

Operation Description of receiver for FM Wireless Microphone

The FM wireless microphone is a receiver operating at 100 MHz. The EUT is powered by 1 x 1.5 V AA size battery. There is an ON/OFF switch on the body. When the power is switched to ON position, it receives the signal from the mic.

Refer to the circuit design, the circuit description is listed as follows :

- U1 and associated circuit act as decoder
- V1, Q1, L3 and associated circuit act as regulator
- F1 and associated circuit act as oscillator
- L1, L2, C4-C7 and associated circuit act as filter
- C21 and associated circuit act as audio output