

ELECTROMAGNETIC COMPATIBILITY TESTS

POLITECNICO DI TORINO
SEDE DI ALESSANDRIA



TEST REPORT

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Electromagnetic Compatibility Tests

Reference standards:

CEI EN 61000-6-3:2007+A1:2013	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments
CEI EN 61000-6-1:2007	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards – Immunity for residential, commercial and light-industrial environments
CEI EN 55022:2014	Information technology equipment– Radio disturbance characteristics– Limits and methods of measurement
CEI EN 55024:2013	Information technology equipment - Immunity characteristics - Limits and methods of measurement
CEI EN 61000-4-2:2011	Electromagnetic Compatibility (EMC). Part 4: Testing and measurement techniques. Section 2: Electrostatic discharge immunity test. Basic EMC Publication.
CEI EN 61000-4-3:2007+A1:2009+A2:2011	Electromagnetic Compatibility (EMC). Part 4: Testing and measurement techniques. Section 3: Radiated, radio-frequency electromagnetic field immunity test.
CEI EN 61000-4-4:2013	Electromagnetic Compatibility (EMC). Part 4: Testing and measurement techniques. Section 4: Electrical fast transient/ burst immunity test. Basic EMC Publication.
CEI EN 61000-4-5:2007	Electromagnetic Compatibility (EMC). Part 4: Testing and measurement techniques. Section 5: Surge immunity test.
CEI EN 61000-4-6:2014	Electromagnetic Compatibility (EMC). Part 4: Testing and measurement techniques. Section 6: Immunity to conducted disturbances, induced by radio-frequency fields.
CEI EN 61000-4-8:2013	Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 8: Power frequency magnetic field immunity tests.
CEI EN 61000-4-11:2006	Electromagnetic Compatibility (EMC). Part 4: Testing and measurement techniques. Section 11: Voltage dips, short interruptions and voltage variations immunity tests.

Executed for: **ATLANTE INFORMATICA S.r.l.**

Equipment under test: **Firewall**

Test Responsible: **Fausto FRANCHINI**

Signature : 

Technicians: **Fausto FRANCHINI**

Signature : 

Alessandria, 17/10/2014

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