

DECLARATION OF CONFORMITY

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|---|---|
| Manufacturer's Name: | FedEx Corporation Inc. |
| Manufacturer's Address: | 920 W. Poplar Ave. - Suite 101, Collierville, TN 38017-2546 |
| Provider's Name: | FedEx Services, Inc. |
| Provider's Address: | 920 W. Poplar Ave. - Suite 101, Collierville, TN 38017-2546 |
| Declares under our distribution responsibility product: | FedEx Services Inc. |
| Device Market Release Name: | FedEx SenseAware ID Node |
| Device pre-release (project) names: | FedEx ID Node |
| Equipment Classification: | Low Power Bluetooth |
| Equipment Hardware Version: | SenseAware ID/FDX-ID2/FedEx-ID2 FDX-ID3/FedEx-ID3 |

FedEx presents the following as compliance with FCC/IC/RED Radio Certification Guidelines, Industry Canada and EU Directives for Radio Certification Guidelines

1. Device Specifications:

The FedEx ID Node is a location beacon designed to operate within packages and shipping containers in the transportation network. The device communicates via low power Bluetooth that operates within the spectrum safe for aircraft per AC 91.21 D (10/2017)/AMC1 CAT.GEN.MPA.140/ED-2014/029/R and CFRs/Regulations for multi-modal transportation.

2. Device Front & Back View



NOTE: Each device has a unique product identifier shown as "XXXXXXX" below the standardized QR code

Dimensions:

L: 50mm x W:23mm x H: 6.5mm

3. Radio Compliance

FCC ID: SDKUX-ID2
IC ID: 22325-ID2
CE MARK: AT72153565.R2

FCC ID: SDKUX-ID3
IC ID: 22325-ID3
CE MARK: AT72153565.R2

Requirement

RED 2014/53/EU (Radio Equipment Directive)

Referenced Standards

EN 55032:2012/AC:2013
EN 55024:2010/A1:2015
EN 62479:2010
ETSI EN 300 328 V2.2.2
ETSI DRAFT EN 301 489-1 V2.2.0
ETSI DRAFT EN 301 489-17 V3.2.0
EN 50566:2017
EN IEC 62311:2020
EN 62209-2:2010
EN 62479:2010
EN 50663:2017
EN 50665:2017
IEC 60950-1:2005 (2nd Ed.) + A1:2009 + A2:2013; IEC 60950-22:2005 (1st Ed.)
IEC 62368-1:2014 (Second Edition)

4. Avionic Safety Testing:

RTCA DO-160 Section 21.5 Category H and M
Report No:NC72150395.1 Issue 2: 10-2020
TUV SUD America – NTS Labs LLC
141 14th Street NW, New Brighton, MN 55112
US

RTCA DO-160 Section 21.5 Category H and M
Report No:TR-PR164046.0 Issue 2: 09-2022
TUV SUD America - NTS Labs LLC
295 Foster, Suite 100 | Littleton, MA 01460 US

5. Battery Specifications:

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|---|------------------------------------|
| Battery Vendor | Shenzhen PK Cell Battery Co. , LTD |
| Battery Type/Part No | PK Cell CR2032 |
| Battery Qualification Report/Date | Report: 1120030428: 03/23/20 |
| Battery Voltage/Wattage for Air Transport | 3.0 Volts/210mAh <0.3g/Coin Cell |

Declaration: I declare under our sole responsibility that the essential radio test suites have been carried out and that the above product to which this declaration relates is in conformity with all the applicable essential requirements of the directive and standards indicated above, when used for its intended purpose.

FedEx Services Approval

Amy B. Mays Sr, International Regulatory Advisor – FedEx Express - SenseAware

Dated: September 2022