Wi-Fi 8 Under the Hood

Multi-AP Coordination

Co-TDMA: Coordinated time division multiple access

Co-BF: Coordinated transmit beamforming

Co-rTWT: Coordinated restricted target wake time

Co-SR: Coordinated spatial reuse

Coexistence

In-device coexistence
Peer-to-peer

Seamless Roaming

Single Mobility Domains

Physical Layer Improvements

Improved LDPC
Intermediate MCS
Unequal Modulation
Enhanced Long Range
Distributed RU

Spectrum Efficiency

DSO: Dynamic Sub-Band Operation
NPCA: Non-Primary Channel Access
DBE: Dynamic Bandwidth Expansion

Power Efficiency

Enhanced Client and
Scheduled AP Power Save

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