



National Technical Systems Test Report for Electromagnetic Interference (EMI) Testing of the Yaskawa Solectria Solar XGI-1500 PV Inverter November 2018

Prepared For

Yaskawa Solectria Solar | 360 Merrimack Street, Building 9 | Lawrence, MA 01843

Prepared By

National Technical Systems | 1146 Massachusetts Avenue | Boxborough, MA 01719 | (978) 266-1001 | www.nts.com

A handwritten signature in black ink, appearing to read "Jessica Bedard", written over a horizontal line.

Jessica Bedard
Technical Writer

A handwritten signature in black ink, appearing to read "Daniel Yttredahl", written over a horizontal line.

Daniel Yttredahl
EMI Project Engineer

A handwritten signature in black ink, appearing to read "Clayton Forbes", written over a horizontal line.

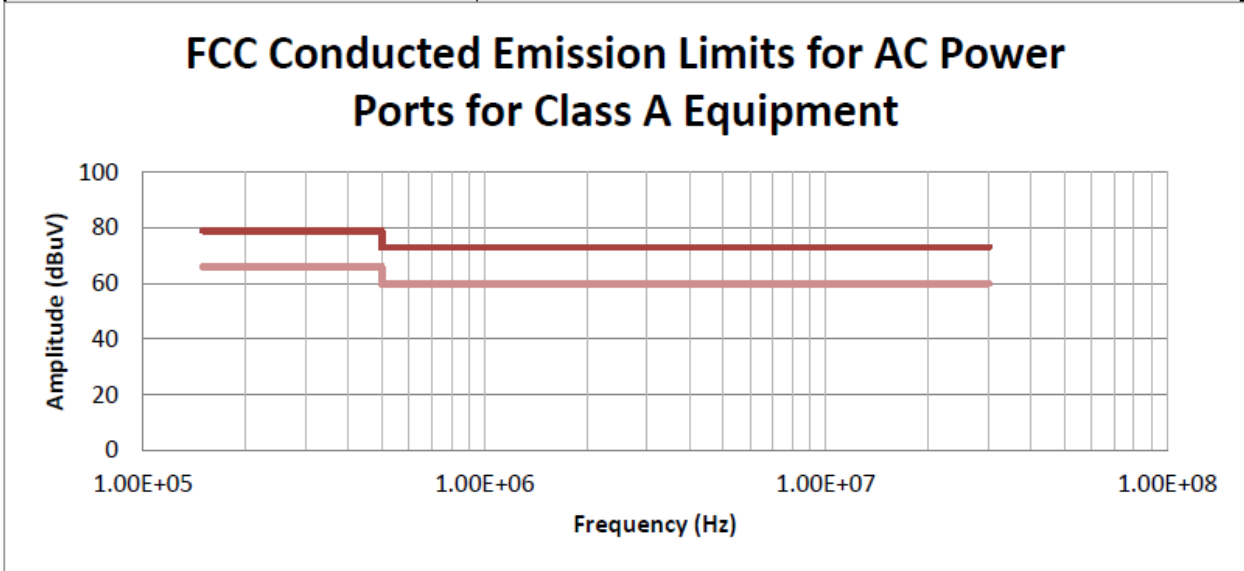
Clayton Forbes
Quality Assurance

This report and the information contained herein represent the results of testing articles/products identified and selected by the client. The tests were performed to specifications and/or procedures approved by the client. National Technical Systems (NTS) makes no representations expressed or implied that such testing fully demonstrates efficiency, performance, reliability, or any other characteristic of the articles being tested, or similar products. This report should not be relied upon as an endorsement or certification by NTS of the equipment tested, nor does it represent any statement whatsoever as to its merchantability or fitness of the test article or similar products for a particular purpose. This document shall not be reproduced except in full without written approval from NTS.

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et q.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C., App. 2401 et seq. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

Remarks: The EUT was placed into the normal operating mode during testing.

Version of TILE! Software used for testing: 7



Line Tested	Frequency Range Tested	Quasi Peak Limit	Average Limit
AC Line 1	150 kHz-30 MHz	Within Limit, Pass	Within Limit, Pass
AC Line 2	150 kHz-30 MHz	Within Limit, Pass	Within Limit, Pass
AC Line 3	150 kHz-30 MHz	Within Limit, Pass	Within Limit, Pass

Table 5.0-1: Summary of Test Information & Results

Section	Test	Specification	Test Facility	Test Date	Test Result
5.1	Radiated Emissions	FCC Part 15	Boxborough, MA	November 5-8, 2018	Compliant
5.2	Conducted Emissions	FCC Part 15		November 7-8, 2018	Compliant