

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-12053-01-02 according to DIN EN ISO/IEC 17025:2018

Valid from: 02.10.2024

Date of issue: 02.10.2024

This annex is a part of the accreditation certificate D-PL-12053-01-00.

Holder of partial accreditation certificate:

TÜV NORD Hochfrequenztechnik GmbH & Co. KG
Waltherstraße 49 -51, 51069 Köln

with the location

TÜV NORD Hochfrequenztechnik GmbH & Co. KG
LESKANPARK, Gebäude 10
Waltherstraße 49 -51, 51069 Köln

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.

Technical field	Standard / Issue	Title of standard	Test area / reductions
Electromagnetic Compatibility (EMC)			
EMC	ICES–Gen Issue 2 February 23, 2024	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)	
EMC	ICES-005 Issue 5 December 2018	Lighting Equipment	
EMC	ICES-006 Issue 3 July 2018	AC Wire Carrier Current Devices (Unintentional Radiators)	
Radio Equipment and Systems			
TC	RSS-Gen Issue 5 - April 2018 Amendment 1 March 2019 Amendment 2, February 2021	General Requirements for Compliance of Radio Apparatus	
TC	RSS-111 Issue 5 September 4, 2014	Broadband Public Safety Equipment Operating in the Band 4940-4990 MHz	
TC	RSS-112 Issue 1 February 2008	Land Mobile and Fixed Equipment Operating in the Band 1670-1675 MHz	For Fixed and Base Stations special auxiliary equipment to be provided externally.

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TC	RSS-123 Issue 4 August 2019	Licensed Wireless Microphones	
TC	RSS-125 Issue 3 June 2020	Land Mobile and Fixed Equipment Operating in the Frequency Range 1.705 MHz to 30 MHz	
TC	RSS-127 Issue 1 August 2009	Air-Ground Equipment Operating in the Bands 849-851 MHz and 894-896 MHz	For Ground Station 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	
TC	RSS-131 Issue 4, 16 December 2022	Zone Enhancers	
TC	RSS-132 Issue 4, January 31 2023	Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz	
TC	RSS-133 Issue 6 January 18, 2018 Amendment January 2018	2GHz Personal Communications Services	
TC	RSS-134 Issue 2 February 5, 2016	900 MHz Narrowband Personal Communication Service	
TC	RSS-135 Issue 2 June 2009	Digital Scanner Receivers	
TC	RSS-137 Issue 2 February 2009	Location and Monitoring Service in the Band 902-928 MHz	

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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	
TC	RSS-140 Issue 1 April 2018	Equipment Operating in the Public Safety Broadband Frequency Bands 758-768 MHz and 788-798 MHz	
TC	RSS-141 Issue 2 June 2010	Aeronautical Radiocommunication Equipment in the Frequency Band 117.975-137 MHz	For fixed equipment with A3E emissions 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	
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	
TC	RSS-181 Issue 2 August 2019	Coast and Ship Station Equipment Operating in the Maritime Service in the Frequency Range 1605-28000 kHz	special auxiliary equipment to be provided
TC	RSS-182 Issue 6: June 4, 2021 Updated August 8, 2024	Maritime Radio Transmitters and Receivers in the Band 156-162.5 MHz	special auxiliary equipment to be provided
TC	RSS-194 Issue 1 October 2007	Fixed Wireless Access Equipment Operating in the Band 953–960 MHz	
TC	RSS-195 Issue 2 April 2014	Wireless Communication Service (WCS) Equipment Operating in the Bands 2305-2320 MHz and 2345-2360 MHz	special auxiliary equipment to be provided

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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)	For Base station special equipment to be provided externally
TC	RSS-197 Issue 1 February 2010	Wireless Broadband Access Equipment Operating in the Band 3650-3700 MHz	Base station to be provided externally
TC	RSS-210 Issue 10, December 2019 Amendment April 2020	Licence-Exempt Radio Apparatus: Category I Equipment	
TC	RSS-211 Issue 1 March 2015	Level Probing Radar Equipment	
TC	RSS-215 Issue 2 June 2009	Analogue Scanner Receivers	
TC	RSS-216 Issue 2 January 20, 2016 Amendment 1, September 2020	Wireless Power Transfer Devices	
TC	RSS-220 Issue 1 March 2009 Amendment 1 July 2018	Devices Using Ultra-Wideband (UWB) Technology	
TC	RSS-222 Issue 3 October 4, 2021	White Space Devices (WSDs)	
TC	RSS-236 Issue 2 September 2022	General Radio Service Equipment Operating in the 26.960 - 27.410 MHz (Citizens Band)	

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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	
TC	RSS-244 Issue 1 June 14, 2013 Amendment (February 2014)	Medical Devices Operating in the Band 413-457 MHz	
TC	RSS-247 Issue 3 August 2023	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices (including DFS)	
TC	RSS-251 Issue 2 July 2018	Vehicular Radar and Airport Fixed or Mobile Radar in the 76-81 GHz Frequency Band	
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)	
TC	RSS 288 Issue 1 January 2012	Global Maritime Distress and Safety System (GMDSS)	special auxiliary equipment to be provided externally
TC	RSS-310 Issue 5 January 2020	Licence-Exempt Radio Apparatus: Category II Equipment	
Human Exposure to EM-Fields			
TC	RSS-102 Issue 6, December 15, 2023	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)	

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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 71 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).

Abbreviations used:

- DIN Deutsches Institut für Normung e.V. – German institute for standardization
- EN Europäische Norm – European Standard
- ICES Interference – Causing Equipment Standards (ICES)
- IEC International Electrotechnical Commission
- ISO International Organization for Standardisation
- RSS Radio Standards Specification