



America

Certification Exhibit

FCC ID: X32-MTHKG000

FCC Rule Part: 47 CFR Part 2.1093

TÜV SÜD Project Number: 72133624

Manufacturer: iKeyless, LLC
Model: MTHKL-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: 315 MHz
Antenna Type: PCB Loop
Antenna Gain: -15.0 dBi
Maximum Transmitter Conducted Power: 0.97 dBm, 1.25 mW
Maximum Transmitter EIRP: -14.03 dBm, 0.04 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:

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

$$= (1.25 / 5) \cdot (\sqrt{0.315}) = 0.14$$

0.14 < 3

Standalone SAR test exclusion is applied.