TEST REPORT

Applicant Name:	Whirlpool Microwave Products Development Limited.
Address:	17th Fl, Elite Centre,22 Hung To Rd,Kwun Tong, Hong Kong
Report Number:	2501V13655E-EM-00A1
FCC ID:	PR4FLUSHP2Y

Test Standard (s)

FCC PART 18

Sample Description

Product Type:	Household microwave oven
Model No.:	YKMMF530P
Multiple Model(s) No.:	YKMMF730P,YJMHF930R
Trade Mark:	KitchenAid, JennAir
Date Received:	2025/07/28
Issue Date:	2025/08/28

Test Result:	Pass▲

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Ethan Bu

EMC Engineer

Approved By:

Moon Liu

EMC Supervisor

Note: The information marked # is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

This report may contain data that are not covered by the NVLAP accreditation and are marked with an asterisk "▼".

TABLE OF CONTENTS

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2501V13655E-EM-00A1	Original Report	2025/08/28

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product	Household microwave oven
Tested Model	YKMMF530P
Multiple Model(s)	YKMMF730P,YJMHF930R
Voltage Range	AC 120V/60Hz
Highest operating frequency[#]	2450MHz±50MHz
Microwave Output power[#]	850W
Microwave Input power[#]	1500W
Sample serial number	37ID-1 (Assigned by BACL, Shenzhen)
Sample/EUT Status	Good condition
Adapter Information	N/A
Note: The Multiple models are electrically identical with the test model except for appearances, model name and brands name. Please refer to the declaration letter[#] for more detail, which was provided by manufacturer.	

Objective

This report is in accordance with Part 2-Subpart J, and Part 18-Subparts A, B and C of the Federal Communication Commissions rules and regulations.

The objective of the manufacturer is to determine compliance with FCC Part 18 limits.

Measurement Uncertainty

Item	Frequency Range		Expanded Measurement uncertainty
Conducted Emissions	AC Mains	150kHz ~30MHz	3.66dB(k=2, 95% level of confidence)
Radiated Emissions	0.009MHz~30MHz	/	3.60dB(k=2, 95% level of confidence)
	30MHz~200MHz	Horizontal	5.32dB(k=2, 95% level of confidence)
	30MHz~200MHz	Vertical	5.43dB(k=2, 95% level of confidence)
	200MHz~1000MHz	Horizontal	5.77dB(k=2, 95% level of confidence)
	200MHz~1000MHz	Vertical	5.73dB(k=2, 95% level of confidence)
	1GHz~6GHz	/	5.34dB(k=2, 95% level of confidence)
	6GHz~18GHz	/	5.40dB(k=2, 95% level of confidence)
	18GHz~40GHz	/	5.64dB(k=2, 95% level of confidence)
Nerve Simulation	H-Field		0.74dB(k=2, 95% level of confidence)
	E-Field		1.14dB(k=2, 95% level of confidence)

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West), 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 715558, the FCC Designation No. : CN5045.

Each test item follows test standards and with no deviation.

OPERATING CONDITION/TEST CONFIGURATION

Description of Test Configuration

The EUT was operated at maximum (continuous) RF output power. The loads consisted of water in a glass beaker in the amounts specified in the test procedure.

Test Mode: Microwave heating

EUT Exercise Software

No exercise software was used.

Special Accessories

No special accessory was used.

Equipment Modifications

No modifications were made to the EUT tested.

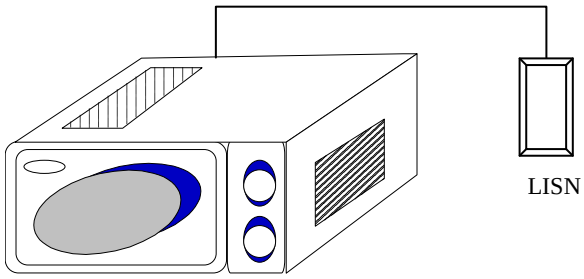
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
WEIY	Glass Beaker	GG-17 1000ml	Unknown

External Cable List and Details

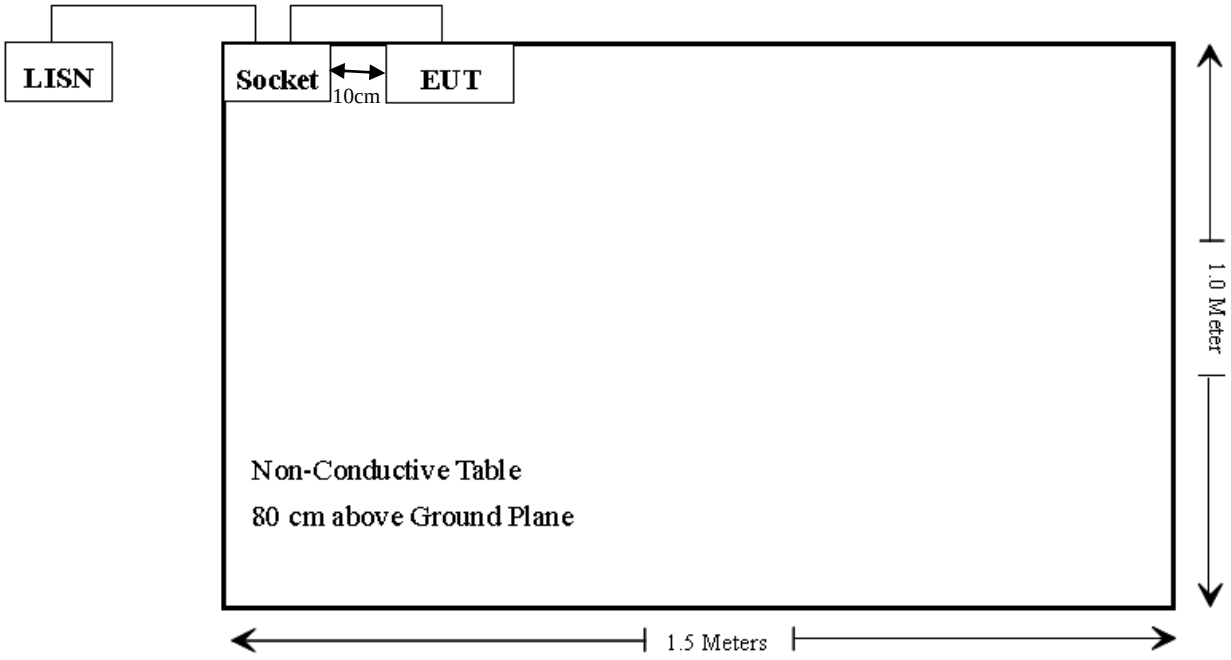
Cable Description	Length (m)	From/Port	To
Un-Shielding Un-Detachable AC Cable	1.0	Socket	LISN/Mains
Un-Shielding Un-Detachable AC Cable	1.0	Socket	EUT

Configuration of Test Setup

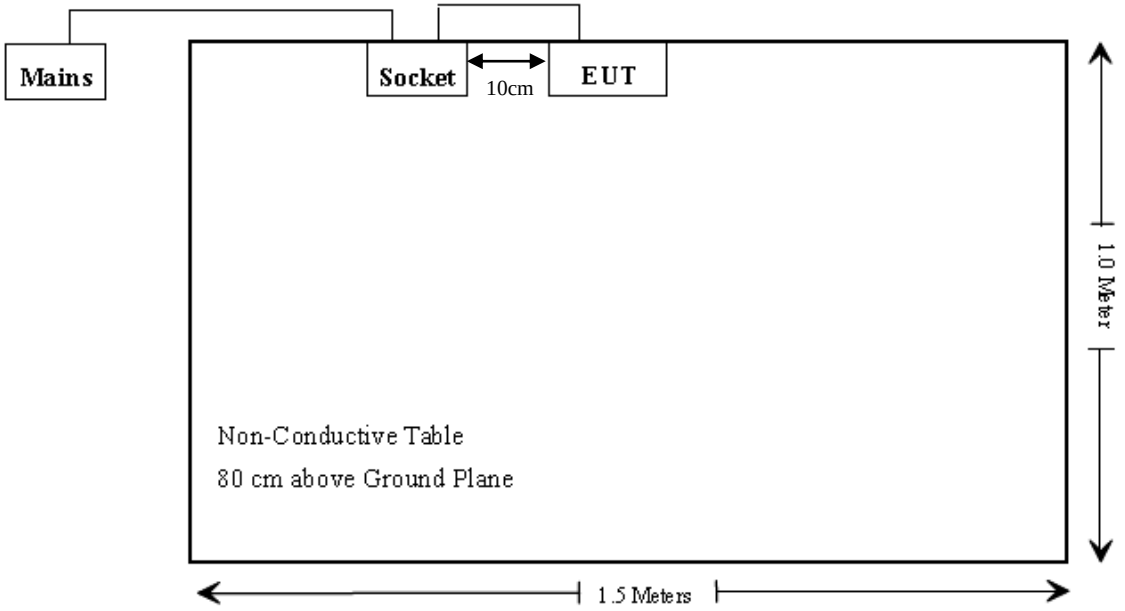


Block Diagram of Test Setup

Conducted Emissions：



Radiation Emissions：



SUMMARY OF TEST RESULT

FCC Rules	Description of Test	Results
§18.307	AC Line Conducted Emissions	Compliant
FCC/OST MP-5 FCC §18.301	Radiation Hazard Measurement	Compliant
§18.305	Field Strength	Compliant
FCC/ §18.313 §1.1310 §1.1091	Maximum Permissible Exposure	Compliant

Note:
1.This is a CIIPC application of the device; the differences between the original device and the current device are as follows:

(1) Changing the magnetron.

(2) Changing the trade name to “KitchenAid, JennAir”.

(3) Changing the transformer.

(4) Changing the H.V. capacitor.

(5) Update the main board.

(6) Changing the model name to “YKMMF530P, YKMMF730P, YJMHF930R”

(7) Changing the appearance.

Based on the above differences, it will affect all the test items, all the test items were performed.and we will updated the EUT photos also.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions					
Rohde & Schwarz	EMI Test Receiver	ESCI	101120	2024/12/04	2025/12/03
Rohde & Schwarz	LISN	ENV216	101613	2024/12/04	2025/12/03
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2025/04/29	2026/04/28
Unknown	CE Cable	Unknown	UF A210B-1-0720-504504	2025/04/29	2026/04/28
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
Radiation Hazard Measurement					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2024/12/04	2025/12/03
Sonoma instrument	Pre-amplifier	310 N	186238	2025/04/29	2026/04/28
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
Unknown	Cable	Chamber A Cable 1	N/A	2025/04/29	2026/04/28
Unknown	Cable	XH500C	J-10M-A	2025/04/29	2026/04/28
BACL	Active Loop Antenna	1313-1A	4031911	2024/05/14	2027/05/13
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2025/03/26	2026/03/25
A.H.System	Preamplifier	PAM-0118P	489	2024/11/15	2025/11/14
Schwarzbeck	Horn Antenna	BBHA9120D (1201)	1143	2023/07/26	2026/07/25
Unknown	RF Cable	KMSE	735	2024/12/06	2025/12/05
Unknown	RF Cable	UFA147	219661	2024/12/06	2025/12/05
Unknown	RF Cable	XH750A-N	J-10M	2024/12/06	2025/12/05
JD	Filter Switch Unit	DT7220FSU	DS79906	2024/09/09	2025/09/08
JD	Multiplex Switch Test Control Set	DT7220SCU	DS79903	2024/09/09	2025/09/08
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
A.H.System	Pre-amplifier	PAM-1840VH	190	2025/04/29	2026/04/28
UTIFLEX	RF Cable	NO. 13	232308-001	2024/12/18	2025/12/17
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17
ETS	Microwave Survery Meter	HI-1501	3640274	2022/10/11	2025/10/10

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §18.313, §1.1310, §2.1091- MAXIMUM PERMISSIBLE EXPOSURE

Applicable Standard

According to §1.1310, radio frequency devices shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

Table 1 to § 1.1310(e)(1)—Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3–3.0	614	1.63	*(100)	≤6
3.0–30	1842/f	4.89/f	*($900/f^2$)	<6
30–300	61.4	0.163	1.0	<6
300–1,500			f/300	<6
1,500–100,000			5	<6
(ii) Limits for General Population/Uncontrolled Exposure				
0.3–1.34	614	1.63	*(100)	<30
1.34–30	824/f	2.19/f	*($180/f^2$)	<30
30–300	27.5	0.073	0.2	<30
300–1,500			f/1500	<30
1,500–100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

Calculation formula:
Prediction of power density at the distance of the applicable MPE limit
$S = PG/4\pi R^2$ = power density (in appropriate units, e.g. mW/cm2);
P = power input to the antenna (in appropriate units, e.g., mW);
G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;
R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

Measurement

Environmental Conditions

Temperature:	25.8 ℃
Relative Humidity:	69 %
ATM Pressure:	100.2 kPa

The testing was performed by Ethan Bu on 2025-08-08.

Radiation leakage was measured in the as-received condition with the oven door closed using a microwave leakage meter.

A 275 mL water load was placed in the center of the oven and the oven was operated at maximum output power.

☒ There was no microwave leakage exceeding a power level of 0.1mW/cm^2 observed at any point 5 cm or more from the external surface of the oven.

A maximum of 1.0 mW/cm^2 is allowed in accordance with the applicable Federal Standards. Hence, microwave leakage in the as-received condition with the oven door closed was below the maximum allowed.

Simultaneously transmit Consideration:

Radio	Frequency (MHz)	Maximum Conducted Power including Tune-up Tolerance		Antenna Gain		Min. test separation distance (cm)	Power Density (mW/cm^2)	MPE Limit (mW/cm^2)	Verdict
		(dBm)	(mW)	(dBi)	(numeric)				
2.4G WLAN	2412-2462	22.0	158.49	4.2	2.63	20	0.0829	1.0	Pass
BT	2402-2480	3.0	2.0	4.2	2.63	20	0.0010	1.0	Pass
BLE	2402-2480	0	1.0	4.2	2.63	20	0.0005	1.0	Pass

Note: The device contains a certified Wi-Fi module(Model: RIGEL, FCC ID: 2AC7Z-RIGEL), the Maximum Conducted Power including Tune-up Tolerance and Antenna Gain in above table was refer from the module report.

Simultaneously transmit Consideration:

Microwave Oven + *Wi-Fi module*

The ratio=0.0829/1.0+0.1/1.0=0.1829<1

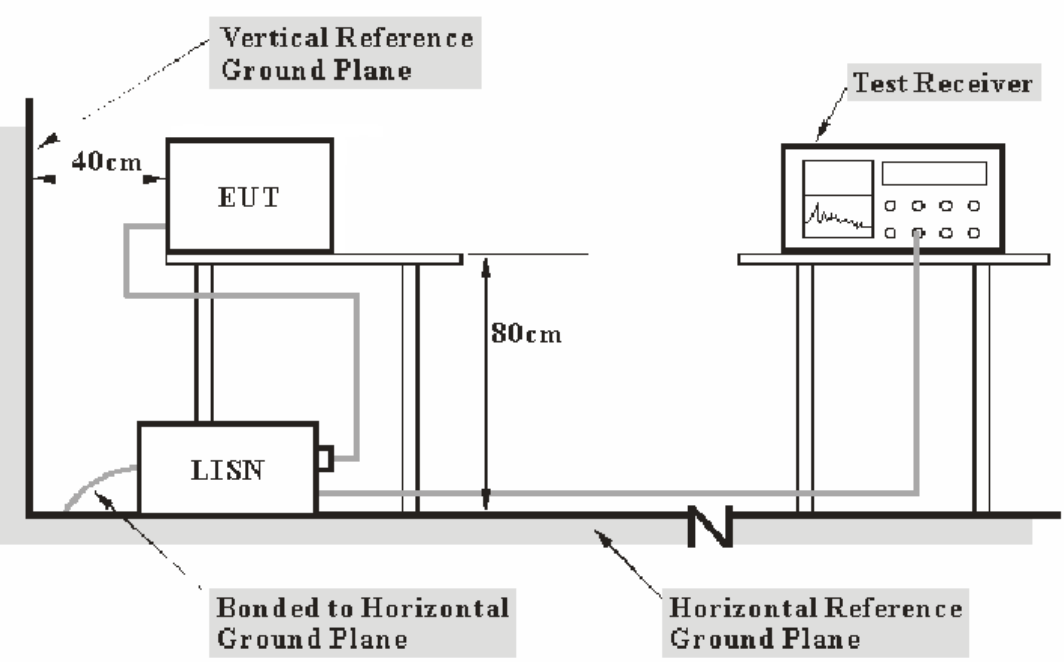
Result: Complied.

CONDUCTED EMISSIONS

Applicable Standard

FCC §18.307

EUT Setup



Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with MP-5: 1986 measurement procedure. Specification used was with the FCC Part 18.

The socket was connected to a 120 V_{AC}/ 60Hz power source.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW
150 kHz – 30 MHz	9 kHz

Test Procedure

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Test Data

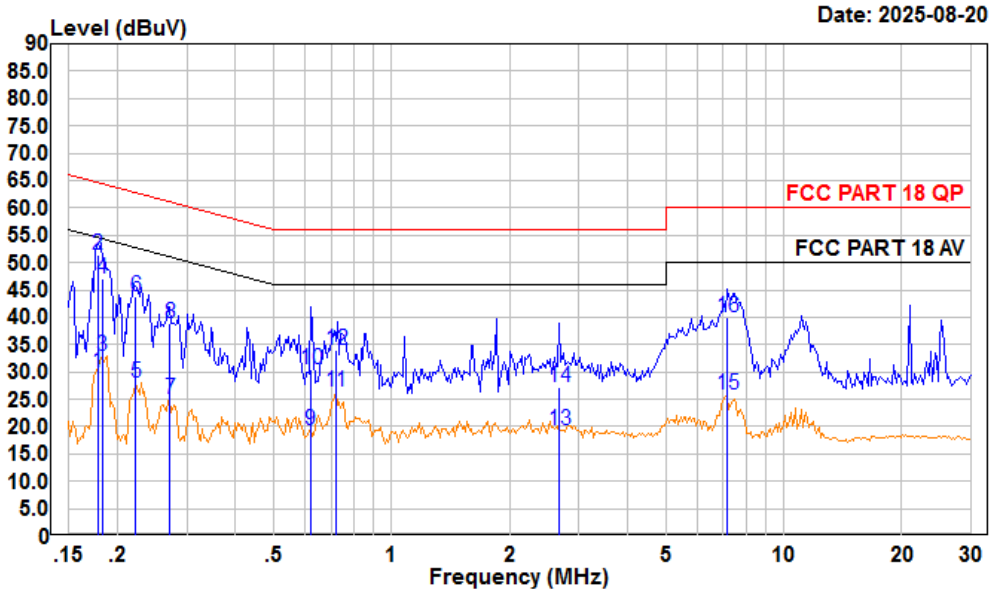
Environmental Conditions

Temperature:	25.9℃
Relative Humidity:	66 %
ATM Pressure:	100.4 kPa

The testing was performed by Alex Yan on 2025-08-20.

Test Mode: Mircrowave Heating

AC 120V/60 Hz, Line

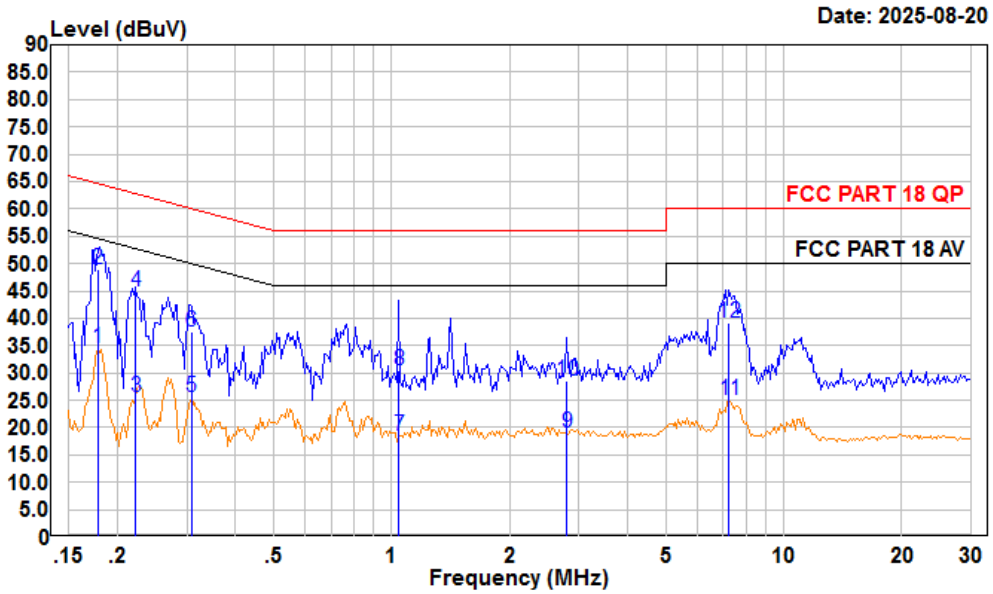


Trace: 1

Condition: Line
Project : 2501V13655E-EMA1
test Mode: Microwave heating
tester : Alex Yan Setting:RBW:9kHz

	Freq	Read Level	Level	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.178	9.21	29.98	10.19	54.59	-24.61	Average
2	0.178	30.55	51.32	10.19	64.59	-13.27	QP
3	0.183	12.11	32.91	10.19	54.35	-21.44	Average
4	0.183	26.20	47.00	10.19	64.35	-17.35	QP
5	0.222	7.18	28.05	10.19	52.74	-24.69	Average
6	0.222	22.79	43.66	10.19	62.74	-19.08	QP
7	0.272	4.14	24.97	10.20	51.06	-26.09	Average
8	0.272	18.16	38.99	10.20	61.06	-22.07	QP
9	0.621	-1.55	19.44	10.23	46.00	-26.56	Average
10	0.621	9.54	30.53	10.23	56.00	-25.47	QP
11	0.720	5.32	26.43	10.23	46.00	-19.57	Average
12	0.720	12.96	34.07	10.23	56.00	-21.93	QP
13	2.678	-1.86	19.42	10.26	46.00	-26.58	Average
14	2.678	5.80	27.08	10.26	56.00	-28.92	QP
15	7.175	4.92	25.73	10.23	50.00	-24.27	Average
16	7.175	19.05	39.86	10.23	60.00	-20.14	QP

AC 120V/60 Hz, Neutral



Trace: 1

Condition: Neutral
Project : 2501V13655E-EMA1
test Mode: Microwave heating
tester : Alex Yan Setting:RBW:9kHz

	Freq	Read Level	Level	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.178	13.83	34.66	10.19	54.58	-19.92	Average
2	0.178	28.24	49.07	10.19	64.58	-15.51	QP
3	0.222	4.65	25.61	10.19	52.74	-27.13	Average
4	0.222	23.91	44.87	10.19	62.74	-17.87	QP
5	0.308	4.75	25.60	10.19	50.02	-24.42	Average
6	0.308	16.67	37.52	10.19	60.02	-22.50	QP
7	1.043	-2.65	18.37	10.23	46.00	-27.63	Average
8	1.043	9.49	30.51	10.23	56.00	-25.49	QP
9	2.794	-1.98	19.12	10.26	46.00	-26.88	Average
10	2.794	7.44	28.54	10.26	56.00	-27.46	QP
11	7.252	4.22	25.04	10.23	50.00	-24.96	Average
12	7.252	18.22	39.04	10.23	60.00	-20.96	QP

RADIATION HAZARD MEASUREMENT

Applicable Standard

FCC §18.301 & FCC/OST MP-5

Environmental Conditions

Temperature:	23.5~26 ℃
Relative Humidity:	30~45 %
ATM Pressure:	101.0kPa

The testing was performed by Ethan Bu on 2025-08-08 and Wing K Ji on 2025-08-23.

Input Power

Input power and current was measured using a power analyzer. A 1000 mL water load was placed in the center of the oven and the oven was operated at maximum output power. A 1000mL water load was chosen for its compatibility with the procedure commonly used by manufacturers to determine their input ratings.

Input Voltage (V_{AC}/60Hz)	Input Current (Amps)	Measured Input Power (Watts)	Rated Input Power (Watts)
116.6	12.96	1511.14	1500

☒ Based on the measured input power, the EUT was found to be operating within the intended specifications.

Load for Microwave ovens

For all measurements, the energy developed by the oven was absorbed by a dummy load consisting of a quantity of tap water in a beaker. If the oven was provided with a shelf or other utensil support, this support was in its initial normal position. For ovens rated at 1000 watts or less power output, the beaker contained quantities of water as listed in the following subparagraphs. For ovens rated at more than 1000 watts output, each quantity was increased by 50% for each 500watts or fraction thereof in excess of 1000 watts. Additional beakers were 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.

RF Output Power Measurement

A cylindrical container of borosilicate glass is used for the test. It has a maximum thickness of 3 mm, an external diameter of approximately 190 mm and a height of approximately 90 mm. The mass of the container is determined.

At the start of the test, the oven and the empty container are at ambient temperature. Water having an initial temperature is used for the test. The water temperature is measured immediately before it is poured into the container.

A quantity of 1000 g ± 5 g of water is added to the container and its actual mass obtained. The container is then immediately placed in the centre of the oven shelf, which is in its lowest normal position. The oven is operated and the time for the water temperature to attain is measured. The oven is then switched off and the final water temperature is measured within 60 s.

m_w (g)	m_c (g)	T_0 (℃)	T_1 (℃)	T_2 (℃)	t (s)
1000	377.0	24.5	19.5	29.5	60

RF Output Power = (4.187 x 1000 x (29.5 –19.5) + 0.55 x 377.0 x (29.5- 24.5)) / 60= 715 Watts

P is the microwave power output, in watts;
m_w is the mass of the water, in grams;
m_c is the mass of the container, in grams;
T_0 is the ambient temperature, in degrees Celsius;
T_1 is the initial temperature of the water, in degrees Celsius;
T_2 is the final temperature of the water, in degrees Celsius;
t is the heating time, in seconds, excluding the magnetron filament heating-up time.

☐ The measurement output power was found to be less than 500 watts. Therefore, in accordance with Section 18.305 of Subpart-C, the measured out-of-band emissions were compared to the limit of 25μV/meter at a 300-meter measurement distance.

☒ The measured output power was found to exceed 500 watts. Therefore, in accordance with Section 18.305 of Subpart-C, the measured out-of-band emissions were compared with the limit calculated as following:

LFS = 25*SQRT (Power Output/500)

LFS = 25*SQRT (715/500)

LFS =29.90

Where: LFS is the maximum allowable field strength for out-of-band emissions in μV/meter at a 300-meter measurement distance. Power Output is the measured output power in watts.

LFS μV/m@300m	dBμV/m@300m	dBμV/m@3m
29.90	29.51	69.51

Note: Limit (dBμV/m@3m) = Limit (dBμV/m@300m) + 40(dB)

Operating Frequency Measurement

Variation in Operating Frequency with Time

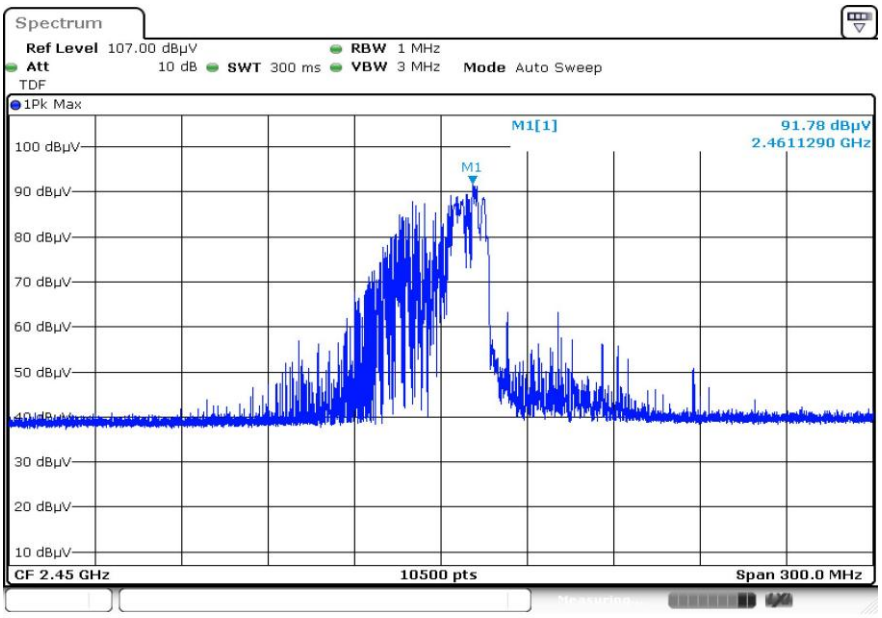
The operating frequency was measured using a spectrum analyzer. Starting with the EUT at room temperature, a 1000mL water load was placed in the center of the oven and the oven was operated at maximum output power. The fundamental operating frequency was monitored until the water load was reduced to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

The results of this test are as follows:

Frequency at Start time (MHz)	Frequency at End time (MHz)
2461.13	**2456.39**

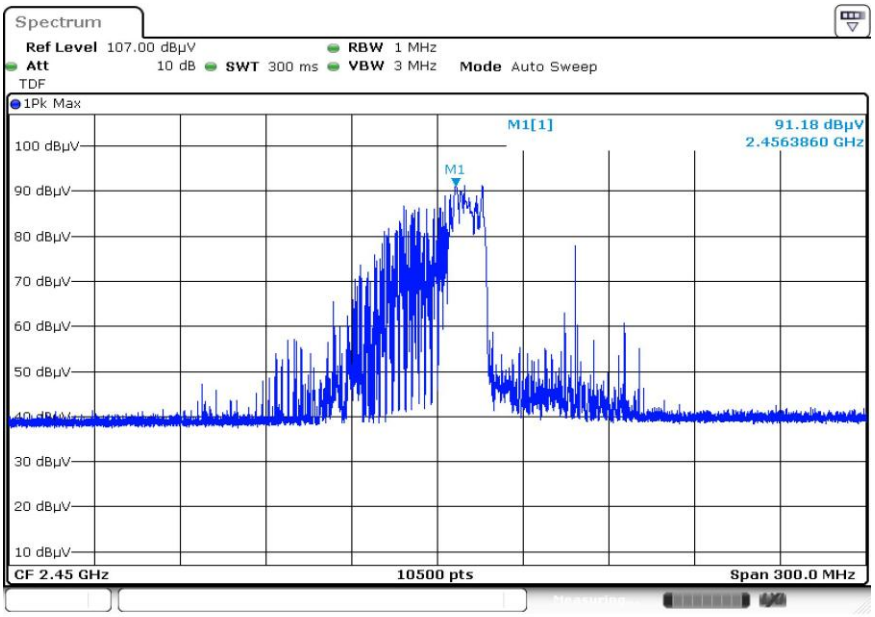
Refer to data pages for details of the variation in operating frequency with time measurement.

Start time:



ProjectNo.:2501V13655E-EMA1Tester:Wing K Ji
Date: 23.AUG.2025 14:39:35

End time:



ProjectNo.:2501V13655E-EMA1Tester:Wing K Ji
Date: 23.AUG.2025 15:00:42

Variation in Operating Frequency with 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 percent of the nominal rating.

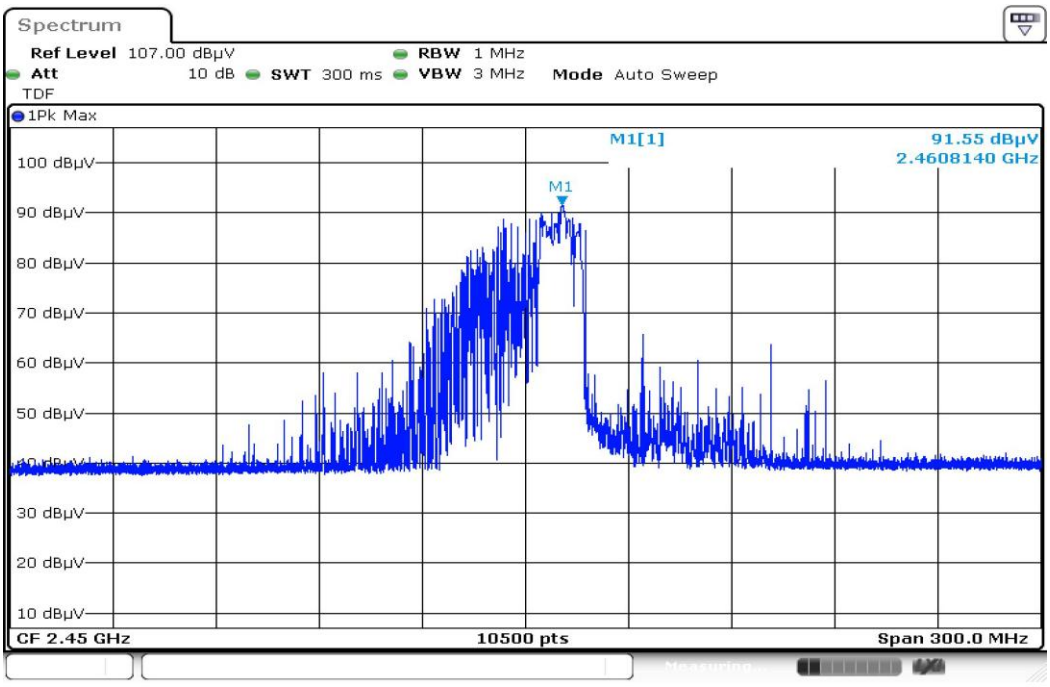
The results of this test are as follows:

Line voltage varied from 96 V_{AC} to 150 V_{AC}.

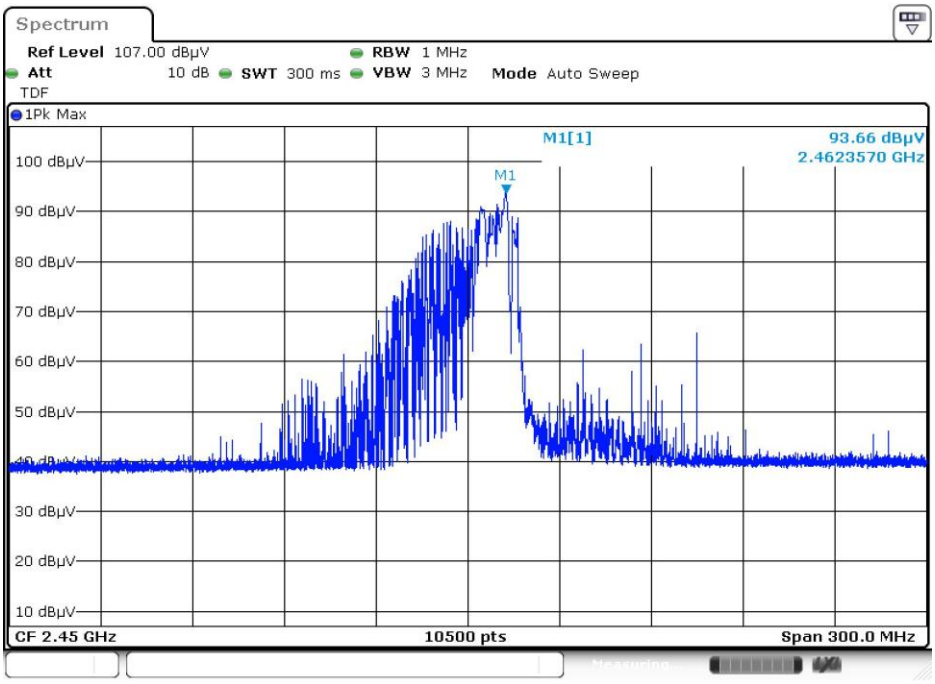
(Low voltage) Frequency (MHz)	(High voltage) Frequency (MHz)
2460.81	**2462.36**

Please refer to following pages for details of the variation in operating frequency with line voltage measurement.

Low Voltage:



High Voltage:



ProjectNo.:2501V13655E-EMA1Tester:Wing K Ji

Date: 23.AUG.2025 15:52:58

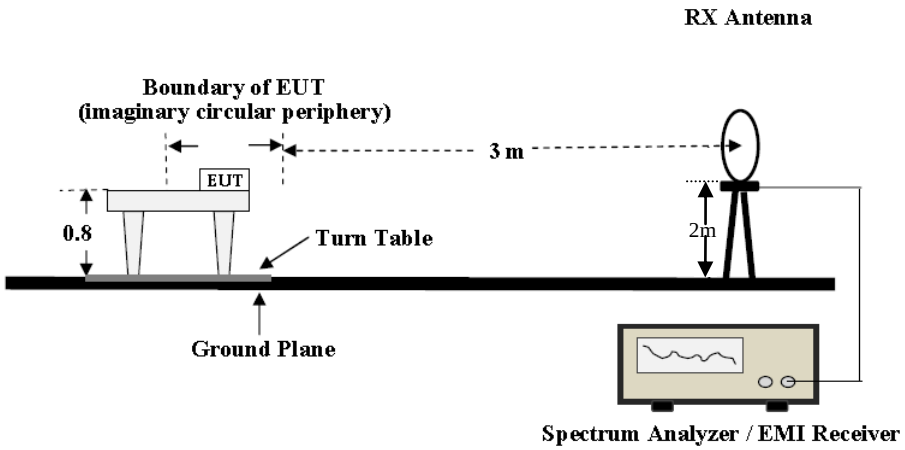
RADIATED EMISSIONS

Applicable Standard

FCC §18.305

EUT Setup

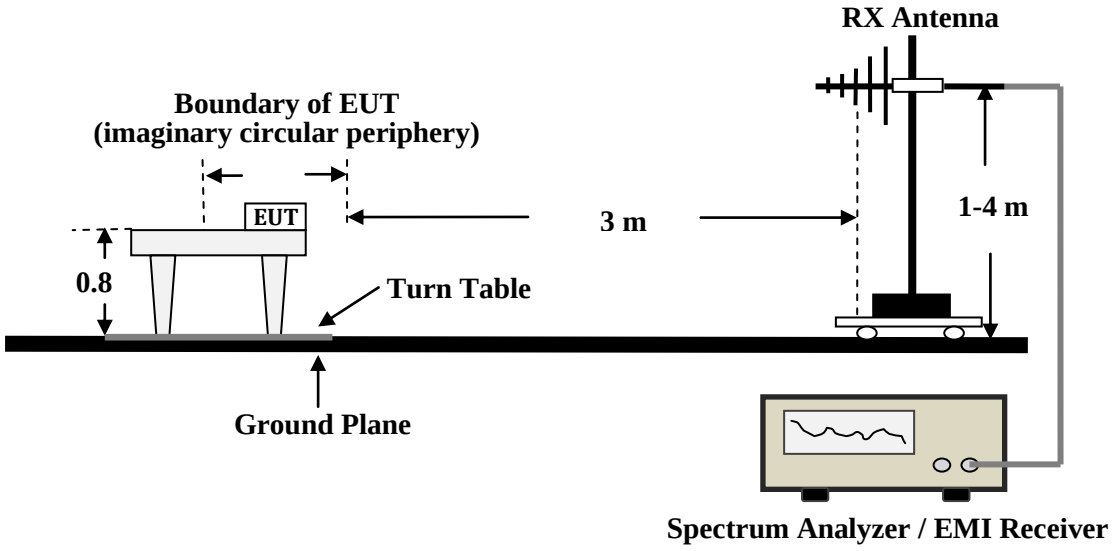
Below 30MHz for Radiated Emissions



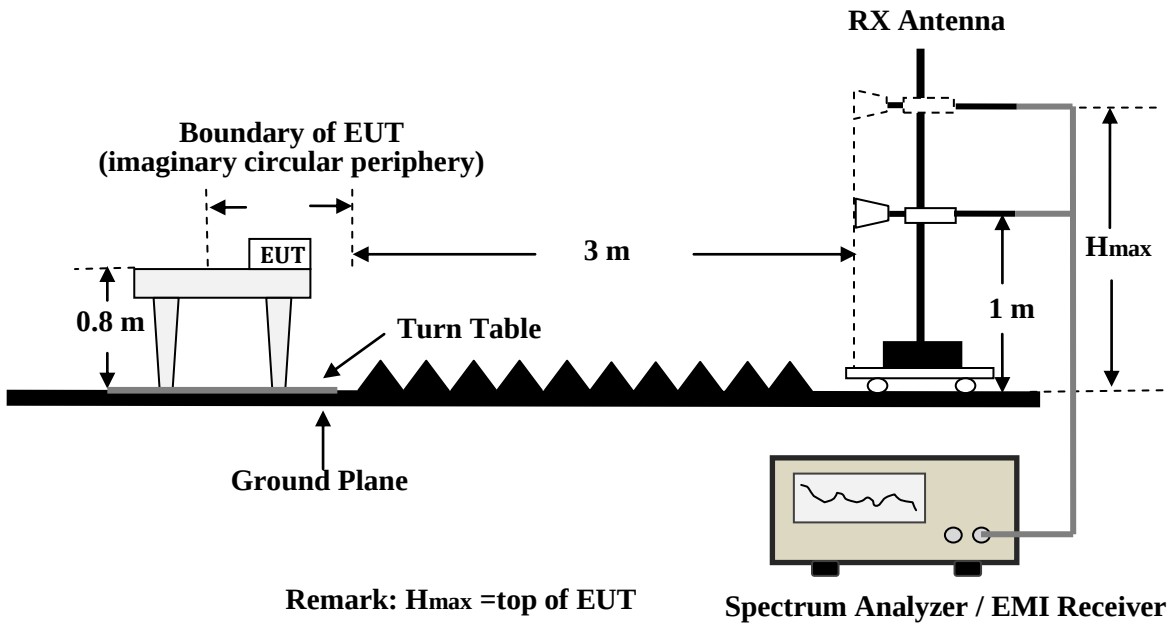
The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the FCC OST MP-5(1986). The related limit was specified in Part 18.305.

The distance from the loop antenna bracket to the ground is 2 meters.

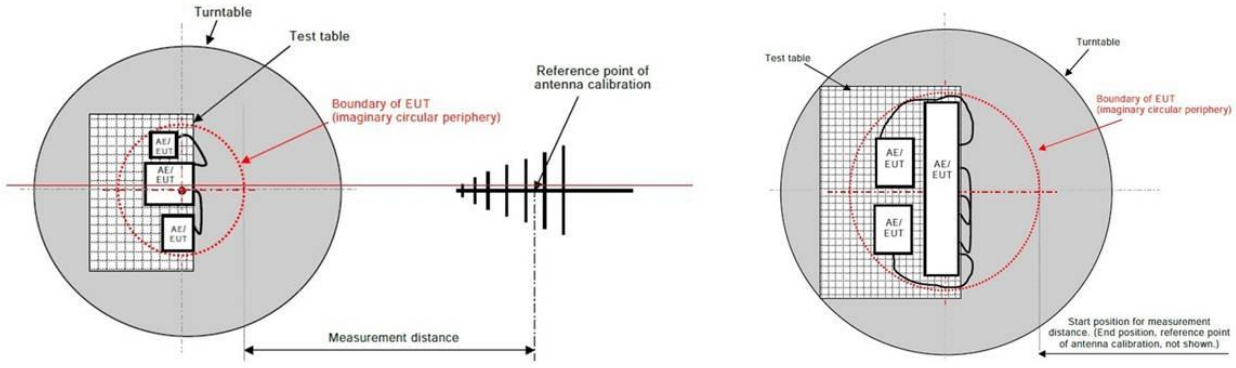
Below 1GHz for Radiated Emissions



Above 1GHz for Radiated Emissions



Radiated Emissions Setup Configuration



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the FCC MP - 5. The specification used was the FCC part 18 limits.

The socket was connected to 120 VAC/60 Hz power source.

EMI Test Receiver Setup and Spectrum Analyzer Setup

The system was investigated from 9kHz to 25 GHz.

During the radiated emission test, the EMI test receiver and Spectrum Analyzer were set with the following configurations:

9 kHz-1GHz:

Frequency Range	RBW	Video B/W	IF B/W	Measurement	Detector
9 kHz – 150 kHz	/	/	200 Hz	QP	QP
	300 Hz	1 kHz	/	PK	Peak
150 kHz – 30 MHz	/	/	9 kHz	QP	QP
	10 kHz	30 kHz	/	PK	Peak
30 MHz – 1000 MHz	/	/	120 kHz	QP	QP
	100 kHz	300 kHz	/	PK	Peak

1-25GHz:
Pre-scan

Measurement	Detector	RBW	Video B/W
PK	Peak	1MHz	3MHz

Final measurement for emission identified during pre-scan

Measurement	Detector	RBW	Video B/W
Ave.	Peak	1MHz	10 Hz

Test Procedure

Maximizing procedure was performed on the six (6) highest emissions to ensure that the EUT complied with all installation combinations.

The EUT was in the normal (naïve) operating mode during the final qualification test to represent the worst results.

Level & Over Limit Calculation

The Level is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Read Level. The basic equation is as follows:

Factor = Antenna Factor + Cable Loss - Amplifier Gain

Level = Read Level + Factor

The **"Over Limit"** Column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit of -6 dB means the emission is 6 dB below the limit. The equation for margin calculation is as follows:

Over limit = Level– Limit

Test Data and Plots

Environmental Conditions

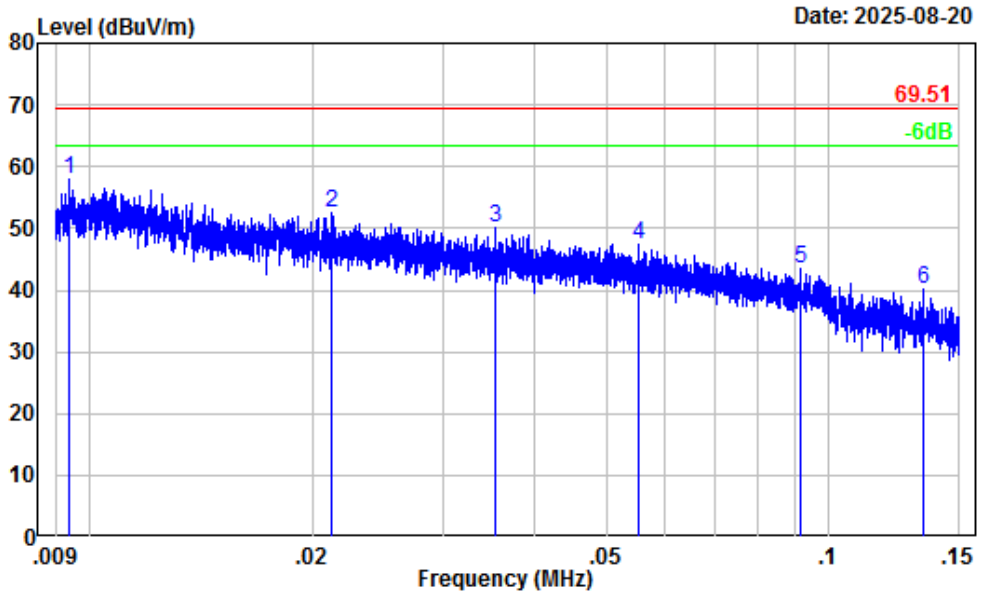
Temperature:	24.5 ℃
Relative Humidity:	50 %
ATM Pressure:	100.1 kPa

The testing was performed by Kungfumaster Liang on 2025-08-20 for below 30MHz and kungfumaster Liang on 2025-08-20 for below 1GHz and by Wing K Ji on 2025-08-23 for above 1GHz.

Test Mode: Mircrowave Heating

Note: For the radiation emissions below 30 MHz, test the X/Y/Z three planes of the loop antenna respectively, and only record the worst-case situation of the Y plane.

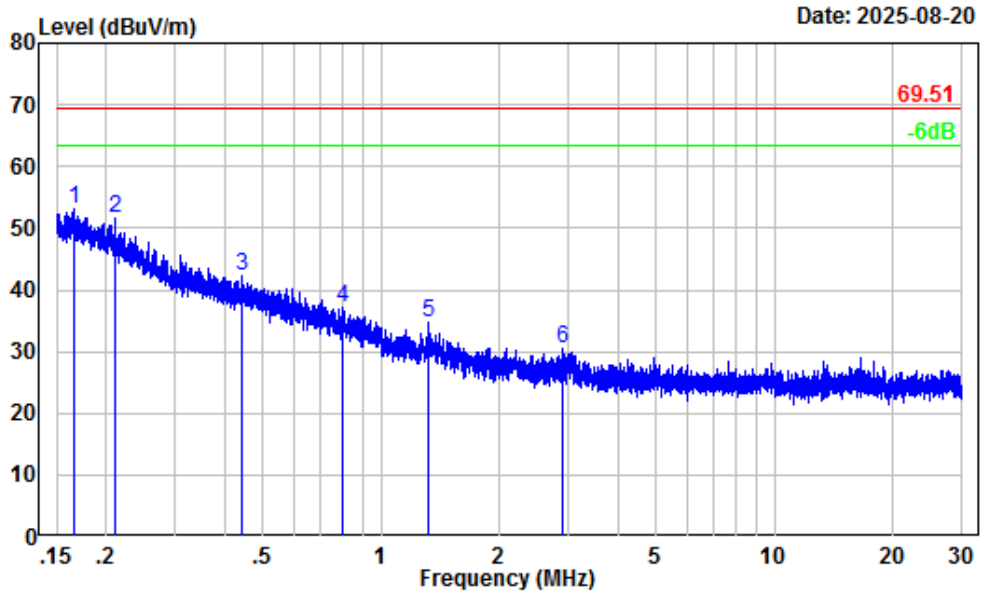
9 kHz-150kHz



Site : Chamber A
Condition : 3m
Project Number : 2501V13655E-EMA1
Test Mode : Microwave heating
Detector: Peak RBW/VBW: 0.3/1kHz
Tester : Kungfumaster Liang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.009	32.42	25.52	57.94	69.51	-11.57	Peak
2	0.021	30.16	22.27	52.43	69.51	-17.08	Peak
3	0.035	27.93	22.17	50.10	69.51	-19.41	Peak
4	0.055	25.86	21.45	47.31	69.51	-22.20	Peak
5	0.092	22.59	20.92	43.51	69.51	-26.00	Peak
6	0.134	19.99	20.01	40.00	69.51	-29.51	Peak

15kHz –30MHz

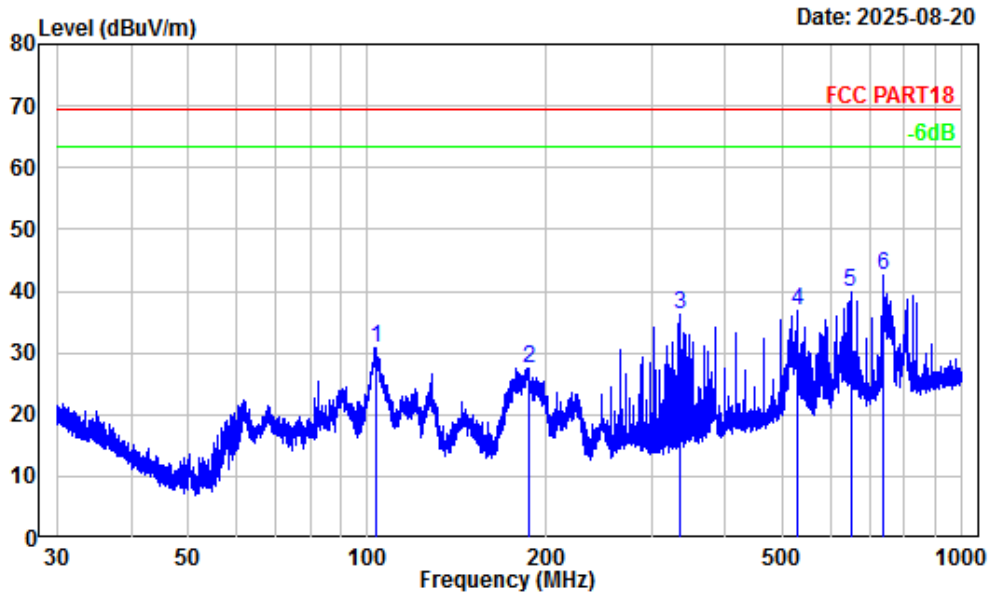


Site : Chamber A
Condition : 3m
Project Number : 2501V13655E-EMA1
Test Mode : Microwave heating
Detector: Peak RBW/VBW: 10/30kHz
Tester : Kungfumaster Liang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.165	18.14	34.91	53.05	69.51	-16.46	Peak
2	0.211	15.47	36.22	51.69	69.51	-17.82	Peak
3	0.446	7.43	34.96	42.39	69.51	-27.12	Peak
4	0.797	2.74	34.39	37.13	69.51	-32.38	Peak
5	1.326	0.29	34.37	34.66	69.51	-34.85	Peak
6	2.883	-2.09	32.70	30.61	69.51	-38.90	Peak

30 MHz – 1 GHz

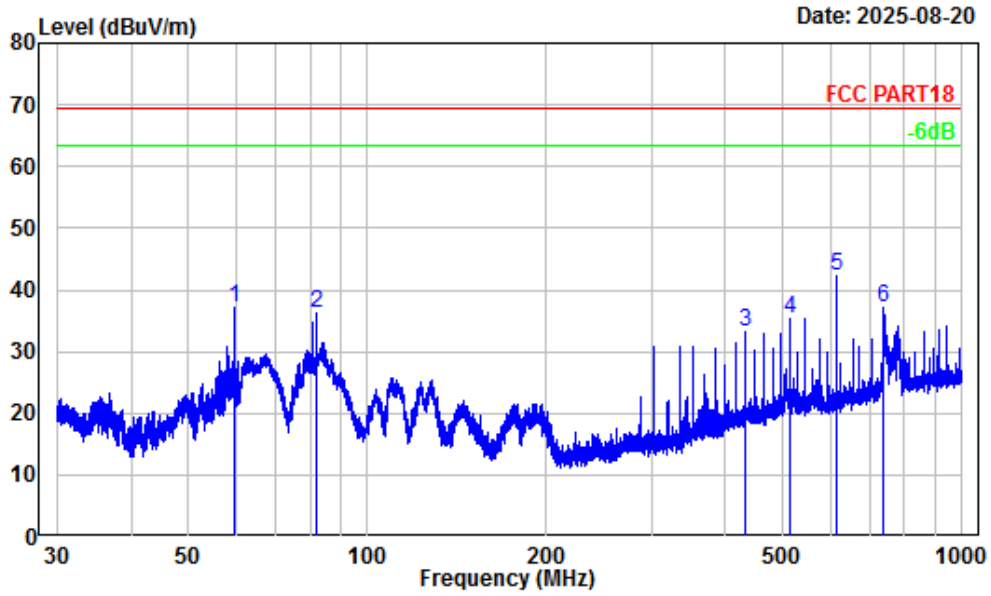
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2501V13655E-EMA1
Test Mode : Microwave heating
Detector: Peak RBW/VBW: 100/300kHz
Tester : Kungfumaster Liang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	103.13	-15.01	45.68	30.67	69.51	-38.84	Peak
2	186.93	-14.19	41.78	27.59	69.51	-41.92	Peak
3	334.27	-10.55	46.86	36.31	69.51	-33.20	Peak
4	529.64	-5.80	42.56	36.76	69.51	-32.75	Peak
5	649.38	-4.14	44.07	39.93	69.51	-29.58	Peak
6	739.01	-3.01	45.70	42.69	69.51	-26.82	Peak

Vertical



Site : Chamber A
Condition : 3m Vertical
Project Number : 2501V13655E-EMA1
Test Mode : Microwave heating
Detector: Peak RBW/VBW: 100/300kHz
Tester : Kungfumaster Liang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	59.62	-18.16	55.37	37.21	69.51	-32.30	Peak
2	82.18	-18.02	54.16	36.14	69.51	-33.37	Peak
3	431.98	-7.78	41.02	33.24	69.51	-36.27	Peak
4	512.06	-5.82	41.15	35.33	69.51	-34.18	Peak
5	616.10	-4.95	47.22	42.27	69.51	-27.24	Peak
6	739.34	-3.00	40.21	37.21	69.51	-32.30	Peak

1 -25 GHz:

For Band edge and spurious emissions:

Frequency (MHz)	Measurement		Turn-Table	Rx Antenna		Corrected Factor (dB/m)	Corrected Amplitude (dBµV/m)	FCC Part 18	
	Receiver Reading (dBµV)	Detector (PK/QP/AV)	Angle Degree	Height (m)	Polar (H / V)			Limit (dBµV/m)	Margin (dB)
2183.773	75.03	AV	91	1.3	H	-11.07	63.96	69.51	5.55
2393.093	73.71	AV	91	1.3	V	-10.61	63.10	69.51	6.41
2787.348	55.45	AV	225	1.2	H	-10.99	44.46	69.51	25.05
2507.057	64.50	AV	225	1.2	V	-11.00	53.50	69.51	16.01
4910.489	67.20	AV	341	2.2	H	-7.54	59.66	69.51	9.85
4933.867	68.87	AV	341	2.2	V	-7.59	61.28	69.51	8.23
700ml water（Second and Third Harmonics）									
4916.490	72.62	AV	192	1.1	H	-7.56	65.06	69.51	4.45
4919.615	70.44	AV	192	1.1	V	-7.56	62.88	69.51	6.63
7349.919	48.76	AV	115	1.3	H	-2.15	46.61	69.51	22.9
7349.919	50.76	AV	115	1.3	V	-2.15	48.61	69.51	20.9
300ml water（Second and Third Harmonics）									
4924.616	73.26	AV	71	1.1	H	-7.57	65.69	69.51	3.82
4920.865	72.78	AV	71	1.1	V	-7.56	65.22	69.51	4.29
7358.045	51.48	AV	278	2.2	H	-2.15	49.33	69.51	20.18
7355.544	49.40	AV	278	2.2	V	-2.15	47.25	69.51	22.26

Note:
1) Corrected Amplitude = Receiver Reading + Corrected Factor.
2) Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain.
3) Margin = Limit – Corrected Amplitude.
4) The data below 20dB to the limit was not recorded.

EUT PHOTOGRAPHS

Please refer to the attachment 2501V13655E-EMA1 External photo and 2501V13655E-EMA1 Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501V13655E-EMA1 Test Setup photo.

******* END OF REPORT *******