

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

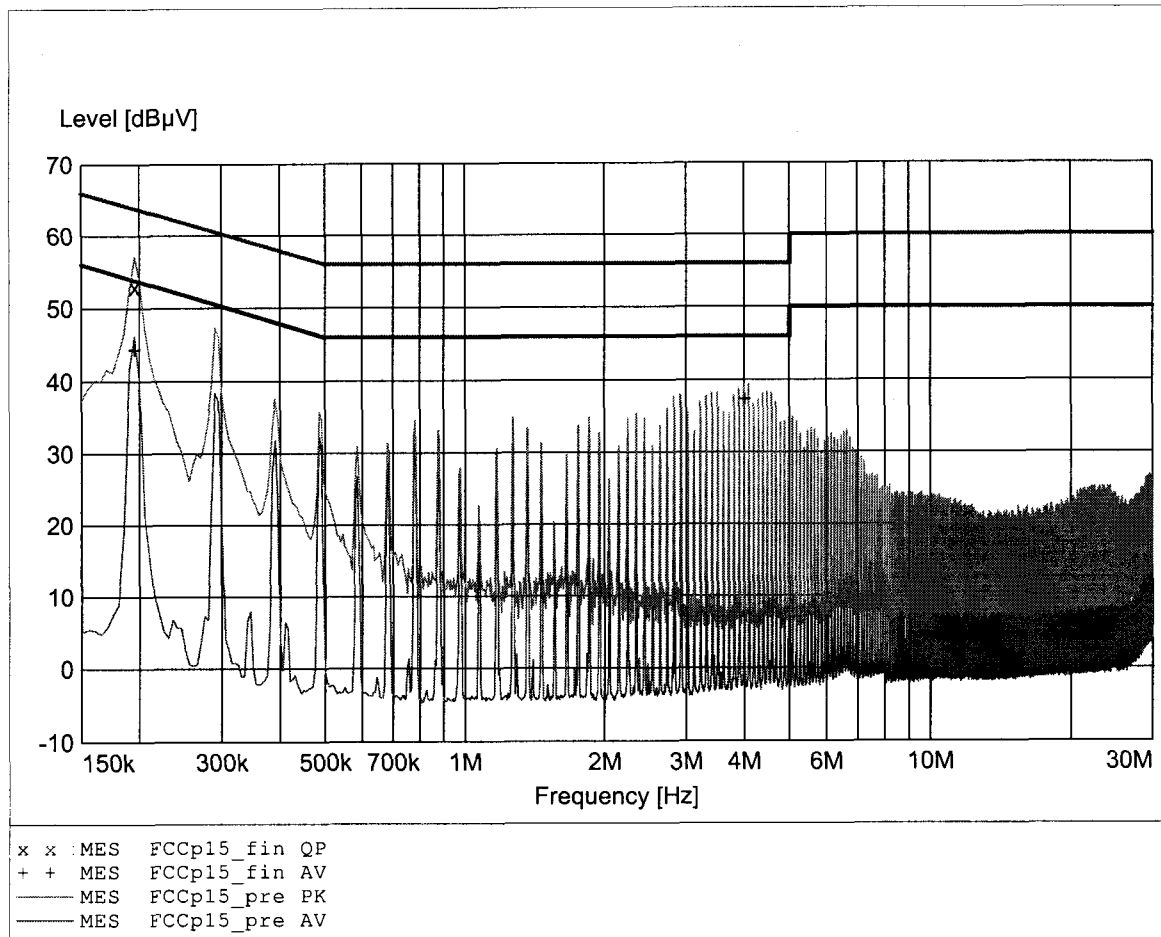
Reference to Subpart B

Appendix D

Conducted limits AC Power line

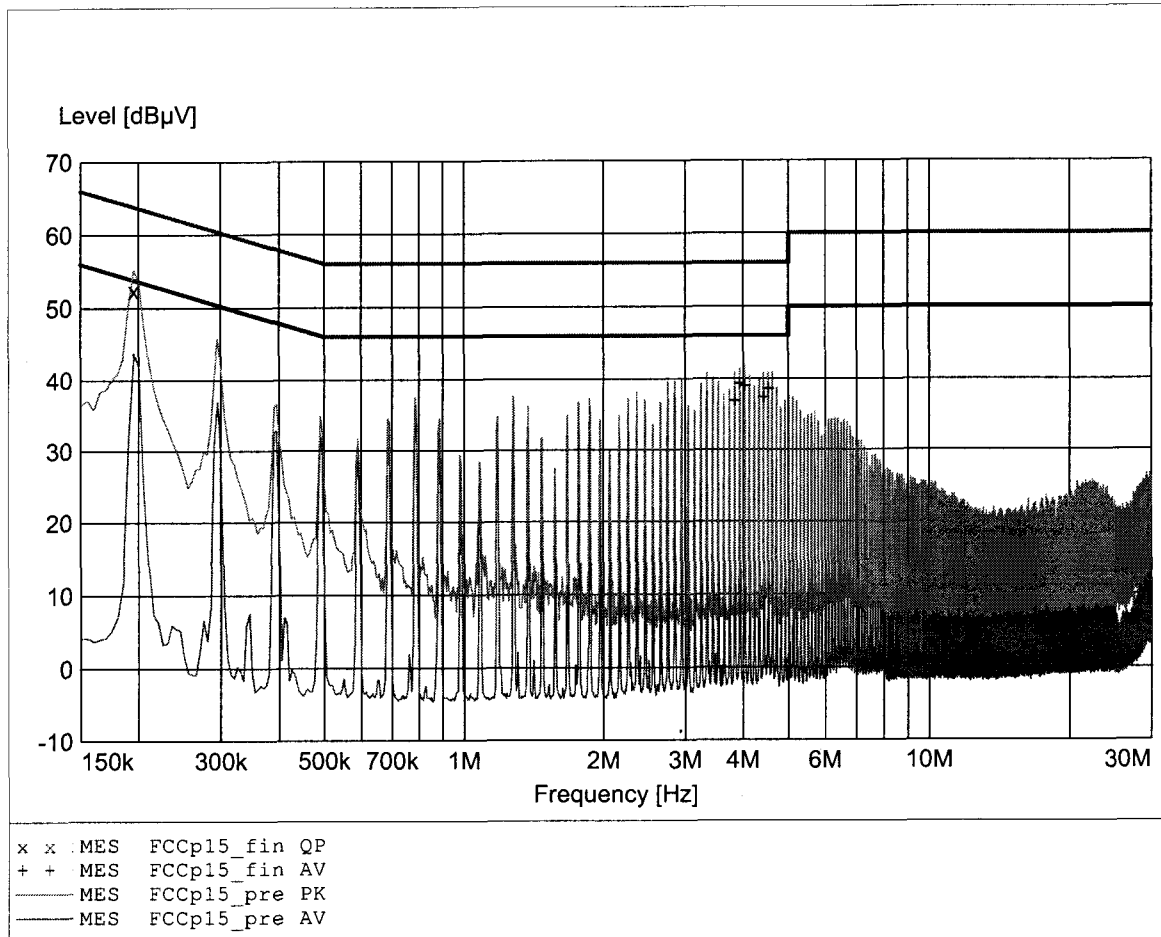
EMI voltage test in the ac-mains according to FCC part 15

EUT: Wireless Server 500-A8 1.9 HHZ (DECT based UPCS (DECT based)
Manufacturer: KIRK telecom A/S
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: IP600-12 1G9 brand name: KIRK telecom A/S
Adaptor: SA15-2406G (8464 2449)



EMI voltage test in the ac-mains according to FCC part 15

EUT: Wireless Server 500-A8 1.9 HHZ (DECT based UPCS (DECT based)
Manufacturer: KIRK telecom A/S
Operating Condition: Unom: 120V AC (AC/DC Adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: IP600-12 1G9 brand name: KIRK telecom A/S
Adaptor: SA15-2406G (8464 2449)



Appendix E

Emission bandwidth

FCC Part 15.303(b) Emission bandwidth

Testprocedure Rev. Draft ANSI 63.17-1998 6.1.3 UPCS

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 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 = 1.47MHz
Max. Permitted BW	Limit = 2.5 MHz

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



Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]

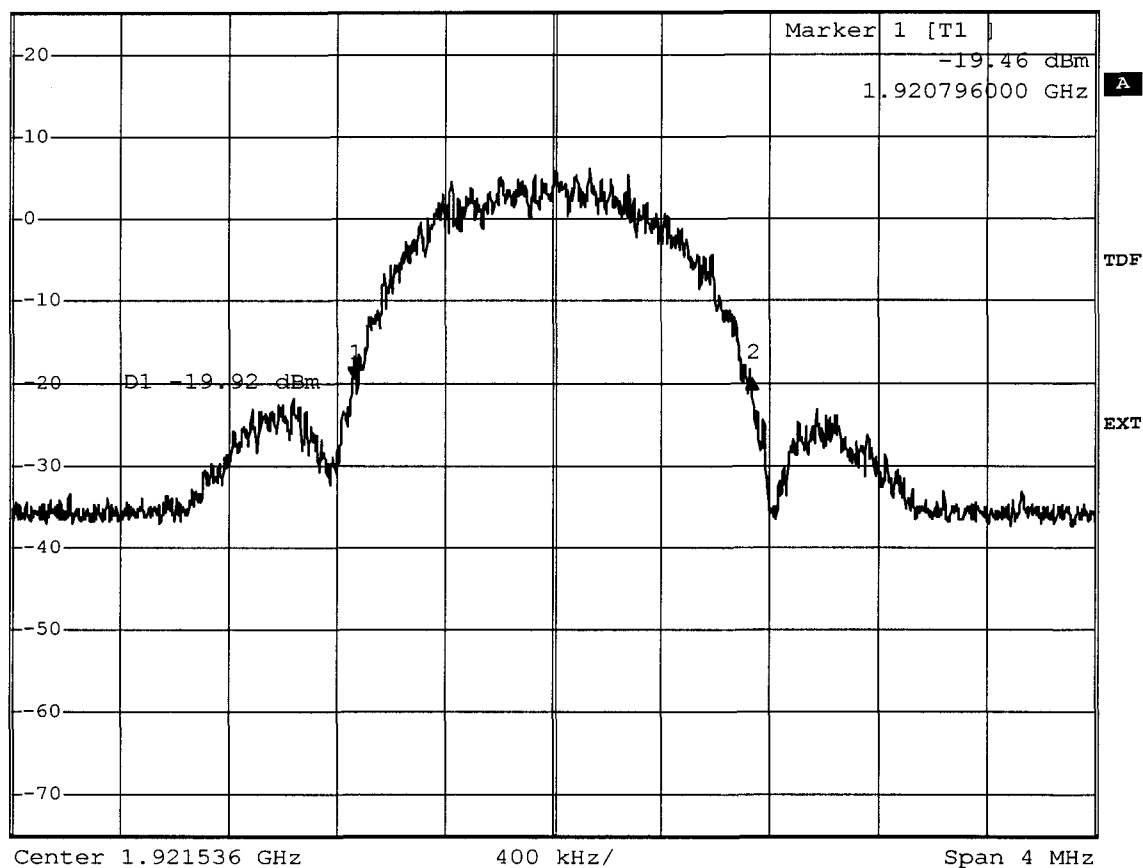
*VBW 30 kHz 0.00 dB

Ref 25 dBm

*Att 50 dB

SWT 40 ms

1.474000000 MHz

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.3
Date: 2.FEB.2006 11:36:33

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 : 1921.098MHz
Higher frequency : 1921.964MHz

-12 dB points

Lower frequency : 1920.95MHz
Higher frequency : 1922.13MHz

FCC Part 15.303(b) Emission bandwidth

Testprocedure Rev. Draft ANSI 63.17-1998 6.1.3 UPCS

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 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 = 1.48MHz
Max. Permitted BW	Limit = 2.5 MHz

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



Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]

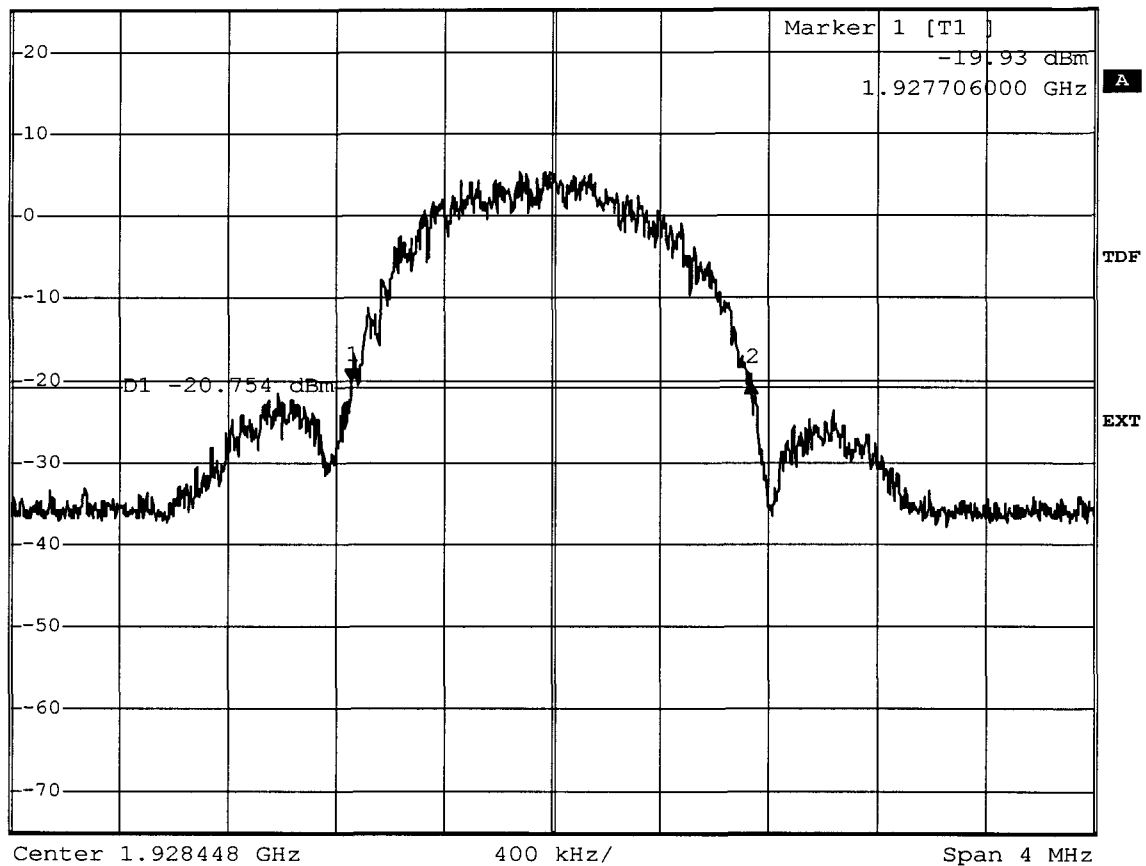
*VBW 30 kHz -0.34 dB

Ref 25 dBm

*Att 50 dB

SWT 40 ms

1.480000000 MHz

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.3
Date: 2.FEB.2006 11:39:20

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 : 1927.966MHz
Higher frequency : 1928.864MHz

-12 dB points

Lower frequency : 1927.864MHz
Higher frequency : 1929.032MHz

Appendix F

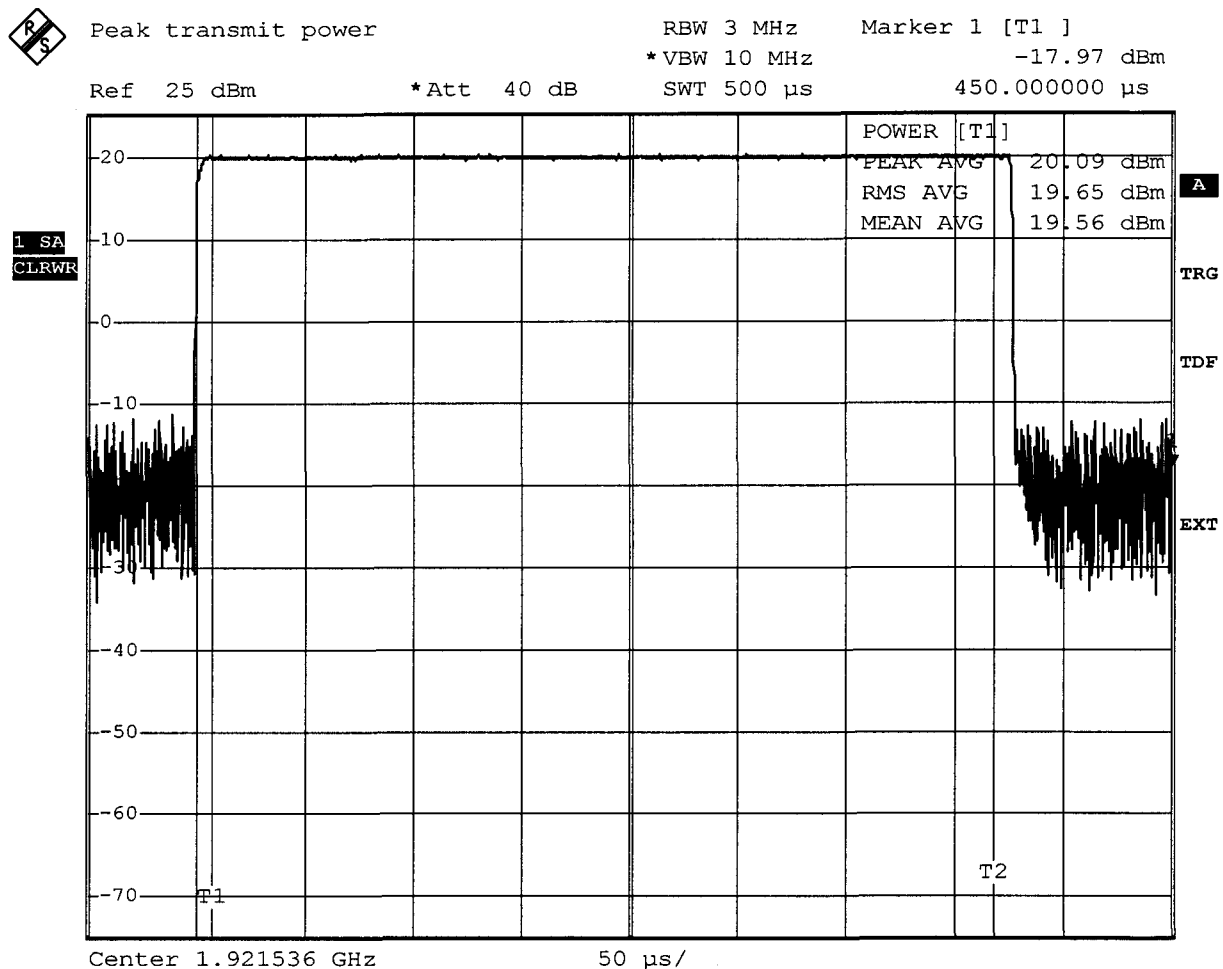
Peak Transmit Power

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft ANSI C63.17-1998 6.1.2

UPCS

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 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	1.48MHz
Max. Permitted Power	20,85 dBm
Measured Power	20,09 dBm
Test result	Verdict = PASS



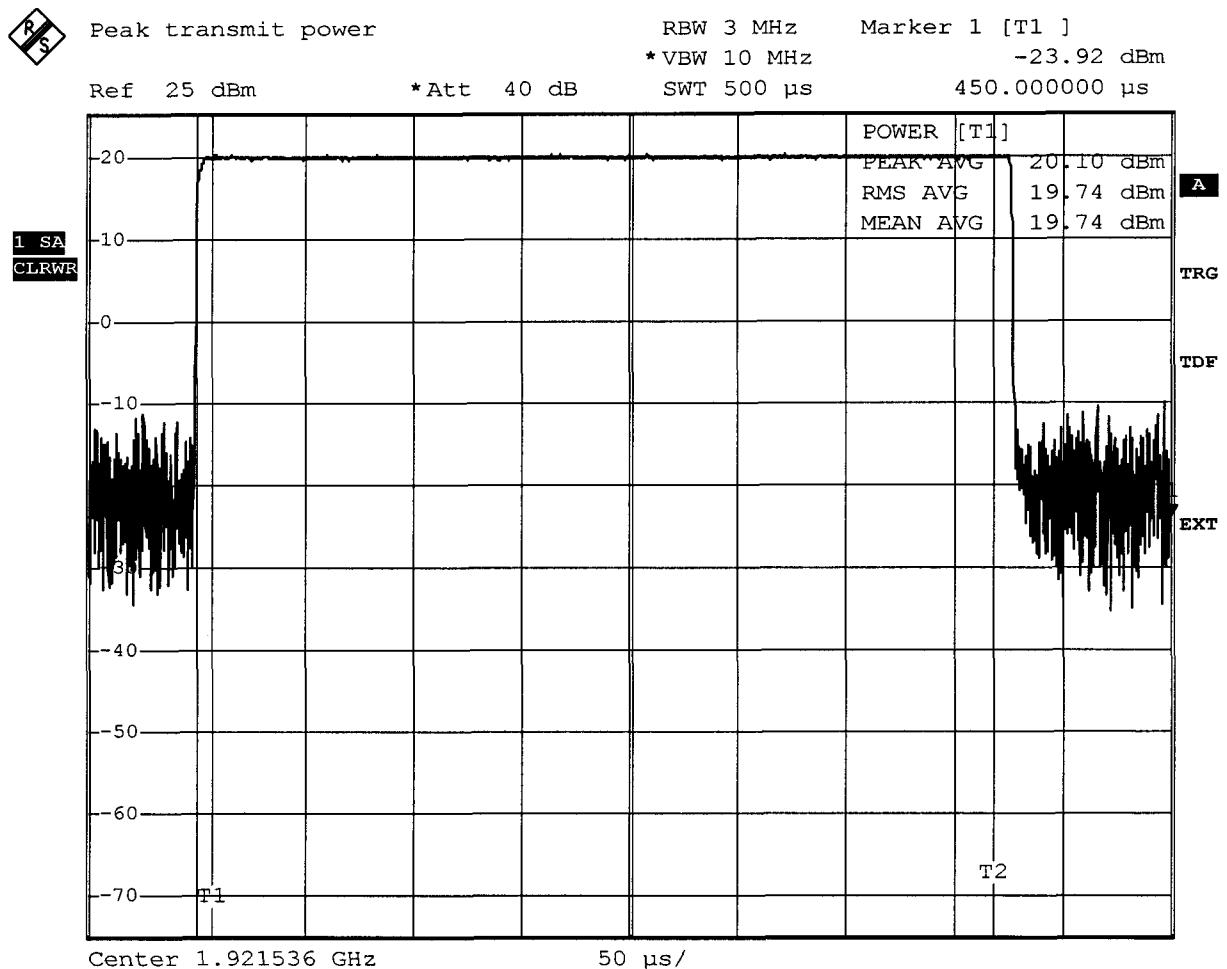
Comment: Ansi C63.17-1998 6.1.2
Date: 20.FEB.2006 13:25:56

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

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

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 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	1.48MHz
Max. Permitted Power	20,85 dBm
Measured Power	20,10 dBm
Test result	Verdict = PASS



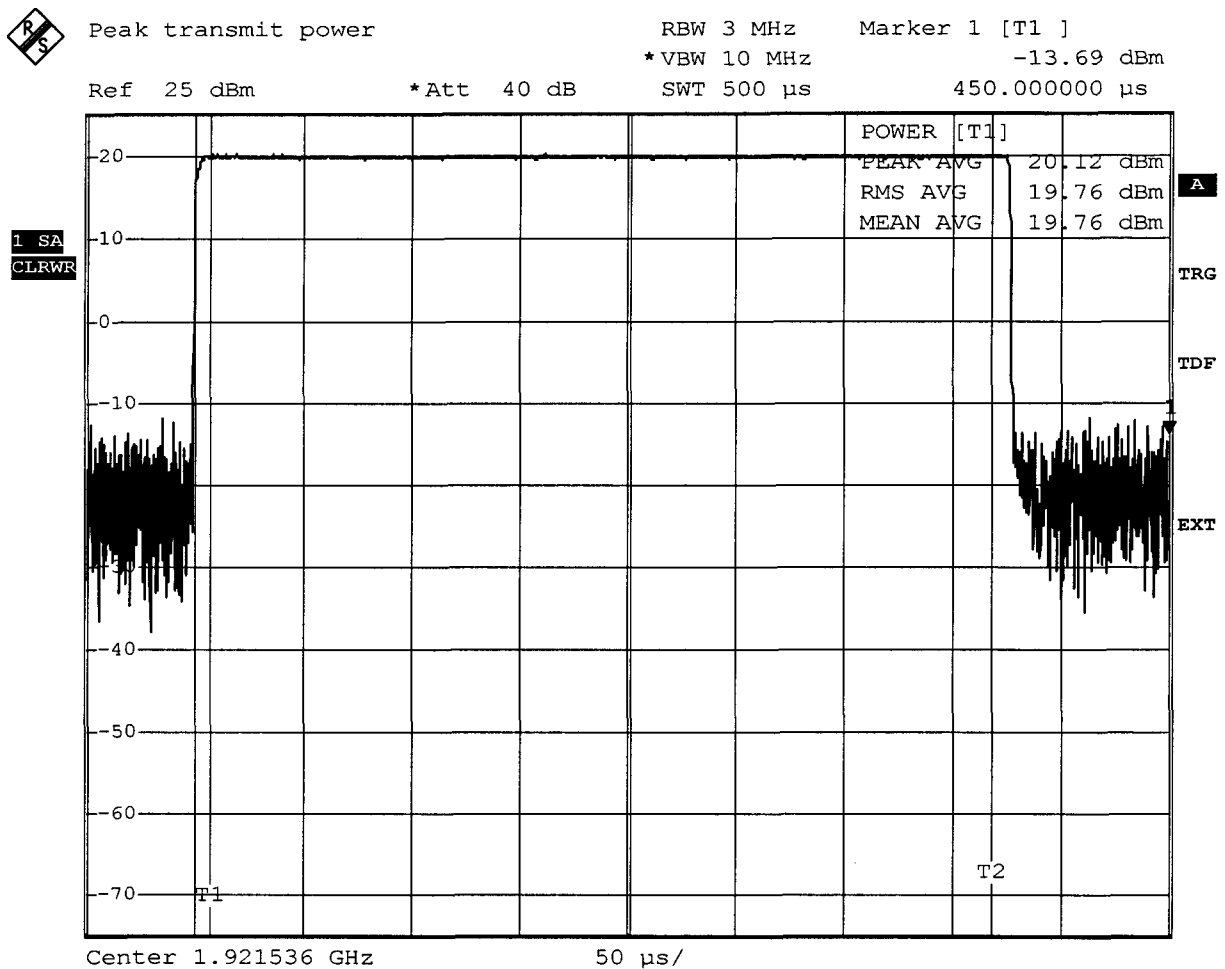
Comment: Ansi C63.17-1998 6.1.2
Date: 20.FEB.2006 13:28:19

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

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

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 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	1.48MHz
Max. Permitted Power	20,85 dBm
Measured Power	20,12 dBm
Test result	Verdict = PASS



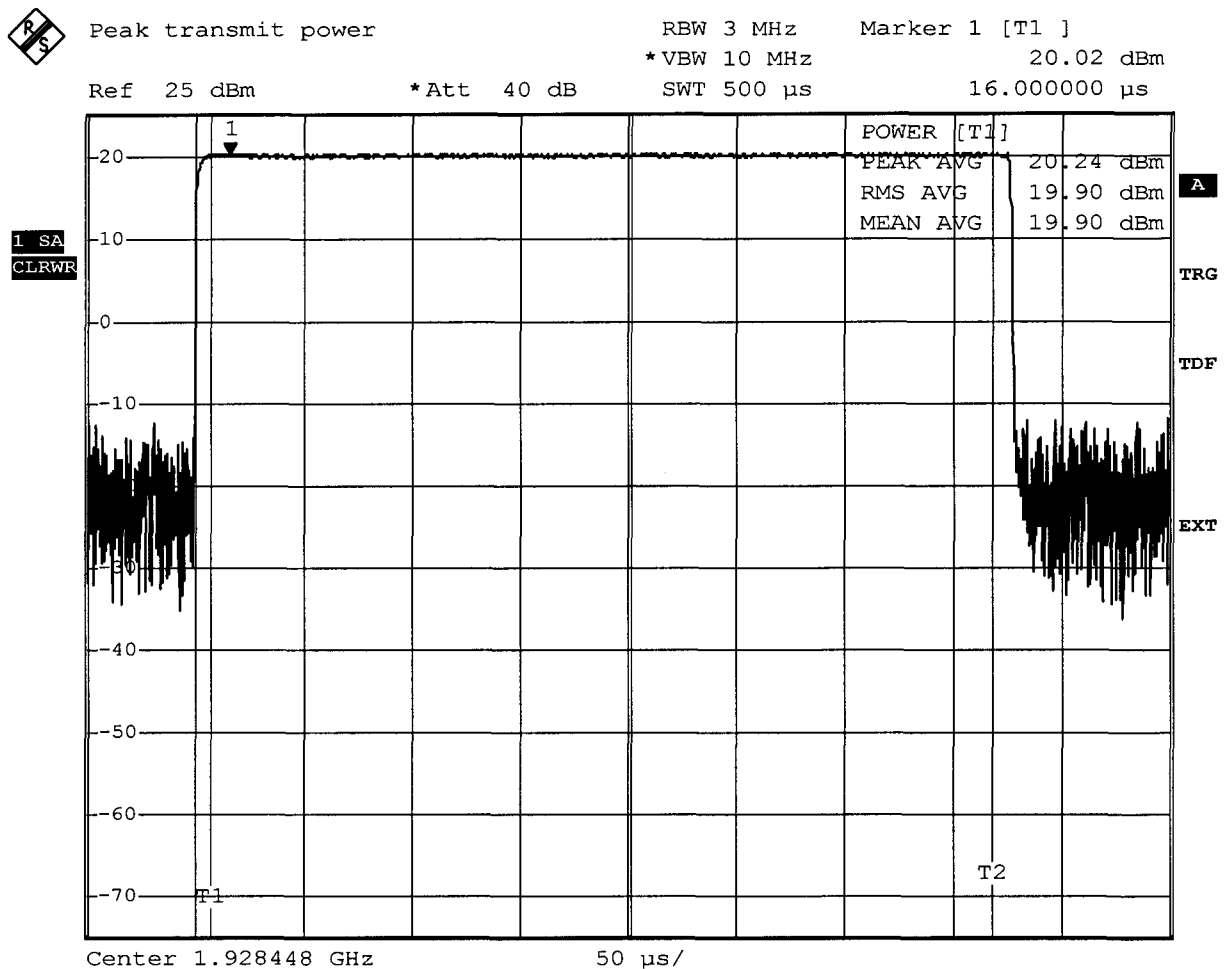
Comment: Ansi C63.17-1998 6.1.2
Date: 20.FEB.2006 13:29:36

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft 1.1 ANSI C63.17-1998 6.1.2
UPCS

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 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	1.48MHz
Max. Permitted Power	20,85 dBm
Measured Power	20,24 dBm
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.2
Date: 2.FEB.2006 13:58:25

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

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

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 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	1.48MHz
Max. Permitted Power	20,85 dBm
Measured Power	20,12 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

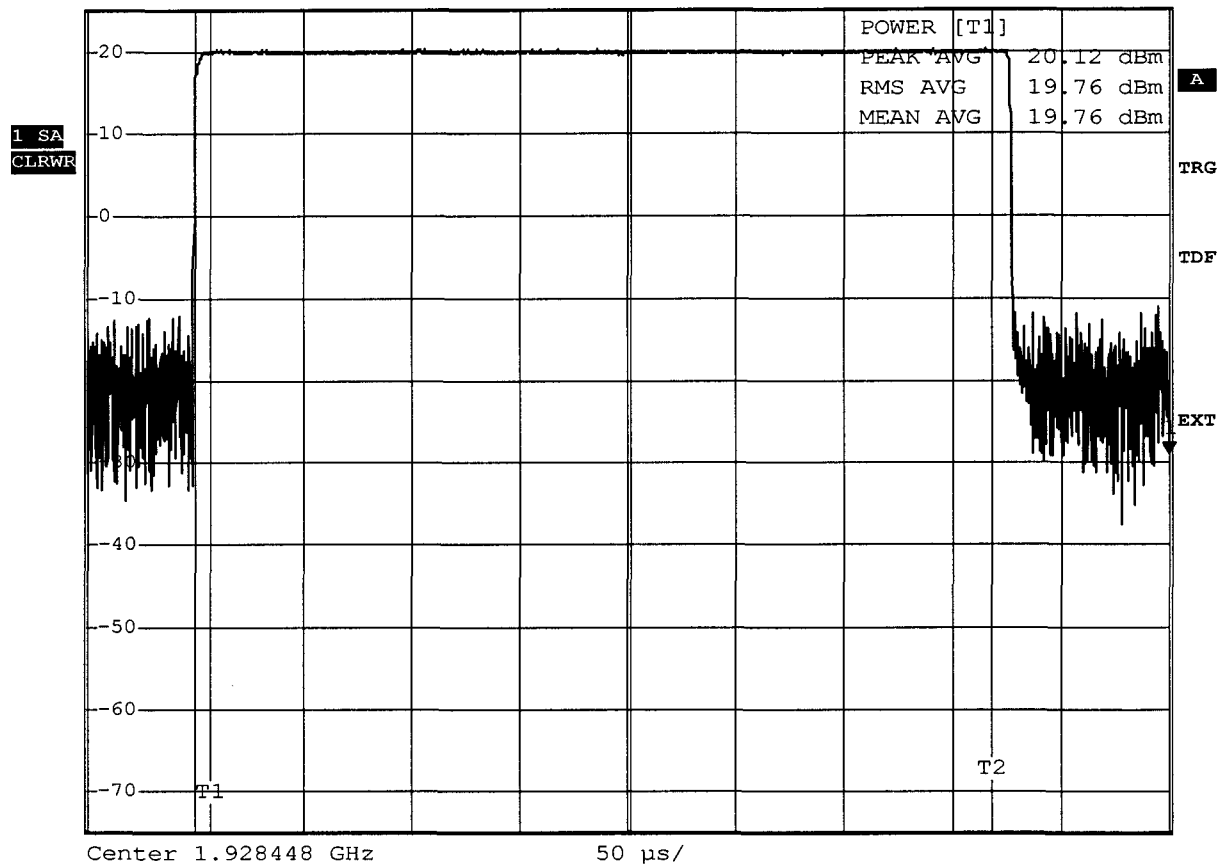
-29.04 dBm

Ref 25 dBm

*Att 40 dB

SWT 500 µs

450.000000 µs



Comment: Ansi C63.17-1998 6.1.2

Date: 20.FEB.2006 13:36:00

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft ANSI C63.17-1998 6.1.2

UPCS

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 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	1.48MHz
Max. Permitted Power	20,85 dBm
Measured Power	20,13 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

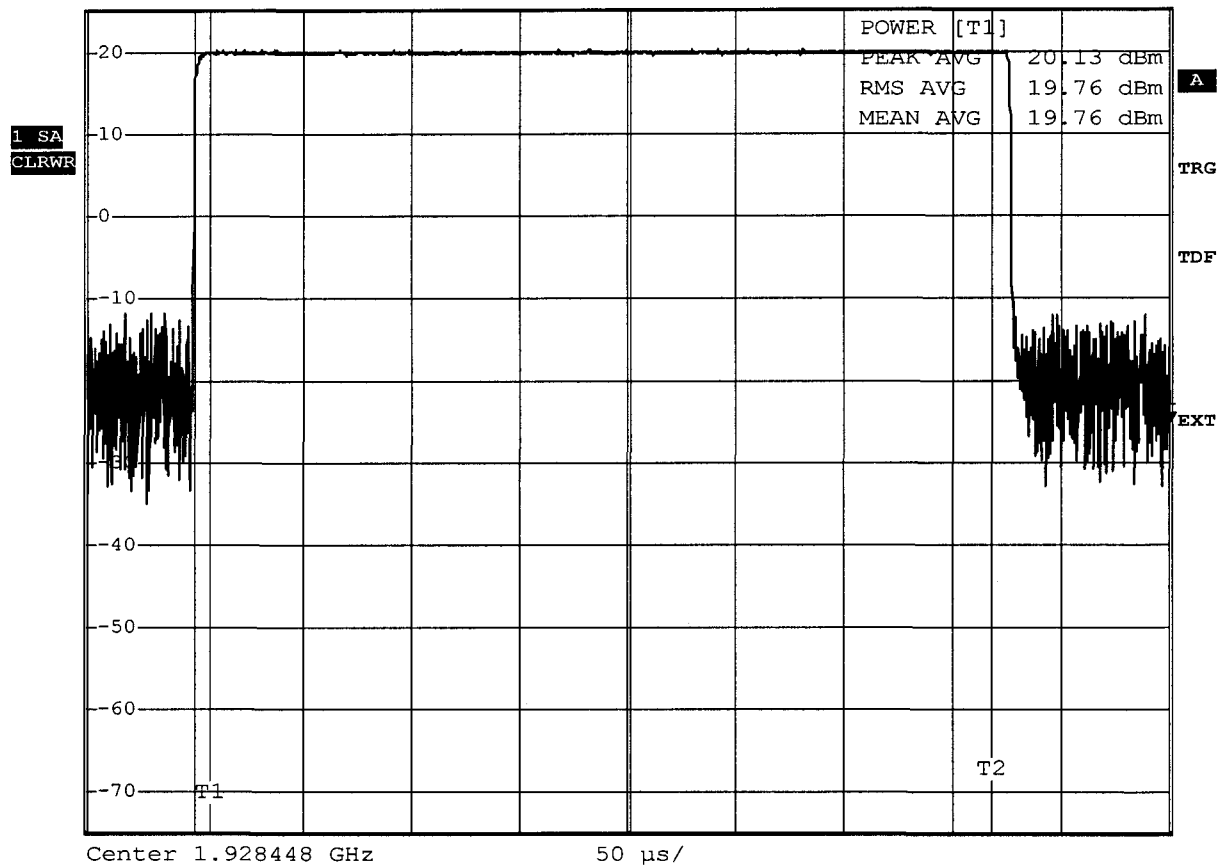
-25.34 dBm

Ref 25 dBm

*Att 40 dB

SWT 500 μ s

450.000000 μ s



Comment: Ansi C63.17-1998 6.1.2

Date: 20.FEB.2006 13:34:12

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	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum	-9.79 dBm
Value in mW	0.105mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Power Spectral Densit

RBW 3 kHz

Marker 1 [T1]

*VBW 10 kHz

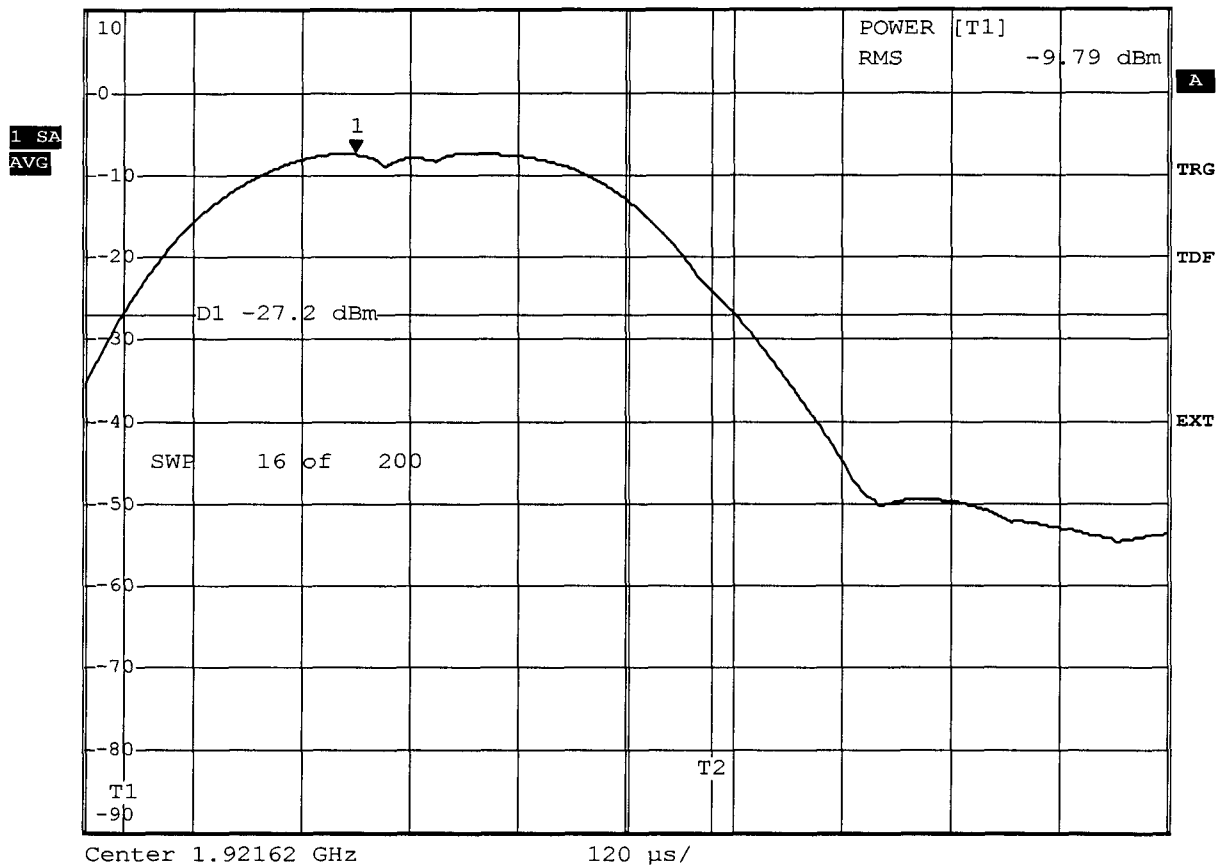
-7.16 dBm

Ref 10 dBm

Att 40 dB

SWT 1.2 ms

150.000000 µs



Comment: Ansi C63.17-1998 6.1.5

Date: 2.FEB.2006 14:24:49

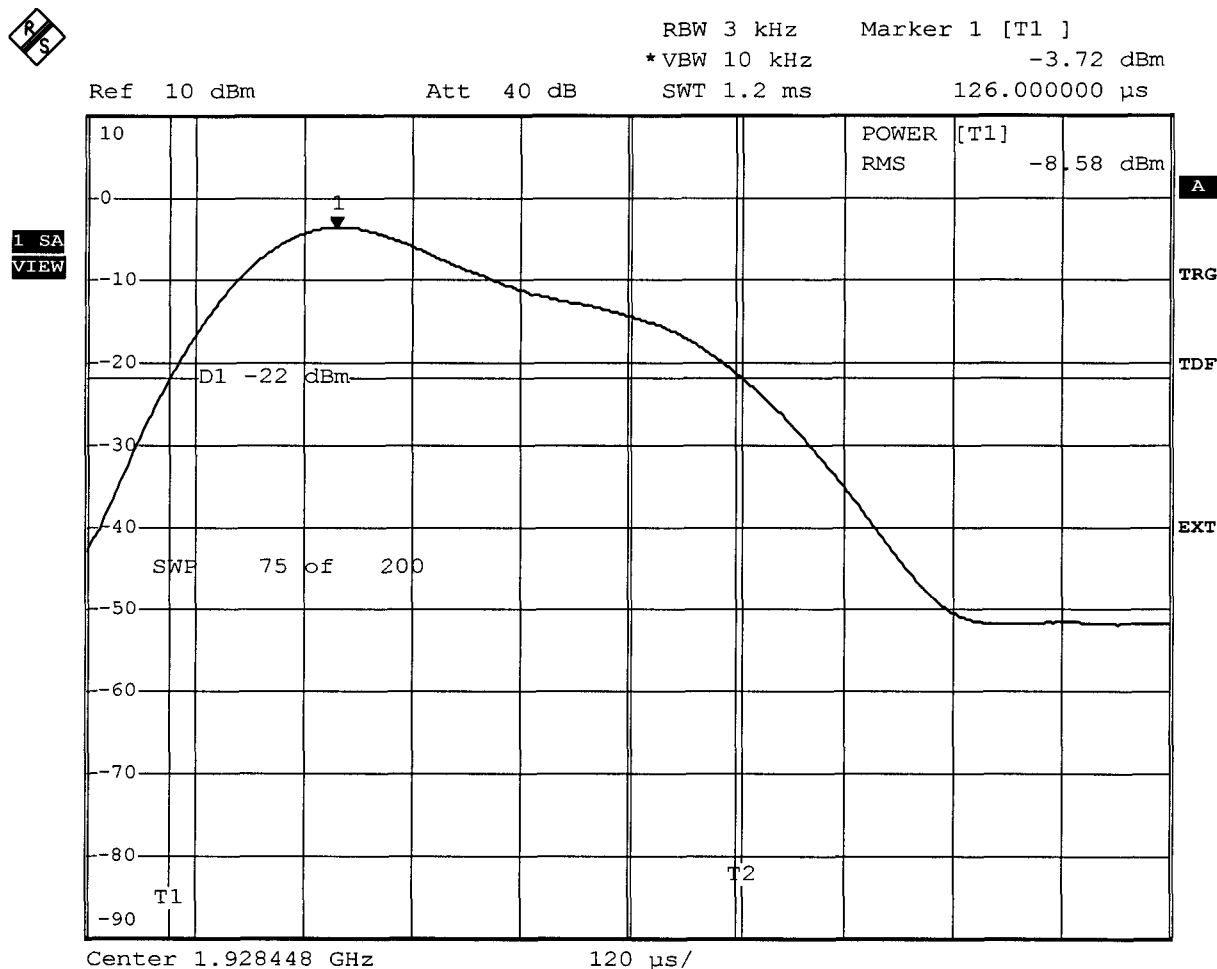
Measurement diagram

FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-1998 6.1.5 UPCS

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum	-8.58 dBm
Value in mW	0.138mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.5
 Date: 2.FEB.2006 14:34:13

Measurement diagram

Appendix H

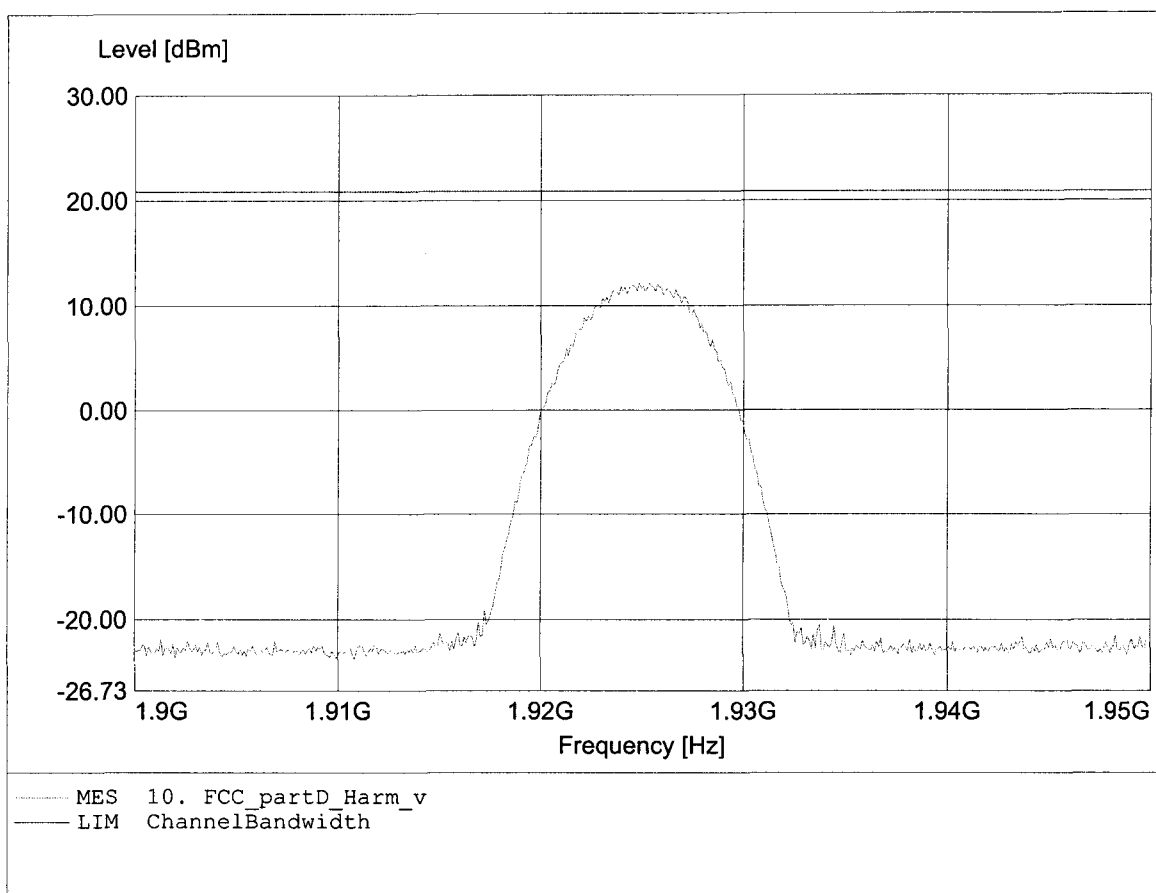
Directional gain of the antenna

Appendix I

Radio frequency radiation exposure

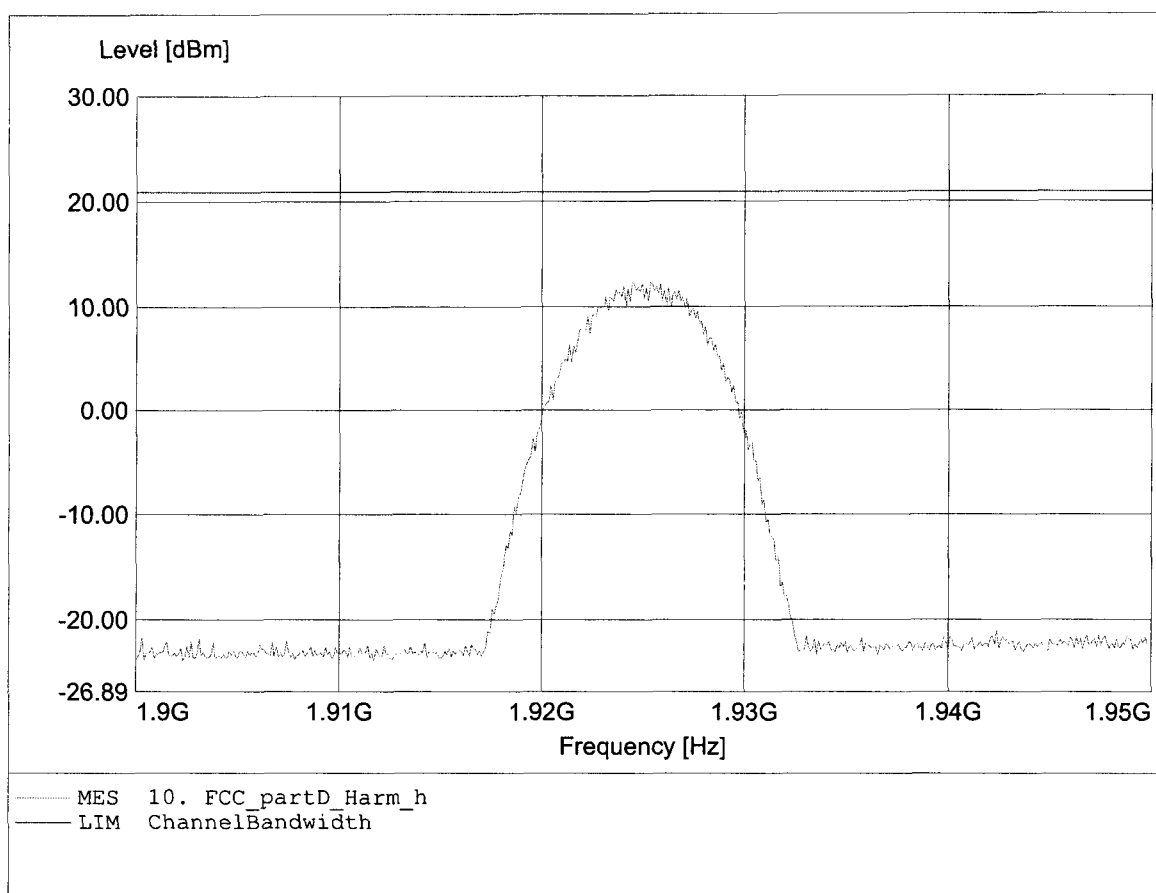
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: Kirk telecom A/S
EUT: 1.9 GHz Communication System (Fixed part)
Model: IP600-12 1G9 / Modul A, Ch.: 2, Ant.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:12.15dBm RBW: 5 MHz



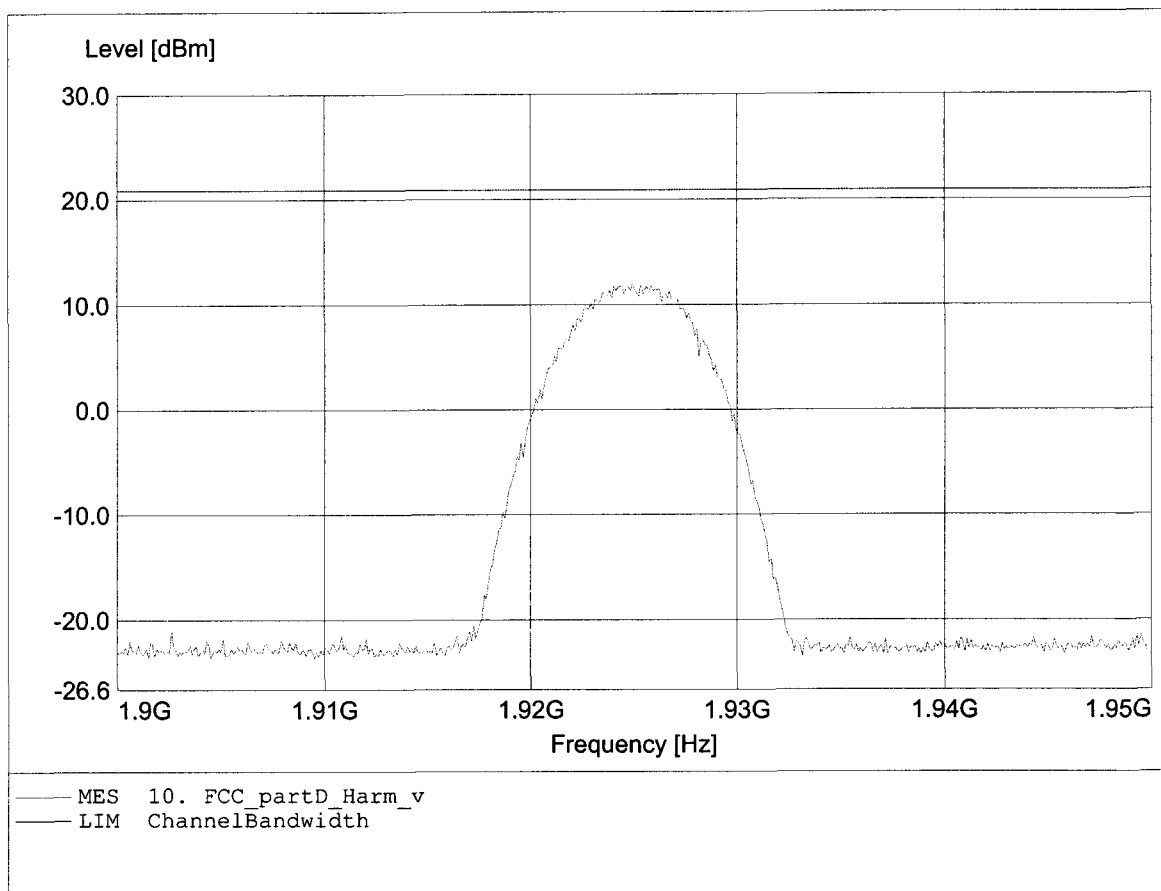
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: Kirk telecom A/S
EUT: 1.9 GHz Communication System (Fixed part)
Model: IP600-12 1G9 / Modul A, Ch.: 2, Ant.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:12.27dBm RBW: 5 MHz



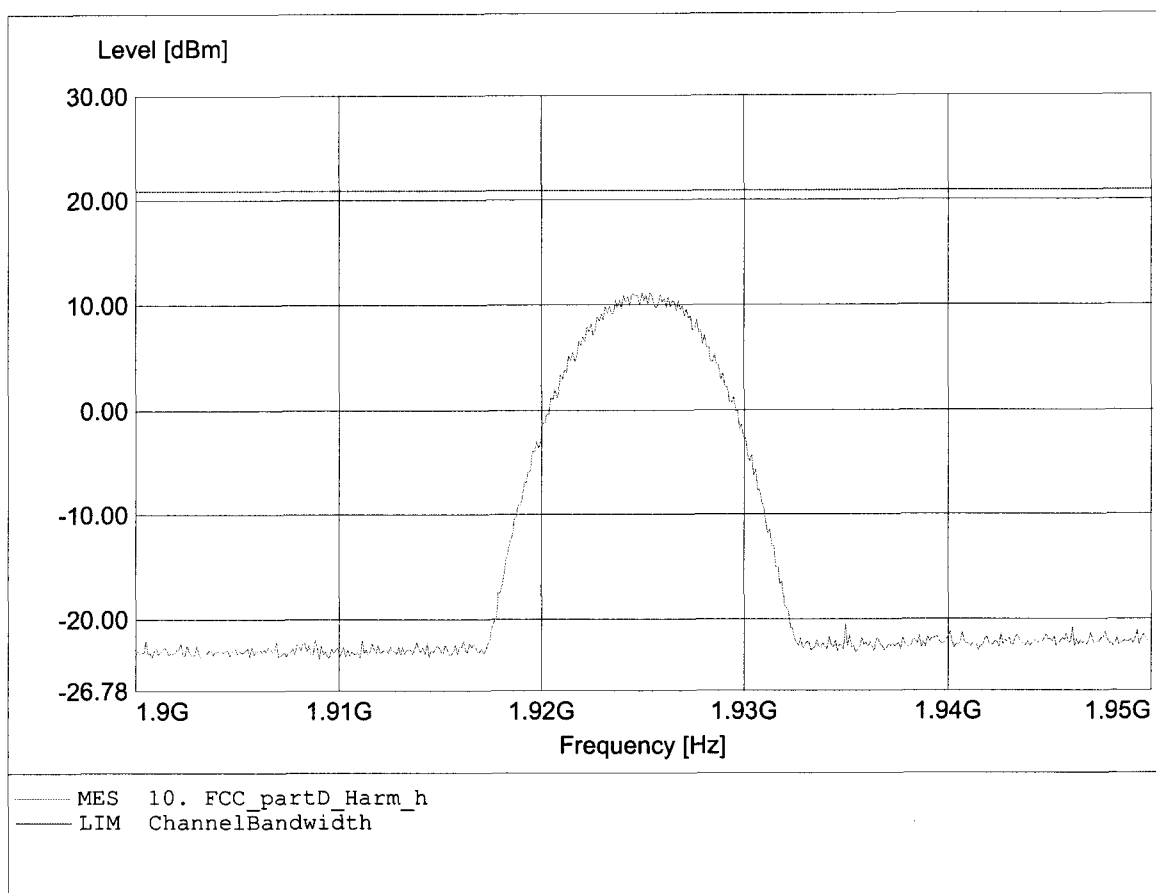
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: Kirk telecom A/S
EUT: 1.9 GHz Communication System (Fixed part)
Model: IP600-12 1G9 / Modul A, Ch.: 2, Ant.: 1
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:11.96dBm RBW: 5 MHz



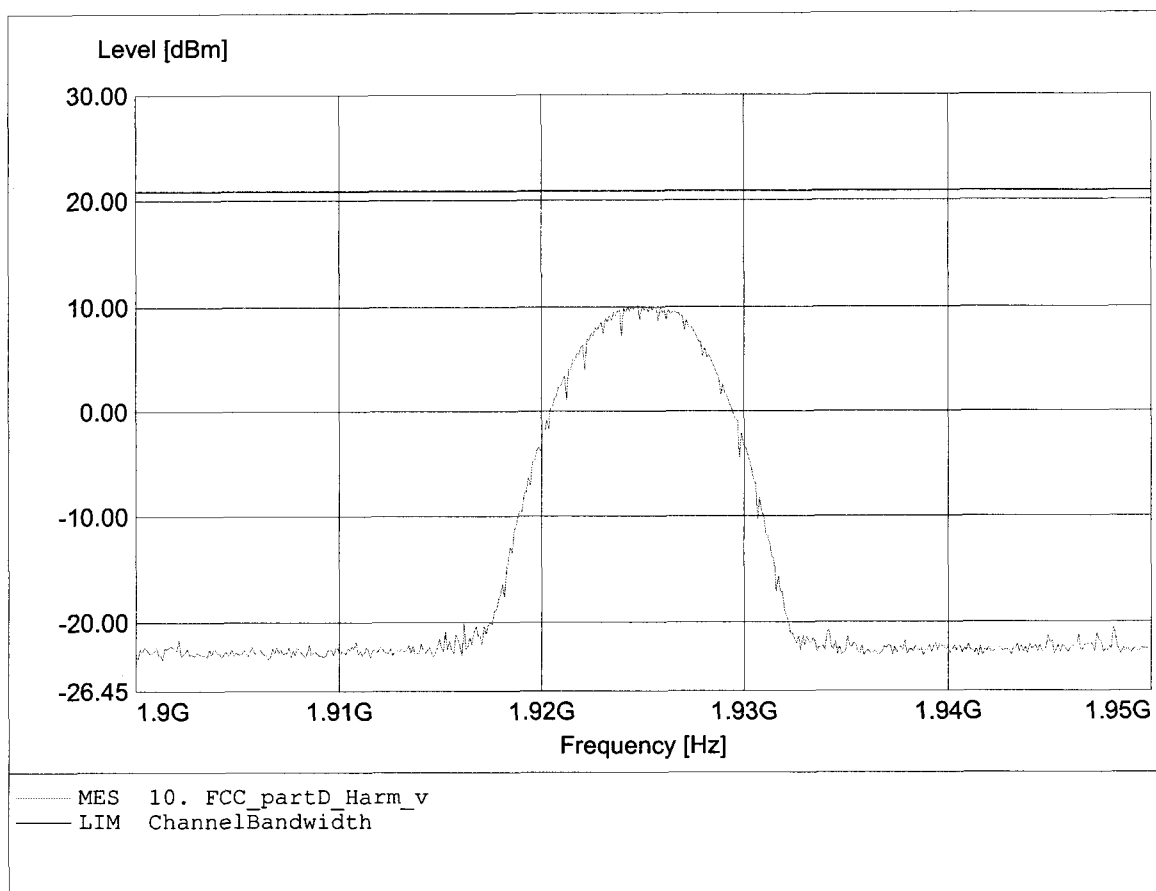
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: Kirk telecom A/S
EUT: 1.9 GHz Communication System (Fixed part)
Model: IP600-12 1G9 / Modul A, Ch.: 2, Ant.: 1
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:11.13dBm RBW: 5 MHz



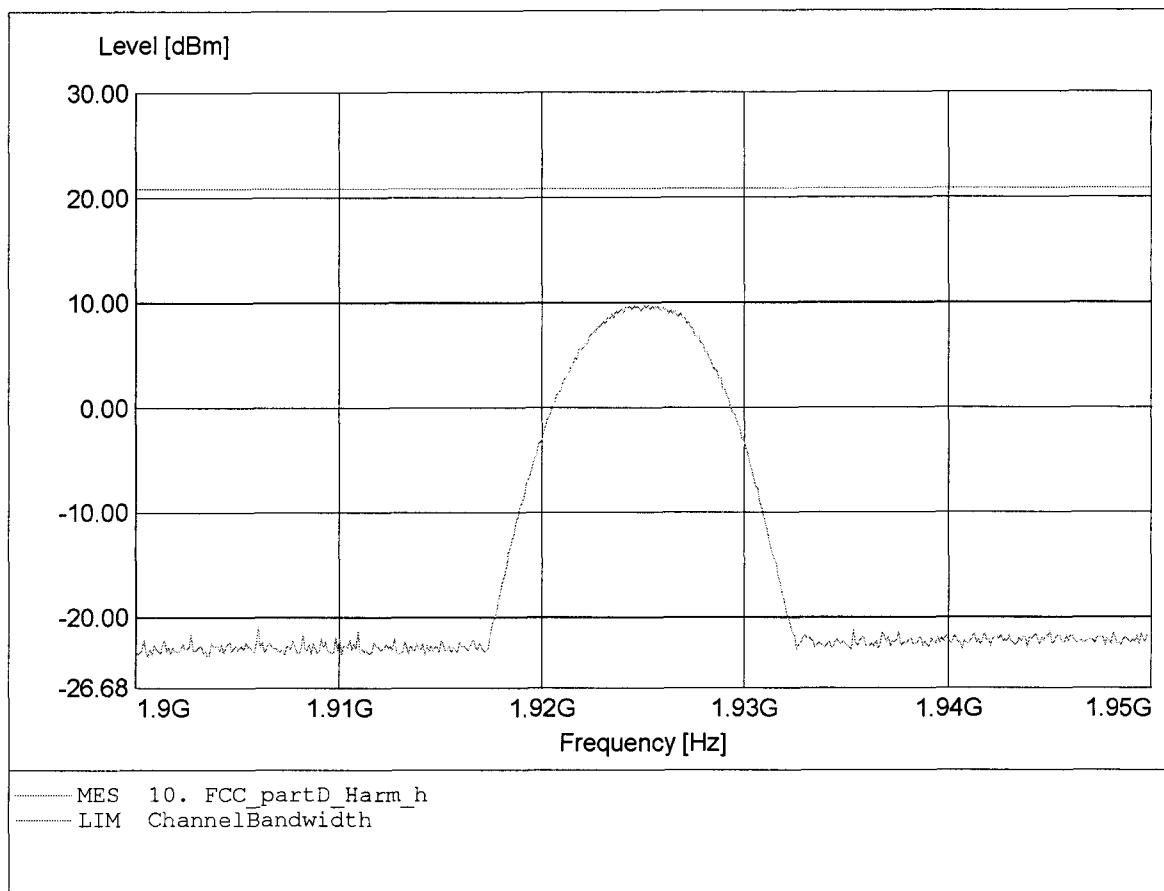
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: Kirk telecom A/S
EUT: 1.9 GHz Communication System (Fixed part)
Model: IP600-12 1G9 / Modul B, Ch.: 2, Ant.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:10.18dBm RBW: 5 MHz



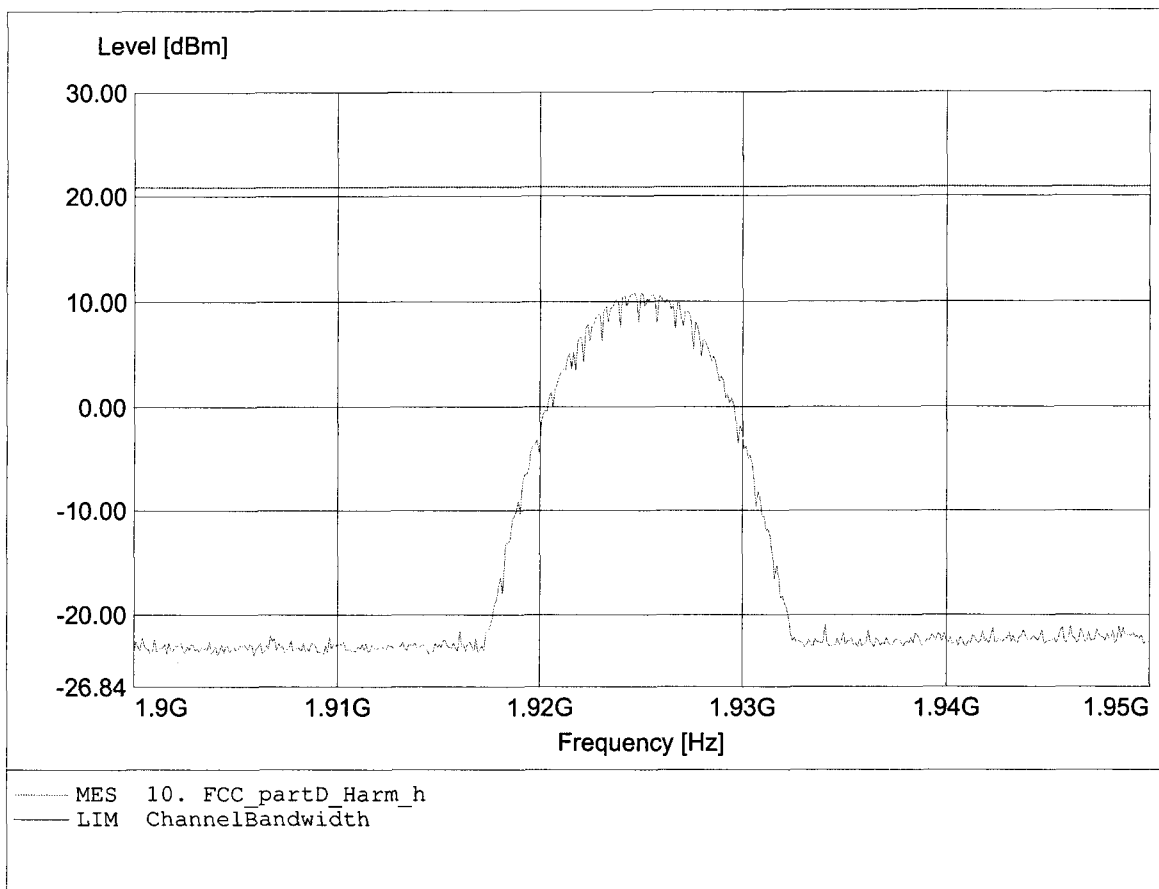
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: Kirk telecom A/S
EUT: 1.9 GHz Communication System (Fixed part)
Model: IP600-12 1G9 / Modul B, Ch.: 2, Ant.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:9.76dBm RBW: 5 MHz



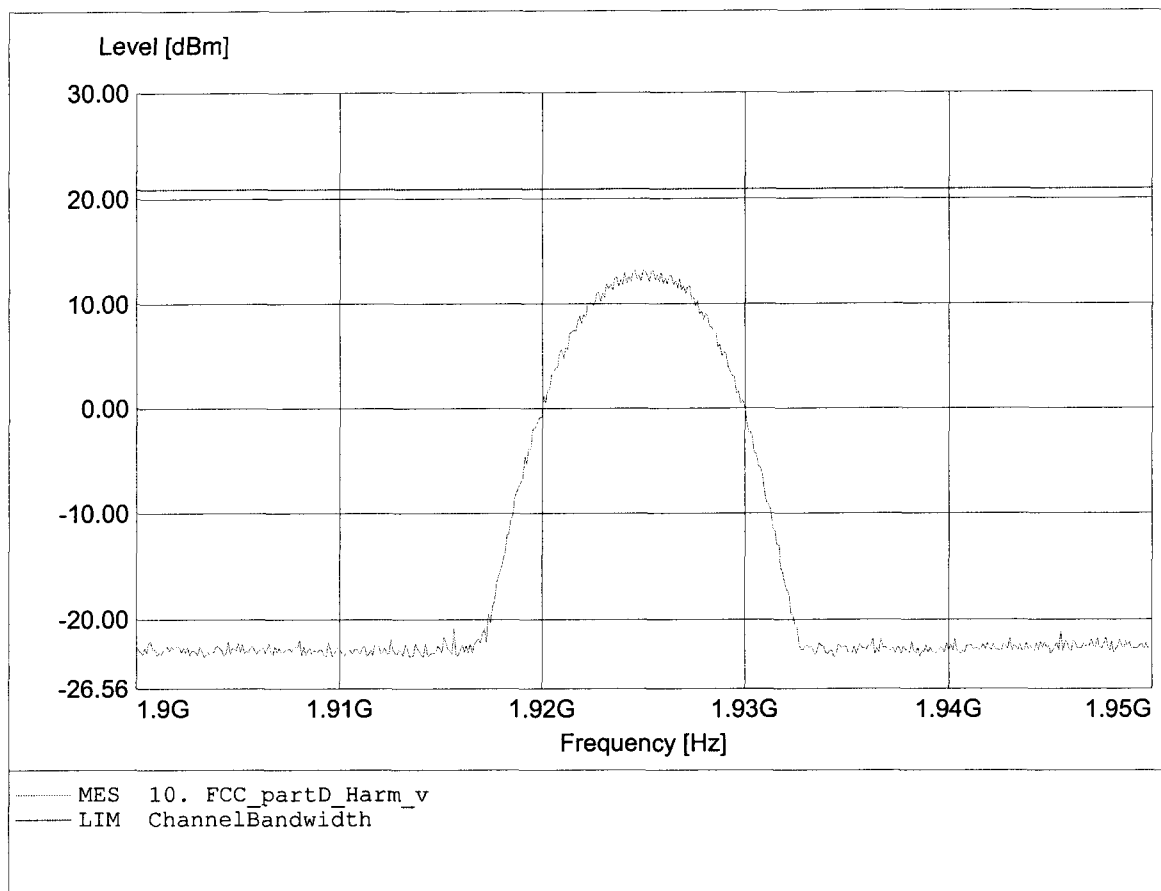
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: Kirk telecom A/S
EUT: 1.9 GHz Communication System (Fixed part)
Model: IP600-12 1G9 / Modul B, Ch.: 2, Ant.: 1
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:10.74dBm RBW: 5 MHz



Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: Kirk telecom A/S
EUT: 1.9 GHz Communication System (Fixed part)
Model: IP600-12 1G9 / Modul B, Ch.: 2, Ant.: 1
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:13.19dBm RBW: 5 MHz



Appendix J

Monitoring threshold

Test case Rev. Draft ANSI_7.3.2_upper_theshold.xml
 Date 03.02.2006 10:54:51
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: initial setup
 KIRK UPCS (DECT based) 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	
00:59:48.5000000	-49,1 -49,1	-49,1 -49,2	-49,1 -49,2	-48,9 -48,9	-49 -49,1	-49 dBm
01:00:03.6562500	-50,1 -50,1	-50,1 -50,2	-50,1 -50,2	-49,9 -50	-50 -50,1	-50 dBm
01:00:15.0468750	-51,1 -51,1	-51,1 -51,2	-51,1 -51,2	-50,9 -51	-51 -51,1	-51 dBm
01:00:26.8281250	-52,1 -52,1	-52,1 -52,2	-52,1 -52,2	-52 -52,1	-52 -52,1	-52 dBm
01:00:43.2187500	-53,1 -53,1	-53,1 -53,2	-53,1 -53,2	-53 -53,1	-53 -53,1	-53 dBm
01:00:59.7968750	-54,1 -54,1	-54,1 -54,1	-54,1 -54,2	-54 -54	-54 -54,1	-54 dBm
01:01:10.9843750	-55,1 -55,1	-55,1 -55,1	-55,1 -55,2	-54,9 -55	-55 -55,1	-55 dBm
01:01:24.5156250	-56 -56,1	-56,1 -56,2	-56,1 -56,2	-55,9 -56	-56 -56,1	-56 dBm
01:01:35.2187500	-57 -57,1	-57,1 -57,2	-57,3 -57,3	-57 -57	-57 -57,1	-57 dBm
01:01:47.1093750	-58 -58,1	-58,1 -58,2	-58,2 -58,3	-58 -58,1	-58 -58,1	-58 dBm
01:02:02.3437500	-59 -59,1	-59,1 -59,2	-59,2 -59,3	-58,9 -59	-59 -59,1	-59 dBm
01:02:17.0468750	-60 -60,1	-58,6 -60,1	-33,3 -54,1	-59,5 -60,1	-60 -60,1	Upper threshold level: -60 dBm

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 03.02.2006 11:16:13
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 7.3.3_b

KIRK UPCS (DECT based) 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	
01:21:54.6875000	-97,3 -106,7	-97,4 -106,7	-97,3 -106,7	-97,8 -106,6	-97 -106,6	No interference
01:22:17.3125000	-59 -59,1	-59 -59,1	-59,2 -59,3	-71,7 -72,1	-78,3 -79,1	Interferer on
01:22:32.0781250	-59 -59,1	-59,1 -59,1	-59,2 -59,3	-66,7 -72,1	-31,9 -55,6	OK 1
01:22:37.3750000	-59 -59,1	-59 -59,1	-59,2 -59,3	-71,7 -72,1	-78,3 -79,1	
01:22:47.6093750	-59 -59,1	-59 -59,1	-59,2 -59,3	-68,4 -72,1	-33 -55,1	OK 2
01:22:52.5156250	-59 -59,1	-59 -59,1	-59,2 -59,3	-71,7 -72,1	-78,2 -79,1	
01:23:02.5625000	-59 -59,1	-59,1 -59,1	-59,2 -59,3	-69,4 -72,1	-31 -55,3	OK 3
01:23:06.5156250	-59 -59,1	-59 -59,1	-59,2 -59,3	-71,8 -72,1	-78,2 -79,1	
01:23:16.8281250	-59 -59,1	-59 -59,1	-59,2 -59,3	-67,9 -72,1	-33,8 -55,4	OK 4
01:23:23.0156250	-59 -59,1	-59 -59,1	-59,2 -59,3	-71,7 -72,1	-78,2 -79,1	
01:23:30.6250000	-59 -59,1	-59,1 -59,1	-59,2 -59,3	-68,3 -72,1	-33 -55,2	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 03.02.2006 11:24:24
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 7.3.3_c
 KIRK UPCS (DECT based) 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	
01:28:50.1875000	-98,6 -106,6	-95,7 -106,6	-97,5 -106,6	-96,2 -106,5	-95,8 -106,5	No interference
01:29:11.3593750	-59 -59,1	-59 -59,1	-59,2 -59,3	-78,2 -79	-71,7 -72,1	Interferer on
01:29:28.2656250	-59 -59,1	-59 -59,1	-58,7 -59,3	-32,2 -55,4	-70,2 -72,1	OK 1
01:29:34.0937500	-59 -59,1	-59 -59,1	-59,2 -59,3	-78 -79	-71,7 -72,1	
01:30:09.2187500	-59 -59,1	-59 -59,1	-58,6 -59,3	-31,1 -55,7	-70,5 -72,1	OK 2
01:30:13.7656250	-59 -59,1	-59 -59,1	-59,2 -59,3	-77,9 -78,9	-71,6 -72,1	
01:30:23.4062500	-59 -59,1	-59 -59,1	-58,9 -59,3	-32,8 -55,6	-69,8 -72,1	OK 3
01:30:25.6406250	-59 -59,1	-59 -59,1	-59,2 -59,3	-78,1 -79	-71,7 -72,1	
01:31:22.2968750	-59 -59,1	-58,9 -59,1	-58,6 -59,3	-32,6 -54,8	-69,7 -72,1	OK 4
01:31:24.9218750	-59 -59,1	-59 -59,1	-59,2 -59,3	-78,1 -79	-71,6 -72,1	
01:31:34.3750000	-59 -59,1	-59 -59,1	-58,7 -59,3	-30,3 -55,9	-68,8 -72,1	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 03.02.2006 11:32:28
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 7.3.3_d
 KIRK UPCS (DECT based) 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	
01:36:11.3593750	-98,1 -106,5	-97,3 -106,8	-96,6 -106,7	-96,4 -106,6	-97,7 -106,7	No interference
01:36:22.3906250	-59 -59,1	-59 -59,1	-59,2 -59,3	-76,8 -78	-82,9 -85,1	Interferer on
01:36:35.6406250	-59 -59,1	-59 -59,1	-59,2 -59,3	-69,7 -77,9	-32,1 -55,3	OK 1
01:36:39.0156250	-59 -59,1	-59 -59,1	-59,2 -59,3	-77,3 -78	-83,5 -85,1	
01:36:47.7968750	-59 -59,1	-59 -59,1	-59,1 -59,3	-71,8 -78	-31,4 -55,1	OK 2
01:36:50.8125000	-59 -59,1	-59 -59,1	-59,2 -59,3	-77,3 -78	-83,5 -85,1	
01:37:01.2343750	-59 -59,1	-59,1 -59,1	-59,2 -59,3	-73,2 -78	-33,9 -55,5	OK 3
01:37:05.2968750	-59 -59,1	-59 -59,1	-59,2 -59,3	-77,2 -78	-83,5 -85,1	
01:37:14.6562500	-59 -59,1	-59 -59,1	-59,1 -59,3	-69,1 -77,9	-31,1 -55,5	OK 4
01:37:18.9843750	-59 -59,1	-59 -59,1	-59,2 -59,3	-77,2 -78	-83,3 -85,1	
01:37:29.2343750	-59 -59,1	-59 -59,1	-59,2 -59,3	-70,2 -77,9	-32,4 -55,5	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 03.02.2006 11:36:53
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 7.3.3_e
 KIRK UPCS (DECT based) 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	
01:43:07.4843750	-96,6 -106,6	-97,2 -106,5	-96,6 -106,5	-96,7 -106,6	-96,8 -106,7	No interference
01:43:13.7031250	-59 -59,1	-59 -59,1	-59,2 -59,3	-83,3 -85	-77,3 -78,1	Interferer on
01:43:24.4531250	-59 -59,1	-58,9 -59,1	-58,7 -59,3	-31,6 -55,1	-73,3 -78,1	OK 1
01:43:27.4531250	-59 -59,1	-59 -59,1	-59,2 -59,3	-83,5 -85,1	-77,3 -78,1	
01:43:37.8750000	-59 -59,1	-59 -59,1	-58,6 -59,3	-31,1 -55,4	-71,1 -78,1	OK 2
01:43:42.5156250	-59 -59,1	-59 -59,1	-59,2 -59,3	-83,6 -85	-77,2 -78,1	
01:43:52.0625000	-59 -59,1	-59 -59,1	-58,2 -59,3	-33 -55,4	-73,9 -78,1	OK 3
01:43:54.7656250	-59 -59,1	-59 -59,1	-59,2 -59,3	-83,4 -85	-77,3 -78,1	
01:44:05.8593750	-59 -59,1	-59 -59,1	-58,7 -59,3	-32,1 -54,5	-73,9 -78,1	OK 4
01:44:08.9531250	-59 -59,1	-59 -59,1	-59,2 -59,3	-83,3 -85	-77,3 -78,1	
01:44:20.6250000	-59 -59,1	-59 -59,1	-57,9 -59,3	-33 -54,9	-73,9 -78,1	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 03.02.2006 13:31:31
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 7.5_high_ch_50 / 35us
 KIRK UPCS (DECT based) 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	
00:00:20.5312500	-97,5 -106,6	-97,8 -106,7	-97,1 -106,4	-97,8 -106,5	-96,8 -106,5	No interference
00:00:44.1250000	-91,2 -106,1	-74,2 -98,5	-33,2 -55,6	-81 -100,2	-93,4 -105,9	Dummy on channel 2
00:01:19.4531250	-58,9 -59	-59,2 -59,3	-58,8 -58,9	-58,9 -59	-54,7 -69,9	50µ s interferer, Dummy release
00:01:31.1406250	-73,4 -97,9	-32,4 -55,3	-78,1 -100,8	-93,7 -106	-96,7 -106,5	Dummy on channel 3
00:02:41.6718750	-58,9 -59	-59,2 -59,3	-58,8 -58,9	-58,9 -59	-49,2 -66,6	35µ s interferer, Dummy release

Log file

Test case Rev. Draft ANSI_7.5_reaction_time_low_ch.xml
 Date 03.02.2006 13:53:48
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 7.5_low_ch_50 /35us
 KIRK UPCS (DECT based) 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	
00:07:01.7656250	-96,8 -106,7	-96,5 -106,5	-96,4 -106,5	-97,3 -106,6	-97 -106,6	Interference off
00:07:10.4531250	-90,4 -105,9	-72,2 -97,8	-30,2 -55,5	-77,2 -101,3	-90 -106,2	Dummy on channel 2
00:07:52.4375000	-33,3 -55,2	-58,1 -59	-59,1 -59,2	-58,8 -59	-58,9 -59	50µs interferer, Dummy release
00:08:01.1875000	-32,5 -55,5	-80 -101,4	-91,6 -105,5	-94,7 -106,3	-97 -106,6	Dummy on channel 4
00:24:52.0781250	-47,1 -64,8	-57,9 -58	-58,1 -58,2	-57,9 -58	-57,9 -58	35µs interferer, Dummy release

Log file

Appendix L

Monitoring bandwidth

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 03.02.2006 13:03:35
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 7.4.1 simple compliance test_high_+30%
 KIRK UPCS (DECT based) 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	
03:10:02.7968750	-95,5 -106,5	-97,3 -106,5	-96,9 -106,7	-96,6 -106,6	-97,5 -106,5	Interference off
03:10:11.4062500	-93,4 -106,1	-72 -98,1	-32,1 -55,2	-78,1 -101	-89,1 -105,9	Dummy on channel 2
03:11:03.2656250	-58,9 -59	-59,2 -59,3	-58,8 -58,9	-58,9 -59	-96 -106,3	Interferer on, Dummy release

Log file

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 03.02.2006 12:59:39
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 7.4.1 simple compliance test_high_-30%
 KIRK UPCS (DECT based) 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	
03:06:11.3437500	-97,4 -106,6	-97 -106,5	-97,6 -106,6	-97,2 -106,7	-97,8 -106,4	No interference
03:06:20.3906250	-92,2 -106,4	-76,6 -98,9	-33,7 -55,3	-76,4 -100,7	-91,6 -105,9	Dummy on channel 3
03:07:07.9687500	-58,9 -59	-59,2 -59,3	-58,8 -58,9	-58,9 -59	-97 -106,1	Interferer on, Dummy release

Log file

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 03.02.2006 12:55:48
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 7.4.1 simple compliance test_low_+30%
 KIRK UPCS (DECT based) 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	
03:01:13.7656250	-97,2 -106,6	-97 -106,7	-97,6 -106,3	-97,8 -106,6	-97,2 -106,5	No interference
03:01:29.0312500	-89,3 -105,9	-76,7 -99	-33,7 -55,6	-75,3 -101	-92,2 -106	Dummy on channel 2
03:03:00.2343750	-95,6 -106,2	-57,9 -58	-58,2 -58,2	-57,9 -58	-57,9 -58	Interferer on, Dummy release

Log file

Appendix M

Random waiting interval

Appendix N

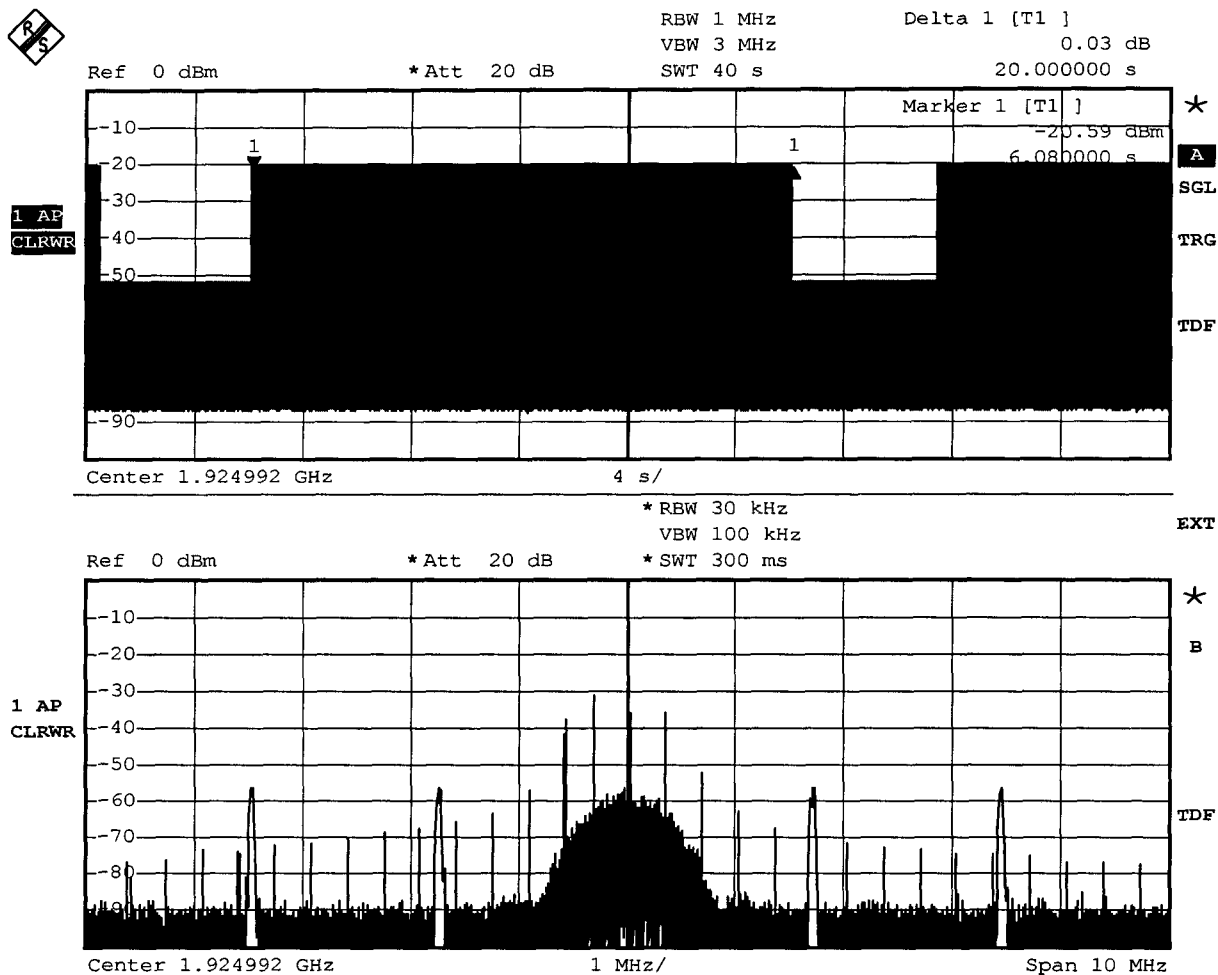
Duration of Transmission

Appendix O

Connection acknowledgement

**ANSI C63.17-1998 Rev. Draft ANSI 8.1.1 Access criteria test interval
UPCS1900**

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 1G9
Applicant	KIRK telecom A/S
Temperature	25°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Rev. Draft ANS 8.1.1 Access criteria test interval
Comment 1	The interval between access criteria tests
Comment 2	Measurement result: 20.0 sec
Comment 3	Verdict: PASS



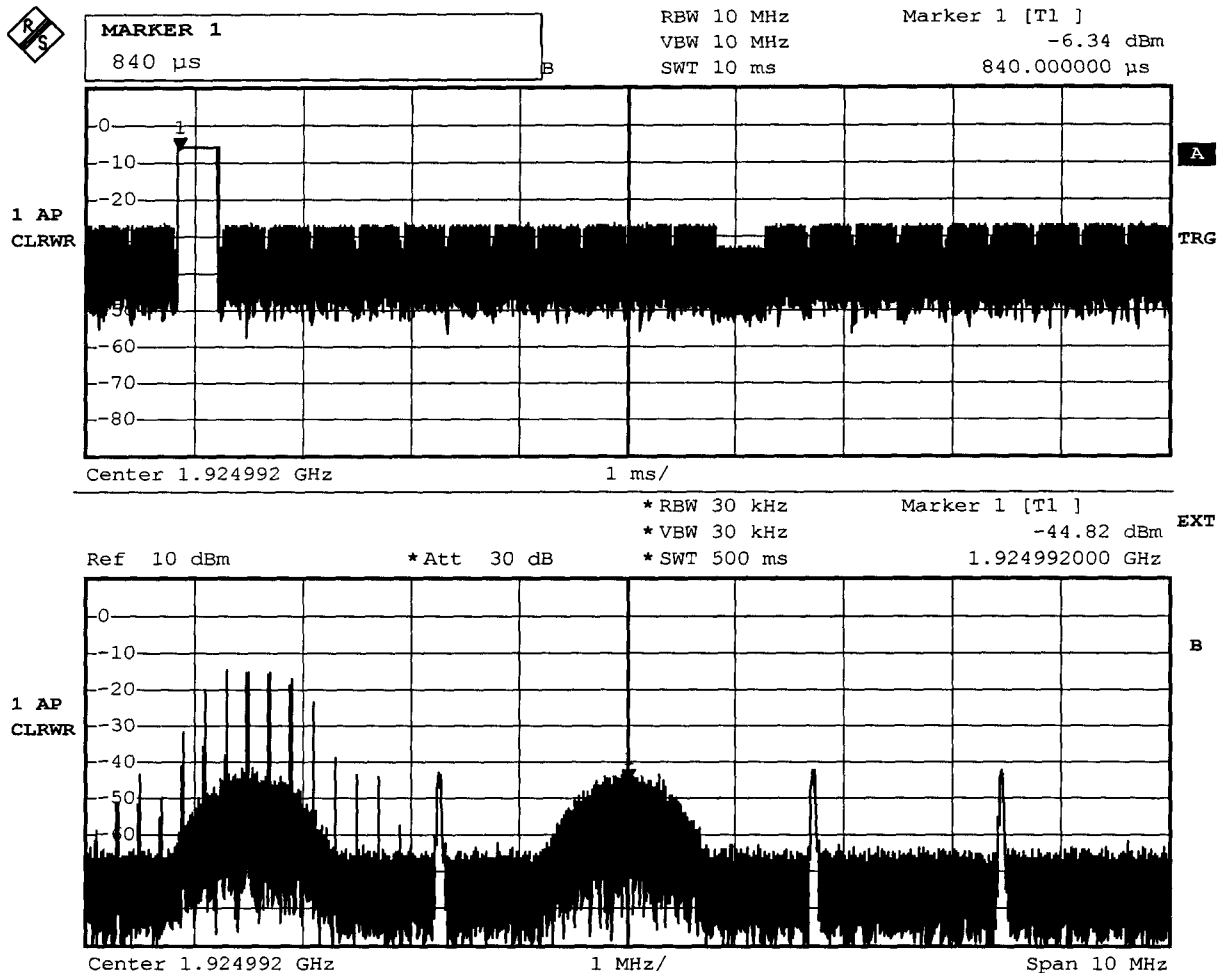
Comment: Ansi C63.17-1998

Date: 21.FEB.2006 10:38:42

Measurement diagram

**ANSI C63.17-1998 Rev. Draft ANSI 8.1.2 Access criteria functional test
UPCS1900**

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 1G9
Applicant	KIRK telecom A/S
Temperature	25°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Rev. Draft ANSI 8.1.2 Access criteria functional test
Comment 1	initial condition
Comment 2	Connection at channel 4 (1921,536 MHz), in time slot 2 (840 μ s)
Comment 3	



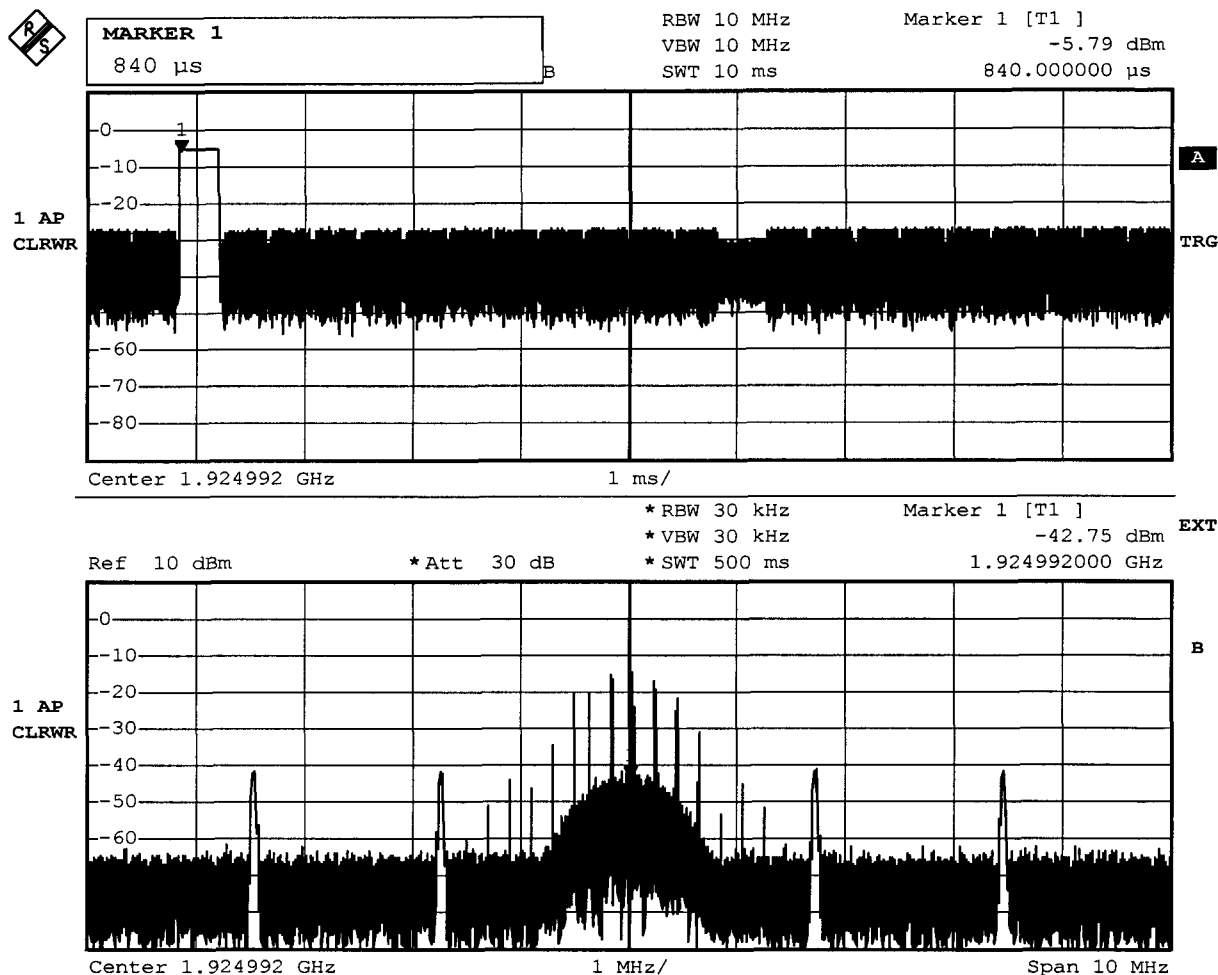
Comment: ANSI C63.17-1998

Date: 3.FEB.2006 14:29:50

Measurement diagram

**ANSI C63.17-1998 Rev. Draft ANSI 8.1.2 Access criteria functional test
UPCS1900**

EUT	KIRK UPCS (DECT based) Base station (RFP)
Model	IP600-12 1G9
Applicant	KIRK telecom A/S
Temperature	25°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Rev. Draft ANSI 8.1.2 Access criteria functional test
Comment 1	CW interference on ch 2 (initial traffic channel)
Comment 2	after the next pause
Comment 3	New connection at channel 2 (1924,992 MHz), in time slot 2 (840 μ s)



Comment: ANSI C63.17-1998

Date: 3.FEB.2006 14:32:44

Measurement diagram

Test case Rev. Draft ANSI_8.2.1_Acknowledgments_30s
 Date 21.02.2006 11:01:38
 Reference to the EUT G0M20504-9417 / IP600-12 1G9
 Comment: 8.2.1 Acknowledgments for c)
 KIRK UPCS (DECT based) 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	
00:01:29.0781250	-52,1 -52,2	-51,1 -52,4	-20,5 -40,1	-51,6 -52,5	-52,2 -52,4	
00:01:49.3906250	-52 -52,2	-51,2 -52,4	-21,8 -40,8	-51,7 -52,5	-52,1 -52,4	Connection
00:01:53.5468750	-52 -52,2	-51,2 -52,4	-21,8 -44,5	-51 -52,5	-52,1 -52,4	Block the acknowledge- ments from the companion device
00:01:58.2656250	-52,1 -52,2	-50,9 -52,4	-19,3 -50	-49,7 -52,5	-52,2 -52,4	Traffic bearer is changed to dummy bearer

The EUT terminates the transmission on the communications channel after 4.7 seconds.

Log file

Appendix P

Selected channel, power accuracy, segment occupancy

Test case
confirmation.xml

Rev. Draft ANSI_7.3.4_selected channel

Date 03.02.2006 11:48:15

Reference to the EUT

G0M20504-9417 / IP600-12 1G9

Comment:

initial setup

KIRK UPCS (DECT based) 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	
01:52:58.0625000	-95,6 -106,6	-96,9 -106,6	-96,7 -106,6	-96 -106,5	-97,8 -106,6	No interference
01:53:11.5781250	-59 -59,1	-59 -59,1	-59,2 -59,3	-78 -78,9	-96,2 -106,6	Interferer on
01:53:24.0625000	-59 -59,1	-59 -59,1	-59,2 -59,3	-73,4 -78,9	-32,3 -54,9	Dummy on channel 0
01:54:03.4062500	-59 -59,1	-59 -59,1	-57,9 -59,3	-32,8 -55,5	-75,9 -79,1	Dummy on channel 1

Log file

Appendix Q

Duplex connections