

ICS 33.030
CCS M21

YD

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YD/T 7036-2026

**High precision positioning for V2X application scenarios -
Technical requirements and testing methods for satellite
enhanced positioning technology**

面向车联网应用场景的高精度定位 卫星增强定位技术要求与测试方法
(English Translation)

Issued on: June 1, 2026

Implemented on: September 1, 2026

Issued by: Ministry of Industry and Information Technology

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Foreword

YD/T 7036-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.030; CCS M21.

1 Scope

YD/T 7036-2026 establishes the overall architecture of a satellite enhanced positioning system for vehicle-to-everything (V2X) application scenarios, specifies its functional requirements and performance requirements, and describes the corresponding test methods. The document applies to the development and testing of high-precision positioning systems for V2X application scenarios.

The standard is useful to developers of positioning systems and modules, connected vehicle equipment manufacturers, service providers and test laboratories that need to specify or verify satellite enhanced positioning for connected vehicles. It is a voluntary industry standard, as shown by the /T in its code. It was approved by the Ministry of Industry and Information Technology, issued on 1 June 2026 and takes effect on 1 September 2026. It is a new standard.