

Certification Application

UNDER FCC PART18

EUT MICROWAVE OVEN

MODEL TMO-1960M

FCCID BJM9UBTMO19AH

SRT REPORT # FID0H35

PREPARED FOR

TATUNG CO.

. 22 CHUNGSHAN N. RD., 3RD SEC.,

: TAIPEI, TAIWAN, R.O.C.

PREPARED BY

SPECTRUM RESEARCH & TESTING LABORATORY INC.

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Tel: 886-2-25925252
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Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

To whom it may concern:

This is to serve as proper written authorization that Spectrum Research and Testing Laboratory, Inc., 15200, Shady Grove Rd., Rockville, MD 20850, will act as our representative in all matters relating to FCC applications for equipment approval. This includes the signing of all related documents, the transmitting of required fees, and receiving correspondence and notifications from the FCC. All acts performed by Spectrum Research and Testing Laboratory, Inc., especially modifications to our equipment under testing will be carried out on our behalf.

Meantime, the applicant certifies that in the case of an individual applicant (e.g., corporation), no party to the applicant is subject to a denial of federal benefits, that includes FCC denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1998, 21 U.S.C. 862. For a definition of a "party" for those purposes see 47 C.F.R. 1.2002 (b).

If you have any questions regarding our applications for equipment approval, please contact Spectrum Research and Testing Laboratory, Inc. by calling (301) 670-2818.

Respectfully,

Ren-Guey Wu
(Name, Surname)

Effective Dates:

From 9/22/2000 to 9/22/2001

Microwave Oven Design Dept./Manager
(Position/Title)

DATE: 9/22/2000

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1. TEST REPORT CERTIFICATION**APPLICANT** TATUNG CO.**ADDRESS** 22 CHUNGSHAN N. RD., 3RD SEC.,
TAIPEI, TAIWAN, R.O.C.**EUT DESCRIPTION** MICROWAVE OVEN(A) POWER SUPPLY 120V 60Hz(B) MODEL TMO-1960M(C) FCC ID BJM9UBTMO19AH**FINAL TEST DATE** 10/16/2000**MEASUREMENT PROCEDURE USED**

* PART 18 OF FCC RULES AND REGULATIONS (47 CFR PART 18)

* FCC / OST MP-5 (1986)

* TEST PROCEDURE AND DATA ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS.

We hereby certify that

The measurements contained in this report were made in accordance with the procedures indicated, and the energy emitted by the equipment was found to be within the limits applicable.

TESTING ENGINEER Jack Wang **DATE** _____

Jack Wang

SUPERVISOR Jesse Ho **DATE** _____

Jesse Ho

APPROVED BY Johnson Ho **DATE** _____

Johnson Ho

2. TEST STATEMENT

2.1 TEST STATEMENT

1. This letter is to explain the test condition of this project.
The EUT be tested as the following status.

2. The data was shown in this report reflects the worst-case data for the condition as listed above.
Please disregard any other processor(s) speed shown in this user manual.

3. EUT Conditions.

A. Operating frequency: 2450MHz

B. Test load: For all tests the energy developed by the EUT is According to the following loads condition.

Load for power output measurement: 1000 milliliters of water in the beaker located in the center of the oven

Load for frequency measurement: 1000 milliliters of water in the beaker located in the center of the oven

Load for measurement of radiation on second and third

Harmonic: Two loads, one of 700 and the other of 300 milliliters, of water are used. Each load is tested both with the beaker located in the center of the oven and with it

in

the right front corner

Load for all other measurements: 700 milliliters of water, with the beaker located in the center of the oven

4. NVLAP logo is to be approved by management (it is according to NVLAP requirement if it need) before use.

**2.2 DEPARTURE FROM DOCUMENT POLICIES, PROCEDURE
OR SPECIFICATIONS, THE STATEMENT**

A. Did have

Any departure from document policies & procedures or from specifications.

Yes _____, No ✓

If yes, the description as below.

B. The certificate and report shall not be reproduced except in full, without the written approval of SRT laboratory.

C. The report must not be used by the client to claim product endorsement by NVLAP or any agency the government.

D. This product is a prototype product.

E. The effect that the results relate only to the items tested.

3. EUT MODIFICATIONS

The following accessories were added to the EUT during testing

No modification by SRT lab.



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Federal Communications Commission
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7435 Oakland Mills Road
Columbia, MD 21046

To whom it may concern:

This is to serve as proper notice that our company agrees to make all modifications to FCC ID:
BJM9UBTMO19AH as listed in section 3.0 of modification to submitted by Spectrum Research and
Testing Laboratory, Inc.

Respectfully,

Ren - Guay Wu
(Name, Surname)

Effective Dates:

From 9/22/2000 to 9/22/2001

Microwave Oven Design Dept. / Manager.
(Position/Title)

DATE: 9/22/2000

4. OPERATING FREQUENCY TEST

4.1 TEST EQUIPMENT

The following test equipment were used during the operating frequency test

| EQUIPMENT/ FACILITIES | SPECIFICATIONS | MANUFACTURER | MODEL#/ SERIAL# | DATE OF CAL. & CAL. CENTER | DUE DATE | FINAL TEST |
|--------------------------|-------------------------------|--------------|----------------------|-------------------------------|-------------|---------------|
| SPECTRUM ANALYZER | 9 KHz TO 22 GHz | HP | 8593E/ 3322A00670 | MARCH 2000 ETC | 1Y | ✓ |
| HORN ANTENNA | 1 GHz TO 18 GHz | EMCO | 3115/ 9602-4681 | DEC. 1999 ETC | 1Y | ✓ |
| POWER CONVERTER | 0 TO 300 VAC VAC 47-500 Hz | AFC | AFC-1KW/ 850510 | MARCH 2000 SRT | 1Y | ✓ |

4.2 TEST PROCEDURE

The EUT was tested according to FCC PART18 and MP-5.

4.3 TEST SETUP

