

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz pure transmit controller (Controller Unit) for a RC car. The operation frequency range is between 2405MHz and 2475MHz with 76 channels. The channels are separated by 1 MHz channel spacing.

The EUT is powered by 1 x 9.0V alkaline batteries.

After switch on the EUT, the car will be moved forward or backward, turned left or right based on the switches pressed in the controller.

For FCC, the Models: 88093, 88103, 88113, 88123, 88133, 88183, 88243, 88283, 88293, 88303, 88313, 88333, 88343, 88413, 88423, 88433, 88513, 88074, 88094, 88104, 88114, 88124, 88134, 88184, 88244, 88284, 88294, 88304, 88314, 88334, 88344, 88414, 88424, 88434, 88514, 5F633F7 and 5F633F8 are the same as the Model: 88073 in hardware aspect. The difference in model number serves as marketing strategy. The models are different in non-conductive outer casing of corresponding receiver only.

Antenna Type: Internal, Integral

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

The brief circuit description is listed as below:

- 1) U1 acts as a MCU and RFIC (RS14132-Tx).
- 2) Y1 (12MHz) acts as an oscillator.
- 3) IC2 acts as a power supply (7130).

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 100.2 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB