CERTIFY WITH CONFIDENCE

U.S.-Based Wireless Testing for a Changing FCC Landscape

1 Introduction

The FCC equipment authorization landscape is changing.

Under FCC 26-73, the FCC is establishing new geographic requirements for recognized equipment-authorization activities. Beginning **December 1, 2028**, covered testing, certification, and accreditation activities must occur in the United States or an eligible Reciprocal Economy [1], [2]. DOC-426300A1 describes the FCC's objective as strengthening oversight while moving equipment-authorization activity toward the United States and reciprocal trading partners [1]. [DOC-426300A1 | PDF], [FCC-26-73A1 | PDF]

For wireless-device manufacturers and radio-module integrators, the Ezurio Laboratory in Cedarburg, Wisconsin, USA provides a compelling advantage:

Develop, integrate, troubleshoot, and support your North American certification program with a U.S.-based wireless engineering and test partner.

2 Why Cedarburg?

2.1 U.S.-Based FCC Certification Support

FCC 26-73 specifically preserves the United States as an eligible location for FCC-recognized covered activities [2]. This provides a straightforward geographic path for applicable FCC work as the new requirements take effect. [FCC-26-73A1 | PDF]

For future programs, the Ezurio Cedarburg location provides a U.S.-based foundation around which manufacturers and module integrators can build their FCC certification strategy.

2.2 From Radio Module to Finished Host

Integration of a certified radio module can still create host-level regulatory considerations involving:

- antenna selection and gain;
- radiated and spurious emissions;
- RF exposure;
- simultaneous transmission;
- integration outside the module's approved conditions;
- permissive changes;
- host-specific testing; and
- coordinated FCC and ISED certification planning.

Working with Ezurio offers the opportunity to connect radio-module expertise with the requirements of the finished host product.

Rather than treating certification as something that happens only after the design is complete, integrators can consider regulatory requirements throughout product development.

2.3 Reduce the Risk of Certification Rework

The FCC's new policy is about more than the physical location of a test chamber.

For an FCC Test Lab, covered activity addressed by the new geographic requirements includes functions such as test setup and operation, required measurements, technical analysis of results, preparation of the certification test report, and approval of the report [2]. [FCC-26-73A1 | PDF]

That makes an increasingly important question part of laboratory selection:

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Where is the certification work actually being performed?

A U.S.-based certification workflow can simplify that geographic question and reduce the risk of discovering later in a program that substantive portions of the FCC certification process depend on resources operating from an ineligible location.

2.4 Keep Global Engineering Global

The new FCC policy does not mean every part of product development must occur in the United States.

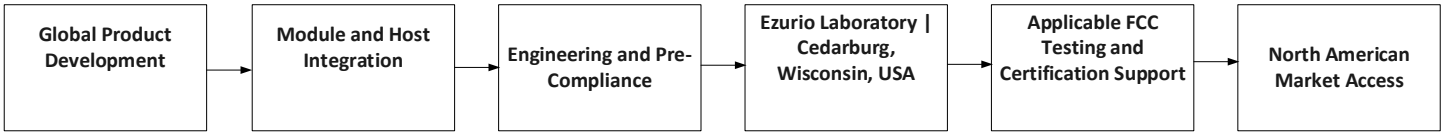
FCC 26-73 distinguishes pre-compliance and R&D activities that are not relied upon for FCC certification from covered FCC Test Lab activities [2]. [FCC-26-73A1 | PDF]

Customers can therefore continue to use global engineering resources for activities such as:

- prototype development;
- antenna optimization;
- RF debugging;
- EMC pre-scans;
- design verification; and
- other pre-compliance engineering.

Final FCC certification activities subject to the rule can then be routed through an eligible facility.

The Ezurio Laboratory in Cedarburg, Wisconsin can fit naturally into that development model:



3 FCC + ISED: Build a North American Strategy

FCC and Canadian ISED requirements remain separate regulatory systems.

The FCC's new reciprocity policy does **not automatically become an ISED Canada requirement**. ISED maintains its own certification and laboratory-recognition framework through requirements including RSP-100, REC-LAB, and applicable Radio Standards Specifications [3]-[6]. [ised-isde.canada.ca], [ised-isde.canada.ca], [ised-isde.canada.ca], [ised-isde.canada.ca]

For developers targeting both the United States and Canada, coordinated regulatory planning can therefore be increasingly valuable.

Instead of asking only:

Where can we run this test?

consider asking:

How do we create an FCC and ISED certification strategy for the complete host before testing begins?

Early regulatory planning can help identify opportunities to coordinate testing, samples, host configurations, antennas, RF-exposure evaluations, and certification documentation.

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4 Why Choose Ezurio?

4.1 U.S.-Based Laboratory

The Ezurio Laboratory in Cedarburg, Wisconsin provides a U.S.-based location aligned geographically with the United States eligibility established by the FCC's new framework [1], [2]. [DOC-426300A1 | PDF], [FCC-26-73A1 | PDF]

4.2 Radio and Module Expertise

Work with an organization focused on wireless technologies and the challenges associated with integrating radio modules into finished products.

4.3 Host-Integration Perspective

Address antennas, RF exposure, simultaneous transmission, host configuration and other integration considerations as part of an overall certification strategy.

4.4 Future-Ready FCC Planning

Begin preparing certification workflows now for the FCC's **December 1, 2028** transition instead of waiting until new geographic requirements become effective [1], [2]. [DOC-426300A1 | PDF], [FCC-26-73A1 | PDF]

4.5 North American Certification Perspective

Develop FCC and Canadian certification strategies together while recognizing that each jurisdiction maintains independent certification, laboratory-recognition and technical requirements [3]-[6]. [ised-isde.canada.ca], [ised-isde.canada.ca], [ised-isde.canada.ca], [ised-isde.canada.ca]

5 Your Radio Module Is Only the Beginning

Selecting the right radio module can simplify wireless product development.

Selecting the right integration and certification partner can help simplify what comes next.

Ezurio | Cedarburg, Wisconsin, USA

From module integration to North American regulatory compliance.

Design globally. Integrate confidently. Certify closer to market.

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6 References

[1] Federal Communications Commission, "FCC Proceeds on Device Test Lab Onshoring, Reciprocity Rules: New Rules Will Limit Testing to Labs in the U.S. or Country That Offers Reciprocal Recognition," Washington, DC, USA, Oct. 29, 2026, DOC-426300A1. [DOC-426300A1 | PDF]

[2] Federal Communications Commission, "Third Report and Order and Third Further Notice of Proposed Rulemaking," *Protecting Against National Security Threats to the Communications Supply Chain through the Equipment Authorization Program*, ET Docket No. 24-136, FCC 26-73, Washington, DC, USA, Oct. 29, 2026, FCC-26-73A1. [FCC-26-73A1 | PDF]

[3] Innovation, Science and Economic Development Canada, "RSP-100: Certification of Radio Apparatus and Broadcasting Equipment," Radio Standards Procedure RSP-100, Issue 12, Aug. 2019. [Online]. Available: ISED RSP-100. [ised-isde.canada.ca]

[4] Innovation, Science and Economic Development Canada, "REC-LAB: Procedure for the Recognition of Testing Laboratories to Test/Assess to Canadian Requirements," Issue 8, Jun. 25, 2024, Amendment 1, Feb. 14, 2025. [Online]. Available: ISED REC-LAB. [ised-isde.canada.ca]

[5] Innovation, Science and Economic Development Canada, "Testing Laboratory Scope of Recognition," Mutual Recognition Agreements/Arrangements, updated Jun. 10, 2026. [Online]. Available: ISED Testing Laboratory Scope. [ised-isde.canada.ca]

[6] Innovation, Science and Economic Development Canada, "RSS-102: Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)," Issue 6, Dec. 15, 2023. [Online]. Available: ISED RSS-102. [ised-isde.canada.ca]

[7] Microsoft, *Microsoft Copilot*, "Drafting assistance for 'Certify With Confidence: U.S.-Based Wireless Testing for a Changing FCC Landscape,'" promotional content generated from user-supplied FCC materials and cited ISED regulatory sources, Nov. 5, 2026.

7 Document-generation disclosure

This promotional piece was prepared with drafting, organization, and synthesis assistance from Microsoft Copilot [7]. Regulatory statements are based on the FCC and ISED sources identified in Refs. [1]-[6]. Reference [7] documents **AI-assisted generation of the material and is not a regulatory authority**.

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