



Certification Exhibit

FCC ID: 2AHPO-HACS1

FCC Rule Part: 47 CFR Part 2.1093

TÜV SÜD Project Number: 72142056

**Manufacturer: Enco Electronic Systems, LLC
Model: HACS1**

RF Exposure

General Information:

Applicant: Enco Electronic Systems, LLC
Environment: General Population/Uncontrolled Exposure
Exposure Conditions: Portable

Technical Information:

Minimum Test Separation Distance: 5 mm
Highest Operating Frequency: 319.5 MHz
Antenna Type: PCB Trace Antenna
Antenna Gain: 0 dBi
Maximum Transmitter Conducted Power: -2 dBm, 0.6310 mW
Maximum Transmitter EIRP: -2 dBm, 0.631 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:

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

$$= (0.631 / 5) \cdot (\sqrt{0.32}) = 0.1$$

0.1 < 7.5

Standalone SAR test exclusion is applied.