

GNSS Autosteering Test Results

Public evidence summary / 2025 field test

WHAT THIS DOCUMENT IS

Towaytek prepared this independent summary from a third-party laboratory report. Towaytek confirms that the tested configuration corresponds to AG608. This is not the original report, a reproduction or a laboratory-issued certificate.

Test context

PRODUCT CLASS	Beidou agricultural machinery assisted-driving system
TEST BASIS	DG/T 157-2024
SAMPLE / DATE	One submitted sample; tested 14 May 2025; report issued 30 May 2025
ENVIRONMENT	21 C; 39% relative humidity
Testing institution:	北京市农林科学院智能装备技术研究中心

Measured results

Test item	Requirement	Result
Mean trajectory tracking error	≤ 2.5 cm	1.88 cm
Trajectory straightness precision	≤ 2.5 cm	1.98 cm
Mean adjacent-pass spacing error	≤ 2.5 cm	0.74 cm
Adjacent-pass spacing precision	≤ 2.5 cm	2.47 cm
Start-from-stop precision	≤ 2.5 cm	0.80 cm
RTK correction-outage tolerance duration	≥ 100 s	170 s

Interpretation and limits

The independent report concludes that the submitted sample met the tested requirements of DG/T 157-2024. The figures above are sample-specific results, not guaranteed performance across all machines, conditions or configurations.

The illustrated test runs are approximately 2.0-12.3 km/h. The source report does not verify the website's separate +/-1.5 cm guidance, 26 km/h maximum speed, 30-minute installation or 5-minute operator start statements. None of those claims should cite this summary as proof.

Supplier identity, source model and serial numbers, report identifiers and verification codes are omitted. The original laboratory report remains privately held and is not distributed as part of this public summary.