

EU Declaration of Conformity



- 1 **WM-E3S®** (product) – Series model no. AM102, AM103, AM110, AM122 – for AS220/AS230, AS200, AS1440, AS3000, AS3500 meters
- 2 **WM Systems LLC.** - HUNGARY 1222 Budapest, 8. Villa str. (manufacturer Triton Electronics Ltd. Határ street 3, Pécel 2119, HUNGARY (manufacturer factory).
- 3 This declaration of conformity is issued under the sole responsibility of the manufacturer.
- 4 Modem device for electricity meters (which contains a **SIMCom A7602SA-H / A7608SA-H** wireless module), where the following operating frequency bands can be transmitted:
 - Three band LTE-TDD: B38/B40/B41, Ten-band LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28/B66, Quad- band UMTS/HSPA+ B1/B2/B5/B8, Quad-band GSM/GPRS/EDGE 850/900/1800/1900 MHz
- 5 The object of the declaration described above is in conformity with the relevant Community harmonisation: **European Directive 2014/53/EU (RED)** of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance.
- 6 The conformity with essential requirements set out in Art.3 of the 2014/53/EU has been demonstrated against the following harmonized standards:


Harmonized Standard reference	Article of Directive
EN 62368-1-2014+A11:2017	2014/53/EU 3.1 (a): Health and Safety of the User Product LVD test Report: TB-LVD172215
EN 62368-1:2020	ReD conformity of cellular module: 1538-10-2021-115710
EN 62311:2008	Product MPE Test Report: TB-HEA172214
EN 62311:2020	ReD conformity of cellular module: 1538-10-2021-115710
Test Standards (Certificate of Conformity)	2011/65 EU & 2015/863/EU; 2013/56/EU Product: TB200325010
Product ReD Certificate of Conformity	2014/53/EU Product ReD: TB200325013
RoHS Declaration of Conformity and RoHS statement	2015/863 EU ROHS3 (IEC 62321:2013/2015/2017) Product RoHS: TB-ROHS172206
EN 55032:2015	2014/53/EU 3.1 (b): Electromagnetic Compatibility Emission Product EMC Test Report: TB-EMC172210
EN 61000-3-2:2014	Product EMC Test Report: TB-EMC172210
EN 61000-3-3:2013	Product EMC Test Report: TB-EMC172210



EN 61000-4-2: 2009	2014/53/EU 3.1 (b): Electromagnetic Compatibility Immunity Product EMC Test Report: TB-EMC172210
EN 61000-4-3:2006+A1:2008+A2:2010	Product EMC Test Report: TB-EMC172210
EN 61000-4-4:2012	Product EMC Test Report: TB-EMC172210
EN 61000-4-5:2014	Product EMC Test Report: TB-EMC172210
EN 61000-4-6: 2014	Product EMC Test Report: TB-EMC172210
EN 61000-4-11: 2004	Product EMC Test Report: TB-EMC172210
EN 301 489-1 V2.2.3:2019	2014/53/EU 3.1 (b): Electromagnetic Compatibility Product EMC Test Report: TB-EMC172210, ReD conformity of cellular module: 1538-10-2021-115710
Draft EN 301 489-19 V2.2.2.0:2020	ReD conformity of cellular module: 1538-10-2021-115710
Draft EN 301 489-52 V1.1.0:2016	Product EMC Test Report: TB-EMC172210
Draft EN 301 489-19 V2.2.0:2020	ReD conformity of cellular module: 1538-10-2021-115710
EN 301 511 V12.5.1:2017	2014/53/EU 3.2: Effective use of spectrum allocated Product: RF Test Report (GSM) no. TB-RF172211, ReD conformity of cellular module: 1538-10-2021-115710
TS 151 011-1 V13.3.0:2017	Product: RF Test Report (GSM) no. TB-RF172211
EN 301 908-1 V11.1.1:2016	Product: RF Test Report (WCDMA) no. TB-RF172212, Product: RF Test Report (LTE) no. TB-RF172213
EN 301 908-1 V15.1.1:2021	ReD conformity of cellular module: 1538-10-2021-115710
EN 301 908-2 V11.1.2:2017	Product: RF Test Report (WCDMA) no. TB-RF172212
EN 301 908-13 V11.1.2:2017	Product: RF Test Report (LTE) no. TB-RF172213
EN 301 908-13 V13.1.1	ReD conformity of cellular module: 1538-10-2021-115710
ETSI TS 134 121-1 V15.2.0 Release 15:2018	Product: RF Test Report (WCDMA) no. TB-RF172212
ETSI TS 134 121-2 V15.0.0 Release 15:2018	Product: RF Test Report (WCDMA) no. TB-RF172212

7 The conformity assessment procedure referred to in Article 17 and detailed in Annex III of directive 2014/53/EU has been followed with the involvement of the following test labs:

- Cellular module: Eurofins Electrical and Electronic Testing NA, Inc., Notified Body No: 0980
- Product: Shenzhen Toby Technology CO., Ltd. 1A/F, Bldg.6. Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong

8 Thus,  is placed on the product

9 The product can be considered compliant to the essential requirements set out in Art.3 of 2014/53/EU.

10 The Technical Documentation (TD) of the wireless module, which relevant to the product described above, supports this Declaration of Conformity, is held at: Simcom Wireless Solutions Limited – Building 3, No.289, LinHong Road, Changning District, Shanghai, P.R. China

7 October, 2024 – Budapest, Hungary

.....
KORMOS Béla
CEO, WM Systems LLC



WM Systems LLC
H-1222 Budapest, Villa street 8.
Tax number: 12886733-2-43

EU-Type examination Certificates of the Product (WM-E3S):

- Product: Certificate of Conformity no. TB200325013 Technical Documentation: CE-TB200325013.pdf
- Product: Test Standard Conformity no. TB200325010 Technical Documentation: CE-TB200325010.pdf
- Product RoHS Conformity. No. TB-ROHS172206 Technical Documentation: TB-ROHS172206 (WM-E3S) RoHS.pdf
- Product LVD test Report no. TB-LVD172215 Technical Documentation: TB-LVD172215 (WM-E3S) 62368.pdf
- Product: EMC Test Report no. TB-EMC172210 Technical Documentation: TB-EMC172210 (301489-1-52) REPORT.pdf
- Product: RF Test Report (LTE) no. TB-RF172213 Tech. Doc.: TB-RF172213 (LTE-band1&3&7&8&20&28) Report V3.pdf
- Product: RF Test Report (GSM) no. TB-RF172211 Technical Documentation: TB-RF172211.pdf
- Product: RF Test Report (WCDMA) no. TB-RF172212 Technical Documentation: TB-RF172212 (WCDMA) Report.pdf
- Product MPE Report (Health & Safety TB-HEA172214 Technical Documentation: TB-HEA172214 (EN 62311 Report).pdf
- Declaration Attachment Document: Declaration_Attachment_for_WM-E3S_SIMCOM_EN.pdf
- Manufacturing Declaration Document: Manufacturing_Declaration_WM-E3S_EN.pdf

EU-Type examination Certificate of the cellular module (the Product contains the following cellular module):

- Wireless module ReD Conf. No.1538-10-2021-115710 Documentation: A7602E-H&A7602E-H_CE Certificate_2021.pdf