APPLICATION FOR CERTIFICATION

MODEL NO.	FCC ID
NN-S780BA	ACLAP4W01
NN-S780WA	ACLAP4W01
NN-S780BAS	ACLAP4W01
NN-S780WAS	ACLAP4W01
NN-S760BA	ACLAP4W01
NN-S760WA	ACLAP4W01
NN-S760BAS	ACLAP4W01
NN-S760WAS	ACLAP4W01
NN-S750BA	ACLAP4W01
NN-S750WA	ACLAP4W01
NN-S750BAS	ACLAP4W01
NN-S750WAS	ACLAP4W01
NN-S740BA	ACLAP4W01
NN-S740WA	ACLAP4W01
NN-L730BA	ACLAP4W01
NN-L720BA	ACLAP4W01

LIST OF EXHIBITS

EXHIBIT 1: TECHNICAL REPORT

EXHIBIT 2: PHOTOGRAPHS OF MAGNETRON AND COMPONENTS

EXHIBIT 3: SAMPLES 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

ACLAP4W01
EXHIBIT 1-1

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, Division of
   MATSUSHITA ELECTRIC CORPORATION of AMERICA
   9333 W. Grand Avenue
   Franklin Park, Illinois 60131

5. MANUFACTURER:
   MATSUSHITA HOME APPLIANCE COMPANY, Division of
   MATSUSHITA ELECTRIC CORPORATION of AMERICA
   1355 Lebanon Road
   Danville, Kentucky 404203

6. MEASUREMENT SITE:
   PANASONIC MAGNETRON LAB.
   PANASONIC INDUSTRIAL COMPANY
   1707 N. Randle Road
   Elgin, Il 60123-7847

7. EQUIPMENT IDENTIFICATION:

Model No. : NN-S780BA, NN-S780WA, NN-S780BAS, NN-S780WAS
Brand Name : Panasonic
FCC ID : ACLAP4W01

Model No. : NN-S760BA, NN-S760WA, NN-S760BAS, NN-S760WAS
Brand Name : Panasonic
FCC ID : ACLAP4W01

Model No. : NN-S750BA, NN-S750WA, NN-S750BAS, NN-S750WAS
Brand Name : Panasonic
FCC ID : ACLAP4W01

Model No. : NN-S740BA, NN-S740WA
Brand Name : Panasonic
FCC ID : ACLAP4W01

Model No. : NN-L730BA
Brand Name : Panasonic
FCC ID : ACLAP4W01

Model No. : NN-L720BA
Brand Name : Panasonic
FCC ID : ACLAP4W01

ACLAP4W01
EXHIBIT 1A

7. EQUIPMENT SPECIFICATIONS:
   Electrical Power Requirement: 120V, 60Hz, 12.0A
   Nominal Operating Frequency: 2450 MHz
   Maximum RF Energy Generated: 1300 W (IEC 705)
   Magnetron Type: 2M269-M32
   Feed Type and Location: Through the wave guide on the right sidewall of the oven.
   Stirrer: Turntable Type
   Cabinet Dimensions: (W) 555 x (H) 304 x (D) 497 (mm)
   Oven Cavity Dimensions: (W) 418 x (H) 228 x (D) 470 (mm)
   Door Viewing Area Dimensions: (W) 320 x (H) 150 (mm)
   Door Seal Type: Slit Choke seal and capacitive seal method

8. DESCRIPTION OF DIFFERENCES

Model No.	NN-S780 BA/WA/BAS/WAS	NN-S760 BA/WA/BAS/WAS	NN-S750 BA/WA/BAS/WAS	NN-S740 BA/WA
Input Power	120Vac, 12.0A	120Vac, 12.0A	120Vac, 12.0A	120Vac, 12.0A
Output Power	1300W	1300W	1300W	1300W
Magnetron	2M269-M32	2M269-M32	2M269-M32	2M269-M32
Brand	Panasonic	Panasonic	Panasonic	Panasonic

Model No.	NN-L730 BA	NN-L720 BA
Input Power	120Vac, 12.0A	120Vac, 12.0A
Output Power	1300W	1300W
Magnetron	2M269-M32	2M269-M32
Brand	Panasonic	Panasonic

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EXHIBIT 2

PHOTOGRAPHS OF EQUIPMENT

EXHIBIT 2-A: FRONT VIEW OF MODEL NN-S780BA

EXHIBIT 2-B: REAR VIEW OF MODEL NN-S780BA

EXHIBIT 2-C: FRONT VIEW OF MODEL NN-S780BA WITH THE DOOR OPENED

EXHIBIT 2-D: TOP VIEW OF MODEL NN-S780BA WITH ENCLOSURE REMOVED

EXHIBIT 2-E: RIGHT SIDE VIEW OF MODEL NN-S780BA WITH ENCLOSURE REMOVED

EXHIBIT 2-F: BOTTOM VIEW OF MODEL NN-S780BA

EXHIBIT 2-G: LEFT SIDE VIEW OF MODEL NN-S780BA WITH ENCLOSURE REMOVED

EXHIBIT 2-H: VIEW OF DOOR CHOKE CONSTRUCTION ILLUSTRATING INTEGRAL CHOKE TYPE.

EXHIBIT 2-I: VIEW OF MAGNETRON TYPE 2M269-M32

EXHIBIT 2-K: VIEW OF INVERTER POWER SUPPLY

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EXHIBIT 5A

REPORT OF MEASUREMENTS

1. MODEL NO.: NN-S780BA
   SERIAL NO. PP-000160
   MAGNETRON TYPE NO.: 2M269-M32

2. MEASUREMENT DATE: 10/27/99

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

4. INVESTIGATED FREQUENCY RANGE: 100Mhz to 4th Harmonic

5. DATA SUMMARY:
   Safety Check : <0.5 MW/cm2

Radiated Field Strength:	(uV/m @ 300m)		Limit
Fundamental:	2447 MHz	620uv/m	N/A
2nd. Harmonic:	4910 MHz	3.27uv/m	33.80
3rd. Harmonic:	7330 MHz	1.22uv/m	"
4th. Harmonic:	9775 MHz	1.91uv/m	"
Spurious:	2338 Mhz	2.27uv/m	"
Emmission Sideband:	2400 MHz	4.68uv/m	"
Emmission Sideband:	2500 MHz	0.41uv/m	"
Greater than 4th. Harmonic	not measurable		

Maximum Frequency Variation: 2448 to 2454 MHz
(96V ~ 150V/ 1500 ml water load)
Maximum Frequency Variation: 2447 to 2451 MHz
(1500 ml - 300ml water load)
Total Power Input to Oven: 2000 watts
Power Developed in Dummy Load: 913 watts
Supply Voltage: 120 Volts, 60Hz, 17.4A