



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INDEPENDENT TESTING LABORATORIES, INC. ¹

1127 Baker Street

Costa Mesa, CA 92626

Kristian DiSanzo Phone: 714 662 1011

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Website: <http://itltesting.net>

ELECTRICAL

Valid to: July 31, 2021

Certificate Number: 3137.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above, *as well as the satellite laboratory location listed below*, to perform the following electromagnetic capability tests:

<u>Test:</u>	<u>Test Specification(s):</u>	<u>Method(s):</u>
Audio Frequency Conducted Susceptibility - Power Inputs	RTCA/DO-160 D, E, F, G	Section 18
Electrostatic Discharge (ESD)	RTCA/DO-160 D, E, F, G	Section 25
Emission of Radio Frequency Energy (Conducted and Radiated)	RTCA/DO-160 D, E	Sections 21.3 and 21.4
Emission of Radio Frequency Energy (Conducted and Radiated)	RTCA/DO-160 F, G	Sections 21.4 and 21.5
Induced Signal Susceptibility	RTCA/DO-160 D, E, F, G	Section 19
Lightning Induced Transient Susceptibility	RTCA/DO-160 D, E, F, G	Section 22
Magnetic Effect	RTCA/DO-160 D, E, F, G	Section 15
Power Input	RTCA/DO-160 D, E, F, G	Section 16
Radio Frequency Susceptibility (Radiated and Conducted)	RTCA/DO-160 D, E, F, G	Sections 20.4 and 20.5
Voltage Spike	RTCA/DO-160 D, E, F, G	Section 17

¹ Accreditation is granted to this laboratory at the location listed above as well as the satellite laboratory location listed below:

INDEPENDENT TESTING LABORATORIES, INC.
17842 Cowan
Irvine, CA 92614
Kristian DiSanzo Phone: 949 769 2583
email: kristian@itltesting.net
Website: <http://itltesting.net>

<u>Test:</u>	<u>Specifications:</u>	<u>Method(s):</u>
Audio Frequency Conducted Susceptibility - Power Inputs	RTCA/DO-160 D, E, F, G	Section 18
Electrostatic Discharge (ESD)	RTCA/DO-160 D, E, F, G	Section 25
Emission of Radio Frequency Energy (Conducted and Radiated)	RTCA/DO-160 D, E	Sections 21.3 and 21.4
Emission of Radio Frequency Energy (Conducted and Radiated)	RTCA/DO-160 F, G	Sections 21.4 and 21.5
Induced Signal Susceptibility	RTCA/DO-160 D, E, F, G	Section 19
Lightning Induced Transient Susceptibility	RTCA/DO-160 D, E, F, G	Section 22
Magnetic Effect	RTCA/DO-160 D, E, F, G	Section 15
Power Input	RTCA/DO-160 D, E, F, G	Section 16
Radio Frequency Susceptibility (Conducted and Radiated)	RTCA/DO-160 D, E, F, G	Sections 20.4 and 20.5
Voltage Spike	RTCA/DO-160 D, E, F, G	Section 17

On the following types of products, material, and/or industry:

In-flight Entertainment Systems and Various Aircraft Subsystems, Military components and Aerospace components





Accredited Laboratory

A2LA has accredited

INDEPENDENT TESTING LABORATORIES, INC.

Costa Mesa, CA

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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 April 2017*).



Presented this 5th day of April 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3137.02
Valid to July 31, 2021

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.