

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Controller Unit) for a RC Plane set. The sample supplied operated on 55 channels, normally at 2418 - 2472 MHz for transmitter and receiver. The channels are separated by 1MHz channel spacing.

The EUT is powered by 6 x 1.5V AA batteries. After switch on the EUT, the Plane will be moved upward and downward based on the switches pressed in the controller.

Antenna Type: Internal, Integral antenna

For electronic filing, the brief circuit description is saved with filename: descri.pdf.

The brief circuit description is listed as below:

- 1) U1 and U2 acts as a 2.4GHz RF chipset.**
- 2) Y1 acts as a 16MHz crystal.**
- 3) U6 acts as 3-axis MEMS accelerometers.**
- 4) U4 and U5 acts as voltage regulator.**
- 5) U3 acts as battery charging.**

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 89.1 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB