

ICS 07.060
CCS A47



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

GB/T 48112-2026

**Types and classification of GNSS radio occultation data
products**

GNSS掩星数据产品类型及分级
(English Translation)

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Foreword

GB/T 48112-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 December 2026.

It is under the responsibility of the China Meteorological Administration.

Classification: ICS 07.060; CCS A47.

1 Scope

This standard deals with the types and classification of GNSS radio occultation data products. Data from satellite signals crossing the atmosphere are processed into several kinds of products, and a clear classification allows providers and users to describe what each product contains and what processing level it has reached. The document is written for meteorological organizations, data distribution centers, satellite programs and researchers who generate or use such products.

It takes effect on 1 December 2026. The China Meteorological Administration is the responsible body. As a GB/T document, it is recommended and voluntary, and it is a newly issued classification scheme. It belongs with the companion documents on data format and quality inspection, and users who build data catalogs or services around occultation observations can use the classification to organize their offerings consistently.