

FCC ID: VK2-ESKYSZ09

Circuit Description

The 72.13, 72.87MHz crystal oscillator drives the base of Q5 the final/buffer amplifier. The modulation provided by IC. The output of Q5 has the matching network consisting of C24, C25, C26 and C27, T4, T5 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

The antenna consists of a 96cm long Metal antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 12 Volt ("AA" size battery x 8) primary battery

Operation Descriptions

The transmitter is a remote control toy operating at 72.13MHz, 72.87MHz band. The transmitter is powered by a 12V battery ("AA" size battery x 8) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 72.13MHz & 72.87MHz carrier frequency.

Remarks:

The transmitter is a 6 joystick transmitter. The EUT continues to transmit while joystick is being pressed. It is joystick transmitter, Modulation by IC; and type is Pulse modulation.