

Curation Edge - Sample Report

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Daily Briefing

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Product

Verizon has [introduced a new Fixed Wireless Access \(FWA\) gateway for its Home Internet service](#), designed to provide better coverage, improved upload speeds, and stronger signal strength. This next-generation gateway, manufactured by Taiwanese OEM WNC, is the first Verizon FWA device to offer Wi-Fi 6E Tri-Band, allowing it to support multiple Wi-Fi bands and Verizon's LTE and C-Band spectrum holdings. However, it does not support mmWave spectrum, which is used in urban areas for Verizon's 5G Home Internet service.

Source: Fierce Wireless

Competition

Iridium Communications Inc. [has introduced the Iridium GO! exec Premium Dual Mode and LITE Antenna Kits](#), designed for fixed-install applications. These kits are intended to enhance the use of the Iridium GO! exec device in various settings, including in-cabin, below deck, or in-vehicle on-the-move, both on land and at sea.

Source: Sat News

Technologies'

The increasing number of space launches, including missions to explore Mars, monitor air traffic, and study outer planets, [has led to a demand for specialized power supplies for launch vehicles](#) and deep space missions. US-based company VPT has been providing high-reliability power converters, EMI filters, and other accessories for space programs for over 25 years. Their products have been used in various innovative space missions, such as the next-generation GPS satellites, Aireon's global air traffic monitoring system, NASA's Mars Perseverance rover, and the European Space Agency's Jupiter Icy Moons Explorer (JUICE) mission.

Source: Army Technology

Mynaric has been chosen by the Space Development Agency (SDA) to [contribute to an optical ground terminal demonstration](#). The project, scheduled for 2025, aims to showcase the successful connection between various space-based optical communications terminals (OCTs) and an optical ground station developed by Mynaric. The goal is to gather data and insights from these connections, serving as risk reduction for future demonstrations focused on communications between the optical ground station and the Tranche 0 Transport Layer Space Vehicles.

Source: Sat News

Qualcomm Technologies has [received approval from Canadian authorities to become the world's first Automated Frequency Coordination \(AFC\) system operator](#) approved for commercial operation. The designation allows Qualcomm's AFC system to operate in Canada, enabling high-power devices in the 6 GHz band for Wi-Fi. This solution supports location-based power optimization for 6 GHz transmission and includes an access point agent and cloud system to ensure interoperability across 6 GHz network deployments.

Source: Fierce Wireless

Rocket Lab successfully [launched its Electron rocket on the "We Love the Nightlife" mission](#), deploying a Capella Space radar imaging satellite into orbit. This launch marked a significant milestone for Rocket Lab as it reflown an engine on the Electron rocket, taking a step closer to reusing the entire booster.

Source: Fierce Wireless

Market

In this episode of the Business Day Spotlight podcast, [host Mudiwa Gavaza discusses developments in satellite internet access with David Eurin](#), the CEO of Liquid Dataport, a unit of Liquid Intelligent Technologies. Eurin discusses the telecoms infrastructure and capital allocation strategy of the group, highlighting the growth potential in satellite internet access, particularly in remote and underserved areas where satellite connectivity is often more cost-effective and reliable than traditional forms of access like fibre. The debate over the altitude of satellites and its impact on service quality is also explored, with a focus on the emergence of low orbiting satellites like Elon Musk's Starlink. The podcast covers Liquid Dataport's business model and the evolving landscape of satellite connectivity.

Source: Business Live

Despite recent struggles in the space stock market, [long-term potential remains for investors as the industry could become a trillion-dollar business](#), with companies like Lockheed Martin, Rocket Lab, and Iridium Communications offering strong prospects. Lockheed Martin's diversified aerospace and defense business, Rocket Lab's steady growth and innovation in hypersonic flight, and Iridium's impressive returns and buyback program make them attractive options for investors looking to capitalize on the evolving space sector.

Source: Business Insider

Rogers Communications, a Canadian telecommunications company, [has launched its 5G wireless service for its customers in core parts of Toronto's downtown subway network](#). The company has also upgraded the cellular network to provide all subway riders with more reliable access to 911 services in the same areas. Rogers aims to expand its 5G network across the entire subway system, and it plans to launch in nine states before the end of the year. Bell and Telus left out for now.

Source: CBC Ca

Industry experts are predicting that US mobile operators will [increase their investments in small cell deployments to improve coverage gaps](#) and enhance capacity in their 5G networks. As 5G macro networks are largely deployed, attention is shifting to small cells to address coverage issues and capacity demands. While small cell deployments saw a 13% increase in 2022 compared to 2021, the Small Cell Forum anticipates a 15% growth globally in 2023.

Source: Fierce Wireless

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