Circuit Description

This is RC Helicopter,when the control key is pressed,A encode signal from U4 is transmitted.Q6 and crystal for osilator,Q1 is rf amp ,Q2 is modulation encode signal for rf, signal through filter send by antenna.Antenna and grond circuitryThis unit make use an extenal antenna，This antenna is inductively coupled.This unit relies on the ground trace of the printed circuit board.No external ground is provided.energry is supplied by 6pcs aa alkaline battery.the user turning on the unit to the toy game when turned on,The unit comes up on the default channel and transmits a continuously steam data.The user can not change .Change to any other of the predefined channel.The transmitted rf circutiry consists of a crystal controlled oscillator,which is 49.86Mhz.A 49.86MHZ crystal oscillator is used to generate ths reference frequencyIt has a stability of +/-20ppm.Ths Oscillator is followed by amplifiers.These final output is 80dbuv/m max .The tx system iscontrolled by a encode ic running with 16mhz rc