

Appendix B

Coordination with fixed microwave service

UTAM, Inc.

Affidavit of Participation

FCC Section 15.307(b) Affidavit

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

Uniden

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 29th day of March, 2006



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

Affidavit #: UNDN032906

Appendix C

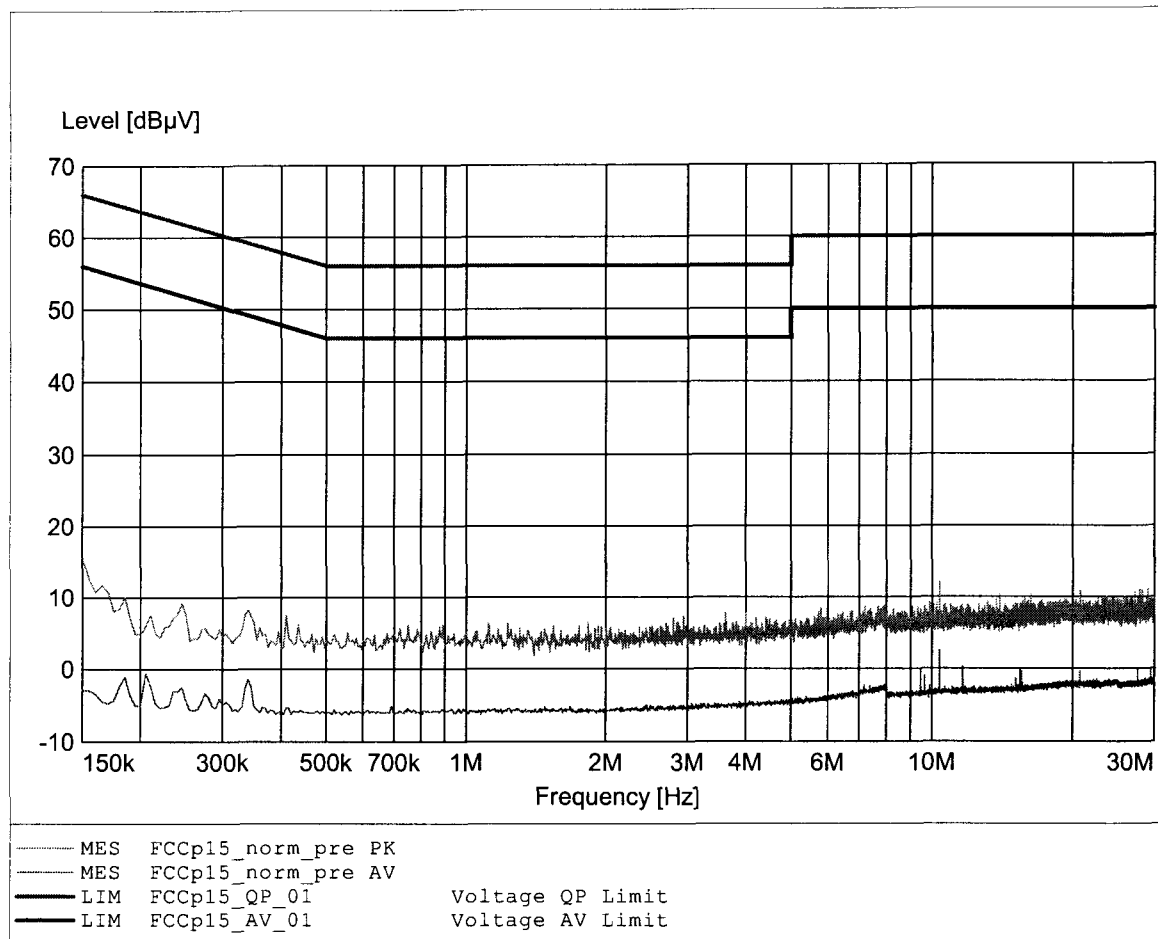
Reference to Subpart B

Appendix D

Conducted limits AC Power line

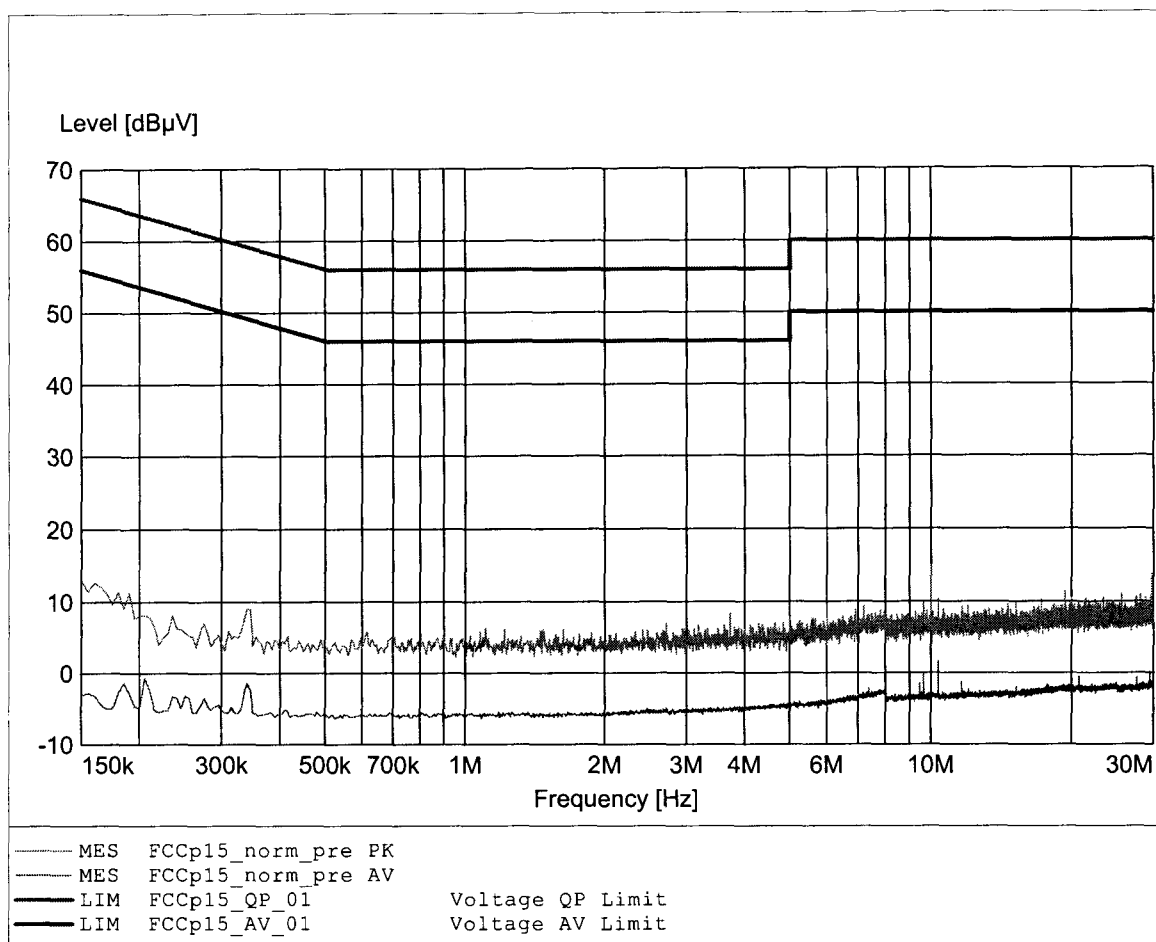
EMI voltage test in the ac-mains according to FCC part 15

EUT: DECT 6.0, CID TAD BASE UNIT
Manufacturer: Uniden America Corporation
Operating Condition: Unom: 120 V AC (AC/DC adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: DECT 1080 (XX) / AMWUC503 TAD mode: charging
Adaptor: U060040D



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

EUT: DECT 6.0, CID TAD BASE UNIT
Manufacturer: Uniden America Corporation
Operating Condition: Unom: 120 V AC (AC/DC adaptor), Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: DECT 1080 (XX) / AMWUC503 TAD mode: charging
Adaptor: U060040D



Appendix E

Emission bandwidth

FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3

UPCS

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth

Measured Bandwidth	Emission Bandwidth = 1.44MHz
Max. Permitted Power	Limit = 2.5 MHz

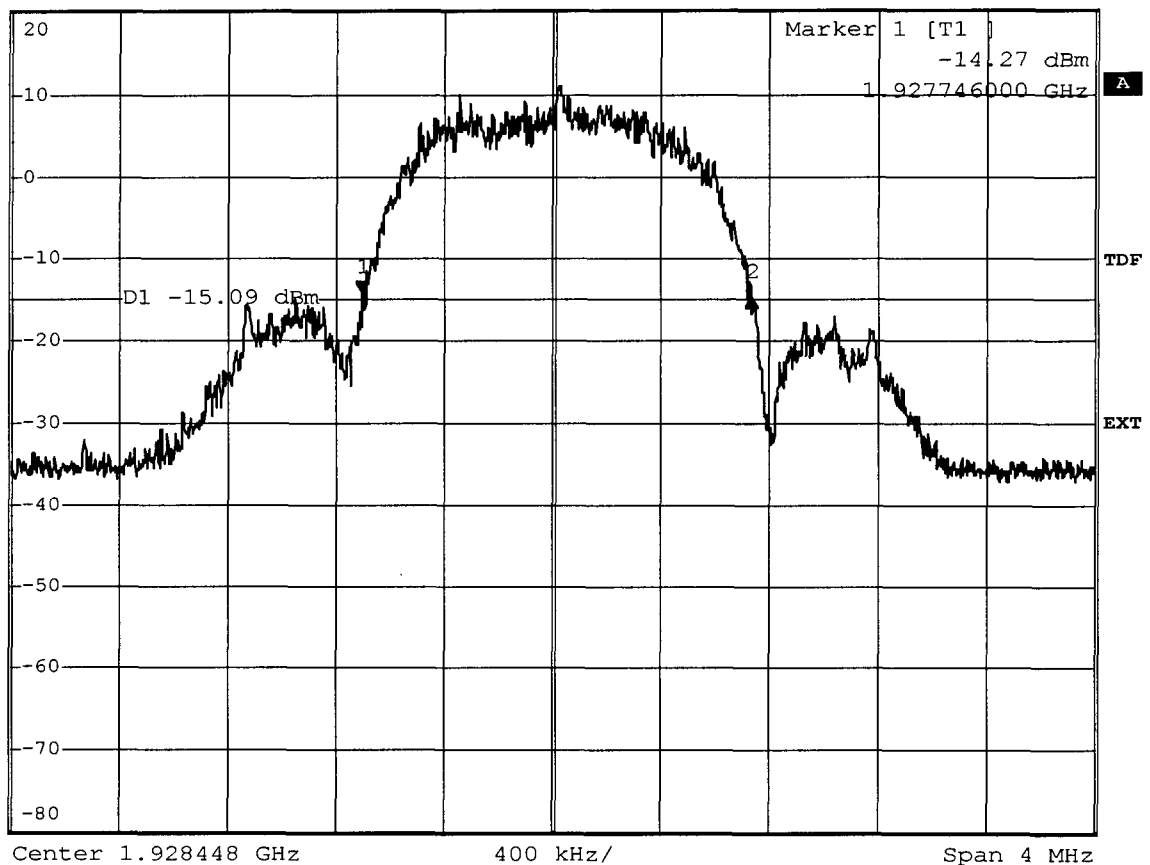
Test result	Verdict = PASS
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Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]
 *VBW 30 kHz -0.54 dB
 Ref 20 dBm *Att 50 dB SWT 40 ms 1.440000000 MHz

1 PK
MAXH



Comment: Ansi C63.17-1998 6.1.3
 Date: 18.APR.2006 09:51:44

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 : 1927.956MHz
Higher frequency : 1928.94MHz

-12 dB points

Lower frequency : 1927.874MHz
Higher frequency : 1929.054MHz

FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3

UPCS

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth

Measured Bandwidth	Emission Bandwidth = 1.452MHz
Max. Permitted Power	Limit = 2.5 MHz

Test result	Verdict = PASS
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Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]

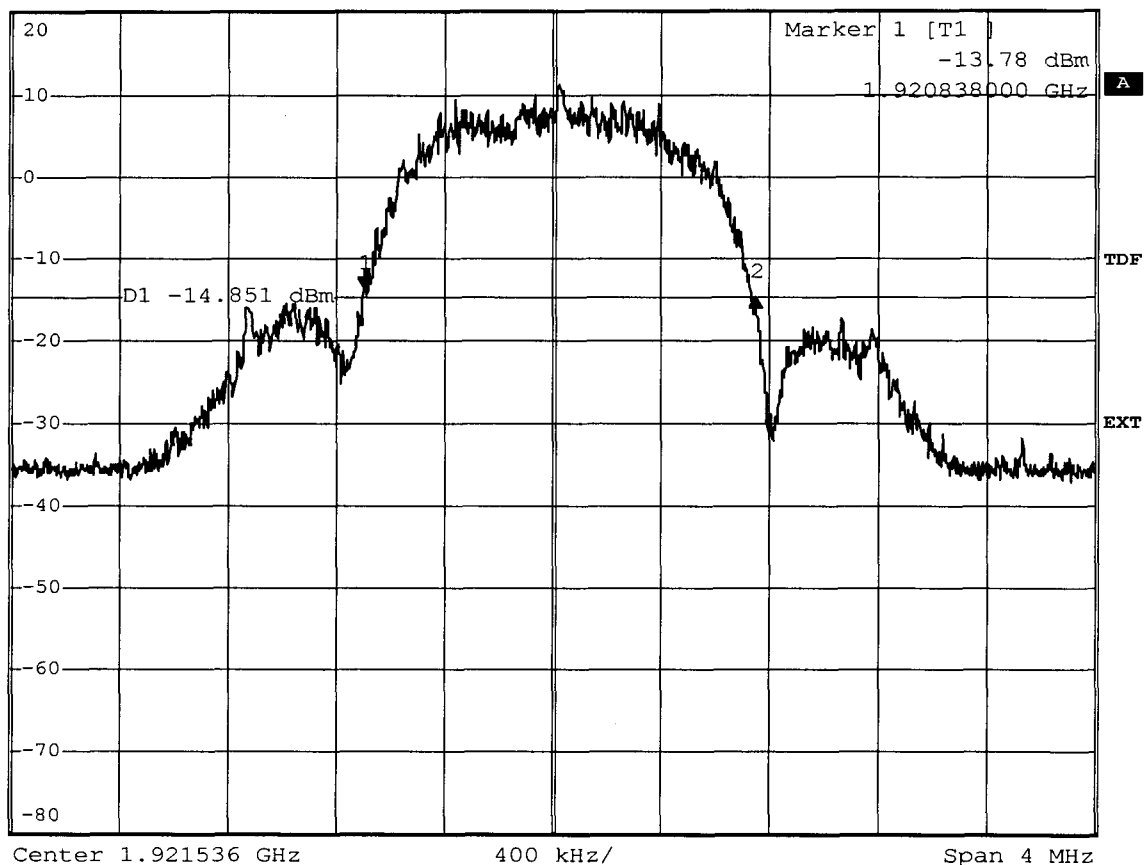
*VBW 30 kHz -0.92 dB

Ref 20 dBm

*Att 50 dB

SWT 40 ms

1.452000000 MHz

 1 PK
MAXH


Comment: Ansi C63.17-1998 6.1.3

Date: 18.APR.2006 09:44:48

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 : 1921.948MHz

-12 dB points

Lower frequency : 1920.966MHz
Higher frequency : 1922.15MHz

Measurement diagram

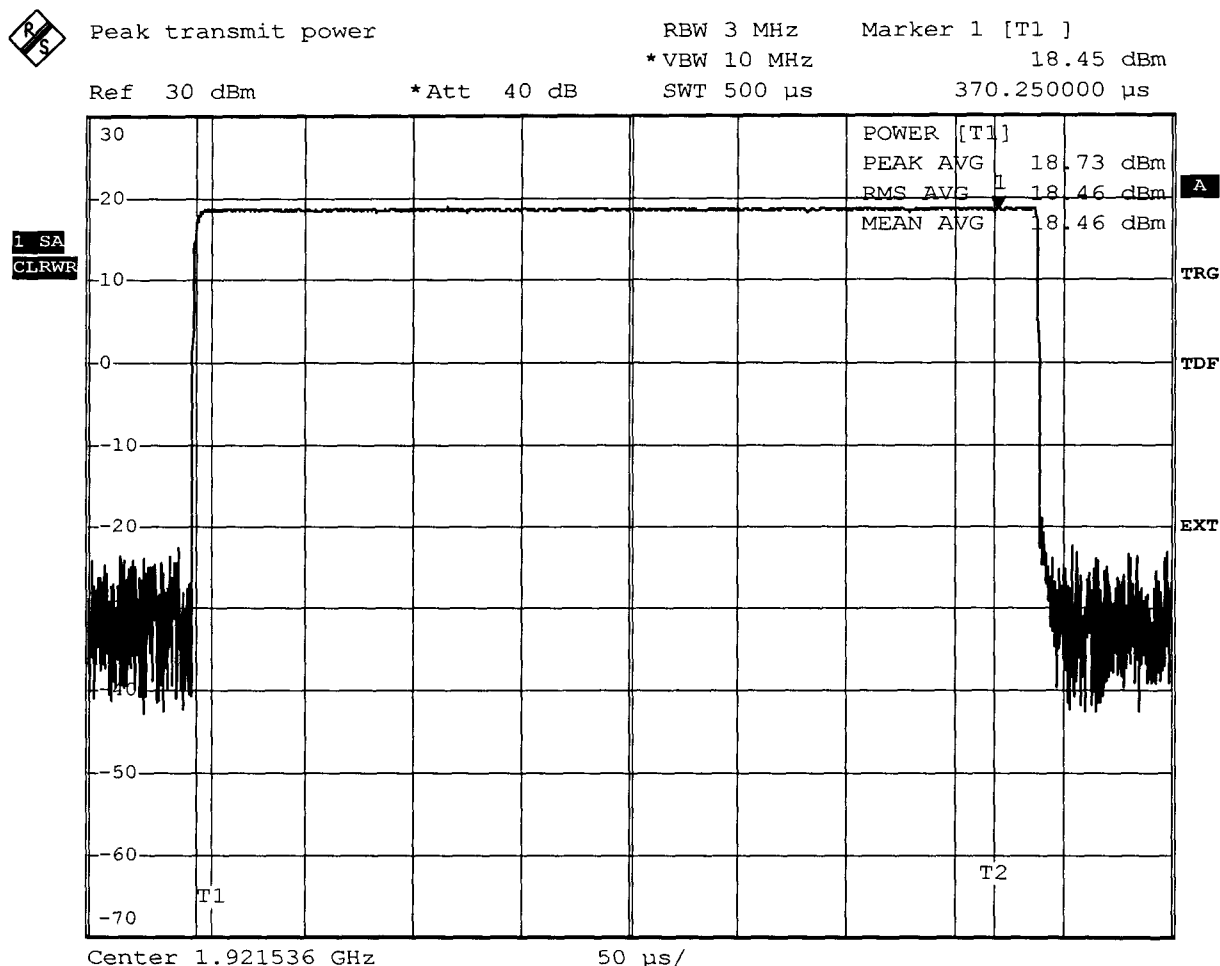
Appendix F

Peak Transmit Power

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Vnom
Measured Bandwidth	1.452MHz
Max. Permitted Power	20,8 dBm
Measured Power	18,73 dBm
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.2
Date: 18.APR.2006 10:06:57

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2

UPCS

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Vnom
Measured Bandwidth	1.452MHz
Max. Permitted Power	20,8 dBm
Measured Power	18,72 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

18.51 dBm

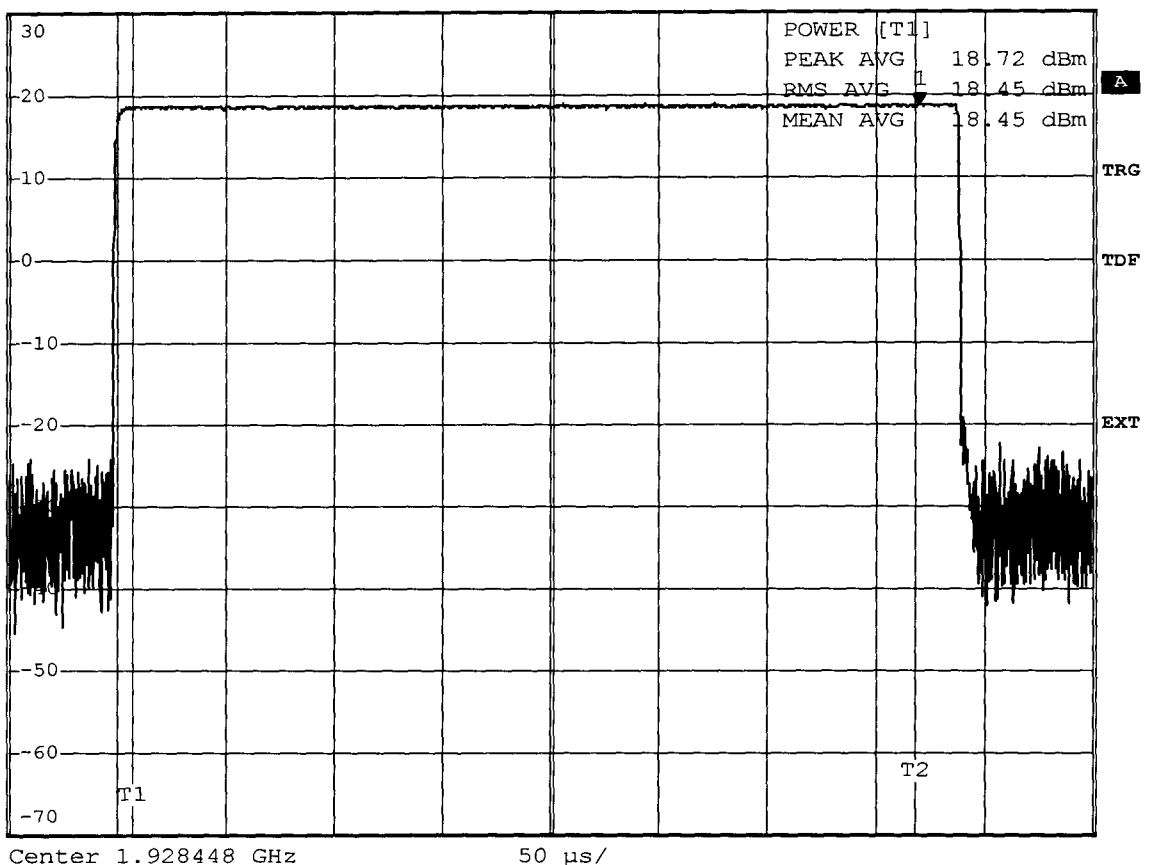
Ref 30 dBm

*Att 40 dB

SWT 500 µs

370.250000 µs

1 SA
CLRWR



Comment: Ansi C63.17-1998 6.1.2

Date: 18.APR.2006 09:57:59

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Vmax
Measured Bandwidth	1.452MHz
Max. Permitted Power	20,8 dBm
Measured Power	18,74 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

18.57 dBm

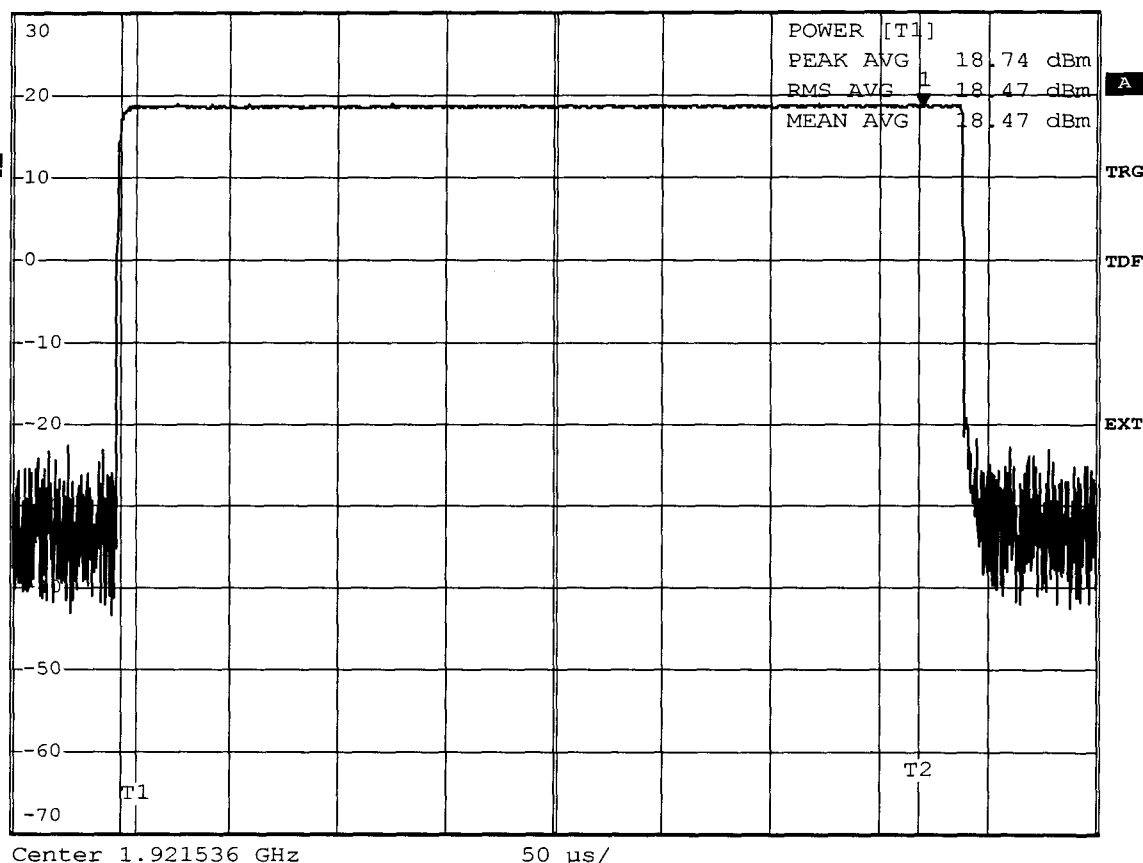
Ref 30 dBm

*Att 40 dB

SWT 500 µs

370.250000 µs

1 SA
CLRWR



Comment: Ansi C63.17-1998 6.1.2

Date: 18.APR.2006 10:05:59

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Vmax
Measured Bandwidth	1.452MHz
Max. Permitted Power	20,8 dBm
Measured Power	18,66 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

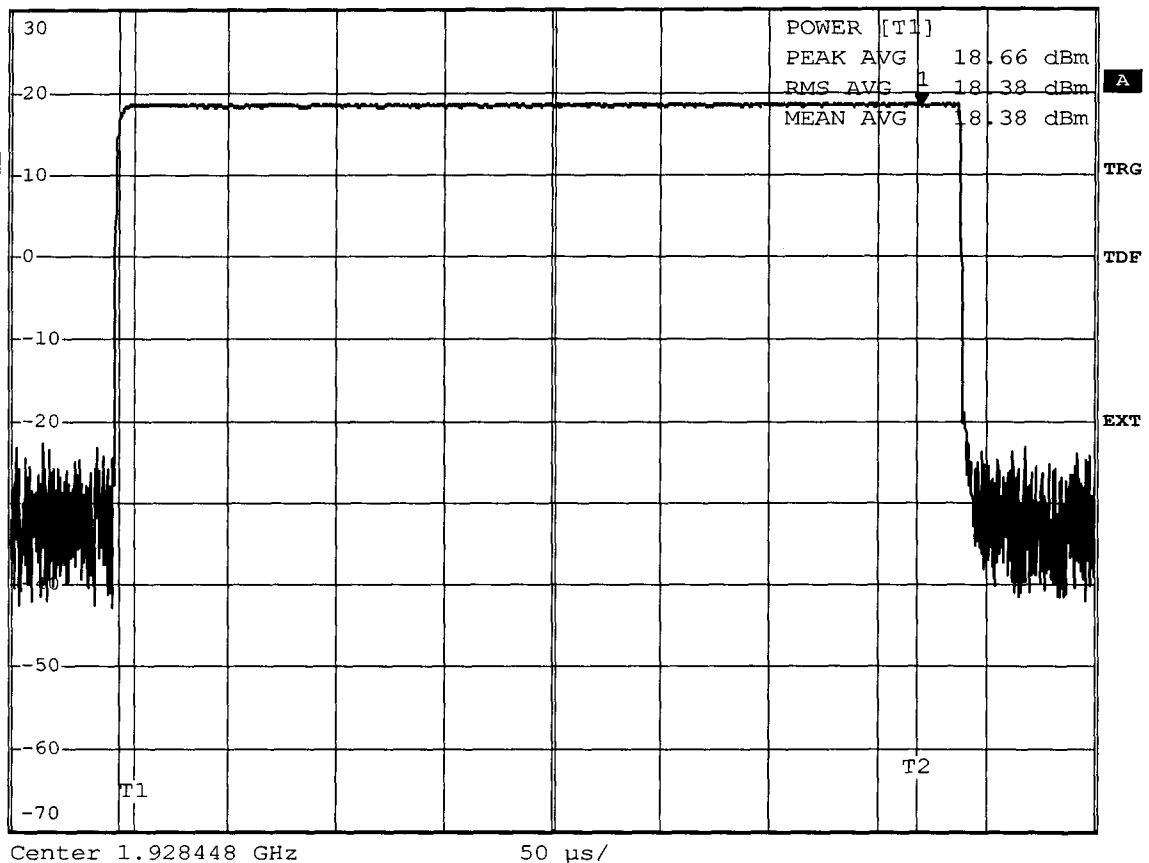
18.24 dBm

Ref 30 dBm

*Att 40 dB

SWT 500 µs

370.250000 µs

1 SA
CLRWR

Comment: Ansi C63.17-1998 6.1.2

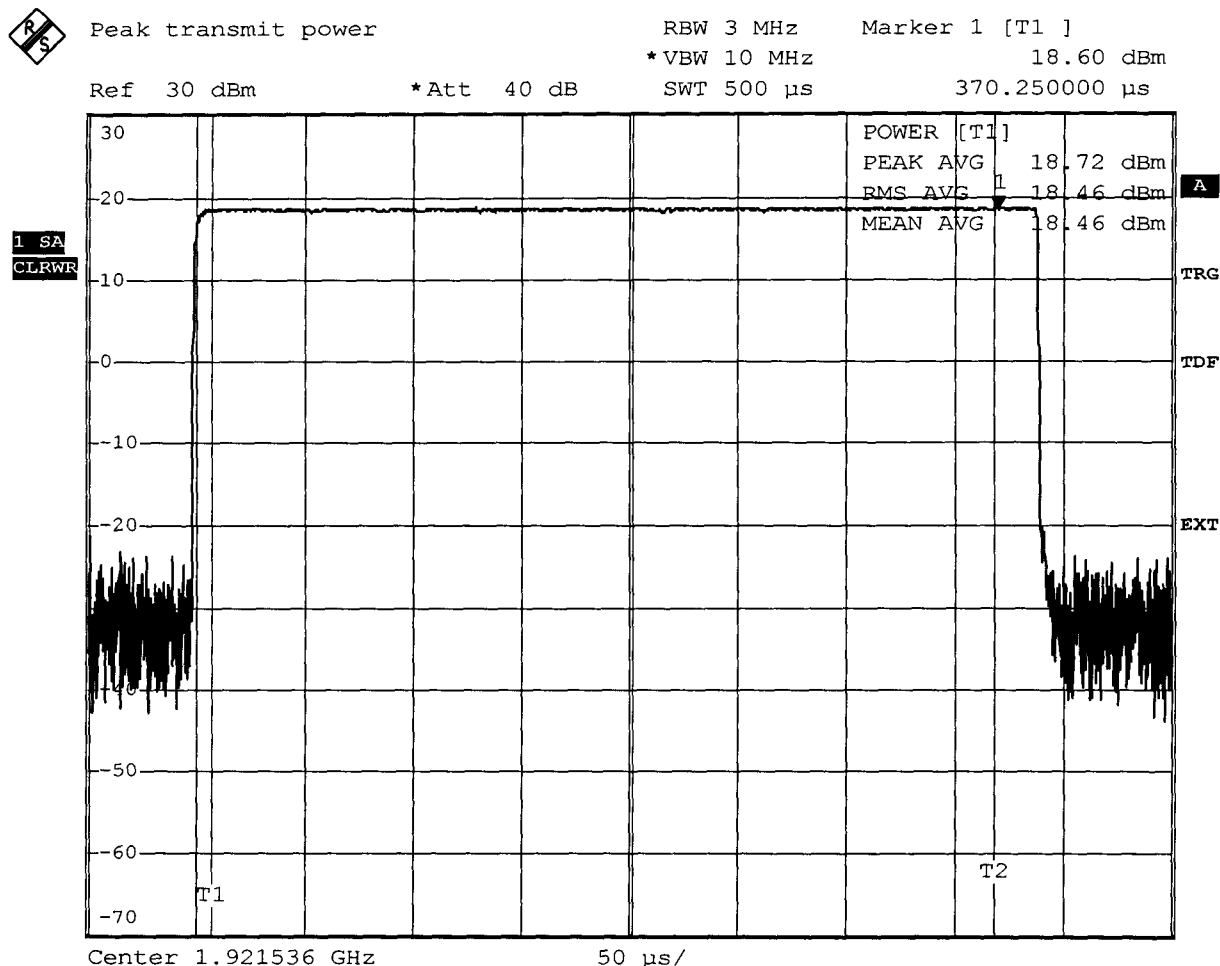
Date: 18.APR.2006 10:03:40

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Vmin
Measured Bandwidth	1.452MHz
Max. Permitted Power	20,8 dBm
Measured Power	18,72 dBm
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.2
Date: 18.APR.2006 10:08:04

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Vmin
Measured Bandwidth	1.452MHz
Max. Permitted Power	20,8 dBm
Measured Power	18,67 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

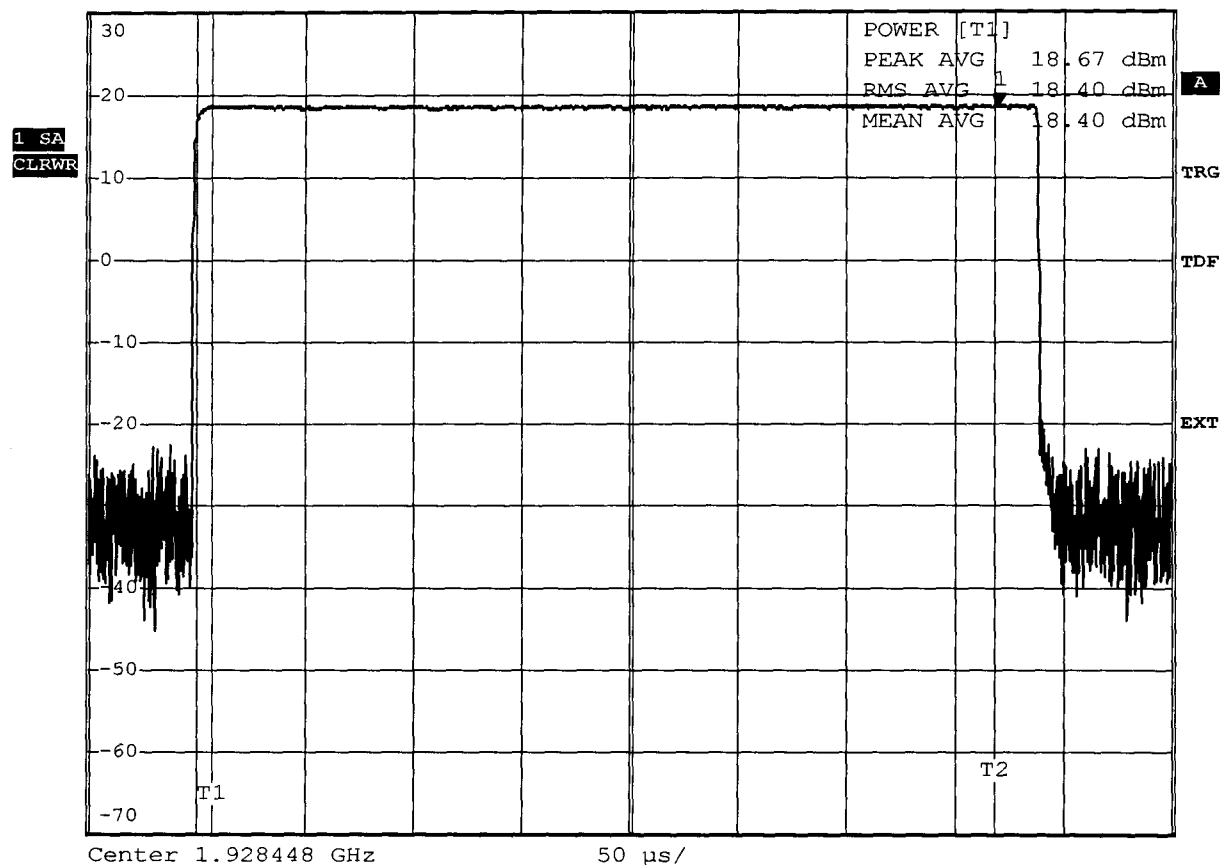
18.51 dBm

Ref 30 dBm

*Att 40 dB

SWT 500 µs

370.250000 µs



Comment: Ansi C63.17-1998 6.1.2

Date: 18.APR.2006 10:01:28

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	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum	-10.701 dBm
Value in mW	0.085mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Power Spectral Densit

RBW 3 kHz

Marker 1 [T1]

*VBW 3 kHz

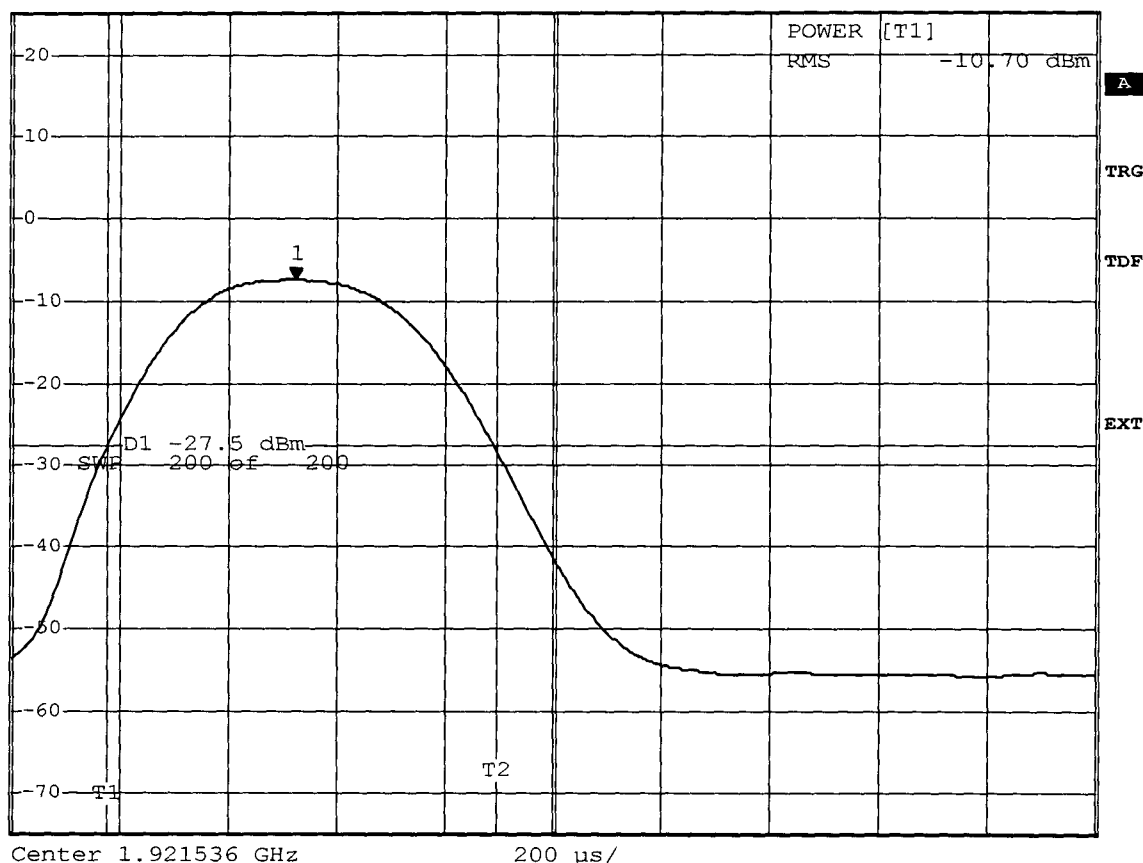
-7.51 dBm

Ref 25 dBm

*Att 40 dB

SWT 2 ms

274.000000 µs

1 SA
VIEW

Comment: Ansi C63.17-1998 6.1.5

Date: 18.APR.2006 10:18:18

Measurement diagram

FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-1998 6.1.5

UPCS

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum	-11.062 dBm
Value in mW	0.078mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Power Spectral Densit

RBW 3 kHz

Marker 1 [T1]

*VBW 3 kHz

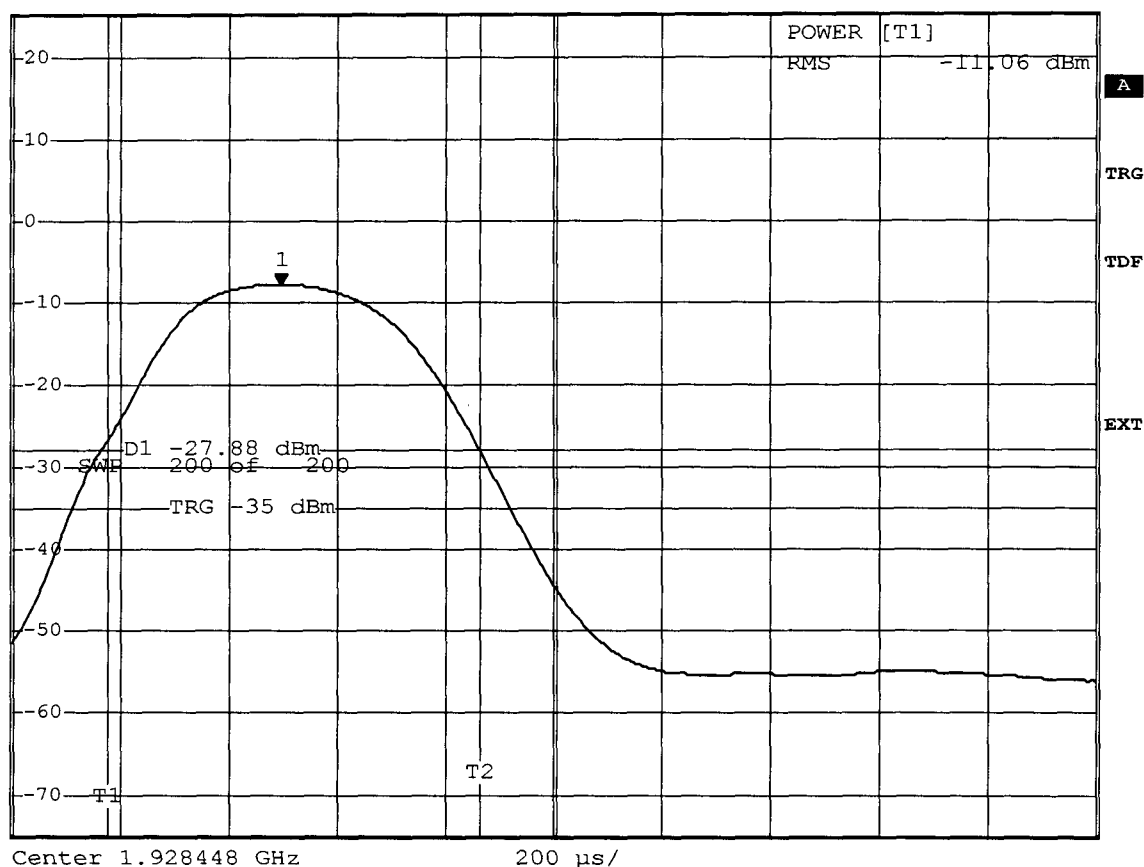
-7.88 dBm

Ref 25 dBm

*Att 40 dB

SWT 2 ms

246.000000 µs

1 SA
VIEW

Comment: Ansi C63.17-1998 6.1.5

Date: 18.APR.2006 10:23:21

Measurement diagram

Appendix H

Directional gain of the antenna

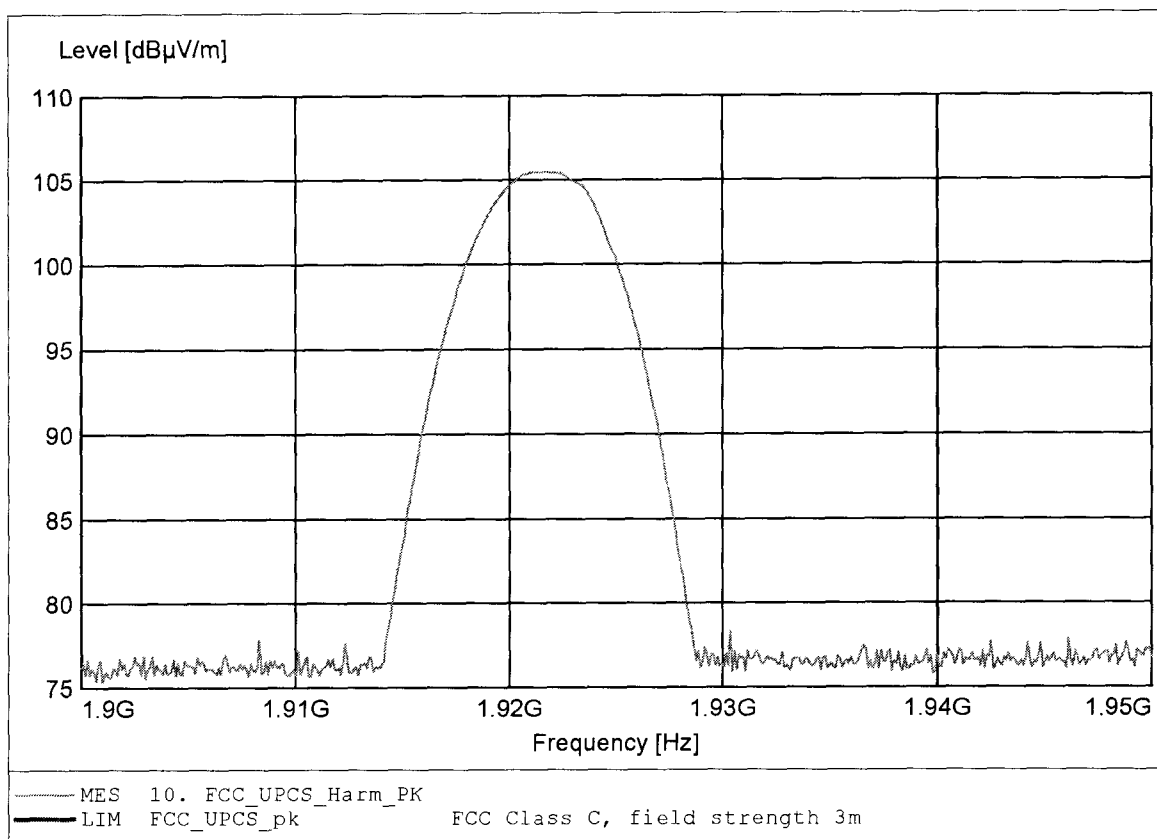
Appendix I

Radio frequency radiation exposure

Peak Transmit Power, Radiated

FCC RULES PART 15

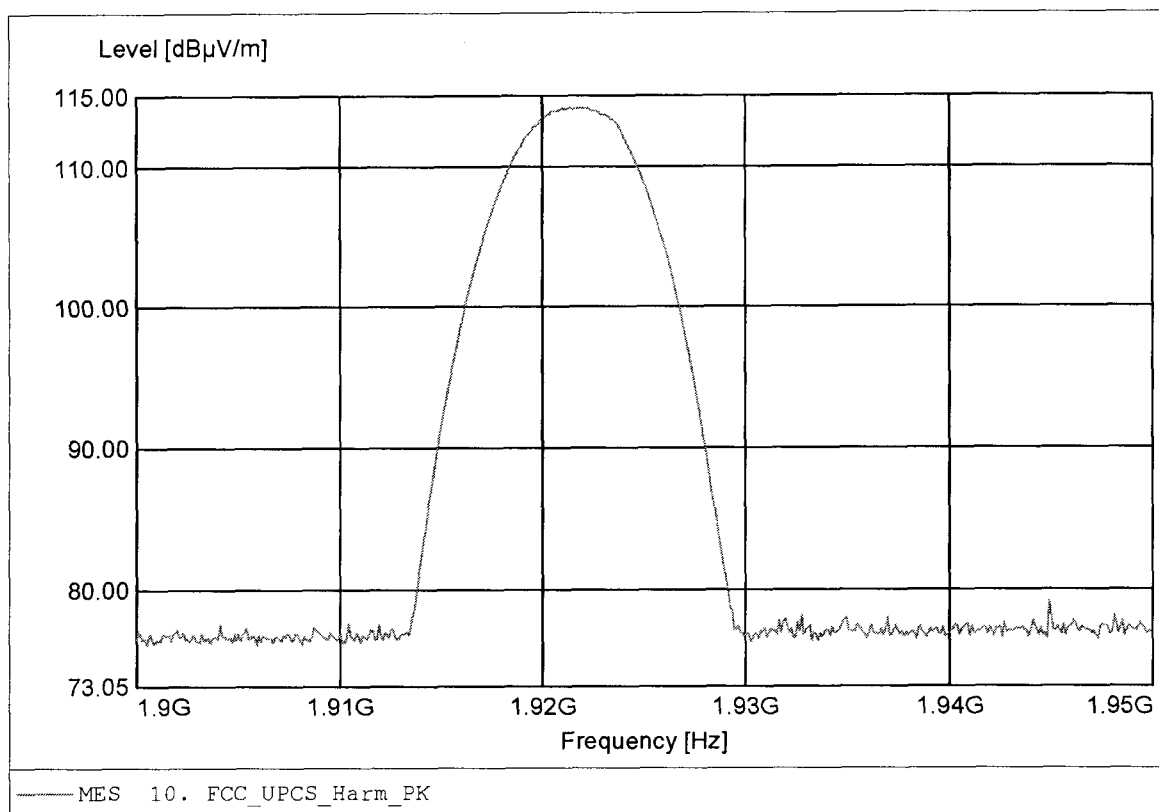
Approval Holder: Uniden America Corporation
EUT : DECT 6.0, CID TAD BASE UNIT Ant: 0
Model: DECT 1080 (XX) / AMWUC503 / 1921.536 MHz / 1928.448 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Conditions: 23°C / Unom: 120 V AC (AC/DC-ADAPTOR)
Test Specification: Semi anechoic chamber / mode: Tx; detector: peak
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.922GHz Pmax:105.47dBμV/m RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15

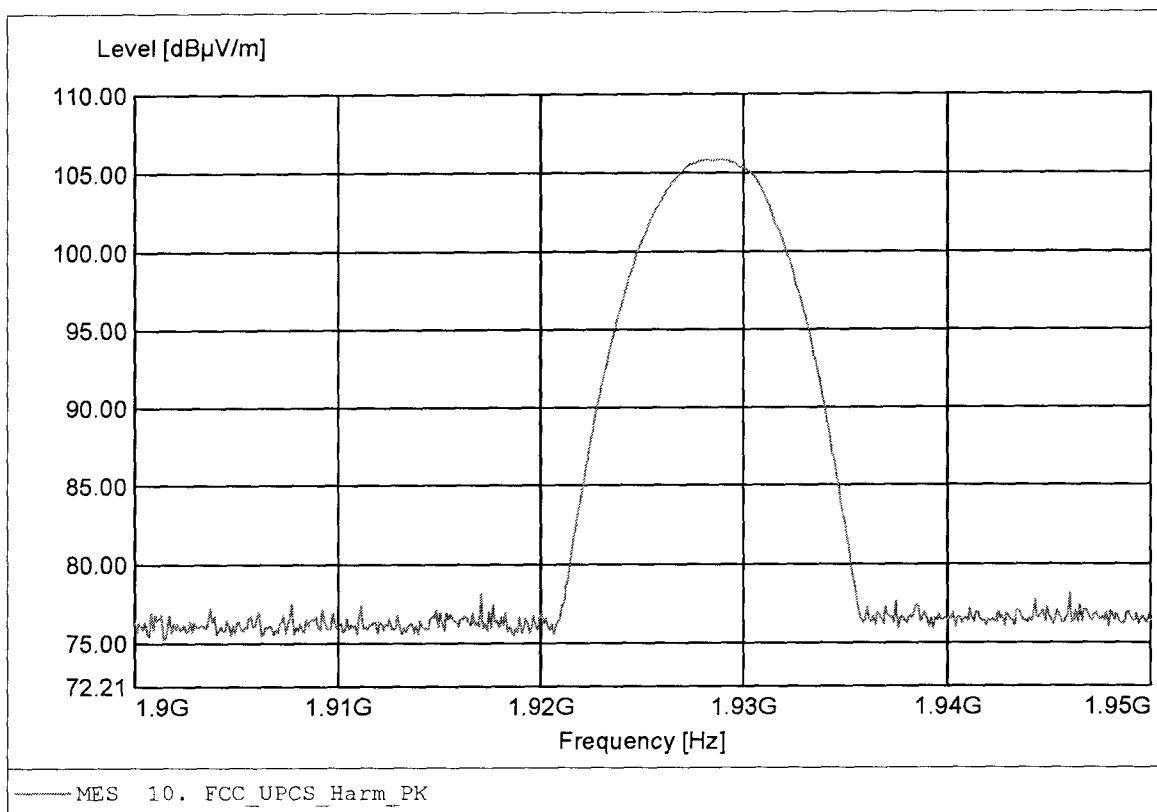
Approval Holder: Uniden America Corporation
EUT : DECT 6.0, CID TAD BASE UNIT Ant: 0
Model: DECT 1080 (XX) / AMWUC503 / 1921.536 MHz / 1928.448 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Conditions: 23°C / Unom: 120 V AC (AC/DC-ADAPTOR)
Test Specification: Semi anechoic chamber / mode: Tx; detector: peak
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.922GHz Pmax:114.16dBμV/m RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15

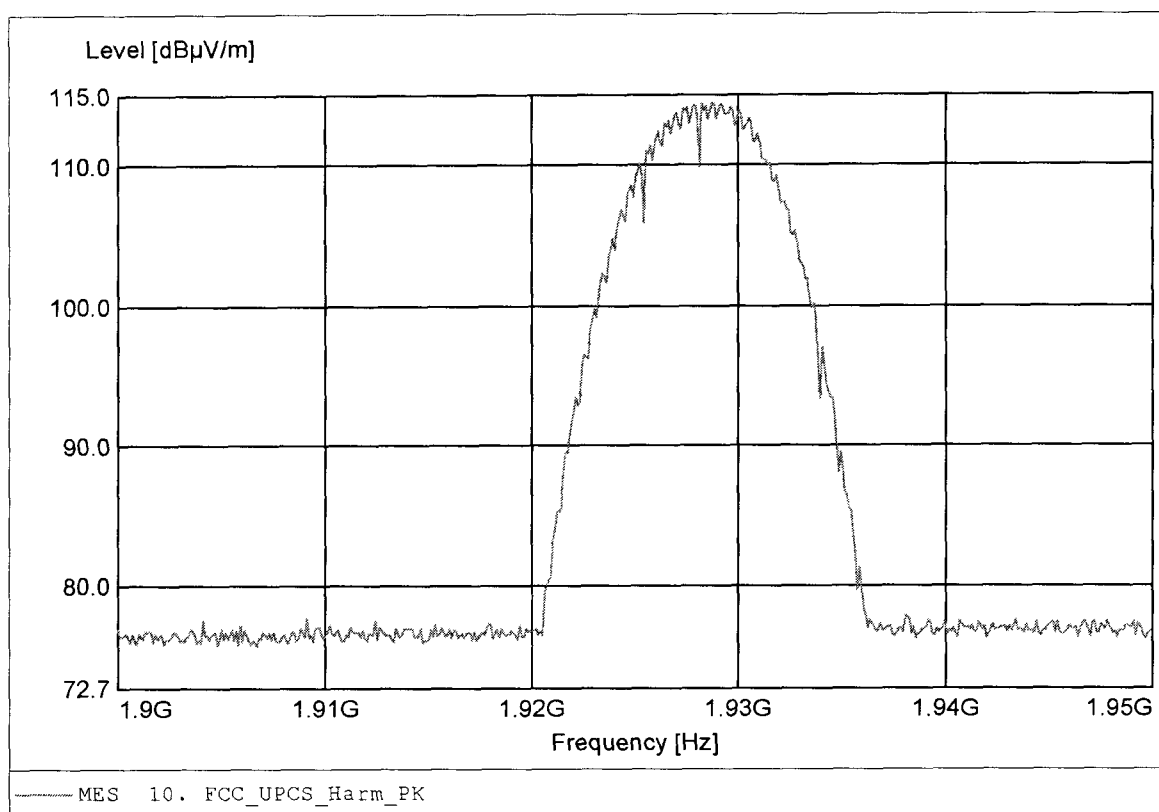
Approval Holder: Uniden America Corporation
EUT : DECT 6.0, CID TAD BASE UNIT Ant: 0
Model: DECT 1080 (XX) / AMWUC503 / 1921.536 MHz / 1928.448 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Conditions: 23°C / Unom: 120 V AC (AC/DC-ADAPTOR)
Test Specification: Semi anechoic chamber / mode: Tx; detector: peak
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.929GHz Pmax:105.84dBμV/m RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15

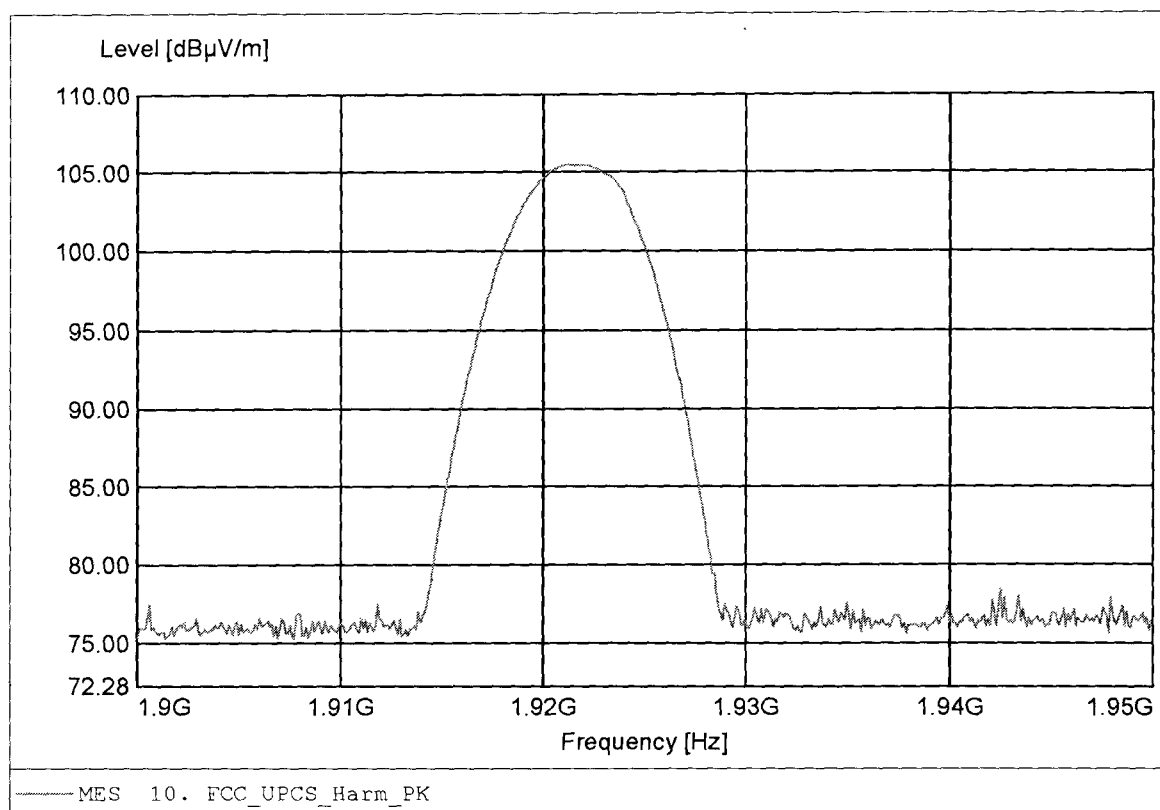
Approval Holder: Uniden America Corporation
EUT : DECT 6.0, CID TAD BASE UNIT Ant: 0
Model: DECT 1080 (XX) / AMWUC503 / 1921.536 MHz / 1928.448 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Conditions: 23°C / Unom: 120 V AC (AC/DC-ADAPTOR)
Test Specification: Semi anechoic chamber / mode: Tx; detector: peak
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.929GHz Pmax:114.41dBμV/m RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15

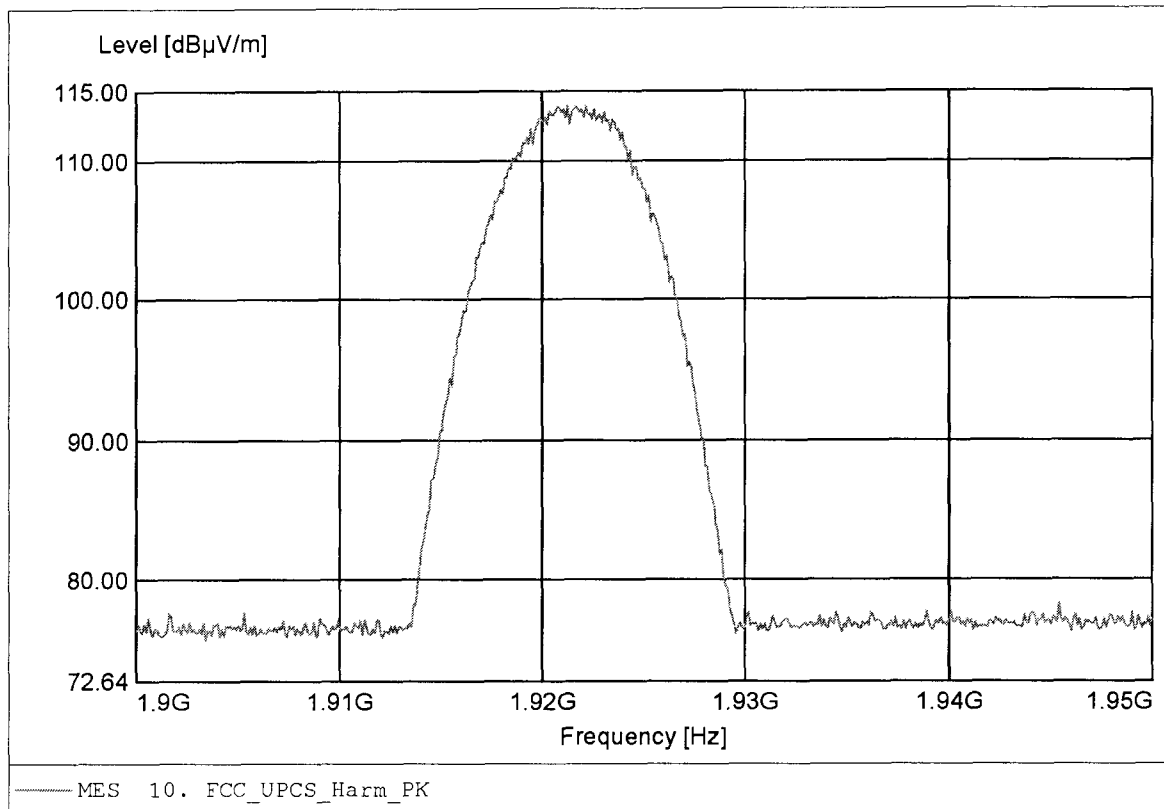
Approval Holder: Uniden America Corporation
EUT : DECT 6.0, CID TAD BASE UNIT Ant: 1
Model: DECT 1080 (XX) / AMWUC503 / 1921.536 MHz / 1928.448 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Conditions: 23°C / Unom: 120 V AC (AC/DC-ADAPTOR)
Test Specification: Semi anechoic chamber / mode: Tx; detector: peak
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.922GHz Pmax:105.47dBμV/m RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15

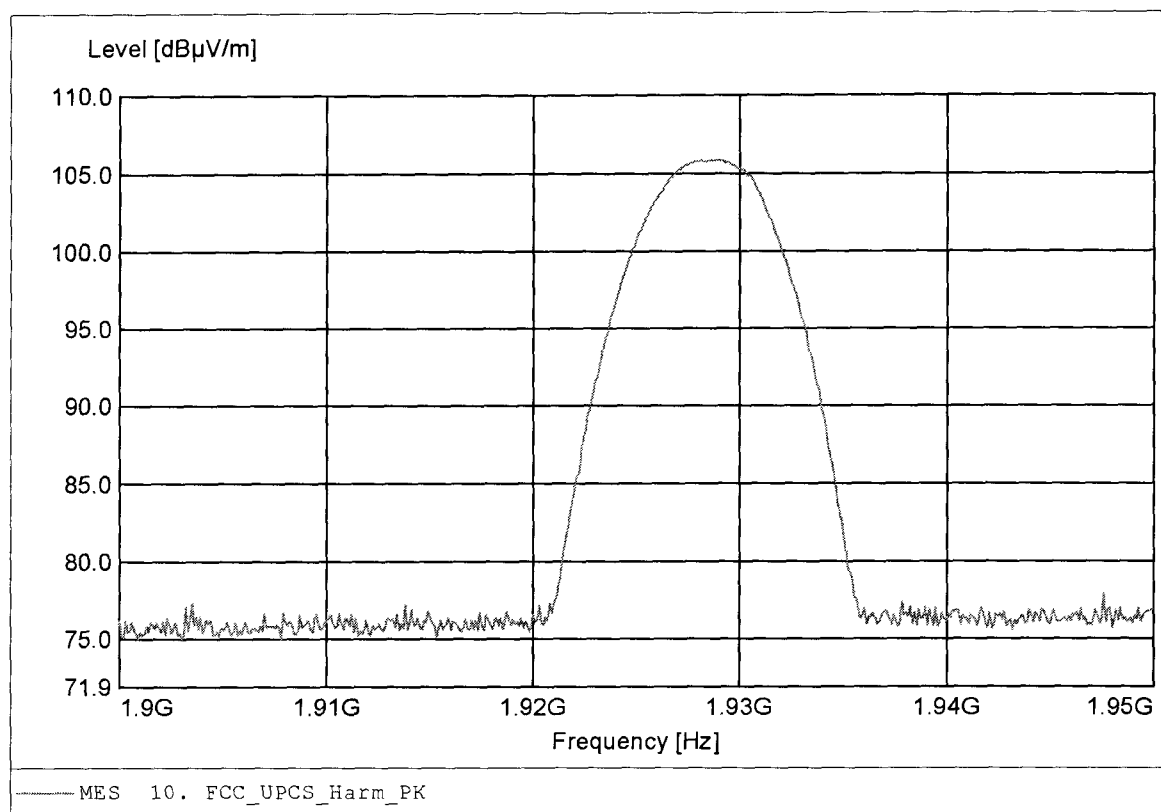
Approval Holder: Uniden America Corporation
EUT : DECT 6.0, CID TAD BASE UNIT Ant: 1
Model: DECT 1080 (XX) / AMWUC503 / 1921.536 MHz / 1928.448 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Conditions: 23°C / Unom: 120 V AC (AC/DC-ADAPTOR)
Test Specification: Semi anechoic chamber / mode: Tx; detector: peak
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.921GHz Pmax:113.98dBμV/m RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15

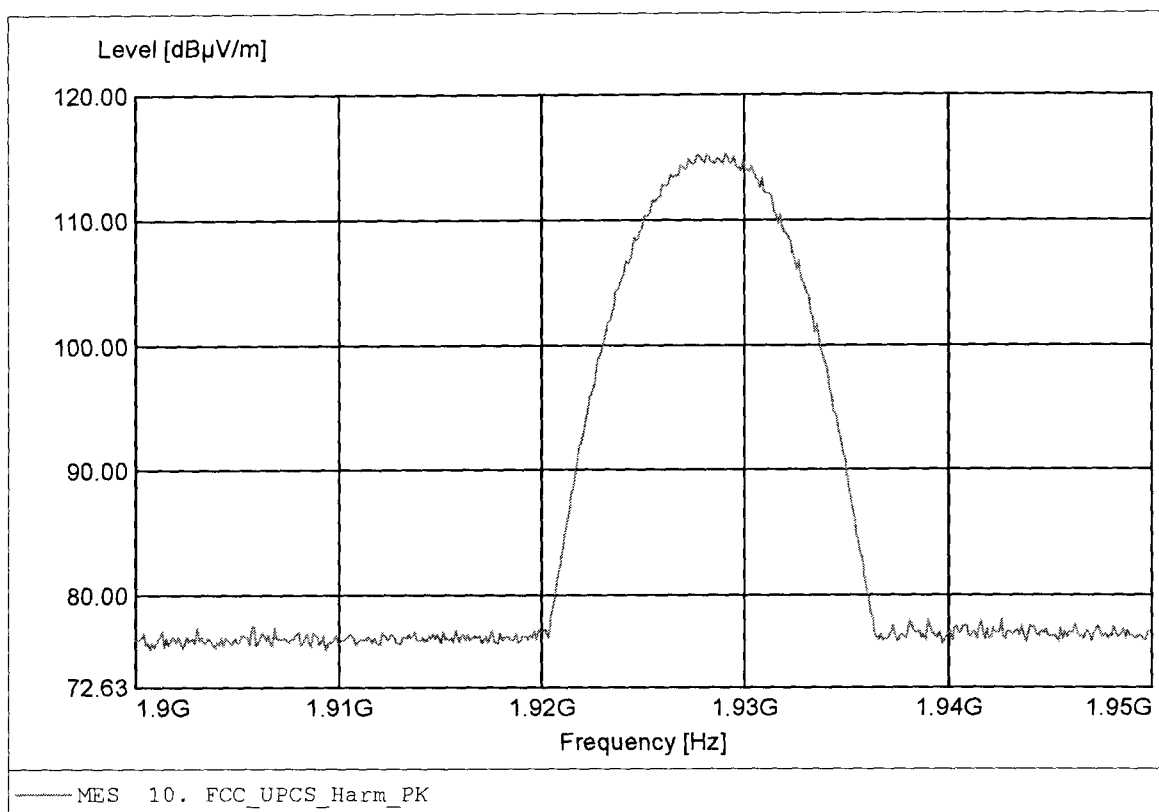
Approval Holder: Uniden America Corporation
EUT : DECT 6.0, CID TAD BASE UNIT Ant: 1
Model: DECT 1080 (XX) / AMWUC503 / 1921.536 MHz / 1928.448 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Conditions: 23°C / Unom: 120 V AC (AC/DC-ADAPTOR)
Test Specification: Semi anechoic chamber / mode: Tx; detector: peak
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.929GHz Pmax:105.84dBμV/m RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15

Approval Holder: Uniden America Corporation
EUT : DECT 6.0, CID TAD BASE UNIT Ant: 1
Model: DECT 1080 (XX) / AMWUC503 / 1921.536 MHz / 1928.448 MHz
Test Site / Operator: ETS / Mr. Handrik
Test Conditions: 23°C / Unom: 120 V AC (AC/DC-ADAPTOR)
Test Specification: Semi anechoic chamber / mode: Tx; detector: peak
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.929GHz Pmax:115.31dBμV/m RBW: 5 MHz



Appendix J

Monitoring threshold

Test case

Rev. Draft ANSI_7.3.2_upper_threshold.xml

Date 18.04.2006 11:08:53

Reference to the EUT
(CID, TAD)

G0M20604-0399 / DECT1080(XX) / AMWUC503

Comment:

initial setup

DECT 6.0, CID TAD BASE UNIT

Uniden America Corporation

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	
00:02:41.5937500	-51,4 -52	-51,4 -51,7	-52 -52,2	-51,7 -51,9	-51,6 -51,8	-52 dBm
00:02:59.3125000	-52,4 -52,8	-52,8 -52,9	-52,7 -53	-52,6 -52,9	-52,6 -52,8	-53 dBm
00:03:13.0937500	-53,4 -53,8	-53,3 -53,8	-53,7 -54,1	-53,5 -53,8	-53,6 -53,8	-54 dBm
00:03:25.0312500	-54,4 -54,9	-54,3 -54,7	-54,6 -55	-54,6 -54,9	-54,4 -54,7	-55 dBm
00:03:37.2343750	-55,2 -55,7	-55,6 -55,8	-55,4 -55,7	-55,6 -55,9	-55,4 -55,7	-56 dBm
00:06:05.6718750	-56,2 -56,9	-56,2 -56,6	-56,6 -56,9	-56,4 -56,7	-56,4 -56,7	-57 dBm
00:06:25.5000000	-57,2 -57,8	-57,1 -57,6	-57,6 -57,8	-57,4 -57,7	-57,4 -57,7	-58 dBm
00:06:38.5000000	-58,1 -58,6	-58,5 -58,8	-58,2 -58,7	-58,4 -58,8	-58,4 -58,7	-59 dBm
00:06:51.5000000	-59,6 -60	-59,2 -59,8	-59,3 -59,7	-59,5 -59,8	-59,4 -59,8	-60 dBm
00:07:06.1875000	-60,5 -61	-60,1 -60,7	-60,3 -60,9	-60,4 -60,9	-60,3 -60,8	-61 dBm
00:07:21.9062500	-61 -61,7	-61,4 -61,9	-61,2 -61,8	-61,4 -61,9	-61,3 -61,8	-62 dBm
00:07:47.1406250	-62 -63	-61,9 -62,9	-50,6 -62,7	-22,4 -44,2	-53 -62,8	Upper threshold level:-63 dBm

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 18.04.2006 11:24:50
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 7.3.3_b
 DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
00:23:03.9218750	-85,8 -95,9	-87 -96,1	-86,6 -96	-86,2 -95,9	-85,2 -95,8	Interferer off
00:23:17.6250000	-59,4 -59,8	-59,5 -59,8	-59,5 -59,9	-71,5 -73	-76,9 -80	Interferer on
00:23:36.8125000	-59,6 -60,3	-59,3 -60,2	-59,4 -60,2	-51 -71,6	-22,4 -44,2	OK 1
00:23:45.2187500	-59,4 -59,8	-59,4 -59,8	-59,6 -59,9	-71,5 -73	-77,4 -80	
00:23:55.0937500	-59,9 -60,3	-59,8 -60,2	-59,5 -60,2	-51,4 -71,3	-22,5 -44,4	OK 2
00:24:02.9218750	-59,4 -59,8	-59,5 -59,8	-59,6 -59,9	-71,5 -73	-77 -79,9	
00:24:09.1875000	-59,9 -60,3	-59,9 -60,2	-57 -60,2	-52,1 -71,6	-22,6 -44,4	OK 3
00:24:13.8750000	-59,4 -59,8	-59,5 -59,8	-59,6 -59,9	-71,6 -73	-77,1 -80	
00:24:20.2500000	-59,9 -60,3	-59,9 -60,2	-59,7 -60,2	-51 -71,5	-22,2 -44	OK 4
00:24:25.1718750	-59,5 -59,8	-59,5 -59,8	-59,6 -59,9	-71,3 -73	-76,7 -80,1	
00:24:30.6406250	-59,9 -60,3	-59,6 -60,2	-59,9 -60,2	-51,7 -71,3	-22,5 -44,4	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 18.04.2006 11:30:35
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 7.3.3_c

DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
00:29:12.3125000	-86,9 -96	-86,2 -95,7	-86,4 -95,6	-86,7 -95,9	-86,8 -95,7	Interferer off
00:29:20.1562500	-59,5 -59,8	-59,5 -59,8	-59,6 -59,9	-76,9 -79,8	-71,7 -73,1	Interferer on
00:29:30.5312500	-59,9 -60,3	-57,9 -60,2	-50,1 -60,1	-22,5 -44,6	-54,6 -72,8	OK 1
00:29:37.0781250	-59,4 -59,8	-59,5 -59,8	-59,6 -59,9	-77 -79,8	-71,8 -73,1	
00:29:43.9375000	-59,4 -60,3	-58,5 -60,2	-50 -60,2	-22,4 -43,9	-54,4 -72,9	OK 2
00:29:49.0312500	-59,4 -59,8	-59,5 -59,8	-59,6 -60	-77,2 -79,8	-71,9 -73,1	
00:29:55.1875000	-59,1 -60,2	-58 -60,2	-50 -60,1	-22,6 -44,2	-54,5 -72,9	OK 3
00:30:01.9531250	-59,5 -59,8	-59,5 -59,8	-59,5 -59,9	-77 -79,7	-71,6 -73,1	
00:30:08.3906250	-59,6 -60,3	-59,2 -60,2	-49,8 -60,1	-21,4 -43,9	-54,6 -72,9	OK 4
00:30:14.2500000	-59,4 -59,8	-59,5 -59,8	-59,6 -60	-76,5 -79,8	-71,6 -73,1	
00:30:21.3906250	-59,9 -60,3	-57,2 -60,2	-48,8 -60,1	-22,5 -44,7	-54,3 -72,8	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 18.04.2006 11:34:50
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 7.3.3_d

DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
00:33:31.1406250	-86,7 -95,7	-86,5 -95,8	-85,6 -95,7	-86,6 -95,9	-86,6 -96	Interferer off
00:33:38.3437500	-59,5 -59,8	-59,5 -59,8	-59,6 -60	-76,2 -78,7	-80,5 -85,7	Interferer on
00:33:44.8281250	-59,5 -60,1	-59,7 -60,2	-59,7 -60,2	-52,3 -74,5	-22,2 -44,5	OK 1
00:33:48.0781250	-59,4 -59,8	-59,4 -59,8	-59,6 -59,9	-76,1 -78,8	-81,1 -85,8	
00:33:53.9375000	-59,5 -60,3	-59,8 -60,2	-57,6 -60,3	-51,7 -75	-22,2 -44,1	OK 2
00:33:58.6718750	-59,4 -59,8	-59,5 -59,8	-59,6 -59,9	-76 -78,7	-80,7 -85,7	
00:34:04.6093750	-59,9 -60,3	-59,8 -60,2	-59,4 -60,3	-51,9 -71,3	-22,5 -39,7	OK 3
00:34:15.6562500	-59,5 -59,8	-59,5 -59,8	-59,6 -60	-75,6 -78,8	-80,6 -85,8	
00:34:21.1562500	-59,9 -60,3	-59,7 -60,2	-58,9 -60,2	-51,2 -74,5	-22,2 -44,2	OK 4
00:34:23.6250000	-59,4 -59,8	-59,5 -59,8	-59,5 -60	-76,1 -78,7	-80,8 -85,7	
00:34:29.5625000	-59,9 -60,3	-59,9 -60,2	-59,1 -60,2	-51,9 -74,3	-22,3 -44	OK 5

Log file

Test case

Rev. Draft ANSI_7.3.3_least_interfered_channel.xml

Date 18.04.2006 11:38:42

Reference to the EUT
(CID, TAD)

G0M20604-0399 / DECT1080(XX) / AMWUC503

Comment:

7.3.3_e

DECT 6.0, CID TAD BASE UNIT
Uniden America Corporation

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	
00:37:30.1250000	-87 -95,7	-87,1 -95,9	-85,7 -95,6	-86,1 -95,9	-86,8 -95,7	Interferer off
00:37:34.9843750	-59,5 -59,8	-59,5 -59,8	-59,6 -60	-81 -85,4	-76,3 -78,9	Interferer on
00:37:41.3125000	-58,9 -60,3	-58,3 -60,2	-49,3 -60,1	-22,6 -44,9	-55 -78	OK 1
00:37:43.3906250	-59,5 -59,8	-59,5 -59,8	-59,6 -60	-80,4 -85,5	-76 -79	
00:37:49	-59,5 -60,1	-59,6 -60,2	-49,1 -60	-22,7 -44,4	-55,1 -78,1	OK 2
00:37:54.2187500	-59,5 -59,8	-59,5 -59,8	-59,6 -60	-80,8 -85,5	-76,5 -79	
00:38:00.0937500	-59,9 -60,3	-59,5 -60,2	-49 -60,1	-22,6 -44,4	-56,8 -78,2	OK 3
00:38:04.0312500	-59,5 -59,8	-59,5 -59,8	-59,6 -60	-81 -85,7	-76,4 -79	
00:38:09.8281250	-59,8 -60,3	-59,8 -60,2	-50,5 -60,1	-22,9 -44,7	-54,6 -78	OK 4
00:38:13.5625000	-59,5 -59,8	-59,5 -59,8	-59,6 -60	-80 -85,6	-76,3 -78,9	
00:38:18.8593750	-59,8 -60,3	-59,5 -60,1	-48,9 -60,1	-22,5 -44,3	-55,1 -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_low_ch.xml
 Date 18.04.2006 12:57:56
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 7.5_low_ch_50 / 35 us
 DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
00:10:11.6093750	-86,8 -95,6	-85,2 -96	-86,6 -95,9	-86,6 -95,8	-86,4 -95,9	Interferer off
00:10:29.7968750	-67,3 -93,7	-51,9 -76,6	-22,4 -44,2	-55,6 -84,5	-69,9 -94	Dummy on channel 2
00:11:11.8437500	-55,6 -71,3	-59,5 -60,1	-59,7 -60,2	-59,9 -60,2	-59,8 -60,1	50µs interferer on, dummy release
00:11:39.8750000	-82,7 -95,8	-78,5 -94,9	-67 -93,5	-52,2 -76,3	-22,1 -44,2	Dummy on channel 0
00:13:10.5000000	-50,4 -67	-59,5 -60,1	-60 -60,3	-59,7 -60,2	-59,8 -60,1	35µs interferer on, dummy release

Log file

Test case Rev. Draft ANSI_7.5_reaction_time_high_ch.xml
 Date 18.04.2006 12:47:14
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 7.5_high_ch_50 / 35us
 DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
00:00:11.3281250	-85,9 -95,9	-85,6 -95,8	-86,4 -95,7	-86 -95,8	-87 -95,7	Interferer off
00:00:26.7656250	-52,1 -76,4	-22,3 -44,7	-53,1 -77,3	-56,7 -85,4	-68,4 -93,5	Dummy on channel 3
00:01:09.8906250	-59,5 -60,3	-60 -60,3	-59,6 -60,2	-59,8 -60,2	-55,8 -71,2	50µs interferer on, dummy release
00:01:28.7500000	-76,7 -94,4	-65 -92,2	-51,8 -76,9	-22,5 -44,5	-52,1 -76,4	Dummy on channel 1
00:02:37.4531250	-59,6 -60,3	-59,7 -60,3	-59,7 -60,2	-59,7 -60,2	-50,4 -67,8	35µs interferer on, dummy release

Log file

Appendix L

Monitoring bandwidth

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 18.04.2006 11:53:33
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 7.4.1 simple compliance test_low_+30%
 DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
00:52:34.7812500	-86,2 -95,7	-85,8 -95,5	-87 -95,8	-87,2 -96	-86,8 -95,8	Interferer off
00:52:43.0781250	-89,4 -96	-85,3 -95,2	-69,8 -92	-52,1 -74,6	-22,2 -41,6	Dummy on channel 0
00:53:23.0156250	-86,8 -95,9	-59,4 -60,1	-59,8 -60,3	-59,7 -60,1	-59,7 -60,1	Interferer on, dummy release

Log file

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 18.04.2006 11:49:04
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 7.4.1 simple compliance test_low_-30%
 DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
00:47:27.2187500	-86,4 -95,6	-86 -95,7	-85,9 -95,7	-86,4 -95,7	-86,9 -95,9	Interferer off
00:47:38.7187500	-78,2 -94,9	-66 -93,5	-51,6 -76,8	-22,7 -43,9	-55,2 -84,5	Dummy on channel 1
00:48:17.5000000	-86,3 -95,8	-59,5 -60,1	-59,9 -60,3	-59,7 -60,2	-59,7 -60,1	Interference on, dummy release

Log file

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 18.04.2006 12:38:11
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 7.4.1 simple compliance test_high_+30%
 DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
01:37:04.9843750	-85,6 -95,9	-86,7 -95,6	-86,4 -96	-84,6 -95,8	-86,8 -95,8	Interferer off
01:37:12.5625000	-51,9 -76,5	-22,4 -44,8	-55,8 -85	-68,5 -94,1	-75,5 -95,2	Dummy on channel 3
01:37:53.5000000	-59,5 -60,1	-59,9 -60,3	-59,7 -60,1	-59,6 -60,1	-86,7 -95,7	Interference on, dummy release

Log file

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 18.04.2006 12:00:07
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 7.4.1 simple compliance test_high_-30%
 DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
00:58:58.4375000	-86,6 -95,7	-86,3 -95,7	-87,2 -95,8	-86,1 -95,6	-85,5 -95,8	Interferer off
00:59:06.8906250	-73,9 -93,9	-65,2 -91,2	-51,9 -72,4	-22,6 -40,1	-56,2 -80	Dummy on channel 1
00:59:51.5781250	-59,9 -60,3	-59,7 -60,3	-59,6 -60,2	-59,8 -60,2	-86 -95,7	Interference on, dummy release

Log file

Appendix M

Random waiting interval

Appendix N

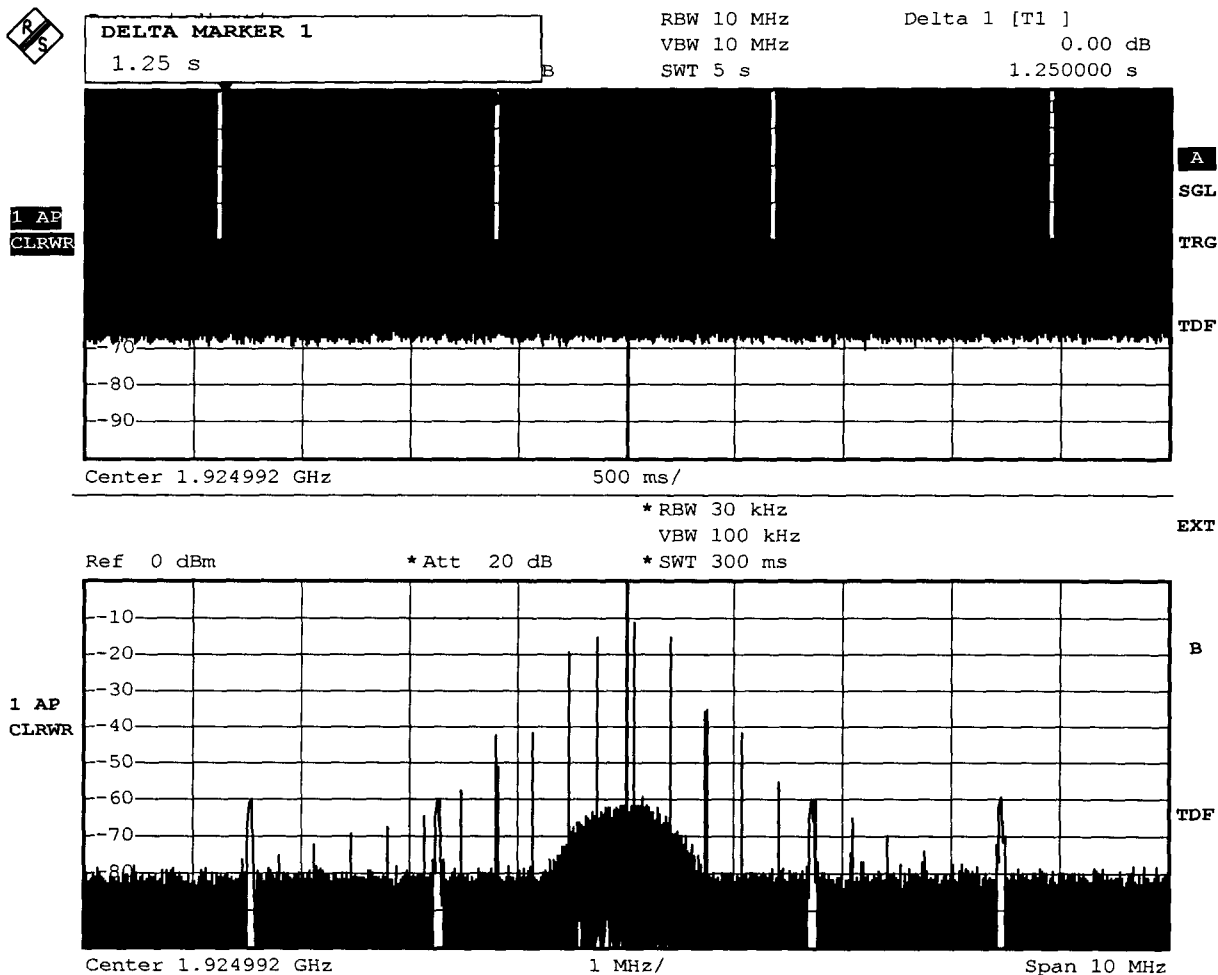
Duration of Transmission

Appendix O

Connection acknowledgement

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

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°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: 1.25 sec
Comment 3	Verdict: PASS



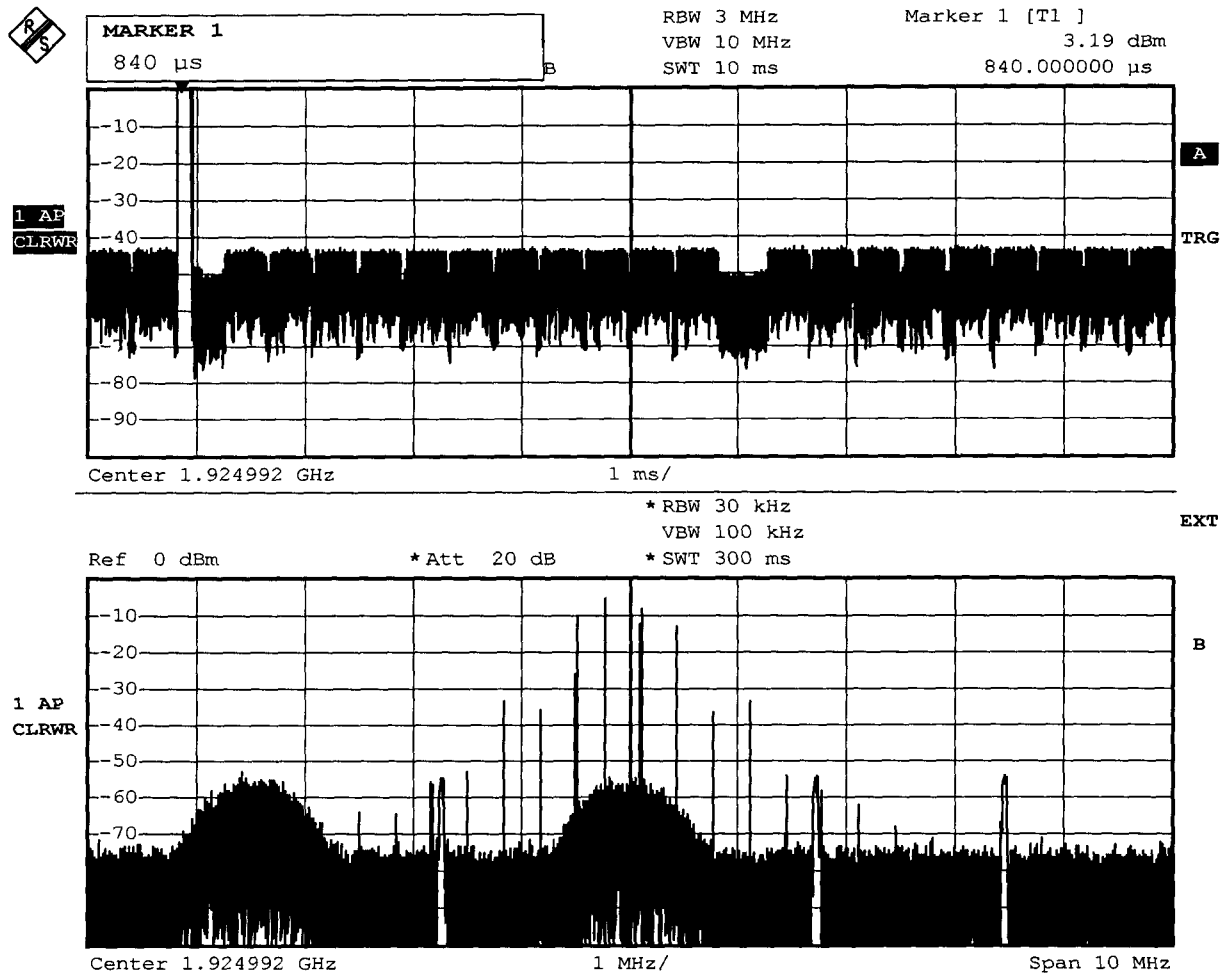
Comment: Ansi C63.17-1998

Date: 18.APR.2006 13:47:43

Measurement diagram

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

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°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 2 (1924,992 MHz), in time slot 2 (840 μ s)
Comment 3	



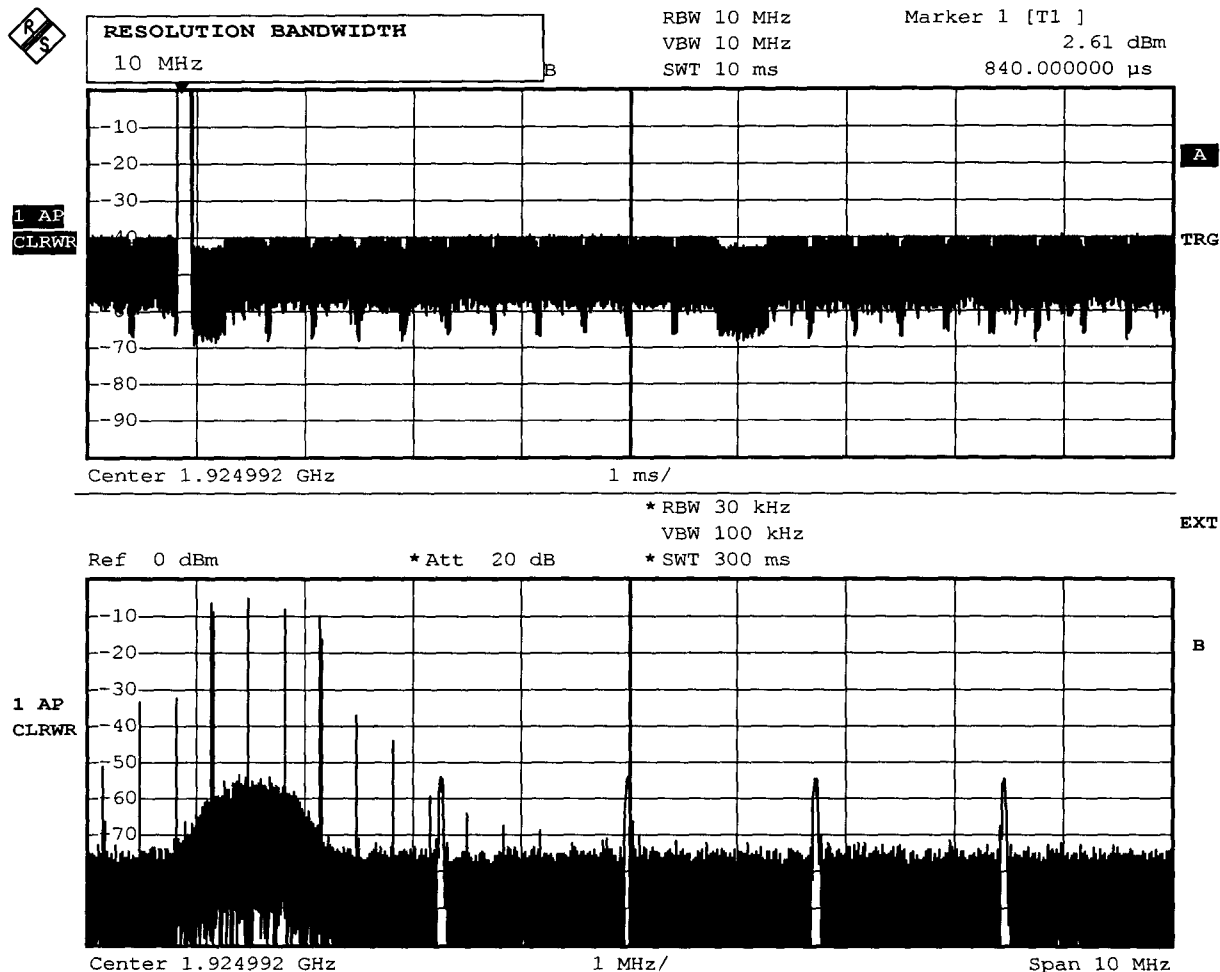
Comment: Ansi C63.17-1998

Date: 18.APR.2006 14:20:03

Measurement diagram

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

EUT	DECT 6.0, CID TAD BASE UNIT
Model	DECT1080(XX) / AMWUC503 (CID, TAD)
Applicant	Uniden America Corporation
Temperature	23°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 4 (1921,536 MHz), in time slot 2 (840 μ s)



Comment: Ansi C63.17-1998

Date: 18.APR.2006 14:27:16

Measurement diagram

Test case Rev. Draft ANSI_8.2.1_Acknowledgments_30s.xml
 Date 18.04.2006 13:30:15
 Reference to the EUT G0M20604-0399 / DECT1080(XX) / AMWUC503
 (CID, TAD)
 Comment: 8.2.1 Acknowledgments for c)
 DECT 6.0, CID TAD BASE UNIT
 Uniden America Corporation

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	
00:00:24.9843750	-60 -60,7	-50,9 -60,4	-22,7 -40,4	-56,3 -60,6	-59,7 -60,5	Connection
00:00:29.9218750	-59,6 -60,7	-50,6 -60,4	-22,5 -42,3	-55,6 -60,6	-59,7 -60,5	Block acknowledge- ments from the companion device
00:00:35.0156250	-59,8 -60,7	-50,1 -60,5	-22,8 -45,2	-58,1 -60,6	-59,3 -60,5	Dummy bearer on channel 2

The DUT terminates the transmission on the communication channel after 5.1 seconds.

Log file

Appendix P

Selected channel, power accuracy, segment occupancy

Test case
confirmation.xml

Rev. Draft ANSI_7.3.4_selected channel

Date 18.04.2006 11:44:05

Reference to the EUT
(CID, TAD)

G0M20604-0399 / DECT1080(XX) / AMWUC503

Comment:

initial setup

DECT 6.0, CID TAD BASE UNIT
Uniden America Corporation

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	
00:43:06.7187500	-87,2 -95,8	-86,7 -95,7	-85,1 -95,8	-86,3 -95,8	-86,5 -95,7	Interferer off
00:43:13.5468750	-59,4 -59,8	-59,4 -59,8	-59,6 -60	-77,2 -79,8	-77,3 -80	Interferer on
00:43:30.3281250	-59,8 -60,3	-59,7 -60,2	-59,4 -60,3	-52,1 -74,7	-22,3 -44,2	OK 1
00:43:40.8437500	-59,7 -60,3	-58,6 -60,2	-50 -60,2	-22,3 -44,2	-55,2 -78,9	OK 2

Log file

Appendix Q

Duplex connections