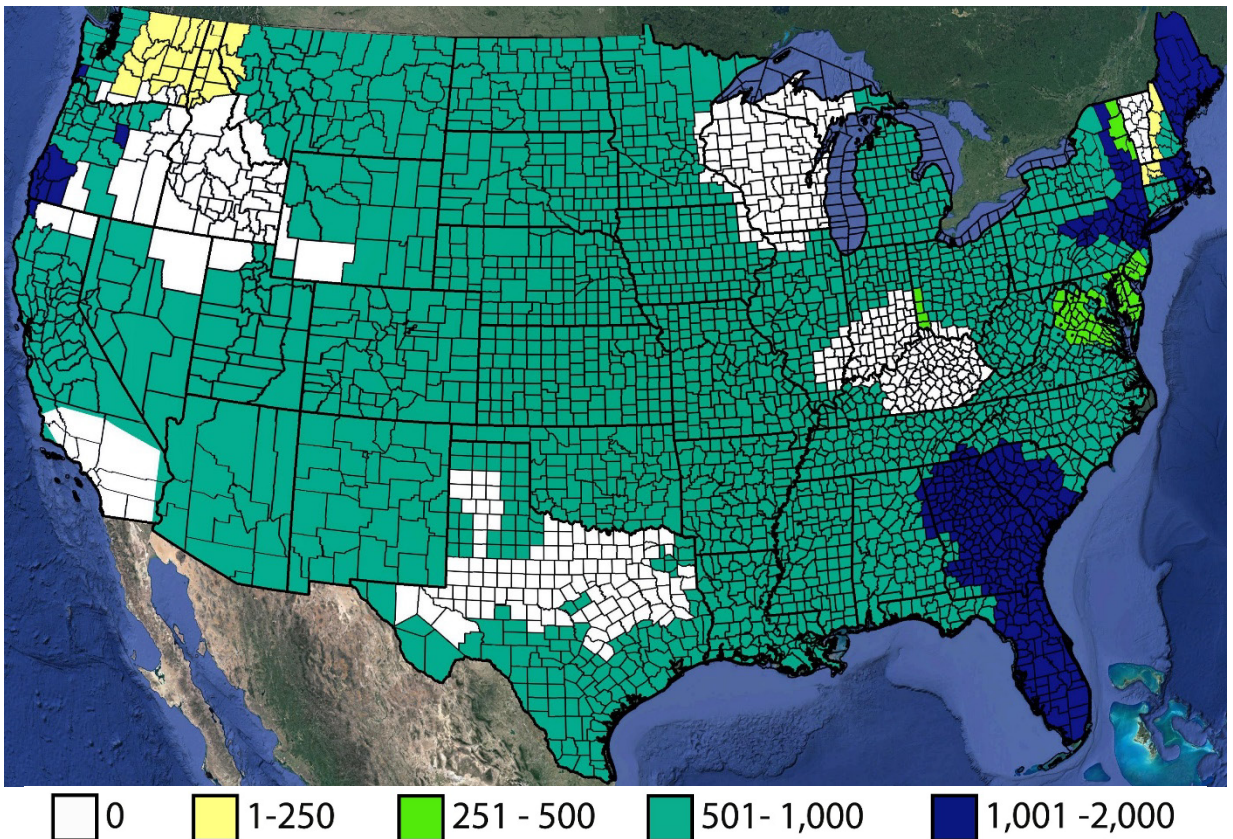


Wireless Spectrum Licenses in the AMTS (217-220 MHz) Band Ideal for Utility, Critical Infrastructure, IoT, M2M, and Rail Applications Available Nearly Nationwide

Select Spectrum represents Susan L. Uecker and Associates, Receiver and manager of **Automated Maritime Telecommunications System "AMTS" (217-220 MHz) FCC licensed spectrum** of up to 2.0 MHz bandwidth. The remaining licenses cover 85.4% of the population and are available for purchase; the owners will partition the licenses geographically and spectrally to match buyer requirements. **Amtrak, Avista, Chesapeake Operating, East Kentucky Power Cooperative, Eversource, Idaho Power, Portland General Electric, Hoosier Energy, Oncor Electric Delivery, WEC Energy, railway consortium PTC-220, wireless Broadband provider AeroNet, Puget Sound Energy, Vermont Transco** and additional utilities, critical infrastructure and rail organizations have acquired AMTS spectrum in select areas across the United States. AMTS license coverage is shown below, detailing available capacity (in kHz), per county:

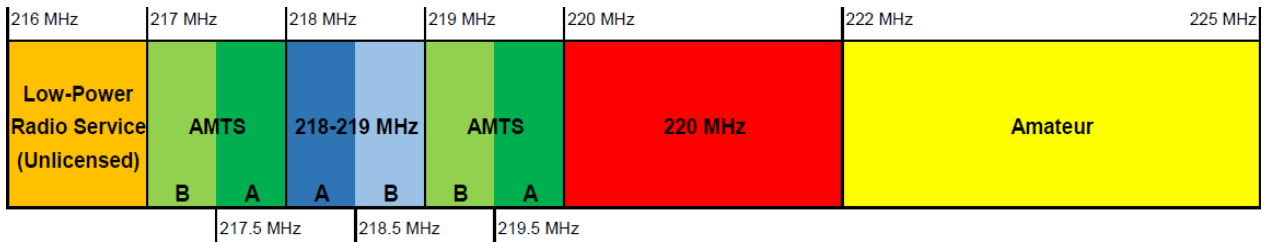


217-220 MHz spectrum has excellent propagation and can be used for a broad range of applications including fixed & mobile data, voice, and video. AMTS licenses are in use by and recommend for utility, critical infrastructure, M2M/Internet of Things (IoT), passenger & freight rail communications, land mobile radio (LMR), distribution automation (DA), supervisory control and data acquisition (SCADA), positive train control (PTC), and Oil & Gas operations.

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The Channel plan includes A and B blocks of 1 MHz each as shown below in green:



Originally set aside for Automated Maritime Telecommunications System services, AMTS spectrum provides for a wide variety of FCC approved land uses with support of throughput of 2 Mbps or more per license per site. The licenses are typically divided into 2 x 500 kHz blocks which can be used to separate uplink and downlink; the A Block is located between 217.5-218.0 MHz / 219.5-220.0 MHz and the B Block is located between 217.0-217.5 MHz / 219.0-219.5 MHz. The large frequency allocation and wideband channels afford greater flexibility in network design and use. Two-way transmission may be divided between remote and base frequencies or by time division on the same channel. The buyer may also divide the blocks into narrower channels such as 6.25 or 12.5 kHz.

AMTS spectrum can be used for broadcast or two-way; mobile or fixed; data, voice or video. Maximum downlink power is 1000 Watts ERP and maximum uplink power is 50 Watts ERP which provides for long range and high reliability. Networks may employ point-to-point, point-multipoint (tall site) and/or cellular architectures.

Equipment for the band is made by Meteorcomm <http://meteorcomm.com>, Ondas Networks www.ondas.com, GE Grid Solutions <https://www.gegridsolutions.com>, 4RF www.4rf.com, Cambium <http://www.cambiumnetworks.com>, XetaWave www.xetawave.com, Alligator Communications www.alligatorcom.com, CalAmp <http://www.calamp.com>, Tait Communications www.taitradio.com and Hytera www.hytera.com. The band is also compatible with a new IEEE wireless standard – 802.16s “GRIDMAN”. This high reliability standard is intended for use by utilities and other critical infrastructure operators. Most of the licenses are valid through 2025 when they may be renewed for a small administrative fee.

Basic information about key markets in the overall offering is shown below. In many locations, both the A and B channel block AMTS licenses are available for purchase:

Market Code	Market	Block	2019 POPs	2019 MHz POPs	Market Code	Market	Block	2019 POPs	2019 MHz POPs
AMT001	North Atlantic	A	38,160,337	33,258,218	AMT007	North Pacific	A	4,707,774	4,663,537
AMT001	North Atlantic	B	32,413,013	28,460,784	AMT007	North Pacific	B	7,580,641	5,724,834
AMT002	Mid-Atlantic	B	37,255,663	29,983,270	AMT008	Hawaii	A	1,415,872	1,345,078
AMT003	South Atlantic	A	37,485,842	19,883,146	AMT008	Hawaii	B	1,415,872	1,345,078
AMT003	South Atlantic	B	34,292,148	33,434,844	AMT009	Alaska	A	731,545	713,256
AMT004	Mississippi River	B	75,922,026	71,379,634	AMT009	Alaska	B	731,545	713,256
AMT005	Great Lakes	B	32,475,372	30,737,605	AMT010	Mountains	B	25,068,405	24,371,697
AMT006	South Pacific	B	15,720,136	14,934,129	Total	10 Markets	A/B	275,965,175	300,948,368