Analysis Report

FCC ID: 2ADQU-51445

The Equipment-Under-Test (EUT) is the Transmitter of the Wireless Key Finder. It operates at 433.92MHz. When the transmit button of the EUT is depressed, the corresponding receiver (Key fob) will create beeping sound, so that the user knows the location of the Key fob. The EUT is powered by a CR2032 (3VDC) battery.

Antenna Type: Internal, Integral
Antenna Gain: 0dBi

Operating Frequency	Nominal Radiated Field Strength	Production Tolerance
433.92MHz	83.7 dBμV/m at 3m	+/- 3dB

According to the KDB 447498:

Based on the Maximum allowed field strength of production was 86.7dBμV/m at 3m, thus;

The EIRP = [(FS*D) ^2*1000 / 30] = 0.14mW

Conducted power = Radiated Power (EIRP) – Antenna Gain
So;

Conducted Power = 0.14mW.

The SAR Exclusion Threshold Level:
= 3.0 * (min. test separation distance, mm) / sqrt(freq. in GHz)
= 3.0 * 5 / sqrt (0.43392) mW
= 22.77 mW

Since the above maximum output power is well below the SAR low threshold level, so the EUT is considered to comply with SAR requirement without testing.