

# Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Controller Unit) for a RC dinosaur. The sample supplied operated on 71 channels, normally at 2405 - 2475MHz with 1MHz channel spacing.

The EUT is powered by 2 x 1.5V AAA batteries. After switching on the EUT, the dinosaur will move in different directions based on the switches pressed in the controller, emit sound and light.

## 2.4GHz RF portion

Antenna Type: Internal, Integral

Antenna Gain: 0 dBi

Operating mode	Range of Peak Conducted Power	Modulation
2.4GHz	-15 dBm to 0dBm	GFSK

## **The main components are described below:**

### **2.4G portion**

1. U1 AT8B62D is 2.4GHz RF radio core
2. 24MHz crystal (Y1) is operating clock for AT8B62D