



Certification Exhibit

FCC ID: QVEM0001

FCC Rule Part: 47 CFR Part 2.1093

Project Number: 72148370

Manufacturer: SMK Manufacturing, Inc.
Model: 10.000186

RF Exposure

General Information:

Applicant: SMK Manufacturer, Inc.
Device Category: Portable
Environment: General Population/Uncontrolled Exposure

Technical Information:

Minimum Test Separation Distance: 5 mm
Highest Operating Frequency: 2480 MHz
Antenna Type: Printed Trace Antenna
Antenna Gain: 1.3 dBi¹
Maximum Transmitter Conducted Power: -0.2 dBm, 0.95 mW
Maximum System EIRP: 1.1 dBm, 1.29 mW

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 ≤ 50 mm are determined by:

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

$$= (1.29 / 5) \cdot (\sqrt{2.480}) = 0.41$$

0.41 < 3.0

Standalone SAR test exclusion is applied.