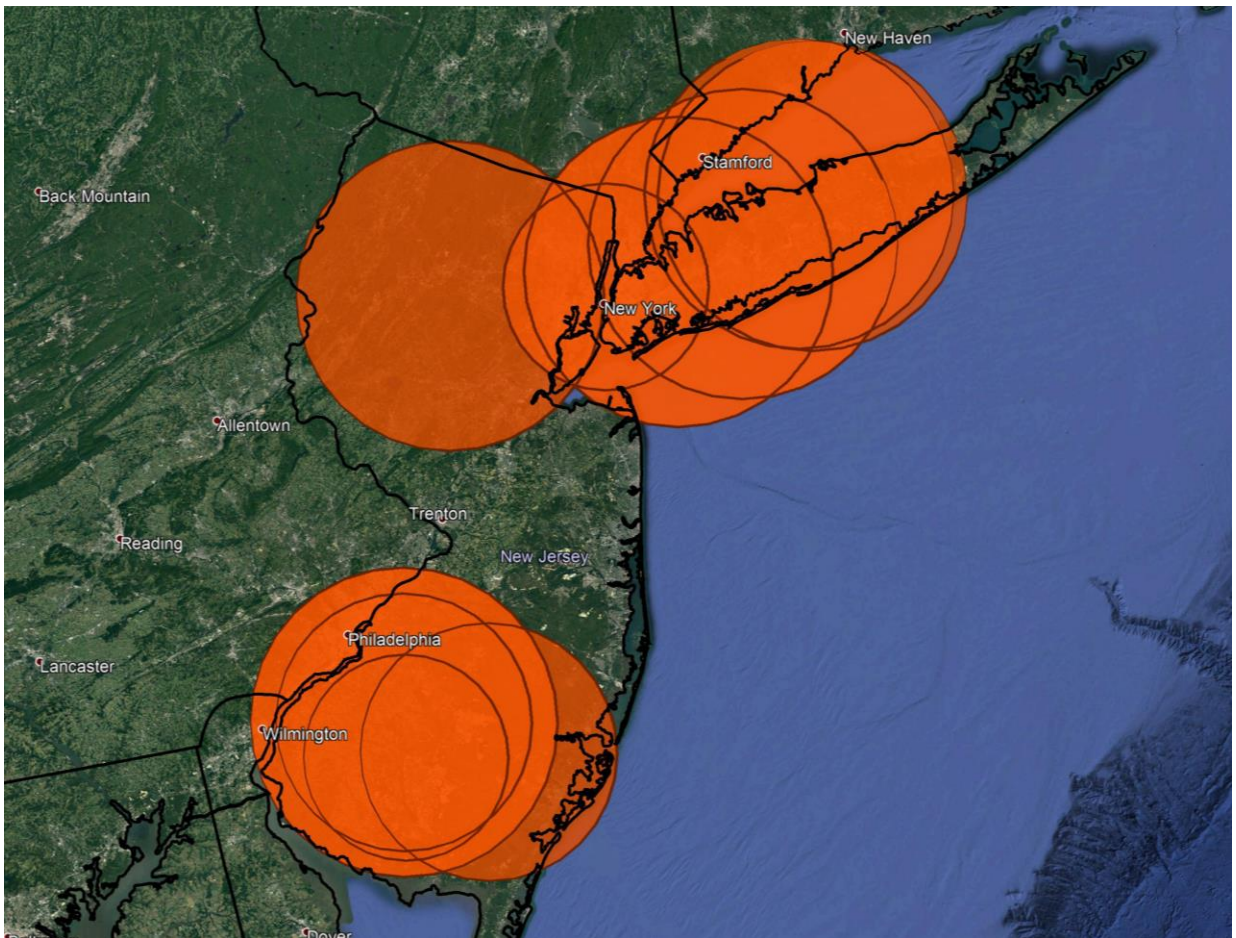




Wireless Spectrum Licenses in 470-512 MHz (T-Band) Ideal for Land Mobile Radio & Public Safety Applications Available in New York City and Philadelphia Market Areas

Select Spectrum is offering twelve **470-512 MHz (T-Band) FCC spectrum licenses** encompassing the significant majority of the Philadelphia, PA and New York/N.E. NJ Urbanized Areas. Together, these licenses cover a population of nearly 22.6 million in these two key mid-Atlantic metropolitan markets. Spectrum availability varies by geographic location. Multiple paired channels are available over both the New York City and Philadelphia metropolitan areas, providing the opportunity for new networks to be erected or existing networks to be expanded.

Available markets in this offering are shown in the map below:



Licenses may be utilized for paging and data applications, but predominately are used to support Land Mobile Radio (LMR) applications and are ideal for commercial two-way radio, Public Safety, critical infrastructure, and utility communications networks.

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Visit our website at <http://selectspectrum.com> to learn more

The T-Band is shown with neighboring service groups below:

Land Mobile (450-470 MHz) - Parts 22, 80, 90, 95	T-Band (470-512 MHz) - Co- Channel TV Channels (6 MHz)							Broadcasting (TV, Radio, LPTV) - Channels 21-36 (512-608 MHz)
	14	15	16	17	18	19	20	

Subject to FCC Part 90 rules, paired 470-512 MHz spectrum may be utilized for land mobile stations on a geographically shared basis with Television Broadcast stations. Transmitters, including mobile relay stations, may not be more than 80 km from the geographic center of the given Urbanized Area. In total, thirteen (13) different Urbanized Areas have been provided for across the U.S. – primarily corresponding to top U.S. metropolitan statistical areas, such as Boston, Chicago, NYC, Philadelphia, Los Angeles, etc.

The New York, NY/N.E. NJ Urbanized Area is authorized for T-Band operations within TV Channels 14, 15, and 16 (470-488 MHz). A total of eight (8) channels are available for purchase through Select Spectrum within Channels 14 and 15. Five (5) of the available channels have been voluntarily narrowbanded (12.5 kHz, paired), with the balance of three (3) channels utilizing wideband (25.0 kHz, paired). A total of 18,398,807 POPs are covered by the available channels, with 1-8 channels having co-geographic coverage, depending on the location (maximum of six channels available over New York City proper).

The Philadelphia, PA Urbanized Area is authorized for T-Band operations within TV Channels 19 and 20 (500-512 MHz). A total of four (4) channels are available for purchase through Select Spectrum within Channels 19 and 20. Three (3) of the available channels have been voluntarily narrowbanded (12.5 kHz, paired), with the remaining channel utilizing wideband (25.0 kHz, paired). A total of 4,181,105 POPs are covered by the available channels, with 1-4 channels having co-geographic coverage, depending on the location (maximum of three channels are available over Philadelphia proper).

The absolute maximum base station power is 1,000 Watts ERP, while mobile units may transmit at up to 200 watts ERP. However, the maximum ERP varies in any given situation, subject protection of incumbent TV broadcasting, distance from a protected UHF television station, antenna height, etc. Proper engineering and due diligence are recommended to identify the maximum ERP permitted for a planned network.

The Middle-Class Tax Relief and Job Creation Act (2012) mandated an auction of T-Band frequencies to begin by February 21, 2021. This mandate also necessitated a freeze in the band, preventing incumbents from modifying their systems. However, after receiving significant backlash by incumbents, this mandate was repealed under the December 2020 Coronavirus Relief Bill.

Equipment for the band is made by Motorola Solutions www.motorolasolutions.com, ESTeem www.esteem.com, Icom www.icomamerica.com, Hytera www.hytera-mobilfunk.com, Kenwood www.kenwood.com, and Tait Communications www.taitradio.com.

Individual call sign information is available upon request. Please contact us for additional information.