

***** 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. : 201-529-9689

MEASUREMENT SITE:

Name : Sharp Corporation, Kitchen Appliance Systems Div.
EMI Anechoic Chamber
Address : 3-1-72 Kitakamei-cho, Yao
Osaka 581-8585, Japan

MANUFACTURER:

Name : Sharp Corporation, Kitchen Appliance Systems Div., Yao Factory
Address : 3-1-72 Kitakamei-cho, Yao, Osaka 581-8585, Japan

or

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

FCC IDENTIFICATION : APYDMR0139

EQUIPMENT

Model Name : Microwave Oven Model R-90GC
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 1000 W (Average power output is controlled by ON/OFF switching cycles.)
- (4) Max. power rating as described in the applicable rules:
1000 W
- (5) The voltage and current to magnetron:
Magnetron Cat. No. 2M253H(L) : 3.88 kV peak, 360 mA (rms)
- (6) Function of each electro tube, semiconductor or other active circuit device:
Fixed Magnetron, Type 2M253H(L) 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 : 552 mm wide, 405 mm high, 620 mm deep
(include feet and handle)

Door Dimensions : 534 mm wide, 293 mm high
(Viewing Area: 343 mm wide, 166 mm high)

Oven Cavity Dimensions : 411 mm wide, 241 mm high, 350 mm deep
(without tray)

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

Door Seal Type : Choke and Capacitive Seals

Magnetron Type : 2M253H(L) mfd by Toshiba