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**Information technology - Telecommunications and information exchange between
systems - Local and metropolitan area networks - Specific requirements - Part 11:
Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications:
Further Higher Data Rate Extension in the 2.4 GHz Band**

信息技术 系统间远程通信和信息交换 局域网和城域网 特定要求 第11部分：无线
局域网媒体访问控制和物理层规范：2.4GHz频段更高数据速率扩展规范

(English Translation)

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Foreword

The Subclauses 6.4.1, 6.4.2, 6.4.3 and 6.4.7 of this Part are mandatory, while the rest are recommended.

This Part revised and adopted the international standard ISO/IEC 8802-11.2005/Amd4.2005

Information Technology - Telecommunications and Information Exchange between Systems -

Local and Metropolitan Area Networks - Specific Requirements - Part 11. Wireless LAN

Medium Access Control (MAC) and Physical Layer (PHY) Specifications. Further Higher Data

Rate Extension in the 2.4 GHz Band (2005 English Edition).

This Part is sub-item of GB 15629.11-2003 Information Technology - Telecommunications and

Information Exchange between Systems - Local and Metropolitan Area Networks - Specific

Requirements - Part 11. Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications. In addition to the further higher data rate extension in the 2.4 GHz Band

must comply with the provisions of this Part, the wireless LAN and other characteristics must

comply with the provisions of GB 15629.11-2003 Information Technology -

Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 11. Wireless LAN Medium Access Control (MAC)

and Physical Layer (PHY) Specifications, Clause 6 of GB 15629.1102-2003 Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements--Part 11. Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications. Higher-Speed Physical Layer Extension Specification in 2.4 GHz Band, as well as other national standard on the extension sub-items.

Compared with ISO/IEC 8802-11.2005/Amd4.2005, the major technical differences of this Part

are as follows. Add relevant Chinese contents in the Clauses and Annexes related to the radio emission.

For the ease of use, compared with ISO/IEC 8802-11.2005/Amd4.2005, the structure of this Part has made the editorial adjustments, which can be referred to in Annex NA. The Annex NA

lists the clause correspondence between this Part and GB 15629.11-2003.

In this Part, Annexes A, B, C and D are normative; while the Annex NA is informative.

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This Part shall be under the jurisdiction of China Electronics Standardization Institute.

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- Specific Requirements - Part 11. Wireless LAN Medium Access
Control (MAC) and Physical Layer (PHY) Specifications. Further
Higher Data Rate Extension in the 2.4 GHz Band

1 Scope

This Part specifies the high-performance extension specification of the physical layer of the direct sequence spread spectrum system (DSSS) wireless LAN, which is a modification to the

physical layer of the wireless LAN specified in Clause 15 of GB 15629.11-2003 and Clause 6

of GB 15629.1102-2003