

August 31, 2026

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REQUEST FOR RENEWAL OF EXPERIMENTAL RADIO STATION LICENSE: WM2XYV

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 **WM2XYV** for an additional two-year term. Renewal of this station authorization is required to maintain critical Frequency Division Duplex (FDD) and Time Division Duplex (TDD) testing capabilities within CableLabs's laboratory. As set forth below, grant of this request will serve the public interest, convenience, and necessity.

Station **WM2XYV** authorizes experimental operations across key commercial paired and unpaired bands:

- **Band 13 (FDD):** 746–756 MHz and 777–787 MHz
- **AWS-1 Band 4 (FDD):** 1710–1755 MHz and 2110–2155 MHz
- **Band 41 (TDD):** 2496–2690 MHz

These frequencies provide CableLabs with complementary low-band and mid-band FDD resources, together with TDD spectrum, for controlled multi-band wireless testing. Maintaining access to both lower-band (Band 13) and mid-band (Band 4) FDD spectrum alongside TDD Band 41 is essential for comprehensive laboratory evaluations. Specifically, CableLabs utilizes these distinct bands to evaluate multi-carrier aggregation, dual-SIM/dual-active device profiles, inter-band handover mechanics, and the performance differences between low-band propagation and mid-band throughput. Access to both low-band and mid-band FDD channels is required to simulate real-world member network deployments, test core network service abstraction layers, and assess adjacent-band coexistence under controlled conditions.

All equipment is operated under the direct supervision, authority, and control of CableLabs. Transmissions are conducted within laboratory facilities utilizing direct RF cabling, bench attenuation, or low-power indoor setups to prevent radiation beyond the immediate testing environment. CableLabs requests that all existing terms, power restrictions, and conditions governing station WM2XYV be applied to the renewed term.

Granting this renewal ensures the continued availability of indispensable FDD/TDD testbeds for member technology validation, directly serving the public interest, convenience, and necessity. Favorable action is respectfully requested.