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Test report no.: 2-4465-01-02/06 Date: 2006-10-23 Page 1 of 28

Recognized by the Federal Communications Commission noic chamber registration no.: 90462 (FC)

Commission

Anechoic chamber registration no.: 90462 (FCC) Anechoic chamber registration no.: 3463 (IC)

TCB ID: DE 0001

Federal
Communications

Accredited by the German Accreditation Council DAR–Registration Number



Independent ETSI compliance test house



Accredited Bluetooth® Test Facility (BQTF)

Test report no. : 2-4465-01-02/06

Applicant : Kathrein-Austria Ges.m.b.H

Type : RFID Reader Test Standard : FCC Part 15.225

RSS-210 Issue 6

FCC ID : US2 06LAN1FCC Certification No. IC : 5530B-06LAN1IC

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ANNEX 1: TECHNICAL PRODUCT DESCRIPTION

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1. Administrative data

1.1. Administrative data of the test facility

1.1.1 Identification of the testing laboratory

Company name: Cetecom ICT Services GmbH

Address: Untertürkheimerstr. 6-10

D-66117 Saarbruecken

Germany

Laboratory accreditation: DAR-Registration No. DAT-P-176/94-D1

Bluetooth Qualification Test Facility (BQTF)

Responsible for testing laboratory: Michael Berg

Phone: +49 681 598 0 Fax: +49 681 598 9075 email: info@ict.cetecom.de

Responsible for testing (Jakob Reschke)

1.1.2 Organizational items

Reference No.: 2-4465-01-02/06

 Receipt of EUT:
 2006-10-19

 Date(s) of test:
 2006-10-19

 Date of report:
 2006-10-23

Number of report pages: 28

Version of template: 1.8

Responsible for laboratory (Michael Berg)

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Note:

The test results of this test report relate exclusively to the item tested as specified in this report. The 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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During the test no hardware and software changes are allowed to be performed at the EUT.

1.1.3 Applicant's details

Applicant's name:

Address:

Prof.-Dr.-Anton-Kathrein-Straße 1
6342 Niederndorf
Österreich

Contact person:

Christian Agerer
Tel.: +43 (0) 5372 64363 275
Fax.: +43 (0) 5372 64363 5 275
Email.: christian.agerer@kathrein-austria.at

1.2 Administrative data of manufacturer / member

Manufacturer's name:	Kathrein Austria Ges.m.b.H	
Address:	ProfDrAnton-Kathrein-Straße 1	
	6342 Niederndorf	
	Österreich	

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1.3 Description of the Equipment under test (EUT)

1.3.1 EUT: Type, S/N etc.

Type of equipment : RFID Reader Model name : RFID Reader

Manufacturer : Kathrein Austria Ges.m.b.H
Address : Prof.-Dr.-Anton-Kathrein-Straße 1

City : 6342 Niederndorf

Country : Österreich
Tested to Radio Standards Specification(RSS) No. : 210 Issue 6
Open Area Test Site Industry Canada Number : 3463

Open Area Test Site industry Canada Number . 5405

Frequency Range (or fixed frequency) : Tx: 13.56 MHz Rx: 13.56 MHz

Field Strength (at what distance) : $72.0 \text{ dB}\mu\text{V/m}$ in 10m

Occupied Bandwidth (99% BW) : 1Hz

Type of Modulation : 1H00N0N

Antenna Information : Printed loop antenna

Transmitter Spurious (worst case) : $97.7 \mu V/m (39.8 dB \mu V7m)$ in 3m at 54 MHz

Receiver Spurious (worst case) : Not applicable
IC no. : 5530B-06LAN1IC
FCC ID : US2 06LAN1FCC

ATTESTATION:

DECLARATION OF COMPLIANCE: I declare 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:

2006-10-23 Jakob Reschke

Date Name Signature

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1.4 Test Setup

Hardware : -.-Software : -.-

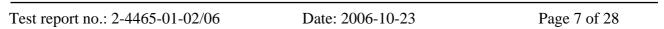
1.5 Test Specifications

FCC: CFR Part 15.209, 15.225

IC: RSS 210, Issue 6

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2 Statement of Compliance

No deviations from the technical specification(s) were ascertained in the course of the tests performed.

2.1 Summary of Measurement Results

2.1.1 CFR 47 Part 15 Radio frequency devices

Section in this Report	Test Name / Section FCC Part 15	Test Name / Section RSS 210 Issue 6	applicable	Verdict
4.1	§ 15.35 (c) Timing of the transmitter (Duty cycle correction factor)		NO	
4.2	§ 15.225 (a)(b)(d) FIELDSTRENGTH OF FUNDAMENTAL	Annex 2.6	YES	pass
4.3	§ 15.209 (a) FIELDSTRENGTH OF HARMONICS and SPURIOUS	Annex 2.6	YES	pass
4.4	§ 15.109 Receiver spurious emissions (radiated)		NO	
4.5	§ 15.107 / 15.207 Conducted Limits		YES	pass
4.6	§ 15.225 (e) Frquency tolerance	Annex 2.6	YES	pass

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3 Measurements and results

The radiated measurements are performed in vertical and horizontal plane in the frequency range from 9 kHz to 20 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 conform 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 set-ups 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 conform with ANSI C63.2-1996 item 15.

150 kHz - 30 MHz: Quasi Peak measurement, 9kHz Bandwidth, passive loop antenna.

30 MHz - 200 MHz: Quasi Peak measurement, 120KHz Bandwidth, biconical antenna 200MHz - 1GHz: Quasi Peak measurement, 120KHz Bandwidth, log periodic antenna

>1GHz: Average, RBW 1MHz, VBW 10 Hz, wave guide horn

All measurement settings are according to FCC 15.209 and 15.207

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4 FCC Part 15 Subpart C

4.1 Timing of the transmitter

Not applicable

Reference

FCC: CFR Part SUBCLAUSE § 15.35 (c)

IC: RSS 210

Measurement not applicable, transmitter is continous modulated (N0N)

Limits: § 15.35 (c)

(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.

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4.2 Field strength of the fundamental

Reference

FCC: CFR Part SUBCLAUSE § 15.225
IC: RSS 210, Issue 6, Annex 2.6

Maximum output power (quasi peak) - (radiated) measured at 10m distance

TEST CONDITIONS		MAXIMUM POWER (dBµV/m) Measured at 10m distance		
Frequ	uency		13.56	Recalculated
			MHz	to30 m
T _{nom} +21 °C	V _{nom} 110V AC		72 dBμV/m at 10m	52.0 dBμV/m at 30m
Maximum deviation from output power under extreme test conditions (dBc)			not applicable	
Measurement uncertainty			±3dB	

RBW/VBW: 200 Hz up to 150 kHz, 9 kHz up to 30 MHz, 120 kHz up to 1 GHz

Limits SUBCLAUSE § 15.225 (a)

Fundamental Frequency	Field strength of	Measurement Distance
(MHz)	Fundamental ($\mu V/m$)	(meters)
13.553 – 13.567	$15,848\mu V/m (84 dB\mu V/m)$	30

Limits

SUBCLAUSE § 15.209 (a)

Fundamental Frequency	Field strength of	Measurement Distance
(MHz)	Fundamental ($\mu V/m$)	(meters)
0.009 - 0.490	2400 / F (kHz)	300
0.490 - 1.705	24000 / F (kHz)	30
1.705 - 30.0	30	30
30.0 - 88.0	100	3
88 – 216	150	3
216 – 960	200	3
Above 960	500	3

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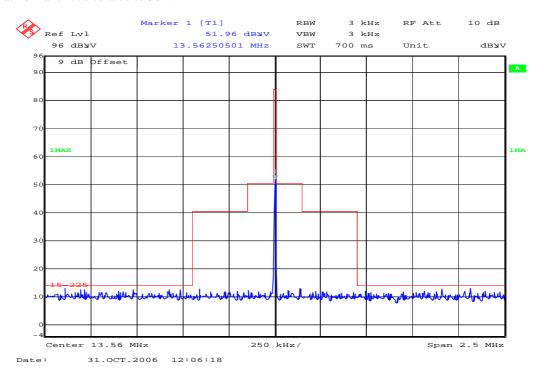
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Fax: -9075

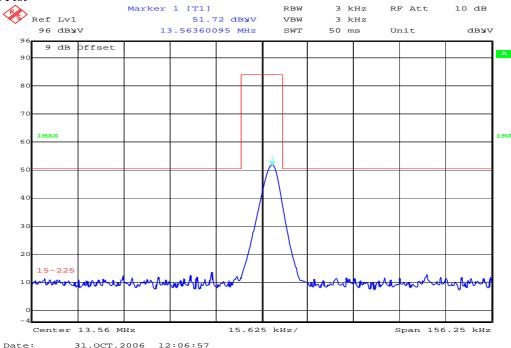
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measured at 10m and recalculated to 30m.



Zoom of the Plot



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4.3 Field strength of the harmonics and the spurious

Reference

FCC: CFR Part SUBCLAUSE § 15.209 (a) and § 15.225 (a)

IC: RSS 210, Issue 6, Annex 2.6

	EMISSION LIMITATIONS						
f amplitude of emission (MHz) (dBµV/m)		emission	$\begin{array}{c} limit\\ max. \ allowed \ emmision \end{array}$ $(dB\mu V/m)$	actual attenuation below frequency of operation	results		
		Average/QP	(αΒμ Ψ/ΠΙ)	(dB)			
13.56		72.0 QP	104 @10m		Operating frequency		
27.12		44.3 QP	49.5 @10m	34.5	Pass		
50.37		39.5 QP	40.0 @3m	33.5	Pass		
54.46		39.8 QP	40.0 @3m	33.2	Pass		
92.34		31.0 QP	43.0 @3m	41.0	Pass		
103.32		33.2 QP	43.0 @3m	38.8	Pass		
109.03		35.5 QP	43.0 @3m	36.5	Pass		
Measurement uncertainty				± 3dB			

RBW/VBW: 200 Hz up to 150 kHz, 9 kHz up to 30 MHz, 120 kHz up to 1 GHz

Limits SUBCLAUSE § 15.225 (a)

Fundamental Frequency	Field strength of	Measurement Distance	
(MHz)	Fundamental (µV/m)	(meters)	
13.553 – 13.567	15,848	30	

Limits SUBCLAUSE § 15.209 (a)

Fundamental Frequency	Field strength of	Measurement Distance
(MHz)	Fundamental (µV/m)	(meters)
0.009 - 0.490	2400 / F (kHz)	300
0.490 - 1.705	24000 / F (kHz)	30
1.705 - 30.0	30	30
30.0 - 88.0	100	3
88 – 216	150	3
216 – 960	200	3
Above 960	500	3

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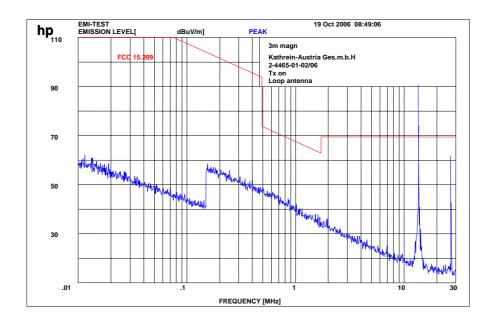


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Plots of measurements

Plot 1:

Part 15.209 Magnetics TX



RBW/VBW: 200 Hz up to 150 kHz, 9 kHz up to 30 MHz

Measurement distance 3 m

This measurement was done in 3 planes, the plot shows the worst case ase

Performed in a fully anechoic chamber at 3m to get an overview about radiated emissions.

This values may have some errors because of the small distance between measuring antenna and sample.

Therefore we remeasured all found peaks at 10m. (see page 12)

(to convert the measuring distance from 10m to 30m and 30 to 300m a correction factor from 40 dB/decade was used. Here we use 80 dB to recalculate from 3m to 300m, 20 dB from 10m to 30m and 40 dB from 3m to 30m)

Limits

SUBCLAUSE § 15.209

Frequency (MHz)	Field strength (µV/m)	Measurement distance (m)
0.0009 - 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

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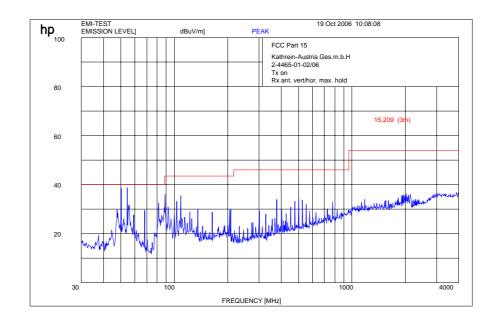
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Plot 2:

TX (30 MHz to 4 GHz)



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4.4 Receiver spurious emission (radiated)

Not applicable

Reference

FCC: CFR Part SUBCLAUSE § 15.109

IC: RSS 210, Issue 6, Section 7.3 Receiver Spurious Emissions (Radiated)

	SPURIOUS EMISSIONS LEVEL (μV/m)							
Low Channel		Middle Channel		High Channel				
MHz				MHz			MHz	
F [MHz]	Detector	Level [μV/m]	F [MHz]	Detector	Level [µV/m]	F [MHz]	Detector	Level [μV/m]
Measurement uncertainty			±3 dB					

f < 1 GHz: RBW/VBW: 100 kHz $f \ge 1 \text{GHz}: RBW/VBW: 1 \text{ MHz}$

Limits SUBCLAUSE § 15.109

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3

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4.5 Conducted Limits

Reference

FCC: CFR Part 15.207, 15.107

IC: RSS 210, Issue 6, Section 6.6, 7.4

EUT: RFID Reader

Manufacturer: Kathrein-Austria Ges.m.b.H.

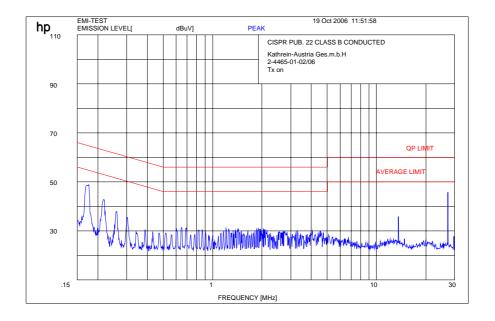
Operating Condition: Transmitting Mode

Test Site: CETECOM ICT Services Room 006

Operator: RES

Test Specification: EN 55022 / CISPR 22

Power Supply: 110 V AC



Limits: § 15.107 / 15.207

Frequency of Emission (MHz)	Conducted Limit (dBµV)				
	Quasi-peak	Average			
0.15 - 0.5	66 to 56 *	56 to 46 *			
0.5 - 5	56	46			
5 - 30	60	50			

^{*} Decreases with the logarithm of the frequency

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4.6 Frequency tolerance

Reference

FCC: CFR Part 15.225 (e)

Voltage	Temperature	Frequency error (kHz)			
		13.562 MHz			
110 V	23 °C	+0.56			
126.5 V	-20 °C	+0,26			
93.5 V -20 °C		+0.26			
126.5 V	+50 °C	+0.54			
93.5 V	+50 °C	+0.53			
Maxim	um allowed	1.356 kHz			

Limits: § 15.225 (e)

The frequency tolerance of the carrier signal shall be maintained within \pm 0.01% of operating frequency over a temperature variation of -20 degrees to \pm 50 degrees C at normal supply voltage, and for a variation in the pirmary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

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5 Used Testequipment

No.	Instrument/ Ancillary	Manufacturer	Туре	Serial-No.	Internal ID No.		
	Anechoic chamber				1100		
1.	Anechoic chamber	MWB		87400/02	300000996		
2.	Bi conical antenna	EMCO	3104C	9909-4868	300002590		
3.	Log. Per. antenna	EMCO	3146	2130	300001603		
4.	Double ridge horn	EMCO	3115P	3088	300001032		
5.	Active loop antenna	EMCO	6502	2210	300001015		
6.	Loop antenna	Rohde & Schwarz	HFH2-Z2	891847-35	300001169		
7.	Spectrum analyzer	Hewlett-Packard	8566B	2747A05306	300001000		
8.	Spectrum analyzer display	Hewlett-Packard	85662A	2816A16541	300002297		
9.	Quasi peak adapter	Hewlett-Packard	85650A	2811A01131	300000999		
10.	RF pre selector	Hewlett-Packard	85685A	2833A00768	400000081		
11.	Workstation	Hewlett-Packard	Vectra VL		300001688		
12.	Software	Hewlett-Packard	EMI Halle C		300000983		
13.	Power attenuator	Byrd	8325	1530	300001595		
14.	Band reject filter	Wainwright	WRCG1855/1910	7	300003350		
15.	Band reject filter	Wainwright	WRCG2400/2483		300003351		
16.	Power supply unit	Hewlett-Packard	6032A	2818A03450	300001040		
17.	Universal communication tester	Rohde & Schwarz	CMU 200	103992	300003231		
	Laboratories Short						
18.	Amplifier	Parzich GMBH	js42-00502650- 28-5a	928979	300003143		
19.	Analog-/Digital multi- meter		DF-971A	438309, 438320, 438361	40000082		
20.	Audio Analyzer 2Hz - 300 kHz	Rohde & Schwarz	UPD	841074/009	300001236		
21.	Bit error analyzer	Hewlett-Packard	37732A	3606U03073	300001446		
22.	Communication tester	Rohde & Schwarz	CMD55	831050/082	300003018		
23.	Communication test Set	Schlumberger	4040	1725117	300001387		
24.	Directional coupler	Amplifier Research	DC 3010	12709	300001226		
25.	Directional coupler	EMV	DC3010	12306	300001429		
26.	Field strength meter (Near field probe)	EMCO	7405	9202-2150	300001203		
27.	Frequency Counter	Hewlett-Packard	5386A	2704A01243	300000998		
28.	Climatic chamber	Heraeus Voetsch	VT 4002	5,8566E+13	300003019		
29.	Climatic chamber	Heraeus Voetsch	VT 4002	521/83761	300002326		
30.	Power sensor	Hewlett-Packard	8484A	2237A10156	300001140		
31.	Power sensor	Hewlett-Packard	8482A	2237A06016	300001139		
32. 33.	Power sensor	Hewlett-Packard	8484A 8482A	2237A10494	300001666		
	Power sensor	Hewlett-Packard		1925A04674	300001667		
34. 35.	Power sensor	Hewlett-Packard Hewlett-Packard	8485A 8482A	2238A00849 2237A06009	300001668 300001267		
36.	Power sensor Power sensor	Hewlett-Packard	8482B	2703A02586	300001267		
37.	(attenuator) Local Oscillator	Hewlett-Packard	70900A	2842A02221	300002019		
38.	Measurement Receiver	Rohde & Schwarz	ESH 2	871921/095	300002019		
39.	Multi-meter (Hand)	Siemens	Multizet	0/1/21/073	300002303		
40.	Multi-meter (Hand)	Goerz	6EP		300001102		
41.	Multi-meter (Hand)	MetraWatt	MA4S		300001740		
42.	Multi-meter digital	Rohde & Schwarz	UDS 5	872677/042	300001740		
43.	Power supply	Hewlett-Packard	6038A	3122A11097	300001323		
44.	Power supply	Hewlett-Packard	6038A	2848A07027	300001204		
45.	Power supply	Zentro	2X30V	2007	300001174		
46.	Power supply	Hewlett-Packard	6038A	2752A04866	300001161		
47.	Power supply	Heiden	1108-32	1701	300001101		
			1108-32	1802		 	
48.	Power supply	Heiden	11108-32	1802	300001383		

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No.	Instrument/	Manufacturer	Туре	Serial-No.	Internal ID		
	Ancillary				No.		
50. 51.	Power supply	Zentro Systron	LA 2x30/5GB2 M5P 40/15A	2012 828233	300001275 300001291		
52.	Power supply V-network AC	Rohde &	ESH3-Z5	828576/020	300001291		
32.	V-lietwork AC	Schwarz	E3113-Z3	828370/020	300001210		
53.	Oscilloscope	Hewlett-Packard	54502A	2934A01917	300001374		-
54.	Power meter	Hewlett-Packard	436A	2101A12378	300001136		
55.	Power meter	Hewlett-Packard	436A	2031U01461	300001105		
56.	Precision – frequency – reference	Hewlett-Packard	70310A	2736A00707	300002018		
57.	Radio communication analyzer	Rohde & Schwarz	CMTA 54	894043/010	300001175		
58.	Radio communication analyzer	Rohde & Schwarz	CMTA 84	894199/012	300001176		
59.	Radio communication analyzer	Rohde & Schwarz	CMTA 84	894581/013	300001355		
60.	Signal generator	Hewlett-Packard	8111A	2215G00867	300001117		
61.	Signal generator	Rohde & Schwarz	SMPC	882416/019	300001162		
62.	Function signal generator	Rohde & Schwarz	AFGU	862490/032	300001201		
63.	Function signal generator	Rohde & Schwarz	APN-04	894326/014	300001184		
64.	Signal generator 0.01- 1280 MHz	Hewlett-Packard	8662A	2224A01012	300001110		
65.	Signal generator 0.01- 1280 MHz	Hewlett-Packard	8662A	2232A01038	300001264		
66.	Signal generator 0.1- 2000 MHz	Rohde & Schwarz	SMH	864219/033	300001410		
67.	Signal generator 0.1- 2000 MHz	Rohde & Schwarz	SMH	883909/010	300001183		
68.	Signal generator 0.1- 2060 MHz	Hewlett-Packard	8657A	2838U00736	300001009		
69.	Signal generator 0.1- 4200 MHz	Hewlett-Packard	8665A	2833A00109	300001177		
70.	Signal generator 0.1- 4200 MHz	Hewlett-Packard	8665A	2833A00112	300001373		
71.	Signal generator 0.1- 4320 MHz	Rohde & Schwarz	SMHU	2790575	300001404		
72.	Signal generator 0.1- 4320 MHz	Rohde & Schwarz	SMHU	894055/005	300001190		
73.	Signal generator DC- 600 KHz	Hewlett-Packard	8904A	2822A01213	300001157		
74.	Signal generator DC- 600 KHz	Hewlett-Packard	8904A	2822A01214	300001158		
75.	Signal generator DC- 600 KHz	Hewlett-Packard	8904A	2822A01203	300001367		
76.	Function signal generator	Rohde & Schwarz	APN 04	2273637	300001395		
77.	Signal generator NF	Rohde & Schwarz	SPN	880139/068	300001142		
78.		Rohde &					
	Spectrum Analyzer	Schwarz	FSiQ26	835111/0004	300002678		
79. 80.	Spectrum analyzer Spectrum analyzer	Hewlett-Packard Rohde &	71210A (70000) FSMS	2731A02347 826067/004	300000321 300001223		_
01	Cmaatmur1- 2	Schwarz	95660P	2120 4 07 (14	200001207		
81. 82.	Spectrum analyzer 2 Spectrum analyzer 3	Hewlett-Packard	85660B 8566A	3138A07614 1925A00257	300001207 300001098		\dashv
83.	Spectrum analyzer 3 Spectrum analyzer	Hewlett-Packard Hewlett-Packard	70206A	2840A01553	300001098		
84.	Display Spectrum analyzer	Hewlett-Packard	85662A	3144A20627	300002017		
85.	Display 2 Spectrum analyzer	Hewlett-Packard	85662 85662	1925A00860	300001208		_
	Display 3			1923/400000			
86. 87.	Isolating transformer Isolating transformer	Erfi Erfi	913501 MPL	91350	300001205 300001155		_
88.	Isolating transformer	Erfi	MPL	91350	300001155		
89.	Isolating transformer	Erfi	6210	71330	300001131		\dashv
J.	Isolating transformer	Grundig	RT5A	8781	300001179	+ + + + + + + + + + + + + + + + + + + +	\dashv

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91.	Isolating transformer	Grundig	RT5A	9242	300001263	
92.	Amplifier	Hewlett-Packard	8447D	2648A04780	300001360	
93.	Amplifier	EMV	10W1000	9549	300001377	

No.	Instrument/ Ancillary	Manufacturer	Type	Serial-No.	Internal ID No.				
94.	Amplifier	EMV	25W1000	12948	300001440				
95.	Amplifier 5W	Amplifier Research	5W1000	9725	300001592				
	Laboratory Bluetooth								
96.	Power splitter	Inmet Corp.	1499382		300002841				
97.	Power sensor	Rohde & Schwarz	NRV-Z1	833894/011	300002681- 0010				
98.	Signal generator	Rohde & Schwarz	SMIQ03	836206/0092	300002680				
99.	Bluetooth RF-test system	Rohde & Schwarz	TS8960		300002681- 0000				
100.	Signal generator	Rohde & Schwarz	SMIQ03	835541/055	300002681- 0001				
101.	Signal generator	Rohde & Schwarz	SMIQ03	835541/056	300002681- 0002				
102.	Signal generator	Rohde & Schwarz	SMP02	835133/011	300002681- 0003				
103.	Power meter	Rohde & Schwarz	NRVD	835430/044	300002681- 0004				
104.	Spectrum - analyzer	Rohde & Schwarz	FSIQ	835540/018	300002681- 0005				
105.	Switch unit	Rohde & Schwarz	SSCU		300002681- 0006				
106.	Attenuator-step	Rohde & Schwarz	RSP	834500/010	300002681- 0007				
107.	Frequency normal	Rohde & Schwarz	Rubidium		300002681- 0009				
108.	Power sensor	Rohde & Schwarz	NRV-Z1	833894/012	300002681- 0013				
	Conducted emission	on on AC line Roo	om 006						
109.	Measurement receiver	Rohde & Schwarz	ESH3	881515/002	300002490				
110.	Measurement receiver	Rohde & Schwarz	ESVP	881487/021	300002491				
111.	Measurement receiver	Rohde & Schwarz	ESH3	890174/002	300000296				
112.	V-network AC	Rohde & Schwarz	ESH3 Z5	892475/017	300002209				
113.	V-network AC	Rohde & Schwarz	ESH3-Z5	892239/020	300002506				
114.	Software	Rohde & Schwarz	ESK-1						
115.	DC power supply	Hewlett-Packard	6032A	2743A02600	300001498				
116.	V-network AC	Rohde & Schwarz	ESH3-Z5	861189/014	300001458				
117.	V-network DC	Rohde & Schwarz	ESH3-Z6	893689/012	300001504				
118.	V-network DC	Rohde & Schwarz	ESH3-Z6	861406/005	300001518				
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133.									
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6 Annex B: Photographs of Test site

Photo 1 (Radiated Emissions):

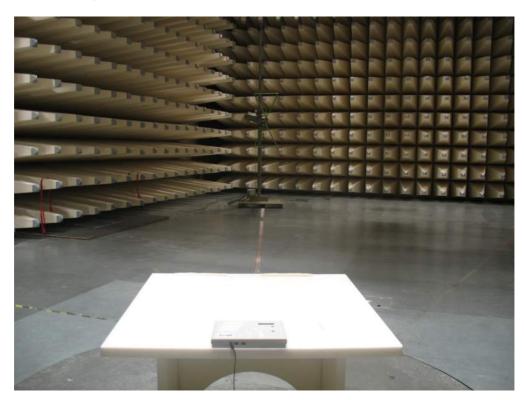


Photo 2 (Radiated Emissions):



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Photo 3 (Conducted Emissions):



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7 Annex C: External Photographs of the Equipment

Photo 1:



Photo 2:



CETECOM ICT Services GmbH Untertürkheimer Str. 6-10, 66117 Saarbruecken Phone: +49 (

RSC-Laboratory

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Photo 3:

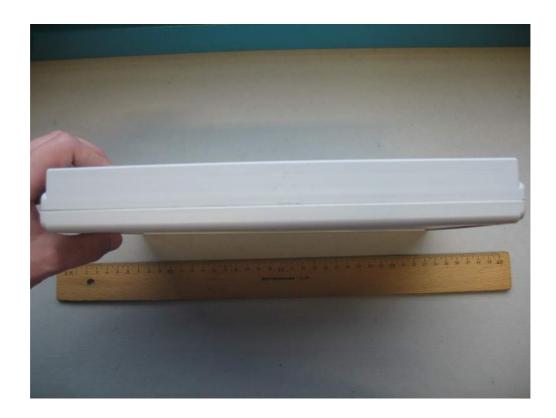


Photo 4:



CETECOM ICT Services GmbH Untertürkheimer Str. 6-10, 66117 Saarbruecken Phone: +49 (

RSC-Laboratory

Phone: +49 (0) 681 598-0 Phone: +49 (0) 681 598-0 Fax: -9075 Fax: -9075



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Photo 5:



Photo 6:



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8 Annex D: INTERNAL PHOTOGRAPHS OF THE EQUIPMENT

Photo 1:



Photo 2:



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Photo 3:



Photo 4:



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Photo 5:

