

New GLONASS Signal Tracking Capability for Topcon

Topcon Positioning Group has announced its NET-G5 GNSS reference receiver, capable of tracking a new signal from the GLONASS constellation. The GLONASS-M 55 satellite was launched in June 2014 and is equipped with the experimental payload capable of transmitting signals in the L3 frequency band. Engineers successfully tracked the signal with the NET-G5 receiver during a series of recent tests at the Topcon Technology Center in Moscow, Russia.

The use of signals in L3 band alongside L1 and L2 bands is expected to further enhance the competitiveness of the GLONASS system.

Using Vanguard and Universal Tracking technologies, the NET-G5 receiver incorporates 452-channels capable of tracking the full GNSS signal spectrum, including modernized GPS, GLONASS, Galileo, BeiDou, QZSS and SBAS signals.

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