

PEP Testing Laboratory

EMI TEST REPORT

According to

FCC Part 15 Class B Subpart C

EQUIPMENT : Transmitters

FCC ID. : OMH6812H-303

APPLICANT : AN THAI WIRE HARNESS IND CO., LTD.

ADDRESS 30 LAI CHUNG KEN SHENGKEN HSIANG TAIPEI
HSIEN TAIWAN, R. O. C.

TEST ENGINEER : Jimmy Tang

CHECK BY : James Tang

ISSUE DATE : AUG. 30, 1999

- The test result refers exclusively to the test presented test model / sample.
- Without the written authorization of the test lab., the Test Report may not be copied.

PEP TESTING LABORATORY

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1. GENERAL INFORMATION

1.1 Verification of Compliance

EUT: Transmitters
FCC ID: OMH6812H-303
Applicant: AN THAI WIRE HARNESS IND CO., LTD.
Address: 30 LAI CHUNG KEN SHENGKEN HSIANG TAIPEI HSIEN
TAIWAN, R. O. C.
Test Type: CERTIFICATION
Result: PASS
Tested Lab.: PEP Testing Laboratory
Test Date: AUG. 23, 1999
Report Number: 990359

The above equipment was tested by PEP Testing Laboratory for compliance with the requirement set forth in the FCC rules and regulations Part 15, subpart C. This said equipment in the configuration described in the report, shows, the maximum emission levels emanating from equipment are within the compliance requirements.

The estimated uncertainty of the test result is given as following. The method of uncertainty calculation is provided in PEP Testing lab. Doc. No. PEPD-15 .

	Prob. Dist.	Uncertainty(dB)	Uncertainty(dB)
		Radiation	Conduction
Combined Std. Uncertainty u_c	norm.	± 2.08	± 1.77

M. Y. Tsui

M. Y. Tsui
EMC Manager

Date: Sep. 9. 1999

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1.2 Equipment Modifications

To achieve compliance to Class B levels, the following change(s) were made in EUT :

N/A

This modified product was used as EUT for final EMC test and report. The above modifications will be implemented in each production unit sold under the FCC ID : OMH6812H-303

Approved by:

Pi Chuan Lin
Pi Chuan Lin / Vice President

9/1/1999
DATE

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1.3 Product Information

System Configuration

ITEM	DESCRIPTION	FCC ID	CABLE
Product	Transmitters	OMH6812H-303	
Housing	ABS		
Power Supply	9-16V		
Clock/OSC Freq.	12MHz		
Device Type	Periodic Operation		

(1) EUT submitted for grant.

1.4 Test Methodology

Radiated tests were performed according to the procedures in ANSI C63.4-1992 at an antenna to EUT distance of 3 meters.

1.5 Supporting Test Devices

N/A

1.6 Test Equipment

Manufacture	Model	Serial No.	Description	Last Cal Dd/mm/yy	Cal Due Dd/mm/yy
R & S	ESBI	845658 / 003	EMI Receiver	12/02/99	11/02/00
Rolf Heine	NNB-4/63TL	98008	Line Impedance Stabilization Networks	02/12/98	01/12/99
COM-Power	AH-118	10056	Double Ridge Guide Horn Antenna	10/08/99	09/08/00
Schwarzbeck	VULB	3074	30-1500MHz LOGBICON TRI-LOG Antenna	05/03/99	04/03/00
Rohde & Schwarz	ESMI-Z7	1045-5020	Preamplifier 20MHz-7GHz	05/08/99	05/08/00

All Test Equipment Used are Calibrated Traceable to NIST Standards.

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1.7 Statement for the Document Use

This report shall not be reproduced except in full, without the written approval of the laboratory. And this report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

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2. PRODUCT LABELING

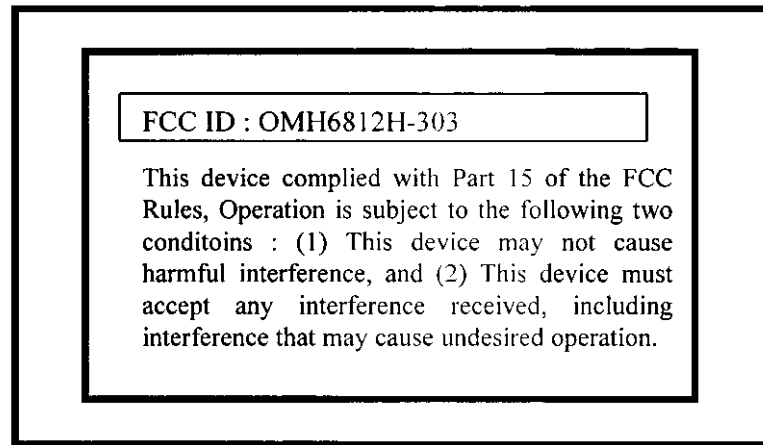


Figure 2.1 FCC ID Label

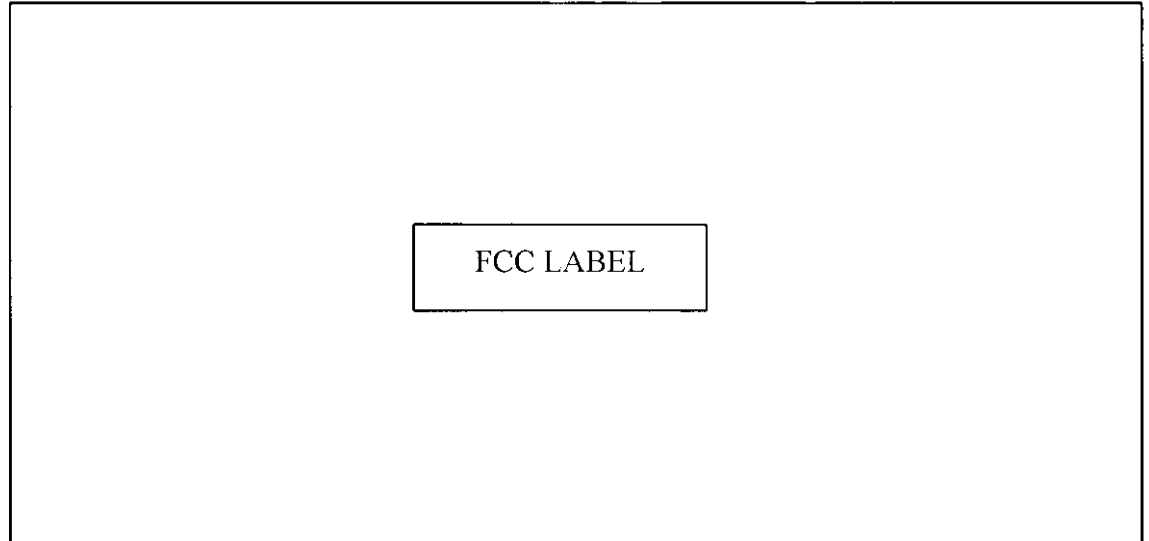


Figure 2.2 Location of Label on Back of the EUT

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3. SYSTEM TEST CONFIGURATION

3.1 Justification

The system was configured for testing in a typical fashion (as a customer would normally use it).

And its antenna was permanently attached to the EUT (Made on the PCB).

This manually operated transmitter will deactivate immediately after releasing the “OFF” or “ON” switch button.

Testing was performed in “ON” mode. It is worst case.

3.2 Special Accessories

N/A

3.3 Configuration of Tested System

Figure 3.1 and Figure 3.3 illustrate this system, which is tested standing along.