

# Deutsche Akkreditierungsstelle

## Annex to the Partial Accreditation Certificate D-PL-17186-01-05 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 14.06.2024

**Date of issue:** 14.06.2024

This annex is a part of the accreditation certificate D-PL-17186-01-00.

Holder of partial accreditation certificate:

**PHOENIX TESTLAB GmbH  
Königswinkel 10, 32825 Blomberg**

with the location

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Königswinkel 10, 32825 Blomberg**

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

Tests in the fields:

**Telecommunication (TC) and Electromagnetic Compatibility (EMC) for Canadian Standards**

*This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.*

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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.

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Technical Field	Standard / Version	Title of standard or in house procedure	Test Area / Restriction
<b>1 Electromagnetic Compatibility (EMC)</b>			
EMC	ICES-Gen Issue 2 February 23, 2004	General Requirements for Compliance of Interference-Causing Equipment	
EMC	ICES 001 Issue 5 July 2020	Industrial, Scientific and Medical (ISM) Equipment	
EMC	ICES-003 Issue 7 October 15, 2020	Information Technology Equipment (including Digital Apparatus)	
<b>2 Radio Equipment and Systems</b>			
TC	RSS-GEN Issue 5, April 2018 Amendment 2 (February 2021) Amendment 1 (March 2019)	General Requirements for Compliance of Radio Apparatus	Highest measurable frequency range is limited to 750 GHz, special auxiliary equipment to be provided externally
TC	RSS-111 Issue5 September 4, 2014	Broadband Public Safety Equipment Operating in the Band 4940-4990 MHz	special auxiliary equipment to be provided externally
TC	RSS-112 Issue 1 February 2008	Land Mobile and Fixed Equipment Operating in the Band 1670–1675 MHz	special auxiliary equipment to be provided-externally
TC	RSS-117 Issue 3 January 2016 Amendment (June 4, 2021)	Land and Coast Station Transmitters Operating in the Band 200-535 kHz	special auxiliary equipment to be provided externally
TC	RSS-119 Issue 12 May 28, 2015 Amendment (April 1, 2022)	Land Mobile and Fixed Equipment Operating in the Frequency Range 27.41-960 MHz	special auxiliary equipment to be provided externally
TC	RSS-123 Issue 4 August 2019	Licensed Wireless Microphones	special auxiliary equipment to be provided externally

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TC	RSS-125 Issue 3 June 2020	Land Mobile and Fixed Equipment Operating in the Frequency Range 1.705 MHz to 30 MHz	special auxiliary equipment to be provided externally
TC	RSS-127 Issue 1 August 2009	Air-Ground Equipment Operating in the Bands 849-851 MHz and 894-896 MHz	special auxiliary equipment to be provided externally
TC	RSS-130 Issue 2 February 2019	Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz	special auxiliary equipment to be provided externally
TC	RSS-131 Issue 4 16 December 2022	Zone Enhancers	special auxiliary equipment to be provided externally
TC	RSS-132 Issue 4 January 31, 2023	Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz	special auxiliary equipment to be provided externally
TC	RSS-133 Issue 6 January 18, 2018 Amendment (January 2018)	2GHz Personal Communications Services	special auxiliary equipment to be provided externally
TC	RSS-134 Issue 2 February 5, 2016	900 MHz Narrowband Personal Communications Services	special auxiliary equipment to be provided externally
TC	RSS-135 Issue 2 June 2009	Digital Scanner Receivers	special auxiliary equipment to be provided externally
TC	RSS-137 Issue 2 February 2009	Location and Monitoring Service in the Band 902-928 MHz	special auxiliary equipment to be provided externally
TC	RSS-139 Issue 4 September 29, 2022 Amendment (October 2022)	Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2180 MHz	special auxiliary equipment to be provided externally
TC	RSS-140 Issue 1 April 2018	Equipment Operating in the Public Safety Broadband Frequency Bands 758-768 MHz and 788-798 MHz	special auxiliary equipment to be provided externally

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TC	RSS-141 Issue 2 June 2010	Aeronautical Radiocommunication Equipment in the Frequency Band 117.975-137 MHz	special auxiliary equipment to be provided externally
TC	RSS-142 Issue 5 April 2013	Narrowband Multipoint Communication Systems in the Bands 1429.5-1432 MHz	special auxiliary equipment to be provided externally
TC	RSS-170 Issue 4 September 29, 2022	Mobile Earth Stations (MESs) and Ancillary Terrestrial Component (ATC) Equipment Operating in the Mobile-Satellite Service (MSS) Bands	special auxiliary equipment to be provided externally
TC	RSS-181 Issue 2 August 2019 Amendment (February 2020)	Coast and Ship Station Equipment Operating in the Maritime Service in the Frequency Range 1605-28000 kHz	special auxiliary equipment to be provided externally
TC	RSS-182 Issue 6 June 4, 2021 Amendment (September 2023)	Maritime Radio Transmitters and Receivers in the Band 156-162.5 MHz	special auxiliary equipment to be provided externally
TC	RSS-191 Issue 3 April 2008 Note (effective January 21, 2020)	Local Multipoint Communication Systems in the Bands 25.35-28.35 GHz; Point-to-Point and Point-to-Multipoint Broadband Communication Systems in the Bands 24.25-24.45 GHz and 25.05-25.25 GHz; and Point-to-Multipoint Broadband Communications in the Band 38.6-40.0 GHz	special auxiliary equipment to be provided externally
TC	RSS-192 Issue 5 July 2023	Flexible Use Broadband Equipment Operating in the Band 3450-3650 MHz	special auxiliary equipment to be provided externally
TC	RSS-194 Issue 1 October 2007	Fixed Wireless Access Equipment Operating in the Band 953–960 MHz	special auxiliary equipment to be provided externally
TC	RSS-195 Issue 2 April 24, 2014	Wireless Communication Service (WCS) Equipment Operating in the Bands 2305-2320 MHz and 2345-2360 MHz	special auxiliary equipment to be provided externally

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TC	RSS-196 Issue 2 February 2019	Point-to-Multipoint Broadband Equipment Operating in the Band 512-608 MHz for Rural Remote Broadband Systems (RRBS) (TV Channels 21 to 36)	special auxiliary equipment to be provided externally
TC	RSS-197 Issue 1 February 2010	Wireless Broadband Access Equipment Operating in the Band 3650–3700 MHz	special auxiliary equipment to be provided externally
TC	RSS-198 Issue 1 August 2023	Flexible Use Broadband Equipment Operating in the Band 3900 – 3980 MHz	special auxiliary equipment to be provided externally
TC	RSS-199 Issue 4 July 2023	Broadband Radio Service (BRS) Equipment Operating in the Band 2500–2690 MHz	special auxiliary equipment to be provided externally
TC	RSS-210 Issue 10 December 2019	Licence-Exempt Radio Apparatus: Category I Equipment	special auxiliary equipment to be provided externally
TC	RSS-211 Issue 1 March 6, 2015	Level Probing Radar Equipment	special auxiliary equipment to be provided externally
TC	RSS-213 Issue 3 March 26, 2015	2 GHz Licence-Exempt Personal Communications Services (LE-PCS) Devices	special auxiliary equipment to be provided externally
TC	RSS-215 Issue 2 June 2009	Analogue Scanner Receivers	special auxiliary equipment to be provided externally
TC	RSS-216 Issue 2 January 20, 2016 Amendment 1 (September 2020)	Wireless Power Transfer Devices	special auxiliary equipment to be provided externally
TC	RSS-220 Issue 1, amendment 1 July 2018	Devices Using Ultra-Wideband (UWB) Technology	special auxiliary equipment to be provided externally
TC	RSS-222 Issue 3 October 4, 2021	White Space Devices (WSDs)	special auxiliary equipment to be provided externally

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TC	RSS-236 Issue 2 September 2022	General Radio Service Equipment Operating in the Band 26.960 to 27.410 MHz (Citizens Band)	special auxiliary equipment to be provided externally
TC	RSS-238 Issue 1 July 5, 2013	Shipborne Radar in the 2900-3100 MHz and 9225-9500 MHz Bands	special auxiliary equipment to be provided externally
TC	RSS-243 Issue 3 February 2010	Medical Devices Operating in the 401–406 MHz Frequency Band	special auxiliary equipment to be provided externally
TC	RSS-244 Issue 1 June 14, 2013 Amendment (February 2024)	Medical Devices Operating in the Band 413-457 MHz	special auxiliary equipment to be provided externally
TC	RSS-246 Issue 1 March 2019	Ultra-Low Power (ULP) Wireless Medical Capsule Endoscopy Devices Operating in the 430-440 MHz Band	special auxiliary equipment to be provided externally
TC	RSS-247 Issue 3 August 2023	Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices	special auxiliary equipment to be provided externally
TC	RSS-248 Issue 2 December 20, 2022	Radio Local Area Network (RLAN) Devices Operating in the 5925-7125 MHz Band	special auxiliary equipment to be provided externally
TC	RSS 251 Issue 2 July 2018	Vehicular Radar and Airport Fixed or Mobile Radar in the 76-81 GHz Frequency Band	special auxiliary equipment to be provided externally
TC	RSS-252 Issue 2 October 2023	Intelligent Transportation Systems - Dedicated Short Range Communications (DSRC) - On-Board Unit (OBU)	special auxiliary equipment to be provided externally
TC	RSS-287 Issue 3 April 2, 2024	Emergency Position Indicating Radio Beacons (EPIRB), Emergency Locator Transmitters (ELT), Personal Locator Beacons (PLB), and Maritime Survivor Locator Devices (MSLD)	special auxiliary equipment to be provided externally

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TC	RSS-288 Issue 1 January 2012	Global Maritime Distress and Safety System (GMDSS)	special auxiliary equipment to be provided externally
TC	RSS-295 Issue1 May 9, 2024	Licence-Exempt Radio Apparatus Operating in the Frequency Bands 116-123 GHz, 174.8-182 GHz, 185-190 GHz and 244-246 GHz	special auxiliary equipment to be provided externally
TC	RSS-310 Issue 5 January 2020	Licence-Exempt Radio Apparatus: Category II Equipment	special auxiliary equipment to be provided externally
TC	BETS-1 Issue 1 November 1, 1996	Technical Standards and Requirements for Low Power Announce Transmitters in the Frequency Bands 525-1,705 kHz and 88-107.5 MHz	special auxiliary equipment to be provided externally
TC	BETS-3 Issue 1 November 1, 1996	Technical Standards and Requirements for Radio Apparatus that Form Part of a Master Antenna Television (MATV) Broadcasting Undertaking	special auxiliary equipment to be provided externally
TC	BETS-4 Issue 1 November 1, 1996 Revised: May 2023	Technical Standards and Requirements for Television Broadcasting Transmitters	special auxiliary equipment to be provided externally
TC	BETS-5 Issue 1 November 1, 1996 Revised: May 2023	Technical Standards and Requirements for AM Broadcasting Transmitters	special auxiliary equipment to be provided externally
TC	BETS-6 Issue 2 August 2005	Technical Standards and Requirements for FM Broadcasting Transmitters	special auxiliary equipment to be provided externally
TC	BETS-7 Issue 4 June 9, 2023	Technical Standards and Requirements for Apparatus Capable of Receiving Television Broadcasting Signals	special auxiliary equipment to be provided externally
TC	BETS-8 Issue 1 November 1, 1996	Technical Standards and Requirements for FM Transmitters Operating in Small Remote Communities	special auxiliary equipment to be provided externally



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TC	BETS-9 Issue 1 November 1, 1996	Technical Standards and Requirements for Television Transmitters Operating in Small Remote Communities	special auxiliary equipment to be provided externally
TC	BETS-11 Issue 1 November 1, 1996	BETS-11 - Technical Requirements Respecting the Identification of Broadcasting Stations	special auxiliary equipment to be provided externally
<b>3 Human Exposure to EM-Fields</b>			
TC	RSS-102 (RF Exp) <sup>MEAS</sup> Issue 5 March 2015 Amendment 1, February 2021	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) (RF Exposure Evaluation)	
TC	RSS-102 (NS) <sup>MEAS</sup> Issue 5 March 2015 Amendment 1, February 2021	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) (Nerve Stimulation) Measuring Procedure: SPR-002 Supplementary Procedure for Assessing Compliance with RSS-102 Nerve Stimulation Exposure Limits (2016-09)	
TC	SPR-002 Issue 2 October 2022	Supplementary Procedure for Assessing Compliance of Equipment Operating from 3 kHz to 10 MHz with RSS-102	
TC	RSS-102 (RF Exp) Issue 6, December 15, 2023	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) (RF Exposure Evaluation)	
TC	RSS-102.NS.MEAS Issue 1 December 15, 2023	Measurement Procedure for Assessing Nerve Stimulation (NS) Compliance in Accordance with RSS-102	

Flexibility according to DAKKS SD 0 002\_e (Accreditation with flexible scope of testing laboratories, calibration laboratories and medical laboratories) and EA-2/15 M: 2019 (EA Requirements for the Accreditation of Flexible Scopes).

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**Abbreviations used:**

RSS Radio Standards Specification  
IEC International Electrotechnical Commission  
TC Telecommunication  
EMC Electromagnetic Compatibility