

## **Description of EUT Operation :**

SAMPLE DESCRIPTION: **FLY WHEELS R/C SKATE**  
**RF Remote Controller (49.86 MHz)**  
APPLICANT: **Jakks Pacific (HK) Ltd**  
FCC ID: **OTARC73630T49**

### Circuit Description:

Q1 the 49.86 MHz crystal oscillator drives the base of Q2 the final/ buffer amplifier. Summed into the same base (Q2) is the modulation provided by IC1. The output of Q2 has the matching network consisting of T1, L3, L2, C10, C11, and C12 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

### Antenna, Ground, and Power Source

The antenna consists of a 48 cm long telescoping chrome over brass tubing. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by 1pcs 9Volt primary storage cell.