

Analysis Report

Report No.: 22061326HKG-001

The Equipment Under Test (EUT) is Circular ring (portable device) with 2.4GHz Bluetooth Low Energy (BLE) Transceiver.

It is powered by 3.7V internal rechargeable battery

Antenna Type: Internal, integral, ceramic antenna

Peak Antenna Gain: 1 dBi

Peak RF conducted power range: -15 dBm to 0 dBm

According to the KDB 447498:

Maximum conducted power = 0 dBm

So;

Conducted Power = 1.0 mW

The SAR Exclusion Threshold Level:

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

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

$= 9.53 \text{ mW}$

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.