

## 2325 TX Operation Description

The transmitter of 1/16 SAND HERO is powered by 9.0V battery, it has radio frequency 27.145MHz. While push the left controller sticks forward, it will transmitted a modulation signal for receiver to go forward. On the other hand , the receiver will move backward. When turn both of the left and the right controller, the receiver will turn clockwise or counter-clockwise.

Refer to the transmitter circuit design, the circuit description is listed as below :

- X1, L2, R7 and associate components are acted as local oscillator for modulation.
- L1, C7, T1, L3 and associate components are acted as RF power amplifier.
- U1 and associate components are acted as control signal encoder.

All tuning and verifications are performed by the manufacturer and there are no adjustments that can be made by the User. No external ground is required or used with this transmitter