

UKCA Declaration of Conformity



Product names:

MTAC-LORA-H-868

Name and Address of Manufacturer:

Multi-Tech Systems, Inc.
2205 Woodale Drive
Mounds View, Minnesota 55112 USA

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of Declaration: The MTAC-LORA-H-868 is a modular LoRa modem.

The object of the declaration described above is in conformity with the relevant regulation:

Radio Equipment Regulations 2017, which includes:

2017 No 1206
2016 No 1101
2016 No 1091
2012 No 3032

The Radio Equipment Regulations 2017
The Electrical Equipment Safety Regulations 2016
The Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Hazardous Substances in Electrical
and Electronic Equipment Regulations 2012

Place: Mounds View, MN
USA

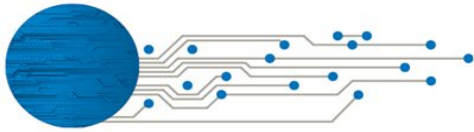
Date: April 14, 2022

(Signature)

Tim Gunn

(Full Name)

Director of Certifications
(Position)



The conformity with the essential requirements set out in Regulations 6 of the Radio Equipment Regulations 2017 has been demonstrated against the following standards:

Regulations of Radio Equipment Regulations 2017		
Designated and Not Designated Standard reference		
Description	Health and Safety of the User – Article 6.1(a)	
Safety	IEC 60950-1 2 nd Edition + Am2:2013, EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN 62368-1:2014 + A11:2017	
MPE /RF Exposure	EN 62311:2008 EN 62311:2020	
ROHS	EN IEC 63000:2018	
Electromagnetic Compatibility and Effective use of spectrum allocated		
	Electromagnetic Compatibility Article 6.1(b)	Effective use of spectrum allocated Article 6(2)
-LORA From MTAC-LORA-H-868	EN 301 489-1 V2.1.1 (General) EN 301 489-3 V2.1.2 (LoRa/SRD)	EN 300 220-2 V3.1.1 and V3.2.1(Lora/ISM)
Emissions and immunity	EN 55032:2015/A11:2020 EN 55035:2017/A11:2020	
General Guidance		EG 203 367 V1.1.1 (Multi-Radio transmissions)

Other information:

Other information		
Cellular	<p><u>Manufacturer:</u> Wieson Technologies Co., LTD. <u>Model number:</u> Wieson P/N: GY115-Big Type Ordering P/N: GY115IE002-001 <u>Gain (dBi):</u> Maximum Peak Gain 2.06 dBi @ 0.704 GHz <u>(Description:</u> Dipole</p>	
LoRA	<p>Manufacturer: Pulse Model: W1063 Freq/Gain : 868-928 / 3dBi</p>	