PANASONIC HOME APPLIANCE COMPANY of AMERICA,
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PHAA

January 10, 2007

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

SUBJECT: FILING FOR RE-CERTIFICATION – CLASS II PERMISSIVE CHANGES, GRANTEE CODE ACL.

We are sending application for models previously granted certification on 01/07/2005, under FCC Identifier ACLAP7A01.The new submission is filed under the Class II, permissive changes provision.
The main purpose for re-filing is the application for the use of a new Inverter power supply . For a quick reference to all of the exhibits submitted, please reference the following pages below in the Application Index and Summary.

If there are any questions pertaining to this application, please contact me.

Sincerely, George Vazquez

George Vazquez
Engineer, Codes & Safety

Cc: S. Yamashita

FCC ID: ACLAP7A01
APPLICATION INDEX AND SUMMARY

APPLICATION FOR RE-CERTIFICATION

MODEL NO.	FCC ID
NN-SD967S	ACLAP7A01
NN-SN977S	ACLAP7A01
NN-SN957S	ACLAP7A01
NN-H965BFX	ACLAP7A01
NN-H965WFX	ACLAP7A01
NN-H965WFXB	ACLAP7A01
NN-T945SFX	ACLAP7A01
NN-S935BFX	ACLAP7A01
NN-T995SFXB	ACLAP7A01
NN-SD997S	ACLAP7A01
NN-SD987S	ACLAP7A01
NN-SN947S	ACLAP7A01

LIST OF EXHIBITS

EXHIBIT 1: TECHNICAL REPORT

EXHIBIT A: PHOTOGRAPHS OF EQUIPMENT

EXHIBIT B: TEST SETUP PHOTOS

EXHIBIT C: SCHEMATIC DIAGRAM

EXHIBIT D: USERS MANUAL

EXHIBIT E: SAMPLE AND LOCATION OF FCC ID LABEL

EXHIBIT F: TEST REPORT

FCC ID: ACLAP7A01
EXHIBIT 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 registration number 382179.

2. USER MANUAL:
   Reference: EXHIBIT D

3. APPLICANT:
   PANASONIC HOME APPLIANCE COMPANY of AMERICA,
   MICROWAVE TECHNICAL LAB., E-Zip E2J-16
   1707 N. Randall Road
   Elgin, Illinois 60123-7847

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

6. MEASUREMENT SITE:
   FCC Registration Number 382179
   Bay Area Compliance Laboratory Corp.
   6/F, the 3rd Phase of WanLi Industrial Building, ShiHua Road, FuTian Free Trade Zone
   Shenzhen, Guangdong, China 518038

7. EQUIPMENT SPECIFICATIONS:
   Electrical Power Requirement: 120V, 60Hz, 12.7A
   Nominal Operating Frequency: 2450 MHz
   Maximum RF Energy Generated: 1250 W (IEC 705)
   Magnetron Type: 2M261-M32
   Feed Type and Location: Through the wave guide on the right sidewall of the oven.
   Stirrer: Turntable Type
   Cabinet Dimensions: (W) 606 x (H) 356 x (D) 493 (mm)
   Oven Cavity Dimensions: (W) 469 x (H) 278 x (D) 470 (mm)
   Door Viewing Area Dimensions: (W) 369 x (H) 192 (mm)
   Door Seal Type: Slit Choke seal and capacitive seal method

   The models in this report are similar to previously submitted models with the grant issued 01/07/2005. The only difference will be that the models will utilize a new Inverter Power Supply.

EXHIBIT A

PHOTOGRAPHS OF EQUIPMENT

External: Reference EXHIBIT A

Internal: Reference EXHIBIT A

FCC ID: ACLAP7A01
EXHIBIT F

TEST REPORT SUMMARY: Radiated Emissions

1. MODEL NO.: NN-SD967

SERIAL NO.: PP07004

MAGNETRON TYPE NO.: 2M261-M32

2. MEASUREMENT DATE: 12/14/06

3. TEST REPORT: Reference EXHIBIT F

4. TEST SETUP PHOTOS: Reference EXHIBIT B

5. INVESTIGATED FREQUENCY RANGE: 30 MHz to 24.5 GHz

6. TEST DATA SUMMARY:

Safety Check (Radiation Hazard Measurement) : < 0.69 mW/cm² @ 5cm.

Radiated Field Strength		(dBµV/m @ 300m)	Limit (DbµV/m)	Margin (dB)
Fundamental	2450 MHz	126.04	N/A	N/A
2nd. Harmonic	4900 MHz	53.95	71.9	17.95
3rd. Harmonic	7350 MHz	57.60	" "	14.30
Spurious	2155 MHz	37.15	" "	34.75
Spurious	2725 MHz	41.40	" "	30.50

Greater than 3rd. Harmonic not measurable

Maximum Frequency Variation: 2462 to 2463 MHz
(96V ~ 150V/ 1500 ml water load)

Maximum Frequency Variation: 2460 to 2463 MHz
(1500 ml - 300ml water load)

Total Power Input to Oven: 1455 watts

Power Developed in Dummy Load: 1228.5 watts

Supply Voltage: 120 Volts, 60Hz, 12.7A

FCC ID: ACLAP7A01
EXHIBIT F

TEST REPORT SUMMARY: Line Conductance

1. MODEL NO.: NN-SD967

SERIAL NO.: PP07004

MAGNETRON TYPE NO.: 2M261-M32

2. MEASUREMENT DATE: 12/14/06

3. TEST REPORT: Reference EXHIBIT F

4. TEST SETUP PHOTOS: Reference EXHIBIT B

5. INVESTIGATED FREQUENCY RANGE: 150 kHz to 30 MHz

6. TEST DATA SUMMARY:
Selected Peak Readings (Reference Spectrum Analyzer plot EXHIBIT F for complete readings).

Power Line Live Side

Frequency MHz	QP Level dBuV	QP Limit dBuV	QP Delta db
0.150	56.80	66.00	9.20
0.390	47.60	58.06	10.46
0.510	42.60	56.00	13.40
0.630	41.00	56.00	15.00
14.670	47.50	60.00	12.50
16.230	49.50	60.00	10.50

Frequency MHz	AV Level dBuV	AV Limit dBuV	AV Delta db
0.150	41.50	56.00	14.50
0.390	35.70	48.06	12.36
0.510	29.70	46.00	16.30
0.630	29.10	46.00	16.90
14.670	37.80	50.00	12.20
16.230	39.60	50.00	10.40

FCC ID: ACLAP7A01
EXHIBIT F

Power Line Neutral Side

Frequency MHz	QP Level dBuV	QP Limit dBuV	QP Delta db
0.150	58.00	66.00	8.00
0.240	52.80	62.10	9.30
0.480	45.60	56.34	10.74
0.630	45.80	56.00	10.20
2.430	41.00	56.00	15.00
16.380	50.10	60.00	9.90

Frequency MHz	AV Level dBuV	AV Limit dBuV	AV Delta db
0.150	45.60	56.00	10.40
0.240	43.50	52.10	8.60
0.480	35.30	46.34	11.04
0.630	33.80	46.00	12.20
2.430	27.20	46.00	18.80
16.380	39.90	50.00	10.10