The Appendix is an integral part of
Certificate of Accreditation No. 698/2025 of 22/12/2025

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

MIKROKOM, s.r.o.
CAB number 2311, Calibration Laboratory
Pod vinicí 622/22, Modřany, 143 00, Praha 4

CMC for the field of measured quantity: Electrical quantities

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the meas. quantity		Lowest expanded measurement uncertainty specified[2]	Calibration principle	Calibration procedure identification[3]	Location
		min. unit	max. unit						
1	RF signal level / RF measuring receivers	- 70 dBm	+7.4 dBm	1 MHz to 2,050 MHz	75 Ω 50 Ω	0.64 dB 0.58 dB	Measurement of power generated by the standard	KP06	

[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 ILAC-P14 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).

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CMC for the field of measured quantity: Optical quantities

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
1	Optical power level / Power Meters for Fiber Optics	-35 dBm	to	-4 dBm		800 nm to 1,650 nm	2.8%	Comparison with standard optical Power Meter by substitution method	KP01	
	Linearity / Power Meters for Fiber Optics	-60 dBm	to	-4 dBm		800 nm to 1,650 nm	0.14 dB	Comparison with standard optical Power Meter using Optical Attenuator		
2	Optical power level / Light Sources for Fiber Optics	-60 dBm	to	+10 dBm		800 nm to 1,650 nm	0.15 dB	Power measurement by standard optical Power Meter	KP02	
	Max. power wavelength / Light Sources for Fiber Optics	600 nm	to	1,650 nm			0.11 nm	Wavelength measurement by standard Optical Spectral Analyzer		
3	Wavelength / Optical Spectral Analyzers for Fiber Optics	1,250 nm	to	1,650 nm			0.11 nm	Comparison with standard Optical Spectral Analyzer	KP04	
		1,530 nm	to	1,560 nm			0.012 nm	Wavelength measurement using standard absorption chamber		
	Optical power level / Optical Spectral Analyzers for Fiber Optics	-35 dBm	to	-4 dBm		800 nm to 1,650 nm	0.16 dB	Comparison with standard optical Power Meter by substitution method		
	Linearity / Optical Spectral Analyzers for Fiber Optics	-60 dBm	to	-5 dBm		800 nm to 1,650 nm	0.19 dB	Comparison with standard optical Power Meter using Optical Attenuator		

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
4	Max power wavelength / Optical reflectometers OTDR	600 nm	to	1,650 nm			0.11 nm	Wavelength measurement by standard Optical Spectral Analyzer	KP05	
	Optical length of SMF fiber / Optical reflectometers OTDR			20.17 km		spectral bands 1,310 nm, 1,550 nm 1,625 nm	2.3 m	Optical length measurement of optical fiber standard		
	Attenuation (1 dB) / Optical reflectometers OTDR	-35 dBm	to	-4 dBm		800 nm to 1,650 nm	0.021 dB	Attenuation measurement at different fiber lengths – comparison with standard optical Power Meter using Optical Attenuator		

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