

***** 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. : K. Aoyagi

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

MANUFACTURER:

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

FCC IDENTIFICATION : APYDMR0129

EQUIPMENT

Model Name : Microwave Oven Models R-120D#
(#: 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 600 W (Average power output is controlled by ON/OFF switching cycles.)

(4) Max. power rating as described in the applicable rules:

600 W

(5) The voltage and current to magnetron:

For Magnetron Cat. No. 2M231H(L) : 3.80 kV peak, 214 mA (Ave), or;

For Magnetron Cat. No. OM52S : 4.04 kV peak, 208 mA (Ave)

(6) Function of each electro tube, semiconductor or other active circuit device:

Fixed Magnetron, Type 2M231H(L) or OM52S 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	:	<u>365 mm wide, 360 mm high, 357 mm deep</u> (include feet)
Door Dimensions	:	<u>325 mm wide, 212 mm high</u> (Viewing Area: 123 mm dia., with 2.8 mm dia openings)
Oven Cavity Dimensions	:	<u>299 mm wide, 176 mm high, 301 mm deep</u> (without tray)
Feed Type and Location	:	<u>Supplied by waveguide located top of oven cavity</u>
Door Seal Type	:	<u>Choke and Capacitive Seals</u>
Magnetron Type	:	<u>2M231H(L), mfd by Toshiba; or</u> <u>OM52S, mfd by Samsung Electronics</u>