

EU DECLARATION OF CONFORMITY



Manufacturer Name: **Zebra Technologies Corporation**

Manufacturer Address: **3 Overlook Point, Lincolnshire, IL 60069**

This Declaration of Conformity is issued under the sole responsibility of the manufacturer. **EM45B2** **Enterprise Mobile**

The undersigned hereby declares that the above referenced product is in Conformity with European Directives 2014/53/EU, 2011/65/EU (as amended by Directive (EU) 2015/863) and FCC/ISED Rules & Regulations applying relevant Harmonized Standards and other technical specifications:

RF Spectrum Efficiency

Standards

Article 3.2

- EN 301 511 V12.5.1
- EN 301 908-1 V15.2.1
- EN 301 908-2 V13.1.1
- EN 301 908-13 V13.2.1
- Draft EN 301 908-25 V15.0.0
- EN 300 328 V2.2.2
- EN 301 893 V2.1.1
- EN 303 687 V1.1.1
- EN 302 208 V3.3.1
- EN 300 330 V2.1.1
- EN 300 440 V2.1.1
- EN 300 440 V2.2.1
- EN 303 413 V1.2.1

EMC

Standards

Article 3.1b

- EN 301 489-1 V2.2.3, EN 301 489-52 V1.2.1
- EN 301 489-1 V2.2.3, Final Draft EN 301 489-17 V3.3.0
- EN 301 489-1 V2.2.3, EN 301 489-3 V2.3.2
- EN 301 489-1 V2.2.3, EN 301 489-19 V2.2.1
- EN 55032:2015/A1:2020 (Class B)
- EN 55032:2015/A11:2020 (Class B)
- EN 55035:2017
- EN 55035:2017/A11:2020
- EN 61000-3-2:2014 (Class A)
- EN IEC 61000-3-2:2019/A2:2024 (Class A)
- EN 61000-3-3:2013
- EN 61000-3-3:2013/A1:2019/A2:2021
- 47 CFR Part 15, Subpart B, Class B
- ICES-003 Issue 7, Class B

Health & Safety

Standards

Article 3.1a

- EN 62368-1:2014/AC:2015
- EN 62368-1:2014/A11:2017
- EN IEC 62368-1:2020+A11:2020



IEC 62368-1:2018
 UL 62368-1, third edition, CAN/CSA-C22.2 No. 62368-1-19
 EN 50360:2017/A1:2023 (Max average 10g SAR: Head 1.591 W/Kg)
 EN 50566:2017/A1:2023 (Max average 10g SAR: Body 1.589 W/Kg)
 EN 50566:2017/A1:2023 (Max average 10g SAR: Limb 3.194 W/Kg)
 EN 50364:2018
 EN 50663:2017
 EN 62479:2010
 EN 50665:2017
 EN 62311:2008
 EN IEC 62311:2020
 FCC 47CFR Part 2.1093
 IEC 62471:2006; EN 62471:2008 (LED)

E112 Location Positioning Standards

Article 3.3g: Delegated Regulation (EU) 2019/320
 EC Guidelines for compliance with delegated regulation (EU) 2019/320, April 2021

Environmental Standards

Restriction of Hazardous Substances (RoHS) EN IEC 63000:2018

With regard to Directive 2014/53/EU, the conformity assessment procedure referred to in Article 17.2(b) and detailed in Annex III has been followed with the involvement of the following Notified Body:

Sporton International (USA) Inc., 1175 Montague Expressway, Milpitas, CA 95035, U.S.A

EC-Type Examination Certificate number: SN24C0179

As of the date of first importation or marketing of this equipment, Zebra Technologies Corporation certifies that the equipment is not produced by any entity identified on the Covered List, Section 2 of The Secure Networks Act:

<https://www.fcc.gov/supplychain/coveredlist>

US company representative for FCC Supplier's Declaration of Conformity (47 CFR Part 2.1071 to 2.1077) is Jay Cadiz and can be reached at JCadiz@zebra.com

Signed on behalf of Zebra Technologies Corporation


 (Authorized Corporate Signature)
 Jay Cadiz
 Manager, Compliance Engineering
 Place: Lincolnshire

Date of Affixing the CE Mark: 18 October 2024
 Rev: A
 Date: 18 October 2024

Appendix A

EU Operating frequencies and maximum power levels

Technology	Operating Frequencies/Bands	Maximum Transmit power level	
WAN	GSM900	33.5dBm	
	GSM1800	30.5dBm	
	W-CDMA FDD I	25dBm	
	W-CDMA FDD V	24dBm	
	W-CDMA FDD VIII	25dBm	
	LTE FDD 1	25dBm	
	LTE FDD 3	25dBm	
	LTE FDD 5	24dBm	
	LTE FDD 7	25dBm	
	LTE FDD 8	25dBm	
	LTE FDD 20	25dBm	
	LTE FDD 28	25dBm	
	LTE TDD 38	24dBm	
	LTE TDD 40	24dBm	
	LTE TDD 41	24dBm	
	LTE TDD 42	24dBm	
	LTE TDD 43	24dBm	
	5G NR n1	25dBm	
	5G NR n3	25dBm	
	5G NR n5	24dBm	
	5G NR n7	25dBm	
	5G NR n8	25dBm	
	5G NR n20	25dBm	
	5G NR n28	25dBm	
	5G NR n38	24dBm	
	5G NR n40	24dBm	
	5G NR n41	24dBm	
	5G NR n77	27dBm	
	5G NR n78	27dBm	
	WLAN	2400 MHz – 2483.5 MHz	20dBm
		5150 MHz – 5250 MHz	23dBm
		5250 MHz – 5350 MHz	23dBm
5470 MHz – 5725 MHz		23dBm	
5725 MHz – 5850 MHz		14dBm	
5945MHz – 6425 MHz		23dBm	
Bluetooth	2400 MHz – 2483.5 MHz	10dBm	
RFID (NFC)	13.553 MHz - 13.567MHz	42 dBµA/m @10m	
RFID	865 MHz - 868MHz	33dBm	
	915 MHz - 921 MHz	36dBm	

GNSS (B1C, E1, L1 L1 C/A, LIC)	1575.42 MHz	NA
(L5)	1176.45 MHz	N/A
(B1I)	1561.098 MHz	N/A
(G1)	1602 MHz	NA



Restrictions:

The use of 5GHz RLAN throughout the EEA has the following restriction:

- 5.15 - 5.35 GHz is restricted to indoor use only.

The use of RFID devices in 915 to 921 MHz operating band within EEA is not fully harmonized. Restrictions and/or national licensing requirements may apply. Consult the national spectrum management authority for advice before operating such devices.

RFID operation within this band is permitted in the following countries:

Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Hungary, Ireland, Iceland, Latvia, Liechtenstein, Lithuania, Norway, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland

For the following countries, RFID operation within this band is **not** permitted:

Germany, Greece, Italy, Luxembourg, Malta, Netherlands, Poland

Note: This information is reviewed at regular intervals to provide up-to-date information. For further advice, consult the appropriate national spectrum management authority

The use of UHF narrow band devices may be subject to national licensing requirements. Consult the national spectrum management authority for advice before operating such devices.

Accessories:

Description	Model
AC Adaptor	SAWA-102-22520A
AC Adaptor	SAWA-65-20005A
Battery	BT-000501
USB TYPE C to TYPE C cable	CBL-EC5X-USBC3A-01
USB TYPE A to TYPE C cable	CBL-TC5X-USBC2A-01