

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Controller Unit) for a RC car. The sample supplied operated on 22 channels, normally at 2420 - 2465MHz. The channel table is shown below.

2420	2422	2424	2426	2428	2430
2432	2435	2437	2439	2441	2443
2445	2447	2449	2451	2453	2455
2457	2459	2461	2465		

Antenna Type: Internal, Integral antenna

Antenna Gain: 0dBi

Nominal rated field strength is 100.3dB μ V/m at 3m (Peak), 78.4dB μ V/m at 3m (Average)

Maximum allowed production tolerance: +/- 3dB

The brief circuit description is listed as follows:

1. U1 (HF2410) acts as MCU
2. Y1 acts as 16MHz Crystal Oscillator
3. C1, C3, C4, L1 and L2 act as antenna matching circuit