

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Portable Controller for a RC jet toy set. The operation frequency range is between 2405MHz and 2475MHz with 1 MHz channel spacing following 71 channels used.

The EUT is powered by 2 x 1.5V AAA batteries.

After switching on the EUT, the jet will be moved forward or backward and turned left or right based on the switches pressed in the controller.

Antenna Type: Internal, Integral

The brief circuit description is listed as below:

- 1) U1 acts as MCU and RF IC (BO-T105B).**
- 2) Y1 (12MHz) acts as a crystal for U1.**

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 97.9 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB