

Analysis Report

Report No.: 25030638HKG-002

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Motor Unit).
The sample supplied operated on 71 channels, normally at 2405 - 2475MHz.
The channels are separated with 1MHz spacing.

The EUT is powered by 1 x 3.7V lithium-ion rechargeable battery.

Peak Conducted range: -20dBm to 0dBm

Antenna Gain: 0dBi

According to the KDB447498 D01 v06:

Conducted Power (maximum)
= 0 dBm (1 mW)

The SAR Exclusion Threshold Level:
= $3.0 * (\text{min. test separation distance, mm}) / \sqrt{\text{freq. in GHz}}$
= $3.0 * 5 / \sqrt{2.480}$ mW
= 9.53 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.