

Notified Body
TÜV Rheinland
LGA Products GmbH

Tillystraße 2
90431 Nürnberg

notified by the
Bundesnetzagentur für Elektrizität, Gas,
Telekommunikation, Post und Eisenbahnen

under No. 0197

herewith issues an

EU-Type Examination Certificate

within the meaning of Annex III Module B of the 2014/53/EU Radio Equipment Directive (RED)
for compliance with the essential requirements of this directive

Registration Number: RT 60188809 0001

Evaluation Report Nr.: CN26RDP6 001

Manufacturer: AgiBot Innovation (Shanghai) Technology
Co., Ltd.
8/F, Building 29, No.2555 Xiupu Road, Pudong New Area,
200120 Shanghai
P.R. China

Product: Radio Equipment
(General-Purpose Robot)

Type Identification: A3 Ultra
(AGIBOT)

Essential requirements: Article 3.1(b) EMC
Article 3.2 Radio spectrum

The technical design of the assessed type has been verified based on the technical documentation presented by the manufacturer according to Annex III Module B of the Directive. As far as the essential requirements indicated, the Notified Body of TÜV Rheinland LGA Products GmbH confirms, that the technical design of the apparatus meets the essential requirements of the Directive 2014/53/EU Article 3.

This certificate consists of this page and Annex I.

Validity of the certificate is specified in the Annex I.

Date **23.07.2026**



Notified Body

Sam Lin

Equipment

Product	:	General-Purpose Robot
Trademark	:	AGIBOT
Identification	:	A3 Ultra
Product description	:	This general-purpose robot is designed for both residential and commercial use. It integrates a voice interaction module to deliver multi-modal human-robot interaction, serving as an entertaining companion for users. The device supports UWB, SRD (865 MHz band), Wi-Fi, LTE/NR, GNSS, and Bluetooth.

System description

Frequency band(s) of operation	:	LTE Bands 1/3/7/8/20/28/32/34/38/40/41/42/43/46, 5G NR Bands: n1/n3/n7/n8/n20/n28/n38/n40/n41/n75/n76/n77/n78, 2400-2483.5MHz, 5150-5250MHz, 5725-5875MHz, 863-865MHz, 865-868 MHz, 1559-1610 MHz, 1164-1215 MHz, 6000-8500MHz
Operating frequency	:	LTE Band 1: Uplink: 1920-1980MHz, Downlink: 2110-2170MHz LTE Band 3: Uplink: 1710-1785MHz, Downlink: 1805-1880MHz LTE Band 7: Uplink: 2500-2570MHz, Downlink: 2620-2690MHz LTE Band 8: Uplink: 880-915MHz, Downlink: 925-960MHz LTE Band 20: Uplink: 832-862MHz, Downlink: 791-821MHz LTE Band 28: Uplink: 703-748 MHz, Downlink: 758-803MHz LTE Band 32: Downlink only: 1452-1496MHz LTE Band 34: Uplink & Downlink : 2010-2025MHz LTE Band 38: Uplink & Downlink : 2570-2620MHz LTE Band 40: Uplink & Downlink : 2300-2400MHz LTE Band 41: Uplink & Downlink : 2496-2690MHz LTE Band 42: Uplink & Downlink : 3400-3600MHz LTE Band 43: Uplink & Downlink : 3600-3800MHz LTE Band 46: Downlink only: 5150-5925MHz 5G NR SA: NR n1: Uplink 1920-1980MHz, Downlink 2110-2170MHz NR n3: Uplink 1710-1785MHz, Downlink 1805-1880MHz NR n7: Uplink 2500-2570 MHz, Downlink 2620-2690 MHz NR n8: Uplink 880-915 MHz, 925-960 MHz Downlink NR n20: Uplink 832-862 MHz, 791-821 MHz Downlink NR n28: Uplink 703-748 MHz, 758-803 MHz Downlink NR n38: Uplink & Downlink: 2570-2620MHz NR n40: Uplink & Downlink: 2300-2400MHz NR n41: Uplink & Downlink: 2496-2690MHz NR n75: Downlink only: 1432-1517MHz NR n76: Downlink only: 1427-1432MHz NR n77: Uplink & Downlink: 3300-4200 MHz NR n78: Uplink & Downlink: 3300-3800 MHz ENDC: DC_3A_n1A; DC_1A_n3A; DC_3A_n7A; DC_1A_n8A; DC_1A_n20A; DC_1A_n28A; DC_3A_n28A; DC_7A_n28A; DC_20A_n28A; DC_1A_n38A; DC_1A_n40A; DC_3A_n40A; DC_8A_n40A; DC_1A_n41A; DC_1A_n77A; DC_3A_n77A; DC_7A_n77A; DC_8A_n77A; DC_20A_n77A; DC_28A_n77A; DC_40A_n77A; DC_1A_n78A; DC_3A_n78A; DC_7A_n78A DC_8A_n78A; DC_20A_n78A; DC_28A_n78A; DC_38A_n78A GNSS: 1559-1610 MHz, 1164-1215 MHz Bluetooth: 2402-2480MHz 2.4GHz Wi-Fi: 2412-2472MHz 5GHz Wi-Fi: 5180-5240MHz, 5745-5825MHz 865MHz SRD band: 863.5-865.5MHz, 864.5-867.5MHz UWB: 7987.2MHz
Channel spacing / bandwidth	:	200kHz, 1MHz, 1.4MHz, 2MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz, 25MHz, 30 MHz, 40MHz, 50MHz, 60MHz, 80MHz, 100MHz, 600MHz
RF output power	:	LTE bands: 23dBm+2.0dB/-2.0dB 5G NR: 23dBm +2.0dB/-2.0dB (Power class 3, NR band n1/3/7/8/20/28/38/40) 26dBm +3dB/-4dB (Power class 2, NR band n41/77/78) Bluetooth: 5.35dBm (max. e.i.r.p.) 2.4GHz Wi-Fi: 17.59dBm (max. e.i.r.p.) 5.2GHz Wi-Fi: 17.70dBm (max. e.i.r.p.) 5.8GHz Wi-Fi: 12.93dBm (max. e.i.r.p.) 865MHz SRD band: 11.92dBm (max. e.i.r.p.) UWB: -17.65 dBm/50MHz (max. e.i.r.p.) GFSK, $\pi/4$ DQPSK, 8DPSK, DSSS (DBPSK, DQPSK, CCK), OFDM/OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM), DFT-BPSK, DFT-QPSK, DFT-16QAM, DFT-64QAM, DFT-256QAM,
Type of modulation	:	

CP- OFDMA BPSK, CP-QPSK, CP-16QAM, CP-64QAM, CP-256QAM

Type of antenna : Integral Antenna
Mode of operation (simplex / duplex) : Duplex
Duty cycle (access protocol, if applicable) : Up to 100%
Hardware version : A3U-P1
Software version : V3.1.32

Documentation

User information and installation instructions ☒
Block diagram ☒
Circuit diagram, Part list, PCB layout ☐
Photo documentation ☒
Versions of firmware/software used ☒

Statement of compliance with art. 10.2 it can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum. ☒
Risk Analysis ☒

Conformity Assessment

Applied harmonised standards (Referred to the publication of harmonised standards in the official Journal of the EU at the time of issuance)			
Article	Standard	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC	EN 301 489-3 V2.3.2 EN 301 489-17 V3.3.1 EN 301 489-19 V2.2.1 EN 301 489-52 V1.3.1	CN260UOZ 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.2 Radio	EN 300 328 V2.2.2 EN 301 893 V2.1.1 EN 300 220-2 V3.1.1 EN 303 413 V1.2.1 EN 302 065-1 V2.1.1 EN 302 065-2 V2.1.1 EN 301 908-1 V15.2.1 EN 301 908-13 V13.3.1 EN 301 908-25 V15.1.1	CN260UOZ 002 CN260UOZ 003 CN260UOZ 005 CN260UOZ 006 CN260UOZ 007 CN260UOZ 008	TÜV Rheinland (Shenzhen) Co., Ltd.
3.3 Others			
Applied non-harmonised standards			
Article	Standard	Test Report No.	Issued by
3.1a Health			
3.1a Safety			
3.1b EMC	EN 301 489-1 V2.2.3 EN 301 489-33 V2.2.1 EN IEC 55014-1: 2021 EN IEC 55014-2: 2021 EN IEC 61000-3-2:2019+A1+A2 EN 61000-3-3:2013+A1+A2 EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2021	CN260UOZ 001	TÜV Rheinland (Shenzhen) Co., Ltd.
3.2 Radio	EN 300 440 V2.2.1	CN260UOZ 004	TÜV Rheinland (Shenzhen) Co., Ltd.
3.3 Others			
3.4 Common Charger			

Other solutions, adopted to meet the essential requirements			
Article	Standard	Test Report No.	Issued by
3.1a Health& Safety			
3.1b EMC			
3.2 Radio			
3.3 Others			

Rationale for applied non-harmonised standards or other solutions:

- Standards are either in the EMC/LVD OJ, on CENELEC and ETSI website as current, or valid for RED compliance.

Remarks:

- This Type Examination Certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.
- This Type Examination Certificate only relates to the assessment of technical documentation to verify that the technical design of radio equipment meets the essential requirements of the RED 2014/53/EU and will not show compliance with essential requirements of other possible applicable EU Directives.
- The manufacturer has declared in compliance with art. 10.2 that the Radio Equipment can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.
- Validity of this Type Examination Certificate is limited to the versions of the applied standard. If versions of standards change or modifications are made to the product, this Certificate will be invalidated.