

Analysis Report

Report No.: 21071375HKG-001

The Equipment Under Test (EUT) is the Baby Swinger which include speaker for audio playing and motor for Swinging. The EUT is a "Bluetooth 5" device which operates at frequency range between 2402MHz and 2480MHz. The EUT support 79 channels within the frequency range. The EUT is powered by adaptor Model: KA0601A-05010000USU (Input: 100-240VAC 0.2A 50/60Hz Output: 5VDC 1000mA). This "Bluetooth 5" device that without support BLE.

Antenna Type: Internal integral antenna

Antenna Gain: -0.58dBi

Peak conducted RF power range: -15 to 2 dBm

According to the KDB 447498:

Conducted power = 2 dBm (max)

So;

Conducted Power = 1.585 mW.

The SAR Exclusion Threshold Level:

$= 3.0 * (\text{min. test separation distance, mm}) / \text{sqrt}(\text{freq. in GHz})$

$= 3.0 * 5 / \text{sqrt}(2.480) \text{ mW}$

$= 9.53 \text{ mW}$

Since the above conducted output power is well below the SAR Exclusion threshold level, so the EUT is considered to comply with SAR requirement without testing.