Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Controller Unit) for a RC car. The sample supplied operated on 33 channels. The channels are shown in the tables below:

2420	**2421**	**2423**	**2424**
2425	**2426**	**2427**	**2428**
2430	**2434**	**2436**	**2437**
2438	**2439**	**2440**	**2441**
2442	**2443**	**2444**	**2445**
2446	**2451**	**2452**	**2453**
2454	**2455**	**2456**	**2457**
2458	**2459**	**2460**	**2461**
2465			

The EUT is powered by 2 x 1.5V AAA batteries. After switching on the EUT, the car will move based on the switches pressed in the controller.

Antenna Type: Internal, Integral antenna
Antenna Gain: 0dBi
Nominal rated field strength is 93.2dBµV/m at 3m (Peak), 69.4dBµV/m at 3m (Average)
Maximum allowed production tolerance: +/- 3dB

The brief circuit description is listed as follows:

1. U1 (PAN2711P3CA) acts as MCU
2. Y1 acts as 16MHz Oscillator
3. C2, L1 and C4 act as antenna matching circuit