

# FCC Part 15 Unlicensed Operations

by [Nick Clark](#) | Published April 25, 2026

## Part 15 Frame

FCC Part 15 establishes unlicensed-RF operating rules with substantial deployment scale across ISM-band devices, Wi-Fi, Bluetooth, UWB, and emerging emerging-band operations.

## Architecture Implications

Unlicensed-RF operations face emerging coexistence requirements with licensed operations and emerging adversarial-action concerns.

## Architectural Mapping

Environmental-disruption substrate supports cross-modality RF awareness. Spectrum-licensing-gating supports RF-coexistence operations. Adversarial-action surfacing supports emerging coexistence-incident handling.

## Part 15 Evolution

FCC emerging mid-band operations, emerging 6 GHz Wi-Fi 7 deployment, and emerging UWB-everywhere device integration push toward structurally-supported architecture.