

August 31, 2026

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REQUEST FOR RENEWAL OF EXPERIMENTAL RADIO STATION LICENSE: WP2XFJ

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 **WP2XFJ** for an additional two-year term. Renewal of this authorization is necessary to enable CableLabs to continue critical mid-band 5G research, evaluation, and member-focused technical trials. As set forth below, grant of this request will serve the public interest, convenience, and necessity.

Station **WP2XFJ** authorizes experimental operations in the **3700–4200 MHz** band (Upper n77 / C-band). CableLabs utilizes this spectrum to conduct engineering evaluations of mid-band 5G New Radio (NR) equipment, beamforming performance, and advanced radio access architectures relevant to member network roadmaps. Renewal of this authorization is required to continue multi-vendor interoperability testing, evaluate spectral containment and RF filter efficacy, and evaluate RF containment, filtering, and coexistence with adjacent-band services. Continued access enables CableLabs to provide empirical engineering data to support member technology transitions and network evolution.

All transmissions are conducted strictly under the direct supervision and control of authorized technical personnel. Operations take place within laboratory test environments utilizing conducted bench setups or low-power localized radiators configured to ensure non-interference. CableLabs requests that all existing terms and conditions for station WP2XFJ be extended for the renewed license term.

Because continued testing under this authorization directly supports the development and deployment of robust mid-band wireless architectures, CableLabs respectfully submits that grant of this renewal application serves the public interest, convenience, and necessity. Favorable action on this request is therefore warranted.