



## **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 dBi<sup>1</sup>  
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  $\leq$  50 mm are determined by:

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

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

**0.41 < 3.0**

Standalone SAR test exclusion is applied.