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

Test report no.: 1-7693/14-01-35-B

Deutsche
Akkreditierungsstelle
D-PL-12076-01-00**Testing laboratory****CETECOM ICT Services GmbH**

Untertuerkheimer Strasse 6 – 10

66117 Saarbruecken / Germany

Phone: + 49 681 5 98 - 0

Fax: + 49 681 5 98 - 9075

Internet: <http://www.cetecom.com>e-mail: ict@cetecom.com**Accredited Testing Laboratory:**

The testing laboratory (area of testing) is accredited according to DIN EN ISO/IEC 17025 (2005) by the Deutsche Akkreditierungsstelle GmbH (DAkkS)

The accreditation is valid for the scope of testing procedures as stated in the accreditation certificate with the registration number: D-PL-12076-01-00

Applicant**Huf Hülsbeck und Fürst**

Steeger Str. 17

42551 Velbert / GERMANY

Phone: +49 (0) 2051 272-434

Fax: +49 (0) 2051 272-6990

Contact: Klaus-Dieter Kulik

e-mail: Klaus.Kulik@huf-group.com

Phone: +49 (0) 2051 272-6347

Manufacturer**Huf Portuguesa, Lda**

Aptd. 89, ZIM Tondela

3460-070 Tondela / PORTUGAL

Test standard/s

47 CFR Part 15

Title 47 of the Code of Federal Regulations; Chapter I; Part 15 – Radio frequency devices

RSS – 210 Issue 8

Spectrum Management and Telecommunications Radio Standards Specification – Licence-exempt Radio Apparatus (All Frequency Bands): Category I Equipment

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

Test Item**Kind of test item:** Car-Key 434 MHz**Model name:** HUF8432**FCC ID:** YGOHUF8432**IC:** 4008C-HUF8432

Frequency: 433 MHz Band

Technology tested: WLAN

Antenna: Integrated PCB loop antenna

Power supply: 3.0V DC by battery

Temperature range: -20°C to +65°C



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

Test report authorised:Stefan Bös
Radio Communications & EMC**Test performed:**David Lang
Radio Communications & EMC

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2 General information

2.1 Notes and disclaimer

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 generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item.

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This test report replaces the test report with the number 1-7693/14-01-35-A and dated 2015-01-21.

2.2 Application details

| | |
|------------------------------------|------------|
| Date of receipt of order: | 2014-04-09 |
| Date of receipt of test item: | 2014-12-01 |
| Start of test: | 2014-12-03 |
| End of test: | 2014-12-18 |
| Person(s) present during the test: | -/- |

3 Test standard/s

| Test standard | Date | Test standard description |
|-------------------|------------|---|
| 47 CFR Part 15 | | Title 47 of the Code of Federal Regulations; Chapter I; Part 15 – Radio frequency devices |
| RSS – 210 Issue 8 | 01.12.2010 | Spectrum Management and Telecommunications Radio Standards Specification – Licence-exempt Radio Apparatus (All Frequency Bands): Category I Equipment |

4 Test environment

| | | |
|----------------------------|-----------|---------------------------------------|
| Temperature: | T_{nom} | +22 °C during room temperature tests |
| | T_{max} | +65 °C during high temperature tests |
| | T_{min} | -20 °C during low temperature tests |
| Relative humidity content: | | 54 % |
| Barometric pressure: | | not relevant for this kind of testing |
| Power supply: | V_{nom} | 3.0 V DC by battery |
| | V_{max} | 3.3 V |
| | V_{min} | 2.3 V |

5 Test item

| | | |
|----------------------------|---|-----------------------------|
| Kind of test item | : | Car-Key 434 MHz |
| Type identification | : | HUF8432 |
| S/N serial number | : | Not available! |
| HW hardware status | : | 002 (C5) |
| SW software status | : | 1.26 |
| Frequency band [MHz] | : | 433 MHz Band |
| Type of radio transmission | : | Single carrier |
| Use of frequency spectrum | : | |
| Type of modulation | : | FSK |
| Number of channels | : | 2 |
| Antenna | : | Integrated PCB loop antenna |
| Power supply | : | 3.0 V DC by battery |
| Temperature range | : | -20°C to +65 °C |

5.1 Additional information

The content of the following annexes is defined in the QA. It may be that not all of the listed annexes are necessary for this report, thus some values in between may be missing.

Test setup- and EUT-photos are included in test report: 1-7693/14-01-46_AnnexA
 1-7693/14-01-46_AnnexB
 1-7693/14-01-46_AnnexD

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 8, Annex 8 | Passed | 2015-01-26 | -/- |

| Test Specification Clause | Test Case | Temperature Conditions | Power Source Voltages | Pass | Fail | NA | NP | Remark |
|--------------------------------------|--|------------------------|-----------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|----------------------|
| § 15.35 ©/ RSS-GEN | Timing of the transmitter (Duty cycle correction factor) | Nominal | Nominal | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | -/- |
| § 15.231 (a) (1)/ RSS-210 Issue 8 | Switch off time | Nominal | Nominal | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | *1 |
| § 15.231 (3) ©/ RSS-210 Issue 8 | Emission Bandwidth | Nominal | Nominal | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | -/- |
| § 15.231 (b)/ RSS-210 Issue 8 | Fieldstrength of Fundamental | Nominal | Nominal | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | -/- |
| § 15.209/ RSS-210 Issue 8 | Fieldstrength of harmonics and spurious | Nominal | Nominal | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | -/- |
| § 15.209/ RSS-GEN | Receiver spurious emissions (radiated) | Nominal | Nominal | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transmitter only. |

Note: NA = Not Applicable; NP = Not Performed; *1 Test performed with a sister product containing the same RF-chip and the same RF-protocol (see Test Report 1-7693/14-01-34 for reference).

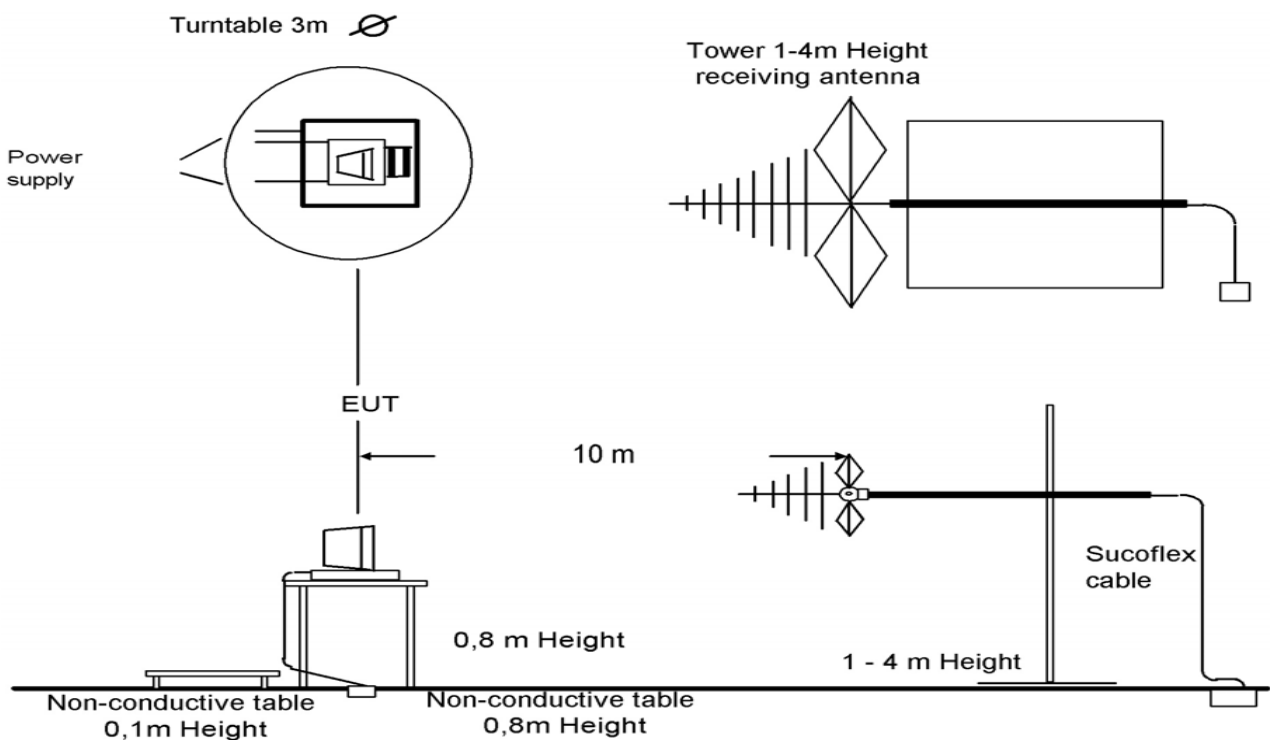
8 RF measurements

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 C63.4-2009 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 C63-4-2009 clause 4.2. Antennas are confirmed with ANSI C63.2-1996 item 15.

Semi anechoic chamber

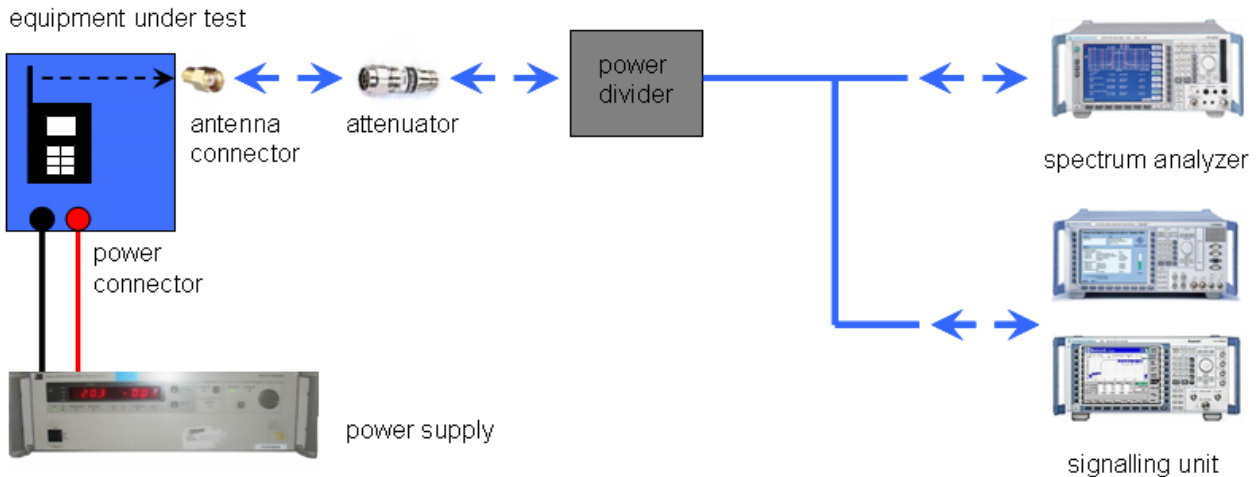


Picture 1: Diagram radiated measurements

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

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: Test Report 1-7693/14-01-34 issued by Cetecom ICT Services GmbH, 2014-12-14.

Special test descriptions: None

Configuration descriptions: None

9 Measurement results

9.1 Timing of the transmitter

Measurement:

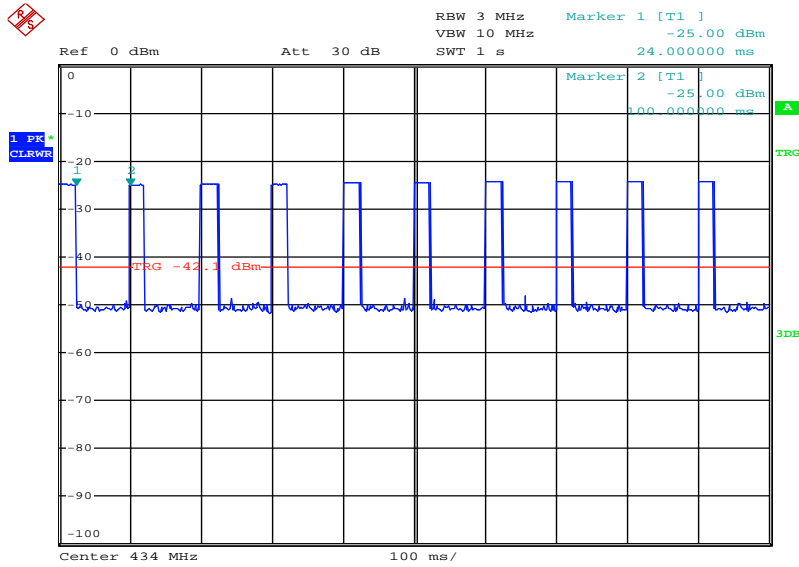
| Measurement parameter | |
|-----------------------|-----------|
| Detector: | Peak |
| Sweep time: | 1s |
| Resolution bandwidth: | 3MHz |
| Video bandwidth: | 10MHz |
| Span: | Zero Span |
| Trace-Mode: | Max-Hold |

Limits:

| FCC | IC |
|---|----|
| Timing of the transmitter | |
| <p>© 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.</p> | |

Result:

Plot 1: Timing of the Transmitter



Date: 18.DEC.2014 09:32:00

Transmit time (Tx on) = 24ms
 Tx on + Tx off = 76ms

The peak-to-average correction factor is calculated with $20\text{Log} [\text{Tx on}/(\text{Tx on} + \text{Tx off})]$.
 Hereby the peak-to-average correction factor is -12.4dB.

Verdict: Passed.

9.2 Switch off time

Measurement:

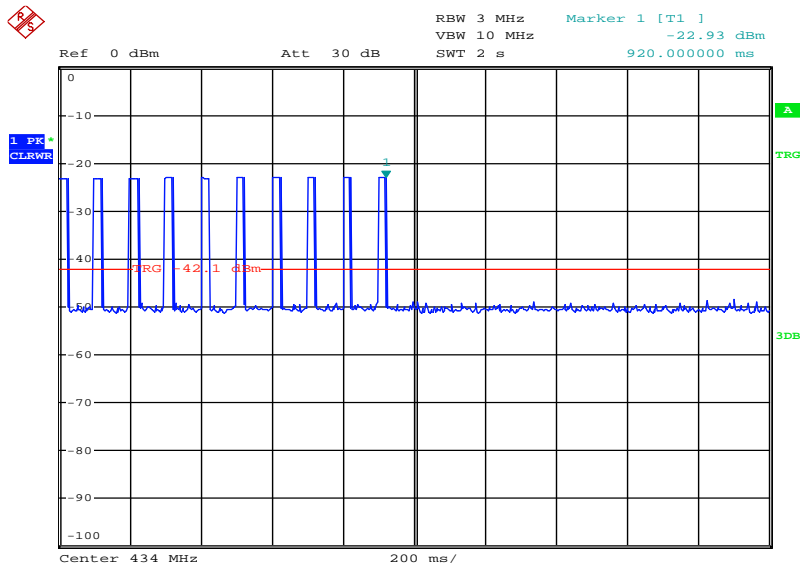
| Measurement parameter | |
|-----------------------|-----------|
| Detector: | Peak |
| Sweep time: | 1s |
| Resolution bandwidth: | 3MHz |
| Video bandwidth: | 10MHz |
| Span: | Zero Span |
| Trace-Mode: | Max-Hold |

Limits:

| FCC | IC |
|--|----|
| Switch off time | |
| A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released. | |

Results:

Plot 1: Transmit burst



Date: 18.DEC.2014 09:28:53

The EUT automatically ceases transmission within not more than 920 ms after releasing the switch.

Verdict: Passed.

9.3 Emission bandwidth

Measurement:

Measurement of the 20 dB bandwidth of the modulated signal

| Measurement parameter | |
|-----------------------|----------|
| Detector: | Peak |
| Sweep time: | Auto |
| Resolution bandwidth: | 3 kHz |
| Video bandwidth: | 10 kHz |
| Span: | 200 kHz |
| Trace-Mode: | Max-Hold |

Limits:

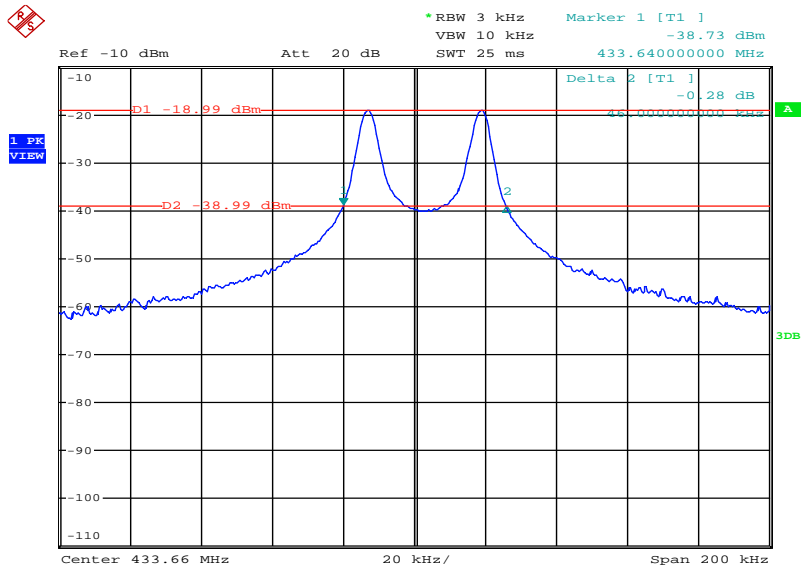
| FCC | IC |
|--|----|
| Emission bandwidth | |
| The OBW shall not be wider than 0.25% of the centre frequency, here maximum 787.5 kHz. | |

Result:

| Emission bandwidth [kHz] | | |
|--------------------------------|-----------|-----------|
| Frequency | Channel 1 | Channel 2 |
| 20 dB bandwidth | 46.0 | 46.0 |
| 99 % bandwidth | 47.6 | 48.4 |
| Measurement uncertainty: ± RBW | | |

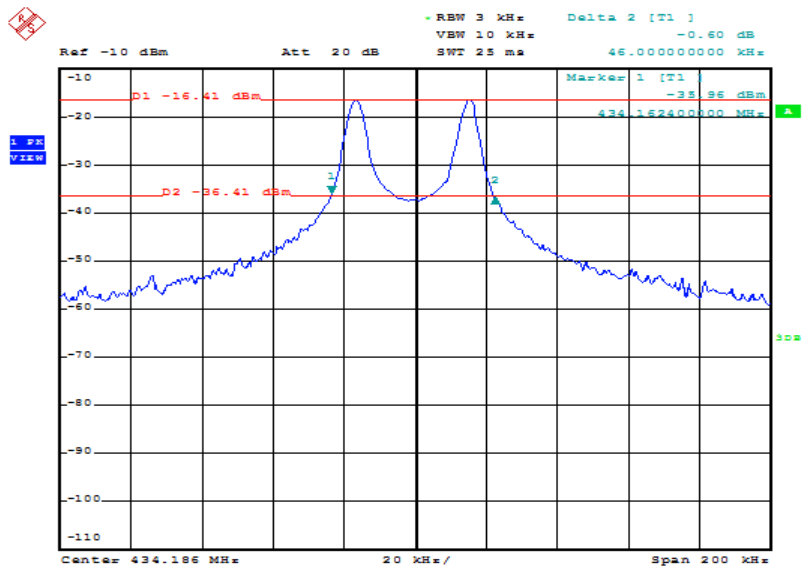
Verdict: Passed.

Plot 1: (20dB BW, Channel 1)



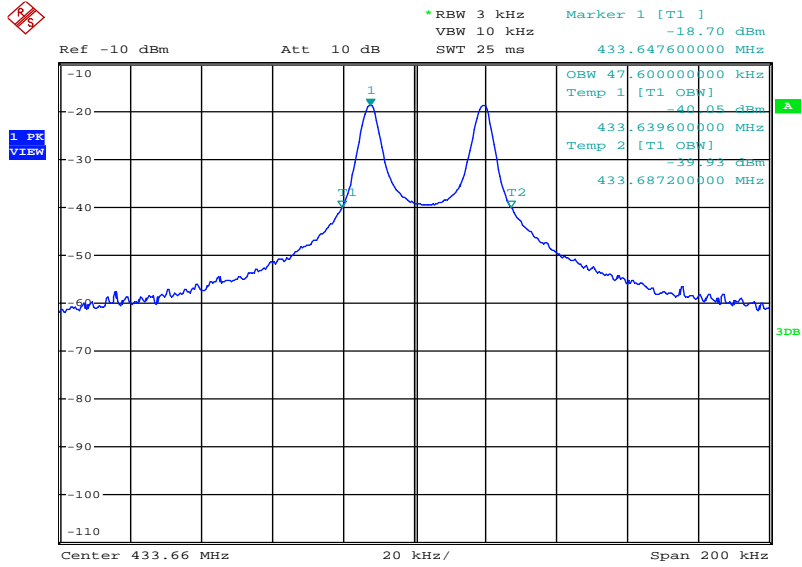
Date: 18.DEC.2014 13:12:42

Plot 2: (20dB BW, Channel 2)



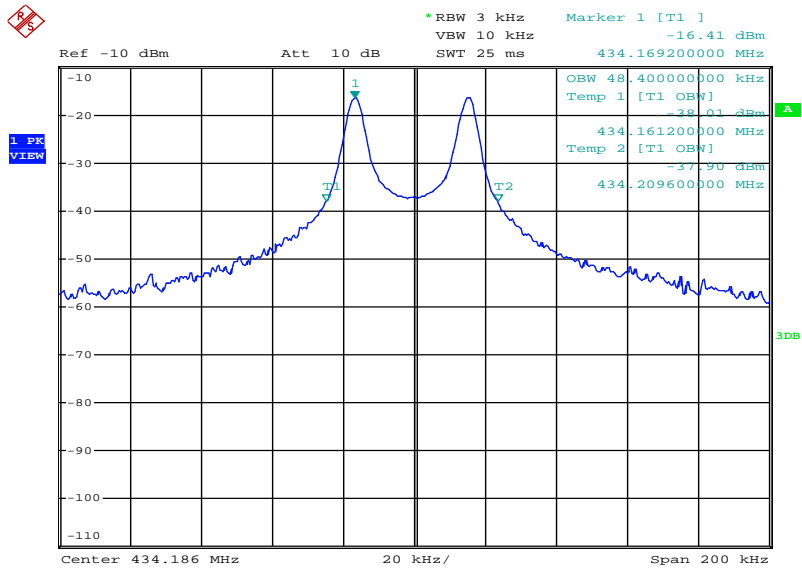
Date: 18.DEC.2014 13:08:23

Plot 3: (99% BW, Channel 1)



Date: 18.DEC.2014 13:13:45

Plot 4: (99% BW, Channel 2)



Date: 18.DEC.2014 13:06:57

9.4 Field strength of the fundamental

Measurement:

| Measurement parameter | |
|-----------------------|----------|
| Detector: | Peak |
| Sweep time: | Auto |
| Video bandwidth: | 120 kHz |
| Resolution bandwidth: | 300 kHz |
| Span: | See Plot |
| Trace-Mode: | Max-Hold |

Limits:

| FCC | | IC |
|---|---|--------------------------|
| Field strength of the fundamental. | | |
| In addition to the provisions of Section 15.205, the field strength of emissions from intentional radiators operated under this Section shall not exceed the following: | | |
| Fundamental Frequency (MHz) | Field strength of Fundamental ($\mu\text{V/m}$) | Measurement distance (m) |
| 40.66 – 40.70 | 2,250 | 3 |
| 70-130 | 1,250 | 3 |
| 130-174 | 1,250 to 3,750 | 3 |
| 174-260 | 3,750 | 3 |
| 260-470 | 3,750 to 12,500 | 3 |
| Above 470 | 12,500 | 3 |

Where F is the frequency in MHz, the formulas for calculating the maximum permitted fundamental field strengths are as follows:

- for the band 130-174 MHz, $\mu\text{V/m}$ at 3 meters = $56.81818(F) - 6136.3636$;
- for the band 260-470 MHz, $\mu\text{V/m}$ at 3 meters = $41.6667(F) - 7083.3333$.

Result:

| TEST CONDITIONS | | MAXIMUM POWER (dB μ V/m at 3 m distance) | |
|---------------------------------------|---------------------------|--|---------|
| Frequency | | MHz | MHz |
| Mode | | Peak | Average |
| Channel 1 T _{nom} = 20 °C | V _{nom} = 3 V DC | 82.8 | 70.4 |
| Channel 2 T _{nom} = 20 °C | V _{nom} = 3 V DC | 82.9 | 70.5 |
| Measurement uncertainty | | ±3dB | |

*Value recalculated from Peak-to-Average correction factor described in 9.1

Verdict: Passed.

9.5 Field strength of the harmonics and spurious

Measurement:

| Measurement parameter | |
|-----------------------|-----------------------|
| Detector: | Average / Quasi Peak |
| Sweep time: | Auto |
| Resolution bandwidth: | 9kHz / 120kHz / 1MHz |
| Video bandwidth: | 30kHz / 300kHz / 3MHz |
| Span: | See plots |
| Trace-Mode: | Max-Hold |

Limits:

| FCC | | IC | |
|---|-----------------------------------|--------------------------|--|
| Field strength of the fundamental. | | | |
| In addition to the provisions of Section 15.205, the field strength of emissions from intentional radiators operated under this Section shall not exceed the following: | | | |
| Fundamental Frequency (MHz) | Field strength of spurious (µV/m) | Measurement distance (m) | |
| 40.66 – 40.70 | 225 | 3 | |
| 70-130 | 125 | 3 | |
| 130-174 | 125 to 375 | 3 | |
| 174-260 | 375 | 3 | |
| 260-470 | 375 to 1,250 | 3 | |
| Above 470 | 1,250 | 3 | |

The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in Section 15.209, whichever limit permits a higher field strength.

| FCC | | IC | |
|---|-----------------------|--------------------------|--|
| SUBCLAUSE § 15.209 | | | |
| Field strength of the harmonics and spurious. | | | |
| Frequency (MHz) | Field strength (µV/m) | Measurement distance (m) | |
| 0.009 – 0.490 | 2400/F(kHz) | 300 | |
| 0.490 – 1.705 | 24000/F(kHz) | 30 | |
| 1.705 – 30 | 30 | 30 | |
| 30 – 88 | 100 | 3 | |
| 88 – 216 | 150 | 3 | |
| 216 – 960 | 200 | 3 | |
| above 960 | 500 | 3 | |

Results:

Channel 1

| EMISSION LIMITATIONS | | | | |
|----------------------|----------|-----------------------------------|--------------------------------------|---------|
| f [MHz] | Detector | Limit max. allowed [dB μ V/m] | Amplitude of emission [dB μ V/m] | Results |
| 1301 | Average* | 54 | 43 | Passed |
| 3903 | Average* | 54 | 39 | Passed |
| 4770 | Average* | 54 | 44 | Passed |
| -/- | -/- | -/- | -/- | -/- |

*Since the measured Peak value is below the Average limit no duty cycle correction has been performed.

Channel 2

| EMISSION LIMITATIONS | | | | |
|----------------------|----------|-----------------------------------|--------------------------------------|----------|
| f [MHz] | Detector | Limit max. allowed [dB μ V/m] | Amplitude of emission [dB μ V/m] | Results |
| 868 | QP | 36 | 35 | Passed** |
| 1302 | Average* | 54 | 39 | Passed |
| 3907 | Average* | 54 | 40 | Passed |
| 4342 | Average* | 54 | 37 | Passed |
| 4776 | Average* | 54 | 43 | Passed |
| -/- | -/- | -/- | -/- | -/- |

*Since the measured Peak value is below the Average limit no duty cycle correction has been performed.

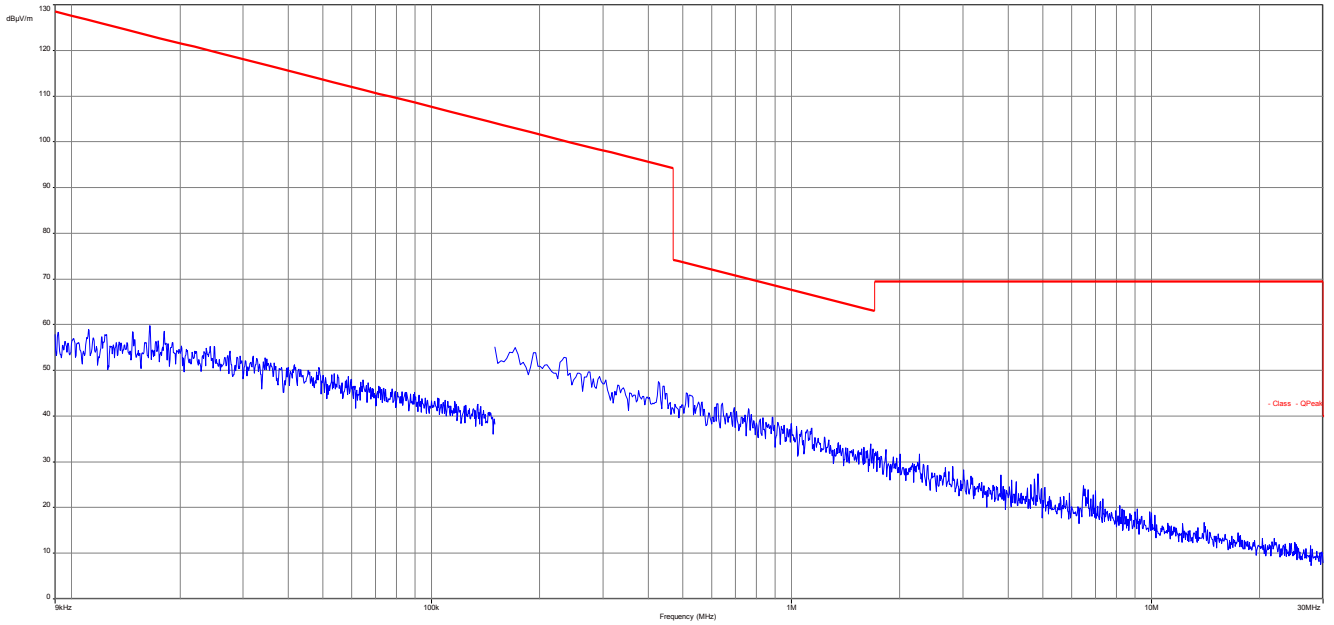
** Measured with EUT in continuous transmission (Duty Cycle 100%) to represent worst case scenario. In normal-mode the duty cycle is less than 30% (see 9.1).

Verdict: **Passed**

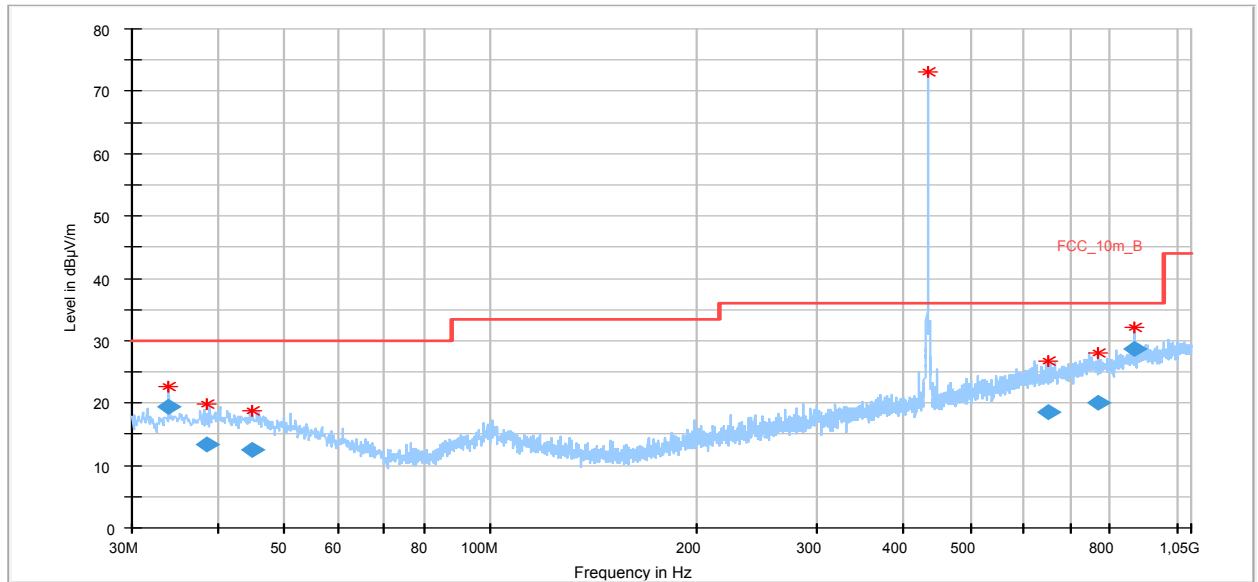
Note: The limit was recalculated with 20 dB / decade (Part 15.31) for all radiated spurious emissions 30 MHz to 1 GHz from 3 meter limit to a 10 meter distance. (40dB/decade for emissions < 30MHz)

Plots of the measurements (Channel 1)

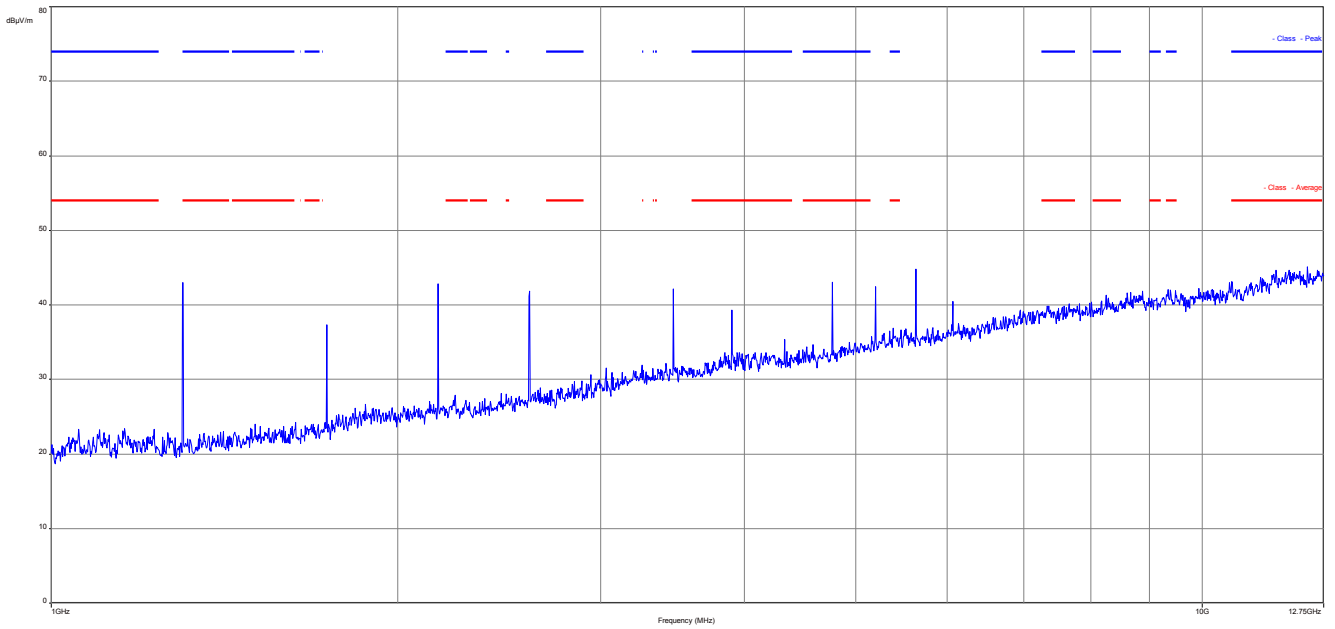
Plot 1: 9 kHz – 30 MHz;
Part 15.209 Magnetics, Measurement distance 3m



Plot 2: 30 MHz – 1000 MHz

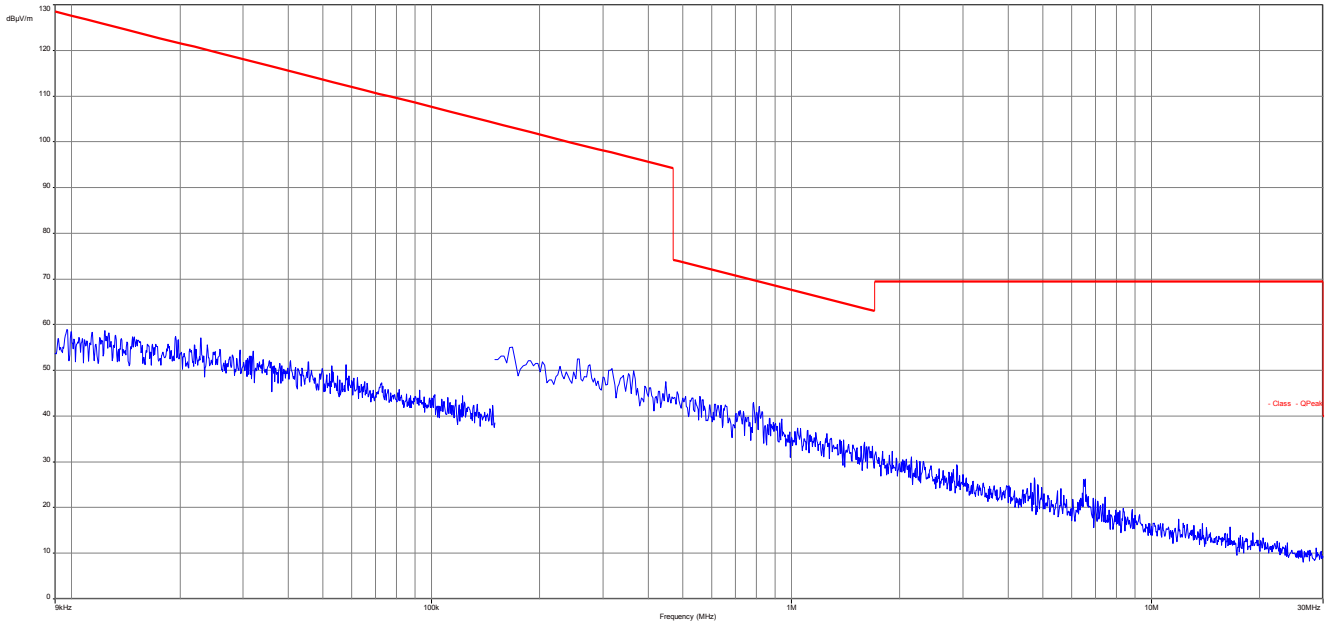


Plot 3: 1000 MHz – 4000 MHz

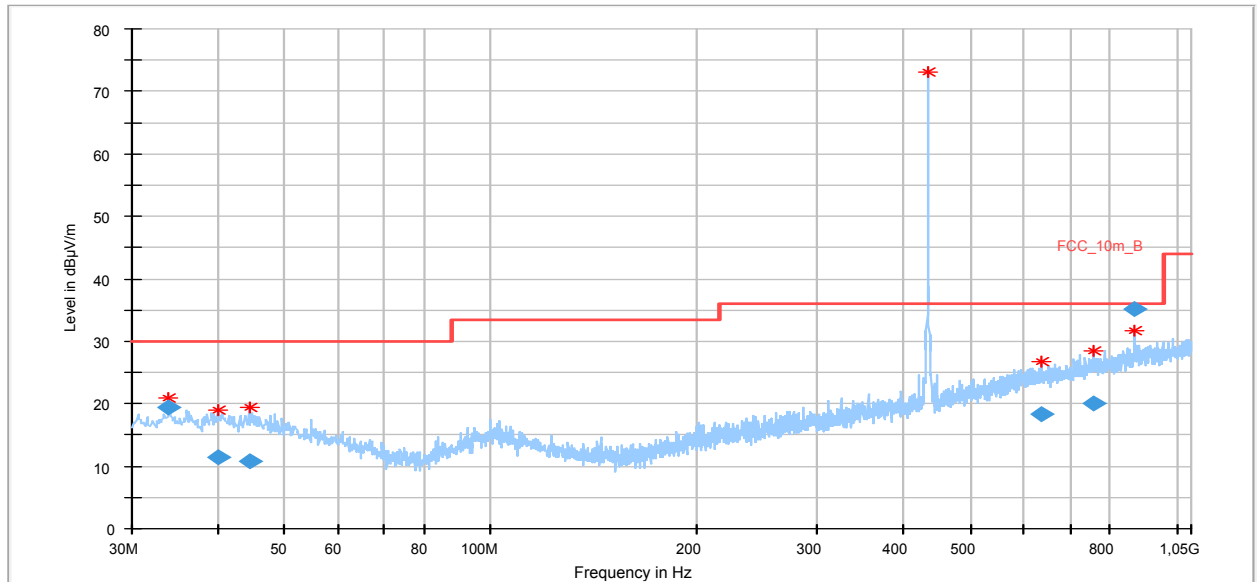


Plots of the measurements (Channel 2)

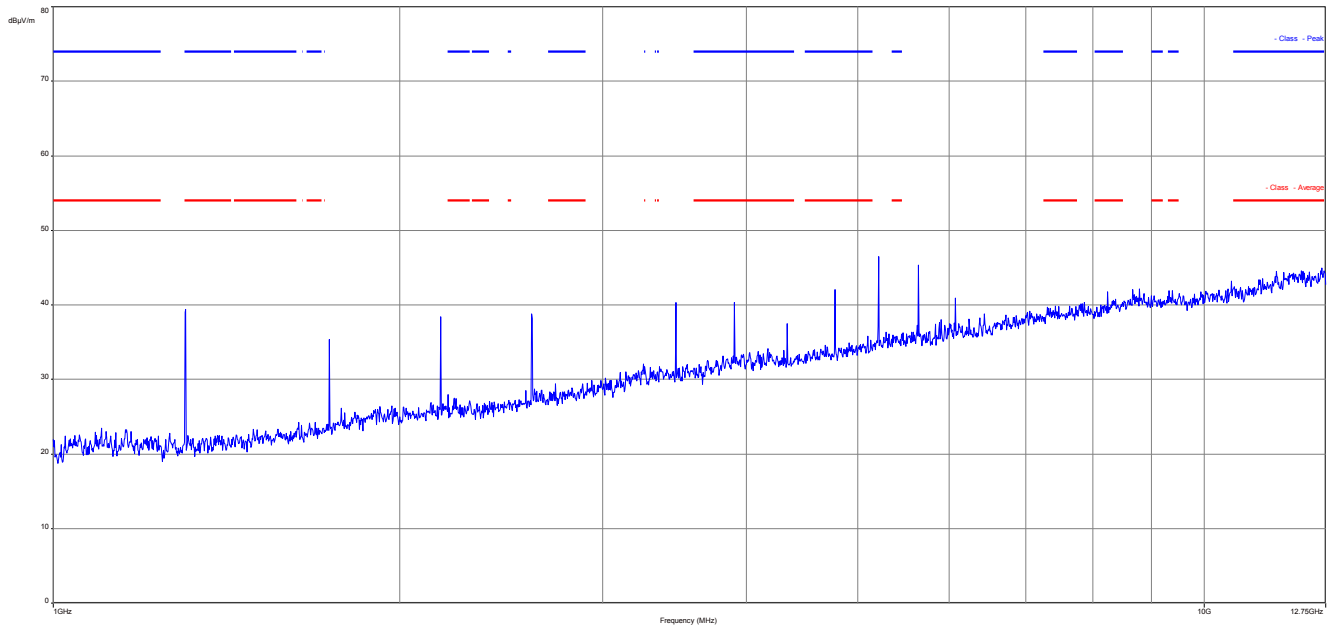
Plot 1: 9 kHz – 30 MHz;
Part 15.209 Magnetics, Measurement distance 3m



Plot 2: 30 MHz – 1000 MHz



Plot 3: 1000 MHz – 4000 MHz



10 Test equipment and ancillaries used for tests

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 signaling equipment as well as measuring receivers and analyzers are connected to an external high-precision 10 MHz reference (GPS-based or rubidium frequency standard).

In order to simplify the identification of the equipment used at some special tests, some items of test equipment and ancillaries can be provided with an identifier or number in the equipment list below (Lab/Item).

| No. | Lab / Item | Equipment | Type | Manufact. | Serial No. | INV. No Cetecom | Kind of Calibration | Last Calibration | Next Calibration |
|-----|------------|---|---------------------|----------------------|------------|-----------------|---------------------|------------------|------------------|
| 1 | n. a. | EMI Test Receiver 9 kHz – 3 GHz incl. Preselector | ESPI3 | R&S | 101713 | 300004059 | k | 24.01.2014 | 24.01.2015 |
| 2 | 45 | Switch-Unit | 3488A | HP Meßtechnik | 2719A14505 | 300000368 | g | | |
| 3 | n. a. | EMI Test Receiver | ESCI 3 | R&S | 100083 | 300003312 | k | 27.01.2014 | 27.01.2015 |
| 4 | n. a. | Antenna Tower | Model 2175 | ETS-LINDGREN | 64762 | 300003745 | izw | | |
| 5 | n. a. | Positioning Controller | Model 2090 | ETS-LINDGREN | 64672 | 300003746 | izw | | |
| 6 | n. a. | Turntable Interface-Box | Model 105637 | ETS-LINDGREN | 44583 | 300003747 | izw | | |
| 7 | n. a. | TRILOG Broadband Test-Antenna 30 MHz – 3 GHz | VULB9163 | Schwarzbeck | 295 | 300003787 | k | 22.04.2014 | 22.04.2016 |
| 8 | n. a. | Double-Ridged Waveguide Horn Antenna 1-18.0GHz | 3115 | EMCO | 8812-3088 | 300001032 | vIKI! | 08.05.2013 | 08.05.2015 |
| 9 | n. a. | Anechoic chamber | FAC 3/5m | MWB / TDK | 87400/02 | 300000996 | ev | | |
| 10 | n. a. | Switch / Control Unit | 3488A | HP Meßtechnik | * | 300000199 | ne | | |
| 11 | n. a. | Amplifier | js42-00502650-28-5a | Parzich GMBH | 928979 | 300003143 | ne | | |
| 12 | n. a. | MXE EMI Receiver 20 Hz bis 26,5 GHz | N9038A | Agilent Technologies | MY51210197 | 300004405 | k | 13.03.2014 | 13.03.2015 |
| 13 | n. a. | 4U RF Switch Platform | L4491A | Agilent Technologies | MY50000037 | 300004509 | ne | | |

Agenda: Kind of Calibration

| | | | |
|-------|--|-----|--|
| k | calibration / calibrated | EK | limited calibration |
| ne | not required (k, ev, izw, zw not required) | zw | cyclical maintenance (external cyclical maintenance) |
| ev | periodic self verification | izw | internal cyclical maintenance |
| Ve | long-term stability recognized | g | blocked for accredited testing |
| vIKI! | Attention: extended calibration interval | * | next calibration ordered / currently in progress |
| NK! | Attention: not calibrated | | |

11 Observations

No observations except those reported with the single test cases have been made.

Annex A Document history

| Version | Applied changes | Date of release |
|---------|----------------------|-----------------|
| | Initial release | 2015-01-13 |
| -A | FCC ID corrected | 2015-01-21 |
| -B | Model name corrected | 2015-01-26 |

Annex B Further information**Glossary**

| | | |
|----------|---|--|
| AVG | - | Average |
| DUT | - | Device under test |
| EMC | - | Electromagnetic Compatibility |
| EN | - | European Standard |
| EUT | - | Equipment under test |
| ETSI | - | European Telecommunications Standard Institute |
| FCC | - | Federal Communication Commission |
| FCC ID | - | Company Identifier at FCC |
| HW | - | Hardware |
| IC | - | Industry Canada |
| Inv. No. | - | Inventory number |
| N/A | - | Not applicable |
| PP | - | Positive peak |
| QP | - | Quasi peak |
| S/N | - | Serial number |
| SW | - | Software |

Annex C Accreditation Certificate

Front side of certificate

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Deutsche Akkreditierungsstelle GmbH

Befähigung gemäß § 8 Absatz 1 AkkStelleG i.V.m. § 1 Absatz 1 AkkStelleGBV
 Unterzeichnerin der Multilateralen Abkommen
 von EA, ILAC und IAF zur gegenseitigen Anerkennung

Akkreditierung



Die Deutsche Akkreditierungsstelle GmbH bestätigt hiermit, dass das Prüflaboratorium

CETECOM ICT Services GmbH
 Untertürkheimer Straße 6-10, 66117 Saarbrücken

die Kompetenz nach DIN EN ISO/IEC 17025:2005 besitzt, Prüfungen in folgenden Bereichen durchzuführen:

- Draktkabundene Kommunikation einschließlich xDSL
- VoIP und DECT
- Akustik
- Funk einschließlich WLAN
- Short Range Devices (SRD)
- RFID
- WiMax und Richtfunk
- Mobilfunk (GSM / DCS, Over the Air (OTA) Performance)
- Elektromagnetische Verträglichkeit (EMV) einschließlich Automotive
- Produktsicherheit
- SAR and Hearing Aid Compatibility (HAC)
- Umweltsimulation
- Smart Card Terminals
- Bluetooth
- Wi-Fi-Services

Die Akkreditierungsurkunde gilt nur in Verbindung mit dem Bescheid vom 07.02.2014 mit der Akkreditierungsnummer D-PL-12076-01 und ist gültig 17.01.2018. Sie besteht aus diesem Deckblatt, der Rückseite des Deckblatts und der folgenden Anlage mit insgesamt 77 Seiten.

Registrierungsnummer der Urkunde: D-PL-12076-01-00

Frankfurt am Main, 07.02.2014

[Signature]
 In Auftrag gegeben von: M. Wagner
 Akkreditierungsstelle

Seite 10 von 10 von der Urkunde

Deutsche Akkreditierungsstelle GmbH

- Standort Berlin
Spittelmarkt 10
10117 Berlin
- Standort Frankfurt am Main
Gartenstraße 6
60504 Frankfurt am Main
- Standort Braunschweig
Bundesallee 100
38115 Braunschweig

Die auszugsweise Veröffentlichung der Akkreditierungsurkunde bedarf der vorherigen schriftlichen Zustimmung der Deutsche Akkreditierungsstelle GmbH (DAkkS). Ausgenommen davon ist die separate Weiterverbreitung des Deckblattes durch die umseitig genannte Kontaktperson/Ansprechperson in unveränderter Form.

Es darf nicht der Anschein erweckt werden, dass sich die Akkreditierung auch auf Bereiche erstreckt, die über den durch die DAkkS bestätigten Akkreditierungsbereich hinausgehen.

Die Akkreditierung erfolgte gemäß des Gesetzes über die Akkreditierungsstelle (AkkStelleG) vom 31. Juli 2005 (BGBl. I S. 2625) sowie der Verordnung (EG) Nr. 765/2008 des Europäischen Parlaments und des Rates vom 9. Juli 2008 über die Vorschriften für die Akkreditierung und Marktüberwachung im Zusammenhang mit der Vermarktung von Produkten (Abk. L 218 vom 9. Juli 2008, S. 30). Die DAkkS ist Unterzeichnerin der Multilateralen Abkommen zur gegenseitigen Anerkennung der Europäischen Organisation für Akkreditierung (EA), des Internationalen Accreditation Forum (IAF) und der International Laboratory Accreditation Cooperation (ILAC). Die Unterzeichner dieser Abkommen erkennen ihre Akkreditierungen gegenseitig an.

Der aktuelle Stand der Mitgliedschaft kann folgenden Webseiten entnommen werden:
 EA: www.european-accreditation.org
 IAF: www.iaf.org
 ILAC: www.ilac.org

Note:

The current certificate including annex is published on our website (see link below) or may be received from CETECOM ICT Services on request.

<http://www.cetecom.com/eu/de/cetecom-group/europa/deutschland-saarbruecken/akkreditierungen.html>