

FCC 47 CFR PART 18

TEST REPORT

For

Microwave Oven

MODEL NUMBER: EC9P032NK, 706.035.06, EC9P03##, EC9P03*** ("##", "***", Suffix could be from 0 to 9 or from A to Z or blank.)

REPORT NUMBER: 4791621806-1

FCC ID: VG8XC9P03YY

ISSUE DATE: January 24, 2025

Prepared for

Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd. No 6, Yong An Road, Beijiao, Shunde, Foshan, Guangdong, 523811 China

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	January 24, 2025	Initial Issue	



Summary of Test Results

Emission			
Standard	Test Item	Limit	Result
	Conducted Emissions	FCC Part 18.307(b)	Pass
	Radiated Emissions (30MHz~1000MHz)	FCC Part 18.305(b)	Pass
	Radiated Emissions (1GHz~25GHz)	FCC Part 18.305(b)	Pass
FCC 47 CFR PART 18	Operating Frequency	FCC Part 18.301	Pass
	Input Power	FCC / OST MP-5 (1986) Clause 4.3	Pass
	Output Power	FCC / OST MP-5 (1986) Clause 4.3	Pass
	Radiation Hazard	FCC / OST MP-5 (1986) Clause 3.1	Pass

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

*The measurement result for the sample received is <Pass> according to <FCC 47 CFR PART 18> when <Simple Acceptance> decision rule is applied.





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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd.
Address:	No. 6, Yong An Road, Beijiao, Shunde, Foshan, Guangdong, 528311 China

Manufacturer Information

Company Name:	Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd.
Address:	No. 6, Yong An Road, Beijiao, Shunde, Foshan, Guangdong, 528311 China

EUT Information

EUT Name:	Microwave Oven
Model:	EC9P032NK
Serise Model:	706.035.06, EC9P03##, EC9P03***("##", "***", Suffix could be from 0 to 9 or from A to Z or blank.)
Brand:	IKEA
Sample Received Date:	December 31, 2024
Sample ID:	7990603
Date of Tested:	January 7, 2025 to January 24, 2025

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47 CFR PART 18	Pass

Prepared By:

Checked By:

Karl Wu

Kebo Zhang

Senior Project Engineer

Engineer Project Associate

Approved By:

Stephen Guo Operations Manager



2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC 47 CFR PART 18 and FCC/OET MP-5

3. FACILITIES AND ACCREDITATION

	A2LA (Certificate No.: 4102.01)
	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
	has been assessed and proved to be in compliance with A2LA.
	FCC (FCC Designation No.: CN1187)
	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
	Has been recognized to perform compliance testing on equipment subject
	to the Commission's Declaration of Conformity (DoC) and Certification
	rules.
	ISED (Company No.: 21320)
Accreditation	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Certificate	has been registered and fully described in a report filed with ISED.
	The Company Number is 21320 and the test lab Conformity Assessment
	Body Identifier (CABID) is CN0046.
	VCCI (Registration No.: G-20192, C-20153, T-20155 and R-20202)
	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
	has been assessed and proved to be in compliance with VCCI, the
	Membership No. is 3793.
	Facility Name:
	Chamber D, the VCCI registration No. is G-20192 and R-20202
	Shielding Room B, the VCCI registration No. is C-20153 and T-20155

Note:

All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China.



4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Measurement Frequency Range	к	U(dB)
Conducted Emissions	0.009 MHz - 0.15 MHz	2	4.00
Conducted Emissions	0.15MHz - 30MHz	2	3.63
Radiated Emissions	9kHz - 30MHz	2	2.20
(30MHz~1000MHz)	30MHz -1GHz	2	4.13
Redicted Emissions (1047, 25047)	1GHz - 18GHz	2	5.64
	18GHz - 26GHz	2	5.23
Note1: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.			
Note 2: According to the standard CISPR 16-4-2, the MU for the Conducted emissions from the			
AC mains power ports using AMN should not exceed 3.8 in range of 9kHz to 150kHz and 3.4 in			
range of 150kHz to 30MHz. We have considered the test results containing the value of Ulab (in			
db) for the measurement instrumentation actually used for the measurements.			



5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	Microwave Oven	
Model	EC9P032NK	
Serise Model	706.035.06, EC9P03##, EC9P03*** ("##", "***", Suffix could be from 0 to 9 or from A to Z or blank.)	
Model Difference	All types of electronic circuit of the same, the difference are model name and color. Therefore, full tests were applied on EC9P032NK.	
Operating Frequency	2450MHz	
Rated Input Power (Microwave)	1350W	
Rated Output Power (Microwave)	900W	
Rated Voltage	120V~, 60Hz, Grill 1000 W, 1350W (Convection), Single Phase	

5.2. TEST MODE

Test Mode	Description
M01	Maximum power+1000mL water load+beaker located in the center of the oven
M02	Maximum power+700mL water load+beaker located in the center of the oven
M03	Maximum power+700mL water load+beaker located in the right front corner of the oven
M04	Maximum power+300mL water load+beaker located in the center of the oven
M05	Maximum power+300mL water load+beaker located in the right front corner of the oven

5.3. EUT ACCESSORY

Cable	
Description:	AC Plug Cable
Cable Type:	Unshielded without ferrite
Length:	1 Meter



5.4. LOAD FOR MICROWAVE OVENS

For all measurements the energy developed by the oven is absorbed by a dummy load consisting of a quantity of tap water in a beaker. A polypropylene beaker or any other low-loss material shall be used as the container. If the oven is provided with a shelf or other utensil support, test shall be made with this support in its initial normal position. For ovens rated at 1000 watts or less power output, the beaker shall contain quantities of water as listed in the following subparagraphs. For ovens rated at more than 1000 watts output, each quantity shall be increased by 50% for each 500 watts or fraction thereof in excess of 1000 watts. Additional beakers are used if necessary.

- Load for power output measurement: 1000 milliliters of water in the beaker located in the center of the oven.
- Load for frequency measurement: 1000 milliliters of water in the beaker located in the center of the oven.
- Load for measurement of radiation on second and third harmonic: Two loads, one of 700 and the other of 300 milliliters, of water are used. Each load is tested both with the beaker located in the center of the oven and with it in the right front corner.
- Load for all other measurements: 700 milliliters of water, with the beaker located in the center of the oven.

5.5. SUPPORT UNITS FOR SYSTEM TEST

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	Mfr/Brand	Model/Type No.	Specification	Note
1	Glass Beaker	N/A	N/A	1000ML	UL Support



6. MEASURING EQUIPMENT AND SOFTWARE USED

Test Equipment of Conducted Emissions						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date	
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	101961	Sep. 28, 2024	Sep. 27, 2025	
Two-Line V- Network	ROHDE & SCHWARZ	ENV216	101983	Sep. 28, 2024	Sep. 27, 2025	
Test Software for Conducted Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A	

Test Equipment of Radiated Emissions (30MHz~1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date	
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jun. 28, 2024	Jun. 27, 2027	
Measurement Receiver	ROHDE & SCHWARZ	ESR26	101377	Sep. 28, 2024	Sep. 27, 2025	
Amplifier	HP	8447F	2944A03683	Sep. 28, 2024	Sep. 27, 2025	
Test Software for Radiated Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A	

Test Equipment of Radiated Emissions (1GHz~25GHz)						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date	
EMI Measurement Receiver	ROHDE & SCHWARZ	ESR26	101377	Sep. 28, 2024	Sep. 27, 2025	
Preamplifier	TDK	PA-02-0118	TRS-305- 00066	Jun. 18, 2024	Jun. 17, 2025	
Preamplifier	TDK	PA-02-2	TRS-307- 00003	Sep. 28, 2024	Sep. 27, 2025	
Horn Antenna	TDK	HRN-0118	130939	Apr. 29, 2022	Apr. 28, 2025	
High Gain Horn Antenna	Schwarzbeck	BBHA-9170	697	Jun. 30, 2024	Jun. 29, 2027	
Test Software for Radiated Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A	

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Test Equipment of Operating Frequency						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date	
EMI Measurement Receiver	ROHDE & SCHWARZ	ESR26	101377	Sep. 28, 2024	Sep. 27, 2025	
Preamplifier	TDK	PA-02-0118	TRS-305- 00066	Jun. 18, 2024	Jun. 17, 2025	
Horn Antenna	TDK	HRN-0118	130939	Apr. 29, 2022	Apr. 28, 2025	
Test Software for Radiated Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A	

Test Equipment of Input Power							
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date		
Signal Conditioning Unit	TESEQ	CCN 1000-1	1544A00611	Oct. 08, 2024	Oct. 07, 2025		
5K VA AC Power Source	TESEQ	NSG 1007	1616A00637	Sep. 28, 2024	Sep. 27, 2025		

Radiation Hazard							
Equipment	Manufactur er	Model No.	Serial No.	Last Cal.	Due Date		
Electric Field	LTLUTRON	EMF-819/EP- 05H	1.508502	Sep. 28, 2024	Sep. 27, 2025		

Output Power Measurement						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date	
Probe Thermometer	Control Company	4242	150709653	Sep. 28, 2024	Sep. 27, 2025	

Other Instrument							
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date		
Temperature humidity probe	OMEGA	ITHX-SD-5	18470007	Oct.8, 2024	Oct.7, 2025		
Barometer	Yiyi	Baro	N/A	Oct.10, 2024	Oct.9, 2025		
Attenuator	Agilent	8495B	2814a12853	Sep.28, 2024	Sep.27, 2025		



7. EMISSION TEST

7.1. CONDUCTED EMISSIONS

<u>LIMITS</u>

Frequency of omission (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		

Note: *Decreases with the logarithm of the frequency.

TEST PROCEDURE

- 1) The testing follows the guideline in FCC / OST MP-5.
- 2) The EUT was placed on a 0.8m insulating material from the horizontal ground plane with EUT being connected to the power mains through a Line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- 3) Excess I/O cables shall be bundled in the center. If bundling is not possible, bundling shall not exceed 30 to 40 cm in length.
- 4) Excess power cords shall be bundled in the center or shortened to appropriate length.
- 5) LISN at least 80 cm from nearest part of EUT.
- 6) For ovens rated at 1000 watts or less power output, the beaker shall contain quantities of water as listed in the following subparagraphs. For ovens rated at more than 1000 watts output, each quantity shall be increased by 50% for each 500 watts or fraction thereof in excess of 1000 watts,

A 700 milliliters water load in the beaker located in the center of the oven.

 Conducted emissions from the EUT measured in the frequency range between 0.15MHz and 30MHz using CISPR Quasi-Peak and average detector mode, Resolution bandwidth set 9kHz.



TEST SETUP

Solutions



TEST ENVIRONMENT

Temperature	23.5 ℃	Relative Humidity	54.7%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

ITest Date January 7, 2025 ITest By Karl Wu		Test Date	January 7, 2025	Test By	Karl Wu
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TEST MODE

Pre-test Mode:	M02
Final Test Mode:	M02



TEST RESULTS

Test Mode:	M02	Line:	Line
Test Voltage:	AC 120V_60Hz		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1554	33.74	9.73	43.47	65.71	-22.24	QP
2	0.1554	12.25	9.73	21.98	55.71	-33.73	AVG
3	0.1699	31.44	9.70	41.14	64.97	-23.83	QP
4	0.1699	9.92	9.70	19.62	54.97	-35.35	AVG
5	0.2218	24.76	9.64	34.40	62.75	-28.35	QP
6	0.2218	2.68	9.64	12.32	52.75	-40.43	AVG
7	0.3892	19.83	9.64	29.47	58.08	-28.61	QP
8	0.3892	2.55	9.64	12.19	48.08	-35.89	AVG
9	3.9433	21.24	9.73	30.97	56.00	-25.03	QP
10	3.9433	15.75	9.73	25.48	46.00	-20.52	AVG
11	6.3363	18.81	9.73	28.54	60.00	-31.46	QP
12	6.3363	12.71	9.73	22.44	50.00	-27.56	AVG

Remark: Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor) Margin = Result - Limit

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Test Mode:	M02	Line:	Neutral
Test Voltage:	AC 120V_60Hz		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1501	33.15	9.64	42.79	65.99	-23.20	QP
2	0.1501	11.05	9.64	20.69	55.99	-35.30	AVG
3	0.1858	28.00	9.64	37.64	64.22	-26.58	QP
4	0.1858	9.46	9.64	19.10	54.22	-35.12	AVG
5	0.2416	21.88	9.64	31.52	62.04	-30.52	QP
6	0.2416	0.81	9.64	10.45	52.04	-41.59	AVG
7	0.3862	15.59	9.64	25.23	58.15	-32.92	QP
8	0.3862	0.84	9.64	10.48	48.15	-37.67	AVG
9	1.6060	20.48	9.64	30.12	56.00	-25.88	QP
10	1.6060	8.99	9.64	18.63	46.00	-27.37	AVG
11	3.9261	20.87	9.63	30.50	56.00	-25.50	QP
12	3.9261	15.52	9.63	25.15	46.00	-20.85	AVG
13	6.4912	18.36	9.71	28.07	60.00	-31.93	QP
14	6.4912	11.98	9.71	21.69	50.00	-28.31	AVG

Remark: Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor) Margin = Result - Limit

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7.2. RADIATED EMISSIONS (30MHZ~1000MHZ)

LIMITS

- a) ISM equipment operating on a frequency specified in §18.301 is permitted unlimited radiated energy in the band specified for that frequency.
- b) The field strength levels of emissions which lie outside the bands specified in §18.301, unless otherwise indicated, shall not exceed the following:

Equipment	Operating frequency	RF Power generated by equipment (watts)	Field strength limit (uV/m)	Distance (meters)
Any type unless		Below 500	25	300
otherwise specified (miscellaneous)	frequency	500 or more	25 × SQRT(power/500)	¹ 300*

¹Field strength may not exceed 10 μ V/m at 1600 meters. Consumer equipment operating below 1000 MHz is not permitted the increase in field strength otherwise permitted here for power over 500 watts.

Note: (1). dBuV/m = 20log(uV/m)

(2). dBuV/m @3m = dBuV/m @300m + 20log(300m/3m)

c) Frequency range for field strength measurements:

Frequency band in which	Range of frequency measurements				
device operates (MHz)	Lowest frequency	Highest frequency			
Below 1.705	Lowest frequency generated in the device, but not lower than 9 kHz	30 MHz.			
1.705 to 30	Lowest frequency generated in the device, but not lower than 9 kHz	400 MHz.			
30 to 500	Lowest frequency generated in the device or 25 MHz, whichever is lower	Tenth harmonic or 1,000 MHz, whichever is higher.			
500 to 1,000	Lowest frequency generated in the device or 100 MHz, whichever is lower	Tenth harmonic.			
Above 1,000	do	Tenth harmonic or highest detectable emission.			

TEST PROCEDURE

- 1) The testing follows the guidelines in FCC / OST MP-5.
- 2) The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 3) The EUT was placed on a turntable with 1m meter above ground.
- 4) The EUT was set 3 meters from the interference receiving antenna, test antenna mast is remotely controlled and can be varied in height form 1m to 4m.
- 5) 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.
- 6) 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.



7) For ovens rated at 1000 watts or less power output, the beaker shall contain quantities of water as listed in the following subparagraphs. For ovens rated at more than 1000 watts output, each quantity shall be increased by 50% for each 500 watts or fraction thereof in excess of 1000 watts,

a). Load for measurement of radiation on second and third harmonic; Two loads, one of 700ml and the other of 300ml, of water are used. Each load is tested both with the beaker located in the center of the oven and with it in the right front corner.

b). All other emissions were measured while a 700ml water load was placed in the center of the oven.

8) The setting of the spectrum analyser

RBW	100kHz
VBW	300kHz
Detector	Peak / Average [#]

Note: # Peak for pre-scan, average for the final result.

TEST SETUP



Below 1 GHz and above 30 MHz

TEST ENVIRONMENT

Temperature	23.7 ℃	Relative Humidity	58%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date January 17, 2025 Test By Karl Wu
--

TEST MODE

Pre-test Mode:	M02
Final Test Mode:	M02



TEST RESULTS

Test Mode:	M02	Polarity:	Horizontal
Test Voltage:	AC 120V_60Hz		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	41.6400	45.92	-14.46	31.46	70.37	-38.91	peak
2	107.6000	57.41	-15.27	42.14	70.37	-28.23	peak
3	257.9500	54.16	-13.43	40.73	70.37	-29.64	peak
4	529.5500	47.33	-5.98	41.35	70.37	-29.02	peak
5	741.0100	39.35	-1.50	37.85	70.37	-32.52	peak
6	758.4699	36.32	-1.18	35.14	70.37	-35.23	peak

- 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
- 2. Margin = Result Limit
- 3. If the peak values are less than the average limit, the peak result is deemed to comply with average limit.







No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	31.9400	58.85	-14.12	44.73	70.37	-25.64	peak
2	35.8200	57.54	-14.24	43.30	70.37	-27.07	peak
3	110.5100	59.43	-15.05	44.38	70.37	-25.99	peak
4	113.4200	57.44	-14.93	42.51	70.37	-27.86	peak
5	529.5500	43.81	-5.98	37.83	70.37	-32.54	peak
6	721.6100	41.43	-2.18	39.25	70.37	-31.12	peak

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)

2. Margin = Result - Limit

3. If the peak values are less than the average limit, the peak result is deemed to comply with average limit.



7.3. RADIATED EMISSIONS (1GHZ~25GHZ)

LIMITS

- a) ISM equipment operating on a frequency specified in §18.301 is permitted unlimited radiated energy in the band specified for that frequency.
- b) The field strength levels of emissions which lie outside the bands specified in §18.301, unless otherwise indicated, shall not exceed the following:

Equipment	Operating frequency	RF Power generated by equipment (watts)	Field strength limit (uV/m)	Distance (meters)
Any type unless	ApyleM	Below 500	25	300
otherwise specified (miscellaneous)	frequency	500 or more	25 × SQRT(power/500)	¹ 300*

¹Field strength may not exceed 10 μ V/m at 1600 meters. Consumer equipment operating below 1000 MHz is not permitted the increase in field strength otherwise permitted here for power over 500 watts.

Note: (1). dBuV/m = 20log(uV/m)

(2). dBuV/m @3m = dBuV/m @300m + 20log(300m/3m)

c) Frequency range for field strength measurements:

Frequency band in which	Range of frequency measurements	
device operates (MHz)	Lowest frequency	Highest frequency
Below 1.705	Lowest frequency generated in the device, but not lower than 9 kHz	30 MHz.
1.705 to 30	Lowest frequency generated in the device, but not lower than 9 kHz	400 MHz.
30 to 500	Lowest frequency generated in the device or 25 MHz, whichever is lower	Tenth harmonic or 1,000 MHz, whichever is higher.
500 to 1,000	Lowest frequency generated in the device or 100 MHz, whichever is lower	Tenth harmonic.
Above 1,000	do	Tenth harmonic or highest detectable emission.

TEST PROCEDURE

- 1) The testing follows the guidelines in FCC / OST MP-5.
- 2) The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 3) The EUT was placed on a turntable with 1m meter above ground.
- 4) The EUT was set 3 meters from the interference receiving antenna, test antenna mast is remotely controlled and can be varied in height form 1m to 4m.
- 5) 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.
- 6) 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.



7) For ovens rated at 1000 watts or less power output, the beaker shall contain quantities of water as listed in the following subparagraphs. For ovens rated at more than 1000 watts output, each quantity shall be increased by 50% for each 500 watts or fraction thereof in excess of 1000 watts,

a). Load for measurement of radiation on second and third harmonic; Two loads, one of 700ml and the other of 300ml, of water are used. Each load is tested both with the beaker located in the center of the oven and with it in the right front corner.

b). All other emissions were measured while a 700ml water load was placed in the center of the oven.

8) The setting of the spectrum analyser

RBW	1MHz
VBW	3MHz
Detector	Peak / Average [#]

Note: # Peak for pre-scan, average for the final result.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.7 ℃	Relative Humidity	56%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date January 24, 2025 Test By Karl Wu
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TEST MODE

Pre-test Mode:	M02 ~ M05
Final Test Mode:	M02, M04

Note: All test modes had been tested, but only the worst data recorded in the report.



TEST RESULTS

Test Mode:	M02	Polarity:	Horizontal
Test Voltage:	AC 120V_60Hz		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1874.000	35.78	30.04	65.82	70.37	-4.55	peak
2	2012.000	36.60	30.47	67.07	70.37	-3.30	peak
3	2312.000	26.03	31.43	57.46	70.37	-12.91	AVG
4	2338.000	22.10	31.54	53.64	70.37	-16.73	AVG
5	2378.000	29.31	31.69	61.00	70.37	-9.37	AVG
6	2400.000	62.56	31.77	94.33	/	/	exempted
							frequency band
7	2454.000	83.58	31.92	115.50	/	/	exempted
							frequency band
8	2500.000	43.26	32.04	75.30	/	/	exempted
							frequency band
9	2532.000	21.64	32.14	53.78	70.37	-16.59	AVG
10	2652.000	14.36	32.53	46.89	70.37	-23.48	AVG

- 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
- 2. Margin = Result Limit
- 3. If the peak values are less than the average limit, the peak result is deemed to comply with average limit.







No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2004.000	35.82	31.35	67.17	70.37	-3.20	peak
2	2308.000	27.90	32.25	60.15	70.37	-10.22	AVG
3	2382.000	28.72	32.53	61.25	70.37	-9.12	AVG
4	2400.000	55.29	32.59	87.88	/	/	exempted
							frequency band
5	2446.000	82.42	32.70	115.12	/	/	exempted
							frequency band
6	2500.000	39.33	32.84	72.17	/	/	exempted
							frequency band
7	2542.000	23.43	33.02	56.45	70.37	-13.92	AVG
8	2656.000	17.97	33.50	51.47	70.37	-18.90	AVG

- 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
- 2. Margin = Result Limit
- 3. If the peak values are less than the average limit, the peak result is deemed to comply with average limit.







No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4215.000	52.78	-1.50	51.28	70.37	-19.09	AVG
2	4920.000	50.20	0.58	50.78	70.37	-19.59	AVG
3	7350.000	43.88	6.92	50.80	70.37	-19.57	AVG
4	8565.000	40.28	9.11	49.39	70.37	-20.98	AVG
5	9855.000	39.27	13.20	52.47	70.37	-17.90	AVG
6	12600.000	32.46	19.35	51.81	70.37	-18.56	AVG
7	14775.000	33.33	20.54	53.87	70.37	-16.50	AVG
8	16965.000	23.61	23.39	47.00	70.37	-23.37	AVG
9	17265.000	24.01	24.17	48.18	70.37	-22.19	AVG

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)









No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4080.000	44.58	-1.98	42.60	70.37	-27.77	AVG
2	4290.000	48.77	-1.24	47.53	70.37	-22.84	AVG
3	6780.000	37.15	5.65	42.80	70.37	-27.57	AVG
4	7365.000	45.73	6.94	52.67	70.37	-17.70	AVG
5	9825.000	37.00	13.20	50.20	70.37	-20.17	AVG
6	11550.000	33.76	18.40	52.16	70.37	-18.21	AVG
7	12780.000	31.10	19.80	50.90	70.37	-19.47	AVG
8	14730.000	27.55	20.77	48.32	70.37	-22.05	AVG
9	17070.000	26.50	23.67	50.17	70.37	-20.20	AVG

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)







No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	3120.000	48.41	-4.54	43.87	70.37	-26.50	AVG
2	4335.000	46.88	-1.09	45.79	70.37	-24.58	AVG
3	4920.000	50.69	0.58	51.27	70.37	-19.10	AVG
4	7365.000	45.42	6.94	52.36	70.37	-18.01	AVG
5	8400.000	41.70	8.79	50.49	70.37	-19.88	AVG
6	8940.000	44.85	9.89	54.74	70.37	-15.63	AVG
7	9795.000	39.00	13.18	52.18	70.37	-18.19	AVG
8	10065.000	39.12	13.27	52.39	70.37	-17.98	AVG
9	14835.000	34.36	20.24	54.60	70.37	-15.77	AVG
10	17250.000	33.82	24.14	57.96	70.37	-12.41	AVG

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)









No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4230.000	60.36	-1.45	58.91	70.37	-11.46	AVG
2	4920.000	58.74	0.58	59.32	70.37	-11.05	AVG
3	7350.000	53.53	6.92	60.45	70.37	-9.92	AVG
4	8205.000	50.67	8.45	59.12	70.37	-11.25	AVG
5	12585.000	30.84	19.34	50.18	70.37	-20.19	AVG
6	14700.000	37.45	20.92	58.37	70.37	-12.00	AVG
7	16980.000	29.88	23.42	53.30	70.37	-17.07	AVG
8	17295.000	32.91	24.25	57.16	70.37	-13.21	AVG

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)



Test Mode:	M02	Polarity:	Horizontal
Test Voltage:	AC 120V_60Hz		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18273.000	67.69	-2.44	65.25	70.37	-5.12	peak
2	18483.000	53.51	-3.10	50.41	70.37	-19.96	AVG
3	19750.000	69.74	-3.52	66.22	70.37	-4.15	peak
4	21353.000	66.81	-2.28	64.53	70.37	-5.84	peak
5	22200.000	67.84	-1.87	65.97	70.37	-4.40	peak
6	24657.000	64.97	0.23	65.20	70.37	-5.17	peak

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)

2. Margin = Result - Limit

3. If the peak values are less than the average limit, the peak result is deemed to comply with average limit.







No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18497.000	54.59	-3.13	51.46	70.37	-18.91	AVG
2	19729.000	69.18	-3.50	65.68	70.37	-4.69	peak
3	20975.000	67.62	-2.56	65.06	70.37	-5.31	peak
4	22207.000	68.77	-1.89	66.88	70.37	-3.49	peak
5	22774.000	65.66	-1.47	64.19	70.37	-6.18	peak
6	23411.000	66.68	-0.56	66.12	70.37	-4.25	peak
7	24650.000	64.83	0.20	65.03	70.37	-5.34	peak

- 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
- 2. Margin = Result Limit
- 3. If the peak values are less than the average limit, the peak result is deemed to comply with average limit.



7.4. OPERATING FREQUENCY

LIMITS

2400MHz~2500MHz

TEST PROCEDURE

The EUT was setup inside the Fully Anechoic chamber, and a double ridge horn antenna and spectrum analyzer were used to measure the fundamental frequency of the EUT.

1) FREQUENCY FOR NORMAL VOLTAGE

The operating frequency was measured using a spectrum analyzer. Starting with the EUT at room temperature, a 1000mL water load was placed in the center of the oven and the oven was operated at maximum output power. The fundamental operating frequency was monitored until the water load was reduced to 20 percent of the original load. This test is made with nominal rated ac supply voltage.

2) FREQUENCY FOR LINE VOLTAGE

The EUT was operated / warmed by at least 10 minutes of use with a 1000 mL water load at room temperature at the beginning of the test. Then the operating frequency was monitored as the input voltage was varied between 80% and 125% of the nominal rating.

TEST SETUP





TEST ENVIRONMENT

Temperature	24.7 ℃	Relative Humidity	56%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date January 24, 2025	Test By	Karl Wu	
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TEST MODE

Pre-test Mode:	M01
Final Test Mode:	M01

Note: 1. Only the worst volume of water was recorded in the report.

2. Only the worst voltage of rated was recorded in the report.



TEST RESULTS

Test Mode:	M01	Polarity:	Horizontal
Test Voltage:	AC 120V_60Hz	Volume of Water:	1000mL



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2180.000	20.56	30.94	51.50	70.37	-18.87	AVG
2	2240.000	18.97	31.15	50.12	70.37	-20.25	AVG
3	2312.000	21.20	31.43	52.63	70.37	-17.74	AVG
4	2386.000	19.97	31.71	51.68	70.37	-18.69	AVG
5	2400.000	48.97	31.77	80.74	/	/	ISM frequency
6	2470.000	83.00	31.96	114.96	/	/	ISM frequency
7	2500.000	39.97	32.04	72.01	/	/	ISM frequency
8	2540.000	20.32	32.17	52.49	70.37	-17.88	AVG
9	2658.000	16.83	32.55	49.38	70.37	-20.99	AVG
10	2718.000	14.55	32.74	47.29	70.37	-23.08	AVG

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)



Test Mode:	M01	Polarity:	Vertical
Test Voltage:	AC 120V_60Hz	Volume of Water:	1000mL



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2034.000	16.18	31.43	47.61	70.37	-22.76	AVG
2	2304.000	15.76	32.24	48.00	70.37	-22.37	AVG
3	2400.000	51.39	32.59	83.98	/	/	ISM frequency
4	2470.000	88.24	32.77	121.01	/	/	ISM frequency
5	2500.000	37.34	32.84	70.18	/	/	ISM frequency
6	2536.000	24.53	33.00	57.53	70.37	-12.84	AVG
7	2670.000	16.67	33.55	50.22	70.37	-20.15	AVG
8	2728.000	17.47	33.79	51.26	70.37	-19.11	AVG

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)



Test Mode:	M01	Polarity:	Horizontal
Test Voltage:	AC 120V_60Hz	Volume of Water:	700mL



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1874.000	35.78	30.04	65.82	70.37	-4.55	peak
2	2012.000	36.60	30.47	67.07	70.37	-3.30	peak
3	2312.000	26.03	31.43	57.46	70.37	-12.91	AVG
4	2338.000	22.10	31.54	53.64	70.37	-16.73	AVG
5	2378.000	29.31	31.69	61.00	70.37	-9.37	AVG
6	2400.000	62.56	31.77	94.33	/	/	exempted
							frequency band
7	2454.000	83.58	31.92	115.50	/	/	exempted
							frequency band
8	2500.000	43.26	32.04	75.30	/	/	exempted
							frequency band
9	2532.000	21.64	32.14	53.78	70.37	-16.59	AVG
10	2652.000	14.36	32.53	46.89	70.37	-23.48	AVG

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)



Test Mode:	M01	Polarity:	Vertical
Test Voltage:	AC 120V_60Hz	Volume of Water:	700mL



	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2004.000	35.82	31.35	67.17	70.37	-3.20	peak
2	2308.000	27.90	32.25	60.15	70.37	-10.22	AVG
3	2382.000	28.72	32.53	61.25	70.37	-9.12	AVG
4	2400.000	55.29	32.59	87.88	/	/	exempted
							frequency band
5	2446.000	82.42	32.70	115.12	/	/	exempted
							frequency band
6	2500.000	39.33	32.84	72.17	/	/	exempted
							frequency band
7	2542.000	23.43	33.02	56.45	70.37	-13.92	AVG
8	2656.000	17.97	33.50	51.47	70.37	-18.90	AVG

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)



Test Mode:	M01	Polarity:	Horizontal
Test Voltage:	AC 120V_60Hz	Volume of Water:	300mL



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2046.000	35.28	30.57	65.85	70.37	-4.52	peak
2	2312.000	14.77	31.43	46.20	70.37	-24.17	AVG
3	2356.000	15.45	31.60	47.05	70.37	-23.32	AVG
4	2376.000	16.54	31.68	48.22	70.37	-22.15	AVG
5	2400.000	53.46	31.77	85.23	/	/	ISM frequency
6	2454.000	85.47	31.92	117.39	/	/	ISM frequency
7	2500.000	35.26	32.04	67.30	/	/	ISM frequency
8	2546.000	18.11	32.19	50.30	70.37	-20.07	AVG
9	2576.000	18.97	32.29	51.26	70.37	-19.11	AVG
10	2610.000	18.80	32.40	51.20	70.37	-19.17	AVG
11	2662.000	15.70	32.56	48.26	70.37	-22.11	AVG
12	2724.000	17.66	32.75	50.41	70.37	-19.96	AVG
13	2900.000	34.65	33.30	67.95	70.37	-2.42	peak

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)



Test Mode:	M01	Polarity:	Vertical
Test Voltage:	AC 120V_60Hz	Volume of Water:	300mL



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2186.000	18.43	31.82	50.25	70.37	-20.12	AVG
2	2310.000	24.84	32.26	57.10	70.37	-13.27	AVG
3	2366.000	20.93	32.47	53.40	70.37	-16.97	AVG
4	2400.000	46.60	32.59	79.19	/	/	ISM frequency
5	2452.000	79.92	32.72	112.64	/	/	ISM frequency
6	2500.000	36.70	32.84	69.54	/	/	ISM frequency
7	2538.000	20.39	33.01	53.40	70.37	-16.97	AVG
8	2720.000	17.21	33.76	50.97	70.37	-19.40	AVG

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)



Test Mode:	M01	Polarity:	Horizontal
Test Voltage:	AC 96V_60Hz		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2306.000	26.71	31.41	58.12	70.37	-12.25	AVG
2	2400.000	55.10	31.77	86.87	/	/	ISM frequency
3	2464.000	87.43	31.94	119.37	/	/	ISM frequency
4	2500.000	39.48	32.04	71.52	/	/	ISM frequency
5	2528.000	25.46	32.13	57.59	70.37	-12.78	AVG
6	2658.000	15.72	32.55	48.27	70.37	-22.10	AVG
7	2712.000	18.38	32.72	51.10	70.37	-19.27	AVG

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)





Test Mode:	M01	Polarity:	Vertical
Test Voltage:	AC 96V_60Hz		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2200.000	15.70	31.86	47.56	70.37	-22.81	AVG
2	2308.000	24.35	32.25	56.60	70.37	-13.77	AVG
3	2364.000	22.67	32.45	55.12	70.37	-15.25	AVG
4	2382.000	21.79	32.53	54.32	70.37	-16.05	AVG
5	2400.000	56.09	32.59	88.68	/	/	ISM frequency
6	2460.000	87.63	32.74	120.37	/	/	ISM frequency
7	2500.000	39.41	32.84	72.25	/	/	ISM frequency
8	2542.000	24.28	33.02	57.30	70.37	-13.07	AVG
9	2652.000	19.15	33.49	52.64	70.37	-17.73	AVG
10	2726.000	19.38	33.78	53.16	70.37	-17.21	AVG
11	2762.000	20.26	33.93	54.19	70.37	-16.18	AVG

- 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
- 2. Margin = Result Limit







No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	24.79	31.42	56.21	70.37	-14.16	AVG
2	2400.000	53.75	31.77	85.52	/	/	ISM frequency
3	2500.000	41.11	32.04	73.15	/	/	ISM frequency
4	2540.000	25.54	32.17	57.71	70.37	-12.66	AVG
5	2648.000	16.74	32.51	49.25	70.37	-21.12	AVG
6	2722.000	21.42	32.75	54.17	70.37	-16.20	AVG

- 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
- 2. Margin = Result Limit
- 3. According to the declaration of the manufacturer, the EUT support maximum operating voltage of nominal supply voltage multiplier 1.1





Test Mode:	M01	Polarity:	Vertical
Test Voltage:	AC 132V_60Hz		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2302.000	19.23	32.23	51.46	70.37	-18.91	AVG
2	2358.000	17.86	32.43	50.29	70.37	-20.08	AVG
3	2378.000	21.47	32.51	53.98	70.37	-16.39	AVG
4	2400.000	53.62	32.59	86.21	/	/	ISM frequency
5	2452.000	83.16	32.72	115.88	/	/	ISM frequency
6	2500.000	41.79	32.84	74.63	/	/	ISM frequency
7	2530.000	26.30	32.97	59.27	70.37	-11.10	AVG
8	2564.000	21.07	33.11	54.18	70.37	-16.19	AVG
9	2636.000	18.47	33.42	51.89	70.37	-18.48	AVG
10	2716.000	15.42	33.75	49.17	70.37	-21.20	AVG
11	2762.000	16.38	33.93	50.31	70.37	-20.06	AVG

- 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
- 2. Margin = Result Limit
- 3. According to the declaration of the manufacturer, the EUT support maximum operating voltage of nominal supply voltage multiplier 1.1



7.5. INPUT POWER

TEST PROCEDURE

- 1) The input power and current was measured using a power source.
- 2) For ovens rated at 1000 watts or less power output, the beaker shall contain quantities of water as listed in the following subparagraphs, for ovens rated at more than 1000 watts output, each quantity shall be increased by 50% for each 500 watts or fraction there of in excess of 1000 watts,

A 700ml water load in a beaker was located in the center of the microwave oven and the microwave oven was set to full power.

TEST ENVIRONMENT

Temperature	24.6 ℃	Relative Humidity	52.8%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date January 17, 2025 Test By Karl Wu
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TEST MODE

Pre-test Mode:	M01
Final Test Mode:	M01

TEST RESULTS

Input Voltage (Vac)	Input Current (A)	Power Factor	Measured Input Power	Rated Input Power
()			(VV)	(VV)
120V	13.326	0.88	1436	1350

Input Power



7.6. OUTPUT POWER

TEST PROCEDURE

- 1) The caloric method was used to determine full output power.
- For ovens rated at 1000 watts or less power output, the beaker shall contain quantities of water as listed in the following subparagraphs, For ovens rated at more than 1000 watts output, each quantity shall be increased by 50% for each 500 watts or fraction thereofin excess of 1000 watts, Load for power output measurement: 1000 milliliters of water in the beaker located in

the center of the oven

- 3) The Microwave Oven was set to maximum power and operation 120 seconds, Then measure and record the temperature of the water.
- 4) According to the calculated formula:

<u>**P=4.187*m**water*(T₂-T₁) / Time</u> P: the microwave power output(W) m_{water} : the mass of the water(g) T₁: the initial temperature of the water(°C) T₂: the final temperature of the water(°C) Time: the heating time (second)

TEST ENVIRONMENT

Temperature	23.5 ℃	Relative Humidity	54.8%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

TEST MODE

Pre-test Mode:	M01
Final Test Mode:	M01



TEST RESULTS

m _{water} (g)	T ₁ (°C)	T ₂ (°C)	Time (second)	P (W)
1000	19.39	44.38	120	871.94

Field strength limit

P (W)	Field strength limit 25 x SQRT (power/500)		
	(uV/m) @300m	dBuV/m@300m	dBuV/m@3m
871.94	33.01	30.37	70.37

dBuV/m = 20log(uV/m)

dBuV/m @3m = dBuV/m @300m + 20log(300m/3m)



7.7. RADIATION HAZARD

LIMITS

Maximum Emission (mW/cm ²⁾	
1.00	

TEST PROCEDURE

- 1) The EUT was set-up according to the FCC MP-5 and Part 18 for Radiation Hazard Measurement.
- 2) The measurement was using a microwave leakage meter to measure the Radiation leakage in the as-received condition with the oven door closed.
- 3) For ovens rated at 1000 watts or less power output, the beaker shall contain quantities of water as listed in the following subparagraphs, for ovens rated at more than 1000 watts output, each quantity shall be increased by 50% for each 500 watts or fraction thereofin excess of 1000 watts,

A 700ml water load in a beaker was located in the center of the oven and the Household Microwave Combi Oven was set to maximum power.

4) While the oven operating, the microwave survey meter probe was moved slowly around the door seams the check for maximum leakage.

TEST SETUP



TEST ENVIRONMENT

Temperature	23.5 ℃	Relative Humidity	54.8%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date January 7, 2025	Test By	Karl Wu
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TEST MODE

Pre-test Mode:	M02
Final Test Mode:	M02



TEST RESULTS

Radiation Hazard

Maximum expose value (mW/cm ²)	Limit (mW/cm ²)	Result
0.566	1.00	Pass

END OF REPORT