

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200085-0

Global EMC Standard Tech. Corp.

Taipei County
TAIWAN

*is accredited by the National Voluntary Laboratory 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 Communique dated January 2009).*

2011-10-01 through 2012-09-30

Effective dates



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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Global EMC Standard Tech. Corp.

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**ELECTROMAGNETIC COMPATIBILITY
AND TELECOMMUNICATIONS**

NVLAP LAB CODE 200085-0

NVLAP Code Designation / Description

Emissions Test Methods

12/CIS13	IEC/CISPR 13 (2001-04), EN 55013 (2001), AS/NZS CISPR 13 (2003), and CNS 13439 (2001): Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement
12/CIS13a	IEC/CISPR 13, Ed. 4.1 (2003): Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement
12/CIS14a	EN 55014-1 (1993), A1 (1997), A2 (1999):
12/CIS14a3	EN 55014-1 (2000) with Amendments A1(2001) & A2 (2001): Electromagnetic Compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
12/CIS14c	CNS 13783-1: Electromagnetic Compatibility Requirements for household appliances, electric tools and similar apparatus - Part 1: Emissions
12/CIS14z	IEC/CISPR 14-1 (2000), A1 (2001), A2 (2002): Electromagnetic Compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

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<i>NVLAP Code</i>	<i>Designation / Description</i>
12/CIS22	IEC/CISPR 22 (1997) & EN 55022 (1998) + A1(2000): Limits and methods of measurement of radio disturbance characteristics of information technology equipment
12/CIS22a	IEC/CISPR 22 (1993) and EN 55022 (1994): Limits and methods of measurement of radio disturbance characteristics of information technology equipment, Amendment 1 (1995) and Amendment 2 (1996)
12/CIS22b	CNS 13438 (1997): Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment
12/EM02a	IEC 61000-3-2, Edition 2.1 (2001-10), EN 61000-3-2 (2000), and AS/NZS 2279.1 (2000): Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A)
12/EM03c	IEC/EN 61000-3-3 (1994) with Amendment 1 (2001): Conducted Emissions, Voltage Flicker
12/FCC15b	ANSI C63.4 (2003) with FCC Method 47 CFR Part 15, Subpart B: Unintentional Radiators
12/FCC15c	ANSI C63.4 (2003) with FCC Method 47 CFR Part 15, Subpart C: Intentional Radiators
12/FCC15cz	SS - MP with FCC Method - 15 CFR Part 15, Subpart C: Intentional Radiators
12/ICES003	ICES-003 Issue 4 (2004): Implementation and Interpretation of the Interference-Causing Equipment Standard for Digital Apparatus. (Industry Canada)
12/T51	AS/NZS CISPR 22 (2002) and AS/NZS 3548 (1997): Electromagnetic Interference - Limits and Methods of Measurement of Information Technology Equipment
12/T51a	AS/NZS CISPR 22 (2004): Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
12/T51b	AS/NZS CISPR 22, 3rd Edition (2006): Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement

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NVLAP LAB CODE 200085-0

NVLAP Code Designation / Description

Immunity Test Methods

- 12/CIS20 IEC/CISPR 20 (2002-02) and EN 55020 (1994): Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement
- 12/I01a IEC 61000-4-2 (1995), A1(1998), A2(2000); EN 61000-4-2(1995): ESD Immunity Test
- 12/I02b IEC/EN 61000-4-3, Ed. 2.1 (2002), A1 (2002); EN 61000-4-3: Radiated, radio-frequency, electromagnetic field immunity test
- 12/I03c IEC 61000-4-4, Ed. 2.0 (2004-07): Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test
- 12/I04a IEC 61000-4-5(1995),A1(2000); EN 61000-4-5(1995),A1(2001): Surge Immunity Test
- 12/I05c IEC 61000-4-6 (2003-05) + A1(2004); EN 61000-4-6: Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
- 12/I06a IEC 61000-4-8(1993), A1(2000); EN 61000-4-8(1994), A1(2000): Power Frequency Magnetic Field Immunity Test
- 12/I07a IEC 61000-4-11(1994),A1(2001) & EN 61000-4-11(1994),A1(2001): Voltage Dips, Short Interruptions and Voltage Variations Immunity Tests

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