

Description – TX-434-5B

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The EUT is a “Key Chain” transmitter designed to operate under the provisions of section 15.231 of the FCC rules as a intentional radiator. The EUT radiates a control signal used to operate a remote switch. 433.92 MHz is the design operating frequency.

Transmit functions are controlled by the HCS301 encoder IC manufactured by Microchip Technology, Inc. Blank alternate code word allows transmission of every fourth code word. Five function buttons are provided which determine the specific code word transmitted. In production units the HCS301 IC will be programmed with a time out timer limiting the maximum transmit period. The Transmitting Antenna is a printed circuit board loop. Multiple code word transmissions will continue as long as a function button is depressed but with a maximum duration set by the time-out-timer.