PANASONIC HOME APPLIANCE COMPANY of AMERICA,
MICROWAVE TECHNICAL LABORATORY

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PHAA

January 26, 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 01/26/2005, under FCC Identifier ACLAP7B51.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 Application Index and Summary on the following pages.

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: ACLAP7B51
APPLICATION INDEX AND SUMMARY

APPLICATION FOR RE-CERTIFICATION

MODEL NO.	FCC ID
NN-H765BFX	ACLAP7B51
NN-H765WFX	ACLAP7B51
NN-P794SFX	ACLAP7B51
NN-S735BFX	ACLAP7B51
NN-S735WFX	ACLAP7B51
NN-SD767S	ACLAP7B51
NN-SD787S	ACLAP7B51
NN-SD797S	ACLAP7B51
NN-SN747S	ACLAP7B51
NN-SN757S	ACLAP7B51
NN-SN776SX	ACLAP7B51
NN-SN797S	ACLAP7B51
NN-SD767B	ACLAP7B51
NN-SD767W	ACLAP7B51

LIST OF EXHIBITS

EXHIBIT A: TECHNICAL REPORT

EXHIBIT B: PHOTOGRAPHS OF EQUIPMENT

EXHIBIT C: SAMPLE AND LOCATION OF FCC ID LABEL

EXHIBIT D: SCHEMATIC DIAGRAM

EXHIBIT E: TEST REPORT

EXHIBIT F: TEST SETUP PHOTOS

EXHIBIT G: USERS MANUAL

FCC ID: ACLAP7B51
EXHIBIT: A

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 142171.

2. USER MANUAL:
   Reference: EXHIBIT G

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 142171
   SIMT EMC LAB
   716 Yi Shan Road
   Shanghai City, 200233 China

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) 555 x (H) 304 x (D) 493 (mm)
   Oven Cavity Dimensions: (W) 418 x (H) 228 x (D) 470 (mm)
   Door Viewing Area Dimensions: (W) 323 x (H) 140 (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 01/26/2005. The only difference will be that the models will utilize a new Inverter Power Supply.

EXHIBIT: B

PHOTOGRAPHS OF EQUIPMENT

External: Reference EXHIBIT B
Internal: Reference EXHIBIT B

FCC ID: ACLAP7B51
EXHIBIT: E

TEST REPORT SUMMARY: Radiated Emissions

1. MODEL NO.: NN-SD797

SERIAL NO.: PP07002

MAGNETRON TYPE NO.: 2M261-M32

2. MEASUREMENT DATE: 12/18/06

3. TEST REPORT: Reference EXHIBIT E

4. TEST SETUP PHOTOS: Reference EXHIBIT F

5. INVESTIGATED FREQUENCY RANGE: 100 MHz to 5th Harmonic

6. TEST DATA SUMMARY:

Safety Check : <0.1432 MW/cm2

Radiated Field Strength		(dBµV/m @ 300m)	Limit (DbµV/m)	Margin (dB)
2nd. Harmonic	4916.9 MHz	8.16	35.78	27.62
3rd. Harmonic	7327.4 MHz	31.95	" "	3.83
4th. Harmonic	9803.2 MHz	8.00	" "	27.77
5th. Harmonic	12246.1 MHz	20.73	" "	15.05
Spurious	5194.1 MHz	21.68	" "	14.10
Emission Sideband	2203.3 MHz	13.91	" "	21.87
Emission Sideband	2708.4 MHz	21.81	" "	13.97

Greater than 5th Harmonic not measurable

Maximum Frequency Variation: 2439.25 to 2473.38 MHz
(96V ~ 150V/ 1500ml water load)

Maximum Frequency Variation: 2445.03 to 2471.71 MHz
(1500ml - 300ml water load)

Total Power Input to Oven: 1606.8 watts

Power Developed in Dummy Load: 1024.24 watts

Supply Voltage: 120 Volts, 60Hz, 13.39A

FCC ID: ACLAP7B51
EXHIBIT: E

TEST REPORT SUMMARY: Line Conductance

1. MODEL NO.: NN-SD797

SERIAL NO.: PP07002

MAGNETRON TYPE NO.: 2M261-M32

2. MEASUREMENT DATE: 12/18/06

3. TEST REPORT: Reference EXHIBIT E

4. TEST SETUP PHOTOS: Reference EXHIBIT F

5. INVESTIGATED FREQUENCY RANGE: 150 kHz to 30 MHz

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

Power Line Live Side

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta db
0.150	57.70	66.00	8.30
0.240	48.90	62.10	13.20
12.273	39.70	60.00	20.30
12.876	42.80	" "	17.20
19.072	53.40	" "	6.60
22.542	43.00	" "	17.00
Frequency MHz	**AV Level dBµV**	**AV Limit dBµV**	**AV Delta db**
0.159	40.80	55.50	14.70
0.240	34.30	52.10	17.80
0.361	38.30	48.70	10.40
12.376	31.50	50.00	18.50
12.736	33.90	" "	16.10
19.072	45.20	" "	4.80

Power Line Neutral Side

Frequency MHz	QP Level dBµV	QP Limit dBµV	QP Delta db
0.181	55.10	64.40	9.30
0.276	52.00	60.90	8.90
0.370	49.30	58.50	9.20
14.658	47.30	60.00	12.70
19.086	55.00	" "	5.00
21.219	46.90	" "	13.10
Frequency MHz	**AV Level dBµV**	**AV Limit dBµV**	**AV Delta db**
0.181	44.60	54.40	9.80
0.231	40.90	52.40	11.50
0.276	41.00	50.90	9.90
0.370	38.50	48.50	10.00
14.451	38.80	50.00	11.20
19.072	46.90	" "	3.10