

# Analysis Report

Report No.: HK23030716

The Equipment Under Test operates at frequency range of 2402MHz to 2480MHz.

## **Bluetooth portion**

Antenna Type: Internal, Integral, PCB trace antenna

Printed Inverted-F Antenna (PIFA)

Maximum Antenna gain: 1.72 dBi

Conducted peak power range: 0 dBm to +13 dBm

Conducted average power range: -25 dBm to 0 dBm

According to the KDB 447498 D04 V01:

Conducted Average Power (maximum)

= 0 dBm (1 mW)

The SAR Exclusion Threshold Level:

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

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