

Technical Description:

TVH600 is a remote control of the Fan Heater. Every time the users press the buttons, the control data will be transmitted to the receiver unit through 315MHz. The TX module is made by a transmitter IC PT4450 and its associate circuit. It consists of a SAW oscillator, power amplifier, and one-shot circuit which control the SAW oscillator and power amplifier. The frequency of the oscillator is 315MHz. The data from the MCU is mixed with the RF signal of the SAW oscillator. The RF signal passes through the power amplifier and the matching network (C3, C2, C7, L2) and then sent out by the Antenna.