

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-21375-01-05 according to DIN EN ISO/IEC 17025:2018

Valid from: 23.12.2020

Date of issue: 08.02.2021

Holder of certificate:

IBL-Lab GmbH
Heinrich-Hertz-Allee 7, 66386 St. Ingbert

Tests in the fields:

Telecommunication (TC)

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates.

The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

Section	Standard or Test procedure / issue date	Title of the Standard of Test procedure	Limitation of the Test procedure
TC	ETSI EN 300 220-1 V3.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement	

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories. Laboratories that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.

The certificate together with the annex reflects the status as indicated by the date of issue. The current status of any given scope of accreditation may be found respectively in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH <https://www.dakks.de/en/content/accredited-bodies-dakks>.

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Section	Standard or Test procedure / issue date	Title of the Standard of Test procedure	Limitation of the Test procedure
TC	ETSI EN 300 220-2 V3.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non specific radio equipment	
TC	ETSI EN 300 220-2 V3.2.1 (2018-06)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: harmonized Standard for access to radio spectrum for non specific radio equipment	
TC	ETSI EN 300 220-3-1 V2.1.1 (2016-12)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 3-1: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Low duty cycle high reliability equipment, Social Alarms Equipment operating on designated frequencies (869,200 MHz to 869,250 MHz)	
TC	ETSI EN 300 220-3-2 V1.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 3-2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Wireless alarms operating in designated LDC/HR frequency bands 868,60 MHz to 868,70 MHz, 869,25 MHz to 869,40 MHz, 869,65 MHz to 869,70 MHz	
TC	ETSI EN 300 220-4 V1.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 4: Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Metering devices operating in designated band 169,400 MHz to 169,475 MHz	
TC	ETSI EN 300 328 V2.1.1 (2016-11)	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	

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TC	ETSI EN 300 328 V2.2.2 (2019-07)	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; harmonized Standard for access to radio spectrum	
TC	ETSI EN 300 330 V2.1.1 (2017-02)	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; harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
TC	ETSI EN 300 422-1 V2.1.2 (2017-01)	Wireless Microphones; Audio PMSE up to 3 GHz; Part 1: Class A Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
TC	ETSI EN 300 422-2 V2.1.1 (2017-02)	Wireless Microphones; Audio PMSE up to 3 GHz; Part 2: Class B Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
TC	ETSI EN 300 422-3 V2.1.1 (2017-02)	Wireless Microphones; Audio PMSE up to 3 GHz; Part 3: Class C Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
TC	ETSI EN 300 422-4 V2.1.1 (2017-05)	Wireless Microphones; Audio PMSE up to 3 GHz; Part 4: Assistive Listening Devices including personal sound amplifiers and inductive systems up to 3 GHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
TC	ETSI EN 300 440 V2.1.1 (2017-03)	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	

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TC	ETSI EN 300 440 V2.2.1 (2018-07)	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; harmonized Standard for access to radio spectrum	
TC	ETSI EN 301 091-1 V2.1.1 (2017-01)	Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 76 GHz to 77 GHz range; harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 1: Ground based vehicular radar	
TC	ETSI EN 301 091-2 V1.3.2 (2006-11)	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 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive	
TC	ETSI EN 301 091-2 V2.1.1 (2017-01)	Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 76 GHz to 77 GHz range; harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 2: Fixed infrastructure radar equipment	
TC	ETSI EN 301 091-3 V1.1.1 (2017-02)	Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 76 GHz to 77 GHz range; harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 2: Fixed infrastructure radar equipment	
TC	ETSI EN 301 893 V2.1.1 (2017-05)	5 GHz RLAN; harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	

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TC	ETSI EN 302 065-1 V2.1.1 (2016-11)	Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Requirements for Generic UWB applications	
TC	ETSI EN 302 065-2 V2.1.1 (2016-11)	Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 2: Requirements for UWB location tracking	
TC	ETSI EN 302 065-3 V2.1.1 (2016-11)	Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 3: Requirements for UWB devices for ground based vehicular applications	
TC	ETSI EN 302 065-4 V1.1.1 (2016-11)	Short Range Devices (SRD) using Ultra Wide Band technology (UWB); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 4: Material Sensing devices using UWB technology below 10,6 GHz	
TC	ETSI EN 302 208 V3.1.1 (2016-11)	Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; harmonized Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	

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TC	ETSI EN 302 208 V3.3.1 (2020-08)	Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Harmonised Standard for access to radio spectrum	
TC	ETSI EN 302 264 V2.1.1 (2017-05)	Short Range Devices; Transport and Traffic Telematics (TTT); Short Range Radar equipment operating in the 77 GHz to 81 GHz band; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
TC	ETSI EN 302 264-1 V1.1.1 (2009-06)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short Range Radar equipment operating in the 77 GHz to 81 GHz band; Part 1: Technical requirements and methods of measurement	
TC	ETSI EN 302 264-2 V1.1.1 (2009-06)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short Range Radar equipment operating in the 77 GHz to 81 GHz band; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	
TC	ETSI EN 302 372 V2.1.1 (2016-12)	Short Range Devices (SRD); Tank Level Probing Radar (TLPR) equipment operating in the frequency ranges 4,5 GHz to 7 GHz, 8,5 GHz to 10,6 GHz, 24,05 GHz to 27 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	

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TC	ETSI EN 302 729 V2.1.1 (2016-12)	Short Range Devices (SRD); Level Probing Radar (LPR) equipment operating in the frequency ranges 6 GHz to 8,5 GHz, 24,05 GHz to 26,5 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	
TC	ETSI EN 302 858 V2.1.1 (2016-12)	Short Range Devices; Transport and Traffic Telematics (TTT); Radar equipment operating in the 24,05 GHz to 24,25 GHz or 24,05 GHz to 24,50 GHz range; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	
TC	ETSI EN 302 858-1 V1.3.1 (2013-11)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Automotive radar equipment operating in the 24,05 GHz up to 24,25 GHz or 24,50 GHz frequency range; Part 1: Technical characteristics and test methods	
TC	ETSI EN 302 858-2 V1.3.1 (2013-11)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Automotive radar equipment operating in the 24,05 GHz up to 24,25 GHz or 24,50 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	
TC	ETSI EN 303 417 V1.1.1 (2017-09)	Wireless power transmission systems, using technologies other than radio frequency beam, in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz ranges; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	

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TC	ETSI EN 305 550-1 V1.2.1 (2014-10)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 40 GHz to 246 GHz frequency range; Part 1: Technical characteristics and test methods	
TC	ETSI EN 305 550-2 V1.2.1 (2014-10)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 40 GHz to 246 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	