



America

Certification Exhibit

FCC ID: X32-CDSSG000

FCC Rule Part: 47 CFR Part 2.1093

TÜV SÜD Project Number: 72143908

Manufacturer: iKeyless, LLC
Model: CDSSL-G000

RF Exposure

General Information:

Applicant: iKeyless, LLC
Environment: General Population/Uncontrolled Exposure
Exposure Conditions: Portable

Technical Information:

Minimum Test Separation Distance: 5 mm
Highest Operating Frequency: 433.92 MHz
Antenna Type: PCB Loop Antenna
Antenna Gain: -11 dBi
Maximum Transmitter Conducted Power: 2.27 dBm, 1.69 mW
Maximum Transmitter EIRP: -8.73 dBm, 0.13396767 mW

Justification for SAR Test Exclusion:**Standalone SAR Test Exclusion:**

Per KDB 447498 D01 General RF Exposure Guidance v05r02, the standalone 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$\left[\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \right] \cdot \sqrt{f(\text{GHz})} \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$$

$$= (1.69 / 5) \cdot (\sqrt{0.43}) = 0.2$$

0.2 < 3.0

Standalone SAR test exclusion is applied.