Manufacturer`s Declaration of Conformity

Hirschmann Automation and Control GmbH

Stuttgarter Straße 45-51
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declares in sole responsibility, that the product(s)

WLAN Access Point / Client

(Product description)

BATOne,

(Type, reference number)

has been designed and manufactured in accordance with the following standards

EN 50121-4:2016 – Railway Applications – EMC – Signalling and telecommunication apparatus

Test description	EN 50121-4 Section	Test Reference	Requirement
Radiated electromagnetic field	table 2.1 table 2.2	IEC 61000-4-3 IEC 61000-4-3	80…800 MHz, 10 V/m 800…1000 MHz, 20 V/m 1400…2000 MHz, 10 V/m 2000…2700 MHz, 5 V/m 5100…6000 MHz, 3 V/m
Power frequency magnetic field	table 2.3	IEC 61000-4-8	16,7 Hz, 100 A/m 50 Hz, 100 A/m 0 Hz, 100 A/m No test required
Electrostatic Discharge	table 2.4	IEC 61000-4-2	±6 kV contact discharge ±8 kV air discharge
Conducted disturbances	table 3.1/ 4.1/ 5.1/ 6.1	IEC 61000-4-6	*Signal ports, power ports:* 10 V
Fast transient / burst	table 3.2/ 4.2/ 5.2/ 6.2	IEC 61000-4-4	*Signal ports, power ports:* ±2kV
Surges 1,2/50µs	table 3.3/ 4.3/ 5.3	IEC 61000-4-5	*Signal ports, power ports:* CM ±2kV DM ±1kV
Radiated Emission	5	EN 61000-6-4	30…230 MHz: 40 dBµV/m (10m) 230…1000 MHz: 47 dBµV/m (10m) 1…3 GHz: 76 dBµV/m peak (3m) 56 dBµV/m av. (3m) 3…6 GHz: 80 dBµV/m peak (3m) 60 dBµV/m av. (3m)

Emission – AC or DC power ports	table 1.1	EN 55016-2-1	*Power ports:* 150…500 kHz: 79 dBµV qp. 66 dBµV av. 500 kHz...30 MHz: 73 dBµV qp. 60 dBµV av.

(Wolfgang Schenk
Managing Director)

(i.V. Peter Schumacher
Director Quality Management)

Neckartenzlingen, 2019-04-05
(Issue place and date)