

# INTERTEK TESTING SERVICES

---

## RF Exposure

The Equipment Under Test (EUT) is a Jetson Mako Kids Electric Motor Assist Push Car with 2.4G function operating in 2407-2473MHz, The EUT is powered by DC 3V (2 x 1.5V AAA batteries). For more detail information pls. refer to the user manual.

Modulation Type: GFSK

Antenna Type: Integral antenna.

Antenna Gain: -4.3dBi.

The nominal conducted output power specified: -2.1dBm (+/-2dB).

The nominal radiated output power (e.i.r.p) specified: -6.4dBm (+/- 2dB).

According to the KDB 447498 D04 v01:

The maximum peak radiated emission for the EUT is 90.8dB $\mu$ V/m at 3m in the frequency 2407MHz

The EIRP =  $[(FS \cdot D)^2 / 30]$  mW = -4.43dBm

which is within the production variation.

The minimum peak radiated emission for the EUT is 88.6dB $\mu$ V/m at 3m in the frequency 2473MHz

The EIRP =  $[(FS \cdot D)^2 / 30]$  mW = -6.63dBm

which is within the production variation.

The maximum conducted output power specified is -0.1dBm = 0.98 mW

The source-based time-averaging conducted output power = 0.98 mW

### **1-mW Test Exemption:**

Since the source-based time-averaging conducted output power is well below 1-mW Test Exemption, per KDB 447498 D04 v01 and §1.1307 (b) (3) (i) (A), the EUT is considered to comply with SAR requirement without testing and no evaluation is required.