

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

FCC IDENTIFICATION : APYDMR0138

EQUIPMENT

Model Name : Microwave Oven Model R-214F# and R-220F#  
              : (#: Suffix letter denoting cosmetic color is provided.)  
Brand : Sharp Electronics Corp.  
Importer : Sharp Electronics Corp.

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\*\*\*\*\* 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:

<u>Magnetron Cat. No. 2M231AH(L)</u>	<u>: 3.60 kV peak, 245 mA (rms); or</u>
<u>Magnetron Cat. No. OM52S</u>	<u>: 3.68 kV peak, 245 mA (rms); or</u>
<u>Magnetron Cat. No. 2M213</u>	<u>: 3.36 kV peak, 255 mA (rms)</u>

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

Fixed Magnetron, Type 2M231AH(L) or OM52S or 2M213 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, 276 mm high, 352 mm deep</u> (include feet)
Door Dimensions	:	<u>361 mm wide, 252 mm high</u> (Viewing Area: 239 mm wide, 122 mm high)
Oven Cavity Dimensions	:	<u>321 mm wide, 225 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>2M231AH(L) mfd by Toshiba; or</u> <u>OM52S mfd by Samsung; or</u> <u>2M213 mfd by LG Electronics</u>