ACLAP6Z01

APPLICATION FOR CERTIFICATION

MODEL NO.	FCC ID
NN-P295BF	ACLAP6Z01
NN-P295SF	ACLAP6Z01
NN-P295WF	ACLAP6Z01
NN-H275BF	ACLAP6Z01
NN-H275QF	ACLAP6Z01
NN-H275SF	ACLAP6Z01
NN-H275WF	ACLAP6Z01
NN-S255BF	ACLAP6Z01
NN-S255WF	ACLAP6Z01
NN-H264BFR	ACLAP6Z01
NN-H264SFR	ACLAP6Z01
NN-H264WFR	ACLAP6Z01
NN-H254BFR	ACLAP6Z01
NN-H254SFR	ACLAP6Z01
NN-H254WFR	ACLAP6Z01

LIST OF EXHIBITS

EXHIBIT 1: TECHNICAL REPORT

EXHIBIT 2: PHOTOGRAPHS OF MAGNETRON AND COMPONENTS

EXHIBIT 3: SAMPLE AND LOCATION OF FCC ID LABEL

EXHIBIT 4: SCHEMATIC DIAGRAM

EXHIBIT 5: REPORT OF MEASUREMENTS

EXHIBIT 6: LIST OF MEASURING EQUIPMENT AND CALIBRATION

EXHIBIT 7: OPERATING INSTRUCTIONS

EXHIBIT 8: INSTALLATION INSTRUCTIONS

TECHNICAL REPORT

1. DESCRIPTION OF MEASUREMENT FACILITY:
The description of the measurement facility is already on file with the FCC laboratory. Please refer to the commission's reference 31010/EQU 4-3-0A.

2. INSTALLATION INSTRUCTIONS:
See EXHIBIT 7.

3. OPERATING INSTRUCTIONS:
See EXHIBIT 8.

4. APPLICANT:
MATSUSHITA HOME APPLIANCE COMPANY,
MICROWAVE TECHNICAL LAB.,E-Zip E2J-16
1711 N. Randall Road
Elgin, Illinois 60123-7847

5. MANUFACTURER:
PANASONIC HOME APPLIANCES MICROWAVE OVEN SHANGHAI COMPANY LTD. (PHAMOS)
868 Long Dong Road
Pu Dong, Shanghai 201203 CHINA

6. MEASUREMENT SITE:(Radiated Emissions)
FCC Registration Number 96247
PANASONIC MAGNETRON LAB.
PANASONIC INDUSTRIAL COMPANY
1707 N. Randall Road
Elgin, Il 60123-7847

MEASUREMENT SITE: (Line Conducted Emissions).
FCC Registration Number 767285
Jiangsu TUV Product Service Ltd.
10 Huaxia M. Rd.
Wuxi, Jiangsu, 214100 China

7. EQUIPMENT SPECIFICATIONS:

Electrical Power Requirement: 120Vac, 60Hz, 12.2A
Nominal Operating Frequency: 2450 MHz
Maximum RF Energy Generated: 1200 W (IEC 705)
Magnetron Type: 2M261-M32
Feed Type and Location: Through the wave guide on the top of the oven.
Stirrer: Turntable and Mode Stirrer
Cabinet Dimensions: (W) 759 x (H) 418 x (D) 381 (mm)
Oven Cavity Dimensions: (W) 591 x (H) 241.5 x (D) 238 (mm)
Door Viewing Area Dimensions: (W) 462 x (H) 166 (mm)
Door Seal Type: Slit Choke seal and capacitive seal method

9. DESCRIPTION OF DIFFERENCES

Model No.	NN-P295 BF/SF/WF	NN-H275 BF/QF/SF/WF	NN-S255BF/WF	NN-H264 BFR/SFR/WFR	NN-S254 BFR/SFR/WFR
Input Power	120Vac, 12.2A	120Vac, 12.2A	120Vac, 12.2A	120Vac, 12.2A	120Vac, 12.2A
Output Power	1200W	1200W	1200W	1200W	1200W
Magnetron	2M261-M32	2M261-M32	2M261-M32	2M261-M32	2M261-M32
Brand	Panasonic	Panasonic	Panasonic	Panasonic	Panasonic

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EXHIBIT 2

PHOTOGRAPHS OF EQUIPMENT

EXHIBIT 2-A: FRONT VIEW OF MODEL NN-P295SF

EXHIBIT 2-B: FRONT VIEW OF MODEL NN-P295SF WITH THE DOOR OPENED

EXHIBIT 2-C1: LEFT SIDE VIEW OF MODEL NN-P295SF

EXHIBIT 2-C2: LEFT SIDE VIEW OF MODEL NN-P295SF WITH ENCLOSURE REMOVED

EXHIBIT 2-D1: RIGHT SIDE VIEW OF MODEL NN-P295SF

EXHIBIT 2-D2: RIGHT SIDE VIEW OF MODEL NN-P295SF WITH ENCLOSURE REMOVED

EXHIBIT 2-E1: REAR VIEW OF MODEL NN-P295SF

EXHIBIT 2-F1: TOP VIEW OF MODEL NN-P295SF

EXHIBIT 2-F2: TOP VIEW OF MODEL NN-S262WF WITH ENCLOSURE REMOVED

EXHIBIT 2-G: BOTTOM VIEW OF MODEL NN-P295SF

EXHIBIT 2-H: VIEW OF MAGNETRON TYPE 2M261-M32

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EXHIBIT 5A

REPORT OF MEASUREMENTS

1. MODEL NO.: NN-P295SF

SERIAL NO. PP-003

MAGNETRON TYPE NO.: 2M261-M32

2. MEASUREMENT DATE: 2/15/05

3. LIST OF MEASURING EQUIPMENT AND CALIBRATION DATA:
REFER TO EXHIBIT 6

4. INVESTIGATED FREQUENCY RANGE: 100Mhz to 4th Harmonic
5. DATA SUMMARY:

Safety Check : <0.20 MW/cm2

Radiated Field Strength:		(uV/m @ 300m)	Limit
Fundamental:	2472 MHz	620.00uv/m	N/A
2nd. Harmonic:	4921 MHz	2.60uv/m	35.26
3rd. Harmonic:	7676 MHz	1.93uv/m	"
4th. Harmonic:	9830 MHz	1.51uv/m	"
Spurious:	2580 Mhz	0.49uv/m	"
Emission Sideband:	2400 MHz	1.86uv/m	"
Emission Sideband:	2500 MHz	0.64uv/m	"

Greater than 4th. Harmonic not measurable

Maximum Frequency Variation: 2469 to 2473 MHz
(96V ~ 150V/ 1500 ml water load)
Maximum Frequency Variation: 2470 to 2473 MHz
(1500 ml - 300ml water load)
Total Power Input to Oven: 1260 watts
Power Developed in Dummy Load: 995 watts
Supply Voltage: 120 Volts, 60Hz, 10.8A

REPORT OF MEASUREMENTS

1. MODEL NO.: NN-H275BF
   SAMPLE NO. J50222041
   MAGNETRON TYPE NO.: 2M261-M32

2. MEASUREMENT DATE: 3/04/05

3. LIST OF MEASURING EQUIPMENT AND CALIBRATION DATA:
   REFER TO ATTACHED EXHIBIT 6B

4. INVESTIGATED FREQUENCY RANGE: 0.15MHz to 30MHz

5. DATA SUMMARY: Selected Peak Readings (Refer to Spectrum Analyzer plot for complete readings).

Power Line High Side

Frequency MHz	QP Level dBuV	QP Limit dBuV	QP Delta dB
11.34	49.58	60.00	10.42

Frequency MHz	AV Level dBuV	AV Limit dBuV	AV Delta dB
11.41	41.06	50.00	8.94

Power Line Neutral Side

Frequency MHz	QP Level dBuV	QP Limit dBuV	QP Delta dB
11.33	51.75	60.00	8.25
12.6	42.35	60.00	17.65
16.35	36.12	60.00	23.88

Frequency MHz	AV Level dBuV	AV Limit dBuV	AV Delta dB
11.01	41.04	50.00	8.96
12.6	34.40	50.00	15.60
16.35	24.09	50.00	25.91