

EU DECLARATION OF CONFORMITY

Application of Council Directive(s):	2014/30/EU – The EMC Directive
Manufacturer’s Name:	Axiomatic Technologies Corporation 1445 Courtneypark Drive E., Mississauga, ON, Canada L5T 2E3
Equipment Type/Environment:	Protocol Converter
Trade Names/Model Nos:	AX140320, AX140321, AX140322, AX140320A, AX140321A, AX140322A
Testing Facility:	Ultra Tech 3000 Bristol Circle Oakville, ON, Canada L6H 6G4
File No.:	<i>Self-declared to test reports:</i> 21ATC051_IEC60945, ATC-014_60533, ATC-015_EN 13309
Records Maintained by:	Axiomatic Technologies Corporation 1445 Courtneypark Drive E., Mississauga, ON, Canada L5T 2E3 TEL: (+1) 905 602 9270 Unique ID No. 37A

Standard(s) to which Conformity is Declared:

Emissions:

- IEC 60533: 1999 (Table 2, Bridge and Deck Zones) Radiated Emissions (10 kHz – 30 MHz) Conducted Emissions (150 kHz to 2,000 MHz)

Immunity:

- Conducted Susceptibility per EN 61000-4-6 Immunity to conducted disturbances, induced by radiofrequency fields: 2008 (150 kHz-80 MHz, 3 Vrms, 80% AM, 1kHz) , D/C Lines, I/O Lines & 10Vrms on spot frequencies, Criteria A
- Radiated Susceptibility per ENV 5204 and EN 61000-4-3 Radiated, radiofrequency, electromagnetic field immunity test: 2010 (80 - 2,500 MHz; 10 V/m; 80% AM, 1kHz), Criteria A
- Conducted Low Frequency Interference per EN 61000-4-16 Test for immunity to conducted, common mode disturbances in the frequency range 50 Hz to 10 kHz: 2011, Criteria A
- Electrical Fast Transients/Burst EN 61000-4-4 Electrical fast transient/burst immunity test: 2010 (2 kV to power lines, 1kV to signal lines), Criteria A
- Slow Transient/Electrical Surge Test per EN 61000-4-5 Surge immunity test: 2005 (+/- 0.5 kV L/L), Criteria A
- Immunity to Electrostatic Discharge per EN 61000-4-2 Electrostatic discharge immunity test: 2008 (6kV contact discharge, 8kV air discharge), Criteria A
- Additional tests were performed in 2021 to the following. IEC 60945: 2008 Maritime navigation and radiocommunication equipment and systems – General requirements – Methods of testing and required test results EN 61000-4-3: 2010 for test, CISPR 16-3- 2 for Radiated Disturbances

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive and Standards.

*Amanda Wilkins
Sales and Marketing Manager*

Date: 2024-01-08