

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-12140-01-03 according to DIN EN ISO/IEC 17025:2018

Valid from: 2019.09.12

Date of issue: 2019.09.12

Holder of certificate:

7layers GmbH
Borsigstraße 11, 40880 Ratingen

Tests in the fields:

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

Technical field	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
Electromagnetic Compatibility (EMC)			
EMC	ICES-Gen:2018-07	General Requirements for Compliance of Interference-Causing Equipment	
EMC	ICES 001:2006-06 +Nov. 2014	Industrial, Scientific and Medical (ISM) Radio Frequency Generators	
EMC	ICES 003:2016-01 +Apr. 2017	Information Technology Equipment (Including Digital Apparatus) - Limits and Methods of Measurement	

Abbreviations used: see last page

Technical field	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
EMC	ANSI C63.4-2014 Amendment: ANSI C63.4a-2017	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 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 - Amendment 1: Test Site Validation	
Radio Equipment and Systems			
TC	ANSI C63.10-2013	American National Standard for Testing of Unlicensed Wireless Devices	
TC	ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services	
TC	RSS-Gen:2018-04 with Amendment 1:2019-03	General Requirements for Compliance of Radio Apparatus	
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	
TC	RSS-119:2015-05	Land Mobile and Fixed Equipment Operating in the Frequency Range 27.41-960 MHz	
TC	RSS-123:2015-02	Licensed Low-Power Radio Apparatus	
TC	RSS-130:2019-02	Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz, Issue 2, February 2019	
TC	RSS-131:2017-01 +May 2017	Zone Enhancers	

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TC	RSS-132:2013-01	Cellular Telephone 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 in the Band 902-928 MHz	
TC	RSS-139:2015-07	Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2180 MHz	
TC	RSS-140:2018-04	Equipment Operating in the Public Safety Broadband Frequency Bands 758-768 MHz and 788-798 MHz	
TC	RSS-142:2013-04	Narrowband Multipoint Communication Systems in the Bands 1429.5-1432 MHz	
TC	RSS-170:2015-07	Mobile Earth Stations (MESs) and Ancillary Terrestrial Component (ATC) Equipment Operating in the Mobile-Satellite Service (MSS) Bands	
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-195:2014-04	Wireless Communication Service (WCS) Equipment Operating in the Bands 2305-2320 MHz and 2345-2360 MHz	
TC	RSS-199:2016-12	Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz	

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TC	RSS-210:2017-11	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	
TC	RSS-220:2009-03 +Jul. 2018	Devices Using Ultra-Wideband (UWB) Technology	
TC	RSS-222:2015-02	White Space Devices (WSDs)	
TC	RSS-236:2012-09	General Radio Service Equipment Operating in the Band 26.960 to 27.410 MHz (Citizens Band)	
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	Vehicular Radar and Airport Fixed or Mobile Radar in the 76-81 GHz Frequency Band	
TC	RSS-252:2017-09	Intelligent Transportation Systems — Dedicated Short Range Communications (DSRC) — On-Board Unit (OBU)	
TC	RSS-310:2015-07	Licence-Exempt Radio Apparatus: Category II Equipment	
Specific Absorption Rate (SAR) & Human Exposure to EM-Fields			
TC	RSS-102:2015-03	Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) In combination with: SPR-002 Supplementary Procedure for Assessing Compliance with RSS-102 Nerve Stimulation Exposure Limits (2016-09)	RF Exposure Evaluation and Nerve Stimulation (NS) Test

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Abbreviations used:

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

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