ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT
CERTIFICATION TO FCC PART 15 REQUIREMENTS

for

UNINTENTIONAL RADIATOR

AUTO ALARM SYSTEM RECEIVER

MODEL: 6974

FCC ID: H5OR30

REPORT NO: 00E8222

DATE: MARCH 22, 2000

Prepared for

ADVANCE SECURITY INC.
3F, 48, TA AN STREET, HSI CHIH
TAIPEI HSIEN, TAIWAN, R. O. C.

Prepared by

COMPLIANCE ENGINEERING SERVICES, INC.

d.b.a.

COMPLIANCE CERTIFICATION SERVICES
1366 BORDEAUX DRIVE
SUNNYVALE, CA 94089, USA
TEL: (408) 752-8166
FAX: (408) 752-8168

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TEST DATA

- Fundamental Frequency Plot
- Radiated Emission Data

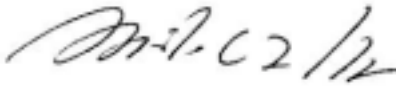
Proposed FCC ID Label..... Exhibit 1
Agent Authorization Letter..... Exhibit 2
User Manual.....…….. Attachment A
Block Diagram/Schematics..... Attachment B

1. VERIFICATION OF COMPLIANCE

COMPANY NAME	:	ADVANCE SECURITY INC. 3F, 48, TA AN STREET, HSI CHIH TAIPEI HSIEN, TAIWAN, R. O. C.
CONTACT PERSON	:	JESSIE CHIU / MANAGING DIRECTOR SALES
TELEPHONE NO.	:	(886-2) 2643-8192
EUT DESCRIPTION	:	AUTO ALARM SYSTEM RECEIVER
MODEL NAME/NUMBER	:	6974
FCC ID	:	H5OR30
DATE TESTED	:	MARCH 22, 2000
REPORT NUMBER	:	00E8222

TYPE OF EQUIPMENT	SECURITY EQUIPMENT (UNINTENTIONAL RADIATOR)
EQUIPMENT TYPE	433.92 MHz SUPERREGENERATE RECEIVER
MEASUREMENT PROCEDURE	ANSI 63.4 / 1992
LIMIT TYPE	CERTIFICATION
FCC RULE	CFR 47, PART 15.109

The above equipment was tested by Compliance Engineering Services, Inc. for compliance with the requirements set forth in CFR 47, PART 15. This said equipment in the configuration described in this report shows that maximum emission levels emanating from equipment are within the compliance requirements.



MIKE C.I. KUO / VICE PRESIDENT
COMPLIANCE CERTIFICATION SERVICES

2. PRODUCT DESCRIPTION

ADVANCE SECURITY INC., Model 6974 is the receiving portion of a multi-purpose security device. The associated Transmitter is manufactured by Advance Security Inc. Model No: 6906, FCC ID: H5OT11.

3. TEST FACILITY

The 3 meter open area test site and conducted measurement facility used to collect the radiated data is located at 561F Monterey Road, Morgan Hill, California, U.S.A. A detailed description of the test facilities was submitted to the Commission on May 27, 1994.

The measuring instrument which was utilized in performing the tests documented herein has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment which is traceable to recognized national standards.

4. MEASUREMENT EQUIPMENT USED

Manufacturer	Model Number	Description	Cal Due Date
R&S	SMY 02	Signal Generator (9 KHz – 2.08 GHz)	01/2001
H.P.	8595EM	Spectrum Analyzer (9 KHz – 6.5 GHz)	09/2000
EMCO	3142	Antenna (30-2000 MHz)	07/2000
H.P.	8447E	Preamplifier (0.1 - 1300 MHz)	09/2000
EMCO	3115	Antenna(1 – 18 GHz)	09/2000
MITEQ	NSP2600-44	Preamplifier (1 - 26.5 GHz)	12/2000

5. TEST CONFIGURATION

Set Signal generator to 433.92 MHz. EUT receiving transmission continuously. All the wires are placed on the turn table to their maximum length to simulate the worse emission conditions.

6. TESTS CONDUCTED

CFR 47, 15.109 RADIATED EMISSION TESTS	CONDUCTED AT 3 METERS

7. RADIATED EMISSION TEST PROCEDURE

The EUT and all other support equipment are placed on a wooden table 80 cm above the ground screen. Antenna to EUT distance is 3 meters. During the test, the table is rotated 360 degrees to maximize emissions and the antenna is positioned from 1 to 4 meters above the ground screen to further maximize emissions. The antenna is polarized in both vertical and horizontal positions.

Monitor the frequency range of interest at a fixed antenna height and EUT azimuth. Frequency span should be small enough to easily differentiate between broadcast stations and intermittent ambient. Rotate EUT 360 degrees to maximize emissions received from EUT. If emission increases by more than 1 dB, or if another emission appears that is greater by 1 dB, return to azimuth where maximum occurred and perform additional cable manipulation to further maximize received emission.

Move antenna up and down to further maximize suspected highest amplitude signal. If emission increased by 1 dB or more, or if another emission appears that is greater by 1dB or more, return to antenna height where maximum signal was observed and manipulate cables to produce highest emissions, noting frequency and amplitude.

8. COHERENT TESTS

During Radiated Emission Tests, R&S signal generator model no: SMY 02 (9K – 2.08G Hz) was used to radiate unmodulated CW signal to EUT at 433.92 MHz. Please refer to attached radiated emission plots and data for the highest readings.

9. EQUIPMENT MODIFICATIONS

To achieve compliance to FCC section 15.109, the following change(s) were made during compliance testing:

NOT APPLICABLE

10. TEST CONFIGURATION PHOTOS (Radiated Emission Test)