

***** 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. Nishira

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 : Japan Quality Assurance Organization
Chubu Testing Center, Shikatsu Branch
Address : 53-1, Yamaura, Yakushiji, Shikatsu-cho, Nishikasugai-gun
Aichi 481-0005, Japan

MANUFACTURER:

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

FCC IDENTIFICATION : APYDMR0147

EQUIPMENT

Model Name : Microwave Oven Model R-209K#, R-220K# and R-230K#
(#: 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 800 W (Average power output is controlled by ON/OFF switching cycles.)

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

800 W

(5) The voltage and current to magnetron:

Magnetron Cat. No. 2M216J(L) : 3.60 kV peak, 235 mA; or
Magnetron Cat. No. 2M211A-M1 : 3.72 kV peak, 235 mA

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

Fixed Magnetron, Type 2M216J(L) or 2M211A-M1 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>460 mm wide, 275 mm high, 358 mm deep</u> (include feet)
Door Dimensions	:	<u>360 mm wide, 252 mm high</u> (Viewing Area: 233 mm wide, 122 mm high)
Oven Cavity Dimensions	:	<u>319 mm wide, 226 mm high, 336 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>2M216J(L) mfd by Toshiba; or</u> <u>2M211A-M1 mfd by Matsushita</u>