

***** INFORMATION FOR CERTIFICATION (1) *****

APPLICANT:

Name : Sharp Corporation, Reliability Control Group
Address : 22-22 Nagaike-Cho, Abeno-Ku
Osaka 545-8522, Japan
Grantee Code: : APY
Applicant Rep. : S. Miyasaka

CONTACT PERSON:

Name : Sharp Electronics Corporation
Address : Sharp Plaza, Mahwah, New Jersey 07430
Applicant Rep. : Steve Petruska, Product Safety Dept.
Telephone No. : 201-529-9299

MEASUREMENT SITE:

Name : Japan Quality Assurance Organization
Kita-Kansai Testing Center, EMC Division
Address : 7-1 Ishimaru 1-Chome
Minoh-shi, Osaka 562-0027, Japan

MANUFACTURER:

Name : Sharp Appliances (Thailand) Ltd.
Address : 64 Moo 5, Tambol Bangsamuk Amphur Bangpakong
Chachoengsao Province, Thailand

FCC IDENTIFICATION : APYDMR0133

EQUIPMENT

Model Name : Microwave Oven Model R-310E#, R-320E# and R-330E#
(#: Suffix letter denoting cosmetic color is provided.)
Brand : Sharp Electronics Corp.
Importer : Sharp Electronics Corp.

***** INFORMATION FOR CERTIFICATION (2) *****

- (1) Type(s) of emission: Not Applicable
- (2) Frequency range: 2450 MHz
- (3) Range of operating power and description of means provided for variation of operating power:
RF output power 1200 W (Average power output is controlled by ON/OFF switching cycles.)
- (4) Max. power rating as described in the applicable rules:
1200 W
- (5) The voltage and current to magnetron:
Magnetron Cat. No. 2M246 : 4.0 kV peak, 350 mA (rms)
- (6) Function of each electro tube, semiconductor or other active circuit device:
Fixed Magnetron, Type 2M246 as power generator
- (7) Complete circuit diagram: Attached
- (8) Instruction book: Attached
- (9) Tune up procedure over the power range or at specific operating power levels: Not adjustable
- (10) A description of all circuitry and devices provided for determining and stabilizing frequency:
Fixed by magnetron and oven design
- (11) A description of any circuit or devices employed for suppression of spurious radiation, for limiting modulation, and for limiting the operating power:
Suppression obtained by shielding design
- (12) Identification plate or label: Illustration attached
Location of identification plate or label: Photo. Attached

***** INFORMATION FOR CERTIFICATION (3) *****

DESCRIPTION OF THE MICROWAVE OVEN

Unit Body Dimensions : 520 mm wide, 302 mm high, 436 mm deep
(include feet)

Door Dimensions : 423 mm wide, 277 mm high
(Viewing Area: 293 mm wide, 146 mm high)

Oven Cavity Dimensions : 383 mm wide, 254 mm high, 399 mm deep
(without tray)

Feed Type and Location : Supplied by waveguide located side of oven

Door Seal Type : Choke and Capacitive Seals

Magnetron Type : 2M246, mfd by LG Electronics