

Deutsche Akkreditierungsstelle GmbH

Anlage zur Akkreditierungsurkunde D-PL-12076-01-01 nach DIN EN ISO/IEC 17025:2005

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A Drahtgebundene Kommunikation und DECT

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
Drahtgebundene Kommunikation und DECT <i>Wired Communications and DECT</i>	Analoge Schnittstellen; Digitale Schnittstellen, Protokolle; Internet Protokolle / xDSL / VoIP; Akustik; ZGS Nr. 7 DECT <i>Analogue Interfaces; Digital Interfaces, Protocols; Internet Protocols / xDSL / VoIP; Acoustics; SS No.7; DECT</i>	Siehe nachfolgende Auflistung, jeweils die aktuelle Version <i>See following listing, each the current version</i>

Titel der vorstehend genannten zugrunde liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

A.1 Analoge Schnittstellen / *Analogue Interfaces*

Prüfbereich / Test Section		Analoge Schnittstellen / Analogue Interfaces	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
EG 201 120			Public Switched Telephone Network; Method of rating terminal equipment so that it can be connected in series and/or in parallel to a Network Termination Point (NTP)
EG 201 121			A guide to the application of TBR 21
ES 203 021-1			Access and Terminals (AT); Harmonized basic attachment requirements for Terminals for connection to analogue interfaces of the Telephone Networks; Update of the technical contents of TBR 021, EN 301 437, TBR 15, TBR 17; Part 1: general aspects
ES 203 021-2			Access and Terminals (AT); Harmonized basic attachment requirements for Terminals for connection to analogue interfaces of the Telephone Networks; Update of the technical contents of TBR 021, EN 301 437, TBR 15, TBR 17; Part 2: Basic transmission and protection of the network from harm

Prüfbereich / Test Section		Analoge Schnittstellen / Analogue Interfaces	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
ES 203 021-3			Access and Terminals (AT); Harmonized basic attachment requirements for Terminals for connection to analogue interfaces of the Telephone Networks; Update of the technical contents of TBR 021, EN 301 437, TBR 15, TBR 17; Part 3: Basic Interworking with the Public Telephone Network
		Australia: AS/ACIF S002	Analogue interworking and non-interference requirements for Customer Equipment for connection to the Public Switched Telephone Network
		Australia: AS/ ACIF S030	Requirements for Customer Equipment with an Analogue Data Interface Connected to the Public Switched Telephone Network
		New Zealand: PTC 200	Requirements for Analogue Telecommunications Equipment
		New Zealand: TNA102	Telecom Public Switched Telephone Network (PSTN) Analogue Line Interface

A.2 Digitale Schnittstellen, Protokolle / Digital Interfaces, Protocols

Prüfbereich / Test Section		Digitale Schnittstellen, Protokolle / Digital Interfaces, Protocols	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
EN 60 603-7		IEC 60 603-7	Connectors for frequencies below 3 MHz for use with printed boards; Part 7: Detail specification for connectors, 8-way, including fixed and free connectors with common mating features, with assessed quality
ETR 018			Integrated Services Digital Network (ISDN); Application of the Bearer Capability (BC); High Layer Compatibility (H LG) and Low Layer Compatibility (LLC) information elements by terminals supporting ISDN Services
EN 300 011			Integrated Services Digital Network (ISDN); Primary rate user-network interface, Layer 1 specification and test principles
ETS 300 104			Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN basic access; Layer 3 aspects
ETS 300 125			Integrated Services Digital Network (ISDN); Attachment; User-network interface data link layer specification Application of CCITT Recommendations Q.920/1.440 and Q.921/1.441
EN 300 166			Transmission and Multiplexing (TM); Physical and electrical characteristics of hierarchical digital interfaces for equipment using the 2 048 kbit/s – based plesiochronous or synchronous digital hierarchies

Prüfbereich / Test Section		Digitale Schnittstellen, Protokolle / Digital Interfaces, Protocols	
Europe	Germany	others	Title
EN 300 347-1			Signalling Protocols and Switching (SPS); V interfaces at the digital Local Exchange (LE), V5.2 interface for the support of Access Network (AN) ;Part 1: V5.2 interface specification
EN 300 359-1			Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary Services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification
ETS 300 402-2			Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. One (DSS1) protocol; Data link layer; Part 2: General protocol specification
EN 300 402-7			Integrated Services Digital Network (ISDN); Data link layer; Part 7: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) Proforma specification for general protocol
EN 300 403-1			Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. One (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 1 : Protocol specification
ETS 300 403-5			Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. One (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 5: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) Proforma specification for the user
EN 300 403-7			Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. One (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 5: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) Proforma specification for the network
TR 101 830-1			Transmission and Multiplexing (TM); Access networks; Spectral management on metallic access networks; Part 1: Definitions and signal library
TR 101 830-2			Transmission and Multiplexing (TM); Access networks; Spectral management on metallic access networks; Part 2: Technical methods for performance evaluations
TR 103 050			Access and Terminals (AT); Digital Access to Public Telephone Networks; Applicability of ITAAB Advisory Notes to TBRs
TS 101 966			Access and Terminals (AT); Sub-set of ETS 300 400 series requirements for ISDN testing
TS 102 080			Transmission and Multiplexing (TM); Integrated Services Digital Network (ISDN) basic rate access; Digital transmission System on metallic local lines
TS 102 119			Access and Terminals (AT); Overvoltage protection requirements within TBRs

Prüfbereich / Test Section		Digitale Schnittstellen, Protokolle / Digital Interfaces, Protocols	
Europe	Germany	others	Title
ITAAB IT.01			Recommendations for the accredited testing and type approval of ISDN terminal equipment; ITAAB Permanent Reference Document
TBR 3			Integrated Services Digital network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN basic access.
TBR 4			Integrated Services Digital network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN primary rate access.
TBR 12			Business Telecommunications (BTC); Open Network Provision (ONP) technical requirements; 2 048 kbit/s digital unstructured leased line (D2048U) Attachment requirements for terminal equipment interface.
TBR 13			Business Telecommunications (BTC); 2 048 kbit/s digital unstructured leased line (D2048U) Attachment requirements for terminal equipment interface.
TBR 14			Business Telecommunications (BTC); 64 kbit/s digital unrestricted leased line with octet integrity (D64U), Attachment requirements for terminal equipment interface
TBR 24			Business Telecommunications (BTC); 34 Mbit/s digital unstructured and structured leased lines (D34U and D34S); Attachment requirements for terminal equipment interface
TBR 33			Integrated Services Digital Network (ISDN); Attachment requirements for packet mode terminal equipment to connect to an ISDN using ISDN basic access
TBR 34			Integrated Services Digital Network (ISDN); Attachment requirements for packet mode terminal equipment to connect to an ISDN using ISDN primary rate access
		ATS CTS 2	CTS2 Test Suite for ISDN Layer 2 & 3 (Basic Access)
		ATS CTS2 bis	CTS2bis Test Suite for ISDN Layer 2 & 3 (Primary rate access)
		Australia: AS/ACIF S016	Requirements for Customer Equipment connected to hierarchical digital interfaces
		Australia: AS/ACIF S031	Requirements for ISDN Basic Access Interface
		Australia: AS/ACIF S038	Requirements for ISDN Primary Rate Access Interface
		Australia: TS014	General requirements for customer equipment connected to an ISDN primary rate interface
		Australia: TS016	General requirements for customer equipment connected to hierarchical digital interfaces
		Australia: TS038	Requirements for ISDN Primary Rate Access Interface

Prüfbereich / Test Section		Digitale Schnittstellen, Protokolle / Digital Interfaces, Protocols	
Europe	Germany	others	Title
		Australia: AS/ACIF S003	Customer Access Equipment for connection to a Telecommunications Network
		Australia: AS/ACIF S040	Requirements for Customer Equipment for use with Standard Telephone Service – Features for special needs of persons with disabilities
		CCITT G.703	Physical/Electrical Characteristics of hierarchical digital Interfaces
		CCITT G.704	Synchronous frame structures used at primary and secondary hierarchical levels
		CCITT G.706	Frame alignment and redundancy check (CRC) procedures relating to basic frame structures defined in recommendation G.704
		CCITT I.430	CCITT Blue Book; ISDN; Overall Network Aspects and Functions; ISDN User-Network Interfaces; Recommendations 1.31 0 - I. 470
		CCITT I.431	CCITT Blue Book; ISDN; Overall Network Aspects and Functions; ISDN User-Network Interfaces; Recommendations 1.31 0 - I. 470
		CCITT I.440	ISDN user network interface, data link layer – general aspects
		CCITT I.441	ISDN user network interface, data link layer specification
		CCITT I.450	ISDN user network interface layer 3 – general aspects
		CCITT I.451	ISDN user network interface layer 3 specification for basic call control
		CCITT Q.920	Digital Subscriber Signaling System No. 1
		CCITT Q.921	Digital Subscriber Signaling System No. 1
		CCITT Q.922	ISDN data link layer specification for frame mode bearer Services
		CCITT Q.930	Digital Subscriber Signaling System No. 1
		CCITT Q.931	Digital Subscriber Signaling System No. 1
		ITU-T Q.933	Integrated Services digital network (ISDN) digital subscriber Signaling System No. 1 (DSS 1) – Signaling specifications for frame mode switched and permanent virtual connection control and Status monitoring
		New Zealand: PTC 131	Telecom ISDN: Basic Rate User-Network Interface, Layer 1
		New Zealand: PTC 132	Telecom ISDN: Primary Rate User-Network Interface, Layer 1

Prüfbereich / Test Section		Digitale Schnittstellen, Protokolle / Digital Interfaces, Protocols	
Europe	Germany	others	Title
		New Zealand: TNA117	Telecom 2048 kbit/s Standard network interface
		New Zealand: TNA133	Telecom ISDN: User-Network Interface, Layer 2
		New Zealand: TNA134	Telecom ISDN: User-Network Interface, Layer 3

A.3 Internet Protokolle (IP/TCP); xDSL, VoIP

Prüfbereich / Test Section		Internet Protokolle (IP/TCP); xDSL, VoIP	
Europe	Germany	others	Title
ETS TS 101 135			Transmission and Multiplexing (TM); High bit-rate Digital Subscriber Line (HDSL) transmission Systems on metallic local lines; HDSL core Specification and applications for combined ISDN-BA and 2 048 kbit/s transmission
TS 101 270-1			Transmission and Multiplexing (TM); Access transmission Systems on metallic access cables; very high speed Digital Subscriber Line (VDSL); Part 1 : Functional requirements
TS 101 388			Transmission and Multiplexing (TM); Access transmission systems on metallic access cables; Asymmetry Digital Subscriber Line (ADSL) - European specific requirements [ITU-T Recommendation G.992.1 modified]
	DTAG 1 TR 112		Deutsche Telekom AG (T-Systems) Description of the 1 TR 112 Interface of ADSL Systems
		DSL-Forum TR-067	ADSL Interoperability Test Plan
		France: ST/FTR & D/ 7670	Conditions de test pour le raccordement au réseau D'accès ADSL de France Télécom
		ITU-T G.992.1	Transmission Systems and Media Asymmetrical Digital Subscriber Line (ADSL) Transceivers
		ITU-T G.992.2	Transmission Systems and Media Splitterless Asymmetry Digital Subscriber Line (ADSL) Transceivers
		Australia AS/ACIF S043.1	Requirements for Customer Equipment for connection to a metallic local loop interface of a Telecommunications Network - Part 1: General
		Australia: AS/ACIF S043.2	Requirements for Customer Equipment for connection to a metallic local loop interface of a Telecommunications Network - Part 2: Broadband
		Australia AS/ACIF S043.3	Requirements for Customer Equipment for connection to a metallic local loop interface of a Telecommunications Network - Part 3: DC, low frequency AC and voiceband

Prüfbereich / Test Section		Internet Protokolle (IP/TCP); xDSL, VoIP	
Europe	Germany	others	Title
		RFC 791	Internet Protocol
		RFC 792	Internet Control Message Protocol
		RFC 793	Transmission Control Protocol
		RFC 826	An Ethernet Address Resolution Protocol
		RFC 894	A Standard for the Transmission of I P Datagrams over Ethernet Networks
		RFC 1112	Host Extensions for I P Multicasting
		RFC 1242	Benchmarking Terminology for Network Interconnection Devices
		RFC 1293	Inverse Address Resolution Protocol
		RFC 2131	Dynamic Host Configuration Protocol
		RFC 2236	Internet Group Management Protocol, Version 2
		RFC 2285	Benchmarking Terminology for LAN Switching Devices
		RFC 2544	Benchmarking Methodology for Network Interconnect Devices
		RFC 2432	Terminology for IP Multicast Benchmarking

A.4 Telefondienst 3,1 kHz / Telephony 3,1 kHz

Prüfbereich / Test Section		Akustik / Acoustics	
Europe	Germany	others	Title
TBR 8			Integrated Services Digital Network (ISDN); Telephony 3,1 kHz teleservice Attachment requirements for handset terminals
TBR 10			Digital European Cordless Telecommunications (DECT); Telephony applications
TBR 38			Attachment requirements for a terminal equipment incorporating an analogue handset function capable of supporting the justified case Service when connected to the analogue interface of the PSTN in Europe
ES 200 677			Public Switched Telephone Network (PSTN); Requirements for handset telephony
EG 202 518			Speech Processing, Transmission and Quality Aspects (STQ); Acoustic Output of Terminal Equipment; Maximum Levels and Test Methodology for Various Applications
EN 50332-1	DIN EN 50332-1		Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations - Part 1: General method for "one package equipment";

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Prüfbereich / Test Section		Akustik / Acoustics	
Europe	Germany	others	Title
EN 50332-2	DIN EN 50332-2		Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations - Part 2: Matching of sets with headphones if either or both are offered separately
EN 300 175-8			Radio Equipment and Systems (RES); Digital European Cordless Telecommunication (DECT); Common Interface (CI); Part 8: Speech coding and transmission
ETS 300 381			Telephony for hearing impaired people; Inductive coupling of telephone earphones to hearing aids
TS 151 010-1		3GPP TS 51.010-1	Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification
		3GPP TS 26.131	3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Terminal acoustic characteristics for telephony; Requirements
		3GPP TS 26.132	3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Speech and video telephony terminal acoustic test specification
		Australia: AS/ACIF S004	Voice frequency performance requirements for Customer Equipment

A.5 ZGS Nr. 7 / Signaling System No.7

Prüfbereich / Test Section		ZGS Nr. 7 / Signaling System No.7	
Europe	Germany	others	Title
EN 300 008-1			Integrated Services Digital Network (ISDN); Signalling System No.7; Message Transfer Part (MTP) to support international interconnection; Part 1: Protocol specification [ITU-T Recommendations Q.701, Q.702, Q.703, Q.704, Q.705, Q.706, Q.707 and Q.708 modified]
ETS 300 008-2			Integrated Services Digital Network (ISDN); Signalling System No.7; Message Transfer Part (MTP) to support international interconnection; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
	BAPT 223 ZV 3		Zulassungsvorschrift für Einrichtungen mit MTP-Schnittstelle zur Anschaltung an eine Vermittlungseinrichtung mit ZGS-Nr. 7-Netzübergangsfunktion
	BAPT 223 ZV 4		Zulassungsvorschrift für die SCCP-Schnittstelle von Zeichengabeknoten zur Anschaltung an SCCP-Knoten der Deutschen Telekom

Prüfbereich / Test Section		ZGS Nr. 7 / Signaling System No.7	
Europe	Germany	others	Title
	BAPT 223 ZV 18		Zulassungsvorschrift für Einrichtungen mit ISDN-Anwenderteil ISUP-Version-1 zur Anschaltung an digitale Fernvermittlungsstellen mit ZGS-Nr. 7-Netzübergangsfunktion
	DIN ETS 300 009		ISDN, CCITT-Zeichengabesystem Nr.7; Steuerteil für Zeichengabetransaktionen (verbindungsloser Dienst) zur Unterstützung internationaler Zusammenschaltung
		ITU-T Q.701	Functional description of the message transfer part (MTP) of signaling System No.
		ITU-T Q.702	signaling data link
		ITU-T Q.703	signaling link
		ITU-T Q.704	signaling network functions and messages
		ITU-T Q.705	signaling network structure
		ITU-T Q.706	Message transfer part signaling performance
		ITU-T Q.707	Testing and maintenance
		ITU-T Q.711	Functional description of the signaling connection control part (SCCP)
		ITU-T Q.712	Definition and function of SCCP messages
		ITU-T Q.713	SCCP formats and codes
		ITU-T Q.714	Signaling connection control procedures
		ITU-T Q.716	Signaling system No. 7 – signaling connection control part performance (SCCP)
		ITU-T Q.730	Signaling system No. 7 – ISDN supplementary services
		ITU-T Q.731	Stage 3 description for number identification supplementary services using signaling system No. 7 clause 3 – calling line identification presentation (CLIP) clause 4 – calling line identification restriction (CLIR) clause 5 – connected line identification presentation (COLP) clause 6 – connected line identification restriction (COLR)
		IUT-TQ.731.1	Stage 3 description for numbering identification supplementary Services using SS No. 7: Direct-Dialing-In (DDI)
		ITU-T Q.731.7	Stage 3 description for number identification supplementary Services using signaling system no. 7: Malicious call identification (MCID)
		ITU-T Q.731.8	Stage 3 description for number identification supplementary Services using signaling system No. Section 8 – SUB-ADDRESSING (SUB)

Prüfbereich / Test Section		ZGS Nr. 7 / Signaling System No.7	
Europe	Germany	others	Title
		ITU-T Q.732.2	Stage 3 description for call offering supplementary Services using signaling system No. 7: Call diversion Services: - Call forwarding busy – Call forwarding no reply – Call forwarding unconditional – Call deflection
		ITU-T Q.732.7	Stage 3 description for call offering supplementary services using signaling system No. 7: Explicit Call Transfer
		ITU-T Q.733.3	Stage 3 description for call completion supplementary services using signaling system No. 7: Completion of calls to busy subscriber (CCBS)
		ITU-T Q.734	Stage 3 description for multiparty supplementary services using signaling system No. 7: clause 1 – conference calling , clause 2 – three-party service
		ITU-T Q.734.2	Stage 3 description for multiparty supplementary services using signaling system No. 7: Three-party Service
		ITU-T Q.735	Stage 3 description for community of interest supplementary Services using signaling system No. 7 Clause 1 – Closed User Group (CUG) Clause 3 – Multilevel precedence and preemption
		ITU-T Q.735.6	Stage 3 description for Community of interest supplementary Services using signaling system No. 7: Global Virtual Network Service (GVNS)
		ITU-T Q.736	Stage 3 description for charging supplementary services using signaling system No. 7 Clause 1 – International Telecommunication, Charge Card (ITCC)
		ITU-T Q.736	Stage 3 description for charging supplementary services using signaling system No. 7 Clause 3 – Reverse Charging (REV)
		ITU-T Q.737.1	Stage 3 description for additional information transfer supplementary Services using signaling system No. 7: User-to-user signaling (UUS)
		ITU-T Q.761	Functional description of the ISDN user part of signaling system No.7
		ITU-T Q.762	General function of messages and signals
		ITU-T Q.763	Formats and codes
		ITU-T Q.764	Signaling procedures
		ITU-T Q.767	Application of the ISDN user part of CCITT signaling system No. 7 for international ISDN interconnections
		ITU-T Q.780	Signaling system No.7 test specification – general description
		ITU-T Q.781	MTP level 2 test specification
		ITU-T Q.782	MTP level 3 test specification
		ITU-T Q.784	ISUP basic test specification

Prüfbereich / Test Section		ZGS Nr. 7 / Signaling System No.7	
Europe	Germany	others	Title
		ITU-T Q.784.1	ISUP basic call test specification: Validation and compatibility for ISUP'92 and Q.767 protocols
		ITU-T Q.784.2	ISUP basic call test specification: Abstract test suite for ISUP'92 basic call control procedure
		ITU-T Q.785	ISUP basic call test specification: Validation and compatibility for ISUP'92 and Q.767 protocols
		ITU-T Q.786	Signaling system No. 7 SCCP test specification
		New Zealand: PTC 331	Telephone network interconnection using CCITT No. 7 signalling

A.6 DECT

Prüfbereich / Test Section		DECT	
Europe	Germany	others	Title
DTAAB DT.04			Recommendations for the accredited conformance testing of DECT equipment; DTAAB Permanent reference Document
EN 300 175-1			Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 1 : Overview
EN 300 175-2			Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical layer
EN 300 175-3			Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part. 3: Medium access control layer
EN 300 175-4			Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data link control layer
EN 300 175-5			Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network layer
EN 300 175-6			Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing
EN 300 175-7			Radio Equipment and Systems (RES); Digital European Cordless Telecommunication (DECT); Common Interface (CI); Part 7: Security features
EN 300 176			Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Approval test specification
EN 300 444			Radio Equipment and Systems (RES); Digital European Cordless Telecommunication (DECT); Generic Access Profile (GAP)

Prüfbereich / Test Section		DECT	
Europe	Germany	others	Title
EN 300 476-1			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) Proforma; Part 1: Network (NWK) layer – Portable radio Termination (PT)
EN 300 476-2			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) Proforma; Part 2: Data Link Control (DLC) layer – portable radio Termination (PT)
EN 300 476-3			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) Proforma; Part 3: Medium Access Control (MAC) layer-portable radio Termination (PT)
EN 300 476-4			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) Proforma; Part 4: Network (NWK) layer – Fixed radio Termination (FT)
EN 300 476-5			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) Proforma; Part 5: Data Link Control (DLC) layer – Fixed radio Termination (FT)
EN 300 476-6			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) Proforma; Part 6: Medium Access Control (MAC) layer – Fixed radio Termination (FT)
EN 300 476-7			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) Proforma; Part 7: Physical layer
EN 300 494-1			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 1: Summary
EN 300 494-2			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 2: Profile Specific Test Specification (PSTS) – Portable radio Termination (PT)
EN 300 494-3			Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 3: Profile Specific Test Specification (PSTS) – Fixed radio Termination (FT)

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Prüfbereich / Test Section		DECT	
Europe	Germany	others	Title
EN 300 497-1			<i>Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 1: Test Suite Structure (TSS) and Test Purposes (TP) for Medium Access Control (MAC) layer</i>
EN 300 497-2			<i>Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 2: Abstract Test Suite (ATS) for Medium Access Control (MAC) layer - Portable radio Termination (PT)</i>
EN 300 497-3			<i>Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 3: Abstract Test Suite (ATS) for Medium Access Control (MAC) layer - Fixed radio Termination (FT)</i>
EN 300 497-4			Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 4: Test Suite Structure (TSS) and Test Purposes (TP) - Data Link Control (DLC) layer
EN 300 497-5			Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 5: Abstract Test Suite (ATS) - Data Link Control (DLC) layer
EN 300 497-6			Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 6: Test Suite Structure (TSS) and Test Purposes (TP) - Network (NWK) layer - Portable radio Termination (PT)
EN 300 497-7			Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 7: Abstract Test Suite (ATS) for Network (NWK) layer - Portable radio Termination (PT)
EN 300 497-8			Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 8: Test Suite Structure (TSS) and Test Purposes (TP) - Network (NWK) layer - Fixed radio Termination (FT)
EN 300 497-9			Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Test Case Library (TCL); Part 9: Abstract Test Suite (ATS) for Network (NWK) layer - Fixed radio Termination (FT)
EN 301 406			<i>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; Generic radio</i>
TBR 22			Radio Equipment and Systems (RES); Attachment requirements for terminal equipment for Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP) applications
		Australia: TS028	Radio equipment and Systems cordless telecommunications - digital enhanced cordless telecommunications (DECT)

Anlage zur Akkreditierungsurkunde D-PL-12076-01-01

Prüfbereich / Test Section		DECT	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
		ETR 178	Digital Enhanced Cordless Telecommunications (DECT); A high level guide to the DECT standardization

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Bereich	Verantwortlicher
Schnittstellen / Protokolle	
A.1:Analoge Schnittstellen	Herren Meyer und Rech
A.2: Digitale Schnittstellen / Protokolle	Herren Kirchner und Rech
A.3:Internet Protokolle / xDSL / VoIP	Herren Kirchner und Rech
A.4: Akustik	Herren Meyer und Rech
A.5: ZGS Nr. 7	Herren Meiers und Salvamoser
A.6: DECT	Herren Meyer (Akustik) Velhagen (Protokoll), Wolf (Funk), und Herr Rech

B Funk

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
Funk- / Satelliten-Kommunikation <i>Radio / Satellite Communications</i>	Satellitenfunk; Navigationsfunkanlagen; Antennen; Flugfunk; Richtfunk, WiMax; Betriebs- und Bündelfunk; Funkrufdienste; Nichtöffentliche Funkanwendungen mit WLAN, SRD, RFID <i>Satellite Radio;</i> <i>Navigation Radio;</i> <i>Antennas;</i> <i>Aeronautical radio;</i> <i>Microwave radio relay, WiMax;</i> <i>Trunked radio systems, PMR</i> <i>radio;</i> <i>Paging systems;</i> <i>Non-public radio incl. WLAN,</i> <i>SRD, RFID</i>	Siehe nachfolgende Auflistung, jeweils die aktuelle Version <i>See following listing, each the current version</i>

Titel der vorstehend genannten zugrunde liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

B.1 Satellitenfunk / *Satellite Radio*

Prüfbereich / <i>Test Section</i>		Satellitenfunk / <i>Satellite Radio</i>	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
EN 300 721			Satellite Earth Stations and Systems (SES); Mobile Earth Stations (MES) providing Low Bit Rate Data Communications (LBRDC) using Low Earth Orbiting (LEO) satellites operating below 1 GHz
EN 300 722			Satellite Earth Stations and Systems (SES); Network Control Facilities (NCF) for Mobile Earth Stations (MESs) providing Low Bit Rate Data Communications (LBRDCs) using satellites in Low Earth Orbits (LEO) and operating in frequency bands below 1 GHz
EN 300 733			Satellite Personal Communications Networks (S-PCN); Mobile Earth Stations (MES), including handheld earth stations, for S-PCN in the 1,6/2,4 GHz bands, providing voice and/or data communications under the Mobile Satellite Service (MSS)

Prüfbereich / Test Section		Satellitenfunk / Satellite Radio	
Europe	Germany	others	Title
EN 300 734			Satellite Personal Communications Networks (S-PCN); Mobile Earth Stations (MES), including handheld earth stations, for S-PCN in the 2,0 GHz bands, providing voice and/or data communications under the Mobile Satellite Service (MSS)
EN 301 358			Satellite Earth Stations and Systems (SES); Satellite User Terminals (SUT) using satellites in geostationary orbit operating in the 19,7 GHz to 20,2 GHz (space-to-earth) and 29,5 GHz to 30 GHz (earth-to-space) frequency bands
EN 301 359			Satellite Earth Stations and Systems (SES); Satellite Interactive Terminals (SIT) using satellites in geostationary orbit operating in the 11 GHz to 12 GHz (space-to-earth) and 29,5 GHz to 30,0 GHz (earth-to-space) frequency bands
EN 301 360			Satellite Earth Stations and Systems (SES); Harmonized EN for Satellite Interactive Terminals (SIT) and Satellite User Terminals (SUT) transmitting towards geostationary satellites in the 27,5 to 29,5 GHz frequency bands covering essential requirements under Article 3.2 of the R&TTE Directive
EN 301 426			Satellite Earth Stations and Systems (SES); Harmonized EN for Low data rate Land Mobile satellite Earth Stations (LMES) and Maritime Mobile satellite Earth Stations (MMES) not intended for distress and safety communications 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			Satellite Earth Stations and Systems (SES); Harmonized EN for Low data rate Land Mobile satellite Earth Stations (LMES) except aeronautical mobile 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 301 428			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

Prüfbereich / Test Section		Satellitenfunk / Satellite Radio	
Europe	Germany	others	Title
EN 301 430			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			Satellite Earth Stations and Systems (SES); Harmonized EN for Mobile Earth Stations (MESs), 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			Satellite Earth Stations and Systems (SES); Harmonized EN for Mobile Earth Stations (MESs), 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			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			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 301 447			Satellite Earth Stations and Systems (SES); Harmonized EN for Satellite Earth Stations on board Vessels (ESVs) operating in the 4/6 GHz frequency bands allocated to the Fixed Satellite Service (FSS) covering essential requirements under article 3.2 of the R&TTE directive
EN 301 459			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 GHz to 30,0 GHz frequency band covering essential requirements under article 3.2 of the R&TTE directive

Prüfbereich / Test Section		Satellitenfunk / Satellite Radio	
Europe	Germany	others	Title
EN 301 681			Satellite Earth Stations and Systems (SES); Harmonized EN for Mobile Earth Stations (MESs) 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 301 682			Satellite Personal Communications Networks (S-PCN); Network Control Facilities (NCF) for Mobile Earth Stations (MESs), including handheld earth stations, for S-PCN in the 1,5/1,6 GHz bands, providing voice and/or data communications under the Mobile Satellite Service (MSS)
EN 301 721			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
ETS 300 157			Satellite Earth Stations and Systems (SES); Receive-only Very Small Aperture Terminals (VSATs) operating in the 11/12 GHz frequency bands
ETS 300 158			Satellite Earth Stations (SES); Television Receive Only (TVRO-FSS) Satellite Earth Stations operating in the 11/12 GHz FSS bands
ETS 300 159			Satellite Earth Stations and Systems (SES); Transmit-only or transmit-and-receive Very Small Aperture Terminals (VSATs) used for communications operating in the Fixed Satellite Service (FSS) 11/12/14 GHz frequency bands
ETS 300 160			Satellite Earth Stations (SES); Control and monitoring functions at a Very Small Aperture Terminal (VSAT)
ETS 300 161			Satellite Earth Stations (SES); Centralised control and monitoring functions for Very Small Aperture Terminals (VSATs) networks
ETS 300 249			Satellite Earth Stations (SES); Television Receive-Only (TVRO) equipment used in the Broadcasting Satellite Service (BSS)
ETS 300 254			Satellite Earth Stations and Systems (SES); Land Mobile Earth Stations (LMESs) operating in the 1,5/1,6 GHz bands providing Low Bit Rate Data Communications (LBRDC)

Prüfbereich / Test Section		Satellitenfunk / Satellite Radio	
Europe	Germany	others	Title
ETS 300 255			Satellite Earth Stations and Systems (SES); Land Mobile Earth Stations (LMESs) operating in the 11/12/14 GHz bands providing Low Bit Rate Data Communications (LBRDC)
ETS 300 282			Satellite Earth Stations and Systems (SES); Network Control Facilities (NCFs) for Land Mobile Earth Stations (LMES) operating in the 1,5/1,6 GHz bands and 11/12/14 GHz bands providing Low Bit Rate Data Communications (LBRDC)
ETS 300 327			Satellite Earth Stations and Systems (SES); Satellite News Gathering (SNG) Transportable Earth Stations (TES) (13-14/11-12 GHz)
ETS 300 332			Satellite Earth Stations and Systems (SES); Transmit-only or transmit- and - receive Very Small Aperture Terminals (VSATs) used for communications operating in the Fixed Satellite Service (FSS) 6 GHz and 4 GHz frequency bands
ETS 300 333			Satellite Earth Stations and Systems (SES); Receive-only Very Small Aperture Terminals (VSATs) operating in the 4 GHz frequency band
ETS 300 423			Satellite Earth Stations and Systems (SES), Land Mobile Earth Stations (LMES) operating in the 1,5 / 1,6 GHz bands providing voice and / or data communications
ETS 300 424			Satellite Earth Stations and Systems (SES); Network Control Facilities (NCFs) for Land Mobile Earth Stations (LMES) operating in the 1,5/1,6 GHz bands providing voice and/or data communications
ETS 300 456			Satellite Earth Stations and Systems (SES); Test methods for Very Small Aperture Terminals (VSATs) operating in the 11/12/14 GHz frequency bands
ETS 300 457			Satellite Earth Stations and Systems (SES); Test methods for Television Receive Only (TVRO) operating in the 11/12 GHz frequency bands
ETS 300 459			Satellite Earth Stations and Systems (SES); Network Control Facilities (NCF) for Maritime Mobile Earth Stations (MMES) operating in the 1,5/1,6 GHz and 11/12/14 GHz bands providing Low Bit Rate Data Communications (LBRDC)
ETS 300 460			Satellite Earth Stations and Systems (SES); Maritime Mobile Earth Stations (MMES) operating in the 1,5/1,6 GHz bands providing bands providing Low Bit Rate Data Communications (LBRDC) for the Global Maritime Distress and Safety System (GMDSS); Technical characteristics and methods of measurement

Prüfbereich / Test Section		Satellitenfunk / Satellite Radio	
Europe	Germany	others	Title
ETS 300 487			Satellite Earth Stations and Systems (SES); Receive-Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications; Radio Frequency (RF) specifications
ETS 300 735			Satellite Personal Communications Networks (S-PCN); Network Control Facilities (NCF) for Mobile Earth Stations (MES), including handheld earth stations, for S-PCN in the 1,6/2,4 GHz and the 2,0 GHz bands, providing voice and/or data communications under the Mobile Satellite Service (MSS)
ETS 300 740			Satellite Earth Stations and Systems (SES); (MMES) operating in the 1,5/1,6 GHz bands providing Low Bit Rate Data Communications (LBRDC) in the Maritime Mobile Satellite Service (MMSS), not intended for distress and safety communications
ETS 300 784			Satellite Earth Stations and Systems (SES); Television Receive-Only (TVRO) satellite earth stations operating in the 11/12 GHz frequency bands
EN 302 186			Satellite Earth Stations and Systems (SES); Harmonized EN for satellite mobile Aircraft Earth Stations (AESs) operating in the 11/12/14 GHz frequency bands covering essential requirements under article 3.2 of the R&TTE directive
EN 302 340			Satellite Earth Stations and Systems (SES); Harmonized EN for Satellite Earth Stations on board Vessels (ESVs) operating in the 11/12/14 GHz frequency bands allocated to the Fixed Satellite Service (FSS) covering essential requirements under article 3.2 of the R&TTE directive
EN 301 473			Satellite Earth Stations and Systems (SES); Aircraft Earth Stations (AES) operating under the Aeronautical Mobile Satellite Service (AMSS)/Mobile Satellite Service (MSS) and/or the Aeronautical Mobile Satellite on Route Service (AMS(R)S)/Mobile Satellite Service (MSS)
TS 101 136			Satellite Earth Stations and Systems (SES); Guidance for general purpose earth stations transmitting in the 5,7 GHz to 30,0 GHz frequency bands towards geostationary satellites and not covered by other ETSI specifications or standards
	BAPT 213 ZV 10 (Entwurf)		Zulassungsvorschrift für ortsfest betriebene Satelliten-Erdfunkstellen mit großen Antennen
	BAPT 222 ZV 33		Zulassungsvorschrift für Schiffserdfunkstellen zur Datenübertragung mit niedriger Bitrate für das weltweite Seenot- und Sicherheitsfunksystem

Prüfbereich / Test Section		Satellitenfunk / Satellite Radio	
Europe	Germany	others	Title
	RegTP 323 ZV 10		Zulassungsvorschrift für sendefähige ortsfeste Satelliten-Erdfunkstellen, die im Frequenzbereich von 1,6 GHz bis 18,4 GHz betrieben werden und nicht VSAT bzw. SNG zuzuordnen sind
	RegTP 324 ZV 34		Zulassungsvorschrift für Schiffserdfunkstellen zur Datenübertragung mit niedriger Bitrate
	RegTP SSB FES 001 (Entwurf)		Schnittstellenbeschreibung für sendefähige ortsfeste Satelliten-Erdfunkstellen, die im Frequenzbereich von 1,6 GHz bis 18,4 GHz betrieben werden und nicht VSAT bzw. SNG zuzuordnen sind
	RegTP SSB FES 002 (Entwurf)		Schnittstellenbeschreibung für Satellitensendefunkanlagen im Frequenzbereich von 29,5 GHz bis 30,0 GHz

B.2 Navigationsfunk / Navigation radio

Prüfbereich / Test Section		Navigationsfunk / Navigation radio	
Europe	Germany	others	Title
EN 60 936-1			Maritime navigation and radio communication equipment and systems-Radar – Part 1: Shipborne radar – Performance requirements – Methods of testing and required test results
EN 61 097 – 1			Global maritime distress and safety system (GMDSS) – Part 1: Radar transponder – Marine search and rescue (SART) – Operational and performance requirements – Methods of testing and required test results
EN 302 054-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Meteorological Aids (Met Aids); Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW; Part 1: Technical characteristics and test methods
EN 302 054-2			...; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
	BAPT 211 ZV 005/33		Zulassungsvorschrift für Schiffsradaranlagen
	RegTP 321 ZV 006		Zulassungsvorschrift für Landradaranlagen des Ortungsfunkdienstes
	RegTP 321 ZV 044 (Entwurf)		Zulassungsvorschrift für Windprofiler Radaranlagen
	RegTP 321 ZV 045		Zulassungsvorschrift für Radar-Zielverstärker
	RegTP SSB FL 001		Schnittstellenbeschreibung für Landradaranlagen des Navigationsfunks

Prüfbereich / Test Section		Navigationsfunk / Navigation radio	
Europe	Germany	others	Title
	RegTP SSB FL 003		Schnittstellenbeschreibung für Sekundärradaranlagen
	RegTP SSB OR 001		Schnittstellenbeschreibung für Landradaranlagen des Ortungsfunkdienstes
	RegTP SSB OR-N 006		Schnittstellenbeschreibung für Radar-Zielverstärker

B.3 Antennen / Antennas

Prüfbereich / Test Section		Antennen / Antennas	
Europe	Germany	others	Title
EN 61 114 – 2			Methods of measurements 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 300 631			Fixed Radio Systems; Point-to-Point Antennas; Antennas for Point-to-Point fixed radio systems in the 1 GHz to 3 GHz band
EN 300 631-1			Transmission and Multiplexing TM ; Digital Radio Relay Systems (DRRS); Part 1: Antennas for Point-to-Point (P-P) radio links in the 1 GHz to 3 GHz band
EN 301 215-2			...; Part 2: 24 GHz to 30 GHz
EN 301 525			Point to Multipoint Antennas; Antennas for Point-to-Multipoint fixed radio systems in the 1 GHz to 3 GHz band
EN 301 753			Fixed Radio Systems; Multipoint equipment and antennas; Generic harmonized standard for multipoint digital fixed radio systems and antennas covering the essential requirements under article 3.2 of the Directive 1999/5/EC
EN 302 085			Fixed Radio Systems; Point-to-Multipoint Antennas; Antennas for point-to-multipoint fixed radio systems in the 3 GHz to 11 GHz band
EN 302 217-4-1			Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 4-1: System-dependent requirements for antennas
EN 302 217-4-2			...; Part 4-2: Harmonized EN covering essential requirements of Article 3.2 of R&TTE Directive for antennas
EN 300 833			Fixed Radio Systems; Multipoint equipment and antennas; Generic harmonized standard for multipoint digital fixed radio systems and antennas covering the essential requirements under article 3.2 of the Directive 1999/5/EC

Prüfbereich / Test Section		Antennen / Antennas	
Europe	Germany	others	Title
	DIN IEC 936		Radar für die Seeschifffahrt; Betriebstechnische und Leistungs-Anforderungen; Prüfverfahren und geforderte Prüfergebnisse (identisch mit IEC 936 : 1988) (nur Antennenparameter)
		IEC 60 510-2-1	Methods of measurement for radio equipment used in satellite earth stations. Part 2: Measurements for sub-systems. Section One: General - Section Two: Antenna (including feed network)

B.4 Flugfunk / Aeronautical Radio

Prüfbereich / Test Section		Flugfunk / Aeronautical Radio	
Europe	Germany	others	Title
EN 300 152 (nur Funkanteil)			<i>Radio Equipment and Systems (RES); Maritime Emergency Position Indicating Radio Beacons (EPIRBs) intended for use on the frequency 121.5 MHz or the frequencies 121.5 MHz and 243 MHz for homing purposes only Technical characteristics and methods of measurement</i>
EN 300 152-1 (nur Funkanteil)			ElectroMagnetic Compatibility and Radio Spectrum Matters (ERM); Maritime Emergency Position Indicating Radio Beacons (EPIRBs) intended for use on the frequency 121,5 MHz or the frequencies 121,5 MHz and 243 MHz for homing purposes only; Part 1: Technical characteristics and methods of measurement
EN 300 152-2 (nur Funkanteil)			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 300 152-3 (nur Funkanteil)			...; Part 3: Harmonized EN covering essential requirements of article 3.3 (e) of the R&TTE Directive
EN 300 066 (nur Funkanteil)			ElectroMagnetic Compatibility and Radio Spectrum Matters (ERM); Float-free maritime satellite Emergency Position Indicating Radio Beacons (EPIRBs) operating in the 406,0 MHz to 406,1 MHz frequency band; Technical characteristics and methods of measurement
ETS 300 372 (nur Funkanteil)			Radio Equipment and Systems (RES); Technical characteristics and methods of measurement for maritime float-free satellite Emergency Position Indicating Radio Beacon (EPIRB) operating in the 1,6 GHz band trough geostationary satellites

Prüfbereich / Test Section		Flugfunk / Aeronautical Radio	
Europe	Germany	others	Title
EN 300 676			Electromagnetic compatibility and Radio spectrum Matters (ERM); Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation; Part 1: Technical characteristics and methods of measurement
EUROCAE-ED-23B			Minimum Operational Performance Specification for Airborne VHF Receiver – Transmitter operating in the Frequency Range 117.975 – 136.975 MHz
EUROCAE-ED-62			Minimum Operational Performance Specification for Aircraft Emergency Locator Transmitters (ELT; 121.5/243 MHz and 406 MHz)
	BAPT 211 TV 025/152		Technische Vorschrift für Seenotfunkbaken zur Kennzeichnung der Notposition (121,5/243 MHz)
	BAPT 222 TV 41		TV für Satellitennotfunksender zur Kennzeichnung der Notposition im COSPAS/SARSAT-System auf 406,025 MHz im Flugfunkdienst
	BAPT 222 ZV 50		Zulassungsvorschrift für die Funkschnittstelle von Luftfahrzeugen im TFTS-Funknetz
	BAPT 222 ZV 51		Zulassungsvorschrift für die Funkschnittstelle von Bodenstationen (Ground Stations) im TFTS-Funknetz
	RegTP 321 ZV 018		Zulassungsvorschrift für Satelliten-Seenotfunkbaken zur Kennzeichnung der Notposition im 1,6 GHz-Band
	RegTP 321 ZV 021		Zulassungsvorschrift für Satelliten-Seenotfunkbaken zur Kennzeichnung der Notposition im COSPAS-SARSAT-System auf 406,025 MHz
	RegTP 321 ZV 034		Zulassungsvorschrift für UKW-Sprechfunkanlagen des beweglichen Flugfunks (Luftfunkstellen)
	RegTP 321 ZV 039		Zulassungsvorschrift für UKW-Sprechfunkanlagen des festen Flugfunkdienstes (Bodenfunkstellen)
		IEC 61 097-5	Global maritime distress and safety system (GMDSS) - Part 5: Inmarsat-E - Emergency position indicating radio beacon (EPIRB) operating through the Inmarsat system - Operational and performance requirements, methods of testing and required test results

B.5 Richtfunk, WiMax / Microwave radio relay, WiMax

Prüfbereich / Test Section		Richtfunk, WiMax / Microwave radio relay, WiMax	
Europe	Germany	others	Title
EN 300 197			Fixed Radio Systems; Point-to-point equipment; Parameters for radio systems for the transmission of digital signals operating at 32 GHz and 38 GHz
EN 300 198			Transmission and Multiplexing (TM); Parameters for radio relay systems for the transmission of digital signals and analogue video signals operating at 23 GHz
EN 300 234			Fixed Radio Systems; Point-to-point equipment; High capacity digital radio systems carrying 1 x STM-1 signals and operating in frequency bands with about 30 MHz channel spacing and alternated arrangements
EN 300 407			Fixed Radio Systems; Point-to-point equipment; Parameters for digital radio systems for the transmission of digital signals operating at 55 GHz
EN 300 408			Fixed Radio Systems; Point-to-point equipment; Parameters for digital radio systems for the transmission of digital signals and analogue video signals operating at around 58 GHz, which do not require co-ordinated frequency planning
EN 300 430			Fixed Radio Systems, Point-to-point equipment Parameters for radio systems for the transmission of STM-1 digital signals operating in the 18 GHz frequency band with channel spacing of 55 MHz and 27,5 MHz
EN 300 431			Fixed Radio Systems ;Point-to-point equipment; Parameters for radio system for the transmission of digital signals operating in the frequency range 24,50 GHz to 29,50 GHz
EN 300 630			Fixed Radio Systems; Point-to-point equipment; Low capacity point-to-point digital radio systems operating in the 1,4 GHz frequency band
EN 300 632			Transmission and Multiplexing (TM); Fixed radio link equipment for the transmission of analogue video signals operating in the frequency bands 24,25 GHz to 29,50 GHz and 31,0 GHz to 31,8 GHz
EN 300 633			Fixed Radio Systems; Point-to-point equipment; Low and medium capacity point-to-point digital radio systems operating in the frequency range 2,1 GHz to 2,6 GHz
EN 300 636			Fixed Radio Systems; Point-to-multipoint equipment; Time Division Multiple Access (TDMA); Point-to-multipoint digital radio systems in frequency bands in the range 1 GHz to 3 GHz

Prüfbereich / Test Section		Richtfunk, WiMax / Microwave radio relay, WiMax	
Europe	Germany	others	Title
ETS 300 638			Transmission and Multiplexing (TM); Digital Radio Relay Systems (DRRS); Fixed point-to-point radio link equipment for the transmission of digital signals and analogue video signal operating at frequency bands 10 GHz and 14 GHz with 20 MHz alternate channel spacing
EN 300 639			Fixed Radio Systems; Point-to-point equipment; Sub-STM-1 digital radio systems operating in the 13 GHz, 15 GHz and 18 GHz frequency bands with about 28 MHz co-polar and 14 MHz cross-polar channel spacing
EN 300 786			Fixed Radio Systems; Point-to-point equipment; Sub-STM-1 digital radio systems operating in the 13 GHz, 15 GHz and 18 GHz frequency bands with about 14 MHz co-polar channel spacing
EN 301 021			Fixed Radio Systems; Point-to-multipoint equipment; Time Division Multiple Access (TDMA); Point-to-multipoint digital radio systems in frequency bands in the range 3 GHz to 11 GHz
EN 301 055			Fixed Radio Systems; Point-to-multipoint equipment; Direct Sequence Code Division Multiple Access (DS-CDMA); Point-to-multipoint digital radio systems in frequency bands in the range 1 GHz to 3 GHz
EN 301 080			Fixed Radio Systems; Point-to-multipoint equipment; Frequency Division Multiple Access (FDMA); Point-to-multipoint digital radio systems in frequency bands in the range 3 GHz to 11 GHz
EN 301 124			Fixed Radio Systems; Point-to-multipoint equipment; Direct Sequence Code Division Multiple Access (DS-CDMA) point-to-multipoint digital radio systems in frequency bands in the range 3 GHz to 11 GHz
EN 301 126-1			Fixed Radio Systems; Conformance testing; Part 1: Point-to-Point equipment – Definitions, general requirements and test procedures
EN 301 127			Fixed Radio Systems; Point-to-point equipment; High capacity digital radio systems carrying SDH signals (up to 2 x STM-1) in frequency bands with about 30 MHz channel spacing and using co-polar arrangements or Co-Channel Dual Polarized (CCDP) operation
EN 301 128			Fixed Radio Systems; Point-to-point equipment; Plesiochronous Digital Hierarchy (PDH); Low and medium capacity digital radio systems operating in the 13 GHz, 15 GHz and 18 GHz frequency bands

Prüfbereich / Test Section		Richtfunk, WiMax / Microwave radio relay, WiMax	
Europe	Germany	others	Title
EN 301 179			Fixed Radio Systems; Point-to-multipoint equipment; Frequency Hopping Code Division Multiple Access (FH-CDMA); Point-to-multipoint Digital Radio Relay Systems (DRRS) in the bands within the range 1 GHz to 3 GHz
EN 301 213-1			Fixed Radio Systems; Point-to-multipoint equipment; Point-to-multipoint digital radio systems in frequency bands in the range 24,25 GHz to 29,5 GHz using different access methods; Part 1: Basic parameters
EN 301 213-2			...; Part 2: Frequency Division Multiple Access (FDMA) methods
EN 301 213-3			...; Part 3: Time Division Multiple Access (TDMA) methods
EN 301 216			Fixed Radio Systems; Point-to-point equipment; Plesiochronous Digital Hierarchy (PDH); Low and medium capacity and STM-0 digital radio system operating in the frequency bands in the range 3 GHz to 11 GHz
EN 301 253			Fixed Radio Systems; Point-to-multipoint equipment; Frequency Hopping Code Division Multiple Access (FH-CDMA); Point-to-multipoint digital radio systems in frequency bands in the range 3 GHz to 11 GHz
EN 301 277			Fixed Radio Systems; Point-to-point equipment; High capacity digital radio systems transmitting STM-4 or 4 x STM-1 in a 40 MHz radio frequency channel using Co-Channel Dual Polarized (CCDP) operation
EN 301 373			Fixed Radio Systems; Point-to-multipoint equipment; Frequency Division Multiple Access (FDMA); Point-to-multipoint digital radio systems in frequency bands in the range 1 GHz to 3 GHz
EN 301 387			Fixed Radio Systems; Point-to-point equipment; Plesiochronous Digital Hierarchy (PDH); Low and medium capacity digital radio systems operating in the frequency band 48,5 GHz to 50,2 GHz
EN 301 390			Fixed Radio Systems; Point-to-point and Multipoint Systems; Spurious emissions and receiver immunity limits at equipment/antenna port of Digital Fixed Radio Systems
EN 301 461			Fixed Radio Systems; Point-to-point equipment; High capacity fixed radio systems carrying SDH signals (2 x STM-1) in frequency bands with 40 MHz channel spacing and using Co-Channel Dual Polarized (CCDP) operation

Prüfbereich / Test Section		Richtfunk, WiMax / Microwave radio relay, WiMax	
Europe	Germany	others	Title
EN 301 744			Fixed Radio Systems; Point-to-multipoint equipment; Direct Sequence Code Division/Time Division Multiple Access (DS-CD/TDMA); Point-to-multipoint digital packet radio systems in frequency bands in the range 3 GHz to 11 GHz
EN 301 751			Fixed Radio Systems; Point-to-point equipments and antennas; Generic harmonized standard for Point-to-point digital fixed radio systems and antennas covering the essential requirements under article 3.2 of the 1999/5/EC Directive
EN 301 753			Fixed Radio Systems; Multipoint equipments and antennas; Generic harmonized standard for digital fixed radio systems and antennas covering the essential requirements under Article 3.2 of the Directive 1999/5/EC.
EN 301 783-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Land Mobile Service; Commercially available amateur radio equipment; Part 1: Technical characteristics and methods of measurement
EN 301 783-2			...; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
prETS 300 432			Fixed Radio Systems; Point-to-point equipment; High capacity digital radio systems carrying 1 x STM-1 signals and operating in frequency bands with about 30 MHz channel spacing and alternated arrangement
EN 300 197			Fixed Radio Systems; Point-to-point equipment; Parameters for radio systems for the transmission of digital signals operating at 32 GHz and 38 GHz
EN 301 997-1			Transmission and Multiplexing (TM); Multipoint equipment; Radio Equipment for use in Multimedia Wireless Systems (MWS) in the frequency band 40,5 GHz to 43,5 GHz; Part 1: General requirement
EN 301 997-2			...;Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 302 217-1			Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 1: Overview and system-independent common characteristics
EN 302 217-2-1			...; Part 2-1: System-dependent requirements for digital systems operating in frequency bands where frequency co-ordination is applied

Prüfbereich / Test Section		Richtfunk, WiMax / Microwave radio relay, WiMax	
Europe	Germany	others	Title
EN 302 217-2-2			...; Part 2-2: Harmonized EN covering essential requirements of Article 3.2 of R&TTE Directive for digital systems operating in frequency bands where frequency co-ordination is applied
EN 302 217-3			...; Part 3: Harmonized EN covering essential requirements of Article 3.2 of R&TTE Directive for equipment operating in frequency bands where no frequency co-ordination is applied
EN 302 326-1			Fixed Radio Systems; Multipoint Equipment and Antennas; Part 1: Overview and Requirements for Digital Multipoint Radio Systems
EN 302 326-2			...; Part 2: Harmonized EN covering the essential requirements of Article 3.2 of the R&TTE Directive for Digital Multipoint Radio Equipment
EN 302 326-3			...; Part 3: Harmonized EN covering the essential requirements of Article 3.2 of the R&TTE Directive for multipoint Radio Antennas
	BAPT 211 ZV 01/7		Zulassungsvorschrift für Mehrkanal-Richtfunkanlagen des festen Funkdienstes im 7 GHz-Bereich
	BAPT 211 ZV 02/23		Zulassungsvorschrift für Digital-Richtfunkanlagen des festen Funkdienstes im 23 GHz-Bereich
	BAPT 211 ZV 11/26		Zulassungsvorschrift für Digital-Richtfunkanlagen des festen Funkdienstes im 26 GHz-Bereich
	BAPT 211 ZV 12/38		Zulassungsvorschrift für Digital-Richtfunkanlagen des festen Funkdienstes im 38 GHz-Bereich
	BAPT 211 ZV 13/4		Zulassungsvorschrift für Digital-Richtfunkanlagen des festen Funkdienstes im 4 GHz-Bereich
	BAPT 211 ZV 20/6,8		Zulassungsvorschrift für Digital-Richtfunkanlagen des festen Funkdienstes im oberen 6 GHz-Bereich
	BAPT 211 ZV 27/13		Zulassungsvorschrift für Digital-Richtfunkanlagen des festen Funkdienstes im 13 GHz-Bereich
	BAPT 211 ZV 28/28		Zulassungsvorschrift für Digital-Richtfunkanlagen des festen Funkdienstes im 28 GHz-Bereich
	RegTP 321 ZV 038		Zulassungsvorschrift für Digitalrichtfunkanlagen des festen Funkdienstes im 15-GHz-Bereich
	RegTP 321 ZV 040		Zulassungsvorschrift für Punkt-zu-Multipunkt-Digital-Richtfunkanlagen des festen Funkdienstes im 26-GHz-Bereich mit verschiedenen Zugriffsverfahren (FDMA, TDMA, CDMA)
	RegTP 321 ZV 042		Zulassungsvorschrift für Punkt-zu-Punkt Digital-Richtfunkanlagen des festen Funkdienstes im 3,5-GHz-Bereich mit verschiedenen Zugriffsverfahren (FDMA, TDMA, CDMA)

Prüfbereich / Test Section		Richtfunk, WiMax / Microwave radio relay, WiMax	
Europe	Germany	others	Title
	RegTP 321 ZV 046 (Entwurf)		Zulassungsvorschrift für Punkt-zu-Punkt Digital-Richtfunkanlagen des festen Funkdienstes im 6,2-GHz-Bereich
	RegTP 321 ZV 047		Zulassungsvorschrift für Punkt-zu-Mehrpunkt-Digital-Richtfunkanlagen des festen Funkdienstes im 2,6-GHz-Bereich mit verschiedenen Zugriffsverfahren (FDMA, TDMA, CDMA)
	RegTP 321 ZV 048		Zulassungsvorschrift für Fernseh-Reportage-Funkanlagen im 10-GHz-Bereich
	RegTP 321 ZV 049		Zulassungsvorschrift für Punkt-zu-Punkt Digital-Richtfunkanlagen des festen Funkdienstes im 18-GHz-Bereich
	RegTP 321 ZV 054		Zulassungsvorschrift für Schmalband Punkt-zu-Punkt Digital-Richtfunkanlagen des festen Funkdienstes im 7-GHz-Bereich
	RegTP 321 ZV 056 (Entwurf)		Zulassungsvorschrift für Richtfunkanlagen des festen Funkdienstes im 58 GHz-Bereich
	RegTP 323 ZV 011		Zulassungsvorschrift für MVDS-Sender zur Verteilung digitaler TV-Rundfunksignale im Frequenzbereich 40,5 bis 42,5 GHz
	RegTP SSB FE-OE 001		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 13-GHz-Bereich
	RegTP SSB FE-OE 002		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 4-GHz-Bereich
	RegTP SSB FE-OE 003		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 7-GHz-Bereich
	RegTP SSB FE-OE 004		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 23-GHz-Bereich
	RegTP SSB FE-OE 005		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 26-GHz-Bereich
	RegTP SSB FE-OE 006		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 38-GHz-Bereich
	RegTP SSB FE-OE 008		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 15-GHz-Bereich
	RegTP SSB FE-OE 013		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 18-GHz-Bereich

Prüfbereich / Test Section		Richtfunk, WiMax / Microwave radio relay, WiMax	
Europe	Germany	others	Title
	RegTP SSB FE- OE 015		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 6,8-GHz-Bereich
	RegTP SSB FE- OE 016		Schnittstellenbeschreibung für Punkt-zu-Punkt-Digital-Richtfunkanlagen des festen Funkdienstes im 6,2-GHz-Bereich

B.6 Betriebs- und Bündelfunk / Trunked radio systems & PMR Radio

Prüfbereich / Test Section		Betriebs- und Bündelfunk / Trunked radio systems & PMR Radio	
Europe	Germany	others	Title
EN 300 086-1			<i>Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Land Mobile Service; Radio equipment with an internal or external RF connector intended primarily for analogue speech; Part 1: Technical characteristics and methods of measurement</i>
EN 300 086-2			... Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 113-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Part 1: Technical characteristics and methods of measurement
EN 300 113-2			... Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 219-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Land Mobile Service; Radio equipment transmitting signals to initiate a specific response in the receiver; Part 1: Technical characteristics and methods of measurement
EN 300 219-2			...; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 296-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Part 1: Technical characteristics and methods of measurement
EN 300 296-2			...; Part 2: Harmonised EN covering essential requirements under article 3.2 of the R&TTE Directive

Prüfbereich / <i>Test Section</i>		Betriebs- und Bündelfunk / <i>Trunked radio systems & PMR Radio</i>	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
EN 300 341-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Land Mobile Service (RP 02); Radio equipment using an integral antenna transmitting signals to initiate a specific response in the receiver; Part 1: Technical characteristics and methods of measurement
EN 300 341-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 300 390-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Land Mobile Service; Radio equipment intended for the transmission of data (and speech) and using an integral antenna; Part 1: Technical characteristics and test conditions
EN 300 390-2			...; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 793			Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Presentation of equipment for type testing
ETS 300 086			Radio Equipment and Systems (RES); Land mobile group; Technical characteristics and test conditions for radio equipment with an internal or external RF connector intended primarily for analogue speech
ETS 300 113			Radio Equipment and Systems (RES); Land mobile service; Technical characteristics and test conditions for radio equipment intended for the transmission of data (and speech) and having an antenna connector
ETS 300 296			Radio Equipment and Systems (RES); Land mobile service; Technical characteristics and test conditions for radio equipment using integral antennas intended primarily for analogue speech
ETS 300 341			Radio Equipment and System (RES); Land mobile service; Technical characteristics and test conditions for radio equipment using an integral antenna transmitting signals to initiate a specific response in the receiver
	BAPT 222 ZV 11		Zulassungsvorschrift für Repeater in Bündel- und Datenfunknetzen
	BAPT 222 ZV 14		Zulassungsvorschrift für Relaisfunkstellen mit Frequenzumsetzung in Datenfunknetzen
	RegTP 324 ZV 52		Zulassungsvorschrift für Repeater im nichtöffentlichen mobilen Landfunk (Betriebsfunk)
	RegTP SSB LA 100		Schnittstellenbeschreibung für Funkanlagen des schmalbandigen Betriebs- und Bündelfunks

Prüfbereich / Test Section		Betriebs- und Bündelfunk / Trunked radio systems & PMR Radio	
Europe	Germany	others	Title
	RegTP SSB LA 143		Schnittstellenbeschreibung für Funkanlagen des weitbandigen Betriebs- und Bündelfunks innerhalb der gepaarten Frequenzbereiche 451-455,74 MHz und 461-465,74 MHz

B.7 Funkrufdienste / Paging systems

Prüfbereich / Test Section		Funkrufdienste / Paging systems	
Europe	Germany	others	Title
EN 300 224-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); On-site paging service; Part 1: Technical and functional characteristics, including test methods
EN 300 224-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive

B.8 Nichtöffentliche Funkanwendungen / Non-public radio mit / incl. WLAN, SRD, RFID

Prüfbereich / Test Section		Nichtöffentliche Funkanwendungen / Non-public radio mit / incl. WLAN, SRD, RFID	
Europe	Germany	others	Title
EN 50 065-1			Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz -- Part 1: General requirements, frequency bands and electromagnetic disturbances
EN 300 135-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Angle-modulated Citizens Band radio equipment (CEPT PR 27 Radio Equipment); Part 1: Technical characteristics and methods of measurement
EN 300 135-2			...; Part 2: Harmonized EN covering essential requirements under article 3.2 of R&TTE Directive
EN 300 152-2			Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime Emergency Position Indicating Radio Beacons (EPIRBs) intended for use on the frequency 121,5 MHz or the frequencies 121,5 MHz and 243 MHz for homing purposes only; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 300 162-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Part 1: Technical characteristics and methods of measurement
EN 300 162-2			...; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive

Prüfbereich / Test Section		Nichtöffentliche Funkanwendungen / Non-public radio mit / incl. WLAN, SRD, RFID	
Europe	Germany	others	Title
EN 300 162-3			...; Part 3: Harmonized EN covering essential requirements of 3.3 (e) of the R&TTE Directive
EN 300 220-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods
EN 300 220-2			...; Part 2: Supplementary parameters not intended for regulatory purposes
EN 300 220-3			...; Part 3: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 328			Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 328-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques; Part 1: Technical characteristics and test conditions
EN 300 328-2			...; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 330			Radio Equipment and Systems (RES); Short Range Devices (SRDs); Technical characteristics and test methods for radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz
EN 300 330-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Part 1: Technical characteristics and test methods
EN 300 330-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 300 422-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 1: Technical characteristics and test methods
EN 300 422-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive

Prüfbereich / Test Section		Nichtöffentliche Funkanwendungen / Non-public radio mit / incl. WLAN, SRD, RFID	
Europe	Germany	others	Title
EN 300 433-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Land Mobile Service; Double Side Band (DSB) and/or Single Side Band (SSB) amplitude modulated citizen's band radio equipment; Part 1: Technical characteristics and methods of measurement
EN 300 433-2			...; Part 2: Harmonized EN covering essential requirements under article 3.2 of R&TTE Directive
EN 300 440-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods
EN 300 440-2			...; Part 2: Harmonised EN under article 3.2 of the R&TTE Directive
EN 300 454-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Wide band audio links; Part 1: Technical characteristics and test methods
EN 300 454-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 300 674-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band; Part 1: General characteristics and test methods for Road Side Units (RSU) and On-Board Units (OBU)
EN 300 674-2-1			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 300 674-2-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 300 698-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways; Part 1: Technical characteristics and methods of measurement
EN 300 698-2			...; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive

Prüfbereich / Test Section		Nichtöffentliche Funkanwendungen / Non-public radio mit / incl. WLAN, SRD, RFID	
Europe	Germany	others	Title
EN 300 718-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Avalanche Beacons; Transmitter-receiver systems; Part 1: Technical characteristics and test methods
EN 300 718-2			...; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
EN 300 718-3			...; Part 3: Harmonized EN covering essential requirements of article 3.3e of the R&TTE Directive
EN 300 720-1			ElectroMagnetic Compatibility and Radio Spectrum Matters (ERM); Ultra-High Frequency (UHF) on-board communications systems and equipment; Part 1: Technical characteristics and methods of measurement
EN 300 720-2			...; Part 2: Harmonised EN under article 3.2 of the R&TTE Directive
EN 300 761			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Automatic Vehicle Identification (AVI) for railways
EN 300 761-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Short Range Devices (SRD); automatic Vehicle Identification (AVI) for railways operating in the 2,45 GHz frequency range; Part 1: technical characteristics and methods of measurement
EN 300 761-2			...; Part 2: Harmonized standard covering essential requirements under article 3.2 of the R&TTE Directive
EN 300 836-1			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
EN 301 025-1			Electromagnetic compatibility and Radio spectrum Matters (ERM);VHF radiotelephone equipment for general communications and associated equipment for Class "D" Digital Selective Calling (DSC);Part 1: Technical characteristics and methods of measurement
EN 301 025-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive

Prüfbereich / Test Section		Nichtöffentliche Funkanwendungen / Non-public radio mit / incl. WLAN, SRD, RFID	
Europe	Germany	others	Title
EN 301 091-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Radar equipment operating in the 76 GHz to 77 GHz range; Part 1: Technical characteristics and test methods for radar equipment operating in the 76 GHz to 77 GHz range
EN 301 091-2			...; Part 2: Harmonised EN covering essential requirements of article 3.2 of the R&TTE Directive
EN 301 178-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only); Part 1: Technical characteristics and methods of measurement
EN 301 178-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 301 357-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz; Part 1: Technical characteristics and test methods
EN 301 357-2			Electromagnetic compatibility and Radio spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz; Consumer radio microphones and in-ear monitoring systems operating in the CEPT harmonized band 863 MHz to 865 MHz; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 301 840-1			Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Digital radio microphones operating in the CEPT Harmonized band 1 785 MHz to 1 800 MHz; Part 1: Technical characteristics and methods of measurement
EN 301 840-2			Electromagnetic compatibility and Radio Spectrum Matters (ERM); Digital wireless microphones operating in the range 25 MHz to 3 GHz; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 301 893			Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
ETS 300 224			Radio Equipment and Systems (RES); On-site paging service; Technical and functional characteristics for on-site paging systems, including test methods

Prüfbereich / Test Section		Nichtöffentliche Funkanwendungen / <i>Non-public radio</i> mit / incl. WLAN, SRD, RFID	
Europe	Germany	others	Title
EN 302 064-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless Video Links (WVL) operating in the 1,3 GHz to 50 GHz frequency band; Part 1: Technical characteristics and methods of measurement
EN 302 064-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE directive
EN 302 065			“Electromagnetic compatibility and Radio spectrum Matters (ERM); Ultra WideBand (UWB) technologies for communication purposes; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
EN 302 208-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W; Part 1: Technical requirements and methods of measurement
EN 302 208-2			;Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 302 264-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Radar equipment operating in the 77 GHz to 81 GHz range; Part 1: Technical requirements and methods of measurement
EN 302 264-2			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Radar equipment operating in the 77 GHz to 81 GHz range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
EN 302 288-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz range
EN 302 288-2			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short range radar equipment operating in the 24 GHz range
EN 302 291-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz; Part 1: Technical characteristics and test methods

Prüfbereich / Test Section		Nichtöffentliche Funkanwendungen / Non-public radio mit / incl. WLAN, SRD, RFID	
Europe	Germany	others	Title
EN 302 291-2			...; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive
EN 302 372-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Equipment for Detection and Movement; Tanks Level Probing Radar (TLPR) operating in the frequency bands 5,8 GHz, 10 GHz, 25 GHz, 61 GHz and 77 GHz; ; Part 1: Technical requirements and methods of measurement
EN 302 372-2			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Equipment for Detection and Movement; Tanks Level Probing Radar (TLPR) operating in the frequency bands 5,8 GHz, 10 GHz, 25 GHz, 61 GHz and 77 GHz; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
EN 302 500-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD) using Ultra WideBand (UWB) technology; Location Tracking equipment operating in the frequency range from 6 GHz to 8,5 GHz; Part 1: Technical characteristics and test methods
EN 302 500-2			...; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
EN 302 502			Broadband Radio Access Networks (BRAN); 5,8 GHz fixed broadband data transmitting systems; Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
EN 302 567			Broadband Radio Access Networks (BRAN) 60 GHz Multiple-Gigabit WAS/RLAN Systems; Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive
	Amtsbl. 25/2003, Vfg. 75		Allgemeinzuteilung der Frequenzen 300 GHz bis 3000 GHz für die Nutzung durch die Allgemeinheit für nichtöffentliche Funkanwendungen des optischen Richtfunks und Infrarot-Funkanwendungen
	BAPT 122 R 1		Richtlinie für Reportage-Funkanlagen und technische Dienste der öffentlich-rechtlichen Rundfunkanstalten sowie der privaten Rundfunk-Programmanbieter und Programmproduzenten
	BAPT 211 ZV 032/2030		Zulassungsvorschrift für Funkanlagen für Vermessungszwecke
	BAPT 222 TV 22		Technische Vorschrift für grundstücksüberschreitende Personenruf-Funkanlagen gemäß VornöFa

Prüfbereich / Test Section		Nichtöffentliche Funkanwendungen / Non-public radio mit / incl. WLAN, SRD, RFID	
Europe	Germany	others	Title
	BAPT 222 TV 120		Technische Vorschrift für Führungs-Funkanlagen für Fahrschulen zum Ausbilden von Motorrad-Fahrschülern
	BAPT 222 ZV 105		Zulassungsvorschrift für Fernsehfunkanlagen des nichtöffentlichen mobilen Landfunks (nömL) für die Polizeien des Bundes und der Länder im 2,3 GHz-Bereich
	BAPT 222 ZV 106		Zulassungsvorschrift für Fernsehfunkanlagen des nichtöffentlichen mobilen Landfunks (nömL) für industrielle, gewerbliche und wissenschaftliche Zwecke im 2,3 GHz-Bereich
	BAPT 222 ZV 121		Zulassungsvorschrift für Induktionsfunkanlagen mit Schleifenantennen
	BAPT 222 ZV 122		Zulassungsvorschrift für HF-Induktionsfunkanlagen
	BAPT 222 ZV 123		Zulassungsvorschrift für Durchsagefunkanlagen des nömL
	BAPT 222 ZV 124		Zulassungsvorschrift für Funkanlagen für gewerbliche und industrielle Zwecke des nömL
	BAPT 222 ZV 127		Zulassungsvorschrift für Fernwirkfunkanlagen zum Auslösen von Wählvorgängen
	BAPT 222 ZV 129		Zulassungsvorschrift für Funkanlagen zur Fernsteuerung von Modellen
	RegTP 324 ZV 131		Zulassungsvorschrift für Fernwirkfunkanlagen des nichtöffentlichen mobilen Landfunks (nömL) im Frequenzbereich 868-870 MHz
	RegTP 324 ZV 132 (Entwurf)		Zulassungsvorschrift für Alarmfunkanlagen des nichtöffentlichen mobilen Landfunks (nömL) im Frequenzbereich 868-870 MHz
	RegTP SSB LA 126		Schnittstellenbeschreibung für Funkanlagen für breitbandige Datenübertragung innerhalb lokaler Netzwerke (WLAN) im Frequenzbereich 2.400 – 2.483,5 MHz
	RegTP SSB LA 133		Schnittstellenbeschreibung für Funkanlagen für breitbandige Datenübertragung innerhalb lokaler Netzwerke (WLAN) im Frequenzbereich 5150 – 5350 MHz und 5470 – 5725 MHz
	RegTP SSB LA-NOE 025		Schnittstellenbeschreibung für Grundstückspersonenruffunkanlagen und Grundstückssprechfunkanlagen des nichtöffentlichen mobilen Landfunks
	RegTP SSB LA-NOE 102		Schnittstellenbeschreibung für CB-Funkgeräte im Frequenzbereich 26560 kHz – 27410 kHz

Prüfbereich / Test Section		Nichtöffentliche Funkanwendungen / Non-public radio mit / incl. WLAN, SRD, RFID	
Europe	Germany	others	Title
	RegTP SSB LA-NOE 125		Schnittstellenbeschreibung für Funkanlagen mit geringer Reichweite für nichtöffentliche Funkanwendungen allgemeiner Art (Non-specific Short Ranges Devices)
	RegTP SSB LA-NOE 128		Schnittstellenbeschreibung für Funkanlagen für Wetterhilfenfunkdienst
	RegTP SSB LA 144		Schnittstellenbeschreibung für Kraftfahrzeug-Kurzstreckenradare (Short Range Radar, SSR)
	RegTP SSB OR-NN 002		Schnittstellenbeschreibung für Funkbewegungsmelder kleiner Leistungen
	RegTP SSB OR-NN 003		Schnittstellenbeschreibung für Funkbewegungsmelder
	RegTP SSB SE-NOE 001		Schnittstellenbeschreibung für Seenotfunkbaken zur Kennzeichnung der Notposition auf den Frequenzen 121,5 MHz und 243 MHz zum Zweck der Zielfahrt
	RegTP SSB OR-NOE 201		Schnittstellenbeschreibung für Funkanlagen für Identifizierungszwecke
		Australia: AS/NZS 4268	Radio Equipment and systems – Short ranges devices – Limits and methods of measurements
		UK: MPT 1349	Transmitters and receivers for use in the microwave bands allocated to low power applications

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Bereich	Verantwortlicher
B.1: Satellitenfunk	Herren Salvamoser, Gerald und Stamber
B.2: Navigationsfunk	Herren Gerald und Stamber
B.3: Antennen	Herren Vogler, Oelmann und Bertolino
B.4 / B.5: Flugfunk, Richtfunk und WiMax	Herr Gerald und Stamber
B.6: Betriebs- und Bündelfunk	Herren Berg, Bös und Reschke
B.7: Funkrufdienste	Herren Berg, Bös und Muyunga
B.8: Nichtöffentliche Funkanwendungen	Herren Berg, Bertolino, Bös, Reschke und Muyunga

C Mobilfunk (GSM / DCS) + OTA

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
Mobilfunk <i>Mobile Communications</i> Over The Air (OTA) Performance		Siehe nachfolgende Auflistung, jeweils die aktuelle Version <i>See following listing, each the current version</i>

Titel der vorstehend genannten zugrunde liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

C.1 Mobilfunk / Mobile Communications

Prüfbereich / Test Section		Mobilfunk / Mobile Communications	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
EN 301 502			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 (GSM 13.21 version 8.1.2 Release 1999) (ohne Basisstationen)
EN 301 511			Global system for mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands covering essential requirements under Article 3.2 of the R&TTE Directive (1999/5/EC)
EN 301 908-1	DIN EN 301 908-1		Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering essential requirements of article 3.2 of the R&TTE Directive (ohne Basisstationen)
EN 301 908-2	DIN EN 301 908-2		Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 2: Harmonized EN for IMT-2000, CDMA Direct Spread /UTRA FDD (UE), covering essential requirements of article 3.2 of the R&TTE Directive (ohne Basisstationen)
ETS 300 609-4			Digital cellular telecommunications system (Phase 2 and Phase 2+); Base Station System (BSS) equipment specification; Part 4: Repeaters
	BAPT 222 ZV 15		Zulassungsvorschrift für Repeater in den Funknetzen D und E

Prüfbereich / Test Section		Mobilfunk / Mobile Communications	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
	RegTP SSB LA-OE 017		Schnittstellenbeschreibung für die Funkschnittstelle von Basisstationen der Phase 2 und 2+ in GSM 900- und DCS 1800-Mobilfunknetzen
		3GPP TS 34.121	"3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Terminal conformance specification; Radio transmission and reception (FDD)"
		3GPP TS 51.010-1	3rd Generation Partnership Project; Technical Specification Group GSM/EDGE Radio Access Network; Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 1: Conformance specification (nur Rad. Spurious emission)
		3GPP TS 25.101	"3rd Generation Partnership Project; Technical Specification Group Radio Access Network; User Equipment (UE) radio transmission and reception (FDD)"

C.2 OTA

Prüfbereich / Test Section		Over The Air (OTA) Performance	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
		Over The Air (OTA) Performance	CTIA "Test Plan for Mobile Station Over the Air Performance"
		3GPP TS 25.144	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; User Equipment (UE) and Mobile Station (MS) over the air performance requirements
		3GPP TS 34.114	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; User Equipment (UE) / Mobile Station (MS) Over The Air (OTA) antenna performance; Conformance testing
		Over The Air (OTA) Performance	CTIA + Wi-Fi Alliance "Test Plan for RF Performance Evaluation of Wi-Fi Mobile Converged Devices"

Anlage zur Akkreditierungsurkunde D-PL-12076-01-01

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Bereich	Verantwortlicher
C.1: GSM / PCN / PCS Mobile Kommunikation, EMC-Aspekte	Herren Höhn, Rebmann und Burkholz
C.1: GSM / PCN / PCS Mobile Kommunikation, Funk-Aspekte	HerrenBerg, Bertolino, Bös, Muyunga und Reschke
C.2: OTA	Herren, Oelmann, Salvamoser, Stamber und Frau Kirsch

D Elektromagnetische Verträglichkeit (EMC)

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
Elektromagnetische Verträglichkeit <i>Electromagnetic Compatibility</i> Hearing Aids Capability (HAC)	Grundnormen; Fachgrundnormen; Produktnormen; <i>Basic Standards;</i> <i>Generic Standards;</i> <i>Product Standards;</i>	Siehe nachfolgende Auflistung <i>See following listing, each the current version</i>

Titel der vorstehend genannten zugrunde liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

D.1 Grundnormen / Basic Standards

Prüfbereich / Test Section		Grundnormen / Basic Standards	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
EN 61 000-3-2	DIN EN 61 000-3-2	IEC 61 000-3-2	Electromagnetic compatibility (EMC) -- Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)
EN 61 000-3-3	DIN EN 61 000-3-3	IEC 61 000-3-3	... -- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection
EN 61 000-4-2	DIN EN 61 000-4-2	IEC 61 000-4-2	... -- Part 4-2: Testing and measurement techniques – electrostatic discharge immunity test
EN 61 000-4-3	DIN EN 61 000-4-3	IEC 61 000-4-3	... -- Part 4-3: Testing and measurement techniques – radiated, radio frequency, electromagnetic field immunity test
EN 61 000-4-4	DIN EN 61 000-4-4	IEC 61 000-4-4	... -- Part 4-4: Testing and measurement techniques – electrical fast transient/burst immunity test
EN 61 000-4-5	DIN EN 61 000-4-5	IEC 61 000-4-5	... -- Part 4-5: Testing and measurement techniques – surge immunity test
EN 61 000-4-6	DIN EN 61 000-4-6	IEC 61 000-4-6	... -- Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields
EN 61 000-4-8	DIN EN 61 000-4-8	IEC 61 000-4-8	... -- Part 4-8: Testing and measurement techniques – power frequency magnetic field immunity test
EN 61 000-4-9	DIN EN 61 000-4-9	IEC 61 000-4-9	... -- Part 4-9: Testing and measurement techniques – pulse magnetic field immunity test
EN 61 000-4-11	DIN EN 61 000-4-11	IEC 61 000-4-11	... -- Part 4-11: Testing and measurement techniques – voltage dips, short interruptions and voltage variations immunity test

D.2 Fachgrundnormen / Generic Standards

Prüfbereich / Test Section		Fachgrundnormen / Generic Standards	
Europe	German	International	Title
EN 61 000-6-1	DIN EN 61 000-6-1	IEC 61 000-6-1	... -- Part 6-1: Generic standards – Immunity for residential, commercial and light-industrial environments
EN 61 000-6-2	DIN EN 61 000-6-2	IEC 61 000-6-2	... -- Part 6-2: Generic standards - Immunity for industrial environments
EN 61 000-6-3	DIN EN 61 000-6-3	IEC 61 000-6-3	... -- Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments
EN 61 000-6-4	DIN EN 61 000-6-4	IEC 61 000-6-4	... -- Part 6-4: Generic standards - Emission standard for industrial environments

D.3 Produktnormen / Product Standards

Prüfbereich / Test Section		Produktnormen / Product Standards	
Europe	German	International	Title
EN 13241-1			Tore- Produktnorm – Teil 1: Produkte ohne Feuer- und Rauchschutzeigenschaften;
EN 50 065-1			Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz -Part 1 : General requirements, frequency bands and Electromagnetic disturbances
EN 50 090-2-2			Home and building electronic Systems (HBES) -Part 2-2: System overview - General technical requirements
EN 50 091-2	DIN EN 50 091-2		Uninterruptible power Systems (UPS) -Part 2: EMC requirements
EN 50 121-4	DIN EN 50 121-4		Railway applications – Elektromagnetic compatibility (EMC) –Part 4: Emission and immunity of signalling and telecommunications apparatus
EN 50 148			Electronic taximeters
EN 50 130-4	DIN EN 50 130-4		Alarm Systems -Part 4: Electromagnetic compatibility - Product family Standard: Immunity requirements for components of fire, intruder and social alarm Systems
EN 50 293	DIN EN 50 293		Elektromagnetic compatibility – Road traffic signal systems – Product standard
EN 50 412-2-1	DIN EN 50412-2-1	VDE 0808-121	Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz -- Part 2-1: Residential, commercial and industrial environment - Immunity requirements
EN 55 011	DIN EN 55 011	IEC/CISPR 11	Industrial, scientific and medical (ISM) radio frequency equipment - Radio disturbances characteristic - Limits and methods of measurement.

Anlage zur Akkreditierungsurkunde D-PL-12076-01-01

Prüfbereich / Test Section		Produktnormen / Product Standards	
Europe	German	International	Title
EN 55 013	DIN EN 55 013	IEC/CISPR 13	Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measu
EN 55 014-1	DIN EN 55 014-1	IEC/CISPR 14-1	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus -Part 1 : Emission
EN 55 014-2	DIN EN 55 014-2	IEC/CISPR 14-2	... -Part 2: Immunity - Product family Standard
EN 55 015	DIN EN 55 015	IEC/CISPR 15	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 55 020	DIN EN 55 020	IEC/CISPR 20	Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement
EN 55 022	DIN EN 55 022	IEC/CISPR 22	Information technology equipment –Radio disturbance characteristics - Limits and methods of measurement
EN 55 024	DIN EN 55 024	IEC/CISPR 24	Information technology equipment -Immunity characteristics - Limits and methods of measurement
EN 55 103-1			Electromagnetic compatibility - Product family Standard for audio, video, audio-visual and entertainment lighting control apparatus for Professional use -Part 1 : Emission
EN 55 103-2			... -Part 2: Immunity
EN 60 118-13			Electroacoustics Hearing aids -Part 13: Electromagnetic compatibility (EMC)
EN 60 439-1			Low-voltage switchgear and controlgear assemblies -Part 1 : Type-tested and partially type-tested assemblies
EN 60 601-1-2	DIN EN 60 601-1-2		Medical electrical equipment -- Part 1-2: General requirements for safety - Collateral standard: Electromagnetic compatibility - Requirements and tests
EN 60 669-2-1			Switches for household and similar fixed electrical installations -- Part 2-1: Particular requirements - Electronic switches
EN 60 669-2-2			... -Part 2: Particular requirements -Section 2: Electromagnetic remote-control Switches (RCS)
EN 60 669-2-3			... -- Part 2-3: Particular requirements - Time-delay switches (TDS)
EN 60 730-1			Automatic electrical controls for household and similar use -Part 1 : General requirements
EN 60 730-2-5			... - Part 2-5: Particular requirements for automatic electrical burner control Systems

Prüfbereich / Test Section		Produktnormen / Product Standards	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
EN 60 730-2-6			... - Part 2: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements
EN 60 730-2-7			... - Part 2: Particular requirements for timers and time Switches
EN 60 730-2-8			... - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements
EN 60 730-2-11			... -Part 2-11: Particular requirements for energy regulators
EN 60 870-2-1			Telecontrol equipment and Systems -Part 2: Operating conditions -Section 1 : Power supply and Electromagnetic compatibility
EN 60 945 (nur EMC)		IEC 945 (nur EMC)	Maritime navigation and radio communication equipment and Systems - General requirements - Methods of testing and required test results
EN 60 947-1			Low-voltage switchgear and controlgear --Part 1 : General rules
EN 60 947-2			... -Part 2: Circuit-breakers
EN 60 947-3			... - --Part 3: Switches, disconnectors, switch-disconnectors and fuse- combination units
EN 60 947-4-1			... -- Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters
EN 60 947-4-2			... -- Part 4-2: Contactors and motor-starters - AC semiconductor motor controllers and starters
EN 60 947-5-1			... -- Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices
EN 60 947-5-2			... -- Part 5-2: Control circuit devices and switching elements - Proximity switches
EN 60 947-6-1			... -- Part 6-1: Multiple function equipment - Transfer switching equipment
EN 60 947-6-2			... -- Part 6-2: Multiple function equipment - Control and protective switching devices (or equipment) (CPS)
EN 60 974-10			Arc welding equipment --Part 10: Electromagnetic compatibility (EMC) requirements
EN 61 008-1			Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) -- Part 1: General rules
EN 61 009-1			Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) -- Part 1: General rules

Prüfbereich / Test Section		Produktnormen / Product Standards	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
EN 61 037			Electricity metering - Tariff and load control - Particular requirements for electronic ripple control receivers
EN 61 038			Electricity metering - Tariff and load controls - Particular requirements for time switches
EN 61 131-2	DIN EN 61 131-2		Programmable Controllers -Part 2: Equipment requirements and tests
EN 61 543			Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility
EN 61 547	DIN EN 61 547		Equipment for general lighting purposes - EMC immunity requirements
EN 61 800-3			Adjustable speed electrical power drive Systems -- Part 3: EMC requirements and specific test methods
EN 61204-3	DIN EN 61204-3		Stromversorgungsgeräte für Niederspannung mit Gleichstromausgang
EN 61326-2-6			Electrical Equipment for measurements, control and laboratory use. EMC requirements. Particular requirements. In vitro diagnostic (IVD) medical equipment.
EN 62 053-11			Electricity metering equipment (a. c.) - Particular requirements -- Part 11: Electromechanical meters for active energy (classes 0,5, 1 and 2)
EN 62 053-21			-Part 21: Static meters for active energy (classes 1 and 2)
EN 62 053-22			-- Part 22: Static meters for active energy (classes 0,2 S and 0,5 S)
EN 300 386			Electromagnetic compatibility and Radio spectrum Matters (ERM); Telecommunications network equipment Electromagnetic Compatibility (EMC) requirements
EN 300 829			Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) for Maritime Mobile Earth Stations (MMES) operating in the 1,5/1,6 GHz bands providing Low Bit Rate Data Communications (LBRDC) for the Global Maritime Distress and Safety System (GMDSS)
EN 301 843-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 1: Common technical requirements
EN 301 843-2			... Part 2: Specific conditions for radiotelephone transmitters and receivers
EN 301 843-4			... Part 4: Specific conditions for Narrow-Band Direct-Printing (NBDP) NAVTEX receivers

Prüfbereich / Test Section		Produktnormen / Product Standards	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
EN 301 489-1			Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1 : Common technical requirements
EN 301 489-2			... Part 2: Specific conditions for radio paging equipment
EN 301 489-3			... Part 3: Specific conditions for Short Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz
EN 301 489-4			... Part 4: Specific conditions for fixed radio links and ancillary equipment and services
EN 301 489-5			... Part 5: Specific conditions for Private land Mobil Radio (PMR) and ancillary equipment (speech and non-speech)
EN 301 489-6			... Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment
EN 301 489-7			... Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)
EN 301 489-8			... Part 8: Specific conditions for GSM base stations
EN 301 489-9			... Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices
EN 301 489-10			...; Part 10: Specific conditions for First (CT1 and CT1+) and Second Generation (CT2) Cordless Telephone equipment
EN 301 489-11			... Part 11: Specific conditions for terrestrial sound broadcasting service transmitters
EN 301 489-12			... Part 12: Specific conditions for Very Small Aperture Terminal, Satellite Interactive Earth Stations operated in the frequency ranges between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS"
EN 301 489-13			...; Part 13: Specific conditions for Citizens' Band (CB) radio and ancillary equipment (speech and non-speech)
EN 301 489-14			... Part 14: Specific conditions for analogue and digital terrestrial TV broadcasting service transmitter"
EN 301 489-15			...; Part 15: Specific conditions for commercially available amateur radio equipment
EN 301 489-16			...; Part 16: Specific conditions for analogue cellular radio communications equipment, mobile and portable
EN 301 489-17			...; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment

Prüfbereich / Test Section		Produktnormen / Product Standards	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
EN 301 489-18			...; Part 18: Specific conditions for Terrestrial Trunked Radio (TETRA) equipment
EN 301 489-19			...; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications
EN 301 489-20			...; Part 20: Specific conditions for Mobile Earth Stations (MES) used in the Mobile Satellite Services (MSS)
EN 301 489-22			...; Part 22: Specific conditions for ground based VHF aeronautical mobile and fixed radio equipment
EN 301 489-23			...; Part 23: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA) Base Station (BS) radio, repeater and ancillary equipment
EN 301 489-24			...; Part 24: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA) for Mobile and portable (UE) radio and ancillary equipment
EN 301 489-25			...; Part 25: Specific conditions for IMT-2000 CDMA Multi-carrier Mobile Stations and ancillary equipment
EN 301 489-26			...; Part 26: Specific conditions for IMT-2000 CDMA Multi-carrier Base Stations and ancillary equipment
EN 301 489-27			...; Part 27: Specific conditions for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P)
EN 301 489-28			...; Part 28: Specific conditions for wireless digital video links
EN 301 489-31			...; Part 31: Specific conditions for equipment in the 9 to 315 kHz band for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P)
EN 301 489-32			Part 32: Specific conditions for Ground and Wall Probing Radar applications
Draft CISPR 22 A2 f9 Ed. 4.0			Amendment to CISPR 22: Clarification of its application to telecommunication system on the method of disturbance measurement at ports used for PLC (Power Line Communication)

Anlage zur Akkreditierungsurkunde D-PL-12076-01-01

Prüfbereich / Test Section		Australian Standards	
<i>Australian</i>	International	Europe	<i>Title</i>
AS/NZS 425.1		EN 50 081-1	Generic
AS/NZS 1044		EN 55 014	Electrical Motor-operated & thermal appliances, electric tools and similar apparatus
AS/NZS 2064		EN 55 011	ISM Equipment
AS/NZS 2772.1			Radio Frequency Fields Part 1 : Maximum Exposure Levels
AS/NZS 2772.2			Radio Frequency Fields Part2: Principles and Methods
AS/ NZS 3548		EN 55 022	Information Technology

D.4 Hearing Aids Capability

Prüfbereich / Test Section		HAC (Hearing Aids Capability)	
	International	Europe	<i>Title</i>
	IEEE C63.19		Methods of Measurement of Compatibility between Wireless Communication Devices and Hearing Aids

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Bereich	Verantwortlicher
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D.4: HAC	Herren Höhn, Rebmann, Vogler und Hnatovskiy

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The accreditation is valid for products which are not mandatory to be tested and/or certificated by third parties.

E Produktsicherheit

Prüfgebiet Test Area	Prüfbereich Test Section	Standard und Zulassungsvorschrift Standard and Approval Regulations
Produktsicherheit Product Safety		Siehe nachfolgende Auflistung, jeweils die aktuelle Version See following listing, each the current version

Titel der vorstehend genannten zugrunde liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

Prüfbereich / Test Section		Produktsicherheit / Product Safety	
Europe	Germany	others	Title
EN 60 065	VDE 0860	IEC 60 065	Audio, video and similar electronic apparatus – Safety requirements (Audio, Video and Similar Electronic Apparatus – Safety Requirements)
EN 60 215	VDE 0866	IEC 60 215	Safety requirements for radio transmitting equipment (Safety requirements for radio transmitting equipment)
EN 60 601-1	VDE 0750 Teil 1	IEC 60 601-1	Medizinische elektrische Geräte – Teil 1: Allgemeine Festlegungen für die Sicherheit (Medical electrical equipment – Part 1: General requirements for safety) ohne Cl. 29, 40, 41, 44, 45, 59 rubber aging
EN 60601-1-1	VDE 0750 Teil 1-1	IEC 60601-1-1	Medizinische elektrische Geräte Teil 1-1 – Allgemeine Festlegungen für die Sicherheit – Ergänzungsnorm: Festlegungen für die Sicherheit von medizinischen elektrischen Systemen (Medical electrical equipment – Part 1: General requirements for safety – Collateral standard: Safety requirements for medical electrical equipment) eingeschränkt auf Cl. 16, 17, 19, 56, 57.10
EN 60 950-1	VDE 0805 Teil 1	IEC 60950-1	Einrichtungen der Informationstechnik – Sicherheit, Teil 1: Allgemeine Anforderungen (Information Technology Equipment – Safety – Part1: General requirements)
EN 60950-21	VDE 0805 Teil 21	IEC 60950-21	Einrichtungen der Informationstechnik – Sicherheit, Teil 21: Fernspeisung (Information technology equipment – Safety – Part 21: Remote power feeding)
EN 60 695-2-2	DIN 60 695-2-2	EN IEC 60 695-2-2	Fire hazard testing – Part 2: Test methods – Section 2: Needle-flame test
EN 60 695-2-4-1	DIN 60695-2-4-1	EN IEC 60695-2-4/1	... -- Part 2: Test methods – Section 4/sheet 1: 1 kW nominal pre-mixed test flame and guidance
EN 60 695-2-10	DIN 60 695-2-10	EN IEC 60 695-2-10	... -- Part 2-10: Glowing/hot-wire based test methods – Glow-wire apparatus and common test procedure

Anlage zur Akkreditierungsurkunde D-PL-12076-01-01

Prüfbereich / Test Section			Produktsicherheit / Product Safety	
<i>Europe</i>	<i>Germany</i>		<i>others</i>	Title
EN 60 695-2-11	DIN 60 695-2-11	EN	IEC 60 695-2-11	... -- Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products
EN 60 695-2-12	DIN 60 695-2-12	EN	IEC 60 695-2-12	... -- Part 2-12: Glowing/hot-wire based test methods – Glow-wire flammability test method for materials
EN 60 695-11-10	DIN 60 695-11-10	EN	IEC 60 695-11-10	... -- Part 11-10: Test flames – 50 W horizontal and vertical flame test methods
EN 60 695-11-20	DIN 60 695-11-20	EN	IEC 60 695-11-20	...-- Part 11-20: Test flames – 500 W flame test methods

Prüfbereich / Test Section		Produktsicherheit / Product Safety	
Europe	Germany	others	Title
		Series IEC/EN 60598-1 IEC/EN 60598-2-1, IEC/EN 60598-2-2, IEC/EN 60598-2-3, IEC/EN 60598-2-4, IEC/EN 60598-2-5, IEC/EN 60598-2-6, IEC/EN 60598-2-7, IEC/EN 60598-2-8, IEC/EN 60598-2-9, IEC/EN 60598-2-10, IEC/EN 60598-2-11, IEC/EN 60598-2-12, IEC/EN 60598-2-13, IEC/EN 60598-2-14, IEC/EN 60598-2-17, IEC/EN 60598-2-18, IEC/EN 60598-2-19, IEC/EN 60598-2-23, IEC/EN 60598-2-25	Luminaires – Part 1: General requirements and tests – Part 2-1: Fixed general purpose luminaires – Part 2-2: Recessed luminaires – Part 2-3: Luminaires for road and street lighting – Part 2-4: Portable general purpose luminaires – Part 2-5: Floodlights – Part 2-6: Luminaires with built-in Transformers for filament lamps – Part 2-7: Portable luminaires for garden use – Part 2-8: Handlamps – Part 2-9: Photo and film luminaires (non-professional) – Part 2-10: Portable luminaires for children – Part 2-11: Aquarium luminaires – Part 2-12: Mains socket-outlet mounted nightlights – Part 2-13: Ground recessed luminaires – Part 2-14: Luminaires for cold cathode tubular discharge lamps (neon tubes) and similar equipment – Part 2-17: Luminaires for stage lighting, television, film and photographic studios (outdoor and indoor) – Part 2-18: Luminaires for swimming pools and similar applications – Part 2-19: Air-handling luminaires (safety requirements) – Part 2-23: Extra low voltage lighting systems for filament lamps – Part 2-25: Luminaires for use in clinical areas of hospitals and health care buildings

Prüfbereich / Test Section		Produktsicherheit / Product Safety	
Europe	Germany	others	Title
		Series IEC/EN 61347-1, (IEC/EN 61347-1, IEC/EN 61347-2-2, IEC/EN 61347-2-3, IEC/EN 61347-2-4, IEC/EN 61347-2-5, IEC/EN 61347-2-7, IEC/EN 61347-2-8, IEC/EN 61347-2-9, IEC/EN 61347-2-10, IEC/EN 61347-2-11, IEC/EN 61347-2-12, IEC/EN 61347-2-13	Lamp controlgear – Part 1: General and safety requirements – Part 2-1: Particular requirements for Starting devices (other than glow starters) – Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps – Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps – Part 2-4: Particular requirements for d.c. supplied electronic ballasts for general lighting – Part 2-5: Particular requirements for d.c. supplied electronic ballasts for public transport lighting – Part 2-7: Particular requirements for d.c. supplied electronic ballasts for emergency lighting – Part 2-8: Particular requirements for ballasts for fluorescent lamps – Part 2-9: Particular requirements for ballasts for discharge lamps – Part 2-10: Particular requirements for electronic invertors and convertors for high- frequency operation of cold start tubular discharge lamps (neon tubes) – Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires – Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps) – Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
		IEC/EN 62031	LED modules for general lighting – Safety specifications

Prüfbereich / Test Section		Produktsicherheit / Product Safety	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
		IEC/EN 62384	DC or AC supplied electronic control gear for LED modules – performance requirements
		IEC/EN 60825-1 IEC/EN 60825-2	Safety of laser products – Part 1: Equipment classification, requirements and user's guide – Part 2: Safety of optical fibre communication systems
EN 61 643-21	VDE 0845 Teil 3-1	IEC 61 643-21	Low voltage surge protective devices – Part 21: Surge protective devices connected to telecommunications and signalling networks –Performance requirements and testing methods
EN 62 133	VDE 0510 Teil 8	IEC 62 133	Sicherheitsanforderungen für transportable Gasdichte Sekundärzellen und Batterien (Safety requirements for portable sealed secondary cells and batteries)
	DIN 53 438-1		Prüfung von brennbaren Werkstoffen; Verhalten beim Beflammen mit einem Brenner; Allgemeine Angaben
	DIN 53 438-2		Prüfung von brennbaren Werkstoffen; Verhalten beim Beflammen mit einem Brenner; Kantenbeflammung
	DIN 53 438-3		Prüfung von brennbaren Werkstoffen; Verhalten beim Beflammen mit einem Brenner; Flächenbeflammung
		IEC 60 884-1	Plugs and socket-outlets for household and similar purposes –Part 1: General requirements
		IEC 61 643-1	Low-voltage surge protective devices – Part 1: Surge protective devices connected to low-voltage power distribution systems – Requirements and tests

Prüfbereich / Test Section		Produktsicherheit / Product Safety	
Europe	Germany	others	Title
		Series IEC/EN 61558-1 (IEC/EN 61558-2-1, IEC/EN 61558-2-2, IEC/EN 61558-2-3, IEC/EN 61558-2-4, IEC/EN 61558-2-5, IEC/EN 61558-2-6, IEC/EN 61558-2-7, IEC/EN 61558-2-8, IEC/EN 61558-2-9, IEC/EN 61558-2-12, IEC/EN 61558-2-13, IEC/EN 61558-2-14, IEC/EN 61558-2-15, IEC/EN 61558-2-16, IEC/EN 61558-2-17, IEC/EN 61558-2-19, IEC/EN 61558-2-20, IEC/EN 61558-2-23)	Safety of power transformers, power supplies, reactors and similar products – Part 1: General requirements and tests – Part 2-1: Particular requirements for separating transformers for general use – Part 2-2: Particular requirements for control transformers – Part 2-3: Particular requirements for ignition transformers for gas and oil burners – Part 2-4: Particular requirements for isolating transformers for general use – Part 2-5: Particular requirements for shaver transformers and shaver supply units – Part 2-6: Particular requirements for safety isolating transformers for general use – Part 2-7: Particular requirements for transformers for toys – Part 2-8: Particular requirements for bell and chime transformers – Part 2-9: Particular requirements for transformers for class III handlamps ,incorporating tungsten filament lamp – Part 2-12: Particular requirements for constant voltage transformers – Part 2-13: Particular requirements for auto-transformers for general use – Part 2-14: Particular requirements for variable transformers – Part 2-15: Particular requirements for isolating transformers for the supply of medical locations – Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units – Part 2-17: Particular requirements for transformers for switch mode power supplies – Part 2-19: Particular requirements for perturbation attenuation transformers – Part 2-20: Particular requirements for small reactors – Part 2-23: Particular requirements for transformers for construction sites

Prüfbereich / Test Section		Produktsicherheit / Product Safety	
Europe	Germany	others	Title
		Series IEC/EN 60730-1 (IEC/EN 60730-2-2, IEC/EN 60730-2-3, IEC/EN 60730-2-4, IEC/EN 60730-2-6, IEC/EN 60730-2-7, IEC/EN 60730-2-8, IEC/EN 60730-2-9, IEC/EN 60730-2-10, IEC/EN 60730-2-11, IEC/EN 60730-2-12, IEC/EN 60730-2-13, IEC/EN 60730-2-14, IEC/EN 60730-2-15, IEC/EN 60730-2-16, IEC/EN 60730-2-17, IEC/EN 60730-2-19)	Automatic electrical controls for household and similar use – Part 1: General requirement – Part 2-2: Particular requirements for thermal motor protectors – Part 2-3: Particular requirements for thermal protectors for ballasts for tubular fluorescent lamps – Part 2-4: Particular requirements for thermal motor protectors for motor- compressors of hermetic and semi-hermetic type – Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements – Part 2-7: Particular requirements for timers and time switches – Part 2-8: Particular requirements for electrically operated Water valves including mechanical requirements – Part 2-9: Particular requirements for temperature controls – Part 2-10: Particular requirements for motor- starting relays – Part 2-11: Particular requirements for energy regulators – Part 2-12: Particular requirements for electrically operated door locks – Part 2-13: Particular requirements for humidity sensing controls – Part 2-14: Particular requirements for electric actuators – Part 2-15: Particular requirements for electrical airflow, water flow and water level sensing controls – Part 2-16: Particular requirements for automatic electrical water level sensing controls of the float type for household and similar applications – Part 2-17: Particular requirements for electrically operated gas valves, including mechanical requirements – Part 2-19: Particular requirements for electrically operated oil valves, including mechanical requirements

Prüfbereich / Test Section		Produktsicherheit / Product Safety	
Europe	Germany	others	Title
		Series IEC/EN 61010-1 (IEC/EN 61010-2-10, IEC/EN 61010-2-20, IEC/EN 61010-2-30, IEC/EN 61010-2-31, IEC/EN 61010-2-32, IEC/EN 61010-2-40, IEC/EN 61010-2-41, IEC/EN 61010-2-51, IEC/EN 61010-2-61, IEC/EN 61010-2-81, IEC/EN 61010-2-101, IEC/EN 61010-31)	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements – Part 2-010: Particular requirements for laboratory equipment for the heating of materials – Part 2-020: Particular requirements for laboratory centrifuges – Part 2-030: Particular requirements for testing and measuring circuits – Part 2-031: Particular requirements for handheld probe assemblies for electrical measurement and test – Part 2-032: Particular requirements for handheld and hand-manipulated current sensors for electrical test and measurement – Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials – Part 2-041: Particular Requirements for Autoclaves Using Steam for the Treatment of Medical Materials, and for Laboratory Processes – Part 2-051: Particular requirements for laboratory equipment for mixing and stirring – Part 2-061: Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization – Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes – Part 2-101: Particular requirements for in vitro diagnostic (IVD) medical equipment – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test
		IEEE 1725	IEEE Standard for Rechargeable Batteries for Cellular Telephones
		IEEE 1625	IEEE Standard for Rechargeable Batteries for Portable Computing
		UN ST-SG-AC10-11 cl. 38	Recommendations on the TRANSPORT OF DANGEROUS GOODS Manual of Tests and Criteria ST-SG-AC10-11 Section 38 Lithium batteries
EN 62281		IEC 62281	Safety of primary and secondary lithium cells and batteries during transport
		IEC/EN 62368	Audio/video, information and communication technology equipment Safety – Requirements

Prüfbereich / Test Section		Produktsicherheit / Product Safety	
Europe	Germany	others	Title
		Battery System	CTIA Certification Requirements for Battery System Compliance to IEEE1725
		IEC 950	Safety of information technology equipment
		IEC 60950	Safety of information technology equipment
		IEC 60950-1	Information Technology Equipment – Safety – Part1: General requirements
		IEC/EN 60950-22	Information technology equipment – Safety – – Part 22: Equipment to be installed outdoors
		Australia: AS/NZS 3260	Approval and test specification – Safety of information technology equipment including electrical business equipment
		Australia: AS/NZS 3226	Supplement to AS/NZS 3260:1993
		Australia: ACA TS 001	Safety requirements for customer equipment
		Australia: AS/NZS 60950	Safety of information technology equipment (IEC 60950:1999, MOD)
		Australia: AS/NZS 60950-1	Information Technology Equipment – Safety – Part1: General requirements
		Australia: AS/NZS 60065	Audio, video and similar electronic apparatus - Safety requirements (IEC 60065:2001, MOD)

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Technical responsibility for the test reports:

Bereich	Verantwortlicher
E: Produktsicherheit	Herren Rech, Sanetra und Wagner; Herr Scheidler, (ausgenommen CB-Scheme)

Die Akkreditierung gilt nur für Produkte, deren Prüfung und/oder Zertifizierung durch Drittstellen nicht durch Rechtsvorschriften vorgeschrieben sind.

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F SAR / EMF

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
SAR / EMF SAR /EMF		Siehe nachfolgende Auflistung, jeweils die aktuelle Version <i>See following listing, each the current version</i>

Titel der vorstehend genannten zugrunde liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

Prüfbereich / Test Section		SAR/ EMF / SAR / EMF	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
EN 50 357	DIN EN 50 357		Evaluation of human exposure to electromagnetic field from devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications
EN 50 360			Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz – 3 GHz)
EN 50 361			Basic standard for the measurement of Specific Absorption Rate related to human exposure to electromagnetic fields from mobile phones (300 MHz – 3 GHz)
EN 50 364	DIN EN 50 364		Limitation of human exposure to electromagnetic field from devices operating in the frequency range 0 Hz to 10 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications
EN 50 371	DIN EN 50 371		Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz – 300 GHz) – General public
EN 50 383	DIN EN 50 383		Basic standard for the calculation and measurement of electromagnetic field strength and SAR related to human exposure from radio base stations and fixed terminal stations for wireless telecommunication system (110 MHz – 40 GHz)
EN 50 385	DIN EN 50 385		Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to the general exposure to radio frequency electromagnetic fields (110 MHz – 40 GHz)

Prüfbereich / Test Section		SAR/ EMF / SAR / EMF	
Europe	German	International	Title
EN 50 392	DIN EN 50 392		Generic standard to demonstrate the compliance of electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (0 Hz–300 GHz)
	DIN 0848-1 VDE		Sicherheit in elektrischen, magnetischen und elektromagnetischen Feldern – Teil 1: Definitionen, Mess- und Berechnungsverfahren
	Enwurf 0848-1 VDE DIN EN 50413		Grundnorm zu Mess- und Berechnungsverfahren der Exposition von Personen in elektrischen, magnetischen und elektromagnetischen Feldern (0 Hz bis 300 GHz);
	DIN VDE 0848-2		Sicherheit in elektromagnetischen Feldern; Schutz von Personen im Frequenzbereich von 30 kHz bis 300 GHz
	26. BimSchV		Sechszwanzigste Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes (Verordnung über elektromagnetische Felder – 26. BimSchV)
		EMR 2003	Radio Communications (Electromagnetic Radiation – Human Exposure) Standard 2003
		IEC 62 209-1	Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Human models, instrumentation, and procedures – Part 1: Procedure to determine the specific absorption rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz)
		Draft IEC 62 209-2	... – Part 2 (draft): Procedure to determine the specific absorption rate (SAR) in the head and body for 30 MHz to 6 GHz hand-held and body-mounted devices used in close proximity to the body
		IEEE 1528	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
		IEEE C95.1	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
		IEEE C95.3	IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields – RF and Microwave
		ICNIRP Guidelines 1998	“Guidelines for limiting exposure to time-varying electric, magnetic, and Electromagnetic fields (up to 300 GHz)”

Prüfbereich / Test Section		SAR/ EMF / SAR / EMF	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
		Australia ARPANSA RPS No.3	Radiation Protection Standard for Maximum Exposure Levels to Radiofrequency Fields – 3 kHz to 300 GHz
EN 62311			Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz)

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

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Bereich	Verantwortlicher
F: SAR / EMF	Herrn Höhn, Rebmann, Vogler und Hnatovsky

G Umwelt

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
Umweltbedingungen <i>Environmental conditions</i>		Siehe nachfolgende Auflistung, jeweils die aktuelle Version <i>See following listing, each the current version</i>

Titel der vorstehend genannten aufgrund liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

Prüfbereich / Test Section		Umweltbedingungen / Environmental conditions	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
EN 60 945		IEC 60945	Maritime navigation and radio communication equipment and Systems – General requirements – Methods of testing and required test results
EN 60 068-1	DIN EN 60 068-2-1	IEC 60 068-2-1	Environmental testing – Part 1: General and guidance
EN 60 068-2-1	DIN EN 60 068-2-1	IEC 60 068-2-1	... -- Part 2: Tests – Tests A: Cold
EN 60 068-2-2	DIN EN 60 068-2-2	IEC 60 068-2-2	Basic environmental testing procedures – Part 2: Tests – Tests B: Dry heat
EN 60068-2-6	DIN EN 60068-2-6	IEC 60068-2-6	Environmental testing – Part 2: Tests – Test Fc: Vibration (sinusoidal)
EN 60068-2-14	DIN EN 60068-2-14	IEC 60068-2-14	... -- Part 2: Tests – Test N: Change of temperature
EN 60 068-2-27	DIN EN 60 068-2-27	IEC 60 068-2-27	... -- Part 2: Tests – Test Ea and guidance: Shock
EN 60 068-2-29	DIN EN 60 068-2-29	IEC 60 068-2-29	... -- Part 2: Tests – Test Eb and guidance: Bump
EN 60068-2-30	DIN EN 60068-2-30	IEC 60068-2-30	... -- Part 2: Tests – Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)
EN 60068-2-47	DIN EN 60068-2-47	IEC 60068-2-47	... -- Part 2-47: Test methods – Mounting of components, equipment and other articles for vibration, impact and similar dynamic tests
EN 60068-2-48	DIN EN 60068-2-48	IEC 60068-2-48	... -- Part 2: Tests – Test N: Change of temperature
EN 60068-2-64	DIN EN 60068-2-64	IEC 60068-2-64	... -- Part 2: Test methods – Test Fh: Vibration, broadband random (digital control) and guidance
	DIN EN 60068-2-78	IEC 60068-2-78	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state Umweltprüfungen - Teil 2-78: Prüfungen; Prüfung Cab: Feuchte Wärme, konstant

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Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

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Bereich	Verantwortlicher
G: Umwelt	Herren Dörr und Rech

H Smart Card Technology

H 1 Smart Card Terminals

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
Smart Card Terminals <i>Smart Card Terminals</i>		Siehe nachfolgende Auflistung, jeweils die aktuelle Version <i>See following listing, each the current version</i>

Titel der vorstehend genannten zugrunde liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

Prüfbereich / Test Section		Smart Card Terminals, Level 1 Type Approval Test	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	<i>Title</i>
		EMV' 96	<i>Integrated Circuit Card Terminal Specification for Payment Systems</i>
		EMV' 96	<i>Integrated Circuit Card Application Specification for Payment Systems</i>
		für EMV' 96	<i>Terminals Requirements of Chip Pay Now (Debit) and Pay Later (Credit) Cards</i>
		EMV 2000	<i>Integrated Circuit Card Specifications for Payment Systems; Book 1: Application Independent ICC to Terminal Interface Requirements</i>
		EMV 2000	<i>Integrated Circuit Card Specifications for Payment Systems; Book 2: Security and Key Management</i>
		EMV 2000	<i>Integrated Circuit Card Specifications for Payment Systems; Book 3: Application Specification</i>
		EMV 2000	<i>Integrated Circuit Card Specifications for Payment Systems; Book 4: Cardholder, Attendant and Acquirer Interface Requirements</i>
		für EMV 2000	<i>Terminals Requirements of Chip Pay Now (Debit) and Pay Later (Credit) Cards</i>
		EMVCo	<i>Type Approval Terminal Level 1 Requirements</i>

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Bereich	Verantwortlicher
H 1: Smart Card Terminals	Herren Feldmann und Velhagen

H2 RF Schnittstelle für ID-Dokumente

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
RF Schnittstelle für ID Dokumente		Siehe nachfolgende Auflistung, jeweils die aktuelle Version <i>See following listing, each the current version</i>

Prüfbereich / Test Section		RF Schnittstelle für ID-Dokumente (e-Passport)	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
	BSI TR-3105		<i>Teil 2 e-Passport Conformity Testing</i> <i>Teil 4 e-Passport Lesegeräte, PCD Layer 1-4</i>
ICAO-TR			RF Protocol and Application, Part 2 + 4 Teststandard for e-passport
		ISO 10373-6	Identification cards -- Test methods -- Part 6: Proximity cards

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

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Bereich	Verantwortlicher
Schnittstellen / Protokolle	
H2: RF Schnittstelle für ID-Dokumente	Frau Philippi, Herren Ehre und Wolf

I Bluetooth®

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
Bluetooth® <i>Bluetooth®</i>		Siehe nachfolgende Auflistung, jeweils die aktuelle Version <i>See following listing, each the current version</i>

Titel der vorstehend genannten zugrunde liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

Prüfbereich / Test Section		Bluetooth®	
<i>Europe</i>	<i>Germany</i>	<i>others</i>	Title
		Core Spec RF and Protocol and Profile	RF part 1.1 RF part 1.2 RF part 2.0 RF part 2.1 Protocol and Profile 1.1

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Bereich	Verantwortlicher
I: Bluetooth®	Herr Warken (RF) Herr Meiers (Protokolle, Profiles)

K Automotive

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
Automotive Elektromagnetische Verträglichkeit – Automotive Electromagnetic Compatibility – Automotive	Normen Standards	Siehe nachfolgende Auflistung See following listing, each the current version

Prüfbereich / Test Section		Normen / Standards	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
ISO 11 452-2			Road vehicles – Electrical disturbances by narrow-band radiated electromagnetic energy – Component test methods – Part 2: Absorber-lined chamber.
ISO 11 452-4			Road vehicles – Electrical disturbances by narrow-band radiated electromagnetic energy – Component test methods – Part 4: Bulk current injection (BCI).
ISO 11 452-5			Road vehicles – Electrical disturbances by narrow-band radiated electromagnetic energy – Component test methods – Part 5: Strip line.
ISO 11 452-8			Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 8: Immunity to magnetic fields
ISO TR 10 605			Road vehicles – Electrical disturbances from electrostatic discharges.
ISO 76 37-1:1990	DIN 40 839-1		Road vehicles – Electrical disturbance by conduction and coupling – Part 1: Passenger cars and light commercial vehicles with nominal 12-V supply voltage – Electrical transient conduction along supply lines only.
ISO 76 37-2:1990	DIN 40 839-1		Road vehicles – Electrical disturbance by conduction and coupling – Part 2: Commercial vehicles with nominal 24-V supply voltage – Electrical transient conduction along supply lines only.
ISO 76 37-2:2004			Road vehicles – Electrical disturbance from conduction and coupling – Part 2: Electrical transient conduction along supply lines only.
ISO 76 37-3:1995			Road vehicles – Electrical disturbance by conduction and coupling – Part 3: Vehicles with nominal 12-V or 24-V supply voltage – Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines.
ISO 76 37-3:2007			Road vehicles – Electrical disturbance from conduction and coupling – Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines

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ISO 14 982			Agricultural and forestry machinery – Electromagnetic compatibility – Test methods and acceptance criteria
EN 12 895	DIN EN 12895		Industrial trucks. Electromagnetic compatibility
Prüfbereich / Test Section		Normen / Standards	
<i>Europe</i>	<i>German</i>	<i>International</i>	<i>Title</i>
EN 13309	DIN EN 13309		Construction machinery - Electromagnetic compatibility of machines with internal electrical power supply
FprEN 50498:2009			Electromagnetic compatibility (EMC) - Product family standard for aftermarket electronic equipment in vehicles; German version FprEN50498:2009
EN 55 012	DIN EN 55 012	IEC/CISPR 12	Vehicles, boats and internal combustion engine driven devices – Radio disturbance characteristics – Limits and methods of measurement for the protection of receivers except those installed in the vehicle/boat/device itself or in adjacent vehicle/boat/device
EN 55 025	DIN EN 55 025	IEC/CISPR 25	Radio disturbance characteristics for the protection of receivers used on board vehicles, boats and on devices – Limits and methods of measurement
		ISO 13 766	Earth-moving machinery – Electromagnetic compatibility

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Bereich	Verantwortlicher
K: EMV –Automotive	Herren Höhn, Rebmann und Schnedler

L Wi-Fi Services

Prüfgebiet <i>Test Area</i>	Prüfbereich <i>Test Section</i>	Standard und Zulassungsvorschrift <i>Standard and Approval Regulations</i>
Wi-Fi-Interoperability-Anforderungen <i>Wi-Fi interoperability requirements</i>		Siehe nachfolgende Auflistung, jeweils die aktuelle Version <i>See following listing, each the current version</i>

Titel der vorstehend genannten zugrunde liegenden Spezifikationen

Titles of the standards/specifications as mentioned before:

Prüfbereich / Test Section		Wi-Fi-Services /Wi-Fi services	
<i>Europe</i>	<i>German</i>	<i>Others</i>	<i>Title</i>
		IEEE 802.11a	Standard for 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 High-speed Physical Layer in the 5 GHz Band
		IEEE 802.11b	... Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band
		IEEE 802.11d	... Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications Amendment 3: Specification for operation in additional regulatory domains
		IEEE 802.11g	... Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications Amendment 4: Further Higher Data Rate Extension in the 2.4 GHz Band
		IEEE 802.11h	... Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications Amendment 5: Spectrum and Transmit Power Management Extensions in the 5 GHz band in Europe
		IEEE 802.11n	... Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY), specifications Amendment : Enhancements for Higher Throughput
		WPA/WPA2	Wi-Fi 802.11 with WPA2, WPA, and WEP System Interoperability Test Plan With ASD Test Engine For IEEE 802.11a, b, & g Devices
		WMM	WMM System Interoperability Test Plan with Test Engine

Prüfbereich / Test Section		Wi-Fi-Services /Wi-Fi services	
<i>Europe</i>	<i>German</i>	<i>Others</i>	<i>Title</i>
		WMM Power Save	WMM™ Power Save System Interoperability Test Plan
		TGn	802.11n System Interoperability Test Plan
		Wi-Fi Protected Set Up	Wi-Fi WPS Test Plan Wi-Fi Alliance
		Wi-Fi PDA	Wi-Fi PDA Interoperability Test Plan
		Voice Personal	Voice over Wi-Fi Personal Certification Test Plan

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Bereich	Verantwortlicher
Wi-Fi	Herren Berg und Meiers

M Kanadische Anforderungen

Prüfbereich / Test Section		Broadcasting Equipment Technical Standards	
		Title	Note
BETS-1		Technical Standards and Requirements for Low Power Announce Transmitters in the Frequency Bands 525 – 1,705 kHz and 88-107.5 MHz	B.8
BETS-3		Technical Standards and Requirements for Radio Apparatus that Form Part of a Master Antenna Television (MAN) Broadcasting Undertaking	B.8
BETS-4		Technical Standards and Requirements for Television Broadcasting Transmitters	B.8
BETS-5		<i>Technical Standards and Requirements for AM Broadcasting Transmitters</i>	B.8
BETS-6		Technical Standards and Requirements for FM Broadcasting Transmitters	B.8
BETS-7		<i>Technical Standards and Requirements for Radio Apparatus Capable of Receiving Broadcasting</i>	B.8
BETS-8		<i>Technical Standards and Requirements for FM Transmitters Operating in Small Remote Communities</i>	B.8
BETS-9		<i>Technical Standards and Requirements for Television Transmitters Operating in Small Remote Communities</i>	B.8
BETS-11		<i>Technical Requirements Respecting the Identification of Broadcasting Stations</i>	B.8

Prüfbereich / Test Section		Canadian Standards Association	
		Title	Note
CAN/CSA – C108.3.1		Limits and Measurement Methods of Electromagnetic Noise from AC Power Systems, 0.15-30 MHz	D.1 - D.3
CAN/CSA – C108.6		Limits and Measurement Methods of Electromagnetic Disturbance Characteristics industrial, Scientific and Medical (ISM) Radio-Frequency Equipment (Adopted CISPR 11: 1990)	D.1 - D.3
CAN/CSA – C108.8		Electromagnetic Emissions from Data Processing Equipment and Electronic Office Machines	D.1 - D.3
CAN/CSA-C22.2 NO. 60065		Audio, Video and Similar Electronic Apparatus – Safety Requirements (Adopted CEI/IEC 60065:2001 seventh edition, 2001-12, including Corrigendum 1:2002, with Canadian deviations)	E
CAN/CSA-C22.2 No. 60950-00		Safety of information technology equipment	E
CAN/CSA – CISPR 22		Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment	D.1 - D.3

Prüfbereich / Test Section		Canadian Standards Association	
		<i>Title</i>	<i>Note</i>
CAN/CSA – E1 000 – 2 – 1		Electromagnetic Compatibility – Part 2: Environment – Section 1 : Description of the environment – Electromagnetic environment for low-frequency conducted disturbances and signalling in public power supply Systems	D.1 - D.3
CAN/CSA- E1 000 – 2 – 2		Electromagnetic Compatibility – Part 2: Environment – Section 2: Compatibility levers for low frequency conducted disturbance and signalling in public low-voltage power supply Systems	D.1 - D.3

Prüfbereich / Test Section		Terminal Equipment – Technical Specifications List	
		<i>Title</i>	<i>Note</i>
CS-03		Compliance Specification for Terminal Equipment, Terminal Systems, Network Protection Devices, Connection Arrangements and Hearing Aids Compatibility	A.1 / A.2 / A.3 / D.4

Prüfbereich / Test Section		Interference – Causing Equipment Standards	
		<i>Title</i>	
ICES – 001		Industrial, Scientific and Medical (ISM) Radio Frequency Generators	D.1 - D.3
ICES – 002		Spark Ignition Systems of Vehicles and Other Devices Equipped with Internal Combustion Engines	D.1 - D.3
ICES – 003		Digital Apparatus etc.	D.1 - D.3
ICES – 004		Alternating Current High Voltage Power Systems	D.1 - D.3
ICES – 005		Radio Frequency Lighting Devices	D.1 - D.3
ICES – 006		AC Wire Carrier Current Devices (Unintentional Radiators)	B.8

Prüfbereich / Test Section		Radio Standards Specifications	
		<i>Title</i>	<i>Note</i>
RSS – Gen		General Requirements and Information for the Certification of Radiocommunication Equipment	./.
RSS – 102		Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)	D.1 - D.3
RSS – 111		Broadband Public Safety Equipment Operating in the Band 4940-4990 MHz	B.5
RSS - 112		Land Mobile and Fixed Equipment Operating in the Band 1670-1675 MHz	B.8
RSS – 117		Land and Coast Station Transmitters Using A1, A2, A3, A2H or A3H Emissions Operating in the 200 – 535 kHz Band	B.8
RSS – 118		Land and Subscriber Stations: Voice, Data and Tone Modulated Angle Modulation Radiotelephone Transmitters and Receivers operating in the Cellular Mobile Bands 824 – 849 MHz and 869 – 894 MHz	B.6
RSS – 119		Land Mobile and Fixed Radio Transmitters and Receivers, Operating in the Frequency Range 27.41 – 960 MHz	B.8

Anlage zur Akkreditierungsurkunde D-PL-12076-01-01

Prüfbereich / Test Section		Radio Standards Specifications	
		<i>Title</i>	<i>Note</i>
RSS – 123		Low Power Licensed Radiocommunication Devices	B.8
RSS – 125		Land Mobile and Fixed Radio Transmitters and Receivers, 1.705 to 50.0 MHz, Primarily Amplitude Modulated	B.8
RSS – 128		800 MHz Dual-Mode TDMA Cellular Telephones	C.1
RSS – 129		800 MHz Dual-Mode CDMA Cellular Telephones	B.8
RSS – 131		Zone Enhancers for the Land Mobile Service	B.6
RSS – 132		Cellular Telephones Employing New Technologies Operating in the Bands 824-849 MHz and 869-894 MHz	C.1
RSS – 133		2 GHz Personal Communications Services	C.1
RSS – 134		900 MHz Narrowband Personal Communications Services	C.1
RSS – 135		Digital Scanner Receivers	B.8
RSS – 136		Land and Mobile Station Radiotelephone Transmitters and Receivers Operating in the 26.960 – 27.410 MHz General Radio Service Band	B.8
RSS – 137		Location and Monitoring Service (902-928 MHz)	B.8
RSS – 138		Commercial Shipborne Radar in the 2900-3100 MHz, 5470-5650 MHz and 9225-9500 MHz Bands	B.2
RSS – 139		Advanced Wireless Services Equipment operating in the Bands 1710 – 175 MHz and 2110 – 2155 MHz	B.8
RSS – 141		Aeronautical Radiocommunication Equipment in the Frequency Band 117.975-137 MHz	B.5
RSS – 142		Narrowband Multipoint Communication Systems in the 1427-1430 MHz and 1493.5-1496.5 MHz Bands	B.8
RSS – 170		Satellite Mobile Earth Stations	B.1
RSS – 181		Coast and Ship Station Single Sideband Radiotelephone Transmitters and Receivers Operating in the 1605 – 28000 kHz Band (Amendment – July 31, 1987)	B.6
RSS – 182		Maritime Radio Transmitters and Receivers in the Band 156 – 162.5 MHz	B.8
RSS – 188		Global Maritime Distress and Safety System (GMDSS)	B.8
RSS – 191		Local Multipoint Communication Systems in the 28 GHz Band; Point-to-Point and Point-to-Multipoint Broadband Communication Systems in the 24 GHz and 38 GHz Bands	B.5
RSS – 192		Fixed Wireless Access Systems in the Band 3400 – 3700 MHz	B.8
RSS – 193		Multipoint and Point-to-Point Communication Systems (MCS) in the Fixed Service Operating in the 2150-2160 MHz	B.5
RSS – 194		Fixed Wireless Access Equipment Operating in the Band 953-960 MHz	B.5

Prüfbereich / Test Section		Radio Standards Specifications	
		Title	Note
RSS -197		Radio Standards Specification 197, Issue 1: Wireless Broadband Access Equipment Operating in the Band 3650-3700 MHz, which sets out certification requirements for radio transmitters and receivers of wireless access systems operating in the Wireless Broadband Services (WBS) in the band 3650-3700 MHz	
RSS - 199		Radio Standards Specification 199, Issue 1: Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz, which sets certification requirements for BRS radio transmitters and receivers in the in the band 2500-2690 MHz	
RSS – 195		Wireless Communications Service Equipment Operating in the Bands 2305-2320 MHz and 2345-2360 MHz	B.8
RSS – 210		Low Power Licence-exempt Radiocommunication Devices (All Frequency Bands) Category I Equipment	B.8
RSS – 213		2 GHz Licence-exempt Personal Communications Service Devices (LE-PCS)	C.1
RSS – 215		Analogue Scanner Receivers	B.8
RSS – 220		Devices Using Ultra – Wideband (UWB) Technology	B.8
RSS – 243		Active Medical Implants Operating in the 402-405 MHz Band	B.8
RSS – 287		Emergency Position Indicating Radio Beacons (EPIRB), Emergency Locator Transmitters (ELT), Personal Locator Beacons (PLB), and Maritime Survivor Locator Devices (MSLD)	B.4
RSS – 310		Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category II Equipment	B.8

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Siehe Querverweise in der Spalte "Note" auf die Abschnitte A – K

Please see the cross references in column „Note“ to the chapter A – K

N US-Anforderungen

Prüfbereich / Test Section		Code of Federal Regulations – Title 47	
		<i>Title</i>	<i>Note</i>
47 CFR Part 2		Frequency Allocations and Radio Treaty Matters; General Rules and Regulations	B:1 – b:8
47 CFR Part 11		Emergency Alert System (EAS)	B:7
47 CFR Part 15		Radio Frequency Devices	B / C / D
47 CFR Part 18		Industrial, Scientific, and Medical Equipment	D.1 – D.3
47 CFR Part 22		Public Mobile Services	C.1
47 CFR Part 24		Personal Communications Services	C.1
47 CFR Part 25		Satellite Communications	B.1
47 CFR Part 27		Miscellaneous Wireless Communications Services	B.8
47 CFR Part 68		Connection of Terminal Equipment to the Telephone Network	D.4
47 CFR Part 74		Experimental radio, auxiliary, special broadcast and other program distribution services	B.8
47 CFR Part 80		Stations in the maritime Services	B.1
47 CFR Part 87		Aviation services	B.4
47 CFR Part 90		Land mobile services	B.8
47 CFR Part 95		Personal radio services	B.8
47 CFR Part 97		Amateur Radio Service	B.5
47 CFR Part 101		Fixed microwave services	B.5

Prüfbereich / Test Section		Measurement Procedures (MP)	
	Issue	<i>Title</i>	<i>Note</i>
FCC MP-5	February 1986	FCC Methods of Measurements of Radio Noise Emissions From Industrial, Scientific, and Medical Equipment	B:8

Prüfbereich / Test Section		American National Standard Institute	
	Issue	Title	Note
ANSI C63.4	2003	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	B / D
ANSI C63.17	1998	... of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices	B.1 – B.8
ANSI C63.19 (nur „Wireless Communications Devices“)	2006	... Compatibility between Wireless Communication Devices and Hearing Aids	F
ANSI/IEEE C95.		Recommended Practice for Measurements and Computations with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 100 kHz to 300 GHz	F
ANSI/TIA-603-C	2004	Land Mobile FM or PM Communications Equipment Measurement and Performance Stand	B.1 – B.8
TIA/EIA-810-B	November 2006	Transmission Requirements for Narrowband Voice over IP and Voice over PCM Digital Wireline Telephones	A.4
TIA-920	December 2002	Transmission Requirements for Wideband Digital Wireline Telephones	A.4
TIA-968-A	January 2003	Telecommunications – Telephone Terminal Equipment – Technical Requirements for Connection of Terminal Equipment to the Telephone Network (Upgrade and Revision of TIA/EIA/IS-968)	A.1
TIA-968-A-1	September 2003	..., Addendum to TIA-968-A	A.1
TIA-968-A-2	March 2004	..., Addendum 2, TIA-968-A-2	A.1
TIA-968-A3	February 2005	TIA/EIA Interim Standard; Telecommunications Telephone Terminal Equipment; Technical requirements for connection of terminal equipment to the telephone network	A.1 / A.2
TIA/EIA TSB-31-B	February 1998	Part 68 Rationale and Measurement Guidelines to Prevent Harm to the Telephone Network	A.1
ANSI/IEEE Std 149-1979	1979	Test procedures for antennas	B:3

Prüfbereich / Test Section		FCC Knowledge Database (KDB) Publication	
	Issue	Title	Note
No. 200443	July 2004	Millimeter Wave Test Procedures (47 CFR 15.253 & 15.255)	B.5
No., 558074	March 2005	New Guidance on Measurement for Digital Transmission Systems (47 CFR 15.247)	B.8

Prüfbereich / Test Section		FCC Public Notice	
	Issue	Title	Note
DA 02-2138	August 30, 2002	Measurement guidelines for U-NII Devices	B.8
DA 00-705	March 30, 2000	Filing and Measurement	B.1 – B.8

Prüfbereich / Test Section		Technical Requirements	
	Issue	Title	Note
T1.TRQ.6	2001	Technical Requirements Document, SHDSL, HDSL2, HDSL4 Digital Subscriber Line Terminal Equipment to Prevent Harm to the Telephone Network	A.3

Prüfbereich / Test Section		UL Requirements	
	Issue	Title	Note
UL 1642		Safety for Lithium Batteries	E
UL 1950		Safety of information technology equipment including electrical business equipment	E
UL 2054		UL Standard for Safety Household and Commercial Batteries	E
UL 60 065	2003	Standard for Audio, Video and Similar Electronic Apparatus – Safety Requirements	E
UL 60 950-1	2003	Safety of information technology equipment – Part 1: General Requirements	E

Prüfbereich / Test Section		Others	
	Issue	Title	
Suppl. CtoOET Bulletin 65	1997	Evaluating Compliance with FCC Guideline for Human Exposure to RF EMFs.	F

Für die fachliche Richtigkeit der Prüfberichte verantwortlich:

Technical responsibility for the test reports:

Siehe Querverweise in der Spalte "Note" auf die Abschnitte A – K
Please see the cross references in column „Note“ to the chapter A – K

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