

Technical Description

Report No.: 16040536HKG-001

The Equipment Under Test (EUT) is a portable 2.4GHz Transceiver (Controller Unit) for a RC car operating at the frequency range of 2410-2475MHz with 1 MHz channel spacing.

The EUT is powered by 2 * 1.5V AA batteries. After switch on the EUT and paired with car, the car can be controlled to move forward and turn left/ right by the controller.

Antenna Type: Internal integral antenna

Antenna Gain: 0dBi

Nominal rated field strength: 92.2dB μ V/m at 3m

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

The brief circuit description is listed as below:

1. U1 and associated circuit represent 2.4GHz RF module.
2. U2 represents the power filter.
3. Y1 represents the 16M oscillator for U1.
4. ANT1 represent the antenna.