

Technical Description

Report No.: 16080858HKG-001

The Equipment Under Test (EUT) is a portable 2.4GHz Transceiver (Stuffed Elephant) operating at the frequency range of 2423-2473MHz with the following occupied channels, 2423MHz, 2442MHz, 2449MHz and 2473MHz.

The EUT is powered by 3*1.5V AAA battery. After switching on the controller and pressing the button, the EUT will produce sound.

Antenna Type: Internal integral antenna

Antenna Gain: 0dBi

Nominal rated field strength: 76.7dB μ V/m at 3m

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

The brief circuit description is listed as below:

1. U1 and the associated circuit act as MCU.
2. Y1 and the associated circuit act as frequency oscillator.
3. AM5AB020X, J1, J2, J3 and the associated circuit act as the sound unit.