

ATOM™

TRACKING BEACON



UKCA Declaration of Conformity (DoC)

This declaration of conformity is issued under the exclusive responsibility of the manufacturer

WE (MANUFACTURER OR AUTHORISED REPRESENTATIVE):

BUSINESS NAME: XYZ Reality Ltd
ADDRESS: Unit G0. G02
338-346 Goswell Road, Angel,
Clerkenwell, London, EC1V 7LQ
COUNTRY: United Kingdom

DECLARE UNDER OUR SOLE RESPONSIBILITY THAT THE PRODUCT:

PRODUCT NAME: Atom Tracking Beacon
PART NUMBER: XYZ-52-01
FIRMWARE VERSION: v01

PLACE AND DATE OF ISSUE (OF THIS DOC):

XYZ Reality
Angel, London, EC1V 7LQ, UK
07/09/2022

SIGNED BY OR FOR THE MANUFACTURER:

DR KAZ KHAKE
VP TECHNOLOGY



Notified Body

TÜV SÜD, Fareham, PO15 5RL
TÜV SÜD, Warwickshire, CV37 0EX
BSI Kitemark House, Milton Keynes, MK5 8PP

DECLARATION OF CONFORMITY

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To which this declaration relates is in conformity with the following relevant legislation:

ELECTROMAGNETIC COMPATIBILITY REGULATIONS 2016

EN 61000-6-2	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
EN 61000-6-4	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
EN 61000-3-2	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
ETSI EN 301 489-1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-17	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility
In respect of Health and Safety	IEC 62368-1:2014, EN 62368-1:2014, EN 62368-1:2014/ A11:2017, UL 62368-1:2014, CSA/CAN C22.2 No. 62368-1-14, AS/NZS 62368.1:2018 and EN 50566 2017

RADIO EQUIPMENT REGULATIONS 2017

ETSI EN 300 328	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
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ROHS IN ELECTRICAL AND ELECTRONIC EQUIPMENT REGULATIONS 2012

EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
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If any further information is required please go to www.xyzreality.com or contact hello@xyzreality.com

DECLARATION OF CONFORMITY

and that the product is in conformity with the following standards and/or other normative documents:

ADDITIONAL STANDARDS

FCC 47 CFR Part 15C	Intentional Radiators
ISED RSS-247	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices
ISED RSS-GEN	General Requirements for Compliance of Radio Apparatus
FCC 47 CFR Part 15B	Unintentional Radiators
ICES-003	Information Technology Equipment (including Digital Apparatus)
IEC 62133-2	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems
UL2054	Household and Commercial Batteries
IEC/EN/UL/CAN/CSA/ AS/NZS 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

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