

## 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 8 channels, normally at 2408 - 2467 MHz. The channel table is shown below.

2408	2414	2428	2434
2440	2455	2461	2467

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: 400001B and 400002B are the same as the Model: 400000B 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.
- 2) Y2 acts as a 12MHz crystal.

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 96.1 dB $\mu$ V/m at 3m

Maximum allowed production tolerance: +/- 3dB