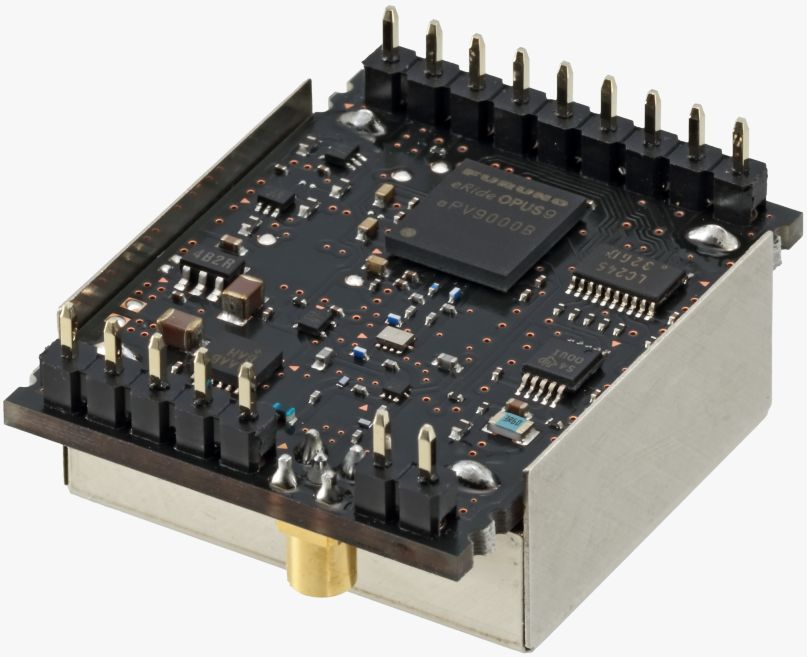
Furuno participating in Jammertest 2026, the world's largest GNSS resilience testing event





NISHINOMIYA, JAPAN, September 9, 2026 /EINPresswire.com/ -- We are delighted to announce that Furuno will participate in the world's largest GNSS testing event, "Jammertest 2026" to be held in Andøya, Norway, from September 14 to 18, 2026, marking our third consecutive participation since 2024.

About Jammertest 2026
This event is the world's largest testing initiative designed to verify resilience against GNSS vulnerabilities in real-world environments, ensuring the safety of critical infrastructure that supports society, such as aviation, maritime, telecommunications, and finance. It evaluates defense performance against radio interference, including jamming and spoofing*, and collects data that contributes to improving reliability. With the cooperation of Norway's road administration, telecommunications authority, defense research institutions, metrology services, space agencies, mapping authorities, and airport operators, multiple interference scenarios are provided, and participating companies expose their GNSS receivers to real-world conditions for testing.

Instances of jamming and spoofing have been widely and continuously detected in regions such as the Baltic Sea, the Black Sea, the Middle East, and the Arctic, driving a growing need to enhance resilience against GNSS vulnerabilities in critical infrastructure such as aviation,

maritime transportation, mobile communications, finance, and power grids, which depend on accurate position and timing information. In addition to detecting and avoiding interference, there is a growing need to strengthen resilience so that systems can maintain their functions when interference occurs and recover to normal operation after the interference has ended.

Prior to participating in this event, tests were conducted in experimental environments by generating simulated jamming and spoofing signals. However, conducting robustness tests under real-world conditions to verify and improve interference mitigation functions is considered ideal.

□About the resilience tests conducted by Furuno
Furuno has continuously participated in this event since 2024, working to improve the resilience of its GNSS receivers. At “Jammertest 2024,” Furuno used the timing multi-GNSS receiver module, GT-100, to grasp its basic behavior under jamming and spoofing conditions. At “Jammertest 2025,” Furuno used an enhanced version of the GT-100 incorporating the results obtained in 2024 and verified the effectiveness of its resilience algorithms under complex interference conditions.
Building on these results, Furuno will conduct more advanced resilience evaluations at Jammertest 2026 using the GF-100 Series dual-band GNSS disciplined oscillator, scheduled for release in November 2026.

The GF-100 Series adopts a Defense in Depth approach, providing protection against a wide range of threats to GNSS reception through L1/L5 dual-band reception, automatic detection and exclusion of abnormal satellite signals, and GNSS signal authentication. Furthermore, when the GF-100 Series detects the effects of jamming or spoofing on all bands, Proactive Holdover automatically disengages from GNSS signals and switches to holdover using the built-in oscillator. This enables the GF-100 Series to continue providing stable time and frequency outputs while avoiding the effects of abnormal GNSS signals.

These tests aim to verify that Furuno's GF-100 correctly detects and excludes abnormal signals, transitions to Proactive Holdover, and recovers once interference ends under conditions close to real-world operations. Furuno will use the data obtained through the tests for future product improvements and contribute to the stable operation and further improved reliability of critical infrastructure that depends on GNSS.

□Verification of QZSS "Michibiki" signals under interference conditions
Commissioned by the Cabinet Office, Government of Japan, Furuno will conduct verification of the signals of the Quasi-Zenith Satellite System (QZSS), nicknamed "Michibiki," under jamming and spoofing conditions. Under various interference scenarios provided in an outdoor, real-world environment, Furuno will assess the reception status of the QZSS signals and the effects of interference, and data that will contribute to improving the future reliability of the QZSS will be collected.
For this verification, Furuno engineers will operate the test equipment and collect data, drawing

on their accumulated knowledge of GNSS receiver resilience evaluations and field testing operations.

Event overview
Official name of the event: Jammertest 2026
Event dates: September 14 -18, 2026
Location: Andøya, Norway
Official website: https://jammertest.no/

Products tested
Dual-Band GNSS Disciplined Oscillator GF-100 Series
https://www.furuno.com/en/products/gnss-timing/gf-100/index.html
Multi-GNSS Timing Antennas AU-500
https://www.furuno.com/en/products/gnss-antenna/au-500/index.html

* Jamming and Spoofing: Jamming means radio waves that interfere with GNSS signals. Spoofing means that malicious actors intentionally mimic and broadcast GNSS-like signals with the intent to trick nearby GNSS receivers into calculating incorrect position and/or time.

Related Links
Announced on June 29, 2026: Furuno to launch the GF-100 Series dual-band GNSS Disciplined Oscillators
https://www.furuno.co.jp/en/news/general/general_category.html?itemid=1834&dispmid=961

Announced on September 10, 2025: Furuno participating in Jammertest 2025, the world's largest GNSS resilience testing event
https://www.furuno.co.jp/en/news/general/general_category.html?itemid=1701&dispmid=961

Announced on May 16, 2023: Furuno Announces High-Performance Multi-GNSS Timing Antennas

https://www.furuno.co.jp/en/news/general/general_category.html?itemid=1320&dispmid=961

Marketing Section
System Products Division
+81 798-33-7517
email us here

This press release can be viewed online at: https://www.einpresswire.com/article/940462416

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.