

The Appendix is an integral part of
Certificate of Accreditation No. 677/2023 of 19/12/2023

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

Český metrologický institut
CAB number 1341, ČMI Testing Laboratory
Okružní 31, 638 00 Brno

Workplace of the Testing Laboratory:

1. **Regional Inspectorate Praha**
including workplace in building IR
2. **Regional Inspectorate Brno**
3. **Laboratories for Fundamental Metrology Praha**
including workplace Laboratory Hvožďanská
4. **TESTCOM Praha**
5. **Regional Inspectorate Pardubice**
6. **Regional Inspectorate Jihlava**

Radiová 1136/3, 102 00 Praha 10 - Hostivař
Radiová 1288/1a, 102 00 Praha 10 - Hostivař
Okružní 31, 638 00 Brno
V Botanice 4, 150 72 Praha
Hvožďanská 2053/3, 148 01 Praha - Chodov
Hvožďanská 2053/3, 148 01 Praha - Chodov
Průmyslová 455, 530 03 Pardubice
Romana Havelky 294/17, 586 01 Jihlava

The laboratory applies a flexible approach to the scope of accreditation.

The current list of activities carried out within the flexible scope is publicly available on the laboratory's website [Scope of activities of the ČMI Testing Laboratory - update of standards and classification by FRA | Czech Metrology Institute \(cmi.cz\)](#) in the form „List of activities within the flexible scope of accreditation“.

The laboratory provides opinions and interprets test results.

The laboratory is qualified to carry out independent sampling.

Detailed information on activities within the scope of accreditation (determined analytes/ subject of testing / source literature) is given in the section „Specification of the scope of accreditation“.

1. **Regional Inspectorate Praha**

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of the composition of gas by gas chromatography with TCD and FID and calculation of its physico-chemical parameters (gross calorific value, net calorific value, Wobbe index, compactness, density)	114-MP-C003, chap. 5.2, 5.4.1, 5.5 (ČSN EN ISO 6974-4; ČSN EN ISO 6976)	Natural gas	A, B, D
2	Determination of sulphur constituents by gas chromatography with SCD	114-MP-C003, chap. 5.3 (ČSN EN ISO 19739)	Gaseous mixtures/natural gas	A, B, D
3	Determination of gas mixture composition by gas chromatography with TCD and FID	114-MP-C003, chap. 5.4.2 (ČSN EN ISO 6974-4)	Binary mixture of CO, CO ₂ , O ₂ or propane in nitrogen	A, B, D
4	Determination of ethanol content by gas chromatography with FID	114-MP-C006, chap. 5.4 (ČSN ISO 8573-6)	Gaseous mixture of ethanol in nitrogen	A, B, D
5	Measurement of thermal conductivity and thermal resistance	112-MP-C007 (ISO 8302; ČSN EN 12667)	Plate materials with a thickness of (4.7 to 34) mm	A, B, D
6.1	Determination of the degree of resistance – test of resistance to temperature	135-MP-C037, chap. 6 (ISO 2919; ISO 9978)	Sealed radionuclide source	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
6.2	Determination of the degree of resistance – test of resistance to external pressure	135-MP- C037, chap. 7 (ISO 2919; ISO 9978)	Sealed radionuclide source	A, B, D
6.3	Determination of the degree of resistance – test of resistance to impact	135-MP- C037, chap. 9.1 (ISO 2919; ISO 9978)	Sealed radionuclide source	A, B, D
6.4	Determination of the degree of resistance – test of resistance to vibrations	135-MP- C037, chap. 10 (ISO 2919; ISO 9978)	Sealed radionuclide source	A, B, D
6.5	Determination of the degree of resistance – test of resistance to penetration	135-MP- C037, chap. 9.2 (ISO 2919; ISO 9978)	Sealed radionuclide source	A, B, D
6.6	Determination of the degree of resistance – test of tightness	135-MP- C037, chap. 11 (ISO 2919; ISO 9978)	Sealed radionuclide source	A, B, D

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
1	hydrocarbons C ₁ – C ₆ , nitrogen, carbon dioxide
2	dimethylsulfide (DMS), tercbutylmercaptan (TBM), tetrahydrothiophene (THT);

Ordinal test number	Detailed information on activities within the scope of accreditation (subject of testing)
2	gaseous mixture based on methane or nitrogen



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2. Regional Inspectorate Brno

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Measurement of pH reference materials on primary standard	616-MP-C007	RM/CRM – aqueous solutions	-
2	Measurement of pH reference materials on secondary standard	616-MP-C008	RM/CRM – aqueous solutions	-
3	Measurement of electrolytic conductivity of solutions on primary standard	616-MP-C010	RM/CRM – aqueous solutions	-
4	Measurement of electrolytic conductivity of solutions on secondary standard	616-MP-C011	RM/CRM – aqueous solutions	-
5	Measurement of active and reactive energy	611-MP-C150 (ČSN EN 50470-1; ČSN EN 50470-3; ČSN EN 62052-11; ČSN EN 62053-21; ČSN EN 62053-22; ČSN EN 62053-23; ČSN EN 62053-24; OIML R 46)	Electricity meters	A, B, D
6*	Non-destructive characterization of internal structure and length by X-ray PC tomography	614-MP-C107	Industrial samples and products	A, B, D
7	Testing of metrology software in measuring instruments	853-MP-C001 (WELMEC 7.2; OIML D 31; OIML R 49; OIML R 117; OIML R 137; OIML R 139; EN 45501, Annex E, G)	Metrology software	A, B, D
8.1	Tests of the accuracy and precision of measuring instruments under specified conditions	050-MP-C301 (OIML R 76; EN 45501)	Scales with non-automatic operation	A, B, D
8.2	Tests of the accuracy and precision of measuring instruments under specified conditions	050-MP-C307 (OIML R 51; OIML R 61; OIML R 134)	Scales with automatic operation	A, B, D
9*	Tests of the accuracy and precision of measuring instruments under specified conditions	050-MP-C302 (OIML R 49; ISO 4064-2)	Water meters	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
10*	Tests of the accuracy and precision of measuring instruments under specified conditions	050-MP-C306; 050-MP-C314; 050-MP-C317; 615-MP-A002 (OIML R 139; OIML R 117)	Measuring systems	A, B, D
11	Tests of the accuracy and precision of measuring instruments under specified conditions	615-MP-A001 (OIML R85)	Automatic level gauges	A, B, D
12	EMC Tests	OIML R 49; ISO 4064-2; ČSN EN 61000-2-1; ČSN EN 61000-2-2; ČSN EN 61000-4-1; ČSN EN 61000-4-2; ČSN EN 61000-4-3; ČSN EN 61000-4-4; ČSN EN 61000-4-5; ČSN EN 61000-4-6; ČSN EN 61000-4-11; ČSN EN 61000-6-1; ČSN EN 61000-6-2	Water meters	A, B, D
13	Tests of the accuracy and precision of measuring instruments under specified conditions	614-MP-C030 (OIML R 129-2)	Multidimensional gauges	A, B, D

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Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (subject of testing)
7	Measuring software for scales and add-on modules, water meters, gas meters and calculators, electrical energy meters, heat meters, measuring systems for liquids other than water, dispensers, taximeters, dimensional gauges



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3. Laboratories for Fundamental Metrology Praha

Tests:

Ordinal number ¹	Test procedure/ method name	Test procedure/ method identification ²	Subject of the test	Degrees of freedom ³
1.1	Measurement of photometric, colorimetric and spectroradiometric quantities on a mirror goniospectrophotometer	818-MP-C014 (ČSN EN 13032-1+A1; ČSN EN 13032-2, art. 4, 5; ČSN EN 50285; ČSN EN 60064; ČSN EN 60081; ČSN EN 60901; ČSN EN 60969+A1)	Lamps and luminaires for inner and outside space	A, B, D
1.2	Measurement of photometric, colorimetric and spectroradiometric quantities on a mirror goniospectrophotometer	818-MP-C014 (ČSN EN 13032-3, art. 4, 5)	Lamps and luminaires for emergency lighting of work places	A, B, D
1.3	Measurement of photometric, colorimetric and spectroradiometric quantities on a mirror goniospectrophotometer	818-MP-C014 (ČSN EN 13032-4; IES LM-79-08; CIE S 025/E:2015)	LED lamps, modules and luminaires	A, B, D
1.4	Measurement of photometric, colorimetric and spectroradiometric quantities on a mirror goniospectrophotometer	818-MP-C014 (ČSN EN 130201-2; ČSN CEN/TR 13201-1)	Lamps and luminaires for road lighting	A, B, D
1.5	Measurement of photometric, colorimetric and spectroradiometric quantities on a mirror goniospectrophotometer	818-MP-C014 (ČSN EN 12368, art. 6, 8)	Signal heads	A, B, D
1.6	Measurement of photometric, colorimetric and spectroradiometric quantities on a mirror goniospectrophotometer	818-MP-C014 (ČSN EN 61341)	Reflector lamps	A, B, D

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4. TESTCOM Praha

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Testing of metrological software in measuring instruments	853-MP-C001 (WELMEC 7.2; OIML D 31; OIML R 49; OIML R 117; OIML R 137; OIML R 139; EN 45501, Annex E, G)	Metrological software	A, B, D
2	Measurement of frequency error	ETSI EN 300 086, art. 7.1; ETSI EN 300 113, art. 7.1; ETSI EN 300 433, art. 7.1; ETSI EN 300 220-1, art. 5.7; ETSI EN 300 296, art. 7.1; ETSI EN 300 422-1, art. 8.1; ETSI EN 300 422-2, art. 8.1; ETSI EN 300 422-3, art. 8.1; ETSI EN 300 454-1, art. 8.1; ETSI EN 301 357, art. 8.4; ETSI EN 302 208, art. 5.5.1; ETSI EN 302 561, art. 7.7 ETSI EN 303 213-5-2, art. 5.3.1	Equipment for fixed and land mobile service	A, B, D
3	Measurement of power (on antenna connector)	ETSI EN 300 086, art. 7.2; ETSI EN 300 113, art. 7.2; ETSI EN 300 433, art. 7.2; ETSI EN 300 220-1, art. 5.2; ETSI EN 300 330, art. 6.2.5; ETSI EN 300 422-1, art. 8.2.1; ETSI EN 300 422-2, art. 8.2.1; ETSI EN 300 422-3, art. 8.2.1; ETSI EN 300 454-1, art. 8.2.2; ETSI EN 302 208, art. 5.5.3; ETSI EN 302 561, art. 7.1; ETSI EN 303 213-5-2, art. 5.3.2	Equipment for fixed and land mobile service	A, B, D
4	Measurement of effective radiated power	ETSI EN 300 086, art. 7.3; ETSI EN 300 113, art. 7.3; ETSI EN 300 433, art. 7.2; ETSI EN 300 220-1, art. 5.2; ETSI EN 300 296, art. 7.2; ETSI EN 300 330, art. 6.2.4, 6.2.6; ETSI EN 300 422-1, art. 8.2.2; ETSI EN 300 422-2, art. 8.2.2; ETSI EN 300 422-3, art. 8.2.2; ETSI EN 300 454-1, art. 8.2.3; ETSI EN 301 357, art. 8.5 ETSI EN 302 208, art. 5.5.3;	Equipment for fixed and land mobile service	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
		ETSI EN 302 291-1, art. 7.1; ETSI EN 302 561, art. 7.2		
5	Measurement of frequency deviation	ETSI EN 300 086, art. 7.5; ETSI EN 300 113, art. 7.4; ETSI EN 300 433, art. 7.4; ETSI EN 300 220-1, art. 5.11; ETSI EN 300 296, art. 7.4; ETSI EN 302 561, art. 7.3	Equipment for fixed and land mobile service	A, B, D
6	Measurement of conducted spurious emissions of the transmitter	ETSI EN 300 086, art. 7.6.2; ETSI EN 300 113, art. 7.5.2; ETSI EN 300 433, art. 7.5; ETSI EN 300 220-1, art. 5.8, 5.9; ETSI EN 300 330, art. 6.2.7; ETSI EN 300 609-4, art. 5.3.1; ETSI EN 302 208, art. 5.5.6; ETSI EN 302 291-1, art. 7.2.2; ETSI EN 302 561, art. 7.4.2.2; ETSI EN 303 213-5-2, art. 5.3.4, art. 5.3.5	Equipment for fixed and land mobile service	A, B, D
7	Measurement of intermodulation attenuation	ETSI EN 300 086, art. 7.7; ETSI EN 300 113, art. 7.6; ETSI EN 300 609-4, art. 5.3.3; ETSI EN 302 561, art. 7.5	Equipment for fixed and land mobile service	A, B, D
8	Measurement of maximum usable sensitivity	ETSI EN 300 086, art. 8.1; ETSI EN 300 113, art. 8.1; ETSI EN 300 433, art. 8.1; ETSI EN 300 220-1, art. 5.14; ETSI EN 300 296, art. 8.1; ETSI EN 302 561, art. 8.1, 8.2;	Equipment for fixed and land mobile service	A, B, D
9	Measurement of co-channel protection ratio	ETSI EN 300 086, art. 8.3; ETSI EN 300 113, art. 8.5; ETSI EN 300 296, art. 8.3; ETSI EN 302 561, art. 8.6;	Equipment for fixed and land mobile service	A, B, D
10	Measurement of adjacent channel selectivity	ETSI EN 300 086, art. 8.4; ETSI EN 300 113, art. 8.6; ETSI EN 300 433, art. 8.2; ETSI EN 300 220-1, art. 5.15; ETSI EN 300 296, art. 8.4; ETSI EN 302 208, art. 5.6.1; ETSI EN 302 561, art. 8.4	Equipment for fixed and land mobile service	A, B, D
11	Measurement of interference suppression	ETSI EN 300 086, art. 8.5, 9.2; ETSI EN 300 113, art. 8.7, 9.2; ETSI EN 300 220-1, art. 5.17; ETSI EN 300 296, art. 8.5;	Equipment for fixed and land mobile service	A, B, D
12	Measurement of intermodulation response rejection of the receiver	ETSI EN 300 086, art. 8.6; ETSI EN 300 113, art. 8.8; ETSI EN 300 433, art. 8.3; ETSI EN 300 296, art. 8.6; ETSI EN 302 561, art. 8.7;	Equipment for fixed and land mobile service	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
13	Measurement of blocking or desensitization	ETSI EN 300 086, art. 8.7; ETSI EN 300 113, art. 8.9; ETSI EN 300 433, art. 8.5; ETSI EN 300 220-1, art. 5.18; ETSI EN 300 296, art. 8.7; ETSI EN 302 208, art. 5.6.2; ETSI EN 302 291-1, art. 8.1; ETSI EN 302 561, art. 8.3;	Equipment for fixed and land mobile service	A, B, D
14	Measurement of conducted spurious emissions of the receiver	ETSI EN 300 086, art. 8.8.2; ETSI EN 300 113, art. 8.10.2; ETSI EN 300 433, art. 8.4; ETSI EN 300 220-1, art. 5.9; ETSI EN 300 422-1, art. 9.1.2; ETSI EN 300 422-2, art. 9.1.2; ETSI EN 300 422-3, art. 9.1.2; ETSI EN 300 454-1, art. 9.1.2; ETSI EN 301 357, art. 9.2.2; ETSI EN 302 208, art. 5.7.2; ETSI EN 302 291-1, art. 8.2.2; ETSI EN 302 561, art. 8.5.2.1;	Equipment for fixed and land mobile service	A, B, D
15	Measurement of receiver desensitization with simultaneous transmission and reception	ETSI EN 300 086, art. 9.1; ETSI EN 300 113, art. 9.1	Equipment for fixed and land mobile service	A, B, D
16	Measurement of transient frequency behaviour of the transmitter	ETSI EN 300 433, art. 7.6; ETSI EN 300 454-1, art. 8.5	Equipment for fixed and land mobile service	A, B, D
17	Measurement of transmitter attack time	ETSI EN 300 113, art. 7.7	Equipment for fixed and land mobile service	A, B, D
18	Measurement of transmitter release time	ETSI EN 300 113, cl. 7.8	Equipment for fixed and land mobile service	A, B, D
19	Measurement of transient behaviour of the transmitter	ETSI EN 300 113, art. 7.9; ETSI EN 300 220-1, art. 5.10; ETSI EN 302 561, art. 7.6	Equipment for fixed and land mobile service	A, B, D
20	Measurement of radiated spurious emissions of the transmitter	ETSI EN 300 086, art. 7.6.3; ETSI EN 300 113, art. 7.5.3; ETSI EN 300 433, art. 7.5; ETSI EN 300 220-1, art. 5.8, 5.9; ETSI EN 300 296, art. 7.5; ETSI EN 300 330, art. 6.2.8, 6.2.9; ETSI EN 300 422-1, art. 8.4; ETSI EN 300 422-2, art. 8.4; ETSI EN 300 422-3, art. 8.4; ETSI EN 300 454-1, art. 8.4; ETSI EN 300 609-4, art. 5.3.2; ETSI EN 301 357, art. 8.7; ETSI EN 302 208, art. 5.5.6; ETSI EN 302 291-1, art. 7.2.3, 7.2.4; ETSI EN 302 608, art. 6.1.2, 6.1.4	Equipment for fixed and land mobile service	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
21	Measurement of radiated spurious emissions of the receiver	ETSI EN 300 086, art. 8.8.3; ETSI EN 300 113, art. 8.10.3; ETSI EN 300 433, art. 8.4; ETSI EN 300 220-1, art. 5.9; ETSI EN 300 296, art. 8.2; ETSI EN 300 330, art. 6.3.1; ETSI EN 300 422-1, art. 9.1.3, 9.1.4; ETSI EN 300 422-2, art. 9.1.3, 9.1.4; ETSI EN 300 422-3, art. 9.1.3, 9.1.4; ETSI EN 300 454-1, art. 9.1.3, 9.1.4; ETSI EN 301 357, art. 9.2.3, 9.2.4; ETSI EN 302 208, art 5.7.2; ETSI EN 302 291-1, art. 8.2.2	Equipment for fixed and land mobile service	A, B, D
22	Measurement of modulation bandwidth for wideband equipment	ETSI EN 300 220-1, art. 5.6; ETSI EN 300 330, art. 6.2.2, 6.2.3; ETSI EN 302 608, art. 6.1.1, 6.1.3; ETSI EN 303 213-5-2, art. 5.3.3	Equipment for fixed and land mobile service	A, B, D
23	Measurement of error behaviour at high input levels	ETSI EN 300 113, art. 7.3	Equipment for fixed and land mobile service	A, B, D
24	Measurement of channel bandwidth	ETSI EN 300 422-1, art. 8.3; ETSI EN 300 422-2, art. 8.3; ETSI EN 300 422-3, art. 8.3; ETSI EN 300 454-1, art. 8.3; ETSI EN 301 357, art. 8.6; ETSI EN 302 208, art. 5.5.5	Equipment for fixed and land mobile service	A, B, D
25	Measurement of out of band gain	ETSI EN 300 609-4, art. 5.3.4	Equipment for fixed and land mobile service	A, B, D
26	Measurement of frequency stability under low voltage conditions	ETSI EN 300 220-1, art. 5.12; ETSI EN 302 208, art. 5.5.2	Equipment for fixed and land mobile service	A, B, D
27	Measurement of parameters of transmitter in the LPD range II	ETSI EN 301 357, art. 8.3	Equipment for fixed and land mobile service	A, B, D
28	Measurement of LBT threshold and transmitter max on-time	ETSI EN 300 220-1, art. 5.21.2; ETSI EN 302 208, art. 5.5.7; ETSI EN 300 440, art. 4.4.2	Equipment for fixed and land mobile service	A, B, D
29	Measurement of spurious emissions	ETSI EN 302 017, art. 5.3.1, 5.3.3; ETSI EN 302 018, art. 5.3.1, 5.3.10; ETSI EN 302 077-2, art. 4.2.1; ETSI EN 302 245-2, art. 4.2.1; ETSI EN 302 296, art. 5.4.2; ETSI EN 302 297, art. 4.2.1	Equipment for radio and TV broadcasting	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
30	Measurement of out of band emissions	ETSI EN 302 017, art. 5.3.5; ETSI EN 302 018, art. 5.3.12; ETSI EN 302 077-2, art. 4.2.2; ETSI EN 302 245-2, art. 4.2.3; ETSI EN 302 296, art. 5.4.3; ETSI EN 302 297, art. 4.2.2	Equipment for radio and TV broadcasting	A, B, D
31	Measurement of spurious emissions - radiated	ETSI EN 302 017, art. 5.3.1, 5.3.3; ETSI EN 302 018, art. 5.3.10; ETSI EN 302 077-2, art. 4.3; ETSI EN 302 245-2, art. 4.3; ETSI EN 302 296, art. 5.4.2; ETSI EN 302 297 V1.1.1, art. 4.3	Equipment for radio and TV broadcasting	A, B, D
32	Measurement of transmitter muting during frequency shift	ETSI EN 302 017, art. 5.3.4; ETSI EN 302 018-2, art. 5.3.11; ETSI EN 302 245-2, art. 4.2.2; ETSI EN 302 297, art. 4.2.3	Equipment for radio and TV broadcasting	A, B, D
33	Measurement of power	ETSI EN 300 328, art. 5.3.2; ETSI EN 301 893, art. 5.4.4.2.1.1.2, 5.4.4.2.1.2.2, 5.4.4.2.1.3.1; ETSI EN 302 502, art. 5.4.3; ETSI EN 302 326-2, art. 6.3.2, 6.3.6; ETSI EN 302 217-2, art. 5.2.1, 5.2.2.1	Equipment with spread spectrum, Point-Multipoint equipment (P - MP), Point-Point equipment (P - P)	A, B, D
34	Measurement of equivalent isotropically radiated power	ETSI EN 300 328, art. 5.3.2; ETSI EN 300 440, art. 4.2.2; ETSI EN 302 288-1, art. 7.1.4.1	Equipment with spread spectrum, Short-range devices	A, B, D
35	Measurement of maximum spectral power density	ETSI EN 300 328, art. 5.3.3; ETSI EN 302 288-1, art. 7.1.2, 7.1.3; ETSI EN 300 220-1, art. 5.3	Equipment with spread spectrum, equipment for fixed and land mobile service	A, B, D
36	Measurement of frequency	ETSI EN 301 893, art. 5.4.2; ETSI EN 302 502, art. 5.4.2; ETSI EN 302 326-2, art. 6.3.3, 6.3.7; ETSI EN 302 217-2, art. 5.2.7, 5.2.2.2	Equipment with spread spectrum, Point-Multipoint equipment (P - MP), Point-Point equipment (P - P)	A, B, D
37	Measurement of frequency range	ETSI EN 300 328, art. 5.3.4, 5.3.5, 5.3.8; ETSI EN 301 893, art. 5.4.3; ETSI EN 300 440, art. 4.2.3; ETSI EN 302 066, art. 6.5.3; ETSI EN 302 288-1, art. 7.1.1, 7.1.4.2	Equipment with spread spectrum, Short-range devices	A, B, D
38	Measurement of spectrum	ETSI EN 302 326-2, art. 6.3.4, 6.3.8; ETSI EN 302 217-2, art. 5.2.3, 5.2.4, 5.2.6	Point-Multipoint equipment (P - MP), Point-Point equipment (P - P)	A, B, D



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Okružní 31, 638 00 Brno

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
39	Measurement of spurious emissions of the transmitters	ETSI EN 300 328, art. 5.4.9; ETSI EN 300 440, art. 4.2.4; ETSI EN 301 893, art. 5.4.5; 5.4.6; ETSI EN 302 066, art. 6.5.6; ETSI EN 302 502, art. 5.4.4; ETSI EN 302 326-2, art. 6.3.5; ETSI EN 302 217-2, cl. 5.2.5; ETSI EN 302 288-1, art. 7.1.5, 7.2	Equipment with spread spectrum, Short-range devices, Point-Multipoint equipment (P - MP), Point-Point equipment (P - P)	A, B, D
40	Measurement of input level	ETSI EN 302 326-2, art. 6.4.3	Point-Multipoint equipment (P - MP)	A, B, D
41	Measurement of spurious emissions of the receiver	ETSI EN 300 328, art. 5.4.10; ETSI EN 300 440, art. 4.3.5; ETSI EN 301 893, art. 5.4.7; ETSI EN 302 502, art. 5.4.5; ETSI EN 302 326-2, art. 6.4.2; ETSI EN 302 217-2, art. 5.3.1; ETSI EN 302 288-1, art. 8.1	Equipment with spread spectrum, Short-range devices, Point-Multipoint equipment (P - MP), Point-Point equipment (P - P)	A, B, D
42	Measurement of BER dependence on input power level	ETSI EN 302 326-2, art. 6.4.3; ETSI EN 302 217-2, art. 5.3.2	Point-Multipoint equipment (P - MP), Point-Point equipment (P - P)	A, B, D
43	Measurement of co-channel interference	ETSI EN 302 326-2, art. 6.4.4.1; ETSI EN 302 217-2, art. 5.3.3.2	Point-Multipoint equipment (P - MP), Point-Point equipment (P - P)	A, B, D
44	Measurement of adjacent channel interference	ETSI EN 302 326-2, art. 6.4.4.3; ETSI EN 302 217-2, art. 5.3.3.2; ETSI EN 300 440, art. 4.3.3	Point-Multipoint equipment (P - MP), Point-Point equipment (P - P), Short-range devices	A, B, D
45	Measurement of CW interference	ETSI EN 302 326-2, art. 6.4.4.3; ETSI EN 302 217-2, art. 5.3.3.3; ETSI EN 300 440, art. 4.3.4; ETSI EN 301 893, art. 5.4.10; ETSI EN 302 502, art. 5.4.7	Point-Multipoint equipment (P - MP), Point-Point equipment (P - P), Short-range devices	A, B, D
46	Dynamic Frequency Selection (DFS) functional test	ETSI EN 301 893, art. 5.4.8; ETSI EN 302 502, art. 5.4.6	Equipment with spread spectrum	A, B, D
47	Measurement of radiation pattern envelope (off-axis EIRP density)	ETSI EN 302 326-2, art. 6.5.2; ETSI EN 302 326-3, art. 5.4; ETSI EN 302 217-2, art. 5.4.1	Point-Multipoint equipment (P - MP), Point-Point equipment (P - P)	A, B, D
48	Antenna gain measurement	ETSI EN 302 326-2, art. 6.5.3; ETSI EN 302 326-3, art. 5.5; ETSI EN 302 217-2, art. 5.4.2	Point-Multipoint equipment (P - MP), Point-Point equipment (P - P)	A, B, D
49	Measurement of antenna Cross-Polar Discrimination (XPD)	ETSI EN 302 217-2, art. 5.4.3	Point-Point equipment (P - P)	A, B, D
50	Measurement of frequency deviation	ETSI EN 300 086, art. 7.4; ETSI EN 300 433, art. 7.3; ETSI EN 300 296, art. 7.3	Equipment for fixed and land mobile service	A, B, D
51	Checking power supply type, load type, purpose, automatic action characteristics, connection method	EN 60730-1 art. 6; ČSN EN 60730-1, art. 6	Automatic electrical controls for household and similar use	A, B, D



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52	Check for completeness of labelling data and instructions	EN 60598-1, art. 3; ČSN EN 60598-1, art. 3; EN 60730-1, art. 7; ČSN EN 60730-1, art. 7	Luminaires, automatic electrical controls for household and similar use	A, B, D
53	Check of protection against electrical shock	EN 60730-1, čl. 8, except art. 8.1.10; ČSN EN 60730-1, čl. 8, except art. 8.1.10	Automatic electrical controls for household and similar use	A, B, D
54	Check of protective earthing devices	EN 60598-1, art. 7; ČSN EN 60598-1, art. 7; EN 60730-1, art. 9; ČSN EN 60730-1, art. 9	Information technology equipment, office equipment, Luminaires, Automatic electrical controls for household and similar use	A, B, D
55	Check of used conductors, joints and feeding method	EN 60598-1, art. 5; ČSN EN 60598-1, art. 5	Luminaires	A, B, D
56	Measurement of temperature rise	EN 60335-1, art. 11; ČSN EN 60335-1, art. 11; EN IEC 61558-1, art. 14; ČSN EN IEC 61558-1, art. 14; EN 60730-1, art. 14; ČSN EN 60730-1, art. 14	Information technology equipment, office equipment, Household and similar appliances, Safety transformers, Power transformers, power sources, Automatic electrical controls for household and similar use	A, B, D
57	Measurement of leakage current	EN 60335-1, art. 13, 16; ČSN EN 60335-1, art. 13, 16	Appliances for household and other uses	A, B, D
58	Measurement of electric strength	EN 60335-1, art. 13, 16; ČSN EN 60335-1, art. 13, 16; EN IEC 61558-1, art. 18; ČSN EN IEC 61558-1, art. 18; EN 60598-1, art. 10; ČSN EN 60598-1, art. 10; EN 60730-1, art. 13; ČSN EN 60730-1, art. 13	Household and similar appliances, Safety transformers, Power transformers, power sources, Luminaires, Automatic electrical controls for household and similar use	A, B, D
59	Check of application of materials, components and subassemblies, general requirements	EN IEC 62368-1, art. 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9; ČSN EN IEC 62368-1+A11, art. 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9	Audio / video device, information and communication technology	A, B, D
60	Check of protection against electrically caused injury	EN IEC 62368-1, art. 5; ČSN EN IEC 62368-1+A11, art. 5	Audio / video device, information and communication technology	A, B, D
61	Check of protection against electrically caused fire	EN IEC 62368-1, art. 6; ČSN EN IEC 62368-1+A11, art. 6	Audio / video device, information and communication technology	A, B, D
62	Check of protection against injury caused by hazardous substances	EN IEC 62368-1, art. 7; ČSN EN IEC 62368-1+A11, art. 7	Audio / video device, information and communication technology	A, B, D
63	Check of protection against mechanically caused injury	EN IEC 62368-1, cl. 8; ČSN EN IEC 62368-1+A11, art. 8	Audio / video device, information and communication technology	A, B, D



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64	Check of protection against thermal burn injury	EN IEC 62368-1, art. 9; ČSN EN IEC 62368-1+A11, art. 9	Audio / video device, information and communication technology	A, B, D
65	Check of protection against illicit radiation	EN IEC 62368-1, art. 10; ČSN EN IEC 62368-1+A11, art. 10	Audio / video device, information and communication technology	A, B, D
66	Measurement of moisture resistance	EN 60335-1, art. 15.2, 15.3; ČSN EN 60335-1, art. 15.2, 15.3; EN IEC 61558-1, art. 17; ČSN EN IEC 61558-1, art. 17	Household and similar appliances, Safety transformers, Power transformers, power sources	A, B, D
67	Measurement of heat and fire resistance	EN 60335-1, art. 30; ČSN EN 60335-1, art. 30; EN IEC 61558-1, cl. 27.1 to 27.3; ČSN EN IEC 61558-1, art. 27.1 to 27.3; EN 60730-1, cl. 21, except 21.2.7; ČSN EN 60730-1, cl. 21, except 21.2.7; EN 60598-1, art. 13; ČSN EN 60598-1, art. 13; EN 61010-1, art. 9, 10; ČSN EN 61010-1, art. 9, 10	Equipment for domestic and other uses, safety transformers, automatic electrical control equipment for domestic and similar purposes, luminaires, measuring and laboratory equipment	A, B, D
68	Control of radiation, toxicity and similar hazards	EN 60335-1, art. 32; ČSN EN 60335-1, art. 32	Appliances for household and other uses	A, B, D
69	Check of used protection against electrical accident	EN 60335-1, art. 8; ČSN EN 60335-1, art. 8; EN 60598-1, art. 8; ČSN EN 60598-1, art. 8	Household and similar appliances, Luminaires	A, B, D
70	Check of used parts	EN 60335-1, art. 24; ČSN EN 60335-1, art. 24; EN 60730-1, art. 24; ČSN EN 60730-1, art. 24	Household and similar appliances, Automatic electrical controls for household and similar use	A, B, D
71	Measurement of power input and current	EN 60335-1, art. 10; ČSN EN 60335-1, art. 10	Household and similar appliances	A, B, D
72	Check and completeness of marking and operating manuals	EN 60335-1, art. 7; ČSN EN 60335-1, art. 7; EN 60730-1, art. 7; ČSN EN 60730-1, art. 7	Household and similar appliances, Automatic electrical controls for household and similar use	A, B, D
73	Check and measurement of overload protection	EN 60335-1, art. 17; ČSN EN 60335-1, art. 17	Household and similar appliances	A, B, D
74	Measurement of creepage distances, air distances and distances across insulation	EN 60335-1, art. 29; ČSN EN 60335-1, art. 29; EN IEC 61558-1, art. 26; ČSN EN IEC 61558-1, art. 26; EN 60598-1, art. 11; ČSN EN 60598-1, art. 11; EN 60730-1, art. 20; ČSN EN 60730-1, art. 20; EN 60664-1, art. 4.1.1.2.1 ČSN EN 60664-1, art. 4.1.1.2.1	Household and similar appliances, Safety transformers, Power transformers, power sources, Luminaires, Automatic electrical controls for household and similar use	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
75	Check of internal connection	EN 60335-1, art. 23; ČSN EN 60335-1, art. 23	Household and similar appliances	A, B, D
76	Check of method of connection to network and use of external movable lead cables	EN 60335-1, art. 25; ČSN EN 60335-1, art. 25	Household and similar appliances	A, B, D
77	Mechanical check of terminals for outer conductors	EN 60335-1, art. 26; ČSN EN 60335-1, art. 26; EN 60730-1, art. 10; ČSN EN 60730-1, art. 10	Household and similar appliances, Automatic electrical controls for household and similar use	A, B, D
78	Check of stability and potential mechanical hazards	EN 60335-1, art. 20; ČSN EN 60335-1, art. 20	Household and similar appliances	A, B, D
79	Check of structure, terminals, screws and joints	EN 60335-1, art. 22, 28; ČSN EN 60335-1, art. 22, 28; EN 60730-1, art. 11; ČSN EN 60730-1, cl. 11; EN 60598-1, art. 14, 15; ČSN EN 60598-1, art. 14, 15	Household and similar appliances, Automatic electrical controls for household and similar use, luminaires	A, B, D
80	Measurement and simulation of abnormal activity	EN 60335-1, art. 17, 19; ČSN EN 60335-1, art. 17, 19; EN 60730-1, art. 27; ČSN EN 60730-1, art. 27	Household and similar appliances, Automatic electrical controls for household and similar use	A, B, D
81	Check of method of connection to power supply, input and output voltage and current	EN IEC 61558-1, art. 10, 11, 12, 13; ČSN EN IEC 61558-1, art. 10, 11, 12, 13	Safety transformers, Power transformers, power sources	A, B, D
82	Check of used measures for protective connection	EN 60335-1, art. 27; ČSN EN 60335-1, art. 27	Household and similar appliances	A, B, D
83	Check of method of connection to network and use of movable lead cables	EN IEC 61558-1, art. 22; ČSN EN IEC 61558-1, art. 22	Safety transformers, Power transformers, power sources	A, B, D
84	Mechanical check of terminals for lead wires	EN IEC 61558-1, art. 23; ČSN EN IEC 61558-1, art. 23	Safety transformers, Power transformers, power sources	A, B, D
85	Check of mechanical strength	EN IEC 61558-1, art. 16; ČSN EN IEC 61558-1, art. 16	Safety transformers, Power transformers, power sources	A, B, D
86	Check of structure, screws and joints	EN IEC 61558-1, art. 19, 25; ČSN EN IEC 61558-1, art. 19, 25; EN 60598-1, art. 14, 15; ČSN EN 60598-1, art. 14, 15; EN 60730-1, c art. 18; ČSN EN 60730-1, art. 18	Safety transformers, Power transformers, power sources, Luminaires, Automatic electrical controls for household and similar use	A, B, D
87	Dielectric tests	EN 62052-31, art. 6.10.4; ČSN EN 62052-31, art. 6.10.4	Electricity metering equipment	A, B, D
88	Check and measurement of short-circuit and overload resistance	EN IEC 61558-1, art. 15; ČSN EN IEC 61558-1, art. 15	Safety transformers, Power transformers, power sources	A, B, D
89	Check of used parts	EN IEC 61558-1, art. 20; ČSN EN IEC 61558-1, art. 20	Safety transformers, Power transformers, power sources	A, B, D
90	Check of completeness of marking and stated other information	EN IEC 61558-1, art. 8; ČSN EN IEC 61558-1, art. 8	Safety transformers, Power transformers, power sources	A, B, D



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91	Check of method of protection against access to dangerous live parts	EN IEC 61558-1, art. 9; ČSN EN IEC 61558-1, art. 9	Safety transformers, Power transformers, power sources	A, B, D
92	Check of used measures for protective connection	EN IEC 61558-1, art. 24; ČSN EN IEC 61558-1, c art. 24	Safety transformers Power transformers, power sources	A, B, D
93	Check of performance of internal connection	EN IEC 61558-1, art. 21; ČSN EN IEC 61558-1, art. 21	Safety transformers, Power transformers, power sources	A, B, D
94	Check of used parts	EN 61010, art. 14; ČSN EN 61010-1, art. 14	Control and laboratory equipment	A, B, D
95	Check of completeness of marking and documentation	EN 61010-1, art. 5; ČSN EN 61010-1, art. 5	Control and laboratory equipment	A, B, D
96	Check of method of protection against electrical accident	EN 61010-1, art. 6; ČSN EN 61010-1, art. 6	Control and laboratory equipment	A, B, D
97	Check of use and verification of protection by blocking	EN 61010-1, art. 15; ČSN EN 61010-1, art. 15	Control and laboratory equipment	A, B, D
98	Check of method of protection against mechanical danger and mechanical resistance	EN 61010-1, art. 7, 8; ČSN EN 61010-1, art. 7, 8	Control and laboratory equipment	A, B, D
99	Check of method of equipment connection	EN 60598-1, art. 4; ČSN EN 60598-1, art. 4; EN 60730-1, art. 19; ČSN EN 60730-1, art. 19	Luminaires, Automatic electrical controls for household and similar use	A, B, D
100	Environmental testing – Cold	EN 60068-2-1, art. 4 to 8; ČSN EN 60068-2-1, art. 4 to 8; EN 60730-1, art. 16; ČSN EN 60730-1, art. 16	Electrotechnical equipment, automatic electrical controls for household and similar use	A, B, D
101	Environmental testing – Dry heat	EN 60068-2-2, art. 4 to 8; ČSN EN 60068-2-2, art. 4 to 8; EN 60730-1, art. 16; ČSN EN 60730-1, art. 16	Electrotechnical equipment, automatic electrical controls for household and similar use	A, B, D
102	Environmental testing – Damp heat, cyclic	EN 60068-2-30, art. 4 to 10; ČSN EN 60068-2-30, art. 4 to 10	Electrotechnical equipment	A, B, D
103	Environmental testing - Damp heat, Constant	EN 60068-2-78, art. 4 to 10; ČSN EN 60068-2-78, art. 4 to 10	Electrotechnical equipment	A, B, D
104	Fire hazard testing – Glowing/hot-wire tests	EN 60695-2-10; ČSN EN 60598-2-10; EN 60695-2-11; ČSN EN 60598-2-11; EN 60695-2-12; ČSN EN 60695-2-12; EN 60695-2-13; ČSN EN 60695-2-13	Electrotechnical equipment, solid electrical insulating materials, solid flammable materials	A, B, D
105	Fire hazard testing – Needle-flame tests	EN 60695-11-5; ČSN EN 60695-11-5	Electrotechnical equipment, solid electrical insulating materials, solid flammable materials	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
106	Fire hazard testing – Abnormal heat – Ball pressure test	EN 60695-10-2; ČSN EN 60695-10-2	Electrotechnical equipment, solid electrical insulating materials, solid flammable materials	A, B, D
107	Reserved			
108.1	Measurement of radio disturbance of information technology equipment, radio equipment and systems	EN 55032; ČSN EN 55032	Information technology equipment	A, B, D
108.2	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 300 386	Telecommunication network equipment	A, B, D
108.3	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-1	Radio equipment and services	A, B, D
108.4	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-3	Short-range devices operating on frequencies between 9 kHz and 40 GHz	A, B, D
108.5	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-4	Fixed radio links and ancillary equipment and services	A, B, D
108.6	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-5	Private land mobile radio and ancillary equipment (speech and non-speech)	A, B, D
108.7	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-6	Digital enhanced cordless telecommunications equipment	A, B, D
108.8	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-7	Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	A, B, D
108.9	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-8	GSM base stations	A, B, D
108.10	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-9	Wireless microphones and similar radio frequency audio link equipment	A, B, D
108.11	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-11	Terrestrial sound broadcast transmitters	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
108.12	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-12	VSAT stations operated in the frequency ranges between 4 GHz and 30 GHz	A, B, D
108.13	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-13	Citizens' band radio and ancillary equipment (speech and non-speech)	A, B, D
108.14	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-14	Analogue and digital terrestrial TV broadcasting service transmitters	A, B, D
108.15	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-17	Wideband transmission systems and HIPERLAN equipment	A, B, D
108.16	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-19		A, B, D
108.17	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-20	Receive only mobile earth stations operating in the 1.5 GHz band providing data communications	A, B, D
108.18	Measurement of radio disturbance of information technology equipment, radio equipment and systems	EN IEC 62052-11; ČSN EN IEC 62052-11	Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications	A, B, D
108.19	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-33	Ultra wide band communication equipment (UWB)	A, B, D
108.20	Measurement of radio disturbance of information technology equipment, radio equipment and systems	ETSI EN 301 489-52	Mobile and portable (UE) radio and auxiliary equipment	A, B, D
109.1*	Electrostatic discharge immunity tests	EN 61000-4-2; ČSN EN 61000-4-2	Electrical equipment	A, B, D
109.2*	Electrostatic discharge immunity tests	ETSI EN 300 386	Telecommunication network equipment	A, B, D
109.3*	Electrostatic discharge immunity tests	ETSI EN 301 489-1	Public telecommunication network equipment	A, B, D
109.4*	Electrostatic discharge immunity tests	ETSI EN 301 489-3	Short-range devices operating on frequencies between 9 kHz and 40 GHz	A, B, D
109.5*	Electrostatic discharge immunity tests	ETSI EN 301 489-4	Fixed radio links and ancillary equipment and services	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
109.6*	Electrostatic discharge immunity tests	ETSI EN 301 489-5	Private land mobile radio and ancillary equipment (speech and non-speech)	A, B, D
109.7*	Electrostatic discharge immunity tests	ETSI EN 301 489-6	Digital enhanced cordless telecommunications equipment	A, B, D
109.8*	Electrostatic discharge immunity tests	ETSI EN 301 489-7	Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	A, B, D
109.9*	Electrostatic discharge immunity tests	ETSI EN 301 489-8	GSM base stations	A, B, D
109.10*	Electrostatic discharge immunity tests	ETSI EN 301 489-9	Wireless microphones and similar radio frequency audio link equipment	A, B, D
109.11*	Electrostatic discharge immunity tests	ETSI EN 301 489-11	Terrestrial sound broadcast transmitters	A, B, D
109.12*	Electrostatic discharge immunity tests	ETSI EN 301 489-12	VSAT stations operated in the frequency ranges between 4 GHz and 30 GHz	A, B, D
109.13*	Electrostatic discharge immunity tests	ETSI EN 301 489-13	Citizens' band radio and ancillary equipment (speech and non-speech)	A, B, D
109.14*	Electrostatic discharge immunity tests	ETSI EN 301 489-14	Analogue and digital terrestrial TV broadcasting service transmitters	A, B, D
109.15*	Electrostatic discharge immunity tests	ETSI EN 301 489-17	Wideband transmission systems and HIPERLAN equipment	A, B, D
109.16*	Electrostatic discharge immunity tests	ETSI EN 301 489-19	Receive only mobile earth stations operating in the 1.5 GHz band providing data communications	A, B, D
109.17*	Electrostatic discharge immunity tests	ETSI EN 301 489-20	MES stations used in MSS	A, B, D
109.18*	Electrostatic discharge immunity tests	ETSI EN 301 489-33	Ultra wide band communication equipment (UWB)	A, B, D
109.19*	Electrostatic discharge immunity tests	ETSI EN 301 489-52	Mobile and portable (UE) radio and auxiliary equipment	A, B, D
109.20*	Electrostatic discharge immunity tests	EN IEC 62052-11; ČSN EN IEC 62052-11	Electrometers	A, B, D
110.1	Radiated, radio frequency, electromagnetic field immunity tests	EN IEC 61000-4-3; ČSN EN IEC 61000-4-3	Electrical equipment	A, B, D
110.2	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 300 386	Telecommunication network equipment	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
110.3	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-1	Radio equipment and services	A, B, D
110.4	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-3	Short-range devices operating on frequencies between 9 kHz and 40 GHz	A, B, D
110.5	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-4	Fixed radio links and ancillary equipment and services	A, B, D
110.6	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-5	Private land mobile radio and ancillary equipment (speech and non-speech)	A, B, D
110.7	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-6	Digital enhanced cordless telecommunications equipment	A, B, D
110.8	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-7	Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	A, B, D
110.9	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-8	GSM base stations	A, B, D
110.10	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-9	Wireless microphones and similar radio frequency audio link equipment	A, B, D
110.11	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-11	Terrestrial sound broadcast transmitters	A, B, D
110.12	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-12	VSAT stations operated in the frequency ranges between 4 GHz and 30 GHz	A, B, D
110.13	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-13	Citizens' band radio and ancillary equipment (speech and non-speech)	A, B, D
110.14	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-14	Analogue and digital terrestrial TV broadcasting service transmitters	A, B, D
110.15	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-17	Wideband transmission systems and HIPERLAN equipment	A, B, D
110.16	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-19	Receive only mobile earth stations operating in the 1.5 GHz band providing data communications	A, B, D
110.17	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-20	MES stations used in MSS	A, B, D



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110.18	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-33	Ultra wide band communication equipment (UWB)	A, B, D
110.19	Radiated, radio frequency, electromagnetic field immunity tests	ETSI EN 301 489-52	Mobile and portable (UE) radio and auxiliary equipment	A, B, D
110.20	Radiated, radio frequency, electromagnetic field immunity tests	EN IEC 62052-11; ČSN EN IEC 62052-11	Electrometers	A, B, D
111.1*	Electrical fast transient/burst immunity tests	EN 61000-4-4; ČSN EN 61000-4-4	Electrical equipment	A, B, D
111.2*	Electrical fast transient/burst immunity tests	ETSI EN 300 386	Telecommunication network equipment	A, B, D
111.3*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-1	Radio equipment and services	A, B, D
111.4*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-3	Short-range devices operating on frequencies between 9 kHz and 40 GHz	A, B, D
111.5*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-4	Fixed radio links and ancillary equipment and services	A, B, D
111.6*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-5	Private land mobile radio and ancillary equipment (speech and non-speech)	A, B, D
111.7*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-6	Digital enhanced cordless telecommunications equipment	A, B, D
111.8*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-7	Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	A, B, D
111.9*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-8	GSM base stations	A, B, D
111.10*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-9	Wireless microphones and similar radio frequency audio link equipment	A, B, D
111.11*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-11	Terrestrial sound broadcast transmitters	A, B, D
111.12*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-12	VSAT stations operated in the frequency ranges between 4 GHz and 30 GHz	A, B, D
111.13*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-13	Citizens' band radio and ancillary equipment (speech and non-speech)	A, B, D
111.14*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-14	Analogue and digital terrestrial TV broadcasting service transmitters	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
111.15*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-17	Wideband transmission systems and HIPERLAN equipment	A, B, D
111.16*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-19	Receive only mobile earth stations operating in the 1.5 GHz band providing data communications	A, B, D
111.17*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-20	MES stations used in MSS	A, B, D
111.18*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-33	Ultra wide band communication equipment (UWB)	A, B, D
111.19*	Electrical fast transient/burst immunity tests	ETSI EN 301 489-52	Mobile and portable (UE) radio and auxiliary equipment	A, B, D
111.20*	Electrical fast transient/burst immunity tests	EN IEC 62052-11; ČSN EN IEC 62052-11	Electrometers	A, B, D
112.1*	Surge immunity tests	EN 61000-4-5; ČSN EN 61000-4-5	Electrical equipment	A, B, D
112.2*	Surge immunity tests	ETSI EN 300 386	Telecommunication network equipment	A, B, D
112.3*	Surge immunity tests	ETSI EN 301 489-1	Radio equipment and services	A, B, D
112.4*	Surge immunity tests	ETSI EN 301 489-3	Short-range devices operating on frequencies between 9 kHz and 40 GHz	A, B, D
112.5*	Surge immunity tests	ETSI EN 301 489-4	Fixed radio links and ancillary equipment and services	A, B, D
112.6*	Surge immunity tests	ETSI EN 301 489-5	Private land mobile radio and ancillary equipment (speech and non-speech)	A, B, D
112.7*	Surge immunity tests	ETSI EN 301 489-6	Digital enhanced cordless telecommunications equipment	A, B, D
112.8*	Surge immunity tests	ETSI EN 301 489-7	Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	A, B, D
112.9*	Surge immunity tests	ETSI EN 301 489-8	GSM base stations	A, B, D
112.10*	Surge immunity tests	ETSI EN 301 489-9	Wireless microphones and similar radio frequency audio link equipment	A, B, D
112.11*	Surge immunity tests	ETSI EN 301 489-11	Terrestrial sound broadcast transmitters	A, B, D
112.12*	Surge immunity tests	ETSI EN 301 489-12	VSAT stations operated in the frequency ranges between 4 GHz and 30 GHz	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
112.13*	Surge immunity tests	ETSI EN 301 489-13	Citizens' band radio and ancillary equipment (speech and non-speech)	A, B, D
112.14*	Surge immunity tests	ETSI EN 301 489-14	Analogue and digital terrestrial TV broadcasting service transmitters	A, B, D
112.15*	Surge immunity tests	ETSI EN 301 489-17	Wideband transmission systems and HIPERLAN equipment	A, B, D
112.16*	Surge immunity tests	ETSI EN 301 489-19	Receive only mobile earth stations operating in the 1.5 GHz band providing data communications	A, B, D
112.17*	Surge immunity tests	ETSI EN 301 489-20	MES stations used in MSS	A, B, D
112.18*	Surge immunity tests	ETSI EN 301 489-33	Ultra wide band communication equipment (UWB)	A, B, D
112.19*	Surge immunity tests	ETSI EN 301 489-52	Mobile and portable (UE) radio and auxiliary equipment	A, B, D
112.20*	Surge immunity tests	EN IEC 62052-11; ČSN EN IEC 62052-11	Electrometers	A, B, D
113.1*	Immunity to conducted disturbances induced by RF fields tests	EN 61000-4-6; ČSN EN 61000-4-6	Electrical equipment	A, B, D
113.2*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 300 386	Telecommunication network equipment	A, B, D
113.3*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-1	Radio equipment and services	A, B, D
113.4*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-3	Short-range devices operating on frequencies between 9 kHz and 40 GHz	A, B, D
113.5*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-4	Fixed radio links and ancillary equipment and services	A, B, D
113.6*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-5	Private land mobile radio and ancillary equipment (speech and non-speech)	A, B, D
113.7*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-6	Digital enhanced cordless telecommunications equipment	A, B, D
113.8*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-7	Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
113.9*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-8	GSM base stations	A, B, D
113.10*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-9	Wireless microphones and similar radio frequency audio link equipment	A, B, D
113.11*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-11	Terrestrial sound broadcast transmitters	A, B, D
113.12*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-12	VSAT stations operated in the frequency ranges between 4 GHz and 30 GHz	A, B, D
113.13*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-13	Citizens' band radio and ancillary equipment (speech and non-speech)	A, B, D
113.14*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-14	Analogue and digital terrestrial TV broadcasting service transmitters	A, B, D
113.15*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-17	Wideband transmission systems and HIPERLAN equipment	A, B, D
113.16*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-19	Receive only mobile earth stations operating in the 1.5 GHz band providing data communications	A, B, D
113.17*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-20	MES stations used in MSS	A, B, D
113.18*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-33	Ultra wide band communication equipment (UWB)	A, B, D
113.19*	Immunity to conducted disturbances induced by RF fields tests	ETSI EN 301 489-52	Mobile and portable (UE) radio and auxiliary equipment	A, B, D
113.20*	Immunity to conducted disturbances induced by RF fields tests	EN IEC 62052-11; ČSN EN IEC 62052-11	Electrometers	A, B, D
114.1*	Voltage dips, short interruptions and voltage variations immunity tests	EN IEC 61000-4-11; ČSN EN IEC 61000-4-11; EN 61000-4-29; ČSN EN 61000-4-29	Electrical equipment	A, B, D
114.2*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 300 386	Telecommunication network equipment	A, B, D
114.3*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-1	Radio equipment and services	A, B, D
114.4*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-3	Short-range devices operating on frequencies between 9 kHz and 40 GHz	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
114.5*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-4	Fixed radio links and ancillary equipment and services	A, B, D
114.6*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-5	Private land mobile radio and ancillary equipment (speech and non-speech)	A, B, D
114.7*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-6	Digital enhanced cordless telecommunications equipment	A, B, D
114.8*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-7	Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	A, B, D
114.9*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-8	GSM base stations	A, B, D
114.10*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-9	Wireless microphones and similar radio frequency audio link equipment	A, B, D
114.11*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-11	Terrestrial sound broadcast transmitters	A, B, D
114.12*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-12	VSAT stations operated in the frequency ranges between 4 GHz and 30 GHz	A, B, D
114.13*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-13	Citizens' band radio and ancillary equipment (speech and non-speech)	A, B, D
114.14*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-14	Analogue and digital terrestrial TV broadcasting service transmitters	A, B, D
114.15*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-17	Wideband transmission systems and HIPERLAN equipment	A, B, D
114.16*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-19	Receive only mobile earth stations operating in the 1.5 GHz band providing data communications	A, B, D
114.17*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-20	MES stations used in MSS	A, B, D
114.18*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-33	Ultra wide band communication equipment (UWB)	A, B, D
114.19*	Voltage dips, short interruptions and voltage variations immunity tests	ETSI EN 301 489-52	Mobile and portable (UE) radio and auxiliary equipment	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
114.20*	Voltage dips, short interruptions and voltage variations immunity tests	EN IEC 62052-11; ČSN EN IEC 62052-11	Electrometers	A, B, D
115*	Measurement of radio disturbance characteristics of industrial, scientific and medical radio-frequency equipment	EN 55011; ČSN EN 55011	Industrial, scientific and medical equipment	A, B, D
116	Measurement of radiated emissions of household appliances, electric tools and similar apparatus	EN IEC 55014-1; ČSN EN IEC 55014-1	Electric tools, electric computers, office machines, electric household appliances etc.	A, B, D
117.1	Measurement of radiated emissions	EN IEC 61000-6-3; ČSN EN IEC 61000-6-3	Electrical and electronic equipment designed for use in residential, commercial and light industrial environment	A, B, D
117.2	Measurement of radiated emissions	EN IEC 61000-6-4; ČSN EN IEC 61000-6-4	Electrical and electronic equipment for use in industrial environments	A, B, D
117.3	Measurement of radiated emissions	EN IEC 55016-1-1; ČSN EN IEC 55016-1-1; EN 55016-1-2; ČSN EN 55016-1-2; EN 55016-1-3; ČSN EN 55016-1-3; EN IEC 55016-1-4; ČSN EN IEC 55016-1-4; EN 55016-1-5; ČSN EN 55016-1-5; EN 55016-2-1; ČSN EN 55016-2-1; EN 55016-2-2; ČSN EN 55016-2-2; EN 55016-2-3; ČSN EN 55016-2-3	Electrical equipment	A, B, D
118.1	Immunity testing	EN IEC 61000-6-1; ČSN EN IEC 61000-6-1	Electrical and electronic equipment designed for use in residential, commercial and light industrial environment	A, B, D
118.2	Immunity testing	EN IEC 61000-6-2; ČSN EN IEC 61000-6-2	Electrical and electronic equipment for use in industrial environments	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
118.3	Immunity testing	EN IEC 55016-1-1; ČSN EN IEC 55016-1-1; EN 55016-1-2; ČSN EN 55016-1-2; EN 55016-1-3; ČSN EN 55016-1-3; EN IEC 55016-1-4; ČSN EN IEC 55016-1; EN 55016-1-5; ČSN EN 55016-1-5; EN 55016-2-1; ČSN EN 55016-2-1; EN 55016-2-2; ČSN EN 55016-2-2; EN 55016-2-3; ČSN EN 55016-2-3	Electrical equipment	A, B, D
119.1	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	EN IEC 61000-3-2; ČSN EN IEC 61000-3-2	Household equipment	A, B, D
119.2	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	ETSI EN 301 489-1	Radio equipment and services	A, B, D
119.3	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	ETSI EN 301 489-3	Short-range devices operating on frequencies between 9 kHz and 40 GHz	A, B, D
119.4	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	ETSI EN 301 489-4	Fixed radio links and ancillary equipment and services	A, B, D
119.5	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	ETSI EN 301 489-5	Private land mobile radio and ancillary equipment (speech and non-speech)	A, B, D
119.6	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	ETSI EN 301 489-6	Digital enhanced cordless telecommunications equipment	A, B, D
119.7	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	ETSI EN 301 489-7	Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	A, B, D
119.8	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	ETSI EN 301 489-8	GSM base stations	A, B, D
119.9	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	ETSI EN 301 489-9	Wireless microphones and similar radio frequency audio link equipment	A, B, D
119.10	Measurement of harmonic current emissions for equipment with input phase current $I_p < 16A$	ETSI EN 301 489-10	Terrestrial sound broadcast transmitters	A, B, D



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119.11	Measurement of harmonic current emissions for equipment with input phase current $I_p \leq 16A$	ETSI EN 301 489-12	VSAT stations operated in the frequency ranges between 4 GHz and 30 GHz	A, B, D
119.12	Measurement of harmonic current emissions for equipment with input phase current $I_p \leq 16A$	ETSI EN 301 489-13	Citizens' band radio and ancillary equipment (speech and non-speech)	A, B, D
119.13	Measurement of harmonic current emissions for equipment with input phase current $I_p \leq 16A$	ETSI EN 301 489-14	Analogue and digital terrestrial TV broadcasting service transmitters	A, B, D
119.14	Measurement of harmonic current emissions for equipment with input phase current $I_p \leq 16A$	ETSI EN 301 489-17	Wideband transmission systems and HIPERLAN equipment	A, B, D
119.15	Measurement of harmonic current emissions for equipment with input phase current $I_p \leq 16A$	ETSI EN 301 489-19	Receive only mobile earth stations operating in the 1.5 GHz band providing data communications	A, B, D
119.16	Measurement of harmonic current emissions for equipment with input phase current $I_p \leq 16A$	ETSI EN 301 489-20	MES stations used in MSS	A, B, D
119.17	Measurement of harmonic current emissions for equipment with input phase current $I_p \leq 16A$	ETSI EN 301 489-33	Ultra wide band communication equipment (UWB)	A, B, D
119.18	Measurement of harmonic current emissions for equipment with input phase current $I_p \leq 16A$	ETSI EN 301 489-52	Mobile and portable (UE) radio and auxiliary equipment	A, B, D
120	Power frequency magnetic field immunity test of common electrical equipment	EN 61000-4-8; ČSN EN 61000-4-8	Industrial, consumer and telecommunication equipment	A, B, D
121	Pulse magnetic field immunity tests of common electrical equipment	EN 61000-4-9; ČSN EN 61000-4-9	Industrial, consumer and telecommunication equipments	A, B, D
122*	Measurement of radio disturbance of electrical lighting and similar equipment	EN IEC 55015; ČSN EN IEC 55015	Electrical lighting and similar equipments	A, B, D
123.1*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	EN 61000-3-3; ČSN EN 61000-3-3	Electric and electronic equipment with rated current to 16 A	A, B, D
123.2*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-1	Radio equipment and services	A, B, D
123.3*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-3	Short-range devices operating on frequencies between 9 kHz and 40 GHz	A, B, D
123.4*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-4	Fixed radio links and ancillary equipment and services	A, B, D
123.5*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-5	Private land mobile radio and ancillary equipment (speech and non-speech)	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
123.6*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-6	Digital enhanced cordless telecommunications equipment	A, B, D
123.7*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-7	Mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	A, B, D
123.8*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-8	GSM base stations	A, B, D
123.9*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-9	Wireless microphones and similar radio frequency audio link equipment	A, B, D
123.10*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-11	Terrestrial sound broadcast transmitters	A, B, D
123.11*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-12	VSAT stations operated in the frequency ranges between 4 GHz and 30 GHz	A, B, D
123.12*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-13	Citizens' band radio and ancillary equipment (speech and non-speech)	A, B, D
123.13*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-14	Analogue and digital terrestrial TV broadcasting service transmitters	A, B, D
123.14*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-17	Wideband transmission systems and HIPERLAN equipment	A, B, D
123.15*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-19	Receive only mobile earth stations operating in the 1.5 GHz band providing data communications	A, B, D
123.16*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-20	MES stations used in MSS	A, B, D
123.17*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-33	Ultra wide band communication equipment (UWB)	A, B, D
123.18*	Measurement of limitation of voltage fluctuations and flicker in low-voltage supply systems	ETSI EN 301 489-52	Mobile and portable (UE) radio and auxiliary equipment	A, B, D
124.1	Testing of electromagnetic immunity	EN 55035 – Annexes B, C, D, F, excl. F.4, G, H; ČSN EN 55035 – Annexes B, C, D, F, excl. F.4, G, H	Information technology equipment Multimedia equipment	A, B, D
124.2	Testing of electromagnetic immunity	EN IEC 55014; ČSN EN IEC 55014-2	Household appliances, electric tools and similar apparatus	A, B, D



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CAB number 1341, ČMI Testing Laboratory
Okružní 31, 638 00 Brno

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
124.3	Testing of electromagnetic immunity	EN 61547; ČSN EN 61547	Equipment for general lighting purposes	A, B, D
125	Ring wave immunity testing	EN 61000-4-12; ČSN EN 61000-4-12	Electrical equipment	A, B, D
126	Damped oscillatory wave immunity test	EN IEC 61000-4-18 (except art. 6.2.2) ČSN EN IEC 61000-4-18 (except art. 6.2.2)	Electrical equipment	A, B, D
127	Reserved			
128	Measurement of radiated electromagnetic emissions	EN IEC 55025; ČSN EN IEC 55025; EN 55012; ČSN EN 55012	Vehicles, boats and internal combustion engines	A, B, D
129	Reserved			
130	Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz	EN 61000-4-16; ČSN EN 61000-4-16	Electrical equipment	A, B, D
131	Test for immunity to conducted, differential mode disturbances and signalling in the frequency range 2 kHz to 150 kHz at a.c. power ports	EN 61000-4-19; ČSN EN 61000-4-19; TNI CLC/TR 50579	Electrical equipment	A, B, D
132*	EMC measurement	EN 50121-1; ČSN EN 50121-1; EN 50121-2; ČSN EN 50121-2; EN 50121-3-1; ČSN EN 50121-3-1; EN 50121-3-2; ČSN EN 50121-3-2; EN 50121-4; ČSN EN 50121-4; EN 50121-5; ČSN EN 50121-5	Railway equipment, whole railway system, train and complete vehicle, equipment, signalling and telecommunications apparatus, fixed power supply installations and apparatus	A, B, D
133	Measurement of EMC of radio frequency equipment (limited to 18 GHz)	FCC Part 15	Intentional, unintentional and incidental radiators without an individual license	A, B, D
134	Measurement of EMC of industrial, scientific and medical (ISM) equipment (limited to 18 GHz)	FCC Part 18	ISM equipment	A, B, D
135.1	EMC Tests	EN 50130-4; ČSN EN 50130-4; EN 50131-5-3; ČSN EN 50131-5-3	Alarm systems	A, B, D
135.2	EMC Tests	EN IEC 61326-1; ČSN EN IEC 61326-1	Electrical equipment for measurement, control and laboratory use	A, B, D



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135.3	EMC Tests	EN IEC 60974-10; ČSN EN IEC 60974-10	Arc welding equipment	A, B, D
135.4	EMC Tests	E EN IEC 61204-3; ČSN EN IEC 61204-3	Low voltage power supplies with d.c. output.	A, B, D
135.5	EMC Tests	EN 50293; ČSN EN 50293	Road traffic signalling systems	A, B, D
135.6	EMC Tests	EN 45501 B.3; ČSN EN 45501 B.3; OIML R 76	Scales with non-automatic function and their modules, non-automatic weighing equipment	A, B, D
135.7	EMC Tests	EN IEC 62040-2; ČSN EN IEC 62040-2	Uninterruptible power supplies (UPS)	A, B, D
135.8	EMC Tests	EN 60601-1-2; ČSN EN 60601-1-2; EN 60601-2-25; ČSN EN 60601-2-25	Medical electrical equipment Electrocardiographs	A, B, D
135.9	EMC Tests	EN IEC 62052-11; ČSN EN IEC 62052-11; EN 50470-1; ČSN EN 50470-1	Energy meters	A, B, D
135.10	EMC Tests	OIML D 11	Electronic measuring instruments	A, B, D
135.11	EMC Tests	OIML R 74	Electronic weighing instruments	A, B, D
135.12	EMC Tests	EN 1359; ČSN EN 1359	Diaphragm gas meters	A, B, D
135.13	EMC Tests	EN 14236; ČSN EN 14236; OIML R 137	Gas meters	A, B, D
135.14	EMC Tests	EN 12405-1; ČSN EN 12405-1; OIML R 140	Gas calculators	A, B, D
135.15	EMC Tests	EN 1434-4; ČSN EN 1434-4; OIML R 75	Heat meters and calorimetric counters	A, B, D
135.16	EMC Tests	OIML R 21	Taxameters	A, B, D
135.17	EMC Tests	OIML R 117	Measuring systems for liquids other than water	A, B, D
135.18	EMC Tests	OIML R 118	Fuel dispensers for motor vehicles	A, B, D
135.19	EMC Tests	EN ISO 4064-2; ČSN EN ISO 4064-2; EN 14154-3; ČSN EN 14154-3+A2; OIML R 49	Water meters	A, B, D
135.20	EMC Tests	EN 60730-1, čl. 23, čl. 26; ČSN EN 60730-1, čl. 23, čl. 26	Automatic electrical controls for household and similar use	A, B, D



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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
135.21	EMC Tests	EN IEC 62135-2; ČSN EN IEC 62135-2	Resistance welding equipment	A, B, D
135.22	EMC Tests	OIML R 81	Dynamic measuring devices and systems for cryogenic liquids	A, B, D
135.23	EMC Tests	OIML R 85	Automatic level gauges	A, B, D
135.24	EMC Tests	011-OOP-C005	Road speedometers	A, B, D
135.25	EMC Tests	OIML R 117	Dynamic measuring systems for liquids other than water	A, B, D
135.26	EMC Tests	OIML R 139	Compressed gas fuel systems for vehicles	A, B, D
135.27	EMC Tests	OIML R 134	Automatic scales for weighing vehicles in motion	A, B, D
135.28	EMC Tests	0111-OOP-C043	Luxmeters	A, B, D
135.29	EMC Tests	OIML R 61; OIML R 106; OIML R 50; OIML R 51; OIML R 107	Scales with non-automatic function	A, B, D
135.30	EMC Tests	OIML R 66	Length gauges	A, B, D

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (subject of testing)
1	Measuring software for scales and add-on modules, water meters, gas meters and calculators, electrical energy meters, heat meters, measuring systems for liquids other than water, dispensers, taximeters, dimensional gauges



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Okružní 31, 638 00 Brno

5. Regional Inspectorate Pardubice

Tests:

Ordinal number ¹	Test procedure/ method name	Test procedure/ method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of water content in solids using Karl-Fischer method by volumetric titration	511-MP-C010 (ČSN ISO 760)	Plastics	A, B, D
2	Determination of water content in solids using Karl-Fischer method by coulometric titration	511-MP-C010 (ČSN ISO 760)	Plastics	A, B, D
3	Tests of the accuracy and precision of measuring instruments under specified conditions	512-MP-A313; OIML R137	Gas meters	A, B, D
4	Tests of the accuracy and precision of measuring instruments under specified conditions	512-MP-C303 (MID MI-002)	Gas meters and gas calculators	A, B, D

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

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Okružní 31, 638 00 Brno

6. Regional Inspectorate Jihlava

Test:

Ordinal number ¹	Test procedure/ method name	Test procedure/ method identification ²	Subject of the test	Degrees of freedom ³
1.1	Tests of the accuracy and precision of measuring instruments under specified conditions	050-MP-C301 (OIML R 76; EN 45501)	Scales with non-automatic operation	A, B, D
1.2	Tests of the accuracy and precision of measuring instruments under specified conditions	050-MP-C307 (OIML R 51; OIML R 61; OIML R 134)	Scales with automatic operation	A, B, D

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

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Explanations:

- BER - Basic Encoding Rules
- CIE - International Commission on Illumination
- CRM - Certified reference material
- DCS - Digital Cellular Telecommunications System 1800MHz
- EIRP - Effective Isotropically Radiated Power
- EMC - Electromagnetic Compatibility
- ETSI - European Telecommunication Standardisation Institute
- FCC - Federal Communication Commission (USA)
- FID - Flame Ionization Detector
- GSM - Global System for Mobile communications
- HIPERLAN - High Performance Radio Local Area Networks
- IES LM - Professional society for illumination
- ISM - Industrial, scientific, and medical
- IR - Ionising Radiation
- LBT - Listen Before Talk
- LPD - Low Power Device
- MES - Mobile Earth Station
- MSS - Mobile Satellite Service
- OIML - International Organization of Legal Metrology
- RI - Regional Inspectorate
- RM - Reference Material
- SCD - Sulfur chemiluminiscence Detector
- SW - Software
- TCD - Thermal Conductivity Detector
- TV - Television
- VSAT - Very Small Aperture Terminal
- XXX-MP-CYYY - internal procedure
- XXX-OOP-CYYY - internal procedure

