

TECHNICAL REPORT

1. KIND OF EQUIPMENT

Household Microwave Oven

2. IDENTIFICATION OF MODEL

FCC ID NO.:

☐ B ☐ E ☐ J ☐ S ☐ 1 ☐ 9 ☐ 3 ☒ X ☐ D

Model Number	Trade Name	Rated Power Output (Watts)	Cavity Volume (Cu.ft)	* Oven Type
<u>MS-193XD</u>	<u>Goldstar</u>	<u>1000</u>	<u>1.9</u>	<u>CTD/BSO</u>
<u>MA-1905B</u>	<u>Goldstar</u>	<u>1000</u>	<u>1.9</u>	<u>CTD/BSO</u>
<u>MA-1905W</u>	<u>Goldstar</u>	<u>1000</u>	<u>1.9</u>	<u>CTD/BSO</u>

* Oven Type: Indicate whether the model counter-top domestic/household (CTD), wall mounting oven (WHO), built-in oven (BSO), or under-the-cabinet (UTC), over-the-range (OTR)

☒ Photographs of above model are attached in Attachment 1:
Front, Oven Cavity, Waveguide and Electrical Parts and PCB Part

3. MODE STIRRER OR EQUIVALENT DEVICES

☐ Stirrer Fan ☒ Turntable ☐ Wave Scanner

Method of drive: Motor provided on the lower part of oven cavity.

7. IDENTIFICATION LABEL: Nameplate

(1) Is the label permanent and legible

☒

Yes

☐

No

(2) Nameplate is enclosed in Attachment 7.1

☐

Sample

☒

Facimile

(3) Location: Refer to Attachment 7.2

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A photograph showing where nameplate will be placed on the oven.

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A sketch showing where nameplate will be placed on the oven.

8. A STATEMENT OF THE RATED TECHNICAL PARAMETERS

(1) A block diagram and schematic diagram of circuitry: Attachment 8.1

(2) Nominal operating frequency: Microwave 2450 MHz

Rated frequency tolerance: ± 50 MHz

Emission designator(s): Magnetron

Type

Manufacturer

2M246

LG Electronics Inc., Korea

2M248J

Toshiba Hokuto Electronics Corp., Japan

4. DESCRIPTION OF THE MEASUREMENT FACILITIES

- ☐ A description of the measurement facilities is enclosed in Attachment 4.1.
- ☒ A description of the measurement facilities is already on file with the Commission.

The following reference applies also to the new models
FCC NO.: 31010 / EQU 4-3-OA
Date of submittal: April 17, 1987
A copy of above FCC letter is enclosed in Attachment 4.1.

5. OPERATING INSTRUCTION

Refer to Attachment 5.1.

- ☐ A copy of the final user manual is attached.
- ☒ A draft copy of user manual is attached.

6. MANUFACTURER

Company Name: LG Electronics Inc.

Address: LG Twin Tower
20 Yoido-Dong, Youngdungpo-Gu, seoul, Korea

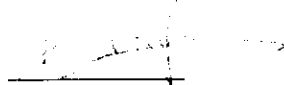
Instead of applicant, FCC is authorized to mail original grant to:

Address: LG Electronics Chicago Office.
6133 North River Road Suite,
1100 (Riverway Plaza) Rosemont, IL 60018
{Phone no.: 847 692-4630 (ext. 329), Fax no.: 847 692-3857}

Name and title of person at above address to receive grant:

Mr. K. S. Kim

General Manager



(Name)

(Title)