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Circuit Description

The Q1, C2, C3 constitutes 27M high frequency oscillation circuit.

The modulation provided by T1, C2, C3. The output of Q1 has the matching network consisting of L1 and C7 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 20 cm 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 9 Volt ("6f22" size battery x 1) primary battery

Operation Descriptions

The transmitter is a remote control toys operating at 27MHz band. The transmitter is powered by a 9V battery ("6f22" size battery x 1) and the transmitting frequency is Q1, C2, C3 controlled. The operation is achieved by different combinations of form pulse modulating signal on the 27MHz carrier frequency.

Remarks:

The transmitter is a two button transmitter. The EUT continues to transmit while button is being pressed. It is button transmitter, Modulation by T1, C2, C3; and type is Amplitude modulation.

Yours faithfully,



Kat Cheung

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