
Scope of Accreditation

Accredited conformity assessment body:

IDVORSKY LABORATORIES Ltd.

Serbia, Belgrade, Volgina 15

Standard:

SRPS ISO/IEC 17025:2017 (ISO/IEC 17025:2017)

Short description of the scope:

- **Testing of electromagnetic compatibility**
- **Electrical and electronic testing of radio telecommunication equipment**
- **Power consumption testing of electronic equipment**
- **Environmental testing of electrical and electronic equipment**
- **Testing of safety parameters for electrical and electronic equipment**

Disclaimer:

This is un-official translation in English of Scope of Accreditation of Idvorsky Laboratories issued in Serbian and valid from 25/12/2025 that can be found in the public Directory of Accredited Conformity Assessment Bodies governed by Accreditation Body of Serbia (www.ats.rs/en) at:

<http://www.registar.ats.rs/predmet/940/>

<http://www.registar.ats.rs/obim/3c9b06ea15674d7ab7a12056adca3b95>

Detailed scope of accreditation:

Test site: in laboratory Electromagnetic compatibility testing (EMC)				
Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
1.	Information technology equipment (IT)	Emission testing	Up to 2.7 GHz 3m distance	SRPS EN 55022:2011 - повучен SRPS EN 55022:2011/AC:2012 - повучен (EN 55022:2010 - withdrawn EN 55022:2010/AC:2011 - withdrawn)
2.	Household appliances, electric tools and similar apparatus	Continuous disturbance voltages testing (AMN/AAN)	9 kHz - 30 MHz	SRPS EN 55014-1:2017- повучен SRPS EN 55014-1:2017/A11:2021- повучен (EN 55014-1:2017- withdrawn) (EN 55014-1:2017/ A11:2020- withdrawn)
				SRPS EN IEC 55014-1:2021 (EN IEC 55014-1:2021)
		Radiated disturbances testing	30 - 1000 MHz	SRPS EN 55014-1:2017 - повучен SRPS EN 55014-1:2017/A11:2021 - повучен (EN 55014-1:2017 - withdrawn EN 55014-1:2017/A11:2020 - withdrawn)
			30 - 6000 MHz	SRPS EN IEC 55014-1:2021 (EN IEC 55014-1:2021)
Immunity testing		SRPS EN IEC 55014-2:2021 (EN IEC 55014-2:2021)		
3.	Electrical lighting and similar equipment	Disturbance voltages testing (AMN/AAN)	9 kHz - 30 MHz	SRPS EN IEC 55015:2020 SRPS EN IEC 55015:2020/A11:2020 (EN IEC 55015:2019 EN IEC 55015:2019/A11:2020)
		Radiated disturbances testing	30 MHz - 1000 MHz	
		Immunity testing		SRPS EN 61547:2012 (EN 61547:2009) SRPS EN IEC 61547:2023 (EN IEC 61547:2023)
4.	Industrial, scientific and medical (ISM) equipment	Emission testing	Up to 6 GHz @ 3 m distance	SRPS EN 55011:2017 SRPS EN 55011:2017/A1:2017 SRPS EN 55011:2017/A11:2021 SRPS EN 55011:2017/A2:2021 (EN 55011:2016 EN 55011:2016/A1:2017 EN 55011:2016/A11:2020 EN 55011:2017/A2:2021)
5.	Low voltage power supplies	EMC testing (emission, immunity)		EN 61204-3:2010 - повучен изуев табеле 3-3 (EN 61204-3:2000 – withdrawn except Table 3-3)
				EN IEC 61204-3:2018 изуев тачке 6.4.3 (EN IEC 61204-3:2018 except clause 6.4.3)
6.	Electrical equipment for measurement, control and laboratory use	EMC testing (emission, immunity)		SRPS EN 61326-1:2013 - повучен (EN 61326-1:2013 – withdrawn)
				SRPS EN 61326-2-1:2013 - повучен (EN 61326-2-1:2013 – withdrawn)
				(SRPS EN 61326-2-2:2013 - повучен (EN 61326-2-2:2013 – withdrawn)

Test site: in laboratory Electromagnetic compatibility testing (EMC)				
Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
				SRPS EN IEC 61326-1:2021 (EN IEC 61326-1:2021) SRPS EN IEC 61326-2-1:2021 (EN 61326-2-1:2021) (SRPS EN IEC 61326-2-2:2021 (EN IEC 61326-2-2:2021)
7.	Alarm systems	Immunity testing	Table 4 excluding pulse modulation	SRPS EN 50130-4:2012 SRPS EN 50130-4:2012/A1:2018 (EN 50130-4:2011 EN 50130-4:2011/A1:2014)
8.	Uninterruptible power supply (UPS)	EMC testing (emission, immunity)	w/o IEC 61000-2-2	SRPS EN 62040-2: 2010 - повучен (EN 62040-2:2006 - withdrawn) SRPS EN IEC 62040-2:2018 (EN IEC 62040-2:2018)
9.	Telecommunication network equipment	EMC testing (emission, immunity)	@ 3 m distance	SRPS EN 300 386 v1.6.1:2015 изузеџ Анекса А (EN 300 386 v1.6.1:2012 except Annex A) SRPS EN 300 386 v2.2.1:2022 (ETSI EN 300 386 v2.2.1 (2022-09))
10.	Radio equipment and services	EMC testing (emission, immunity)	Up to 6 GHz @ 3 m distance	SRPS EN 301 489-1 v1.9.2: 2012 (EN 301 489-1 v1.9.2:2011) SRPS EN 301 489-1 v2.1.1: 2017 (EN 301 489-1 v2.1.1:2017) SRPS EN 301 489-1 v2.2.3: 2020 (EN 301 489-1 v2.2.3: 2019)
11.	Electricity metering equipment	EMC testing (emission, immunity)	Burst up to 2 kV (EN 61000-4-4)	SRPS EN 62052-11:2009, т.7.1 и 7.5, без т. 7.5.7- повучен (EN 62052-11:2003, с.7.1 and 7.5, except с.7.5.7 - withdrawn) SRPS EN IEC 62052-11:2022 (EN IEC 62052-11:2021) SRPS EN IEC 62052-11:2022/A11:2022 (EN IEC 62052-11:2022/A11:2022) SRPS EN IEC 62052-11:2022/A12:2024 (EN IEC 62052-11:2022/A12:2024)
12.	Arc welding equipment	EMC testing (emission, immunity)	Single-phase up to 16 A (for с. 6.3.4)	SRPS EN 60974-10:2015 SRPS EN 60974-10: 2015/A1:2017 (EN 60974-10:2014 EN 60974-10:2014/A1:2015)
13.	Programmable controllers (PLC)	EMC testing (emission, immunity)	3 m distance / emission	SRPS EN 61131-2:2010 (EN 61131-2:2007)
14.	Road traffic signal systems	EMC testing (emission, immunity)	3 m distance / emission	SRPS EN 50293:2013 (EN 50293:2012)
15.	Machine tools	Emission testing	3 m distance / emission	SRPS EN 50370-1:2008 (EN 50370-1:2005)
		Immunity testing		SRPS EN 50370-2:2008 (EN 50370-2:2003)

Test site: in laboratory Electromagnetic compatibility testing (EMC)					
Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference	
16.	Home and Building Electronic Systems	EMC testing (emission, immunity)		SRPS EN 50491-5-1:2011 (EN 50491-5-1:2010) SRPS EN 50491-5-2:2011 (EN 50491-5-2:2010) SRPS EN 50491-5-3:2011 (EN 50491-5-3:2010)	
17.	Medical electrical equipment	EMC testing (emission, immunity)	Up to 6 GHz @ 3 m distance/emission; w/o ISO 7137, CISPR 25, ISO 7637-2 and EN 61000-4-39	SRPS EN 60601-1-2:2016 SRPS EN 60601-1-2:2016/A1:2021 (EN 60601-1-2:2015 EN 60601-1-2:2015/A1:2021)	
18.	Residential, commercial and light-industrial environments	Emission testing	Up to 6 GHz @ 3 m distance in SAC	SRPS EN 61000-6-3:2008 - <i>повучен</i> SRPS EN 61000-6-3:2008/A1:2011 - <i>повучен</i> SRPS EN 61000-6-3:2008/AC:2012 - <i>повучен</i> (EN 61000-6-3:2007 – <i>withdrawn</i> EN 61000-6-3:2007/A1:2011 – <i>withdrawn</i> EN 61000-6-3:2007/AC:2012 – <i>withdrawn</i>)	
				SRPS EN IEC 61000-6-3:2021 (EN IEC 61000-6-3:2021)	
		Immunity testing		SRPS EN 61000-6-1:2008 - <i>повучен</i> (EN 61000-6-1:2007 – <i>withdrawn</i>)	
				SRPS EN IEC 61000-6-1:2019 (EN IEC 61000-6-1:2019)	
19.	Industrial environments	Emission testing		SRPS EN 61000-6-4:2008 - <i>повучен</i> SRPS EN 61000-6-4:2008 /A1:2011 - <i>повучен</i> (EN 61000-6-4:2007 – <i>withdrawn</i> EN 61000-6-4:2007/A1:2011 – <i>withdrawn</i>)	
				SRPS EN IEC 61000-6-4:2020 (EN IEC 61000-6-4:2019)	
		Immunity testing		SRPS EN 61000-6-2:2008 - <i>повучен</i> (EN 61000-6-2:2005 – <i>withdrawn</i> EN 61000-6-2:2005/AC:2005 – <i>withdrawn</i>)	
				SRPS EN IEC 61000-6-2:2019 (EN IEC 61000-6-2:2019)	
20.	Electrical and electronic equipment, devices and systems intended for connection to public low-voltage supply systems	Limits for harmonic current emissions	Single-phase	SRPS EN 61000-3-2:2014 - <i>повучен</i> (EN 61000-3-2:2014 – <i>withdrawn</i>)	
				SRPS EN IEC 61000-3-2:2019 SRPS EN IEC 61000-3-2:2019/A1:2021 SRPS EN IEC 61000-3-2:2019/A2:2024 (EN IEC 61000-3-2:2019 EN IEC 61000-3-2:2019/A1:2021 EN IEC 61000-3-2:2019/A2:2024)	
		Limitation of voltage changes, voltage fluctuations and flicker		Single-phase	SRPS EN 61000-3-3:2014 SRPS EN 61000-3-3:2014/ A1:2020 SRPS EN 61000-3-3:2014/ A2:2021 SRPS EN 61000-3-3:2014/ A2:2021/AC:2022 (EN 61000-3-3:2013 EN 61000-3-3:2013/A1:2019 EN 61000-3-3:2013/ A2:2021 EN 61000-3-3:2013/ A2:2021/AC:2022-01)

Test site: in laboratory				
Electromagnetic compatibility testing (EMC)				
Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
22.	Electrical and electronic equipment, devices and systems (EMC basic standards)	Electrostatic discharge (ESD) immunity testing		SRPS EN 61000-4-2:2009 (EN 61000-4-2:2009)
		Radiated RF immunity testing	Up to 6 GHz and up to 10 V/m	SRPS EN IEC 61000-4-3:2021 (EN IEC 61000-4-3:2020)
		Electrical fast transient/burst (EFT/B) immunity testing		SRPS EN 61000-4-4:2013 (EN 61000-4-4:2012)
		Surge immunity testing	Single-phase; w/o 10/700 µs pulses	SRPS EN 61000-4-5:2014 SRPS EN 61000-4-5:2014/ A1:2017 (EN 61000-4-5:2014 EN 61000-4-5:2014/A1:2017)
		Conducted disturbances immunity testing		SRPS EN 61000-4-6: 2014 (EN 61000-4-6:2014)
				SRPS EN IEC 61000-4-6:2023 (EN IEC 61000-4-6:2023)
		Power frequency magnetic field immunity testing		SRPS EN 61000-4-8:2012 (EN 61000-4-8:2010)
		Pulse magnetic immunity testing	w/o Helmholtz coils	SRPS EN 61000-4-9:2017 (EN 61000-4-9:2016)
		Voltage dips, short interruptions and voltage variations immunity testing	Single-phase	SRPS EN IEC 61000-4-11:2021 SRPS EN IEC 61000-4-11:2021/AC:2021 (EN IEC 61000-4-11:2020 EN IEC 61000-4-11:2021/AC:2020-06)
		Conducted RF emissions (LISN, ISN)	9 kHz – 30 MHz	SRPS EN 55016-2-1:2014 SRPS EN 55016-2-1:2014 /A1:2017 SRPS EN 55016-2-1:2014 /AC:2021 (EN 55016-2-1:2014 EN 55016-2-1:2014/A1:2017 EN 55016-2-1:2014 /AC:2020-09)
SRPS EN 55016-2-3:2017 SRPS EN 55016-2-3:2017/A1:2020 SRPS EN 55016-2-3:2017/A2:2023 (EN 55016-2-3:2017 EN 55016-2-3:2017/A1:2019 EN 55016-2-3:2017/A2:2023)				
22.	Multimedia Equipment (MME): - IT equipment - AV equipment - TV, radio and satellite receivers - Lighting entertainment equipment And combination of the above.	Testing of conducted and radiated emissions		SRPS EN 55032:2015 SRPS EN 55032:2015/AC:2016 SRPS EN 55032:2015/A11:2021 SRPS EN 55032:2015/A1:2021 (EN 55032:2015 EN 55032:2015/AC:2016-07 EN 55032:2015/A11:2020 EN 55032:2015/A1:2020)
		Immunity testing	w/o disturbances from tables 2.2 and 2.3	SRPS EN 55035:2017 SRPS EN 55035:2017/A11:2021 (EN 55035:2017 EN 55035:2017/A11:2020)

Test site: in laboratory Electromagnetic compatibility testing (EMC)				
Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
23.	Electrical and Electronic Equipment	Powerline conducted emissions measurement		ANSI C63.4 - 2014
		Radiated emissions measurement	30 MHz - 18 GHz	ANSI C63.4 – 2014
24.	Vehicles, boats and internal combustion engines (components/modules)	Radiated emissions measurement (ALSE method)	30 MHz – 2000 MHz	SRPS EN 55025:2017 SRPS EN 55025:2017/AC:2017 (EN 55025:2017 EN 55025:2017/AC:2017-11)
				SRPS EN IEC 55025:2022 (EN IEC 55025:2022)
25.	Switches for household and similar fixed electrical installations	EMC testing: conducted (AMN/AAN) and radiated RF emissions and immunity		SRPS EN IEC 60669-2-1:2023 SRPS EN IEC 60669-2-1:2023/A11:2023 SRPS EN IEC 60669-2-1:2023/AC:2024 (EN IEC 60669-2-1:2022 (IEC 60669-2-1:2021) EN IEC 60669-2-1:2022/A11:2022 EN IEC 60669-2-1:2023/AC:2024-01)

Test site: in-situ*				
Electromagnetic compatibility testing				
Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
26.	Machine tools (electrically powered) or machine parts (components)	Emission testing*		SRPS EN 50370-1:2008 (EN 50370-1:2005)
		Immunity to electrostatic discharge*	ESD only	SRPS EN 50370-2:2008 (EN 50370-2:2003)
27.	Industrial, science and medical (ISM) equipment	Emission testing*	Up to 2 GHz	SRPS EN 55011:2011 - <i>новучен</i> SRPS EN 55011:2011/A1:2011 - <i>новучен</i> (EN 55011:2009 - <i>withdrawn</i> EN 55011:2009/A1:2010 - <i>withdrawn</i>)
				SRPS EN 55011:2017 SRPS EN 55011:2017/A1:2017 SRPS EN 55011:2017/A11:2021 SRPS EN 55011:2017/A2:2021 (EN 55011:2016 EN 55011:2016/A1:2017 EN 55011:2016/A11:2020 EN 55011:2016/A2:2021)

Test site: in laboratory				
Electrical and electronic testing of radio telecommunication equipment				
Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
28.	Electrical products and equipment, telecommunications, electronics Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques	<ul style="list-style-type: none"> • RF output power • Power Spectral Density • Occupied Channel Bandwidth • TX out of band • TX spurious • RX spurious • Receiver blocking 		SRPS EN 300 328 V1.8.1:2013 (EN 300 328 V1.8.1:2012)
				SRPS EN 300 328 V1.9.1:2015 (EN 300 328 V1.9.1:2015)
				SRPS EN 300 328 V2.1.1:2017 (EN 300 328 V2.1.1:2016)
				SRPS EN 300 328 V2.2.2:2020 (EN 300 328 V2.2.2:2019)
29.	Short Range Devices (SRD) Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz	Permitted range of operating frequencies	Conducted method	EN 300330-1 V1.8.1:2015 τ.7.3 (EN 300330-1 V1.8.1:2015 c.7.3)
				SRPS EN 300330 v2.1.1:2017 τ.4.3.2 (EN 300330 v2.1.1:2017 c.4.3.2)
30.	Short Range Devices (SRD) Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 mW	<ul style="list-style-type: none"> • Average power • Transient power • Modulation bandwidth • TX out of band emissions • TX spurious emissions • Frequency stability under low voltage conditions • Duty cycle • RX spurious emissions 		SRPS EN 300 220-1 V2.4.1:2013 (EN 300 220-1 V2.4.1:2012)
				SRPS EN 300 220-1 v3.1.1:2017 (EN 300 220-1 v3.1.1:2017)
31.	Mobile phones and user equipment (UE)	Spurious emissions	Radiated method up to 18 GHz	SRPS EN 301 908-1 V15.1.1:2022 (ETSI EN 301 908-1 V15.1.1:2021)
			Conducted method up to 26 GHz	SRPS EN 301 908-1 V15.2.1:2023 (ETSI EN 301 908-1 V15.2.1:2023)
				SRPS EN 301 511 V12.5.1:2017 (EN 301 511 V12.5.1:2017)

Test site: in laboratory and in-situ*

Electrical and electronic testing - Power consumption testing of electronic equipment

Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
32.	Televisions (TV sets), monitors, digital signage displays	Power consumption		SRPS EN 62087-3:2016 (EN 62087-3:2016)
				SRPS EN IEC 62087-3:2023 (EN IEC 62087-3:2023)
33.	Computer monitors	Power consumption		SRPS EN IEC 62087-7:2019 (EN IEC 62087-7:2019)
34.	Desktop and notebook computers*	Energy consumption		SRPS EN 62623:2014 (EN 62623:2013)
				SRPS EN IEC 62623:2022 (EN IEC 62623:2022)
35.	Set-top-boxes (STB)*	Power consumption		SRPS EN 62087-5:2016 (EN 62087-5:2016)
36.	Electrical and electronic household and office equipment	Measurement of low power consumption		SRPS EN 50564:2012 (EN 50564:2011)

Test site: in laboratory

Environmental testing of electrical and electronic equipment

Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
37.	Electrical and electronic devices	Test Cab: Damp heat, steady state		SRPS EN 60068-2-78:2015 (EN 60068-2-78:2013)
		Test B: Dry heat	Up to + 125 °C	SRPS EN 60068-2-2:2008 (EN 60068-2-2:2007)
		Test A: Cold	Up to - 40 °C	SRPS EN 60068-2-1:2008 (EN 60068-2-1:2007)

Test site: in laboratory

Testing of safety parameters for electrical and electronic equipment

Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
38.	Electrical and electronic devices	IP code	Up to IP4X and from IPX3 to IPX6.	SRPS EN 60529:2011 SRPS EN 60529:2011/A1:2011 SRPS EN 60529:2011/A2:2017 SRPS EN 60529:2011/A2:2017/AC:2023 (EN 60529:1991 EN 60529:1991/A1:2000 EN 60529:1991/A2:2013 EN 60529:1991/A2:2013/AC:2019-02)
		IK code	Up to IK08	SRPS EN 62262:2012 SRPS EN 62262:2012/A1:2022 (EN 62262:2002 EN 62262:2002/ A1:2021)
		Eh test: Hammer tests	Ehc	SRPS EN 60068-2-75:2015 (EN 60068-2-75:2014)
39.	Household appliances and similar apparatus	<ul style="list-style-type: none"> • Visual check • Voltage, current and power ratings • Temperature measurement with thermocouples • Temperature by resistance measurement • Leakage current • Dielectric strength • Torque test on screws • Clearance • Creepage • Ball pressure test • Glow wire test • Needle flame test • Mass • Dimensions • Impact resistance • Abnormal conditions • Fault conditions 		SRPS EN 60335-1:2016 SRPS EN 60335-1:2016/A13:2017 (EN 60335-1:2012 EN 60335-1:2012/A11:2014 EN 60335-1:2012/AC:2014 EN 60335-1:2012/A13:2017)

Test site: in laboratory

Testing of safety parameters for electrical and electronic equipment

Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
40.	IT/MME Information technology and multimedia equipment	<ul style="list-style-type: none"> • Visual check • Voltage, current and power ratings • Temperature measurement with thermocouples • Temperature by resistance measurement • Leakage current • Dielectric strength • Torque test on screws • Clearance • Creepage • Ball pressure test • Glow wire test • Needle flame test • Mass • Dimensions • Impact resistance • Abnormal and fault conditions simulation 		SRPS EN IEC 62368-1:2020 SRPS EN IEC 62368-1:2020/A11:2020 SRPS EN IEC 62368-1:2020/AC:2020 (EN IEC 62368-1:2020 EN IEC 62368-1:2020/A11:2020 EN IEC 62368-1:2020/AC:2020-05)
41.	Luminaries	<ul style="list-style-type: none"> • Visual check • Voltage, current and power ratings • Insulation resistance • Dielectric strength • Leakage current • Clearance • Creepage • Ball pressure test • Glow wire test • Needle flame test • Temperature • Torque test on screws • Impact resistance • IP code • Dimensions 		SRPS EN IEC 60598-1:2023 SRPS EN IEC 60598-1:2023/A11:2023 (EN IEC 60598-1:2021 EN IEC 60598-1:2021/A11:2022)

Test site: in laboratory

Testing of safety parameters for electrical and electronic equipment

Ordinal	Test subject / material / product	Test type and/or characteristic to be measured (testing technique)	Range of measurements (where applicable)	Reference
42.	Mediacal devices	<ul style="list-style-type: none">• Visual check• Risk assessment documentation check• Voltage, current and power ratings• Labels, indicators and displays visibility• Discharge time• Dielectric strength• Leakage current• Clearance• Creepage• Ball pressure test• Temperature• Impact resistance• IP code• Dimensions		SRPS EN 60601-1:2012 SRPS EN 60601-1:2012/A1:2014 SRPS EN 60601-1:2012/A12:2016 SRPS EN 60601-1:2012 /A1:2014/AC:2017 SRPS EN 60601-1:2012/A2:2021 SRPS EN 60601-1:2012/A13:2024 (EN 60601-1:2006 EN 60601-1:2006/A1:2013 EN 60601-1:2006/A12:2014 EN 60601-1:2006/A1:2013/AC:2014 EN 60601-1:2006/A2:2021 EN 60601-1:2012/A13:2024)

This Scope of accreditation is valid only with Accreditation certificate No 01-404

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