

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transmitter (Controller Unit) for a RC Dino. The sample supplied operated on 66 channels, normally at 2410 - 2475MHz. The channels are separated with 1MHz spacing.

Antenna Type: Internal, Integral antenna

Antenna Gain: 0dBi

Nominal rated field strength is 100.9dB μ V/m at 3m (Peak), 74.6dB μ V/m at 3m (Average)

Maximum allowed production tolerance: +/- 3dB

The brief circuit description is listed as follows:

1. U1 acts as RF MCU
2. Y1 acts as 12MHz Oscillator
3. C4, C5, C9 and L1 act as antenna matching circuit