# \*\*\*\*\*\*\*\*\*\*\*\* INFORMATION FOR CERTIFICATION (1) \*\*\*\*\*\*\*\*\*\*

# APPLICANT:

<u>Sharp Corporation, Reliability Control Group</u> <u>22-22 Nagaike-Cho, Abeno-Ku</u> <u>Osaka 545-8522, Japan</u> <u>APY</u> <u>H. Nishira</u>	
: <u>Sharp Electronics Corporation</u> : <u>Sharp Plaza, Mahwah, New Jersey 07430</u> : <u>Steve Petruska, Product Safety Dept.</u> : <u>201-529-9689</u>	
: Japan Quality Assurance Organization Chubu Testing Center, Shikatsu Branch	
<ul> <li>Sinkatsu Branch</li> <li>53-1, Yamaura, Yakushiji, Shikatsu-cho, Nishikasugai-gun</li> <li>Aichi 481-0005, Japan</li> </ul>	
<ul> <li>Sharp Appliances (Thailand) Ltd.</li> <li>64 Moo 5, Tambol Bangsamuk Amphur Bangpakong Chachoengsao Province, Thailand</li> </ul>	
: <u>APYDMR0148</u>	
: <u>Microwave Oven Model R-308K# and R-309K#</u> (#: Suffix letter denoting cosmetic color is provided.)	
: <u>Sharp Electronics Corp.</u> : <u>Sharp Electronics Corp.</u>	

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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:

<u>RF output power 1100 W</u> (Average power output is controlled by ON/OFF switching cycles.)

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

<u>1100 W</u>

(5) The voltage and current to magnetron:

Magnetron Cat. No. 253H(L)	: 4.08 kV peak, 320 mA; or
Magnetron Cat. No. 2M226	: 4.04 kV peak, 320 mA; or
Magnetron Cat. No. 2M167B	: 4.00 kV peak, 320 mA

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

Fixed Magnetron, Type 2M253H(L) or 2M226 or 2M167B as power generator

- (7) Complete circuit diagram: Attached
- (8) Instruction book: <u>Attached</u>
- (9) Tune up procedure over the power range or at specific operating power levels: <u>Not adjustable</u>
- (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: <u>Illustration attached</u> Location of identification plate or label: <u>Photo. Attached</u>

# \*\*\*\*\*\*\*\*\*\*\* INFORMATION FOR CERTIFICATION (3) \*\*\*\*\*\*\*\*\*\*

# DESCRIPTION OF THE MICROWAVE OVEN

Unit Body Dimensions	:	<u>520 mm wide, 310 mm high, 433 mm deep</u> (include feet)
Door Dimensions	:	<u>424 mm wide, 293 mm high</u> (Viewing Area: 293 mm wide, 146 mm high)
Oven Cavity Dimensions	:	<u>375.5 mm wide, 229.8 mm high, 387 mm deep</u> (without tray)
Feed Type and Location	:	Supplied by waveguide located side of oven
Door Seal Type	:	Choke and Capacitive Seals
Magnetron Type	:	<u>2M253H(L) mfd by Toshiba; or</u> <u>2M226 mfd by LG Electronics; or</u> 2M167B mfd by Matsushita