

Circuit Description

Model: FMHI-F1 Wireless Earphone

The 88-48 MHz oscillator drives the base of Q1,F1,C11. the modulation provided by Q3,SW. The output of FM has the matching network consisting of L3,C14 and L4,C15 that limit the harmonic content and effect the proper coupling of the antenna to output Antenna.

Antenna, Ground and Power Source

The antenna is Printed Circuit on PCB.

There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by 3 Volt(AA size battery x 2)battery or 4.5VDC

Adapter operation Descriptions

The transmitter is operating at 88-108 MHz band. While the power is supplied.

Remarks:

The ELT is a FM transmitter.

The EUT continues to transmit while normal operation

And type is Frequency/modulation

Because R8,R9 have large Valise and Audio Amplifier is low gain. It insure the Emission Bandwidth 52.5KHg <<Limit 200KHg.