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

GB/T 26230-2010

**Information technology -- Telecommunications and information
exchange between systems -- MAC-PHY Interface for wireless
high rate ultra-wideband**

信息技术 系统间远程通信和信息交换 无线高速率超宽带媒体访问控制和物理层
接口规范

(English Translation)

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Foreword

This revised standard adopts ISO/IEC 26908:2007-09 "Information technology - Telecommunications and information exchange between ISO/IEC 26907 the MAC-PHY interfaces. " the Standard and ISO/IEC 26908:2007 technical differences exist compared to the terms of these differences has been involved through its outer margin empty Singlet white vertical position (j) were marked.

This standard is based on GB/T 1.1-2000 and GB/T 20000.2-2001 drafted.

The Standard Appendix A, Appendix B is an informative annex.

This standard by the National Information Technology Standardization Technical Committee and centralized.

This standard drafting units. China Electronics Standardization Institute, HiSilicon Ltd., Southeast University, Beijing Posts and Telecommunications large Science, IWNCOMM Wireless Network Communication Co., Fudan University, Hong Kong Applied Science and Technology Institute.

1 Scope

This standard specifies the interface PHY layer and MAC layer GB/T 26229 stipulated in between.

This standard applies to fixed, portable and mobile devices, which mainly operate in the limited personal space (10m or so), to mention for transfer rate up to 480Mbit/s of.

2 Conformance

The PHY and MAC implementations GB/T 26229 by implementing the provisions of this standard interface to maintain this standard with a Consistent.

3 Normative References

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent all amendments (not including errata content) or revisions do not apply to this standard, however, encourage an agreement in accordance with this standard Whether the parties can study the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 26229-2010 Information technology - Telecommunications and information exchange between wireless high speed ultra-wideband MAC and physical layer specifications (ISO/IEC 26907:2007, MOD)

4 Terms and Definitions

Terms and definitions GB/T 26229-2010 defined apply to this standard.

5 Symbol Conventions

All floating-point values only take four decimal digits.

Exclamation point indicator signal before the signal is active low.

6 Acronyms

BM burst mode (BurstMode) CCA idle channel assessment (ClearChannelAssessment)
CRC Cyclic Redundancy Code (CyclicRedundancyCode) FCS Frame Check Sequence
(FrameCheckSequence) FFI fixed frequency interleaving (Fixed-FrequencyInterleaving)
FRC free running clock (FreeRunningClock) HCS header check sequence
(HeaderCheckSequence) LQI Link Quality Indicator (LinkQualityIndicator)