

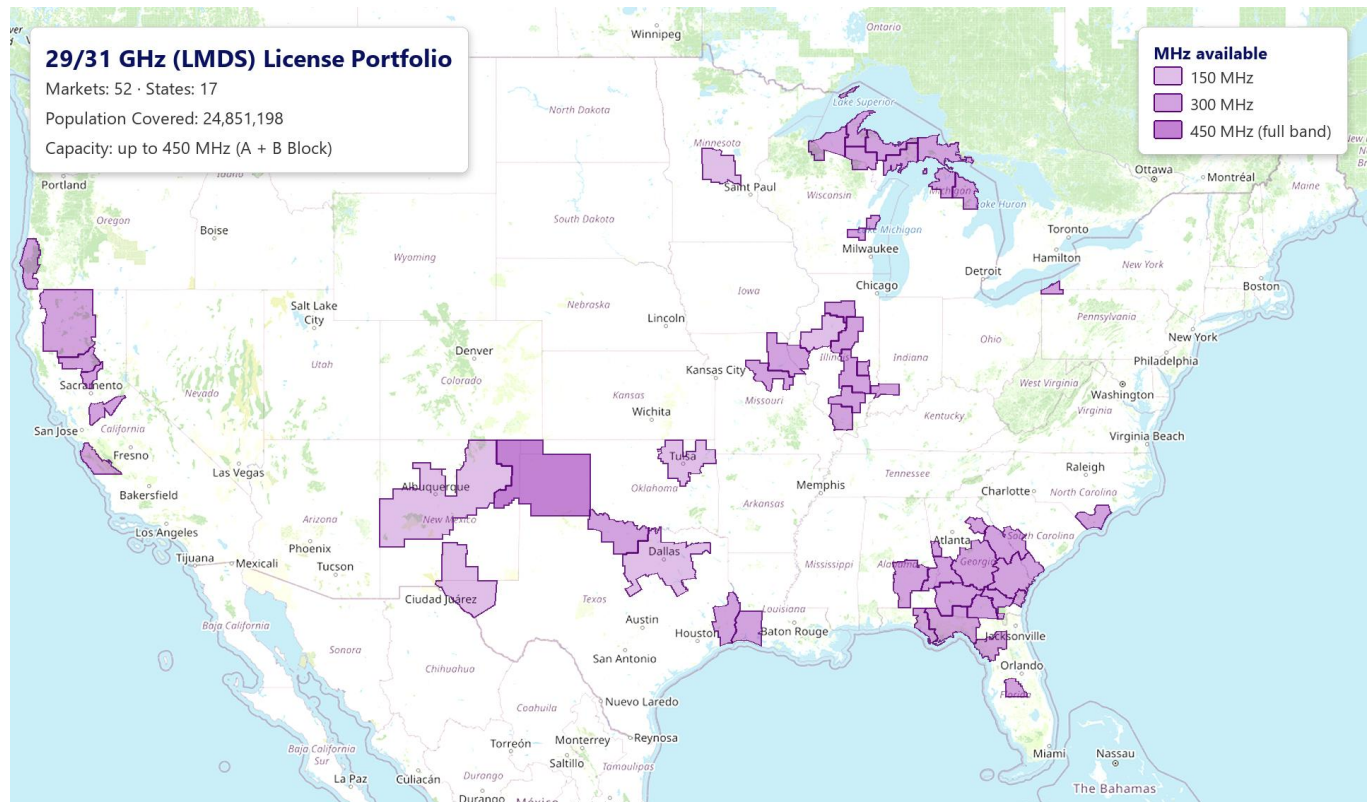


Wireless Spectrum Licenses in the LMDS 29/31 GHz Band Ideal for Fixed High-Speed Data Applications Available in 52 Markets Across 17 States

Select Spectrum, on behalf of our clients, is offering 53 Local Multipoint Distribution Service (LMDS) area-based FCC spectrum licenses across 52 Basic Trading Area (BTA) markets in 17 states — including Dallas-Fort Worth, Tulsa, Albuquerque, and Savannah — covering a combined population of nearly 25 million people. A Block licenses provide 300 MHz of capacity and B Block licenses provide 150 MHz of capacity.

Available LMDS license coverage is shown in the map below.

29/31 GHz (LMDS) License Portfolio



Source: Select Spectrum — Spectrum Search data, August 2026 · Basemap © OpenStreetMap contributors

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 LMDS band is integral to deployments supporting applications in small-cell and 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.

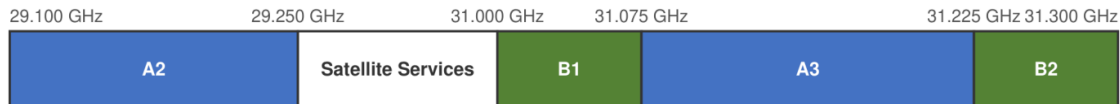
Why 29/31 GHz

Bandwidth few bands can match. A Block licenses carry 300 MHz of capacity — channel widths sized for backhaul, enterprise access, and point-to-multipoint networks that need real throughput headroom.

Coast-to-coast scale. 52 BTA markets across 17 states, from California and Oregon to Georgia, Florida, and North Carolina, with 46 of the 52 carrying the full 300 MHz A Block.

Purchase or lease. Licenses may be acquired outright or leased to match deployment plans and capital budgets, and markets may be taken individually or as a package.

The current LMDS band plan, subject to Part 101 rules, consists of two channel blocks partitioned into sub-band channels: the A Block offers channels A2 and A3, each 150 MHz wide (300 MHz total); the B Block offers channels B1 and B2, each 75 MHz wide (150 MHz total). The A Block is shown in blue and the B Block in green:



The LMDS licensed spectrum has been selected by companies such as GeoLinks and Etheric Networks for ISP-based applications and services. Equipment supporting P2P and PMP and Frequency Division Duplex (FDD) paired and Time Division Duplex (TDD) unpaired deployments is permitted in the band, with supporting equipment made by Intracom Telecom (www.intracom-telecom.com), SAF Tehnika (www.saftehnika.com), Cambridge Broadband Networks Group (www.cbng.co.uk), Cambium Networks (www.cambiumnetworks.com), and others.

Originally, the LMDS band included an additional A Block sub-band channel, A1, which contained 850 MHz of spectrum between 27.500 and 28.350 GHz. In response to demand for additional microwave spectrum aimed at fixed and mobile 5G applications, the FCC disaggregated the A1 channel and reassigned it to the Upper Microwave Flexible Use Service (UMFUS) designation under a county-based licensing regime offering two 425 MHz blocks (Blocks L1 and L2), with remaining FCC-held licenses assigned via Auction 101, which concluded on January 24, 2019. The A2, A3, B1

Largest markets by population:

Market (BTA)	MHz	Population	Market (BTA)	MHz	Population
Dallas-Fort Worth	150	8,133,341	El Paso	150	938,892
Tulsa	150	1,108,877	Stockton	300	824,512
Albuquerque	150	1,012,752	Macon-Warner Robins	300	733,569
Savannah	300	982,228	Lakeland-Winter Haven	300	725,041

Portfolio summary by state:

State	Lic.	Markets	Population	State	Lic.	Markets	Population
Alabama	1	1	518,757	Missouri	2	2	438,599
California	5	5	1,993,473	New Mexico	1	1	1,012,752
Florida	4	4	1,937,365	North Carolina	1	1	473,232
Georgia	10	10	3,935,984	Oklahoma	1	1	1,108,877
Illinois	7	7	1,462,006	Oregon	1	1	88,376
Indiana	1	1	94,766	Pennsylvania	1	1	270,869
Louisiana	1	1	313,953	Texas	6	5	10,199,718
Michigan	8	8	460,832	Wisconsin	2	2	185,512
Minnesota	1	1	356,127				
Total	53	52	24,851,198				

Availability varies by geographic location. Please inquire today for more information.