

**CETECOM™****CETECOM ICT Services**
consulting - testing - certification >>>

TEST REPORT

Test Report No.: 1-1556-01-03/09



Testing Laboratory

CETECOM ICT Services GmbH

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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

Sphinx Electronics GmbH &Co. KG

Tullastr. 3

79341 Kenzingen/Germany

Phone: +49 (0) 7644 92 28-0

Fax: -/-

Contact: Marco Bürgel

e-mail: marco.buerger@sphinx-electronics.de

Phone: 07644-92 28-51

Manufacturer**Sphinx Electronics GmbH &Co. KG**

Tullastr. 3

79341 Kenzingen/Germany

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

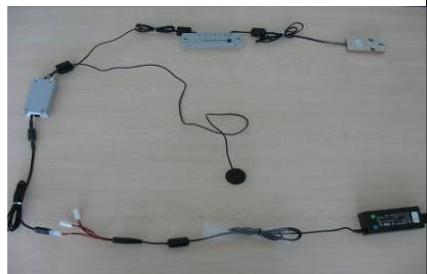
Spectrum Management and Telecommunications - Radio Standards Specification
Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands):
Category I Equipment

For further applied test standards please refer to section 3 of this test report.

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 Telecommunications - Radio Standards Specification Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment

Test Item

Kind of test item: Locking system for furniture**Model name:** Locking system for furniture**FCC ID:** TCN006**IC:** 5103A-006**Frequency [MHz]:** 13.56 MHz**Power supply:** 115 V AC by mains adapter**Temperature range:** -20 °C to +50 °C (normal indoor equipment)**Test performed:**

2010-07-26 Marco Bertolino

Test Report authorised:

2010-07-26 Andreas Keller

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2 General Information

2.1 Notes

The test results of this test report relate exclusively to the test item specified in this test report. CETECOM ICT Services GmbH does not assume responsibility for any conclusions and generalisations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written approval of CETECOM ICT Services GmbH.

This test report is electronically signed and valid without handwriting signature. For verification of the electronical signatures, the public keys can be requested at the testing laboratory.

2.2 Application details

Date of receipt of order:	2009-08-26
Date of receipt of test item:	2010-07-19
Start of test:	2010-07-19
End of test:	2010-07-23
Person(s) present during the test:	-/-

3 Test standard/s

Test Standard	Version	Test Standard Description
47 CFR Part 15	2009-10	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	2007-06	Spectrum Management and Telecommunications - Radio Standards Specification Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment

4 Test Environment

Temperature:	T_{nom}	+23 °C during room temperature tests
	T_{max}	+50 °C during high temperature test
	T_{min}	-20 °C during low temperature test
Relative humidity content:	51 %	
Air pressure:	not relevant for this kind of testing	
Power supply:	V_{nom}	115.00 V AC by power supply
	V_{max}	123.25 V
	V_{min}	97.75 V

5 Test item

Kind of test item :	Locking system for furniture
Type identification :	No information available!
S/N serial number :	No information available!
HW hardware status :	No information available!
SW software status :	No information available!
Frequency Band [MHz] :	13.56 MHz (RFID)
Type of Modulation :	NON
Number of channels :	1
Antenna :	Loop antenna → for more information, please take a look at the Annex B – external photos of the EUT.
Power Supply :	115 V AC by mains adapter
Temperature Range :	-20 °C to +50 °C

6 Test Laboratories sub-contracted

None

7 Summary of measurement results



No deviations from the technical specifications were ascertained



There were deviations from the technical specifications ascertained

TC Identifier	Description	Verdict	Date	Remark
RF-Testing	CFR Part 15 RSS 210, Issue 7, Annex 2.6	Passed	2010-07-26	-/-

Test Specification Clause	Test Case	Temperature Conditions	Power Source Voltages	Pass	Fail	NA	NP	Results (max.)
§ 15.35 (c)/ RSS-GEN Issue 2 Section 4.5	Timing of the transmitter (Duty cycle correction factor)	Nominal	Nominal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	complies
§ 15.225 (a)/ RSS-210 Issue 7 Annex 2.6	Fieldstrength of Fundamental	Nominal	Nominal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	complies
§ 15.209/ RSS-210 Issue 7 Annex 2.6	Fieldstrength of harmonics and spurious	Nominal	Nominal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	complies
§ 15.225 (e)/ RSS-210 Issue 7 Annex 2.6	Frequency tolerance	Nominal	Extreme	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	complies
		Extreme	Nominal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Note:NA = Not Applicable; NP = Not Performed

8 RF measurement testing

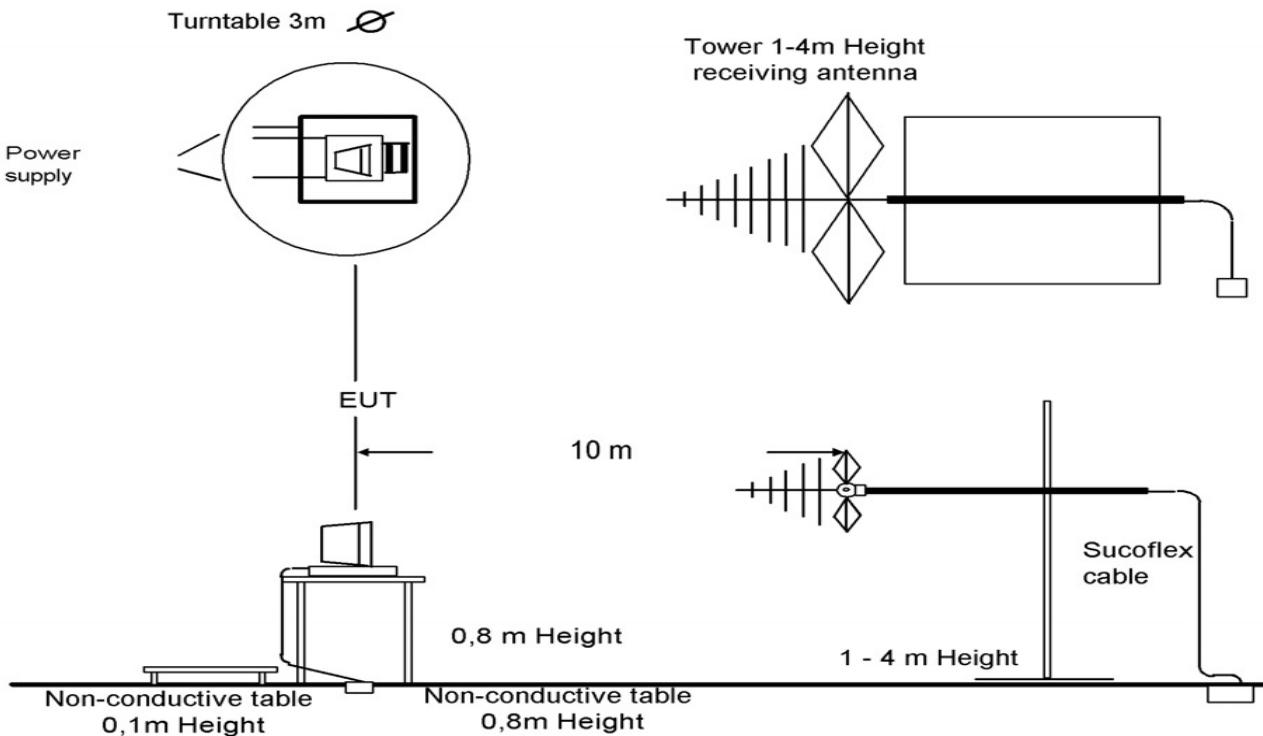
8.1 Description of test setup

8.1.1 Radiated measurements

The radiated measurements are performed in vertical and horizontal plane in the frequency range from 9 kHz to 25 GHz in semi-anechoic chambers. The EUT is positioned on a non-conductive support with a height of 0.80 m above a conductive ground plane that covers the whole chamber. The receiving antennas are confirmed with specifications ANSI C63.2-1996 clause 15 and ANSI C63.4-2003 clause 4.1.5. These antennas can be moved over the height range between 1.0 m and 4.0 m in order to search for maximum field strength emitted from EUT. The measurement distances between EUT and receiving antennas are indicated in the test setups for the various frequency ranges. For each measurement, the EUT is rotated in all three axes until the maximum field strength is received. The wanted and unwanted emissions are received by spectrum analysers where the detector modes and resolution bandwidths over various frequency ranges are set according to requirement ANSI C63.4-2003 clause 4.2.

Antennas are confirmed with ANSI C63.2-1996 item 15.

Semi anechoic chamber



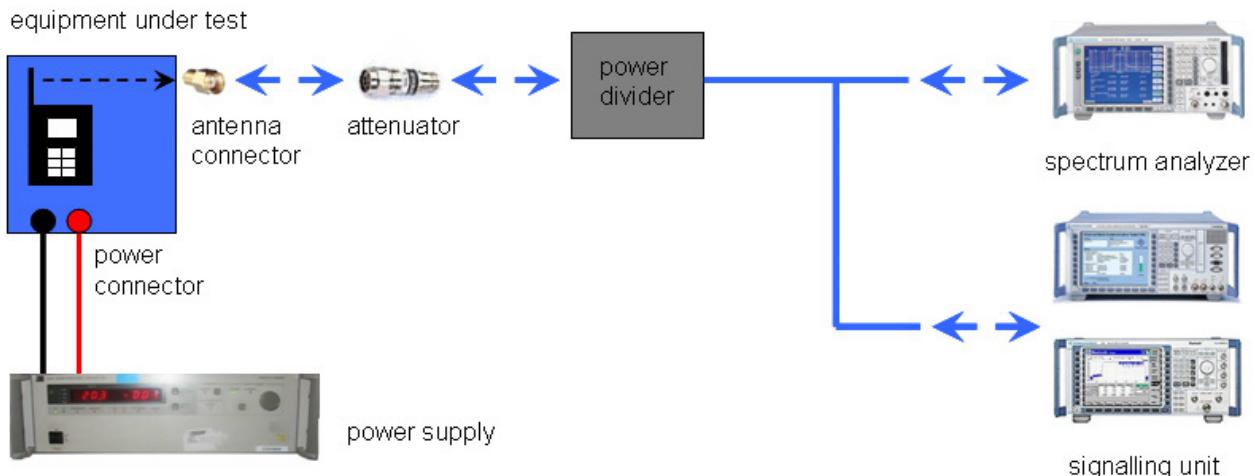
Picture 1: Diagram radiated measurements

9 kHz - 30 MHz:	active loop antenna
30 MHz – 1 GHz:	tri-log antenna
> 1 GHz:	horn antenna

The EUT is powered by an external power supply with nominal voltage. The signalling is performed from outside the chamber with a signalling unit (CMU200 or other) by air link using signalling antenna.

8.1.2 Conducted measurements

The EUT's RF signal is coupled out by the antenna connector which is supplied by the manufacturer. The signal is first 10dB attenuated before it is power divided (~6dB loss per branch). One of the signal paths is connected to the communication base Station (CMU200 or other), the other one is connected to the spectrum analyzer. The specific losses for both signal paths are first checked within a calibration. The measurement readings on the signalling unit/spectrum analyzer are corrected by the specific test set-up loss. The attenuator, power divider, signalling unit and the spectrum analyzer are impedance matched on 50 Ohm.



Picture 2: Diagram conducted measurements

8.2 Additional comments

Reference documents: None

Special test descriptions: None

Configuration descriptions: None

8.3 RSP100 Test Report Cover Sheet / Performance Test Data

Test Report Number	:	1-1556-01-03/09
Equipment Model Number	:	Locking system for furniture
Certification Number	:	5103A-006
Manufacturer (complete Address)	:	Sphinx Electronics GmbH &Co. KG Tullastr. 3 79341 Kenzingen / Germany
Tested to radio standards specification no.	:	RSS 210, Issue 7, Annex 8
Open Area Test Site IC No.	:	IC 3462C-1
Frequency Range or fixed frequency	:	13.56 MHz
Field Strength [dB μ V/m] (at which distance)	:	38.5 @ 30 m
Occupied bandwidth (99%-BW) [kHz]	:	1.22 kHz (RBW 500 Hz)
Type of modulation	:	NON
Emission Designator (TRC-43)	:	1k22NON
Antenna Information	:	Loop antenna → for more information, please take a look at the Annex B – external photos of the EUT.
Transmitter Spurious (worst case) [μ V/m @ 10m]:		22.2 dB μ V/m @ 923.83 MHz
Receiver Spurious (worst case) [μ V/m @ 3m]:		No receiver mode integrated!

ATTESTATION:
DECLARATION OF COMPLIANCE:

I attest that the testing was performed or supervised by me; that the test measurements were made in accordance with the above-mentioned Industry Canada standard(s); and that the equipment identified in this application has been subjected to all the applicable test conditions specified in the Industry Canada standards and all of the requirements of the standard have been met.

Laboratory Manager:

2010-07-26	Marco Bertolino	
Date	Name	Signature

9 Measurement Results

9.1 Timing of the transmitter

Measurement:

Measurement parameter	
Detector:	-/-
Sweep time:	-/-
Resolution bandwidth:	-/-
Video bandwidth:	-/-
Span:	-/-
Trace-Mode:	-/-

Limits:

FCC	IC
CFR Part SUBCLAUSE § 15.35 (c)	RSS-GEN Issue 2 Section 4.5
Timing of the transmitter	
(c) Unless otherwise specified, e.g. Section 15.255(b), when the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value. The exact method of calculating the average field strength shall be submitted with any application for certification or shall be retained in the measurement data file for equipment subject to notification or verification.	

Result:

Always active – RFID technology!

Result: The result of the measurement is passed.

9.2 Field Strength of the Fundamental

Measurement:

Measurement parameter	
Detector:	Quasi Peak CISPR
Sweep time:	-/-
Resolution bandwidth:	10 kHz
Video bandwidth:	-/-
Span:	-/-
Trace-Mode:	-/-

Limits:

FCC	IC	
CFR Part SUBCLAUSE § 15.231 (b)	RSS-210 Issue 7 Section A1.1.2 / 2.7 Table 4	
Fundamental Frequency (MHz)	Field strength of Fundamental ($\mu\text{V/m}$)	Measurement distance (m)
13.553 to 13.567	15848 $\mu\text{V/m}$ (84 dB $\mu\text{V/m}$)	30
	158489 $\mu\text{V/m}$ (104 dB $\mu\text{V/m}$)	10 (Recalculated acc. to FCC part15.31 (f2))

Result:

TEST CONDITIONS		MAXIMUM POWER (dB $\mu\text{V/m}$)	
Frequency		13.56 MHz	13.56 MHz
Mode		at 10 m distance	at 30 m distance
T _{nom} = 23 °C	V _{nom} = V DC	58.5	38.5
Measurement uncertainty		$\pm 3\text{dB}$	

Result: The result of the measurement is passed.

9.3 Field Strength of the Harmonics and Spurious

Measurement:

Measurement parameter	
Detector:	Average / Quasi Peak
Sweep time:	Auto
Resolution bandwidth:	120 kHz
Video bandwidth:	100 kHz
Span:	Steps of 3 MHz < 30 MHz Steps of 100 MHz > 30 MHz
Trace-Mode:	Max hold

Limits:

FCC	IC	
SUBCLAUSE § 15.209		
Field strength of the harmonics and spurious.		
Frequency (MHz)	Field strength (μ V/m)	Measurement distance (m)
0.0009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30	30 (29.5 dB μ V/m)	30
30 – 88	100 (40 dB μ V/m)	3
88 – 216	150 (43.5 dB μ V/m)	3
216 – 960	200 (46 dB μ V/m)	3

Results:

EMISSION LIMITATIONS				
f [MHz]	Detector	Limit max. allowed [dB μ V/m]	Amplitude of emission [dB μ V/m]	Results
40.688550	QP	30.0 @ 10 m	19.6	Passed
94.914150	QP	33.5 @ 10 m	15.9	Passed
719.446500	QP	36.0 @ 10 m	19.9	Passed
923.827500	QP	36.0 @ 10 m	22.2	Passed

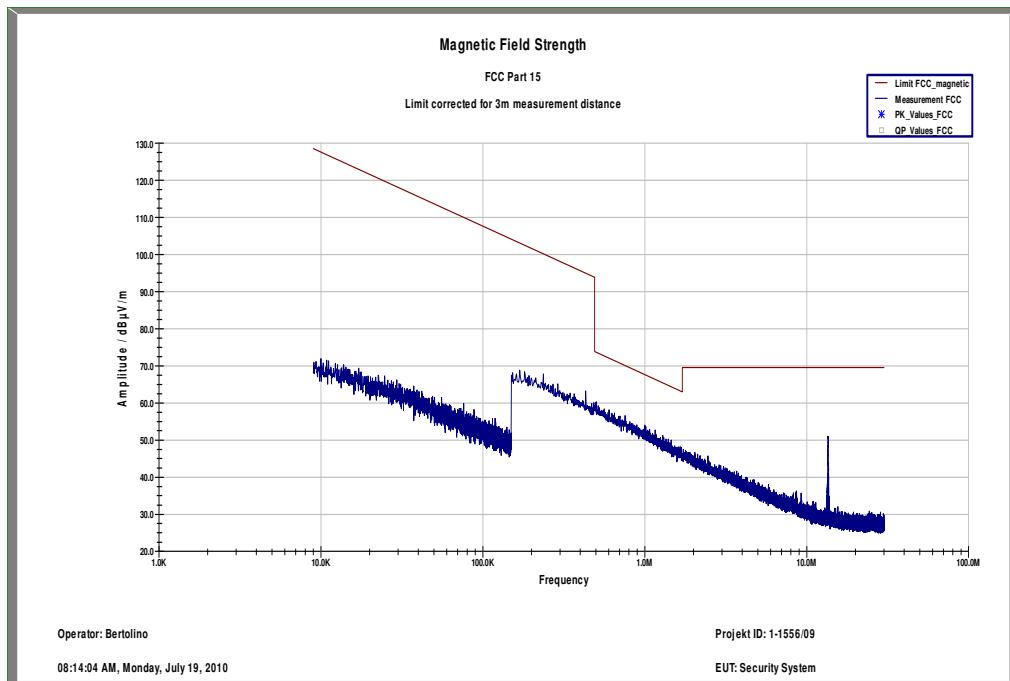
Result: The result of the measurement is passed.

Plots of the measurements

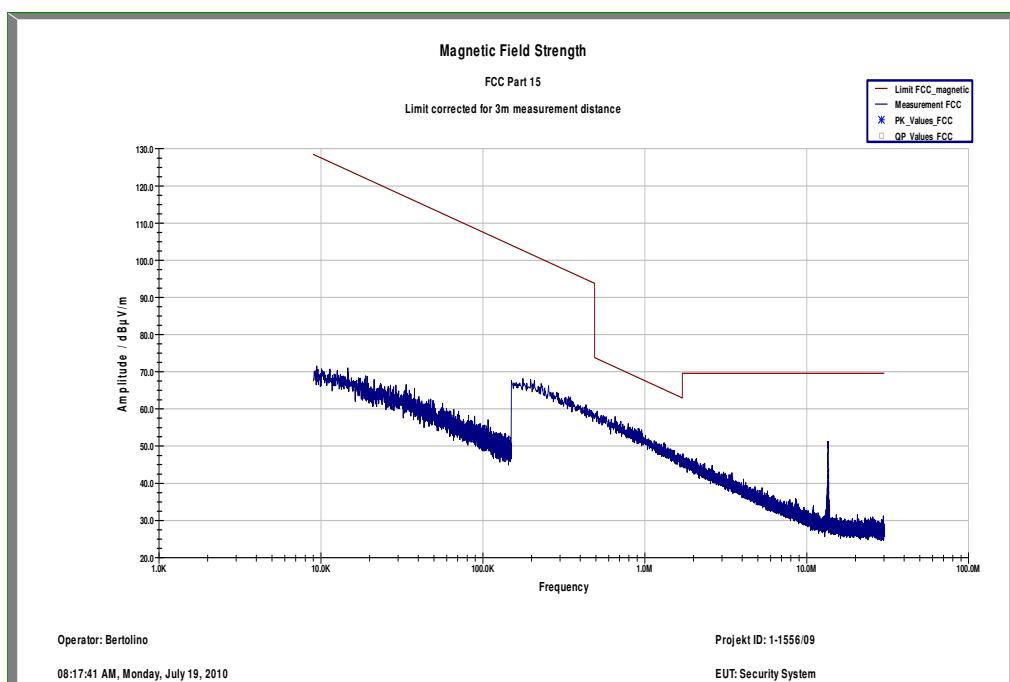
Part 15.209 Magnetics, Measurement distance 3m

Transmit frequency 13.56 MHz

Plot 1: 9 kHz – 30 MHz;



Plot 2: 9 kHz – 30 MHz; 90 ° turned



Plot 3: 30 MHz – 1000 MHz

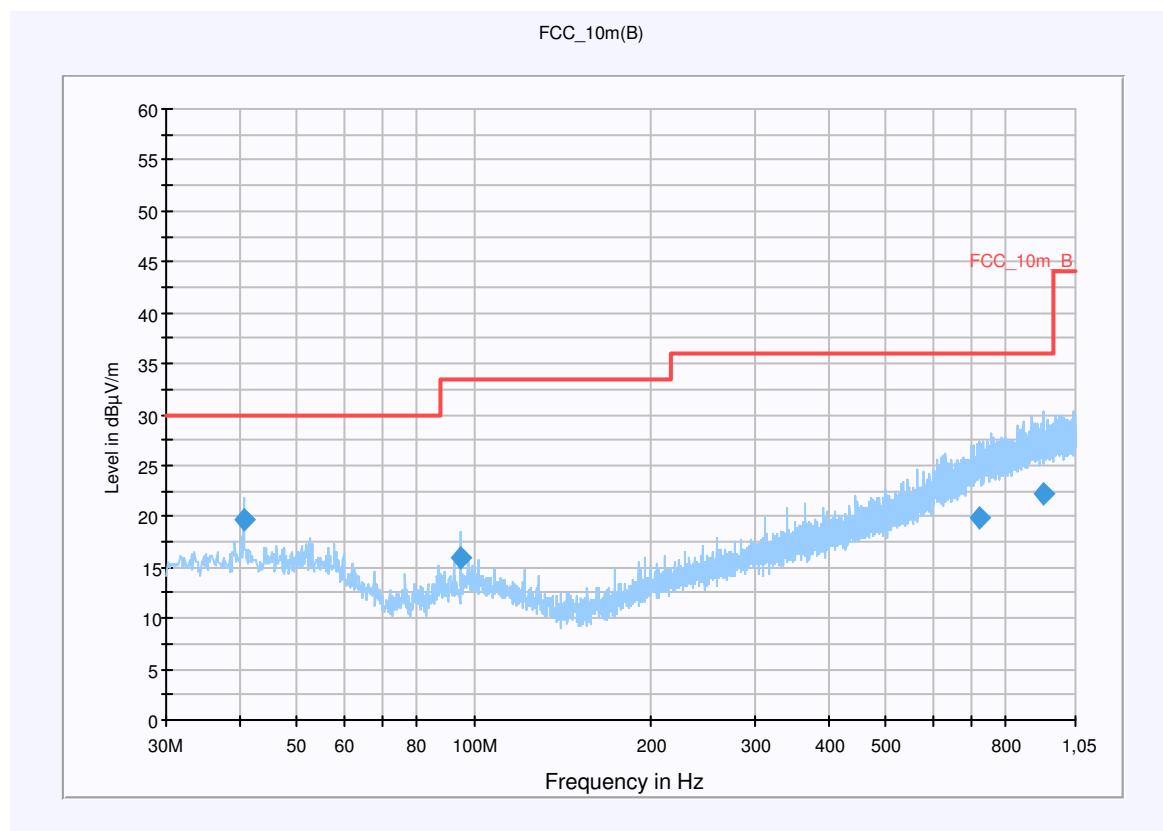
Transmit frequency 13.56 MHz

Common Information

EUT: locking system
 Serial Number: unknown
 Test Description: FCC part 15 class B @ 10 m
 Operating Conditions: TX 13,56 MHz
 Operator Name: Hennemann
 Comment: AC: 115 V / 60 Hz

Scan Setup: STAN_Fin [EMI radiated]

Hardware Setup:	Electric Field (NOS)			
Level Unit:	dB μ V/m			
Subrange	Detectors	IF Bandwidth	Meas. Time	Receiver
30 MHz - 1,05 GHz	QuasiPeak	120 kHz	15 s	Receiver



Final Result 1

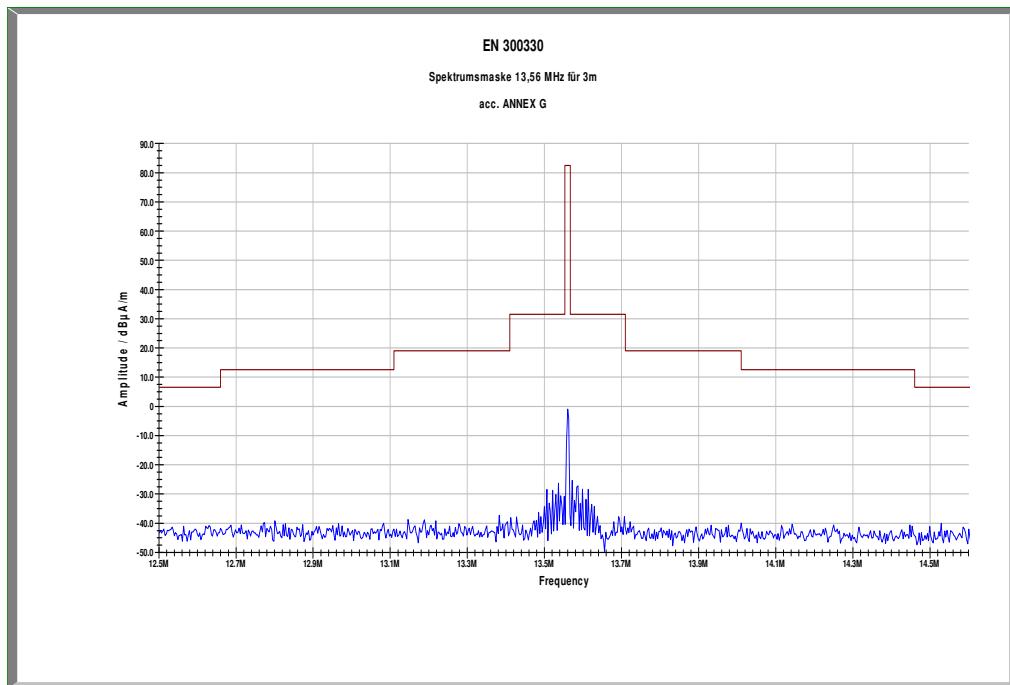
Frequency (MHz)	QuasiPeak (dB μ V/m)	Meas. Time (ms)	Bandwidth (kHz)	Antenna height (cm)	Polarity	Turntable position (deg)	Corr. (dB)	Margin (dB)	Limit (dB μ V/m)	Comment
40.688550	19.6	15000.000	120.000	100.0	V	5.0	13.4	10.4	30.0	
94.914150	15.9	15000.000	120.000	100.0	V	240.0	11.2	17.6	33.5	
719.446500	19.9	15000.000	120.000	400.0	H	286.0	23.0	16.1	36.0	
923.827500	22.2	15000.000	120.000	200.0	H	77.0	25.3	13.8	36.0	

Hardware Setup: EMI radiated\Electric Field (NOS) - [EMI radiated]

Subrange 1	
Frequency Range:	30 MHz - 2 GHz
Receiver:	Receiver [ESCI 3] @ GPIB0 (ADR 20), SN 100083/003, FW 4.32
Signal Path:	without Notch FW 1.0
Antenna:	VULB 9163 SN 9163-295, FW --- Correction Table (vertical): VULP6113 Correction Table (horizontal): VULP6113 Correction Table: Cable_EN_1GHz (1005)
Antenna Tower:	Tower [EMCO 2090 Antenna Tower] @ GPIB0 (ADR 8), FW REV 3.12
Turntable:	Turntable [EMCO Turntable] @ GPIB0 (ADR 9), FW REV 3.12

EMC 32 Version 8.10.00

Plot 4: Spectrum mask part15.225 (a,b,c,d)



Limits recalculated from 30m to 3m with 40 dB / decade according to FCC 15.31 (f2)

RBW /VBW 9 kHz

The transmitter holds the requirements of FCC 15.225 (a,b,c and d)

9.4 Frequency Tolerance

Measurement:

Measurement parameter	
Detector:	Peak
Sweep time:	Auto
Resolution bandwidth:	500 Hz
Video bandwidth:	5 kHz
Span:	20 kHz
Trace-Mode:	Max hold

Limits:

FCC	IC
SUBCLAUSE § 15.225	RSS-210 Issue 7 Annex 2.6
The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.	

Result: The result of the measurement is passed.

Frequency tolerance								
Over temperature variation			Over voltage variation			MHz		
Limit is +/- 1.356 kHz			Limit is +/- 1.356 kHz			MHz		
T (°C)]	Frequency	result	Power voltage	Frequency	result	F [MHz]	Detector	Level [µV/m]
-20°	13.560.610	Passed	98V	13.560.513	Passed			
-10°	13.560.610	Passed	104V	13.560.513	Passed			
0°	13.560.578	Passed	110V	13.560.513	Passed			
10°	13.560.541	Passed	115V	13.560.513	Passed			
20°	13.560.513	Passed	121V	13.560.513	Passed			
30°	13.560.496	Passed	127V	13.560.513	Passed			
40°	13.560.471	Passed	132V	13.560.513	Passed			
50°	13.560.449	Passed						
Measurement uncertainty			±100 Hz					

9.5 AC Line Conducted

Measurement:

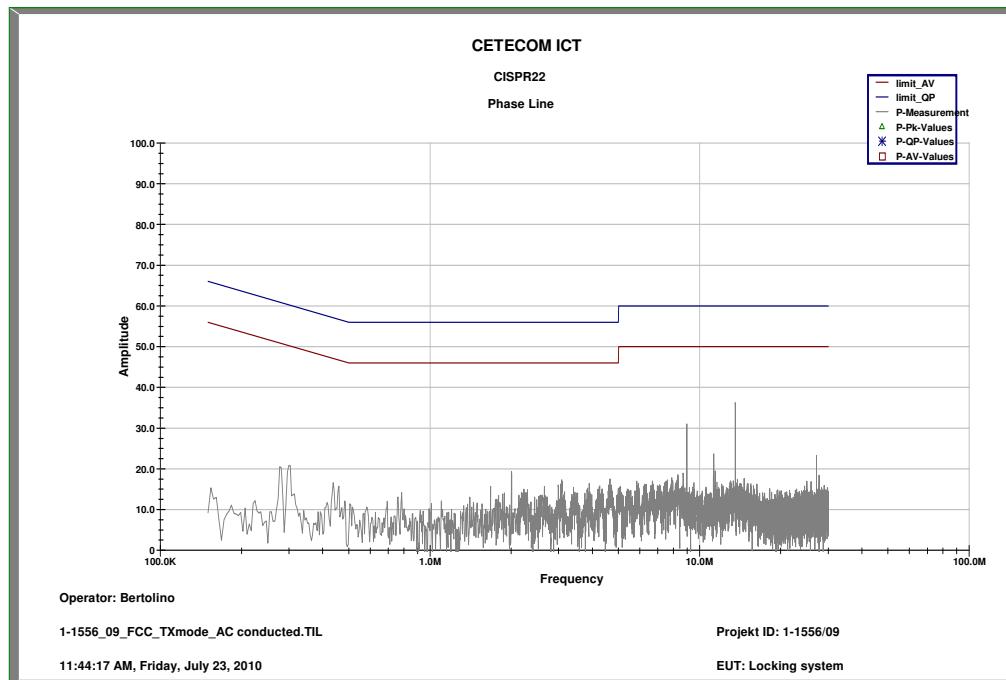
Measurement parameter	
Detector:	Peak / Average / Quasi Peak
Sweep time:	Auto / 3 * 1s
Resolution bandwidth:	120 kHz
Video bandwidth:	-/-
Span:	Steps
Trace-Mode:	Max hold

Limits:

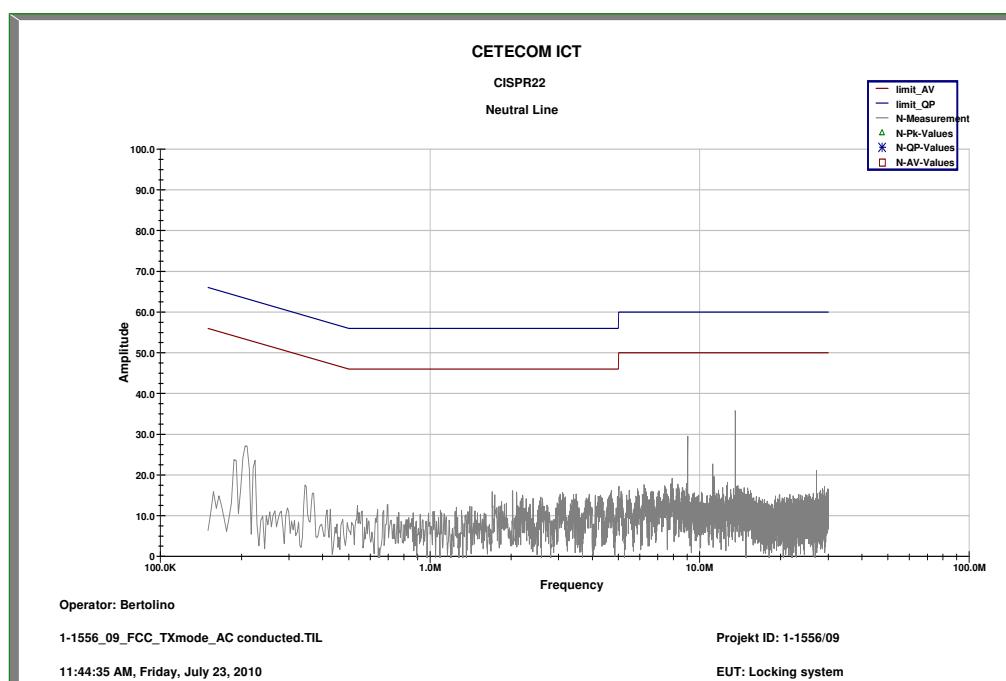
FCC	IC	
SUBCLAUSE § 15.107 / 15.207	RSS-210 Issue 7 Section 6.6, 7.4	
<hr/>		
Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56 *	56 to 46 *
0.5 – 5	56	46
5 - 30	60	50

Result: The result of the measurement is passed.

Plot 1: Phase line



Plot 2: Neutral line



10 Test equipment and ancillaries used for tests

In order to simplify the identification of the equipment used at each specific test, each item of test equipment and ancillaries are provided with an identifier or number in the equipment list below.

Typically, the calibrations of the test apparatus are commissioned to and performed by an accredited calibration laboratory. The calibration intervals are determined in accordance with the DIN EN ISO/IEC 17025. In addition to the external calibrations, the laboratory executes comparison measurements with other calibrated test systems or effective verifications. Weekly chamber inspections and range calibrations are performed. Where possible, rf-generating and signalling equipment as well as measuring receivers and analyzers are connected to an external high-precision 10 MHz reference (GPS-based or rubidium frequency standard).

No.	Labor / Item	Equipment	Type	Manufact.	Serial No.	INV. No Cetecom	Kal. Art	Last Calibration	Next Calibration
1	45	Switch-Unit	3488A	HP Meßtechnik	2719A14505	300000368	g		
2	50	DC power supply, 60Vdc, 50A, 1200 W	6032A	HP Meßtechnik	2920A04466	300000580	k	06.01.2009	06.01.2011
3	n. a.	software	SPS_PHE 1.4f	Spitzberger & Spieß	B5981; 5D1081;B5979	300000210	ne		
4	n. a.	EMI Test Receiver	ESCI 1166.5950.03	R&S	100083	300003312	k	08.01.2010	08.01.2012
5	n. a.	Analyzer-Reference-System (Harmonics and Flicker)	ARS 16/1	SPS	A3509 07/0 0205	300003314	k	01.06.2009	01.06.2011
6	n. a.	Amplifier	JS42-00502650-28-5A	MITEQ	1084532	300003379	ev		
7	n. a.	Antenna Tower	Model 2175	ETS-LINDGREN	64762	300003745	izw		
8	n. a.	Positioning Controller	Model 2090	ETS-LINDGREN	64672	300003746	izw		
9	n. a.	Turntable Interface-Box	Model 105637	ETS-LINDGREN	44583	300003747	izw		
10	n. a.	TRILOG Broadband Test-Antenna 30 MHz - 3 GHz	VULB9163	Schwarzbeck	295	300003787	k	01.04.2010	01.04.2012
11	n. a.	Spectrum-Analyzer	FSU26	R&S	200809	300003874	k	08.01.2010	08.01.2012
12	n. a.	DC power supply, 60Vdc, 50A, 1200 W	6032A	HP Meßtechnik	2818A03450	300001040	Ve	08.01.2009	08.01.2012
13	n. a.	Power Attenuator	8325	Byrd	1530	300001595			
14	n. a.	Double-Ridged Waveguide Horn Antenna 1-18.0GHz	3115	EMCO	8812-3088	300001032	viKI!	05.03.2009	05.03.2011
15	n. a.	Active Loop Antenna	6502	EMCO	2210	300001015	ne		
16	n. a.	Anechoic chamber		MWB	87400/02	300000996			
17	Spec.A. 2_2e	System rack for EMI measurement solution	85900	HP I.V.	*	300000222	ne		
18	9	Artificial Mains 9 kHz to 30 MHz, 4 x 25 Ampere	ESH3-Z5	R&S	828576/020	300001210	Ve	06.01.2010	06.01.2012
19	n. a.	Relais Matrix	3488A	HP Meßtechnik	2719A15013	300001156	ne		
20	n. a.	Relais Matrix	PSU	R&S	890167/024	300001168	ne		
21	n. a.	Isolating Transformer	RT5A	Grundig	9242	300001263	ne		
22	n. a.	Three-Way Power Splitter, 50 Ohm	11850C	HP Meßtechnik		300000997	ne		
23	n. a.	Switch / Control Unit	3488A	HP	2605e08770	300001443	ne		
24	n. a.	Band Reject filter	WRG1855/1910-1835/1925-40/8SS	Wainwright	7	300003350	ev		

25	n. a.	Band Reject filter	WRCG2400/2483-2375/2505-50/10SS	Wainwright	11	300003351	ev		
26	n. a.	TILE-Software Emission	Quantum Change, Modell TILE-ICS/FULL	EMCO	none	300003451	ne		
27	n. a.	Highpass Filter	WHKX2.9/18G-12SS	Wainwright	1	300003492	ev		
28	n. a.	Highpass Filter	WHK1.1/15G-10SS	Wainwright	3	300003255	ev		
29	n. a.	Highpass Filter	WHKX7.0/18G-8SS	Wainwright	18	300003789	ne		
30	n. a.	PSA Spectrum Analyzer 3 Hz - 26.5 GHz	E4440A	Agilent Technologies	MY48250080	300003812	k	05.08.2008	05.08.2010
31	n. a.	MXG Microwave Analog Signal Generator	N5183A	Agilent Technologies	MY47420220	300003813	k	06.08.2008	06.08.2010
32	n. a.	RF Filter Section 9kHz - 1GHz	N9039A	Agilent Technologies	MY48260003	300003825	vlKI!	19.08.2008	19.08.2010
33	n. a.	TRILOG Broadband Test-Antenna 30 MHz - 3 GHz	VULB9163	Schwarzbeck	371	300003854	vlKI!	17.12.2008	17.12.2010
34	n. a.	Spectrum Analyzer 20 Hz - 50 GHz	FSU50	R&S	200012	300003443	ve	01.07.2010	01.07.2012
35	n. a.	Temperature Test Chamber	VT 4002	Heraeus Voetsch	521/84193	300003889	vlKI!	28.05.2009	28.05.2011

Annex A Photographs of the Test Set-up

Photo documentation:

Photo 1:



Photo 2:



Photo 3:



Annex B External Photographs of the EUT

Photo documentation:

Photo 1:

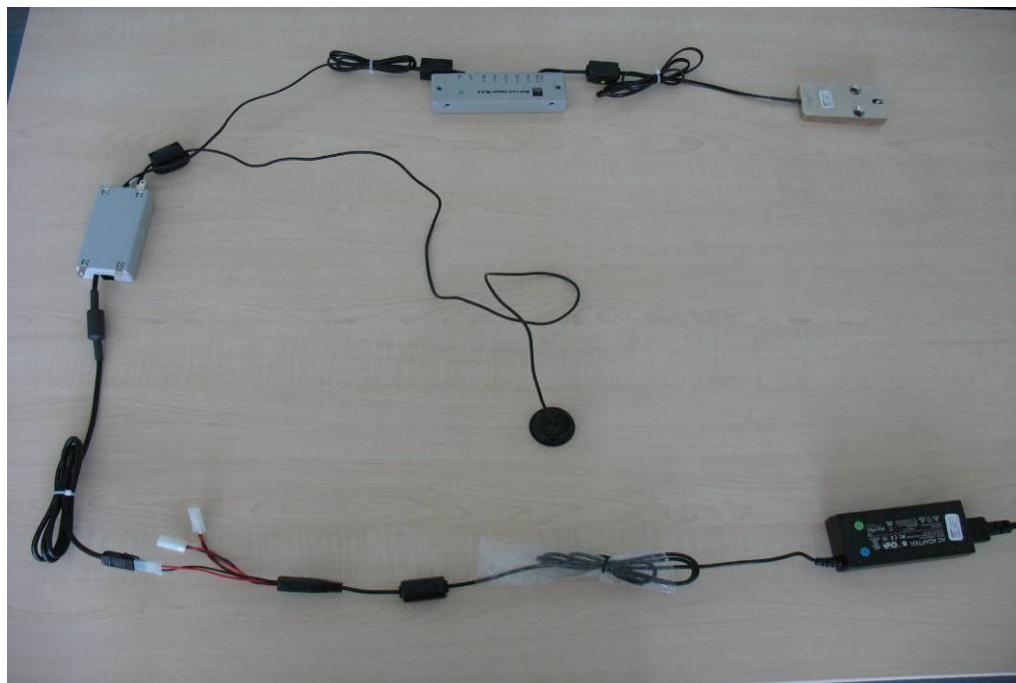


Photo 2:



Photo 3:



Photo 4:

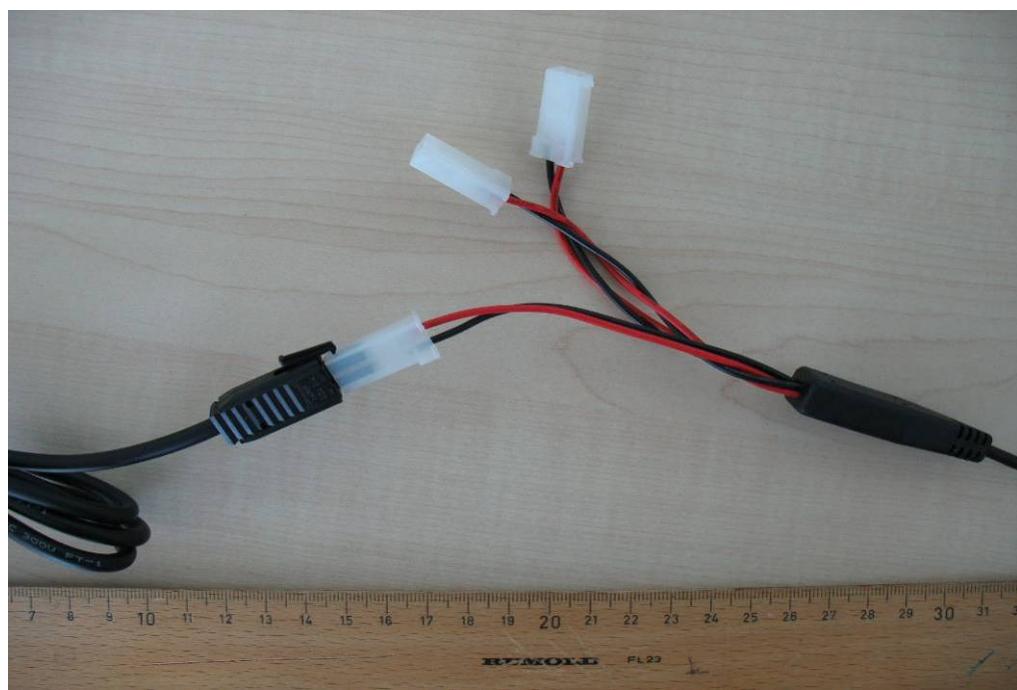


Photo 5:

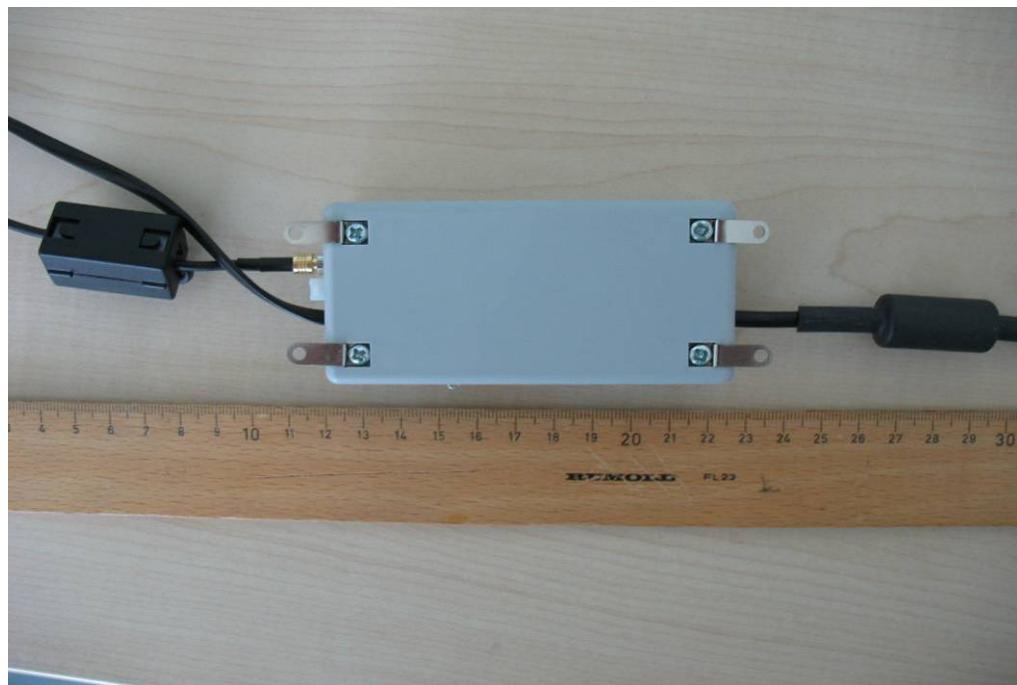


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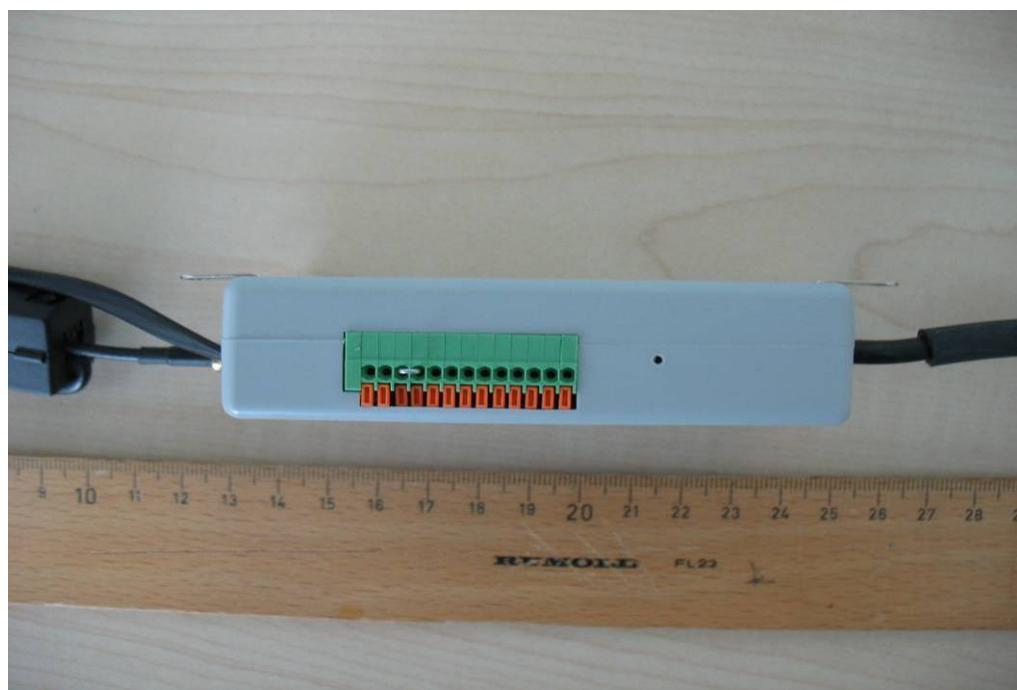


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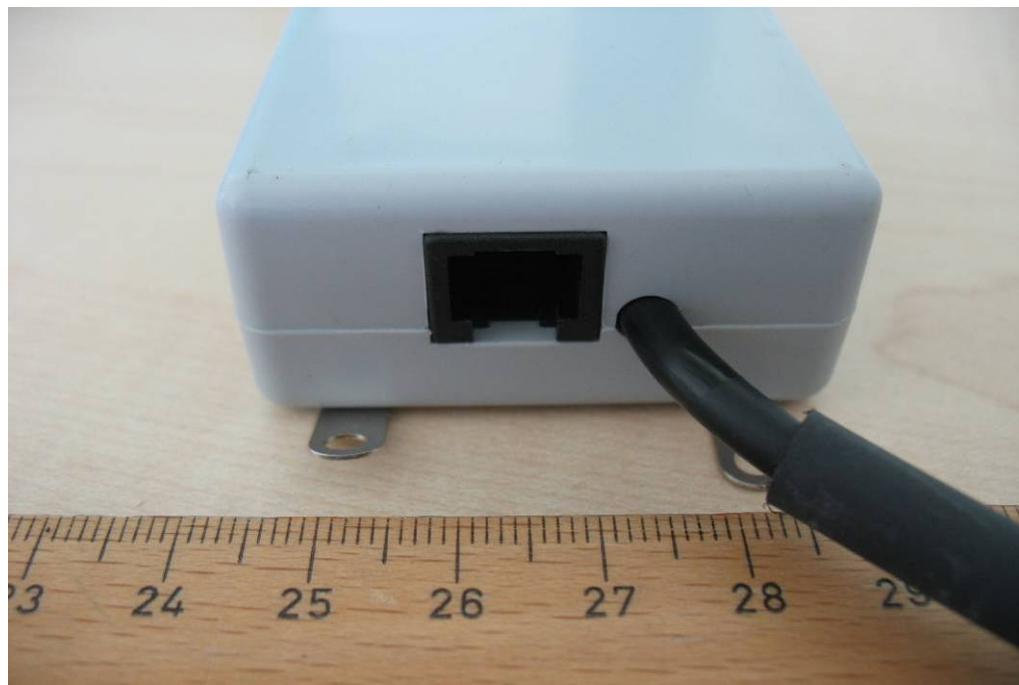


Photo 8:



Photo 9:



Photo 10:



Photo 11:



Photo 12:

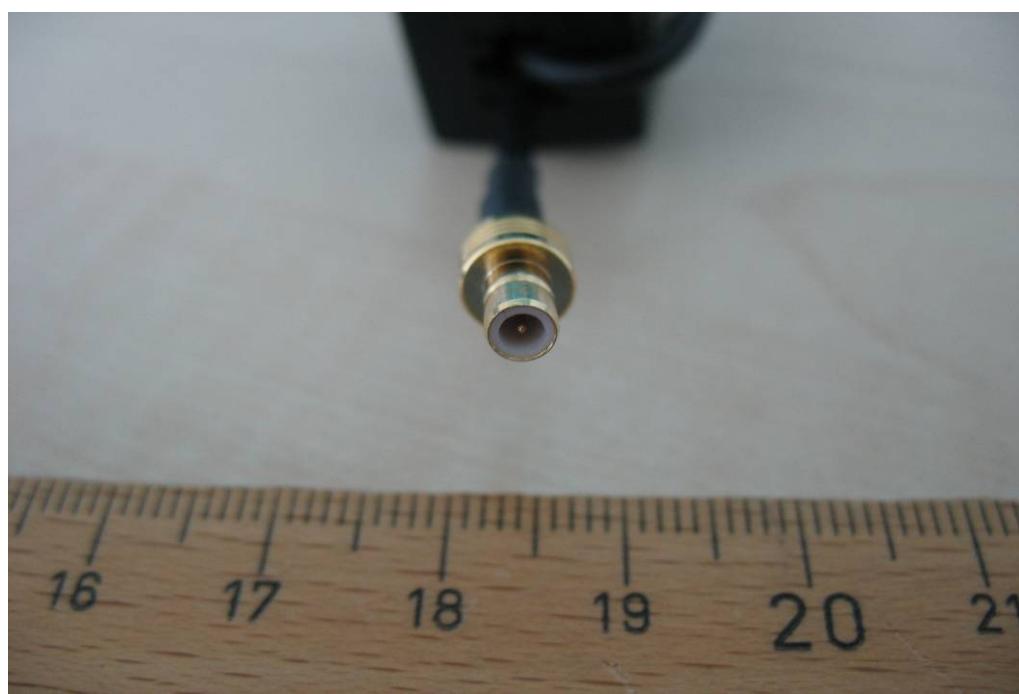


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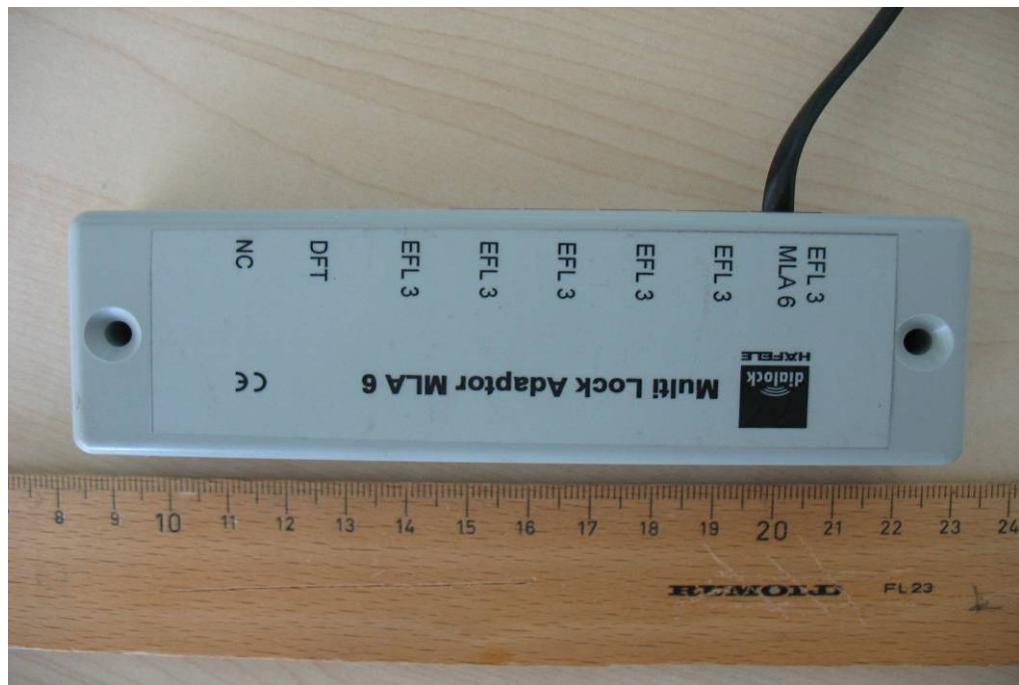


Photo 14:



Photo 15:

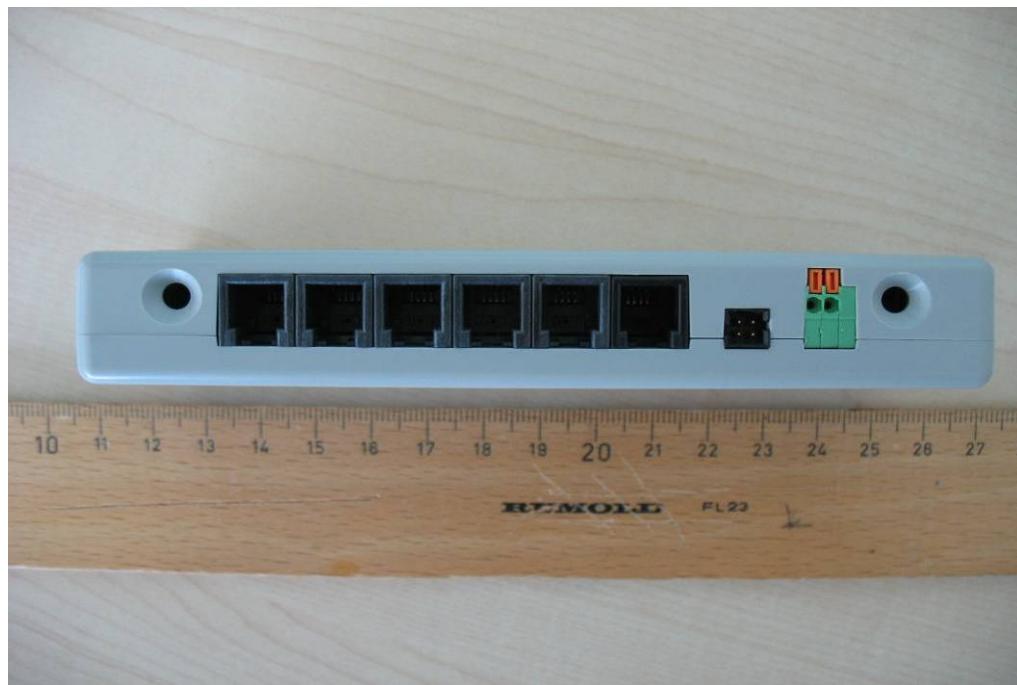


Photo 16:



Annex C Internal Photographs of the EUT

Photo documentation:

Photo 1:



Photo 2:

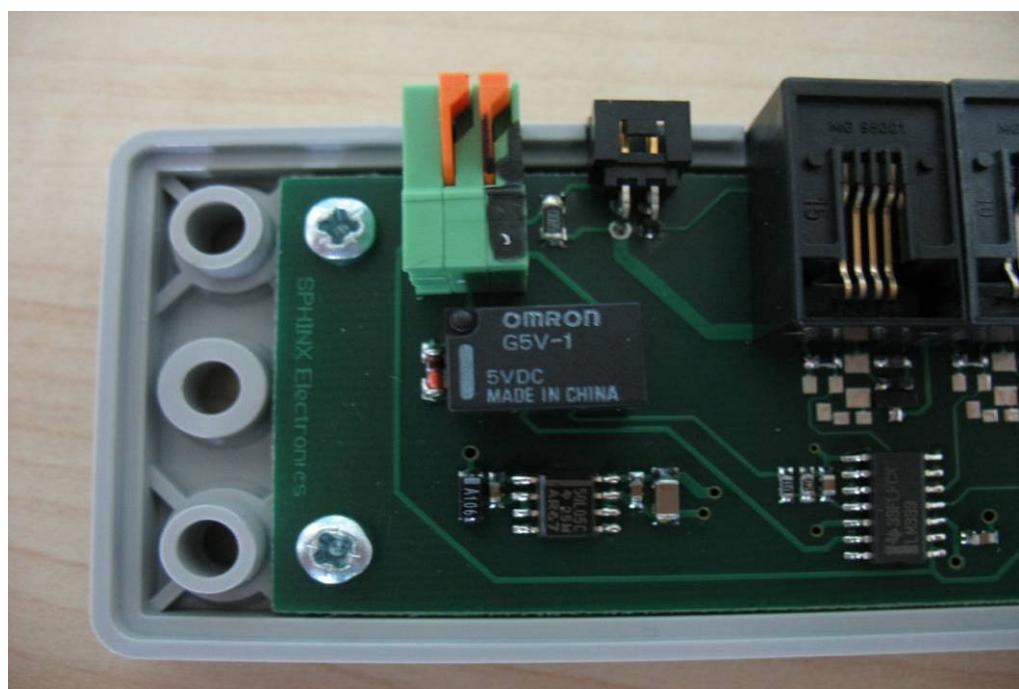


Photo 3:

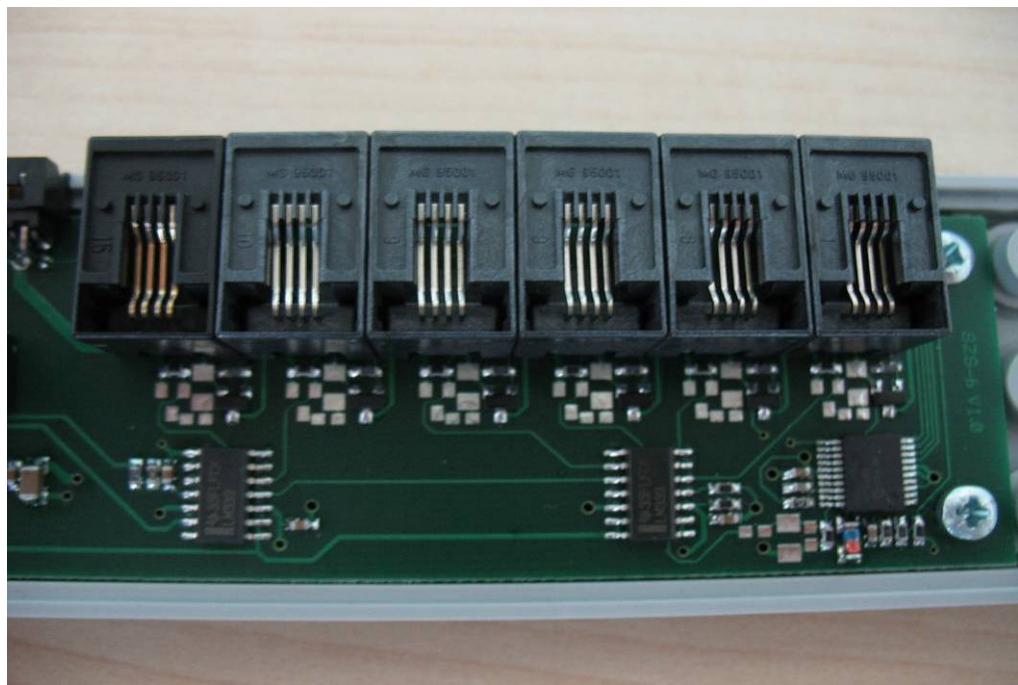


Photo 4:

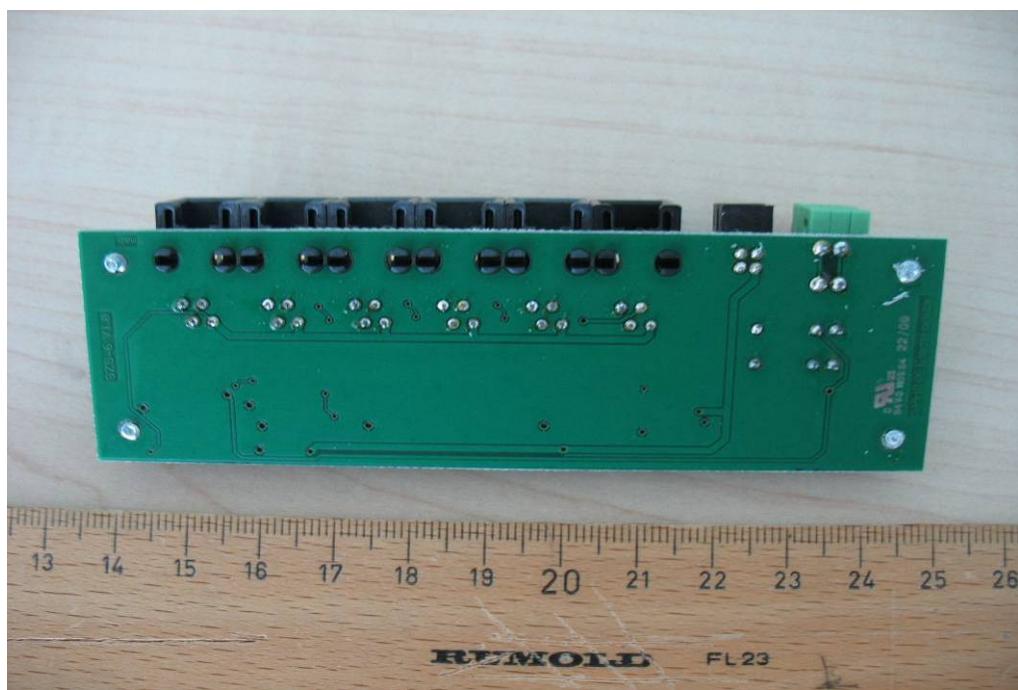


Photo 5:

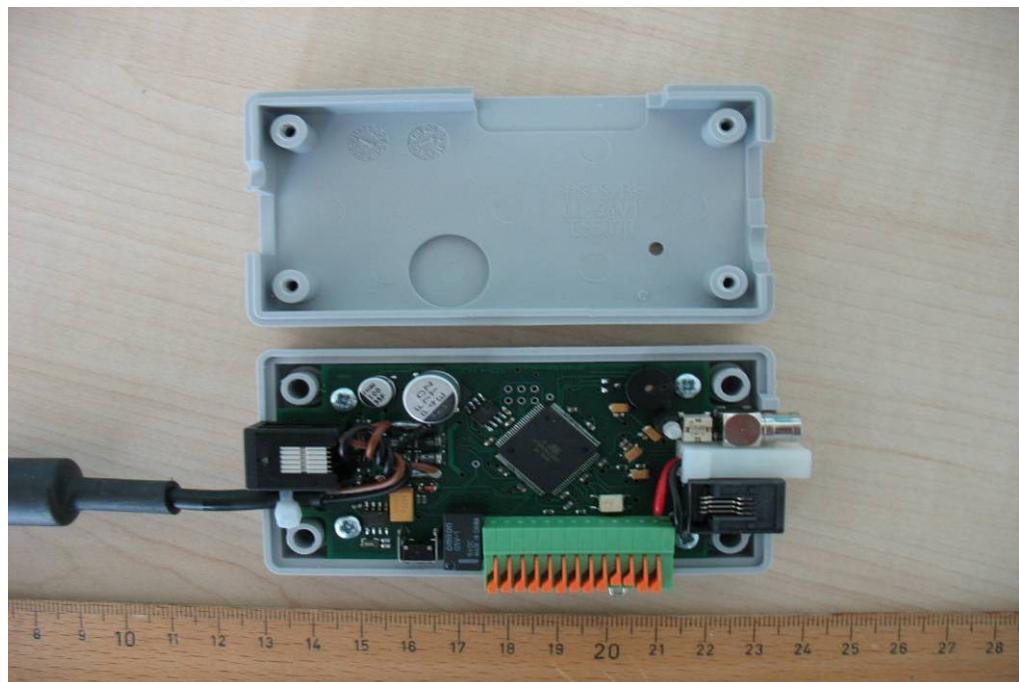


Photo 6:

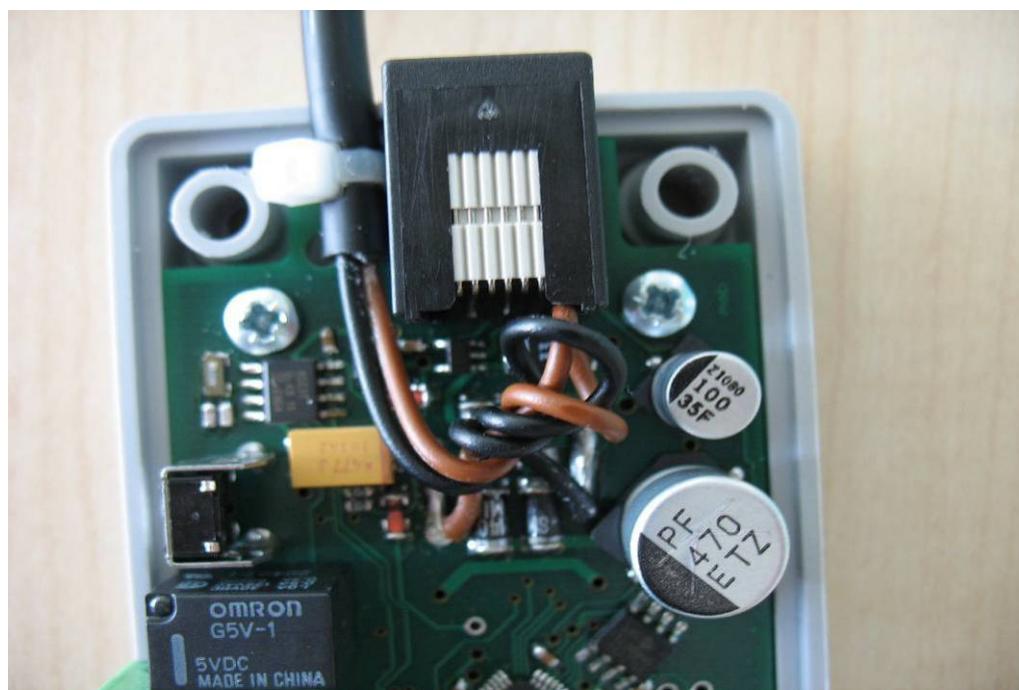


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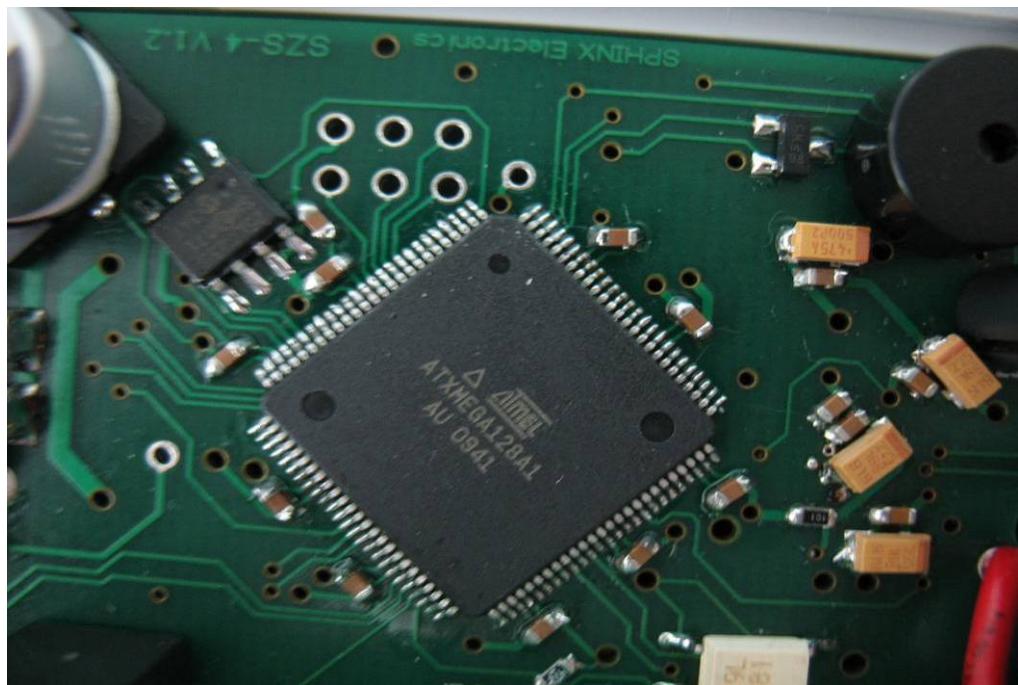


Photo 8:

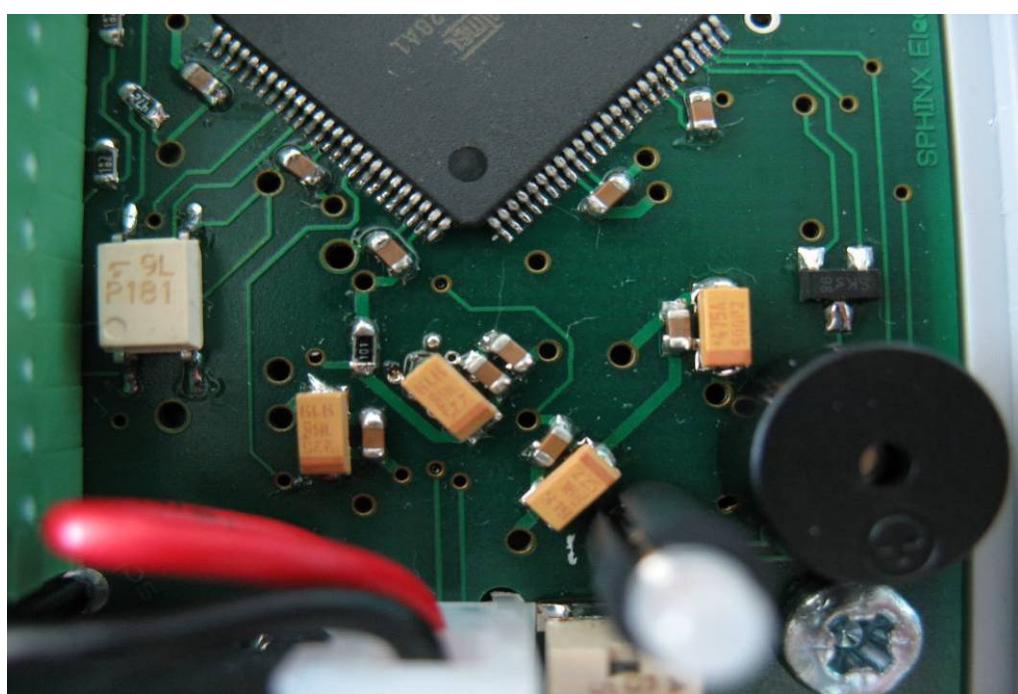


Photo 9:

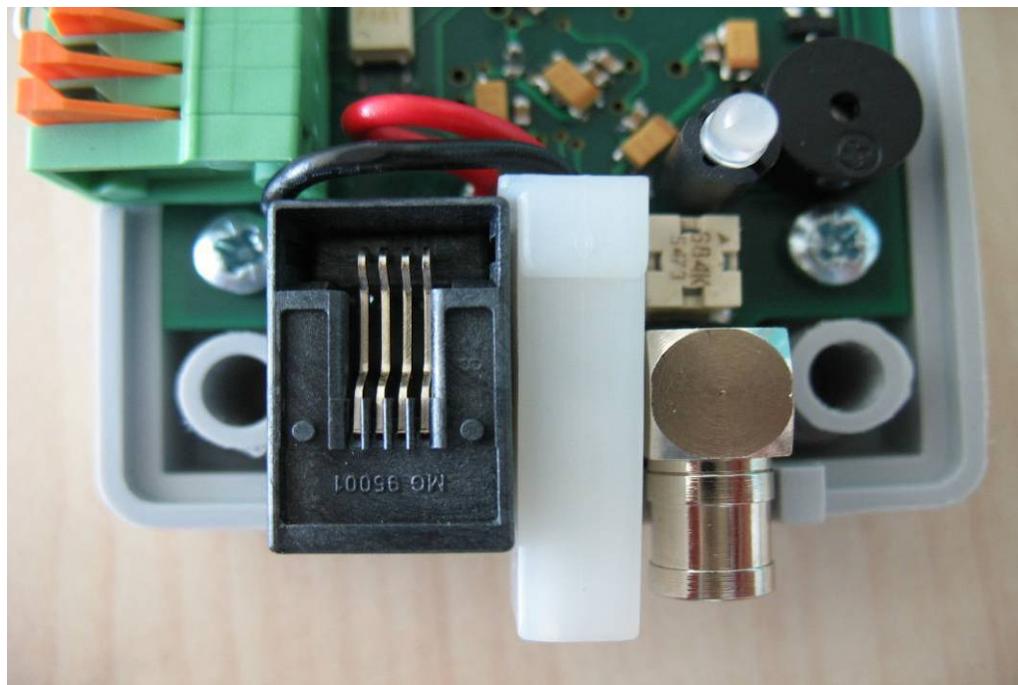


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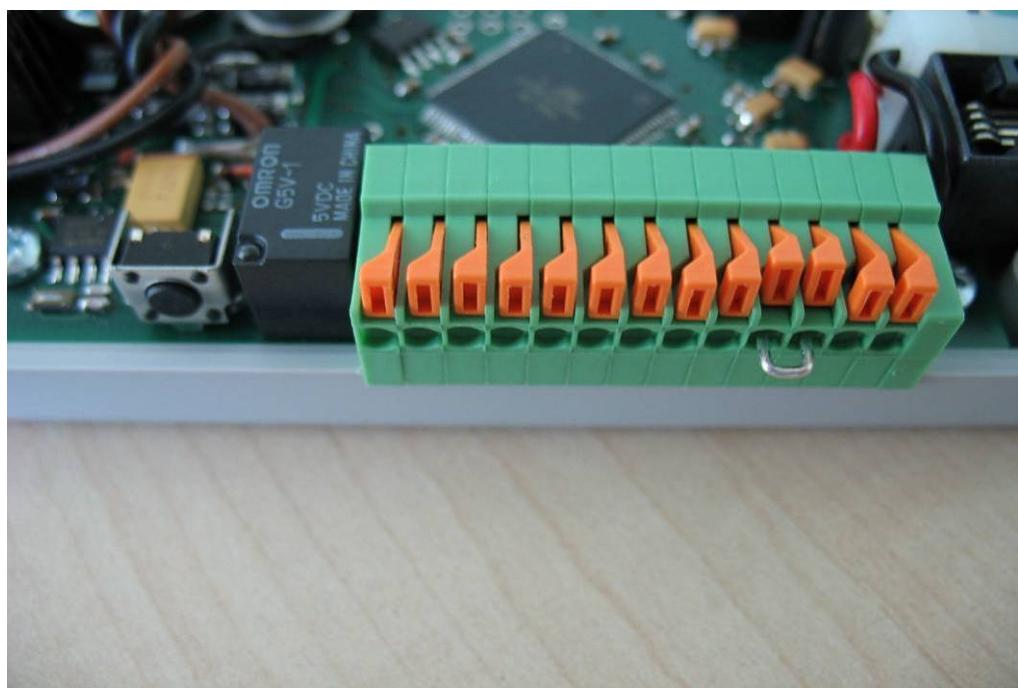


Photo 11:

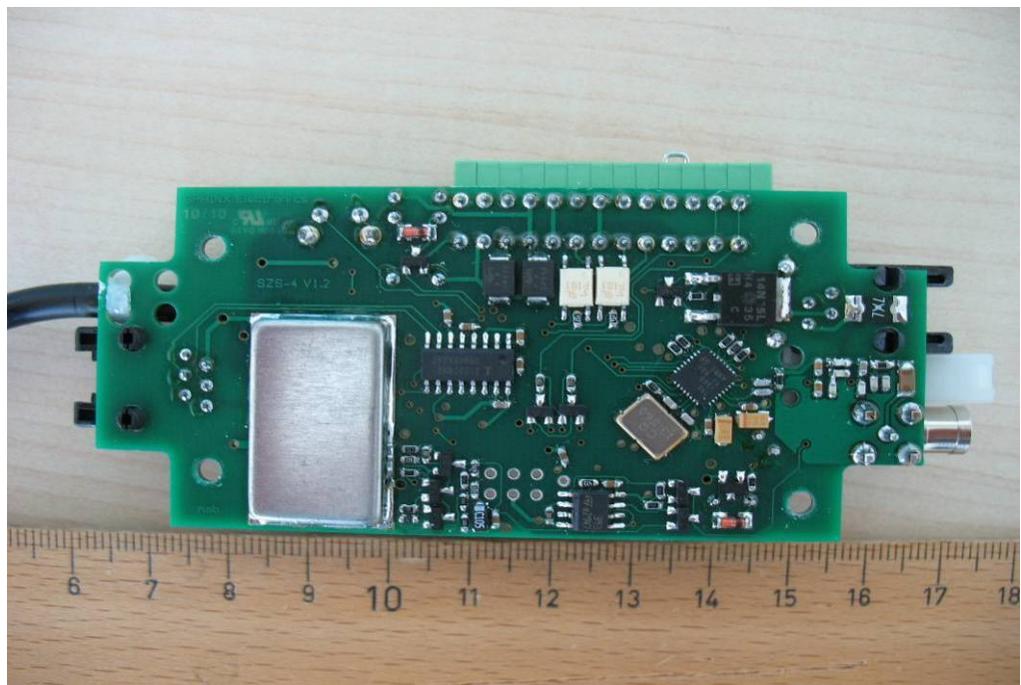
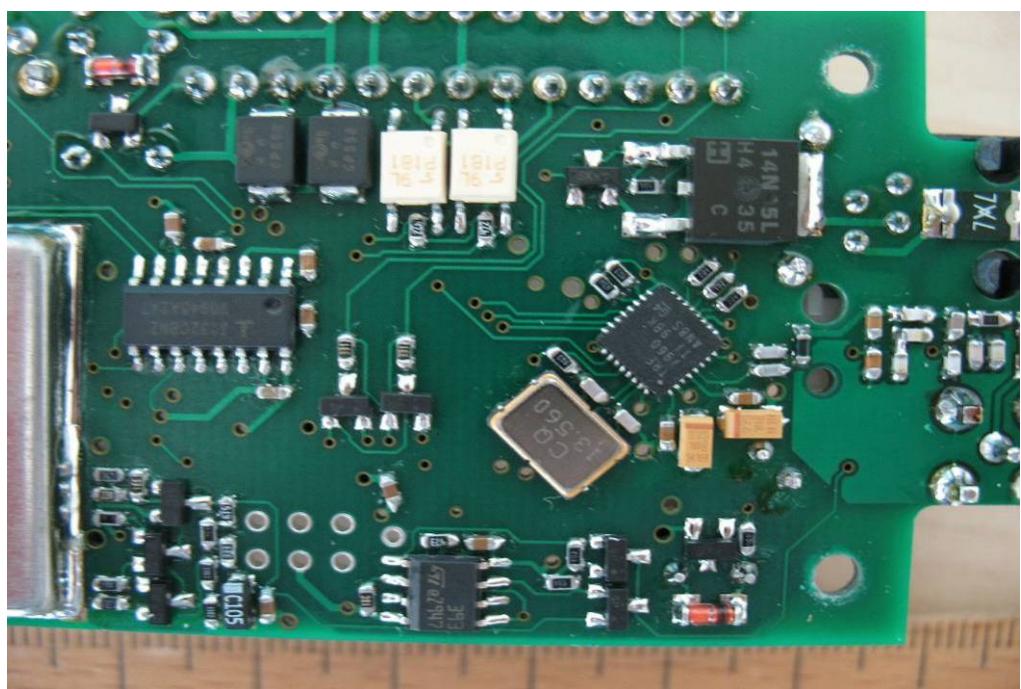


Photo 12:



Annex D Document history

Version	Applied changes	Date of release
1.0	Initial release	2010-07-26

Annex E Further information

Glossary

DUT	-	Device under Test
EMC	-	Electromagnetic Compatibility
EUT	-	Equipment under Test
FCC	-	Federal Communication Commission
FCC ID	-	Company Identifier at FCC
HW	-	Hardware
IC	-	Industry Canada
Inv. No.	-	Inventory number
N/A	-	not applicable
S/N	-	Serial Number
SW	-	Software