



EU declaration of conformity

Hereby, Trackunit Aps declares that the radio equipment type **Trackunit Beam GW100** complies with the essential requirements of Directive 2014/53/EU.

3.1 (a) protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in Directive 2014/35/EU

Standard used:

EN 62368-1:2020
EN 62133-2:2017 + A1:2021

3.1 (b) adequate level of electromagnetic compatibility as set out in Directive 2014/30/EU

Standard used:

ETSI EN 301 489-1 V2.2.3
ETSI EN 301 489-17 V3.2.6
ETSI EN 301 489-19 V2.2.1
ETSI EN 301 489-52 V1.2.1

3.2 the equipment is so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Spectrum used

Bluetooth:	2,402 – 2,480 GHz,	Max. 10 dBm EIRP
Positioning:	1,559 – 1,610 GHz,	Receive only
Cellular:	B1, B3, B8, B20, B28,	Max. 23 dBm EIRP
	GSM 900, GSM 1800	Max. 33 dBm EIRP

Standard used:

EN 300 328 V2.2.2
EN 303 413 V1.2.1
EN 301 511 V12.5.1
EN 301 908-1 V15.2.1
EN 301 908-13 V13.2.1

Complies with the safety parameters of Regulation 2023/1542 on the safety of “portable batteries” (BATT)


Standard used: EN / IEC 62133-2:2017+A1:2021

Complies with the essential requirements of Directive 2011/65/EU and Directive 2015/863/EU on the Restriction of use of certain Hazardous Substances (RoHS 3).

Complies with the essential requirements of the Regulation 1907/2006/EC regarding Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Complies with Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE).

Signed for and on behalf of Trackunit Aps
Aalborg, 16 August 2024

Signed by:

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Søren Brogaard, CEO