

**Description of EUT Operation:**

Sample Description: 90491 Odd On Overboard  
Receiver (49.860MHZ)

FCC ID (if applicable): T2J90490RX49

The Equipment-Under-Test (EUT) is a Super-regenerative Receiver for a remote controlled toy operating at 49.860MHz. The EUT can be controlled in four moving directions (forward/backward and left/right turn).

Modulated signal detected by the receiver with appropriate frequency are resonated. The original command signals is demodulated and decoded by the receiving end IC (RX2), which in turn drives motors into appropriate action by the driving circuit. (Transistors Q4-14).

The antenna of receiver is a wire and it is fixed inside the vehicles (near the rear part of vehicles).