

INTERTEK TESTING SERVICES

RF Exposure

The equipment under test (EUT) is a Wireless Ear Buds Case Rhinestone with Chain with Bluetooth 5.0 (Dual Mode) function operating in 2402-2480MHz. The EUT is powered by DC 3.7V from by inner rechargeable battery. For more detail information pls. refer to the user manual.

EDR function

Antenna Type: Integral Antenna.

Antenna Gain: 1.5 dBi Max. (This information is provided by applicant, and the applicant is responsible for the authenticity of the provided information.)

Modulation Type: GFSK, p/4-DQPSK and 8-DPSK.

The nominal radiated output power (e.i.r.p) specified: -8.5dBm (Tolerance: +/- 3dB)

The nominal conducted output power specified: -10.0dBm (Tolerance: +/- 3dB)

According to the KDB 447498 D04 V01:

The maximum peak radiated emission for the EUT is 89.6dBμV/m at 3m in the frequency 2402MHz

The EIRP = $[(FS \cdot D)^2 / 30]$ mW = -5.63dBm
which is within the production variation.

The minimum peak radiated emission for the EUT is 85.7dBμV/m at 3m in the frequency 2480MHz

The EIRP = $[(FS \cdot D)^2 / 30]$ mW = -9.53dBm
which is within the production variation.

The maximum conducted output power specified is -7.0dBm = 0.20 mW

The source- based time-averaging conducted output power
= 0.20 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.

BLE function

Antenna Type: Integral Antenna.

Antenna Gain: 1.5 dBi Max. (This information is provided by applicant, and the applicant is responsible for the authenticity of the provided information.)

Modulation Type: GFSK

The nominal radiated output power (e.i.r.p) specified: -8.5dBm (Tolerance: +/- 3dB)

The nominal conducted output power specified: -10.0dBm (Tolerance: +/- 3dB)

According to the KDB 447498 D04 V01:

The maximum peak radiated emission for the EUT is 89.5dBμV/m at 3m in the frequency 2402MHz

The EIRP = $[(FS \cdot D)^2 / 30]$ mW = -5.73dBm

which is within the production variation.

The minimum peak radiated emission for the EUT is 86.0dBμV/m at 3m in the frequency 2480MHz

The EIRP = $[(FS \cdot D)^2 / 30]$ mW = -9.23dBm

which is within the production variation.

The maximum conducted output power specified is -7.0dBm = 0.20 mW

The source- based time-averaging conducted output power
= 0.20 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.