

Technical Description

The equipment under test (EUT) is a transmitter for Remote door bell operating at 315MHz which is operated by a crystal. The EUT is powered by 1 x 12V alkaline new battery. The EUT has one control key, press the control key on the EUT in order to control the desired doorbell receiver. This manually transmitter will automatically deactivate the transmitter within not more than 5 seconds of being released.

The brief circuit description is listed as below:

- 1) U1 acts as a MCU (HS2303PT).**
- 2) U2 acts as an EEPROM (24C02).**
- 3) U3 acts as a LDO (HT7133).**
- 3) Y1 acts as a Crystal for U1.**

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength: 77.2 dB μ V/m at 3m

Maximum allowed field strength of production tolerance: +/- 3dB