CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

RF Safety Laboratory, LLC
5520 Research Park Drive, Suite 140
Catonsville, MD 21228, USA

Fulfills the requirements of

ISO/IEC 17025:2017

and

U.S. Federal Communication Commission (FCC) EMC and Telecommunications (EC&T) Testing Designation Program

Recognition of Telecommunications Testing - Innovation, Science, and Economic Development (ISED) Canada

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 09 January 2026

Certificate Number: AT-3274

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

U.S. Federal Communication Commission (FCC) EMC and Telecommunications (EC&T) Testing Designation Program [1]

Recognition of Telecommunications Testing - Innovation, Science, and Economic Development (ISED) Canada [2]

RF Safety Laboratory, LLC

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TESTING

Valid to: **January 9, 2026** Certificate Number: **AT-3274**

Testing performed in support of FCC approval procedures for certification [1]

Type of Device Examples	Scope of Accreditation	Supporting FCC Guidance	Comments/Maximum Frequency Tested
RF Exposure Devices Subject to SAR Requirements	IEEE Std 1528™-2013	KDB Publication 865664 KDB Publication 447498	110 000 MHz
Hearing Aid Compatibility (Part 20) HAC for Commercial mobile services	ANSI C63.19-2011	-	6 000 MHz

Testing to Meet the Requirements for Recognition of Telecommunications Testing – Innovation, Science, and Economic Development (ISED) Canada [2]

Test Method (Standard)	Issue, Date, Amendment	Test Specification(s)	Comments
RSS-102	Issue 5, March 2015 Amendment 1, February 2021	Radio Frequency (RF) Exposure compliance of Radiocommunications Apparatus (All Frequency Bands)	RF Exposure (RF Exp) - Measurement
RSS-102	Issue 6, December 2023	Radio Frequency (RF) Exposure compliance of Radiocommunications Apparatus (All Frequency Bands)	Specific Absorption Rate (SAR) Measurement
RSS-102.SAR.MEAS	Issue 1, December 2023	Measurement Procedure for Assessing Specific Absorption Rate (SAR) Compliance in Accordance with RSS-102	Specific Absorption Rate (SAR) Measurement

Testing to Meet the Requirements for Recognition of Telecommunications Testing – Innovation, Science, and Economic Development (ISED) Canada [2]

Test Method (Standard)	Issue, Date, Amendment	Test Specification(s)	Comments
RSS-102.IPD.MEAS	Issue 1, December 2023	Measurement Procedure for Assessing Incident Power Density (IPD) Compliance in Accordance with RSS-102	Incident Power Density (IPD) - Measurement
RSS-102.NS.MEAS	Issue 1, December 2023	Measurement Procedure for Assessing Nerve Stimulation (NS) Compliance in Accordance with RSS-102	Nerve Stimulation (NS) – Measurement
RSS-102.SAR.SIM (SPR-002 Issue 2, Section 8)	Issue 2, October 2022	Supplementary Procedure for Assessing Compliance of Equipment Operating from 3 kHz to 10 MHz with RSS-102: Computational Assessments	Specific Absorption Rate (SAR) Simulation
RSS-102.IPD.SIM	Issue 1, December 2023	Simulation Procedure for Assessing Incident Power Density (IPD) Compliance in Accordance with RSS-102	Incident Power Density (IPD) - Simulation
RSS-102.NS.SIM	Issue 1, December 2023	Simulation Procedure for Assessing Nerve Stimulation (NS) Compliance in Accordance with RSS-102	Nerve Stimulation (NS) - Simulation
RSS-HAC	Issue 2, April 2022	Hearing Aid Compatibility and Volume Control	Hearing Aid Compatibility (HAC) Testing

Electromagnetic Compatibility (EMC)

Test Method	Test Specification(s)	Range	Comments
RF Exposure Specific Absorption Rate (SAR) Power Density Nerve Stimulation Absorbed Power Density	IEEE 1528-2013, IEC/IEEE 62209-1528:2020 EN IEC/IEEE 62209-1528:2021 FCC KDB 447498 D01, D02, D03 and D04 FCC KDB 616217 D04, FCC KDB 643646 D01 FCC KDB 865664 D01 and D02 FCC KDB 941225 D01, D05, D05A, D06, and D07 FCC KDB 615223 D01, FCC KDB 648474 D03 and D04 FCC KDB 680106 D01, FCC KDB 248227 D01 ISED RSS-102 Issue 5: Amendment 1 ISED SPR-003 Issue 1, ISED SPR-002 Issue 2 ISED SPR-001 Issue 1, ISED SPR-004 Issue 1 SPR-APD Issue 1, RSS-Gen Clause 3.4 RSS-102 Issue 6, RSS-102.SAR.MEAS (Issue 1) RSS-102.SAR.SIM, SPR-002 Issue 2 Section 8, RSS-102.IPD.SIM(Issue1), RSS-102.NS.SIM(Issue1)	Nerve Stimulation (3 kHz to 10 MHz) SAR (100 kHz to 10 GHz) Absorbed Power Density (6 to 10 GHz) Power Density (6 to 110 GHz)	-

Electromagnetic Compatibility (EMC)

Test Method	Test Specification(s)	Range	Comments
RF Exposure Specific Absorption Rate (SAR) Power Density Nerve Stimulation Absorbed Power Density	EN 50360-2017/A1:2023, EN 50566-2017/A1:2023 EN 62209-1:2016, EN 62209-2:2010/A1:2019 IEC 62209-1:2016, IEC 62209-2:2010/A1:2019 IEC 62311:2007, IEC 62311:2019 EN 62311:2008, EN 62311:2020 IEC 62479:2010, EN 62479:2010 EN 50663:2017 IEEE C95.1-1992 IEEE C95.1: 2019/Cor2-2020 ICNIRP (100 kHz to 300 GHz):2020 IEEE C95.3-2021, IEC/IEEE 63195-1:2022 EN IEC/IEEE 63195-1:2023, IEC TR 63170:2018 IEC PAS 63446:2022, IEC TR 62630:2010 IEC PAS 63184:2021, IEC TR 62905:2018 IEC TR 63377:2022, ARPANSA RPS S-1 rev1 AS/NZS 2772.2:2016 Amendment 1:2018	Nerve Stimulation (3 kHz to 10 MHz) SAR (100 kHz to 10 GHz) Absorbed Power Density (6 to 10 GHz) Power Density (6 to 110 GHz)	-
RF Exposure Specific Absorption Rate (SAR) Power Density Nerve Stimulation Absorbed Power Density	NBTC Notification, NTC TS 5001-2550 RES-3103 EXENTA, ARIB STD-T56 MSIT Public Notification 2019-4, Jan 16, 2019 RRA Public Notification 2018-18, December 7, 2018 RRA Public Notification 2021-22, November 29, 2021 RRA Public Notification 2023-12, June 30, 2023 KS C 3370-1, KS C 3370-2 IEC 62232:2022, EN 62232:2002 EN 50401:2017, EN 50385:2017 IEC TR 63424-1:2024 IEC/IEEE 62704-1:2017, IEC/IEEE 62704-2:2017 IEC/IEEE 62704-3:2017, IEC/IEEE 62704-1:2020 IEC/IEEE 63195-2: 2022, EN 63195-2: 2023	Nerve Stimulation (3 kHz to 10 MHz) SAR (100 kHz to 10 GHz) Absorbed Power Density (6 to 10 GHz) Power Density (6 to 110 GHz)	-
Hearing Aid Compatibility	ANSI C63.19-2019 ISED RSS-HAC ANSI/TIA-5050:2018 FCC KDB 285076 D01, KDB 285076 D02, FCC KDB 285076 D03, KDB 285076 D04, KDB 285076 D05	HAC (614 MHz to 6 GHz)	-

Information Technology

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Cybersecurity Testing for Radio Equipment	EN 303 645, EN 18031-1, EN 18031-2, EN 18031-3 CTIA Cybersecurity Certification Test Plan for IOT Devices NIST IR 8228, IST IR 8259A TS 133 513, TS 133 117 UK Product Security and Telecommunications Infrastructure (UK PSTI) (2023 No. 1007)	Healthcare IoT Devices, Industrial IoT Devices, Smart Home devices, Smart City Devices, Agriculture and Farming IoT, Retail IoT, Smart Grids and Energy Management, Smartphones, Tablets, Wearables, Routers, Vehicle Components, Aviation and Marine Components, Network Devices	Penetration Testing Equipment

Notes:

1. Meets the requirements of the FCC equipment authorization program as detailed in 47 CFR Part 2 Subpart J as defined in the ANAB SR 2412 U.S. Federal Communication Commission (FCC) EMC and Telecommunications (EC&T) Testing Designation Accreditation Program. Recognition by the FCC can be confirmed by visiting their website https://apps.fcc.gov/oetcf/eas/reports/TestFirmSearch.cfm.
2. Testing performed to meet the Requirements for Recognition of Telecommunications Testing – Innovation, Science, and Economic Development (ISED) Canada. Recognition by ISED can be confirmed by visiting their website https://www.ic.gc.ca/eic/site/mra-arm.nsf/eng/h_nj00091.html.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-3274.

Jason Stine, Vice President