



LAB № 2014 L

Test report FNL 171/2023

Rev.: 1 of 12.01.2024

4.4 Test reference standards

Standard Identification	Heading
IEC EN 61000-6-3: 2021	Electromagnetic compatibility - Generic emission standard. Part 2: Residential environment.
IEC EN 55016-2-1:2015 IEC EN 55016-2-1A1 2018 IEC EN 55016-2-1:2014 IEC EN 55016-2-1A1 2017 IEC EN 55016-2-1AC 2020	Specification for radio disturbance and immunity measuring apparatus and methods. Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements.
IEC EN 55016-2-3: 2017- 10 – A1: 2020-02	Specification for radio disturbance and immunity measuring apparatus and methods. Part 2-3: Methods of measurement of disturbances and immunity - Conducted disturbance measurements.
IEC EN 61000-3-2: 2012 A2-2018	Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A).
IEC EN 61000-3-3: 2014 – A1:2021 - A2:2022	Electromagnetic compatibility (EMC) Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.
IEC EN 61000-6-1: 2019	Electromagnetic compatibility - Generic standard Part 2: Residential environment.
IEC EN 61000-4-2: 2011	Electromagnetic compatibility - Part 4-2: Test and measurement techniques - Immunity tests on electrostatic discharge.
IEC EN 61000-4-2: 2011-04	Electromagnetic compatibility - Part 4-3: Test and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test.
IEC EN 61000-4-3:2021- 06	Electromagnetic compatibility - Part 4-4: Test and measurement techniques - Electrical fast transient/burst immunity test.
IEC EN 610004-4: 2013-07	Electromagnetic compatibility - Part 4-5: Test and measurement techniques - Burst immunity test.
IEC EN 61000-4-5: 2016-10 IEC EN 61000-4-5: 2020-10 A1	Electromagnetic compatibility - Part 4-6: Test and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields.
IEC EN 61000-4-6: 2014-09	Electromagnetic compatibility - Part 4-8: Test and measurement techniques - Power frequency magnetic field immunity test.
IEC EN 61000-4-8: 2013-07	Electromagnetic compatibility - Part 4-9: Test and measurement techniques - Immunity test to voltage dips, short interruptions and voltage variations.
IEC EN 61000-4-11: 2021-07	Electromagnetic compatibility - Part 4-9: Test and measurement techniques - Immunity test to voltage dips, short interruptions and voltage variations.

12/01/2024

Page 7 of 47