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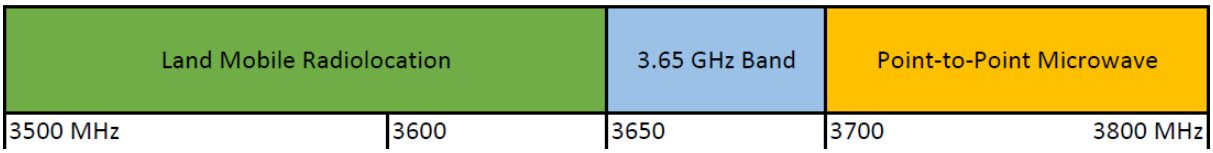
Wireless Spectrum Licenses in 3.65 GHz
Ideal for Broadband Data Applications
Available with Flexible Assignment Locations Nationwide

Select Spectrum is offering **3.65 GHz FCC licensed spectrum** nationwide. The spectrum available is located between 3650-3700 MHz and licensees may freely construct networks anywhere in the United States and its Territories, provided there is no encumbrance upon existing sites. This band has been lightly constructed and most markets throughout the U.S. have few, if any, registered tower sites, providing ample room for the construction of effective and relatively cheap broadbands networks.

The band consists of a single 50 MHz channel that is shared with all licensees. Frequency coordinators manage existing and requested sites to prevent overlap or interference. The exceptionally wide broadband frequency assignment permits high-speed data transmission of up to 100 Mbps, making this service group a popular choice among Wireless Internet Service Providers (WISPs) seeking to expand upon existing operations and start new enterprises.

The 3.65 GHz band is shown with neighboring service groups below:



3.65 GHz licenses have previously been assigned upon request, but the FCC has since stopped issuing new licenses and began a transition to a more flexible Citizens Broadband Radio Service (CBRS). The transition period is expected to take another 2 years, when the band will become an auctioned, market-based service group with exclusivity granted to winning licensees. Before this transition takes place, licensees may operate in any area nationwide that has not yet been registered, affording licensees a highly flexible temporary mobile broadband solution. 3.65 GHz operators are free to take part in the upcoming auction and maintain long term operations.

3.65 GHz spectrum can be used for 2-way data broadcast applications from fixed and/or Pt-Pt links. The large channel plan allows full duplexing and simultaneous multipoint digital broadcasts across the frequency range. Maximum base power permitted is 25 Watts/25 MHz EIRP, while mobile units are limited to a maximum 1 watt/25 MHz EIRP. With decimeter frequencies nearing microwave width, long-range signal power and consistent propagation with topographical encumbrances is possible with comparatively low power limits compared to lower frequency UHF & VHF bands used for mobile data transmission.

Though generally utilized by WISPs for rural internet access, 3.65 GHz licenses can be used as a small cell wireless networking solution, supporting a wide variety of applications including paging & remote monitoring for critical infrastructure, utility communications, business pool, and manufacturing & transportation. Networks generally employ point-multipoint (tall site) architectures.

Equipment for the band is made by Cambium Networks www.cambiumnetworks.com, Ubiquiti Networks www.UBNT.com, Tranzeo www.tranzeo.com, and others.

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