

FCC ID:KT6B-7007

Circuit Description

The 89.125MHz oscillator drives the base of Q2 the final/buffer amplifier. The modulation provided by Mic. The output of Q2 has the matching network consisting of L3 and C3 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 19cm long metal wire. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 3 Volt ("AA" size battery x 2) primary battery

The transmitter (EUT) is a 3 button transmitter. The EUT continuous to transmit while the button switch to "TX" position. EUT is voice transmissions, so modulation provided by mic. user FM radio turning the same frequency to EUT, then it will received sound from EUT.

Modulation type - Frequency modulation

Signal type - Narrowband signal

Information being sent - voice transmissions

Pulse repetition rate - 3 msec