

Technical Description

The Equipment Under Test (EUT), is a 433.92MHz Transmitter for a Remote Device of Door/Window Sensor Alarm. The sample supplied operated on a single channel, 433.92MHz. The EUT is powered by 1 x 3.0V CR2032 Lithium Cell.

Antenna Type: Internal, Integral antenna
Nominal rated field strength is 79.9dB μ V/m at 3m (Peak)
Maximum allowed production tolerance: +/- 3dB

The brief circuit description is listed as follows:

1. U1 (NY8A051F) acts as MCU
2. U2 (VI8855BC) acts as RF IC
3. Y1 acts as 13.56MHz Oscillator
4. C1, C2, C3, C4, L1 and L2 act as antenna matching circuit.