

TECHNICAL REPORT

1. DESCRIPTION OF MEASUREMENT FACILITY:  
The description of the measurement facility is already on file with the FCC laboratory. Please refer to the commission's reference 31010/EQU 4-3-0A.
2. INSTALLATION INSTRUCTIONS:  
See EXHIBIT 7.
3. OPERATING INSTRUCTIONS:  
See EXHIBIT 8.
4. APPLICANT:  
MATSUSHITA MICROWAVE OVEN COMPANY  
9333 W. Grand Avenue  
Franklin Park, Illinois 60131
5. MANUFACTURER:  
SHANGHAI MATSUSHITA MICROWAVE OVEN CO. LTD.  
868 Long Dong Road  
Pu Dong, Shanghai 201203 CHINA
6. MEASUREMENT SITE:  
PANASONIC MAGNETRON LAB.  
PANASONIC INDUSTRIAL COMPANY  
1707 N. Randle Road  
Elgin, Il 60123-7847
7. EQUIPMENT IDENTIFICATION:  
  
Model No. :NN-S539WF  
Brand Name : Panasonic  
FCC ID : ACLAP9661  
  
Model No. :NN-S539BF  
Brand Name : Panasonic  
FCC ID : ACLAP9661

8. EQUIPMENT SPECIFICATIONS:

Electrical Power Requirement: 120V, 60Hz, 11.0A  
 Nominal Operating Frequency: 2450 MHz  
 Maximum RF Energy Generated: 800 W (IEC 705)  
 Magnetron Type: 2M210-M1 or 2M189-M1  
 Feed Type and Location: Through the wave guide on the right sidewall of the oven.  
 Stirrer: Turntable Type  
 Cabinet Dimensions: (W) 510 x (H) 306 x (D) 350 (mm)  
 Oven Cavity Dimensions: (W) 335 x (H) 197 x (D) 350 (mm)  
 Door Viewing Area Dimensions: (W) 273 x (H) 155 (mm)  
 Door Seal Type: Slit Choke seal and capacitive seal method

9. DESCRIPTION OF DIFFERENCES

Model No.	NN-S539WF, NN-S539BF Basic Models	NN-S539WF, NN-S539BF Basic Models
Input Power	120 Vac ,11.0A	120 Vac ,11.0A
Output Power	800W (IEC705)	800W (IEC705)
Magnetron	2M189-M1	2M210-M1
Brand	Panasonic	Panasonic

PHOTOGRAPHS OF EQUIPMENT

EXHIBIT 2-A: FRONT VIEW OF MODEL NN-S539WF

EXHIBIT 2-B: REAR VIEW OF MODEL NN-S539WF

EXHIBIT 2-C: FRONT VIEW OF MODEL NN-S539WF WITH THE DOOR OPENED

EXHIBIT 2-D: TOP VIEW OF MODEL NN-S539WF WITH ENCLOSURE REMOVED

EXHIBIT 2-E: RIGHT SIDE VIEW OF MODEL NN-S539WF WITH ENCLOSURE REMOVED

EXHIBIT 2-F: BOTTOM VIEW OF MODEL NN-S539WF

EXHIBIT 2-G: LEFT SIDE VIEW OF MODEL NN-S539WF WITH ENCLOSURE REMOVED

EXHIBIT 2-H: VIEW OF DOOR CHOKE CONSTRUCTION ILLUSTRATING INTEGRAL CHOKE TYPE.

EXHIBIT 2-I: VIEW OF MAGNETRON TYPE 2M210-M1

EXHIBIT 2-I: VIEW OF MAGNETRON TYPE 2M189-M1