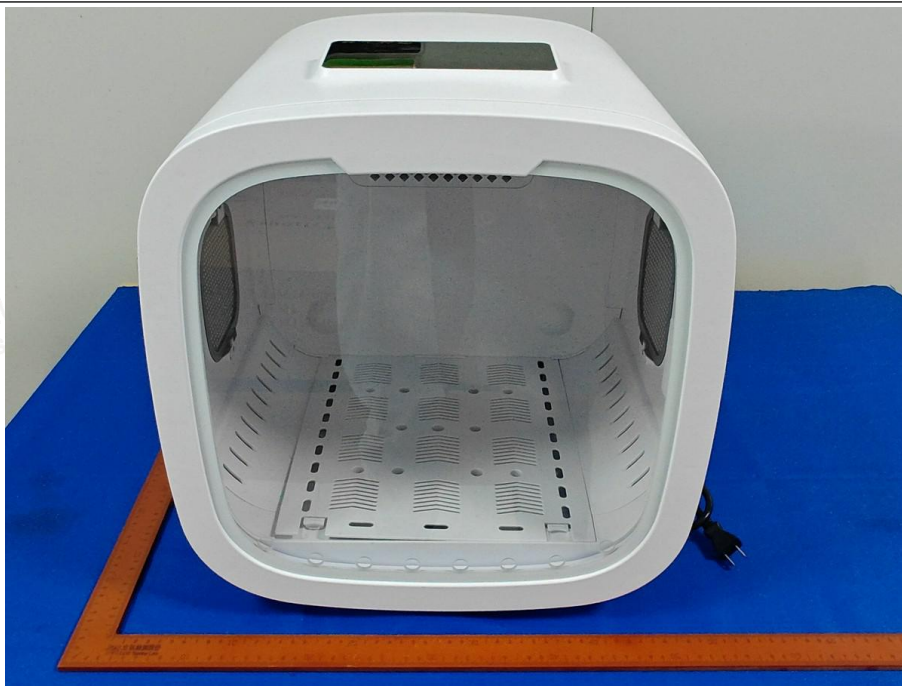
Disturbance Power





6. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)

External





--- End of Report ---

