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**YD**

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

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Replacing YD/T 1721.5-2007

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**2GHz TD-SCDMA digital cellular mobile telecommunication  
network. HSDPA physical layer technical requirement. Part 5:  
Physical layer procedure**

2GHz TD-SCDMA数字蜂窝移动通信网 高速下行分组接入 (HSDPA) Uu接口物理  
层技术要求 第5部分: 物理层过程

**(English Translation)**

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### What this standard covers

This standard specifies the 2GHz TD-SCDMA digital cellular mobile communication network speed downlink packet access (SDPA) Uu interface physical layer processes, including transmitter power control, uplink synchronization, the synchronization process, discontinuous transmission radio frame, downlink transmit diversity, the random access procedure, Node B synchronization through the air interface, using the downlink dummy cycle positioning method and process HS-DSCH. This standard applies to 2GHz TD-SCDMA digital cellular mobile communication network speed downlink packet access (HSDPA) Uu interface physical layer.

### Document data

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### Standards quoted by this document

YD/T 1721.2; YD/T 1721.3; YD/T 1721.4; YD/T 1722.1; YD/T 1723