

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

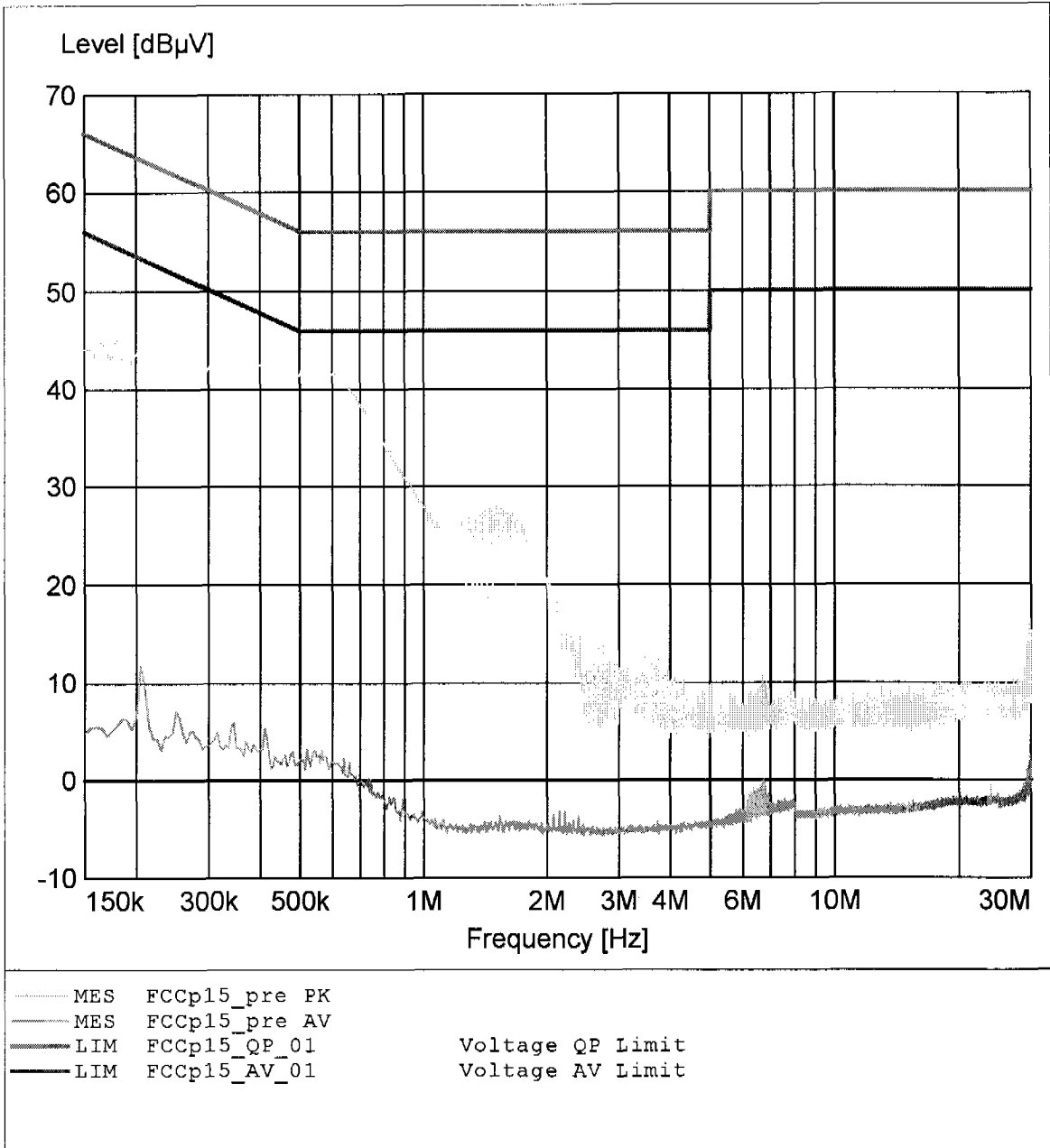
Labeling requirements

Appendix E

Conducted limits AC Power line

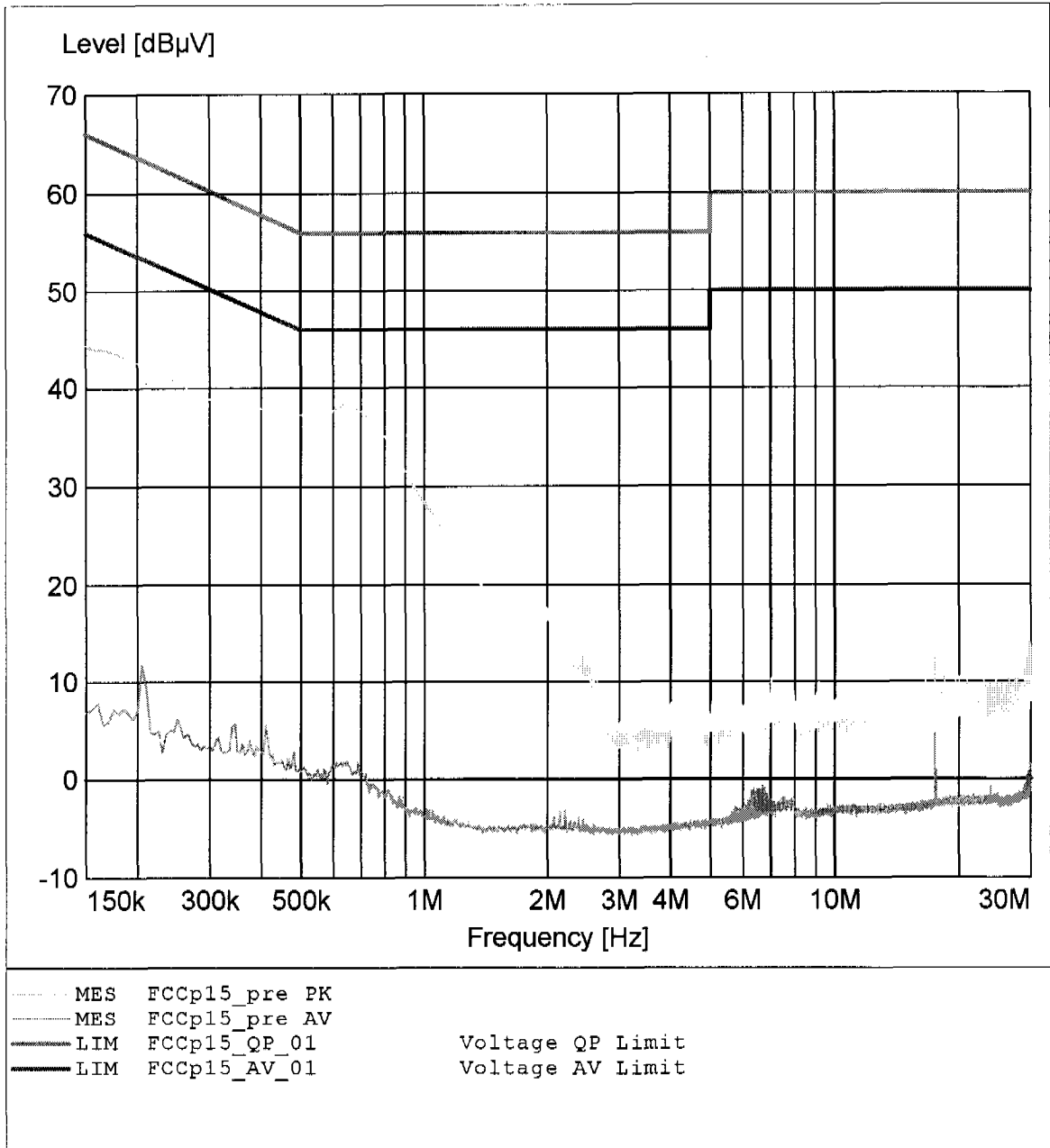
EMI voltage test in the ac-mains according to FCC part 15

EUT: KIRK UPCS (DECT based) Handset (PP)
 Manufacturer: KIRK
 Operating Condition: Unom: 120VAC (AC/DC adaptor), Tnom: 23°C
 Test Site: ETS
 Operator: Mr. Pflug
 Test Specification: V-Network: ESH2-Z5 (L1)
 Comment: model: PP5N 1G9 mode: charging + link



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

EUT: KIRK UPCS (DECT based) Handset (PP)
Manufacturer: KIRK
Operating Condition: Unom: 120VAC (AC/DC adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: PP5N 1G9 mode: charging





Appendix F

Emission band width



FCC Part 15.303(b) Emission bandwidth

**Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.3
UPCS**

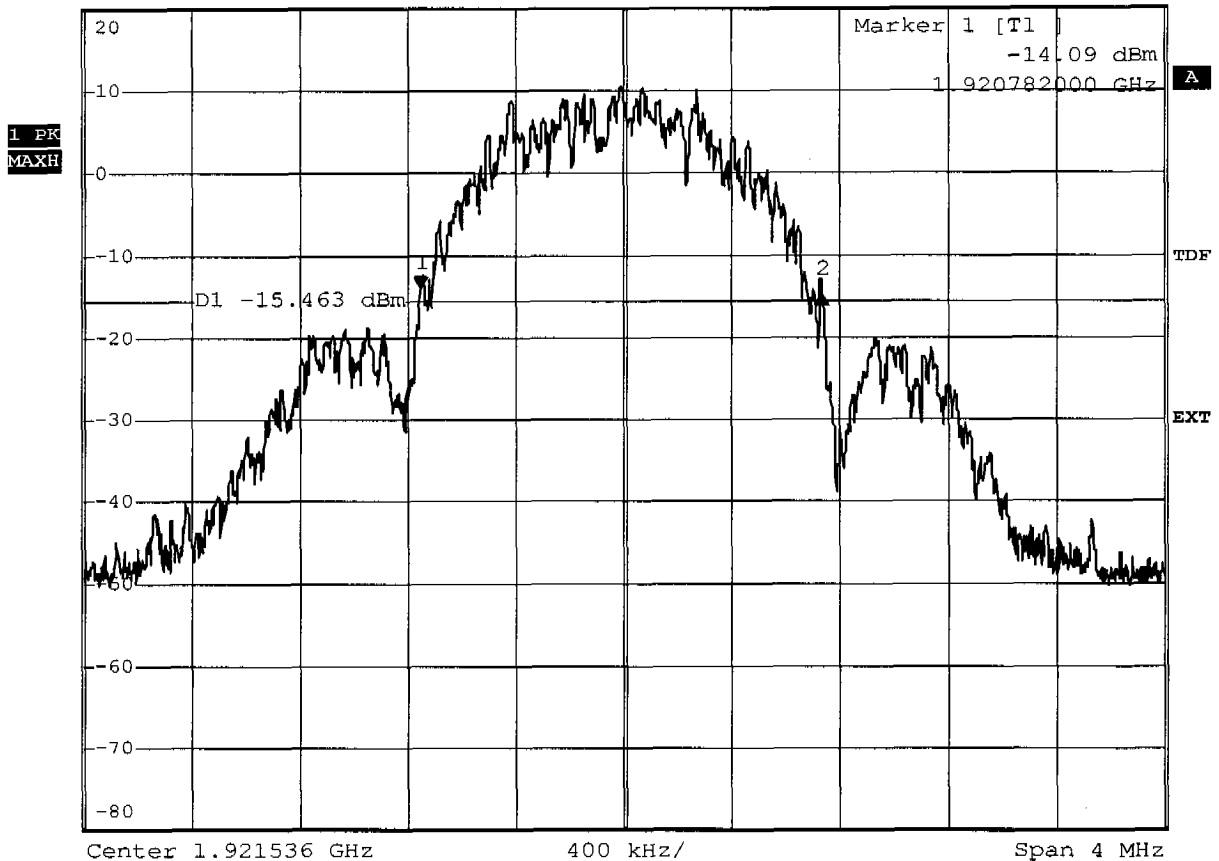
EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N 1G9
 Applicant KIRK telecom A/S
 Temperature 23°C
 Test Site / Operator ETS Reichenwalde
 Test Specification 6.1.3 Emission bandwidth

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 -0.68 dB
 Ref 20 dBm *Att 30 dB SWT 40 ms 1.492000000 MHz



Comment: Ansi C63.17-1998 6.1.3
 Date: 10.JUL.2005 08:40:59

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 : 1921.102MHz
Higher frequency : 1921.862MHz

-12 dB points

Lower frequency : 1920.964MHz
Higher frequency : 1922.104MHz

Measurement diagram



FCC Part 15.303(b) Emission bandwidth

Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.3 UPCS

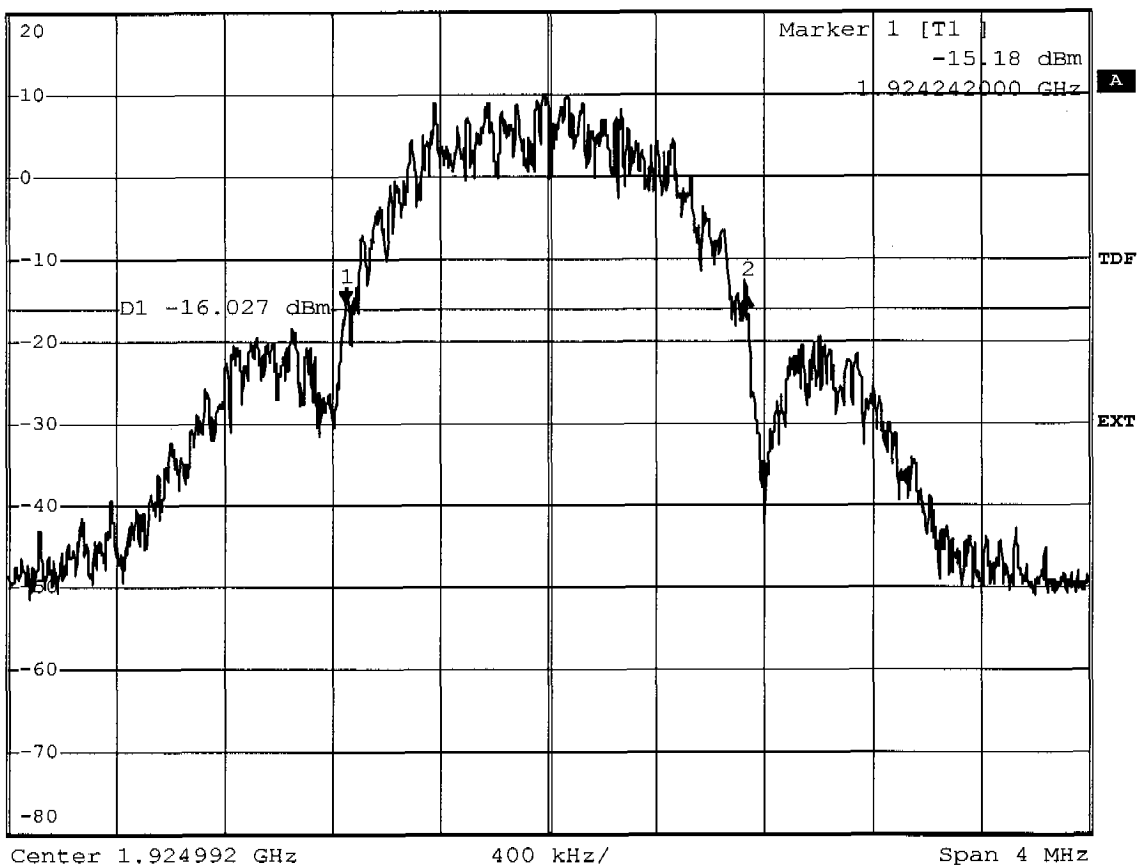
EUT KIRK UPCS (DECT based) Handset (PP)
Model PP5N 1G9
Applicant KIRK telecom A/S
Temperature 23°C
Test Site / Operator ETS Reichenwalde
Test Specification 6.1.3 Emission bandwidth

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 0.74 dB
Ref 20 dBm *Att 30 dB SWF 40 ms 1.486000000 MHz



Comment: Ansi C63.17-1998 6.1.3
Date: 10.JUL.2005 08:35:07

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 : 1924.486MHz
Higher frequency : 1925.46MHz

-12 dB points

Lower frequency : 1924.406MHz
Higher frequency : 1925.53MHz

Measurement diagram



FCC Part 15.303(b) Emission bandwidth

**Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.3
UPCS**

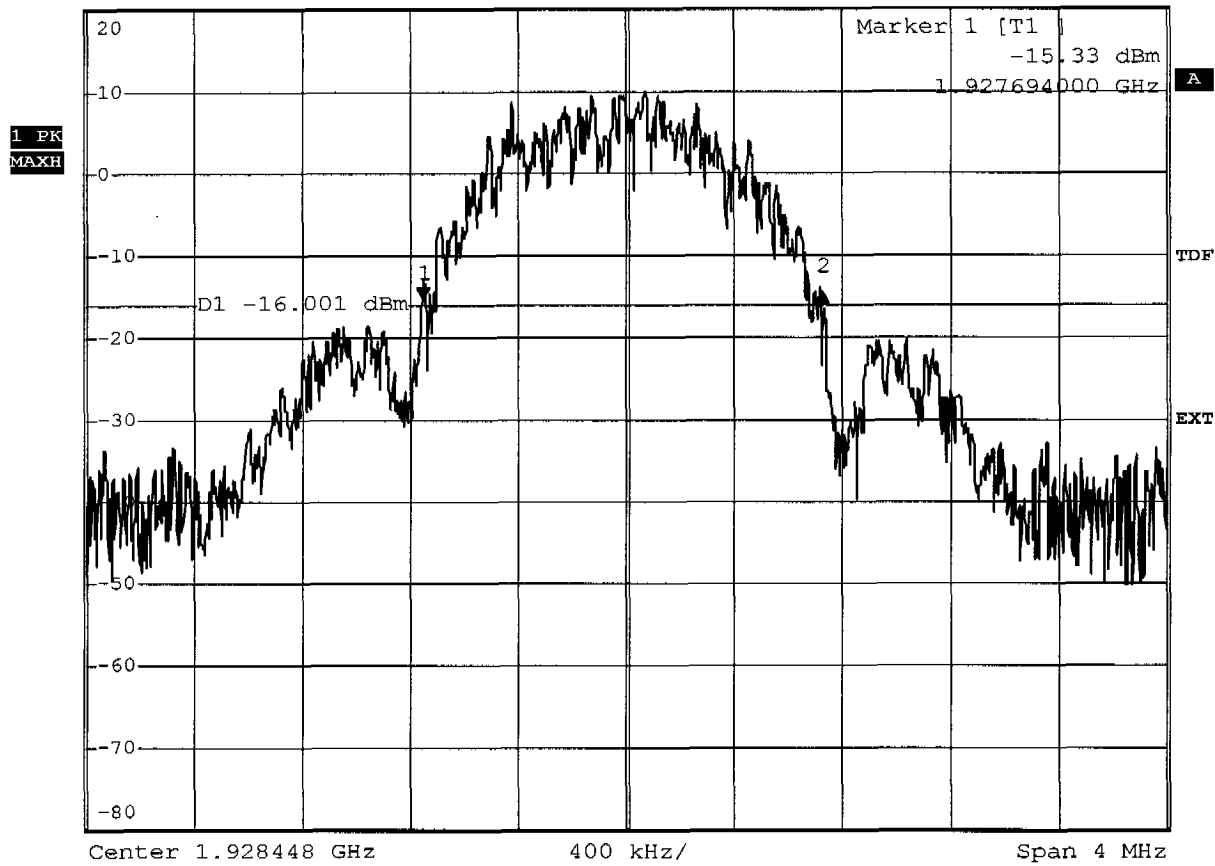
EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N 1G9
 Applicant KIRK telecom A/S
 Temperature 23°C
 Test Site / Operator ETS Reichenwalde
 Test Specification 6.1.3 Emission bandwidth

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 0.76 dB
 Ref 20 dBm *Att 30 dB SWT 40 ms 1.478000000 MHz



Comment: Ansi C63.17-1998 6.1.3
 Date: 10.JUL.2005 08:39:34

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 : 1927.94MHz
Higher frequency : 1928.788MHz

-12 dB points

Lower frequency : 1927.86MHz
Higher frequency : 1929.01MHz

Measurement diagram



Appendix G

Peak Transmit Power

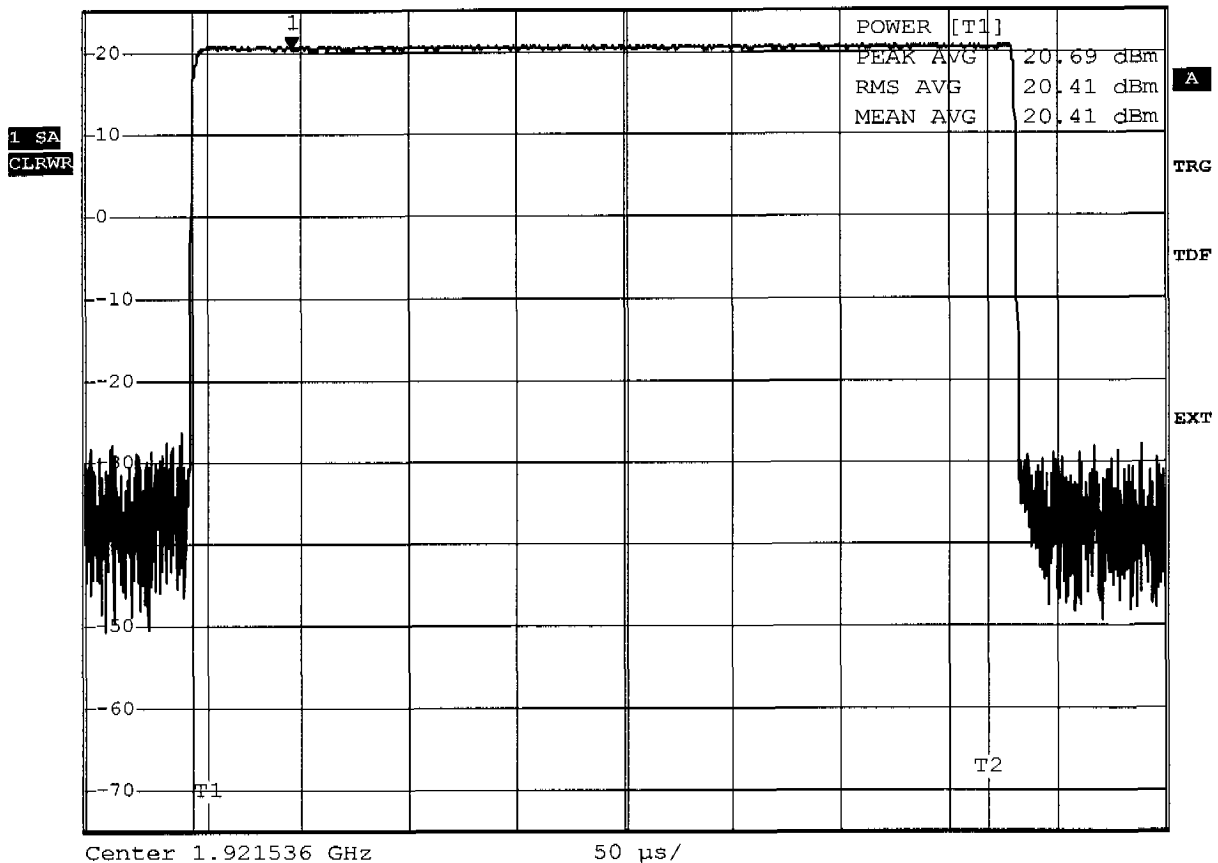
FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.2
 UPCS

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N 1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Measured Bandwidth	1.492MHz
Max. Permitted Power	20,86 dBm
Measured Power	20,69dBm
Test result	Verdict = PASS



Peak transmit power RBW 3 MHz Marker 1 [T1] 20.33 dBm
 *VBW 10 MHz
 Ref 25 dBm *Att 40 dB SWT 500 µs 46.000000 µs



Comment: Ansi C63.17-1998 6.1.2
 Date: 10.JUL.2005 08:41:59

Measurement diagram



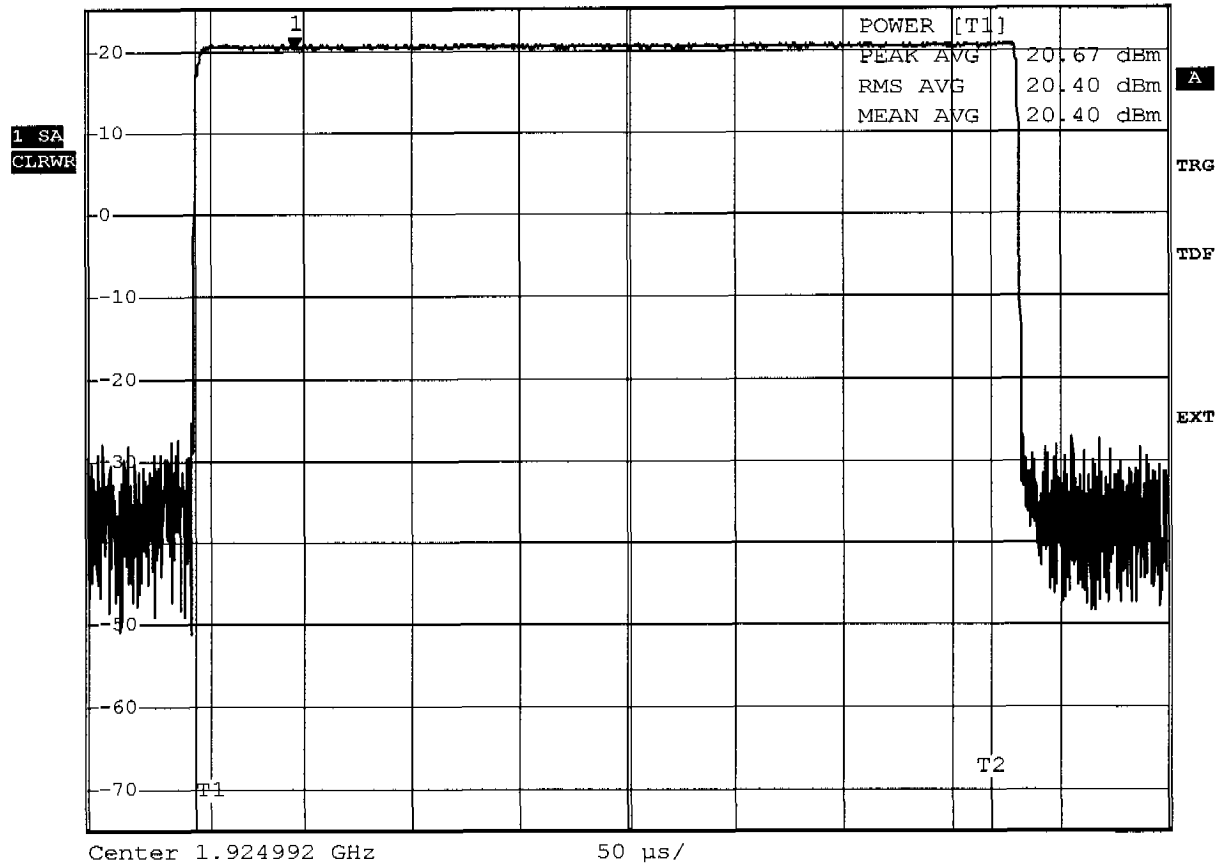
FCC Part 15.319(c) Peak Transmit Power limit

**Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.2
UPCS**

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N 1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Measured Bandwidth	1.492MHz
Max. Permitted Power	20,86 dBm
Measured Power	20,67 dBm
Test result	Verdict = PASS



Peak transmit power RBW 3 MHz Marker 1 [T1] 20.27 dBm
 *VBW 10 MHz 46.000000 µs
 Ref 25 dBm *Att 40 dB SWT 500 µs



Comment: Ansi C63.17-1998 6.1.2
 Date: 10.JUL.2005 08:42:32

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

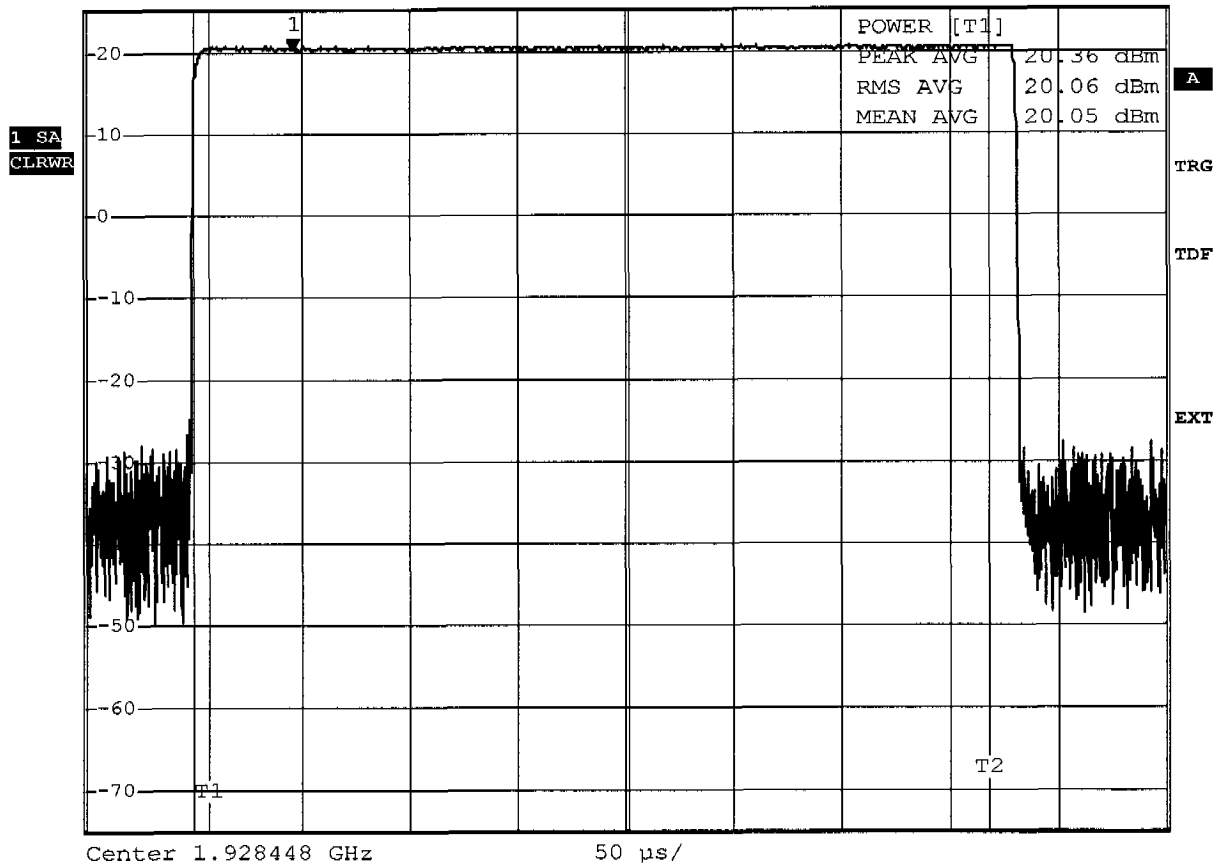
Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.2
 UPCS

EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N 1G9
 Applicant KIRK telecom A/S
 Temperature 23°C
 Test Site / Operator ETS Reichenwalde
 Test Specification 6.1.2 Peak transmit power

Measured Bandwidth 1.492MHz
 Max. Permitted Power 20,86 dBm
 Measured Power 20,36 dBm
 Test result Verdict = PASS



Peak transmit power RBW 3 MHz Marker 1 [T1] 20.23 dBm
 *VBW 10 MHz
 Ref 25 dBm *Att 40 dB SWT 500 µs 46.000000 µs



Comment: Ansi C63.17-1998 6.1.2
 Date: 10.JUL.2005 08:43:05

Measurement diagram

Appendix H

Power spectral density



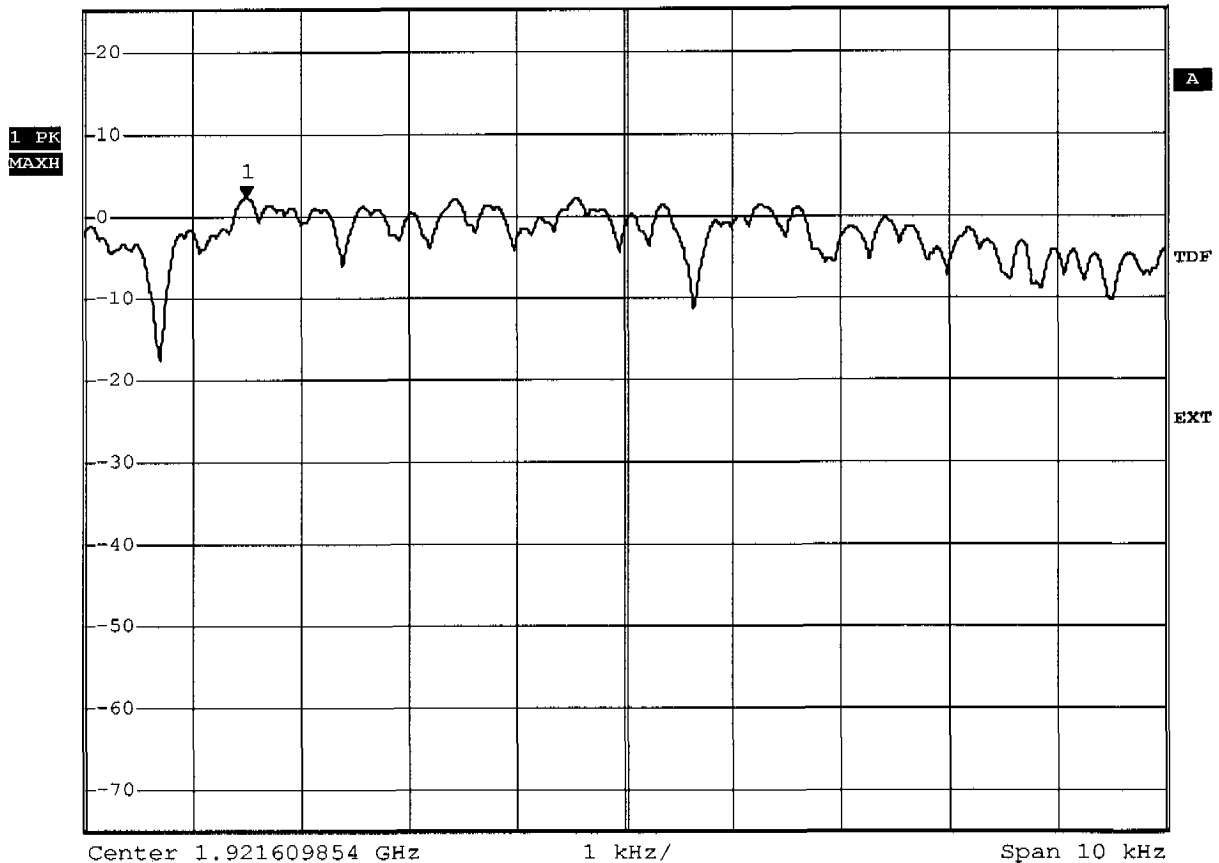
FCC Part 15.319(d) Power spectral density

**Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.5
UPCS**

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N 1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
Measured Maximum	2.204 dBm
Value in mW	1.661mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Power Spectral Densit *RBW 3 kHz Marker 1 [T1]
 Ref 25 dBm *Att 40 dB *VBW 3 kHz 2.20 dBm
 SWT 10 ms 1.921606354 GHz



Comment: Ansi C63.17-1998 6.1.5
 Date: 10.JUL.2005 08:56:34

Measurement diagram

FCC Part 15.319(d) Power spectral density

Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.5
 UPCS

EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N 1G9
 Applicant KIRK telecom A/S
 Temperature 23°C
 Test Site / Operator ETS Reichenwalde
 Test Specification 6.1.5 Power spectral density

Measured Maximum 1.671 dBm
 Value in mW 1.469mW
 Maximal permitted limit=3mW
 Test result Verdict = PASS



Power Spectral Densit

*RBW 3 kHz Marker 1 [T1]

*VBW 3 kHz

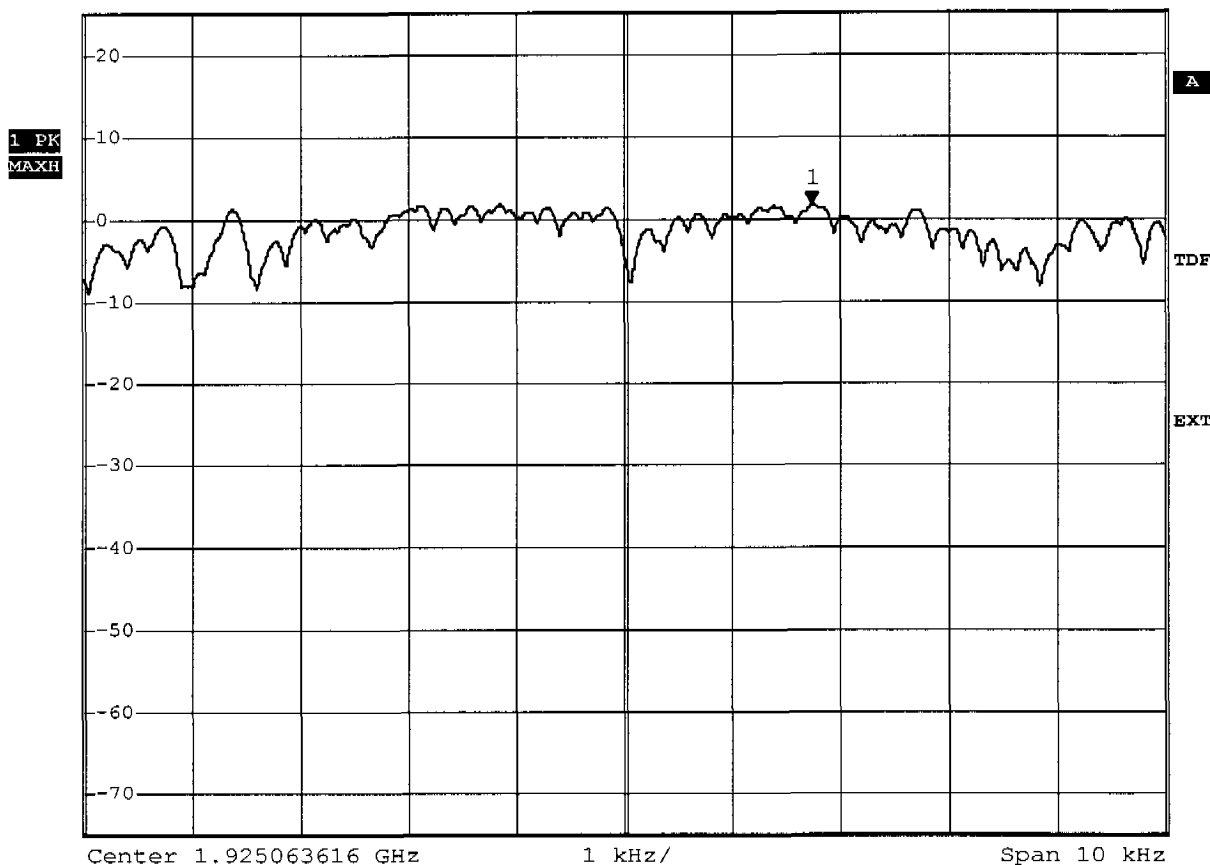
1.67 dBm

Ref 25 dBm

*Att 40 dB

SWT 10 ms

1.925065361 GHz



Comment: Ansi C63.17-1998 6.1.5
 Date: 10.JUL.2005 08:55:08

Measurement diagram



FCC Part 15.319(d) Power spectral density

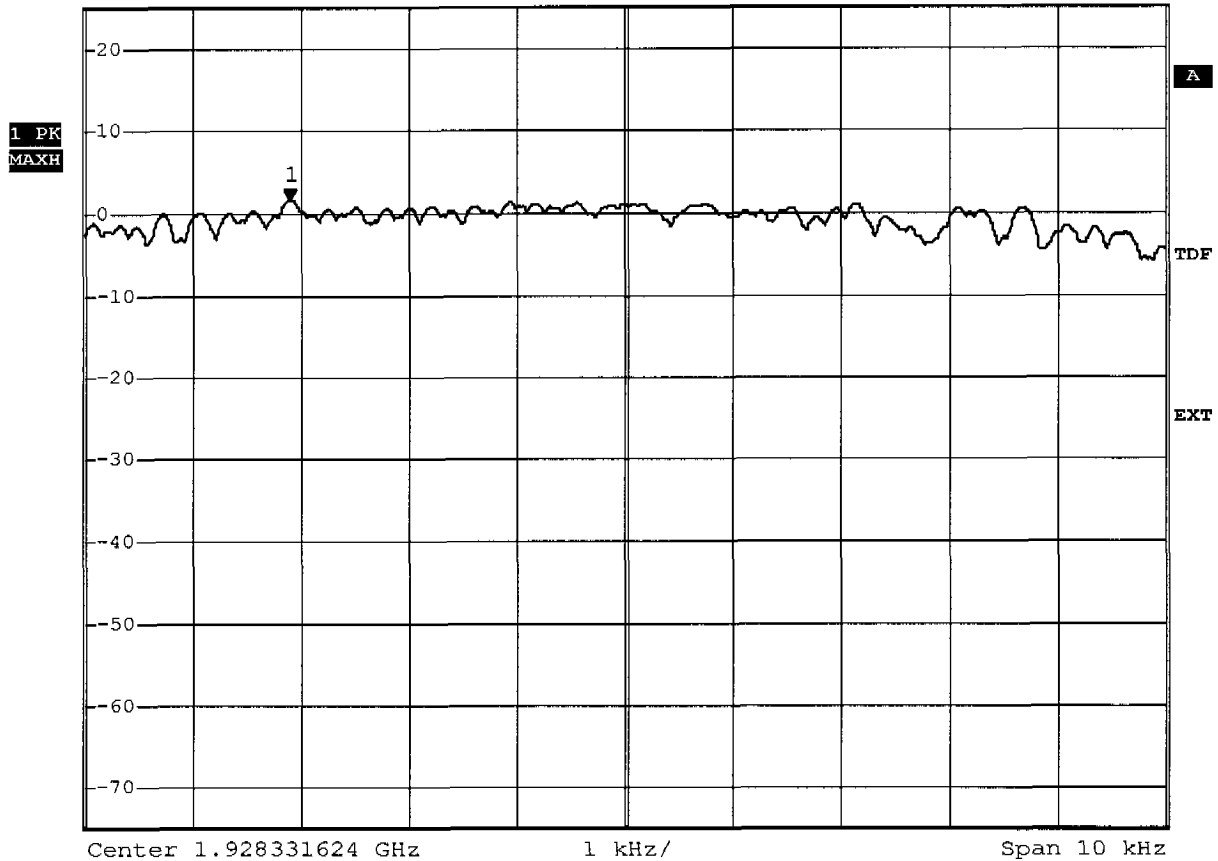
Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.5
 UPCS

EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N 1G9
 Applicant KIRK telecom A/S
 Temperature 23°C
 Test Site / Operator ETS Reichenwalde
 Test Specification 6.1.5 Power spectral density

Measured Maximum 1.604 dBm
 Value in mW 1.447mW
 Maximal permitted limit=3mW
 Test result Verdict = PASS



Power Spectral Densit *RBW 3 kHz Marker 1 [T1]
 Ref 25 dBm *Att 40 dB *VBW 3 kHz 1.60 dBm
 SWT 10 ms 1.928328524 GHz



Comment: Ansi C63.17-1998 6.1.5
 Date: 10.JUL.2005 08:53:29

Measurement diagram



FCC Part 15.319(d) Power spectral density

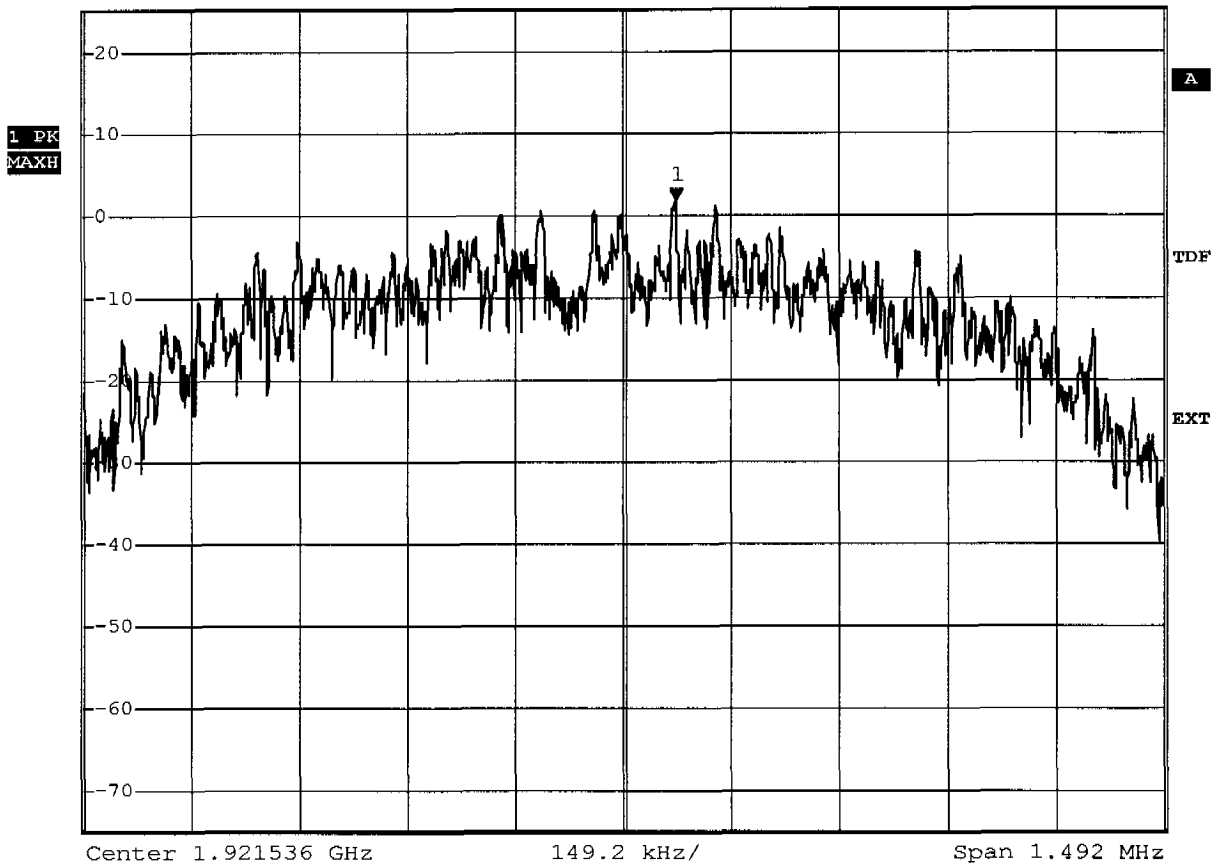
**Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.5
UPCS**

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N 1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Test step 1 initial condition



Power Spectral Densit	*RBW 3 kHz	Marker 1 [T1]
	*VBW 3 kHz	1.72 dBm
Ref 25 dBm	*Att 40 dB	SWT 170 ms
		1.921609854 GHz



Comment: Ansi C63.17-1998 6.1.5
Date: 10.JUL.2005 08:56:23

Measurement diagram



FCC Part 15.319(d) Power spectral density

Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.5
 UPCS

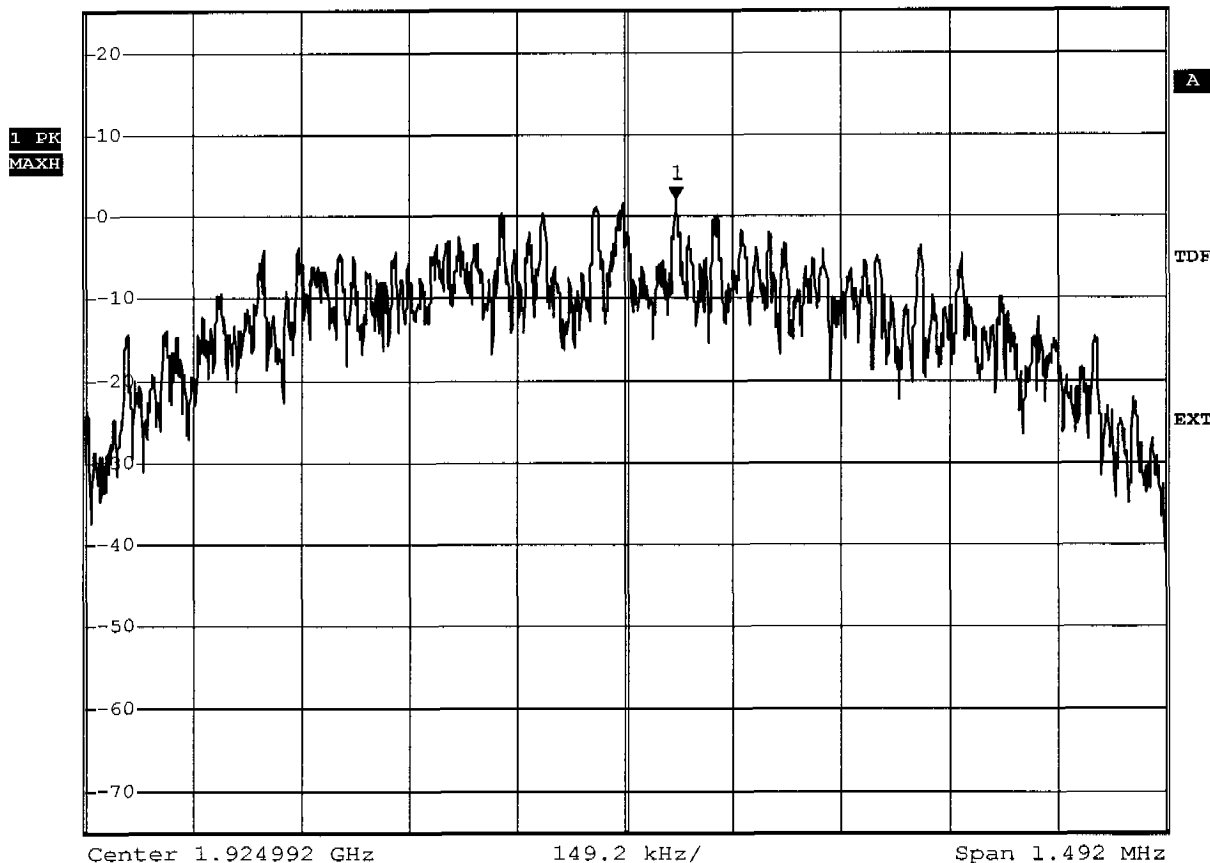
EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N 1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Test step 1 initial condition



Power Spectral Densit

*RBW 3 kHz Marker 1 [T1]
 *VBW 3 kHz 1.94 dBm
 Ref 25 dBm *Att 40 dB SWT 170 ms 1.925063616 GHz



Comment: Ansi C63.17-1998 6.1.5
 Date: 10.JUL.2005 08:54:53

Measurement diagram

FCC Part 15.319(d) Power spectral density

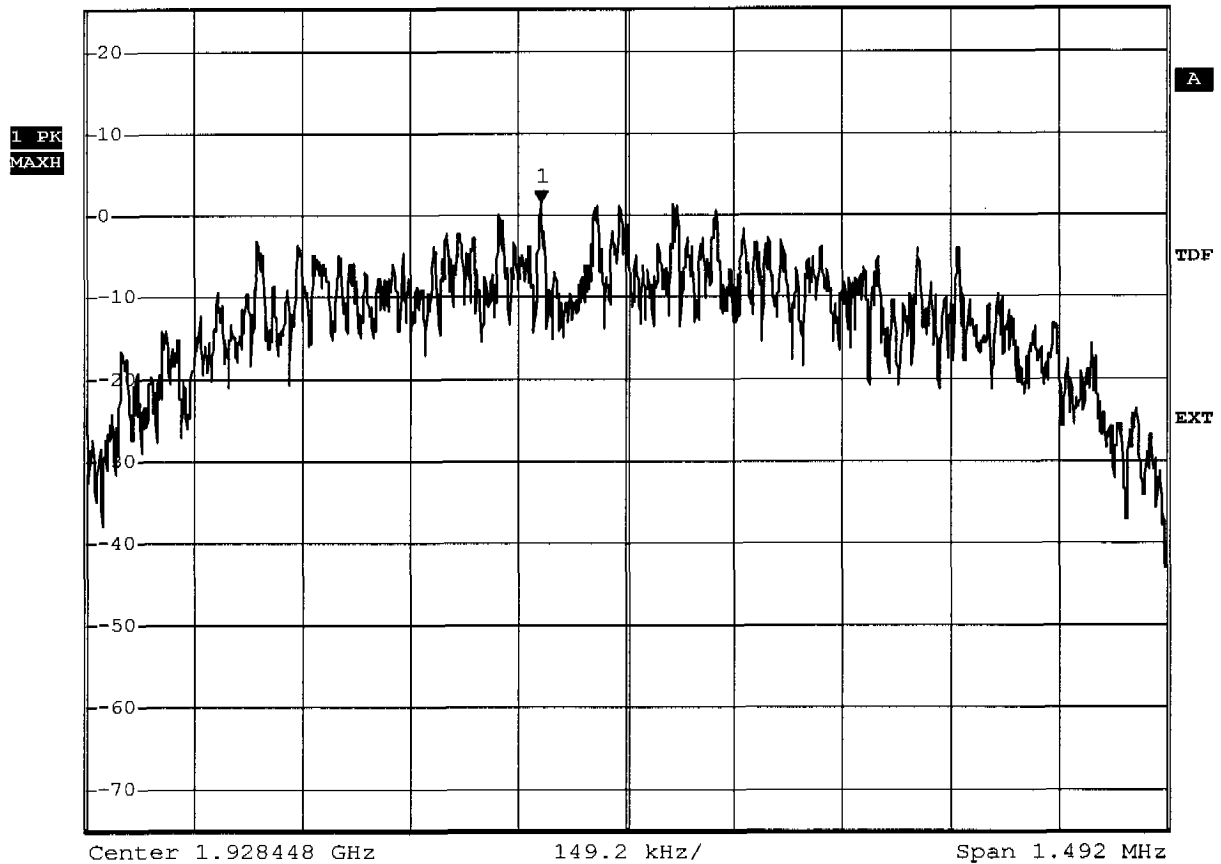
**Testprocedure Rev. Draft 1.1 ANSI 63.17-1998 6.1.5
UPCS**

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N 1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Test step 1 initial condition



Power Spectral Densit	*RBW 3 kHz	Marker 1 [T1]
Ref 25 dBm	*Att 40 dB	1.55 dBm
	SWT 170 ms	1.928331624 GHz



Comment: Ansi C63.17-1998 6.1.5
Date: 10.JUL.2005 08:52:41

Measurement diagram

Appendix I

Directional gain of the antenna

Appendix J

Radio frequency radiation exposure

Appendix K

Monitoring threshold

Interferer

Test case

Rev. Draft 1.1

ANSI_7.3.2.1.2_least_interfered_channel.xml

Date 31.08.2005 19:46:30

Reference to the EUT

G0M20505-9484 / PP5N 1G9

Comment:

7.3.2.1.2_a

KIRK UPCS (DECT based) Handset (PP
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	
00:06:14.4218750	-47,6 -73,2	-80,7 -90,8	-81 -90,7	-81,5 -90,6	-80,9 -90,5	Interference off
00:06:23.8906250	-47,6 -54,2	-54,2 -54,5	-54,7 -55,1	-67 -68,7	-73,1 -76	Interference on
00:06:42.8437500	-53,4 -54,2	-53,3 -54,5	-52,1 -55	-44 -64,6	-16,8 -37	OK 1
00:06:48.0468750	-53,9 -54,2	-54,2 -54,5	-54,7 -55,1	-67,1 -68,7	-48,5 -72	
00:06:55.0937500	-53,3 -54,2	-53,3 -54,5	-52,6 -54,9	-44,2 -64,8	-16,9 -36,8	OK 2
00:07:00.0937500	-53,5 -54,2	-53,4 -54,5	-53,7 -55	-66,4 -68,6	-48,1 -71,9	
00:07:05.3750000	-53,4 -54,2	-53,2 -54,5	-51,9 -55	-44,3 -64,8	-16,9 -37,1	OK 3
00:07:09.7031250	-53,5 -54,2	-53,5 -54,5	-53,7 -55	-66,4 -68,7	-48,1 -71,9	
00:07:14.0312500	-53,4 -54,2	-53,3 -54,5	-52,9 -55	-43,8 -64,8	-17,1 -37,1	OK 4
00:07:17.8906250	-53,5 -54,2	-53,4 -54,5	-53,6 -55	-66,5 -68,7	-48,7 -72	
00:07:23.1875000	-53,4 -54,2	-53 -54,5	-53,1 -55	-44,3 -64,9	-17 -36,8	OK 5

Log file

Test case Rev. Draft 1.1
 ANSI_7.3.2.1.2_least_interfered_channel.xml
 Date 31.08.2005 19:55:02
 Reference to the EUT G0M20505-9484 / PP5N 1G9
 Comment: 7.3.2.1.2_b
 KIRK UPCS (DECT based) Handset (PP)
 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	
00:14:03.8593750	-47,6 -73,2	-81,5 -90,8	-80,6 -90,7	-81,7 -90,9	-81,8 -90,9	Interference off
00:14:10.7968750	-47,3 -54,2	-54,2 -54,5	-54,7 -55,1	-72,2 -75,5	-67,5 -69,3	Interference on
00:14:32.9843750	-52,6 -54,2	-52,6 -54,5	-39,9 -54,8	-17 -36,8	-43,2 -66,9	OK 1
00:14:39.5468750	-53,8 -54,2	-54,2 -54,5	-54,7 -55,1	-48 -72	-67,7 -69,3	
00:14:54.4062500	-53,4 -54,2	-52,8 -54,4	-44,6 -54,8	-17,1 -37,1	-43,3 -66,5	OK 2
00:14:58.7500000	-53,5 -54,2	-53,4 -54,5	-53,6 -55	-46,6 -70,8	-66,7 -69,2	
00:15:09.5000000	-53,1 -54,2	-53,1 -54,5	-40 -54,6	-17 -36,8	-48,1 -67	OK 3
00:15:14.5937500	-53,9 -54,2	-54,2 -54,5	-54,7 -55,1	-48,1 -71,6	-67,8 -69,3	
00:15:22.4218750	-53,3 -54,2	-52,3 -54,5	-41,6 -54,7	-17 -37,4	-45,2 -66,9	OK 4
00:15:26.5625000	-53,5 -54,2	-53,5 -54,5	-53,6 -55	-48,7 -71,8	-67,1 -69,2	
00:15:36.3281250	-53,4 -54,2	-51,1 -54,5	-41,3 -54,6	-16,9 -37,3	-43,8 -66,9	OK 5

Log file

Test case

Rev. Draft 1.1

ANSI_7.3.2.1.2_least_interfered_channel.xml

Date 31.08.2005 20:16:17

Reference to the EUT

G0M20505-9484 / PP5N 1G9

Comment:

7.3.2.1.2_c

KIRK UPCS (DECT based) Handset (PP)

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	
00:36:10.7500000	-47,6 -73,2	-81 -90,8	-79,7 -90,7	-81,4 -90,9	-82,2 -90,9	Interference off
00:36:17.4062500	-47,2 -54,1	-54,1 -54,5	-53,6 -54,9	-72,5 -75,5	-77,1 -82,6	Interference on
00:36:30.2656250	-53,4 -54,1	-53,1 -54,5	-53,2 -55	-43 -66	-16,8 -37,4	OK 1
00:36:34.7812500	-53,5 -54,1	-53,4 -54,5	-53,6 -55	-72,4 -75,5	-48,3 -73,5	
00:36:39.9062500	-53,2 -54,2	-53 -54,5	-53,1 -54,9	-40,5 -65,4	-17 -37	OK 2
00:36:44.3437500	-53,5 -54,1	-53,4 -54,5	-53,7 -55	-72,2 -75,4	-48,4 -74,6	
00:36:48.0937500	-53 -54,2	-53,2 -54,5	-53,1 -55	-42,6 -65,6	-16,8 -37,4	OK 3
00:36:51.2656250	-53,5 -54,1	-53,4 -54,5	-53,6 -55	-72,4 -75,4	-48,5 -73,7	
00:36:55.2968750	-53,4 -54,2	-53,1 -54,5	-53,2 -55	-42,6 -65,7	-16,9 -37	OK 4
00:36:57.9687500	-53,5 -54,2	-53,4 -54,5	-53,7 -55	-71,7 -75,4	-48,7 -73,7	
00:37:02.7812500	-53,4 -54,2	-53,2 -54,5	-53 -55	-39,8 -64,9	-17 -37	OK 5

Log file



Test case Rev. Draft 1.1
 ANSI_7.3.2.1.2_least_interfered_channel.xml
 Date 31.08.2005 20:21:32
 Reference to the EUT GOM20505-9484 / PP5N 1G9
 Comment: 7.3.2.1.2_d
 KIRK UPCS (DECT based) Handset (PP)
 KIRK telecom A/S

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

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHZ	MHz	MHz	MHz	
	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	
00:41:44.2656250	-47,5 -73,2	-80,7 -90,8	-80,5 -90,7	-80,5 -90,8	-82,1 -90,9	Interference on
00:41:48.8593750	-44,7 -54,1	-54,2 -54,5	-54,6 -55	-76,6 -82,2	-72,7 -76,2	Interference off
00:42:03.8593750	-53,3 -54,2	-52,3 -54,5	-43,7 -54,8	-16,7 -37,1	-44,7 -69,6	OK 1
00:42:08.5625000	-53,8 -54,2	-54,2 -54,5	-54,7 -55	-48,5 -73,5	-72,5 -76,1	
00:42:12.6093750	-53,3 -54,2	-52,8 -54,5	-42,4 -54,7	-16,3 -36,9	-48,3 -70	OK 2
00:42:15.5781250	-53,4 -54,2	-53,4 -54,5	-53,7 -55	-46,7 -72,1	-72,2 -76	
00:42:18.6562500	-53,1 -54,2	-52,9 -54,5	-42,6 -54,7	-16,9 -37	-42,3 -69,1	OK 3
00:42:21.7031250	-53,5 -54,2	-53,4 -54,5	-53,6 -55	-46,8 -72	-72,5 -76	
00:42:24.5937500	-53 -54,2	-52,4 -54,5	-44,6 -54,7	-16,9 -37,1	-44,1 -69,7	OK 4
00:42:27.5468750	-53,5 -54,2	-53,4 -54,5	-53,6 -54,9	-47 -72,3	-72,6 -76,1	
00:42:30.5312500	-53,2 -54,2	-52,9 -54,5	-42,5 -54,7	-16,6 -37,3	-47,2 -69,9	OK 5

Log file

Test case Rev. Draft 1.1 ANSI_7.3.1.1.3_upper_theshold
 Date 13.07.2005 08:28:59
 Reference to the EUT G0M20505-9484 / PP5N 1G9
 Comment: initial setup

KIRK UPCS (DECT based) Handset (PP)
 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	
00:01:27.8906250	-80,6 -90,8	-80,9 -90,9	-81,7 -90,8	-81,6 -90,9	-80,1 -90,8	Interferers off
00:01:32.7187500	-52,4 -52,6	-80,7 -91	-80,7 -90,7	-81,9 -90,9	-82,1 -90,9	Interferers on
00:01:33	-52,4 -52,6	-52,6 -52,9	-80,9 -90,9	-82,2 -91	-81,1 -90,9	
00:01:33.2656250	-51,9 -52,6	-51,8 -52,9	-51,7 -54,7	-81,2 -90,9	-81,9 -90,9	
00:01:33.6562500	-51,9 -52,6	-51,9 -52,9	-51,7 -53,1	-51,6 -53,2	-81,3 -90,9	
00:01:33.8437500	-51,9 -52,6	-51,8 -52,8	-51,8 -53,1	-51,6 -53,2	-53,1 -59,3	
00:01:33.9375000	-51,8 -52,6	-51,9 -52,9	-51,7 -53,1	-51,7 -53,2	-51,6 -53,1	
00:01:47.5156250	-51,9 -52,6	-52,6 -52,9	-52,8 -53,1	-51,7 -53,2	-53 -53,3	
00:01:58.6875000	-53,3 -53,6	-53,6 -53,9	-52,7 -54,1	-53,9 -54,2	-53,9 -54,3	
00:02:12.0625000	-54,3 -54,6	-54,5 -54,9	-54,8 -55,1	-54,9 -55,2	-54,9 -55,3	
00:02:33.0468750	-55,3 -55,7	-55,6 -56	-55,7 -56,1	-55,8 -56,3	-55,9 -56,3	
00:02:39.8906250	-56,2 -56,7	-56,5 -57	-56,8 -57,2	-56,9 -57,3	-56,9 -57,3	
00:02:49.8593750	-57,2 -57,7	-57,5 -58	-57,8 -58,2	-57,8 -58,3	-57,8 -58,3	
00:03:21.2656250	-58,1 -58,7	-51,9 -58,9	-58,6 -59,2	-58,7 -59,3	-58,8 -59,3	
00:03:23.8437500	-16,8 -37	-45,9 -58,7	-56,2 -59,1	-56,7 -59,2	-56,5 -59,2	Upper threshold is -58 dB
00:03:32.4531250	-17,2 -36,4	-42,6 -58,6	-56 -59,1	-57,2 -59,2	-55,9 -59,2	

Log file



Appendix L

Monitoring of intended transmit window and maximum reaction time

Test case Rev. Draft 1.1 ANSI_7.5_reaction_time_high_ch_35us
 Date 14.07.2005 09:18:20
 Reference to the EUT G0M20505-9484 / PP5N 1G9
 Comment: 7.5_high_ch_35us
 KIRK UPCS (DECT based) Handset (PP)
 KIRK telecom A/S

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

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	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	
00:00:08.9843750	-81 -91	-81,4 -90,9	-50 -75,6	-81,5 -90,9	-81,4 -90,8	
00:00:17.4375000	-55 -55,4	-55,1 -55,5	-46,4 -55,4	-55,4 -55,8	-45,8 -65,2	Interferers on
00:07:10.1250000	-54,9 -55,4	-55,1 -55,5	-46,4 -55,4	-55,4 -55,8	-45,7 -65,1	No connection

Log file

Test case Rev. Draft 1.1 ANSI_7.5_reaction_time_high_ch_50us
 Date 14.07.2005 08:57:05
 Reference to the EUT G0M20505-9484 / PP5N 1G9
 Comment: 7.5_high_ch_50us
 KIRK UPCS (DECT based) Handset (PP)
 KIRK telecom A/S

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

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHZ	MHz	MHz	MHz	
	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	
01:10:18.3593750	-81,7 -90,7	-49,9 -75,5	-82,2 -90,8	-81,5 -90,9	-81,7 -90,8	
01:10:22.7187500	-54,9 -55,3	-47,1 -55,4	-55,1 -55,5	-55,4 -55,7	-51,2 -67,1	Interferers on
01:16:53.3437500	-54,9 -55,3	-55,1 -55,5	-49,1 -55,4	-55,4 -55,8	-51,2 -67,1	No connection

Log file



Test case Rev. Draft 1.1
 ANSI_7.5_reaction_time_high_ch_75us_symb180
 Date 14.07.2005 09:32:33
 Reference to the EUT GOM20505-9484 / PP5N 1G9
 Comment: 7.5_high_ch_75us_symb180
KIRK UPCS (DECT based) Handset (PP)
KIRK telecom A/S

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

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHZ	MHz	MHz	MHz	
	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		
00:18:00.4531250	-81,7 -91	-81,9 -91	-49,8 -75,5	-81,9 -90,7	-81,4 -91	
00:18:03.8437500	-55 -55,4	-55,1 -55,5	-49 -55,5	-55,4 -55,8	-41,2 -55,7	Interferers on
00:18:27.6406250	-55 -55,4	-55,1 -55,5	-46,3 -55,5	-55,4 -55,8	-41,1 -55,7	
00:21:35.3750000	-55 -55,4	-55,1 -55,5	-46,8 -55,5	-55,3 -55,8	-41,2 -55,7	No connection

Log file



Test case Rev. Draft 1.1
 ANSI_7.5_reaction_time_high_ch_75us_symb360
 Date 14.07.2005 09:49:43
 Reference to the EUT G0M20505-9484 / PP5N 1G9

 Comment: 7.5_high_ch_75us_symb360

 KIRK UPCS (DECT based) Handset (PP)
 KIRK telecom A/S

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

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHZ	MHZ	MHz	MHz	
	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	
00:24:37.4531250	-82,6 -90,9	-81,4 -90,9	-50 -75,6	-80,6 -91,1	-81,4 -90,7	
00:24:42.4531250	-52,7 -53	-52,8 -53,1	-46,3 -53,1	-53,1 -53,4	-41,6 -55,3	Interferers on
00:37:55.4531250	-52,8 -53	-52,8 -53,1	-47,8 -53,2	-53 -53,4	-41,6 -55,3	No connection

Log file

Test case Rev. Draft 1.1 ANSI_7.5_reaction_time_low_ch_35us
 Date 14.07.2005 07:37:00
 Reference to the EUT G0M20505-9484 / PP5N 1G9
 Comment: 7.5_low_ch_35us
 KIRK UPCS (DECT based) Handset (PP)
 KIRK telecom A/S

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

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	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	
00:10:51.5625000	-81,9 -90,7	-51,4 -77	-81,4 -90,6	-80,4 -90,5	-81,2 -90,7	Interferers off
00:10:56.5000000	-45,9 -63,4	-48,3 -54,4	-53,4 -54,7	-53,2 -54,8	-53,2 -59,8	Interferers on
00:14:57.6250000	-44,2 -61,8	-48,3 -52,7	-52,6 -52,9	-52,8 -53,1	-53 -53,3	No connection

Log file

Test case Rev. Draft 1.1 ANSI_7.5_reaction_time_low_ch_50us
 Date 14.07.2005 07:29:28
 Reference to the EUT G0M20505-9484 / PP5N 1G9
 Comment: 7.5_low_ch_50us
 KIRK UPCS (DECT based) Handset (PP)
 KIRK telecom A/S

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

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	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	
00:05:59.2968750	-81,5 -90,8	-80,7 -90,6	-50,8 -76,4	-81,4 -90,7	-80,8 -90,7	Interferers off
00:06:03.5625000	-51,4 -67,3	-55,6 -55,9	-49,7 -56,4	-56,7 -57,1	-57,3 -57,8	Interferers on
00:07:32	-52,5 -68,4	-49,7 -54,5	-54,4 -54,7	-54,5 -54,8	-54,5 -54,9	No connection

Log file



Test case Rev. Draft 1.1
ANSI_7.5_reaction_time_low_ch_75us_symb0
Date 14.07.2005 07:48:35
Reference to the EUT G0M20505-9484 / PP5N 1G9

Comment: 7.5_low_ch_75us_symb0

KIRK UPCS (DECT based) Handset (PP)
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	
00:05:10.3593750	-80,9 -90,6	-49,9 -75,5	-81,2 -90,7	-80,2 -90,9	-81,1 -90,6	
00:05:19.0937500	-40,9 -54,6	-47,8 -52,7	-52,6 -52,9	-52,8 -53,1	-53,1 -53,3	Interferers on
00:08:15.2343750	-40,9 -54,6	-46,1 -52,7	-52,7 -53	-52,8 -53,1	-53,1 -53,3	No connection

Log file

ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH
Storkower Str. 38C, D-15526 REICHENWALDE B. BERLIN

Test case Rev. Draft 1.1
ANSI_7.5_reaction_time_low_ch_symb180 Date 14.07.2005 07:54:23
Reference to the EUT G0M20505-9484 / PP5N 1G9

Comment: 7.5_low_ch_75us_symb180

 KIRK UPCS (DECT based) Handset (PP)
 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	
00:11:26.2812500	-81,8 -90,8	-49,7 -75,3	-81,3 -90,8	-80,7 -90,9	-82,1 -90,8	
00:11:30.5937500	-40,3 -55,2	-47,6 -52,7	-52,7 -53	-52,8 -53,1	-53,1 -53,4	Interferers on
00:14:19.3437500	-40,3 -55,2	-46,4 -52,8	-52,7 -53	-52,9 -53,2	-53,1 -53,4	No connection

Log file

Test case Rev. Draft 1.1 ANSI_7.5_reaction_time_mid_ch_35us
 Date 14.07.2005 08:24:51
 Reference to the EUT G0M20505-9484 / PP5N 1G9
 Comment: 7.5_mid_ch_35us
 KIRK UPCS (DECT based) Handset (PP)
 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	
00:42:50.0781250	- 81 - 91	- 50 - 75,6	- 82,8 - 91,3	- 80,1 - 92,1	- 80,1 - 90,7	
00:42:51.164350	- 53,2 - 53	- 46,3 - 53,2	- 43,8 - 59	- 53,9 - 51,9	- 54,1 - 51,9	Interferers on
00:42:57.7031250	- 52,8 - 52,2	- 48,5 - 53	- 46,6 - 66,9	- 54,3 - 53,3	- 53,5 - 53,5	No connection

Log file

Test case Rev. Draft 1.1 ANSI_7.5_reaction_time_mid_ch_50us
 Date 14.07.2005 08:20:14
 Reference to the EUT G0M20505-9484 / PP5N 1G9
 Comment: 7.5_mid_ch_50us
 KIRK UPCS (DECT based) Handset (PP)
 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	
00:19:58.7031250	-80,3 -90,6	-50 -75,7	-80,6 -90,7	-81,5 -90,8	-81,5 -90,8	
00:20:03.7031250	-54,8 -55,2	-49,4 -55,3	-52 -69,2	-55,2 -55,6	-55,5 -55,8	Interferers on
00:39:55.5625000	-54,9 -55,3	-49 -55,4	-52 -69,3	-55,3 -55,7	-55,5 -55,9	No connection

Log file

Test case Rev. Draft 1.1
 ANSI_7.5_reaction_time_mid_ch_75us_symb0
 Date 14.07.2005 08:32:52
 Reference to the EUT GOM20505-9484 / PP5N 1G9

 Comment: 7.5_mid_ch_75us_symb0

 KIRK UPCS (DECT based) Handset (PP)
 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	
00:50:46.5468750	-80 -90,9	-49,8 -75,6	-81,4 -90,8	-82,3 -90,9	-82,3 -91	
00:50:52.6406250	-55 -55,3	-48,5 -55,3	-41,6 -58,8	-55,3 -55,7	-55,5 -55,9	Interferers on
00:52:46.0312500	-55 -55,3	-49,1 -55,4	-41,6 -58,8	-55,3 -55,7	-55,5 -56	No connection

Log file

Test case Rev. Draft 1.1
ANSI_7.5_reaction_time_mid_ch_75us_symb180
Date 14.07.2005 08:37:12
Reference to the EUT G0M20505-9484 / PP5N 1G9

Comment: 7.5_mid_ch_75us_symb180

KIRK UPCS (DECT based) Handset (PP)
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	
00:55:08.2187500	-81,7 -91,1	-50,1 -75,7	-80,7 -90,8	-80,6 -91	-81,7 -90,8	
00:55:12.3593750	-54,9 -55,3	-49,8 -55,4	-41,3 -58,2	-55,2 -55,7	-55,6 -56	Interferers on
00:57:26.2500000	-54,9 -55,3	-49 -55,4	-41,3 -58,2	-55,3 -55,7	-55,6 -56	No connection

Log file

Test case Rev. Draft 1.1
 ANSI_7.5_reaction_time_mid_ch_75us_symb360
 Date 14.07.2005 08:47:38
 Reference to the EUT G0M20505-9484 / PP5N 1G9

 Comment: 7.5_mid_ch_75us_symb360

 KIRK UPCS (DECT based) Handset (PP)
 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	
01:00:54.4531250	-81,9 -91,1	-50,3 -75,9	-81,7 -91,1	-81,6 -90,9	-81,9 -90,8	
01:00:57.6875000	-55 -55,3	-50,3 -55,4	-40,5 -58	-55,3 -55,7	-55,5 -55,9	Interferers on
01:07:40.3906250	-55 -55,3	-49,6 -55,4	-40,4 -58	-55,3 -55,7	-55,6 -56	No connection

Log file

Appendix M

Monitoring band width



Test case Rev. Draft 1.1
ANSI_7.4.1_monitoring_bandwidth_high_+30%
 Date 14.07.2005 11:47:08
Reference to the EUT G0M20505-9484 / PP5N 1G9

Comment: 7.4.1einfacher test_high_+30%

 KIRK UPCS (DECT based) Handset (PP)
 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	
02:20:09.0312500	-81 -90,9	-80 -91	-81,4 -90,9	-80,2 -91,1	-50,1 -75,8	
02:21:10.9531250	-51,8 -52,1	-52 -52,2	-52 -52,2	-52,2 -52,5	-50,3 -76	Interferers on
02:35:41.5937500	-51,8 -52,1	-52 -52,2	-52 -52,2	-52,3 -52,5	-50 -75,7	No connection

Log file

Test case
high_-30%

Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth_

Reference to the EUT

Date 14.07.2005 11:26:46
G0M20505-9484 / PP5N 1G9

Comment:

7.4.1einfacher test_high_-30%

KIRK UPCS (DECT based) Handset (PP)
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	
02:10:55.0781250	-82,3 -90,8	-81,2 -90,8	-81,5 -91	-81,5 -91,1	-50 -75,8	
02:10:59.2031250	-55,1 -55,4	-55,2 -55,6	-55,2 -55,6	-55,5 -55,9	-50,2 -75,9	Interferers on
02:15:28.1718750	-51,8 -52,1	-52 -52,2	-52,2 -52,6	-52,2 -52,5	-50,2 -75,9	No connection

Log file

Test case
low_+30%

Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth_

Reference to the EUT

Date 14.07.2005 11:07:14
G0M20505-9484 / PP5N 1G9

Comment:

7.4.1einfacher test_low_+30%

KIRK UPCS (DECT based) Handset (PP)
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	
01:48:06.5000000	-82,2 -91	-81,5 -90,6	-82 -90,9	-81,8 -90,9	-51,6 -77,3	
01:48:10.1406250	-82,3 -91	-54,5 -54,9	-54,9 -55,2	-55 -55,3	-49,7 -55,4	Interferers on
01:56:10.5468750	-81,3 -90,9	-53,6 -53,9	-52,8 -54,1	-52,7 -54,3	-47,4 -54,2	No connection

Log file

Test case
30%

Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth_low_-

Reference to the EUT

Date 14.07.2005 10:57:14
G0M20505-9484 / PP5N 1G9

Comment:

7.4.1einfacher test_low_-30%

KIRK UPCS (DECT based) Handset (PP)
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	
01:39:47.6875000	-82,1 -90,9	-81,3 -91	-49,9 -75,6	-80,7 -91	-81,5 -90,9	
01:39:57.4687500	-81 -90,9	-55,1 -55,5	-49,6 -55,7	-55,5 -55,8	-55,7 -56,1	Interferers off
01:40:59.8281250	-16,9 -36,8	-53,8 -54,8	-53,8 -55,2	-53,7 -55,2	-48,4 -55,2	
01:46:02.4531250	-81,3 -91	-54,6 -54,9	-54,9 -55,2	-55 -55,4	-49,9 -55,4	No conection

Log file

Test case
mid_+30%

Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth_

Date 14.07.2005 11:20:27

Reference to the EUT

G0M20505-9484 / PP5N 1G9

Comment:

7.4.1einfacher test_mid_+30%

KIRK UPCS (DECT based) Handset (PP)
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	
02:05:16.8125000	-81,6 -91	-81,8 -91	-80,8 -91	-82 -90,9	-50,3 -76	
02:05:20.8906250	-51,9 -53,5	-52 -52,2	-81 -90,9	-52,2 -52,5	-48 -52,7	Interferers on
02:09:18.9687500	-51,9 -53,5	-51,9 -52,2	-81,3 -90,9	-52,2 -52,5	-46,1 -52,7	No connection

Log file

Test case
mid_-30%

Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth_

Date 14.07.2005 11:14:35

Reference to the EUT

G0M20505-9484 / PP5N 1G9

Comment:

7.4.1einfacher test_mid_-30%

KIRK UPCS (DECT based) Handset (PP)
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	
01:58:21.6875000	-81,9 -91,1	-81 -91	-81,7 -91,1	-80,4 -90,9	-51,8 -77,4	
01:58:27.8125000	-53 -53,7	-52,9 -54	-82 -91	-52,7 -54,3	-45,4 -54,3	Interferers on
02:03:04.9218750	-51,8 -52,1	-52 -52,2	-82,1 -90,9	-52,2 -52,5	-45,4 -52,7	No connection

Log file



Appendix N

Random waiting interval