



Certification Exhibit

FCC ID: X32-NSSSG010

FCC Rule Part: 47 CFR Part 2.1093

Project Number: 72140495

Manufacturer: iKeyless, LLC
Model: NSSSL-G010

RF Exposure

General Information:

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

Technical Information:

Minimum Test Separation Distance: 5 mm
Highest Operating Frequency: 433.92 MHz
Antenna Type: PCB Loop Antenna
Antenna Gain: -8 dBi
Maximum Transmitter Conducted Power[†]: 10.27 dBm, 10.64 mW
Maximum Transmitter EIRP: 2.27 dBm, 1.69mW

[†]Calculated based on Field Strength measurement.

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

Per KDB 447498 D01 General RF Exposure Guidance v06, the standalone 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 50 mm are determined by:

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

$$= (11 / 5) * (\sqrt{0.43392}) = \\ \mathbf{1.45 < 3.0}$$

Standalone SAR test exclusion is applied.