

## **Technical Description**

The Equipment Under Test (EUT) is a 2.4GHz Transceiver (Train) for a Train Set. The EUT is powered by 6 x 1.5V C batteries. The 2.4GHz module is operating at the frequencies (2413; 2435; 2436; 2438; 2439; 2440; 2441; 2442; 2443; 2444; 2445; 2468; 2469; 2470; and 2471MHz). After switching on the EUT, the corresponding Transceiver (Controller) can control the EUT (Train) moving forward and backward.

The Model: 711960 is the same as the Model: 711792 in hardware aspect as declared by client. The models are different in model number and package only as declared by client.

**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) U2 acts as an MCU (Q372N-WLP135SO20J).**
- 2) U3 acts as a 2.4GHz RF circuit (WT24DK2015B).**
- 3) U1 acts as a motor driver circuit.**
- 4) Y1 acts as a crystal (16MHz).**

**Antenna Type:** Internal antenna

**Antenna Gain:** 0dBi

**Nominal rated field strength is** 91.4 dBµV/m at 3m

**Maximum allowed production tolerance:** +/- 3dB