

TEST REPORT

Test Report No.: 1-1977-01-04/10-A Annex

Testing Laboratory

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Accredited Test Laboratory:

The test laboratory (area of testing) is accredited according to DIN EN ISO/IEC 17025

DAR registration number: DGA-PL-176/94-D1

Area of Testing: Radio Satellite Communications

Applicant

Hirschmann Automation & Control GmbH

Stuttgarter Straße 45-51

72654 Neckartenzlingen/GERMANY

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Manufacturer

Hirschmann Automation & Control GmbH

Stuttgarter Straße 45-51

72654 Neckartenzlingen/GERMANY

Test Standard/s

47 CFR Part 15

Title 47 of the Code of Federal Regulations; Chapter I-Federal Communications Commission subchapter A – general, Part 15-Radio frequency devices

RSS – 210 Issue 7

Spectrum Management and Telecommunication – Radio Standards Specification Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment

For further applied test standards please refer to section of this test report.

Test Item

Kind of test item: WLAN Access Point (IEEE 802.11 a/b/g)

Model name: BAT54-Rail

FCC ID: U99BAT54RAIL

IC: 4019A-BAT54R

Frequency [MHz]: ISM band 5150 MHz – 5250 MHz
(low channel 5180 MHz / high channel 5240 MHz)

Power supply: 115 V AC by mains adapter SMP – 120 W

Temperature range: -30 °C to +55 °C



Test performed:

2010-08-25 Marco Bertolino

Test Report authorised:

2010-08-25 Andreas Keller

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Annex A Photographs of the Test Set-up

Photo documentation: BAT-ANT-N-5A-IP65

Photo 1:



Photo 2:



Photo documentation: BAT-ANT-N-9A-DS-IP65

Photo 1:



Photo 2:

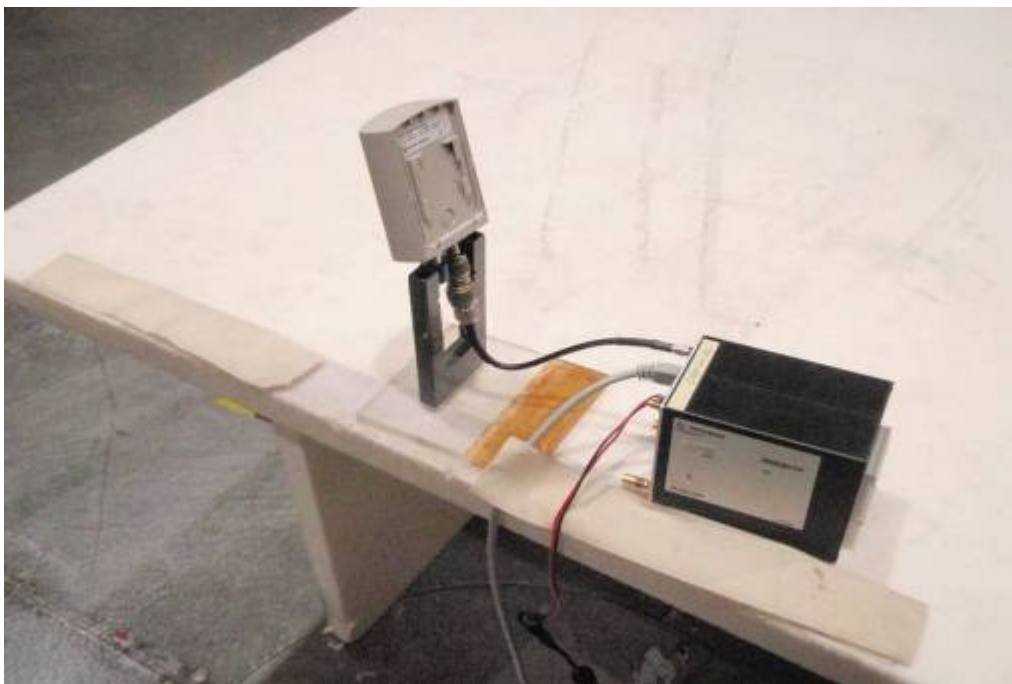


Photo documentation: BAT-ANT-N-6ABG-IP65

Photo 1:



Photo 2:



Annex B External Photographs of the EUT

Photo documentation:

Photo 1:



Photo 2:



Photo 3:



Photo 4:



Photo 5:



Photo 6:



Photo 7:



Photo 8:

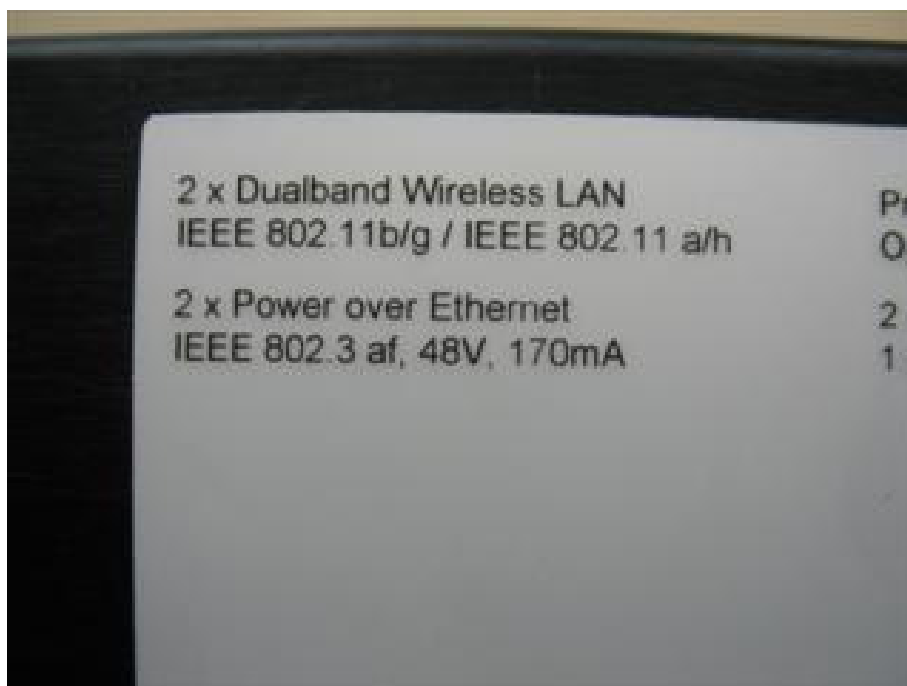


Photo 9:



Photo 10:



Photo 11:



Photo 12:



Photo 13:



Photo 14:



Photo 15:



Photo 16:



Photo 17:



Photo 18:



Photo 19:



Photo 20:



Photo 21:



Photo 22:





A photograph of a white, rectangular, wall-mounted device, likely a water meter or flow sensor, with a blue cap on the bottom right. A ruler is placed below the device for scale.

Photo 25:



Photo 26:



Photo 27:



Photo 28:



Photo 29:



Annex C Internal Photographs of the EUT

Photo documentation:

Photo 1:

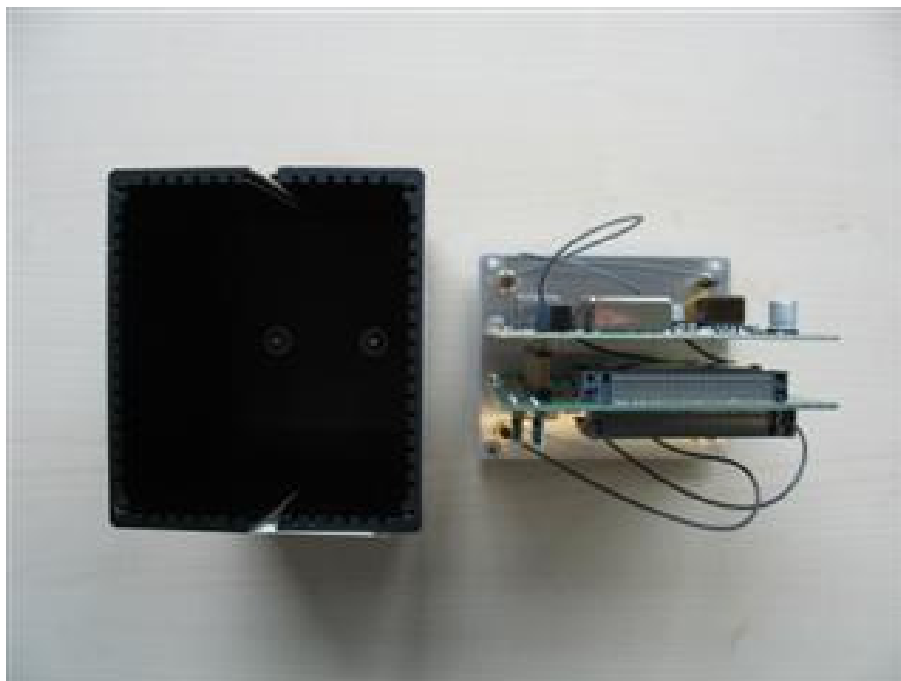


Photo 2:



Photo 3:



Photo 4:



Photo 5:

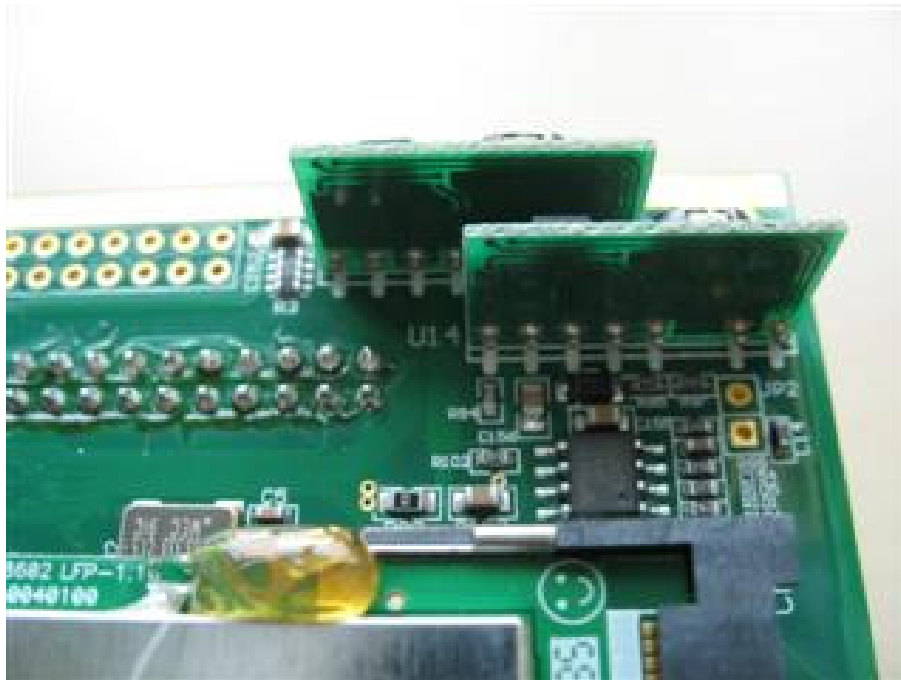


Photo 6:



Photo 7:

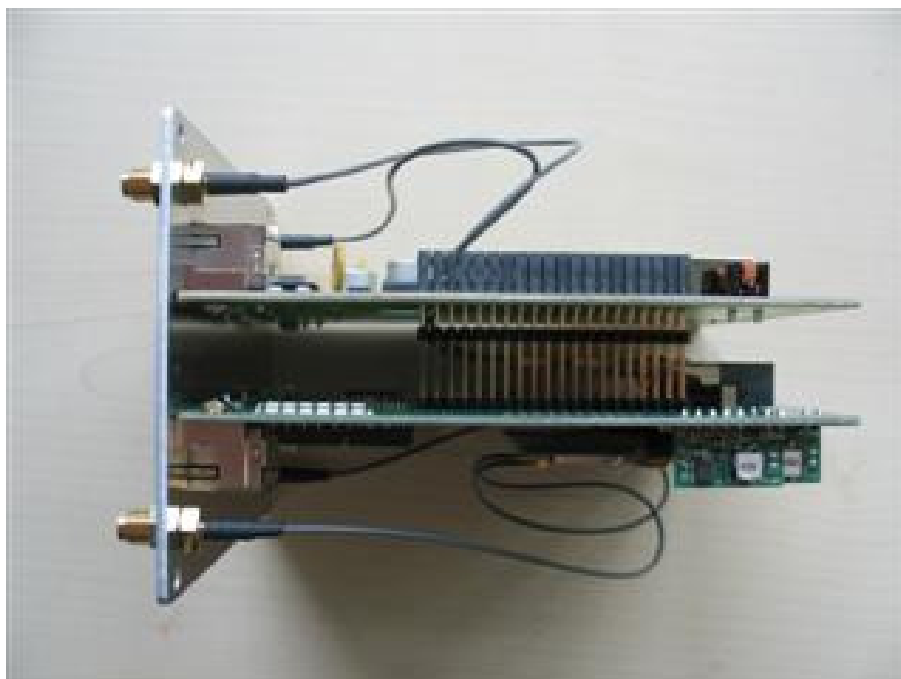


Photo 8:

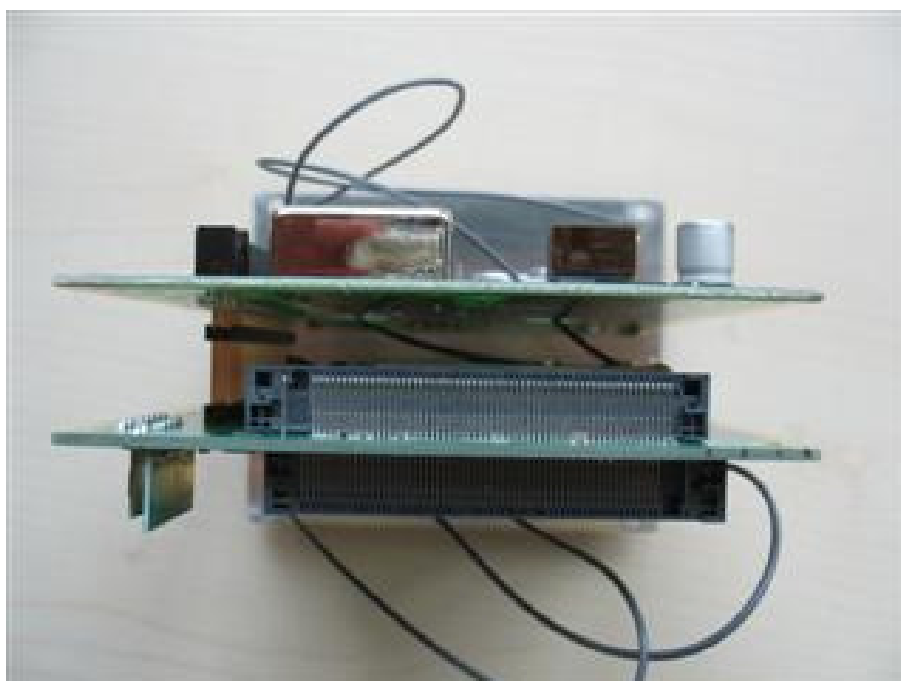


Photo 9:



Photo 10:

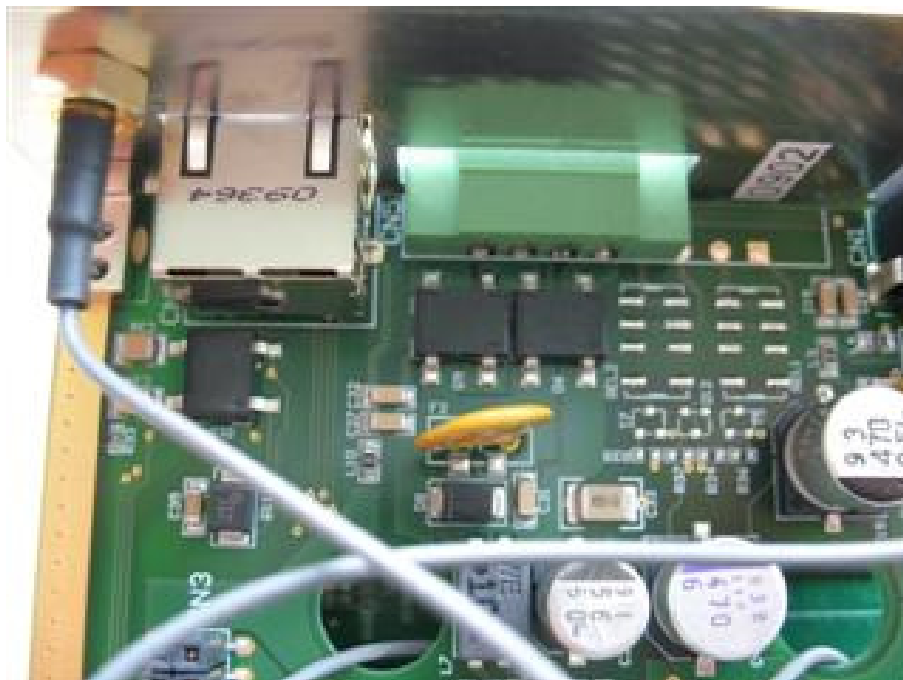


Photo 11:



Photo 12:



Photo 13:



Photo 14:



Photo 15:



Photo 16:



Photo 17:

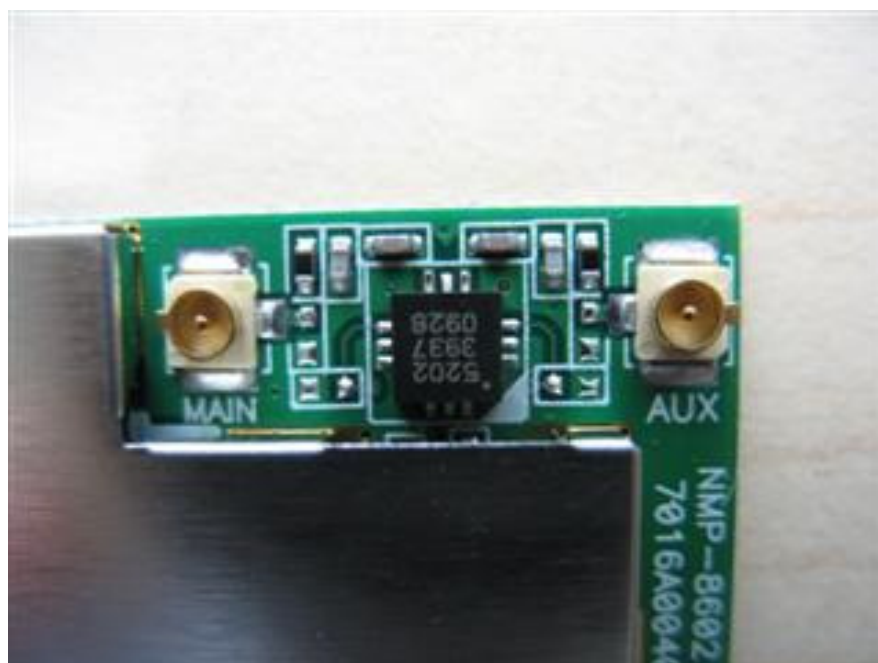


Photo 18:



Photo 19:

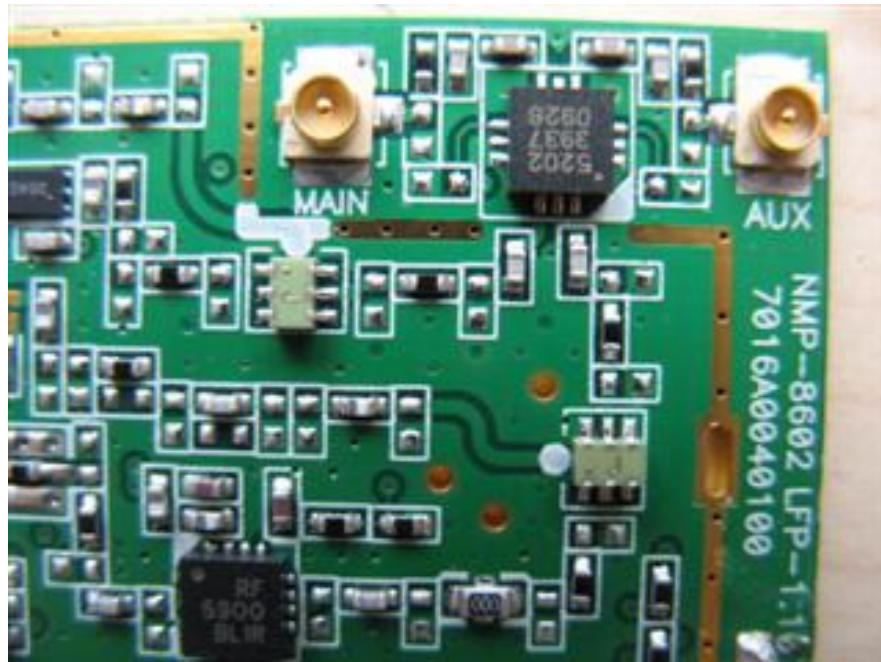


Photo 20:



Photo 21:

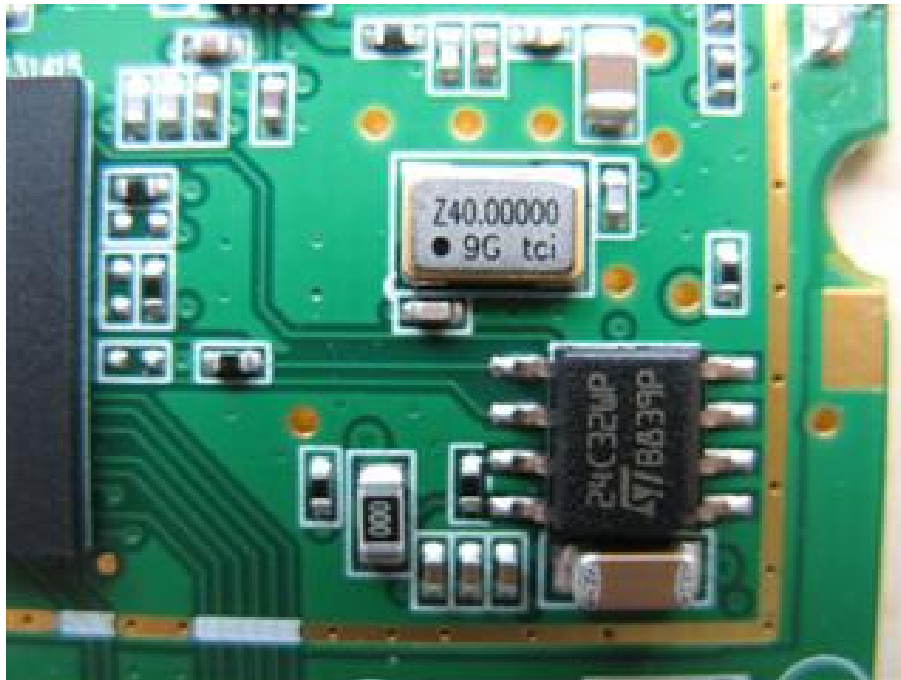


Photo 22:

