

1. GENERAL INFORMATION

1.1 Product Description

a) Type of EUT	: Transmitter Of The 2- Way System
b) Trade Name	: ----
c) Model No.	: H1AF300
d) FCC ID	: M65 H1AF300
e) Working Frequency	: 433.920 MHz (TX) / 433.720 MHz (RX)
f) Power Supply	: DC 12V

1.2 Characteristics of Device:

This device is the car unit of the 2- Way System. It receive RF signal from remote controller (hand unit) and send the message via 3-pin wire to base unit which connect to car computer system. It also respond message by sending RF signal to remote controller (hand unit).

1.3 Test Methodology

Both conducted and radiated testing were performed according to the procedures in chapter 13 of ANSI C63.4.

The Transmitter under test was operated continuously in its normal operating mode for the purpose of the measurements. In order to secure the continuous operation of the device under test, rewiring in the circuit was done by the manufacturer so as to affect its intended operation. The receiving antenna polarized horizontally was varied from 1 to 4 meters and the wooden turntable was rotated through 360 degrees to obtain the highest reading on the field strength meter or on the display of the spectrum analyzer. And also, each emission was to be maximized by changing the orientation of the Transmitter under test.

In order to determining the average value during one pulse train of the radiated power generated from the Transmitter under test, the encoded wave form in the time domain was used.

1.4 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is located on the roof top of Building at No.34, Lin 5, Ding Fu Tsun, Linkou Hsiang, Taipei Hsien, Taiwan, R.O.C.

This site has been fully described in a report submitted to your office, and accepted in a letter dated Feb. 10, 2000.