

August 31, 2026

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REQUEST FOR RENEWAL OF EXPERIMENTAL RADIO STATION LICENSE: WM2XYX

CableLabs, Inc. ("CableLabs"), pursuant to Section 5.71(a)(2) of the Commission's rules, hereby requests renewal of its Conventional Experimental Radio Station License **WM2XYX** for an additional two-year term. Renewal of this authorization is necessary to allow CableLabs to continue laboratory evaluation and technical testing of Citizens Broadband Radio Service (CBRS) operations on behalf of its member organizations. As set forth below, grant of this request will serve the public interest, convenience, and necessity.

Station **WM2XYX** authorizes operations across the **3550–3700 MHz** band. CableLabs's members actively deploy and operate commercial services utilizing both General Authorized Access (GAA) and Priority Access License (PAL) tiers in this spectrum. CableLabs uses this experimental station for ongoing testing and evaluation of Spectrum Access System (SAS) interactions, dynamic frequency allocation behavior, and CBSD device performance. Crucially, ongoing testing is required to analyze coexistence, spectral efficiency, and interference dynamics between CBRS systems and emerging adjacent-band or co-channel technologies. Continued authorization is necessary to validate these shared-spectrum architectures as SAS algorithms, device capabilities, and member deployment profiles evolve.

All operations under WM2XYX are conducted under the direct supervision and control of CableLabs's technical staff. Transmissions occur primarily within controlled laboratory and bench-top test environments with appropriate attenuation, or via localized low-power elements designed to contain RF energy to the testing facility. Operations strictly adhere to all authorized technical parameters and conditions established for station WM2XYX, and CableLabs requests that these conditions continue throughout the renewed term.

Because this authorization facilitates essential research and testing that ensures robust, interference-free spectrum sharing for member organizations/network operators, CableLabs respectfully submits that grant of this renewal serves the public interest, convenience, and necessity. Favorable action on this request is therefore warranted.