

## RF Exposure Exemption Evaluation

### FCC ID: 2AUA2-OCUTT20

The device is a Portable Device used at a distance less than 20 cm from human's body. For this configuration SAR evaluation is required unless SAR exclusion threshold can be met.

#### For FCC,

#### **1. FCC KDB 447898 D01 v06 — RF EXPOSURE PROCEDURES AND EQUIPMENT AUTHORIZATION POLICIES FOR MOBILE AND PORTABLE DEVICES**

According to FCC KDB 447898 D01 v06 Appendix A, at frequency 2450 MHz and separation distance of  $\leq$  5 mm SAR Exemption limit is  $\leq$  10 mW.

Max Peak Conducted Power: 3.73 dBm or 2.360 mW

No duty cycle was considered

The Maximum EIRP calculated is 3.73 dBm (RF Conducted Power) + 0 dBi (Actual Antenna Gain is -2.0, 0 dBi was used for MPE calculation) =

3.73 dBm or 2.36 mW.

***Results: SAR evaluation is not required since the higher of the maximum conducted or equivalent isotopically radiated power (EIRP) source-based, time averaged output power is below the exemption limit.***

#### **2. CFR 47 FCC part 1.1310**

RFID part of this device meets Limits for (B) Limits for General Population/Uncontrolled Exposure of Maximum Permissible Exposure (MPE) specified in Table 1, CFR 47 FCC part 1.1310.

**For Canada,**

**1. RSS-102 Issue 5 — Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)**

According to RSS-102 sec. 2.5.1, at frequency 2450 MHz and separation distance of  $\leq$  5 mm SAR Exemption limit is  $\leq$  4 mW.

Max Peak Conducted Power: 3.73 dBm or 2.360 mW

No duty cycle was considered

The Maximum EIRP calculated is 3.73 dBm (RF Conducted Power) + 0 dBi (Actual Antenna Gain is -2.0, 0 dBi was used for MPE calculation) =

3.73 dBm or 2.36 mW.

***Results: SAR evaluation is not required since the higher of the maximum conducted or equivalent isotropically radiated power (EIRP) source-based, time averaged output power is below the exemption limit.***

**2. RSS 102 issue 5**

RFID part of this device meets Limits for Routine Evaluation – SAR Evaluation. EUT power/ RF field strength is lower than Limits specified in Table 1 para 2.5.1 of RSS 102 issue 5