



Certification Exhibit

FCC ID: 2AJ3810233

FCC Rule Part: 47 CFR Part 2.1093

Project Number: 16-0445

Manufacturer: Yardarm Technologies, Inc.
Model: BA10233

RF Exposure

General Information:

Applicant: Yardarm Technologies, Inc
Device Category: Portable
Environment: General Population/Uncontrolled Exposure

Technical Information:

Antenna Type: Printed Meandering Trace Antenna
Antenna Gain: -3 dBi
Maximum Transmitter Conducted Power: 1.99 dBm, 1.58 mW
Maximum System EIRP: -1.01 dBm, 0.793 mW
Exposure Conditions: Body Worn

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

The SAR test exclusion thresholds are determined using IC RSS-102 Issue 5, section 2.5.1 Table 1.

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

$$= (0.793 / 5) \cdot (\sqrt{2.480}) = 0.25$$

0.25 < 3.0

Standalone SAR test exclusion is applied.