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:

RTX America, Inc.

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 2nd day of November 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 #: RTX110205

Appendix C

Reference to Subpart B

Appendix D

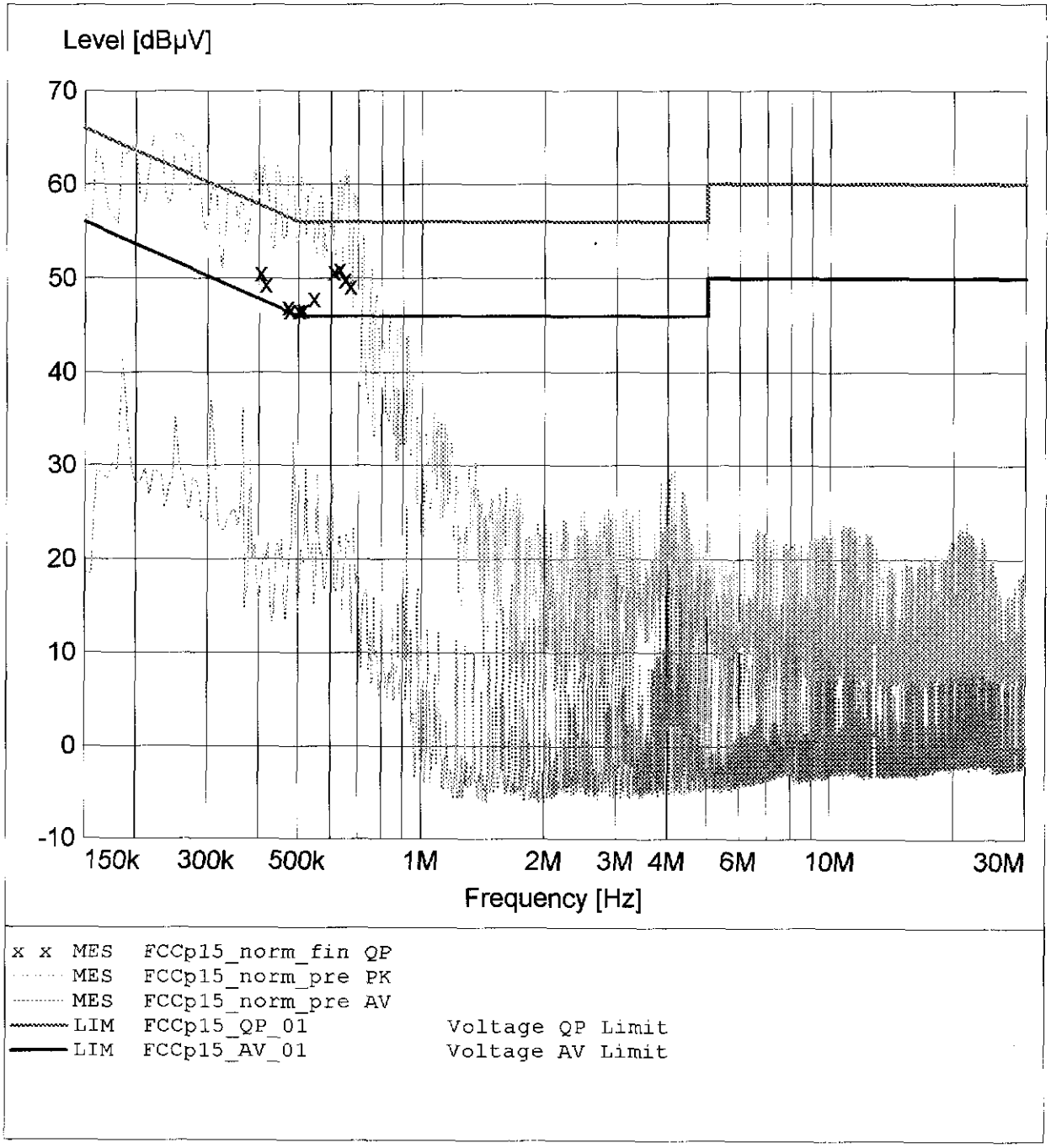
Labeling requirements

Appendix E

Conducted limits AC Power line

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

EUT:	Handset RTX3080
Manufacturer:	RTX America Inc.
Operating Condition:	Unom: 120 VAC (AC/DC-ADAPTOR) , Tnom: 23°C
Test Site:	ETS
Operator:	Mr. Marquardt
Test Specification:	V-Network: ESH2-Z5 (L1)
Comment:	model: RTX3080 mode: ALL OPERATING MODES
Start of Test:	ADAPTOR: A30650



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

EUT:	Handset RTX3080
Manufacturer:	RTX America Inc.
Operating Condition:	Unom: 120 VAC (AC/DC-ADAPTOR) , Tnom: 23°C
Test Site:	ETS
Operator:	Mr. Marquardt
Test Specification:	V-Network: ESH2-Z5 (L1)
Comment:	model: RTX3080 mode: ALL OPERATING MODES
Start of Test:	ADAPTOR: A30650

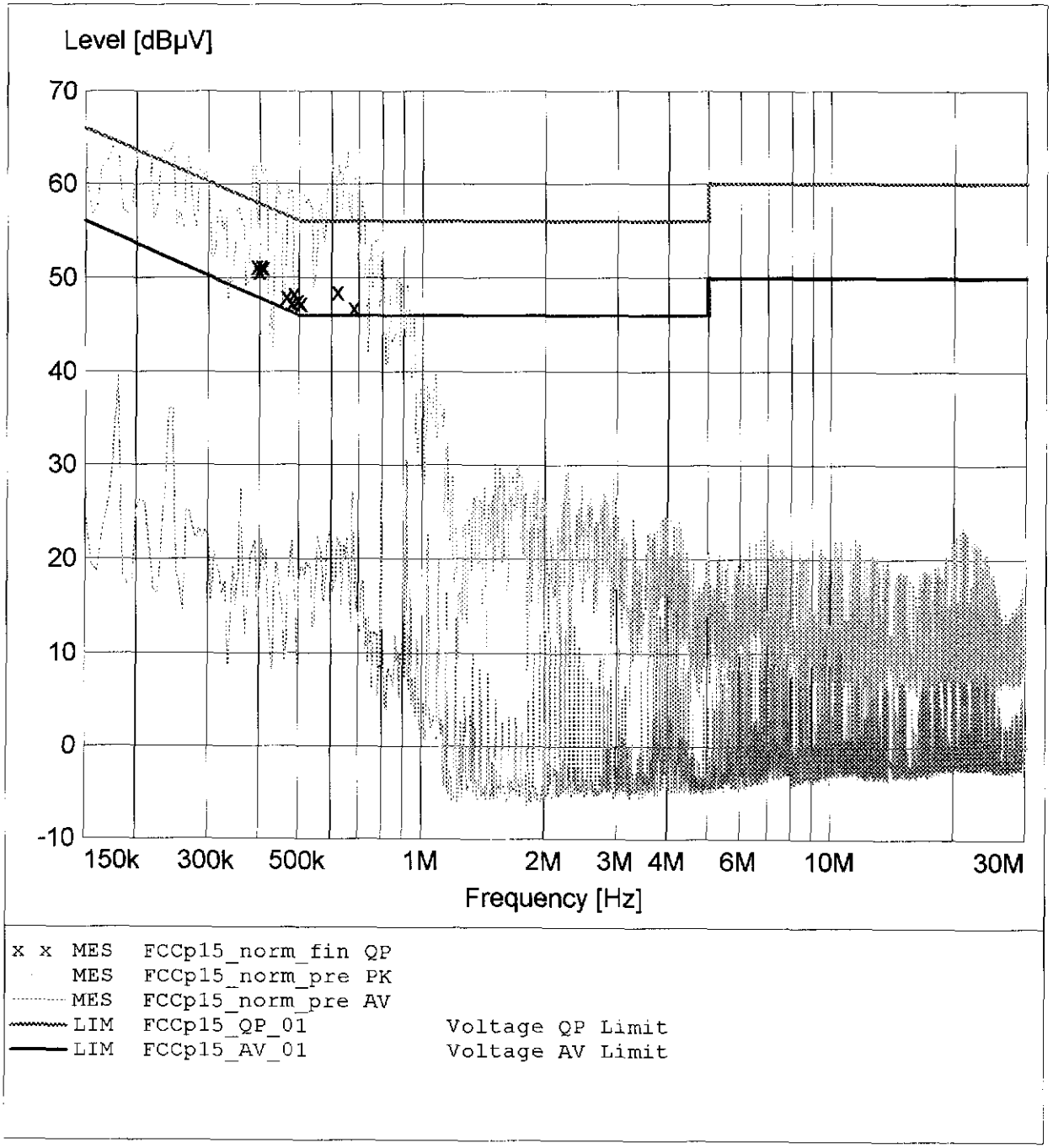
MEASUREMENT RESULT: "FCCp15_norm_fin QP"

23.09.2005 09:16

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.405000	50.60	10.0	58	7.2	---	---
0.415000	49.40	10.0	58	8.1	---	---
0.470000	47.00	10.0	57	9.5	---	---
0.475000	46.60	10.1	56	9.8	---	---
0.500000	46.60	10.1	56	9.4	---	---
0.510000	46.70	10.1	56	9.3	---	---
0.545000	47.90	10.1	56	8.1	---	---
0.610000	50.70	10.1	56	5.3	---	---
0.630000	51.00	10.1	56	5.0	---	---
0.650000	49.90	10.1	56	6.1	---	---
0.670000	49.20	10.1	56	6.8	---	---

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

EUT:	Handset RTX3080
Manufacturer:	RTX America Inc.
Operating Condition:	Unom: 120 VAC (AC/DC-ADAPTOR) , Tnom: 23°C
Test Site:	ETS
Operator:	Mr. Marquardt
Test Specification:	V-Network: ESH2-Z5 (N)
Comment:	model: RTX3080 mode: ALL OPERATING MODES
Start of Test:	ADAPTOR: A30650



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

EUT:	Handset RTX3080
Manufacturer:	RTX America Inc.
Operating Condition:	Unom: 120 VAC (AC/DC-ADAPTOR) , Tnom: 23°C
Test Site:	ETS
Operator:	Mr. Marquardt
Test Specification:	V-Network: ESH2-Z5 (N)
Comment:	model: RTX3080 mode: ALL OPERATING MODES
Start of Test:	ADAPTOR: A30650

MEASUREMENT RESULT: "FCCp15_norm_fin QP"

23.09.2005 09:52

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.395000	51.20	10.0	58	6.7	---	---
0.400000	50.70	10.0	58	7.1	---	---
0.405000	51.20	10.0	58	6.5	---	---
0.410000	51.10	10.0	58	6.6	---	---
0.465000	48.00	10.0	57	8.6	---	---
0.480000	47.30	10.1	56	9.0	---	---
0.485000	48.30	10.1	56	8.0	---	---
0.495000	47.60	10.1	56	8.5	---	---
0.505000	47.30	10.1	56	8.7	---	---
0.620000	48.50	10.1	56	7.5	---	---
0.680000	46.80	10.1	56	9.2	---	---

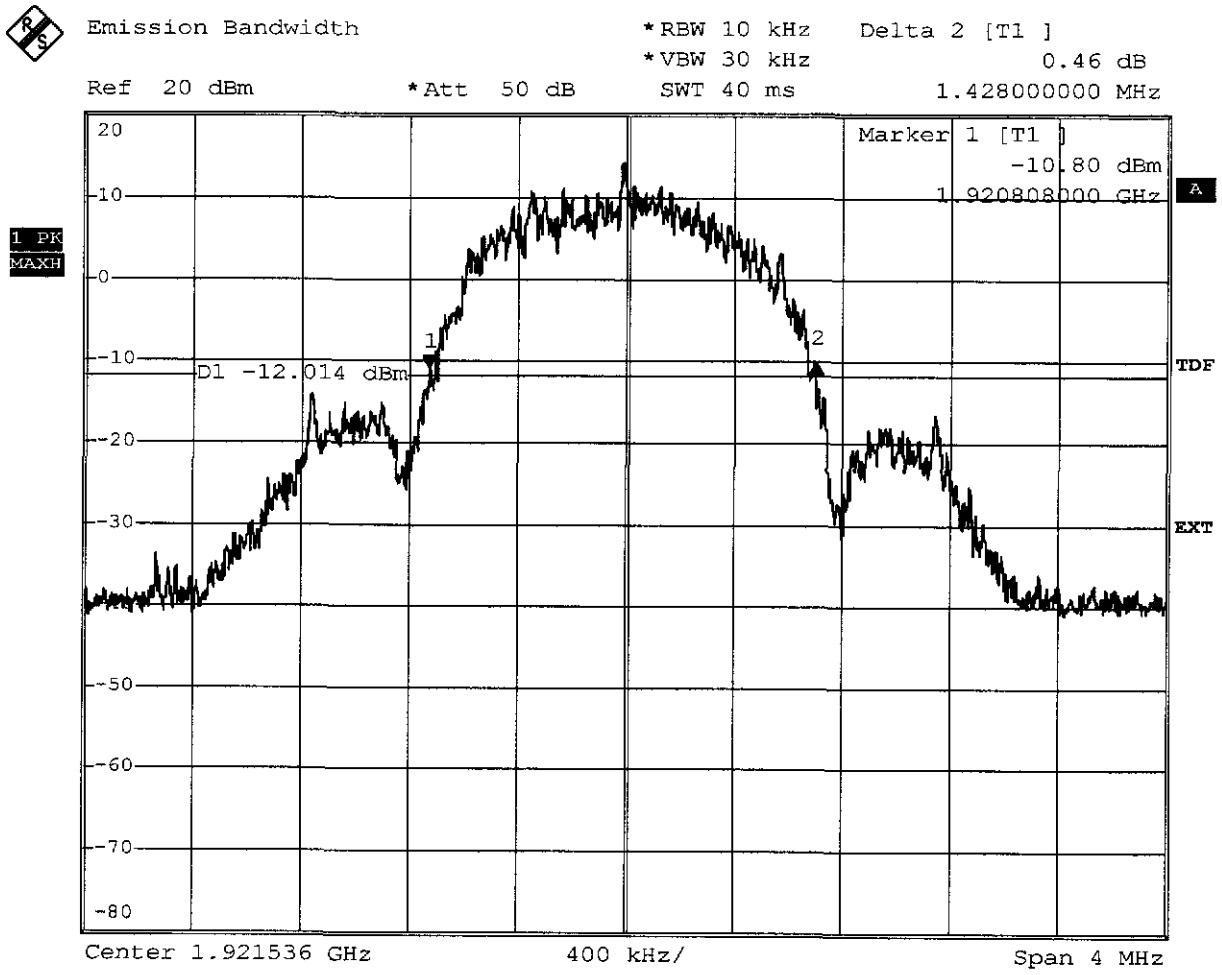
Appendix F

Emission band width

FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
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



Comment: Ansi C63.17-1998 6.1.3
Date: 13.AUG.2005 14:48:26

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 : 1921.116MHz
Higher frequency : 1921.856MHz

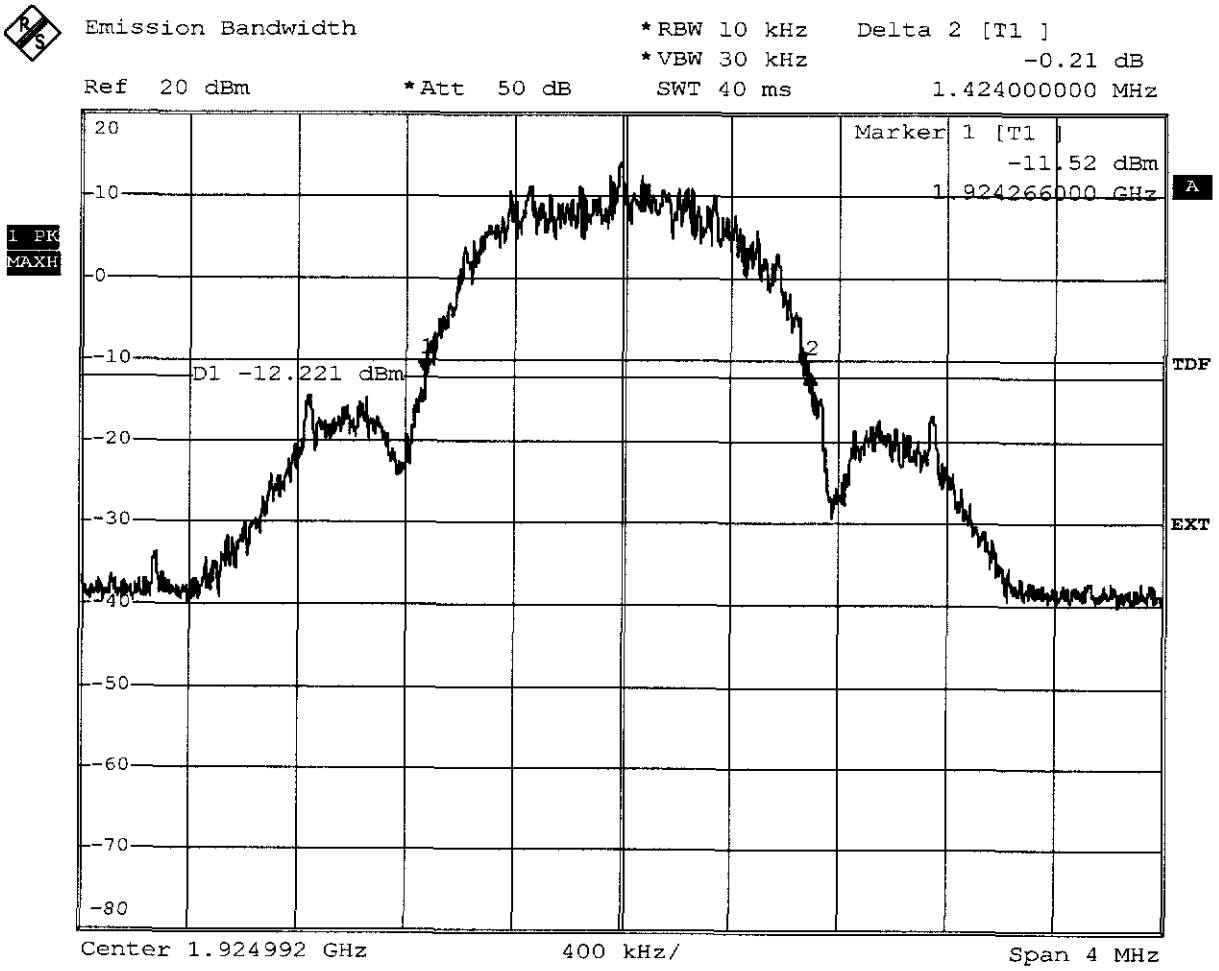
-12 dB points

Lower frequency : 1920.95MHz
Higher frequency : 1922.114MHz

FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.3 Emission bandwidth
Measured Bandwidth	Emission Bandwidth = 1.42MHz
Max. Permitted BW	Limit = 2.5 MHz
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.3
Date: 13.AUG.2005 14:55:34

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 : 1924.574MHz
Higher frequency : 1925.34MHz

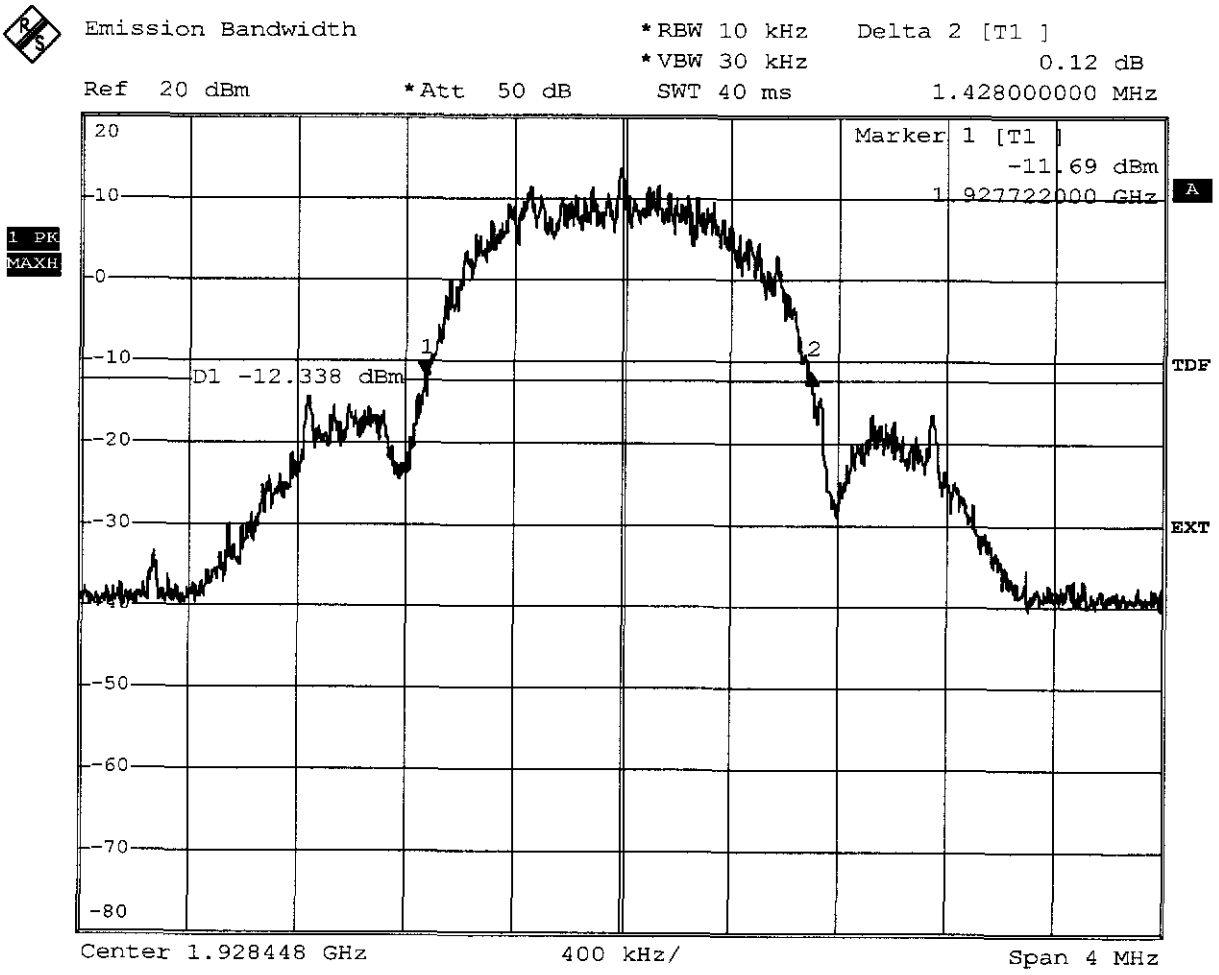
-12 dB points

Lower frequency : 1924.404MHz
Higher frequency : 1925.57MHz

FCC Part 15.303(b) Emission bandwidth

Testprocedure ANSI 63.17-1998 6.1.3
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
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



Comment: Ansi C63.17-1998 6.1.3
Date: 13.AUG.2005 14:58:15

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 : 1928.026MHz
Higher frequency : 1928.786MHz

-12 dB points

Lower frequency : 1927.862MHz
Higher frequency : 1929.026MHz

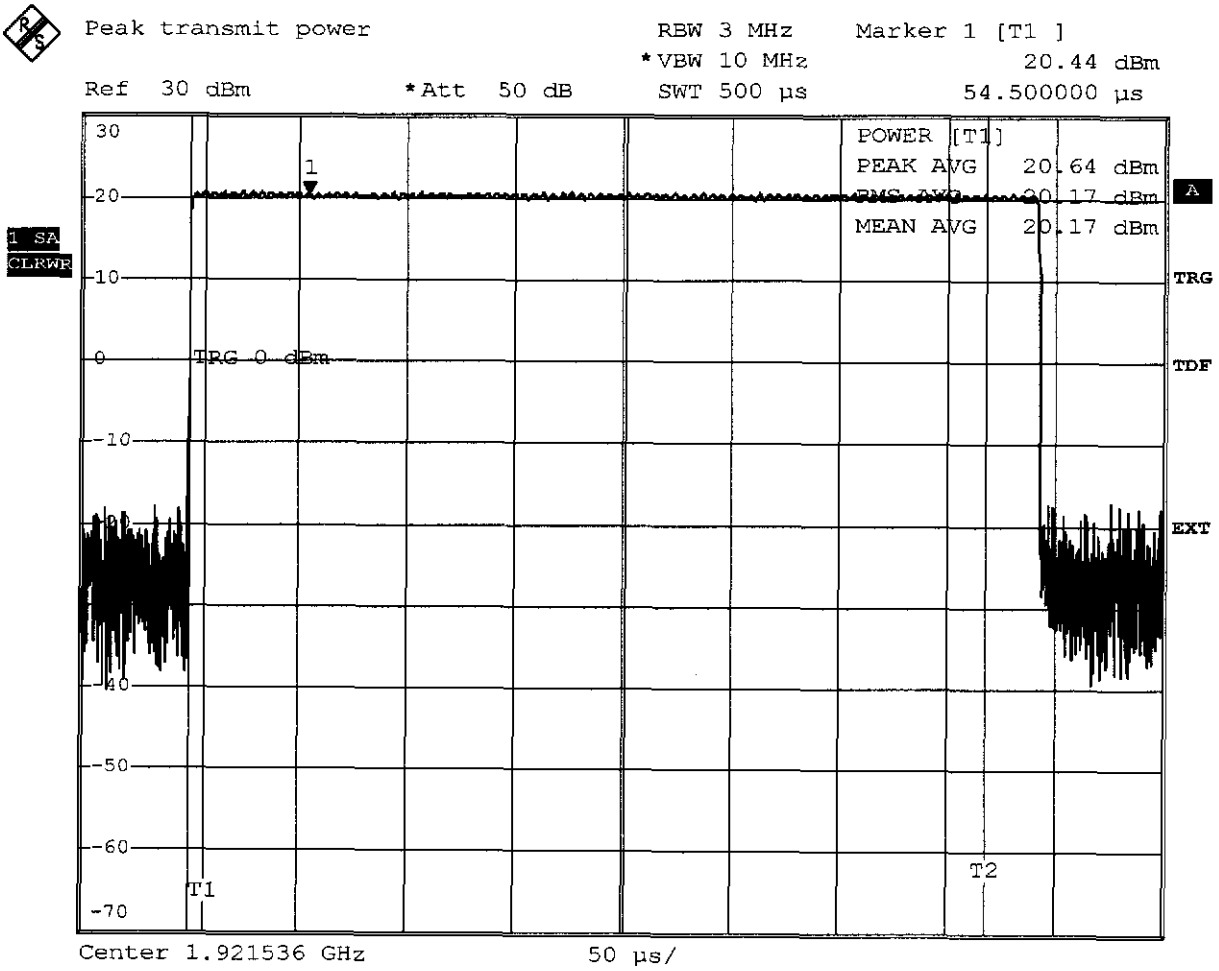
Appendix G

Peak Transmit Power

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperat. / Voltage	23°C / fresh battery
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Measured Bandwidth	1.428MHz
Max. Permitted Power	20,77 dBm
Measured Power	20,64 dBm
Test result	Verdict = PASS



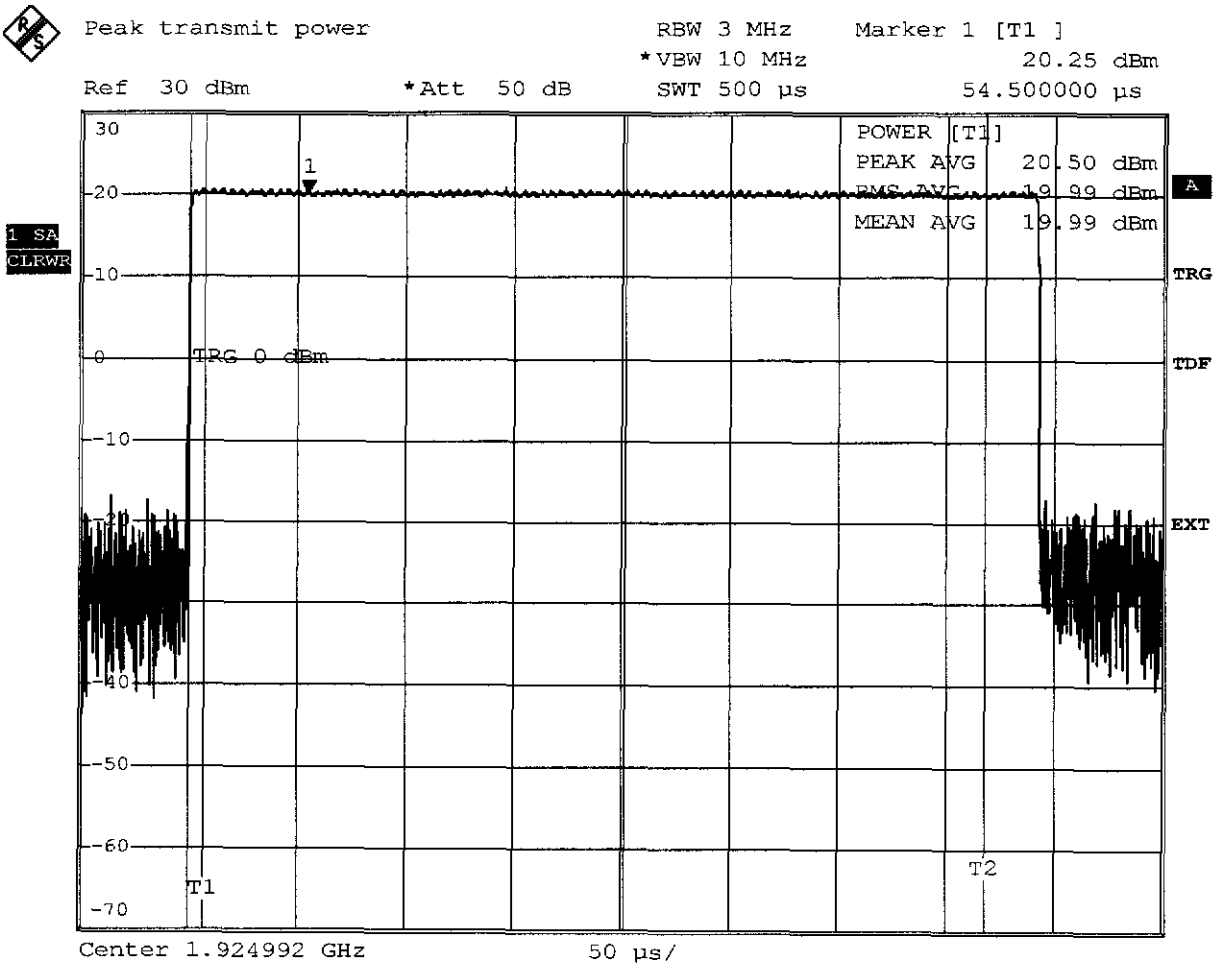
Comment: Ansi C63.17-1998 6.1.2
Date: 13.AUG.2005 15:12:55

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperat. / Voltage	23°C / fresh battery
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Measured Bandwidth	1.428MHz
Max. Permitted Power	20,77 dBm
Measured Power	20,50 dBm
Test result	Verdict = PASS



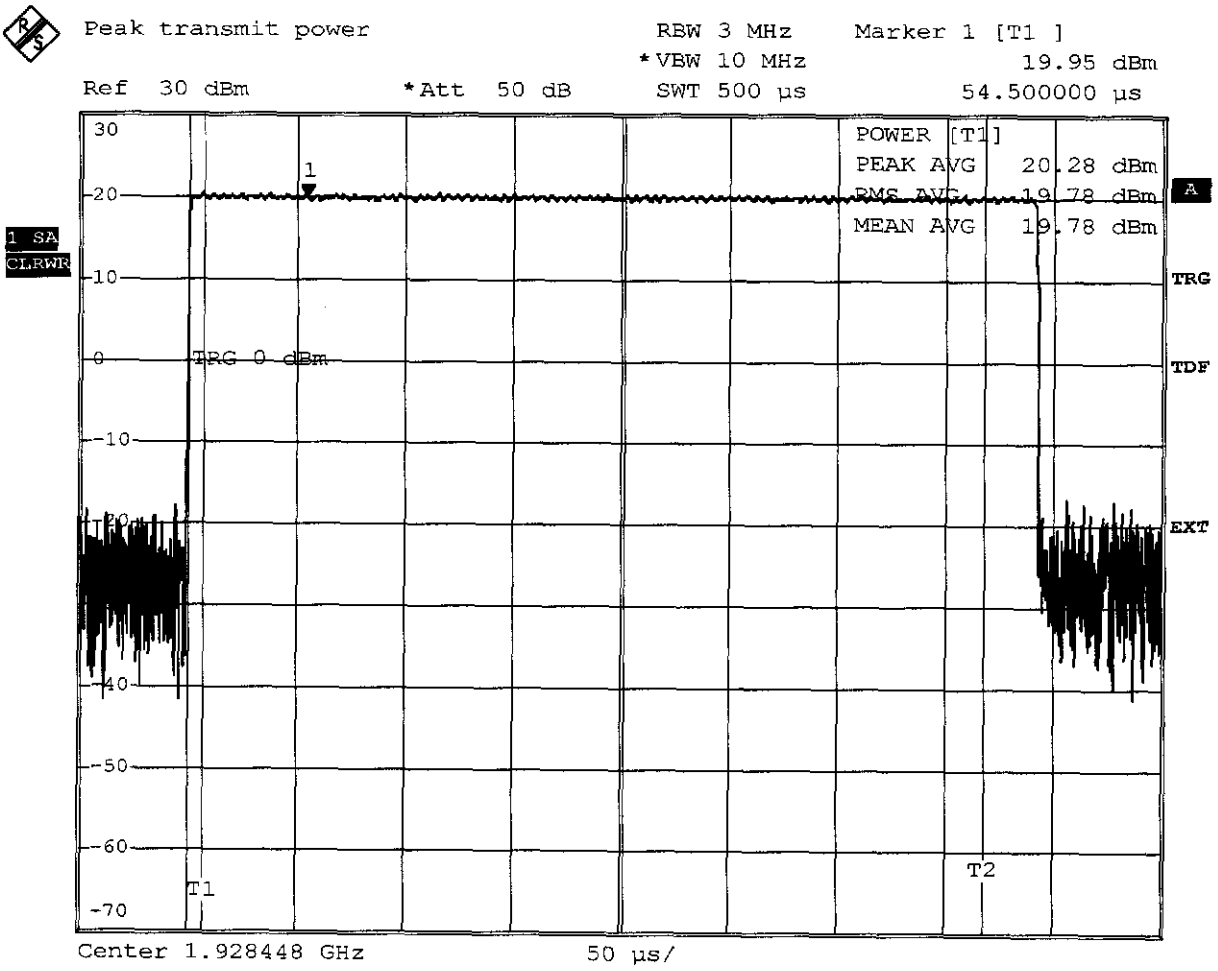
Comment: Ansi C63.17-1998 6.1.2
Date: 13.AUG.2005 15:17:30

Measurement diagram

FCC Part 15.319(c) Peak Transmit Power limit

Testprocedure ANSI 63.17-1998 6.1.2
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperat. / Voltage	23°C / fresh battery
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.2 Peak transmit power
Measured Bandwidth	1.428MHz
Max. Permitted Power	20,77 dBm
Measured Power	20,28 dBm
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.2
Date: 13.AUG.2005 15:20:33

Measurement diagram

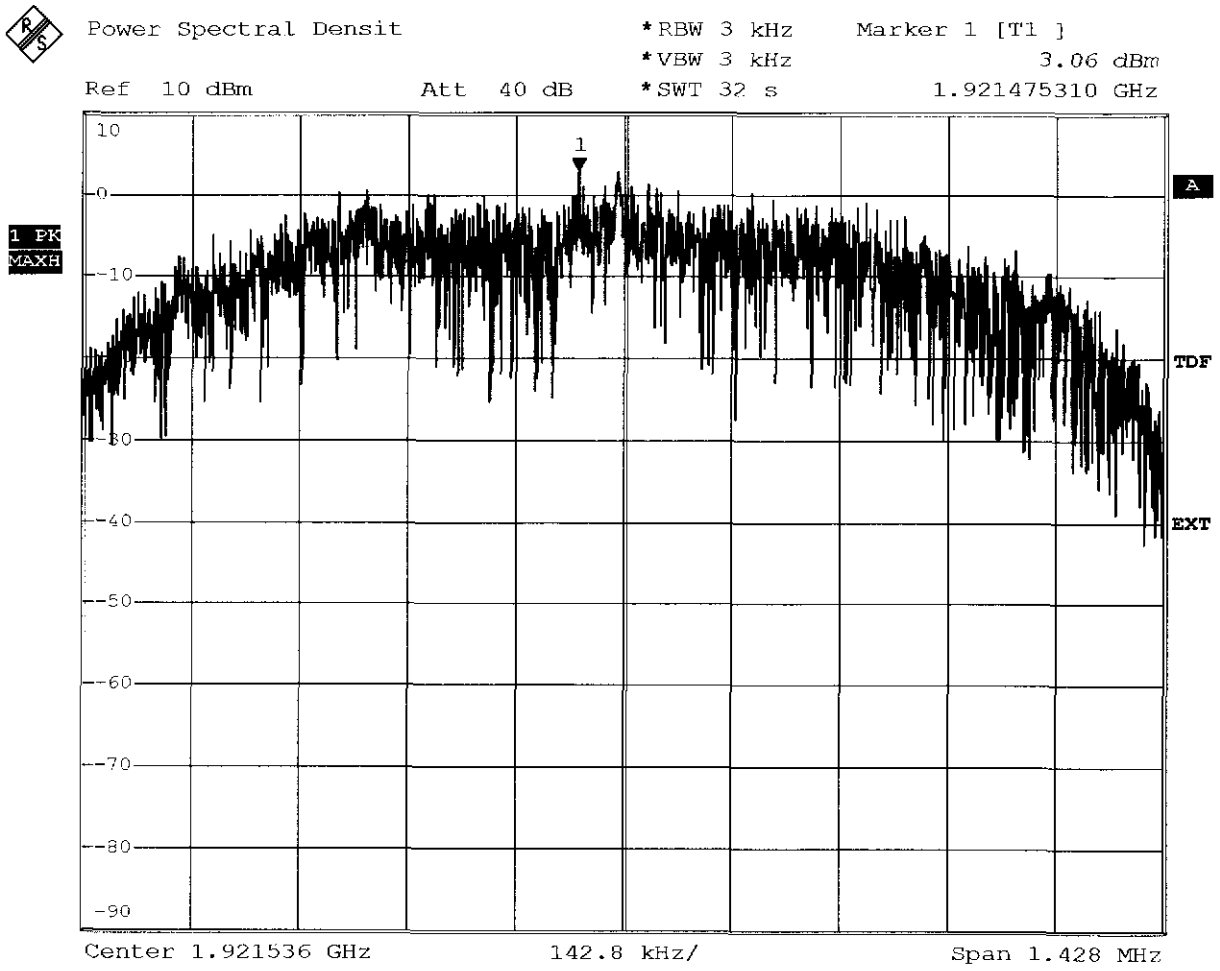
Appendix H

Power spectral density

FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
	Test step 1 initial condition



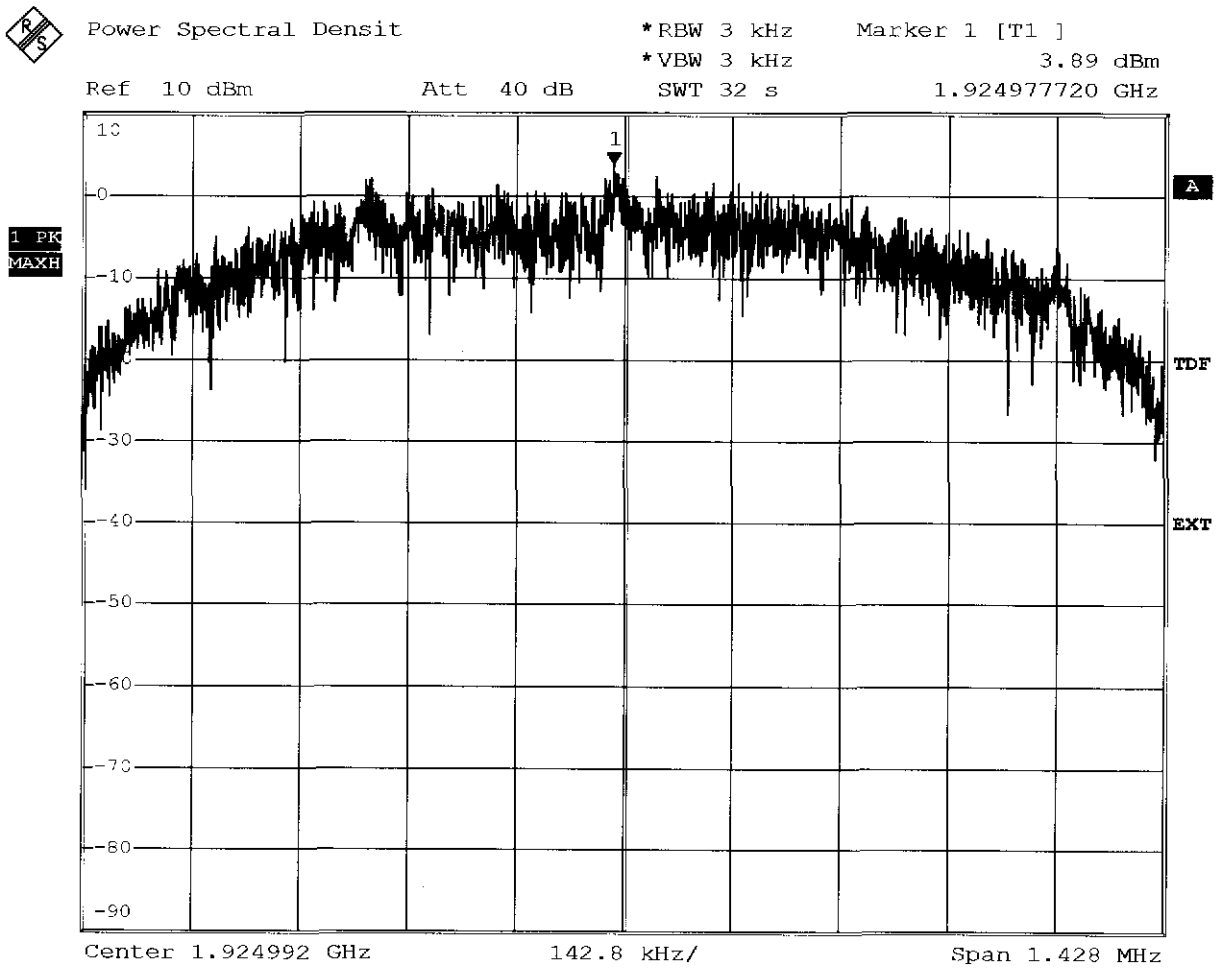
Comment: Ansi C63.17-1998 6.1.5
Date: 16.AUG.2005 15:00:55

Measurement diagram

FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
	Test step 1 initial condition



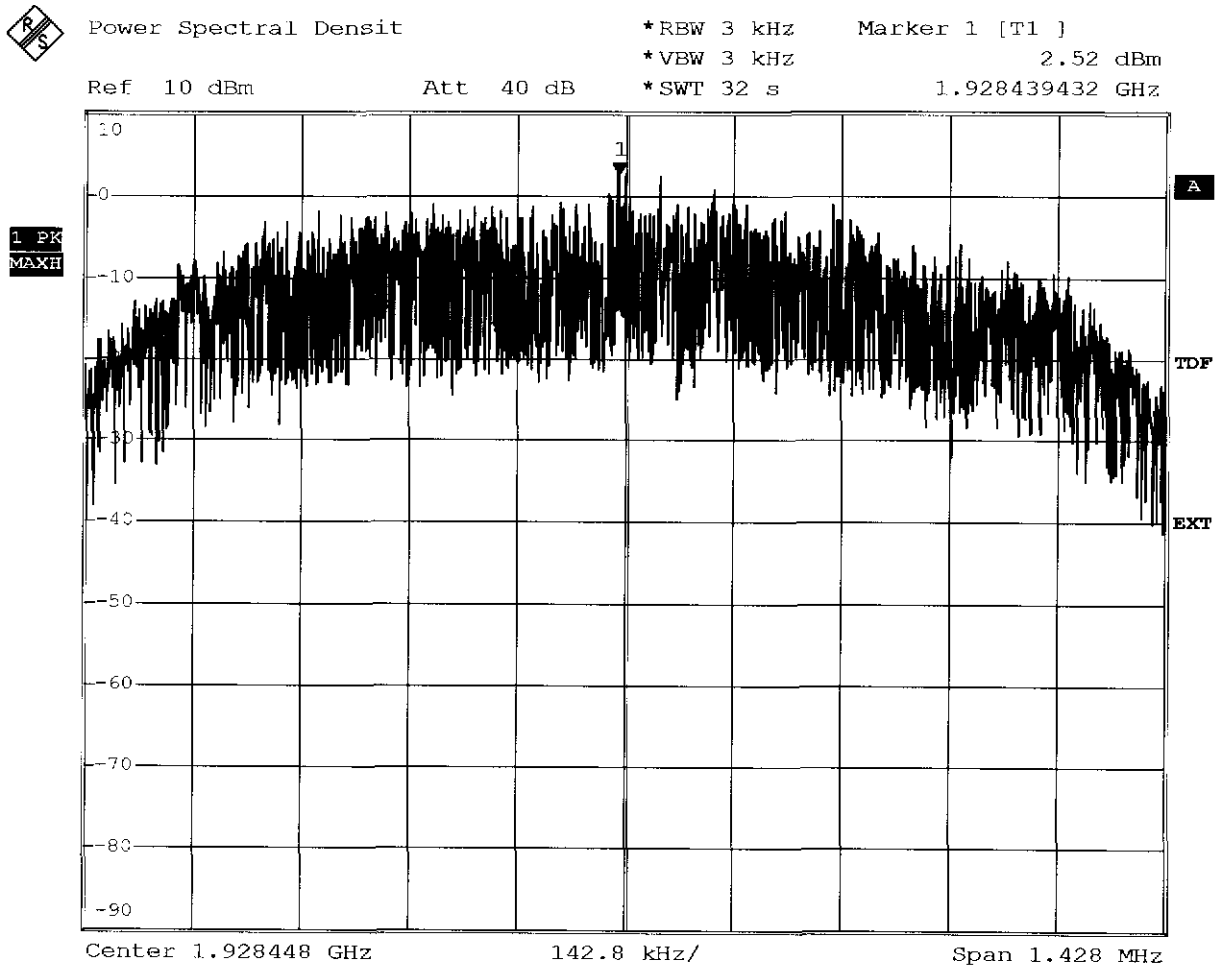
Comment: Ansi C63.17-1998 6.1.5
Date: 16.AUG.2005 14:51:52

Measurement diagram

FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
	Test step 1 initial condition



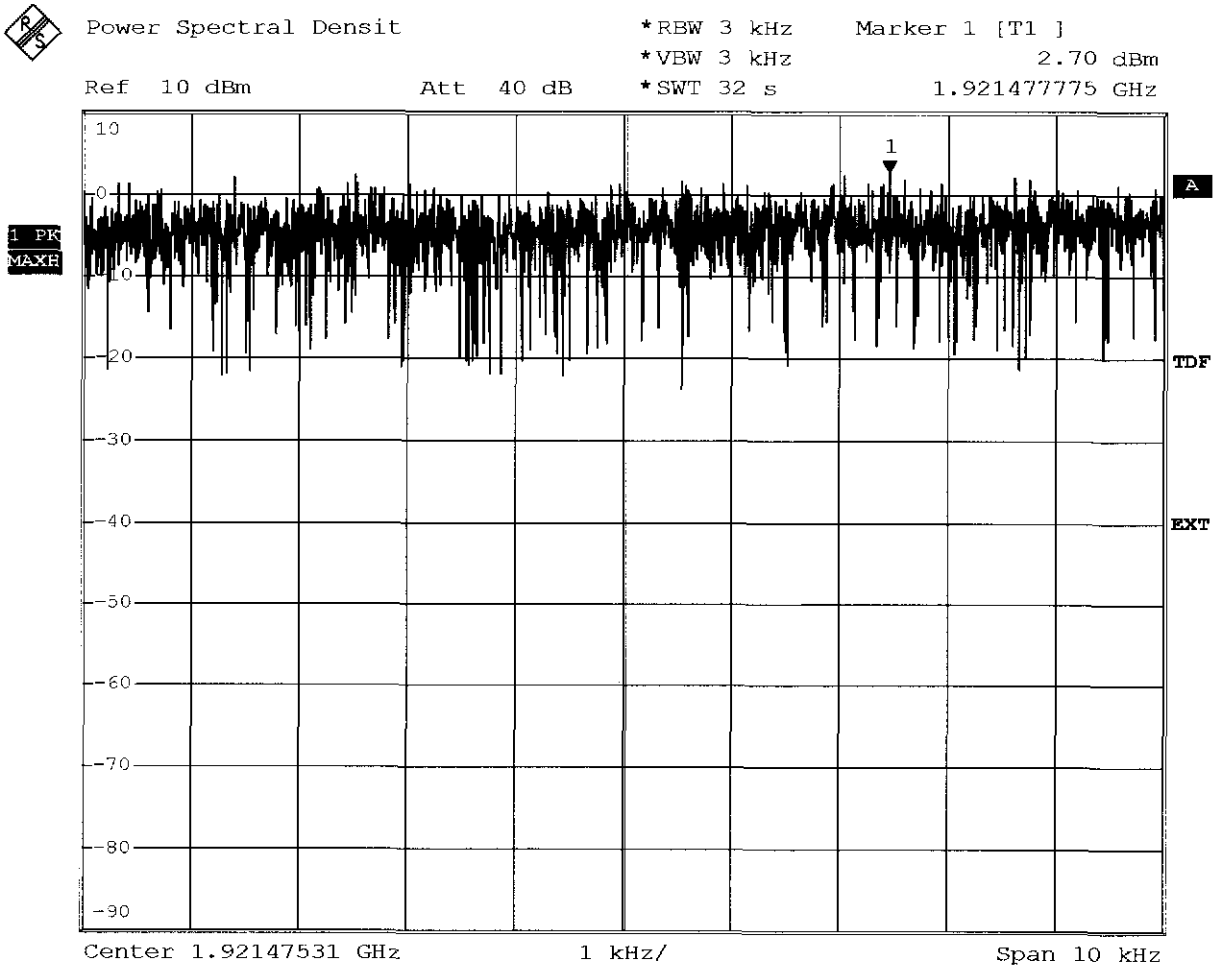
Comment: Ansi C63.17-1998 6.1.5
Date: 16.AUG.2005 15:06:00

Measurement diagram

FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
Measured Maximum	2.701 dBm
Value in mW	1.862mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



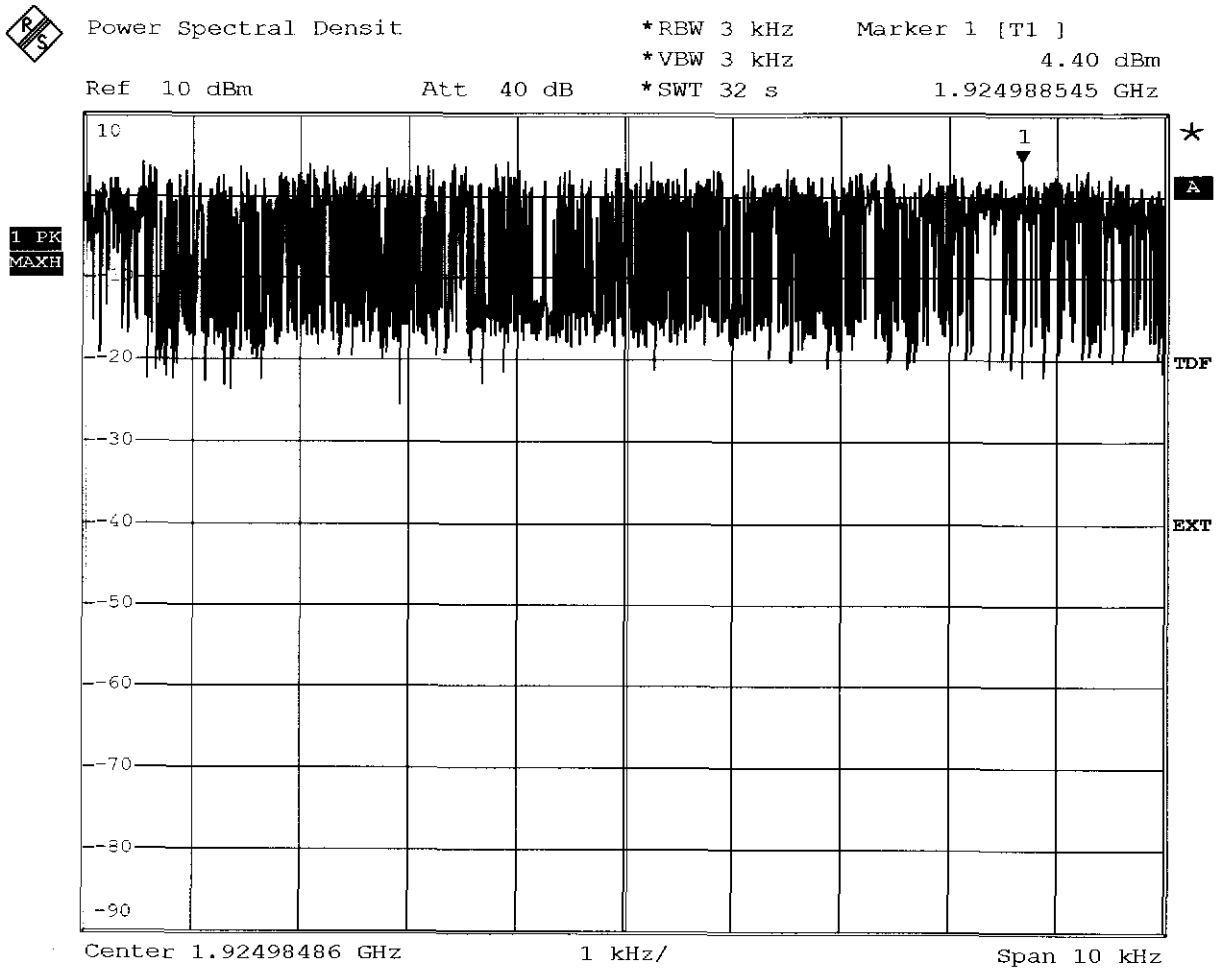
Comment: Ansi C63.17-1998 6.1.5
Date: 16.AUG.2005 15:02:39

Measurement diagram

FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
Measured Maximum	4.404 dBm
Value in mW	2.757mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



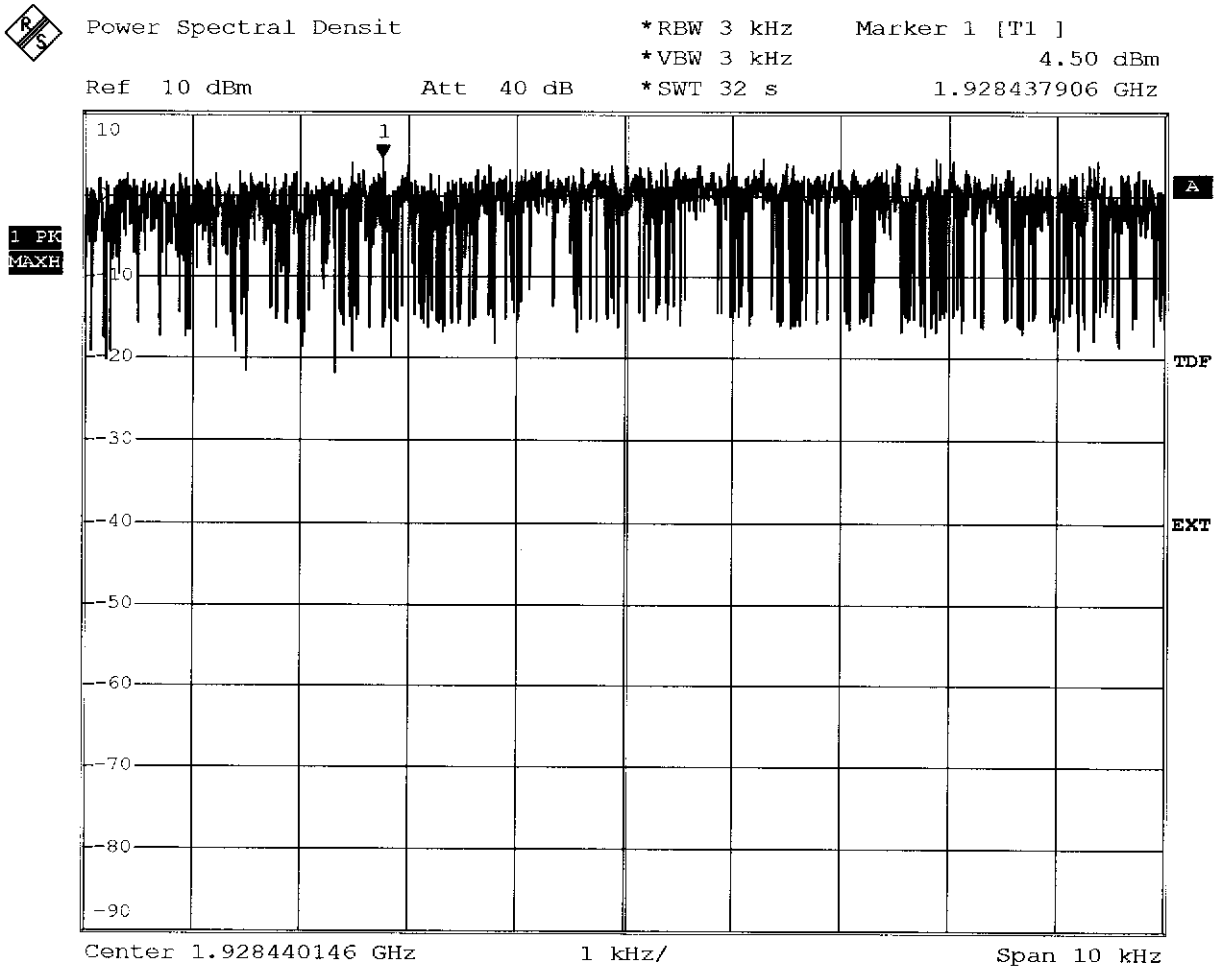
Comment: Ansi C63.17-1998 6.1.5
Date: 16.AUG.2005 14:57:01

Measurement diagram

FCC Part 15.319(d) Power spectral density

Test procedure ANSI 63.17-1998 6.1.5
UPCS

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.5 Power spectral density
Measured Maximum	4.503 dBm
Value in mW	2.82mW
Maximal permitted	limit=3mW
Test result	Verdict = PASS



Comment: Ansi C63.17-1998 6.1.5
Date: 16.AUG.2005 15:10:45

Measurement diagram

Appendix I

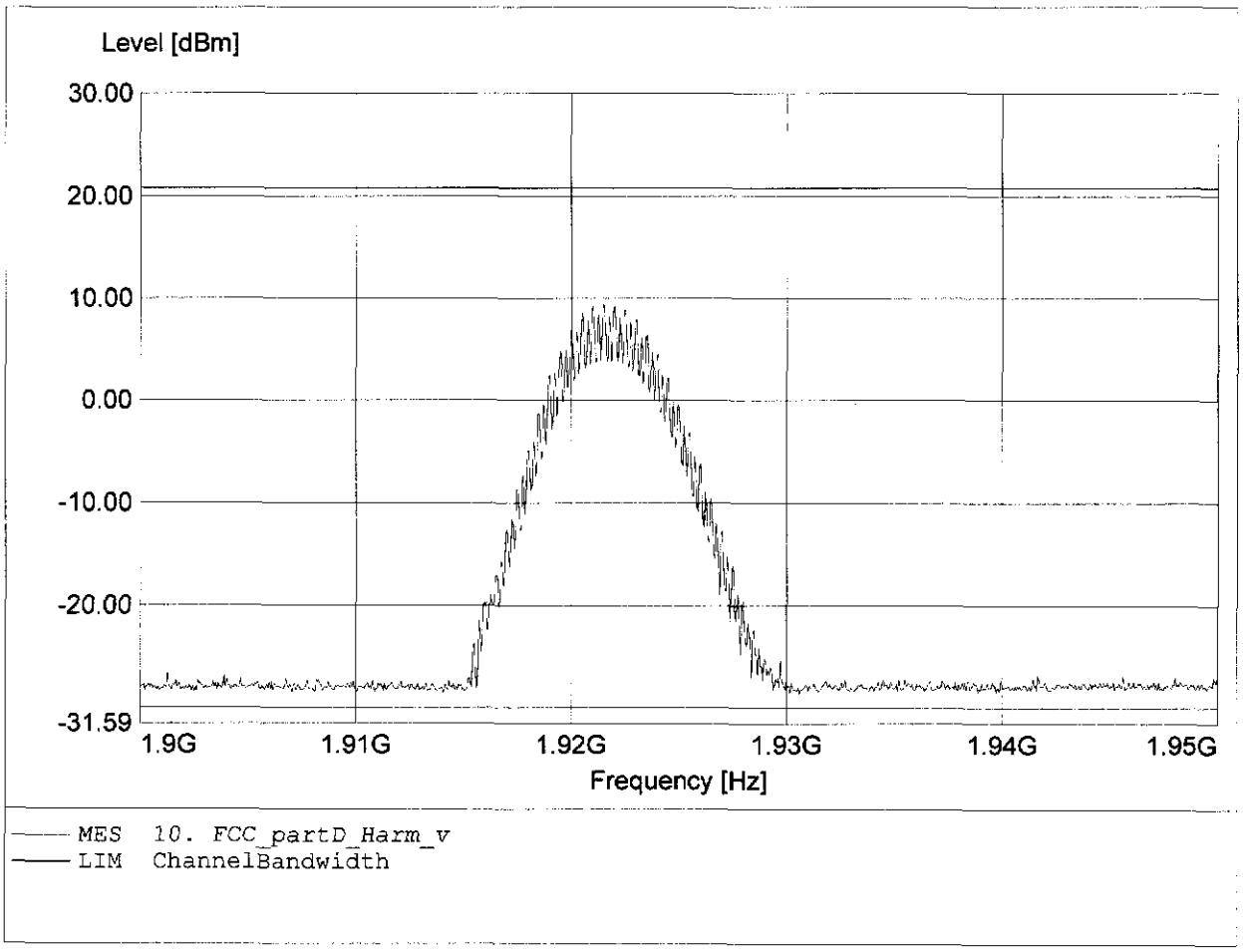
Directional gain of the antenna

Appendix J

Radio frequency radiation exposure

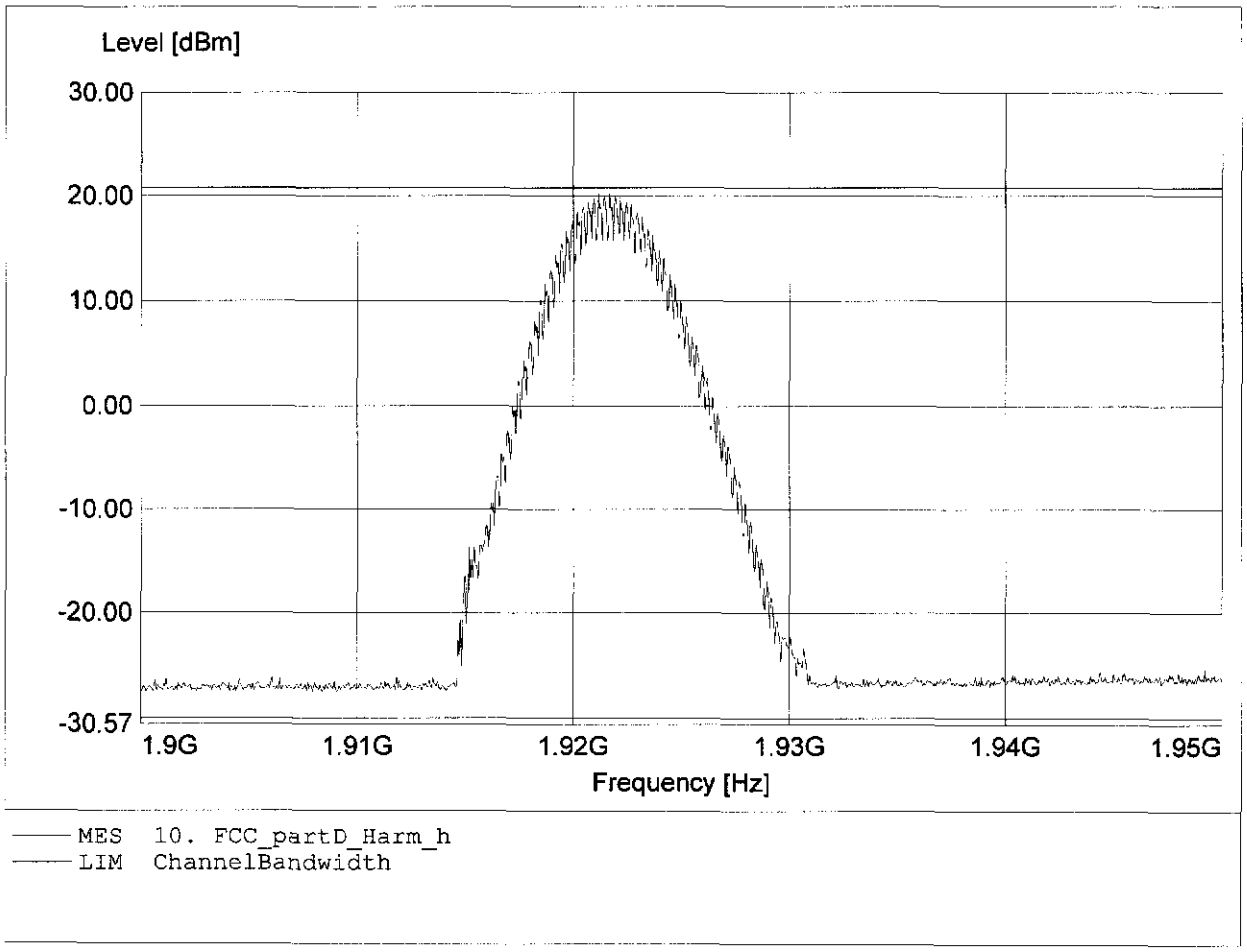
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 1 / ch.: 4
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.921GHz Pmax:9.37dBm RBW: 5 MHz



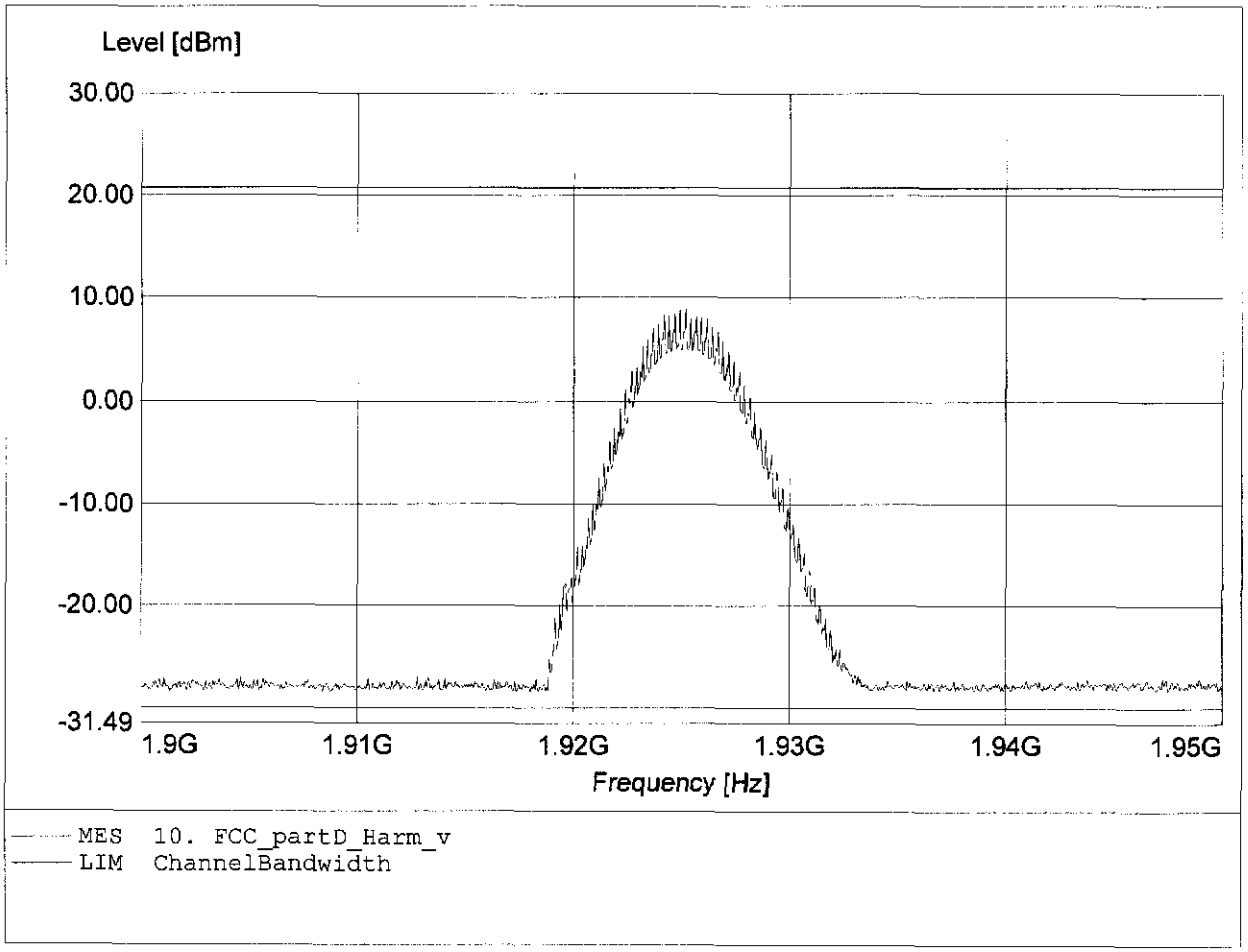
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 1 / ch.: 4
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.922GHz Pmax:20.24dBm RBW: 5 MHz



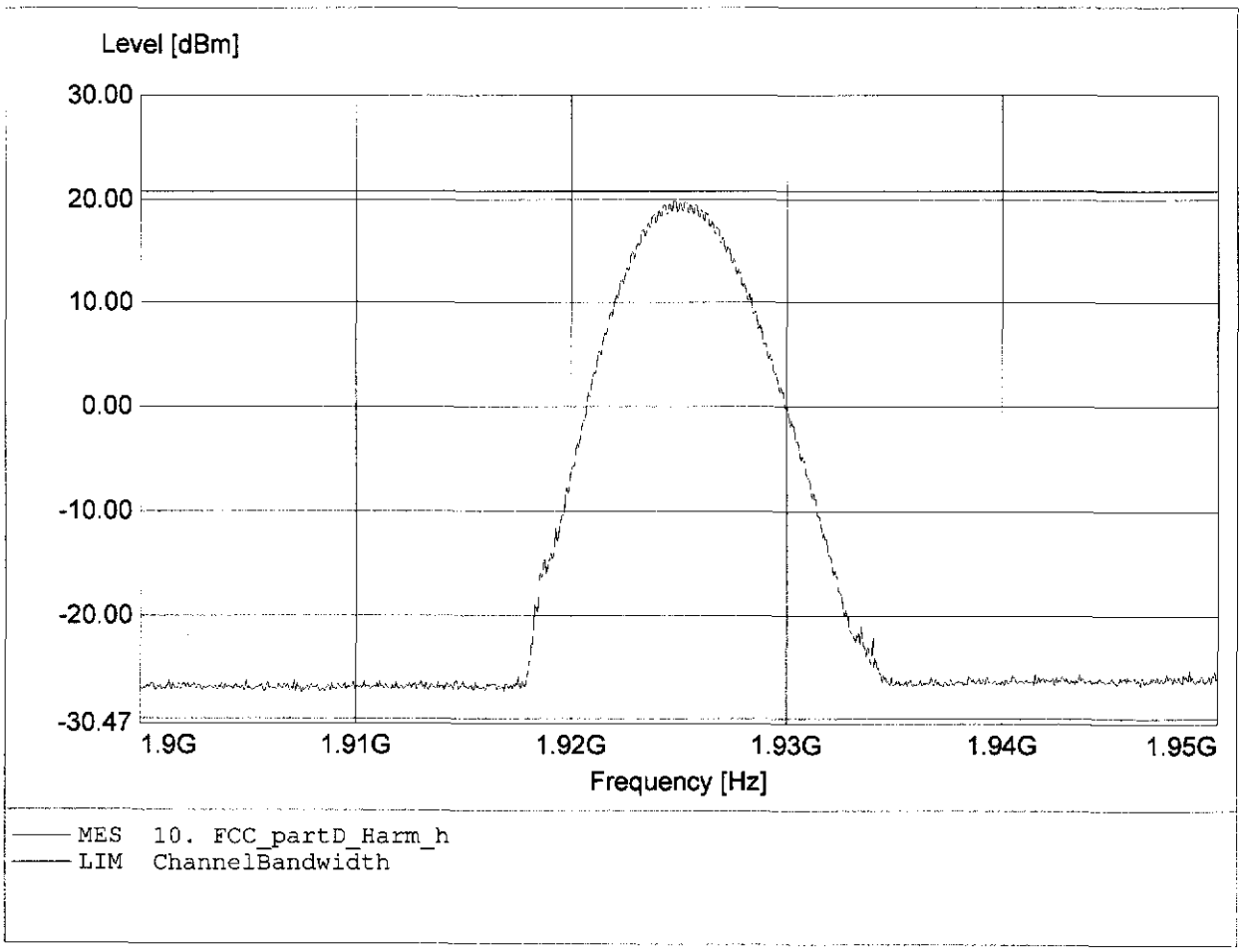
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 1 / ch.: 2
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.925GHz Pmax:8.87dBm RBW: 5 MHz



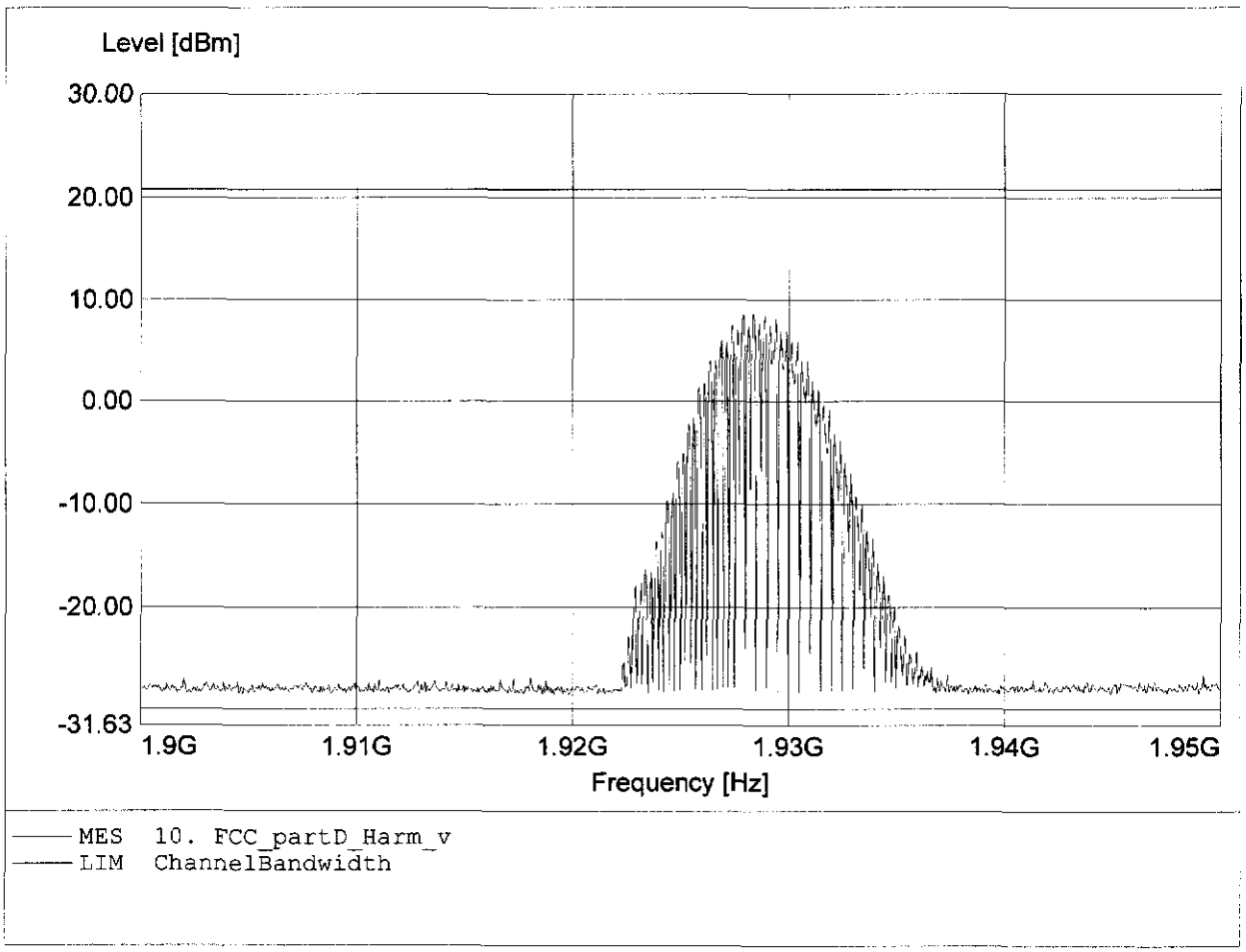
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 1 / ch.: 2
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.925GHz Pmax:19.89dBm RBW: 5 MHz



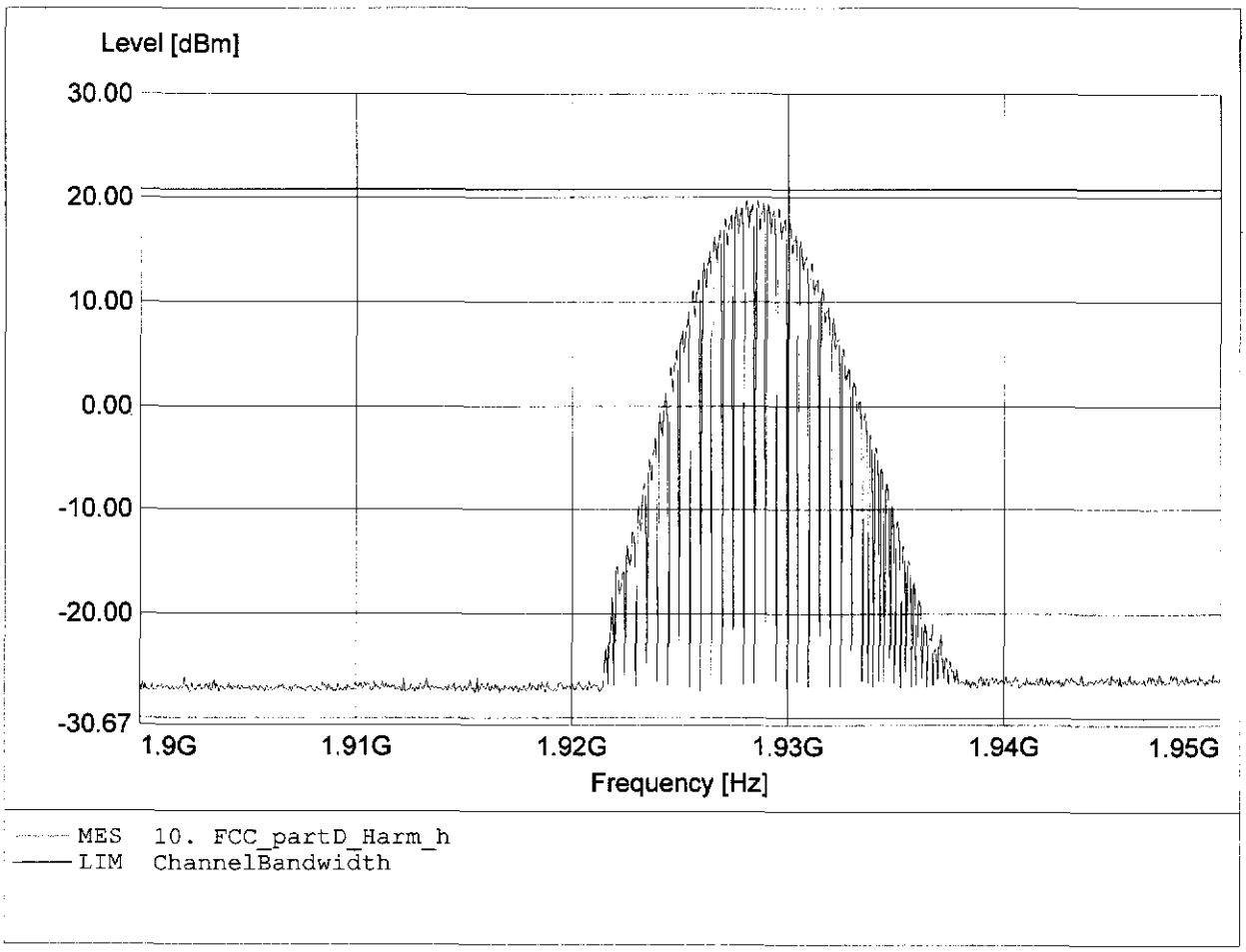
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 1 / ch.: 0
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.928GHz Pmax:8.65dBm RBW: 5 MHz



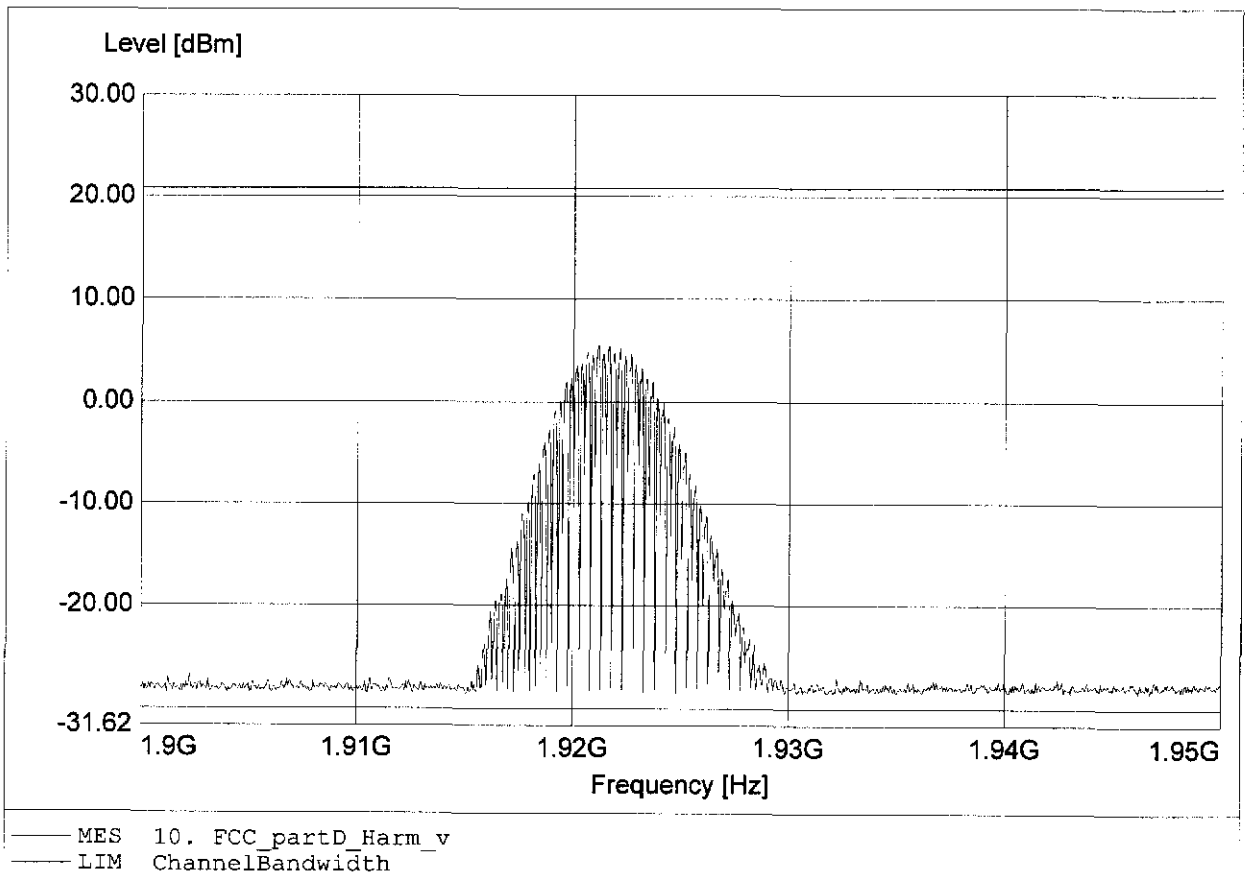
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 1 / ch.: 0
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.929GHz Pmax:19.70dBm RBW: 5 MHz



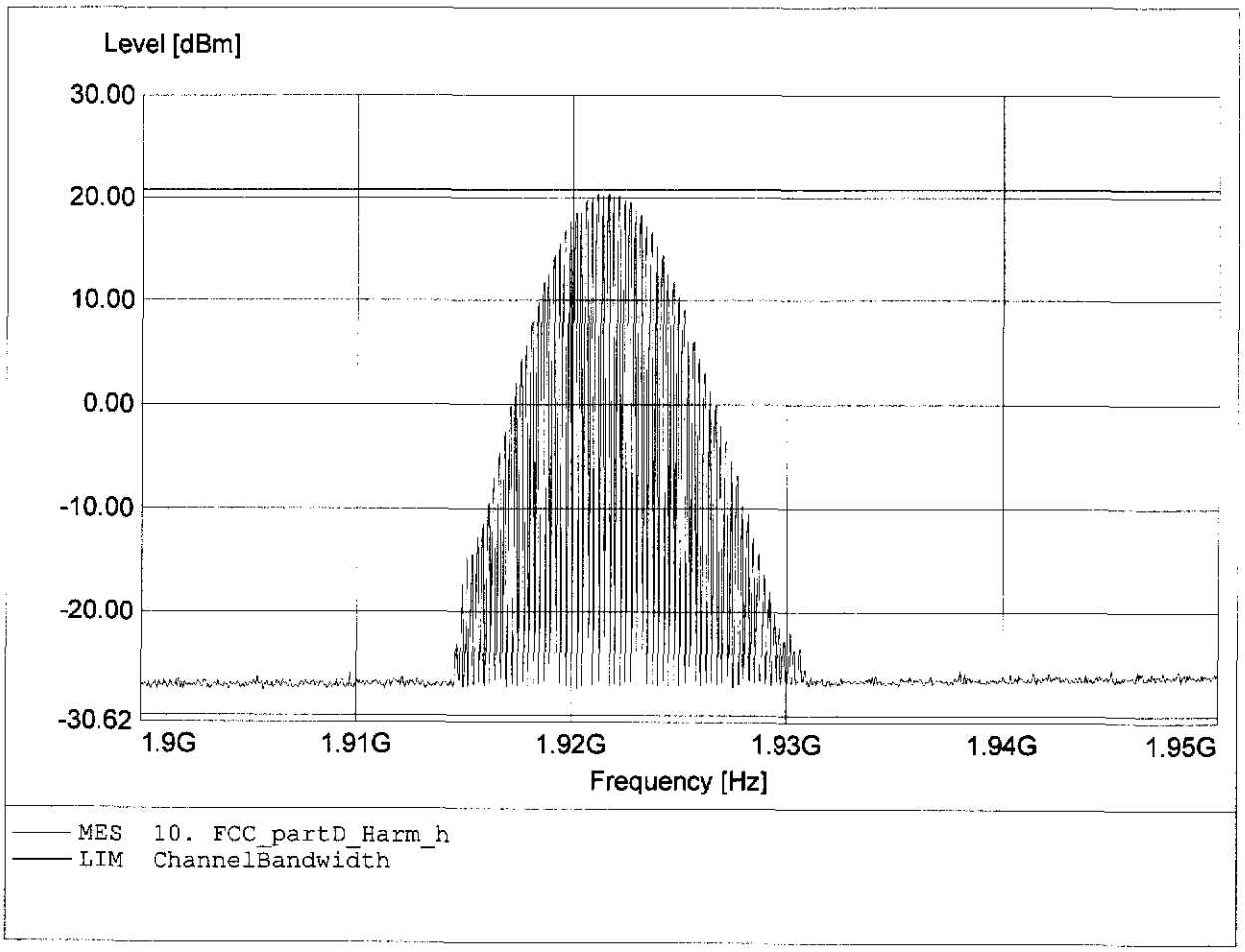
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 2 / ch.: 4
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.921GHz Pmax:5.52dBm RBW: 5 MHz



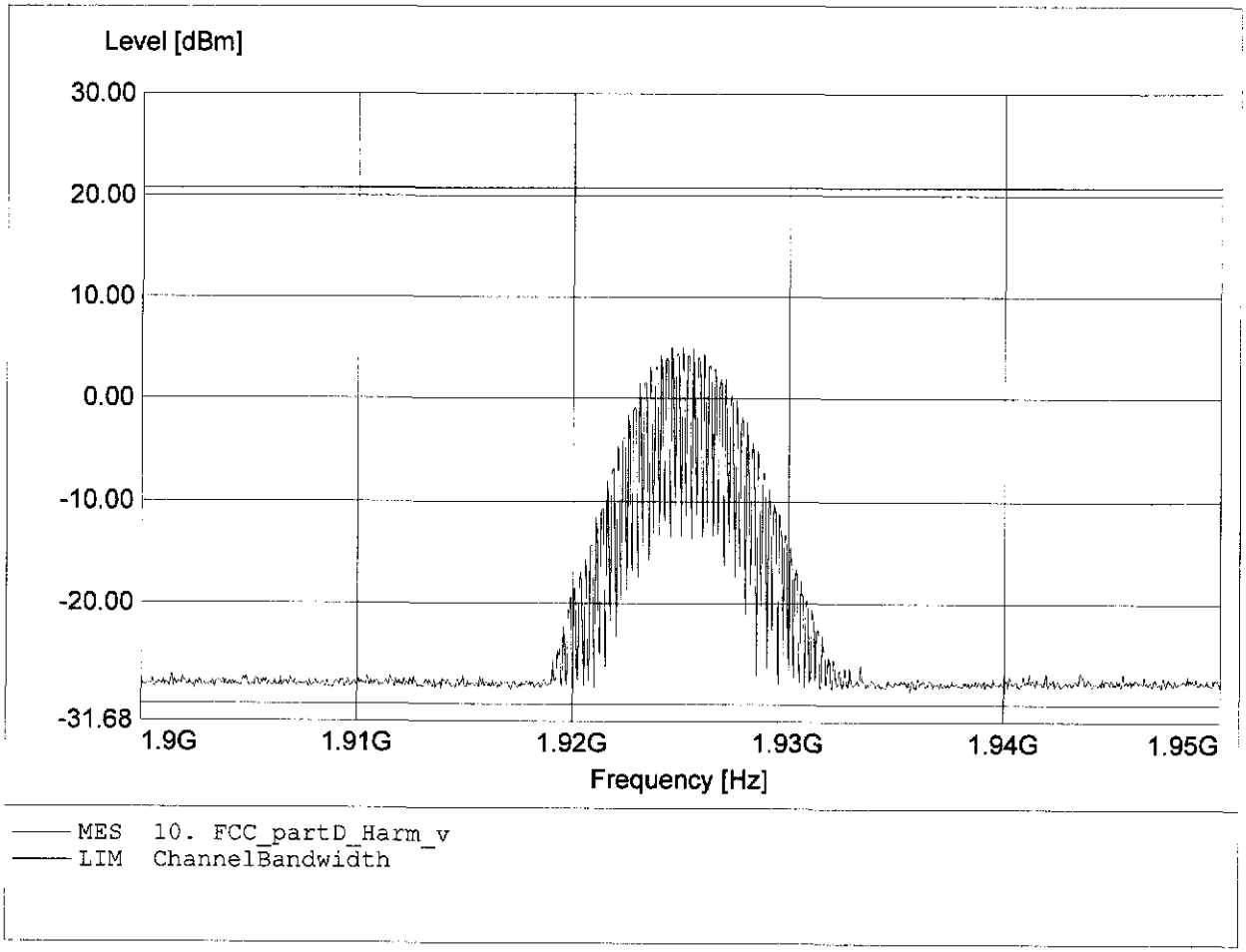
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 2 / ch.: 4
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.922GHz Pmax:20.39dBm RBW: 5 MHz



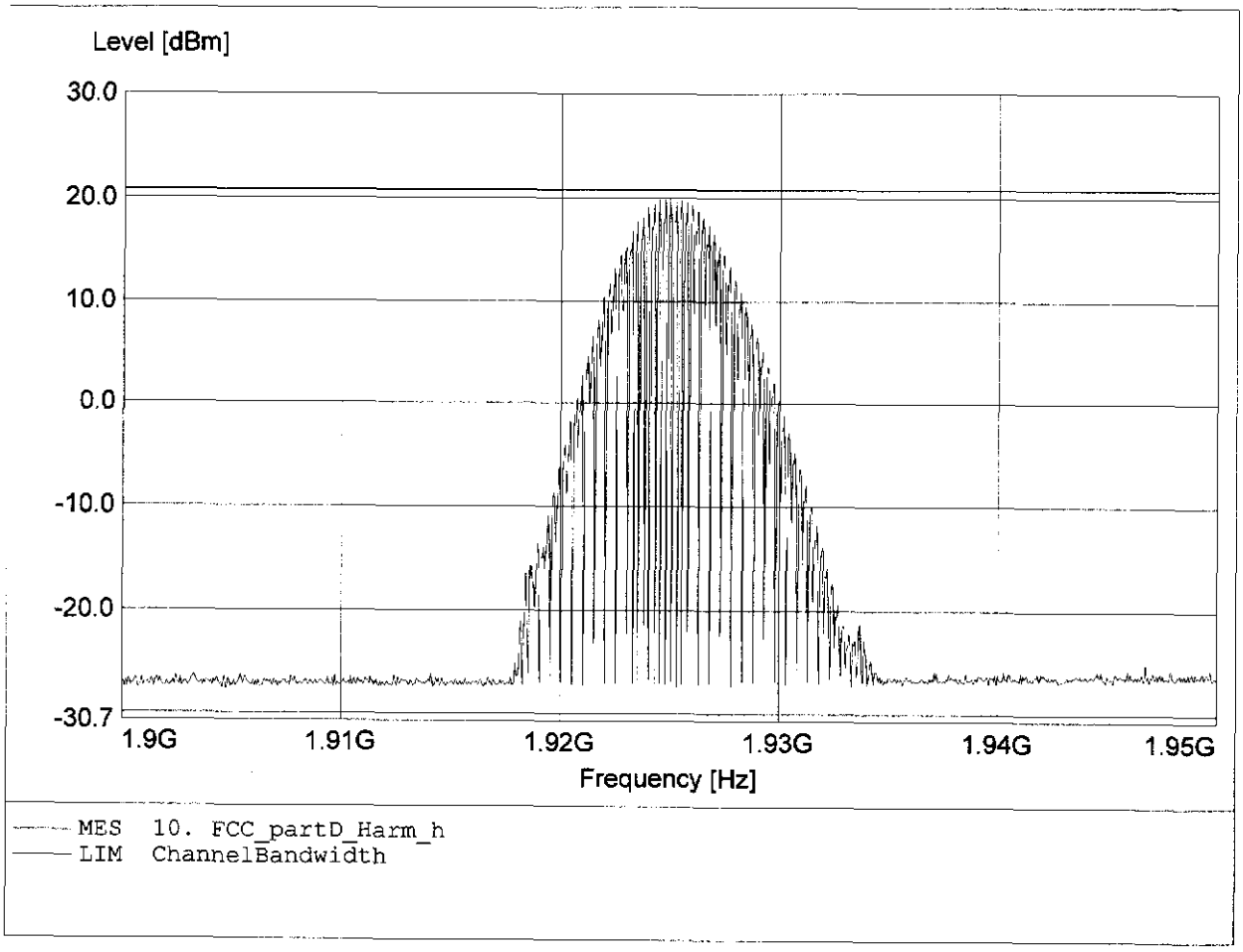
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 2 / ch.: 2
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.925GHz Pmax:5.08dBm RBW: 5 MHz



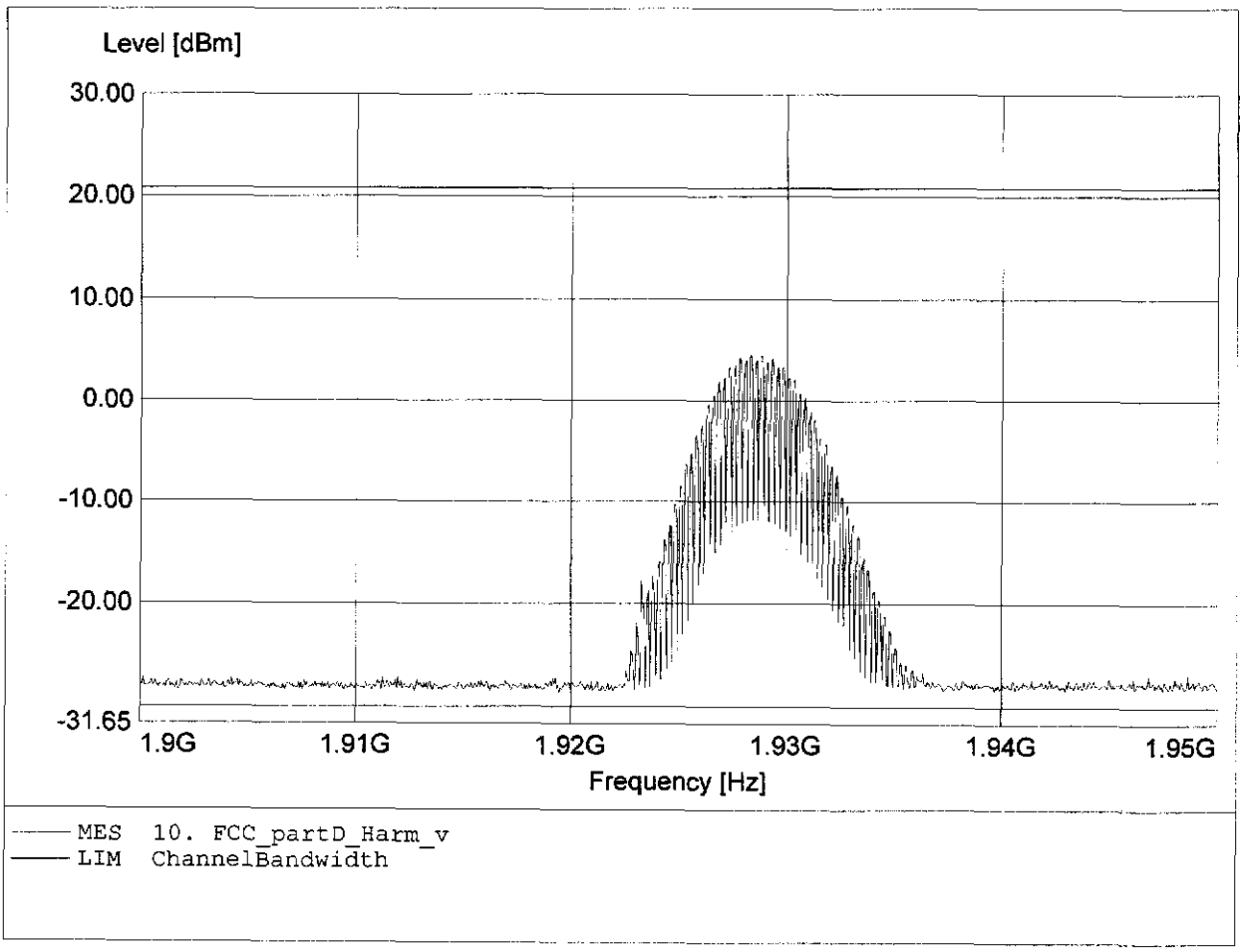
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 2 / ch.: 2
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.925GHz Pmax:19.97dBm RBW: 5 MHz



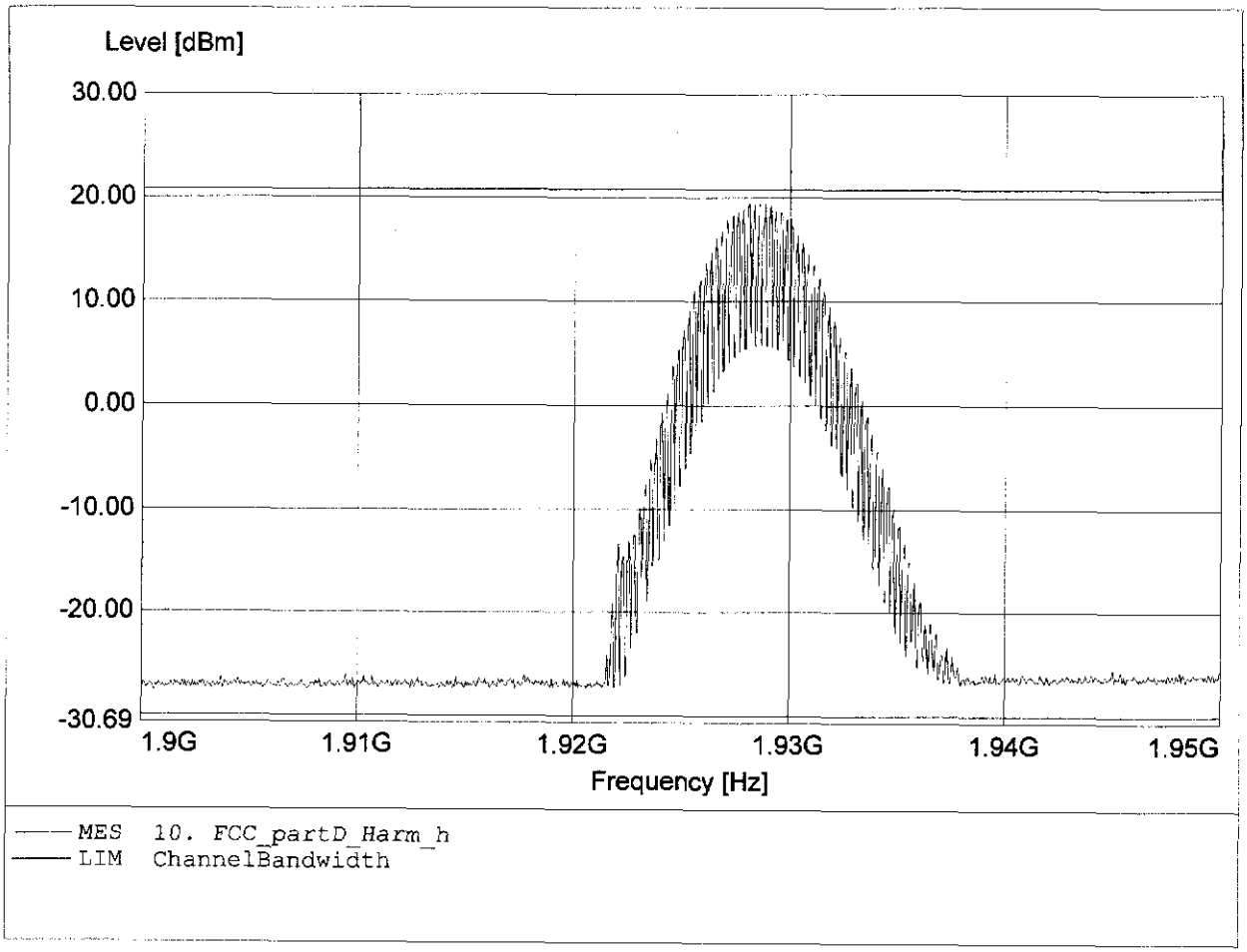
Peak Transmit Power, Radiated
FCC RULES PART 15, SUBPART D

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 2 / ch.: 0
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.928GHz Pmax:4.64dBm RBW: 5 MHz



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

Applicant:	RTX America Inc.
EUT:	Handset RTX3080
Model:	RTX3080 / ant.: 2 / ch.: 0
Temperature/ Voltage:	Temp.: 23°C, Unom.: 2x1.2 VDC
Test Site / Operator:	ETS / Mr. Marquardt
Test Specification:	Fully anechoic chamber / mode: Tx
Comment 1:	Dist.: 3m, Ant.: HL 025,
Comment 2:	Freq:1.928GHz Pmax:19.46dBm RBW: 5 MHz



Appendix K

Monitoring threshold

Test case	ANSI_7.3.1.1.3_upper_theshold.xml Date 19.08.2005 09:08:49
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	initial setup
	Handset RTX3080 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	
00:02:50.7968750	-81,7 -90,9	-80,6 -90,9	-82,3 -91	-52 -76,3	-81,8 -91,2	No interference
00:02:57	-49,2 -52,3	-49,4 -52,3	-50,1 -52,6	-47,5 -52,5	-50,8 -52,3	-52,4 dBm
00:03:51.8125000	-53 -53,3	-53,1 -53,3	-51,2 -53,3	-53,1 -53,4	-52,9 -53,3	-53,4 dBm
00:04:06.1250000	-54 -54,3	-54 -54,3	-40,9 -54	-54,1 -54,4	-54 -54,3	-54,4 dBm
00:04:18.7031250	-54,9 -55,3	-55 -55,3	-53,9 -55,3	-55 -55,3	-54,9 -55,3	-55,4 dBm
00:04:33.9062500	-51,7 -56,3	-56 -56,3	-55,9 -56,3	-56 -56,4	-56 -56,4	-56,4 dBm
00:04:44.9062500	-53,6 -57,4	-56,9 -57,4	-56,8 -57,3	-57 -57,4	-56,9 -57,4	-57,4 dBm
00:05:39.3437500	-55,7 -57,9	-39,5 -57,3	-56 -58,1	-56,4 -58,3	-56,7 -58,3	-58,4 dBm
00:05:52.4531250	-56,7 -59,2	-56,8 -59	-52,1 -59,1	-57,3 -59,2	-57,7 -59,3	-59,4 dBm
00:06:13.1406250	-41,4 -59,4	-57,4 -60,1	-57,9 -60,4	-58,3 -60,3	-58,6 -60,3	-60,4 dBm
00:09:22.5625000	-58,1 -61,1	-58,5 -61,3	-40,2 -59,7	-59,2 -61,3	-59,7 -61,4	-61,4 dBm
00:09:52.3437500	-58,1 -62	-58,2 -62,1	-56,3 -62,1	-41,9 -60,6	-16,8 -36,5	Upper threshold - 62,4 dBm

Test case	ANSI_7.3.2.1.2_least_interfered_channel.xml Date 19.08.2005 11:05:20
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	7.3.2.1.2_d Handset RTX3080 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	
02:04:06.3750000	-80,5 -90,9	-81,7 -90,9	-80,8 -90,8	-82,4 -91,1	-57,9 -81,8	Interference off
02:04:15.3125000	-55,8 -56,2	-55,8 -56,2	-55,8 -56,2	-73,5 -77,1	-42,4 -65,2	Interferenc on
02:05:08.5937500	-52,5 -55,9	-48,5 -55,7	-42,1 -55,5	-16,8 -37,1	-43,4 -67,9	Ok 1
02:05:19.9531250	-55,8 -56,2	-55,8 -56,2	-55,9 -56,2	-58,9 -76,2	-68,4 -70,3	
02:05:28.7968750	-52,1 -55,9	-51,7 -55,7	-42,6 -55,6	-17 -36,6	-42,9 -67,6	Ok 2
02:05:35.1562500	-52,8 -53,2	-53 -53,7	-53,6 -54	-57,4 -74,5	-67,6 -69,4	
02:05:46.2812500	-52,2 -55,9	-50,8 -55,7	-44,6 -55,7	-17 -37,1	-44,3 -67,8	OK 3
02:05:52.6562500	-55,8 -56,2	-55,8 -56,2	-55,8 -56,2	-42,6 -66,5	-68,5 -70,4	
02:06:03.3906250	-52,4 -55,8	-52 -55,8	-43,4 -55,8	-16,9 -36,4	-45 -67,6	OK 4
02:06:14.3906250	-53,1 -56,2	-53,3 -56,2	-53,6 -56,2	-56,3 -75,6	-67,7 -70,3	
02:06:23.5937500	-52,1 -55,9	-51,4 -55,9	-39,2 -55,4	-16,9 -36,7	-44,3 -67,4	OK 5

Test case ANSI_7.3.2.1.2_least_interfered_channel.xml
Date 19.08.2005 10:58:53

Reference to the EUT G0M20508-9731 / RTX3080

Comment: 7.3.2.1.2_c

Handset RTX3080
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	
01:56:50.6250000	-81,6 -90,9	-59,9 -83,4	-80,6 -91	-82,3 -91	-81,7 -91,1	Interference off
01:56:59.7031250	-52,9 -56,2	-51,5 -56,2	-53,8 -56,2	-67,5 -70,3	-73,8 -77,1	Interference on
01:57:16.5781250	-52,6 -55,8	-52,4 -55,7	-50,7 -56	-40,9 -65,4	-16,9 -36,9	OK 1
01:57:23.0312500	-55,9 -56,2	-55,9 -56,2	-55,8 -56,3	-68,6 -70,4	-42,8 -66,6	
01:57:49.7187500	-52,7 -55,9	-52,2 -55,9	-51 -56	-41,7 -65,6	-16,7 -36,6	OK 2
01:57:58.1875000	-55,7 -56,2	-55,9 -56,2	-55,8 -56,2	-68,7 -70,4	-42,7 -66,6	
01:58:08.0156250	-52,5 -55,9	-52,2 -55,9	-52,2 -56	-42,2 -65,2	-16,9 -37,1	OK 3
01:58:15.6406250	-55,8 -56,2	-55,9 -56,2	-55,8 -56,2	-67,8 -70,4	-58,2 -76,1	
01:58:24.9375000	-52,5 -55,9	-52,2 -55,9	-50,9 -56	-44,5 -65,5	-16,6 -36,9	OK 4
01:59:02.6875000	-55,7 -56,2	-55,8 -56,2	-44,7 -56,1	-68,7 -70,4	-73,8 -77,1	
02:00:15.2343750	-52,5 -55,9	-52,5 -55,9	-49,8 -55,9	-44,7 -65,5	-16,9 -37,1	OK 5

Test case	ANSI_7.3.2.1.2_least_interfered_channel.xml Date 19.08.2005 10:51:56
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	7.3.2.1.2_b Handset RTX3080 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	
01:51:12.7656250	-82,7 -91	-82,2 -91	-80,3 -90,7	-81,5 -91,1	-58,7 -82,5	Interference off
01:51:21.8593750	-55,8 -56,2	-55,8 -56,2	-53,7 -56,2	-68,4 -70,4	-54,8 -63,3	Interference on
01:51:47.8125000	-52,2 -55,9	-51,8 -55,9	-40,4 -55,6	-16,9 -36,5	-42,6 -62,4	Ok 1
01:51:55.0781250	-55,8 -56,2	-55,8 -56,2	-55,8 -56,2	-60,2 -70,2	-62,3 -63,3	
01:52:07.0312500	-52,3 -55,8	-50,9 -55,7	-46 -55,8	-16,9 -36,8	-41,4 -62,2	Ok 2
01:52:14.2343750	-55,8 -56,2	-53,3 -56,2	-55,8 -56,2	-61,8 -70,3	-62,4 -63,4	
01:52:23.1562500	-52,3 -55,9	-49,1 -55,9	-42,8 -55,5	-16,9 -36,5	-41,7 -62,4	Ok 3
01:52:29.5937500	-53,1 -56,2	-55,8 -56,2	-55,8 -56,2	-60,1 -70,3	-62,5 -63,3	
01:52:40.2812500	-52,3 -55,8	-52,1 -55,8	-43,1 -55,6	-16,9 -36,3	-43 -62,4	Ok 4
01:53:00.8281250	-55,8 -56,2	-55,9 -56,2	-55,8 -56,2	-56,5 -70	-62,3 -63,3	
01:53:12.6875000	-52,7 -55,9	-52,1 -55,9	-44,2 -55,7	-16,8 -36,3	-42,2 -62,5	Ok 5

Test case: ANSI_7.3.2.1.2_least_interfered_channel.xml
Date 19.08.2005 10:44:41

Reference to the EUT: G0M20508-9731 / RTX3080

Comment: 7.3.2.1.2_a

Handset RTX3080
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	
01:42:29.8125000	-81,4 -91,1	-60 -83,6	-82,5 -90,8	-81,2 -91,1	-81,5 -91,1	No interference
01:42:36.0312500	-52,9 -56,2	-39,8 -55,7	-53,5 -56,2	-61,1 -63,3	-68,3 -70,3	Interference on
01:42:54.7031250	-52,6 -55,9	-52,5 -55,7	-51,7 -55,9	-44,1 -61,6	-16,9 -36,6	OK 1
01:43:05.2656250	-55,8 -56,2	-53,3 -56,2	-55,8 -56,2	-62,6 -63,3	-42,5 -65,3	
01:43:20.1250000	-52,5 -55,9	-50,7 -55,9	-52,2 -56	-40,8 -61,7	-16,8 -36,9	OK 2
01:43:28.5781250	-55,9 -56,2	-55,8 -56,2	-55,8 -56,2	-62,4 -63,3	-42,2 -65	
01:43:44.6250000	-52,6 -55,8	-52,2 -55,9	-50 -55,8	-41,2 -61,6	-16,7 -36,6	OK 3
01:43:53.2656250	-55,8 -56,2	-53,3 -56,2	-55,9 -56,2	-62,5 -63,4	-42,5 -65,2	
01:44:05.1406250	-52,6 -55,9	-52 -55,9	-48,5 -55,9	-41,3 -61,4	-16,7 -37,3	OK 4
01:44:13.8750000	-55,8 -56,2	-55,8 -56,2	-55,9 -56,2	-62,5 -63,3	-58,6 -70,1	
01:45:37.8437500	-52,7 -55,8	-52,2 -55,8	-49,2 -55,9	-45,6 -61,7	-16,7 -36,8	OK 5

Appendix L

Monitoring of intended transmit window and maximum reaction time

Test case ANSI_7.5_reaction_time_mid_ch.xml
Date 19.08.2005 11:48:40

Reference to the EUT G0M20508-9731 / RTX3080

Comment: 7.5_low_ch_75us_symb180

Handset RTX3080
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	
02:42:53.0312500	-81,1 -91,1	-81 -90,9	-81,3 -90,9	-58,7 -82,4	-82,3 -90,9	No interference
02:43:05.2656250	-16,9 -36,3	-44,9 -71,8	-56,9 -83,9	-67,7 -87,8	-70,3 -88,9	Test connection
02:43:21.6406250	-41 -55,7	-53,6 -56,5	-51,3 -70,1	-54,3 -56,1	-54,8 -56,3	50 µs
02:43:29.5937500	-53 -56,2	-52 -56,5	-51,2 -70,1	-55,8 -56,3	-55,9 -56,4	No connection
02:45:22.0468750	-41,6 -55,8	-56,1 -56,5	-47 -66,1	-55,9 -56,3	-56 -56,4	35 µs
02:45:33.8437500	-52,9 -56,1	-53,6 -56,4	-46,1 -65,8	-41,7 -55,9	-54,7 -56,2	No connection
02:46:31.9687500	-55,9 -56,2	-51,7 -56,5	-42,2 -58,7	-54,3 -56,3	-54,9 -56,3	75 µs on start of slot
02:46:47.5156250	-53,2 -56,2	-53,5 -56,4	-42,3 -58,6	-42,9 -56	-54,8 -56,2	No connection
02:47:18.8593750	-53 -56,2	-39,3 -55,8	-41,6 -58,8	-54,4 -56,3	-55,9 -56,3	75 µs on midd. of slot
02:47:35.6093750	-52,9 -56,2	-42,3 -55,9	-41,6 -58,9	-54,3 -56,2	-54,8 -56,3	No connection
02:48:05.0625000	-55,8 -56,2	-56,1 -56,5	-52 -70,2	-56 -56,3	-54,8 -56,3	75 µs on end of slot
02:48:18.3750000	-50,2 -55,8	-45,8 -55,9	-16,9 -36,8	-42,4 -55,8	-49,3 -56,2	No connection

Test case ANSI_7.5_reaction_time_low_ch.xml
Date 19.08.2005 11:36:17

Reference to the EUT G0M20508-9731 / RTX3080

Comment: 7.5_low_ch_75us_symb180

Handset RTX3080
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	
02:33:11.2500000	-81 -90,9	-56,8 -81,1	-80,3 -91	-81,9 -91,1	-81,7 -91,1	Interference off
02:33:25.0468750	-65,4 -88,1	-55,6 -84,4	-42,9 -67,2	-16,8 -36,1	-44,7 -71,9	Test connection
02:33:38.9375000	-52 -67	-40,1 -55,7	-53,7 -56,2	-54,4 -56,3	-54,8 -56,3	50 µs
02:33:49.3593750	-50,6 -66,8	-50,9 -56,1	-53,8 -56,1	-54,3 -56,2	-54,8 -56,3	No connection
02:34:38.4062500	-45,5 -63,4	-53,2 -56,2	-53,7 -56,2	-54,3 -56,3	-54,8 -56,3	35 µs
02:34:53.3125000	-45,5 -63,2	-53,2 -56,2	-41,9 -55,7	-54,4 -56,3	-54,7 -56,3	No connection
02:35:29.8593750	-40,8 -56,1	-53,7 -56,1	-53,9 -56	-54,3 -56,1	-54,8 -56,2	75 µs on start of slot
02:35:42.0156250	-41,1 -56,2	-53,6 -55,8	-40,1 -55,6	-54,3 -56,1	-54,7 -56,3	No connection
02:36:33.9687500	-41,6 -56	-52 -56,2	-55,9 -56,3	-55,9 -56,3	-56 -56,3	75 µs on midd. of slot
02:36:46.1406250	-41,5 -55,9	-53,4 -56,1	-53,8 -56,1	-54,4 -56,2	-54,7 -56,2	No connection
02:37:27.2500000	-41,2 -55,3	-55,8 -56,3	-55,8 -56,3	-56 -56,3	-56 -56,3	75 µs on end of slot
02:37:39.5000000	-40,9 -55,3	-52,9 -56,1	-53,7 -56	-39,4 -55,6	-54,8 -56,3	No connection

Test case ANSI_7.5_reaction_time_high_ch.xml
Date 19.08.2005 11:22:18

Reference to the EUT G0M20508-9731 / RTX3080

Comment: 7.5_high_ch_50/35/75us

Handset RTX3080
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	
02:18:21.4062500	-41 -65,8	-81,6 -91,2	-81,4 -90,9	-81,7 -91,1	-81,2 -90,9	No interference
02:18:46.3437500	-16,7 -36,7	-44,2 -71,7	-57,1 -83,4	-67,9 -88,4	-69 -88,6	Test connection
02:19:07.3750000	-53,1 -56,2	-53,5 -56,5	-54,2 -56,6	-49,9 -56,7	-50,8 -66,2	50 µs
02:19:19.3750000	-53,2 -56	-52,4 -56,5	-54 -56,5	-43,7 -56,4	-50,8 -66,1	No connection
02:20:13.7031250	-51,7 -56,2	-53,6 -56,5	-54,1 -56,6	-54,8 -56,8	-45,4 -65,6	35 µs
02:20:34.1093750	-39,3 -55,4	-53,4 -56,4	-54,1 -56,5	-54,7 -56,5	-45,4 -65,4	No connection
02:21:57.3281250	-53 -56,2	-53,5 -56,5	-42,7 -56,7	-54,4 -56,3	-40,9 -54,5	75 µs on start of slot
02:22:37.4375000	-53 -56,2	-53,6 -56,5	-52,7 -57,1	-54,4 -56,3	-40,5 -55,3	No connection
02:22:53.8125000	-51,3 -55,8	-53,4 -56,5	-54,6 -56,9	-54,2 -56,2	-40,5 -55,2	75 µs on midd. of slot
02:23:27.7343750	-43 -55,9	-53,5 -56,5	-54,5 -57,1	-54,3 -56,3	-40,7 -54,9	No connection
02:23:36.7031250	-53 -56,1	-42,3 -55,7	-54,6 -57	-54,2 -56,5	-40,7 -54,9	75 µs on end of slot
02:19:19.3750000	-53,2 -56	-52,4 -56,6	-54 -56,5	-43,7 -56,4	-50,8 -66,2	No connection

Appendix M

Monitoring band width

Test case	ANSI_7.4.1_monitoring_bandwidth.xml Date 19.08.2005 10:29:54
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	7.4.1 simple compliance test_high_+30% Handset RTX3080 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	
01:29:47.9218750	-81,6 -90,7	-58,9 -82,6	-80 -91,2	-80,6 -90,8	-81,3 -91	Interference off
01:29:57.9531250	-69,8 -88,6	-57,2 -83,1	-41 -66,6	-16,9 -36,9	-42 -70,8	Test connection
01:30:38	-55,8 -56,2	-41,6 -56,1	-56,2 -56,6	-56,3 -56,8	-81,8 -90,8	Interference on
01:30:59.3906250	-53 -56	-39,3 -55,6	-54,2 -56,5	-54,7 -56,7	-80,7 -90,9	No connection

Test case	ANSI_7.4.1_monitoring_bandwidth.xml Date 19.08.2005 10:18:47
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	7.4.1 simple compliance test_ mid_-30% Handset RTX3080 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	
01:19:06.4062500	-17 -36,9	-41,2 -69,4	-56,6 -83	-69 -88,1	-72,9 -89,3	No interference
01:19:37.7031250	-62,4 -86,2	-44,8 -67,7	-16,8 -37	-41,6 -70,2	-56,1 -83,4	Test connection
01:19:50.2031250	-52,9 -56,2	-43,2 -56,1	-81 -90,8	-54,3 -56,2	-54,9 -56,3	Interference on
01:19:57.7031250	-55,8 -56,2	-53,9 -56,5	-80,2 -90,9	-55,9 -56,3	-55,9 -56,3	No connection

Test case	ANSI_7.4.1_monitoring_bandwidth.xml Date 19.08.2005 10:12:32
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	7.4.1 simple compliance test_ mid_+30% Handset RTX3080 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	
01:12:24.7968750	-16,8 -36,4	-41,6 -70,2	-55,9 -84,2	-67,4 -88	-68,1 -88,4	No interference
01:12:56.0468750	-41,3 -67,3	-16,7 -36,7	-41,1 -69,4	-55,5 -84,4	-69,2 -87,7	Test connection
01:13:13.5937500	-55,9 -57,6	-39,8 -55,8	-81,4 -90,9	-55,9 -56,3	-55,8 -56,3	Interference on
01:13:28.6718750	-53,7 -57,2	-52 -56,1	-81,3 -90,9	-54,3 -56	-54,8 -56,2	No connection

Test case	ANSI_7.4.1_monitoring_bandwidth.xml Date 19.08.2005 09:52:38
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	7.4.1 simple compliance test_ low_-30% Handset RTX3080 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	
00:51:56.1406250	-81,5 -90,9	-80,7 -91	-80,9 -90,9	-42,8 -67	-81,6 -90,9	Interference off
00:52:15.0625000	-65,7 -88	-61,5 -85,8	-41,8 -66,9	-16,7 -37,1	-42,4 -71	Test connection
00:53:28.2187500	-80,9 -90,9	-55,8 -56,2	-52,2 -56,2	-55,9 -56,3	-56 -56,3	Interference on
00:54:01.1718750	-82,4 -90,9	-53,2 -55,9	-53,7 -56,1	-39,4 -55,6	-54,8 -56,2	No connection

Test case	ANSI_7.4.1_monitoring_bandwidth.xml Date 19.08.2005 09:59:27
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	7.4.1 simple compliance test_ low_+30% Handset RTX3080 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	
00:59:46.8125000	-81,2 -90,9	-80,5 -90,9	-58,1 -82	-81,7 -91,2	-81,9 -90,9	Interference off
01:00:11.5468750	-45,2 -67,2	-16,9 -36,4	-42,4 -70,5	-56,4 -84,4	-65,7 -88	Test connection
01:00:26.3437500	-80,7 -91	-40,4 -53,4	-53,5 -54	-54,2 -54,6	-54,7 -55,1	Interference on
01:00:39.5000000	-80,7 -90,8	-53 -53,4	-39,5 -53,5	-54,3 -54,6	-54,7 -55,3	No connection

Test case	ANSI_7.4.1_monitoring_bandwidth.xml Date 19.08.2005 10:25:09
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	7.4.1 simple compliance test_ high_-30% Handset RTX3080 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	
01:25:45.4375000	-81,5 -91	-81,4 -91	-42,7 -66,9	-79 -91	-82,1 -90,8	No interference
01:26:15.6718750	-42,6 -66,9	-16,7 -36,9	-41,9 -69,3	-56,1 -83,9	-67 -87,6	Test connection
01:26:26.2656250	-55,9 -56,2	-42 -56,1	-56,2 -56,6	-56,3 -56,8	-81,1 -91,1	Interference on
01:26:40.5468750	-52,9 -56	-53,5 -56,3	-49,4 -56,4	-54,8 -56,8	-80,9 -90,9	No connection

Appendix N

Random waiting interval

Appendix O

Duration of Transmission

Test case	ANSI_8.2.2._Transmission_duration.xml Date 24.08.2005 07:04:57
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	initial setup
	Handset RTX3080 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	
00:00:13.9687500	-59 -85,7	-44,7 -68,2	-16,9 -37,2	-47,5 -72,4	-61 -85,2	
00:08:50.0937500	-71,3 -88,9	-58,3 -85,6	-44,9 -68,3	-17,1 -37,4	-48,4 -72,6	
00:18:50.0312500	-58,7 -85,5	-45,4 -67,6	-17,1 -36,8	-44,5 -70,6	-61,9 -86,1	
00:28:49.9687500	-17,1 -36,8	-46,6 -72,4	-21,6 -45,9	-71 -88,2	-71,8 -88,8	
00:38:50.1093750	-58,1 -85,6	-45,8 -68	-16,6 -36,7	-43,4 -71,2	-61,3 -86,1	
00:48:50.2187500	-68,2 -88,8	-57,7 -85,5	-44,9 -67,8	-16,9 -36,9	-47,8 -72,9	
01:08:49.7500000	-57,8 -84,6	-45,5 -67,8	-17,1 -36,9	-21,6 -45,4	-47,4 -76	
01:58:50.3593750	-45,4 -67,8	-17,1 -36,2	-47 -72	-60,3 -86,1	-70,7 -88,1	
02:08:50.5000000	-16,3 -36,4	-47,3 -72,9	-60,5 -85,2	-70 -88,6	-71,1 -88,5	
02:17:10.0781250	-58,1 -85,7	-45,4 -67,7	-16,9 -36,5	-47,5 -71,8	-59,3 -85,4	
02:27:10.0156250	-45,6 -68,1	-16 -36,9	-47,1 -72,5	-60,5 -85,3	-70,5 -88,1	
02:37:09.5781250	-17 -37,5	-16,8 -36,3	-47 -72,4	-71,1 -88,9	-68,8 -87,7	
02:47:10.0156250	-44,9 -68,5	-17,1 -36,6	-45,5 -71,6	-60 -85,5	-70,9 -88,3	
02:57:10.2187500	-69,4 -88,3	-58 -85,6	-45 -67,5	-16,5 -36,7	-47,7 -72,6	
03:07:10.2031250	-45 -67,4	-17 -36,7	-42,5 -70,7	-60,5 -85,6	-68,9 -88,2	
03:17:10.1718750	-58,6	-45	-16,8	-46,5	-60,4	

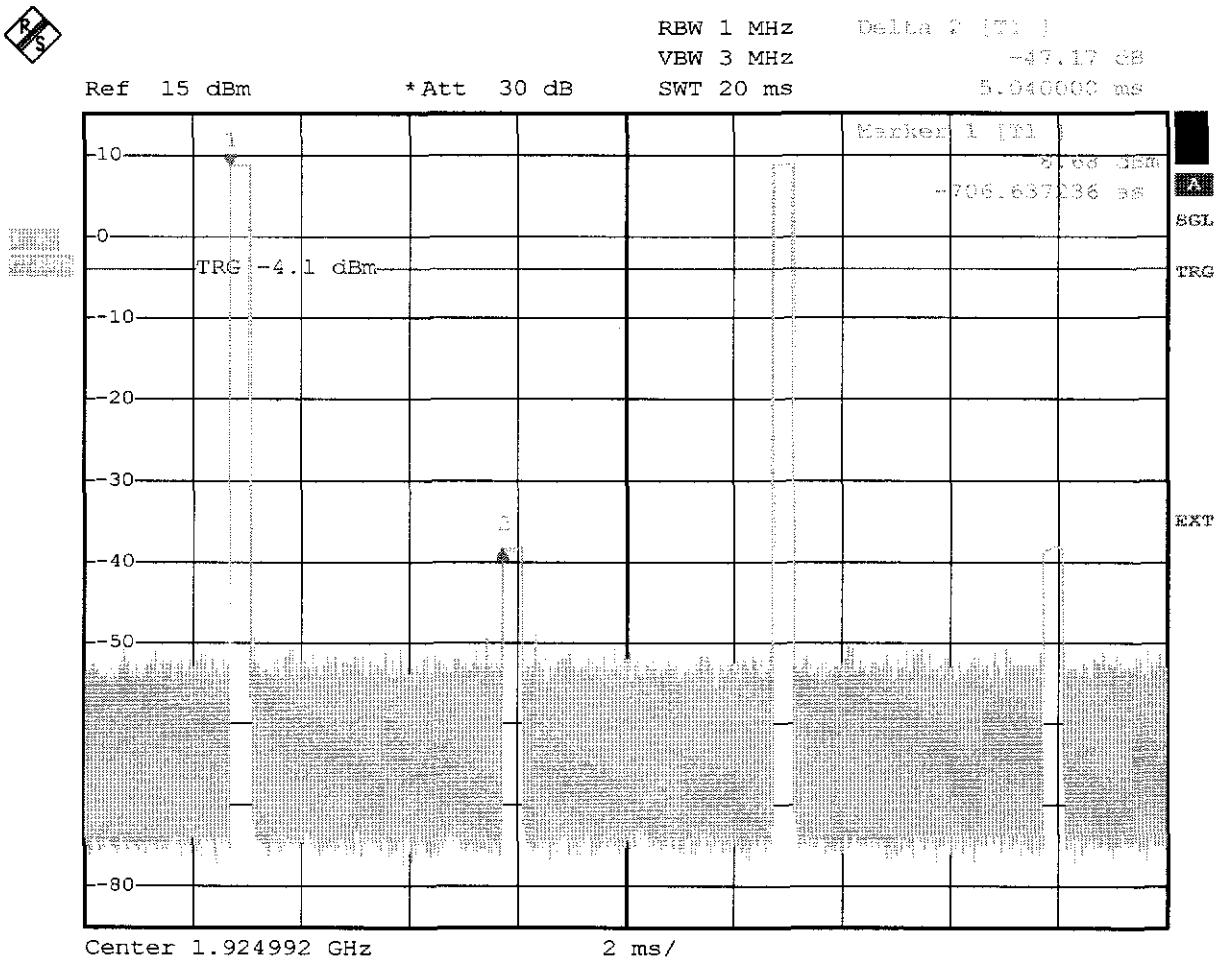
	-85,2	-68,2	-37	-71,5	-85,8	
03:27:10.2187500	-44,9 -68	-17 -37,1	-46,4 -71,4	-59,9 -85,6	-69,1 -88,4	
03:31:20.2968750	-69,9 -88,5	-58 -85,8	-45,6 -68,2	-16,9 -36,9	-46,2 -71	
03:41:20.4531250	-17 -37,9	-47,3 -72,7	-60,1 -85,7	-69,3 -87,7	-70 -88,6	
03:51:20.4218750	-58,5 -85,8	-45,6 -68	-17 -37,8	-47,9 -72,8	-58,9 -85,6	
04:21:20.5937500	-69,3 -88,4	-57,9 -85,3	-45,5 -68,3	-17 -37,6	-45,5 -71,2	
04:31:20.0156250	-45,1 -67,7	-17 -37,2	-45,4 -66,8	-16,9 -36,6	-43,4 -70,9	
05:00:08.2031250	-45,2 -67,8	-16,9 -37,1	-45,6 -71	-59,4 -85,5	-68 -88,3	

Appendix P

Connection acknowledgement

ANSI 8.2.1 Acknowledgments
1 sec. criteria

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
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

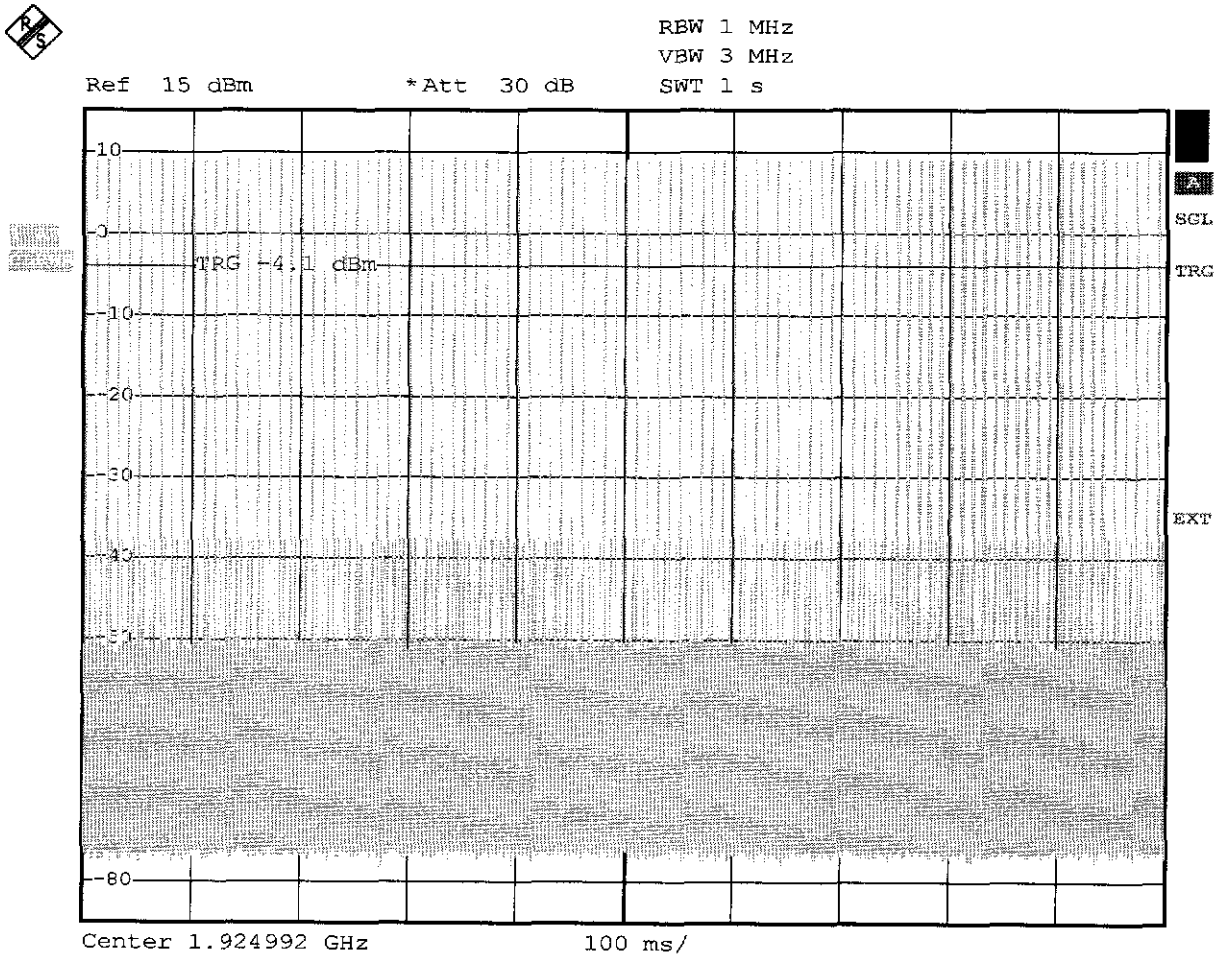


Date: 20.SEP.2005 15:05:45

Measurement diagram

ANSI 8.2.1 Acknowledgments
1 sec. criteria

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
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



Date: 20.SEP.2005 15:08:42

Measurement diagram

Test case	ANSI_8.2.1_Acknowledgments.xml Date 24.08.2005 08:17:29
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	8.2.1 Acknowledgments Handset RTX3080 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	
00:19:45.1406250	-54,3 -66,7	-40,5 -64	-17,2 -35,3	-47,5 -66,5	-58,2 -68,8	Connection on channel 2
00:19:45.2343750	-59,6 -66,7	-45,4 -64,5	-17 -35,5	-47,6 -66,6	-57,3 -68,8	
00:19:45.3125000	-62,8 -66,8	-40,9 -64	-17,3 -35,2	-47,3 -66,6	-56 -68,7	
00:19:45.4062500	-54,4 -66,7	-40,7 -64	-16,8 -35,1	-43,8 -66,2	-60,6 -68,8	
00:19:45.4843750	-54,4 -66,6	-45,9 -64,7	-17,2 -35,4	-47,2 -66,2	-56,8 -68,7	
00:19:45.5781250	-54,8 -66,6	-41,6 -63,9	-16,9 -37,1	-44,4 -66,4	-56,6 -68,7	Turn off the companion device
00:19:45.6718750	-54 -66,7	-45,1 -64	-17,2 -36,4	-47,5 -66,3	-56,5 -68,7	
00:19:45.7656250	-56,6 -66,7	-40,2 -64	-17 -36,4	-43,6 -66	-57,2 -68,6	
00:19:45.8437500	-59,4 -66,9	-40,7 -64	-16,8 -36,5	-46,4 -66,1	-58,2 -68,7	
00:19:45.9375000	-55,4 -66,9	-42,1 -63,9	-17,2 -36,3	-46,9 -66,4	-58,6 -68,7	
00:19:46.0312500	-54,6 -66,8	-45,6 -64,3	-17,1 -36,5	-47,7 -65,7	-55 -68,7	
00:19:46.1250000	-56 -66,7	-45,2 -64,3	-16,5 -36	-44,3 -66,3	-59,2 -68,8	
00:19:46.2031250	-60,8 -66,8	-45,7 -64,1	-16,9 -36,9	-45,3 -66	-59,2 -68,7	
00:19:46.2968750	-57,8 -66,9	-40 -62	-16,9 -36,7	-47,8 -66,6	-59,5 -68,6	
00:19:46.3750000	-55,6 -66,9	-46,3 -64,3	-16,6 -34,8	-44,3 -66,4	-58,4 -68,7	

00:19:46.4687500	-58,7 -66,8	-41,6 -64,3	-16,7 -36,5	-44 -66,3	-56,4 -68,7	
00:19:46.5625000	-55,2 -66,6	-40,4 -63,9	-17 -37,6	-43,1 -66,2	-58,4 -68,7	
00:19:46.6562500	-55,7 -66,8	-46,2 -64,4	-17,3 -36,5	-42,1 -66	-59,7 -68,8	
00:19:46.7343750	-55 -66,7	-45,6 -64,6	-17,1 -37,3	-44,2 -66,5	-58,7 -68,7	
00:19:46.8281250	-54,6 -66,7	-43,2 -64,3	-17,2 -37,3	-47,1 -66,7	-58,6 -68,8	
00:19:46.9218750	-54,3 -66,6	-45,3 -64,2	-17,1 -36,1	-43,6 -66,1	-56 -68,7	
00:19:47.0156250	-57,9 -66,7	-41,1 -63,9	-17,2 -37,1	-47,3 -66,3	-58,1 -68,7	
00:19:47.0937500	-62,2 -66,7	-46,1 -64,2	-16,9 -36,1	-45 -66,3	-58 -68,7	
00:19:47.1875000	-56,2 -66,7	-43,6 -64,1	-17,2 -37,1	-44,2 -66,1	-55,9 -68,7	
00:19:47.2656250	-56,1 -66,7	-40,6 -63,7	-17,1 -38,8	-42,4 -66,1	-55,5 -68,7	
00:19:47.3593750	-56 -66,6	-41,9 -64,2	-17,1 -37	-48,1 -66,3	-59,9 -68,7	
00:19:47.4531250	-54,1 -66,6	-55,6 -66,9	-17,1 -36,7	-43,7 -66,3	-55,6 -68,7	
00:19:47.5468750	-58,7 -66,7	-45,9 -65,1	-16,9 -36,6	-42,9 -66,3	-56,1 -68,8	
00:19:47.6250000	-57,7 -66,7	-40,8 -63,4	-17 -36,6	-45,9 -66,3	-55,4 -68,7	
00:19:47.7187500	-55,4 -66,7	-46,1 -64,6	-17 -37	-42 -66,1	-58,5 -68,8	
00:19:47.8125000	-53,7 -66,7	-45,4 -64,2	-17,1 -36,6	-43,2 -65,8	-58,3 -68,8	
00:19:47.9062500	-57,9 -66,8	-43,8 -64,1	-17 -36,5	-45,4 -66,4	-58 -68,8	
00:19:47.9843750	-54,7 -66,7	-44,5 -64,3	-16,9 -36,8	-48,5 -66,5	-60,5 -68,7	
00:19:48.0781250	-55,7 -66,7	-45,7 -64,6	-16,8 -36,7	-46,7 -66,4	-55,2 -68,7	
00:19:48.1562500	-55,1 -66,7	-45,4 -64,4	-17,1 -37,1	-58,4 -68,1	-57,6 -68,7	
00:19:48.2500000	-54,2 -66,7	-41 -64,1	-17,1 -36,3	-48,2 -66,1	-56,5 -68,8	
00:19:48.3437500	-53,6 -66,6	-46,4 -64,3	-17,1 -36,9	-44 -66,3	-58,1 -68,8	
00:19:48.4375000	-54,3 -66,6	-42,5 -64,4	-17,1 -37	-44,7 -66,3	-55,9 -68,7	
00:19:48.5156250	-56,5 -66,7	-44,9 -64,2	-17,1 -36,3	-43,1 -66,3	-60,1 -68,8	
00:19:48.6093750	-54,8 -66,7	-45 -64,2	-16,9 -37,4	-47,7 -66,5	-56,4 -68,7	

00:19:48.7031250	-56,9 -66,7	-43,1 -63,8	-17 -36,4	-47,4 -66,3	-58,8 -68,7	
00:19:48.7968750	-58,7 -66,7	-44 -64,1	-17,1 -36,6	-46,8 -66,6	-58,2 -68,8	
00:19:48.8750000	-65,2 -66,7	-40,5 -63,4	-17,1 -37,1	-62,3 -68,1	-55,9 -68,7	
00:19:48.9687500	-55,5 -66,7	-44,4 -63,8	-17,1 -37	-48,8 -66,4	-57,4 -68,7	
00:19:49.0625000	-56,8 -66,7	-43,2 -64	-17,2 -37	-43,6 -66	-64,2 -68,8	
00:19:49.1562500	-60,3 -66,7	-46,4 -64,6	-17,1 -36,8	-48,1 -67	-56,1 -68,7	
00:19:49.2343750	-57,9 -66,7	-41,5 -63,7	-17,1 -37	-43,5 -66,2	-54,8 -68,6	
00:19:49.3281250	-54,4 -66,7	-44,9 -64,2	-17,1 -37	-42,8 -65,9	-58,7 -68,8	
00:19:49.4062500	-55,7 -66,7	-41,5 -64,1	-17 -36,5	-43,3 -66,1	-58,8 -68,8	
00:19:49.5000000	-56,2 -66,7	-41,4 -63,7	-17 -37,2	-43 -66,2	-60,4 -68,8	
00:19:49.5937500	-63,2 -66,6	-43 -64	-17 -36,8	-48,8 -66,5	-57,5 -68,8	
00:19:49.6875000	-57,8 -66,7	-42,5 -63,5	-17,2 -36,4	-44,4 -65,9	-56,9 -68,8	
00:19:49.7656250	-57,5 -66,7	-45,6 -64,4	-17,2 -37	-43,6 -66,5	-57,6 -68,7	
00:19:49.8593750	-56,5 -66,7	-58,9 -66,9	-16,9 -36,6	-47,1 -66,5	-56,9 -68,7	
00:19:49.9531250	-60,2 -66,7	-44,6 -64	-17,3 -36,8	-47,6 -66,4	-57,3 -68,8	
00:19:50.0468750	-64,2 -66,7	-42,2 -63,8	-17 -36,8	-46,4 -66,4	-57,3 -68,7	
00:19:50.1250000	-58,2 -66,7	-41,3 -63,9	-17,2 -36,4	-47,1 -66,2	-58,5 -68,7	
00:19:50.2187500	-55,7 -66,7	-45,7 -64,1	-17 -36,9	-47,7 -66,3	-55,2 -68,7	
00:19:50.3125000	-53,5 -66,7	-45,4 -64,4	-17,3 -37,4	-42,9 -66	-56,2 -68,7	
00:19:50.4062500	-53 -66,7	-41,2 -63,9	-17,1 -37,1	-47,2 -66,6	-57,3 -68,8	
00:19:50.4843750	-55,8 -66,7	-42,2 -63,8	-17 -36,5	-46,2 -66,3	-57,4 -68,7	
00:19:50.5781250	-65,3 -66,7	-65,8 -67,1	-83 -91,2	-66,7 -68,1	-67,2 -68,8	No transmit after 5 sec.

Appendix Q

Selected channel confirmation, power accuracy, segment occupancy

Test case	ANSI_7.3.2.2_selected channel confirmation.xml Date 19.08.2005 09:42:20
Reference to the EUT	G0M20508-9731 / RTX3080
Comment:	initial setup Handset RTX3080 RTX Telecom A/S

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

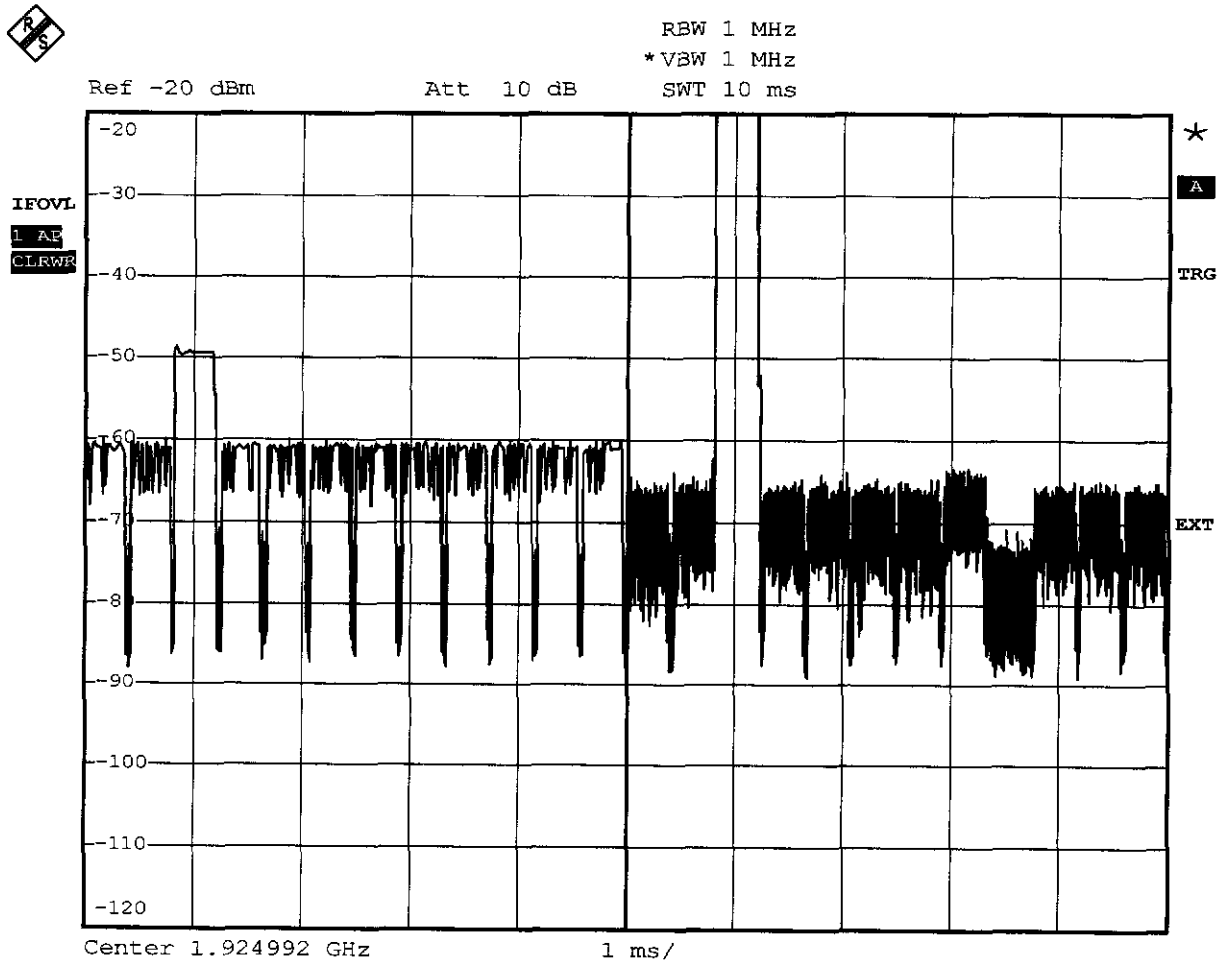
Time stamp	1921.536 MHZ	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:39:14.2968750	-81,8 -91	-81,6 -90,9	-43 -67,3	-80,9 -91,1	-80,7 -91,1	No interference
00:39:37.3906250	-55,7 -56,2	-55,8 -56,2	-55,9 -56,3	-42,9 -65,5	-62,5 -63,4	Interferer on
00:40:32.8125000	-53,1 -56,2	-55,9 -56,2	-42,4 -55,9	-68,5 -70,4	-81,8 -91	f2 swich off
00:40:51.7968750	-52,6 -55,9	-52,3 -55,9	-48,2 -56	-44,8 -65,7	-16,8 -36,6	Connection on f2
00:41:15.9062500	-52,5 -55,9	-51,6 -55,9	-41,9 -55,7	-17 -36,9	-42,4 -62,5	f2 swich on
00:41:24.6875000	-52,4 -55,9	-52,1 -55,9	-38,7 -55,5	-17 -36,5	-43,7 -62,6	Connection on f1

Appendix R

Duplex connections

ANSI 8.2.3 Duplex connections
Rx slot:l.c.t.+13dB, Tx slot:l.c.t.+6 dB

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	Rx time slot 3 is interference free
Comment 2	Connection in Rx time slot 3
Comment 3	Verdict : PASS

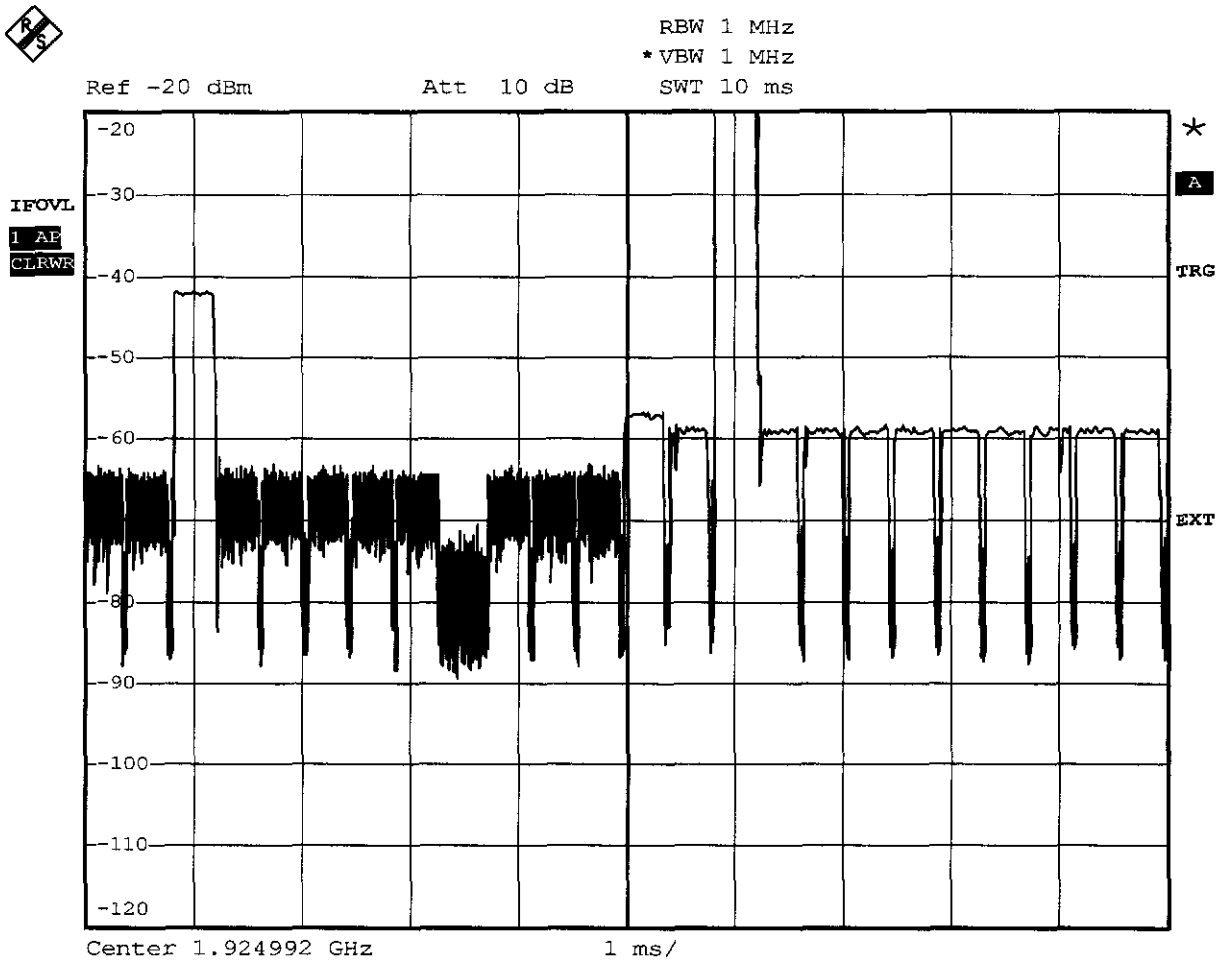


Comment: ANSI C63.17-1998
Date: 17.AUG.2005 14:26:08

Measurement diagram

ANSI 8.2.3 Duplex connections
Rx slot:l.c.t.+6dB, Tx slot:l.c.t.+13 dB

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	Tx time slot 3 is interference free
Comment 2	Connection in Tx time slot 3
Comment 3	Verdict : PASS

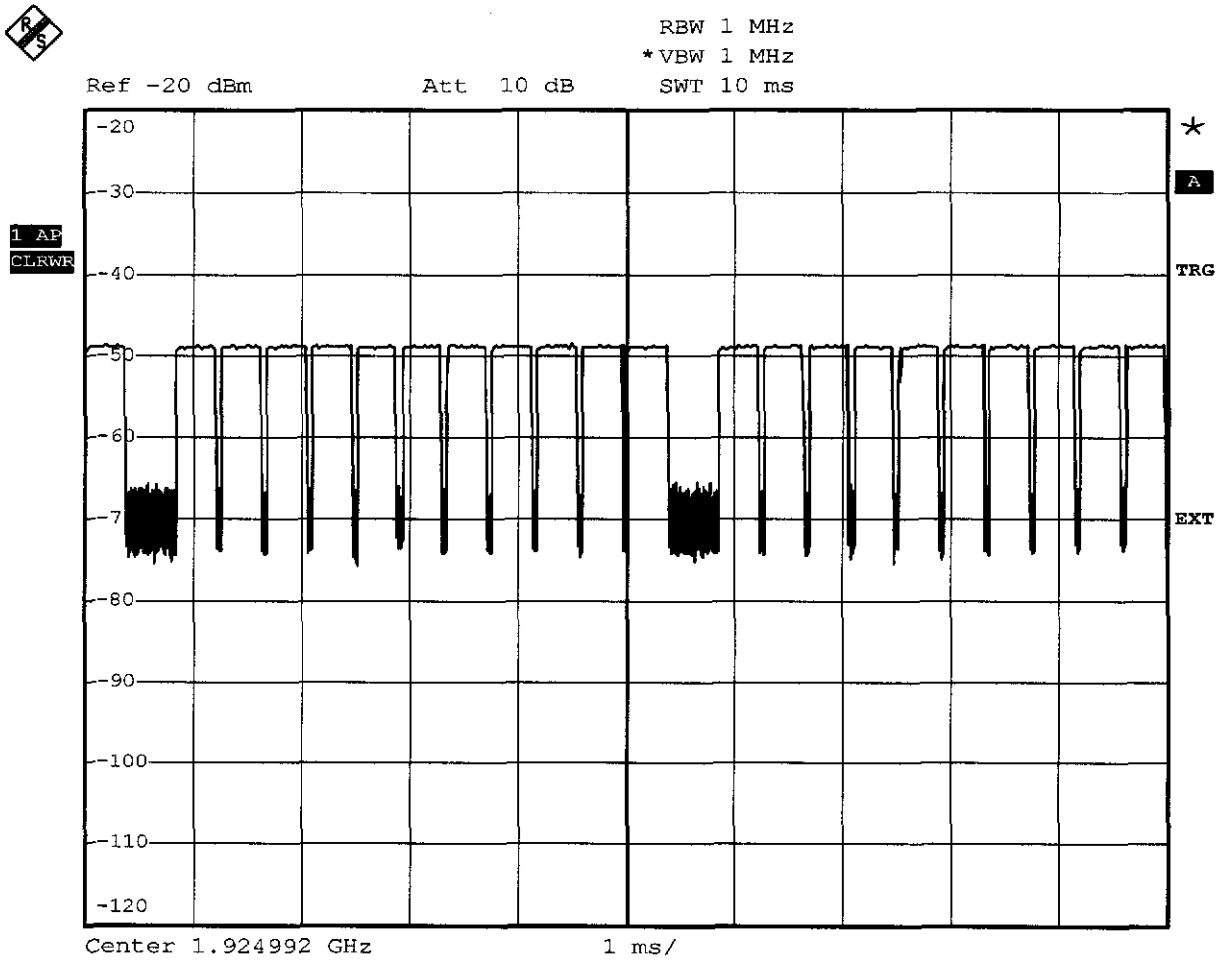


Comment: ANSI C63.17-1998
Date: 17.AUG.2005 14:46:25

Measurement diagram

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

EUT	Handset RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
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



Comment: ANSI C63.17-1998
Date: 17.AUG.2005 14:53:39

Measurement diagram