

Technical Description

Report No.: 16051086HKG-001

The Equipment Under Test (EUT) is a 2.4GHz Transceiver (Controller Unit) operating at a frequency range of 2402-2480MHz with 1 MHz channel spacing.

The EUT is powered by 9V battery. After switching on the EUT and Paired with the car, the car can be controlled to move forward/backward and turn left/right by the controller.

Antenna Type: Internal integral antenna

Antenna Gain: 0dBi

Nominal rated field strength: 90.1dB μ V/m at 3m

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

The brief circuit description is listed as below:

1. U2 and the associated circuit act as MCU.
2. U1 and the associated circuit act as power unit.
3. Y1 and the associated circuit act as frequency oscillator.