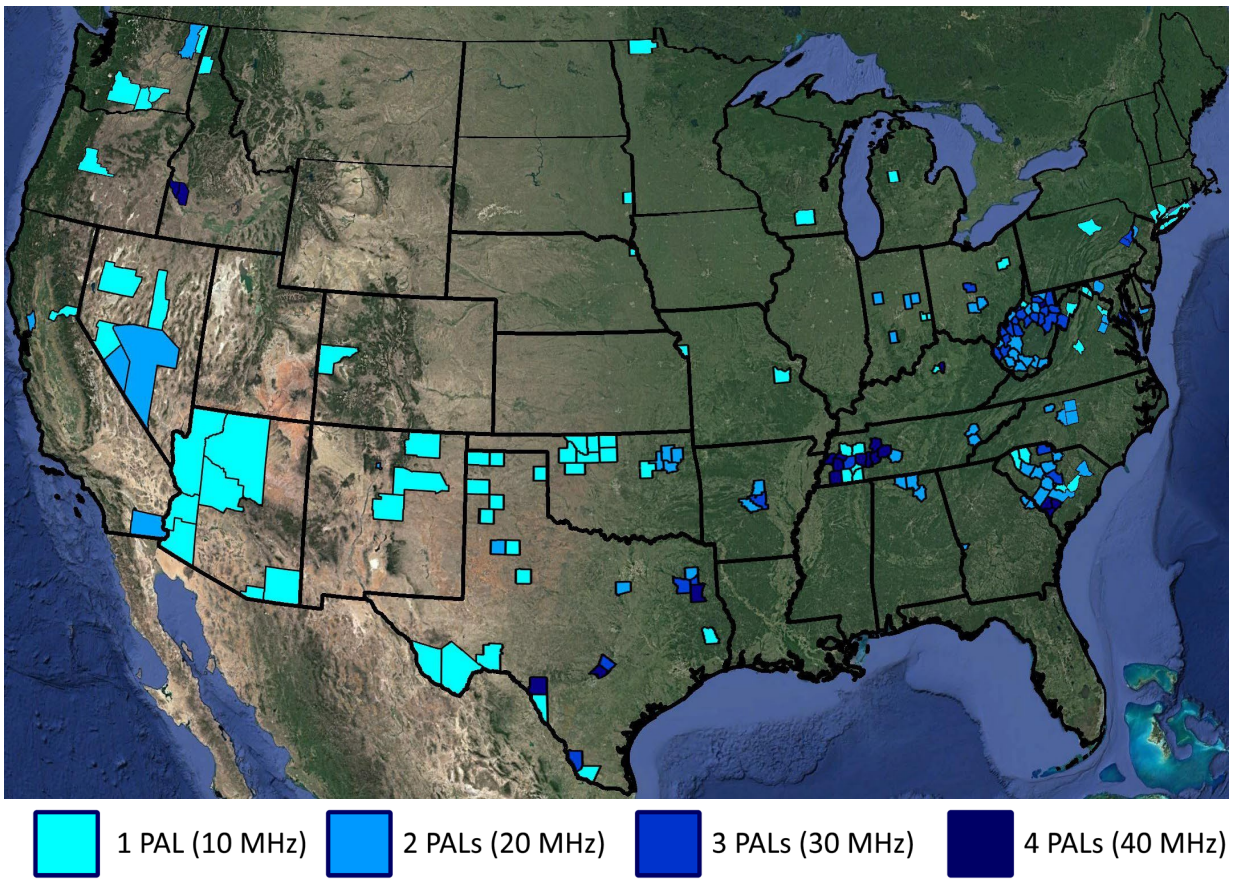
February 2022

Wireless Spectrum Licenses in the CBRS Band (3550-3700 MHz) Ideal for Fixed Wireless, Private LTE, IoT and Smart City Applications

The Citizens Broadband Radio Service (CBRS) introduces dynamic spectrum sharing and ranges from 3550-3700 MHz. CBRS is governed by a three-tiered spectrum authorization framework: Incumbents (Federal Radar Location Systems, VIP users), Priority Access Licenses (PALs) and General Authorized Access (GAA). Access and operations to CBRS are managed by a dynamic spectrum access system (SAS). Select Spectrum clients offer **three hundred sixty (360) PALs** for lease/sale in **one hundred eighty-three (183) Counties** across **thirty-two (32) States**, pictured below.



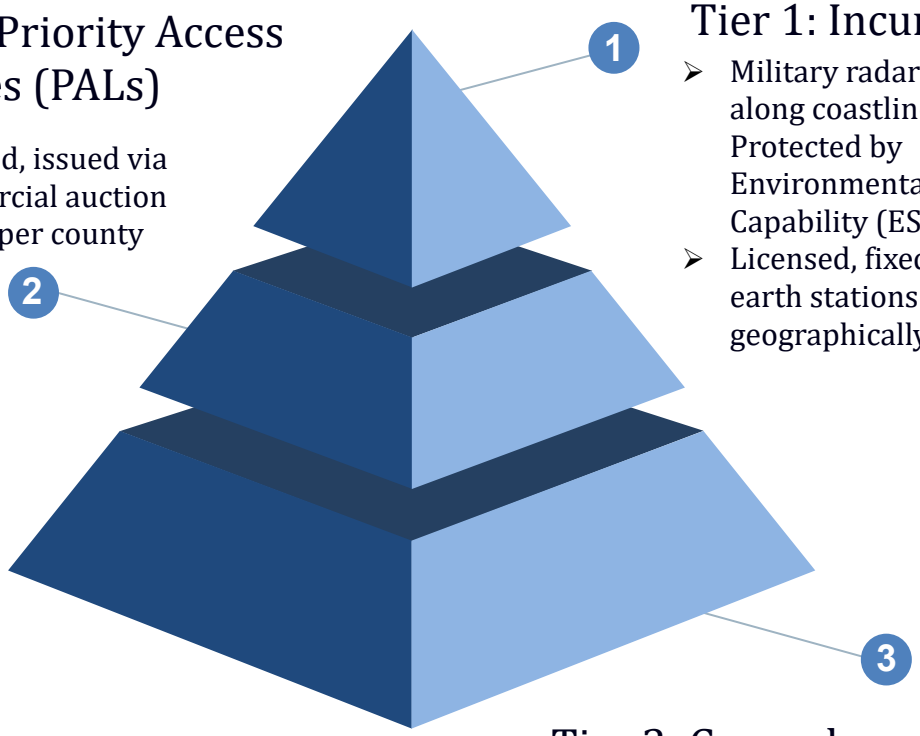
CBRS is ideal for a wide range of users, such as Wireless Internet Service Providers (WISPs), oil/gas companies, electric utilities, nationwide and regional mobile carriers, cable companies, Smart City initiatives, and others that may take advantage of broadband connectivity.

CBRS offers LTE/5G spectrum opportunities (3GPP Band 48) supporting key applications, including Fixed Wireless Access (FWA), cellular mobility, broadband connectivity, support of internal communications over Private LTE networks for Critical Infrastructure Industries, Internet of Things (IoT), Video Surveillance, UAVs, Asset Monitoring/Tracking, and more.

Contact: Andreas Bitzarakis, andreas@selectspectrum.com**,** (571) 287- 8723
Visit our website at http://selectspectrum.com to learn more

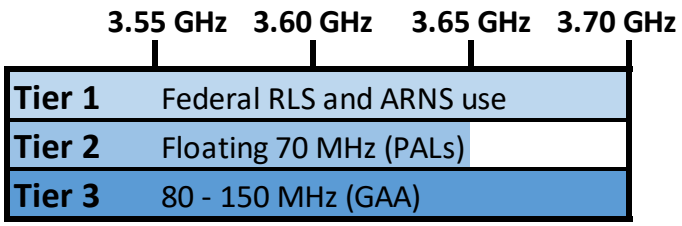
Tier 2: Priority Access Licenses (PALs)

- Licensed, issued via commercial auction
- 7 PALs per county



Tier 1: Incumbents

- Military radar systems along coastlines. Protected by Environmental Sensing Capability (ESC)
- Licensed, fixed satellite earth stations protected geographically



Tier 3: General Authorized Access (GAA)

- Not unlicensed but shared
- Spectrum Access System (SAS) to facilitate coordination among users as well as protect incumbents and PAL holders

A Citizens Broadband Radio Service Device (CBSD) must be Part 96 compliant in order to operate in the CBRS band and to communicate with the SAS. Power limits in the CBRS band are as follows:

Device	Max EIRP (dBm/10 MHz)	Max PSD (dBm/MHz)
End User	23	N/A
Category A CBSD	30	20
Category B CBSD	47	37

Please inquire for more information on PAL availability in your areas of interest, or with general questions on the CBRS band.

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