

EU Declaration of Conformity



In accordance with EN ISO 17050-1:2010

This declaration is issued under the sole responsibility of the manufacturer:

Megger Instruments Limited

of Archcliffe Road, Dover, Kent, CT17 9EN, England

who, in accordance with the following directives:

2014/53/EU	The Radio Equipment Directive
2011/65/EU	The Restriction of Hazardous Substances Directive.

hereby declares that:

Equipment: **MFT-X1**

has been demonstrated to fulfil the objectives referred to in the listed sections of these

Directives by way of the applicable requirements of the following harmonised standards:

Reference	Date	Title
EN 300 328	V2.2.2	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
EN 301 489-1	V2.1.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); EMC standard for radio equipment and services; Part 1: Common technical requirements
EN 301 489-17	V3.1.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); EMC standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

The equipment is constructed to ensure that protection requirements, and the objectives with respect to safety, as set out in

2014/53/EU	The Radio Equipment Directive Article 3.1.(a):
[2014/35/EU	The Low Voltage Directive];

and an adequate level of electromagnetic compatibility as set out in

2014/53/EU	The Radio Equipment Directive Article 3.1.(b):
[2014/30/EU	The Electromagnetic Compatibility Directive]

are met by conformity to the applicable requirements of the following harmonised standards:

Reference	Date	Title
EN 61010-1 +A1:	:2010 :2019	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
EN IEC 61010-2-034 +A11	:2021 :2021	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-034: Particular requirements for measurement equipment for insulation resistance and test equipment for electric strength
EN 61010-031	:2015	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test
EN 61557-x	:2007	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures – Part 1: General requirements Part 2: Insulation resistance Part 3: Loop impedance Part 4: Resistance of earth connection and equipotential bonding Part 5: Resistance to earth Part 6: Effectiveness of RCD in TT, TN and IT systems
EN 61557-10	:2013	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures – Part 10: Combined measuring equipment for testing, measuring or monitoring of protective measures

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Directives by way of the applicable requirements of the following harmonised standards:

<u>Reference</u>	<u>Date</u>	<u>Title</u>
EN 61557-14	:2013	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures – Part 14: Equipment for testing the safety of electrical equipment of machinery
EN 61326-1	:2013	Electrical Equipment for Measurement, Control and Laboratory Use — EMC Requirements — Part 1: General Requirements
EN 61326-2-2	:2013	Electrical Equipment for Measurement, Control and Laboratory Use — EMC Requirements — Part 2-2: Particular requirements - Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment
EN 63000	:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

I hereby declare that the equipment named above is in conformity with relevant Union harmonisation legislation, including Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Signed:

Name: **Stephan Sommer**

Position: **Managing Director**

Location: **Dover, England**

Date:

03/05/23

[In case of differences between this document in English and any attached translation, the signed English Declaration shall be taken as the legal Declaration of Conformity.]