

Wireless Spectrum Licenses in the 3.65 GHz Band 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. While this band is licensed on a shared access basis, it 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 broadband networks.

The band consists of a single 50 MHz channel that is shared with all licensees. 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.

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

Land Mobile Radiolocation		3.65 GHz Band	Point-to-Point Microwave	
3500 MHz	3600	3650	3700	3800 MHz

Frequency coordinators manage active 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.

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) licensing regime. Please inquire with Select Spectrum for additional details regarding the transition and the structure of the new band plan.

Licenses are currently available through assignment from existing license holders via Select Spectrum for an affordable price. Before this transition takes place, licensees may operate in any area nationwide that has not yet been registered, affording licensees a highly flexible mobile broadband solution.

3.65 GHz licenses can be used as a small cell wireless networking solution, supporting a wide variety of applications including video & remote monitoring for critical infrastructure, utility communications, and manufacturing & transportation.

Equipment for the band is made by Cambium Networks www.cambiumnetworks.com, Ubiquiti Networks www.UBNT.com, Redline Communications <http://rdlcom.com>, Tranzeo www.tranzeo.com and others.