EA MLA Signatory
Český institut pro akreditaci, o.p.s.
(Czech Accreditation Institute)
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

CERTIFICATE OF ACCREDITATION

No. **453/2026**

RFspin s. r. o.
with registered office Na Beránce 57/2, Dejvice, 160 00 Praha 6
Company Registration No. 27084990

for the Calibration Laboratory No. **2433**
RFspin Calibration Laboratory

Scope of accreditation:

Antenna calibration to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

The Certificate of Accreditation is valid until: **06/10/2029**

Prague: 06/10/2026

Signed in the Czech original:
Gor Petrosjan on 06/10/2026

Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Martina Petrová

The Appendix is an integral part of
Certificate of Accreditation No.: 453/2026 of 06/10/2026

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

RFspin s. r. o.
CAB number 2433, RFspin Calibration Laboratory
Kumburský Újezd 112, 509 01 Nová Paka

CMC for the field of measured quantity: Electrical quantities

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the measurand		Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min unit	max unit						
1	Reflection coefficient / antennas	0 dB	to -6 dB		0,5 GHz to 40 GHz	0,21 dB	Vector network analyzer measurement	KP-02	
		-6 dB	to -15 dB		0,5 GHz to 40 GHz	0,41 dB			
		-15 dB	to -25 dB		0,5 GHz to 40 GHz	1,4 dB			
		-25 dB	to -35 dB		0,5 GHz to 40 GHz	4,1 dB			
2	Gain / antennas	-10 dB	to 40 dB	Distance: 1 m	0,5 GHz to 40 GHz	0,8 dB	Three-antenna method	KP-01 (SAE ARP 958E, cl. 4)	
				Distance: 3 m	0,5 GHz to 40 GHz	0,7 dB	Three-antenna method	KP-01 (ANSI C63.5, cl. 5)	
3	Antenna factor / antennas	-16 dB (m^{-1})	to 72 dB (m^{-1})	Distance: 1 m	0,5 GHz to 40 GHz	0,8 dB	Three-antenna method	KP-01 (SAE ARP 958E, cl. 4)	
				Distance: 3 m	0,5 GHz to 40 GHz	0,7 dB	Three-antenna method	KP-01 (ANSI C63.5, cl. 5)	

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with GLOBAL ACI-TECH-1-009 (M) and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself. "