

ICS 01.040.33
CCS M04

YD

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

YD/T 1312.12-2012

**Requirements and measurement methods of electromagnetic compatibility for
radio communication equipment. Part 12: fixed broadband wireless access
system basestation and its ancillary equipment**

无线通信设备电磁兼容性要求和测量方法 第12部分：固定宽带无线接入系统 基
站及其辅助设备

(English Translation)

Issued on: January 1, 2012

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1 Foreword

YD/T 1312.12-2012 is issued by Ministry of Industry and Information Technology.

It is one of 17 parts of the YD/T 1312 series.

2 Scope

This standard specifies the fixed broadband wireless access systems and auxiliary equipment base station electromagnetic compatibility (EMC) limits, performance criteria and measurement methods. It was issued by Ministry of Industry and Information Technology. It cites 19 other standards.

3 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

GB 9254

GB 18655

GB/T 17618

GB/T 6113.1

GB 17625.1

GB 17625.2

GB/Z 17625.3

GB/T 17626.2

GB/T 17626.3

GB/T 17626.4

GB/T 17626.5

GB/T 17626.6

GB/T 17626.8

GB/T 17626.11

GB/T 17626.29

GB/T 21437.2-2008

YD/T 1483

YD/T 1484

CISPR 16-1-4

4 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

5 Related standards

Other parts of this standard:

YD/T 1312.1-2025 - equipment - Part 1: Common technical requirements

YD/T 1312.2-2004 - Part 2: wideband radio equipment

YD/T 1312.3-2004 - Part 3: Private land Mobile Radio (PMR) and ancillary equipment (speech and non-speech)

YD/T 1312.4-2004 - Part 4: radio paging system

YD/T 1312.5-2004 - Part 5: Radio Frequency (RF) audio link equipment and wireless microphones

YD/T 1312.6-2004 - Part 6: available amateur radio equipment

YD/T 1312.7-2004 - Part 7: trucked radio (TETRA) equipment

YD/T 1312.9-2007 - Requirements and Measurement Methods of Electromagnetic Compatibility for Radio Communication Equipment. Part 9: 400/1800 MHz SDMA Radio Access System: User Equipment and Ancillary Equipment

YD/T 1312.10-2007 - Requirements and Measurement Methods of Electromagnetic Compatibility for Radio Communication Equipment. Part 10: 400/1800 MHz SDMA Radio

Access System: Base Station, Repeater, Base Station Controller and Ancillary Equipment

YD/T 1312.11-2026 - equipment - Part 11: Fixed broadband wireless access system user equipment and its ancillary equipment

YD/T 1312.13-2026 - equipment - Part 13: Power adapter of mobile telecommunication terminal equipment

YD/T 1312.14-2012 - Requirements and measurements methods of electromagnetic compatibility for radio communication equipment. Part 14: very small aperture terminal, satellite interactive earth stations (operated in the frequency ranges between 4GHz and 30GHz in the fixed sat

YD/T 1312.15-2026 - equipment - Part 15: Ultra wide band (UWB) communications devices

YD/T 1312.16-2015 - The wireless communication device electromagnetic compatibility requirements and measuring methods - Part 16: Mobile Satellite Communication System terminal earth stations

YD/T 1312.17-2023 - Electromagnetic compatibility requirements and measurement methods for wireless communication equipment - Part 17: Very low power active medical implantable devices and related peripheral equipment

YD/T 1312.21-2024 - for electromagnetic compatibility of wireless communication equipment - Part 21: S-band satellite communication terminals and their ancillary equipment

6 Classification and status

International classification (ICS): 01.040.33

Chinese Standard Classification (CCS): M04

Prefix YD/T: recommended standard.