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YD

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

YD/T 6791-2026

**Test methods for compact Slicing Packet Network (SPN)
equipment**

小型化切片分组网络（SPN）设备测试方法
(English Translation)

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Foreword

YD/T 6791-2026 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 15 April 2026, with effect from 1 August 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.040.20; CCS M30.

1 Scope

This document describes test methods for compact slicing packet network (SPN) equipment. The tests cover multi-service bearing capability, forwarding capability, QoS functions and performance, OAM functions, protection and recovery functions and performance, synchronization functions and performance, network control and management capability, equipment specifications and performance, voltage and operating environment, and interworking with the metro SPN NNI. It applies to testing of compact SPN equipment and networks.

Equipment manufacturers, telecom operators and test laboratories can use it to verify equipment before and during deployment. It is a voluntary industry standard (code with /T). It was approved by the Ministry of Industry and Information Technology, issued on 15 April 2026 and takes effect on 1 August 2026. It is a new standard.