

**SHARP**  
SHARP MANUFACTURING COMPANY OF AMERICA  
DIVISION OF SHARP ELECTRONICS CORPORATION  
Sharp Plaza Boulevard, Memphis, Tennessee 38193  
Telephone: (901) 795-6510 • Fax: (901) 367-5493

December 8,2003

Federal Communications Commission  
C/O Mellon Bank  
Mellon Client Service Center  
500 Ross Street  
Pittsburgh, PA 15262-0001

Attn.: Wholesale Lockbox Supervisor

Subject: Part 18 Class II Permissive change for Microwave Oven

Models: R-1850, R-1850A,R-1851,R-1851A,R-1852, R-1852A, R-1870,R-1871,R-1872.

Brand Name: Sharp  
FCC ID Number: APYDMR0112  
Applicant: Sharp Corporation  
Manufacturer: Sharp Manufacturing Company of America

Dear Sirs,

Sharp Manufacturing Company of America requests certification for the subject models under Part 18 and Part 2 for a Class II Permissive change. Enclosed you will find a completed FCC Form 731 and supporting exhibits. The purpose of this filing is to add additional magnetron 2M253J by Toshiba. The Oven cavity and mechanical construction are identical to previously certified equipment.

If you should have any questions concerning this application please contact myself, (901) 367-5150 or Mr. Steve Petruska, (201) 529-9689. Thank you.

Sincerely,

*Derek Shannon*

Derek Shannon  
Compliance Engineer  
Microwave Oven Division

Enclosure

FCC ID: APYDMR0112

INFORMATION FOR CERTIFICATION

**APPLICANT:**

**Name:** Sharp Corporation, Reliability Control Group  
**Address:** 22-22 Nagaike-Cho, Abeno-Ku  
Osaka 545, Japan

**Grantee Code:** APY  
**Applicant Representative:** Mr. S. Miyasaka

**REPORTED BY:**

**Name:** Sharp Manufacturing Company of America  
**Address:** Sharp Plaza Blvd., Memphis, TN 38193

**CONTACT PERSON:**

**Name:** Sharp Electronics Corporation  
**Address:** Sharp Plaza, Mahwah, New Jersey 07430  
**Applicant Representative:** Mr. Steve Petruska  
**Telephone No.:** (201) 529-9689

**MANUFACTURER:**

**Name:** Sharp Manufacturing Company of America  
**Address:** Sharp Plaza Blvd., Memphis, TN 38193

**FCC IDENTIFIER:** APYDMR0112

**EQUIPMENT:** Microwave Oven Models R-1850, R-1850A, R-1851,  
R-1851A, R-1852, R-1852A, R-1870, R-1871, R-1872.

**FCC ID: APYDMR0112**

**LIST OF EXHIBITS**

**EXHIBIT A - Purpose of Filing**

**EXHIBIT B - Block Diagram and Schematic Drawing**

**EXHIBIT C - Measurement Reports**

**FCC ID: APYDMR0112**

## **EXHIBIT A**

### **PURPOSE OF FILING**

**The purpose of this filing is to add additional Magnetrons to existing FCC ID. The 2M253J by Toshiba. The Oven cavity and mechanical construction are identical to previously certified equipment.**

# ***TECHNICAL REPORT***

## **APPLICATION FOR CERTIFICATION**

**December 2003**

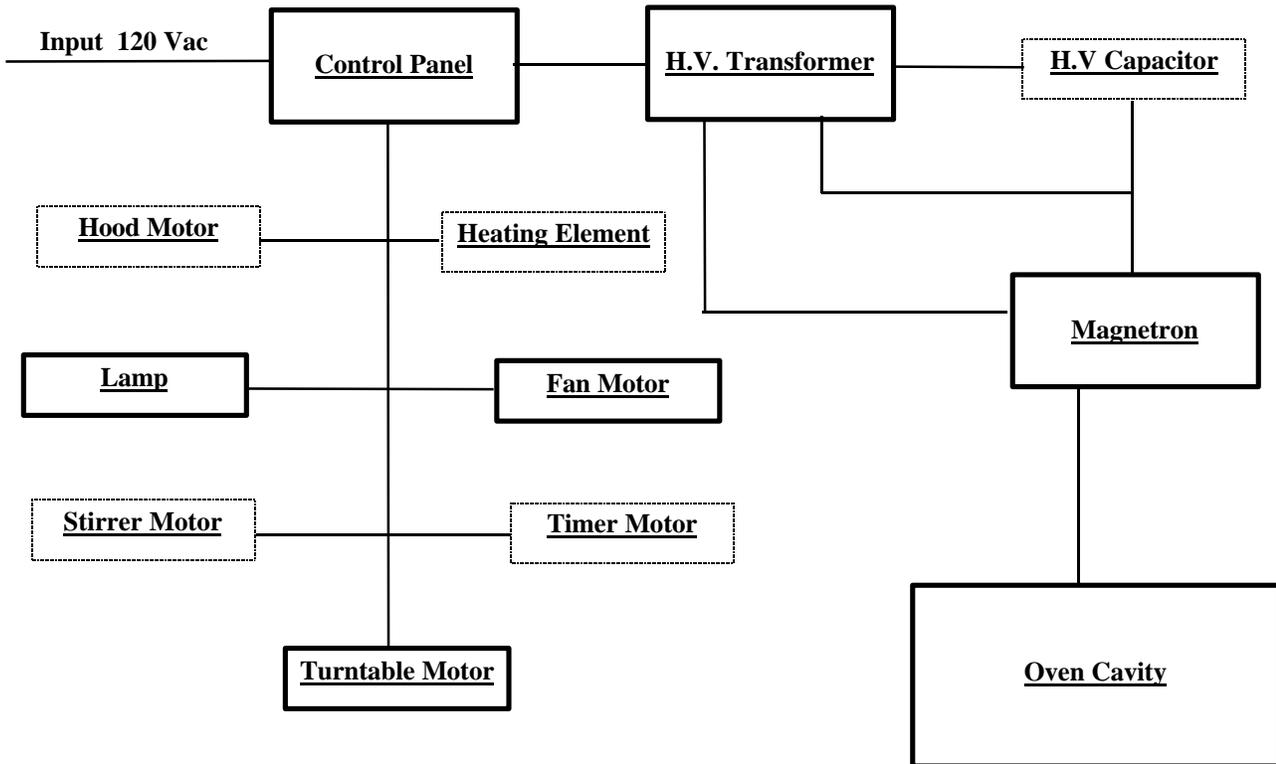
**FCC ID: APYDMR0112**

**MODEL NO.: R-1850,R-1850A,R-1851,R-1851A,R-1852,R-1852A,**

**MAGNETRON TYPE: 2M253J (Toshiba)**

**EQUIPMENT CLASS: Part 18 Consumer Device**

MICROWAVE OVEN BLOCK DIAGRAM



**Note:** Components outlined with dotted line are optional and may not be present on all models.