

T-Mobile Lights Up World's First 600 MHz LTE Network at Breakneck Pace

August 16, 2017



Fresh off sweeping the awards in OpenSignal's comprehensive wireless network study, T-Mobile is already making America's best unlimited network better by starting to light up new 600 MHz spectrum, accelerating network expansion in rural America

Bellevue, Washington — August 16, 2017 — Damn that was fast. T-Mobile (NASDAQ: TMUS (<http://www.t-mobile.com/>)) today announced it has begun lighting up its new 600 MHz LTE network — leveraging the massive haul of super-premium low-band spectrum (<https://newsroom.t-mobile.com/news-and-blogs/tmobile-spectrum-auction-win.htm>) won in the government broadcast incentive auction concluded earlier this year. The announcement comes only two months after the Un-carrier received its spectrum licenses (<https://newsroom.t-mobile.com/news-and-blogs/t-mobiles-new-600-mhz-network-rollout-begins-this-summer.htm>) from the FCC. T-Mobile's first 600 MHz LTE network sites — the very first in the world — were just switched on in Cheyenne, Wyoming using Nokia equipment. Starting in rural America and other markets where the spectrum is clear of broadcasting today, T-Mobile plans to deploy the new super-spectrum at record-shattering pace — compressing what would normally be a two-year process from auction to consumer availability into a short six months.

T-Mobile today also shared additional details of its 600 MHz LTE network rollout. This year alone, additional 600 MHz sites are slated for locations including Wyoming, Northwest Oregon, West Texas, Southwest Kansas, the Oklahoma panhandle, Western North Dakota, Maine, Coastal North Carolina, Central Pennsylvania, Central Virginia and Eastern Washington. Those deployments and other network upgrades will help the Un-carrier increase total LTE coverage from 315 million Americans today to 321 million by year's end.

"Earlier this month, wireless customers coast to coast proved T-Mobile already delivers America's best unlimited network. We swept the competition in OpenSignal's report on all counts—a global industry first. And that was before we started lighting up the world's first 600 MHz LTE network," said John Legere, president and CEO of T-Mobile. "Buckle up, carriers. Because the Un-carrier's 600 MHz network just got real."

While the carriers struggle under the weight of unlimited on their crowded, congested networks, T-Mobile's new low-band spectrum is wide-open road for Un-carrier customers once cleared. And, the result will be more wireless choice and competition for rural Americans and an even better experience for existing T-Mobile customers.

To meet this aggressive timeline for getting this super-spectrum into customers' hands, T-Mobile has been coordinating closely with the infrastructure providers, chipset makers and device manufacturers to bring 600 MHz LTE to customers at breakneck speed. Nokia and Qualcomm have launched new technology, and both Samsung and LG plan to launch phones that tap into this new spectrum in the fourth quarter of this year.

T-Mobile is also working closely with the FCC and broadcasters like PBS (<http://www.pbs.org/about/blogs/news/public-television-joins-forces-with-t-mobile-to-preserve->

<https://newsroom.t-mobile.com/news-and-blogs/cheyenne-600-mhz.htm>

access-to-public-television-for-millions-in-rural-america/) to clear the spectrum in record time, investing where necessary to preserve programming consumers care about while paving the way for new wireless coverage and competition for consumers.

"This team broke every record in the books with the speed of our 700 MHz LTE deployment, and we're doing it again. T-Mobile is effectively executing in six months what would normally be a two-year process," said Neville Ray, Chief Technology Officer for T-Mobile. "We won't stop ... and we won't slow down!"

"To work with T-Mobile in lighting up the world's first 600 MHz LTE network is a momentous achievement," said Rajeev Suri, President and Chief Executive Officer of Nokia. "We knew this spectrum would be key for covering wide areas, providing bandwidth in hard-to-reach places, augmenting capacity and improving data speeds, so we began testing and readying 600 MHz network infrastructure equipment and software long before the incentive auction was over."

T-Mobile has doubled its LTE coverage since 2015, and its newly acquired premium low band spectrum will broaden its LTE footprint even further — and lay the foundation for the country's first nationwide 5G network (<https://newsroom.t-mobile.com/news-and-blogs/nationwide-5g-blog.htm>). The Un-carrier owns a whopping average of 31 MHz of 600 MHz spectrum licenses that can cover every single American across the nation with low band spectrum that reaches twice as far and is four times better in buildings than mid-band.

To learn more about T-Mobile's network, please visit: www.t-mobile.com/coverage (<http://www.t-mobile.com/coverage>) .

Forward-Looking Statements

This news release includes "forward-looking statements" within the meaning of the U.S. federal securities laws. Any statements made herein that are not statements of historical fact, including statements about T-Mobile US, Inc.'s plans, outlook, beliefs, opinions, projections, strategy, deployment of spectrum, expected network expansion, coverage and modernization and availability of certain phones, are forward-looking statements. Generally, forward-looking statements may be identified by words such as "anticipate," "expect," "suggests," "plan," "project," "believe," "intend," "estimates," "targets," "views," "may," "will," "forecast," and other similar expressions. The forward-looking statements speak only as of the date made, are based on current assumptions and expectations, and involve a number of risks and uncertainties. Important factors that could affect future results and cause those results to differ materially from those expressed in the forward-looking statements include, among others, the following: adverse economic or political conditions in the U.S. and international markets; competition in the wireless services market, including new competitors entering the industry as technologies converge; the effects any future merger or acquisition involving us, as well as the effects of mergers or acquisitions in the technology, media and telecommunications industry; challenges in implementing our business strategies or funding our wireless operations, including payment for additional spectrum or network upgrades; the possibility that we may be unable to renew our spectrum licenses on attractive terms or acquire new spectrum licenses at reasonable costs and terms; difficulties in managing growth in wireless data services, including network quality; material changes in available technology; the timing, scope and financial impact of our deployment of advanced network and business technologies; the impact on our networks and business from major technology equipment failures; breaches of our and/or our third party vendors' networks, information technology and data security; natural disasters, terrorist attacks or similar incidents; existing or future litigation; any changes in the regulatory environments in which we operate, including any increase in restrictions on the ability to operate our networks; any disruption or failure of our third parties' or key suppliers' provisioning of products or services; material adverse changes in labor matters, including labor campaigns, negotiations or additional organizing activity, and any resulting financial, operational and/or reputational impact; the ability to make payments on our debt or to repay our existing indebtedness when due; adverse change in the ratings of our debt securities or adverse conditions in the credit markets; and other risks described in our filings with the Securities and Exchange Commission, including those described in our most recently filed Annual Report on Form 10-K. You should not place undue reliance on these forward-looking statements. We do not undertake to update forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

About T-Mobile US, Inc.

As America's Un-carrier, T-Mobile US, Inc. (NASDAQ: TMUS) is redefining the way consumers and businesses buy wireless services through leading product and service innovation. Our advanced nationwide 4G LTE network delivers outstanding wireless experiences to 69.6 million customers who are unwilling to compromise on quality and value. Based in Bellevue, Washington, T-Mobile US provides services through its subsidiaries and operates its flagship brands, T-Mobile and MetroPCS. For more information, please visit <http://www.t-mobile.com> (<http://www.t-mobile.com/>) .

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