

***** 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. : H. Nakajima

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

REPORTED BY:

Name : Sharp Corporation, Appliance Systems Group
Address: : 3-1-72 Kitakamei-Cho, Yao
Osaka 581, Japan

MEASUREMENT SITE:

Name : Japan Quality Assurance Organization
JQA Kameoka EMC Branch
Address : 9-1, Ozaki, Inukanno, Nishibetsuin-cho
Kameoka, Kyoto 621-01, Japan

MANUFACTURER:

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

FCC IDENTIFICATION : APYDMR0117

EQUIPMENT : Microwave Oven Models R-820B#
(# may be provided with suffix letter/number denoting cosmetic color.)
Brand : Sharp Electronics Corporation
Importer : Sharp Electronics Corporation

***** 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 900 W (Average power output is controlled by ON/OFF switching cycles.)

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

900 W (Measured by IEC705-1988 measurement method)

(5) The voltage and current to magnetron:

For Magnetron Cat. No. 2M240H(L2) : 3.60 kVp, 290 mA
For Magnetron Cat. No. 2M167B : 3.52 kVp, 295 mA

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

Fixed Magnetron, Types 2M240H(L2) or 2M167B 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>520 mm wide, 309 mm high, 502 mm deep</u> (include feet)
Door Dimensions	:	<u>421 mm wide, 277 mm high</u> (Viewing Area: 284 mm wide, 140 mm)
Oven Cavity Dimensions	:	<u>352 mm wide, 221 mm high, 368 mm deep</u> (without tray)
Feed Type and Location	:	<u>Supplied by waveguide located side of oven</u>
Door Seal Type	:	<u>Choke and Capacitive Seals</u>
Magnetron Type	:	<u>2M240H(L2), mfd by Toshiba; or</u> <u>2M167B, mfd by Matsushita</u>