

Appendix B

Coordination with fixed microwave service

UTAM, Inc.

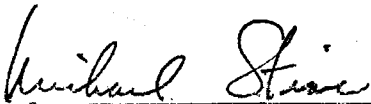
SECTION 15.307(b) AFFIDAVIT

I, Michael Stima, Managing Director of UTAM, Inc., hereby swear and affirm that:

KIRK Telecom, A/S

is a participating member of UTAM, Inc. in good standing for purposes of Section 15.307(b) of the FCC rules.

Subscribed to and sworn this 12th day of July, 2005



Michael Stima, Managing Director
UTAM, Inc.
1170 U.S. Hwy 22
P.O. Box 8126
Bridgewater, New Jersey 08807
Tel: (508) 526-3636

Affidavit #: KIRK071205

Appendix C

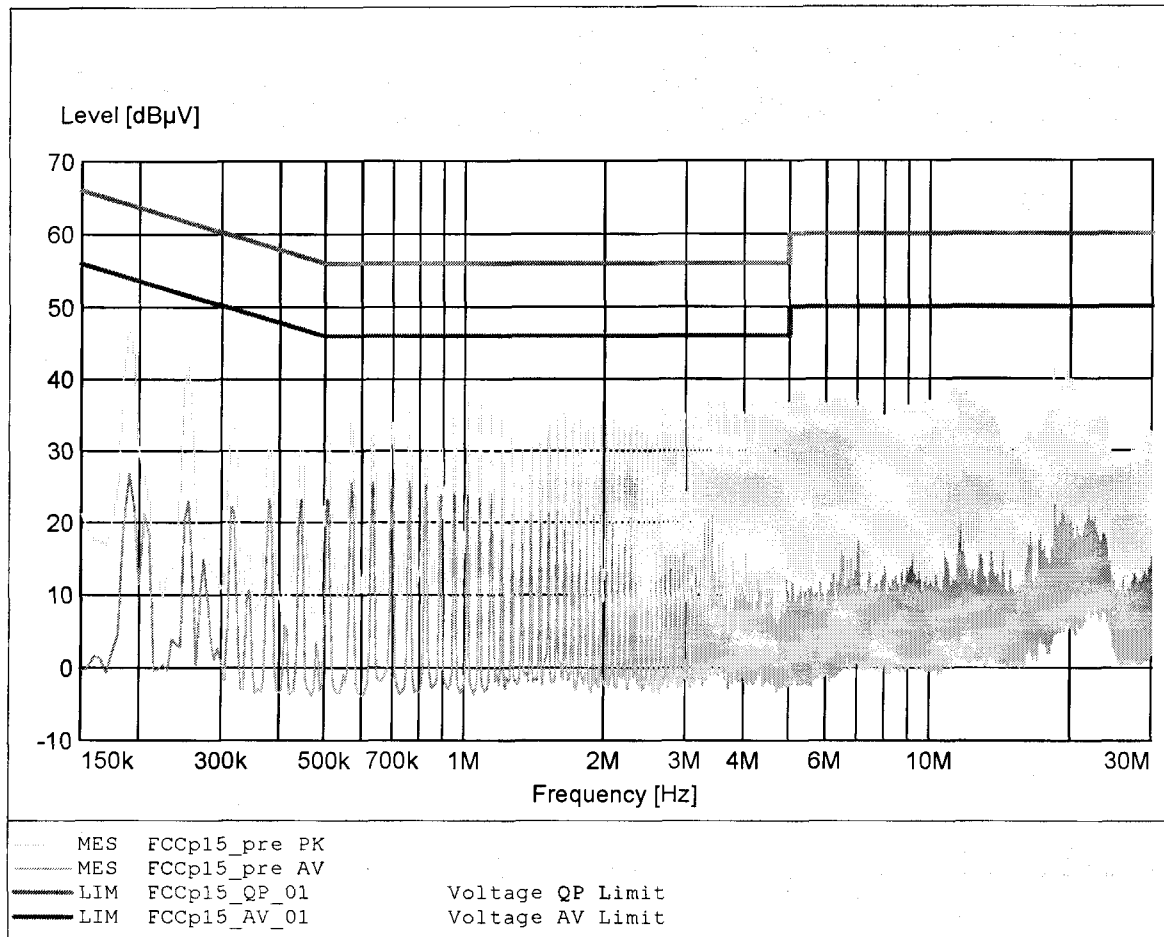
Reference to Subpart B

Appendix D

Conducted limits AC Power line

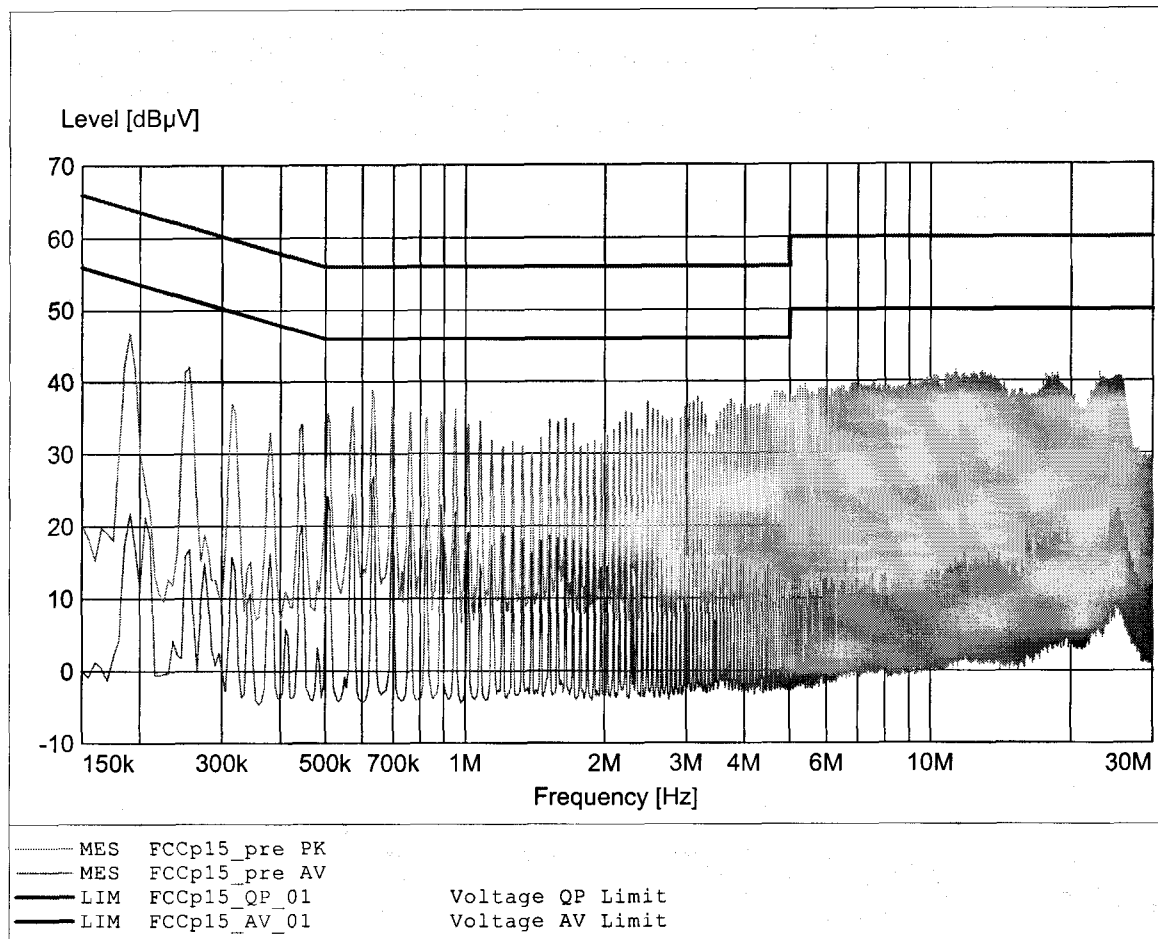
EMI voltage test in the AC-Mains according to FCC part 15

EUT: Wireless Server 500-A8 1.9 HHZ (DECT based UPCS Base station)
Manufacturer: KIRK telecom A/S
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Thom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: S500-A8-1G9
Adaptor: SA106A-0907G-6



EMI voltage test in the AC-Mains according to FCC part 15

EUT: Wireless Server 500-A8 1.9 HHZ (DECT based UPCS Base station)
Manufacturer: KIRK telecom A/S
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: S500-A8-1G9
Adaptor: SA106A-0907G-6



Appendix E

Emission bandwidth

FCC Part 15.303(b) Emission bandwidth

Testprocedure Rev. Draft ANSI 63.17-1998 6.1.3 UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth

Measured Bandwidth	Emission Bandwidth = 1.49MHz
Max. Permitted BW	Limit = 2.5 MHz

Test result	Verdict = PASS
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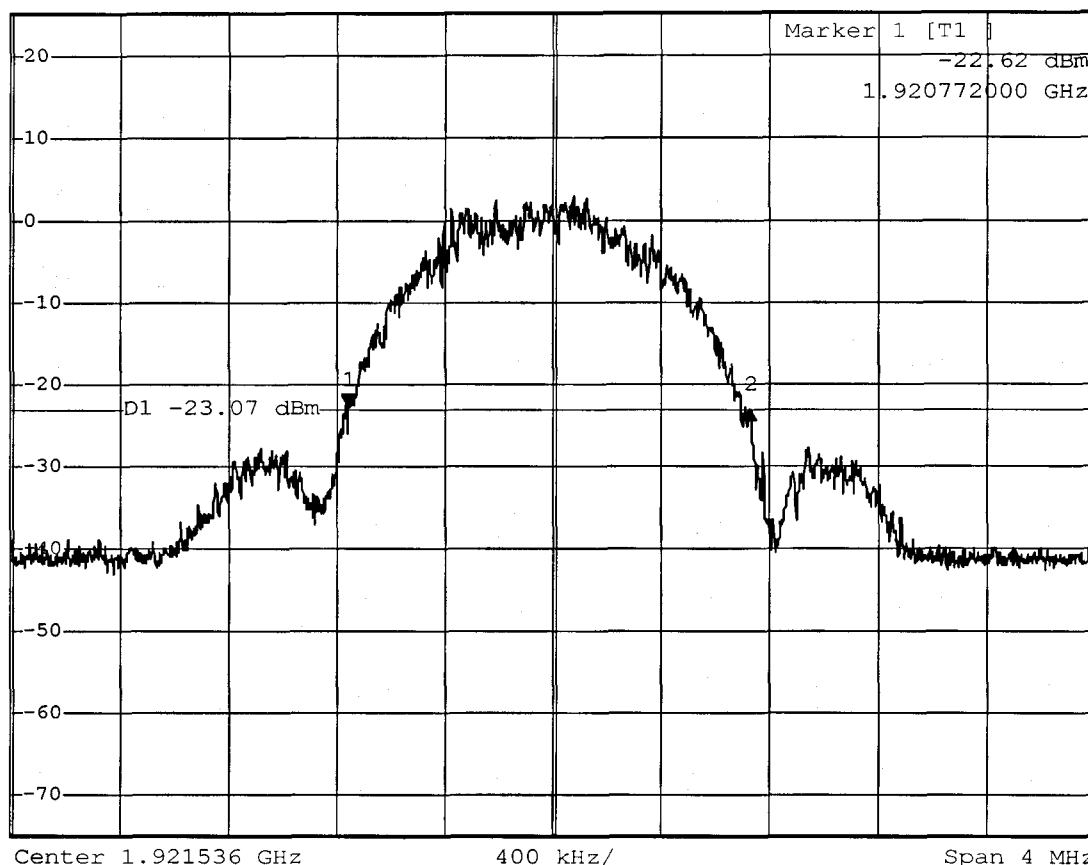


Emission Bandwidth

*RBW 10 kHz	Delta 2 [T1]
*VBW 30 kHz	-0.42 dB
SWT 40 ms	1.490000000 MHz

Ref 25 dBm

*Att 60 dB

 1 PK
MAXH


Comment: Ansi C63.17-1998 6.1.3
Date: 27.JAN.2006 15:10:06

Measurement diagram

**Additional values as required for the detailed threshold monitoring bandwidth test
ANSI C63.17-1988 7.4.2**

-6 dB points

Lower frequency : 1921.114MHz
Higher frequency : 1921.908MHz

-12 dB points

Lower frequency : 1920.958MHz
Higher frequency : 1922.048MHz

Appendix B

Coordination with fixed microwave service

UTAM, Inc.

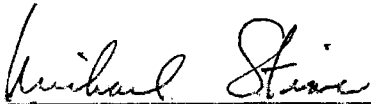
SECTION 15.307(b) AFFIDAVIT

I, Michael Stima, Managing Director of UTAM, Inc., hereby swear and affirm that:

KIRK Telecom, A/S

is a participating member of UTAM, Inc. in good standing for purposes of Section 15.307(b) of the FCC rules.

Subscribed to and sworn this 12th day of July, 2005



Michael Stima, Managing Director
UTAM, Inc.
1170 U.S. Hwy 22
P.O. Box 8126
Bridgewater, New Jersey 08807
Tel: (508) 526-3636

Affidavit #: KIRK071205

Appendix C

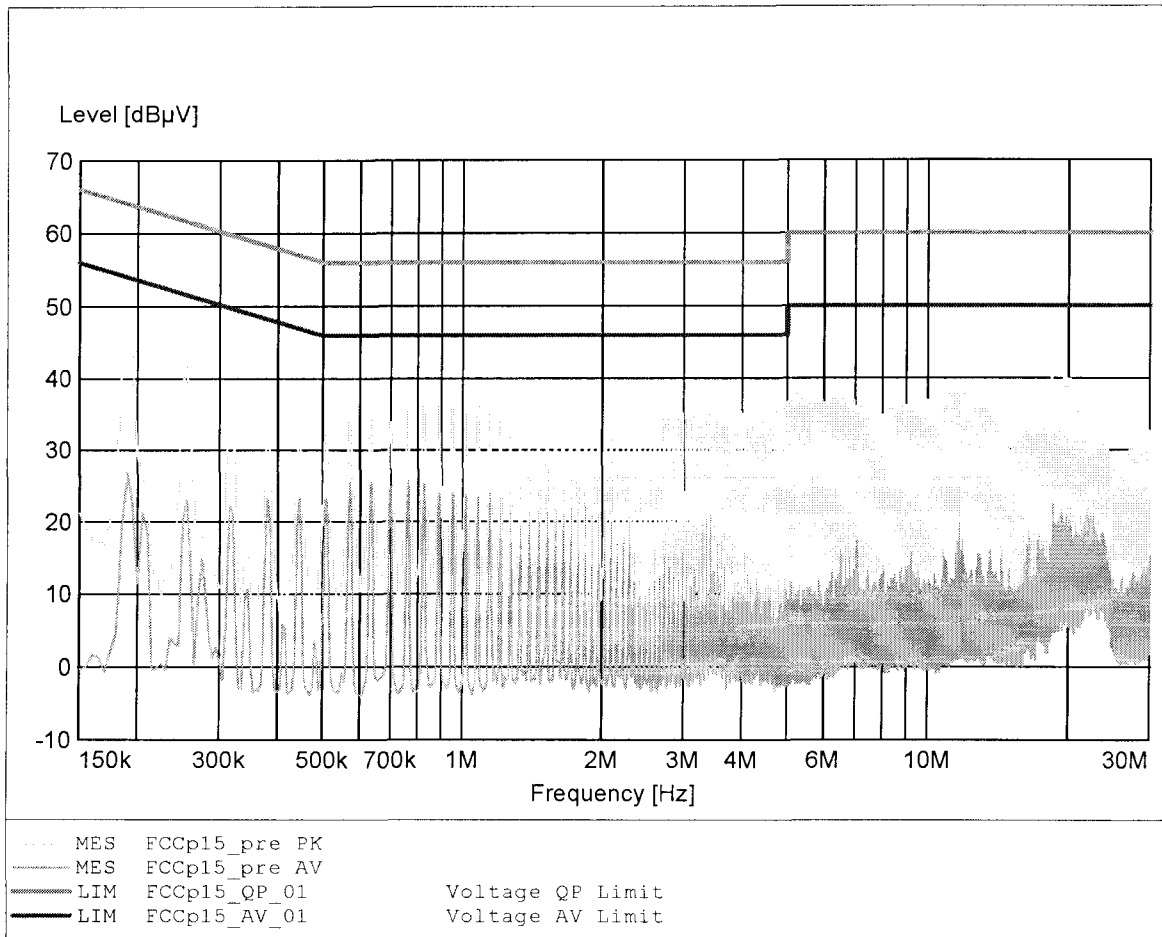
Reference to Subpart B

Appendix D

Conducted limits AC Power line

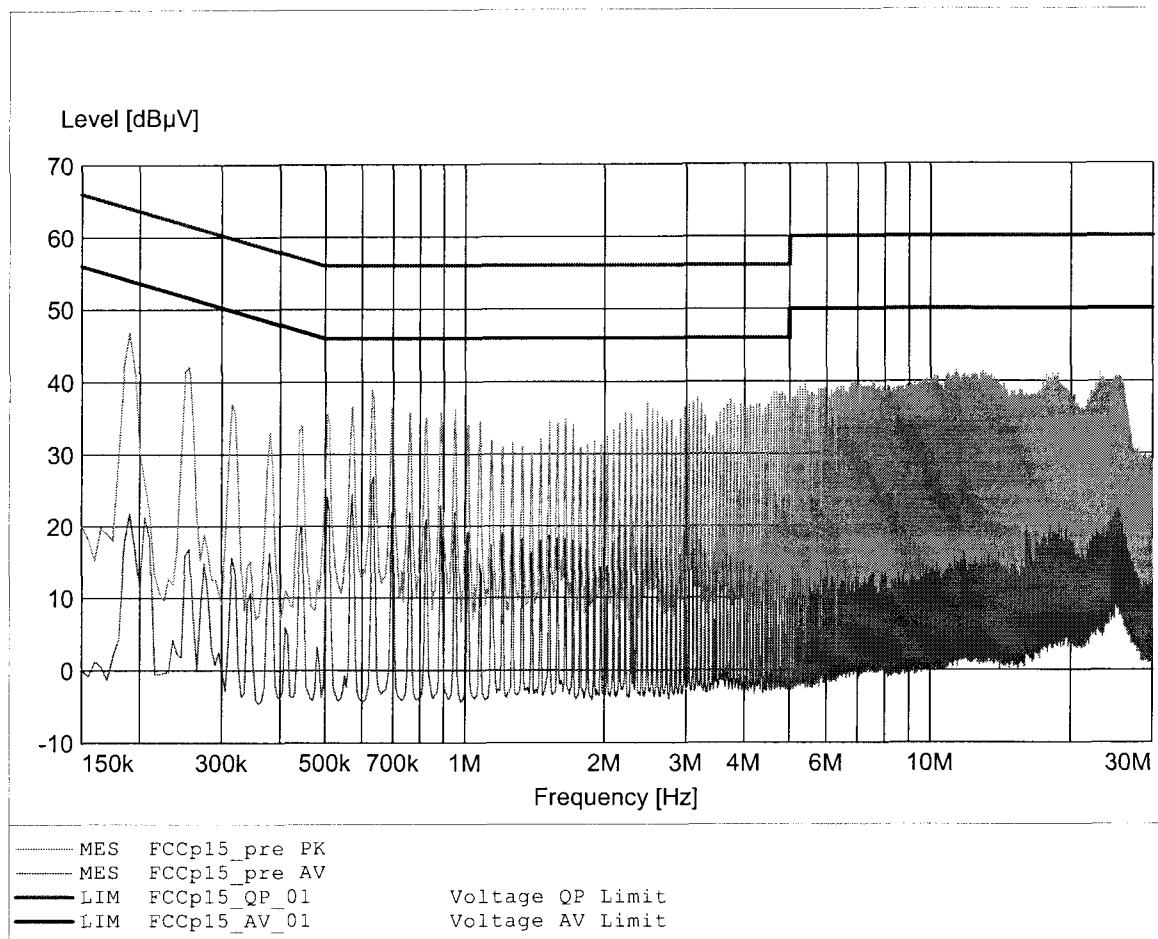
EMI voltage test in the AC-Mains according to FCC part 15

EUT: Wireless Server 500-A8 1.9 HHZ (DECT based UPCS Base station)
Manufacturer: KIRK telecom A/S
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: S500-A8-1G9
Adaptor: SA106A-0907G-6



EMI voltage test in the AC-Mains according to FCC part 15

EUT: Wireless Server 500-A8 1.9 HHZ (DECT based UPCS Base station)
Manufacturer: KIRK telecom A/S
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Thom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: S500-A8-1G9
Adaptor: SA106A-0907G-6



Appendix E

Emission bandwidth

FCC Part 15.303(b) Emission bandwidth

Testprocedure Rev. Draft ANSI 63.17-1998 6.1.3

UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth

Measured Bandwidth	Emission Bandwidth = 1.49MHz
Max. Permitted BW	Limit = 2.5 MHz

Test result	Verdict = PASS
-------------	----------------



Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]

*VBW 30 kHz -0.42 dB

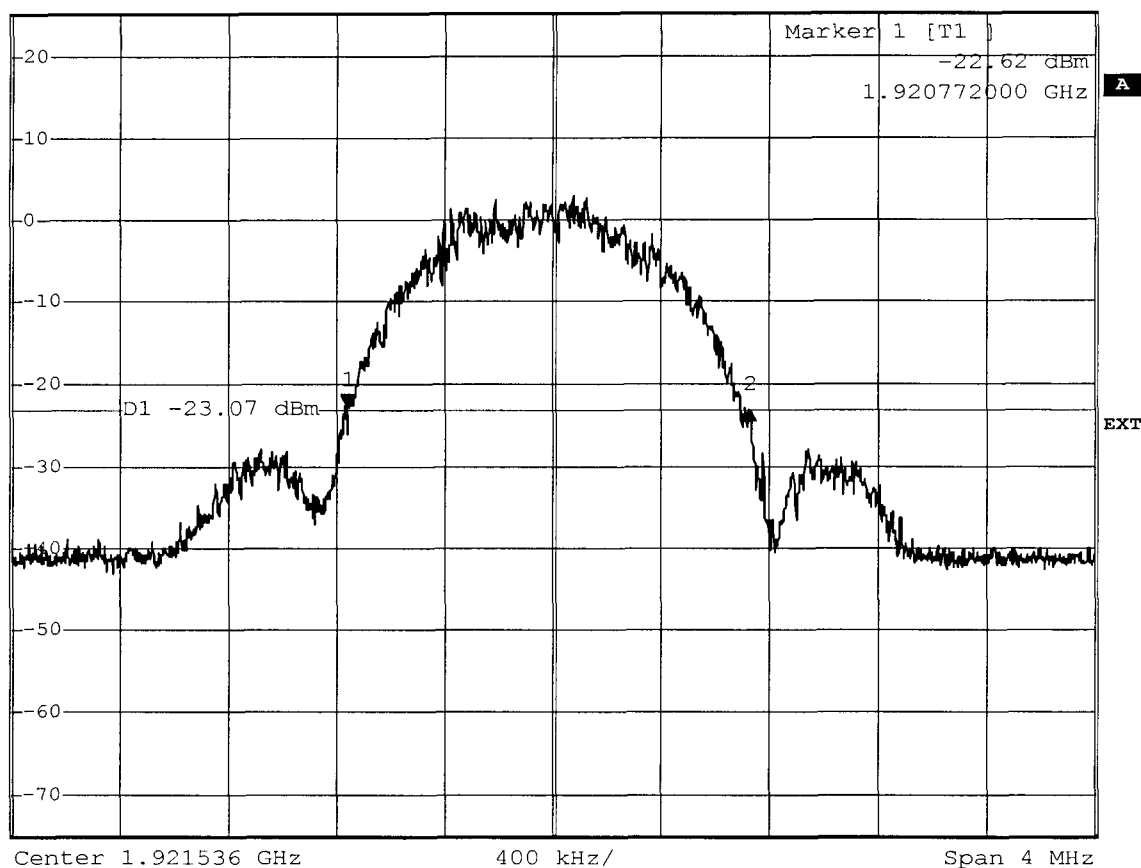
Ref 25 dBm

*Att 60 dB

SWT 40 ms

1.490000000 MHz

1 PK
MAXH



Comment: Ansi C63.17-1998 6.1.3

Date: 27.JAN.2006 15:10:06

Measurement diagram

**Additional values as required for the detailed threshold monitoring bandwidth test
ANSI C63.17-1988 7.4.2**

-6 dB points

Lower frequency : 1921.114MHz
Higher frequency : 1921.908MHz

-12 dB points

Lower frequency : 1920.958MHz
Higher frequency : 1922.048MHz

Measurement diagram

FCC Part 15.303(b) Emission bandwidth

Testprocedure Rev. Draft ANSI 63.17-1998 6.1.3 UPCS

EUT	Wireless Server 500-A8 1.9) GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth
Measured Bandwidth	Emission Bandwidth = 1.46MHz
Max. Permitted BW	Limit = 2.5 MHz
Test result	Verdict = PASS



Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]

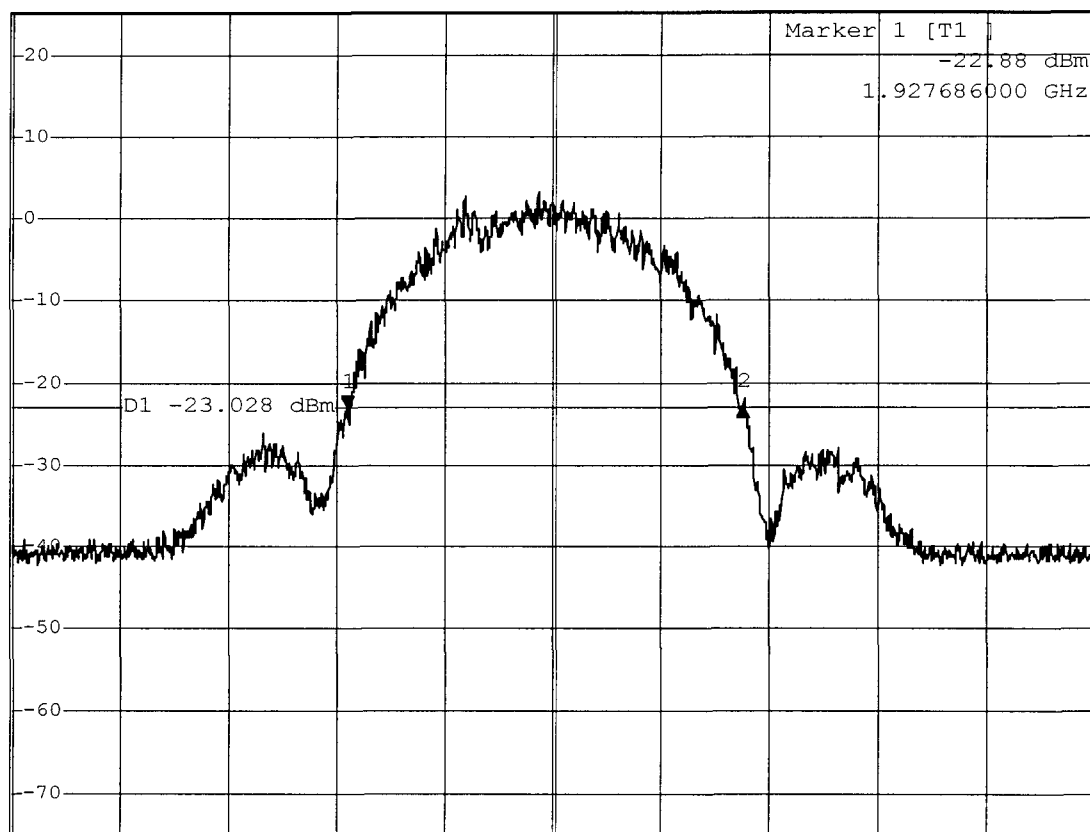
*VBW 30 kHz -0.12 dB

Ref 25 dBm

*Att 60 dB

SWT 40 ms

1.462000000 MHz

1 PK
MAXH

Center 1.928448 GHz

400 kHz/

Span 4 MHz

Comment: Ansi C63.17-1998 6.1.3

Date: 27.JAN.2006 15:13:21

Measurement diagram

**Additional values as required for the detailed threshold monitoring bandwidth test
ANSI C63.17-1988 7.4.2**

-6 dB points

Lower frequency : 1928.012MHz
Higher frequency : 1928.8MHz

-12 dB points

Lower frequency : 1927.848MHz
Higher frequency : 1928.956MHz

Appendix F

Peak Transmit Power

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft ANSI C63.17-1998 6.1.2
UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Unom
Measured Bandwidth	1.49MHz
Max. Permitted Power	20,86 dBm
Measured Power	20,84 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

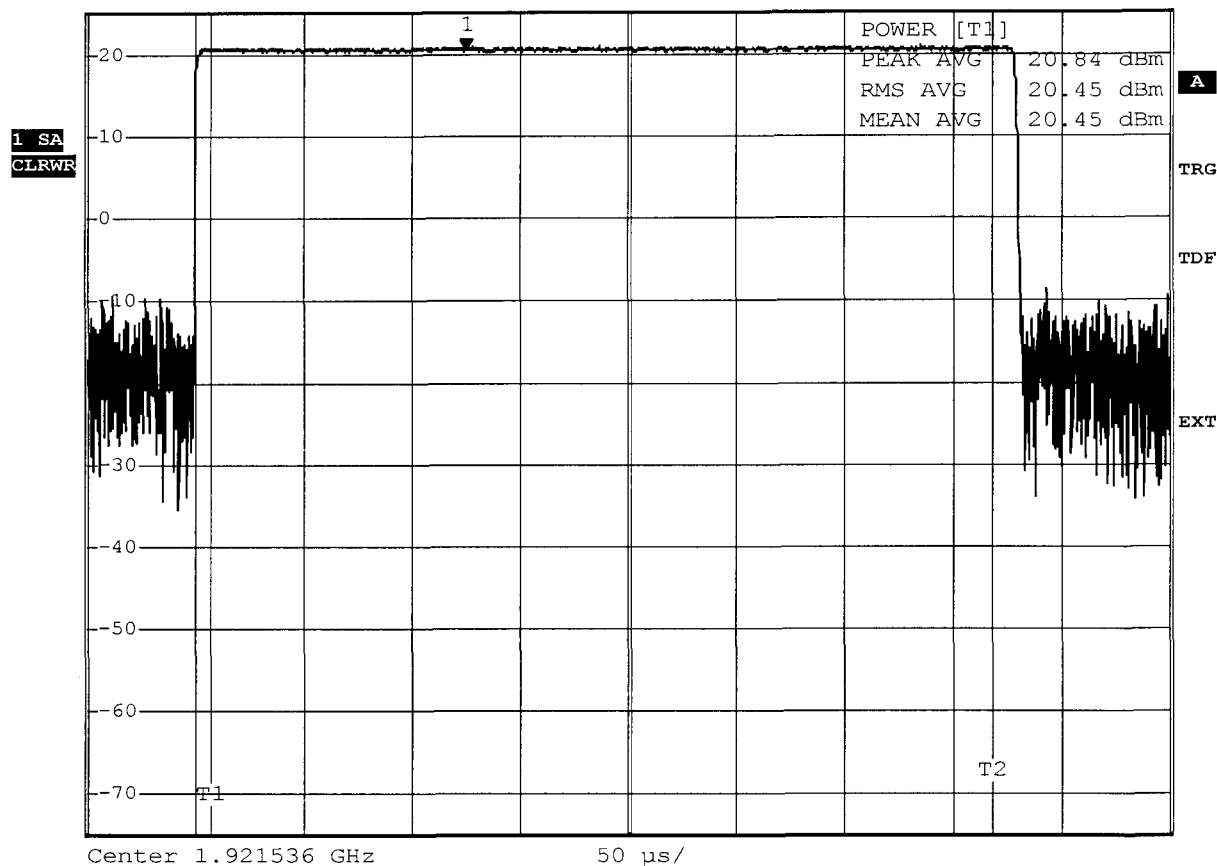
20.49 dBm

Ref 25 dBm

*Att 60 dB

SWT 500 µs

124.750000 µs



Comment: Ansi C63.17-1998 6.1.2

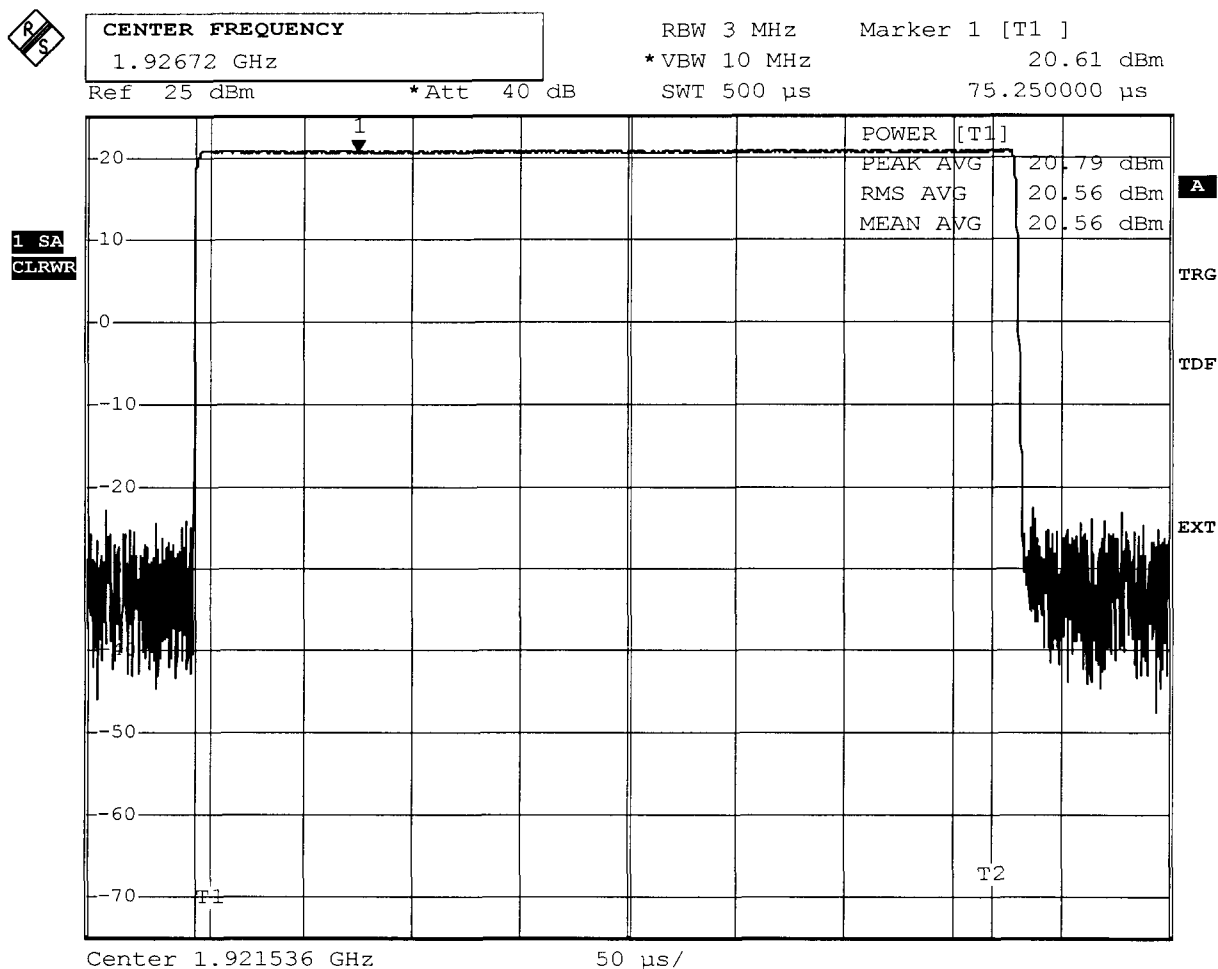
Date: 27.JAN.2006 15:23:37

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft ANSI C63.17-1998 6.1.2
UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Umax
Measured Bandwidth	1.49MHz
Max. Permitted Power	20,86 dBm
Measured Power	20,79 dBm
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.2
Date: 9.FEB.2006 15:03:13

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft ANSI C63.17-1998 6.1.2
UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Umin
Measured Bandwidth	1.49MHz
Max. Permitted Power	20,86 dBm
Measured Power	20,82 dBm
Test result	Verdict = PASS



CENTER FREQUENCY

1.92672 GHz

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

20.58 dBm

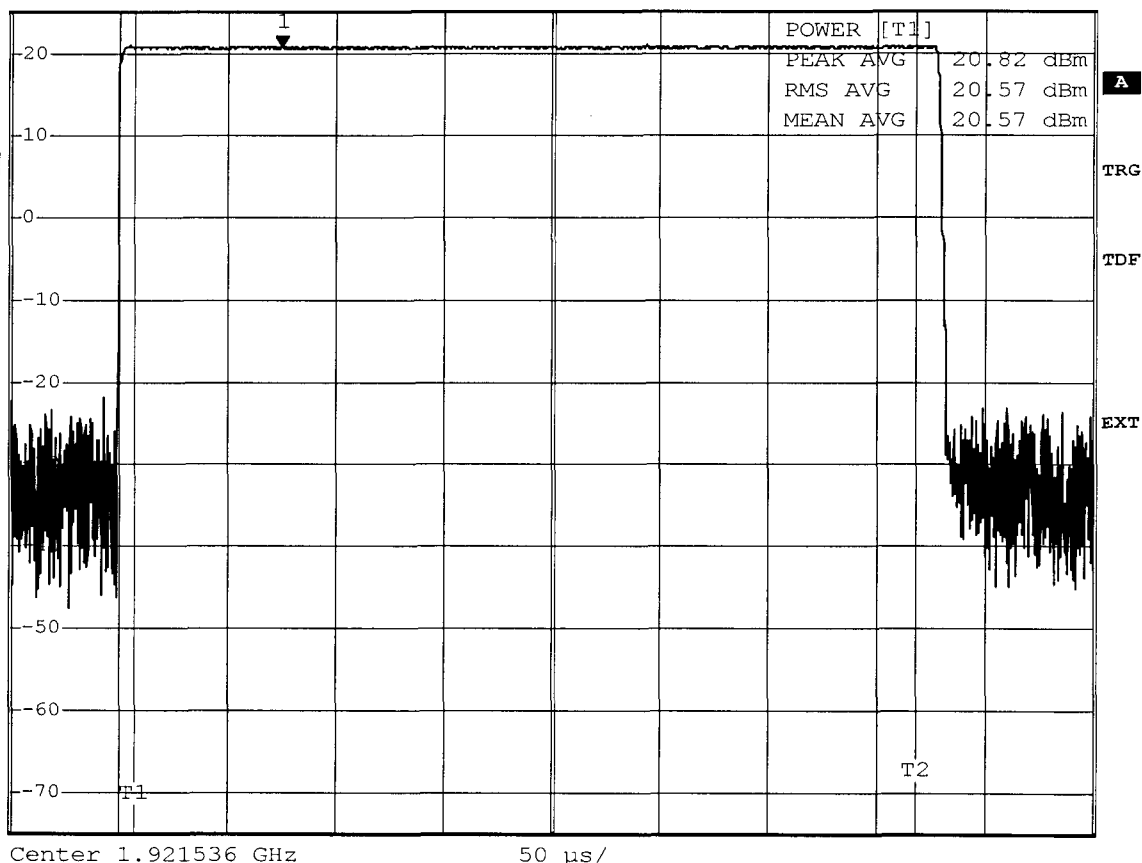
Ref 25 dBm

*Att 40 dB

SWT 500 µs

75.250000 µs

1 SA
CLRWR



Comment: Ansi C63.17-1998 6.1.2
Date: 9.FEB.2006 15:01:54

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft ANSI C63.17-1998 6.1.2
UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Unom
Measured Bandwidth	1.49MHz
Max. Permitted Power	20,86 dBm
Measured Power	20,82 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

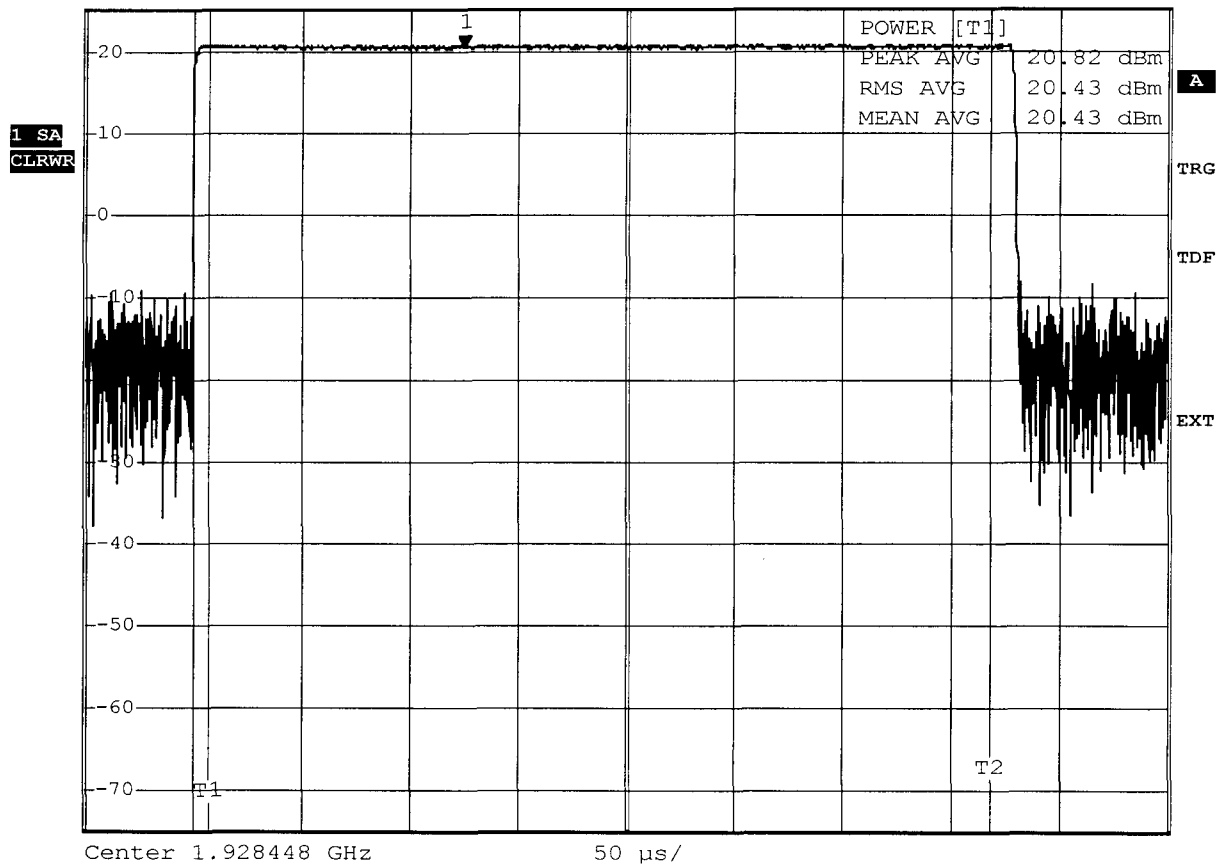
Marker 1 [T1]

*VBW 10 MHz

20.34 dBm

Ref 25 dBm

*Att 60 dB

SWT 500 μ s124.750000 μ s

Comment: Ansi C63.17-1998 6.1.2

Date: 27.JAN.2006 15:25:29

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft ANSI C63.17-1998 6.1.2

UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Umax
Measured Bandwidth	1.49MHz
Max. Permitted Power	20,86 dBm
Measured Power	20,84 dBm
Test result	Verdict = PASS



CENTER FREQUENCY

1.92672 GHz

Ref 25 dBm

*Att 40 dB

RBW 3 MHz

*VBW 10 MHz

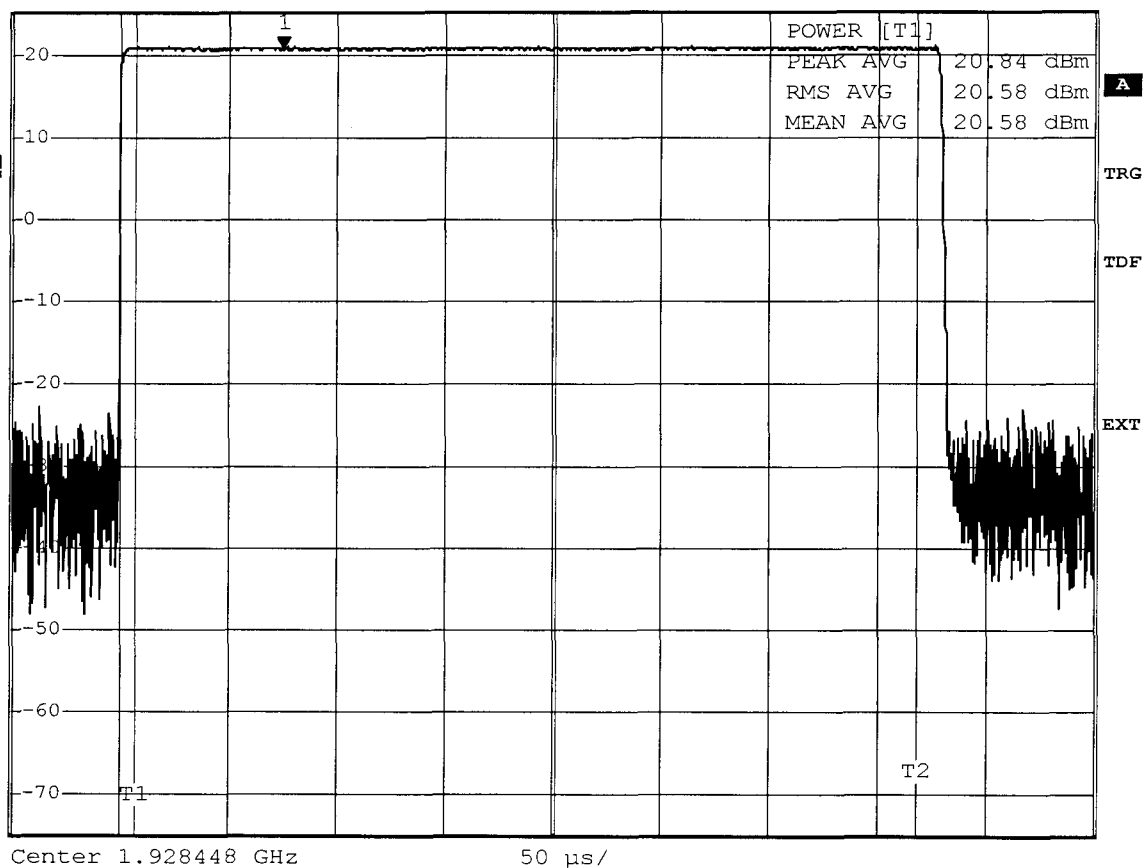
SWT 500 µs

Marker 1 [T1]

20.67 dBm

75.250000 µs

1 SA
CLRWR



Comment: Ansi C63.17-1998 6.1.2

Date: 9.FEB.2006 15:05:09

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft ANSI C63.17-1998 6.1.2

UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Umin
Measured Bandwidth	1.49MHz
Max. Permitted Power	20,86 dBm
Measured Power	20,82 dBm
Test result	Verdict = PASS



CENTER FREQUENCY

1.92672 GHz

Ref 25 dBm

*Att 40 dB

RBW 3 MHz

*VBW 10 MHz

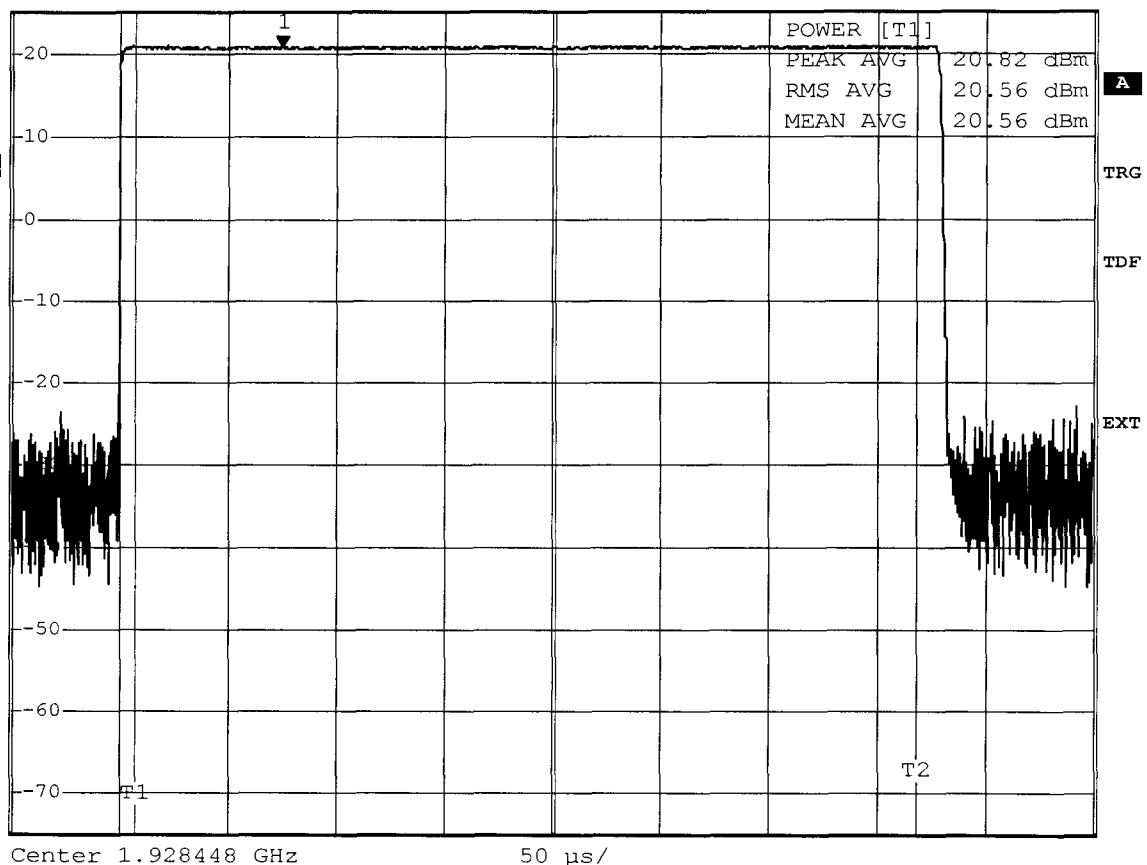
SWT 500 μ s

Marker 1 [T1]

20.60 dBm

75.250000 μ s

1 SA
CLRWR



Comment: Ansi C63.17-1998 6.1.2

Date: 9.FEB.2006 15:07:01

Measurement diagram

Appendix G

Power spectral density

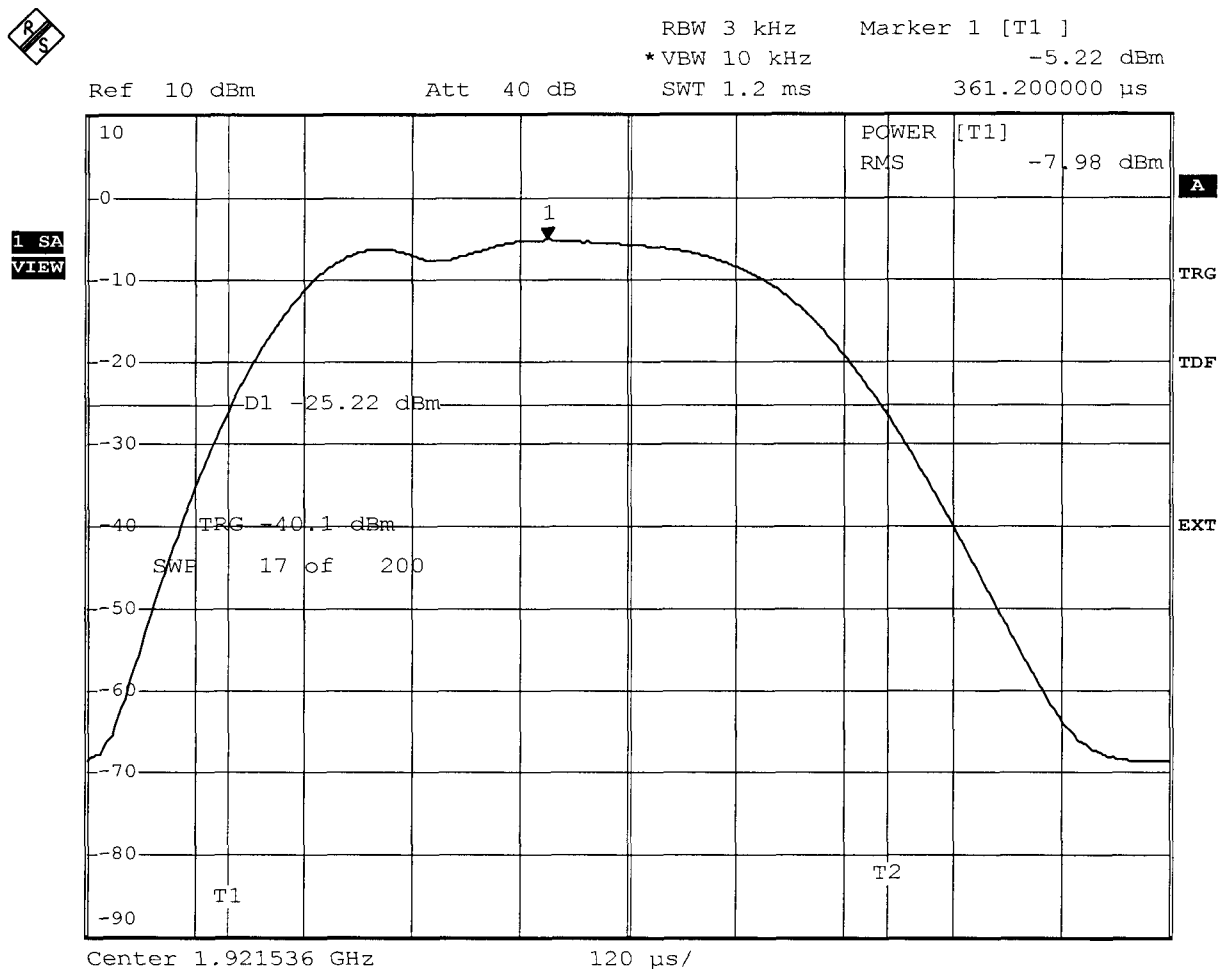
FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-1998 6.1.5

UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum	-7.98 dBm
Value in mW	0.159 mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.5
 Date: 28.JAN.2006 10:47:43

Measurement diagram

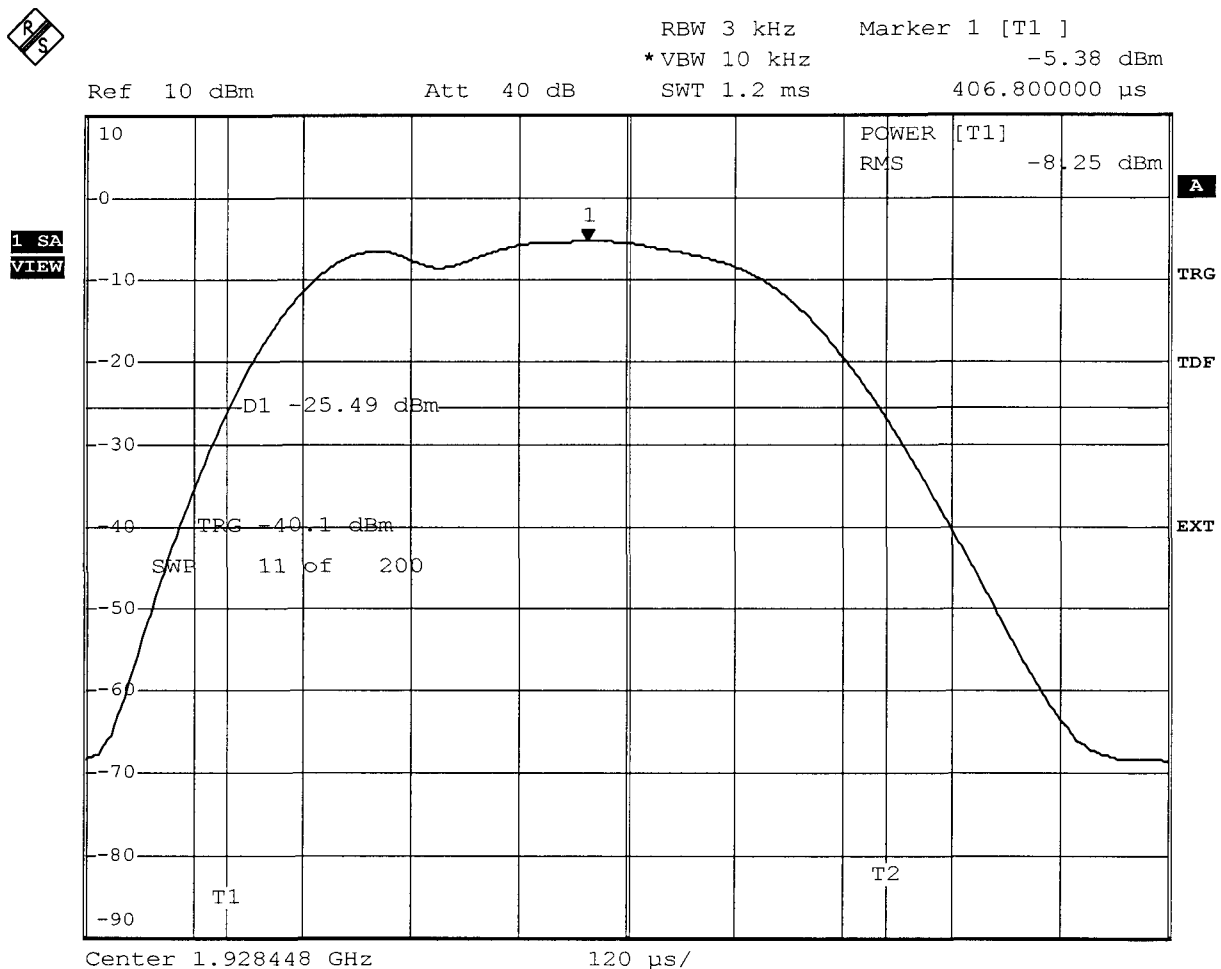
FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-1998 6.1.5

UPCS

EUT	Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))
Model	S500-A8-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum	-8.25 dBm
Value in mW	0.148 mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.5
 Date: 28.JAN.2006 11:02:15

Measurement diagram

Appendix H

Directional gain of the antenna

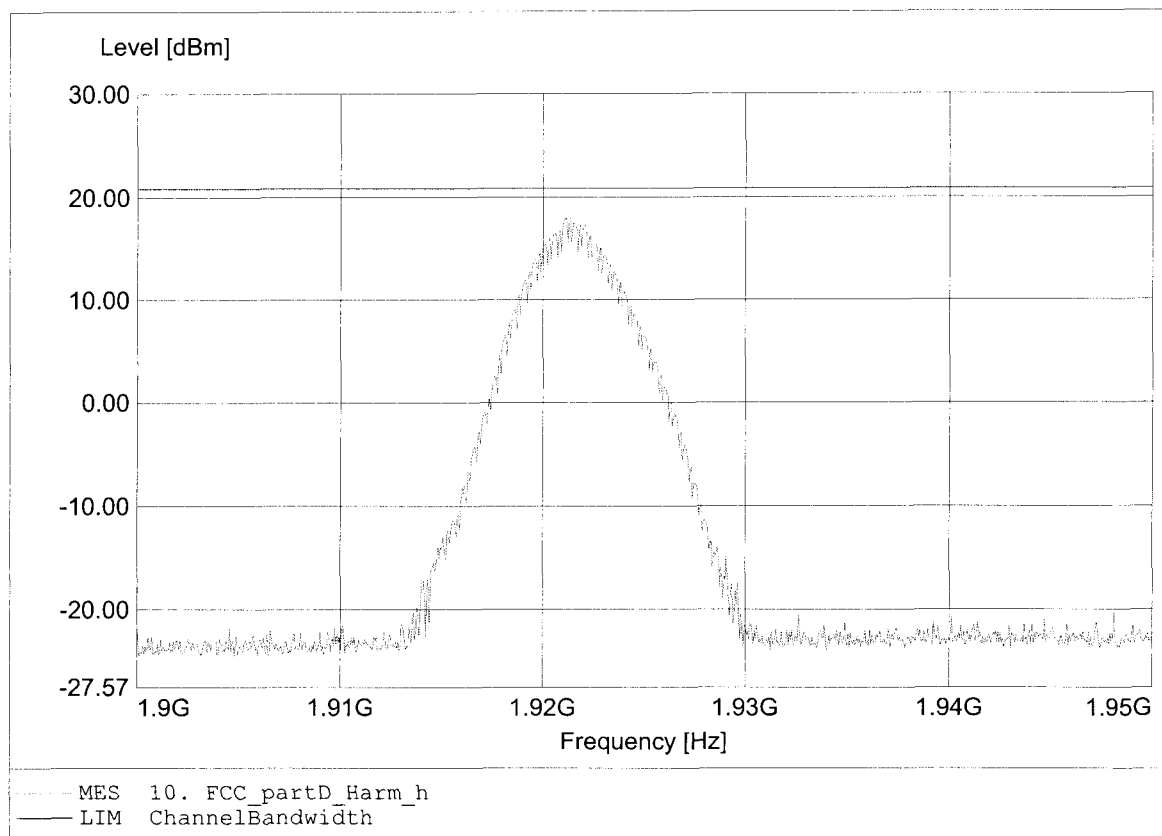
Appendix I

Radio frequency radiation exposure

Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

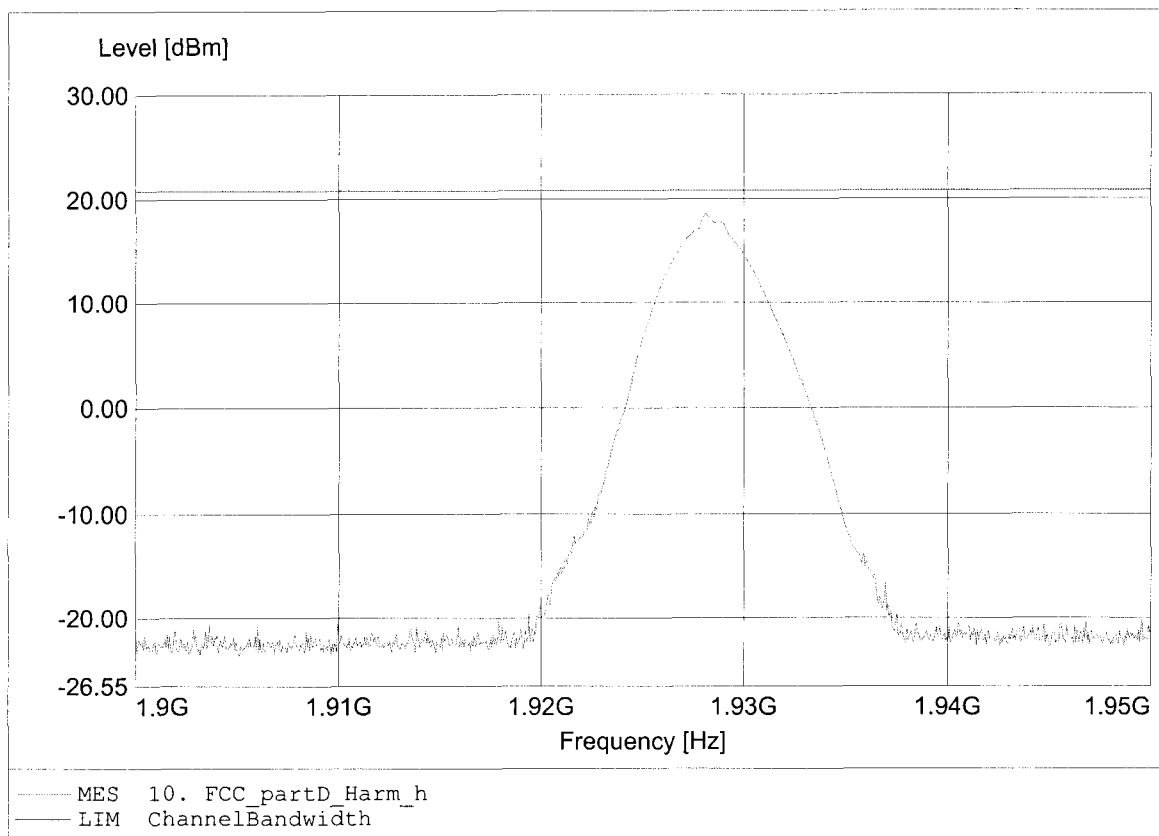
Approval Holder: Kirk telecom A/S
EUT: Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station)
Model: S500-A8-1G9 / 1921.54 MHz / ant.: 1
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 120 V AC (AC/DC adaptor)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq: 1.921 GHz Pmax: 18.12 dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

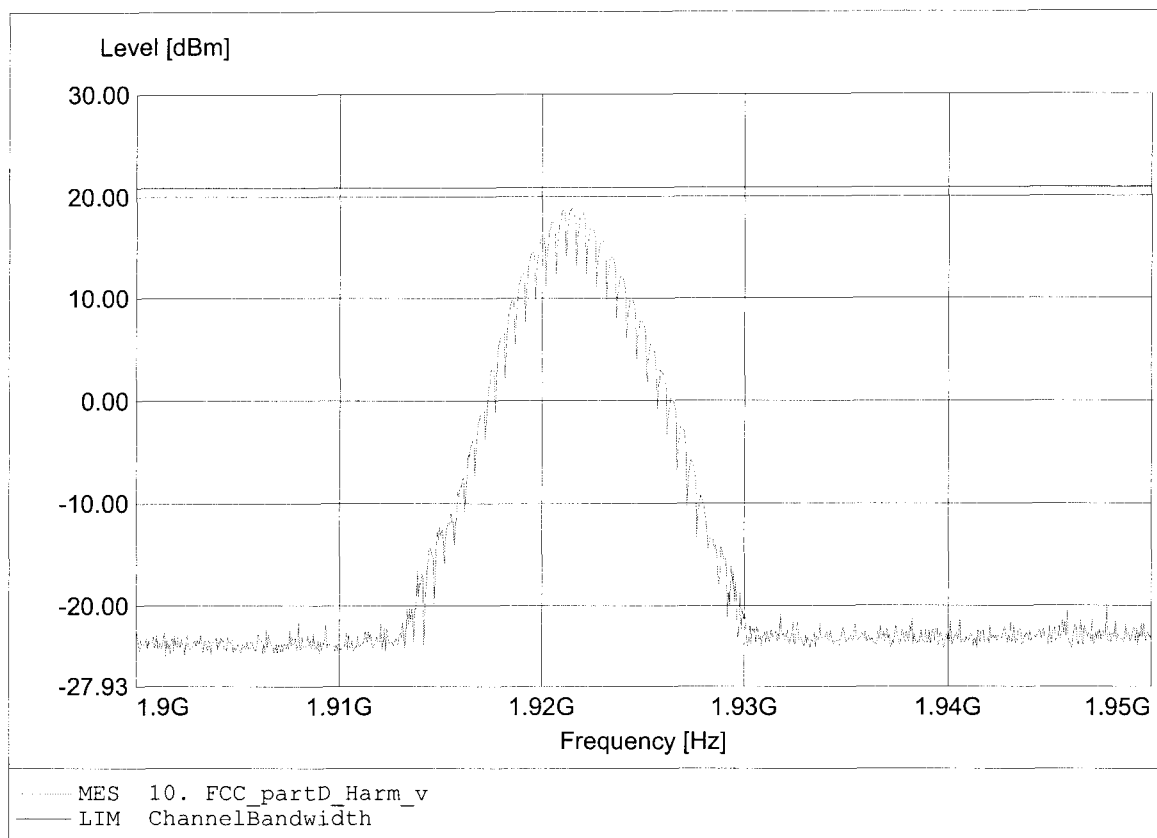
Approval Holder: Kirk telecom A/S
EUT: Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station)
Model: S500-A8-1G9 / 1928.448 MHz / ant.: 1
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 120 V AC (AC/DC adaptor)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.928GHz Pmax:18.52dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

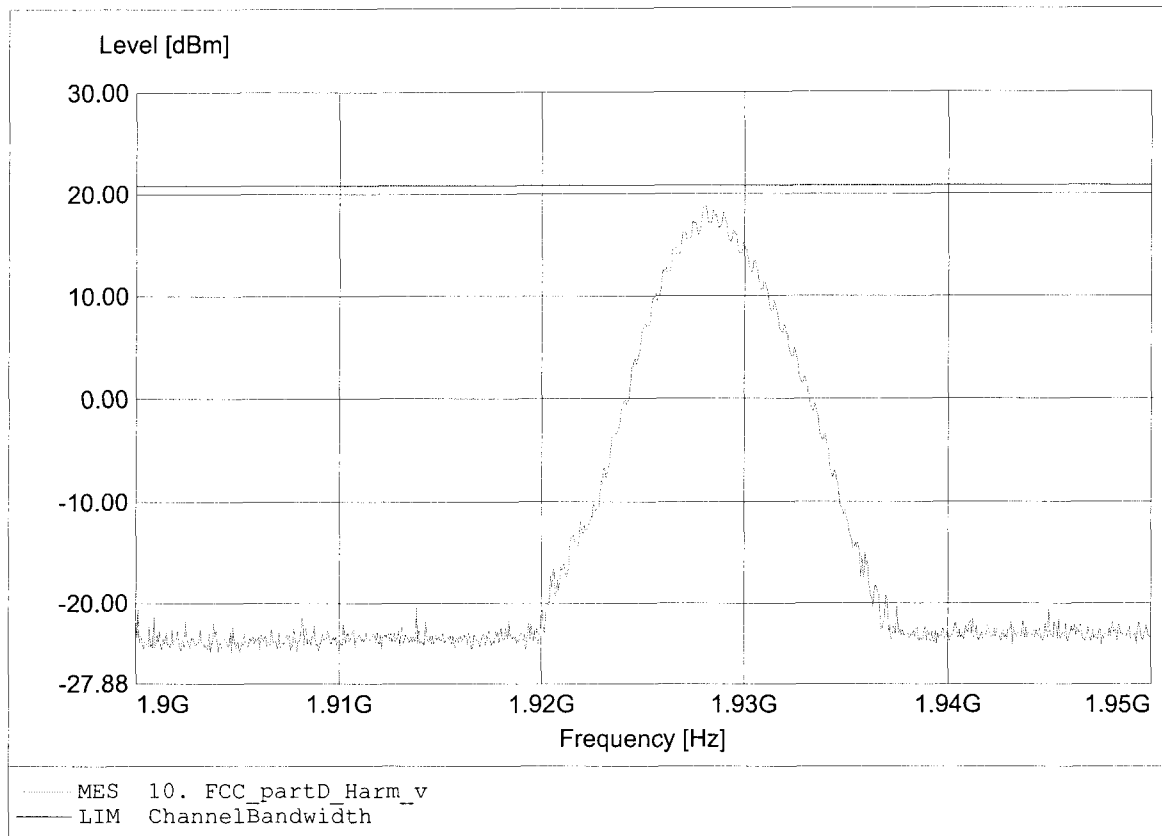
Approval Holder: Kirk telecom A/S
EUT: Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station)
Model: S500-A8-1G9 / 1921.54 MHz / ant.: 1
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 120 V AC (AC/DC adaptor)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq: 1.921 GHz Pmax: 18.82 dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

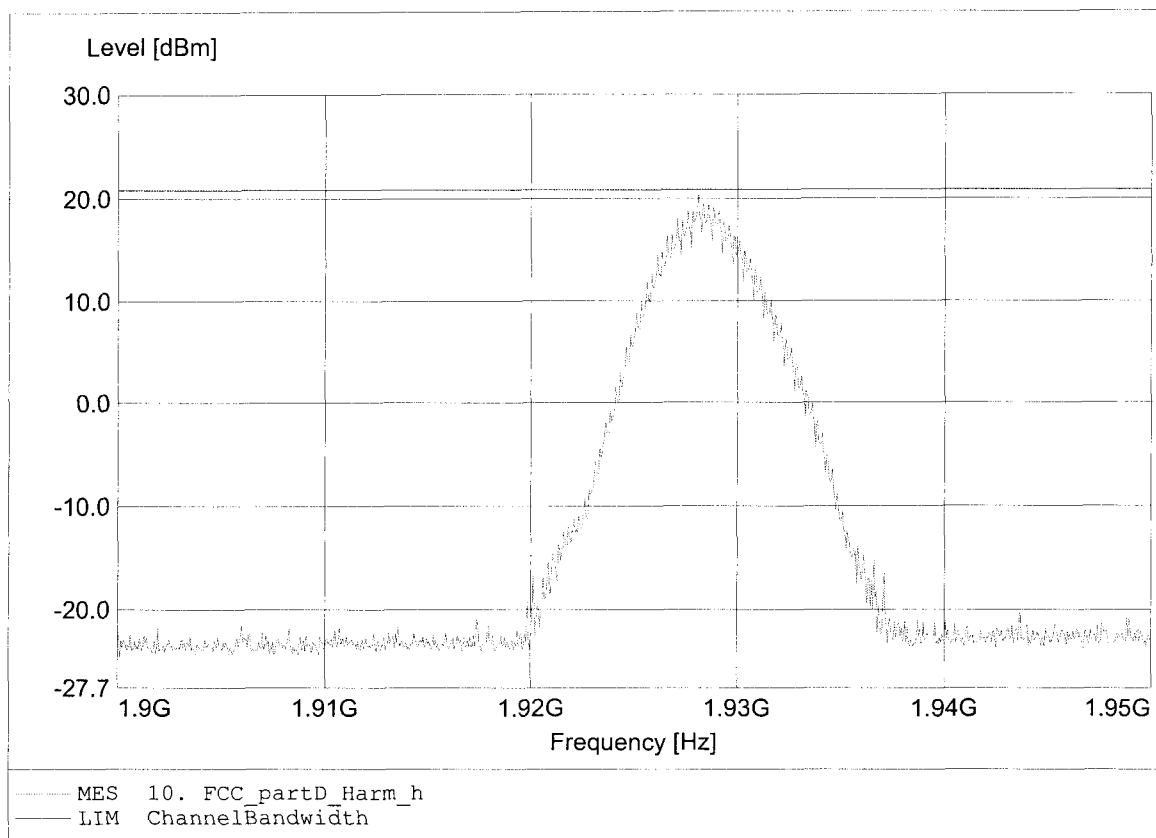
Approval Holder: Kirk telecom A/S
EUT: Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station)
Model: S500-A8-1G9 / 1928.448 MHz / ant.: 1
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 120 V AC (AC/DC adaptor)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq: 1.928 GHz Pmax: 18.78 dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

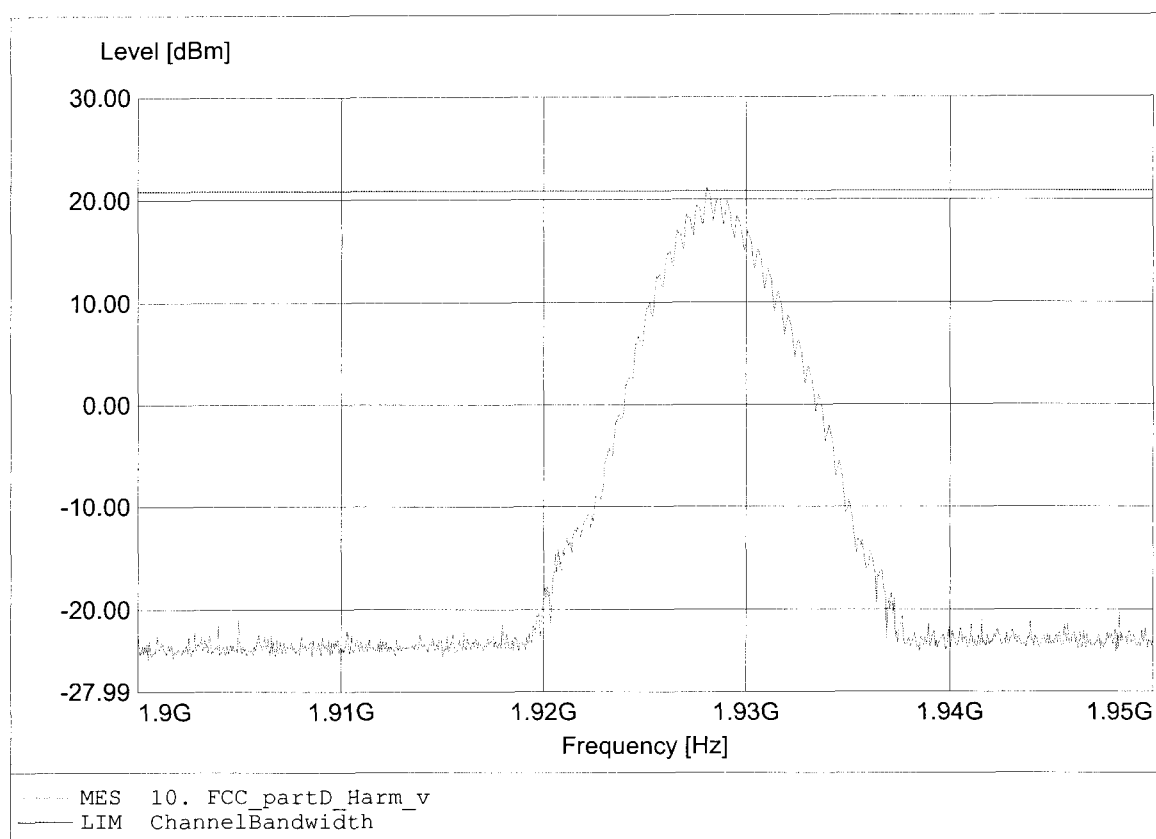
Approval Holder: Kirk telecom A/S
EUT: Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station)
Model: S500-A8-1G9 / 1928.448 MHz / ant.: 2
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 120 V AC (AC/DC adaptor)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.928GHz Pmax:20.40dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

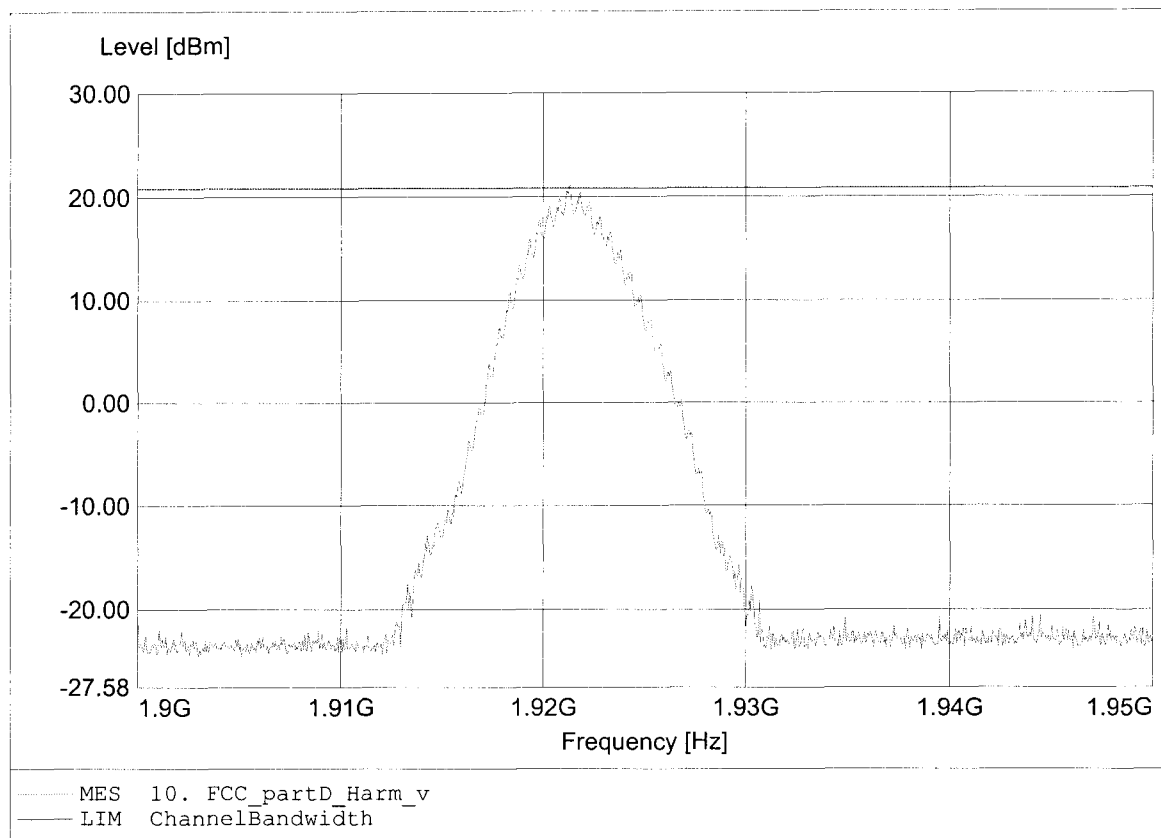
Approval Holder: Kirk telecom A/S
EUT: Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station)
Model: S500-A8-1G9 / 1928.448 MHz / ant.: 2
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 120 V AC (AC/DC adaptor)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq: 1.928 GHz Pmax: 21.22 dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

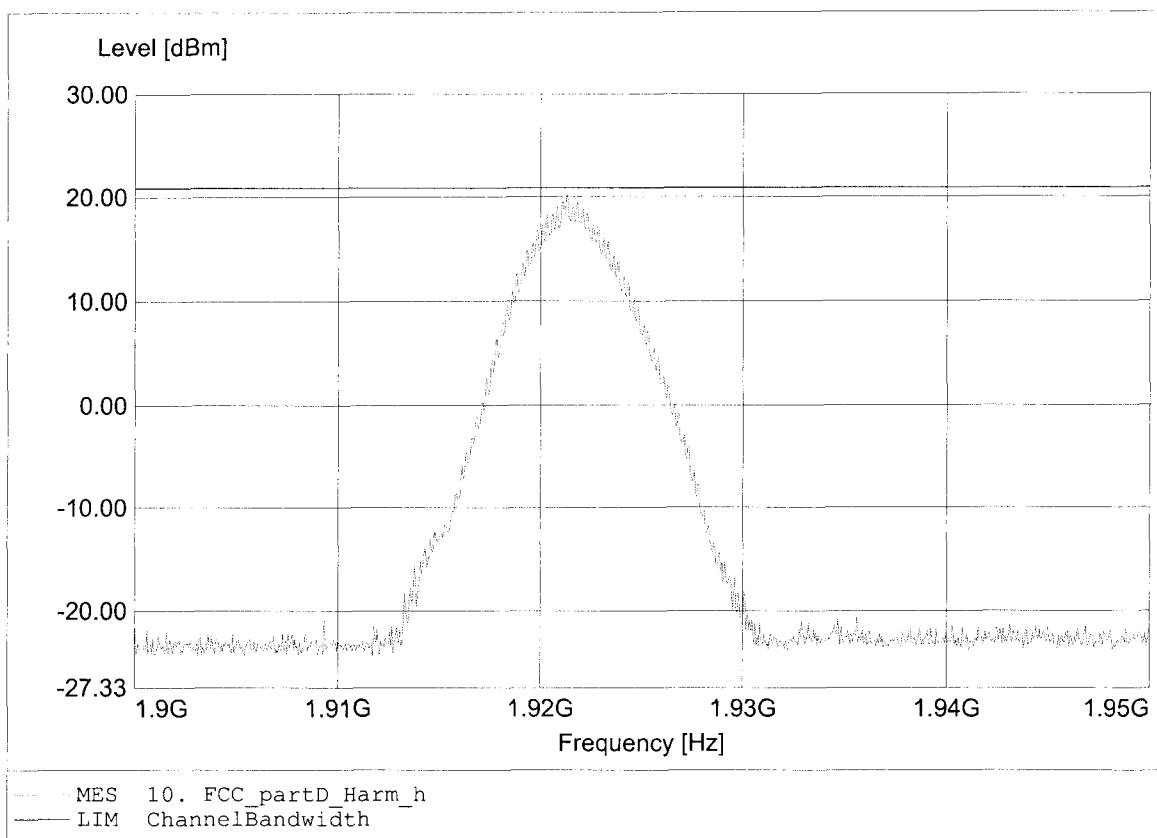
Approval Holder: Kirk telecom A/S
EUT: Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station)
Model: S500-A8-1G9 / 1921.54 MHz / ant.: 2
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 120 V AC (AC/DC adaptor)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq: 1.921 GHz Pmax: 21.13 dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

Approval Holder: Kirk telecom A/S
EUT: Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station)
Model: S500-A8-1G9 / 1921.54 MHz / ant.: 2
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 23°C / Unom: 120 V AC (AC/DC adaptor)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq: 1.921 GHz Pmax: 20.13 dBm RBW: 5 MHz



Appendix J

Monitoring threshold

Test case Rev. Draft ANSI_7.3.2_upper_theshold.xml
 Date 28.01.2006 13:03:37
 Reference to the EUT G0M20601-0150 / S500-A8-1G9
 Comment: initial setup
 Wireless Server 500-A8 1.) GHz (DECT based UPCS Base
 station (RFP))
 KIRK telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:00:52.1875000	-51,7 -52,5	-51,5 -52,3	-51,8 -52,5	-51,8 -52,4	-51,8 -52,3	-52,0 dBm
00:01:08.5000000	-52,7 -53,5	-52,5 -53,3	-52,6 -53,5	-52,7 -53,4	-52,7 -53,3	-53,0 dBm
00:01:27.7187500	-53,6 -54,5	-53,4 -54,3	-53,6 -54,5	-53,7 -54,4	-53,7 -54,4	-54,0 dBm
00:01:44.2500000	-54,7 -55,6	-54,6 -55,4	-54,7 -55,6	-54,7 -55,5	-54,8 -55,5	-55,0 dBm
00:02:07.8437500	-55,6 -56,5	-55,5 -56,4	-55,6 -56,6	-55,8 -56,6	-55,6 -56,5	-56,0 dBm
00:02:23.7812500	-56,5 -57,5	-56,5 -57,4	-56,6 -57,5	-56,6 -57,5	-56,7 -57,4	-57,0 dBm
00:02:37.8750000	-57,5 -58,5	-57,4 -58,3	-57,6 -58,5	-57,6 -58,5	-57,6 -58,5	-58,0 dBm
00:02:58.0781250	-58,4 -59,5	-58,2 -59,4	-58,6 -59,6	-58,5 -59,5	-58,6 -59,6	-59,0 dBm
00:03:18.3593750	-49,9 -60,4	-41 -60,1	-29,9 -58,4	-16,8 -40,6	-39,5 -60,1	Upper threshold level: -60,0 dBm

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 31.01.2006 14:57:43
 Reference to the EUT G0M20601-0150 / S500-A8-1G9
 Comment: 7.3.3_B
 Wireless Server 500-A8 1.) GHz (DECT based UPCS Base
 station (RFP))
 KIRK telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:01:40.2968750	-82,1 -91,1	-81,5 -91	-81,5 -90,9	-81,9 -90,8	-82,1 -91,1	Interferer off
00:01:46.0312500	-58,5 -59,1	-58,5 -59,1	-58,8 -59,4	-71 -73,2	-75,4 -80,3	Interferer on
00:01:55.9531250	-50,9 -57,8	-48,3 -57,9	-39,7 -58,2	-29,2 -61,6	-17,2 -41,2	OK 1
00:02:01.8750000	-58,3 -58,8	-58,3 -58,8	-58,6 -59,2	-70,7 -73,1	-75,6 -80,3	
00:02:13.3750000	-50,1 -57,8	-49,3 -57,9	-39,4 -58,3	-29,6 -62	-17,3 -41	OK 2
00:02:18.3281250	-58,3 -58,8	-58,3 -58,8	-58,6 -59,2	-70,8 -73,1	-75,3 -80,4	
00:02:24.3593750	-55,9 -57,8	-49 -57,9	-40,3 -58,3	-29,3 -61,6	-17 -40,8	OK 3
00:02:29.3906250	-58,2 -58,8	-58,3 -58,8	-58,6 -59,2	-70,2 -73,1	-75,3 -80,2	
00:02:35.7187500	-51 -57,8	-44,8 -57,8	-40,3 -58,3	-29,1 -61,4	-17,3 -41,1	OK 4
00:02:39.2031250	-58,3 -58,8	-58,3 -58,8	-58,6 -59,2	-70,7 -73,1	-75,3 -80,2	
00:02:45.3437500	-50,3 -57,8	-48,2 -57,9	-40,2 -58,3	-29,2 -61,6	-17,2 -40,2	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 31.01.2006 15:03:33
 Reference to the EUT G0M20601-0150 / S500-A8-1G9
 Comment: 7.3.3_c
 Wireless Server 500-A8 1.) GHz (DECT based UPCS Base
 station (RFP))
 KIRK telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:07:32.8281250	-80,7 -91,1	-81,7 -91,1	-81,5 -91,1	-82,4 -90,9	-81,9 -91,2	Interference off
00:07:36.4218750	-58,6 -59,1	-58,5 -59,1	-58,8 -59,4	-75,2 -80	-70,6 -73,5	Interference on
00:07:48.0937500	-45 -57,7	-38,6 -57,7	-29,2 -56,9	-16,9 -40,3	-36,5 -67,2	OK 1
00:07:54.9843750	-58,1 -58,7	-58,2 -58,8	-58,7 -59,2	-75,1 -79,9	-71,3 -73,5	
00:08:02.1875000	-49,3 -57,8	-39 -57,7	-29,3 -56,9	-17,1 -40,7	-37,2 -67,7	OK 2
00:08:04.5937500	-58,2 -58,7	-58,2 -58,6	-58,5 -59	-75,4 -79,7	-70,8 -73,3	
00:08:10.4062500	-44,9 -57,7	-39,2 -57,7	-29,1 -56,9	-17,3 -41	-37,1 -67,5	OK 3
00:08:12.7968750	-58,1 -58,7	-58,1 -58,7	-58,6 -59,1	-75,2 -79,8	-70,8 -73,4	
00:08:18.8281250	-47,4 -57,8	-38,7 -57,7	-28,9 -56,8	-17,5 -40,8	-37,3 -67,6	OK 3
00:08:21.3281250	-58,3 -58,7	-58,3 -58,7	-58,5 -59,1	-74,9 -79,8	-70,7 -73,4	
00:08:27.6562500	-45 -57,7	-39,3 -57,7	-29,7 -57	-17,6 -40,9	-36,8 -67,3	OK 4

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml

Date 31.01.2006 15:03:33

Reference to the EUT G0M20601-0150 / S500-A8-1G9

Comment: 7.3.3_c

station (RFP)) Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base

KIRK telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:07:32.8281250	-80,7 -91,1	-81,7 -91,1	-81,5 -91,1	-82,4 -90,9	-81,9 -91,2	Interference off
00:07:36.4218750	-58,6 -59,1	-58,5 -59,1	-58,8 -59,4	-75,2 -80	-70,6 -73,5	Interference on
00:07:48.0937500	-45 -57,7	-38,6 -57,7	-29,2 -56,9	-16,9 -40,3	-36,5 -67,2	OK 1
00:07:54.9843750	-58,1 -58,7	-58,2 -58,8	-58,7 -59,2	-75,1 -79,9	-71,3 -73,5	
00:08:02.1875000	-49,3 -57,8	-39 -57,7	-29,3 -56,9	-17,1 -40,7	-37,2 -67,7	OK 2
00:08:04.5937500	-58,2 -58,7	-58,2 -58,6	-58,5 -59	-75,4 -79,7	-70,8 -73,3	
00:08:10.4062500	-44,9 -57,7	-39,2 -57,7	-29,1 -56,9	-17,3 -41	-37,1 -67,5	OK 3
00:08:12.7968750	-58,1 -58,7	-58,1 -58,7	-58,6 -59,1	-75,2 -79,8	-70,8 -73,4	
00:08:18.8281250	-47,4 -57,8	-38,7 -57,7	-28,9 -56,8	-17,5 -40,8	-37,3 -67,6	OK 3
00:08:21.3281250	-58,3 -58,7	-58,3 -58,7	-58,5 -59,1	-74,9 -79,8	-70,7 -73,4	
00:08:27.6562500	-45 -57,7	-39,3 -57,7	-29,7 -57	-17,6 -40,9	-36,8 -67,3	OK 4

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml

Date 31.01.2006 14:57:43

Reference to the EUT G0M20601-0150 / S500-A8-1G9

Comment: 7.3.3_B

station (RFP)) Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base

KIRK telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHZ	1924.992 MHZ	1926.720 MHZ	1928.448 MHZ	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:01:40.2968750	-82,1 -91,1	-81,5 -91	-81,5 -90,9	-81,9 -90,8	-82,1 -91,1	Interferer off
00:01:46.0312500	-58,5 -59,1	-58,5 -59,1	-58,8 -59,4	-71 -73,2	-75,4 -80,3	Interferer on
00:01:55.9531250	-50,9 -57,8	-48,3 -57,9	-39,7 -58,2	-29,2 -61,6	-17,2 -41,2	OK 1
00:02:01.8750000	-58,3 -58,8	-58,3 -58,8	-58,6 -59,2	-70,7 -73,1	-75,6 -80,3	
00:02:13.3750000	-50,1 -57,8	-49,3 -57,9	-39,4 -58,3	-29,6 -62	-17,3 -41	OK 2
00:02:18.3281250	-58,3 -58,8	-58,3 -58,8	-58,6 -59,2	-70,8 -73,1	-75,3 -80,4	
00:02:24.3593750	-55,9 -57,8	-49 -57,9	-40,3 -58,3	-29,3 -61,6	-17 -40,8	OK 3
00:02:29.3906250	-58,2 -58,8	-58,3 -58,8	-58,6 -59,2	-70,2 -73,1	-75,3 -80,2	
00:02:35.7187500	-51 -57,8	-44,8 -57,8	-40,3 -58,3	-29,1 -61,4	-17,3 -41,1	OK 4
00:02:39.2031250	-58,3 -58,8	-58,3 -58,8	-58,6 -59,2	-70,7 -73,1	-75,3 -80,2	
00:02:45.3437500	-50,3 -57,8	-48,2 -57,9	-40,2 -58,3	-29,2 -61,6	-17,2 -40,2	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml

Date 31.01.2006 15:10:38

Reference to the EUT G0M20601-0150 / S500-A8-1G9

Comment: 7.3.3_d

Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base station (RFP))

KIRK telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:14:39.8125000	-82,3 -91	-81 -90,9	-81,1 -90,9	-82,1 -90,9	-81,4 -90,9	Interference off
00:14:58.5625000	-58,2 -58,8	-58,2 -58,8	-58,7 -59,2	-74,8 -79	-78,5 -85,3	Interference on
00:15:05.9687500	-56,7 -57,8	-46,5 -57,9	-39,5 -58,3	-29,3 -62,1	-17 -40,6	OK1
00:15:15.7968750	-58,1 -58,6	-57,9 -58,6	-58,4 -59	-74,7 -78,7	-78,5 -85,1	
00:15:21.3281250	-56,6 -57,8	-47,2 -57,9	-39,1 -58,2	-29,2 -62,1	-17,1 -40,6	OK2
00:15:24.1093750	-58,1 -58,6	-58,1 -58,7	-58,6 -59,1	-74,5 -78,8	-78,1 -85,3	
00:15:29.1406250	-57 -57,8	-49,9 -57,9	-40,3 -58,3	-29,2 -61,8	-17,1 -41	OK3
00:15:31.6406250	-58,2 -58,7	-58,3 -58,7	-58,6 -59,1	-74,9 -78,9	-78,2 -85,2	
00:15:37.6718750	-51,4 -57,8	-45,5 -57,9	-38,9 -58,2	-29 -61,7	-17,3 -41,4	OK4
00:15:39.9843750	-58,1 -58,6	-58,2 -58,6	-58,5 -59	-75 -78,8	-78,7 -85,2	
00:15:46.7031250	-53,3 -57,8	-46,2 -57,9	-38,9 -58,2	-29,2 -62	-17,5 -40,8	OK5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml

Date 31.01.2006 15:19:38

Reference to the EUT G0M20601-0150 / S500-A8-1G9

Comment: 7.3.3_e

station (RFP)) Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base

KIRK telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:23:51.2343750	-81,3 -91	-80,7 -91,1	-81,5 -90,9	-82,1 -91,1	-82,1 -91	Interference off
00:23:59.1093750	-58,3 -58,8	-58,4 -58,9	-58,7 -59,2	-77,9 -85,2	-75,4 -79,2	Interference on
00:24:07.4687500	-44,9 -57,7	-40,2 -57,7	-29,6 -57	-17,3 -40,9	-36,9 -68,3	OK 1
00:24:10.8593750	-58,3 -58,8	-58,3 -58,8	-58,6 -59,2	-78,6 -85	-74,9 -79,2	
00:24:17.9687500	-47,2 -57,8	-39,9 -57,8	-29,3 -56,9	-17,1 -40,7	-37 -68,4	OK 2
00:24:22.5156250	-58,2 -58,7	-58,3 -58,8	-58,7 -59,2	-77,2 -84,8	-74,4 -79,2	
00:24:28.8281250	-47,3 -57,7	-38,7 -57,7	-29,2 -56,8	-16,9 -40,7	-36,7 -67,9	OK 3
00:24:34.2500000	-58,2 -58,7	-58,3 -58,8	-58,6 -59,2	-78,5 -85,2	-74,7 -79,2	
00:24:41.6562500	-47,3 -57,8	-39,9 -57,7	-29,1 -56,8	-17,3 -40,9	-36,8 -68,4	OK 4
00:24:44.7500000	-58,2 -58,8	-58,2 -58,8	-58,6 -59,2	-77,7 -84,9	-74,7 -79,2	
00:24:51.4687500	-45 -57,7	-39,9 -57,8	-29,1 -56,8	-17,4 -41,2	-37,2 -68,4	OK 5

Log file

Appendix K

Monitoring of intended transmit window and maximum reaction time

Test case Rev. Draft ANSI_7.5_reaction_time_high_ch.xml
 Date 02.02.2006 15:05:06
 Reference to the EUT G0M20601-0150 / S500-A8-1G9
 Comment: 7.5_high_ch_50 / 35us
 Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base
 station (RFP))
 KIRK telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:07:33.3593750	-81,7 -91	-81,6 -91,2	-81,1 -90,8	-81 -91,1	-80,6 -90,9	No interference
00:07:45.5000000	-54,4 -85,8	-46,9 -79,6	-39,6 -72,7	-29,3 -62,2	-17,4 -41	Dummy on channel 0
00:08:10.9687500	-57,5 -58,2	-57,6 -58,2	-57,4 -58,2	-57,8 -58,4	-53,1 -69,2	50µs interferer on, Dummy release
00:08:20.6875000	-29,5 -62,3	-16,8 -42	-36,6 -68,2	-44,6 -76,9	-51,9 -83,4	No interference
00:09:19.9687500	-57,6 -58,2	-57,5 -58,2	-57,2 -58,2	-57,8 -58,5	-49,1 -68,1	35µs interferer on, Dummy release

Log file

Test case Rev. Draft ANSI_7.5_reaction_time_low_ch.xml
 Date 02.02.2006 15:13:20
 Reference to the EUT G0M20601-0150 / S500-A8-1G9
 Comment: 7.5_low_ch_50 /35us
 Wireless Server 500-A8 1.9 GHz (DECT based UPCS Base
 station (RFP))
 KIRK telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:15:53.3593750	-81,1 -91	-80,6 -90,9	-81,7 -90,8	-81,9 -91,2	-82 -90,9	Interference off
00:16:01.1406250	-54,7 -85,7	-46,9 -79,7	-39,1 -72	-29,2 -61,9	-17,4 -42,1	Dummy on channel 0
00:16:29.1250000	-59,3 -75,2	-57,6 -58,2	-57,5 -58,2	-57,6 -58,3	-58 -58,6	50 µs Interference on, Dummy release
00:16:40.3125000	-39,5 -72,5	-29,2 -62	-17 -40,4	-36,8 -68,6	-44,7 -77,5	Interference off
00:17:38.6093750	-53,5 -70,6	-57,6 -58,2	-57,6 -58,2	-57,7 -58,4	-57,8 -58,6	35 µs Interference on, Dummy release

Log file