

Gilat Demonstrates 5G NTN End-to-End Connectivity over GEO Satellite

Milestone validates VSAT and Hub standardized 3GPP-Compliant 5G NTN technologies for satellite and mobile network operators



Petah Tikva, Israel, February 26, 2026 – Gilat Satellite Networks Ltd. (NASDAQ: GILT, TASE: GILT), a worldwide leader in satellite networking technology, solutions, and services, today announced the successful demonstration of 3GPP-compliant 5G Non-Terrestrial Network (NTN) connectivity over a Geostationary Earth Orbit (GEO) satellite.

The demonstration validated the delivery of end-to-end high performance standardized 5G NTN services over existing GEO satellite infrastructure, representing a significant step toward seamless terrestrial–non-terrestrial network integration. More specifically, the demonstration confirmed key 5G NTN capabilities required for GEO operation, including 5G NTN VSAT and Hub technologies, latency compensation and protocol optimizations, addressing one of the primary technical challenges of 5G NTN over GEO satellites.

For mobile network operators, this milestone demonstrates how 5G NTN can complement terrestrial networks, providing ubiquitous connectivity where traditional cellular coverage is unavailable or impractical.

“Our vision is to implement 3GPP standards for GEO, MEO and LEO orbits,” said **Aharon Mullokandov, Chief R&D Officer at Gilat**. “Satellite operators and mobile network operators will be able to expand coverage, improve resilience, and accelerate

service deployment. Gilat continues to advance its 5G NTN roadmap with further trials, ecosystem partnerships, and commercial solutions across GEO and non-GEO satellite environments.”

About Gilat

Gilat Satellite Networks Ltd. (NASDAQ: GILT, TASE: GILT) is a leading global provider of satellite-based broadband communications. With over 35 years of experience, we develop and deliver deep technology solutions for satellite, ground, and new space connectivity, offering next-generation solutions and services for critical connectivity across commercial and defense applications. We believe in the right of all people to be connected and are united in our resolution to provide communication solutions to all reaches of the world.

Together with our wholly owned subsidiaries Gilat Wavestream, Gilat DataPath, and Gilat Stellar Blu, we offer integrated, high-value solutions supporting multi-orbit constellations, Very High Throughput Satellites (VHTS), and Software-Defined Satellites (SDS) via our Commercial and Defense Divisions. Our comprehensive portfolio is comprised of a software-defined platform and modems, high-performance satellite terminals, advanced Satellite On-the-Move (SOTM) antennas and ESAs, highly efficient, high-power Solid State Power Amplifiers (SSPA) and Block Upconverters (BUC) and includes integrated ground systems for commercial and defense markets, field services, network management software, and cybersecurity services.

Gilat’s products and tailored solutions support multiple applications including government and defense, IFC and mobility, cellular backhaul, enterprise, aerospace and critical infrastructure clients all while meeting the most stringent service level requirements. For more information, please visit: <http://www.gilat.com>

Certain statements made herein that are not historical are forward-looking within the meaning of the Private Securities Litigation Reform Act of 1995. The words “estimate”, “project”, “intend”, “expect”, “believe” and similar expressions are intended to identify forward-looking statements. These forward-looking statements involve known and unknown risks and uncertainties. Many factors could cause the actual results, performance or achievements of Gilat to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements, including, among others, changes in general economic and business conditions, inability to maintain market acceptance to Gilat’s products, inability to timely develop and introduce new technologies, products and applications, rapid changes in the market for Gilat’s products, loss of market share and pressure on prices resulting from competition, introduction of competing products by other companies, inability to manage growth and expansion, loss of key OEM partners, inability to attract and retain qualified personnel, inability to protect the Company’s proprietary technology and risks associated with Gilat’s international operations and its location in Israel. For additional information regarding these and other risks and uncertainties associated with Gilat’s business, reference is made to Gilat’s reports filed from time to time with the Securities and Exchange Commission. We undertake no obligation to update or revise any forward-looking statements for any reason.

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