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News Release

AGC Has Two Products Selected for CES Innovation Awards® 2027

― Glass Noise Cancellation (GNC) Module Named Best of Innovation and Transparent 5G Glass Antenna Named Honoree ―

Tokyo, November 12, 2026—AGC (AGC Inc., Headquarters: Tokyo; President: Yoshinori Hirai) a world-leading manufacturer of glass, chemicals and other high-tech materials, announced today that two of its products have been selected for the CES Innovation Awards® 2027*1.

This year, the program received a record-high nearly 4,000 submissions across 37 categories. In the Travel & Tourism category, AGC's Glass Noise Cancellation (GNC) Module was named Best of Innovation, the highest distinction in the category, while its Transparent 5G Glass Antenna for High-Speed Rail was named an Honoree.

Glass Noise Cancellation (GNC) Module

Award: Best of Innovation

The Glass Noise Cancellation (GNC) Module is a next-generation active noise-control window module that actively reduces noise transmitted from outside without requiring headphones or other devices.

The module uses sensors to detect external noise. Small actuators integrated into the glass without obstructing the view generate minute vibrations that are out of phase with the noise, thereby canceling and reducing it. Demonstration testing confirmed a noise reduction of up to approximately 10 dB under test conditions, equivalent to reducing perceived loudness by approximately half.

AGC aims to apply the module in spaces where quietness is highly valued, including hotels, aircraft cabins and railway cabins. AGC will continue to conduct real-world testing and collaborate with partner companies toward future applications.

Aircraft Cabin with GNC



CES Innovation Awards®
Best of Innovation



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Transparent 5G Glass Antenna for High-Speed Rail

Award: Honoree

AGC's Transparent 5G Glass Antenna for High-Speed Rail has been adopted for the Wi-Fi service in Supreme Class, the premium-class seating on the N700S Tokaido Shinkansen. According to AGC research, this marks the world's first installation of this technology on a railway vehicle.*2

The solution integrates antenna functionality into the Shinkansen window glass to support connectivity during high-speed travel while maintaining the vehicle's design and passengers' view. By incorporating a 5G antenna function directly into the window, the solution reduces signal loss as radio waves enter the train and enables more stable communication between base stations along the railway line and Wi-Fi routers inside the Shinkansen.

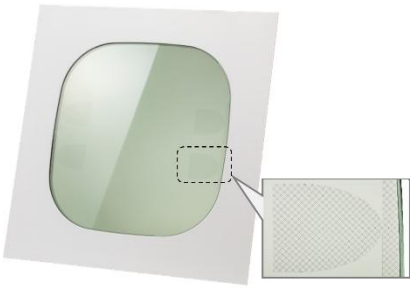
The antenna also meets the safety and durability requirements for Shinkansen window glass. Its antenna elements use fine mesh conductors, making the antenna less noticeable and preserving the view through the window. Because the window glass itself functions as an antenna, no protruding external antenna is required, helping maintain the aerodynamic performance required for high-speed rail.

AGC aims to expand the application of this technology to automobiles and other forms of mobility.

Tokaido Shinkansen N700S Supreme Class



Transparent 5G Glass Antenna



CES Innovation Awards® Honoree



AGC Creates New Value for Mobility and Travel

Under its medium-term management plan, ***AGC plus-2026***, the AGC Group has defined three social values to be created through its products and technologies: "Blue planet," "Innovation" and "Well-being." Under "Innovation," AGC aims to contribute to the creation of an innovative future society by providing materials and solutions that support cutting-edge technologies.

AGC will continue to add new functions to materials such as glass and develop products and technologies that create new value for the movement of people and goods and for the spaces they occupy, including improved connectivity and greater quietness and comfort. Through co-creation with partner companies, AGC will also contribute to the advancement and sustainable development of mobility, travel and other fields.

〈Notes〉

***1 CES Innovation Awards®**

The CES Innovation Awards® is a program organized by the Consumer Technology Association (CTA) that recognizes outstanding design and engineering in consumer technology products. "Best of Innovation" is awarded to the highest-rated product in each category among the Honorees. Judging is based on descriptive materials submitted to the judges in advance.

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CTA does not verify the accuracy of the submitted materials or claims made therein, nor does it test products selected for awards.
***2** Based on AGC research as of the end of October 2026.

〈Reference〉
CES Innovation Awards® CES Innovation Awards®

About the AGC Group
AGC Inc. is a global materials company operating across a wide range of products and industries. Founded in 1907 with flat glass production as its original business, AGC has expanded its operations in line with changing societal needs, providing materials and solutions based on its core material and production technologies. Today, the AGC Group operates in more than 30 countries and regions, with businesses spanning glass, electronics, chemicals, life science, and ceramics. Guided by its purpose, “AGC, an everyday essential part of our world,” the Group provides value to society through the pursuit of innovation.

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