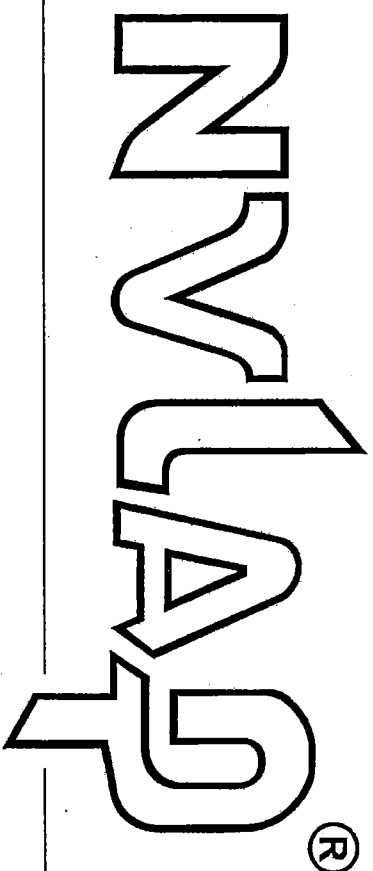


United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200879-0

Environ Laboratories LLC
Minneapolis, MN

*is accredited by the National Voluntary Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2009-12-02 through 2010-12-31

Effective dates



Dolly S. Bruce
For the National Institute of Standards and Technology



**ELECTROMAGNETIC COMPATIBILITY
AND TELECOMMUNICATIONS**

NVLAP LAB CODE 200879-0

<i>NVLAP Code</i>	<i>Designation / Description</i>
12/160F25	RTCA/DO-160F (2007): Environmental Conditions and Test Procedures for Airborne Equipment - Section 25 - Electrostatic Discharge (ESD)
12/60E16	RTCA DO160E: Section 16, Power Input
12/60E17	RTCA DO-160E: Section 17, Voltage Spikes
12/60E18	RTCA DO-160E: Section 18, Audio Frequency Conducted Susceptibility
12/60E19	RTCA DO-160E: Section 19, Induced Signal Susceptibility
12/60E204	RTCA DO-160E: Section 20.4, RF Susceptibility, Conducted
12/60E205	RTCA DO-160E: Section 20.5, RF Susceptibility, Radiated
12/60E206	RTCA DO-160E: Section 20.6: RF Susceptibility (Radiated Mode Tuned)
12/60E22	RTCA DO-160E: Section 22, Lightning Induced Transient Susceptibility
12/60E25	RTCA DO-160E: Section 25, Electrostatic Discharge (ESD)

MIL-STD-462 : Conducted Emissions

12/A16	MIL-STD-461 Version E Method CE101
12/A17	MIL-STD-461 Version E Method CE102
12/A19	MIL-STD-461 Version F Method CE101
12/A20	MIL-STD-461 Version F Method CE102

MIL-STD-462 : Conducted Susceptibility

12/B20	MIL-STD-461 Version E Method CS101
12/B21	MIL-STD-461 Version E Method CS103

2009-12-02 through 2010-12-31

Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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**ELECTROMAGNETIC COMPATIBILITY
AND TELECOMMUNICATIONS**

NVLAP LAB CODE 200879-0

NVLAP Code Designation / Description

Emissions Test Methods

- 12/160D21 RTCA/DO-160D (1997): Environmental Conditions and Test Procedures for Airborne Equipment - Section 21 - Emission of Radio Frequency Energy
- 12/60E213 RTCA DO-160E: Section 21.3, RF Emissions, Conducted
- 12/60E214 RTCA DO-160E: Section 21.4, RF Emissions, Radiated
- 12/60F214 RTCA DO-160F: Section 21.4, RF Emissions, Conducted
- 12/60F215 RTCA DO-160F: Section 21.5, RF Emissions, Radiated

Immunity Test Methods

- 12/160D16 RTCA/DO-160D (1997): Environmental Conditions and Test Procedures for Airborne Equipment - Section 16 - Power Input
- 12/160D17 RTCA/DO-160D (1997): Environmental Conditions and Test Procedures for Airborne Equipment - Section 17 - Voltage Spike
- 12/160D18 RTCA/DO-160D (1997): Environmental Conditions and Test Procedures for Airborne Equipment - Section 18 - Audio Frequency Conducted Susceptibility - Power Inputs

2009-12-02 through 2010-12-31

Effective dates

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For the National Institute of Standards and Technology



**ELECTROMAGNETIC COMPATIBILITY
AND TELECOMMUNICATIONS**

NVLAP LAB CODE 200879-0

<i>NVLAP Code</i>	<i>Designation / Description</i>
12/D10	MIL-STD-461 Version F Method RE101
12/D11	MIL-STD-461 Version F Method RE102
12/D12	MIL-STD-461 Version F Method RE103

MIL-STD-462 : Radiated Susceptibility

12/E11	MIL-STD-461 Version E Method RS101
12/E12	MIL-STD-461 Version E Method RS103
12/E15	MIL-STD-461 Version F Method RS101
12/E16	MIL-STD-461 Version F Method RS103

2009-12-02 through 2010-12-31

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**ELECTROMAGNETIC COMPATIBILITY
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NVLAP LAB CODE 200879-0

<i>NVLAP Code</i>	<i>Designation / Description</i>
12/160D19	RTCA/DO-160D (1997): Environmental Conditions and Test Procedures for Airborne Equipment - Section 19 - Induced Signal Susceptibility
12/160D20	RTCA/DO-160D (1997): Environmental Conditions and Test Procedures for Airborne Equipment - Section 20 - Radio Frequency Susceptibility (Radiated and Conducted)
12/160D20b	RTCA/DO-160 (1997): Environmental Conditions and Test Procedures for Airborne Equipment - Section 20.6: Radio Frequency Susceptibility (Radiated Mode Tuned)
12/160D22	RTCA/DO-160D (1997): Environmental Conditions and Test Procedures for Airborne Equipment - Section 22 - Lightning Induced Transient Susceptibility
12/160D25	RTCA/DO-160D (1997): Environmental Conditions and Test Procedures for Airborne Equipment - Section 25 - Electrostatic Discharge (ESD)
12/160F15	RTCA/DO 160F (2007): Environmental Conditions and Test Procedures for Airborne Equipment - Section 15 - Magnetic Effect
12/160F16	RTCA/DO-160F (2007): Environmental Conditions and Test Procedures for Airborne Equipment - Section 16 - Power Input
12/160F17	RTCA/DO-160F (2007): Environmental Conditions and Test Procedures for Airborne Equipment - Section 17 - Voltage Spike
12/160F18	RTCA/DO-160F (2007): Environmental Conditions and Test Procedures for Airborne Equipment - Section 18 - Audio Frequency Conducted Susceptibility - Power Inputs
12/160F19	RTCA/DO-160F (2007): Environmental Conditions and Test Procedures for Airborne Equipment - Section 19 - Induced Signal Susceptibility
12/160F20	RTCA/DO-160F (2007): Environmental Conditions and Test Procedures for Airborne Equipment - Section 20 - Radio Frequency Susceptibility (Radiated and Conducted)
12/160F22	RTCA/DO-160F (2007): Environmental Conditions and Test Procedures for Airborne Equipment - Section 22 - Lightning Induced Transient Susceptibility

2009-12-02 through 2010-12-31

Effective dates

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**ELECTROMAGNETIC COMPATIBILITY
AND TELECOMMUNICATIONS**

NVLAP LAB CODE 200879-0

<i>NVLAP Code</i>	<i>Designation / Description</i>
12/B22	MIL-STD-461 Version E Method CS104
12/B23	MIL-STD-461 Version E Method CS105
12/B24	MIL-STD-461 Version E Method CS109
12/B25	MIL-STD-461 Version E Method CS114
12/B26	MIL-STD-461 Version E Method CS115
12/B27	MIL-STD-461 Version E Method CS116
12/B28	MIL-STD-461 Version F Method CS101
12/B29	MIL-STD-461 Version F Method CS103
12/B30	MIL-STD-461 Version F Method CS104
12/B31	MIL-STD-461 Version F Method CS105
12/B32	MIL-STD-461 Version F Method CS106
12/B33	MIL-STD-461 Version F Method CS109
12/B34	MIL-STD-461 Version F Method CS114
12/B35	MIL-STD-461 Version F Method CS115
12/B36	MIL-STD-461 Version F Method CS116

MIL-STD-462 : Radiated Emissions

12/D07	MIL-STD-461 Version E Method RE101
12/D08	MIL-STD-461 Version E Method RE102
12/D09	MIL-STD-461 Version E Method RE103

2009-12-02 through 2010-12-31

Effective dates

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