

Radio Satellite Communication

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RSC11 issue test report consist of 62 Pages Page 1 (62)



TTI-P-G166/98

Accredited testing-laboratory

DAR registration number: TTI-P-G-166/98

Accredited Bluetooth Test Facility (BQTF)

Test report no.: 5-4113-01-02-B/02 FCC Part15.247/CANADA RSS-210 SIEMENS BIRD FCC ID: L82-BIRD



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1 General information

1.1 Notes

The test results of this test report relate exclusively to the test item specified in 1.5. The 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 the CETECOM ICT Services GmbH.

Test Laboratory Manager:

2002-11-04 RSC8414 Ames H. W. Duly

Date Section Name Signature

Technical Responsibility for Area of Testing:

Date Section Name Signature



1.2 Testing laboratory

CETECOM ICT Services GmbH Untertürkheimer Straße 6 - 10 66117 Saarbrücken

Germany

Telephone : + 49 681 598 - 9100
Telefax : + 49 681 598 - 9075
E-mail : info@ict.cetecom.de
Internet : www.cetecom-ict.de

(details of accreditation status, where relevant)

State of accreditation: The Test laboratory (area of testing) is accredited according to DIN EN

ISO/IEC 17025.

DAR registration number: TTI-P-G-166/98

1.3 Details of applicant

Name: SIEMENS AG Street: Frankenstrasse 2 City: D-46395 Bocholt

Country: Germany
Telephone: +49 2871 91 0
Telefax: +49 2871 91 2495
Contact: Mr. Uwe Alt
Telephone: +49 2871 91 2948

1.4 Application details

Date of receipt of application : 2002-09-20 Date of receipt of test item : 2002-09-20

Date of test : 2002-09-20 - 2002-10-09



1.5 Test item

Type of equipment : **DECT-Phone in 2.4 GHz range**

Type designation : Model: BIRD Handset

Manufacturer : - applicant -

Street :

City

Country :

Serial number

Additional information :

Frequency : 2400 – 2483.5 MHz (2407 – 2469 MHz) Type of modulation : 1M00GXW (TDMA) Ch.Sep. : 7 MHz

Number of channels : 10

Antenna : Build-in patch antenna

Power supply : 2.4 V DC by NiCad accumulator

Output power rad. max : 24.44 dBm / 277.97 mW

Type of equipment : Class B

Temperature range : 0°C - +35°C

FCC ID L82-BIRD

1.6 Test specifications: FCC Part 15 §15.247 / CANADA RSS-210



- 2 Technical test
- 2.1 Summary of test results

The radiated measurements were performed vertical and horizontal over the whole frequency range. We start at 1 m high with vertical receiving antenna and rotate the dish continuously. During rotation we use the antenna lift system to vary the high from 1 to 4 m. So we find maximum radiation output. At this points we do manual re-measurements. After this we do the same measurements in horizontal position of the receiving antenna. This (horizontal and vertical) is made for all the three planes of the test sample. We use the maximum received results.

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 MHz, waveguide horn

The antenna gain measurement was performed by the difference between conducted and radiated output measurement.

All measurement settings are according to FCC 15.35, 15.205, 15.209, 15.247 and the "Measurement guidelines for DSSS systems".

The product fulfills also the requirements for CANADA RSS-210

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

Final verdict : PASS

Remark:

The product is a variation of a DECT phone (TDMA) in the 2.4 GHz ISM band. The protocol and timing behavior is equal to the 1800 MHz DECT system. (Timing description later in the report)

low channel: 2407.104 MHz mid channel: 2441.664 MHz high channel: 2469.312 MHz



2.2 Test report

TEST REPORT

Test report no.: 5-4113-01-02-B/02



Test report no.:5-4113-01-02-B/02

Issue date:2002-10-14

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TEST REPORT REFERENCE

LIST OF MEASUREMENTS

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Antenna Gain

SUBCLAUSE § 15.247

The antenna gain of the complete system is calculated by the difference of conducted power of the module and the radiated power in EIRP.

	low channel	mid channel	high channel
Conducted power	19.51 dBm	19.36 dBm	18.88 dBm
Radiated power	23.69 dBm	23.69 dBm	24.44 dBm
Gain	+4.18 dBi	+4.33 dBi	+5.56 dBi



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Spectrum Bandwidth

§15.247(a)

6 dB bandwidth

TEST CONDITIONS		6 dB	BANDWIDTH (kHz)
Frequency (MHz)		low channel mid channel high channe		
T _{nom} (23.4)°C	V _{nom} (2.4)V	721.443	801.603	781.563
Measurement uncertainty		±1kHz		

RBW / VBW 100 kHz

LIMIT

SUBCLAUSE §15.247(a) (2)

The minimum 6dB bandwith shall be at least 500 KHz



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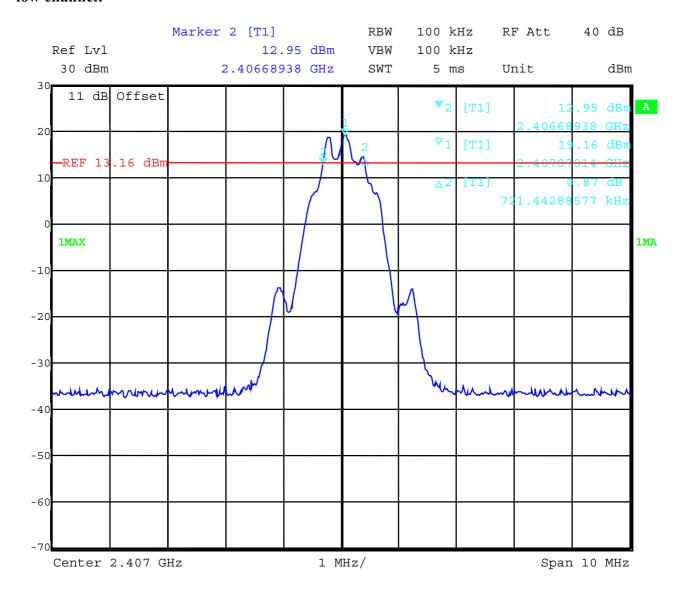
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Spectrum Bandwidth

§15.247(a)

6 dB bandwidth

low channel:



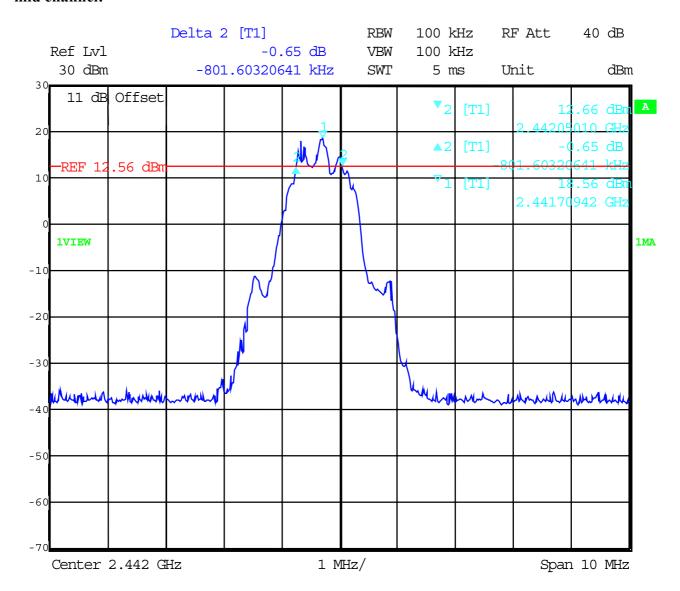


Spectrum Bandwidth

§15.247(a)

6 dB bandwidth

mid channel:



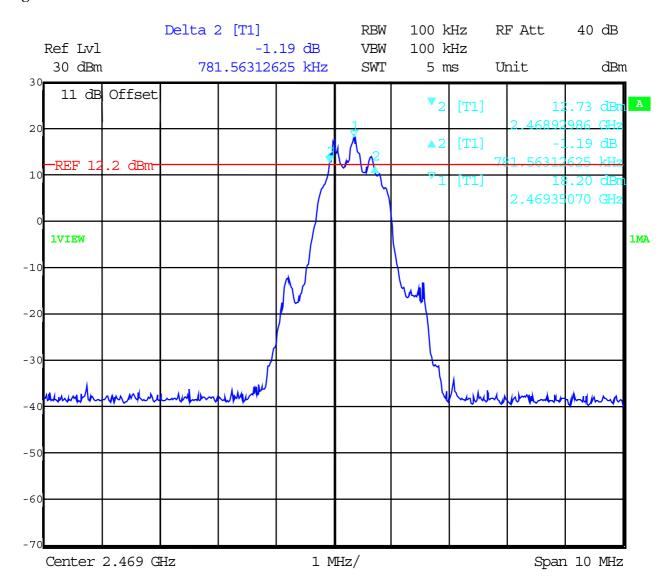


Spectrum Bandwidth

§15.247(a)

6 dB bandwidth

high channel:





MAXIMUM PEAK OUTPUT POWER (CONDUCTED)

SUBCLAUSE § 15.247 (b) (1)

TEST CONDITIONS		MAXIMUM PEAK OUTPUT POWER (mW)			
Frequenc	Frequency (MHz)		low channel mid channel high channel		
T _{nom} (23.4)°C	V _{nom} (2.4)V	Peak: 89.33	Peak : 86.29	Peak : 77.27	
Maximum deviation from output power under extreme test conditions (dBc)		0.5	0.5	0.5	
Measurement uncertainty		±0.5dB			

RBW/VBW: 10 MHz

LIMIT

SUBCLAUSE § 15.247 (b) (1)

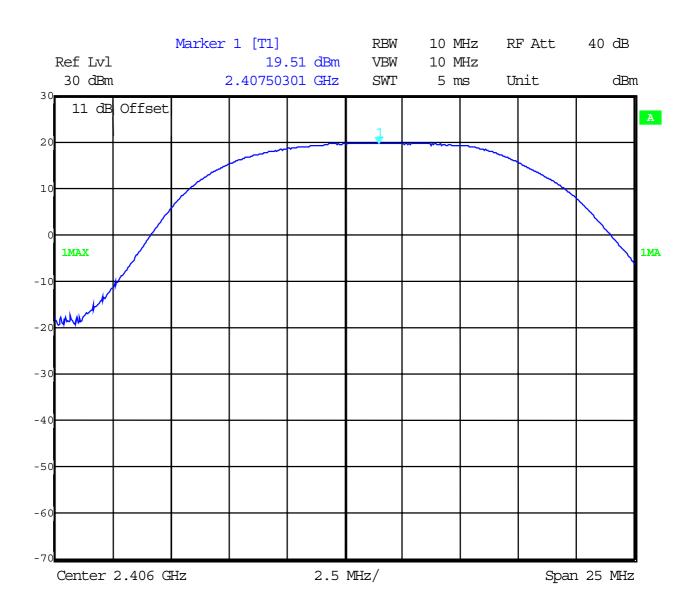
Frequency range	RF power output
2400-2483.5 MHz	1.0 Watt/ 30dBm



MAXIMUM PEAK OUTPUT POWER (CONDUCTED)

SUBCLAUSE § 15.247 (b) (1)

low channel peak





MAXIMUM PEAK OUTPUT POWER (CONDUCTED)

SUBCLAUSE § 15.247 (b) (1)

low channel average

calculated by the duty cycle of 3.8% or -14.2 dB

Peak value: 19.51 dBm

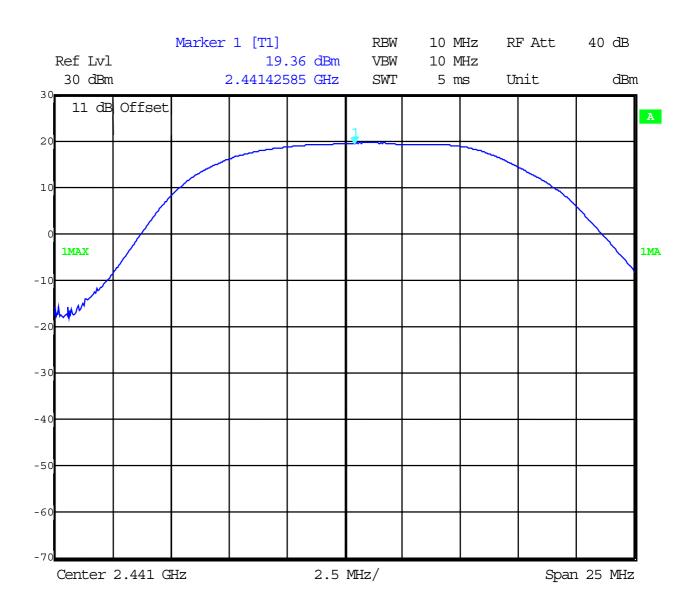
Average value: 19.51 dBm - 14.2 dB = 5.31 dBm



MAXIMUM PEAK OUTPUT POWER (CONDUCTED)

SUBCLAUSE § 15.247 (b) (1)

mid channel peak





MAXIMUM PEAK OUTPUT POWER (CONDUCTED)

SUBCLAUSE § 15.247 (b) (1)

mid channel average

calculated by the duty cycle of 3.8% or -14.2 dB

Peak value: 19.36 dBm

Average value: 19.36 dBm - 14.2 dB = 5.16 dBm



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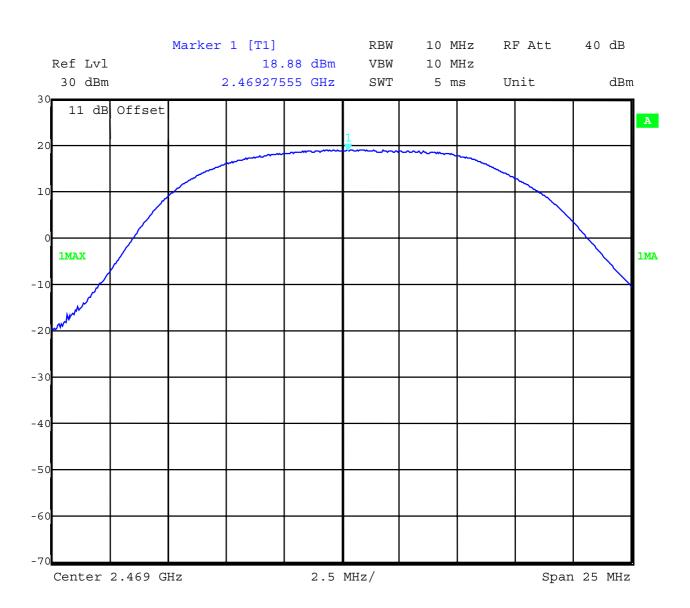
Issue date:2002-10-14

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MAXIMUM PEAK OUTPUT POWER (CONDUCTED)

SUBCLAUSE § 15.247 (b) (1)

high channel peak





MAXIMUM PEAK OUTPUT POWER (CONDUCTED)

SUBCLAUSE § 15.247 (b) (1)

high channel average

calculated by the duty cycle of 3.8% or -14.2 dB

Peak value: 18.88 dBm

Average value: 18.88 dBm - 14.2 dB = 4.68 dBm



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MAXIMUM PEAK OUTPUT POWER (EIRP)

SUBCLAUSE § 15.247 (b) (1)

TEST CONDITIONS		MAXIMUM PEAK OUTPUT POWER EIRP (mW)		
Frequency (MHz)		low channel	mid channel	high channel
T _{nom} (23.4)°C	V _{nom} (3.0)V	23.69 dBm 233.88 mW	23.69 dBm 233.88 mW	24.44 dBm 277.97 mW
Maximum deviation from output power under extreme test conditions (dBc)		-	-	-
Measurement uncertainty			±3dB	

RBW/VBW: 10 MHz

Measured at a distance of 3m

LIMIT

SUBCLAUSE § 15.247 (b) (1)

Frequency range	RF power output
2400-2483.5 MHz	1.0 Watt

RF EXPOSURE CALCULATION

SUBCLAUSE § 15.247 (B) (4)

The maximal power density at 20cm distance is calculated as: $Pd = (P_{out} * G)/(4\pi * r^2)$

 $67.9 \text{ mW} / 4\pi 400 \text{cm}^2 = 0.01351 \text{ mW/cm}^2$

Limit

The Limit for general population/uncontrolled exposures according §1.1307(b) is 1mW/cm²



Power spectral density

§15.247 (d)

TEST CONDITIONS		RF POW	ER LEVEL IN 3	kHz BW
Frequency (MHz)		low channel	mid channel	high channel
T _{nom} (23.4)°C	V _{nom} (2.4)V	7.51 dBm	4.85 dBm	4.85dBm
Measuremen	t uncertainty		±3dB	

The measurement was performed with the power density funktion of the analyzer. The readout is related to 1 Hz BW. For 3 kHz BW we have to add 34.8 dB.

LIMIT

SUBCLAUSE §15.247(d)



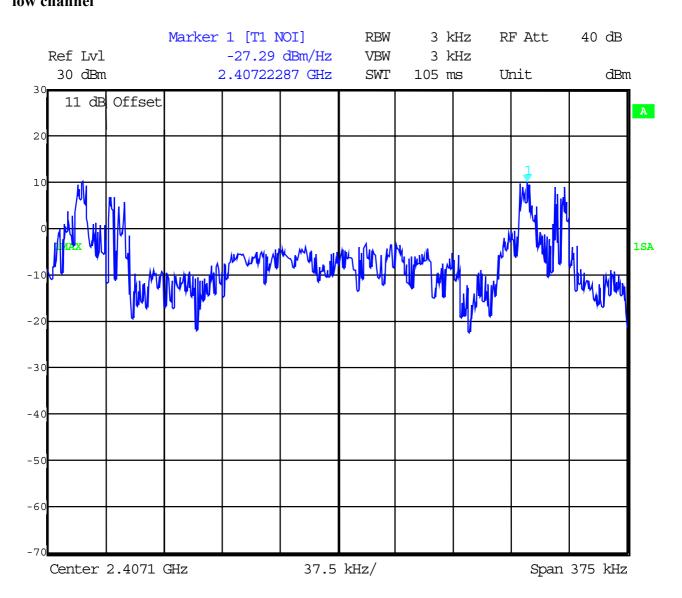
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POWER SPECTRAL DENSITY low channel

SUBCLAUSE § 15.247 (d)



LIMIT

SUBCLAUSE §15.247(d)



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POWER SPECTRAL DENSITY mid channel

SUBCLAUSE § 15.247 (d)



LIMIT

SUBCLAUSE §15.247(d)



Test report no.:5-4113-01-02-B/02

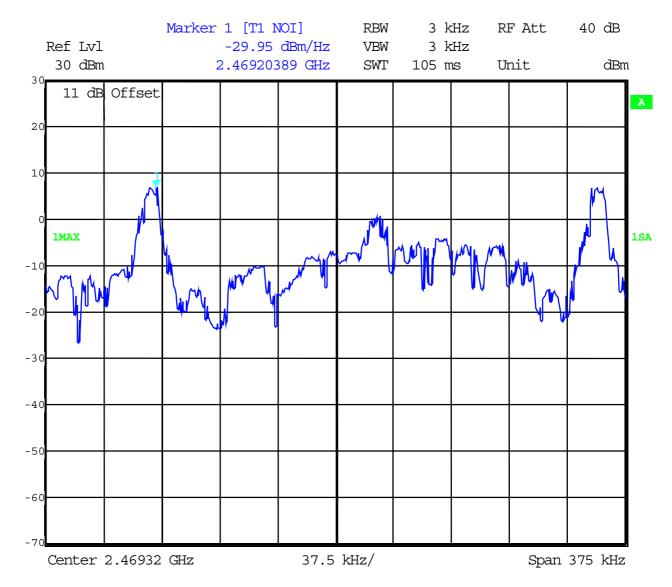
Issue date:2002-10-14

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POWER SPECTRAL DENSITY

SUBCLAUSE § 15.247 (d)

high channel



LIMIT

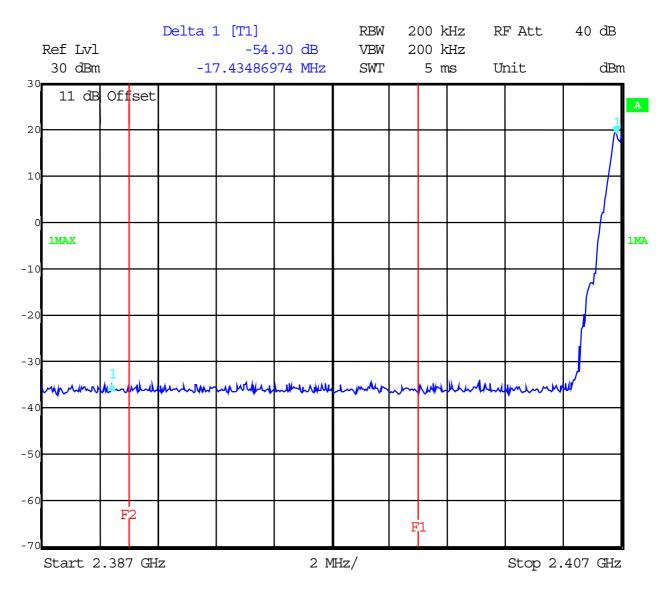
SUBCLAUSE §15.247(d)



Band-edge compliance of conducted emissions

§15.247 (c)

Low channel



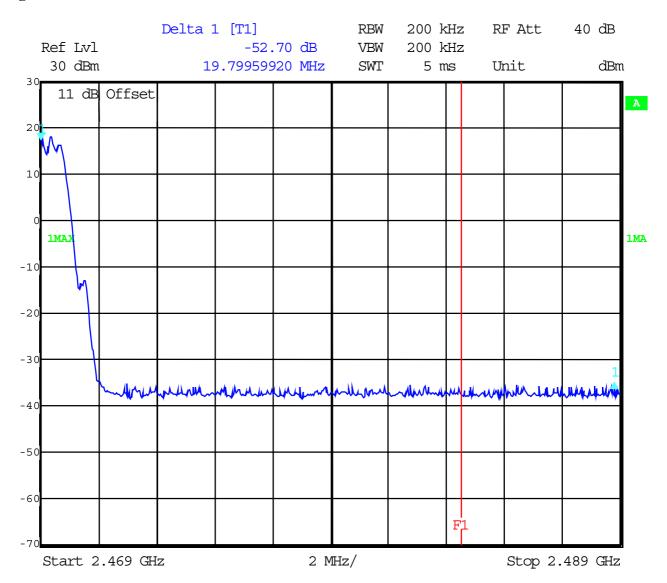
We have a reduction > 20 dB.



Band-edge compliance of conducted emissions

§15.247 (c)

high channel



We have a reduction > 20 dB in the restricted band.



Band-edge compliance of radiated emissions

§15.205

Radiated field strength

The field strength was measured with an EMI measuring receiver and 1 MHz RBW / VBW for peak and with 1MHz RBW / 10Hz VBW for average at a distance of 3m.

The correction factor is the summation of path loss, cable loss, antenna gain and amplifier gain.

The value at 2472 MHz is +15.2 dB.

high channel 2472 MHz	setup	measured value (3m)	correction factor (3m)	calculated value (3m)
Peak value	1 MHz RBW 3 MHz VBW	107.79 dBμV/m	15.2 dB	122.99 dBμV/m
Average value	1 MHz RBW 10 Hz VBW	93.59 dBμV/m	15.2 dB	108.79 dBμV/m
Delta value	Peak 100 kHz RBW/VBW	72.1 dB	-	-
Value at band edge 100 kHz RBW 300 kHz	300 kHz limit 54 dBμV/m	67.5 dB		36.69 dBμV/m 41.29 dB
Statement:				Complies

The product complies with the limit of the restricted bands.

Delta marker plots see next page

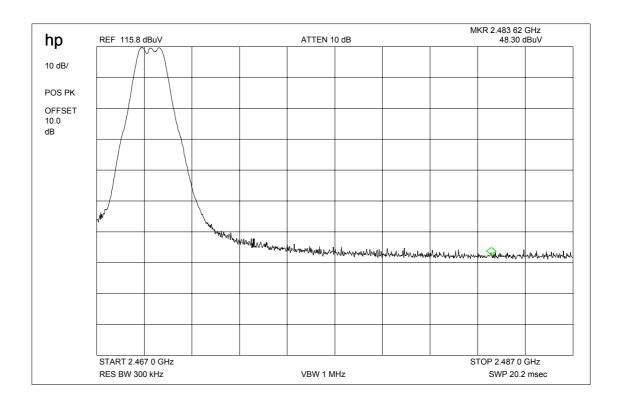


Radiated field strength

SUBCLAUSE § 15.205

Plot of radiated band edge behavior. (Peak, max hold)

300 kHz RBW, delta dB is 67.5 dB



We made a second plot with 100 kHz RBW. We got nearly the same result (delta dB=72.1 dB). Span is 20 MHz, so we choose a RBW of 1% span, here 100 kHz.

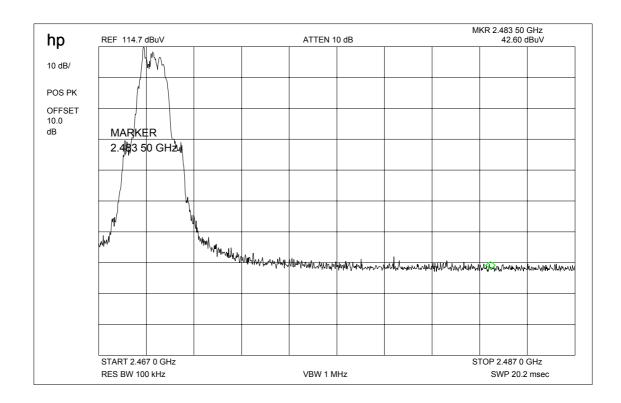


Radiated field strength

SUBCLAUSE § 15.205

Plot of radiated band edge behavior. (Peak, max hold)

100 kHz RBW, delta dB is 72.1 dB





SPURIOUS EMISSION (conducted)

§ 15.247 (c) (1)

	EMISS	SION LIMITAT	IONS	
f (MHz)	amplitude of emission (dBm)	limit max. allowed emmision power	actual attenuation below frequency of operation (dB)	results
Low channel	XXX	30 dBm	-	Operating frequency
all peal	ks < ks <<	-20 dBc		complies
mid channel	XXX	30 dBm	-	Operating frequency
All pea	ks < imit	-20 dBc		complies
high channel	xxx	30 dBm		Operating frequency
all peal	ks < ks <<	-20 dBc		complies
Measurement u	ıncertainty		± 3dB	

<u>For emissions that fall into restricted bands you find the radiated emissions later in the report.</u>

LIMITS

SUBCLAUSE § 15.247 (c)

In any 100 kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

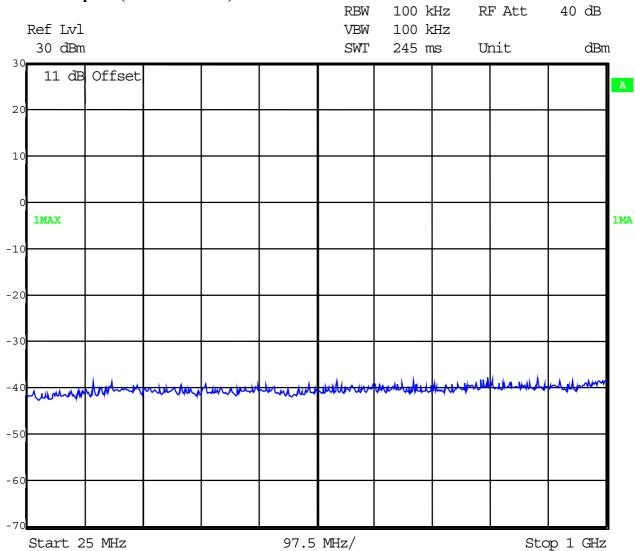


SPURIOUS EMISSION LIMITATION CONDUCTED

§ 15.247 (c) (1)

No peak found < 20 dB below Limit (20dBc)

Low channel peak (25 – 1000 MHz)



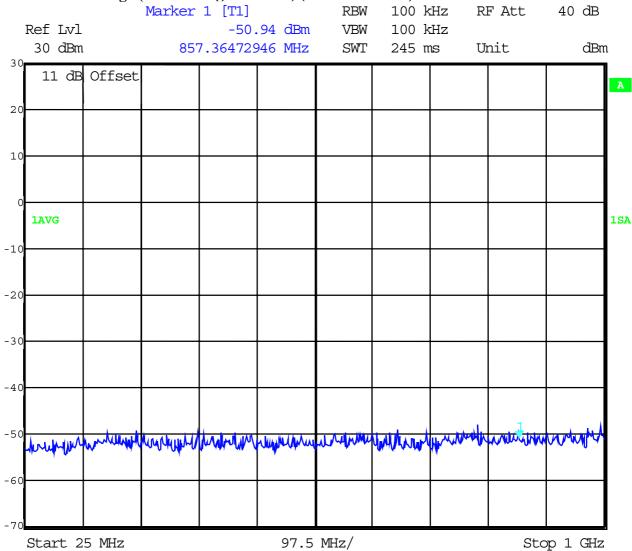


SPURIOUS EMISSION LIMITATION CONDUCTED

§ 15.247 (c) (1)

No peak found < 20 dB below Limit (20dBc)

Low channel average (with average detector) (25 – 1000 MHz)

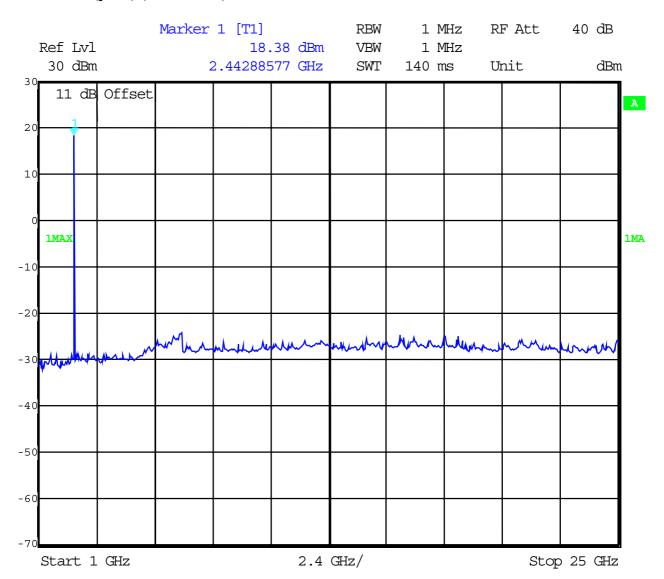




SPURIOUS EMISSION CONDUCTED

§ 15.247 (c) (1)

Mid channel (peak) (1 – 25 GHz)



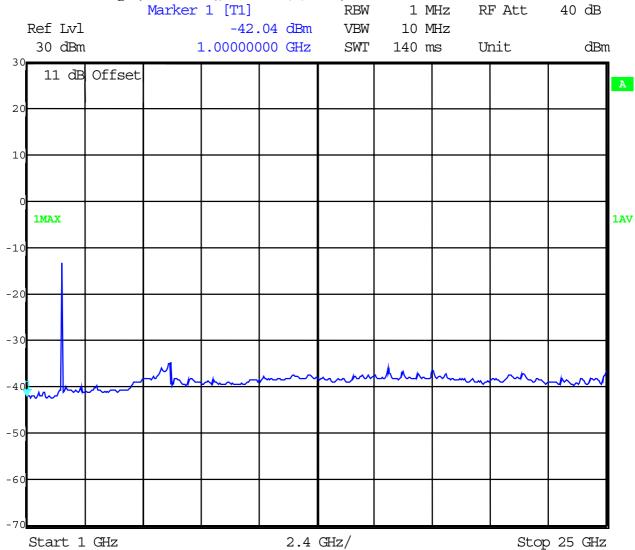


SPURIOUS EMISSION LIMITATION CONDUCTED

§ 15.247 (c) (1)

No peak found < 20 dB below Limit (20dBc)

mid channel average (with average detector) (1 - 25)

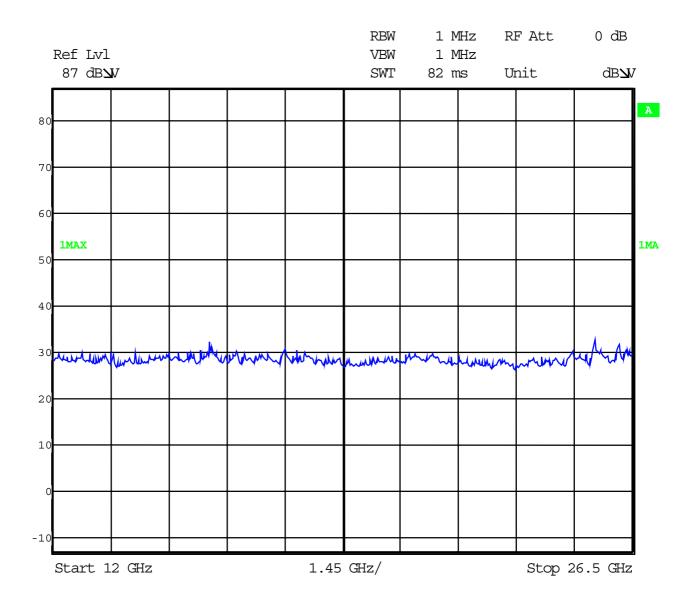




SPURIOUS EMISSION CONDUCTED

§ 15.247 (c) (1)

High channel peak

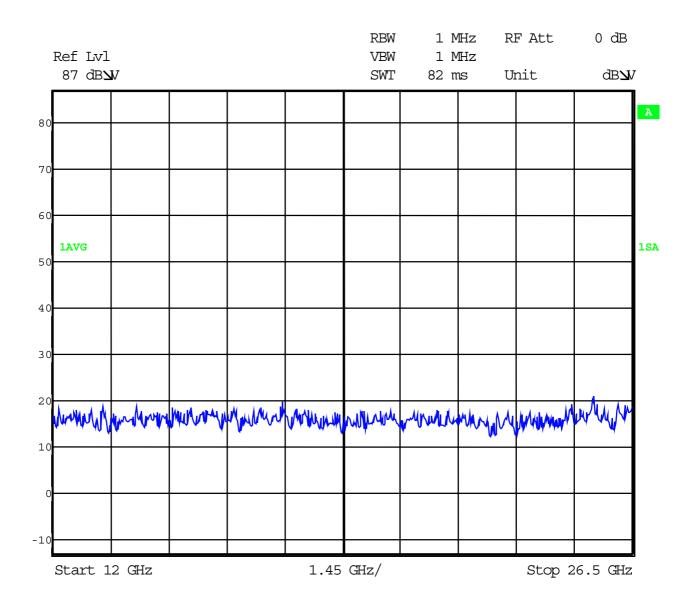




SPURIOUS EMISSION CONDUCTED

§ 15.247 (c) (1)

High channel average (with average detector)





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SPURIOUS EMISSION (radiated)

§ 15.247 (c) (1)

All peaks in the plot near the limit are peak values.

		EMISSI	ON LIMITATI	IONS	
f (MHz)	polari- zation	amplitude of emission (dBµV/m) QUASIPEAK	Amplitude of emission (dBµV/m) average	limit max. allowed emmision power (dBµV/m)	results
]	Low channel	` '	
		N	o peaks found		
			Mid channel		
2785.9	vert		26.4	54.0	complies
4869.0	vert		17.7	54.0	complies
]	 High channel		
4939.2	vert		19.5	54.0	complies
10904.0	vert		35.8	54.0	complies
Measure	ment unce	rtainty		± 3dB	

LIMITS

SUBCLAUSE § 15.247 (c)

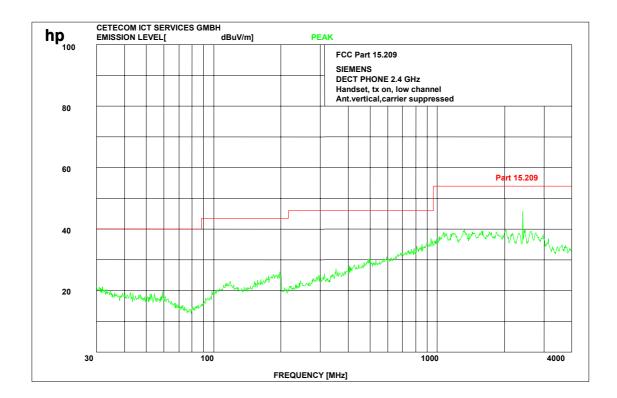


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EMISSION LIMITATIONS- Radiated

§ 15.247 (c) (1)

low channel 30 – 4000 MHz (vertical, worst case)



RBW/VBW 100 kHz below 1 GHz, for frequencies above we used 1 MHz RBW/VBW

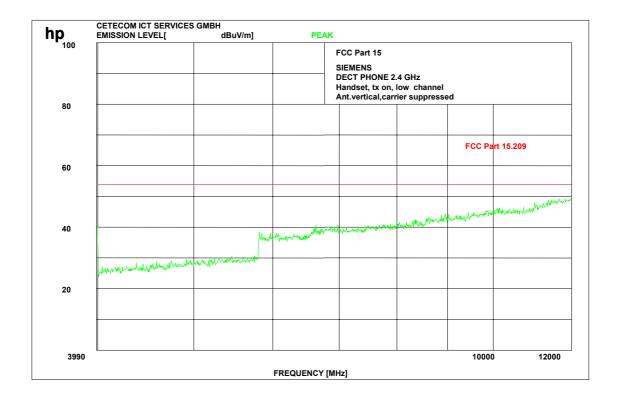
LIMITS SUBCLAUSE § 15.247 (c)



EMISSION LIMITATIONS- Radiated

§ 15.247 (c) (1)

low channel 4000 – 12000 MHz (vertical, worst case)



RBW/VBW 100 kHz below 1 GHz, for frequencies above we used 1 MHz RBW/VBW

LIMITS

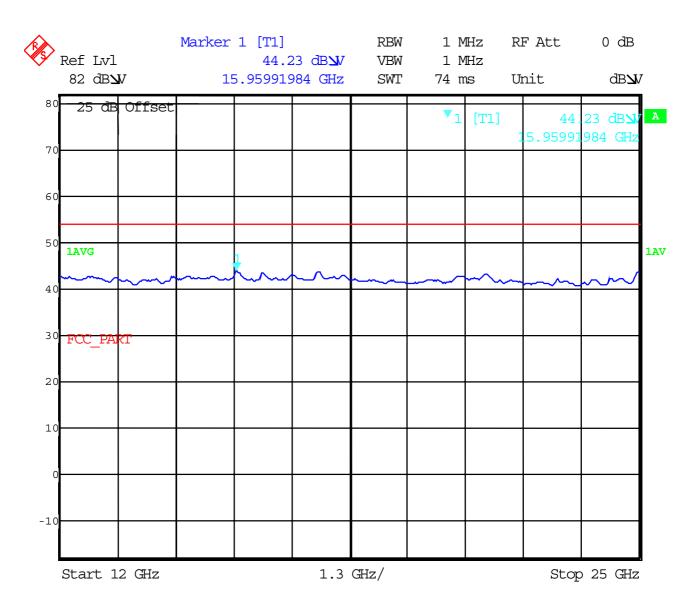
SUBCLAUSE § 15.247 (c)



EMISSION LIMITATIONS- Radiated

§ 15.247 (c) (1)

low channel up to 25 GHz



This plot was made with a wideband horn antenna and a special low noise preamp. We measured base station and handset together. There were no peaks found.

LIMITS

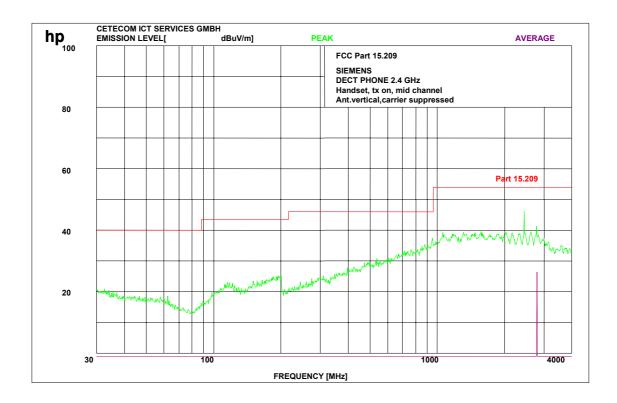
SUBCLAUSE § 15.247 (c)



EMISSION LIMITATIONS- Radiated

§ 15.247 (c)

mid channel 30 - 4000 MHz (vertical, worst case)



RBW/VBW 100 kHz below 1 GHz, for frequencies above we used 1 MHz RBW/VBW

LIMITS

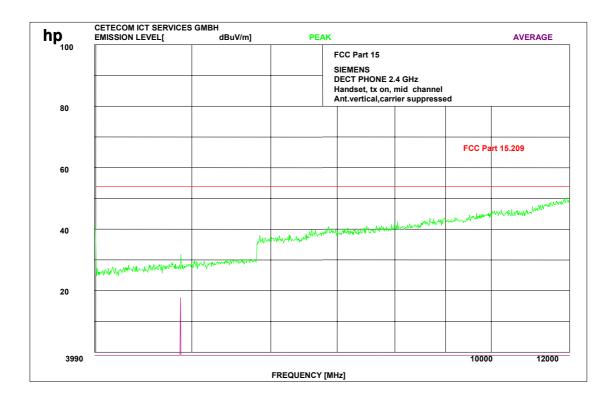
SUBCLAUSE § 15.247 (c)



EMISSION LIMITATIONS- Radiated

§ 15.247 (c)

mid channel 4000 - 12000 MHz (vertical, worst case)



RBW/VBW 100 kHz below 1 GHz, for frequencies above we used 1 MHz RBW/VBW

LIMITS

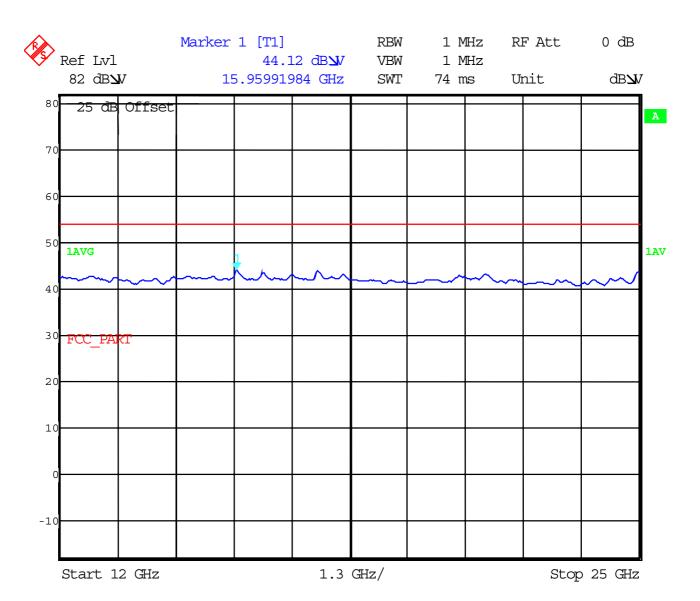
SUBCLAUSE § 15.247 (c)



EMISSION LIMITATIONS- Radiated

§ 15.247 (c) (1)

Mid channel up to 25 GHz



This plot was made with a wideband horn antenna and a special low noise preamp. We measured base station and handset together. There were no peaks found.

LIMITS

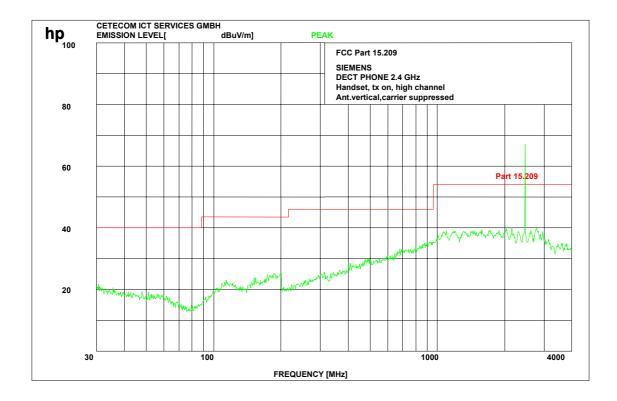
SUBCLAUSE § 15.247 (c)



EMISSION LIMITATIONS- Radiated

§ 15.247 (c) (1)

high channel 30 – 4000 MHz (vertical, worst case)



RBW/VBW 100 kHz below 1 GHz, for frequencies above we used 1 MHz RBW/VBW

LIMITS

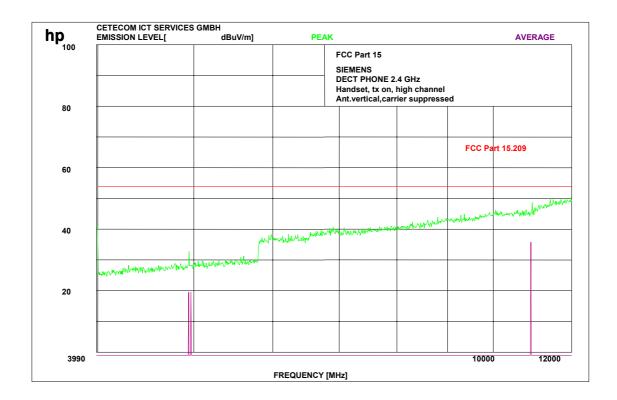
SUBCLAUSE § 15.247 (c)



EMISSION LIMITATIONS- Radiated

§ 15.247 (c) (1)

high channel 4000 - 12000 MHz (vertical, worst case)



RBW/VBW 100 kHz below 1 GHz, for frequencies above we used 1 MHz RBW/VBW

LIMITS

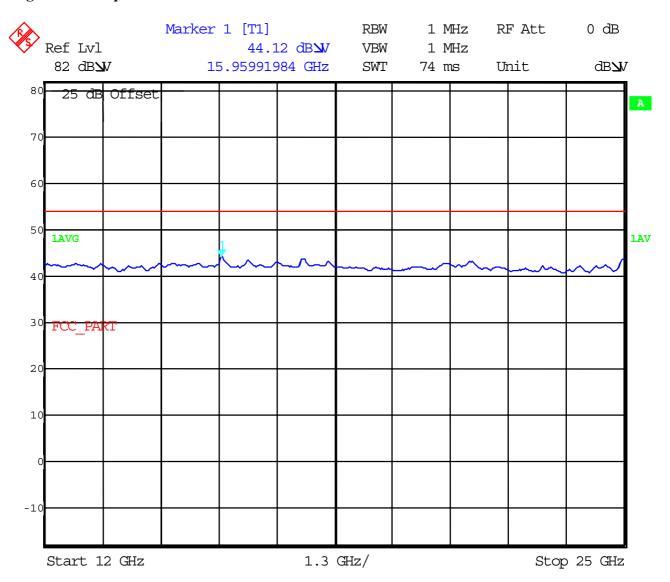
SUBCLAUSE § 15.247 (c)



EMISSION LIMITATIONS- Radiated

§ 15.247 (c) (1)

High channel up to 25 GHz



This plot was made with a wideband horn antenna and a special low noise preamp. We measured base station and handset together. There were no peaks found.

LIMITS

SUBCLAUSE § 15.247 (c)



Receiver EMISSION LIMITATIONS- Radiated

§ 15.209

All spurious emissions below 1 GHz were caused by the measuring PC.

All peaks found were QP or Average >6 dB below limit of FCC15.209

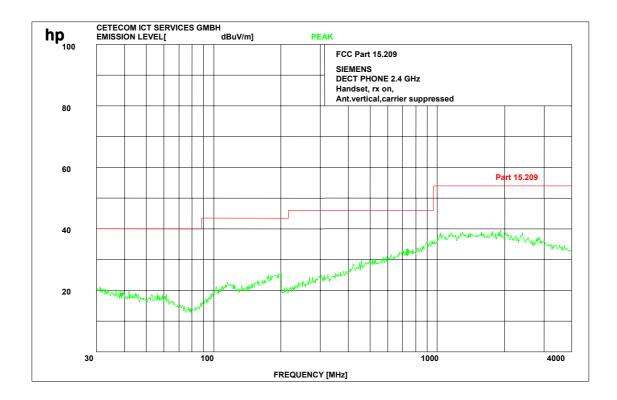
EMISSION LIMITATIONS					
f (MHz)	polari- zation	amplitude of emission (dBµV/m) QUASIPEA K	amplitude of emission (dBµV/m) average	limit max. allowed emmision power (dBµV/m)	results
			CH 1/2/3		
	1		no peaks found		
			1		
Measure	Measurement uncertainty ± 3dB				

Limits

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 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3



EMISSION LIMITATIONS- Radiated Receiver 30 – 4000 MHz (vertical, worst case) § 15.209



RBW/VBW 100 kHz below 1 GHz, for frequencies above we used 1 MHz RBW/VBW

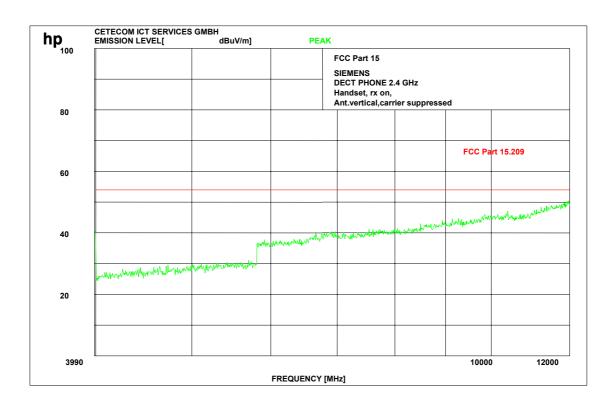
Limits

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 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3



EMISSION LIMITATIONS- Radiated Receiver 4000 - 12000 MHz (vertical, worst case)

§ 15.209



RBW/VBW 100 kHz below 1 GHz, for frequencies above we used 1 MHz RBW/VBW

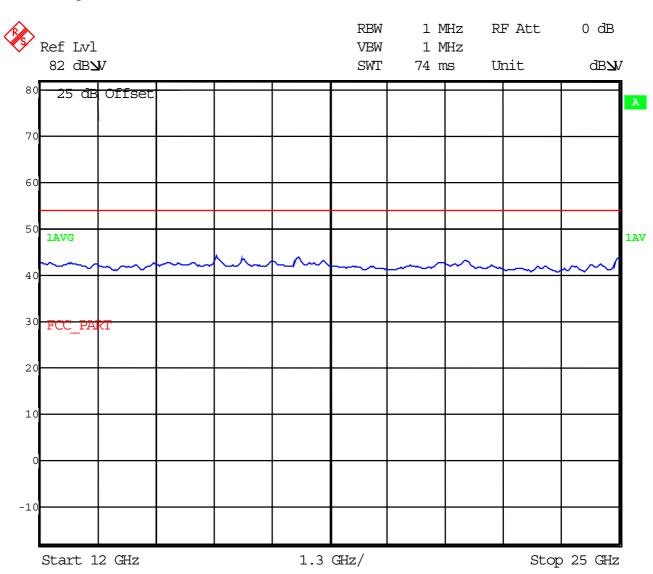
Limits

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 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3



EMISSION LIMITATIONS- Radiated Receiver up to 25 GHz

§ 15.209



This plot was made with a wideband horn antenna and a special low noise preamp. We measured base station and handset together. There were no peaks found.

Limits

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 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
above 960	500	3



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TEST EQUIPMENT AND ANCILLARIES USED FOR TESTS

To simplify the identification on each page of the test equipment used, on each page of the test report, each item of test equipment and ancillaries such as cables are identified (numbered) by the Test Laboratory, below.

01 Spectrum Analyzer 8566 A Hewlett-Packard 1925A00257 02 Analyzer Display 8566 A Hewlett-Packard 1925A00860 03 Oscilloscope 7633 Tektronix 230054 04 Radio Analyzer CMTA 54 Rohde & Schwarz 894 043/010 05 System Power Supply 6038 A Hewlett-Packard 2248A07027 06 Signal Generator 8662 A Hewlett-Packard 2225G00867 07 Signal Generator AFGU Rohde & Schwarz 862 480/032 09 Regeltrenntrafo MPL Erfi 91350 10 Netznachbildung NNLA 8120 Schwarzbeck 8120331 11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2237A10156 14 Power-Sensor 8484 A Hewlett-Packard 2237A10156 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzähler </th <th></th> <th></th> <th>T</th> <th></th> <th></th>			T		
02 Analyzer Display 8566 A Hewlett-Packard 1925A00860 03 Oscilloscope 7633 Tektronix 230054 04 Radio Analyzer CMTA 54 Rohde & Schwarz 894 043/010 05 System Power Supply 6038 A Hewlett-Packard 2248A07027 06 Signal Generator 8662 A Hewlett-Packard 2225G00867 07 Signal Generator AFGU Rohde & Schwarz 862 480/032 09 Regeltrenntrafo MPL Erfi 91350 10 Netznachbildung NNLA 8120 Schwarzbeck 8120331 11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2237A10156 14 Power-Sensor 8484 A Hewlett-Packard 2237A10156 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzähler	No	Instrument/Ancillary	Type	Manufacturer	Serial No.
03 Oscilloscope 7633 Tektronix 230054 04 Radio Analyzer CMTA 54 Rohde & Schwarz 894 043/010 05 System Power Supply 6038 A Hewlett-Packard 2248A07027 06 Signal Generator 8111 A Hewlett-Packard 2215G00867 07 Signal Generator AFGU Rohde & Schwarz 862 480/032 09 Regeltrenntrafo MPL Erfi 91350 10 Netznachbildung NNLA 8120 Schwarzbeck 8120331 11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2101A12378 13 Power-Sensor 8484 A Hewlett-Packard 2237A00616 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 2237A00616 18 Spectrum Analyzer	01	·	8566 A	Hewlett-Packard	1925A00257
04 Radio Analyzer CMTA 54 Rohde & Schwarz 894 043/010 05 System Power Supply 6038 A Hewlett-Packard 2848A07027 06 Signal Generator 8111 A Hewlett-Packard 2215G00867 07 Signal Generator 8662 A Hewlett-Packard 2224A01012 08 Funktionsgenerator AFGU Rohde & Schwarz 862 480/032 09 Regeltrenntrafo MPL Erfi 91350 10 Netznachbildung NNLA 8120 Schwarzbeck 8120331 11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2237A10156 14 Power-Sensor 8482 A Hewlett-Packard 2237A10156 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 264 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absor	02	Analyzer Display	8566 A	Hewlett-Packard	1925A00860
05 System Power Supply 6038 A Hewlett-Packard 2848A07027 06 Signal Generator 8111 A Hewlett-Packard 2215G00867 07 Signal Generator 8662 A Hewlett-Packard 2224A01012 08 Funktionsgenerator AFGU Rohde & Schwarz 862 480/032 09 Regeltrenntrafo MPL Erfi 91350 10 Netznachbildung NNLA 8120 Schwarzbeck 8120331 11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2101A12378 13 Power-Sensor 8484 A Hewlett-Packard 2237A10156 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyz	03	Oscilloscope	7633	Tektronix	230054
06 Signal Generator 8111 A Hewlett-Packard 2215G00867 07 Signal Generator 8662 A Hewlett-Packard 2224A01012 08 Funktionsgenerator AFGU Rohde & Schwarz 862 480/032 09 Regeltrenntrafo MPL Erfi 91350 10 Netznachbildung NNLA 8120 Schwarzbeck 8120331 11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2207A10156 14 Power-Sensor 8484 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine	04	Radio Analyzer	CMTA 54	Rohde & Schwarz	894 043/010
07 Signal Generator 8662 A Hewlett-Packard 2224A01012 08 Funktionsgenerator AFGU Rohde & Schwarz 862 480/032 09 Regeltrenntrafo MPL Erfi 91350 10 Netznachbildung NNLA 8120 Schwarzbeck 8120331 11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2207A0156 13 Power-Sensor 8484 A Hewlett-Packard 2237A00616 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapt	05	System Power Supply	6038 A	Hewlett-Packard	2848A07027
08 Funktionsgenerator AFGU Rohde & Schwarz 862 480/032 09 Regeltrenntrafo MPL Erfi 91350 10 Netznachbildung NNLA 8120 Schwarzbeck 8120331 11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2101A12378 13 Power-Sensor 8484 A Hewlett-Packard 2237A10156 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselect	06	Signal Generator	8111 A	Hewlett-Packard	2215G00867
09 Regeltrenntrafo MPL Erfi 91350 10 Netznachbildung NNLA 8120 Schwarzbeck 8120331 11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2101A12378 13 Power-Sensor 8484 A Hewlett-Packard 2237A10156 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Ante	07	Signal Generator	8662 A	Hewlett-Packard	2224A01012
Netznachbildung	08	Funktionsgenerator	AFGU	Rohde & Schwarz	862 480/032
11 Relais-Matrix PSU Rohde & Schwarz 893 285/020 12 Power-Meter 436 A Hewlett-Packard 2101A12378 13 Power-Sensor 8484 A Hewlett-Packard 2237A10156 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn	09	Regeltrenntrafo	MPL	Erfi	91350
12 Power-Meter 436 A Hewlett-Packard 2101A12378 13 Power-Sensor 8484 A Hewlett-Packard 2237A10156 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display<	10	Netznachbildung	NNLA 8120	Schwarzbeck	8120331
13 Power-Sensor 8484 A Hewlett-Packard 2237A10156 14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver <td< td=""><td>11</td><td>Relais-Matrix</td><td>PSU</td><td>Rohde & Schwarz</td><td>893 285/020</td></td<>	11	Relais-Matrix	PSU	Rohde & Schwarz	893 285/020
14 Power-Sensor 8482 A Hewlett-Packard 2237A00616 15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 888 945/013 28 Log. Per. Antenne	12	Power-Meter	436 A	Hewlett-Packard	2101A12378
15 Modulationsmeter 9008 Racal-Dana 2647 16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 886 945/013 28 Log. Per. Antenne HK 116 Rohde & Schwarz 825 584/002 29 Relais-Switch-Unit	13	Power-Sensor	8484 A	Hewlett-Packard	2237A10156
16 Frequenzzähler 5340 A Hewlett-Packard 1532A03899 17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 862 771/008 27 Biconical Antenne HK 116 Rohde & Schwarz 888 945/013 28 Log. Per. Antenne HL 223 Rohde & Schwarz 375 339/002 30 Hig	14	Power-Sensor	8482 A	Hewlett-Packard	2237A00616
17 Absorber Schirmkabine MWB 87400/002 18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 862 771/008 27 Biconical Antenne HK 116 Rohde & Schwarz 888 945/013 28 Log. Per. Antenne HL 223 Rohde & Schwarz 825 584/002 29 Relais-Switch-Unit RSU Rohde & Schwarz 375 339/002 30 H	15	Modulationsmeter	9008	Racal-Dana	2647
18 Spectrum Analyzer 85660 B Hewlett-Packard 2747A05306 19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 862 771/008 27 Biconical Antenne HK 116 Rohde & Schwarz 825 584/002 29 Relais-Switch-Unit RSU Rohde & Schwarz 825 584/002 30 Highpass HM985955 FSY Microwave 001 31 Amplifier P42-GA29 Tron-Tech B 23602 32 Absorber Schirmkabine	16	Frequenzzähler	5340 A	Hewlett-Packard	1532A03899
19 Analyzer Display 85662 A Hewlett-Packard 2816A16541 20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 862 771/008 27 Biconical Antenne HK 116 Rohde & Schwarz 888 945/013 28 Log. Per. Antenne HL 223 Rohde & Schwarz 825 584/002 29 Relais-Switch-Unit RSU Rohde & Schwarz 375 339/002 30 Highpass HM985955 FSY Microwave 001 31 Amplifier P42-GA29 Tron-Tech B 23602 32 Absorber Schirmkabine	17	Absorber Schirmkabine		MWB	87400/002
20 Quasi Peak Adapter 85650 A Hewlett-Packard 2811A01131 21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 862 771/008 27 Biconical Antenne HK 116 Rohde & Schwarz 888 945/013 28 Log. Per. Antenne HL 223 Rohde & Schwarz 825 584/002 29 Relais-Switch-Unit RSU Rohde & Schwarz 375 339/002 30 Highpass HM985955 FSY Microwave 001 31 Amplifier P42-GA29 Tron-Tech B 23602 32 Absorber Schirmkabine Frankonia 33 Steuerrechner PSM 7 Rohde & Schwarz	18	Spectrum Analyzer	85660 B	Hewlett-Packard	2747A05306
21 RF-Preselector 85685 A Hewlett-Packard 2833A00768 22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 862 771/008 27 Biconical Antenne HK 116 Rohde & Schwarz 888 945/013 28 Log. Per. Antenne HL 223 Rohde & Schwarz 825 584/002 29 Relais-Switch-Unit RSU Rohde & Schwarz 375 339/002 30 Highpass HM985955 FSY Microwave 001 31 Amplifier P42-GA29 Tron-Tech B 23602 32 Absorber Schirmkabine Frankonia 33 Steuerrechner PSM 7 Rohde & Schwarz 834 621/004 34 EMI Test Reciever ESMI Rohde & Schwarz	19	Analyzer Display	85662 A	Hewlett-Packard	2816A16541
22 Biconical Antenne 3104 Emco 3758 23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 862 771/008 27 Biconical Antenne HK 116 Rohde & Schwarz 888 945/013 28 Log. Per. Antenne HL 223 Rohde & Schwarz 825 584/002 29 Relais-Switch-Unit RSU Rohde & Schwarz 375 339/002 30 Highpass HM985955 FSY Microwave 001 31 Amplifier P42-GA29 Tron-Tech B 23602 32 Absorber Schirmkabine Frankonia 33 Steuerrechner PSM 7 Rohde & Schwarz 834 621/004 34 EMI Test Reciever ESMI Rohde & Schwarz 827 063/010	20	Quasi Peak Adapter	85650 A	Hewlett-Packard	2811A01131
23 Log. Per. Antenne 3146 Emco 2130 24 Double Ridge Horn 3115 Emco 3088 25 EMI-Testreceiver ESAI Rohde & Schwarz 863 180/013 26 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 862 771/008 27 Biconical Antenne HK 116 Rohde & Schwarz 888 945/013 28 Log. Per. Antenne HL 223 Rohde & Schwarz 825 584/002 29 Relais-Switch-Unit RSU Rohde & Schwarz 375 339/002 30 Highpass HM985955 FSY Microwave 001 31 Amplifier P42-GA29 Tron-Tech B 23602 32 Absorber Schirmkabine Frankonia 33 Steuerrechner PSM 7 Rohde & Schwarz 834 621/004 34 EMI Test Reciever ESMI Rohde & Schwarz 827 063/010	21	RF-Preselector	85685 A	Hewlett-Packard	2833A00768
24Double Ridge Horn3115Emco308825EMI-TestreceiverESAIRohde & Schwarz863 180/01326EMI-Analyzer-DisplayESAI-DRohde & Schwarz862 771/00827Biconical AntenneHK 116Rohde & Schwarz888 945/01328Log. Per. AntenneHL 223Rohde & Schwarz825 584/00229Relais-Switch-UnitRSURohde & Schwarz375 339/00230HighpassHM985955FSY Microwave00131AmplifierP42-GA29Tron-TechB 2360232Absorber SchirmkabineFrankonia33SteuerrechnerPSM 7Rohde & Schwarz834 621/00434EMI Test RecieverESMIRohde & Schwarz827 063/010	22	Biconical Antenne	3104	Emco	3758
ESAI Rohde & Schwarz 863 180/013 EMI-Analyzer-Display ESAI-D Rohde & Schwarz 862 771/008 Biconical Antenne HK 116 Rohde & Schwarz 888 945/013 Log. Per. Antenne HL 223 Rohde & Schwarz 825 584/002 Relais-Switch-Unit RSU Rohde & Schwarz 375 339/002 Highpass HM985955 FSY Microwave 001 Amplifier P42-GA29 Tron-Tech B 23602 Absorber Schirmkabine Frankonia Steuerrechner PSM 7 Rohde & Schwarz 834 621/004 EMI Test Reciever ESMI Rohde & Schwarz 827 063/010	23	Log. Per. Antenne	3146	Emco	2130
26EMI-Analyzer-DisplayESAI-DRohde & Schwarz862 771/00827Biconical AntenneHK 116Rohde & Schwarz888 945/01328Log. Per. AntenneHL 223Rohde & Schwarz825 584/00229Relais-Switch-UnitRSURohde & Schwarz375 339/00230HighpassHM985955FSY Microwave00131AmplifierP42-GA29Tron-TechB 2360232Absorber SchirmkabineFrankonia33SteuerrechnerPSM 7Rohde & Schwarz834 621/00434EMI Test RecieverESMIRohde & Schwarz827 063/010	24	Double Ridge Horn	3115	Emco	3088
27Biconical AntenneHK 116Rohde & Schwarz888 945/01328Log. Per. AntenneHL 223Rohde & Schwarz825 584/00229Relais-Switch-UnitRSURohde & Schwarz375 339/00230HighpassHM985955FSY Microwave00131AmplifierP42-GA29Tron-TechB 2360232Absorber SchirmkabineFrankonia33SteuerrechnerPSM 7Rohde & Schwarz834 621/00434EMI Test RecieverESMIRohde & Schwarz827 063/010	25	EMI-Testreceiver	ESAI	Rohde & Schwarz	863 180/013
28Log. Per. AntenneHL 223Rohde & Schwarz825 584/00229Relais-Switch-UnitRSURohde & Schwarz375 339/00230HighpassHM985955FSY Microwave00131AmplifierP42-GA29Tron-TechB 2360232Absorber SchirmkabineFrankonia33SteuerrechnerPSM 7Rohde & Schwarz834 621/00434EMI Test RecieverESMIRohde & Schwarz827 063/010	26	EMI-Analyzer-Display	ESAI-D	Rohde & Schwarz	862 771/008
29Relais-Switch-UnitRSURohde & Schwarz375 339/00230HighpassHM985955FSY Microwave00131AmplifierP42-GA29Tron-TechB 2360232Absorber SchirmkabineFrankonia33SteuerrechnerPSM 7Rohde & Schwarz834 621/00434EMI Test RecieverESMIRohde & Schwarz827 063/010	27	Biconical Antenne	HK 116	Rohde & Schwarz	888 945/013
30HighpassHM985955FSY Microwave00131AmplifierP42-GA29Tron-TechB 2360232Absorber SchirmkabineFrankonia33SteuerrechnerPSM 7Rohde & Schwarz834 621/00434EMI Test RecieverESMIRohde & Schwarz827 063/010	28	Log. Per. Antenne	HL 223	Rohde & Schwarz	825 584/002
31AmplifierP42-GA29Tron-TechB 2360232Absorber SchirmkabineFrankonia33SteuerrechnerPSM 7Rohde & Schwarz834 621/00434EMI Test RecieverESMIRohde & Schwarz827 063/010	29	Relais-Switch-Unit	RSU	Rohde & Schwarz	375 339/002
32Absorber SchirmkabineFrankonia33SteuerrechnerPSM 7Rohde & Schwarz834 621/00434EMI Test RecieverESMIRohde & Schwarz827 063/010	30	Highpass	HM985955	FSY Microwave	001
33 Steuerrechner PSM 7 Rohde & Schwarz 834 621/004 34 EMI Test Reciever ESMI Rohde & Schwarz 827 063/010	31	Amplifier	P42-GA29	Tron-Tech	B 23602
34 EMI Test Reciever ESMI Rohde & Schwarz 827 063/010	32	Absorber Schirmkabine		Frankonia	
	33	Steuerrechner	PSM 7	Rohde & Schwarz	834 621/004
35 EMI Test Receiver Display Rohde & Schwarz 829 808/010	34	EMI Test Reciever	ESMI	Rohde & Schwarz	827 063/010
1 1	35	EMI Test Receiver	Display	Rohde & Schwarz	829 808/010



No	Instrument/Ancillary	Type	Manufacturer	Serial No.
36	Controler	HD 100	Deisel	100/322/93
37	Relais Matrix	PSN	Rohde & Schwarz	829 065/003
38				
	Control Unit	GB 016 A2	Rohde & Schwarz	344 122/008
39	Relais Switch Unit	RSU	Rohde & Schwarz	316 790/001
40	Power Supply	6032A	Hewlett Packard	2846A04063
41	Spektrum Monitor	EZM	Rohde & Schwarz	883 720/006
42	Meßempfänger	ESH 3	Rohde & Schwarz	890 174/002
43	Meßempfänger	ESVP	Rohde & Schwarz	891 752/005
44	Biconi Ant. 20-300MHz	HK 116	Rohde & Schwarz	833 162/011
45	Logper Ant. 0.3-1 GHz	HL 223	Rohde & Schwarz	832 914/010
46	Amplifier 0.1-4 GHz	AFS4	Miteq Inc.	206461
47	Logper Ant. 1-18 GHz	HL 024 A2	Rohde & Schwarz	342 662/002
48	Polarisationsnetzwerk	HL 024 Z1	Rohde & Schwarz	341 570/002
49	Double Ridge G Horn	3115	EMCO	9107-3696
	Antenne 1-26.5 GHz			
50	Microw. Sys. Amplifier	8317A	Hewlett Packard	3123A00105
	0.5- 26.5 GHz			
51	Audio Analyzer	UPD	Rohde & Schwarz	1030.7500.04
52	Steuerrechner	PSM 7	Rohde & Schwarz	883 086/026
53	DC V-Netzwerk	ESH3-Z6	Rohde & Schwarz	861 406/005
54	DC V-Netzwerk	ESH3-Z6	Rohde & Schwarz	893 689/012
55	AC 2 Phasen V-	ESH3-Z5	Rohde & Schwarz	861 189/014
	Netzwerk			
56	AC 2 Phasen V-	ESH3-Z5	Rohde & Schwarz	894 981/019
	Netzwerk			
57	AC-3 Phasen V-	ESH2-Z5	Rohde & Schwarz	882 394/007
	Netzwerk			
58	Stromversorgung	6032A	Rohde & Schwarz	2933A05441
59	HF-Test Empfänger	ESVP.52	Rohde & Schwarz	881 487/021
60	Spectrum Monitor	EZM	Rohde & Schwarz	883 086/026
61	HF-Test Empfänger	ESH3	Rohde & Schwarz	881 515/002
62	Relais Matrix	PSU	Rohde & Schwarz	882 943/029
63	Relais Matrix	PSU	Rohde & Schwarz	828 628/007
64	Spectrum Analyzer	FSIQ 26	Rohde & Schwarz	119.6001.27
<u> </u>	~poor am rimaryzor	- ~- ~ - ~	1101140 OF SCHIMALE	11/1000114
67				

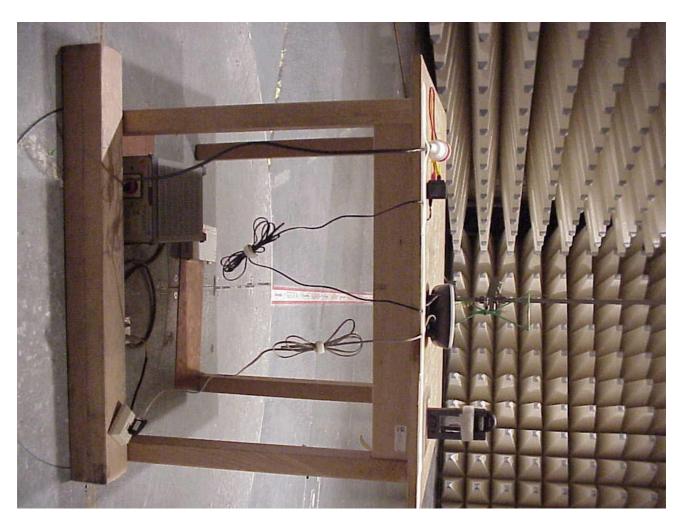


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Test site RADIATED EMISSIONS





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Test site RADIATED EMISSIONS



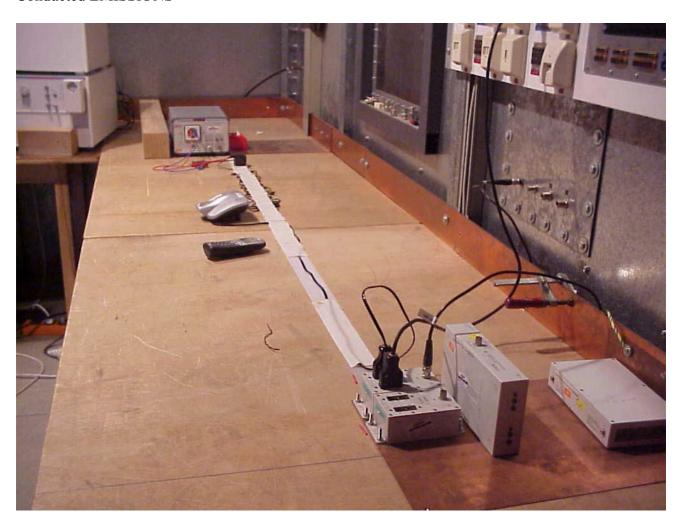


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Test siteConducted EMISSIONS





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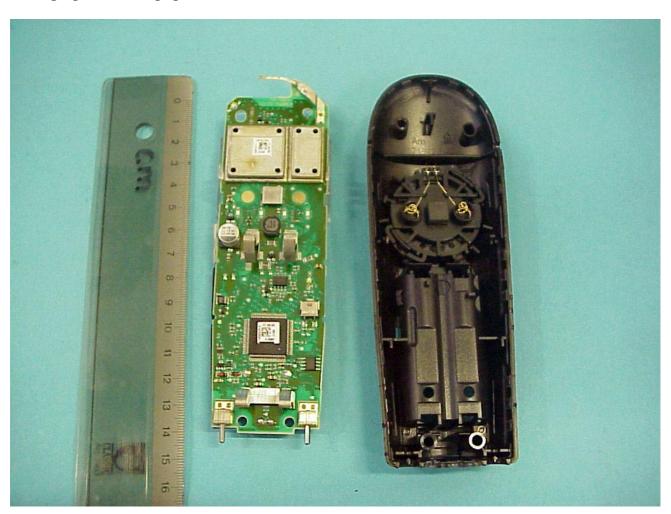




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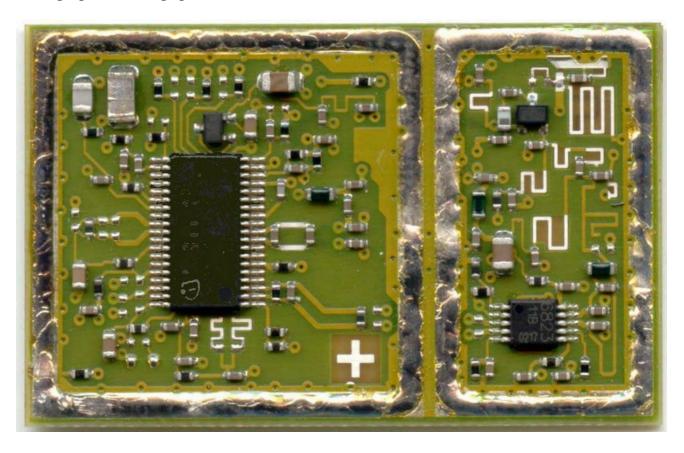




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