

PCCW Global and GalaxySpace complete LEO satellite tests in Hong Kong

Agreement signed at “LEO Satellite Network and Future Communications Forum” to strengthen strategic cooperation

HKT (SEHK: 6823) – HONG KONG, 29 April 2025 – PCCW Global, a leading international telecommunications service provider, and GalaxySpace, a leading private commercial space enterprise in mainland China, have recently completed tests on content transmission and communications using Low Earth Orbit (LEO) satellite technology, demonstrating a wide range of application scenarios.

Earlier this year, PCCW Global installed GalaxySpace’s first testing gateway station for LEO satellite broadband communication in Hong Kong. The two companies completed tests connecting the station to GalaxySpace’s experimental constellation of eight LEO communication satellites. The tests deployed high-speed, low-latency satellite connectivity for applications such as remote transmission of high-definition video and remote control of autonomous vehicles, which verified the feasibility and commercial potential of LEO satellite communication technology. Using end-to-end satellite-to-ground communication in the Q/V and Ka bands of LEO broadband satellites, the two parties also completed on-orbit testing at a bidirectional speed of 100Mbps, enabling high-quality, smooth and uninterrupted satellite internet video calls using mobile phones and smart devices.

In September last year, PCCW Global and GalaxySpace signed a memorandum of understanding to explore the collaborative provision of LEO satellite services. Today, at the “LEO Satellite Network and Future Communications Forum” they co-hosted in Hong Kong, the two parties signed a strategic collaboration framework agreement, marking a significant step in deepening their collaboration in global LEO satellite service deployment. PCCW Global will leverage its extensive network coverage and infrastructure which, combined with GalaxySpace’s cutting-edge technology, will further expand LEO satellite services in Hong Kong and Belt and Road countries.

Frederick Chui, CEO, PCCW Global, said, "PCCW Global's extensive network infrastructure, spanning the Americas, Europe, Africa, the Middle East and Asia, is an indispensable part of the development of new-generation LEO satellite communication systems. By integrating PCCW Global's network platform with cutting-edge LEO satellite technology, we provide high-speed, low-latency and seamless network connections to support innovative technology applications in Hong Kong and globally."

Xu Ming, Founder, Chairman and CEO of GalaxySpace, said, "GalaxySpace is a leading satellite manufacturer and satellite internet solution provider, with the capability to produce over 100 satellites annually. We have established China’s first LEO broadband communication test network and completed multiple first-of-its-kind

domestic and international communication validation tests, and have already expanded overseas as a new quality productive force. Commercial space is becoming an important force in the development of the space industry, and LEO satellite networks are a key component of the new 6G era. As a leading commercial space enterprise, GalaxySpace looks forward to further exchanges with various sectors in Hong Kong, leveraging our strengths in technological innovation to promote the cultivation of the space industry ecosystem in Hong Kong, and to help Hong Kong develop into an international centre for innovation and technology."

At the forum, four experts from PCCW Global, GalaxySpace, the Hong Kong Applied Science and Technology Research Institute (ASTRI) and HKT discussed the prospects and collaboration opportunities for the development of LEO satellite communications. They noted that Hong Kong's geographical advantages, application scenarios, research foundation and policy support contribute to its development as a hub for the verification and industrialisation of global LEO satellite technology. Through collaboration, local enterprises and leading mainland companies will be able to provide more efficient and low-latency satellite network services for users in the Asia-Pacific region and globally. At the same time, by investing in the research and development of next-generation communication technology standards and LEO satellite applications, Hong Kong can promote its innovation and technology development, advancing the planning for China's strategic emerging industries.

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About PCCW Global

PCCW Global is a leading international communications service provider, offering the latest mobility, voice and data solutions to multinational enterprises, telecommunications partners, cloud and application service providers. With a network footprint reaching over 3,000 cities in 160+ countries across five continents, our truly global coverage combined with local on-the-ground knowledge has helped us build best-in-class global connections linking Africa, the Americas, Asia Pacific, Europe and the Middle East. Our network supports a portfolio of integrated communications services including connectivity, applications, and tailored solutions integrated and orchestrated by the Console Connect on-demand digital Software Defined Interconnection® platform, one of the first global platforms to fully automate switching and routing of all communications for seamless interconnection.

To learn more about PCCW Global, please visit www.pccwglobal.com.

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