

Telecom Standards and Regulations

The following list details a sampling of major telecommunications standards and regulations in the United States and Europe.

U.S. Telecom Regulations

FCC Licensed Radio Standards—CFR 47

Part 5 Experimental radio service (other than broadcast).

Part 6 Access to telecommunications service, telecommunications equipment, and customer premises equipment by persons with disabilities.

Part 7 Access to voice mail and interactive menu services and equipment by people with disabilities.

Part 11 Emergency Alert System (EAS).

Part 15 Radio frequency devices.

Part 18 Industrial, scientific, and medical equipment.

Part 20 Commercial mobile radio services.

Part 21 Domestic Public Fixed Radio Services; Subpart K: Multipoint Distribution Service (MDS).

Part 22 Public Mobile Services; Subpart E: Paging and Radiotelephone Service; Subpart F: Rural Radiotelephone Service; Subpart G: Air-Ground Radiotelephone Service; Subpart H: Cellular Radiotelephone Service; Subpart I: Offshore Radiotelephone Service.

Part 23 International Fixed Public Radiotelephone Services.

Part 24 Personal Communications Services; Subpart D: Narrowband PCD; Subpart E: Broadband PCS.

Part 25 Satellite Communications.

Part 26 General Wireless Communications Service.

Part 27 Wireless Communications Service.

Part 73 Radio Broadcast Services; Subpart A: AM Broadcast Stations; Subpart B: FM Broadcast Stations; Subpart C: Noncommercial Educational FM Broadcast Stations; Subpart E: Television Broadcast Stations; Subpart F: International Broadcast Stations; Subpart G: Emergency Broadcast System.

Part 74 Experimental Radio, Auxiliary Special Broadcast, Other Program Distributional Services; Subpart A: Experimental Broadcast Stations; Subpart D: Remote Pickup Broadcast Stations; Subpart E: Aural Broadcast Auxiliary Stations; Subpart F: TV Broadcast Auxiliary Stations; Subpart G: Low-Power TV, TV Translator, and TV Booster Stations; Subpart H: Low-Power Auxiliary Stations; Subpart I: Instructional Fixed Service; Subpart L: FM Broadcast Translator and Booster Station.

Part 76 Multichannel video and cable television service.

Part 78 Cable Television Relay Service.

Part 80 Stations in the Maritime Services; Subpart J: Public Coast Stations; Subpart K: Private Coast Stations and Marine Utility Stations; Subpart L: Operational Fixed Stations; Subpart M: Stations in the Radiodetermination Service; Subpart N: Mar-

itime Support Stations; Subpart O: Alaska Fixed Stations; Subpart V: Emergency Position Indicating Radiobeacons (EPIRBs); Subpart W: Global Maritime Distress and Safety System (GMDSS).

Part 87 Aviation Services; Subpart F: Aircraft Stations; Subpart G: Aeronautical Advisory Stations (Unicom); Subpart H: Aeronautical Multicom Stations; Subpart I: Aeronautical Enroute and Fixed Stations; Subpart J: Flight Test Stations; Subpart K: Aviation Support Stations; Subpart L: Aeronautical Utility Mobile Stations; Subpart M: Aeronautical Search and Rescue Stations; Subpart N: Emergency Communications; Subpart O: Airport Control Tower Stations; Subpart P: Operational Fixed Stations; Subpart Q: Stations in the Radiodetermination Service; Subpart R: Civil Air Patrol Stations; Subpart S: Automatic Weather Observation Stations.

Part 90 Private Land Mobile Radio Services; Subpart B: Public Safety Radio Pool; Subpart C: Industrial/Business Radio Pool; Subpart F: Radiolocation Service; Subpart J: Nonvoice and Other Specialized Operations; Subpart M: Intelligent Transportation Systems Radio Service; Subpart P: Paging Operations.

Part 95 Personal Radio Services; Subpart A: General Mobile Radio Service (GMRS); Subpart B: Family Radio Service (FRS); Subpart C: Radio Control (R/C) Radio Service; Subpart D: Citizens Band (CB) Radio Service; Subpart F: Interactive Video and Data Service (IVDS); Subpart G: Low-Power Radio Service (LPRS).

Part 97 Amateur Radio Service.

Part 100 Direct broadcast satellite service.

Part 101 Fixed Microwave Services; Subpart G: Digital Electronic Message Service; Subpart H: Private Operational Fixed Point-to-Point Microwave Service; Subpart I: Common Carrier Fixed Point-to-Point Microwave Service; Subpart J: Local TV Transmission Service; Subpart L: Local Multipoint Distribution Service (LMDS).

Note: Only some of the subparts contained within each part are listed above, to illustrate the distinctly different services regulated under each part. Each part also contains other subparts, including the general technical standards applying to all subparts.

European Telecom Standards

R&TTE Directive Standards

Harmonized standards for the implementation of Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equip-

ment and telecommunications terminal equipment and the mutual recognition of their conformity. April 2000. 2000/C 99/02.

ETSI

EN 301 419-1 V4.1.1 (04-2000)—Digital cellular telecommunications system (Phase 2); Attachment requirements for global system for mobile communications (GSM); Part 1: Mobile stations in the GSM 900 and DCS 1 800 bands; Access (GSM 13.01 version 4.0.1).

EN 301 419-2 V5.1.1 (04-2000)—Digital cellular telecommunications system (Phase 2+); Attachment requirements for global system for mobile communications (GSM); High-speed circuit switched data (HSCSD) multislotted mobile stations; Access (GSM 13.34 version 5.0.3).

EN 301 419-7 V5.1.1 (09-2000)—Digital cellular telecommunications system (Phase 2+); Attachment requirements for global system for mobile communications (GSM); Railways band (R-GSM); Mobile stations; Access (GSM 13.67 version 5.0.2).

EN 301 426 V1.2.1 (10-2001)—Satellite earth stations and systems (SES); Harmonized EN for low data rate land mobile satellite earth stations (LMES) operating in the 1.5/1.6 GHz frequency bands covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 427 V1.1.1 (05-2000)—Satellite earth stations and systems (SES); Harmonized EN for low data rate land mobile satellite earth stations (LMES) operating in the 11/12/14 GHz frequency bands covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 428 V1.2.1 (02-2001)—Satellite earth stations and systems (SES); Harmonized EN for very small aperture terminal (VSAT); Transmit-only, transmit/receive or receive-only satellite earth stations operating in the 11/12/14 GHz frequency bands covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 430 V1.1.1 (05-2000)—Satellite earth stations and systems (SES); Harmonized EN for satellite news gathering transportable earth stations (SNG TES) operating in the 11–12/13–14 GHz frequency bands covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 441 V1.1.1 (05-2000)—Satellite earth stations and systems (SES); Harmonized EN for mobile earth stations (MES), including handheld earth stations, for satellite personal communications networks (S-PCN) in the 1.6/2.4 GHz bands under the mobile satellite service (MSS) covering

essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 442 V1.1.1 (05-2000)—Satellite earth stations and systems (SES); Harmonized EN for mobile earth stations (MES), including handheld earth stations, for satellite personal communications networks (S-PCN) in the 2.0 GHz bands under the mobile satellite service (MSS) covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 443 V1.2.1 (02-2001)—Satellite earth stations and systems (SES); Harmonized EN for very small aperture terminal (VSAT); Transmit-only, transmit-and-receive, receive-only satellite earth stations operating in the 4 GHz and 6 GHz frequency bands covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 444 V1.1.1 (05-2000)—Satellite earth stations and systems (SES); Harmonized EN for land mobile earth stations (LMES) operating in the 1.5 GHz and 1.6 GHz bands providing voice and/or data communications covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 459 V1.2.1 (10-2000)—Satellite earth stations and systems (SES); Harmonized EN for satellite interactive terminals (SIT) and satellite user terminals (SUT) transmitting towards satellites in geostationary orbit in the 29.5 to 30.0 GHz frequency bands covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 502 V8.1.2 (07-2001)—Harmonized EN for global system for mobile communications (GSM); Base station and repeater equipment covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 511 V7.0.1 (12-2000)—Global system for mobile communications (GSM); Harmonized standard for mobile stations in the GSM 900 and DCS 1800 bands covering essential requirements under Article 3(2) of the R&TTE Directive (1999/5/EC).

EN 301 681 V1.3.2 (01-2003)—Satellite earth stations and systems (SES); Harmonized EN for mobile earth stations (MES) of geostationary mobile satellite systems, including handheld earth stations, for satellite personal communications networks (S-PCN) in the 1.5/1.6 GHz bands under the mobile satellite service (MSS) covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 721 V1.2.1 (06-2001)—Satellite earth stations and systems (SES); Harmonized EN for mobile earth stations (MES) providing low bit rate data communications (LBRDC) using low earth orbiting (LEO) satellites operating below 1 GHz covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 303 035-1 V1.2.1 (12-2001)—Harmonized EN for TETRA equipment covering essential requirements under Article 3(2) of the R&TTE Directive; Part 1: Voice plus data (V+D).

EN 303 035-2 V1.2.2 (06-2003)—Harmonized EN for TETRA equipment covering essential requirements under Article 3(2) of the R&TTE Directive; Part 2: Direct mode operation (DMO).

Digital Enhanced Cordless Telecommunications (DECT) Standards

ETSI

EN 300 765 V1.3.1 (04-2001)—Digital enhanced cordless telecommunications (DECT); Radio in the local loop (RLL) access profile (RAP); Part 1: Basic telephony services.

EN 300 765-2 V1.2.1 (02-2001)—Digital enhanced cordless telecommunications (DECT); Radio in the local loop (RLL) access profile (RAP); Part 2: Advanced telephony services.

EN 301 240 V1.1.3 (06-1998) (Historical)—Digital enhanced cordless telecommunications (DECT); Data services profile (DSP); Point-to-point protocol (PPP) interworking for Internet access and general multiprotocol datagram transport.

EN 301 242 V1.2.2 (09-1999)—Digital enhanced cordless telecommunications (DECT); Global system for mobile communications (GSM); DECT-GSM integration based on dual-mode terminals.

EN 301 406 V1.5.0 (02-2003)—Digital enhanced cordless telecommunications (DECT); Harmonized EN for digital enhanced cordless telecommunications (DECT) covering essential requirements under Article 3(2) of the R&TTE Directive.

EN 301 649 V1.3.1 (03-2003)—Digital enhanced cordless telecommunications (DECT); DECT packet radio service (DPRS).

EN 301 650 V1.2.1 (04-2002)—Digital enhanced cordless telecommunications (DECT); DECT multimedia access profile (DMAP); Application-specific access profile (ASAP).

Other Telecom Standards

ATIS T1.107:2002—Telecommunications—Digital hierarchy—Formats specifications.

ATIS T1.413:1998—Asymmetric digital subscriber line (ADSL) metallic interface.

ATIS T1.413a:2000—Telecommunications—Network and customer installation interfaces—Asymmetric digital subscriber line (ADSL) metallic interface (supplement to ATIS T1.413:1998).

EN 300 652:1998—Broadband radio access networks (BRAN); High-performance radio local-area network (HIPERLAN) Type 1; Functional specification.

EN 60244-5:1994—Methods of measurement for radio transmitters—Part 5: Performance characteristics for television transmitters.

EN 60244-8:1994—Methods of measurement for radio transmitters—Part 8: Performance characteristics of vestigial-sideband demodulators used for testing television transmitters and transposers.

EN 60244-9:1994—Methods of measurement for radio transmitters—Part 9: Performance characteristics for television transposers.

EN 60244-10:1993—Methods of measurement for radio transmitters—Part 10: Methods of measurement for television transmitters and transposers employing insertion test signals.

EN 60244-11:1993—Methods of measurement for radio transmitters—Part 11: Transposers for FM sound broadcasting.

EN 60244-13:1993—Methods of measurement for radio transmitters—Part 13: Performance characteristics for FM sound broadcasting.

EN 60244-14:1997—Methods of measurement for radio transmitters—Part 14: External intermodulation products caused by two or more transmitters using the same or adjacent antennas.

EN 60244-15:2000—Methods of measurement for radio transmitters—Part 15: Amplitude-modulated transmitters for sound broadcasting.

EN 60315-3:2000—Methods of measurement on radio receivers for various classes of emission—Part 3: Receivers for amplitude-modulated sound-broadcasting emissions; Amendment A1:1999 to EN 60315-3:1999.

EN 60835-1-3:1995—Methods of measurement for equipment used in digital microwave radio transmission systems—Part 1: Measurements common to terrestrial radio-relay systems and satellite earth stations—Section 3: Transmission characteristics; Amendment A1:1995 to EN 60835-1-3:1995.

EN 60835-1-4:1995—Methods of measurement for equipment used in digital microwave radio trans-

mission systems—Part 1: Measurements common to terrestrial radio-relay systems and satellite earth stations—Section 4: Transmission performance; Amendment A1:1995 to EN 60835-1-4:1995.

EN 60835-2-1:1994—Methods of measurement for equipment used in digital microwave radio transmission systems—Part 2: Measurements on terrestrial radio-relay systems—Section 1: General.

EN 60835-2-2:1995—Methods of measurement for equipment used in digital microwave radio transmission systems—Part 2: Measurements on radio-relay systems—Section 2: Antenna.

EN 60835-2-3:1995—Methods of measurement for equipment used in digital microwave radio transmission systems—Part 2: Measurements on terrestrial radio-relay systems—Section 3: RF branching networks.

EN 60835-2-7:1995—Methods of measurement for equipment used in digital microwave radio transmission systems—Part 2: Measurements on terrestrial radio-relay systems—Section 7: Diversity switching and combining equipment.

EN 60835-2-8:1996—Methods of measurement for equipment used in digital microwave radio transmission systems—Part 2: Measurements on terrestrial radio-relay systems—Section 8: Adaptive equalizer; Amendment A1:1996 to EN 60835-2-8:1993.

EN 60835-2-10:1993—Methods of measurement for equipment used in digital microwave radio transmission systems—Part 2: Measurements on terrestrial radio-relay systems—Section 10: Overall system performance.

EN 60835-3-5:1995—Methods of measurement for equipment used in digital microwave radio transmission systems—Part 3: Measurements on satellite earth stations—Section 5: Up and down converters.

EN 60835-3-7:1999—Methods of measurement for equipment used in digital microwave radio transmission systems—Part 3: Measurements on satellite earth stations—Section 7: Figure-of-merit of receiving system.

EN 61079-1:1995—Methods of measurement on receivers for satellite broadcast transmissions in the 12 GHz band—Part 1: Radio-frequency measurements on outdoor units.

EN 61079-2:1995—Methods of measurement on receivers for satellite broadcast transmissions in the 12 GHz band—Part 2: Electrical measurements on DBS tuner units.

EN 61079-3:1995—Methods of measurement on receivers for satellite broadcast transmissions in the 12 GHz band—Part 3: Electrical measurements of overall performance of receiver systems comprising an outdoor unit and a DBS tuner unit.

EN 61079-5:1995—Methods of measurement on receivers for satellite broadcast transmissions in the 12 GHz band—Part 5: Electrical measurements on decoder units for MAC/Package systems.

EN 61108-2:1998—Maritime navigation and radiocommunication equipment and systems—Global navigation satellite systems (GNSS)—Part 2: Global navigation satellite system (GLONASS)—Receiver equipment—Performance standards, methods of testing and required test results.

EN 61114-1:1999—Receiving antennas for satellite broadcast transmissions in the 11–12 GHz band—Part 1: Electrical measurements.

EN 61114-2:1997—Methods of measurement on receiving antennas for satellite broadcast transmission in the 11–12 GHz band—Part 2: Mechanical and environmental tests on individual and collective receiving antennas.

EN 61162-1:2001—Maritime navigation and radiocommunication equipment and systems—Digital interfaces—Part 1: Single talker and multiple listeners.

EN 61162-2:1999—Maritime navigation and radiocommunication equipment and systems—Digital interfaces—Part 2: Single talker and multiple listeners, high-speed transmission.

EN 61603-1:1997—Transmission of audio and/or video and related signals using infrared radiation—Part 1: General.

EN 61603-2:1997—Transmission of audio and/or video and related signals using infrared radiation—Part 2: Transmission systems for audio wideband and related signals.

EN 61603-3:1998—Transmission of audio and/or video and related signals using infrared radiation—Part 3: Transmission systems for audio signals for conference and similar systems.

ETR 069:1993—Radio equipment and systems (RES); High-performance radio local-area network (HIPERLAN); Services and facilities.

ETR 133:1994—Radio equipment and systems (RES); High-performance radio local-area networks (HIPERLAN); System definition.

ETR 152:1996—Transmission and multiplexing (TM); High-bit-rate digital subscriber line (HDSL) transmission system on metallic local line SHDSL core specification and applications for 2048 Kb/sec-based access digital.

ETR 226:1995—Radio equipment and systems (RES); High-performance radio local-area network (HIPERLAN); Architecture for time-bound services (TBS).

ETS 300 001:1997—Attachments to public switched telephone network (PSTN); General technical requirements for equipment connected to an analog subscriber interface in the PSTN.

ETS 300 328:1996—Radio equipment and systems (RES); Wideband transmission systems; Technical characteristics and test conditions for data transmission equipment operating in the 2.4 GHz ISM band and using spread-spectrum modulation techniques; Amendment A1:1997 to ETS 300 328:1996.

ETS 300 652:1996—Radio equipment and systems (RES); High-performance radio local-area network (HIPERLAN) Type 1; Functional specification; Amendment A1:1997 to ETS 300 652:1996; Amendment A2:1998 to ETS 300 652:1996.

ETS 300 826:1997—Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for 2.4 GHz wideband transmission systems and high-performance radio local-area network (HIPERLAN) equipment.

ETS 300 836-1:1997—Broadband radio access networks (BRAN); High-performance radio local-area network (HIPERLAN) Type 1; Conformance testing specification; Part 1: Radio type approval and radio-frequency (RF) conformance test specification.

ETS 300 836-2:1997—Broadband radio access networks (BRAN); High-performance radio local-area network (HIPERLAN) Type 1; Conformance testing specification; Part 2: Protocol implementation conformance statement (PICS) pro forma specification.

ETS 300 836-3:1997—Broadband radio access networks (BRAN); High-performance radio local-area network (HIPERLAN) Type 1; Conformance testing specification; Part 3: Test suite structure and test purposes (TSS&TP) specification.

HD 466.5 S1:1989—Methods of measurement for radio equipment used in the mobile services—Part 5: Receivers employing single-sideband techniques (R3E, H3E, or J3E).

HD 466.6 S2:1992—Methods of measurement for radio equipment used in the mobile services—Part 6: Selective-calling and data equipment.

HD 466.8 S1:1986—Methods of measurement for radio equipment used in the mobile services—

Part 8: Methods of measurement for antennas.

HD 97 S1:1978—Recommended methods of measurement on receivers for frequency-modulation broadcast transmissions.

HD 577 S1:1990—Standardization of interconnections between broadcasting transmitters or transmitter systems and supervisory equipment—Part 1: Interface standards for systems using dedicated interconnections.

IEEE C63.19:2001—Method of measurement of compatibility between wireless communications devices and hearing aids.

IEEE 187:1990 (R1995)—IEEE standard on radio receivers: Open field method of measurement of spurious radiation from FM and television broadcast receivers.

IEEE 211:1997—IEEE standard definitions of terms for radio wave propagation.

IEEE 377:1980 (R1997)—IEEE recommended practice for measurement of spurious emission from land-mobile communication transmitters.

IEEE 743:1995—IEEE standard equipment requirements and measurement techniques for analog transmission parameters for telecommunications.

IEEE 802.3:2002 (R2003)—IEEE standard for information technology—Telecommunications and information exchange between systems—Local and metropolitan area networks—Specific requirements—Part 3: Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications.

IEEE 802.5v:2001—IEEE standard for information technology—Telecommunications and information exchange between systems—Local and metropolitan area networks—Specific requirements—Part 5: Token ring access method and physical layer specifications; Amendment 5: Gigabit token ring operation.

IEEE 802.11:1999 (R2001)—IEEE standard for information technology—Telecommunications and information exchange between systems—Local and metropolitan area networks—Specific requirements—Part 11: Wireless local-area network (LAN) medium-access control (MAC) and physical layer (PHY) specifications.

IEEE 802.11a:1999 (R2001)—IEEE standard for telecommunications and information exchange between systems—LAN/MAN specific requirements—Part 11: Wireless medium-access control (MAC) and physical layer (PHY) specifications: High-speed physical layer in the 5 GHz band.

IEEE 802.11b:1999 (R2001)—IEEE standard for information technology—Telecommunications and information exchange between systems—Local and metropolitan networks—Specific requirements—Part 11: Wireless local-area network (LAN) medium-access control (MAC) and physical layer (PHY) specifications: Higher-speed physical layer (PHY) extension in the 2.4 GHz band.

IEEE 802.15.1:2002—Standard for telecommunications and information exchange between systems—LAN/MAN—Specific requirements—Part 15: Wireless medium-access control (MAC) and physical layer (PHY) specifications for wireless personal-area networks (WPAN).

IEEE 802.16:2001—IEEE local and metropolitan area networks—Part 16: Standard air interface for fixed broadband wireless access systems.

IEEE 820:1984 (R1999)—IEEE standard telephone loop performance characteristics.

IEEE 1007:1991 (R1997)—IEEE standard methods and equipment for measuring the transmission characteristics of pulse-code modulation (PCM) telecommunications circuits and systems.

IEEE 1027:1996—IEEE standard method for measurement of the magnetic field in the vicinity of a telephone receiver.

IEEE 1206:1994—IEEE standard methods for measuring transmission performance of telephone handsets and headsets.

IEEE 1329:1999—IEEE standard method for measuring transmission performance of hands-free telephone sets.

IEEE 8802-11:1999/IEC 8802-11:1999—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; Amendment 1:2000 to IEEE 8802-11:1999.

TR 101 031:1999—Broadband radio access networks (BRAN); High-performance radio local-area network (HIPERLAN) Type 2; Requirements and architectures for wireless broadband access.

TR 101 683:2000—Broadband radio access networks (BRAN); HIPERLAN Type 2; System overview.

TR 101 764:2000—Broadband radio access networks (BRAN); Definition of the BRAN domain.

TS 101 475:2000—Broadband radio access networks (BRAN); HIPERLAN Type 2; Physical layer (PHY) layer.

TS 101 493-2:2000—Broadband radio access networks (BRAN); HIPERLAN Type 2; Packet-based convergence layer; Part 2: Ethernet service specific convergence sublayer (SSCS).

TS 101 761-1:2000—Broadband radio access networks (BRAN); HIPERLAN Type 2; Data link control (DLC) layer; Part 1: Basic data transport functions.

TS 101 761-2:2002—Broadband radio access networks (BRAN); HIPERLAN Type 2; Data link control layer; Part 2: Radio link control sublayer.

TS 101 762:2000—Broadband radio access networks (BRAN); HIPERLAN Type 2; Network management.

TS 101 763-2:2000—Broadband radio access networks (BRAN); HIPERLAN Type 2; Cell-based convergence layer; Part 2: UNI service specific convergence sublayer (SSCS).

TS 101 811-1-1:2000—Broadband radio access networks (BRAN); HIPERLAN Type 2; Conformance testing for the packet-based convergence layer; Part 1: Common part; Subpart 1: Protocol implementation conformance statement (PICS) pro forma.

TS 101 811-1-2:2001—Broadband radio access networks (BRAN); HIPERLAN Type 2; Conformance testing for the packet-based convergence layer; Part 1: Common part; Subpart 2: Test suite structure and test purposes (TSS&TP) specification.

TS 101 823-1-1:2000—Broadband radio access networks (BRAN); HIPERLAN Type 2; Conformance testing for the data link control (DLC) protocol; Part 1: Basic data transport function; Subpart 1: Protocol implementation conformance statement (PICS) pro forma.

TS 101 823-1-2:2001—Broadband radio access networks (BRAN); HIPERLAN Type 2; Conformance testing for the data link control (DLC) protocol; Part 1: Basic data transport function; Subpart 2: Test suite structure and test purposes (TSS&TP) specification.

TS 101 823-2-1:2001—Broadband radio access networks (BRAN); HIPERLAN Type 2; Conformance testing for the data link control (DLC) protocol; Part 2: Radio link control (RLC) sublayer; Subpart 1: Protocol implementation conformance statement (PICS) pro forma.

TS 101 823-2-2:2001—Broadband radio access networks (BRAN); HIPERLAN Type 2; Conformance testing for the data link control (DLC) protocol; Part 2: Radio link control (RLC) sublayer; Subpart 2: Test suite structure and test purposes (TSS&TP) specification. ■