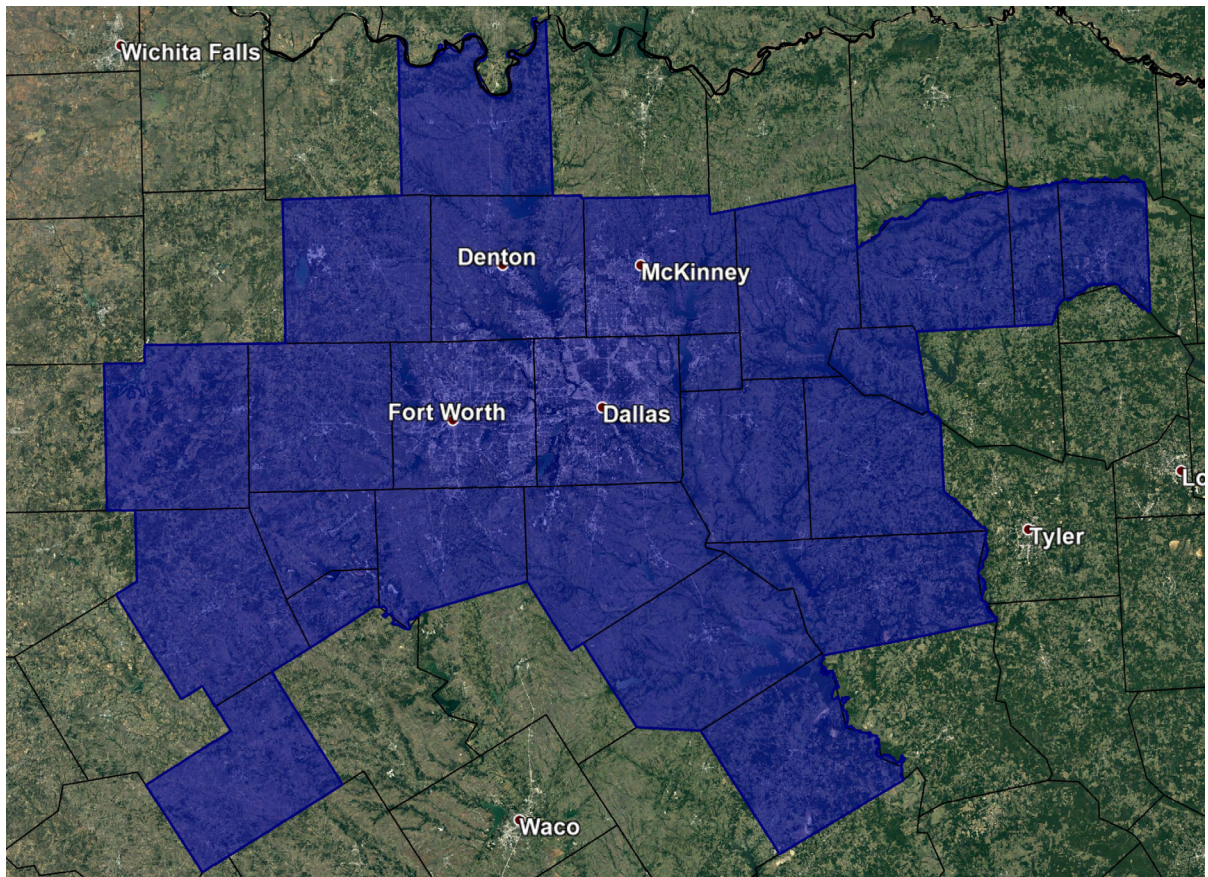


Wireless Spectrum Licenses in the LMDS 29/31 GHz Band Ideal for Fixed High-Speed Data Applications Available in the Dallas-Fort Worth Major Metropolitan Area

Select Spectrum, on behalf of our client, is offering one **Local Multipoint Distribution Service (LMDS) area-based 31 GHz FCC spectrum license** located across the Dallas-Fort Worth major metropolitan area. The license, an LMDS B Block frequency, covers the entirety of Basic Trading Area (BTA) 101, which consists of 25 counties, including Dallas, Tarrant, Denton, and Collin counties, covering a total population of over 8.1 million people.

Available LMDS license coverage is shown in the map below.



The LMDS band is integral to deployments supporting applications in small-cell & mobile backhaul, “last-mile” fixed broadband internet for enhanced enterprise access, and other developing technologies. LMDS, and other millimeter wave (“mmWave”) spectrum, is presently held and/or in use by national carriers, innovative wireless companies, and many regional telecom companies for high-speed fixed data networks.

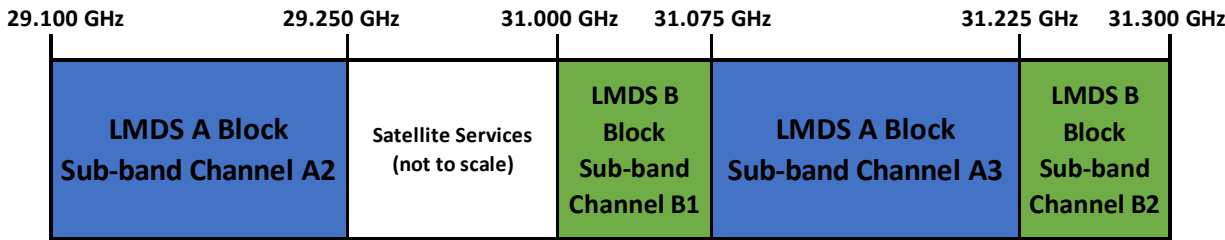
Contact: Andreas Bitzarakis, andreas@selectspectrum.com, (571) 287- 8723

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

The **Local Multipoint Distribution Service (LMDS)** band was made available by the FCC via Auction 17 in 1998, which sought to dedicate licensed spectrum for “wireless fiber”, supporting high-speed data connections.

The current LMDS band plan, which is subject to Part 101 rules, consists of two channel blocks, the A Block and B Block, with each block being partitioned into two distinct sub-band channels. The A Block offers channels A2 and A3, each 150 MHz wide for a total of 300 MHz of capacity; the B Block offers channels B1 and B2, each 75 MHz wide for a total of 150 MHz of capacity.

The A Block is shown in blue and the B Block is shown in green, below:



Originally, the LMDS band consisted of an additional A Block sub-band channel, A1, which contained 850 MHz of spectrum situated in “28 GHz band” between 27.500 – 28.350 GHz. In response to the increasing demand for additional microwave spectrum, primarily aimed at fixed/mobile 5G applications that require significant amounts of bandwidth to support superior speeds of > 1.0 Gbps with lower latencies, the FCC disaggregated the A1 channel and reassigned it to be a part of the new Upper Microwave Flexible Use License, “UMFUS”, designation. The disaggregated portion has been converted to a new county-based licensing regime, offering two 425 MHz sized blocks (Blocks L1, L2), with remaining FCC held licenses being assigned via Auction 101, which concluded on January 24, 2019.

The LMDS licensed spectrum has been selected by companies such as [GeoLinks](#) and [Etheric Networks](#) to be leveraged for ISP-based applications and services.

Equipment for the band to support P2P & PMP and Full Division Duplex (FDD) paired & Time Division Duplex (TDD) unpaired deployments are permitted in the band and have supporting equipment made by SAF Tehnika www.saftehnika.com, Cambridge Broadband Networks www.cbnl.com, Cambium Networks www.cambiumnetworks.com, and others.

Please inquire for more information.