



Appendix B

Coordination with fixed microwave service

UTAM, Inc.

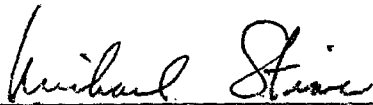
SECTION 15.307(b) AFFIDAVIT

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

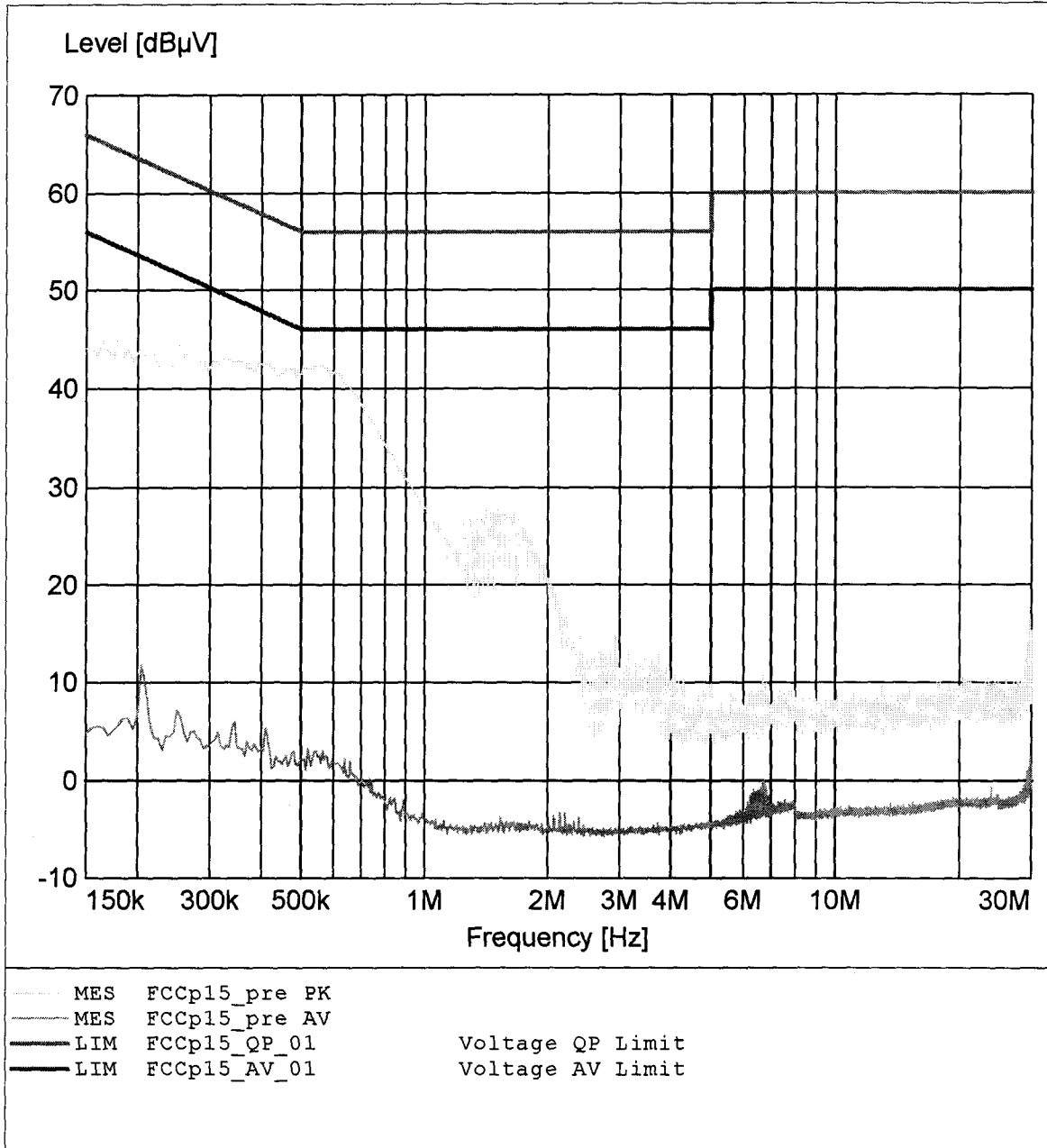


Appendix E

Conducted limits AC Power line

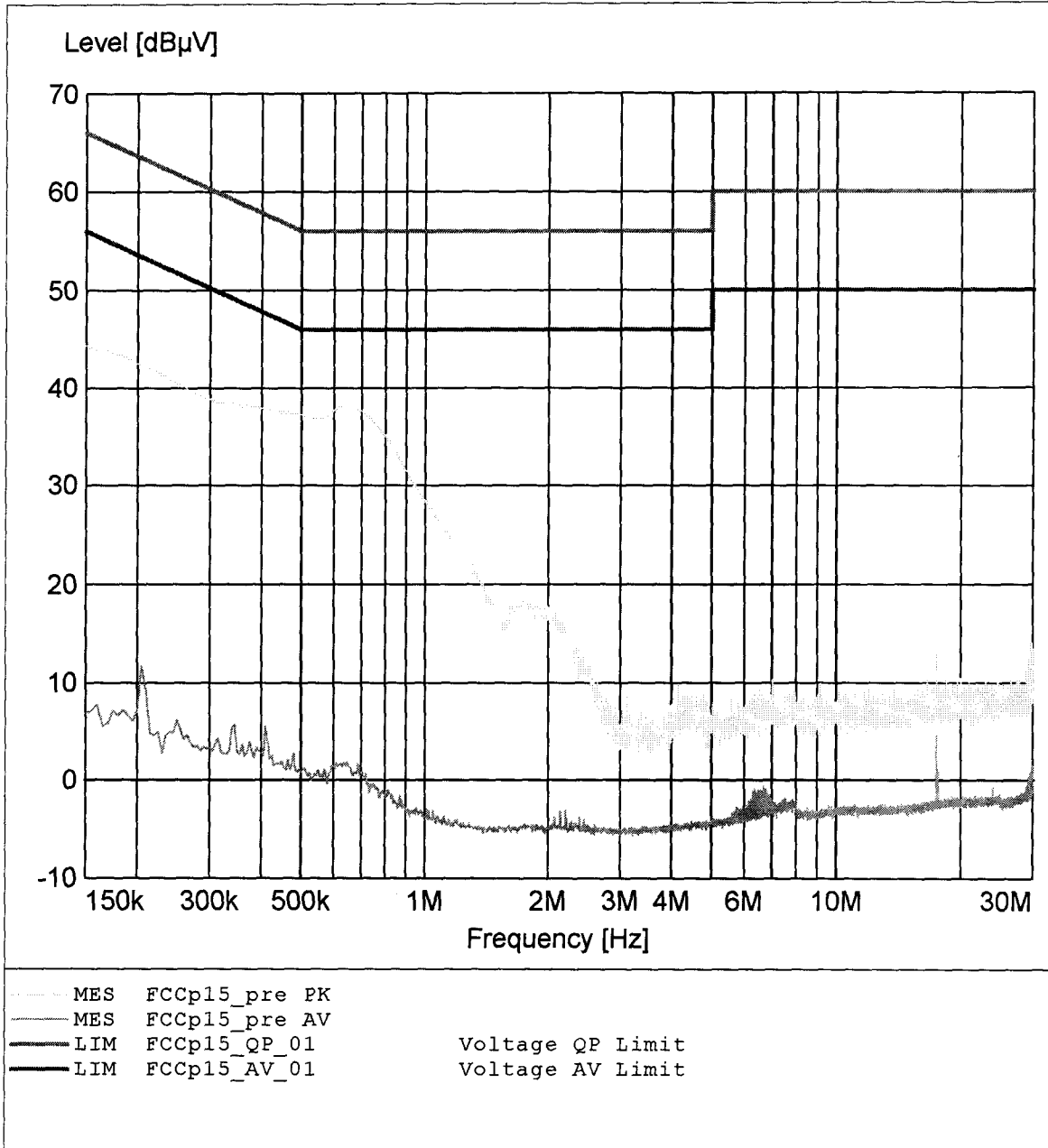
EMI voltage test in the ac-mains according to FCC part 15

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: PP5N40-1G9 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), Thom: 23°C
 Test Site: ETS
 Operator: Mr. Pflug
 Test Specification: V-Network: ESH2-Z5 (N)
 Comment: model: PP5N40-1G9 mode: charging





Appendix F

Emission bandwidth

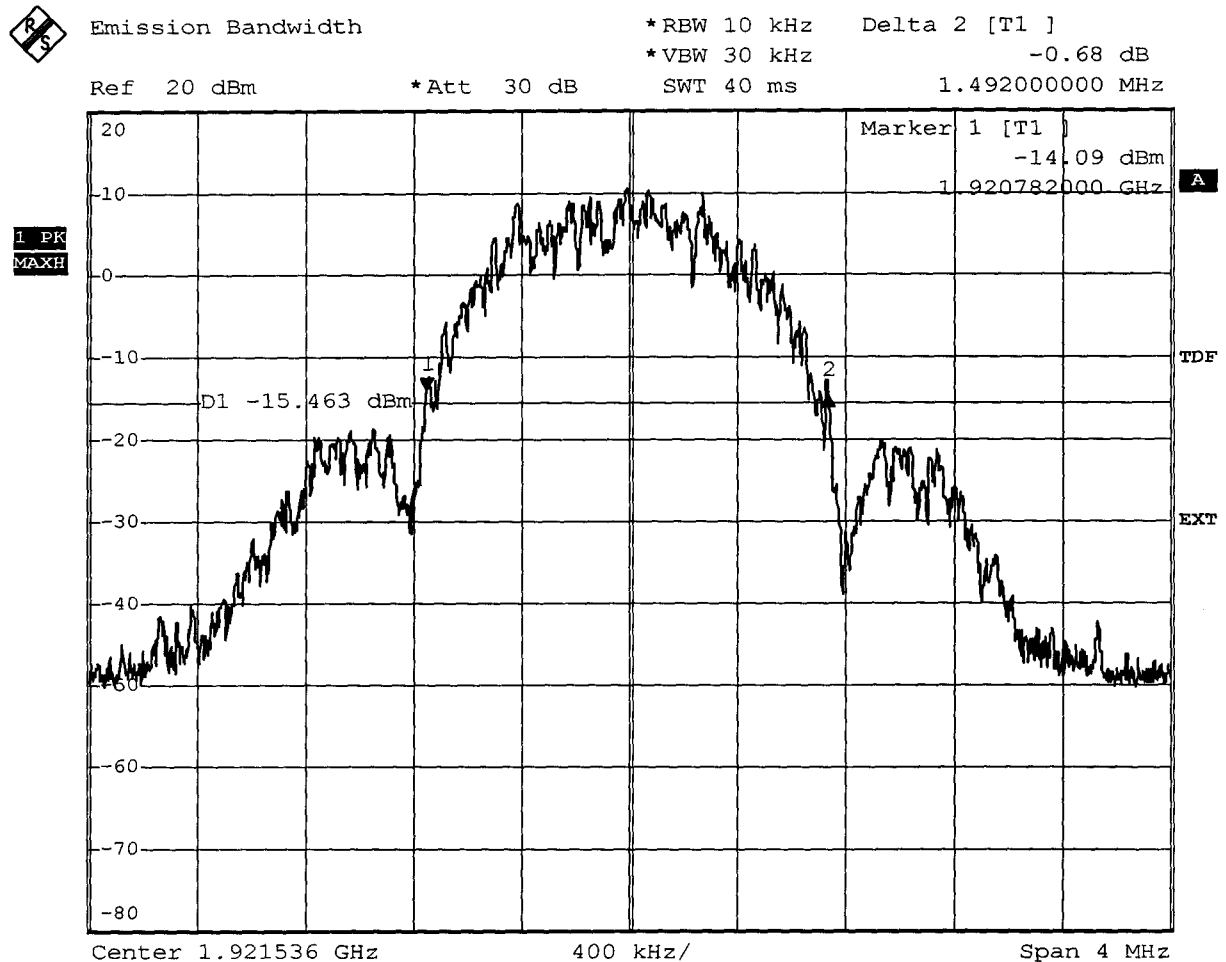
FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3 UPCS

EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N40-1G9
 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



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

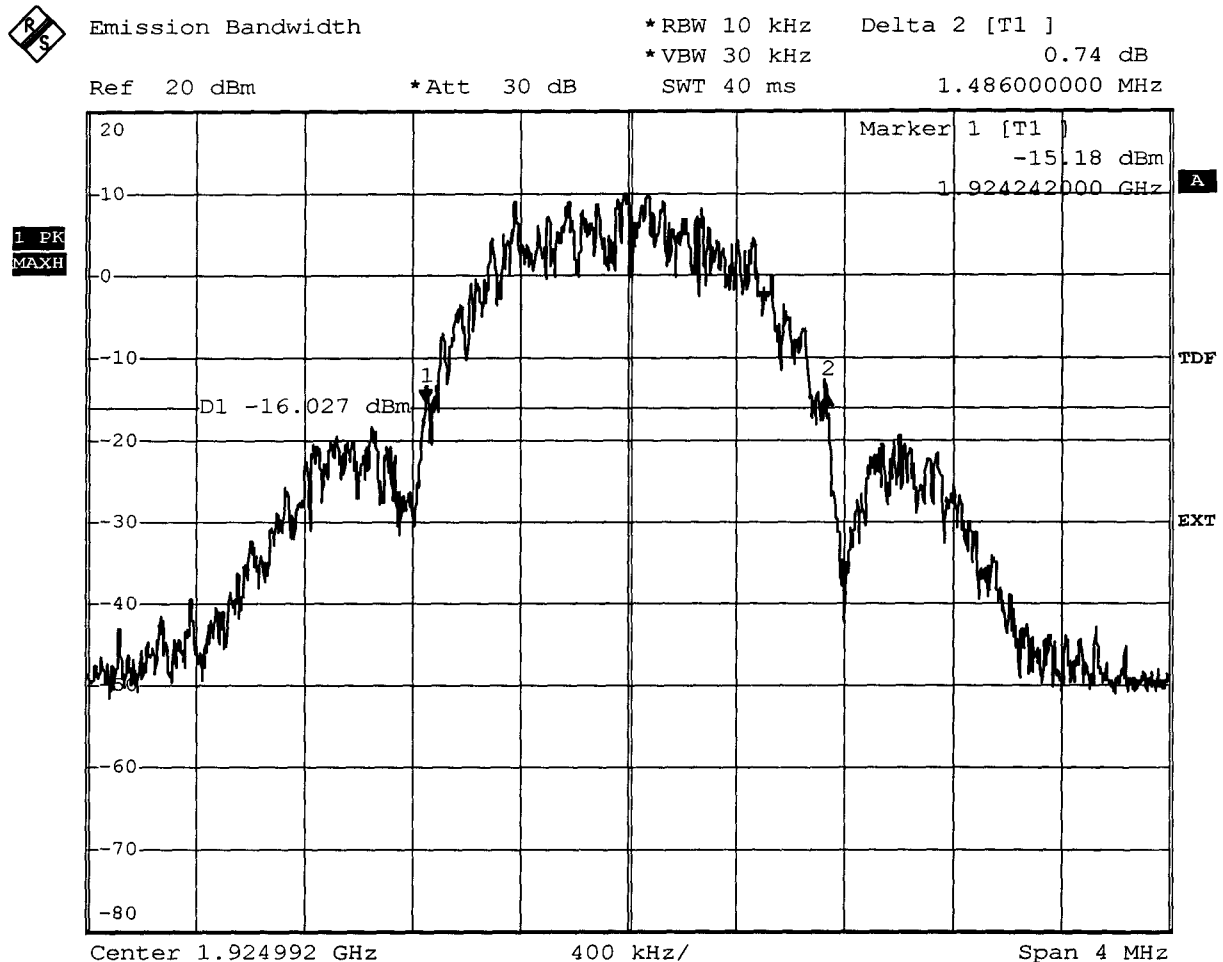
FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3 UPCS

EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N40-1G9
 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



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

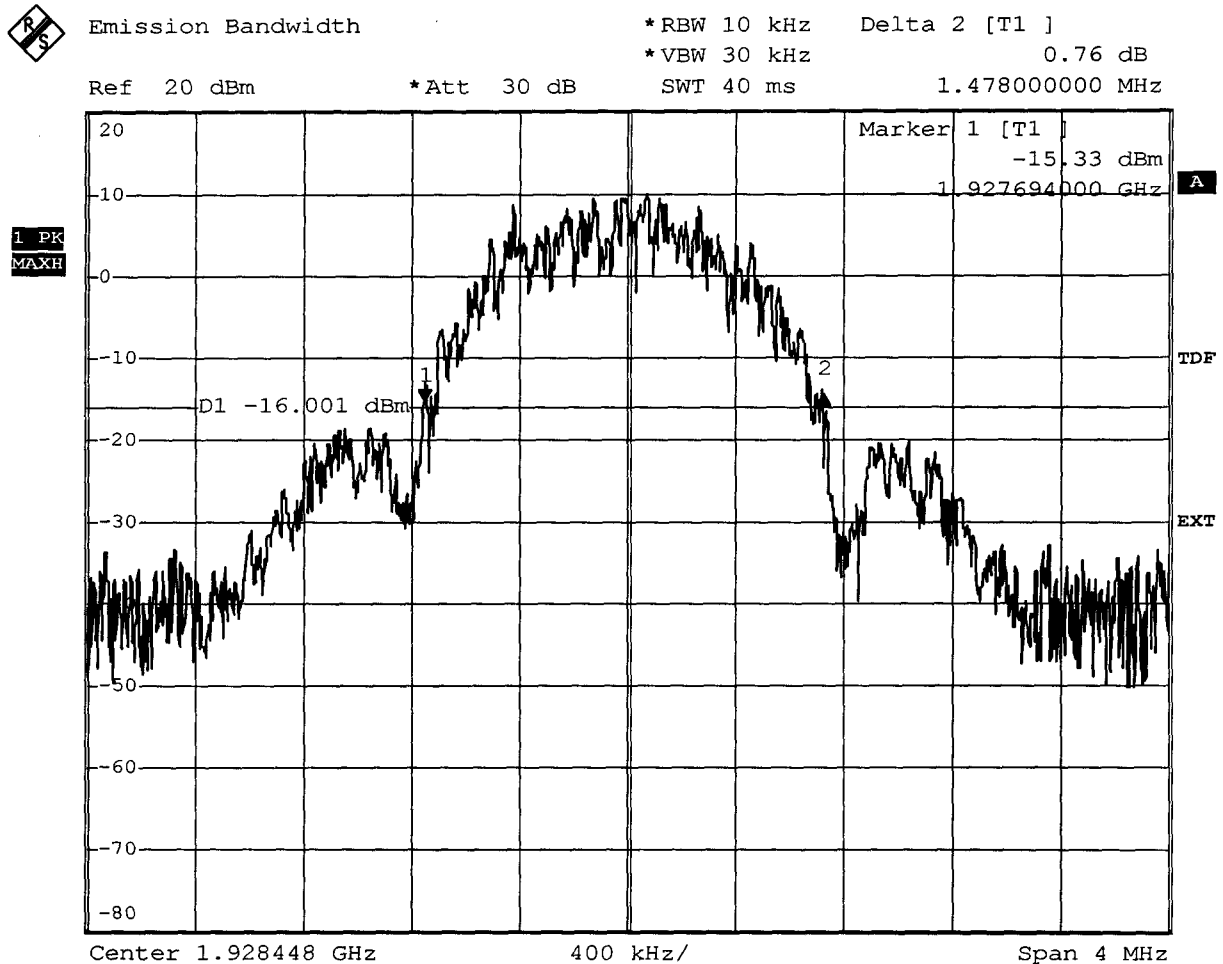
FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3 UPCS

EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N40-1G9
 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



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



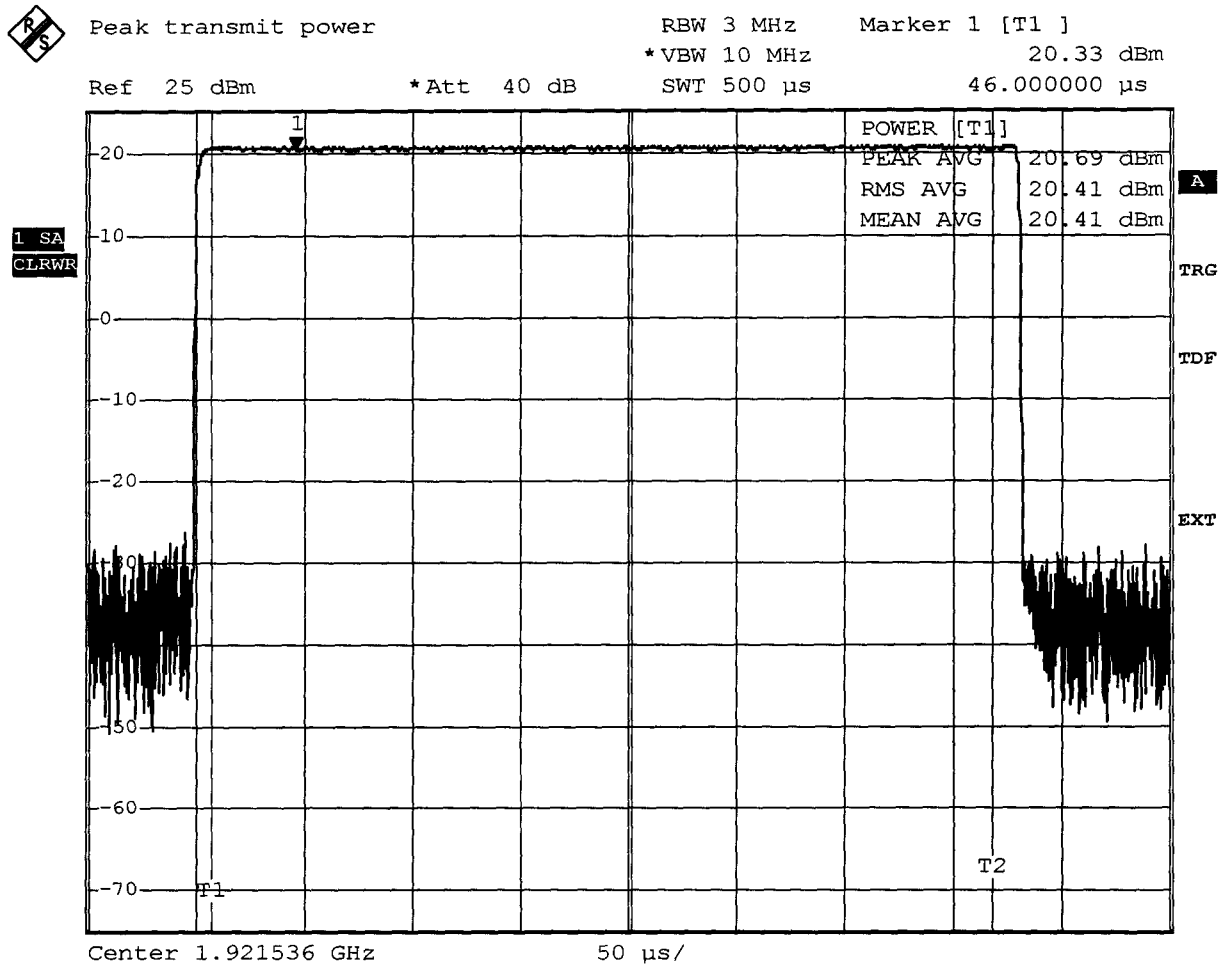
Appendix G

Peak Transmit Power

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N40-1G9
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



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

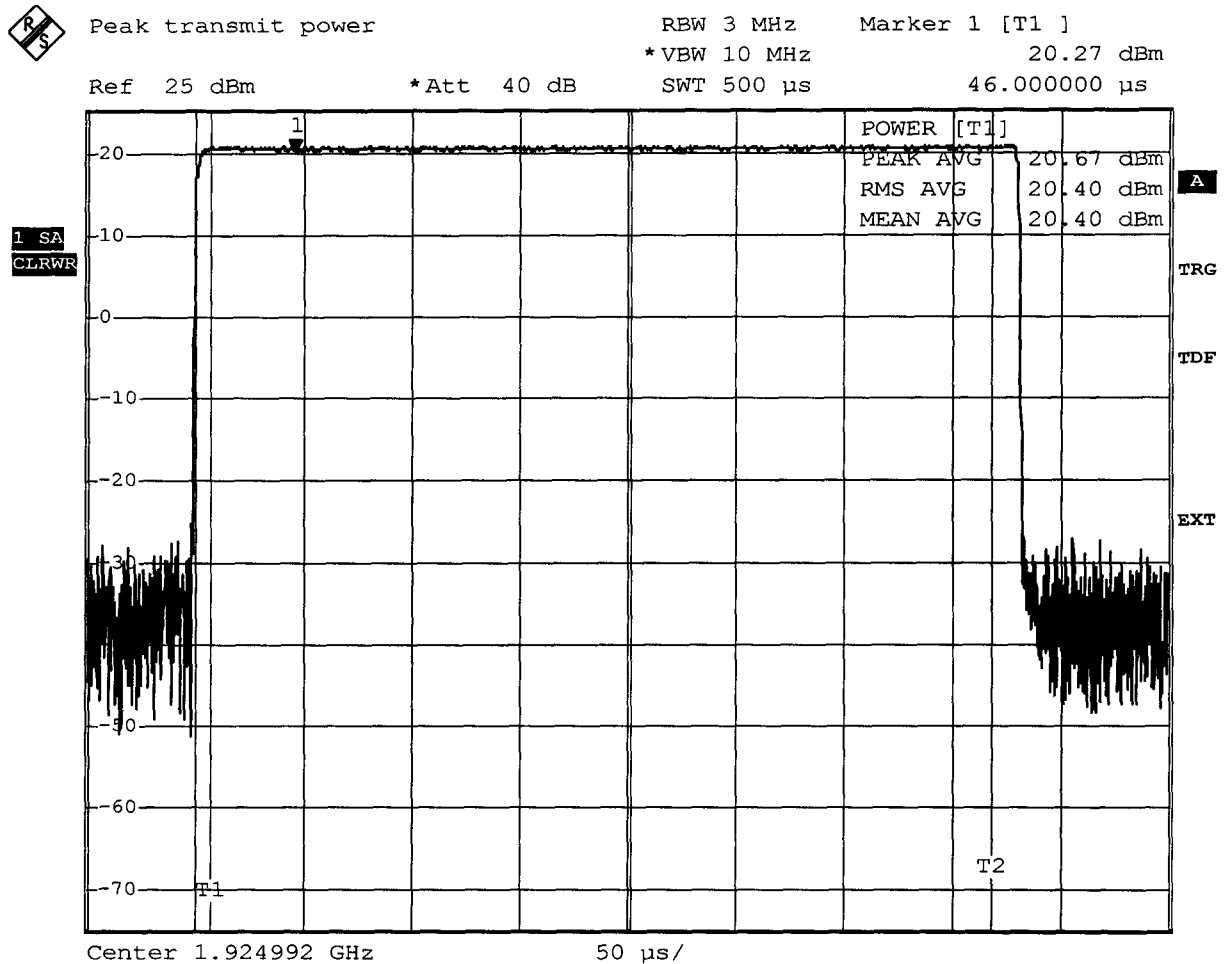
Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N40-1G9
 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



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

Measurement diagram

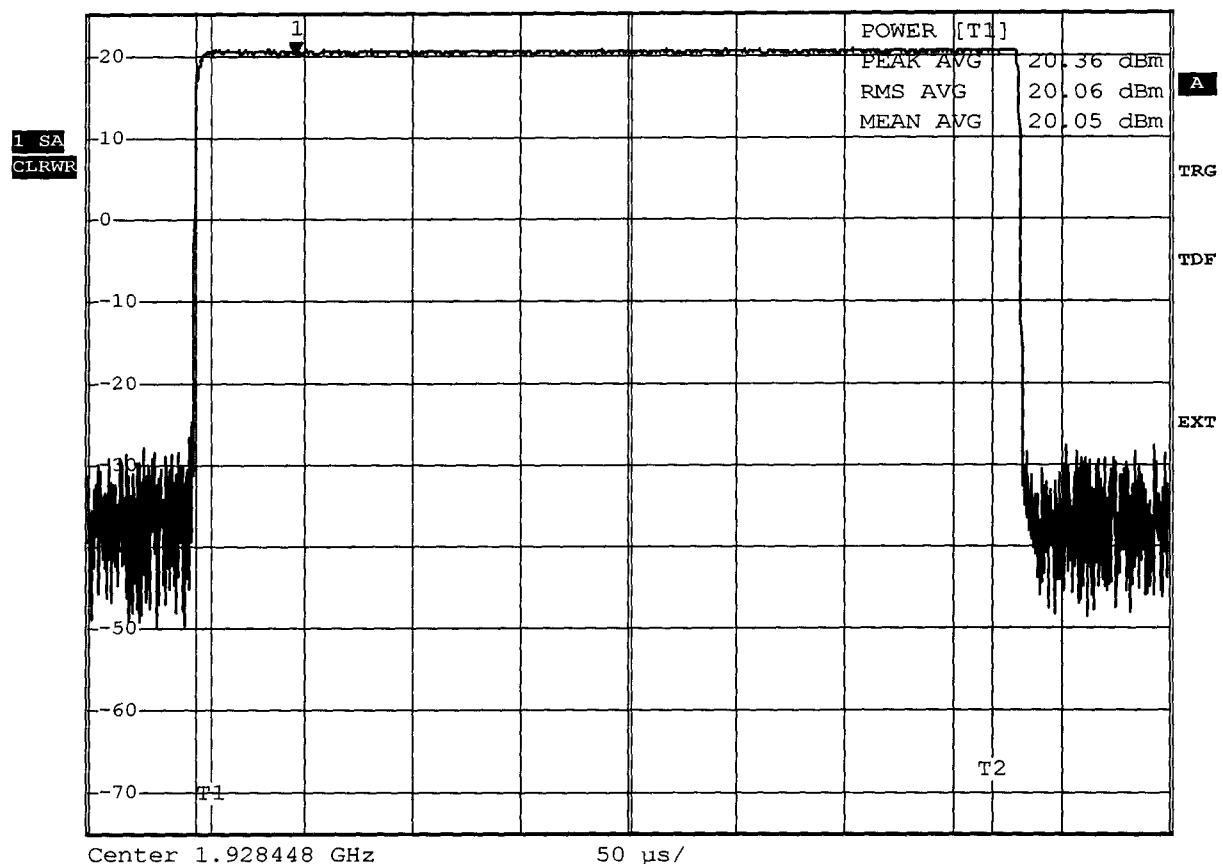
FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT KIRK UPCS (DECT based) Handset (PP)
 Model PP5N40-1G9
 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 46.000000 µs
 Ref 25 dBm *Att 40 dB SWT 500 µs



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

Measurement diagram



Appendix H

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) Handset (PP)
Model	PP5N40-1G9
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



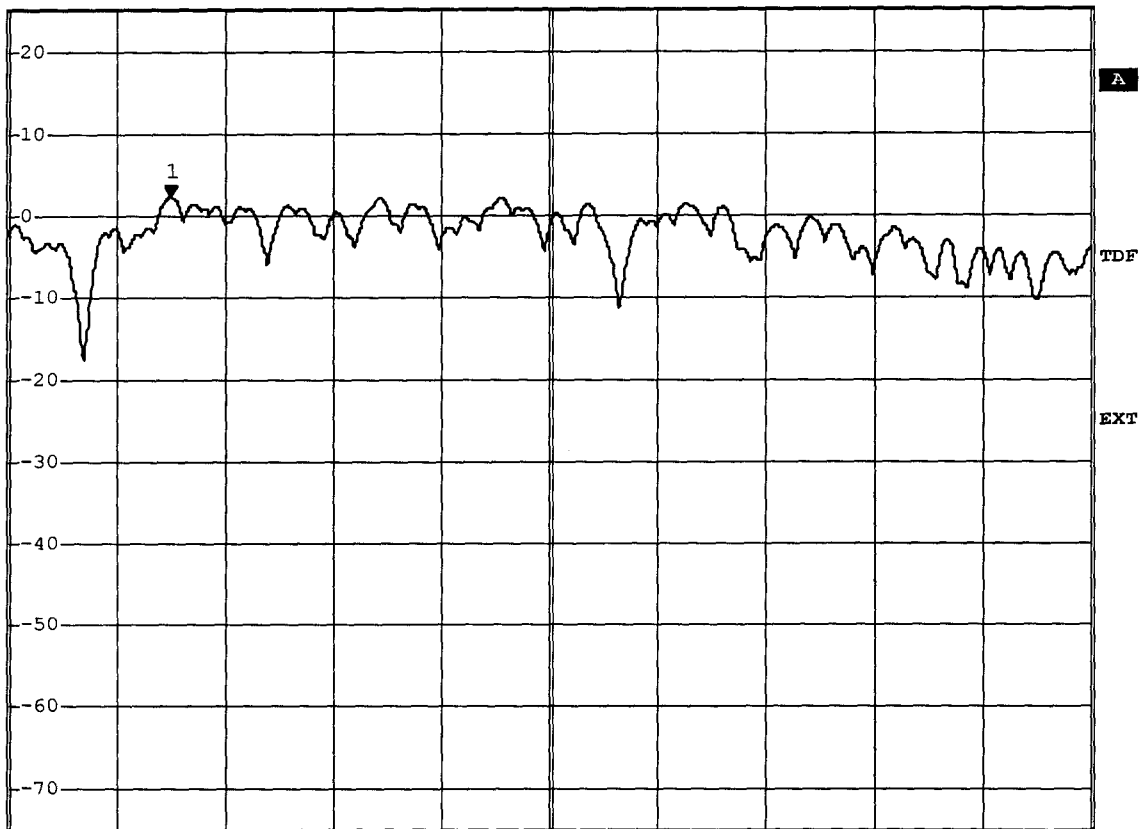
Power Spectral Densit

*RBW 3 kHz Marker 1 [T1]
 *VBW 3 kHz 2.20 dBm
 SWT 10 ms 1.921606354 GHz

Ref 25 dBm

*Att 40 dB

1 PK
MAXH



Center 1.921609854 GHz

1 kHz/

Span 10 kHz

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

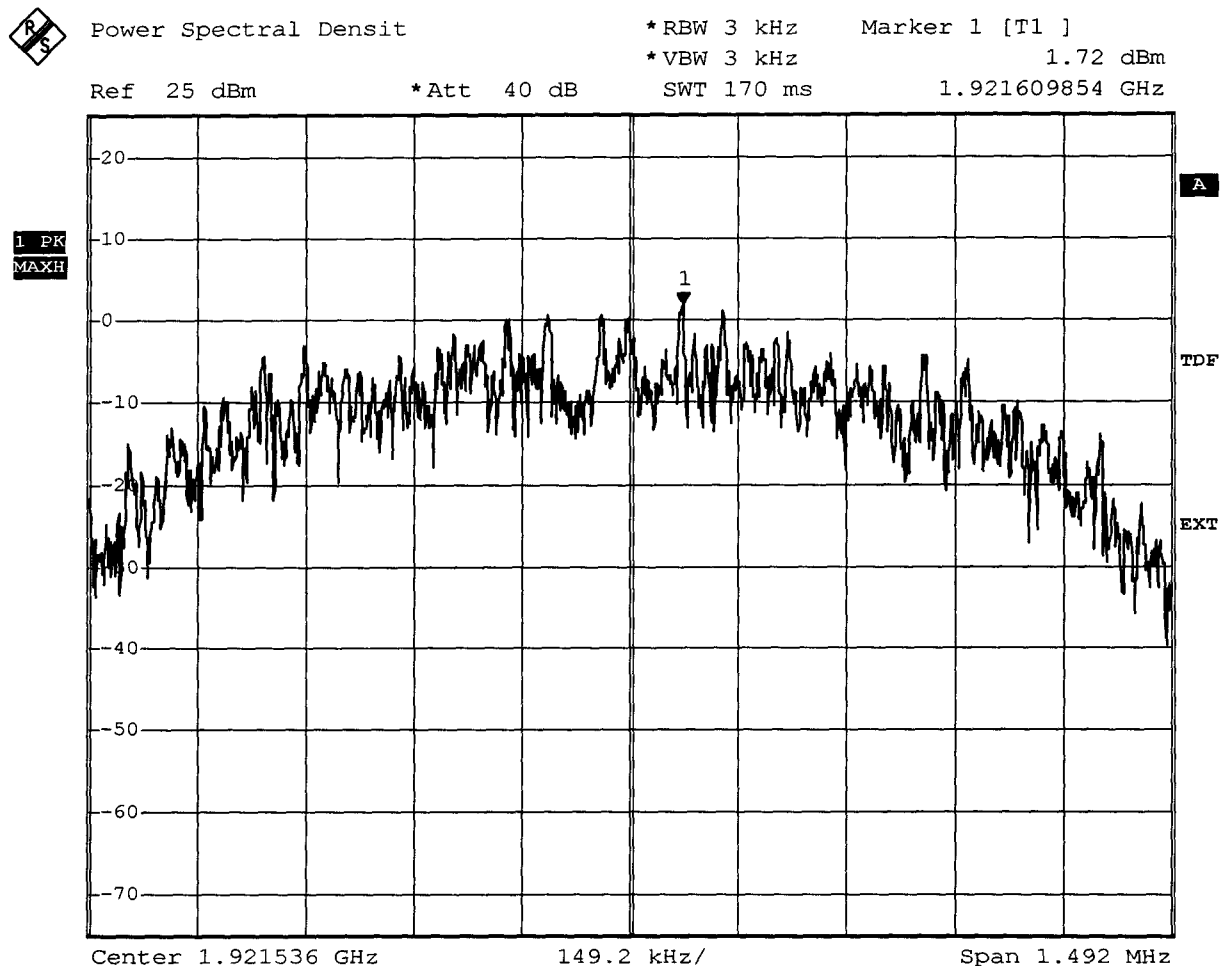
Measurement diagram

FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-1998 6.1.5 UPCS

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N40-1G9
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



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

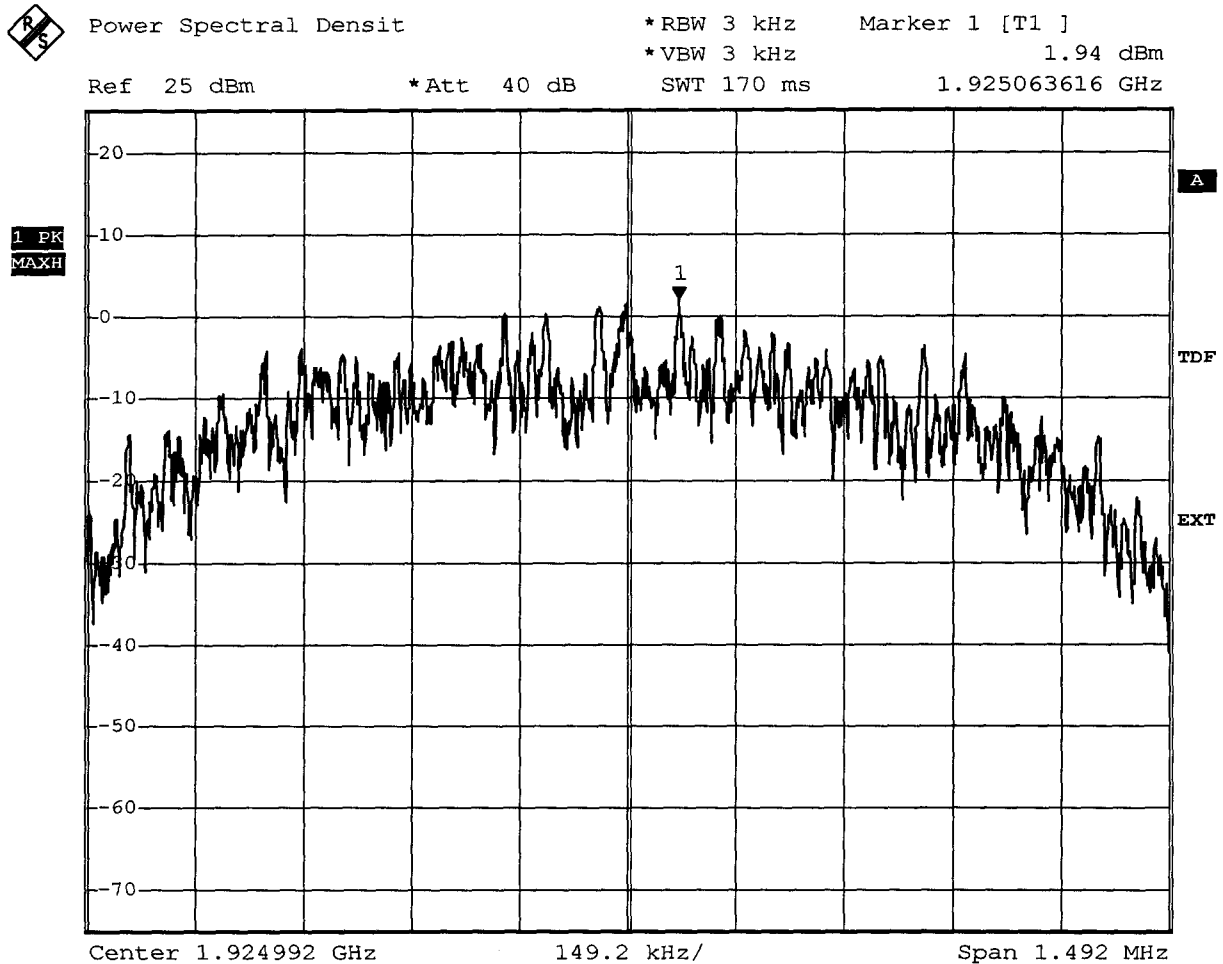
Measurement diagram

FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-1998 6.1.5 UPCS

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N40-1G9
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



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 ANSI 63.17-1998 6.1.5
UPCS**

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N40-1G9
Applicant	KIRK telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

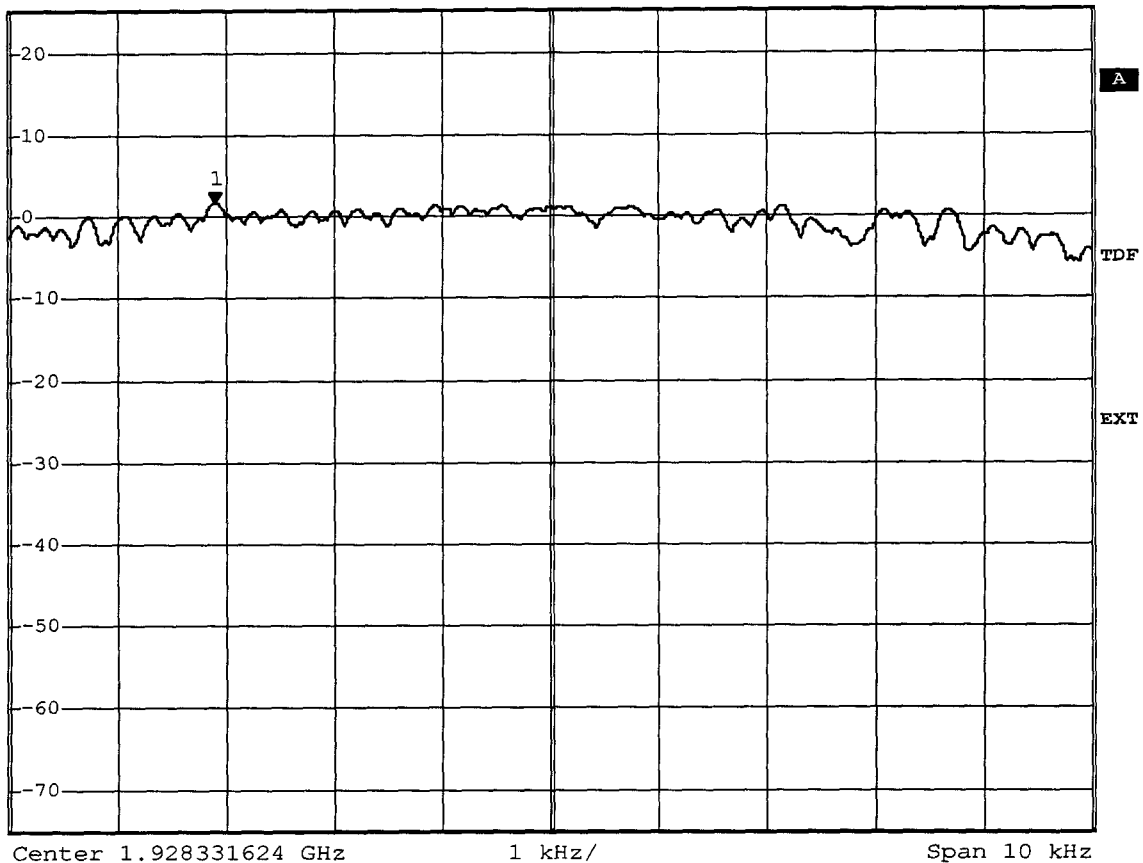
Measured Maximum	1.604 dBm
Value in mW	1.447mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Power Spectral Densit

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

1 PK
MAXH



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 ANSI 63.17-1998 6.1.5 UPCS

EUT	KIRK UPCS (DECT based) Handset (PP)
Model	PP5N40-1G9
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



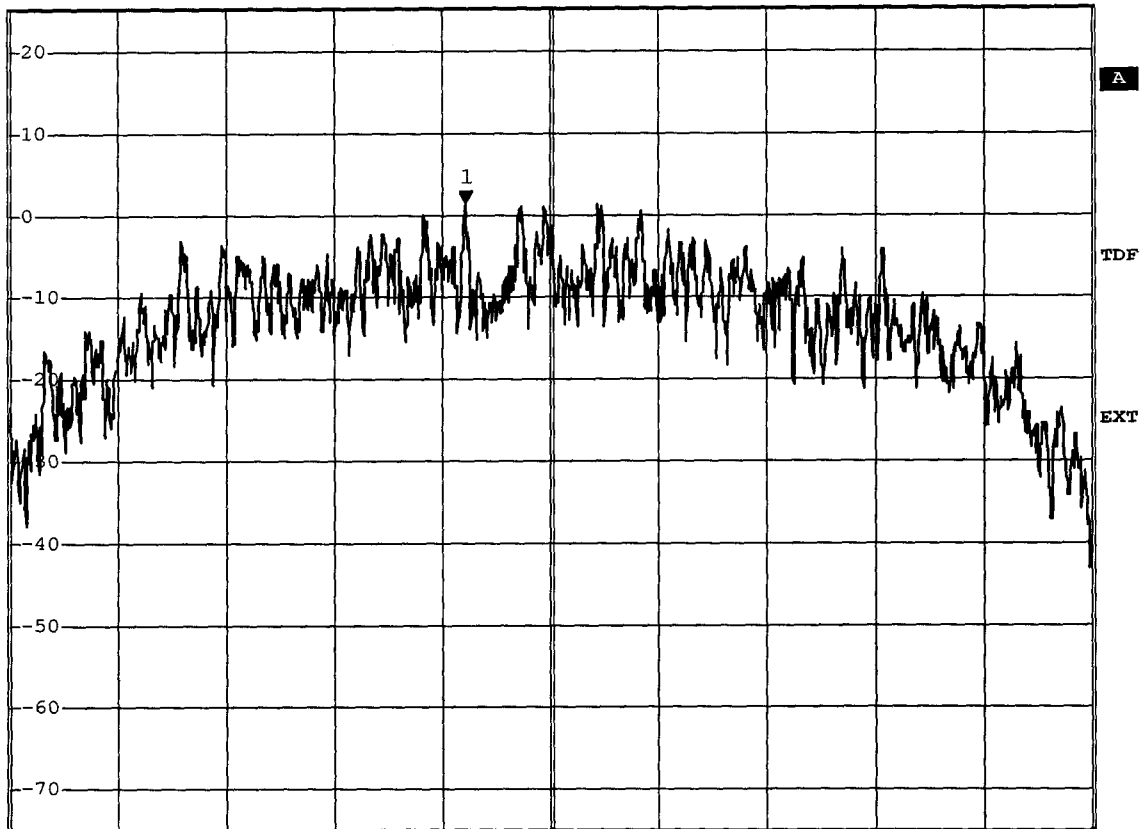
Power Spectral Densit

*RBW 3 kHz Marker 1 [T1]
 *VBW 3 kHz 1.55 dBm
 SWT 170 ms 1.928331624 GHz

Ref 25 dBm

*Att 40 dB

1 PK
MAXH



Center 1.928448 GHz

149.2 kHz/

Span 1.492 MHz

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

Measurement diagram



Appendix I

Directional gain of the antenna

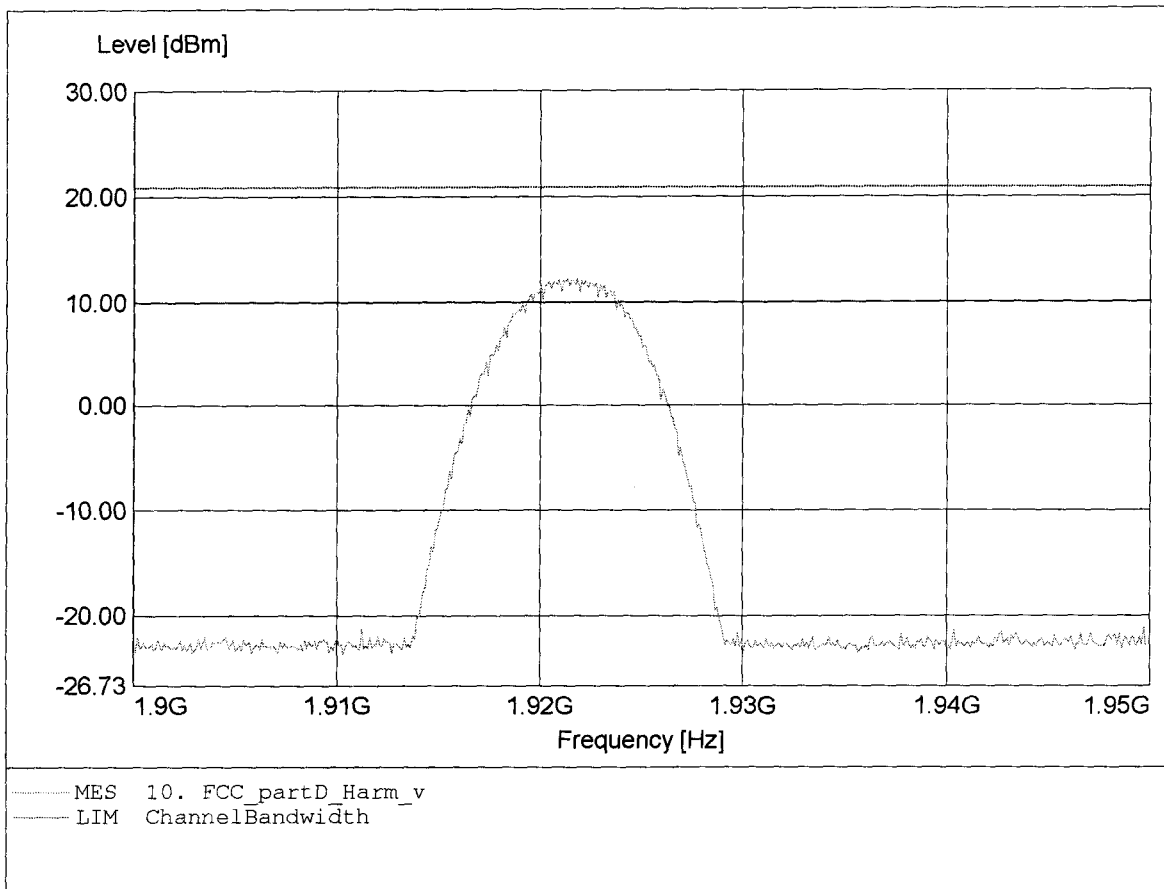


Appendix J

Radio frequency radiation exposure

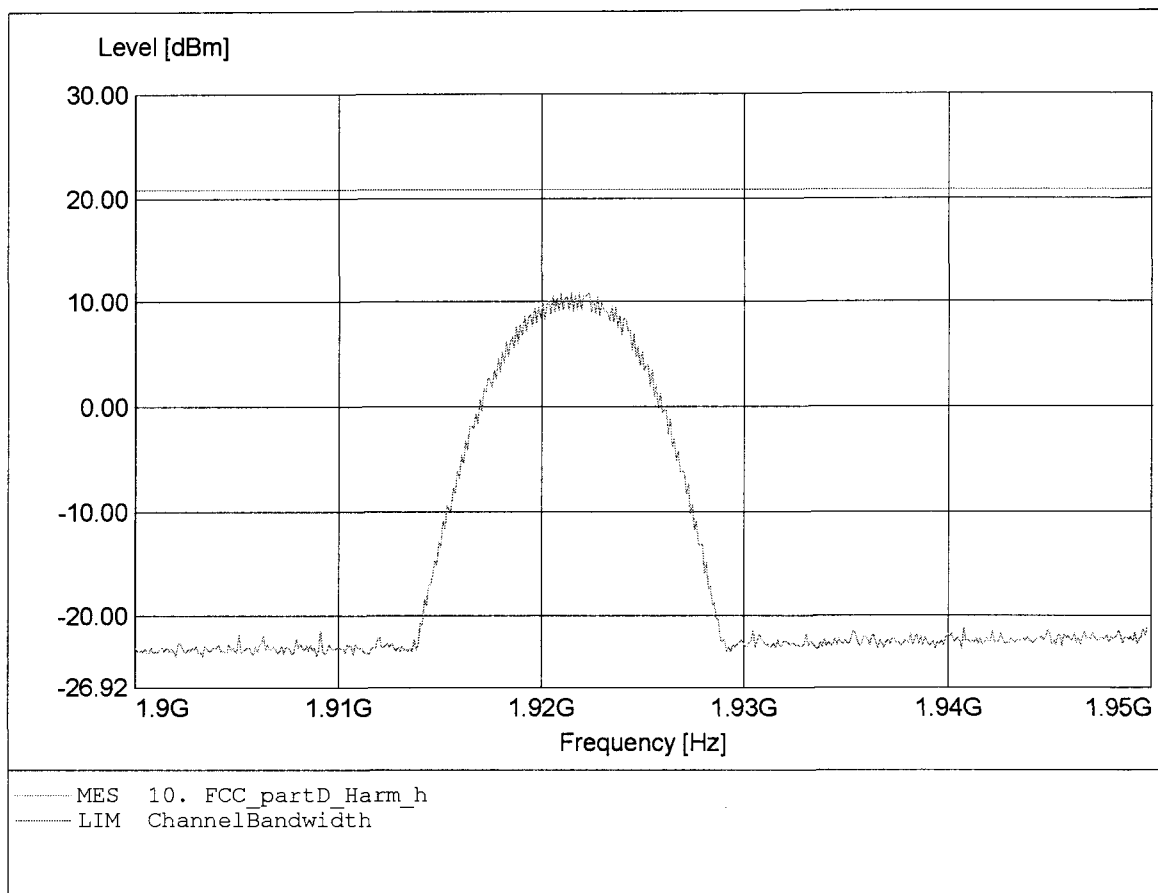
**Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4040) / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.921GHz Pmax:12.31dBm RBW: 5 MHz



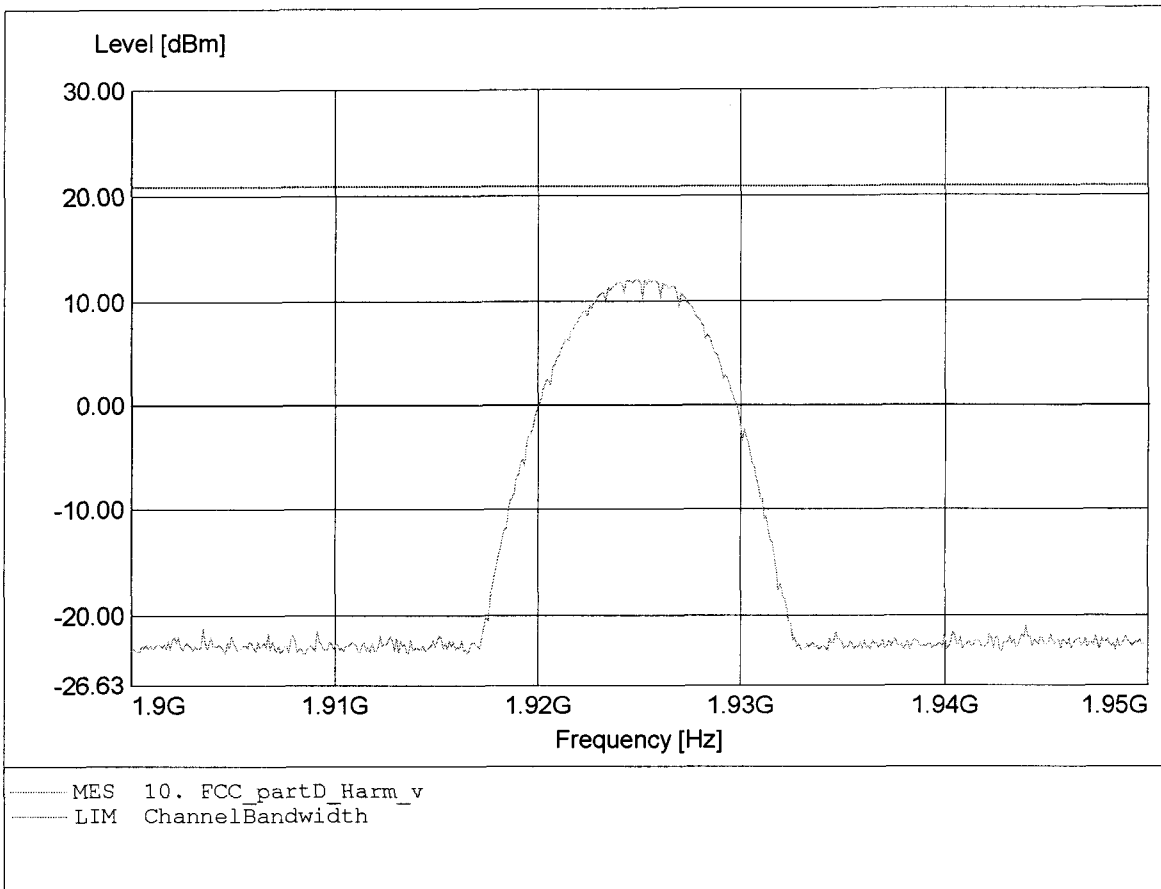
**Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4040) / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.922GHz Pmax:10.86dBm RBW: 5 MHz



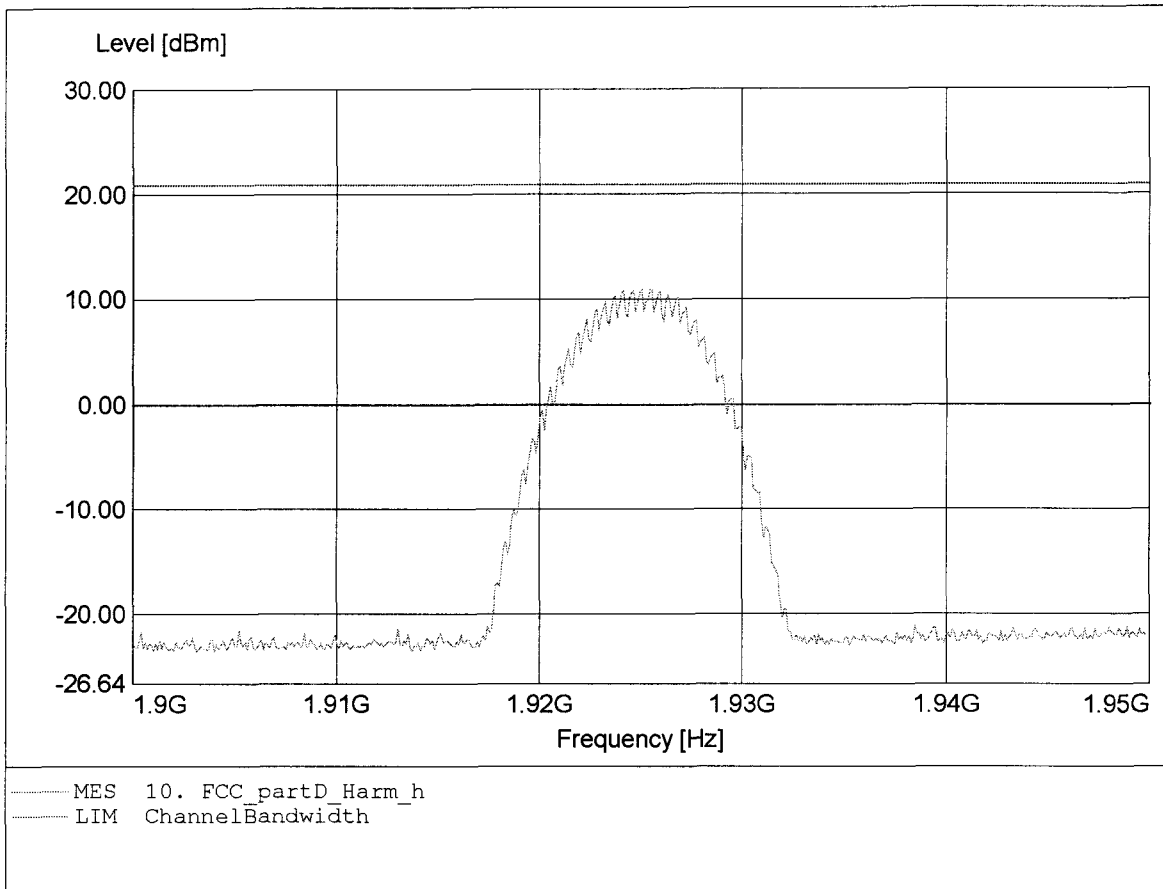
**Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4040) / Ch.: 2
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:12.08dBm RBW: 5 MHz



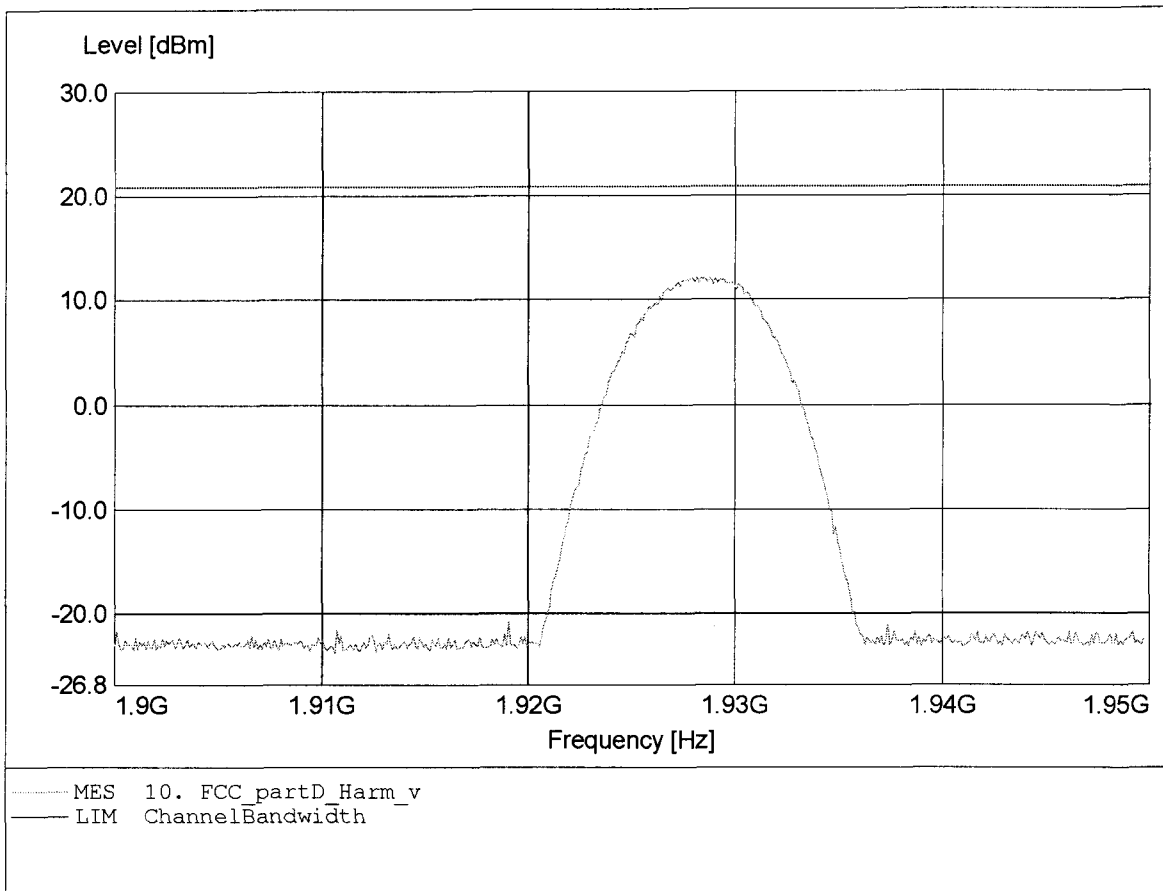
**Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4040) / Ch.: 2
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:10.93dBm RBW: 5 MHz



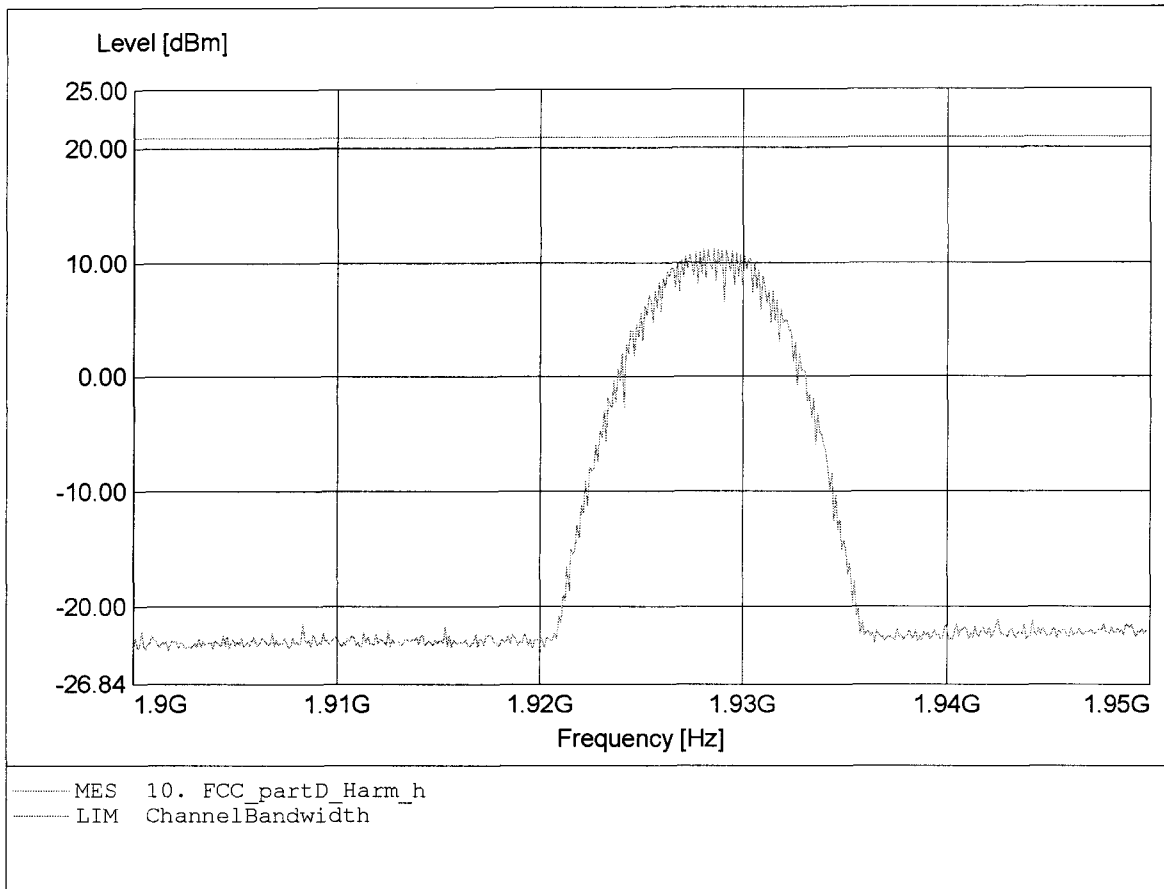
**Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4040) / Ch.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.929GHz Pmax:12.07dBm RBW: 5 MHz



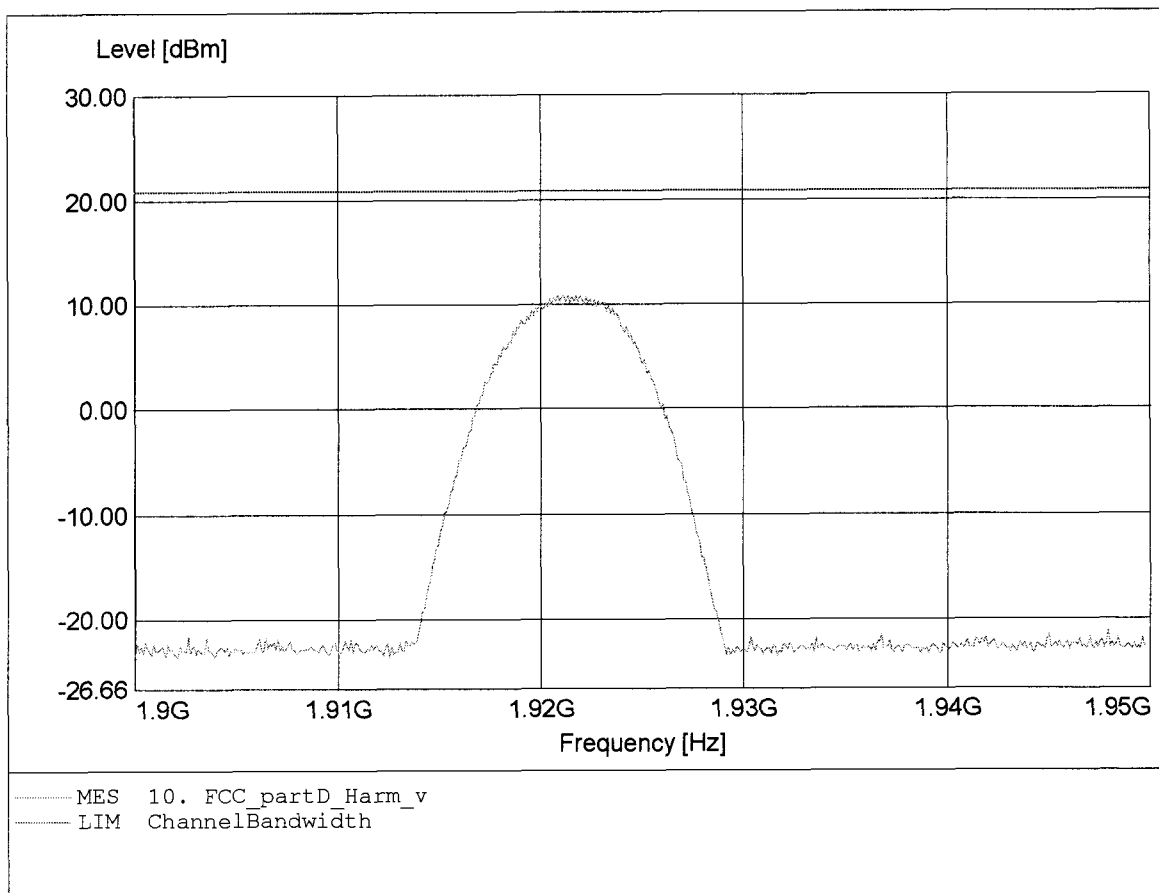
**Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4040) / Ch.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.929GHz Pmax:11.18dBm RBW: 5 MHz



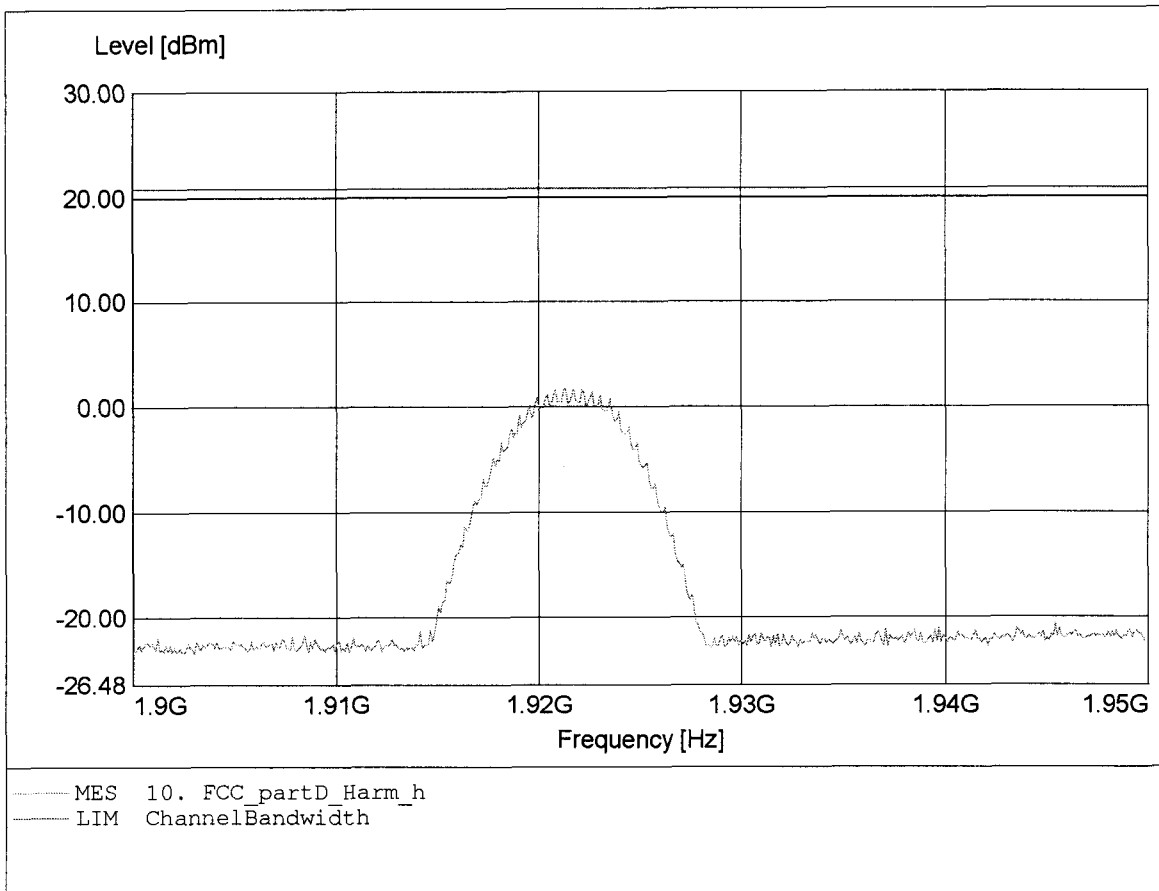
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4020) / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.921GHz Pmax:10.92dBm RBW: 5 MHz



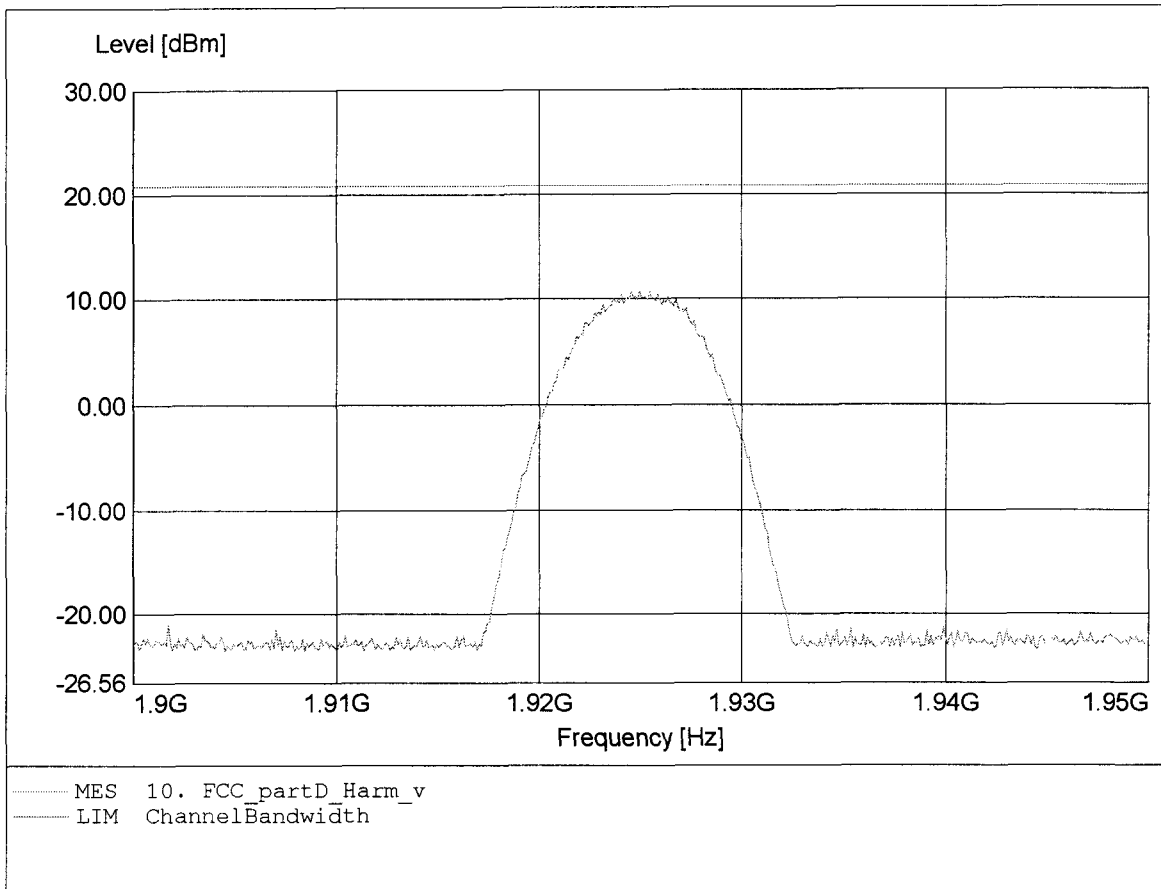
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4020) / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.922GHz Pmax:1.71dBm RBW: 5 MHz



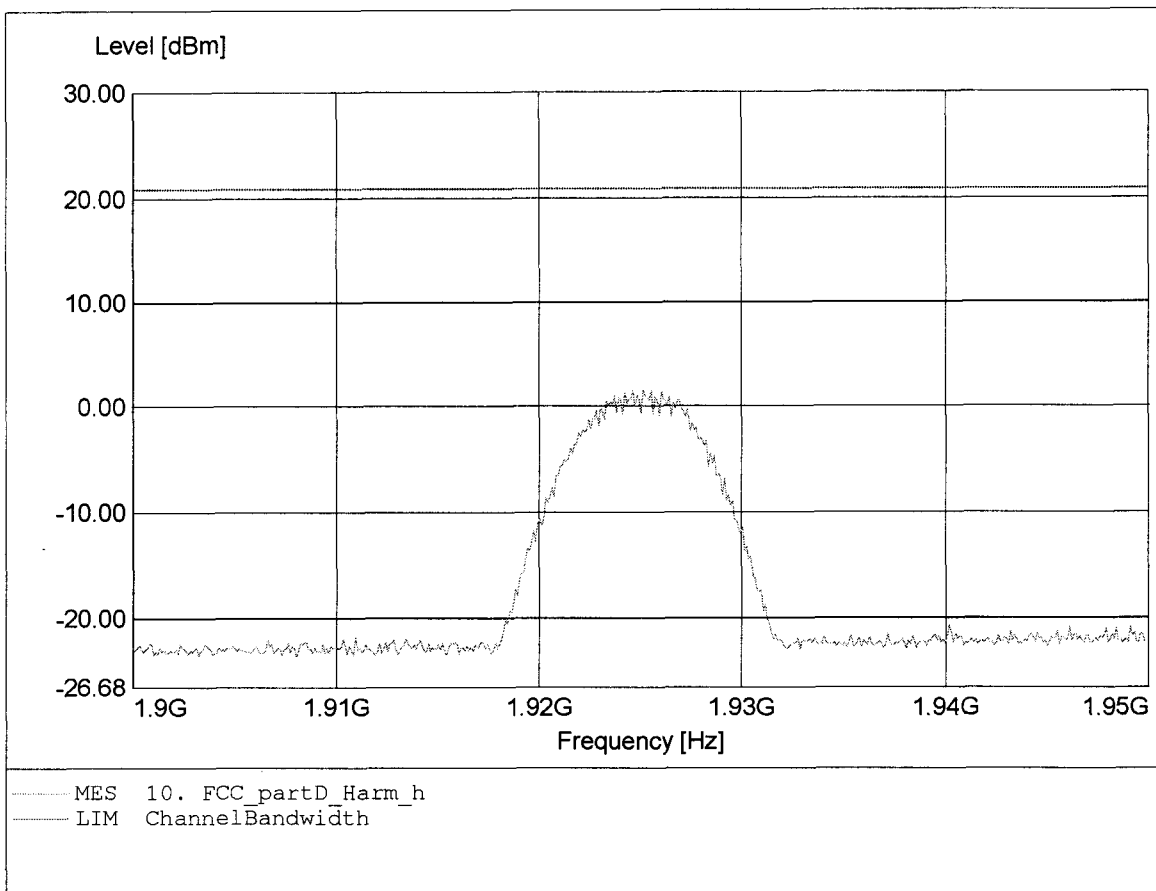
**Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4020) / Ch.: 2
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:10.71dBm RBW: 5 MHz



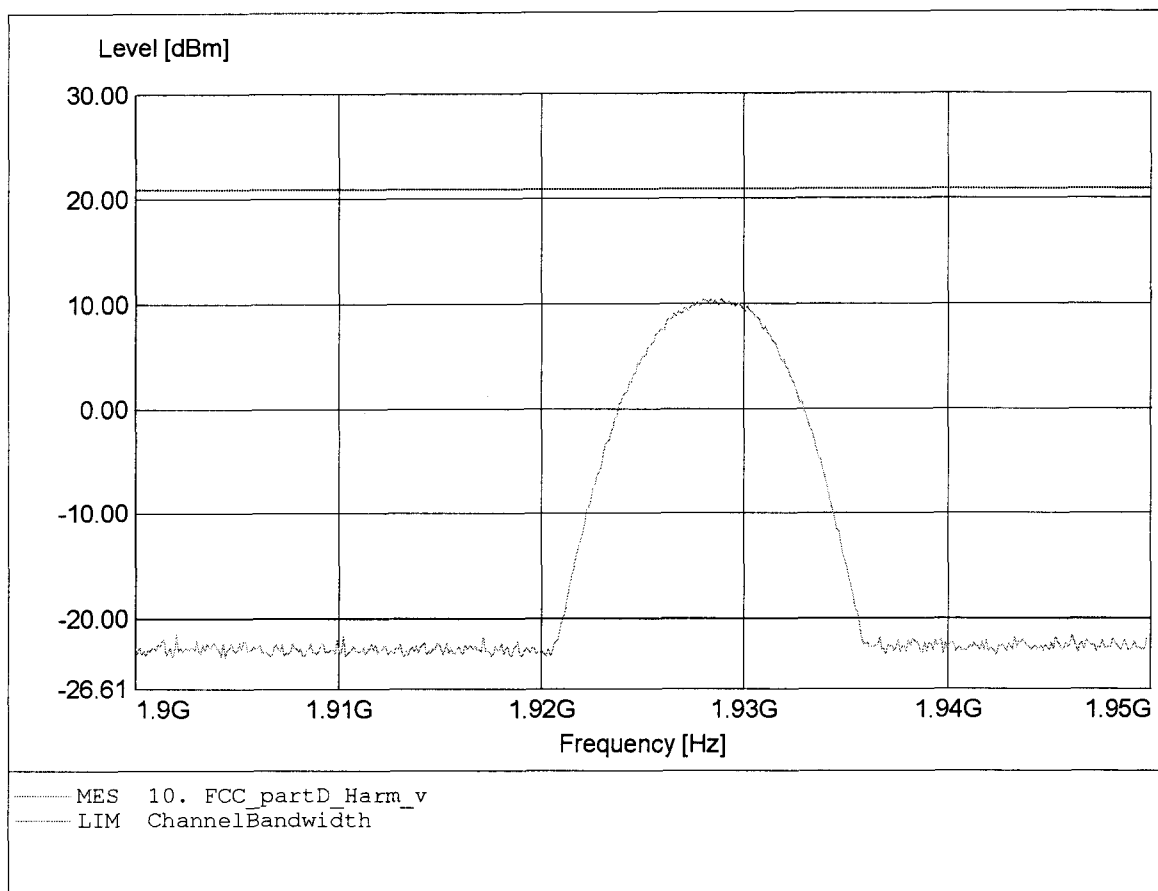
**Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4020) / Ch.: 2
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.926GHz Pmax:1.46dBm RBW: 5 MHz



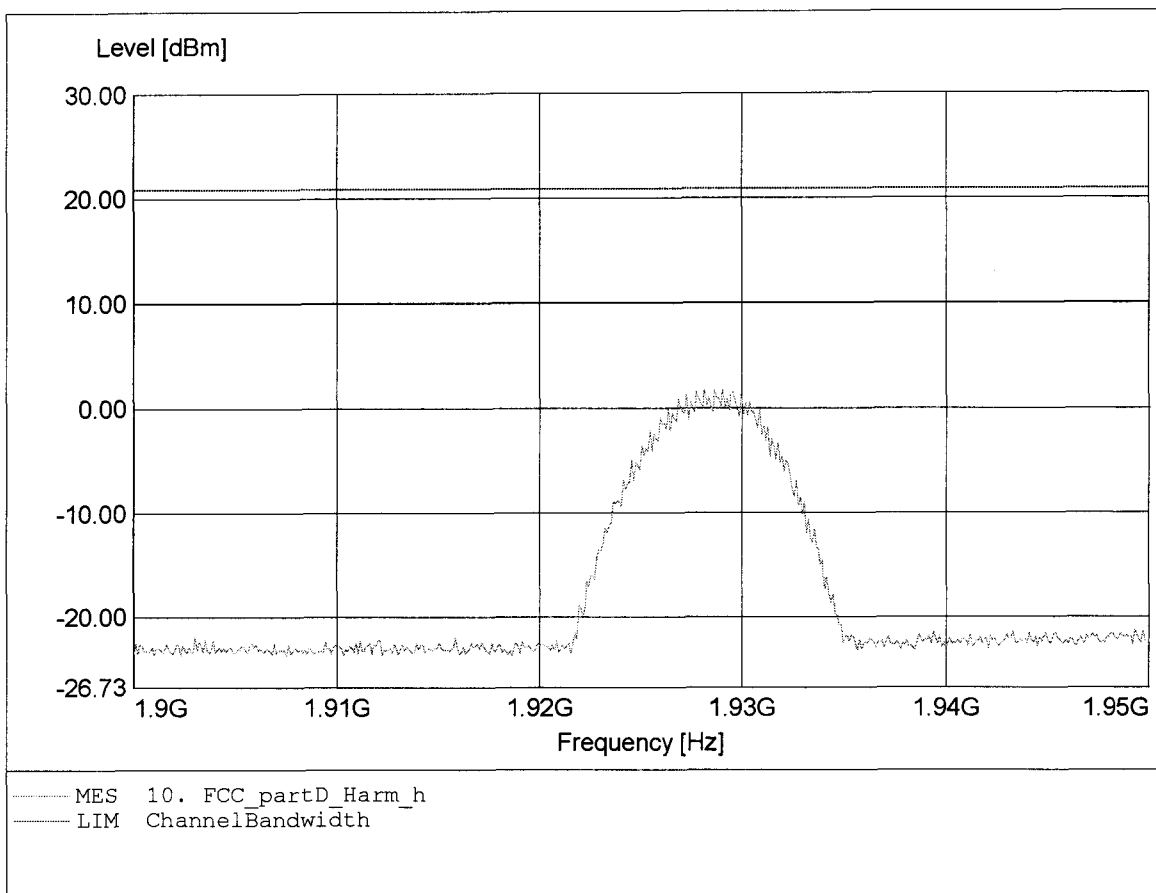
**Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4020) / Ch.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.929GHz Pmax:10.42dBm RBW: 5 MHz



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

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System (Portable Part)
Model: PP5N40-1G9 (4020) / Ch.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 3.60 VDC (rechargeable battery)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.928GHz Pmax:1.75dBm RBW: 5 MHz





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 / PP5N40-1G9

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 / PP5N40-1G9

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 / PP5N40-1G9
 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_7.3.1.1.3_upper_theshold

Date 13.07.2005 08:28:59

Reference to the EUT

G0M20505-9484 / PP5N40-1G9

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	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	
00:01:27.8906250	-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 ANSI_7.5_reaction_time_low_ch_35us
 Date 14.07.2005 07:37:00
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 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 ANSI_7.5_reaction_time_low_ch_50us
 Date 14.07.2005 07:29:28
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 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 ANSI_7.5_reaction_time_low_ch_75us_symb0
 Date 14.07.2005 07:48:35
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 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	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	
00:05:10.3593750	-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

Test case ANSI_7.5_reaction_time_low_ch_symb180
 Date 14.07.2005 07:54:23
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 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	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	
00:11:26.2812500	-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 ANSI_7.5_reaction_time_low_ch_symb360
 Date 14.07.2005 07:58:55
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 Comment: 7.5_low_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	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	
00:16:06.9843750	-82,1 -91	-49,7 -75,3	-80,6 -90,7	-81,8 -90,8	-81,9 -90,6	
00:16:13.3437500	-40,8 -54,9	-49,3 -55,2	-55 -55,4	-55,2 -55,5	-55,4 -55,8	Interferers on
00:18:38.8750000	-40,7 -55	-46,6 -55,1	-55 -55,4	-55,2 -55,6	-55,4 -55,8	
00:18:40.5781250	-40,7 -55	-48,8 -55,1	-55 -55,4	-55,1 -55,6	-55,4 -55,8	No connection

Log file

Test case ANSI_7.5_reaction_time_mid_ch_35us
 Date 14.07.2005 08:24:51
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 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 ANSI_7.5_reaction_time_low_ch_50us
 Date 14.07.2005 07:29:28
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 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 ANSI_7.5_reaction_time_mid_ch_75us_symb0
 Date 14.07.2005 08:32:52
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 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	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	
00:50:46.5468750	-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 ANSI_7.5_reaction_time_mid_ch_75us_symb180
 Date 14.07.2005 08:37:12
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 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 ANSI_7.5_reaction_time_mid_ch_75us_symb360
 Date 14.07.2005 08:47:38
 Reference to the EUT G0M20505-9484 / PP5N40-1G9
 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	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	
01:00:54.4531250	-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

