

Appendix B

Coordination with fixed microwave service

Appendix C

Reference to Subpart B

Appendix D

Conducted limits AC Power line

Appendix E

Emission bandwidth

FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3

UPCS

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth

Measured Bandwidth	Emission Bandwidth = 1.68MHz
Max. Permitted Power	Limit = 2.5 MHz

Test result	Verdict = PASS
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Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]

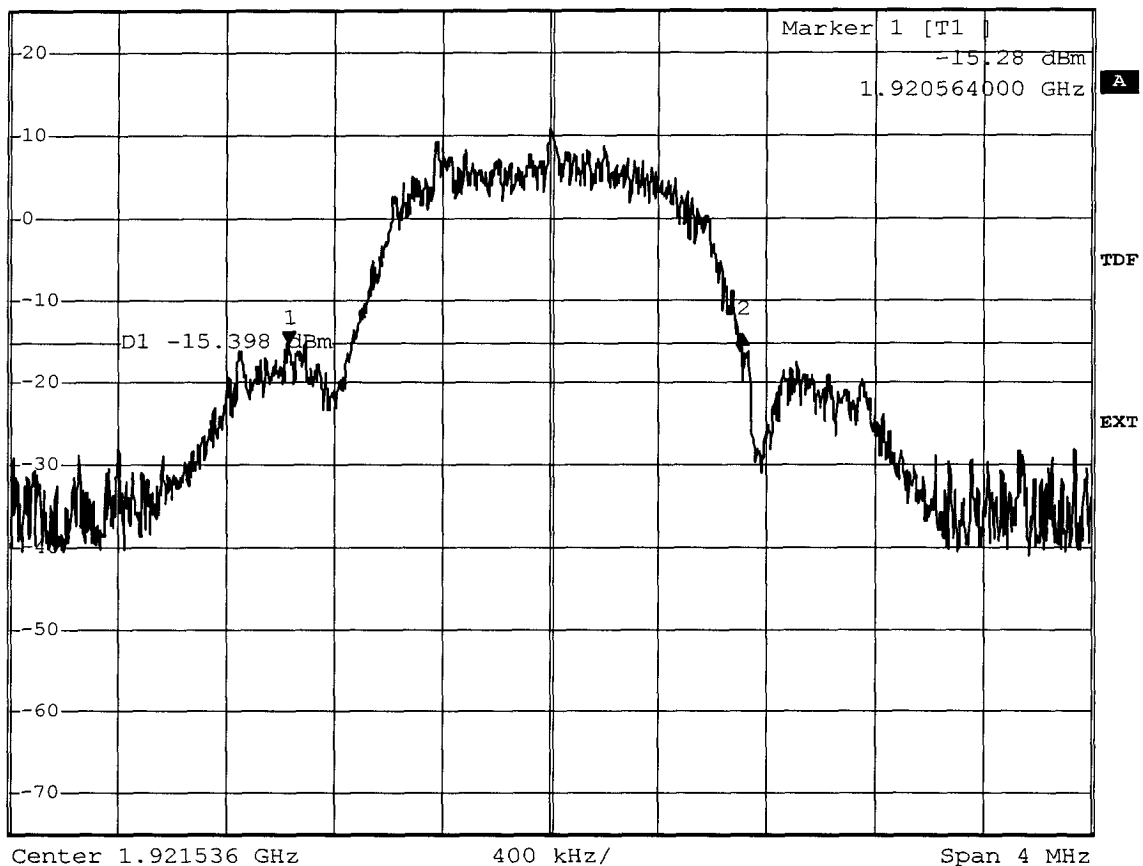
*VBW 30 kHz 1.04 dB

Ref 25 dBm

*Att 40 dB

SWT 40 ms

1.680000000 MHz

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.3

Date: 13.JUN.2006 14:17:18

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 : 1921.028MHz
Higher frequency : 1922.002MHz

-12 dB points

Lower frequency : 1920.942MHz
Higher frequency : 1922.128MHz

Measurement diagram

FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3

UPCS

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth

Measured Bandwidth	Emission Bandwidth = 1.642MHz
Max. Permitted Power	Limit = 2.5 MHz

Test result	Verdict = PASS
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Emission Bandwidth

*RBW 10 kHz Delta 2 [T1]

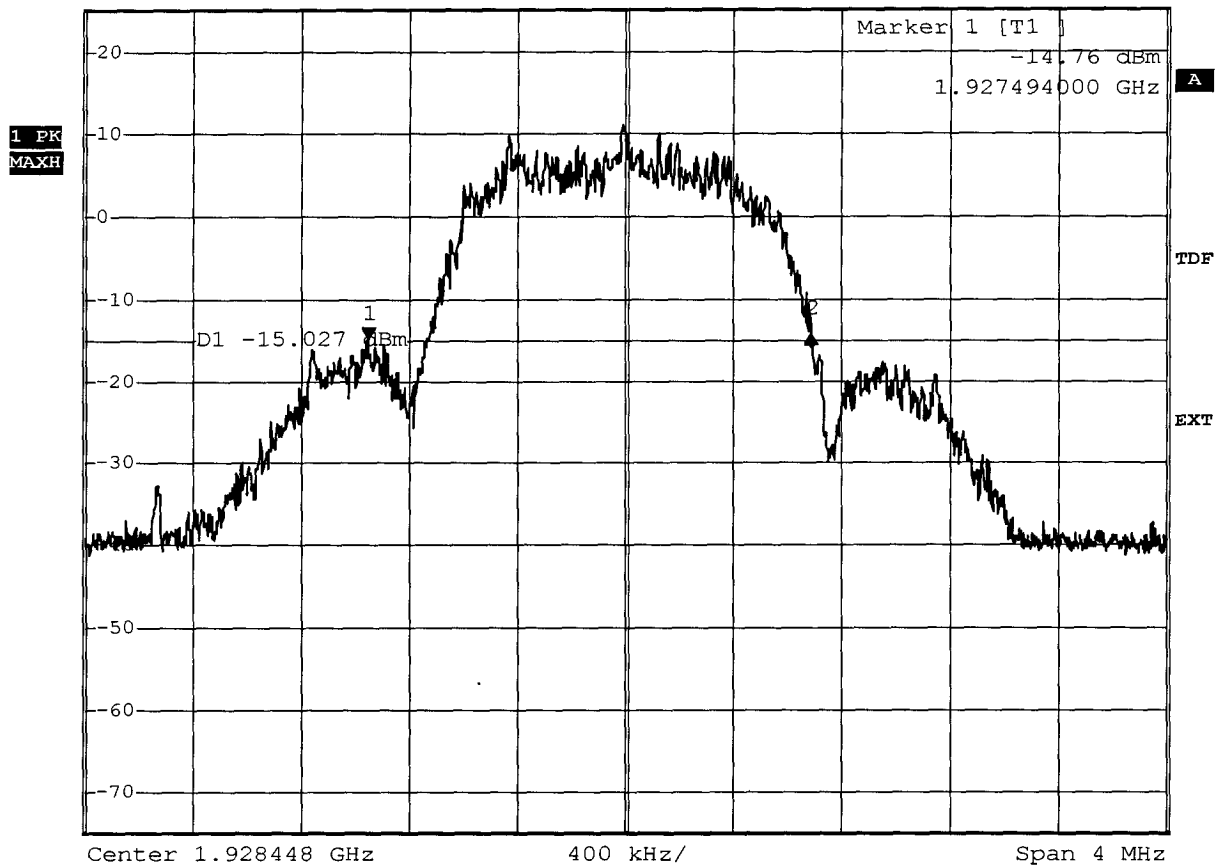
*VBW 30 kHz 0.54 dB

Ref 25 dBm

*Att 40 dB

SWT 40 ms

1.642000000 MHz



Comment: Ansi C63.17-1998 6.1.3

Date: 13.JUN.2006 14:22:28

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	: 1927.968MHz
Higher frequency	: 1928.84MHz

-12 dB points

Lower frequency	: 1927.84MHz
Higher frequency	: 1929.026MHz

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	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	
Measured Bandwidth	1.642MHz
Max. Permitted Power	21,07 dBm
Measured Power	19,24 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

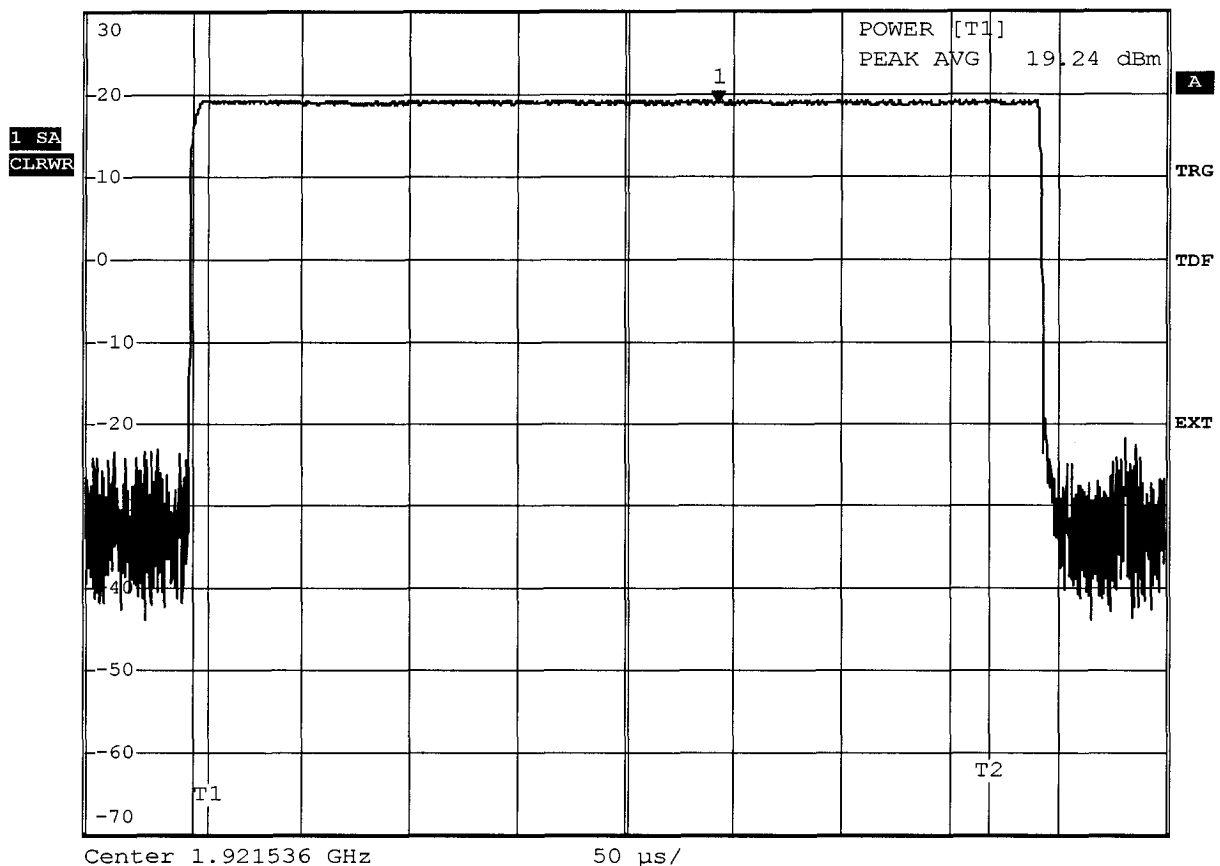
18.89 dBm

Ref 30 dBm

*Att 40 dB

SWT 500 µs

243.000000 µs



Comment: Ansi C63.17-1998 6.1.2

Date: 13.JUN.2006 14:27:03

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2 UPCS

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Supply	
Measured Bandwidth	1.642MHz
Max. Permitted Power	21,07 dBm
Measured Power	19,22 dBm
Test result	Verdict = PASS



Peak transmit power

RBW 3 MHz

Marker 1 [T1]

*VBW 10 MHz

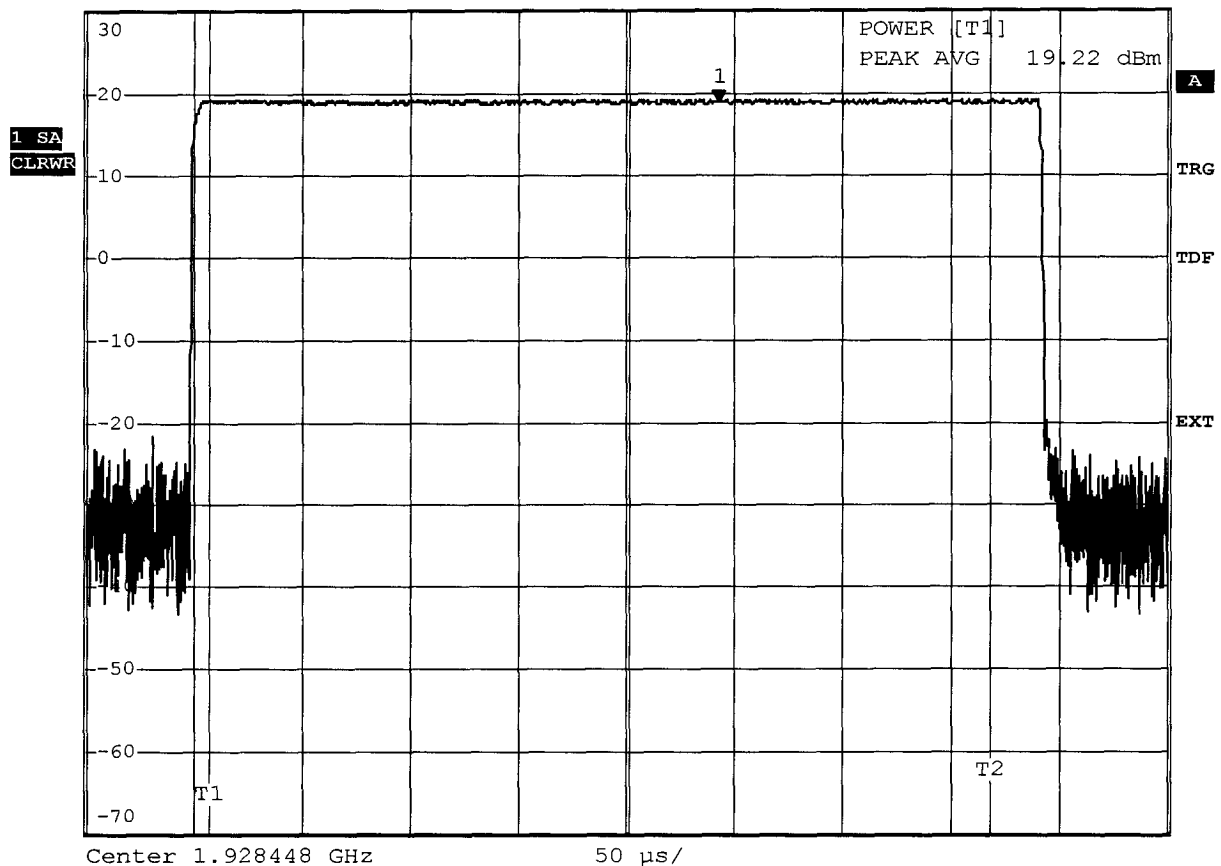
18.89 dBm

Ref 30 dBm

*Att 40 dB

SWT 500 µs

243.000000 µs



Comment: Ansi C63.17-1998 6.1.2

Date: 13.JUN.2006 14:25:51

Measurement diagram

Appendix G

Power spectral density

FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-2006 6.1.5

UPCS

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
Peak Frequency in MHz	1921,538000 MHz
Total pulse energy in mW	0,000266 mW
Wideband pulse duration in ms	0,392750 ms
PSD in mW	0,6770 mW
PSD in dBm	-1,6938 dBm

Pass criteria: PSD is less than 3mW Verdict = PASS



Power Spectral Densit

RBW 3 kHz

Marker 1 [T1]

*VBW 10 kHz

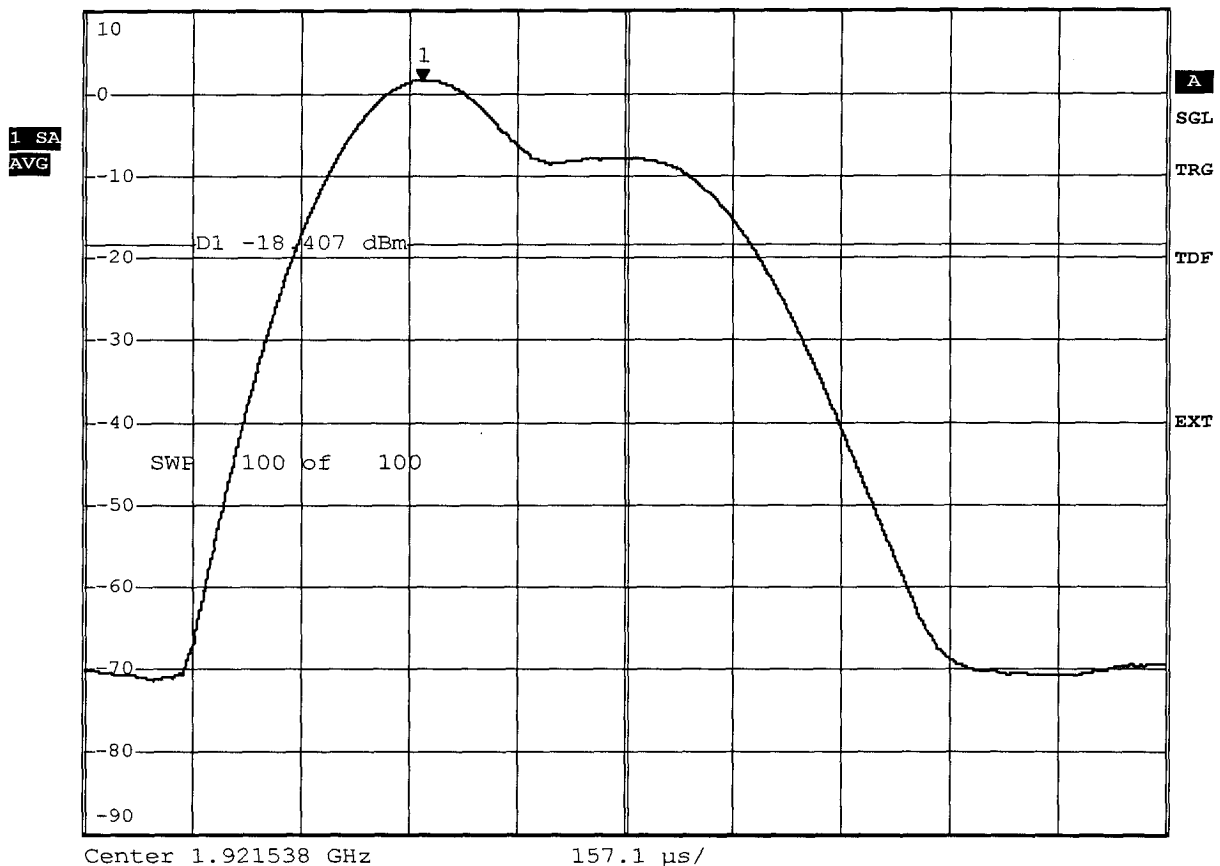
1.59 dBm

Ref 10 dBm

*Att 30 dB

SWT 1.571 ms

490.152000 µs



Comment: Ansi C63.17-2006 6.1.5

Date: 13.JUN.2006 14:19:49

Measurement diagram

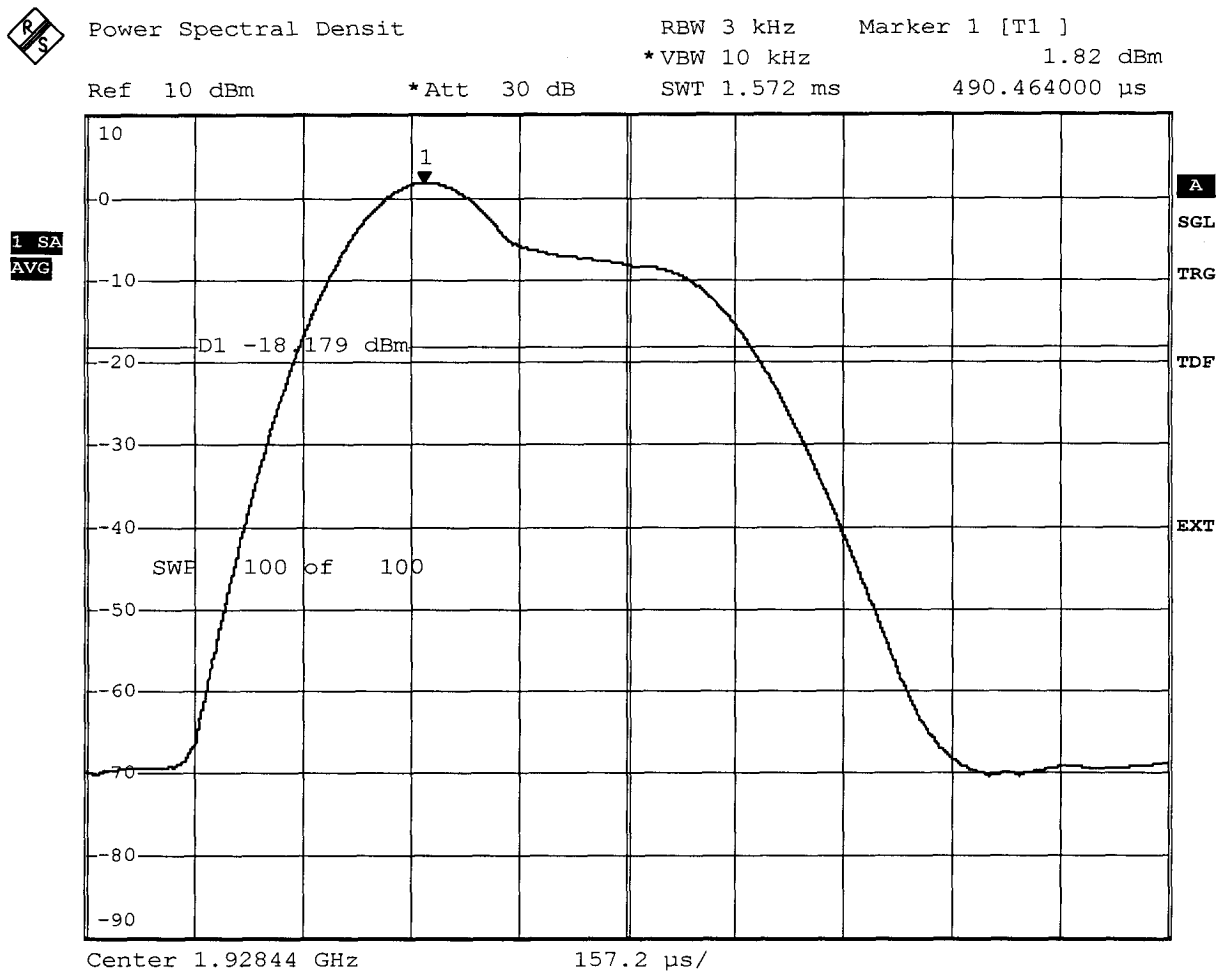
FCC Part 15.319(d) Power spectral density

Testprocedure ANSI 63.17-2006 6.1.5

UPCS

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
Peak Frequency in MHz	1928,440000 MHz
Total pulse energy in mW	0,000281 mW
Wideband pulse duration in ms	0,393000 ms
PSD in mW	0,7151 mW
PSD in dBm	-1,4564 dBm

Pass criteria: PSD is less than 3mW Verdict = PASS



Comment: Ansi C63.17-2006 6.1.5
Date: 13.JUN.2006 14:24:17

Measurement diagram

Appendix H

Directional gain of the antenna

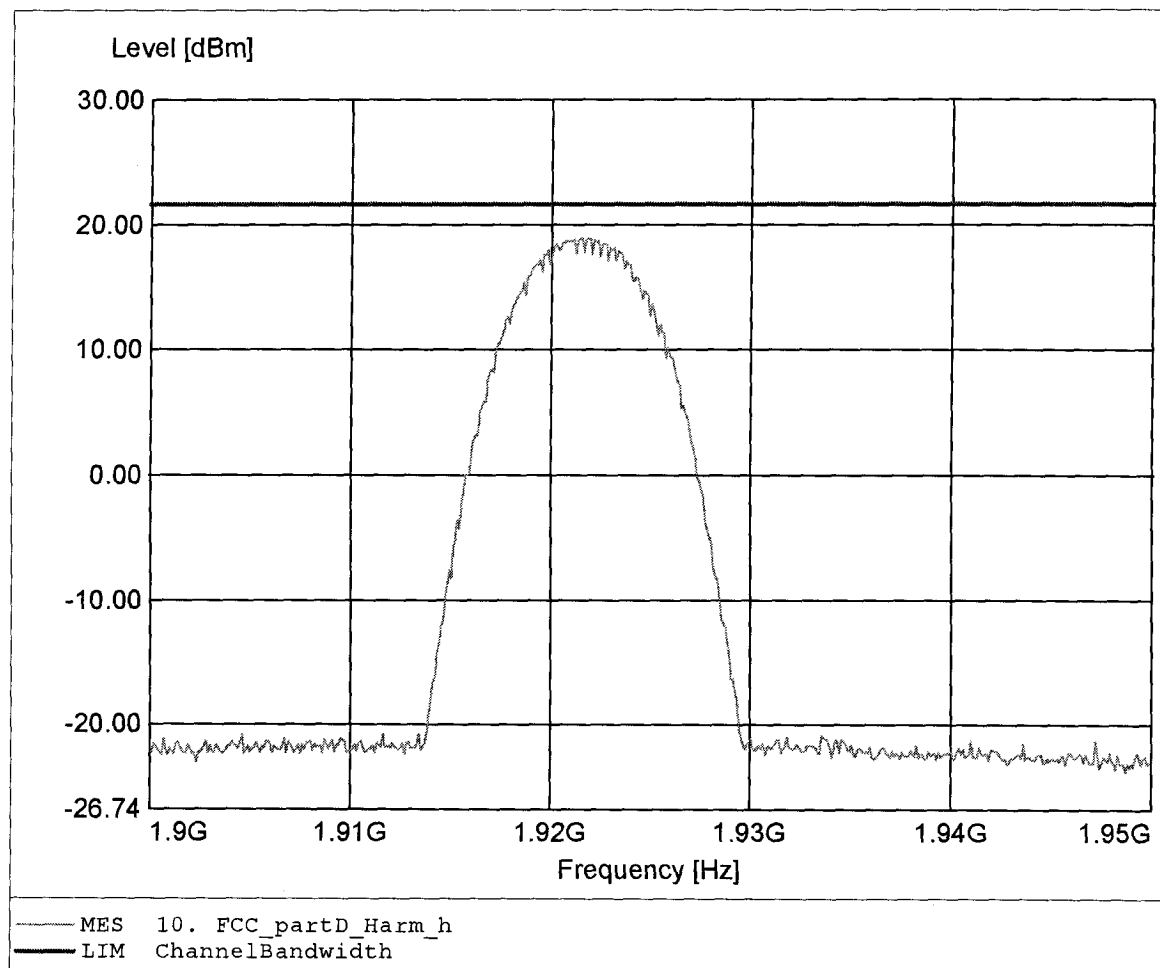
Appendix I

Radio frequency radiation exposure

Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

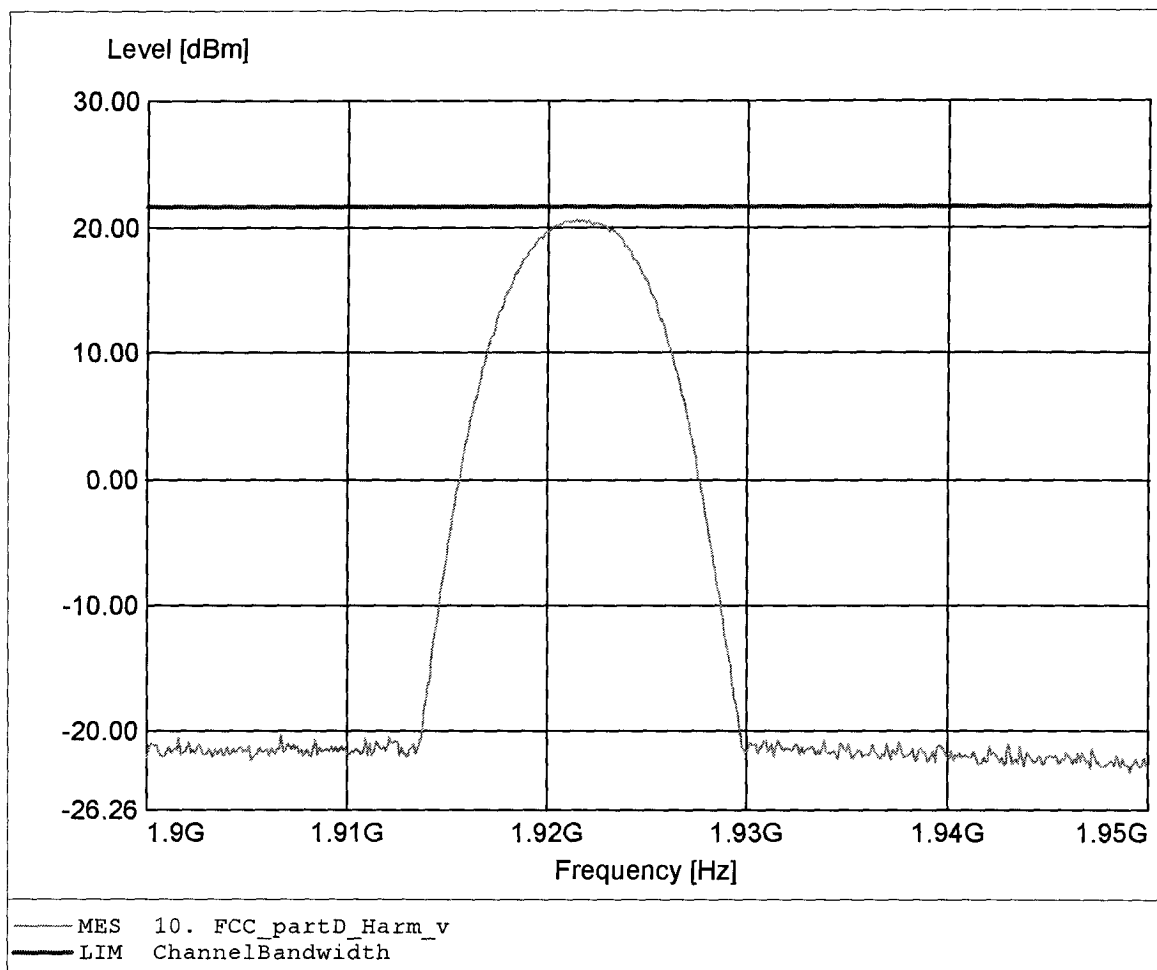
Approval Holder: TELEDEX LLC
EUT: CORDLESS TELEPHONE
Model / Channel: DCT2910 PORTABLE PART / 4
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom: 3.60 V DC (battery)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,
Comment 2: Freq:1.922GHz Pmax:18.93dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

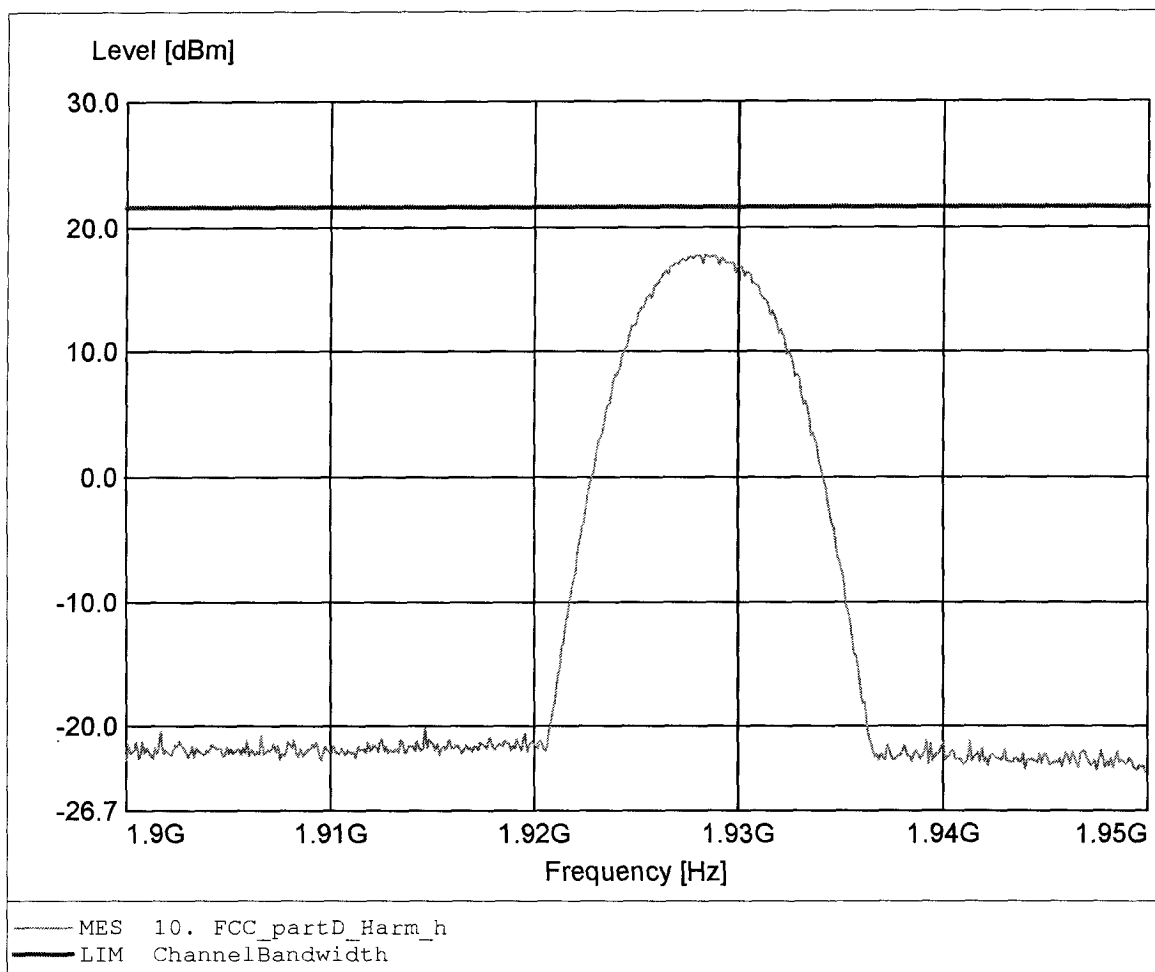
Approval Holder: TELEDEX LLC
EUT: CORDLESS TELEPHONE
Model / Channel: DCT2910 PORTABLE PART / 4
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom: 3.60 V DC (battery)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,
Comment 2: Freq:1.922GHz Pmax:20.62dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

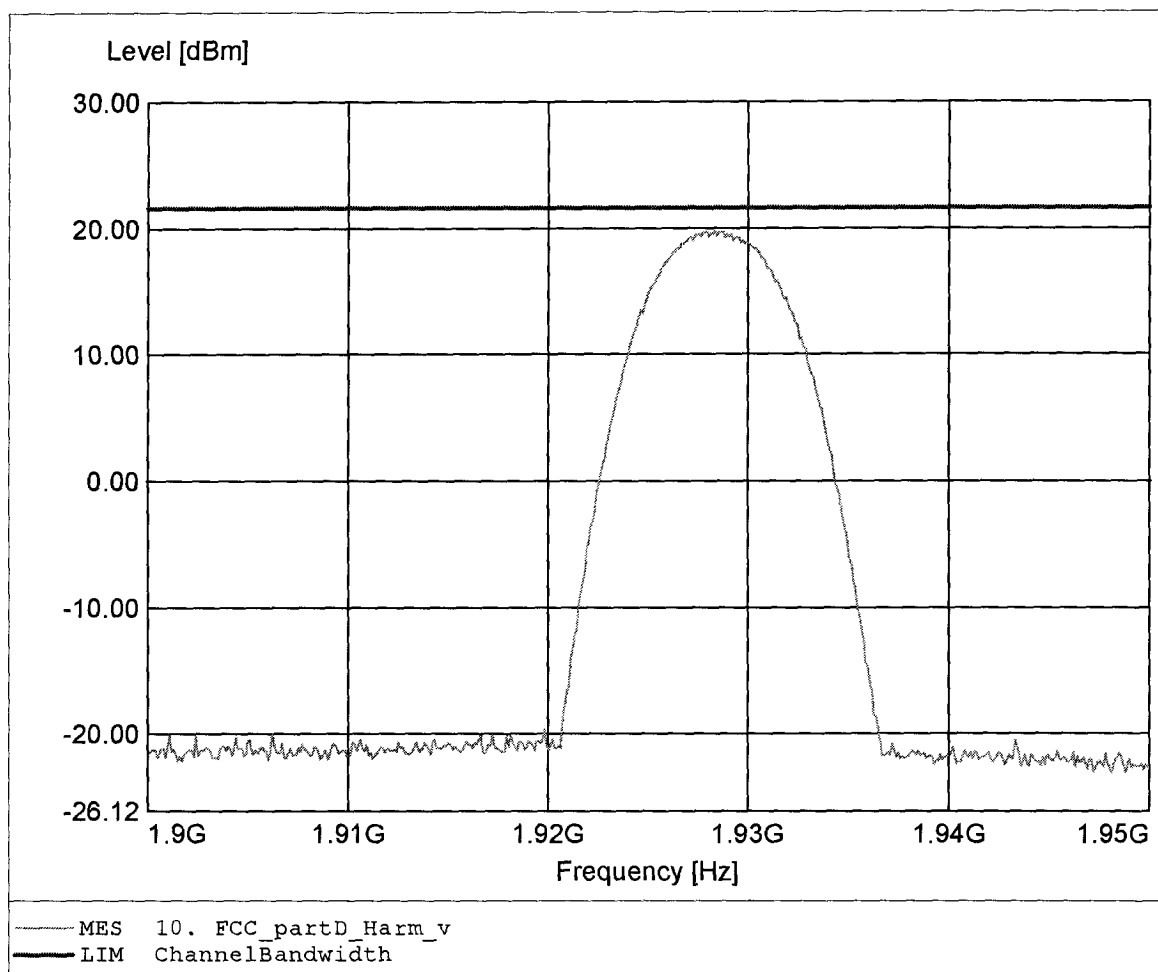
Approval Holder: TELEDEX LLC
EUT: CORDLESS TELEPHONE
Model / Channel: DCT2910 PORTABLE PART / 0
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom: 3.60 V DC (battery)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,
Comment 2: Freq:1.928GHz Pmax:17.78dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

Approval Holder: TELEDEX LLC
EUT: CORDLESS TELEPHONE
Model / Channel: DCT2910 PORTABLE PART / 0
Test Site / Operator: ETS / Mr. Schlaps
Test Condition: 25°C / Unom: 3.60 V DC (battery)
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: BBHA 9120D,
Comment 2: Freq:1.928GHz Pmax:19.75dBm RBW: 5 MHz



Appendix J

Monitoring threshold

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 14.06.2006 08:29:39
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 7.3.3_b
 Cordless Telephone
 Teledex LLC

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	
01:08:31.9062500	-85,6 -96,1	-85,1 -96	-86,5 -95,9	-86,3 -96,1	-53,1 -68,3	Interferer off
01:03:22.3125000	-51,7 -58,7	-58,6 -58,9	-58,7 -59,1	-71 -72,2	-76,3 -79,1	Interferer on
01:04:02.9062500	-58,5 -58,8	-57,8 -58,8	-57,7 -58,9	-46,4 -68,8	-22,6 -42,1	OK 1
01:04:06.1093750	-58,5 -58,8	-58,4 -58,8	-58,6 -58,9	-71 -72	-53 -68,3	
01:04:09.7656250	-58,4 -58,8	-58,3 -58,8	-56,9 -58,9	-46,4 -69,1	-22,1 -41,9	OK 2
01:04:12.1562500	-58,4 -58,8	-58,4 -58,8	-58,6 -58,9	-70,9 -72,1	-53,1 -68,4	
01:04:17.5312500	-58,5 -58,8	-58,4 -58,8	-56,9 -58,9	-46,9 -69	-22,4 -42,2	OK 3
01:04:20.5625000	-58,4 -58,8	-58,5 -58,8	-58,7 -58,9	-70,8 -72,1	-52,8 -68,2	
01:04:23.5000000	-58,4 -58,8	-58,4 -58,8	-57,8 -58,9	-46,2 -69,1	-22,7 -43,1	OK 4
01:04:26.0781250	-58,4 -58,8	-58,4 -58,8	-58,6 -58,9	-70,9 -72	-52,9 -68,2	
01:04:28.8281250	-58,4 -58,8	-58,3 -58,8	-58,3 -58,9	-47,3 -69,3	-22,7 -41,9	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 14.06.2006 08:38:16
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 7.3.3_c
 Cordless Telephone
 Teledex LLC

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	
01:12:13.7656250	-58,6 -58,9	-49,7 -58,5	-58,9 -59,1	-76,7 -79	-71,1 -72,2	
01:12:17.8906250	-58,7 -58,9	-49,7 -58,5	-58,8 -59,1	-76,5 -79	-70,8 -72,2	
01:12:30.4375000	-58,4 -58,8	-56,9 -58,8	-47,8 -58,7	-22,5 -42,2	-54,2 -71,6	OK 1
01:12:40.6562500	-58,4 -58,8	-58,5 -58,8	-58,7 -58,9	-52,7 -68	-70,7 -72,1	
01:12:44.8750000	-58,2 -58,8	-57,1 -58,8	-44,5 -58,7	-22,3 -42,6	-57,8 -71,8	OK 2
01:12:48.9062500	-58,5 -58,8	-58,5 -58,8	-58,6 -58,9	-52,9 -68	-70,8 -72,1	
01:12:52.5312500	-58,4 -58,8	-56,4 -58,8	-45,9 -58,8	-22,5 -42,6	-53,3 -71,6	OK 3
01:12:56.5468750	-58,5 -58,8	-58,5 -58,8	-58,6 -58,9	-52,8 -68,1	-70,8 -72,1	
01:13:00.4843750	-58,4 -58,8	-56,6 -58,8	-47,7 -58,7	-22,4 -41,8	-52,3 -71,5	OK 4
01:13:05.4218750	-58,5 -58,8	-58,5 -58,8	-58,6 -58,9	-52,8 -68	-70,7 -72,1	
01:13:24.8750000	-58,2 -58,8	-57,1 -58,8	-44,5 -58,7	-22,3 -42,6	-57,8 -71,8	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 14.06.2006 08:58:34
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 7.3.3_d
 Cordless Telephone
 Teledex LLC

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	
01:32:20.9062500	-87,2 -96	-86,7 -96	-85,8 -96	-53,1 -68,5	-86,3 -96,3	Interferer off
01:32:25.2343750	-58,5 -58,8	-58,5 -58,8	-58,7 -59	-52,7 -68	-79,9 -84,8	Interferer on
01:33:01.5000000	-58,4 -58,8	-58,3 -58,8	-57 -59	-46,3 -71	-22,5 -43,2	OK 1
01:33:10.3593750	-58,5 -58,8	-58,5 -58,8	-58,7 -59	-75,6 -77,9	-53,1 -68,6	
01:33:14.3750000	-58,4 -58,8	-58 -58,8	-56,1 -59	-46 -71,6	-22,6 -42,7	OK 2
01:33:17.3281250	-58,4 -58,8	-58,5 -58,8	-58,7 -59	-75,7 -77,8	-53,1 -68,7	
01:33:20.0781250	-58,5 -58,8	-58,4 -58,8	-57,8 -59	-46,2 -71,5	-22,3 -42,5	OK 3
01:33:22.2812500	-58,4 -58,8	-58,5 -58,8	-58,7 -59	-75 -77,8	-53,4 -68,7	
01:33:24.8593750	-58,5 -58,8	-57,9 -58,8	-57,4 -59	-46,2 -71,2	-22,4 -42,8	OK 4
01:33:27.0625000	-58,5 -58,8	-58,5 -58,8	-58,6 -59	-75,9 -77,8	-53,1 -68,6	
01:33:29.1875000	-58,5 -58,8	-58,2 -58,8	-57,2 -59	-46 -71,2	-22,4 -42,2	OK 5

Log file

Test case Rev. Draft ANSI_7.3.3_least_interfered_channel.xml
 Date 14.06.2006 09:03:22
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 7.3.3_e
 Cordless Telephone
 Teledex LLC

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	
01:37:01.8906250	-85,2 -96,1	-87,1 -96,2	-53,1 -68,5	-86,5 -96,1	-87 -96,2	Interferer off
01:37:06.3750000	-58,5 -58,8	-58,5 -58,8	-49,8 -58,5	-80,5 -84,6	-75,4 -78	Interferer on
01:37:25.5156250	-58,5 -58,8	-56,7 -58,8	-48,1 -58,8	-22,4 -42,9	-52,5 -75,9	OK 1
01:37:55.3593750	-58,5 -58,8	-58,4 -58,8	-58,7 -59	-52,8 -68,1	-75,5 -78	
01:38:00.5468750	-58,1 -58,8	-57,5 -58,8	-47,9 -58,7	-22,3 -42,5	-55,8 -76,4	OK 2
01:38:04.4375000	-58,5 -58,8	-58,5 -58,8	-58,6 -59	-53 -68,4	-75,6 -78	
01:38:07.6250000	-58,4 -58,8	-55,4 -58,8	-48,5 -58,8	-22,4 -41,8	-54 -76,5	OK 3
01:38:10.7187500	-58,5 -58,8	-58,5 -58,8	-58,7 -59	-52,9 -68,3	-75,5 -78	
01:38:13.3593750	-58 -58,8	-57,9 -58,8	-50,2 -58,9	-22,7 -42,2	-57 -76,7	OK 4
01:38:15.6406250	-58,5 -58,8	-58,5 -58,8	-58,7 -59	-52,9 -68,4	-75,6 -78	
01:38:17.9218750	-58,4 -58,8	-58 -58,8	-46,6 -58,8	-22,6 -43	-53,8 -76,1	OK 5

Log file

Test case Rev. Draft ANSI_7.3.2_upper_threshold.xml
 Date 14.06.2006 08:19:14
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: initial setup
 Cordless Telephone
 Teledex LLC

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	
00:36:07.3750000	-50 -50,1	-50 -50,2	-42,8 -50,2	-50,1 -50,3	-50,1 -50,2	-50 dBm
00:36:34.8593750	-51 -51,1	-51 -51,1	-43,2 -51,1	-51,2 -51,3	-51,1 -51,2	-51 dBm
00:36:47.8125000	-52 -52,1	-52 -52,1	-43,6 -52,1	-52,2 -52,3	-52,1 -52,2	-52 dBm
00:37:01.4531250	-53 -53,1	-53 -53,1	-53,3 -53,5	-44,1 -52,9	-53,1 -53,2	-53 dBm
00:37:12.8125000	-53,9 -54,1	-53,9 -54,1	-54,3 -54,5	-44,3 -53,7	-54,1 -54,2	-54 dBm
00:37:22.7500000	-54,8 -55	-54,9 -55	-55,2 -55,4	-44,6 -54,5	-54,9 -55,1	-55 dBm
00:37:34.1875000	-55,8 -56	-55,8 -56	-55,9 -56,2	-44,8 -55,4	-55,9 -56,1	-56 dBm
00:37:43.0937500	-56,6 -56,8	-56,6 -56,8	-56,7 -57	-45,2 -56	-56,7 -57	-57 dBm
00:38:03.8281250	-57,5 -57,8	-57,5 -57,8	-57,6 -58	-45,5 -56,8	-57,7 -58	-58 dBm
00:38:24.0312500	-58,5 -58,8	-58,5 -58,8	-58,7 -59	-45,7 -57,5	-58,7 -59	-59 dBm
00:38:50.6406250	-59,5 -59,9	-59,3 -59,9	-56,6 -60	-48 -59,8	-22,6 -42,6	The upper threshold level: -60 dBm

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 14.06.2006 09:42:16
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 7.5_low_ch_50/35us
 Cordless Telephone
 Teledex LLC

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	
00:17:40.6875000	-53,2 -68,8	-86,7 -96,2	-85,9 -96,2	-86,6 -96,2	-86,5 -96,1	Interferer off
00:17:47.9218750	-76,6 -95	-68,2 -92,7	-46,4 -72,1	-22,3 -42,3	-53,3 -80,9	Test connection
00:18:14.0312500	-59,7 -60	-58,7 -59	-58,9 -59,2	-49,9 -58,8	-58,8 -59,1	50 μ s interference on, connection release
00:18:22.2031250	-73 -94,9	-65,5 -92,2	-45,3 -71,8	-22,6 -42	-52,9 -80,6	Test connection
00:18:52.8437500	-53,8 -53,9	-58,7 -59	-58,9 -59,2	-49,8 -58,7	-58,8 -59,1	35 μ s interference on, connection release

Log file

Test case Rev. Draft ANSI_7.5_reaction_time_high_ch.xml
 Date 14.06.2006 09:36:05
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 7.5_high_ch_50/35us
 Cordless Telephone
 Teledex LLC

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	
00:12:36.3906250	-86,8 -96,2	-53,2 -68,9	-87,1 -96,4	-86,6 -96,3	-86,2 -96,1	Interferer off
00:12:50.5468750	-76 -95	-66,6 -92,5	-49,9 -72,4	-22,3 -42,2	-53,9 -80,8	Test connection
00:13:04.3437500	-58,7 -59	-58,8 -59,1	-58,8 -59,1	-50 -58,7	-75,2 -79,6	50 μ s interference on, connection release
00:13:14.0937500	-22,3 -42	-53 -80,4	-71,2 -93,4	-76,8 -95	-77,9 -94,5	Test connection
00:14:19.3750000	-58,5 -58,8	-58,6 -58,9	-58,6 -58,9	-58,6 -58,9	-49,2 -64,7	35 μ s interference on, connection release

Log file

Appendix L

Monitoring bandwidth

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 14.06.2006 09:26:07
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 7.4.1 simple compliance test_high_+30%
 Cordless Telephone
 Teledex LLC

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	
00:03:49.7031250	-86,5 -96,1	-87,4 -96,3	-53,7 -69,5	-87 -96,4	-85,9 -96,2	Interferer off
00:03:54.5781250	-64,2 -92,1	-45,4 -72,2	-22,6 -42,8	-55,4 -81,4	-69,6 -92,8	Test connection
00:04:06.7656250	-58,6 -59	-58,8 -59,1	-49,7 -58,6	-58,7 -59,1	-85,8 -96,1	Interferer on, connection release

Log file

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 14.06.2006 09:29:10
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 7.4.1 simple compliance test_high_-30%
 Cordless Telephone
 Teledex LLC

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	
00:07:08.7968750	-86,6 -96,1	-87,5 -96,1	-87,2 -96	-53 -68,4	-87,8 -96,2	Interferer off
00:07:16.1875000	-74,6 -94,7	-65,3 -92,5	-45,1 -72,2	-22,4 -41,4	-52,6 -80,6	Test connection
00:07:31.1718750	-58,7 -59	-58,8 -59,1	-58,7 -59,1	-49,7 -58,6	-85,1 -96,1	Interferer on, connection release

Log file

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 14.06.2006 09:23:18
 Reference to the EUT GOM20606-0543 / DCT2900 Portable Part
 Comment: 7.4.1 simple compliance test_low_+30%
 Cordless Telephone
 Teledex LLC

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

Time stamp	1921.536 MHZ	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:01:18.4687500	-53,1 -68,4	-85,5 -96,1	-88 -96,1	-85,5 -96,2	-86,4 -96	Interferer off
00:01:27.5625000	-46,5 -72,9	-21,8 -41,5	-57,4 -81,5	-71,2 -93,5	-74,5 -94,5	Test connection
00:01:40.1718750	-86,6 -96	-49,6 -58,5	-58,9 -59,2	-58,8 -59,2	-58,8 -59,1	Interferer on, connection release

Log file

Test case Rev. Draft ANSI_7.4.1_monitoring_bandwidth.xml
 Date 14.06.2006 09:16:44
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 7.4.1 simple compliance test_low_-30%
 Cordless Telephone
 Teledex LLC

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	
01:45:41.3750000	-87,9 -96,2	-86,9 -96	-53 -68,3	-78,7 -94,9	-86,8 -96,2	Interferer off
01:45:49.7343750	-65,2 -92,6	-48 -73,1	-22,6 -42,2	-56,1 -81,9	-68,7 -92,4	Test connection
01:46:02.5468750	-85,4 -96	-58,7 -59	-49,5 -58,7	-58,9 -59,2	-58,8 -59,1	Interferer on, connection release

Log file

Appendix M

Random waiting interval

Appendix N

Duration of Transmission

Test case Rev. Draft
 ANSI_8.2.2._Transmission_duration_PP_only.xml
 Date 14.06.2006 12:37:14
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part

 Comment: initial setup

 Cordless Telephone
 Teledex LLC

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	
00:00:31.9531250	-87 -96	-52,8 -68,3	-85,1 -95,7	-86,3 -95,9	-85,7 -95,9	
00:00:39.2500000	-76,7 -94,6	-52,7 -68	-48,4 -72,5	-21,9 -41,9	-54,3 -80,7	
00:00:40.2656250	-74,5 -94,6	-64,6 -92,2	-48,5 -72,6	-21,7 -41,5	-55,1 -80,5	
00:11:34.7343750	-77 -94,2	-64,3 -91,1	-49,5 -72,2	-49 -70,3	-22,1 -41,7	
00:33:25.5781250	-49,2 -72,8	-21,7 -41,8	-53,4 -80,6	-70 -92,7	-52,4 -67,8	
00:44:21.0937500	-74,5 -94,6	-52,6 -68,2	-49,2 -72,1	-21,8 -42,3	-55,8 -80,5	
00:44:23.0156250	-74,8 -94,8	-65,8 -92,3	-49,5 -72,9	-21,6 -41,6	-53,1 -80,6	

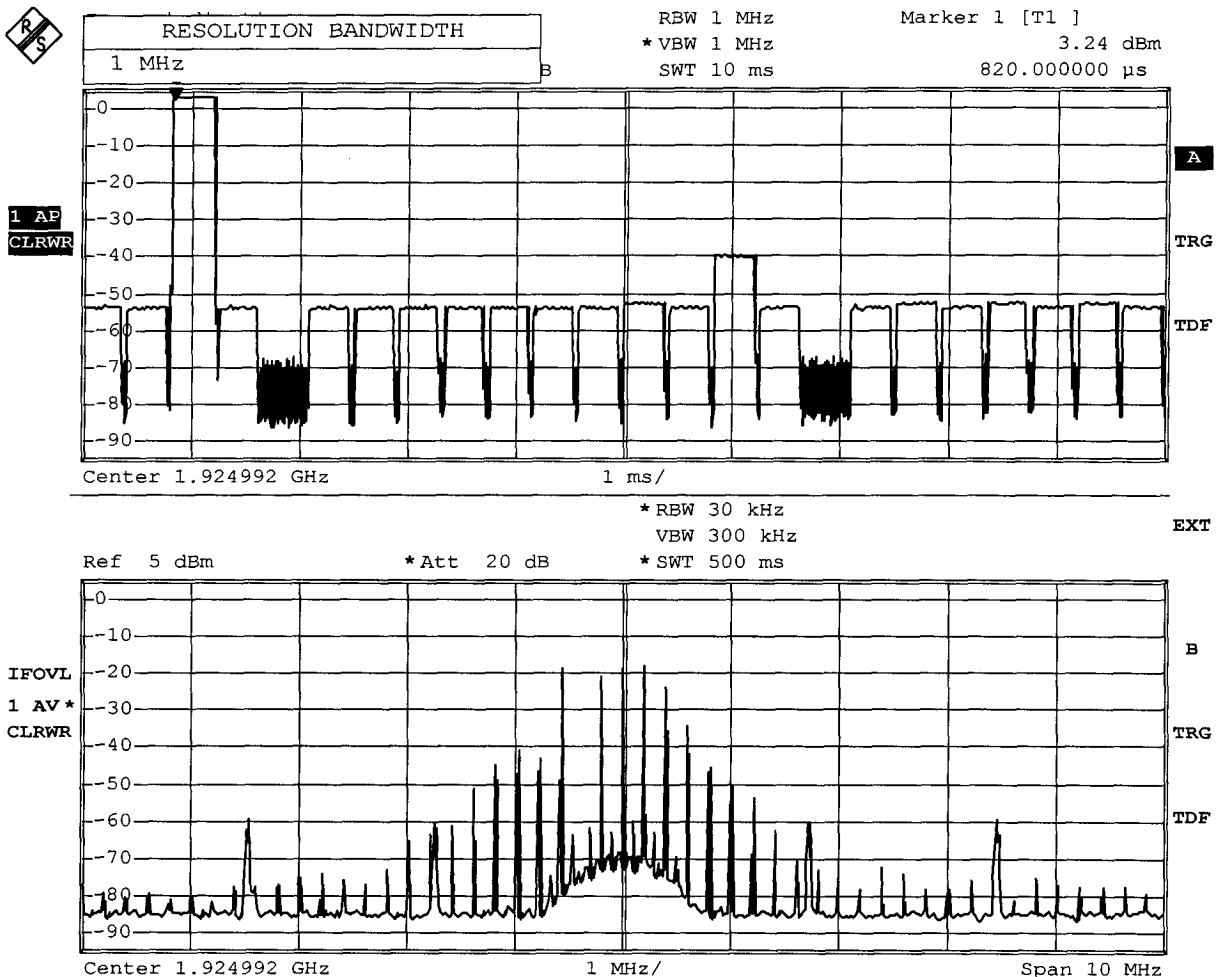
Log file

Appendix O

Connection acknowledgement

ANSI C63.17-1998 Rev. Draft ANSI 8.2.1 Acknowledgements
UPCS1900

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Rev. Draft ANSI 8.2.1 acknowledgements
Comment 1	Test connection with unblocked acknowledgements
Comment 2	TDMA, two time slot are interference free
Comment 3	connection is establish

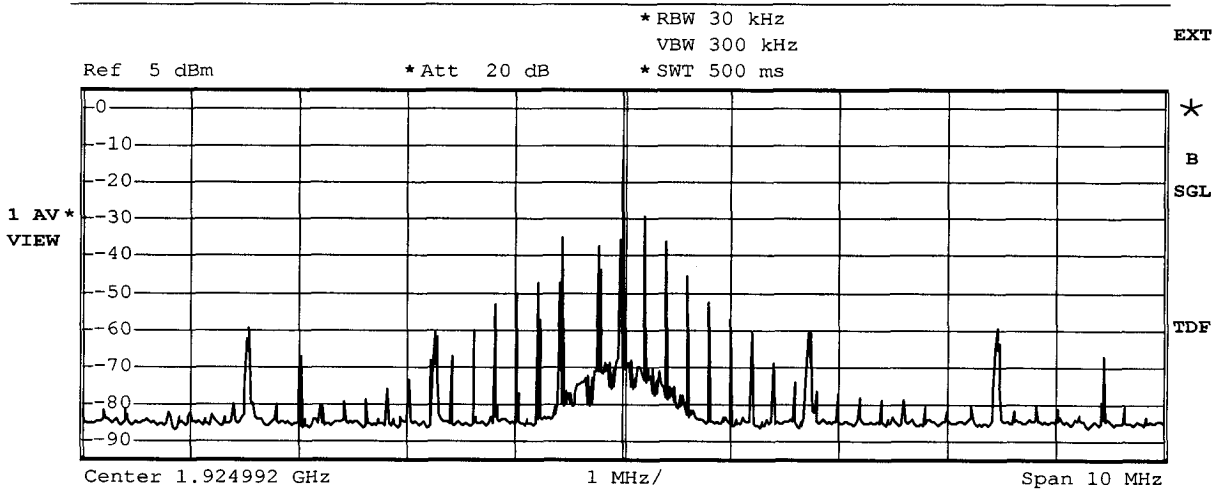
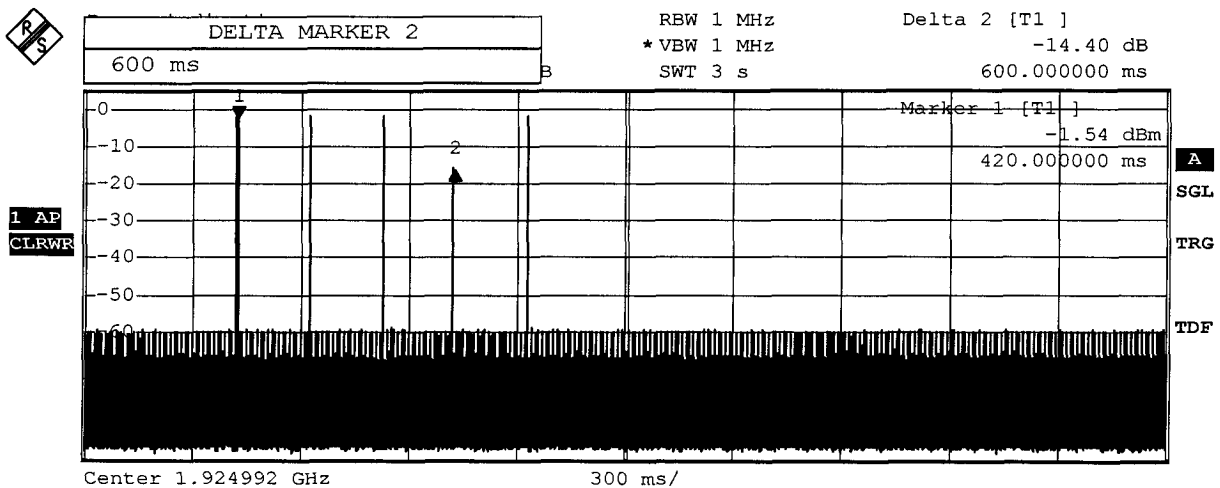


Date: 14.JUN.2006 09:57:34

Measurement diagram

**ANSI C63.17-1998 Rev. Draft ANSI 8.2.1 acknowledgements
UPCS1900**

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Rev. Draft ANSI 8.2.1 acknowledgements
Comment 1	paragraph a) blocked acknowledgements from the companion device
Comment 2	by blocking the Rx time slots from the companion device
Comment 3	The EUT cease transmission on the communications channel after 600 ms,
Limit:	< 1second



Date: 14.JUN.2006 10:14:16

Measurement diagram

Test case Rev. Draft ANSI_8.2.1_Acknowledgments_30s.xml
 Date 15.06.2006 07:29:45
 Reference to the EUT G0M20606-0543 / DCT2900 Portable Part
 Comment: 8.2.1 Acknowledgments for a) and b)
 Cordless Telephone
 Teledex LLC

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	
00:00:53.3750000	-57 -58,1	-52,4 -58,1	-21,8 -40	-52,6 -58,2	-57,7 -58,3	Connection
00:01:03.3281250	-57 -58,1	-49,9 -58,1	-21,8 -43,1	-21,3 -43,5	-57 -58,3	Block acknowledge- ments from the companion device
00:01:06.2812500	-57,8 -58,1	-57,8 -58,1	-86,2 -95,7	-58 -58,2	-58 -58,3	DUT Tx off

The DUT terminates the transmissions after 3 seconds.

Log file

Appendix P

Selected channel, power accuracy, segment occupancy

Test case
confirmation.xml

Rev. Draft ANSI_7.3.4_selected channel

Date 14.06.2006 09:07:33

Reference to the EUT

G0M20606-0543 / DCT2900 Portable Part

Comment:

initial setup

Cordless Telephone
Teledex LLC

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

Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
01:40:37.4843750	-86,9 -96,1	-87 -96,1	-86,6 -96,1	-53 -68,5	-86,1 -96,3	Interferer off
01:40:42.9531250	-58,5 -58,8	-58,5 -58,8	-58,6 -59	-52,8 -68	-76,5 -78,9	Interferer on
01:41:13.4375000	-58,5 -58,8	-58,4 -58,8	-58,3 -59	-47,6 -71,6	-22,6 -42,4	OK 1
01:41:38.0468750	-58,5 -58,8	-57,8 -58,8	-45,5 -58,8	-22,5 -42,7	-53,5 -76,8	OK 2

Log file

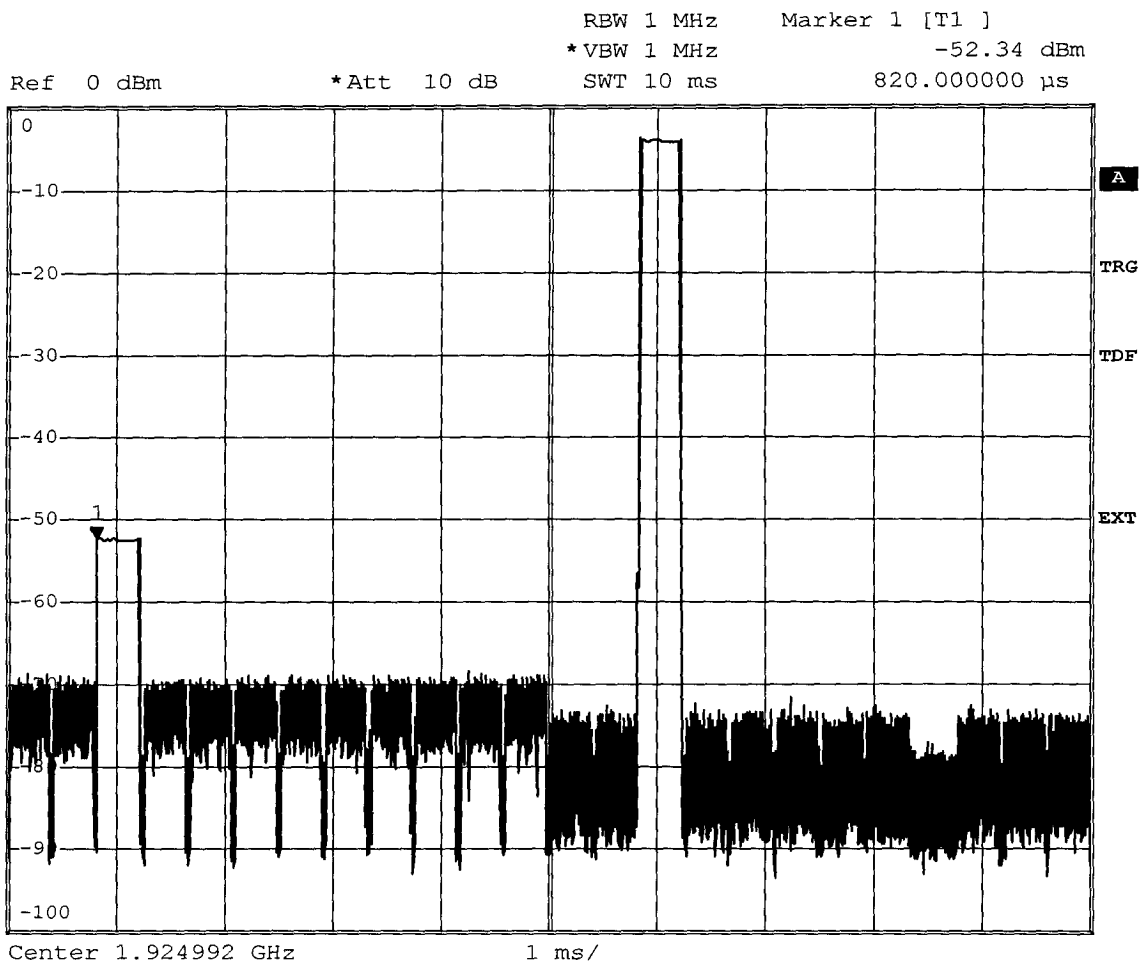
Appendix Q

Duplex connections

ANSI 8.3.2 Duplex connections

Subclause 8.3.2 (d)

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft
Comment 1	Rx time slot 2 is interference free
Comment 2	Connection in Rx time slot 2
Comment 3	Verdict : PASS

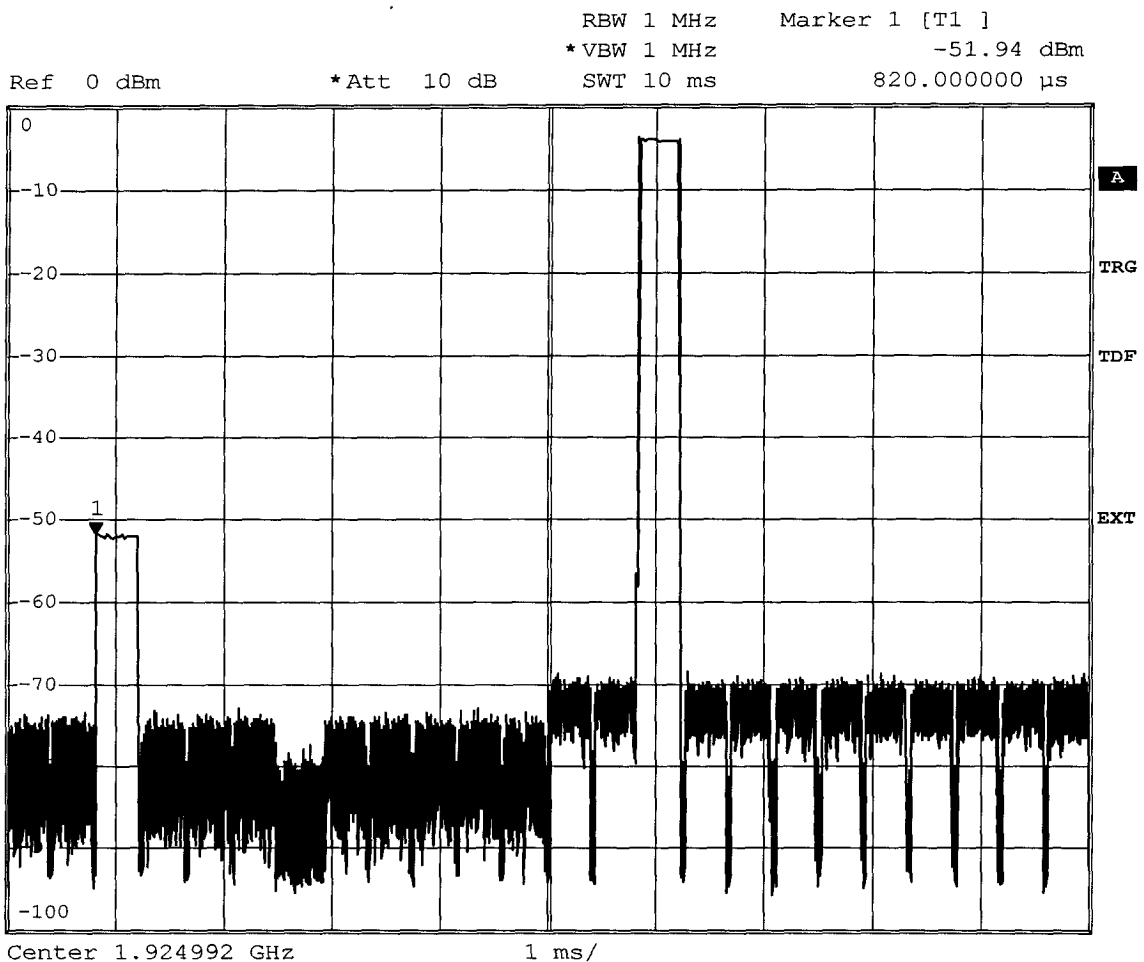


Date: 15.JUN.2006 15:30:03

Measurement diagram

ANSI 8.2.3 Duplex connections Subclause 8.3.2 (f)

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	Tx time slot 2 is interference free
Comment 2	Connection in Tx time slot 2
Comment 3	Verdict : PASS



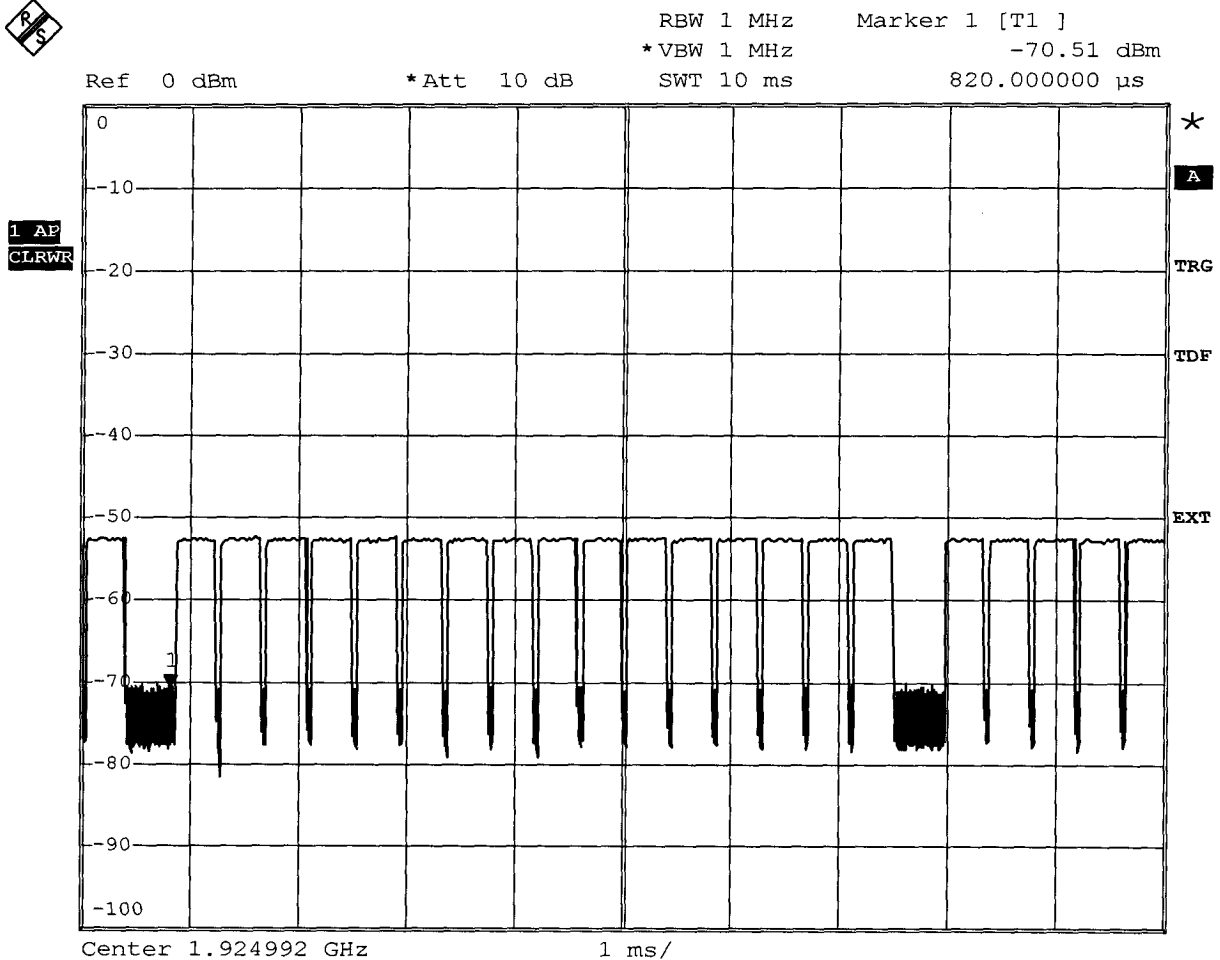
Date: 15.JUN.2006 15:42:17

Measurement diagram

ANSI 8.2.3 Duplex connections

Subclause 8.3.2 (g)

EUT	Cordless Telephone
Model	DCT2910 Portable Part
Applicant	Teledex LLC
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft
Comment 1	No connection establisht in the interference free time slot.
Comment 2	The slot pair are not a duplex slot pair.
Comment 3	Verdict pass



Date: 15.JUN.2006 15:47:11

Measurement diagram