

Technical Description

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Shark Unit) for a RC Shark. The sample supplied operated on 61 channels, normally at 2412 - 2472 MHz for transmitter and receiver. The channels are separated by 1 MHz spacing.

The EUT is powered by 2 x 1.5V AAA batteries. After switch on the EUT, the shark will be moved forward, turned left and right based on the switches pressed on the controller.

The Models: 90002, 90003, 90004, 90005, 90006, 90007, 90008 and 90009 are the same as the Model: 90001 in hardware aspect as declared by client. The difference in model number serves as marketing strategy as declared by client. The models are different in model number, item name, color, packaging and non-accessories only as declared by client.

The brief circuit description is listed as below:

1. RF2520 SOP16 acts as MCU
2. Y1 acts as 12MHz Crystal Osc.

Antenna Type: Internal, Integral antenna

Antenna Gain: 0dBi

Nominal rated field strength is 102.0 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB