

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:

GN NETCOM 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 13TH day of December 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 #: GNNT121305

Appendix C

Reference to Subpart B

Appendix D

Labeling requirements

Appendix E

Conducted limits AC Power line

Appendix A

Pictures

Appendix F

Emission band width

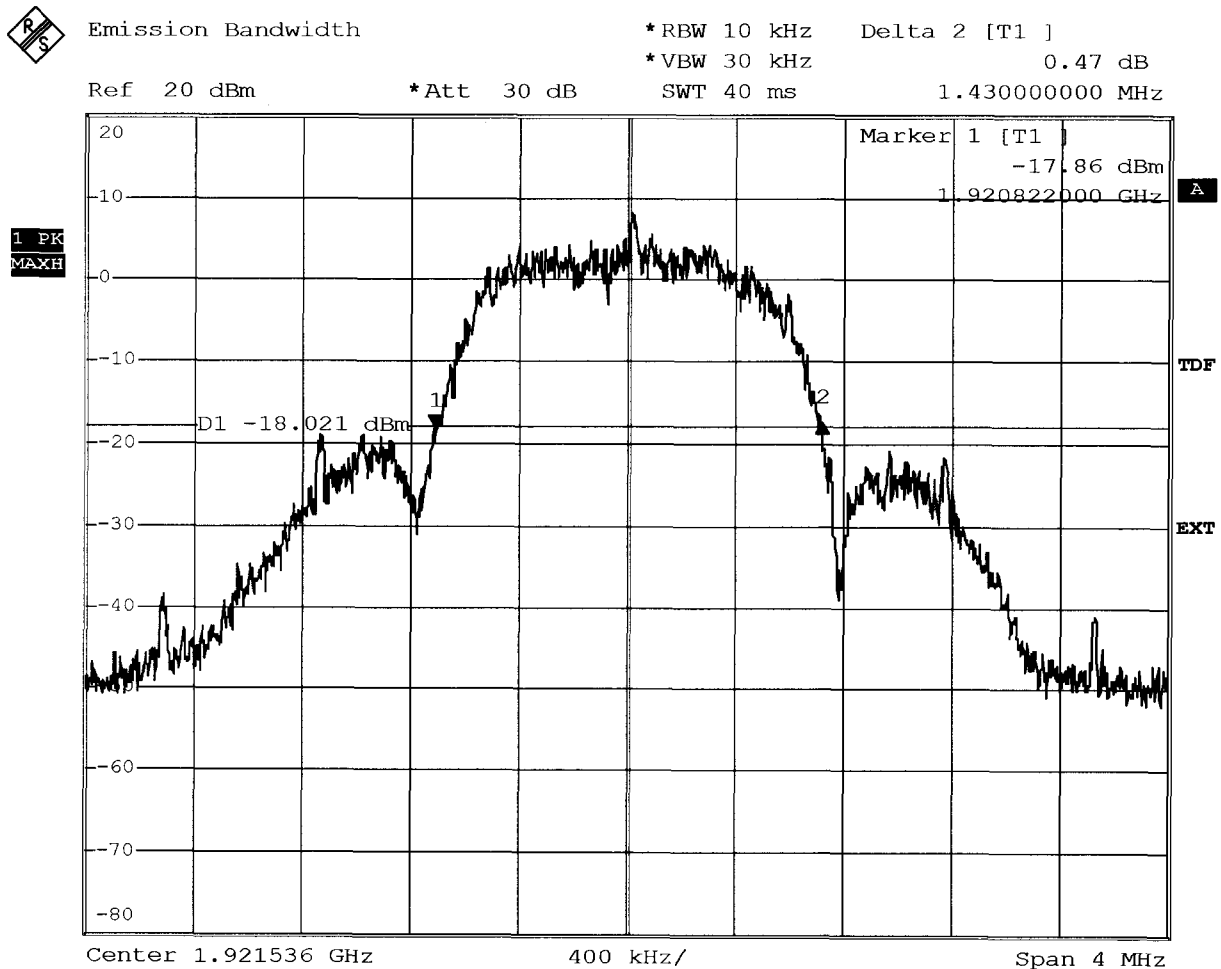
FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3 UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth

Measured Bandwidth	Emission Bandwidth = 1.43MHz
Max. Permitted BW	Limit = 2.5 MHz

Test result	Verdict = PASS
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Comment: Ansi C63.17-1998 6.1.3
Date: 24.SEP.2005 14:13:22

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 : 1921.096MHz
Higher frequency : 1921.904MHz

-12 dB points

Lower frequency : 1920.974MHz
Higher frequency : 1922.138MHz

FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3 UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth

Measured Bandwidth	Emission Bandwidth = 1.41MHz
Max. Permitted BW	Limit = 2.5 MHz

Test result	Verdict = PASS
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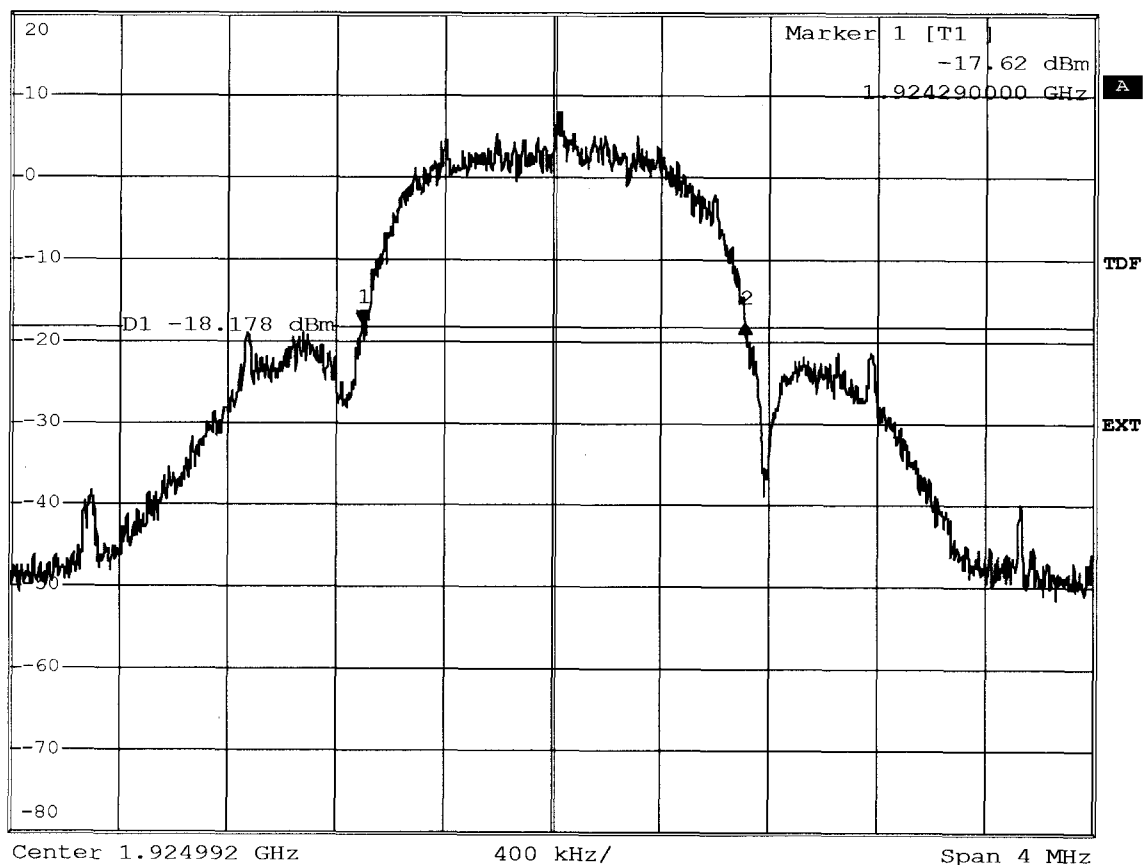


Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]
 *VBW 30 kHz 0.05 dB
 SWT 40 ms 1.414000000 MHz

Ref 20 dBm

*Att 30 dB

 1 PK
 MAXH


Comment: Ansi C63.17-1998 6.1.3
 Date: 24.SEP.2005 14:14:45

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 : 1924.554MHz
Higher frequency : 1925.402MHz

-12 dB points

Lower frequency : 1924.416MHz
Higher frequency : 1925.602MHz

FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3
UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth

Measured Bandwidth	Emission Bandwidth = 1.43MHz
Max. Permitted BW	Limit = 2.5 MHz

Test result	Verdict = PASS
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Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]

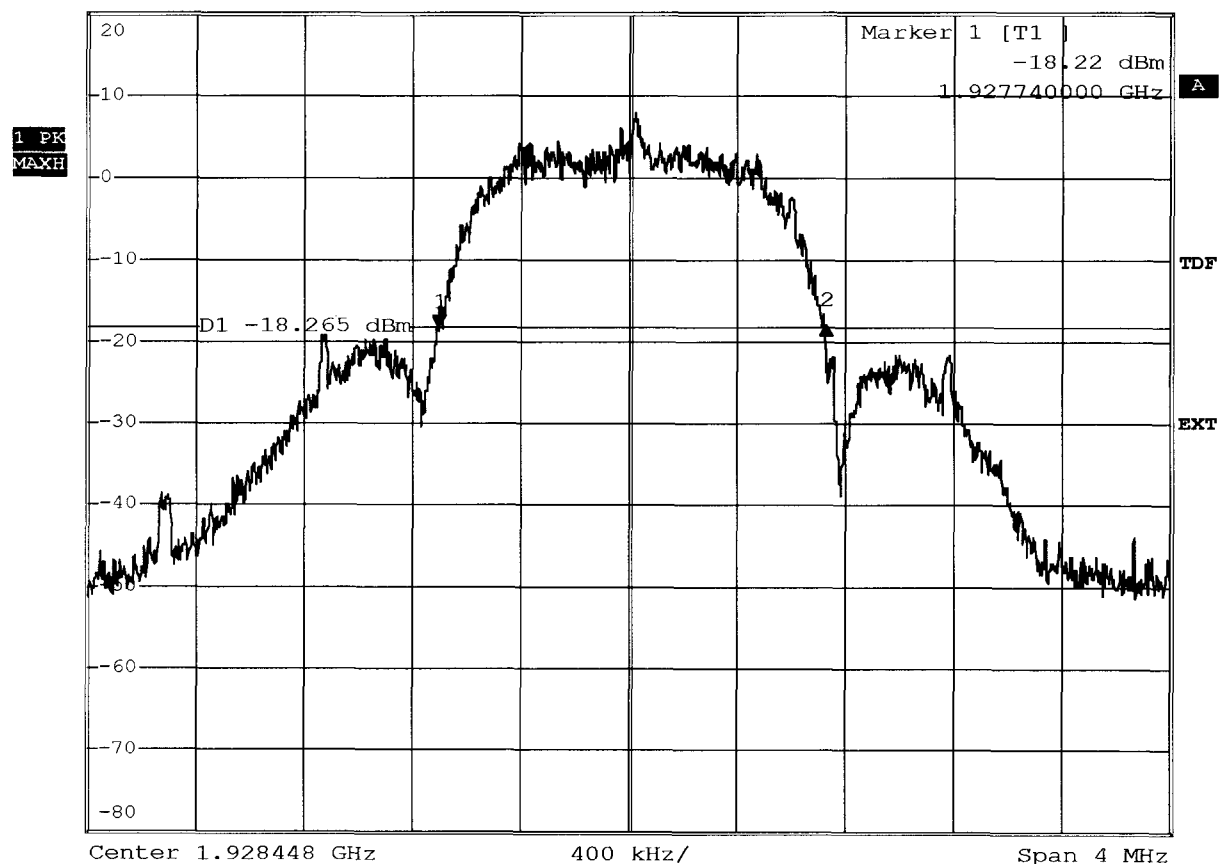
*VBW 30 kHz 0.39 dB

Ref 20 dBm

*Att 30 dB

SWT 40 ms

1.432000000 MHz



Comment: Ansi C63.17-1998 6.1.3

Date: 24.SEP.2005 14:10:11

Measurement diagram

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

-6 dB points

Lower frequency : 1928.022MHz
Higher frequency : 1928.932MHz

-12 dB points

Lower frequency : 1927.866MHz
Higher frequency : 1929.062MHz

Appendix G

Peak Transmit Power

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2
UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Unom, 3.6 V
Measured Bandwidth	1.432MHz
Max. Permitted Power	20,77 dBm
Measured Power	15,76 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

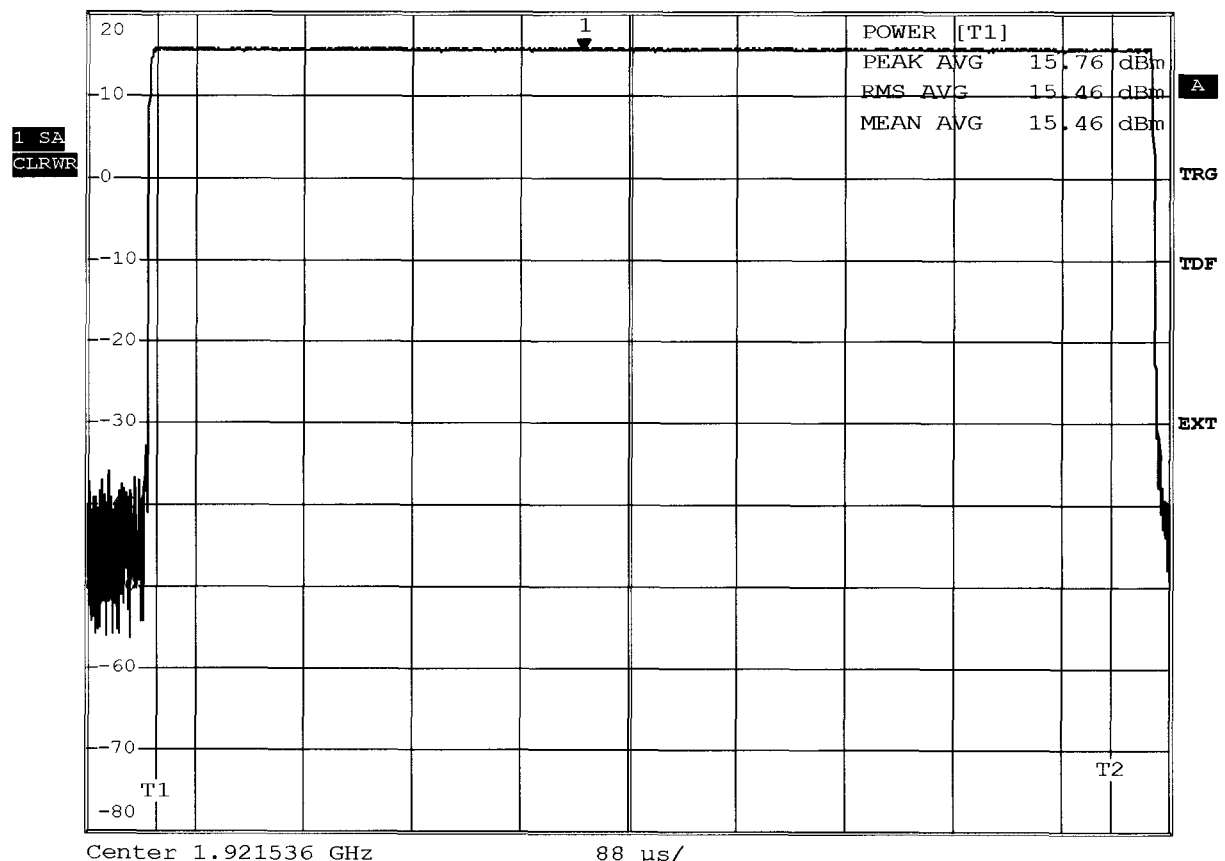
15.46 dBm

Ref 20 dBm

*Att 30 dB

SWT 880 µs

352.750000 µs



Comment: Ansi C63.17-1998 6.1.2

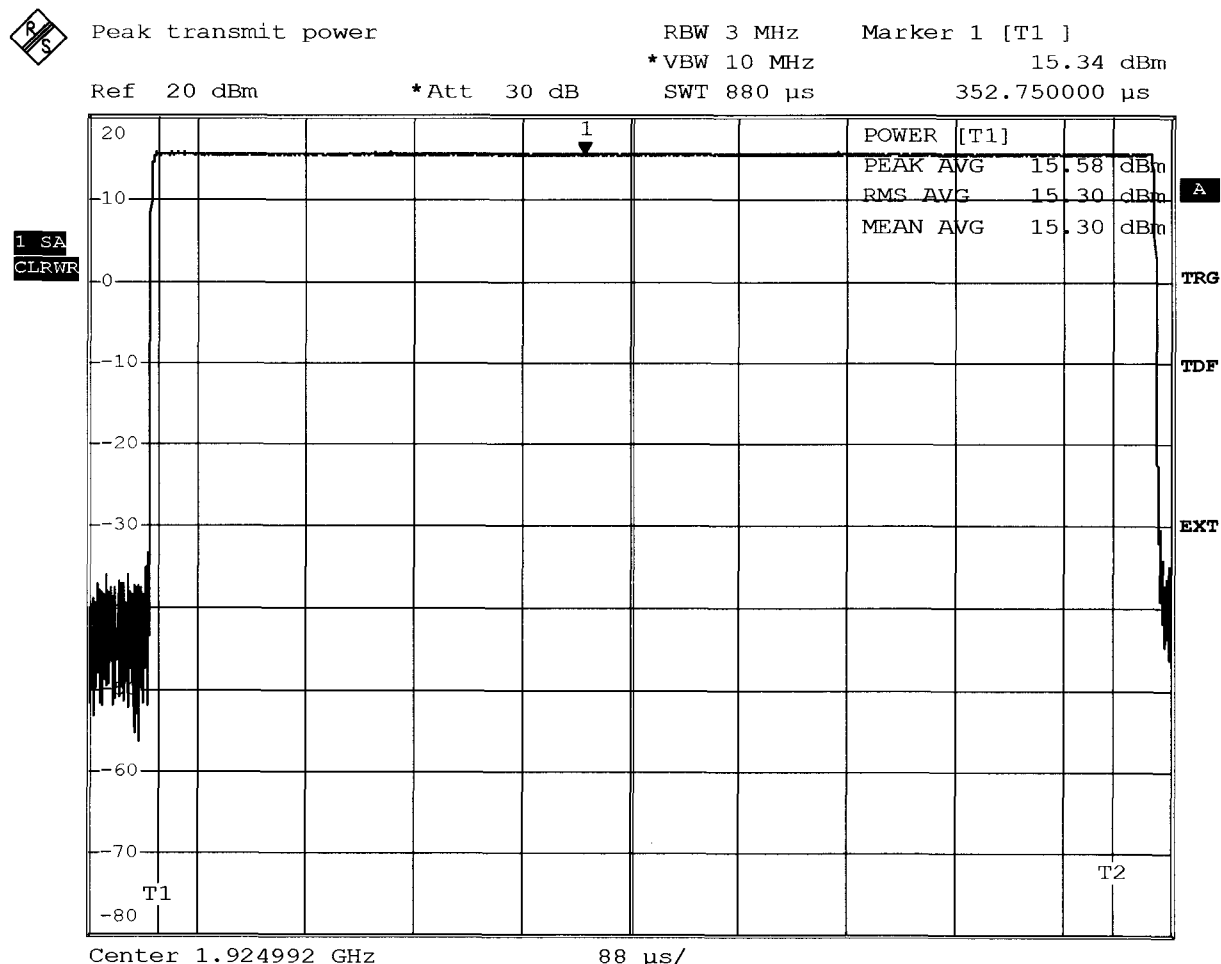
Date: 24.SEP.2005 14:18:24

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2
UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Unom, 3.6 V
Measured Bandwidth	1.432MHz
Max. Permitted Power	20,77 dBm
Measured Power	15,58 dBm
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.2

Date: 24.SEP.2005 14:19:52

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	Unom, 3.6 V
Measured Bandwidth	1.432MHz
Max. Permitted Power	20,77 dBm
Measured Power	15,43 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

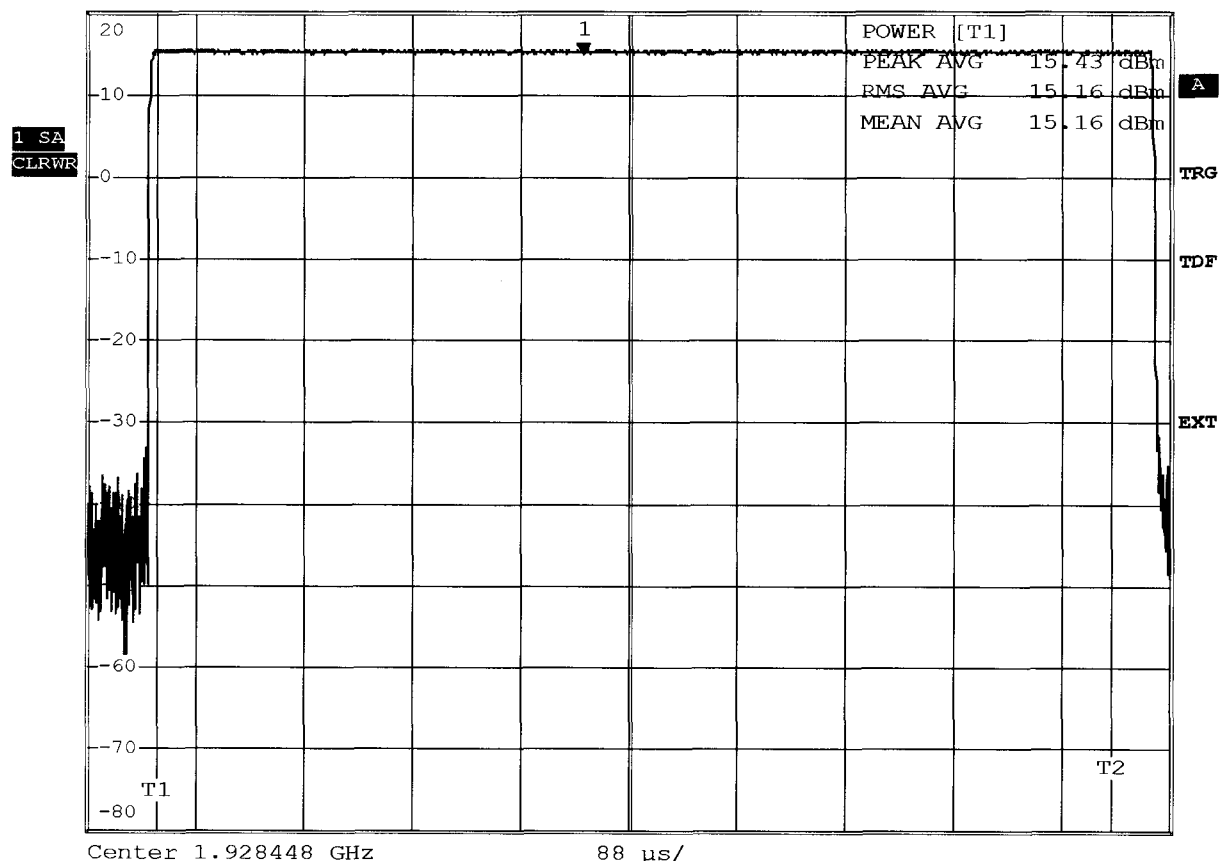
15.00 dBm

Ref 20 dBm

*Att 30 dB

SWT 880 µs

352.750000 µs



Comment: Ansi C63.17-1998 6.1.2

Date: 24.SEP.2005 14:20:55

Measurement diagram

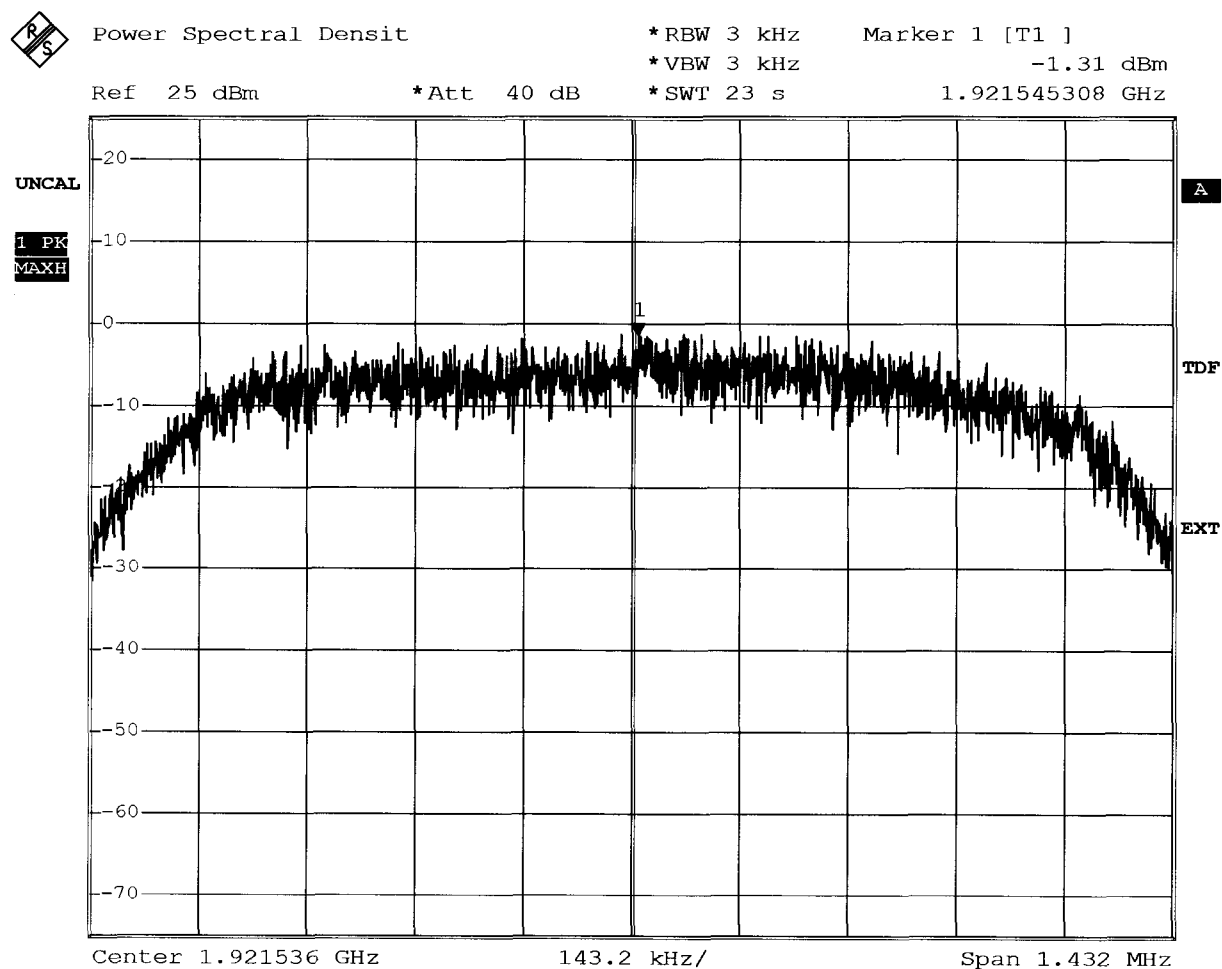
Appendix H

Power spectral density

FCC Part 15.319(d) Power spectral density**UPCS**

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX 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: 24.SEP.2005 14:24:48

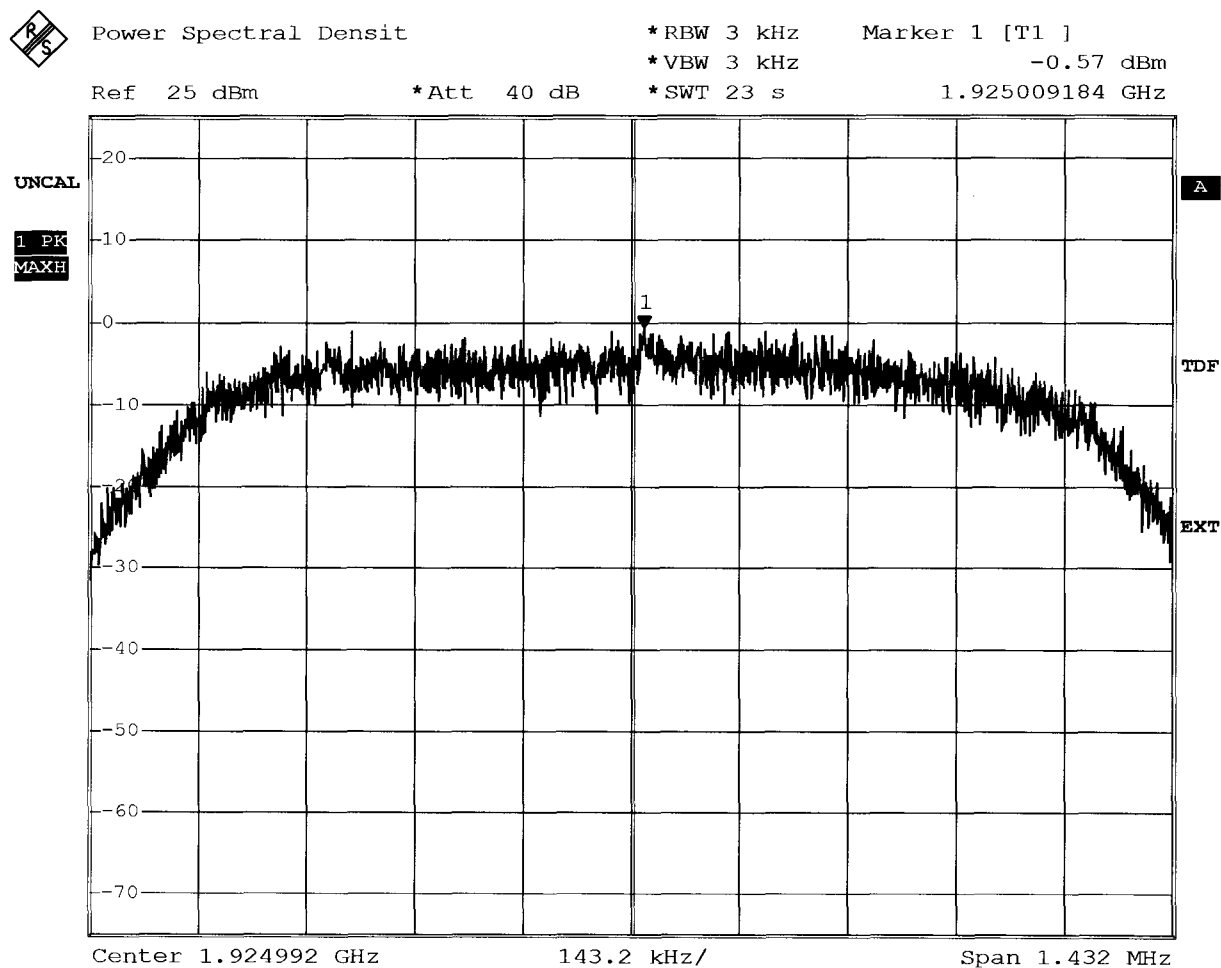
Measurement diagram

FCC Part 15.319(d) Power spectral density

UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX 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: 24.SEP.2005 14:27:30

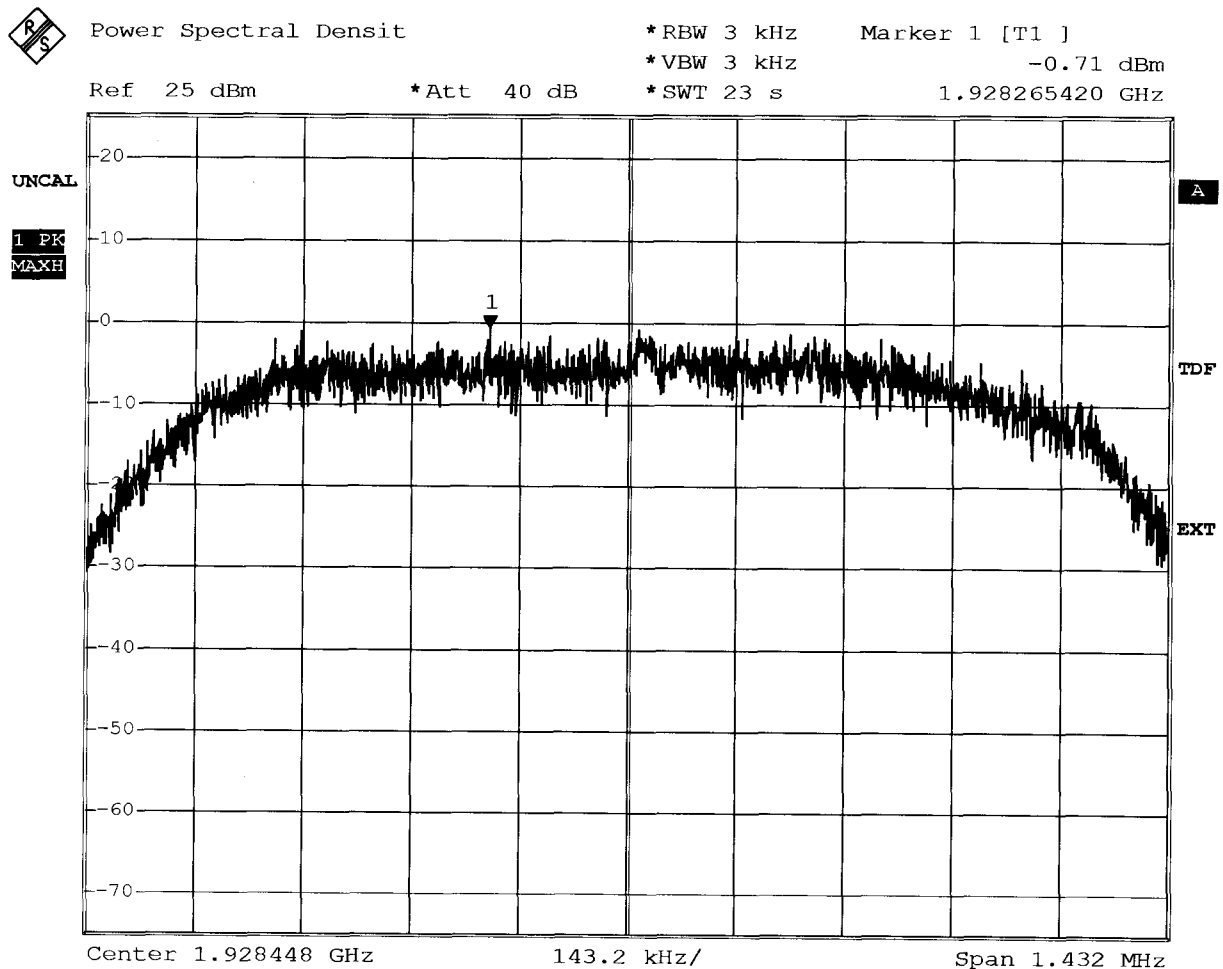
Measurement diagram

FCC Part 15.319(d) Power spectral density

UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX 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: 24.SEP.2005 14:30:17

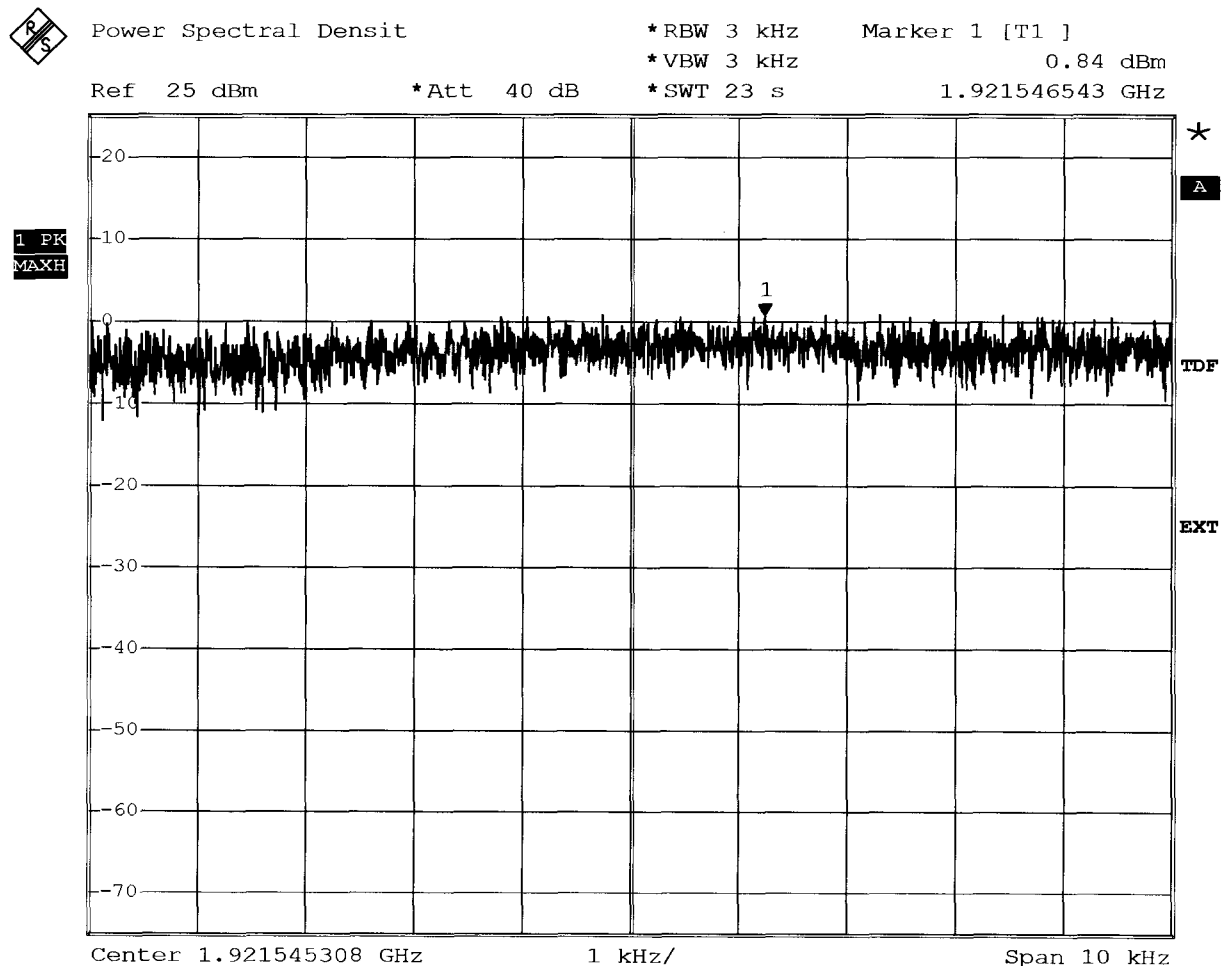
Measurement diagram

FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-1998 6.1.5
UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum	0.836 dBm
Value in mW	1.212mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.5
Date: 24.SEP.2005 14:25:31

Measurement diagram

FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-1998 6.1.5 UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum	1.342 dBm
Value in mW	1.362mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Power Spectral Densit

*RBW 3 kHz

Marker 1 [T1]

*VBW 3 kHz

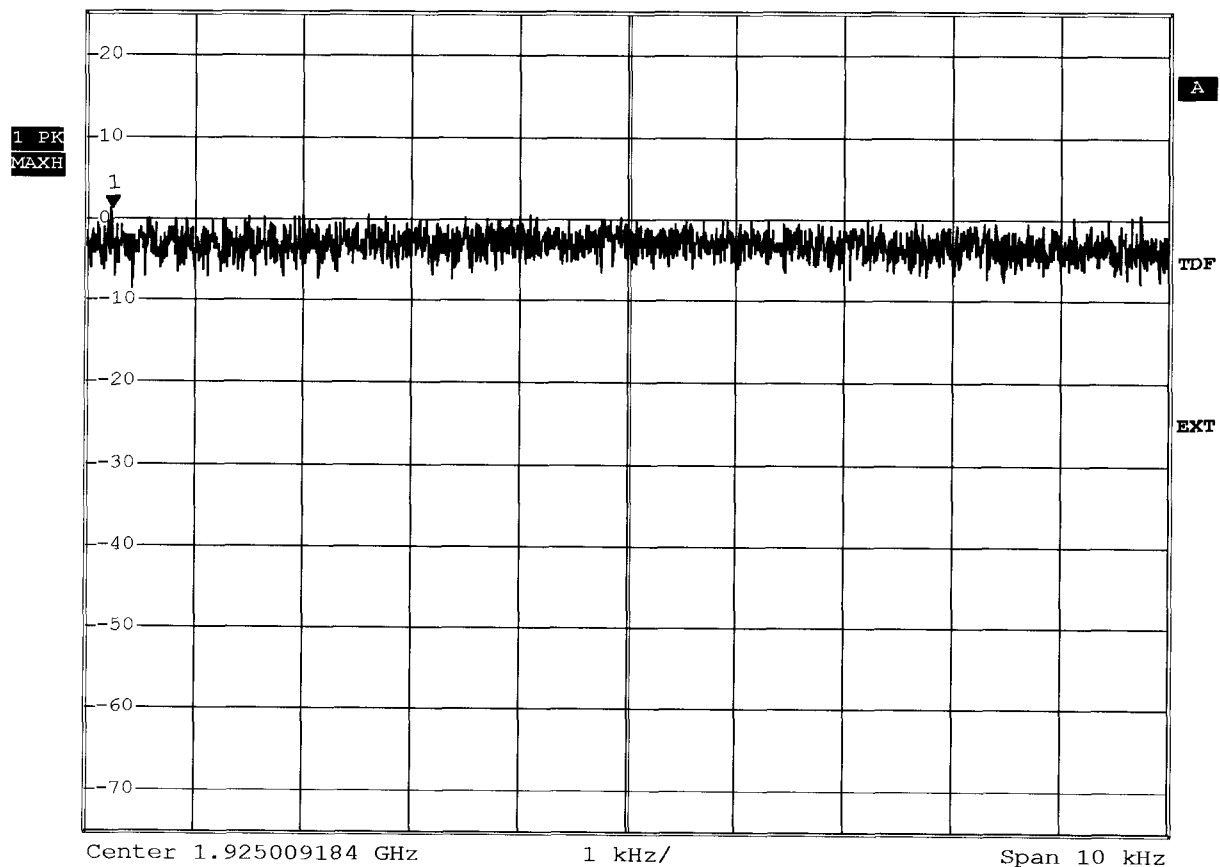
1.34 dBm

Ref 25 dBm

*Att 40 dB

*SWT 23 s

1.925004414 GHz



Comment: Ansi C63.17-1998 6.1.5

Date: 24.SEP.2005 14:28:23

Measurement diagram

FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-1998 6.1.5

UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density

Measured Maximum	-0.926 dBm
Value in mW	0.808mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Power Spectral Densit

*RBW 3 kHz

Marker 1 [T1]

*VBW 3 kHz

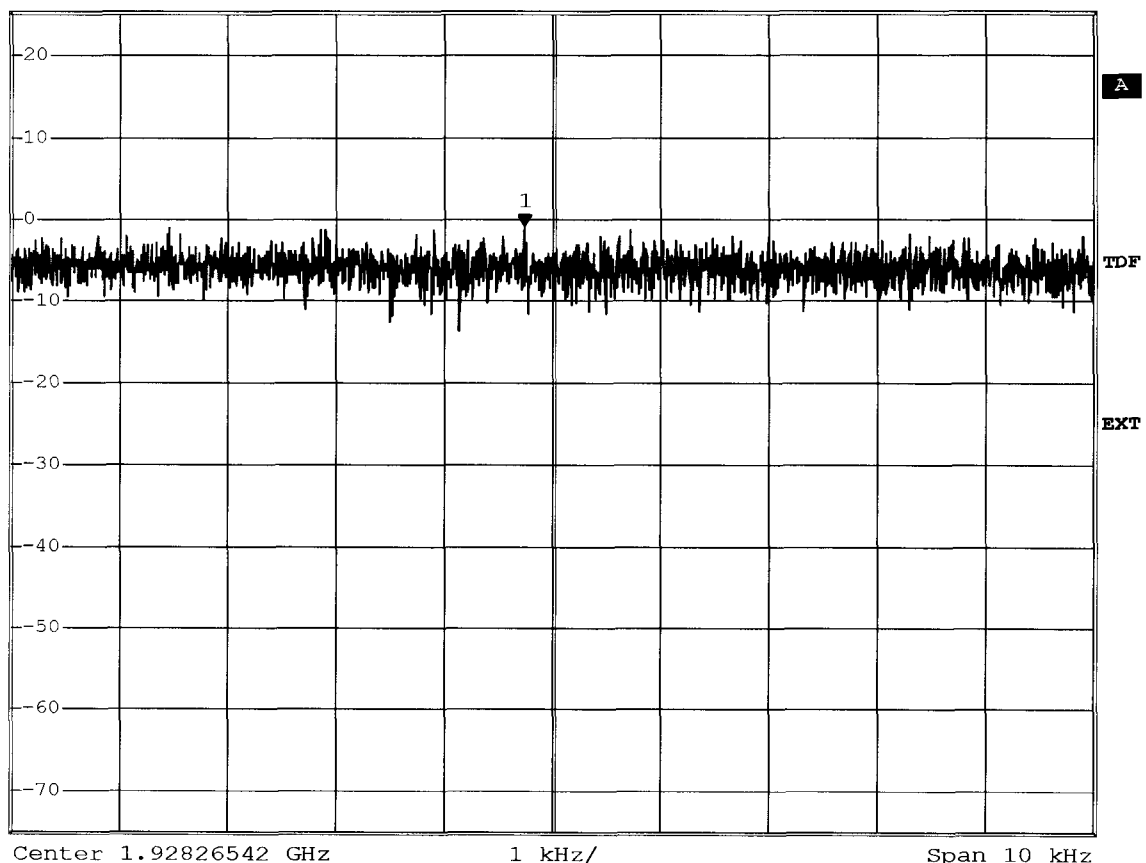
-0.93 dBm

Ref 25 dBm

*Att 40 dB

*SWT 23 s

1.928265155 GHz

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.5

Date: 24.SEP.2005 14:32:00

Measurement diagram

Appendix I

Directional gain of the antenna

Appendix J

Radio frequency radiation exposure

Appendix K

Monitoring threshold

Test case Rev. Draft 1.1 ANSI_7.3.1.1.1_lower_threshold.xml
 Date 29.09.2005 09:09:47
 Reference to the EUT G0M20509-9850 / GN9300
 Comment: initial setup
 GN9300 UPCS (Headset) (double slot)
 RTX 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	
00:01:06.4531250	-53,7 -77	-68,1 -87,1	-81 -90,6	-79,8 -91	-81,5 -90,8	All interferers off
00:01:13.0312500	-53,2 -72,9	-65,3 -74,7	-71,9 -75	-71,8 -74,8	-72,3 -74,9	-75dBm
00:01:48.4843750	-53,1 -73,4	-69,1 -75,7	-72,7 -75,9	-71,6 -75,8	-72,6 -75,8	-76dBm
00:02:18.0781250	-53,2 -73,8	-69,6 -76,6	-73,6 -76,9	-73,7 -76,8	-73,2 -76,8	-77dBm
00:02:26.8906250	-53,1 -74,4	-67,4 -77,6	-73,8 -77	-73,6 -77,8	-73,9 -77,8	-78dBm
00:02:51.1406250	-74,4 -78,7	-69 -78,5	-75,1 -78,9	-73,9 -78,7	-52,6 -74,3	-79dBm
00:03:02.3281250	-55,3 -78,1	-51,4 -77,4	-46,7 -76,1	-40,4 -65,2	-18 -34,6	Connection! -80 dBm

Log file

Appendix L

Monitoring of intended transmit window and maximum reaction time

Test case Rev. Draft 1.1 ANSI_7.5_reaction_time_low_ch.xml
 Date 29.09.2005 11:36:59
 Reference to the EUT G0M20509-9850 / GN9300
 Comment: 7.5_low_ch
 GN9300 UPCS (Headset) (double slot)
 RTX 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	
00:43:05.7031250	-82,6 -91,1	-80,4 -91,1	-52,3 -75,5	-82,7 -90,8	-80,7 -91	Interferer off, bearer on
00:43:16.8437500	-72,6 -86,7	-73,4 -76,8	-51,8 -73,3	-73,3 -77,1	-73,6 -77,2	35µs interferer is on
00:43:35.3750000	-72,9 -86,7	-73,1 -76,8	-51,6 -73,3	-73,4 -77,2	-73,4 -77,2	No connection
00:44:03.6250000	-81,7 -91,1	-81,8 -91	-52,1 -75,5	-81,7 -90,8	-80,4 -90,9	Interferer off, bearer on
00:44:10.0781250	-67,9 -83,4	-73,3 -76,9	-51,9 -73,4	-74 -77,2	-73,2 -77,2	50µs interferer is on
00:44:24.2968750	-68 -83,5	-73,4 -76,9	-51,5 -73,3	-73,5 -77,2	-73,6 -77,2	No connection
00:45:03.9062500	-82,3 -91	-81,4 -90,9	-52 -75,5	-82,3 -91	-82,1 -90,8	Interferer off, bearer on
00:45:11.2343750	-62,4 -77,3	-72,9 -76,9	-51,8 -73,3	-73,5 -77,1	-73,2 -77,1	75µs on symbol 0 is on
00:45:22.6250000	-62,8 -77,3	-73,4 -76,9	-51,8 -73,4	-73,5 -77,1	-73,7 -77,2	No connection
00:45:34.5937500	-81,1 -90,9	-80,5 -91	-52,3 -75,6	-79,3 -91	-79,7 -90,8	Interferer off, bearer on
00:46:10.4218750	-63,5 -77,5	-73,3 -76,8	-51,7 -73,4	-73,4 -77,2	-74,1 -77,2	75µs on symbol 180 is on

Log file



00:46:19.4218750	-63,5 -77,4	-73,5 -76,8	-52,1 -73,5	-72,8 -77,1	-73,6 -77,2	No connection
00:47:35.5625000	-80,4 -90,9	-81 -91	-52,5 -75,8	-81,6 -90,8	-81,5 -91,1	Interferer off, bearer on
00:47:46.1250000	-62,7 -77,1	-73 -76,8	-51,9 -73,5	-72,8 -77,1	-73,6 -77,3	75µs on symbol 360 is on
00:47:59.4218750	-62,9 -77,1	-73,6 -76,8	-51,6 -73,3	-73,6 -77,2	-72,9 -77,2	No connection

Log file

Test case Rev. Draft 1.1 ANSI_7.5_reaction_time_mid_ch.xml
 Date 29.09.2005 11:47:49
 Reference to the EUT G0M20509-9850 / GN9300
 Comment: 7.5_mid_ch
 GN9300 UPCS (Headset) (double slot)
 RTX 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	
00:54:38.6406250	-82,2 -90,9	-81,5 -90,8	-51,9 -73	-80,9 -90,6	-82 -90,9	Interferer off, bearer on
00:54:47.0625000	-73,5 -77,1	-73,7 -77,7	-51,7 -75,7	-73,7 -77,1	-73,7 -77,1	35µs interferer is on
00:55:05.2343750	-73,7 -77,1	-74,2 -77,6	-51,9 -75,6	-73,6 -77,2	-73,7 -77,2	No connection
00:55:28.6562500	-81,5 -91	-80,9 -90,8	-52,5 -75,8	-81,7 -90,9	-81,2 -90,9	Interferer off, bearer on
00:55:34.5937500	-73,3 -77,2	-73,7 -77,7	-51,9 -75,6	-73,4 -77,1	-73,8 -77,2	50µs interferer is on
00:55:56.9375000	-73,8 -77,2	-73,8 -77,7	-52 -75,7	-73,9 -77,1	-73,3 -77,2	No connection
00:56:22.0468750	-81 -91	-81,4 -91	-52,2 -75,5	-82,3 -91,1	-81,5 -90,9	Interferer off, bearer on
00:56:26.9843750	-73,8 -77,2	-74 -77,7	-50,7 -73,7	-73,5 -77	-73,6 -77,2	75µs on symbol 0 is on
00:57:18.0781250	-73,5 -77,2	-73,4 -77,7	-51,7 -74,2	-73,6 -77,1	-73,7 -77,2	No connection
00:57:46.0156250	-81,7 -90,9	-81,5 -91,2	-51,6 -75,2	-81,7 -90,8	-81,4 -90,9	Interferer off, bearer on
00:57:51.5468750	-73,2 -77,2	-73,5 -77,6	-51,9 -74,1	-73,6 -77,1	-73,4 -77,1	75µs on symbol 180 is on

Log file



00:58:09.9218750	-74,1 -77,1	-74 -77,6	-51,4 -73,8	-73,9 -77,2	-73,4 -77,3	No connection
00:58:31.9375000	-81,8 -91	-82,2 -90,8	-51,5 -75,1	-81,3 -91,1	-81,7 -90,8	Interferer off, bearer on
00:58:38.5156250	-73,2 -77,1	-74,3 -77,6	-51,8 -74	-73,5 -77,1	-73,4 -77,2	75µs on symbol 360 is on
00:59:07.7031250	-73,8 -77,1	-73,9 -77,6	-51,4 -73,8	-73,5 -77,1	-73,1 -77,2	No connection

 Log file

Test case

Rev. Draft 1.1 ANSI_7.5_reaction_time_high_ch.xml

Date 29.09.2005 11:14:57

Reference to the EUT

G0M20509-9850 / GN9300

Comment:

7.5_high_ch

GN9300 UPCS (Headset) (double slot)

RTX 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	
00:22:32.1562500	-81,4 -91	-81,6 -90,9	-82,1 -90,9	-81 -91	-52,3 -75,6	50µs interferer is off
00:22:42.3593750	-73,1 -77,1	-73,8 -77,6	-73,3 -77,4	-73,5 -77,3	-52,2 -75,5	interferer is on
00:23:04.2343750	-73,5 -77,2	-73,8 -77,6	-73,7 -77,2	-74 -77,4	-52,2 -75,4	no connection
00:23:30.7031250	-81,8 -91,2	-81,6 -91,1	-81,9 -91	-81,3 -91	-52,2 -75,5	35µs interferer is off
00:23:36.9375000	-73,7 -77,2	-73,7 -77,6	-73,4 -77,3	-73,7 -77,3	-52,2 -75,7	interferer is on
00:24:02.2812500	-74,1 -77,2	-73,8 -77,6	-73,4 -77,3	-74 -77,3	-51,1 -75,1	no connection
00:24:29.2031250	-82,4 -90,9	-82,2 -91	-81,7 -90,9	-80,7 -90,9	-52,5 -75,7	75µs on symbol 0 is off
00:24:42.8125000	-74,1 -77,1	-74,2 -77,7	-74 -77,5	-73,6 -77,2	-51,6 -73	interferer is on no connection
00:25:18.4687500	-82,1 -90,8	-82,2 -90,8	-81,8 -91	-80,4 -90,8	-52,5 -75,8	75µs on symbol 180 is off
00:25:28.5625000	-73,5 -77,2	-73,9 -77,7	-73,9 -77,5	-73,8 -77,1	-52,4 -72,8	interferer is on no connection
00:26:08.2187500	-81,2 -91	-82,1 -90,9	-82,1 -91	-82 -90,9	-52,4 -75,7	75µs on symbol 360 is off
00:26:33.2968750	-73,3 -77,1	-73,7 -77,6	-73,6 -77,5	-73,4 -77,1	-52,3 -73	interferer is

Log file



						on no connection
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Log file

Appendix M

Monitoring band width

Test case

Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth.xml

Date 29.09.2005 10:54:26

Reference to the EUT

GOM20509-9850 / GN9300

Comment:

7.4.1 simple compliance

GN9300 UPCS (Headset) (double slot)

RTX Telecom A/S

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

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:00:49.8593750	-82,2 -91,1	-80,2 -90,9	-52 -75,5	-81,5 -91	-81,6 -90,8	Interferer off, bearer on
00:00:59.4375000	-81,2 -90,9	-73,6 -76,8	-51,9 -73,4	-73,3 -77,1	-73,7 -77,2	Low channel +30%
00:01:34.6718750	-81,9 -91	-73,6 -76,9	-51,4 -73,1	-73,9 -77,2	-73,4 -77,2	No connection
00:02:01.1093750	-81,5 -90,9	-81 -91	-52,2 -75,7	-82,1 -91,1	-81,3 -90,8	Interferer off, bearer on
00:02:07.1093750	-80,7 -90,9	-73,4 -76,8	-52,1 -73,5	-73,9 -77,2	-73,3 -77,2	Low channel - 30%
00:02:26.0312500	-82,1 -90,9	-73,5 -76,9	-52,1 -73,6	-73,8 -77,1	-73,8 -77,2	No connection
00:03:14.2968750	-81,4 -90,8	-80,6 -90,8	-52,7 -76,1	-81,8 -90,8	-81,8 -90,9	Interferer off, bearer on
00:03:19.2968750	-73,7 -77,2	-73,8 -77,7	-52,6 -76	-73,7 -77,1	-73,6 -77,2	Mid channel +30%
00:03:34.4531250	-73,5 -77,1	-74,1 -77,7	-52,7 -76,1	-73,9 -77,1	-73,7 -77,1	No connection
00:03:48.5000000	-81,4 -91	-81 -90,8	-52,9 -76,2	-82,3 -90,9	-81,2 -90,9	Interferer off, bearer on
00:03:56.4531250	-74,1 -78,4	-74,4 -77,6	-52,6 -76,1	-74 -77,1	-73,8 -77,2	Mid channel -30%
00:04:21.5937500	-74,4 -78,5	-73,9 -77,6	-52,6 -75,9	-72,1 -77,1	-73,3 -77,2	No connection

Log file

00:04:38.4218750	-81,4 -90,9	-80,1 -91,1	-52,7 -76,1	-81,6 -91	-81,6 -91	Interferer off, bearer on
00:04:52.7968750	-74,1 -78,5	-73,8 -77,6	-52,7 -76	-73,1 -77,2	-81,3 -90,1	High channel +30%
00:05:02.8125000	-73,7 -77,1	-73,6 -77,6	-52,5 -73,7	-73,7 -77,3	-82,1 -91	No connection
00:05:07.2187500	-81,4 -90,9	-81 -90,8	-52,5 -76	-81,1 -90,9	-80,3 -90,9	Interferer off, bearer on
00:05:25.9531250	-73,3 -77,1	-73,9 -77,6	-52,3 -73,9	-73,6 -77,5	-81 -91	High channel - 30%
00:05:46.5312500	-80,4 -90,8	-81,6 -91	-52,5 -76	-81,2 -90,9	-81,4 -91	No connection

Log file

Appendix N

Random waiting interval

Appendix O

Duration of Transmission

Test case Rev. Draft 1.1 ANSI_8.2.2. _Transmission_duration_PP
 Date 29.09.2005 19:30:07
 Reference to the EUT G0M20509-9850 / GN9300
 Comment: initial setup
 GN9300 UPCS (Headset) (double slot)
 RTX 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	
00:04:27.4843750	-17 -34,3	-40,9 -70,1	-47,9 -79,2	-52,9 -83,8	-57,9 -86	
00:13:45.0156250	-16,9 -34,4	-41,3 -70	-46,8 -76,2	-40,4 -64,6	-17,7 -34,9	
00:13:45.1093750	-54,7 -77,8	-50,5 -82,1	-46,8 -79	-40,2 -64,8	-17,1 -34,4	
00:23:45.1875000	-16,4 -34	-41,4 -69,9	-46,7 -76,3	-40,5 -64,8	-58,7 -82	
00:33:45.2656250	-17,7 -34,9	-40,1 -63,6	-17,5 -34,3	-41,3 -69,5	-47,8 -79,1	
00:33:45.3593750	-46,6 -78,1	-39,7 -64,8	-17,5 -34,9	-41,2 -69,7	-47,8 -79,8	

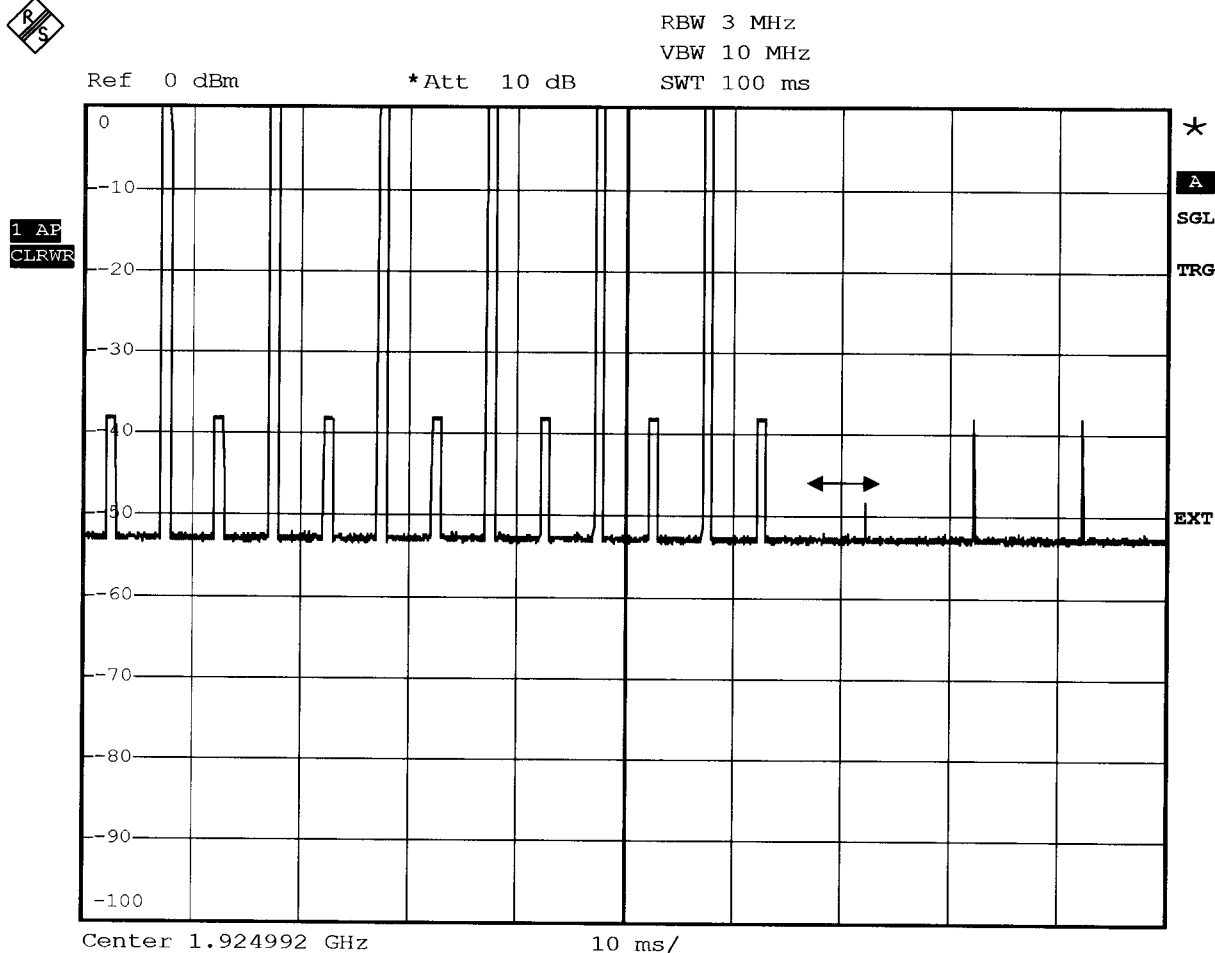
Log file

Appendix P

Connection acknowledgement

ANSI_8.1.3_Unacknowledged transmissions
UPCS1900

EUT	US-DECT
Model	GN9300 UPCS (Headset) (double slot)
Applicant	RTX
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	The transmit time without acknowledgment is 5 msec
Comment 2	limit: 1 s
Comment 3	verdict pass



Comment: ANSI C63.17-1998

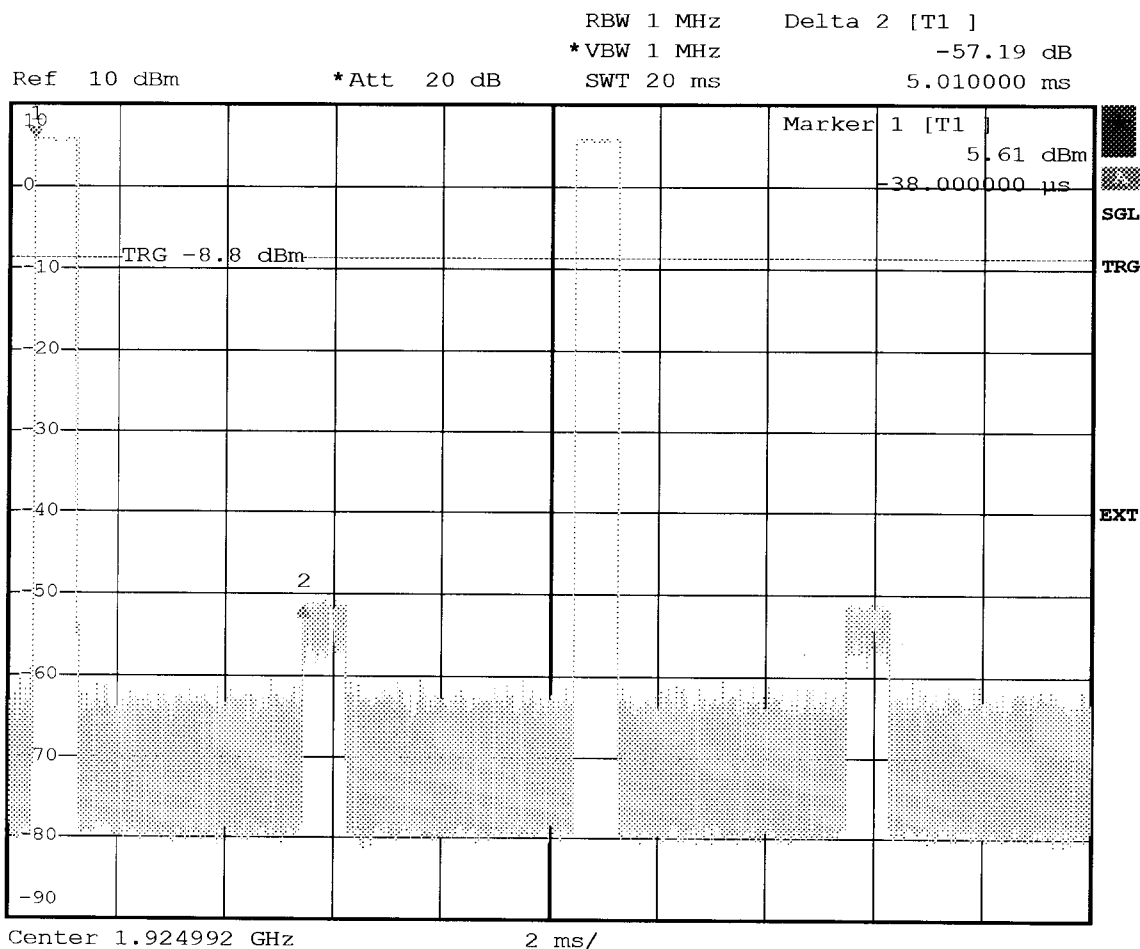
Date: 26.AUG.2005 14:23:03

Measurement diagram

ANSI 8.2.1 Acknowledgments

1 sec. criteria

EUT	GN9300
Model	GN9300 UPCS (Headset) (double slot)
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	The transmit time without acknowledgment is 5 msec.
Comment 2	limit 1 se.
Comment 3	verdict pass



Comment: ANSI C63.17-1998

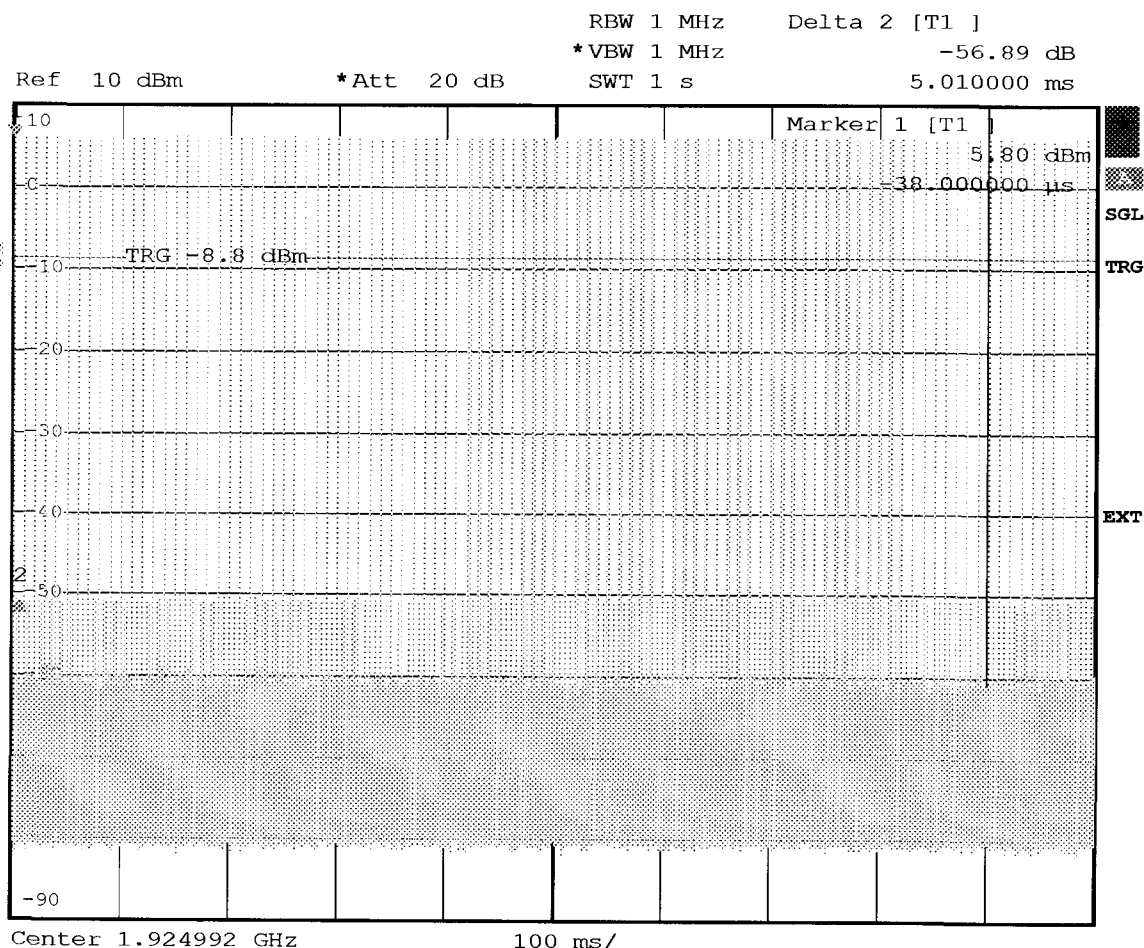
Date: 26.AUG.2005 18:00:58

Measurement diagram

ANSI 8.2.1 Acknowledgments

1 sec. criteria

EUT	GN9300
Model	GN9300 UPCS (Headset) (double slot)
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	The transmit time without acknowledgment is 5 msec.
Comment 2	limit 1 se.
Comment 3	verdict pass



Comment: ANSI C63.17-1998

Date: 26.AUG.2005 18:02:59

Measurement diagram

Test case

Rev. Draft 1.1 ANSI_8.2.1_Acknowledgments_30s

Date 29.09.2005 16:58:29

Reference to the EUT

G0M20509-9850 / GN9300

Comment:

8.2.1 Acknowledgments (30 sec. limit)

GN9300 UPCS (Headset) (double slot)

RTX 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	
00:01:50.6875000	-46,6 -78,6	-39,9 -64,7	-16,8 -32,2	-41,3 -69,6	-47,8 -79,6	Connection channel 2
00:01:52.5468750	-46,6 -78,8	-40 -64,1	-16,8 -34,1	-41,4 -66,9	-47,8 -79,6	Turn off the companion device
00:01:52.6406250	-46,6 -78,8	-45,2 -65,5	-17,2 -34,3	-41,2 -69,1	-47,8 -77,2	
00:01:52.7343750	-46,5 -78,7	-40 -64,9	-17,8 -34,6	-41,1 -64,2	-47,9 -79,7	
00:01:52.8125000	-46,4 -78,5	-39,7 -64,7	-17,7 -34,9	-41,4 -69,2	-47,7 -79,6	
00:01:53.0937500	-46,6 -78,8	-16,8 -34	-17,7 -34,2	-41,3 -69,7	-47,7 -79,6	
00:01:53.1718750	-46,6 -78,8	-40,1 -62,1	-17,7 -34,8	-41,3 -69,2	-48,4 -80,1	
00:01:53.2656250	-46,8 -78,9	-39,8 -64,8	-17,7 -34,7	-41,2 -69,5	-47,8 -79,6	
00:01:53.7031250	-16,9 -34	-40,1 -64,4	-17 -31,4	-41,3 -69,5	-47,7 -79,7	
00:01:53.7968750	-40 -64,5	-40 -64,5	-17,6 -34,5	-41,4 -69	-47,9 -78,8	
00:01:53.8906250	-46,8 -78,9	-40,1 -64,8	-17,1 -34,2	-41,4 -69,4	-47,7 -79,6	
00:01:54.2343750	-46,6 -78,8	-39,9 -65,1	-17,9 -34,2	-41,3 -69,3	-47,6 -79,5	
00:01:54.5937500	-46,6 -78,8	-40 -64,3	-17 -34	-41,4 -70,2	-47,9 -79,6	
00:01:54.6875000	-46,7 -78,9	-40,2 -64,9	-16,7 -35	-41,3 -69,6	-47,6 -79,5	
00:01:55.7500000	-46,8 -78,9	-41,1 -64,5	-17,6 -34,4	-41,3 -66,8	-48 -79,8	

Log file

00:01:55.8281250	-46,6 -78,7	-39,7 -64,2	-17,2 -34,6	-41,3 -69,7	-48 -80	
00:01:55.9218750	-46,9 -77,7	-40,1 -64,2	-17,2 -34,4	-41,3 -70,4	-47,9 -79,7	
00:01:56.0156250	-47,1 -79,1	-39,8 -64,6	-17,7 -33,9	-41,2 -69,8	-47,8 -79,7	
00:01:56.1875000	-46,6 -78,9	-39,9 -64,8	-17,7 -34,4	-41,3 -69,6	-47,9 -79,9	
00:01:56.2812500	-46,7 -76,3	-40,1 -64,7	-17,4 -34,1	-41,2 -69,8	-47,8 -79,7	
00:01:56.3750000	-46,9 -78,9	-39,9 -64	-17,9 -34,8	-41,4 -70	-47,8 -79,8	
00:01:56.4687500	-46,6 -78,7	-44,9 -64,8	-17,4 -34,8	-41,3 -69,4	-47,7 -79,6	
00:01:56.5468750	-46,5 -78,7	-39,8 -64,9	-17,4 -34,4	-41,1 -70	-47,8 -79,6	
00:01:57.1718750	-46,7 -78,9	-39,7 -65,3	-17,8 -34,3	-41,3 -69,5	-47,8 -79,7	
00:01:57.6250000	-46,7 -78,2	-81 -90,9	-82 -90,8	-80,6 -90,8	-81,5 -90,8	Tx off after 5.1 sec.
00:01:57.7343750	-81,2 -90,9	-82,3 -91	-80,7 -90,8	-81,2 -90,9	-82,2 -91,1	

Log file

Appendix Q

Selected channel confirmation, power accuracy, segment occupancy

Test case
confirmation

Rev. Draft 1.1 ANSI_7.3.1.2_selected channel

Reference to the EUT

Date 29.09.2005 16:18:08
G0M20509-9850 / GN9300

Comment:

initial setup

GN9300 UPCS (Headset) (double slot)
RTX 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 (f1)	1928.448 MHz (f2)	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:01:22.7656250	-81,8 -90,8	-81,6 -90,8	-81,9 -90,9	-81,4 -90,6	-46,1 -69,6	Interference off
00:01:45.8281250	-56,8 -57,2	-56,8 -57,3	-56,9 -57,4	-69,2 -71,2	-59,6 -82,4	Interference on
00:02:26.0781250	-56,9 -57,4	-57 -57,4	-57 -57,5	-69,2 -71,3	-46,6 -70,1	Switch of f2
00:02:36.5312500	-56,5 -57,4	-51,1 -57,4	-46,1 -57,5	-39,7 -64,4	-17,6 -34,5	Connection on f2
00:03:08.5781250	-56,6 -57,3	-56,9 -57,4	-57 -57,5	-69,3 -71,3	-45,8 -63,5	F2 switch on, no connection

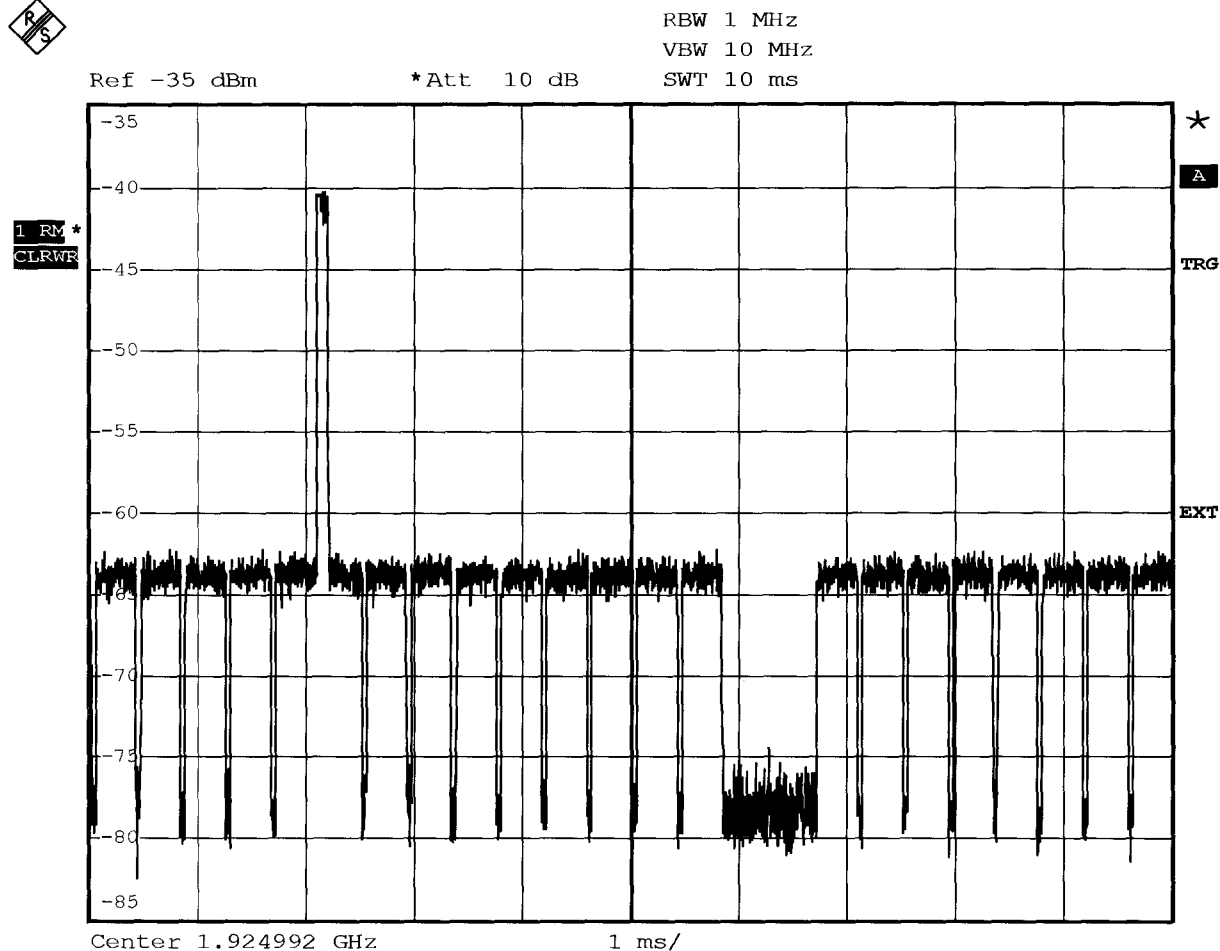
Log file

Appendix R

Duplex connections

ANSI 8.2.3 Duplex connections**Rx slot:l.c.t.+6dB, Tx slot:l.c.t.+6 dB**

EUT	US-DECT
Model	GN9300 UPCS (Headset) (double slot)
Applicant	RTX
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	Tx time slot 3/4 is interference free
Comment 2	no connection
Comment 3	Verdict : PASS



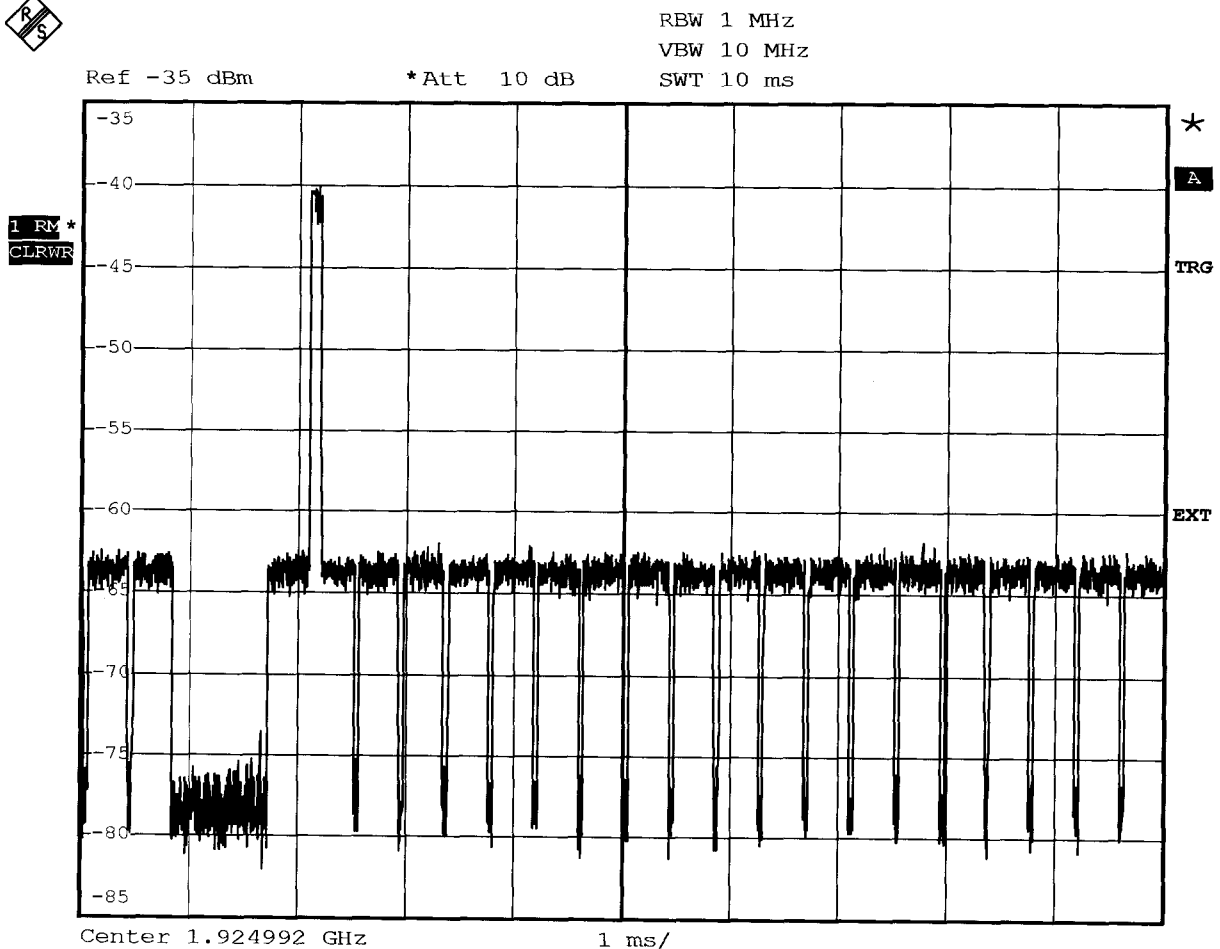
Comment: ANSI C63.17-1998

Date: 26.AUG.2005 15:04:36

Measurement diagram

ANSI 8.2.3 Duplex connections**Rx slot:l.c.t.+6dB, Tx slot:l.c.t.+6 dB**

EUT	US-DECT
Model	GN9300 UPCS (Headset) (double slot)
Applicant	RTX
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	Rx time slot 3/4 is interference free
Comment 2	no connection
Comment 3	Verdict : PASS



Comment: ANSI C63.17-1998

Date: 26.AUG.2005 15:03:07

Measurement diagram