

Signature Manifest

Document Number: NTF-0796

Revision: 01

Title: Phoenix2 NFC Power and Duty Cycle Attestation

Effective Date: 13 Feb 2026

All dates and times are in Eastern Standard Time.

NFC Power and Duty Cycle Attestation

Approval

Name/Signature	Title	Date	Meaning/Reason
Pavel Beresnev (PAVEL.BERESNEV)	Principal Electrical Engineer	13 Feb 2026, 12:34:53 PM	Approved
Dawit Belete (DAWIT.BELETE)	Director, Quality Sciences	13 Feb 2026, 03:22:40 PM	Approved

Quality Approval

Name/Signature	Title	Date	Meaning/Reason
Naga Dhupati (NAGA.DHUPATI)	Senior Quality Engineer	13 Feb 2026, 03:23:34 PM	Approved

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Phoenix2 NFC Power and Duty Cycle Attestation

Project Name: [Phoenix2 Transmitter]**FCC ID:** [2AHYA-3402]**Date:** [13FEB2026]

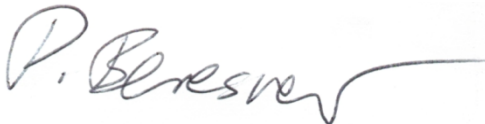
1. GENERAL INFORMATION

- **Device Category:** Portable (Wearable, Upper Arm)
- **Exposure Class:** General Population / Uncontrolled
- **Operating Frequency:** 13.56 MHz
- **Separation Distance:** ≤ 50 mm

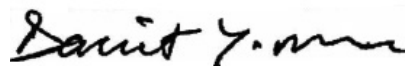
2. SOURCE-BASED PEAK POWER AND DUTY CYCLE DECLARATION

The Equipment under aforementioned FCC ID is a wearable transmitter designed for inductive communication with an implanted sensor. To manage the system's energy budget and ensure battery longevity, the transmitter's duty cycle is strictly governed by hard-coded firmware. The system is programmed at the factory with a maximum active transmission window that results in a source-based time-averaged maximum duty cycle of 16.67% (1/6). This operational constraint is a fixed parameter of the device's power management protocol and cannot be modified by the end-user. Furthermore, based on hardware design analysis, the instantaneous peak power delivered to the 13.56MHz NFC antenna port/coil does not exceed 0.50 Watts.

3. SIGNATURES



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4. Revision History

Revision	Change Author	Description of Change
01	Pavel Beresnev	Initial Release

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