

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Controller Unit) for a RC car. The sample supplied operated on single channel, normally at 2450MHz.

Antenna Type: Internal, Integral antenna

Antenna Gain: 0dBi

Nominal rated field strength is 92.5dB μ V/m at 3m (Peak), 52.1dB μ V/m at 3m (Average)

Maximum allowed production tolerance: +/- 3dB

The brief circuit description is listed as follows:

1. U1 (643330-TX) acts as MCU
2. Y1 acts as 16MHz Oscillator
3. C7, C8 and L1 act as antenna matching circuit