

# Deutsche Akkreditierungsstelle

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

**Valid from:** 24.05.2023

**Date of issue:** 24.05.2023

Holder of accreditation certificate:

**TÜV NORD Hochfrequenztechnik GmbH & Co. KG**

with its testing laboratory

**TÜV NORD Hochfrequenztechnik GmbH & Co. KG  
LESKANPARK, Gebäude 10  
Waltherstraße 49-51, 51059 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 confirm generally with the principles of DIN EN ISO 9001.

Tests in the fields:

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

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.

*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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Technical field	Standard / Issue	Title of standard	Test area / reductions
<b>Electromagnetic Compatibility</b>			
EMC	ICES-Gen Issue 1 + Amendment: 2021-02	General Requirements for Compliance of Interference-Causing Equipment	Für ISCED-Anerkennung nicht erforderlich
EMC	ICES 001 Issue 5: 2020-07	Industrial, Scientific and Medical Radio Frequency Generators	Für ISCED-Anerkennung nicht erforderlich
EMC	ICES 003 Issue 7: 2020-10	Information Technology Equipment (ITE) - Limits and methods of measurement	Für ISCED-Anerkennung nicht erforderlich
EMC	ICES 005 Issue 5: 2018-12	Lighting Equipment	Für ISCED-Anerkennung nicht erforderlich
EMC	ICES 006 Issue 3: 2018-07	AC Wire Carrier Current Devices (Unintentional Radiators)	Für ISCED-Anerkennung nicht erforderlich
<b>Radio Equipment and Systems</b>			
TC	RSS-Gen Issue 5 + Amendment 1 + Amendment 2: 2021-02	General Requirements and Information for the Certification of Radiocommunication Equipment	
TC	RSS-111:2014-09	Broadband Public Safety Equipment Operating in the Band 4940-4990 MHz	
TC	RSS-112:2008-02	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-117:2016-01	Land and Coast Station Transmitters Operating in the Band 200-535 kHz	For A1A modulation special auxiliary equipment to be provided externally
TC	RSS-119:2015-05	Land Mobile and Fixed Radio Transmitters and Receivers, 27.41 to 960 MHz	
TC	RSS-123 Issue 4: 2019-08	Licensed Wireless Microphones	
TC	RSS-125 Issue 3: 2020-06	Land Mobile and Fixed Equipment Operating in the Frequency Range 1.705 MHz to 30 MHz	
TC	RSS-127:2009-08	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: 2019-02	RSS-130 — Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz 777-787 MHz	
TC	RSS-131 Issue 4: 2022-12	Zone Enhancers	
TC	RSS-132 Issue 4: 2023-01	Cellular Systems Operating in the Bands 824-849 MHz and 869-894 MHz	
TC	RSS-133:2018-01	2GHz Personal Communications Services	
TC	RSS-134:2016-02	900 MHz Narrowband Personal Communications Services	
TC	RSS-135:2009-06	Digital Scanner Receivers	
TC	RSS-137:2009-02	Location and Monitoring Service (902-928 MHz)	
TC	RSS-139 Issue 4 + Amendment: 2022-10	Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2200 MHz	

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TC	RSS-140:2018-04	Equipment Operating in the Public Safety Broadband Frequency Bands 758–768 MHz and 788–798 MHz	
TC	RSS-141:2010-06	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-142:2013-04	Narrowband Multipoint Communication Systems in the Bands 1429.5-1432 MHz	
TC	RSS-170 Issue 4: 2022-09	Mobile Earth Stations (MESs) and Ancillary Terrestrial Component (ATC) Equipment Operating in the Mobile-Satellite Service (MSS) Bands	
TC	RSS-181 Issue 2 + Amendment: 2020-02	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: 2021-06	Maritime Radio Transmitters and Receivers in the Band 156-162.5 MHz	special auxiliary equipment to be provided
TC	RSS-191:2008-04	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	
TC	RSS-192 Issue 4: 2020-05	Flexible Use Broadband Equipment Operating in the Band 3450-3650 MHz	
TC	RSS-194:2007-10	Fixed Wireless Access Equipment Operating in the Band 953–960 MHz	

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TC	RSS-195:2014-04	Wireless Communication Service (WCS) Equipment Operating in the Bands 2305-2320 MHz and 2345-2360 MHz	special auxiliary equipment to be provided
TC	RSS-196 Issue 2: 2019-02	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-197:2010-02	Wireless Broadband Access Equipment Operating in the Band 3650–3700 MHz	Base station to be provided externally
TC	RSS-199:2016-12	Broadband Radio Service (BRS) Equipment Operating in the Band 2500–2690 MHz	
TC	RSS-210 Issue 10, December 2019	Licence-Exempt Radio Apparatus: Category I Equipment	
TC	RSS-211:2015-03	Level Probing Radar Equipment	
TC	RSS-215:2009-06	Analogue Scanner Receivers	
TC	RSS-216:2016-01	Wireless Power Transfer Devices (Wireless Chargers)	
TC	RSS-220:2009-03 + Amendment Jul 018	Devices Using Ultra-Wideband (UWB) Technology	
TC	RSS-222 Issue 3: 2021-10	White Space Devices (WSDs)	
TC	RSS-236 Issue 2: 2022-09	General Radio Service Equipment Operating in the Band 26.960 to 27.410 MHz (Citizens Band)	
TC	RSS-238:2013-07	Shipborne Radar in the 2900-3100 MHz and 9225-9500 MHz Bands	special auxiliary equipment to be provided externally
TC	RSS-243:2010-02	Medical Devices Operating in the 401–406 MHz Frequency Band	

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TC	RSS-244:2013-06	Medical Devices Operating in the Band 413-457 MHz	
TC	RSS-247:2017-02	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices	
TC	RSS 251:2018-07	Field Disturbance Sensors in the Bands 46.7-46.9 GHz (Vehicular Radar) and 76-77 GHz (Vehicular and Airport Fixed Radar)	
TC	RSS-252:2017-09	Intelligent Transportation Systems — Dedicated Short Range Communications (DSRC) — On-Board Unit (OBU)	
TC	RSS-287 Issue 2 + Amendment 1 + Amendment 2: 2022-05	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: 2012-01	Global Maritime Distress and Safety System (GMDSS)	special auxiliary equipment to be provided externally
TC	RSS-310 Issue 5: 2020-01	Low-power Licence-exempt Radio communication Devices (All Frequency Bands): Category II Equipment	Für ISED-Anerkennung nicht erforderlich
<b>Human Exposure to EM-Fields</b>			
EMC	RSS – 102 (RF Exp.) <sup>MEAS</sup> Issue 5 – March 2015 + Amendment 1 Feb. 2nd, 2021	Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands), (RF Exposure)	
EMC	RSS – 102 (NS) <sup>MEAS</sup> Issue 5 – March 2015 + Amendment 1 Feb. 2nd, 2021	Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands), (Nerve Stimulation)	

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EMC	IEC 62209-1: 2005	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)	Für ISED-Anerkennung nicht erforderlich
EMC	IEC 62209-2:2010 + Cor. :2010	Human exposure to radio frequency fields from hand-held and body mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)	Für ISED-Anerkennung nicht erforderlich

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:**

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