

# Technical Description

Report No.: 16120190HKG-001

The Equipment Under Test (EUT) is a receiver (RC Boat) operating at 49.860 MHz. The EUT is powered by a 4.5 V DC source (3 x 1.5V AAA battery).

After switching ON the controller and the receiver (RC Boat), activating the control levers on the controller can control the EUT moving forward, backward, left or right.

Antenna Type: Internal integral antenna

The brief circuit description is listed as below:

1. IC1 and the associated circuit act as signal amplifier and decoder.
2. Q1 and the associated circuit act as super regenerative receiver.
3. U1, U2 and the associated circuit act as motor driver.