

## Technical Description

The Equipment Under Test (EUT) is a 2.4GHz Transceiver (Controller) for a Train Set. The EUT is powered by 3 x 1.5V AAA 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 2471 MHz). After switching on the EUT and the corresponding Transceiver (Train), activating the control keys on the EUT can control the Train moving forward and backward.

The Model: 711960 is the same as the Model: 711802 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) U1 acts as a MCU circuit (Q372N-WLP134SO20J).
- 2) U3 acts as a 2.4GHz RF circuit (WT24DK2015B).
- 3) Y1 acts as a 16MHz crystal.

Antenna Type: Internal antenna

Antenna Gain: 0dBi

Nominal rated field strength is 97.5 dB $\mu$ V/m at 3m

Maximum allowed production tolerance: +/- 3dB