2. DESIGN MODIFICATIONS FOR COMPLIANCE

Device: Canyon Ridge Communications Motorola "Instinct Plus™" Pager (Receiver) Family

Model: A03FPB5961AA

No design modifications were made to the EUTs during testing.

3. DESCRIPTION OF EUT

The EUT is a family of pagers (receivers), which are designed to receive numeric data via radio frequency transmissions.

The pager consists of an RF receiver and a microcomputer-controlled decoder combined on a single circuit board. Typically, a page is received via an RF carrier that is frequency-modulated by a coded binary sequence. Basically, the signal patter consists of binary data, including the address code, which is followed by paging data. This data is displayed on the pager [via an LCD display].

The circuitry in the receiver performs the RF to intermediate frequency (IF) conversion and the frequency demodulation. This information is passed to the decoder which contains the logic circuits to decode the binary information. In addition, the decoder contains the logic control for the switches, the display and alerts.

4. SYSTEM CONFIGURATION

DEVICE	MANUFACTURER MODEL # SERIAL #	POWER CABLE
EUT: Motorola "Instinct Plus™" Pager (Receiver) Family	Canyon Ridge Communications A03FPB5961AA N/A	N/A (battery powered)

5. DESCRIPTION OF TESTING METHODS DEMONSTRATING COMPLIANCE WITH FCC RULES FOR CLASS 'B' DEVICES

5.1 Introduction

As required in 47 CFR, Parts 2 and 15, the methods employed to test the radiated and conducted emissions (as applicable) of the EUT are those contained within the American National Standards Institute (ANSI) document C63.4-1992, titled "Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz." All applicable FCC Rule Sections which provide further guidance for performance of such testing are also observed.