

INTERNATIONAL
STANDARD

ISO/IEC/
IEEE
8802-22

First edition
2015-05-01

AMENDMENT 1
2017-10

**Information technology —
Telecommunications and information
exchange between systems — Local
and metropolitan area networks —
Specific requirements —**

**Part 22:
Cognitive Wireless RAN Medium
Access Control (MAC) and Physical
Layer (PHY) Specifications: Policies
and Procedures for Operation in the
TV Bands**

**AMENDMENT 1: Management and
control plane interfaces and procedures
and enhancement to the management
information base (MIB)**

*Technologies de l'information — Télécommunications et échange
d'information entre systèmes — Réseaux locaux et métropolitains —
Exigences spécifiques —*

*Partie 22: Spécifications du contrôle d'accès du milieu sans fil cognitif
(MAC) et de la couche physique (PHY) : Politiques et procédures pour
le fonctionnement dans les bandes TV*



Reference number
ISO/IEC/IEEE 8802-22:2015/Amd.1:2017(E)

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ISO/IEC/IEEE 8802-22:2015/Amd 1 was prepared by the LAN/MAN of the IEEE Computer Society (as IEEE 802.22a-2014). It was adopted by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*, in parallel with its approval by the ISO/IEC national bodies, under the “fast-track procedure” defined in the Partner Standards Development Organization cooperation agreement between ISO and IEEE. IEEE is responsible for the maintenance of this document with participation and input from ISO/IEC national bodies.

IEEE Standard for Information Technology—
Telecommunications and information exchange
between systems
Wireless Regional Area Networks (WRAN)—
Specific requirements

Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and Procedures for Operation in the TV Bands

Amendment 1: Management and Control Plane Interfaces and Procedures and Enhancement to the Management Information Base (MIB)

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IEEE Computer Society

Approved 27 March 2014

IEEE-SA Standards Board

Abstract: This air interface, including the medium access control layer (MAC) and physical layer (PHY), of the fixed and portable point-to-multipoint wireless regional area networks (WRANs) operating in spectrum allocated to the Television Broadcasting Service in the frequency range of 54 MHz to 862 MHz is described in this amendment.

Keywords: broadband wireless access network, cognitive radio, fixed user terminals, IEEE 802.22a™, portable user terminals, radio spectrum sensing, regional area network, WRAN standards

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The Institute of Electrical and Electronics Engineers, Inc.
3 Park Avenue, New York, NY 10016-5997, USA

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PDF: ISBN 978-0-7381-9003-7 STD98586
Print: ISBN 978-0-7381-9004-4 STDPD98586

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