Chinastandards.org

CCS A 47

QX

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

QX/T 775-2025

Test requirement of Doppler weather radar

多普勒天气雷达测试要求

(English Translation)

Issued on: August 6, 2025 **Implemented on: December 1, 2025**

Issued by: China Meteorological Administration

Preview: page 1 of 3 shown, full document available. Complete English PDF, instant download:
https://chinastandards.org/standards/qx-t-775-2025

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

1 Foreword

QX/T 775-2025 was issued by China Meteorological Administration on 6 August 2025.

It has been in force since 1 December 2025.

The QX/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

QX/T 775-2025 is filed under Chinese Standard Classification A 47, in the field of general, standardization and metrology.

This catalogue holds 448 other QX/T standards without an ICS number.

In this catalogue, QX/T standards carry edition years from 2001 to 2026.

Preview: page 2 of 3 shown, full document available. Complete English PDF, instant download:
https://chinastandards.org/standards/qx-t-775-2025

3 About this standard

Issued by: China Meteorological Administration

4 Related standards

Standards on related subjects:

GB/T 33679-2017 - Technical safety requirements of rocket production for rainfall enhancement and hail suppression

GB/T 33673-2017 - Grade of horizontal visibility

DZ/T 0175-2014 - Specifications for Geological Mapping of Coal (1:50000 1:25000 1:10000 1:5000)

QX/T 767-2025 - Technical requirements for Ka-band all-solid-state cloud radar/ceilometer

QX/T 766-2025 - Upper-air meteorological observation - Automatic balloon ascent system

QX/T 765-2025 - General requirements for package storage and transportation ofmeteorological observation equipments

5 Classification and status

Chinese Standard Classification (CCS): A 47

Prefix QX/T: recommended standard.

Preview: page 3 of 3 shown, full document available. Complete English PDF, instant download:
https://chinastandards.org/standards/qx-t-775-2025