



CBRS Update 2024

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Four Years of CBRS

- Full commercial CBRS was launched in January 2020
- Today we are 4 years into the technology
- CBRS is the most widely adopted centrally-managed spectrum sharing framework in the world
- Other regulators are watching and inquiring



AI-generated image by Google Gemini

CBRS by the Numbers

- ~370,000 active CBSDs
 - LTE, 5G NSA, & 5G SA
- ~1,000 different CBRS operators
- 6 Spectrum Access Systems
 - Amdocs, Federated Wireless, Google, Key Bridge, RED Technologies, Sony Corp
- ~1,000 FCC-certified CBSD models
- ~3,200 FCC-certified end-user modules and devices
- 0 instances of interference to incumbents



AI-generated image by Google Gemini

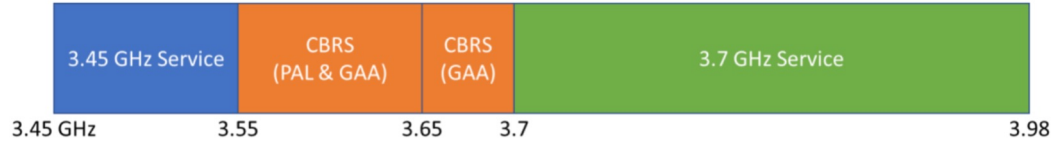
Some Key CBRS Developments in the Previous Year

- Wireless Innovation Forum Mid-band Co-Existence Survey

- [Interim survey results](#)

- [Survey](#)

(Please take and/or forward!)



- Voluntary GAA co-existence solution

- OnGo Alliance [Collaborative GAA Coexistence Technical Specification](#)

- Transition to government portal for inland Dynamic Protection Areas

- Initial over-activation of DPAs (shiny new toy!)

- Allowed immediate availability of 70 MHz of spectrum in Hawaii

- Relaxation of connectivity requirements for CBSDs outside of DPA neighbourhoods and for all CBSDs in 3650-3700 MHz

CBRS will Boom in 2024!

- Dramatic improvements to CBRS are coming in 2024
- CBRS community, working in conjunction with Navy and broader DoD, NTIA, and FCC, has several improvements coming based on experience in first four years
- Improvements deal with propagation models and other interference assumptions, and the related impacts on Dynamic Protection Areas and their neighborhoods
- The result will be considerably fewer pre-emptions of CBRS service, particularly in coastal areas
- Details will be forthcoming in 3-4 months
- Stay tuned!