

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-12092-01-04 according to DIN EN ISO/IEC 17025:2018

Valid from: 09.04.2020

Date of issue: 14.04.2020

Holder of certificate:

Eurofins Product Service GmbH
Storkower Straße 38 C, 15526 Reichenwalde b. Berlin

Tests in the fields:

Telecommunication (FCC Requirements)

Section	Scope	Test Method(s)	Frequency (max. assessed)
USA	ANSI/IEEE C63.4:2014 ANSI/IEEE C63.4a:2017	Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	
USA	ANSI C63.10:2013	Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices	
USA	ANSI/IEEE C63.17:2013	Standard Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal	
USA	ANSI C63.26:2015	American National Standard of Procedures for Compliance Testing of	
USA	ANSI/TIA-968-B:2016-11	Telecommunications – Telephone Terminal Equipment – Technical Requirements for Connection of Terminal	
USA	IEEE 1528:2013 IEEE 1528 Errata:2013	IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless	

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Section	Scope	Test Method(s)	Frequency (max. assessed)
USA	CS03 Part V, I9 Amd1 Jan09, Amd2 Jan17	Requirements and Test Methods for Magnetic Output from Handset Telephones for Hearing Aid Coupling and for Receive	

Section	Scope	Test Method(s)	Frequency (max. assessed)
USA	Unintentional Radiators (FCC Part 15, Subpart B)	ANSI C 63.4-2014 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	40 GHz
USA	Industrial, Scientific, and Medical Equipment (FCC Part 18) • Consumer ISM equipment	FCC MP-5:1986-02 FCC Methods of Measurements of Radio Noise Emissions from Industrial, Scientific, and Medical Equipment	325 GHz
USA	Intentional Radiators (FCC Part 15 Subpart C)	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices	231 GHz
USA	UPCS (FCC Part 15, Subpart D) • Unlicensed Personal Communication Systems devices	ANSI C 63.17-2013 American National Standard - Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices	40 GHz

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USA	U-NII without DFS Intentional Radiators (FCC Part 15, Subpart E) <ul style="list-style-type: none"> Unlicensed National Information Infrastructure Devices (U-NII Devices without DFS) 	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices in combination with KDB Publication 789033	40 GHz
USA	U-NII with DFS Intentional Radiators (FCC Part 15, Subpart E) <ul style="list-style-type: none"> Unlicensed National Information Infrastructure (U-NII) Devices with Dynamic Frequency Selection (DFS) 	FCC KDB Publication 905462 D02 UNII DFS Compliance Procedures New Rules v02 (April 8, 2016)	40 GHz
USA	UWB Intentional Radiators (FCC Part 15, Subpart F) <ul style="list-style-type: none"> Ultra-wideband Operation 	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices	200 GHz
USA	BPL Intentional Radiators (FCC Part 15, Subpart G) <ul style="list-style-type: none"> Access Broadband over Power Line (Access BPL) 	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices	40 GHz
USA	White Space Device Intentional Radiators (FCC Part 15, Subpart H) <ul style="list-style-type: none"> White Space Devices 	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices	40 GHz

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USA	<p>Commercial Mobile Services (FCC Licensed Radio Service Equipment)</p> <ul style="list-style-type: none"> • Part 22 (cellular) • Part 24 • Part 25 (below 3 GHz) • Part 27 	<p>ANSI/TIA-603-E-2016 TIA-102.CAAA-E-2016 ANSI C63.26-2015</p> <p>in combination with KDB Publication 971168</p>	200 GHz
USA	<p>General Mobile Radio Services (FCC Licensed Radio Service Equipment)</p> <ul style="list-style-type: none"> • Part 22 (non-cellular) • Part 90 (below 3 GHz) • Part 95 • Part 97 (below 3 GHz) • Part 101(below 3 GHz) 	<p>ANSI/TIA-603-E-2016 TIA-102.CAAA-E-2016 ANSI C63.26-2015</p>	200 GHz
USA	<p>Citizens Broadband Radio Services (FCC Licensed Radio Service Equipment)</p> <ul style="list-style-type: none"> • Part 96 	<p>ANSI/TIA-603-E-2016 TIA-102.CAAA-E-2016 ANSI C63.26-2015</p> <p>in combination with KDB Publication 971168 and 940660</p>	200 GHz
USA	<p>Maritime and Aviation Radio Services (FCC Licensed Radio Service Equipment)</p> <ul style="list-style-type: none"> • Part 80 • Part 87 	<p>ANSI/TIA-603-E-2016 ANSI C63.26-2015</p>	200 GHz

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USA	Microwave and Millimeter Bands Radio Services (FCC Licensed Radio Service Equipment) <ul style="list-style-type: none"> • Part 25 • Part 30 • Part 74 • Part 90 (M DSRC, Y, Z) • Part 95 (M and L) • Part 101 	ANSI/TIA-603-E-2016 TIA-102.CAAA-E-2016 ANSI C63.26-2015 in combination with KDB Publication 653005	200 GHz
USA	Broadcast Radio Services (FCC Licensed Radio Service Equipment) <ul style="list-style-type: none"> • Part 73 • Part 74 (below 3 GHz) 	ANSI/TIA-603-E-2016 TIA-102.CAAA-E-2016 ANSI C63.26-2015	200 GHz
USA	RF Exposure <ul style="list-style-type: none"> • Devices subject to SAR requirements 	IEEE Std 1528™-2013 IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques in combination with KDB Publication 865664 and in combination with KDB Publication 447498	6 GHz

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USA	Signal Boosters (Part 20) <ul style="list-style-type: none"> • Wideband Consumer signal boosters • Provider-specific signal boosters • Industrial signal boosters Signal Boosters (Section 90.219)	ANSI C63.26-2015 in combination with KDB Publication 935210 D03, D04 and D05	200 GHz

Abbreviations used:

ANSI	American National Standards Institute
FCC KDB	Federal Communications Commission Public Notices and Knowledge Database publications
IEEE	Institute of Electrical and Electronics Engineers
TIA	Telecommunications Industry Association

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