

Technical Description

The Equipment Under Test (EUT) is a 2.4GHz Transmitter (Controller) for a Car Set. The EUT is powered by 2 x 1.5V AA batteries. The 2.4GHz module is operating on 71 channels, normally at 2405 – 2475 Mhz. The channels are separated by 1 MHz channel spacing.

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

The Model: 89135, 89225, 89229, 89285, 89289, 89335, 89339, 89415, 89485 and 89489 are the same as the Model: 89075 in hardware aspect as declared by client. The models are different in non-conductive outer casing only as declared by client.

Antenna Type: Internal, Integral antenna

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 RF IC chipset (ca-T110A).
- 2) Y1 acts as a 12MHz crystal.

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 98.3 dB μ V/m at 3m

Maximum allowed production tolerance: +/- 3dB