

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

**YD/T 1139-2011**

Replacing YD/T 1139-2006

---

**Requirements and measurement methods of electromagnetic compatibility for  
900/1800MHz TDMA digital cellular telecommunications system. Part 2: base  
station and ancillary equipment**

900 1800MHz TDMA 数字蜂窝移动通信系统的电磁兼容性要求和测量方法 第2部  
分：基站及其辅助设备

**(English Translation)**

**Issued on: May 18, 2011**

**Implemented on: June 1, 2011**

---

**Issued by: Ministry of Industry and Information Technology**

## Table of Contents

|                                         |   |
|-----------------------------------------|---|
| What this standard covers .....         | 1 |
| Document data .....                     | 2 |
| Standards quoted by this document ..... | 3 |

### What this standard covers

This standard specifies the electromagnetic compatibility requirements and measurement methods for 900/1800MHz TDMA digital cellular system base station equipment and its auxiliary equipment. This standard is applicable to the 900/1800MHz TDMA digital cellular communication system for the transmission and reception of voice and domain data in the first, second and enhanced second phases (including GPRS) and EDGE phases, as well as GSM for other bands Technology of digital trunking systems for fixed or mobile base station wireless devices and their corresponding ancillary equipment (including base station controllers and repeaters, etc.).

### Document data

Chinese classification (CCS): L06.

Estimated length of the Chinese original: 32,377 words.

Adopted international standard: ITU-TK.43, EQV; ETSI EN301-489-1, NEQ; ETSI EN301-489-8, NEQ.

Supersedes the earlier edition YD/T 1139-2006.

### Standards quoted by this document

GB 9254-2008; GB/T 6113.1; GB/T 17626.2; GB/T 17626.3; GB/T 17626.4; GB/T 17626.5; GB/T 17626.6; GB/T 17626.11; GB 17625.1; GB 17625.2; GB/Z 17625.3; YD/T 1312.1; IEC 61000-3-4; ETSI EN 301 087; ETSI EN 300 609-4; 3GPP TS 51.021