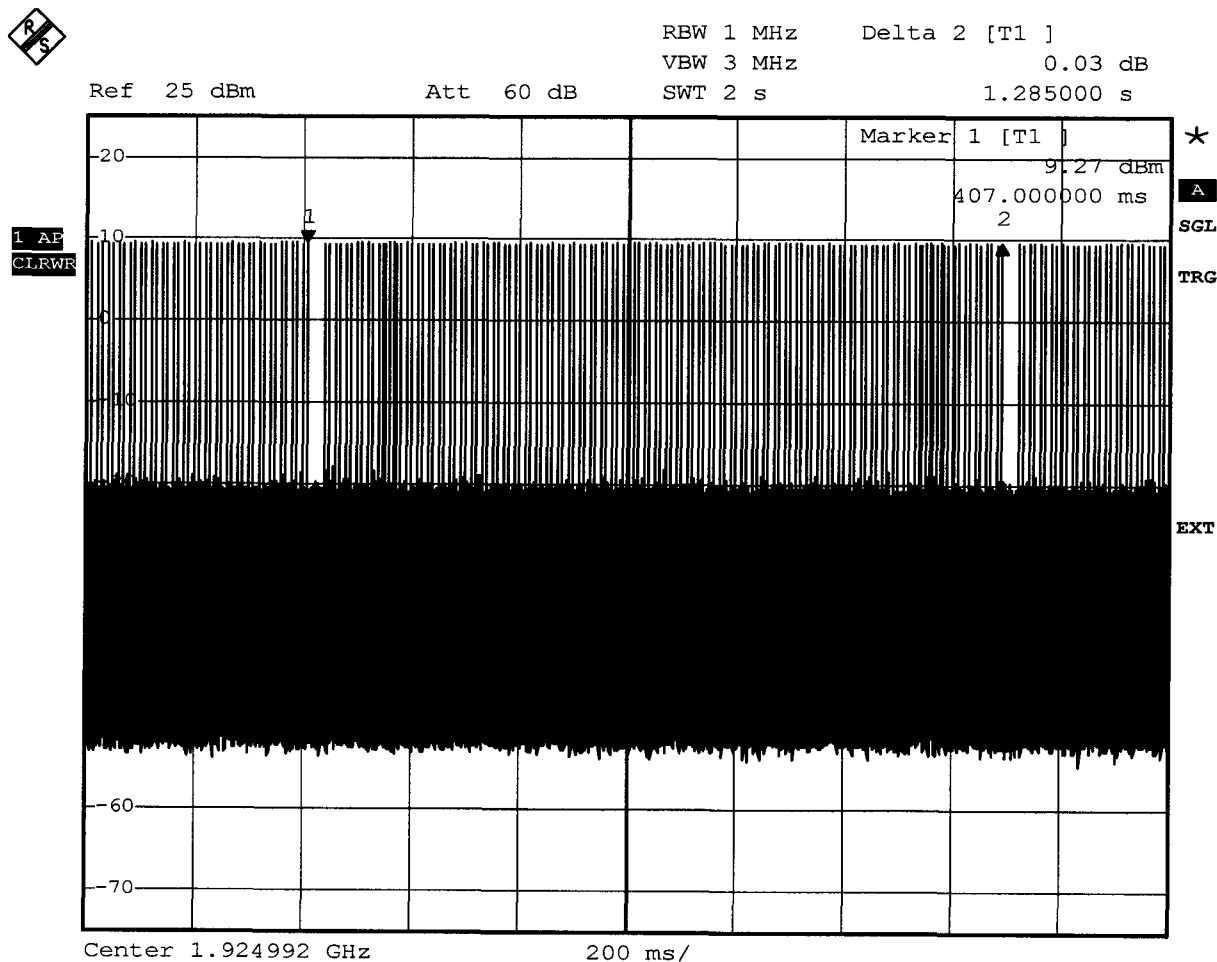


Appendix P

Connection acknowledgement

ANSI_8.1.3_Unacknowledged transmissions UPCSI900

EUT	Gateway 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	8.1.3 pause interval: 1.285 second
Comment 2	limit: 30 s
Comment 3	verdict pass

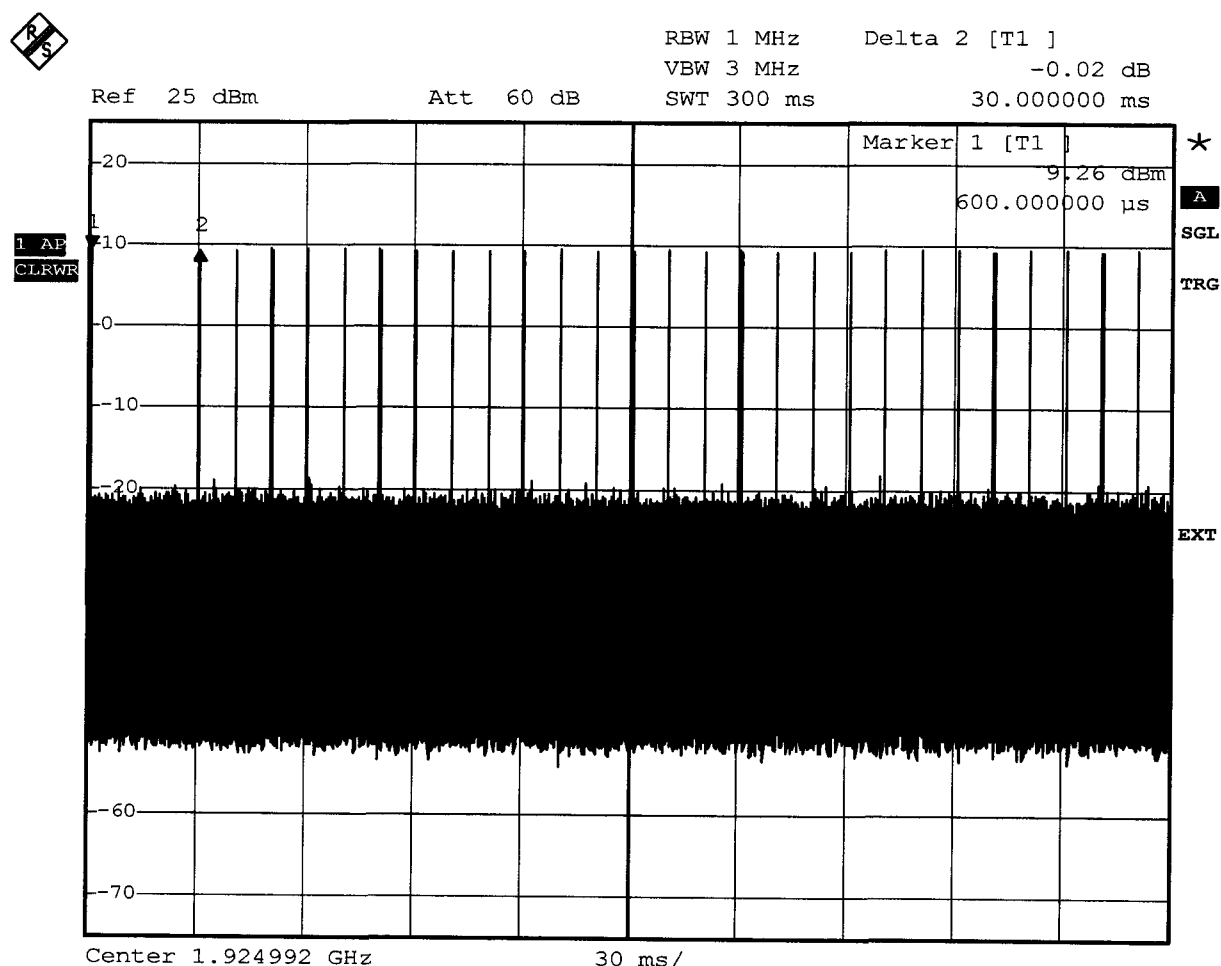


Comment: ANSI C63.17-1998
 Date: 23.AUG.2005 09:07:29

Measurement diagram

ANSI_8.1.3_Unacknowledged transmissions one_slot_free
UPCS1900

EUT	Gateway 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	8.1.4 pause length: 30 ms
Comment 2	limit: longer then 10 ms
Comment 3	verdict pass



Comment: ANSI C63.17-1998
Date: 23.AUG.2005 09:12:28

Measurement diagram

Test case ANSI_8.1.3_Unacknowledged transmissions.xml
 Date 25.08.2005 10:07:13
 Reference to the EUT G0M20508-9730 / RTX3080

 Comment: The interferer channel is replaced after 11 seconds
 8.1.3 Change of access channel

 Gateway RTX3080
 RTX America Inc.

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

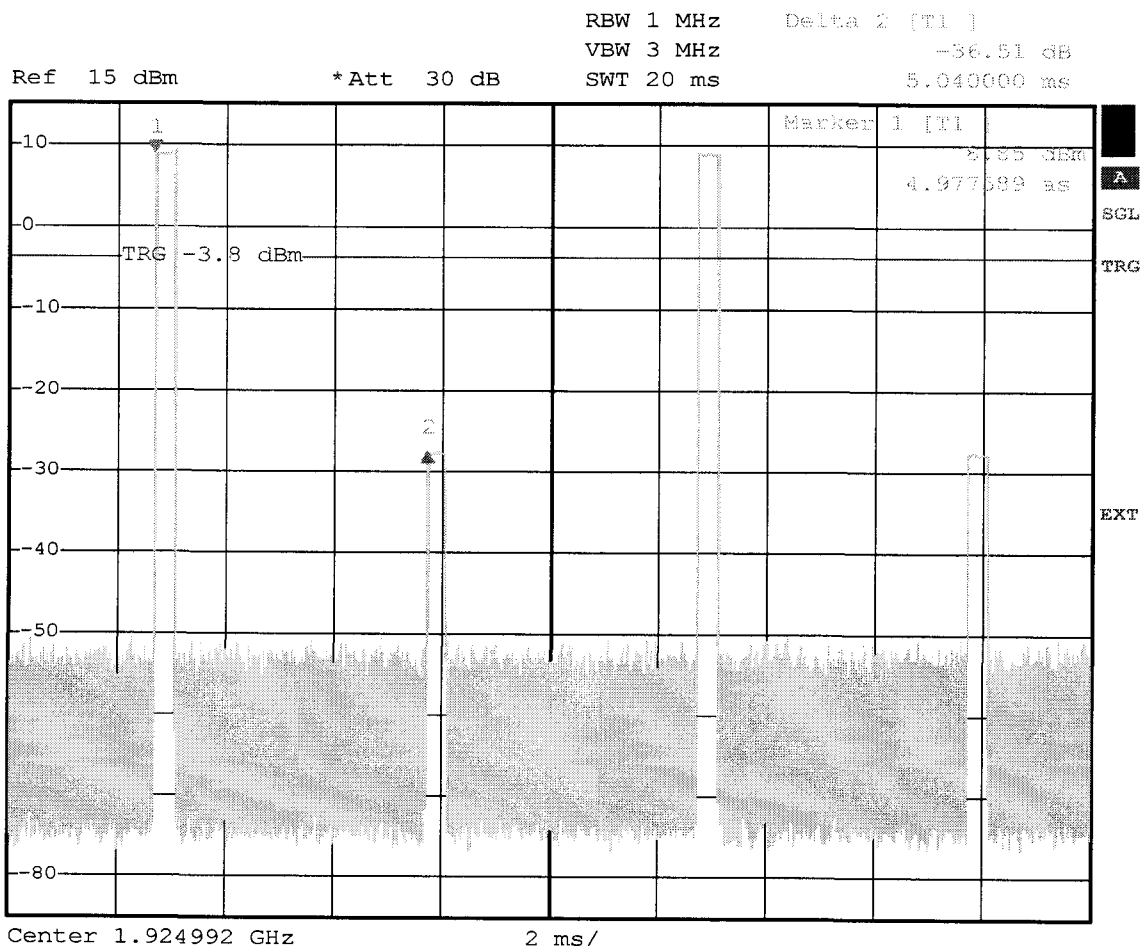
Time stamp	1921.536 MHz	1923.264 MHz	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:10:23.9843750	-55 -56,4	-37,4 -55,9	-16,6 -40,5	-46,5 -56,5	-55,8 -56,5	Tx on channel 2
00:10:54.6562500	-51,1 -56,3	-36 -55,9	-16,7 -40,1	-45,5 -56,5	-55,7 -56,5	Interference on
00:11:05.1718750	-55,7 -56,4	-55,7 -56,4	-48,9 -49,4	-36,3 -56	-16,7 -40,7	Changing to cannel 0

Log file

ANSI 8.2.1 Acknowledgments

1 sec. criteria

EUT	Gateway 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



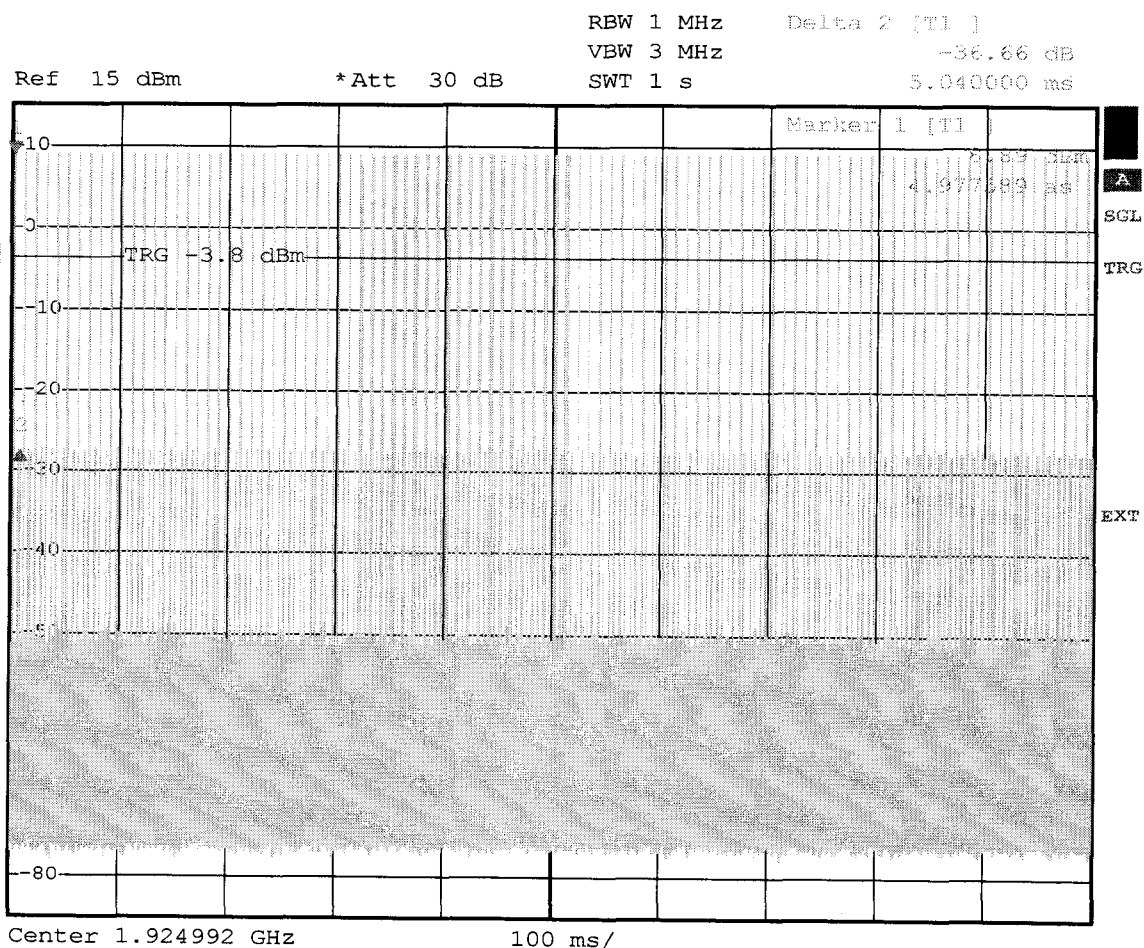
Date: 20.SEP.2005 16:20:44

Measurement diagram

ANSI 8.2.1 Acknowledgments

1 sec. criteria

EUT	Gateway 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 16:22:05

Measurement diagram

Test case ANSI_8.2.1_Acknowledgments.xml
 Date 25.08.2005 10:33:03
 Reference to the EUT G0M20508-9730 / RTX3080
 Comment: 8.2.1 Acknowledgments Termination of transmission
 Result: The dummy bearer is replaced after 1.9 seconds
 Gateway RTX3080
 RTX America Inc.

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	
00:14:51	-78,1 -94	-47,9 -70,1	-16,9 -33,4	-62 -80,6	-71,4 -89,9	Connection on channel 2
00:14:51.0937500	-77,7 -95,7	-47,7 -69,8	-17 -33,4	-64,9 -86,5	-82,4 -98,9	
00:14:51.2031250	-76 -96,2	-47,7 -70,3	-18,3 -39,8	-64,8 -86	-79,7 -98,1	-Turn off the companion device, -turn on interference
00:14:51.4531250	-76,7 -96,2	-47,5 -70,2	-18,3 -39,8	-67,1 -87,6	-75 -95,7	
00:14:51.5781250	-74 -95	-47,2 -69,9	-17,8 -39,3	-67,7 -87,9	-78,2 -97,3	
00:14:51.6875000	-77,2 -97,7	-47,3 -69,9	-17,2 -38,7	-65,4 -86,9	-81,8 -99,4	
00:14:51.7968750	-75,6 -96,2	-47,6 -70,3	-18 -39,6	-69,7 -90,4	-80,9 -98,6	
00:14:51.9062500	-78,4 -97,5	-47,6 -70,3	-17,9 -39,4	-65,1 -86	-85,3 -99,7	
00:14:52	-76,3 -96,5	-47,7 -70,2	-17,3 -38,6	-68,7 -89,9	-77,8 -97	
00:14:52.1093750	-79,7 -97,8	-47,4 -70,1	-17,7 -37,6	-68 -89,2	-76,4 -96,3	
00:14:52.2187500	-79,1 -97,4	-47,8 -70,2	-17,6 -39,2	-71,1 -90,8	-81,6 -98,9	
00:14:52.3281250	-75,6 -96,2	-47,5 -70,1	-17,3 -38,4	-68,8 -89,1	-75,8 -95,8	
00:14:52.4375000	-77,4 -96,3	-48,4 -70,8	-18,3 -38,9	-67,2 -87,1	-82,7 -99,1	
00:14:52.5468750	-77,7 -96,2	-47,4 -70,2	-16,8 -37,4	-68,1 -88,7	-76,7 -96,3	

Log file

00:14:53.0781250	-88,4 -100,3	-76,6 -95,8	-47,8 -66,3	-17,9 -39,5	-63,6 -85,3	Dummy bearer on channel 1
00:14:53.1875000	-85,1 -100,3	-74 -93,1	-47,4 -66,3	-17,9 -39,5	-62,1 -84,3	

Log file

Appendix Q

Selected channel, power accuracy, segment occupancy

Test case ANSI_7.3.2.2_selected channel confirmation.xml
 Date 24.08.2005 12:39:59
 Reference to the EUT G0M20508-9730 / RTX3080

 Comment: initial setup

 Gateway RTX3080
 RTX America Inc.

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	
00:39:37.0781250	-55,9 -85,6	-35,9 -64,9	-16,6 -40,6	-81,6 -90,6	-80,4 -91	Interference off
00:39:48.7343750	-55,6 -56,2	-50,9 -56,3	-37,9 -55,8	-16,9 -40,6	-45,9 -63,2	Interference on, f2 switch off
00:40:22.2031250	-55,6 -56,2	-55,6 -56,3	-55,5 -56,4	-37 -64,3	-16,7 -40,8	Connection on f2
00:40:48.3593750	-55,6 -56,2	-55,6 -56,3	-36 -55,7	-16,7 -40,8	-46,8 -63,2	f2 switch on, Tx on f1

Log file

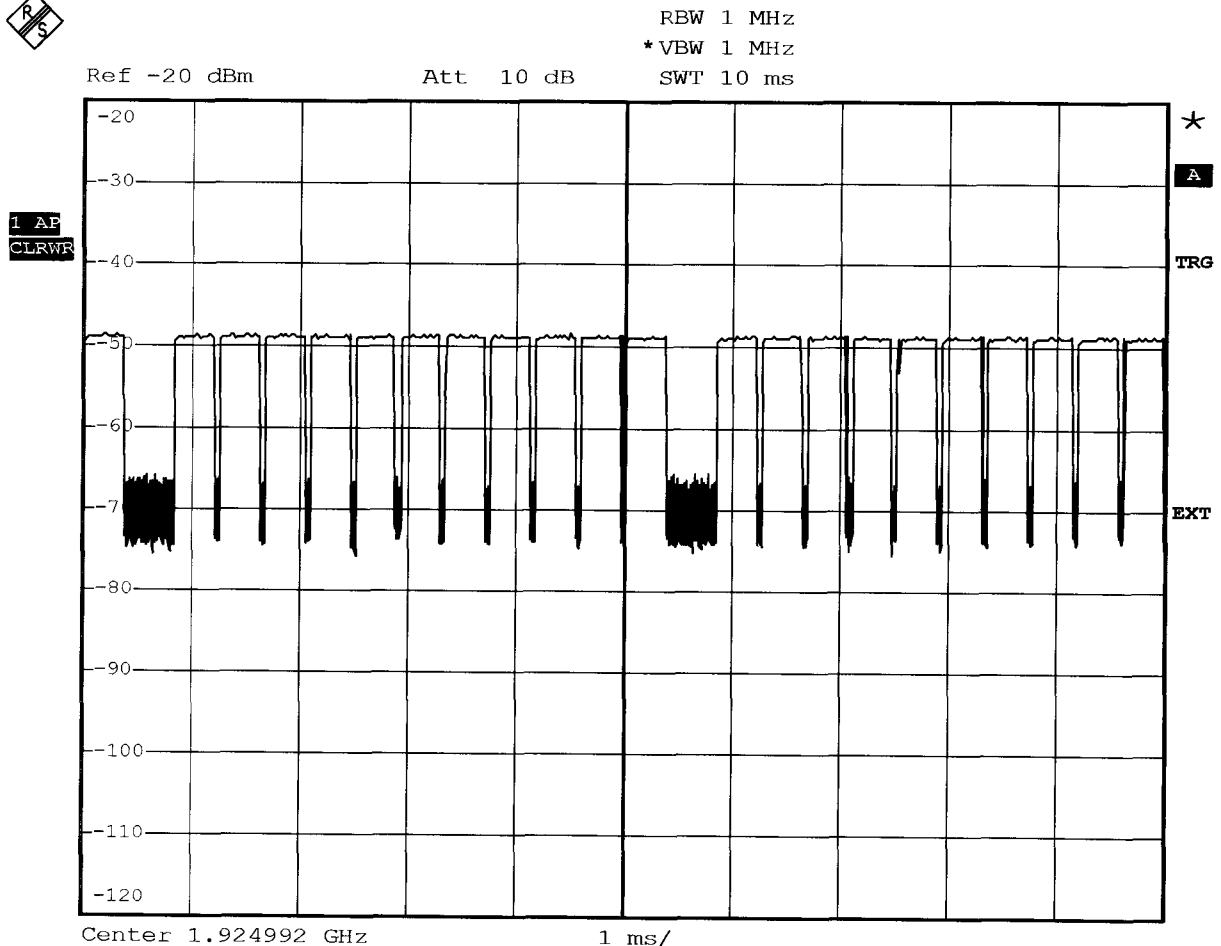


Appendix R

Duplex connections

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

EUT	Gateway 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 established in the interference free time slot.
Comment 2	The slot pair are not a duplex slot pair.
Comment 3	Verdict pass



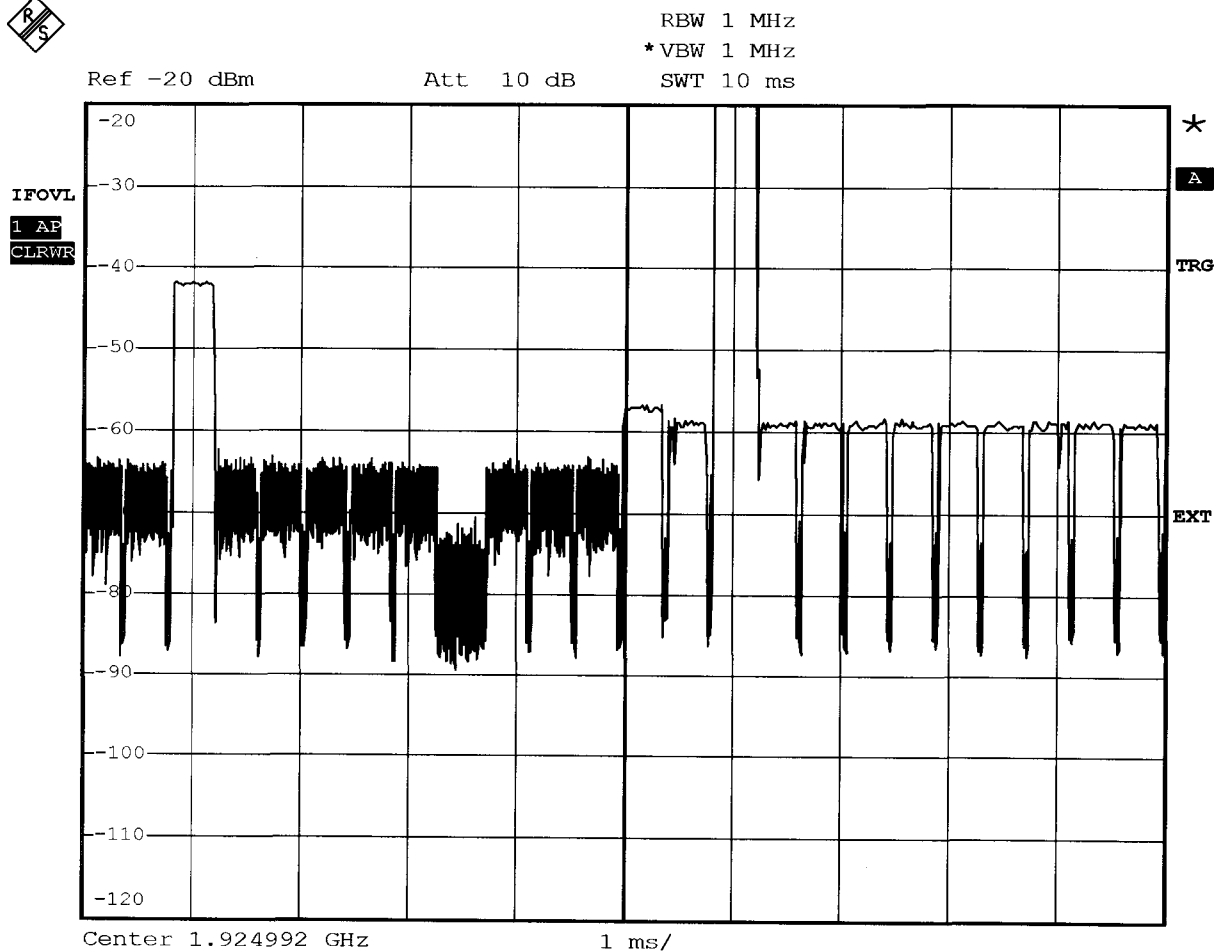
Comment: ANSI C63.17-1998

Date: 17.AUG.2005 14:53:39

Measurement diagram

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

EUT	Gateway 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



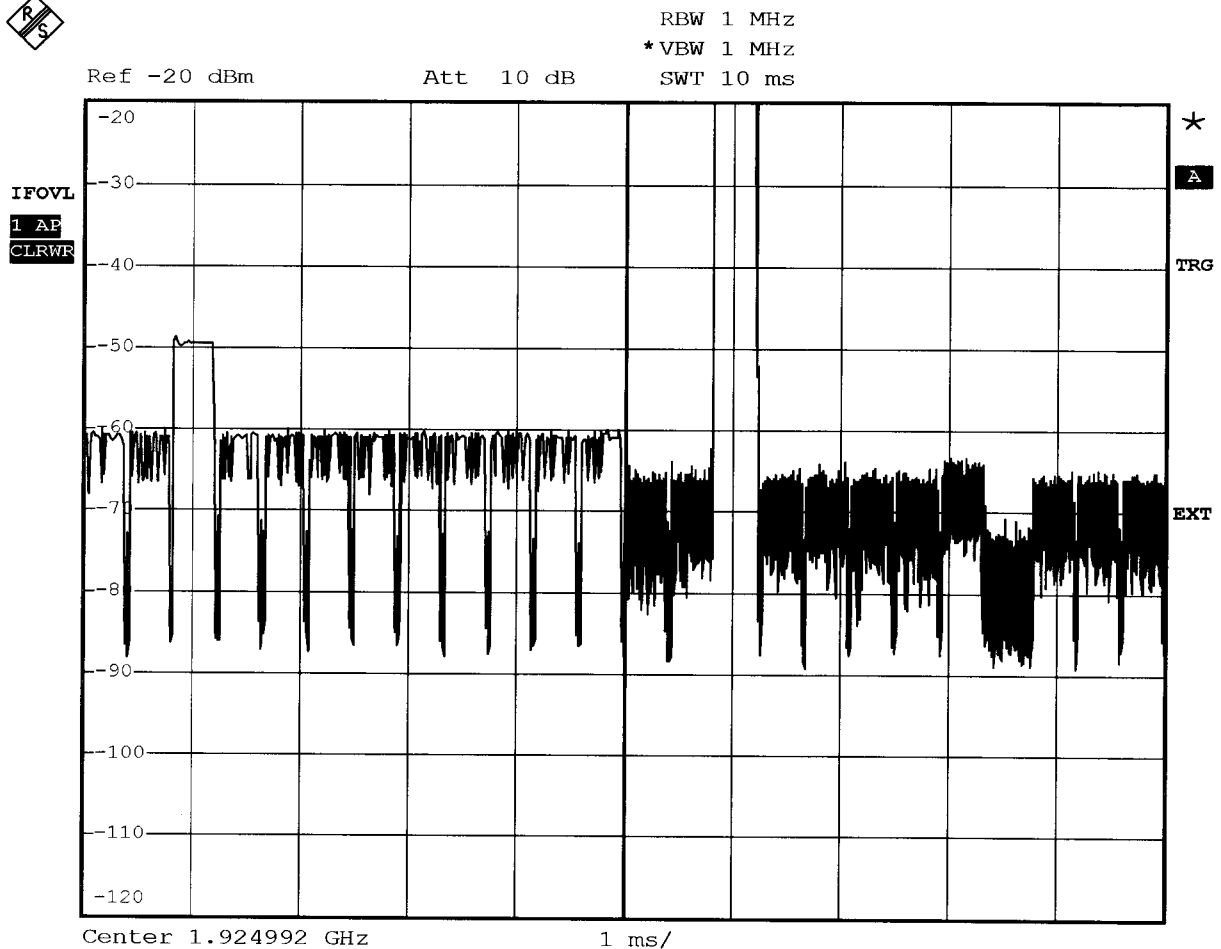
Comment: ANSI C63.17-1998

Date: 17.AUG.2005 14:46:25

Measurement diagram

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

EUT	Gateway 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



Appendix S

Emissions inside and outside the sub-band

FCC Part 15.323(d.1) Out-of-band emission**Testprocedure ANSI 63.17-1998 6.1.6.2
UPCS**

EUT	Gateway RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.2 Out-of-band emission

measurement on the lowest carrier
Carrier=1921.536MHz



Out-of-band emission

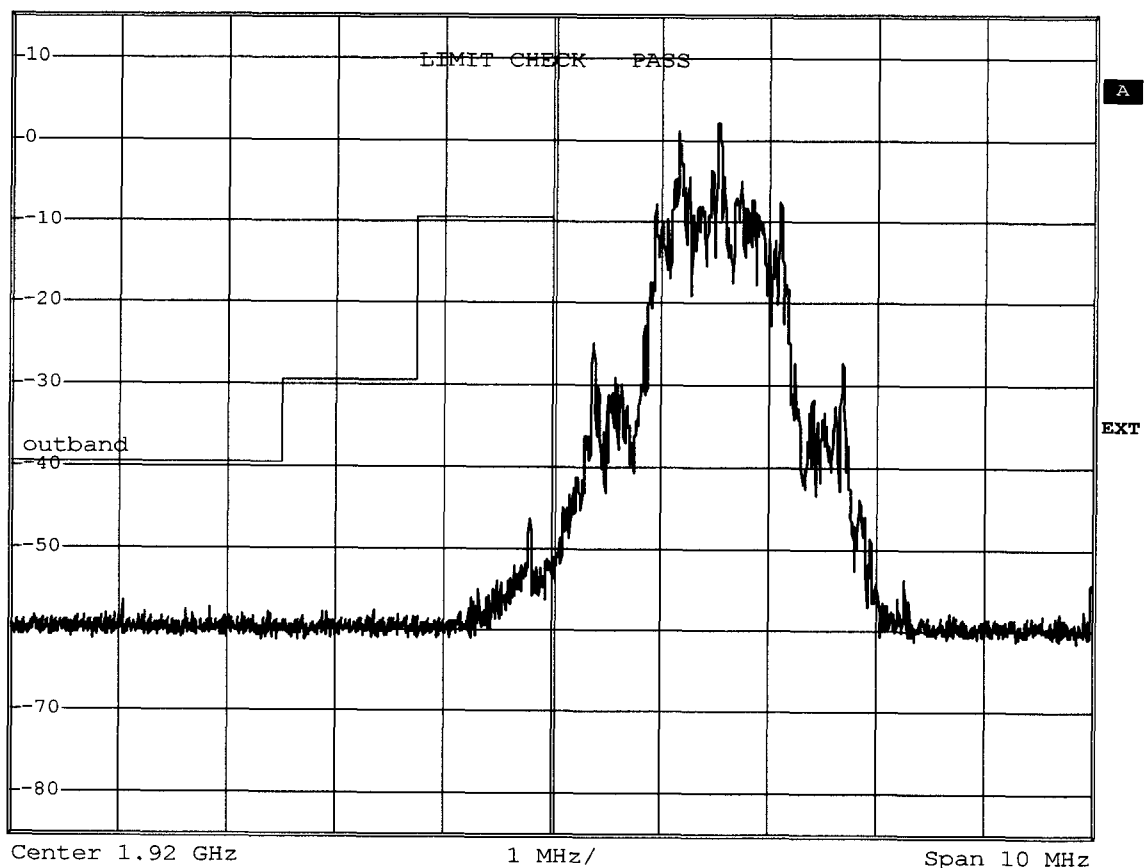
*RBW 10 kHz

*VBW 30 kHz

*SWT 23 s

Ref 15 dBm

*Att 40 dB

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.6.2

Date: 22.AUG.2005 09:39:53

Measurement diagram

FCC Part 15.323(d.1) Out-of-band emission

Testprocedure ANSI 63.17-1998 6.1.6.2 UPCS

EUT	Gateway RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.2 Out-of-band emission

measurement on the highest carrier
Carrier=1928.448MHz



Out-of-band emission

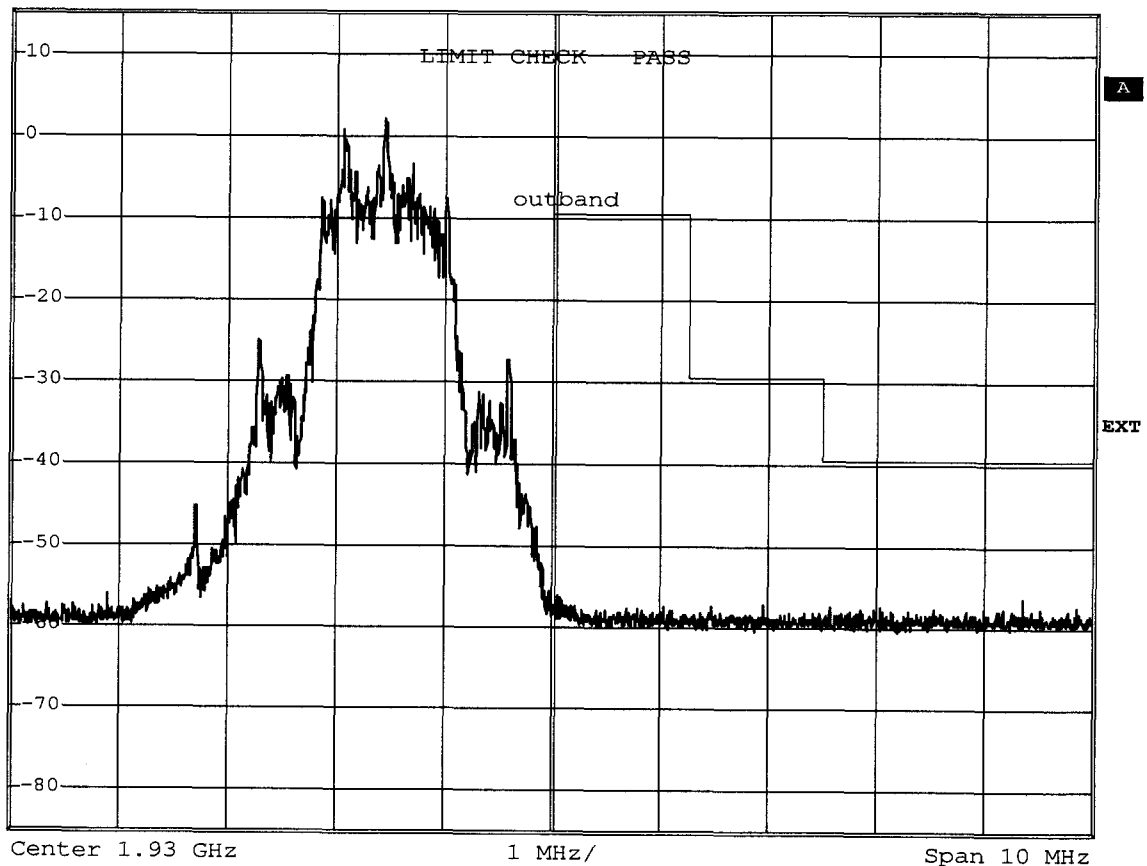
*RBW 10 kHz

*VBW 30 kHz

*SWT 23 s

Ref 15 dBm

*Att 40 dB

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.6.2

Date: 22.AUG.2005 09:48:54

Measurement diagram

FCC Part 15.323(d.2) In-band unwanted emission

Testprocedure ANSI 63.17-1998 6.1.6.1
UPCS

EUT	Gateway RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.1 In-band unwanted emission
Bandwidth used	1.438MHz



In-band unwanted emis

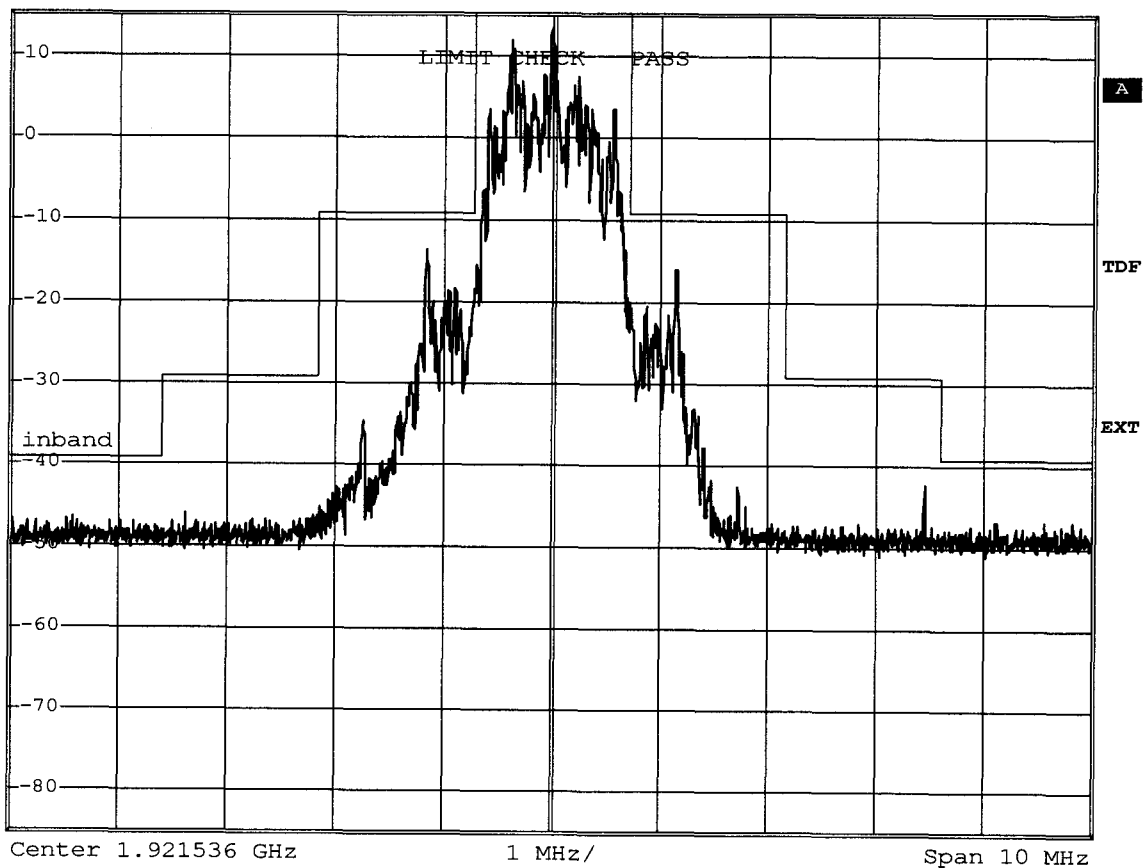
*RBW 10 kHz

*VBW 30 kHz

*SWT 23 s

Ref 15 dBm

*Att 40 dB

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.6.1

Date: 22.AUG.2005 09:36:06

Measurement diagram

FCC Part 15.323(d.2) In-band unwanted emission

Testprocedure ANSI 63.17-1998 6.1.6.1 UPCS

EUT	Gateway RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.1 In-band unwanted emission
Bandwidth used	1.438MHz



In-band unwanted emis

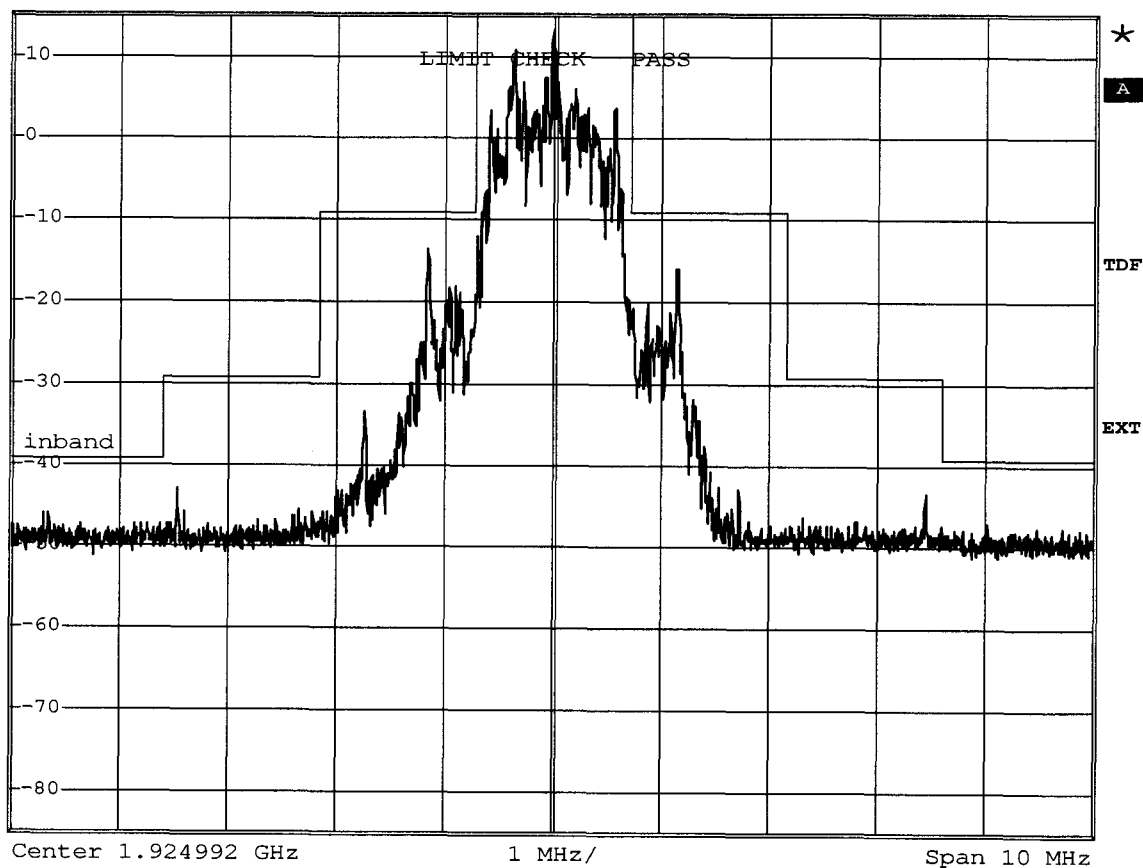
*RBW 10 kHz

*VBW 30 kHz

*SWT 23 s

Ref 15 dBm

*Att 40 dB

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.6.1

Date: 22.AUG.2005 09:34:18

Measurement diagram

FCC Part 15.323(d.2) In-band unwanted emission

Testprocedure ANSI 63.17-1998 6.1.6.1 UPCS

EUT	Gateway RTX3080
Model	RTX3080
Applicant	RTX America Inc.
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.1 In-band unwanted emission
Bandwidth used	1.438MHz



In-band unwanted emis

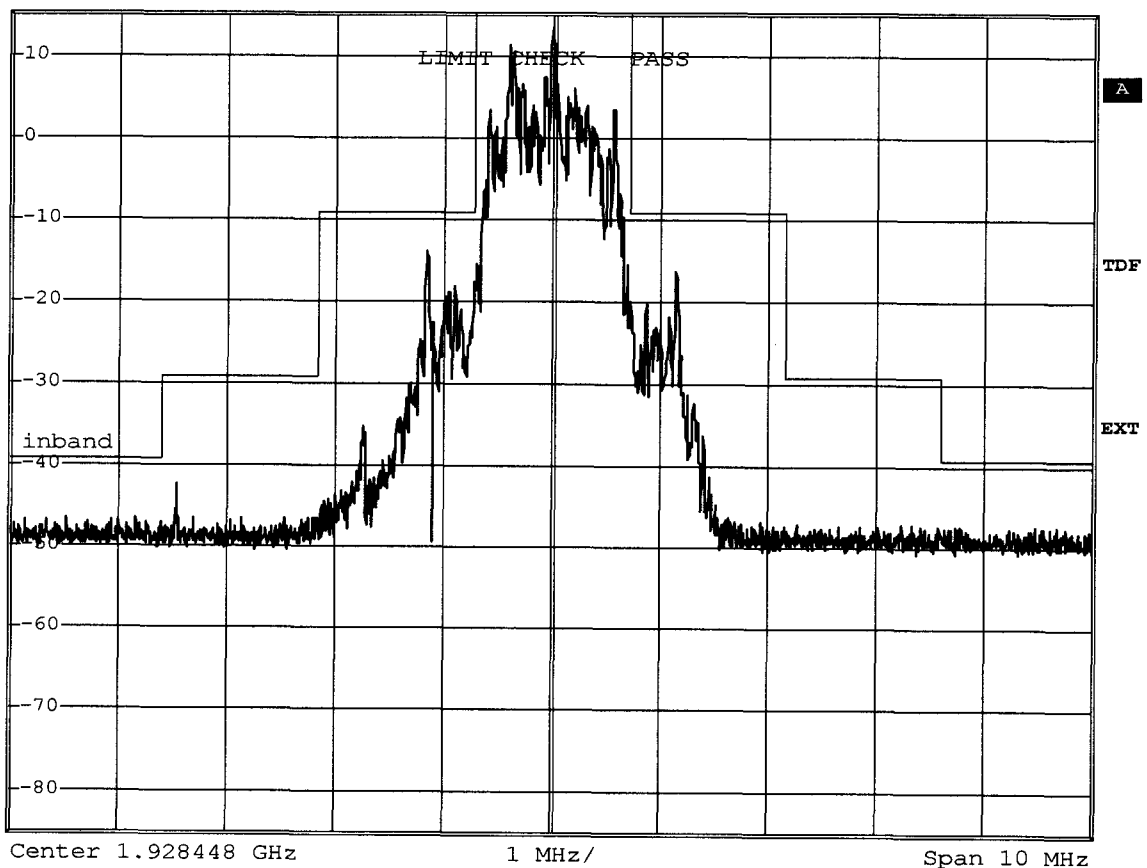
*RBW 10 kHz

*VBW 30 kHz

*SWT 23 s

Ref 15 dBm

*Att 40 dB

1 PK
MAXH

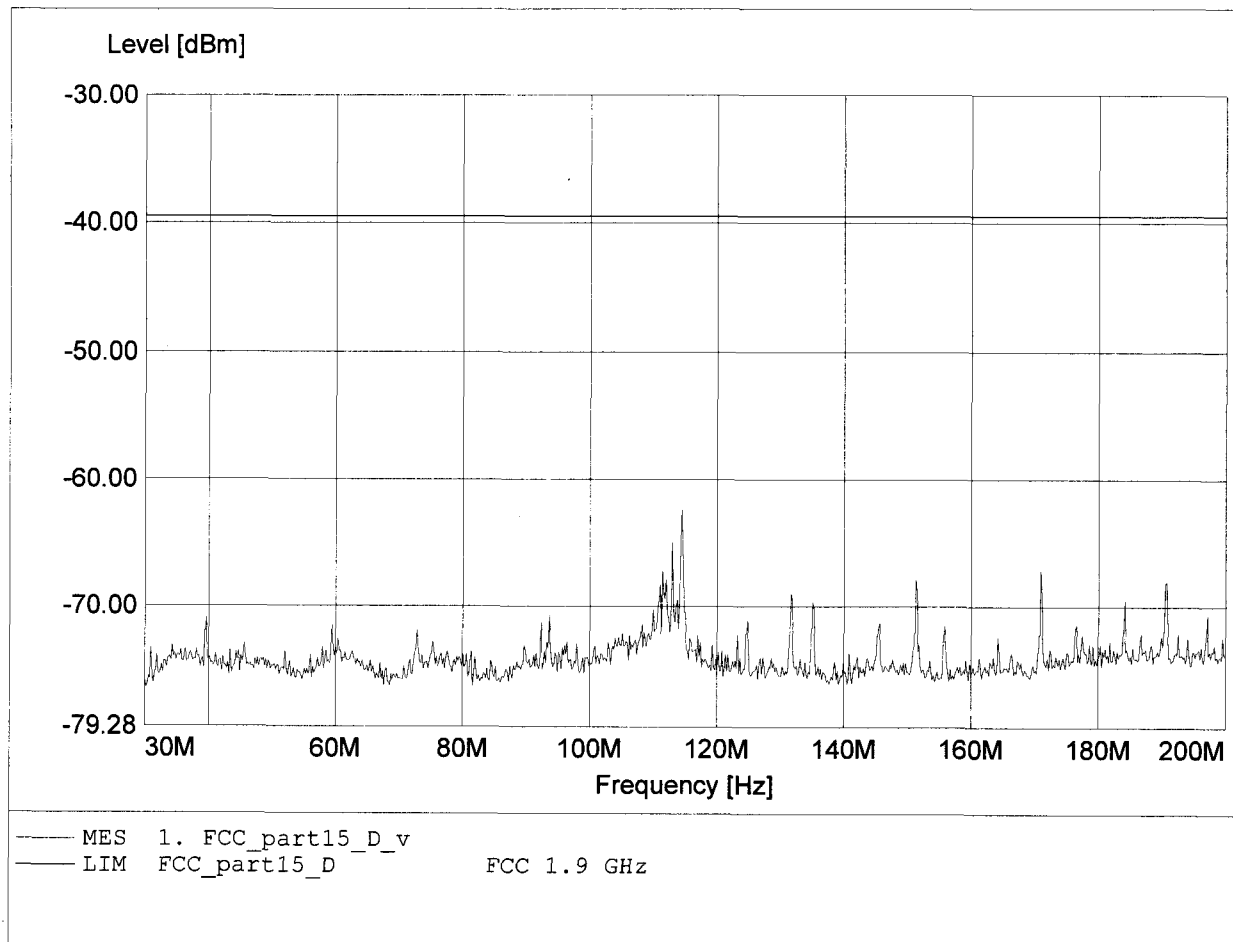
Comment: Ansi C63.17-1998 6.1.6.1

Date: 22.AUG.2005 09:32:52

Measurement diagram

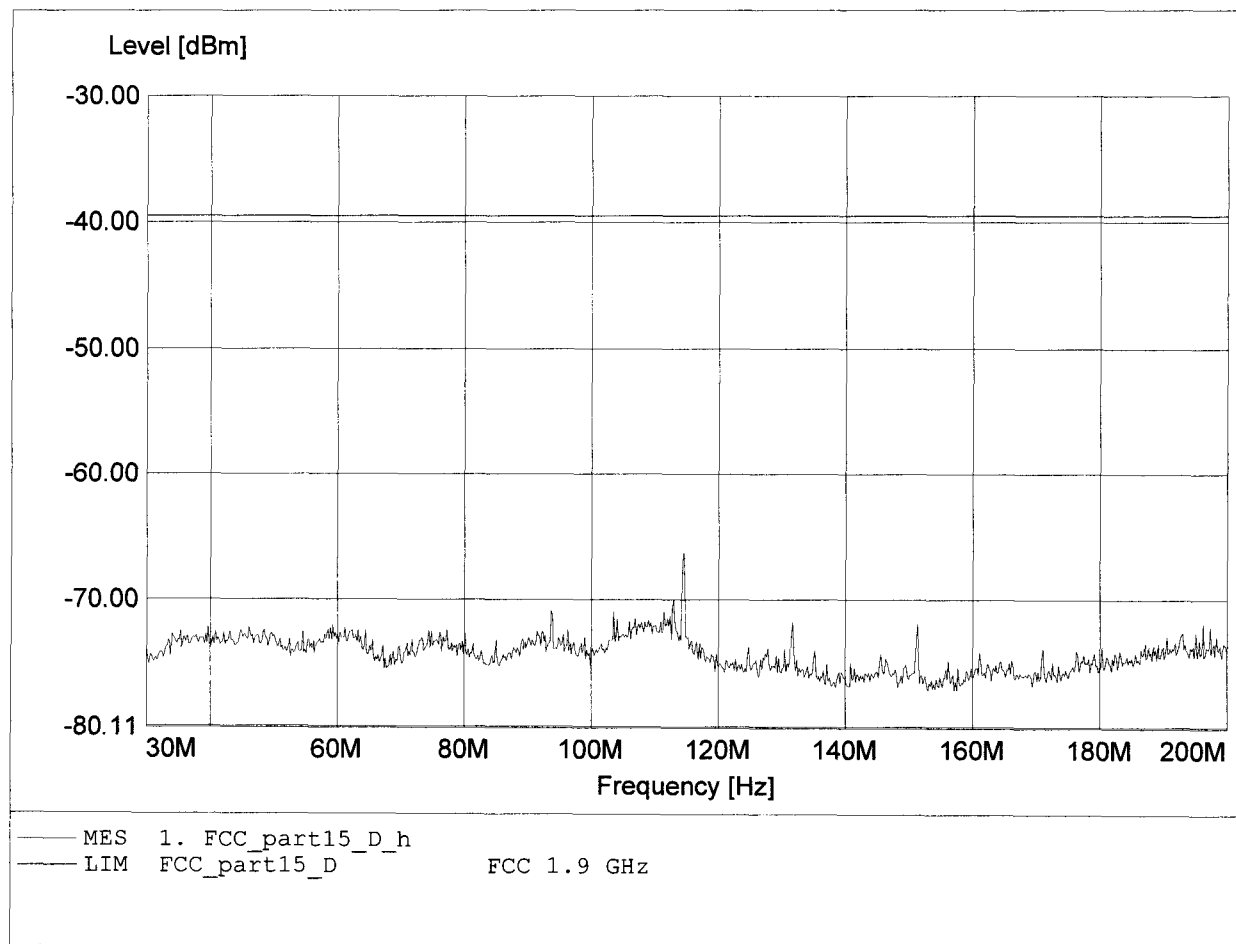
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:114.433MHz Pmax:-62.39dBm RBW: 100 kHz



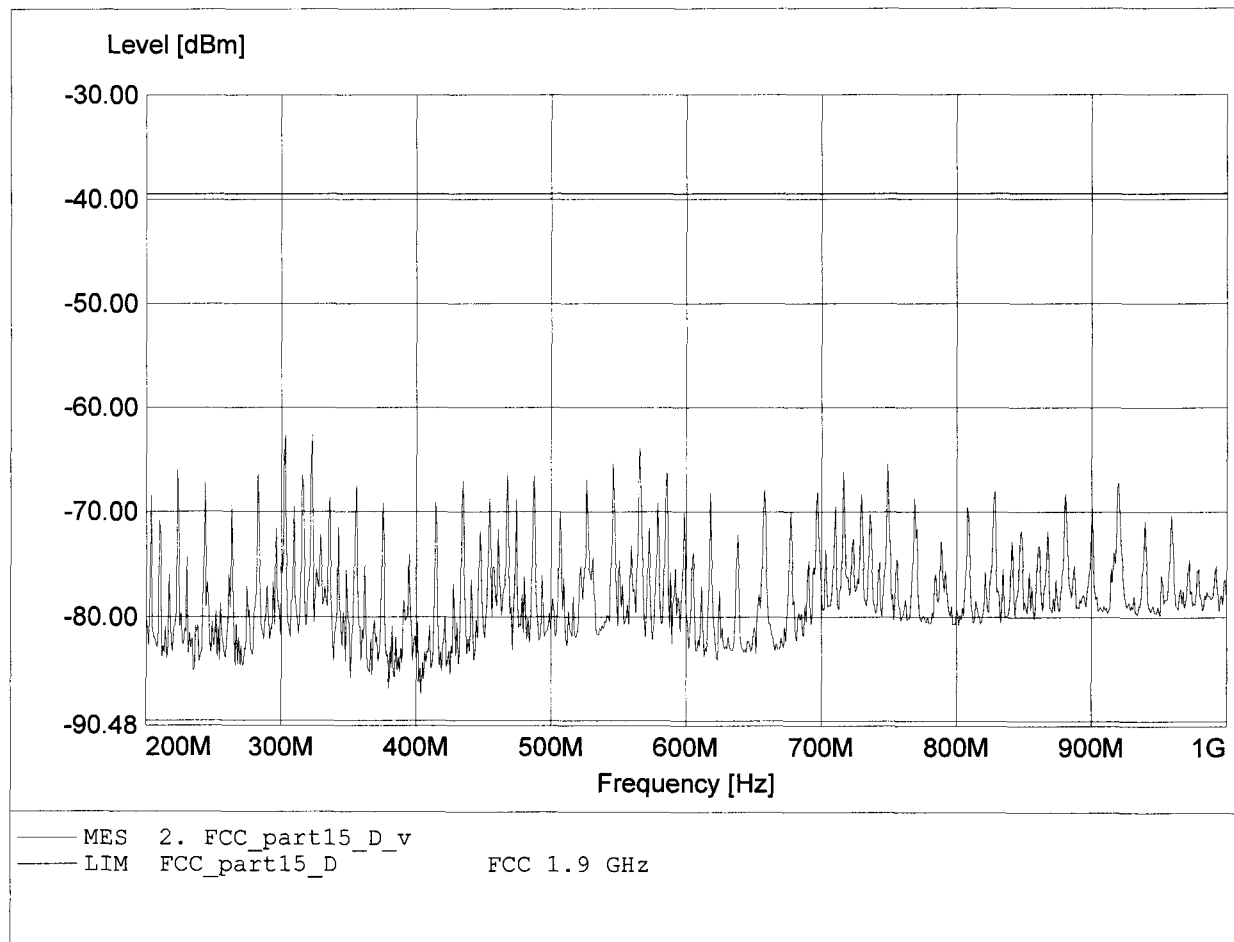
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:114.433MHz Pmax:-66.29dBm RBW: 100 kHz



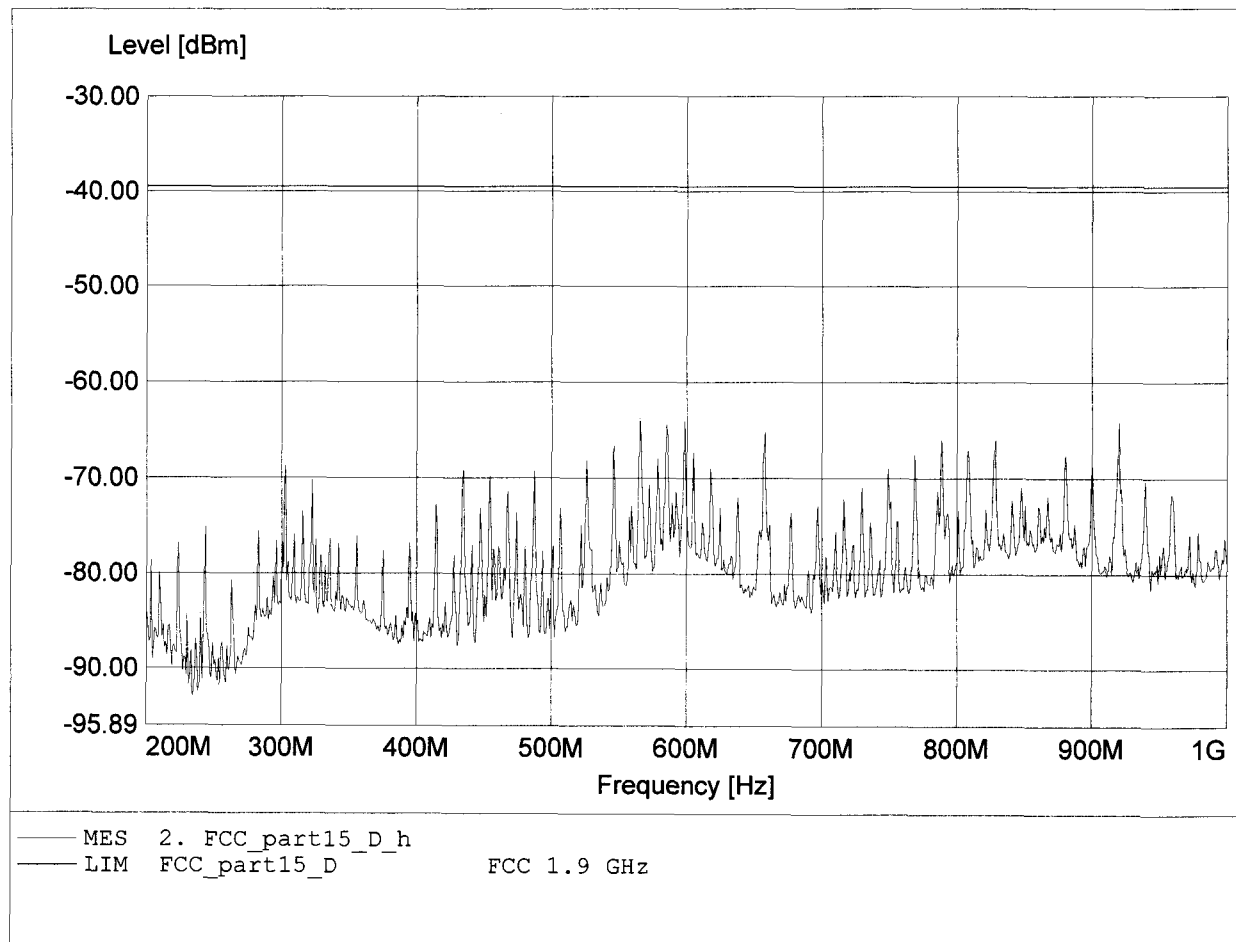
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:322.667MHz Pmax:-62.66dBm RBW: 100 kHz



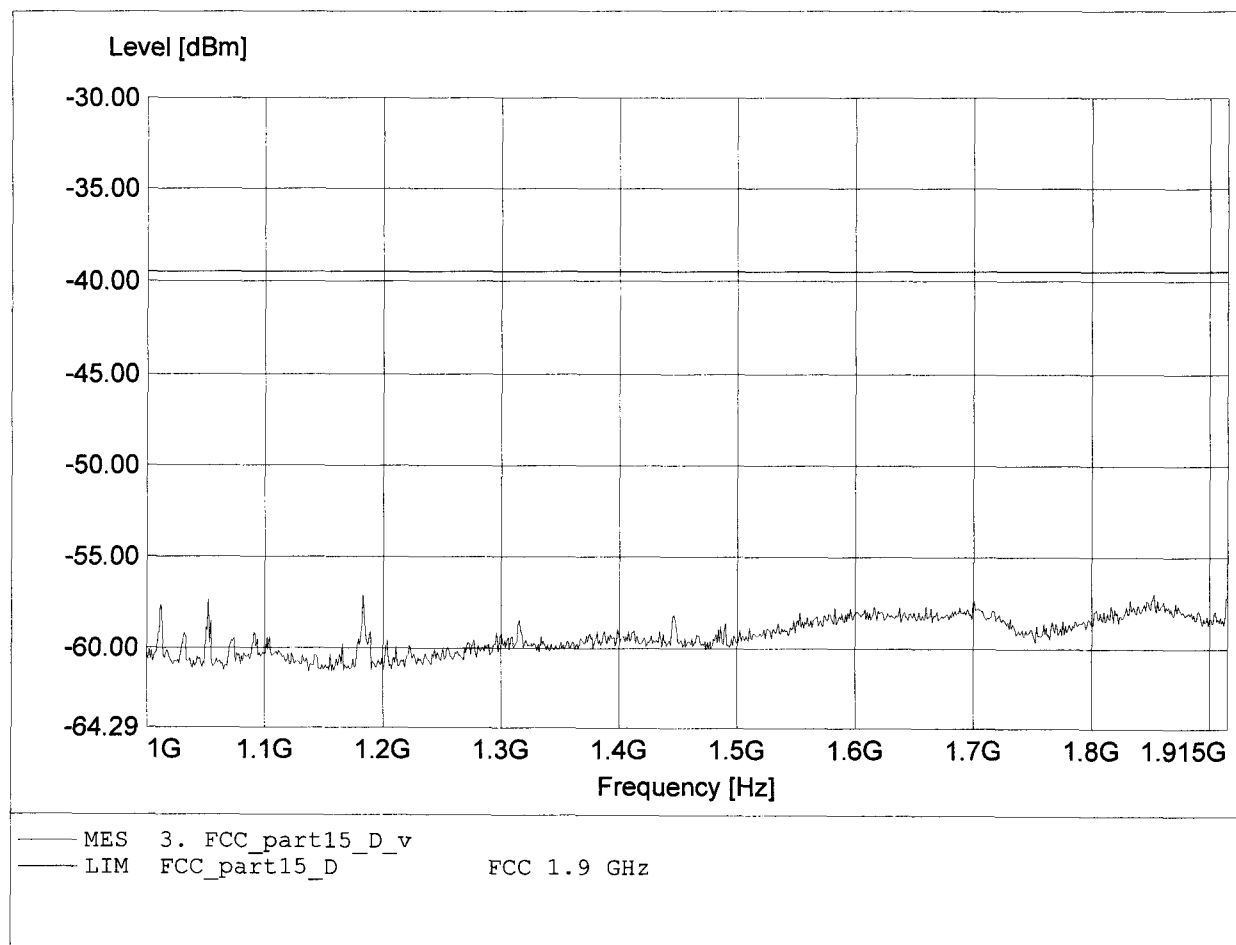
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:565.333MHz Pmax:-63.68dBm RBW: 100 kHz



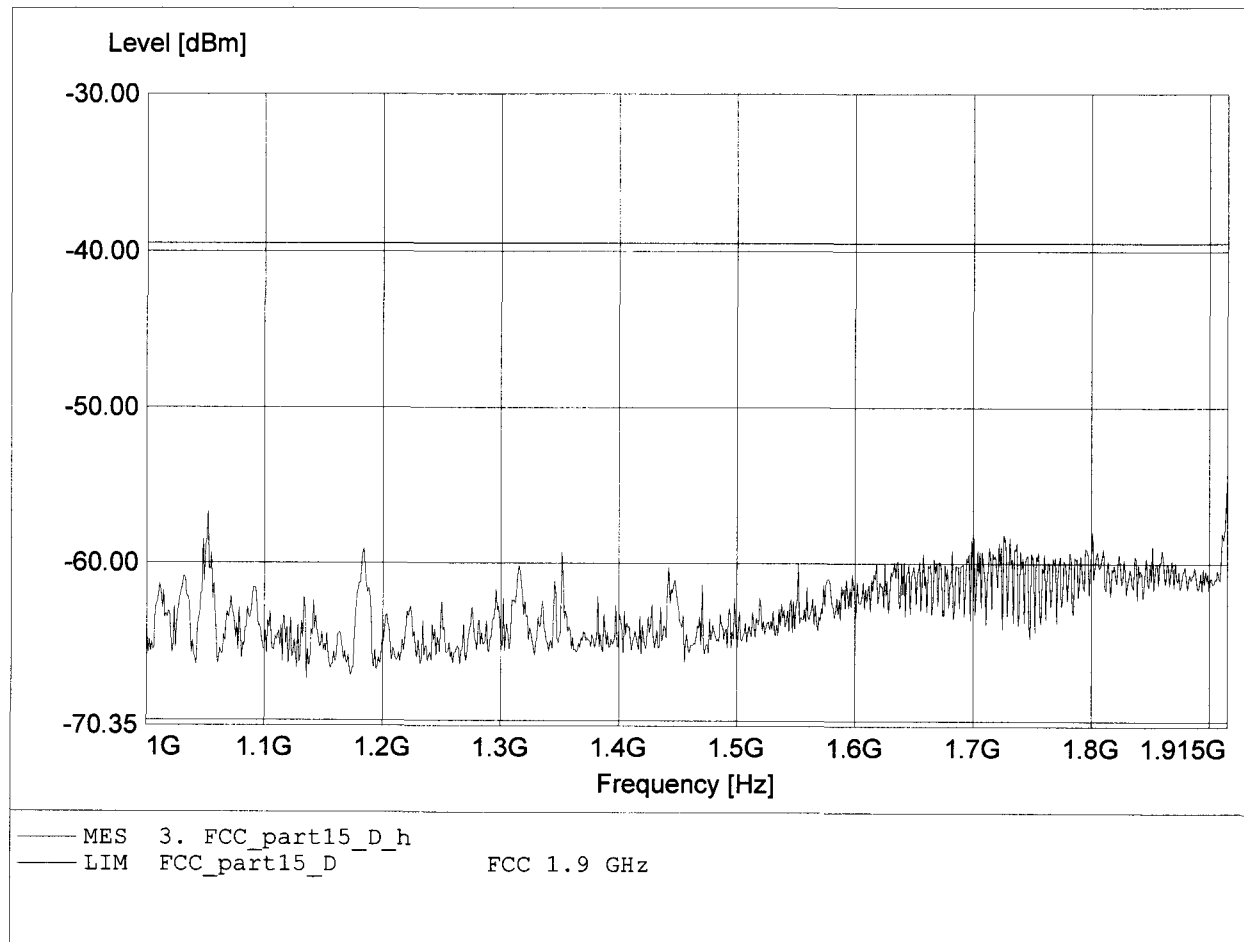
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.853GHz Pmax:-56.98dBm RBW: 1 MHz



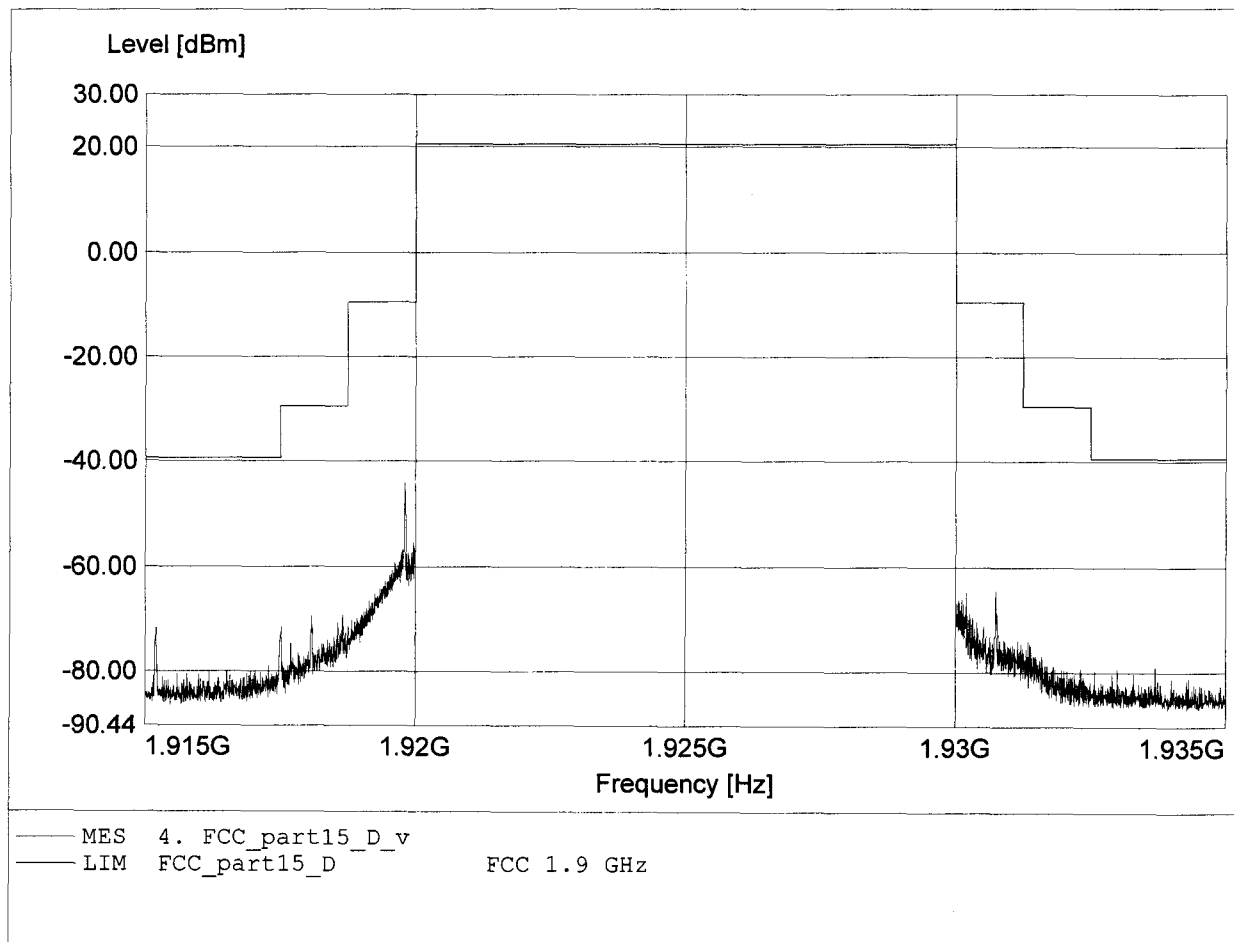
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.915GHz Pmax:-54.62dBm RBW: 1 MHz



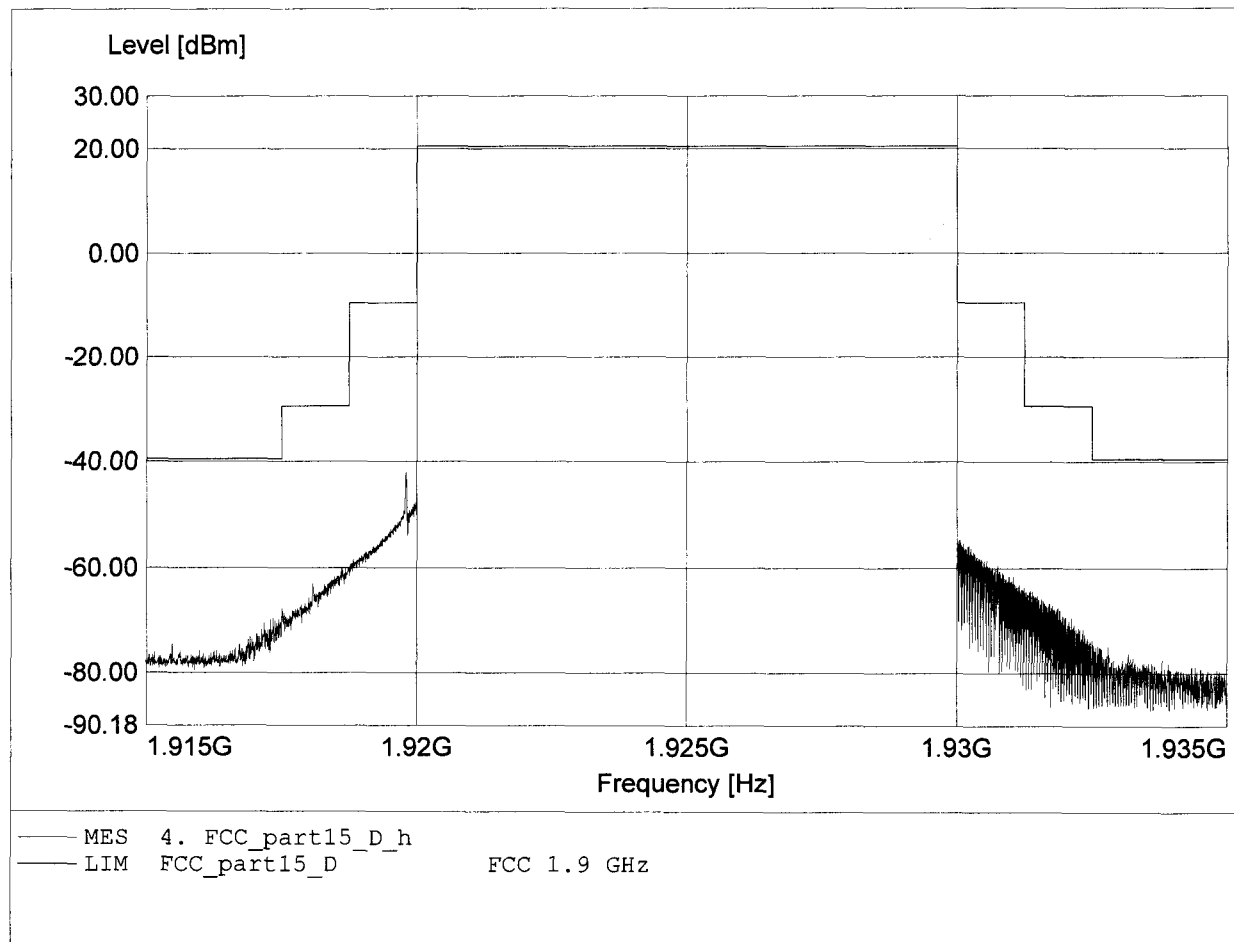
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-44.15dBm RBW:10 kHz



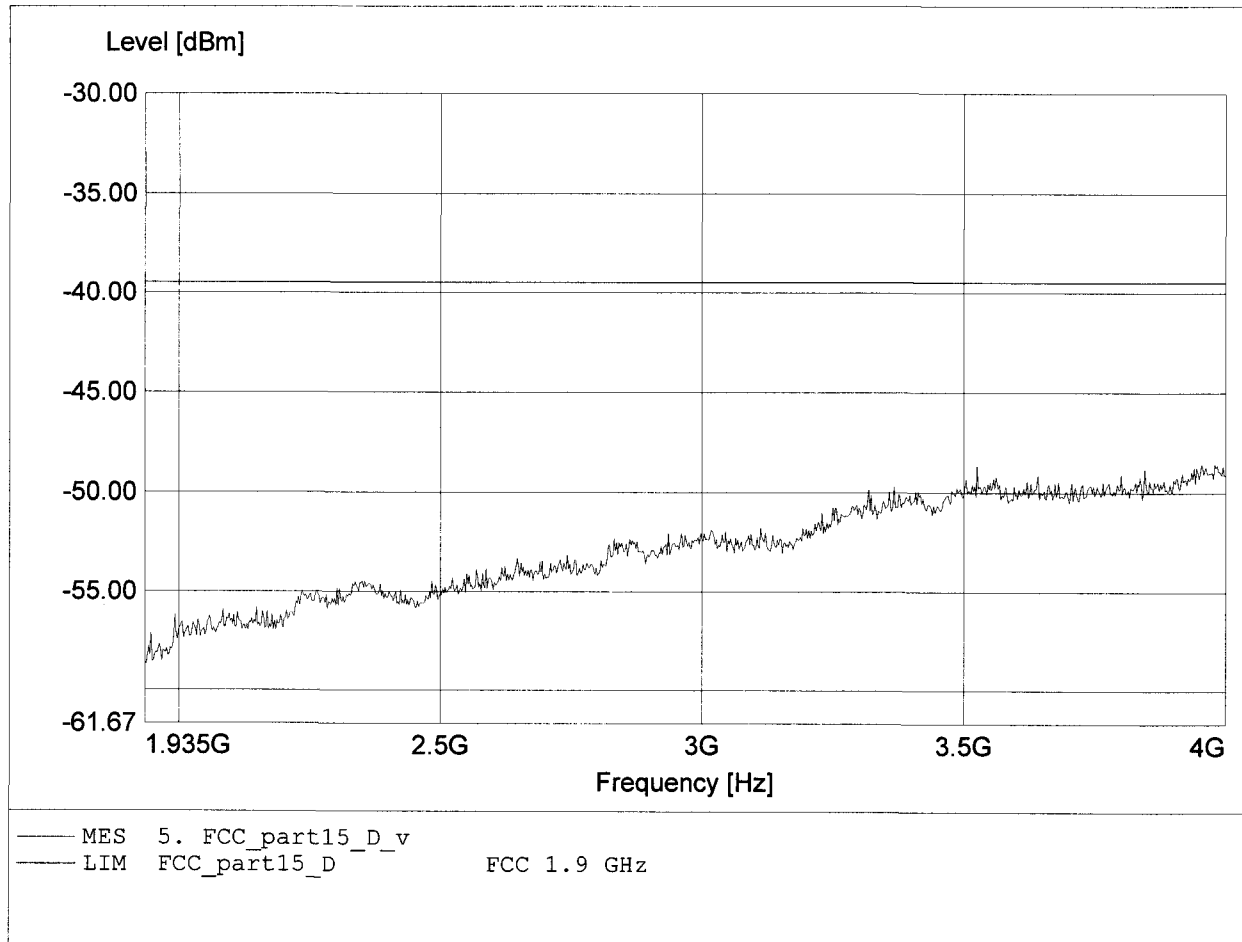
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-42.11dBm RBW:10 kHz



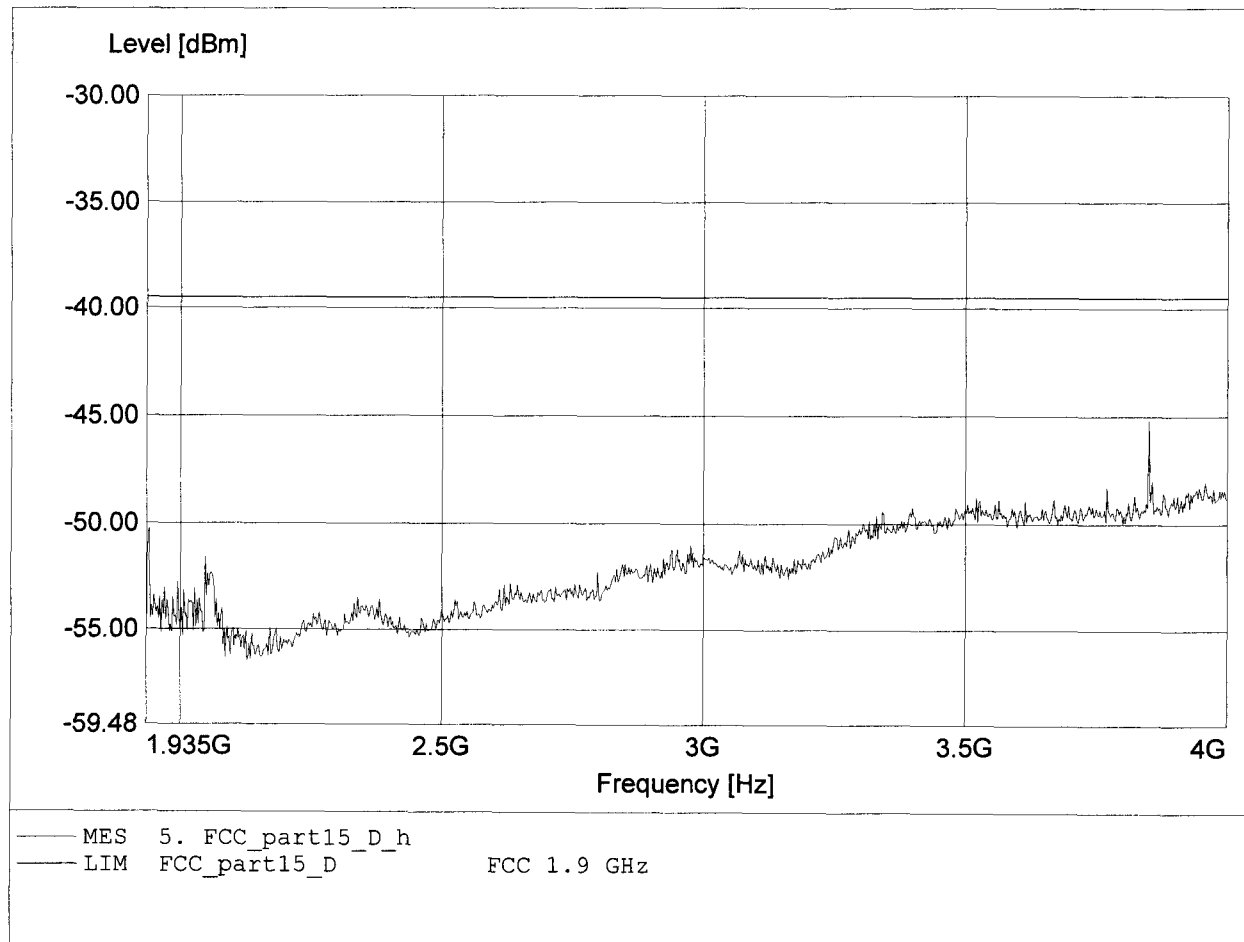
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.979GHz Pmax:-48.56dBm RBW: 1 MHz



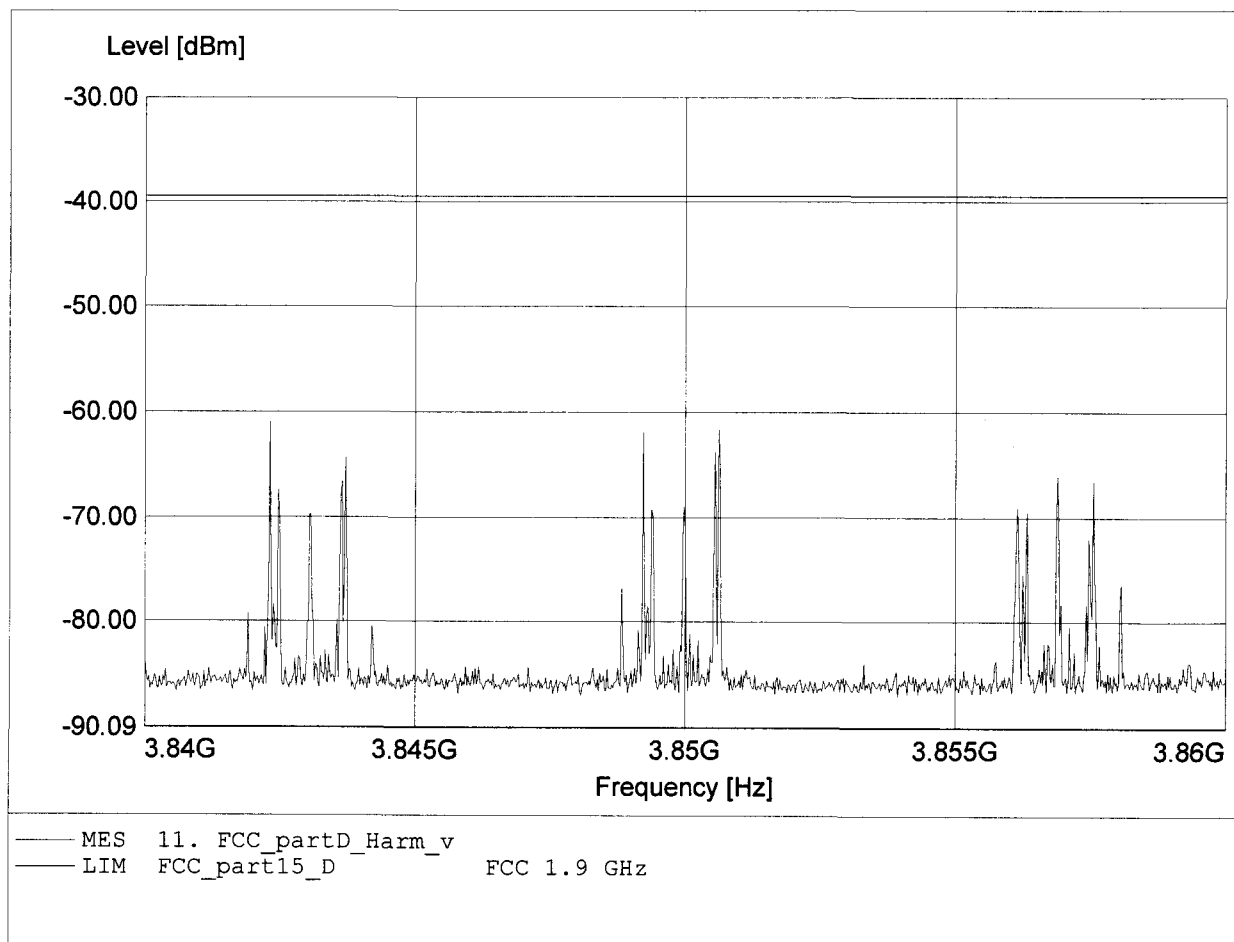
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.851GHz Pmax:-45.18dBm RBW: 1 MHz



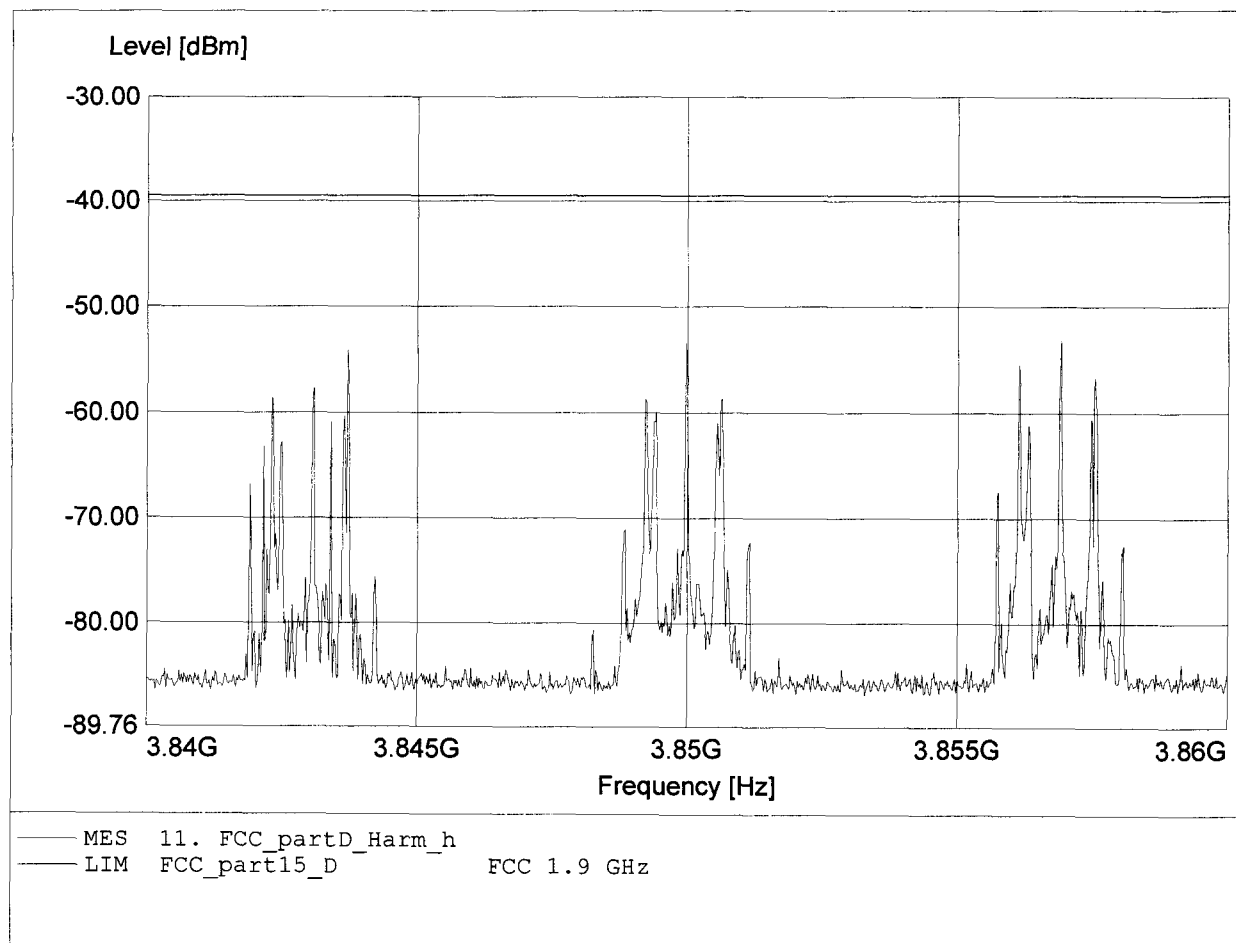
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: RTX3080
Model: 103 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.842GHz Pmax:-60.98dBm RBW:10 kHz



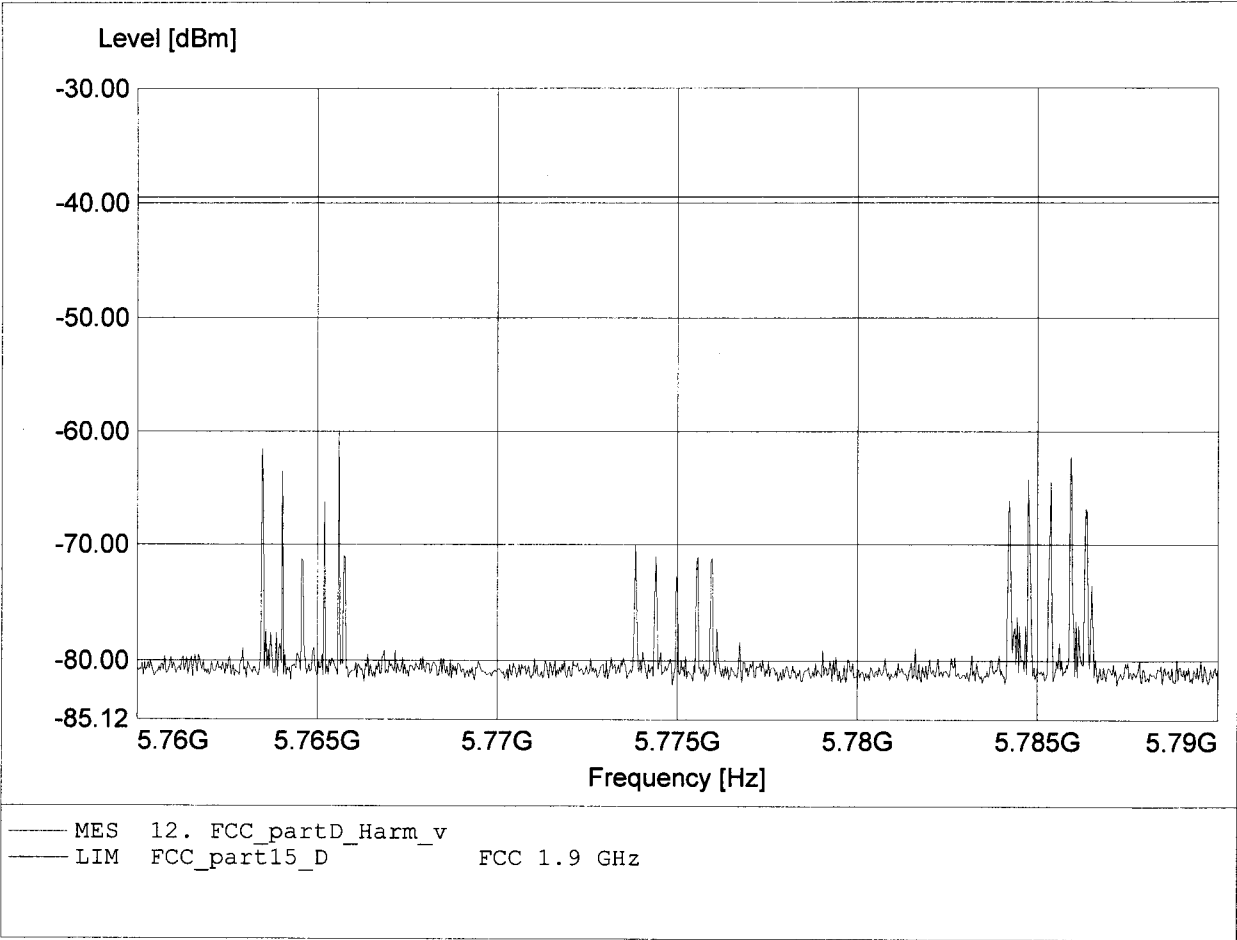
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: RTX3080
Model: 103 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.857GHz Pmax:-53.14dBm RBW:10 kHz



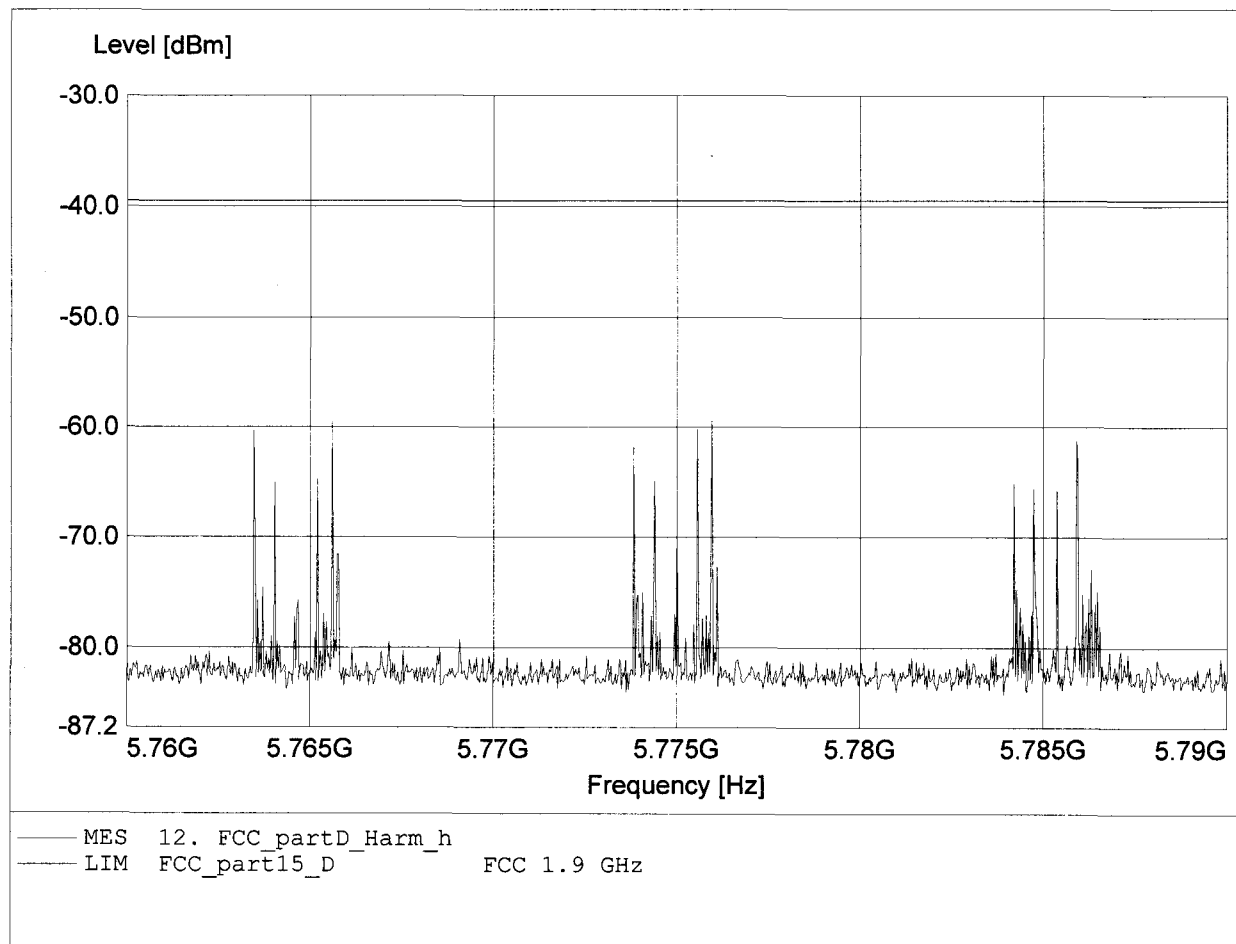
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: RTX3080
Model: 103 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.766GHz Pmax:-59.92dBm RBW:10 kHz



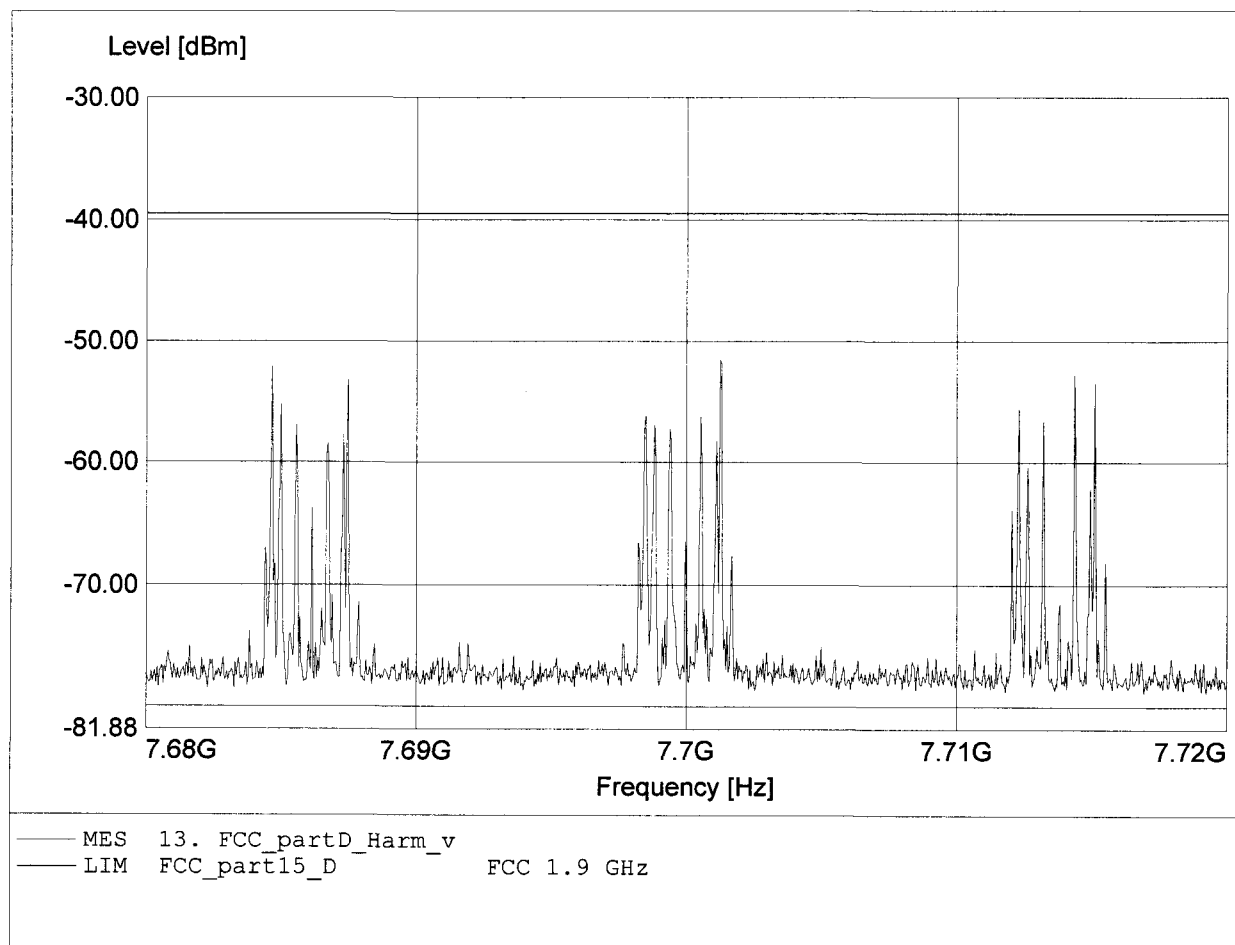
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.766GHz Pmax:-59.43dBm RBW:10 kHz



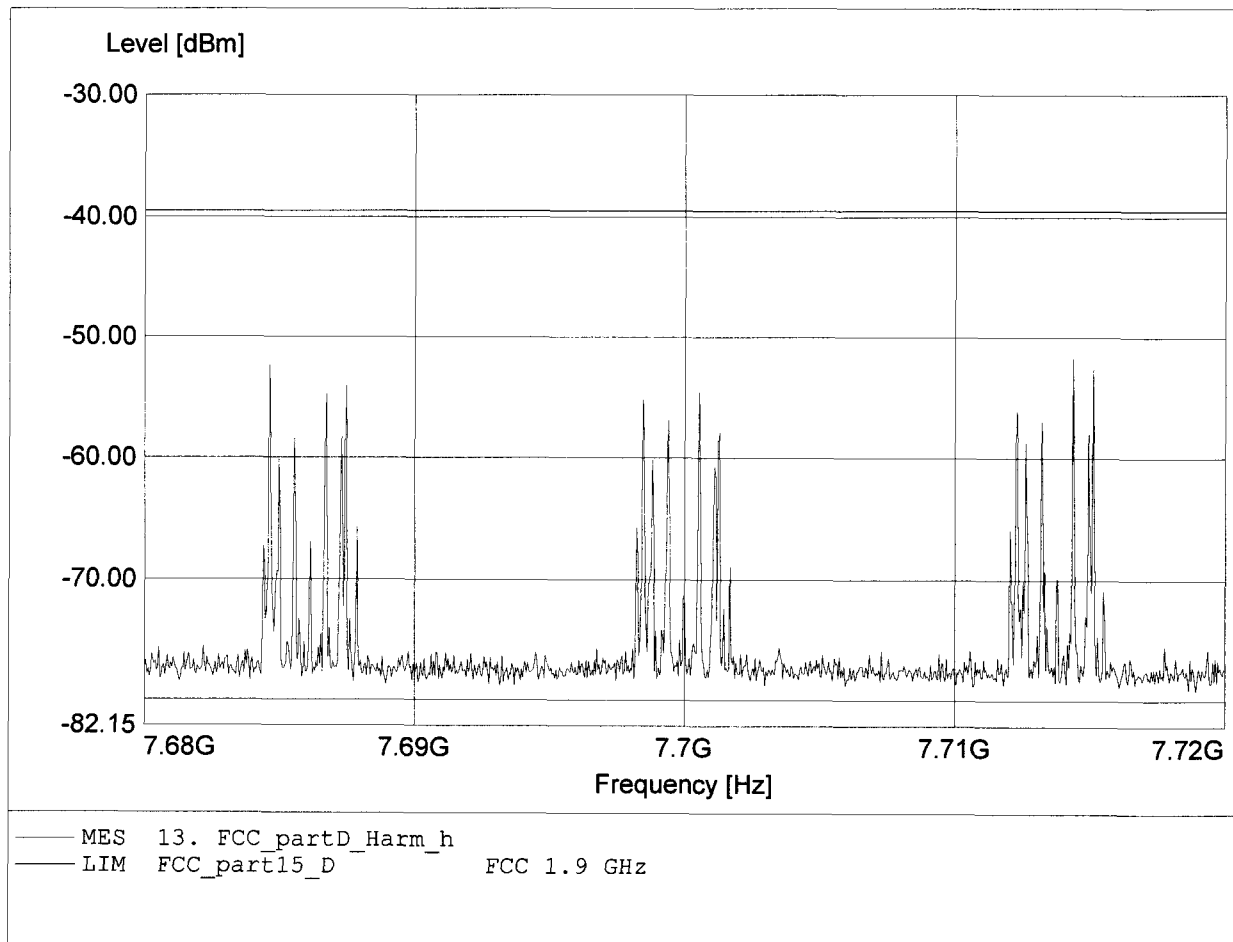
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.701GHz Pmax:-51.56dBm RBW:10 kHz



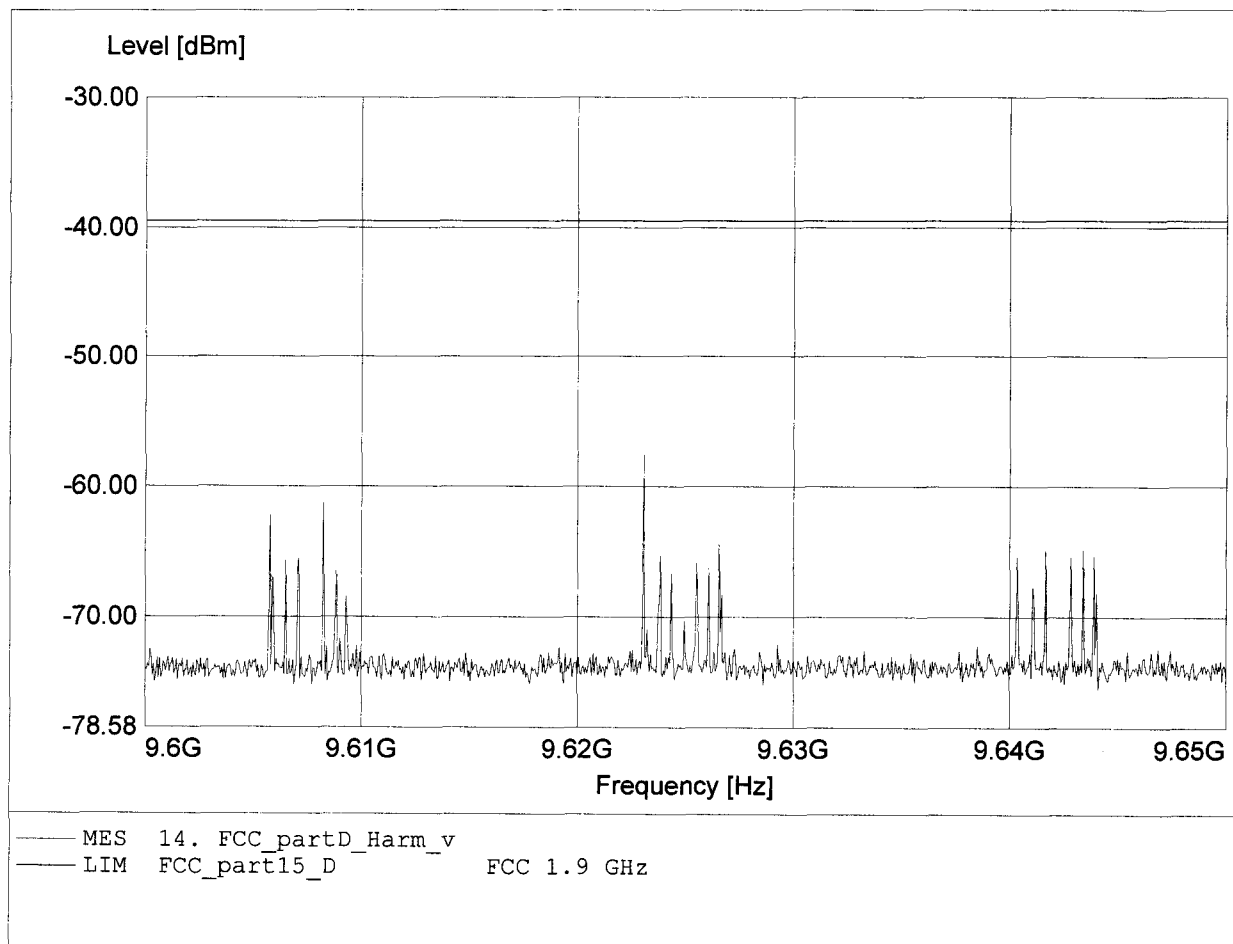
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.714GHz Pmax:-51.72dBm RBW:10 kHz



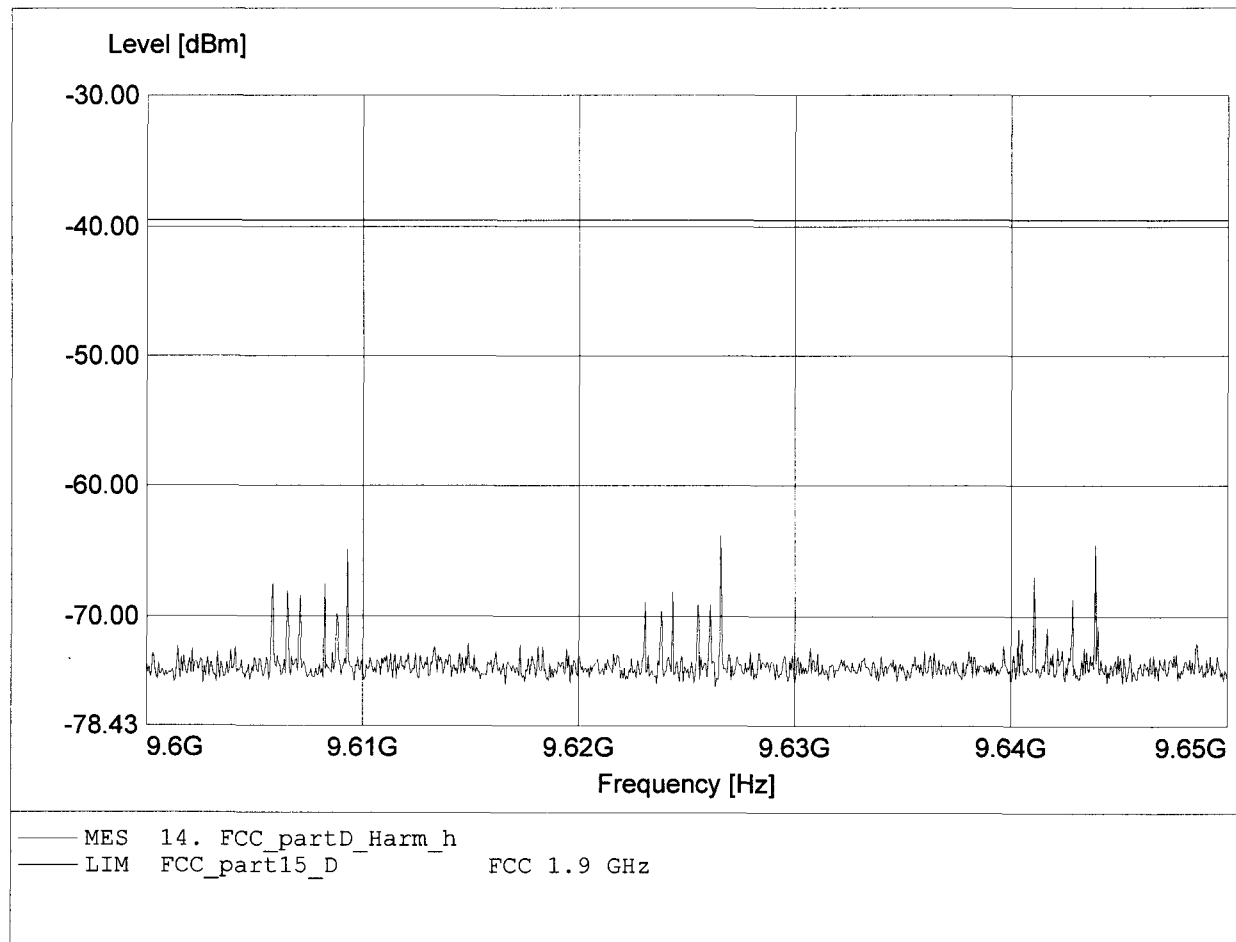
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.623GHz Pmax:-57.58dBm RBW:10 kHz



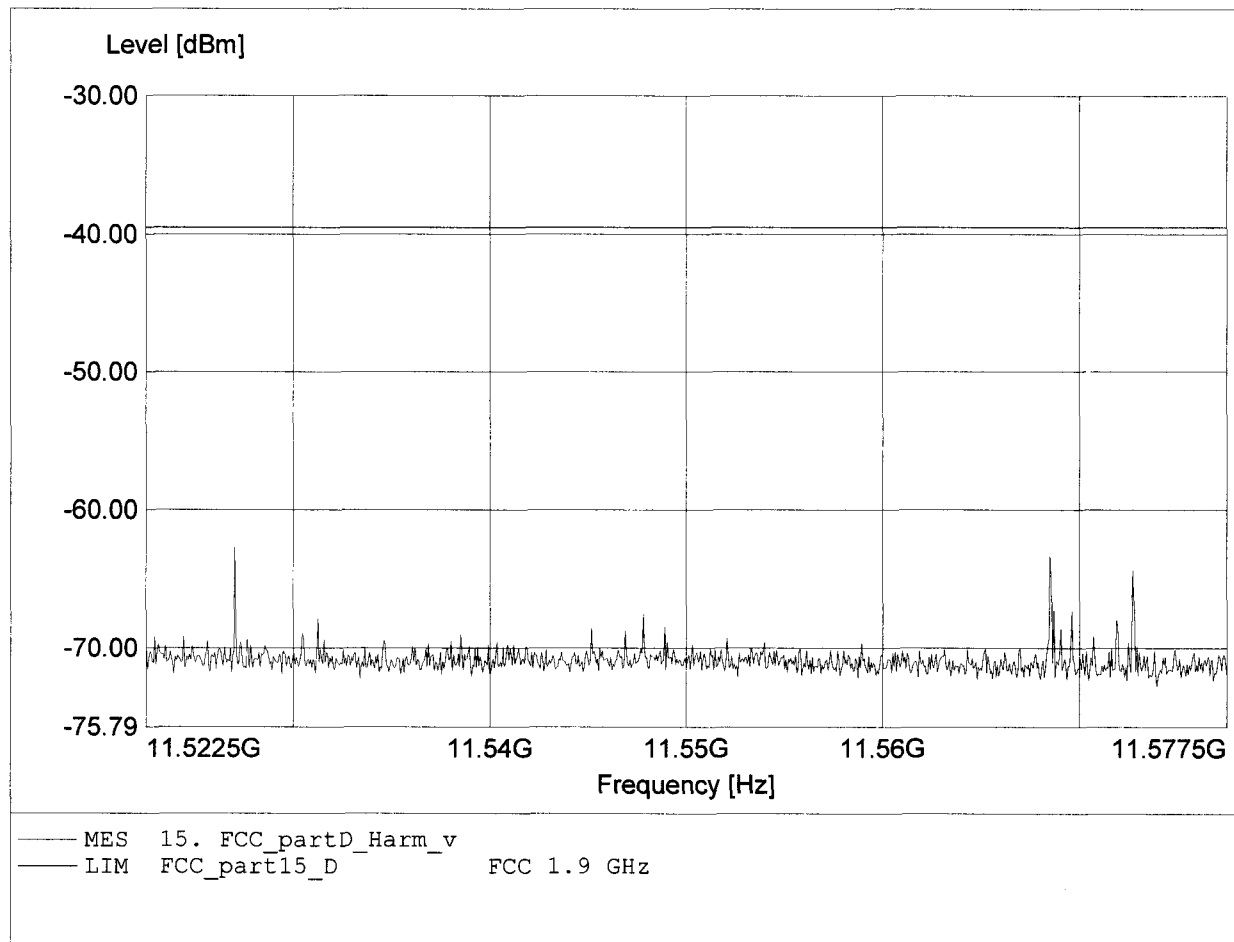
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq: 9.627GHz Pmax: -63.82dBm RBW: 10 kHz



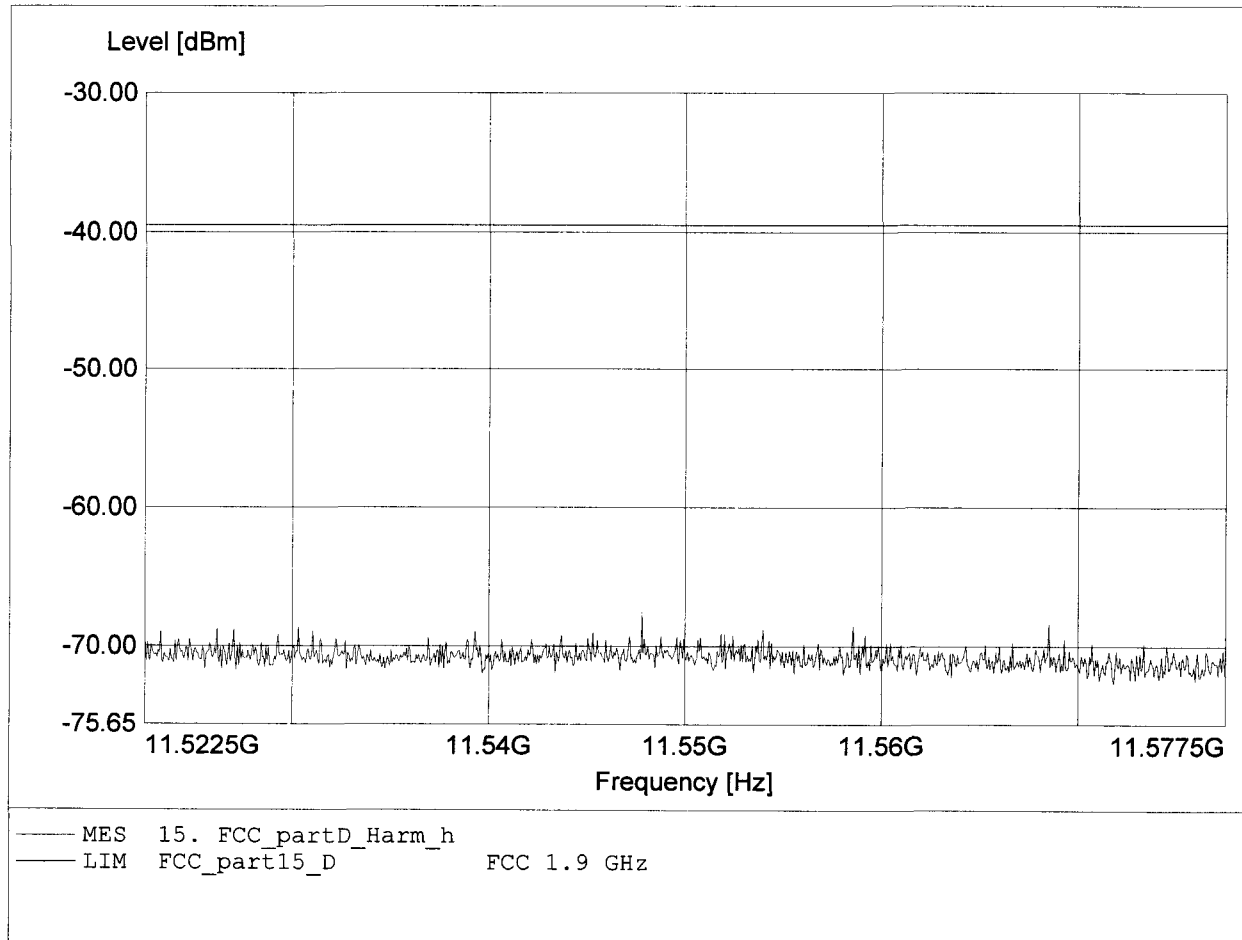
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.527GHz Pmax:-62.67dBm RBW:10 kHz



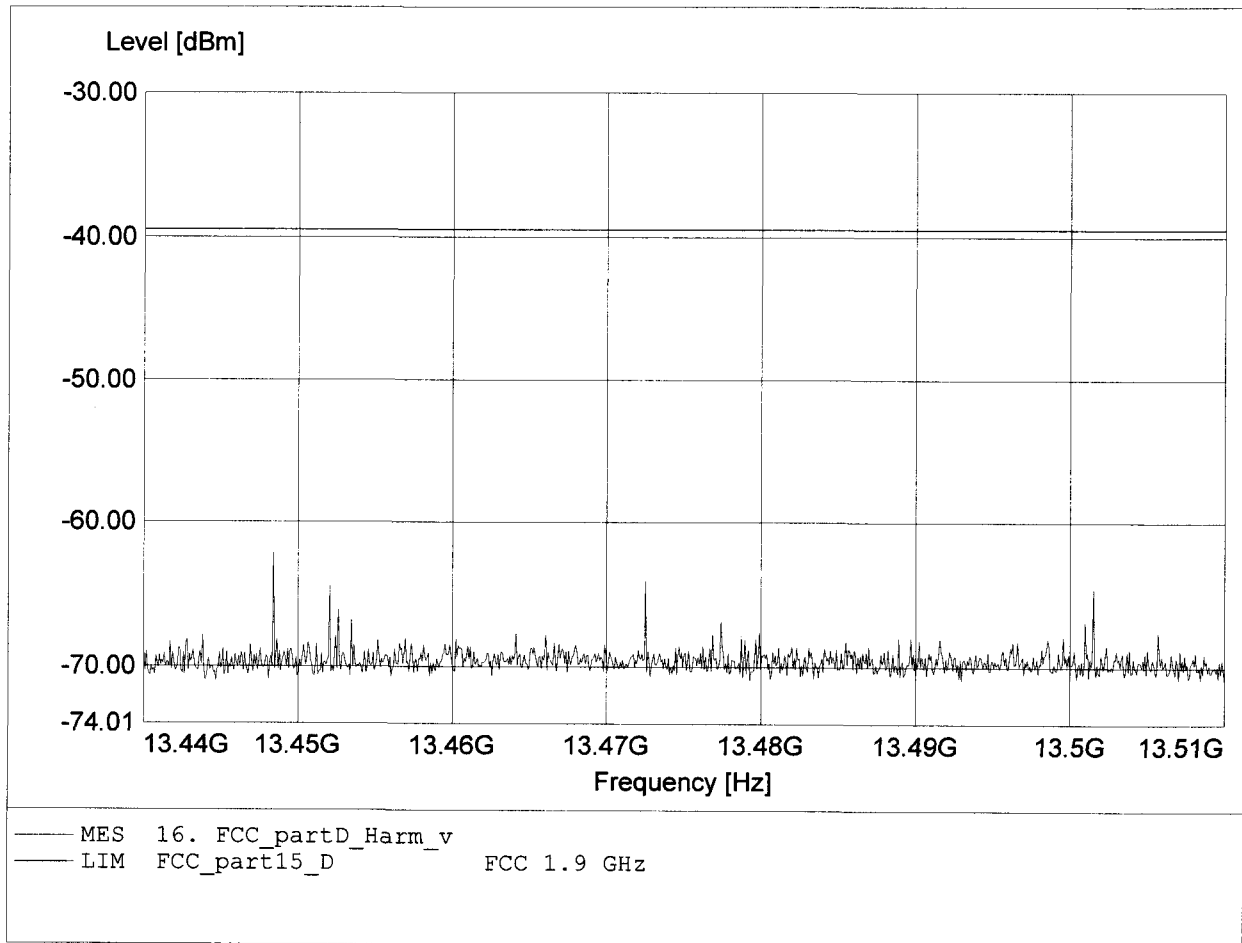
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.548GHz Pmax:-67.48dBm RBW:10 kHz



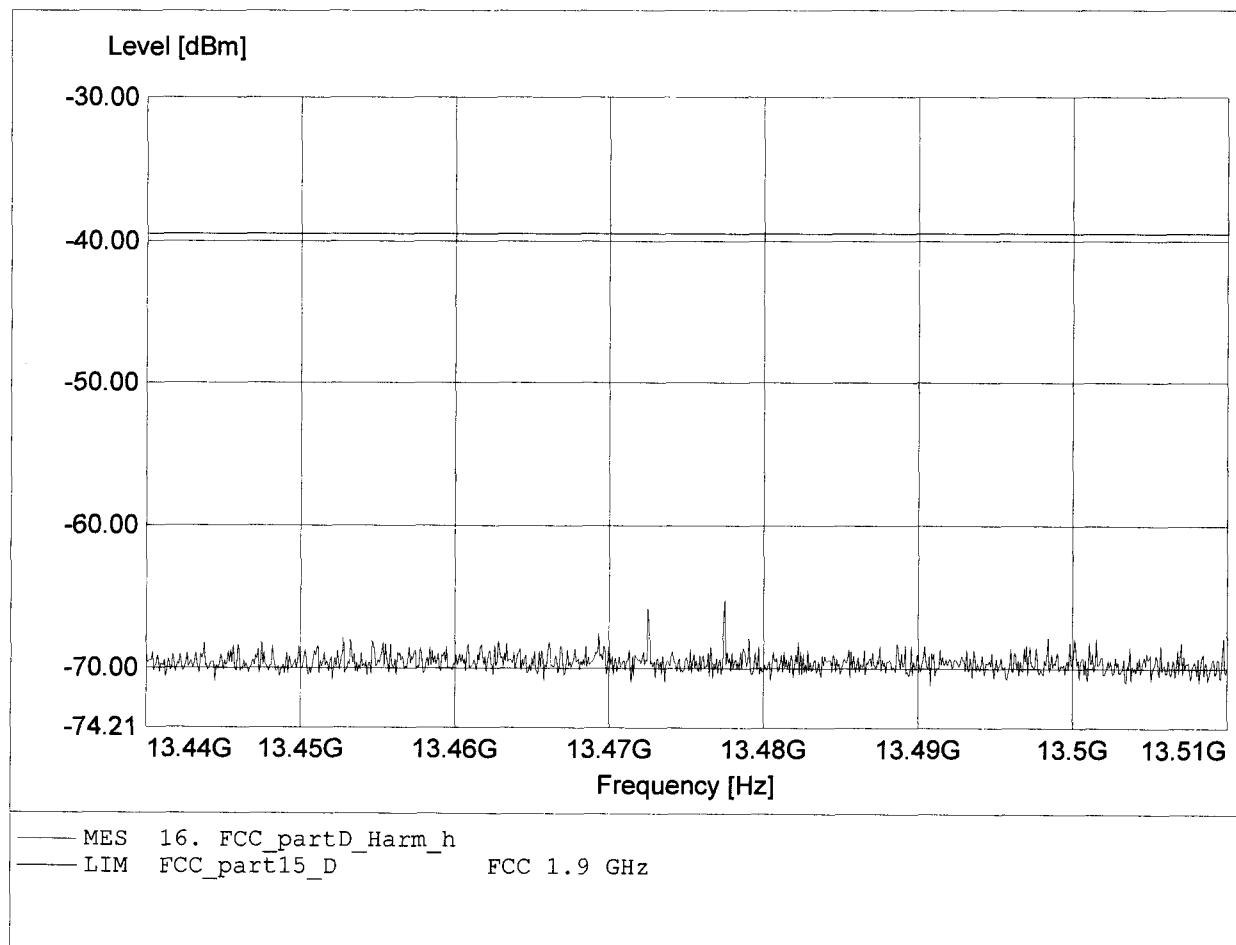
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:13.448GHz Pmax:-62.16dBm RBW:10 kHz



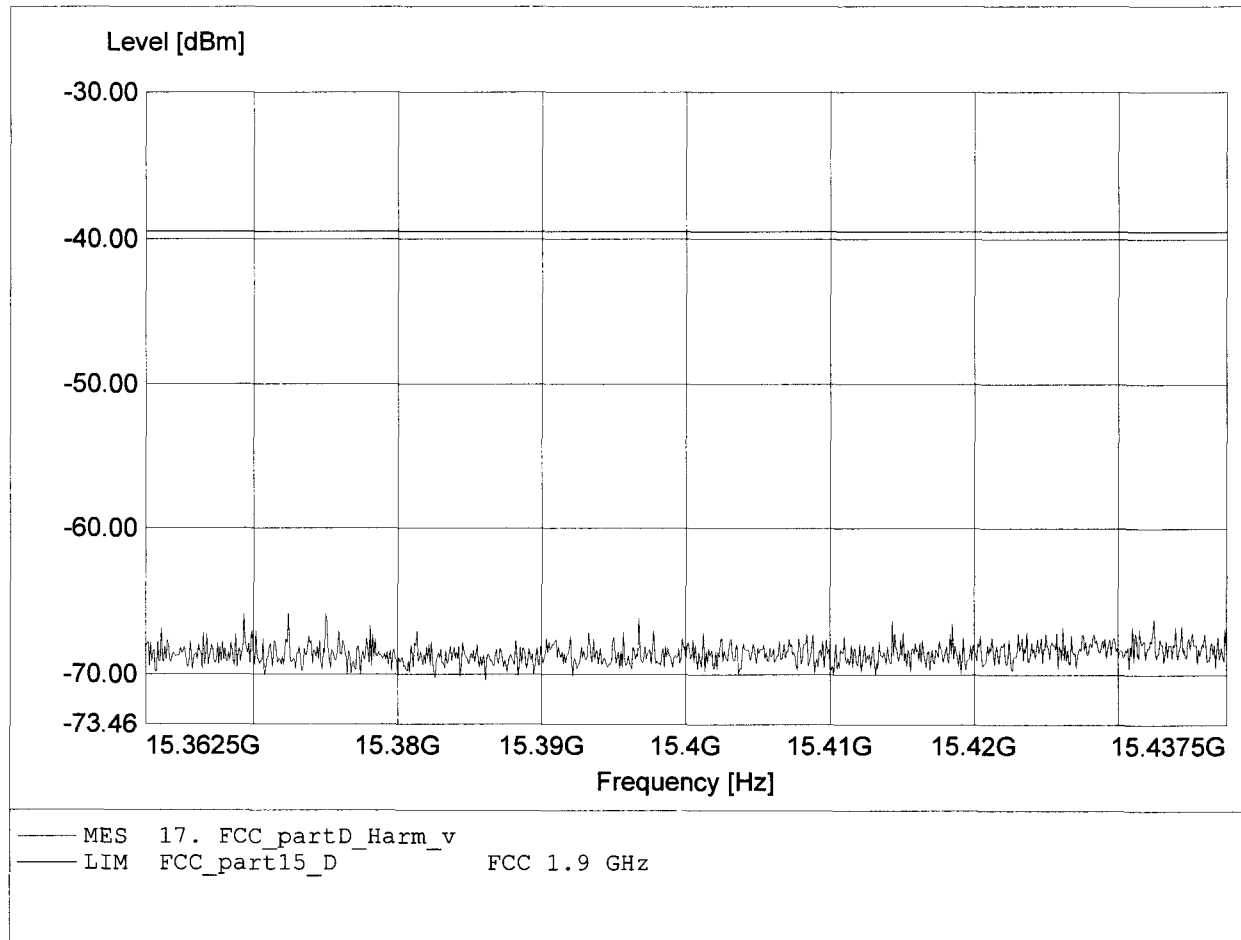
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:13.477GHz Pmax:-65.21dBm RBW:10 kHz



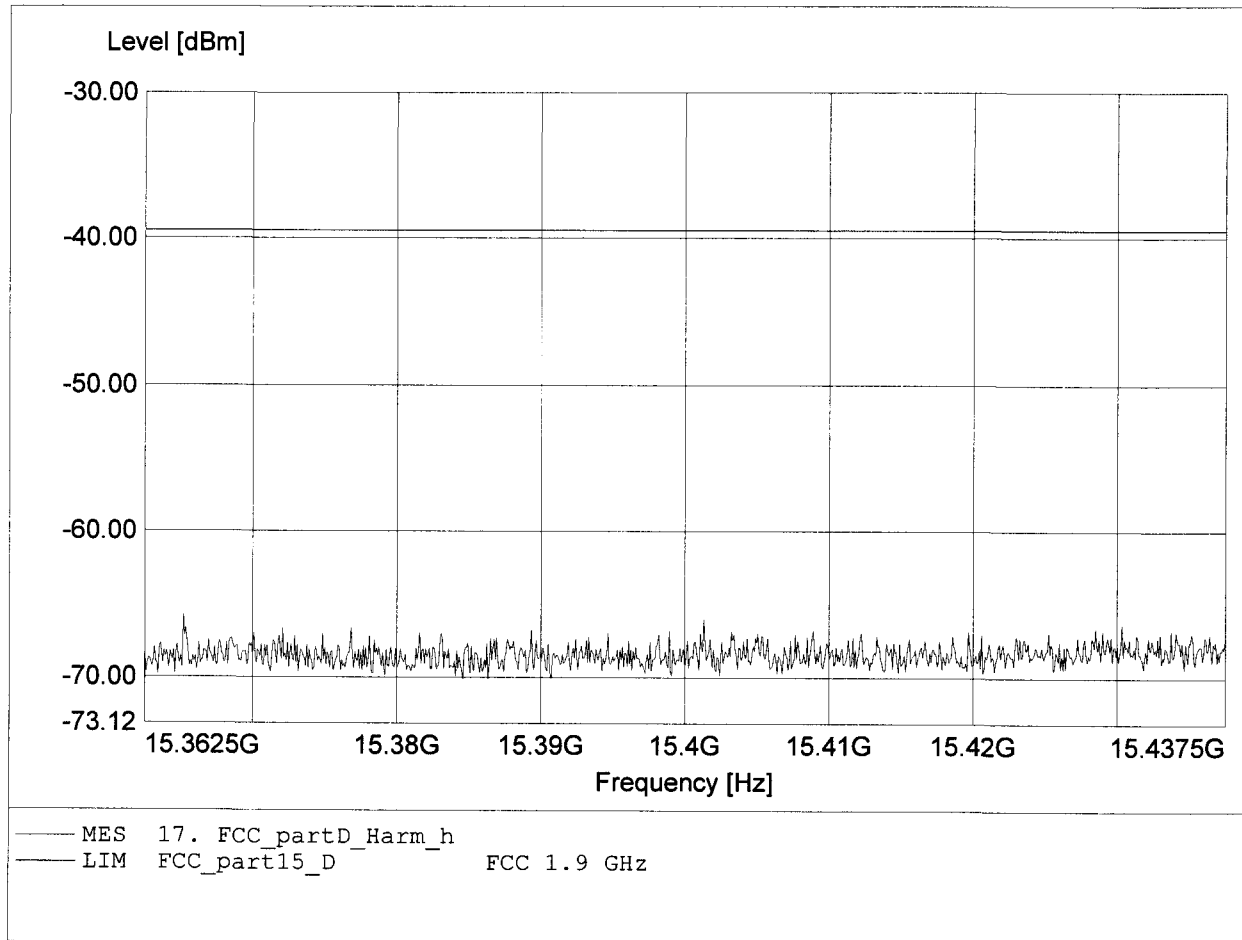
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:15.372GHz Pmax:-65.75dBm RBW:10 kHz



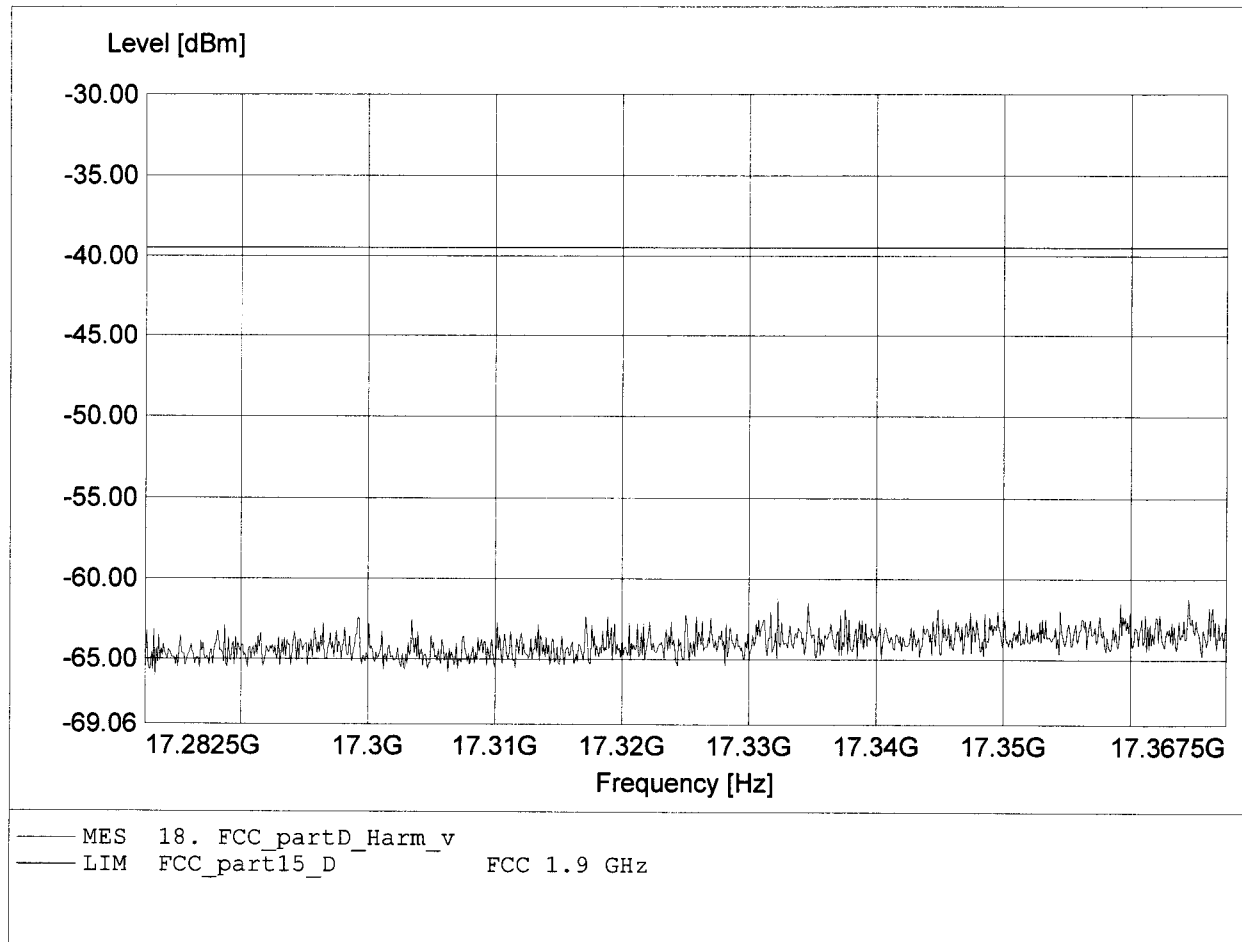
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:15.365GHz Pmax:-65.77dBm RBW:10 kHz



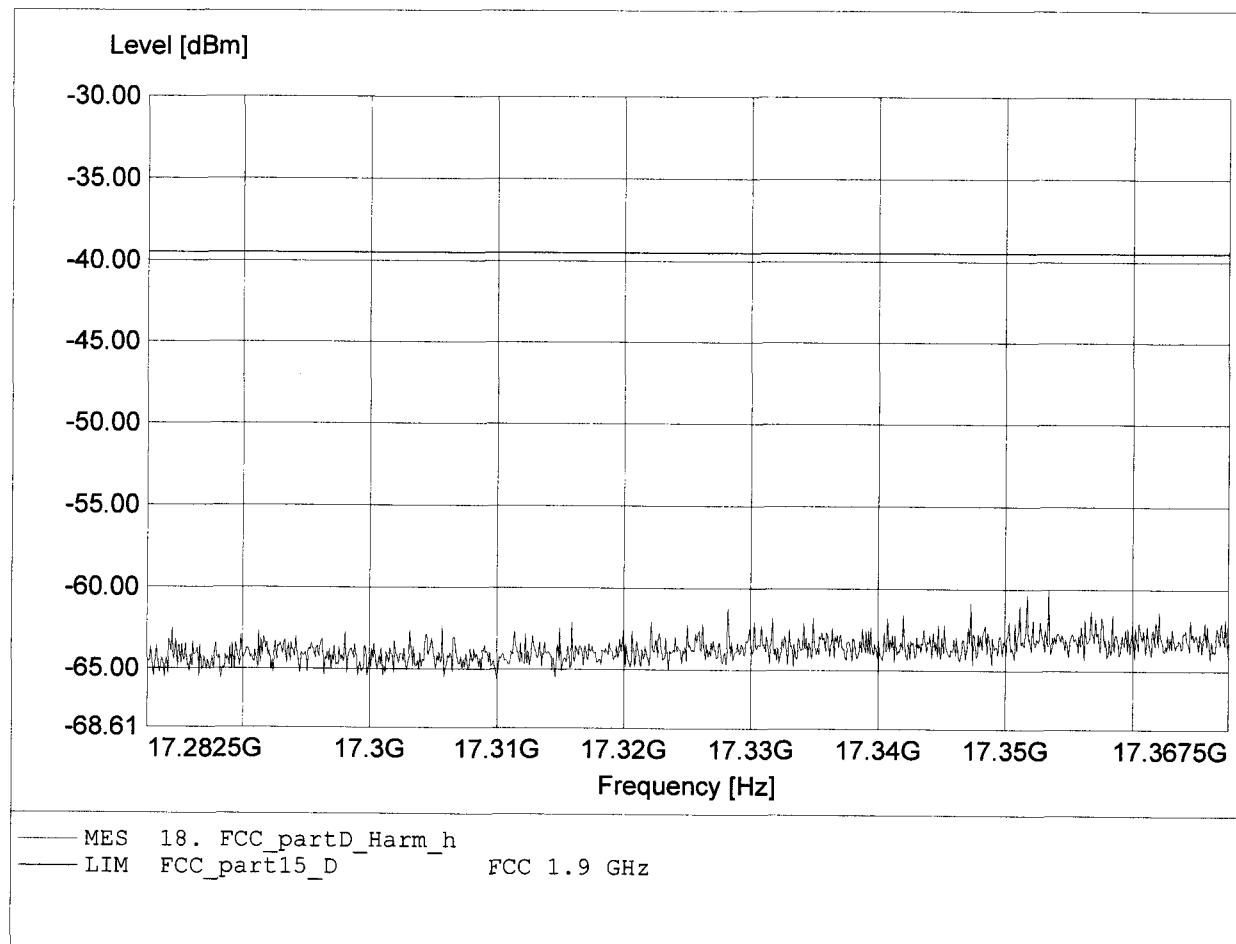
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:17.332GHz Pmax:-61.17dBm RBW:10 kHz



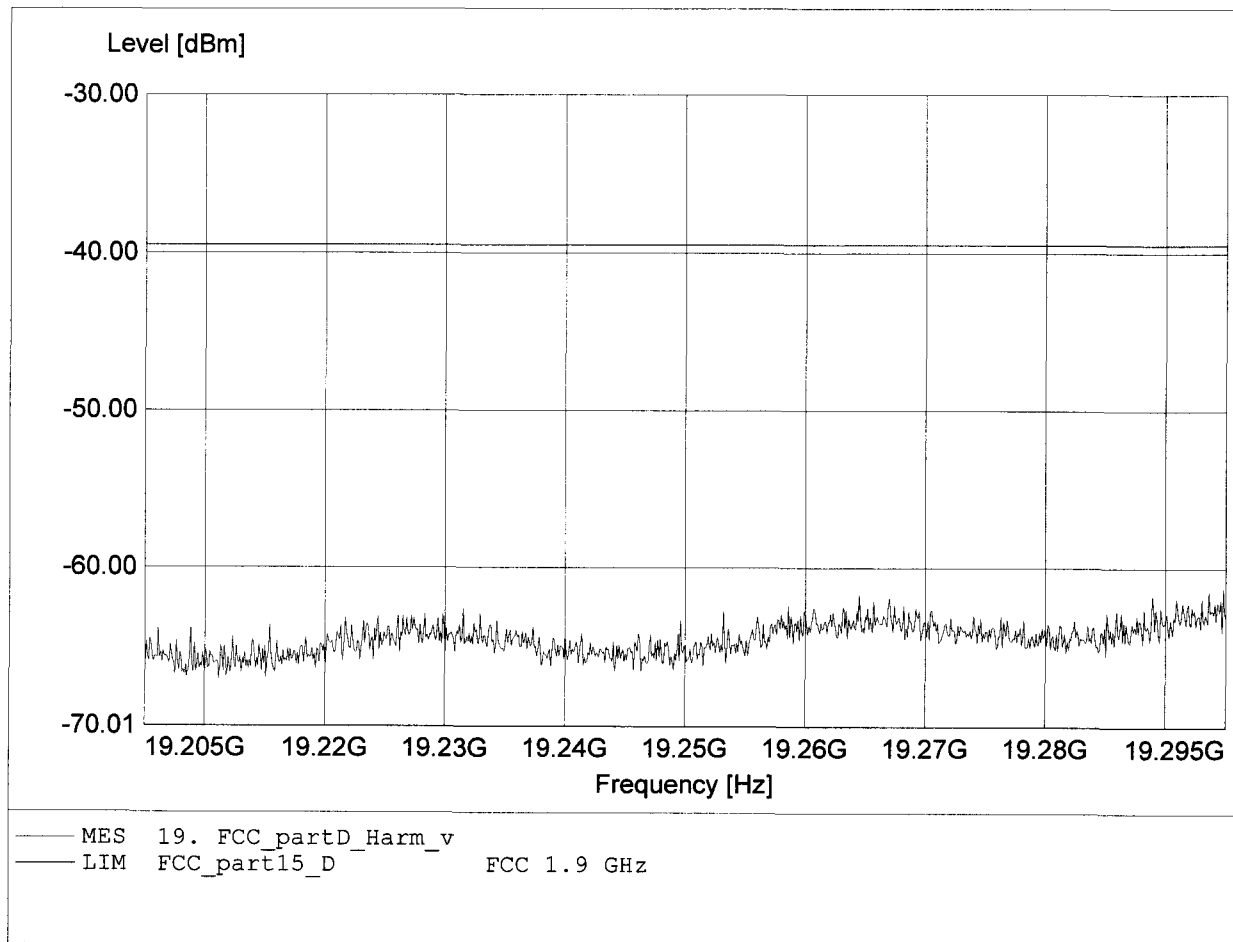
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:17.353GHz Pmax:-60.06dBm RBW:10 kHz



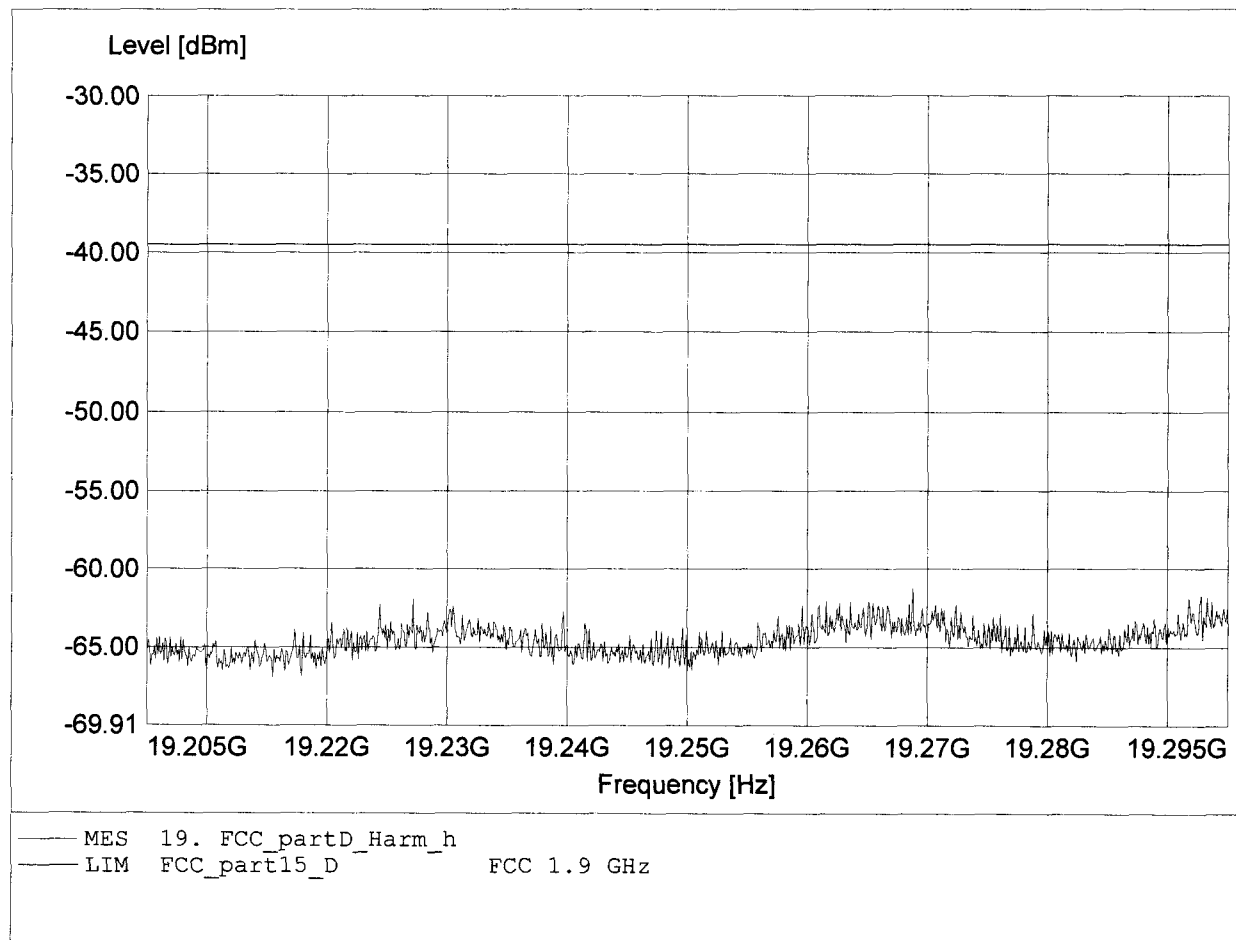
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:19.295GHz Pmax:-61.27dBm RBW:10 kHz



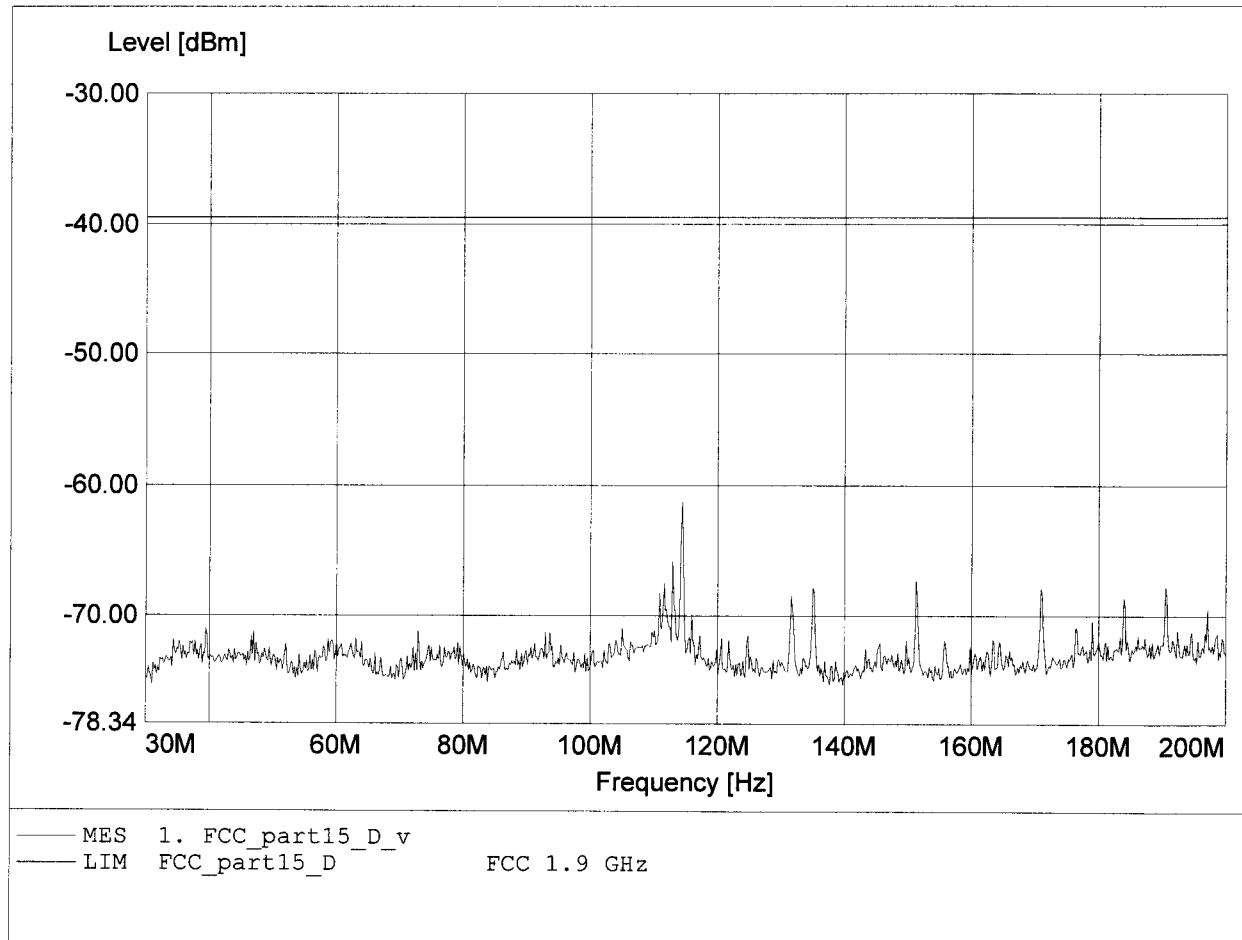
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:19.269GHz Pmax:-61.24dBm RBW:10 kHz



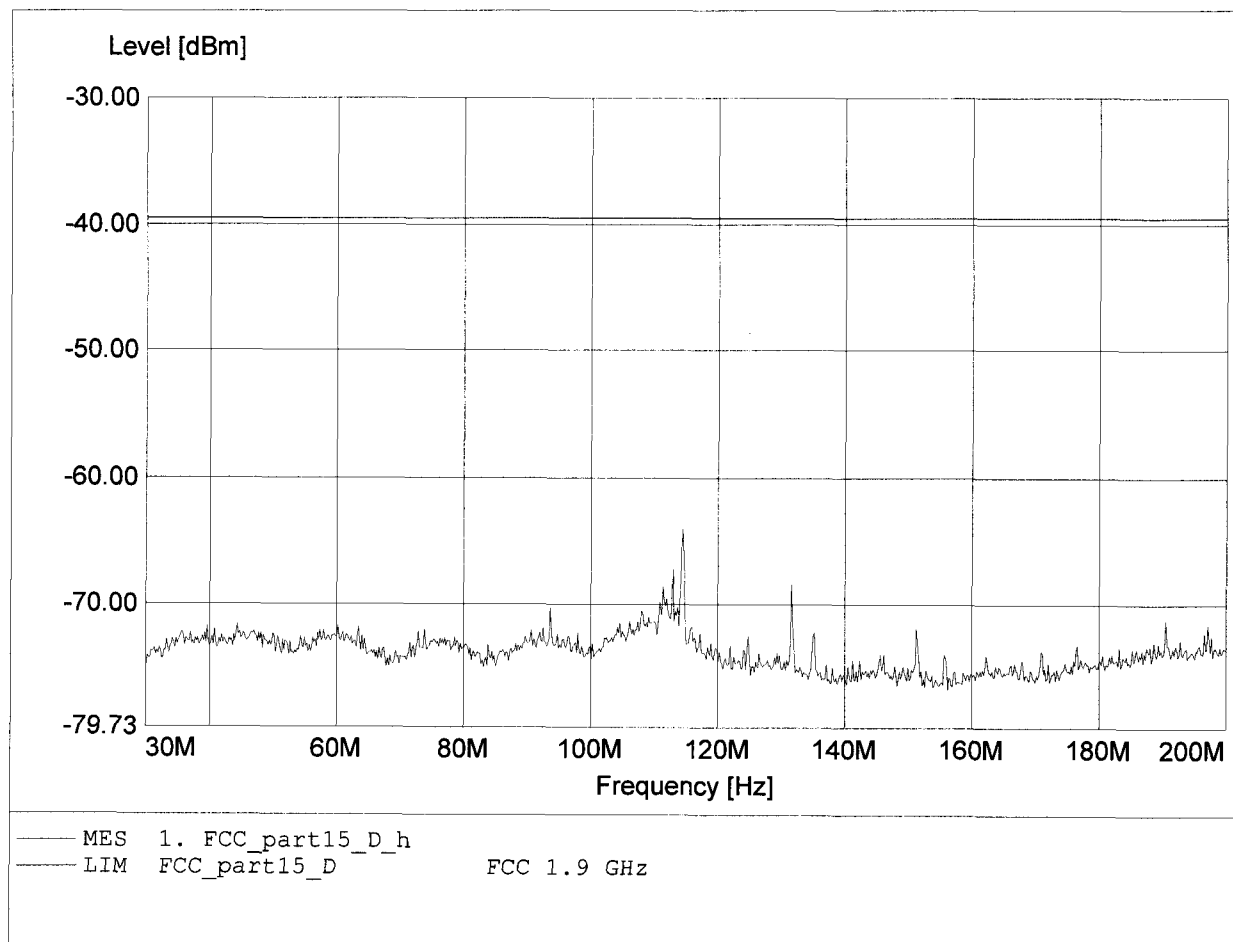
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:114.433MHz Pmax:-61.25dBm RBW: 100 kHz



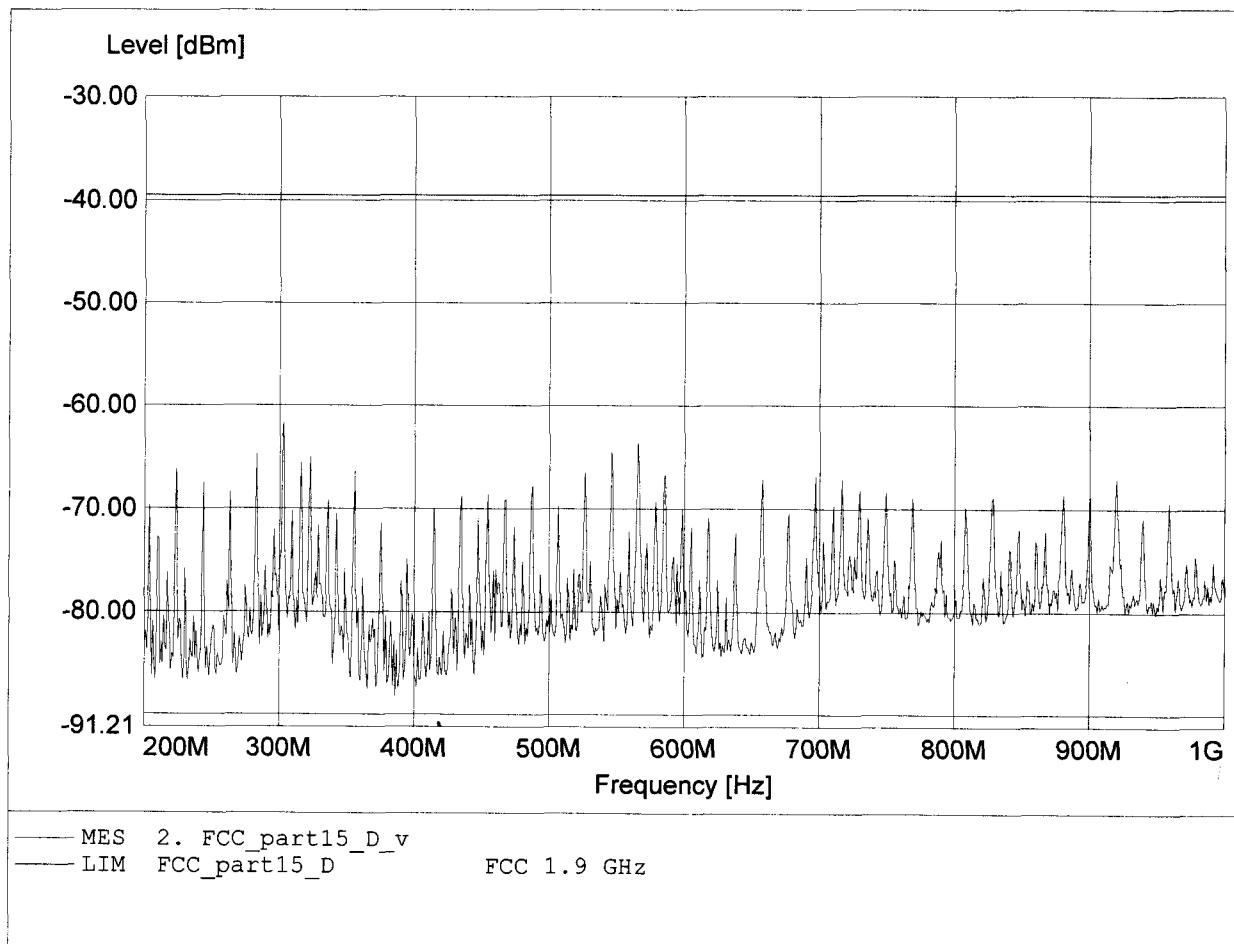
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:114.433MHz Pmax:-64.06dBm RBW: 100 kHz



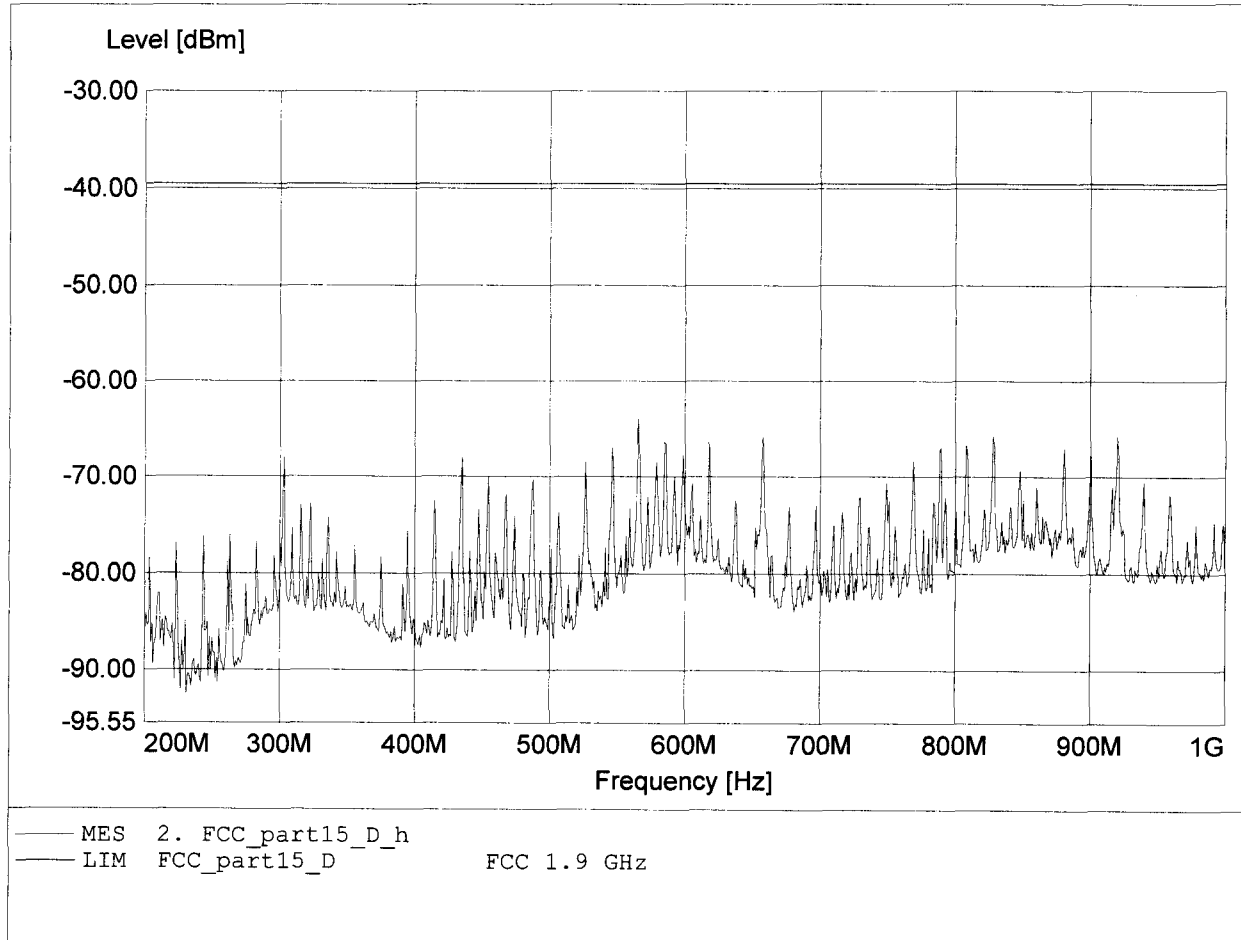
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:303.111MHz Pmax:-61.76dBm RBW: 100 kHz



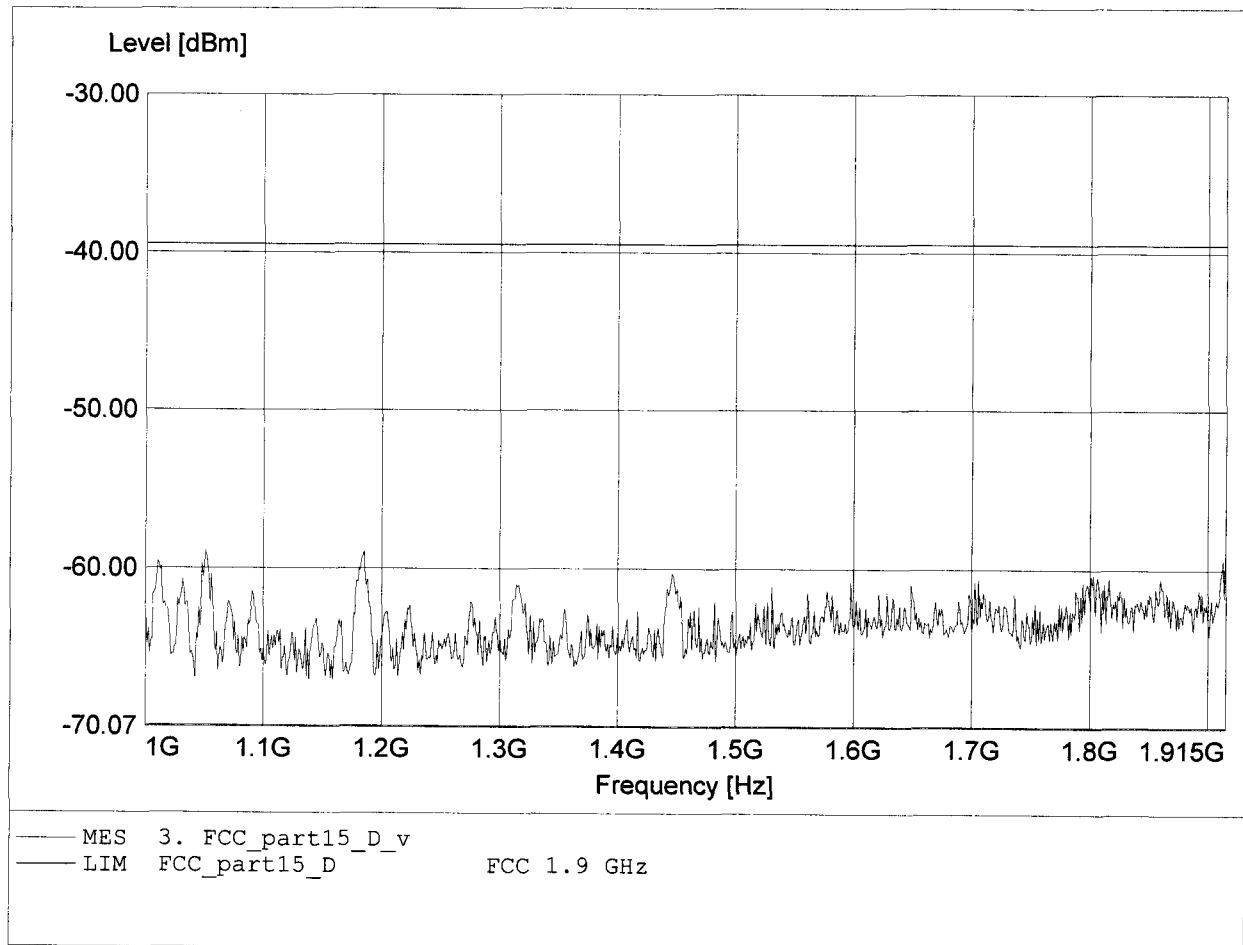
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:565.333MHz Pmax:-63.91dBm RBW: 100 kHz



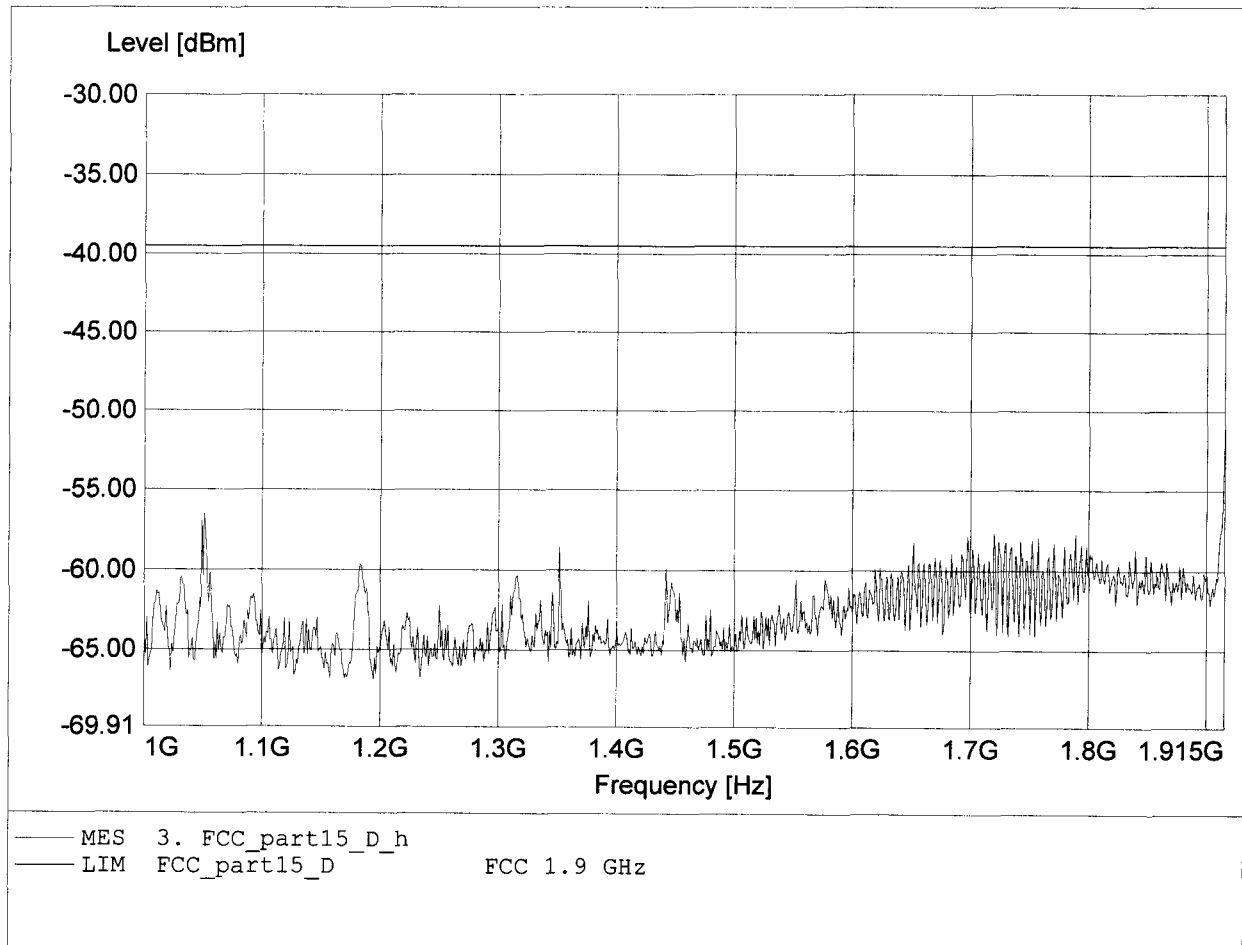
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.915GHz Pmax:-58.06dBm RBW: 1 MHz



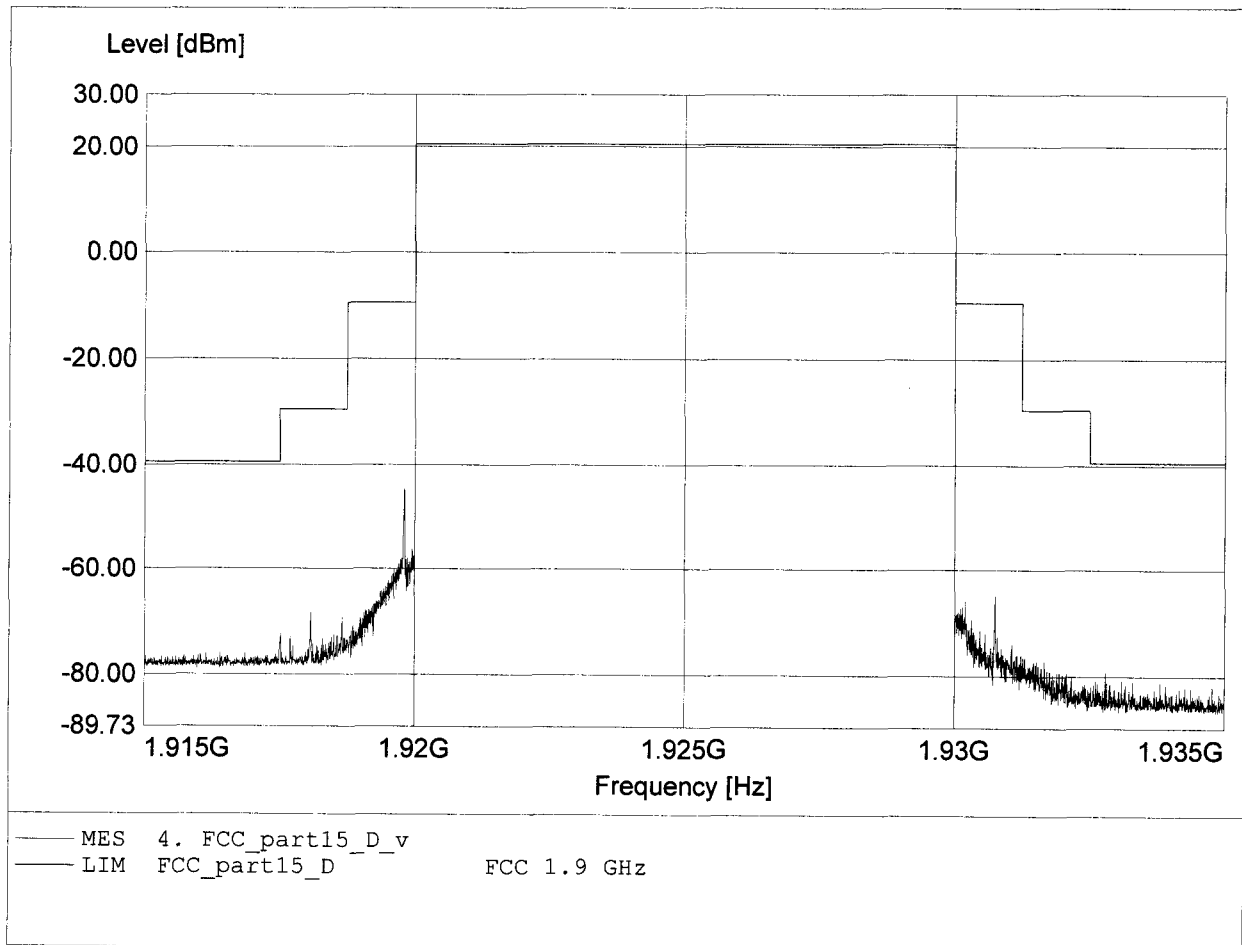
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.915GHz Pmax:-50.60dBm RBW: 1 MHz



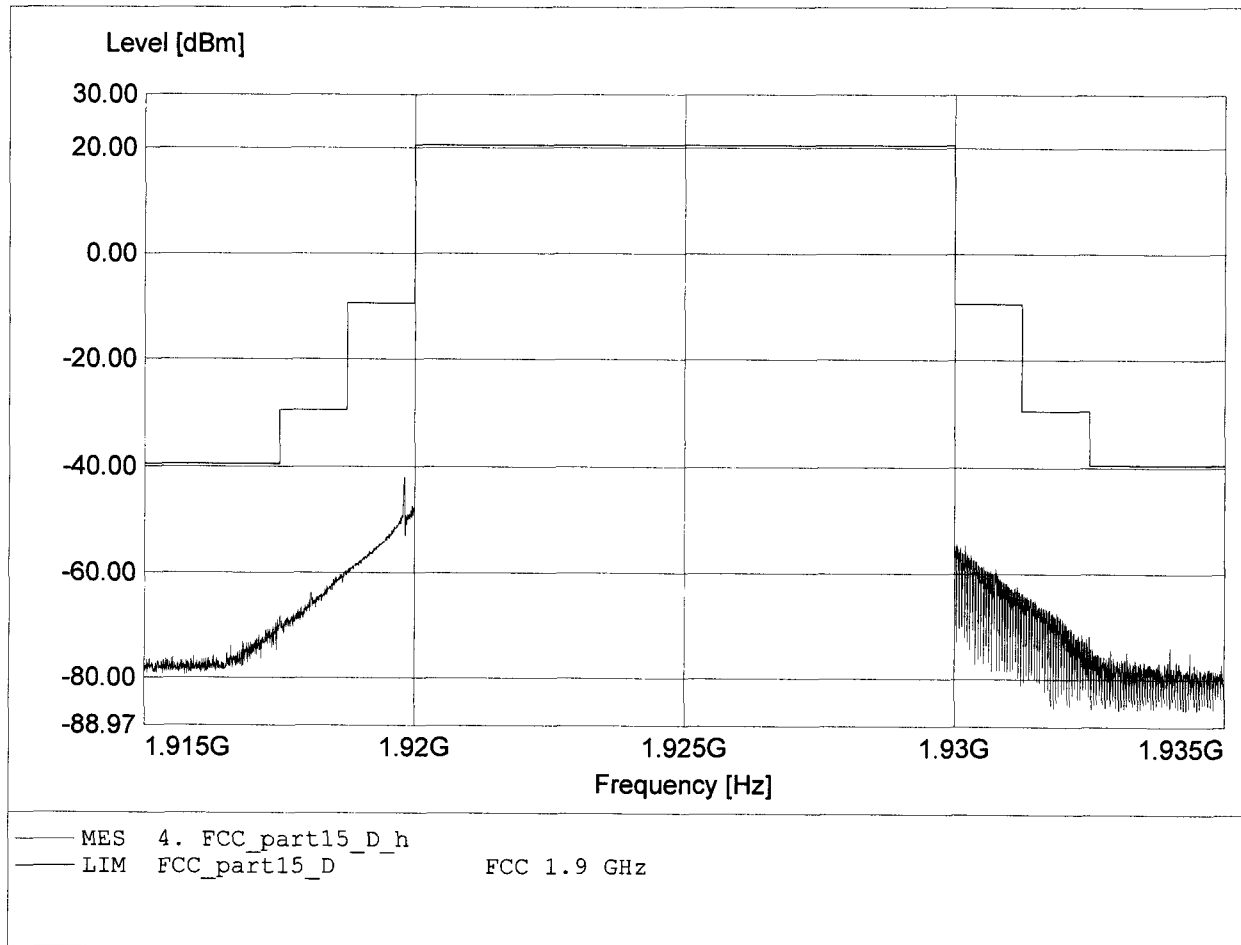
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-44.65dBm RBW:10 kHz



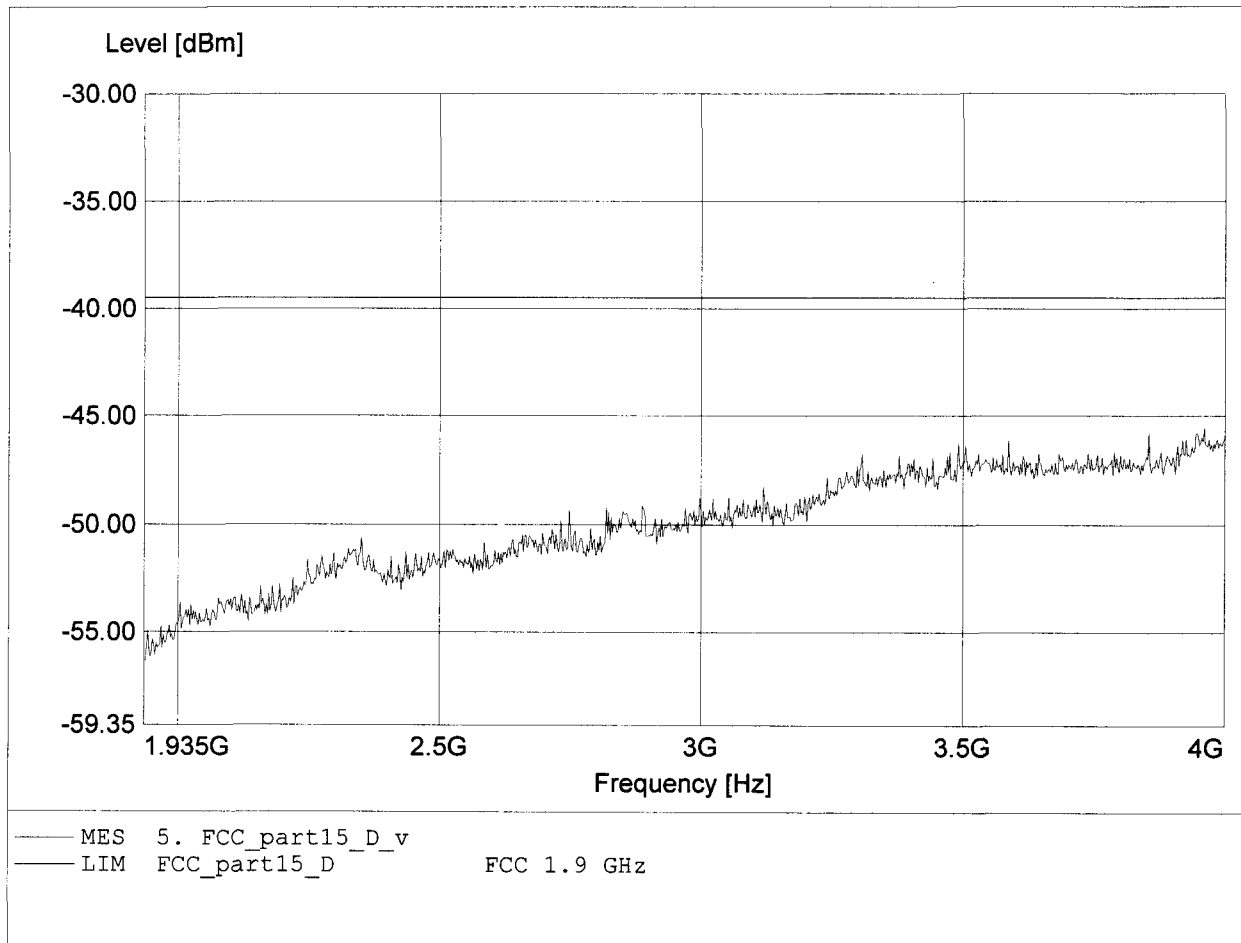
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-42.01dBm RBW:10 kHz



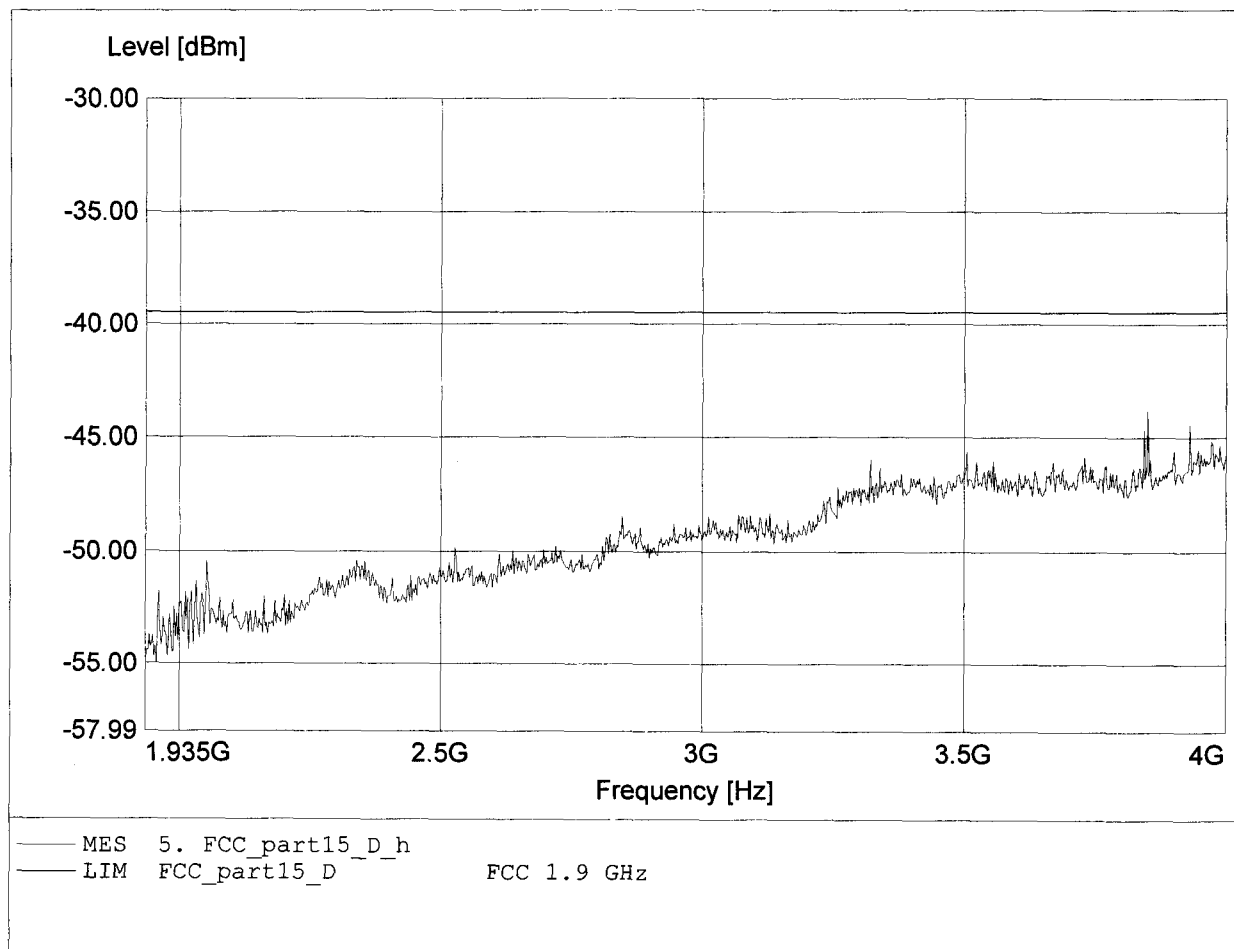
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.961GHz Pmax:-45.55dBm RBW: 1 MHz



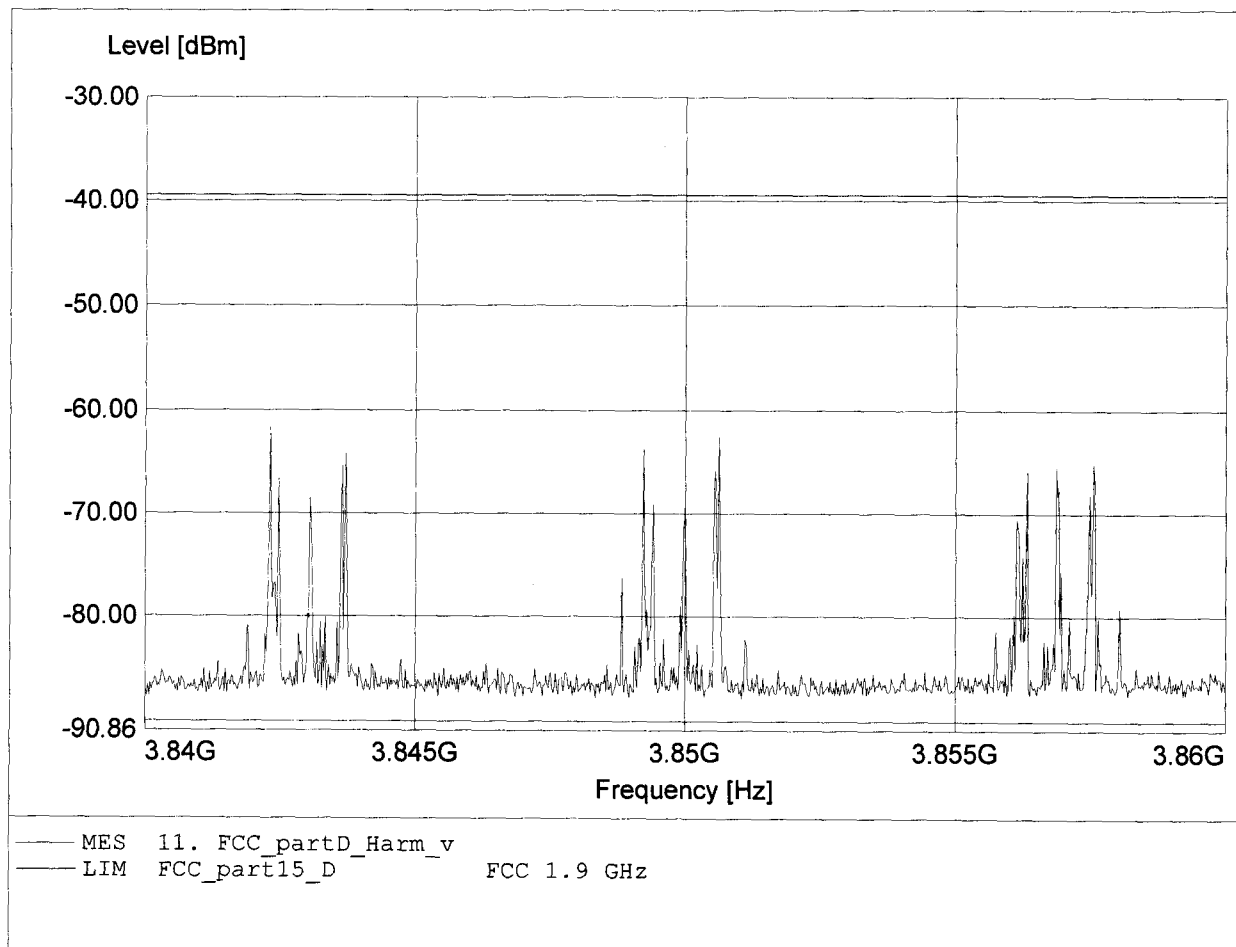
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.851GHz Pmax:-43.81dBm RBW: 1 MHz



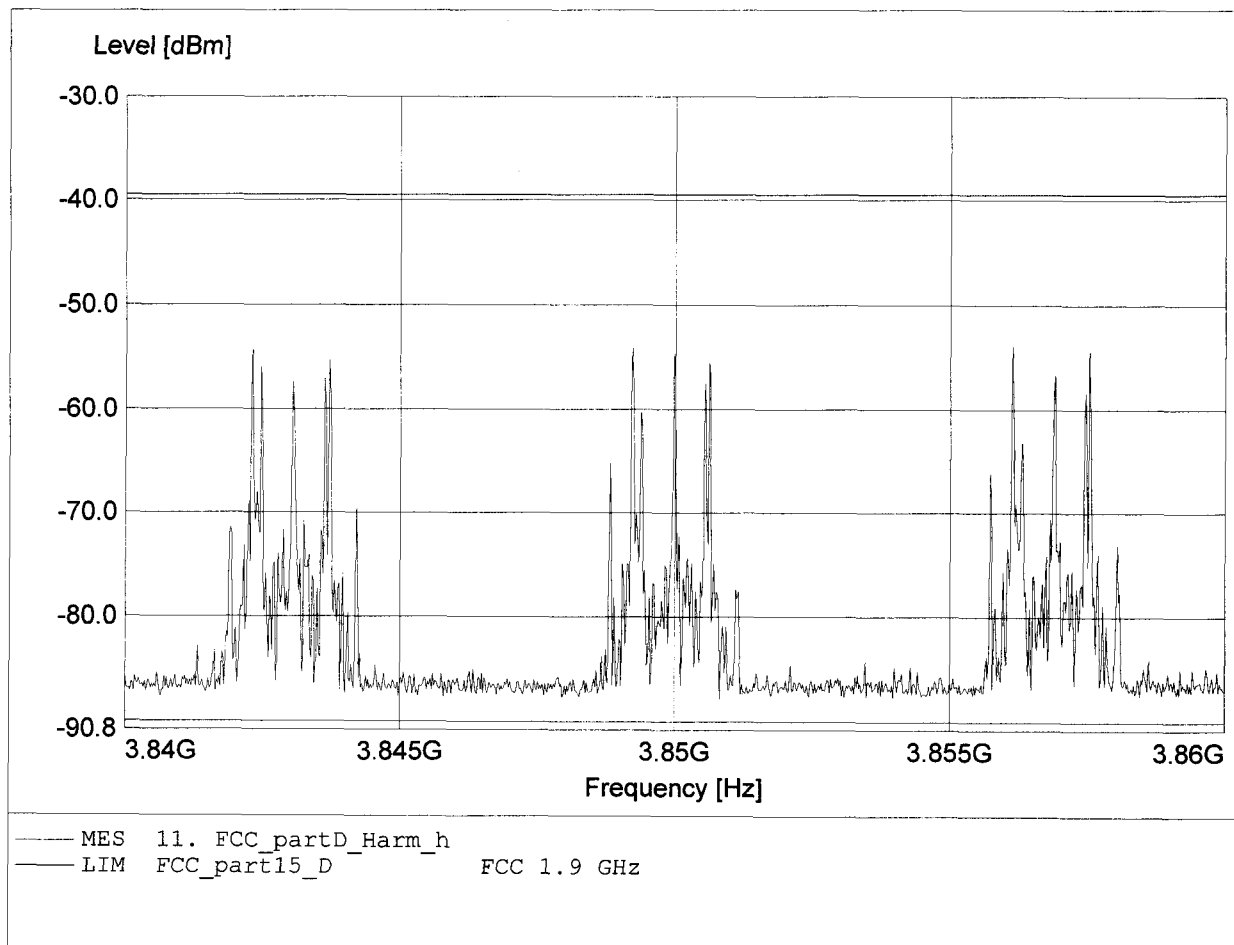
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.842GHz Pmax:-61.64dBm RBW:10 kHz



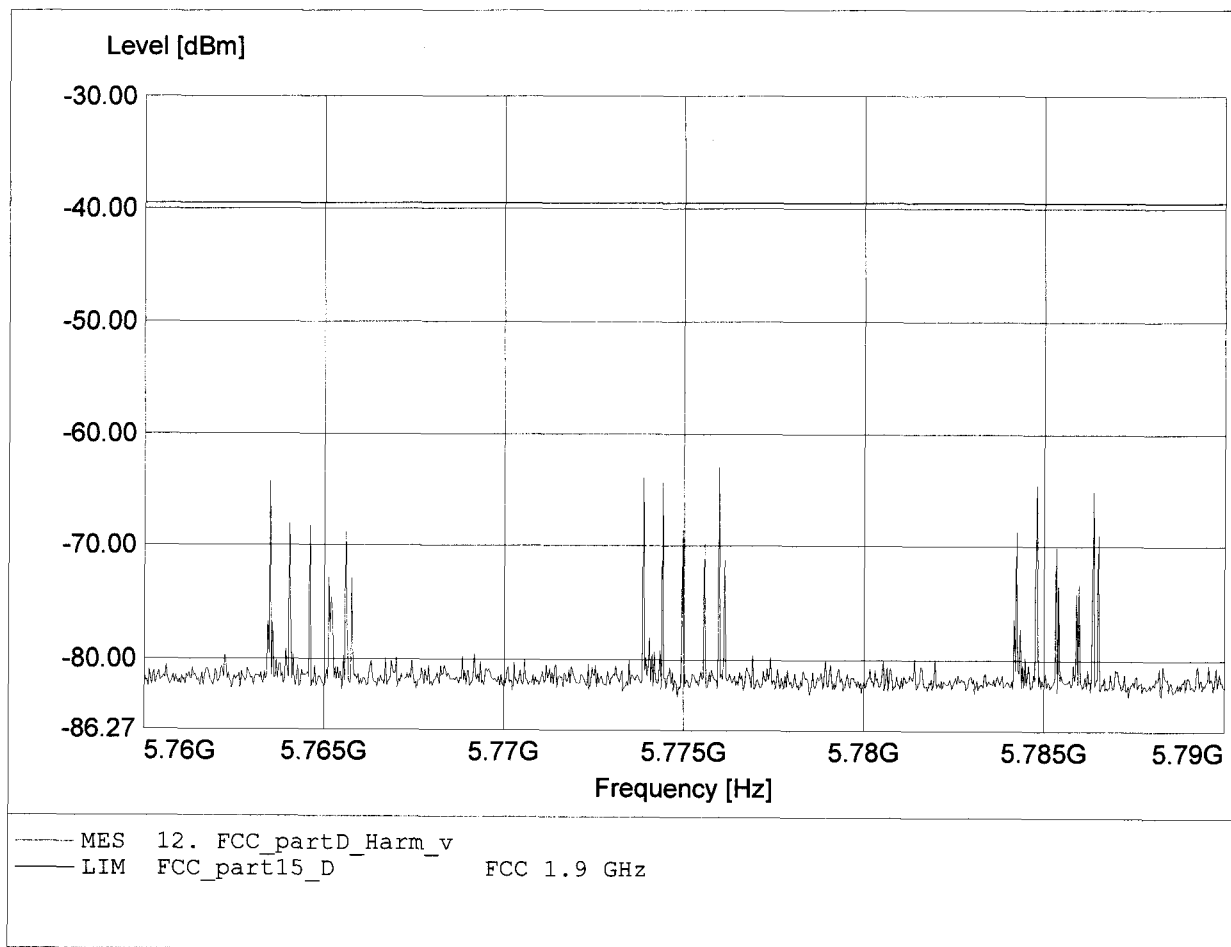
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.856GHz Pmax:-53.90dBm RBW:10 kHz



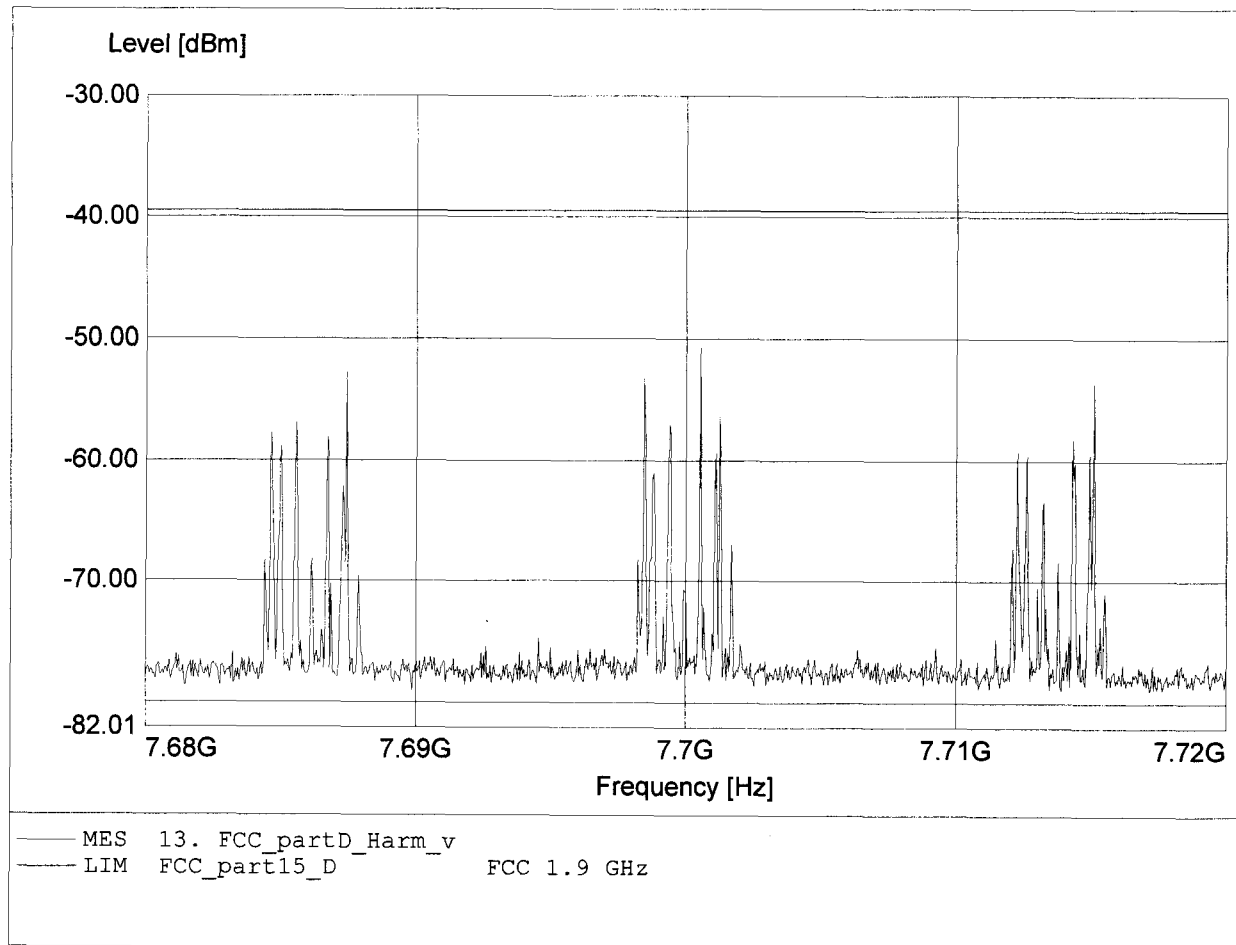
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.776GHz Pmax:-62.92dBm RBW:10 kHz



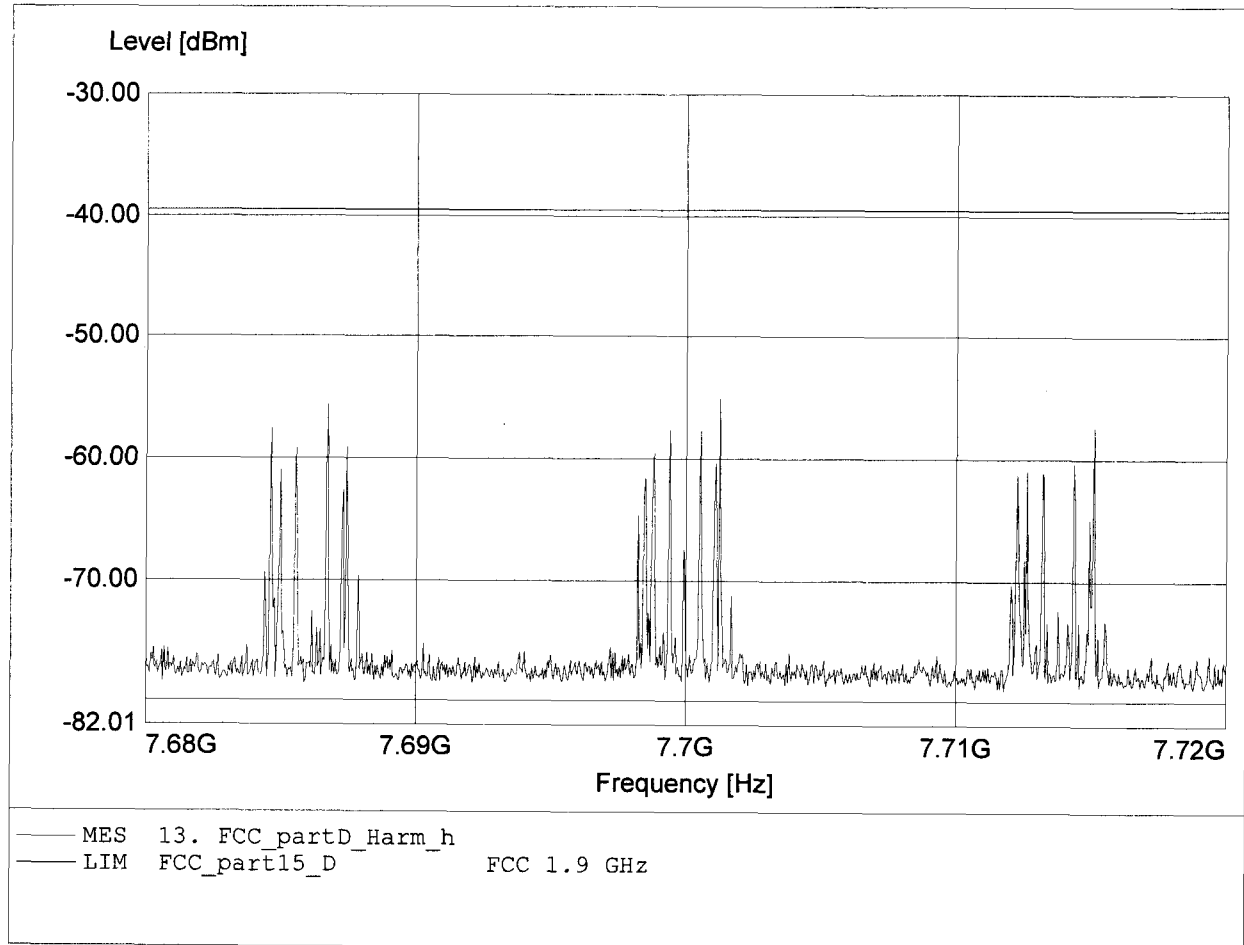
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.701GHz Pmax:-50.74dBm RBW:10 kHz



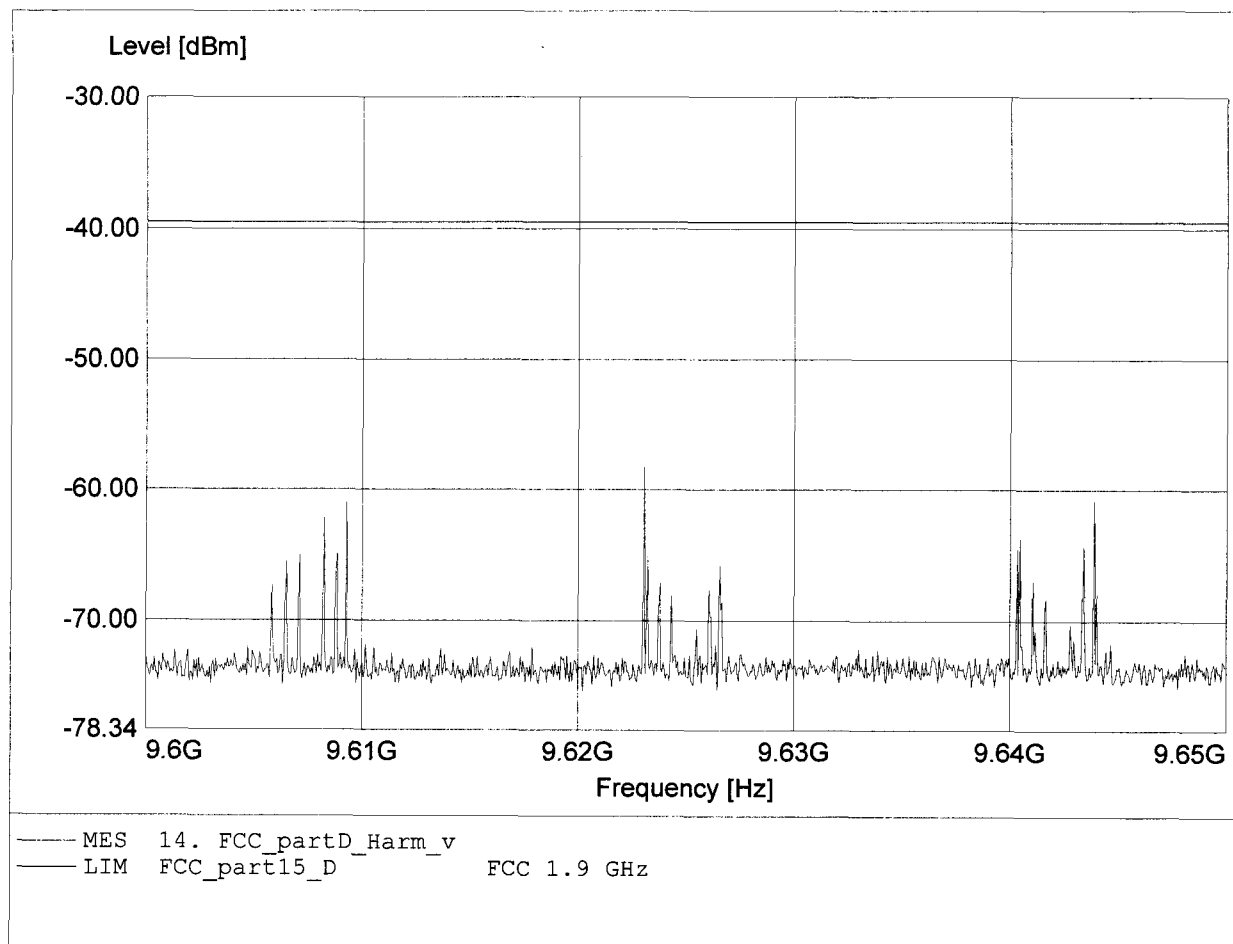
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.701GHz Pmax:-55.12dBm RBW:10 kHz



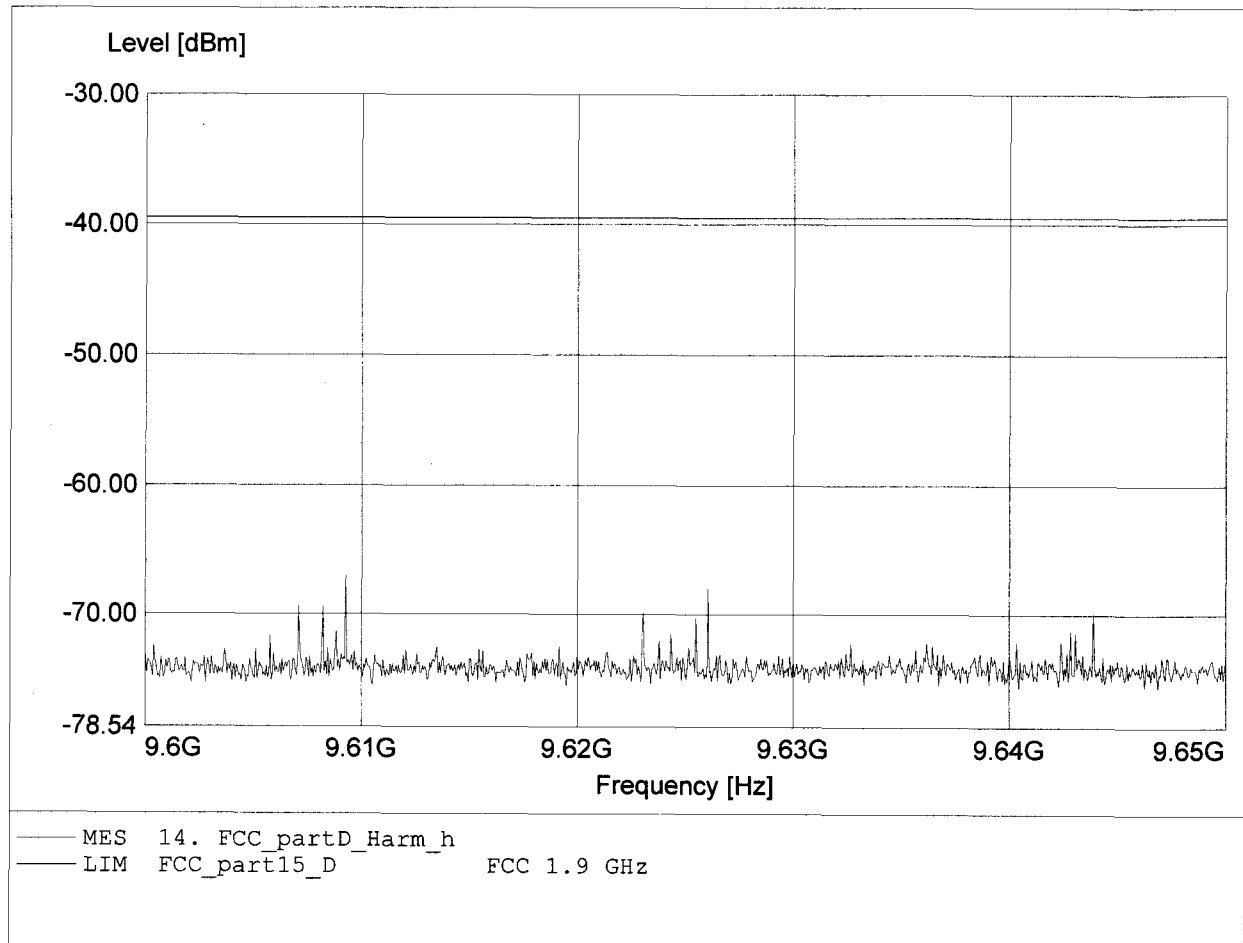
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.623GHz Pmax:-58.27dBm RBW:10 kHz



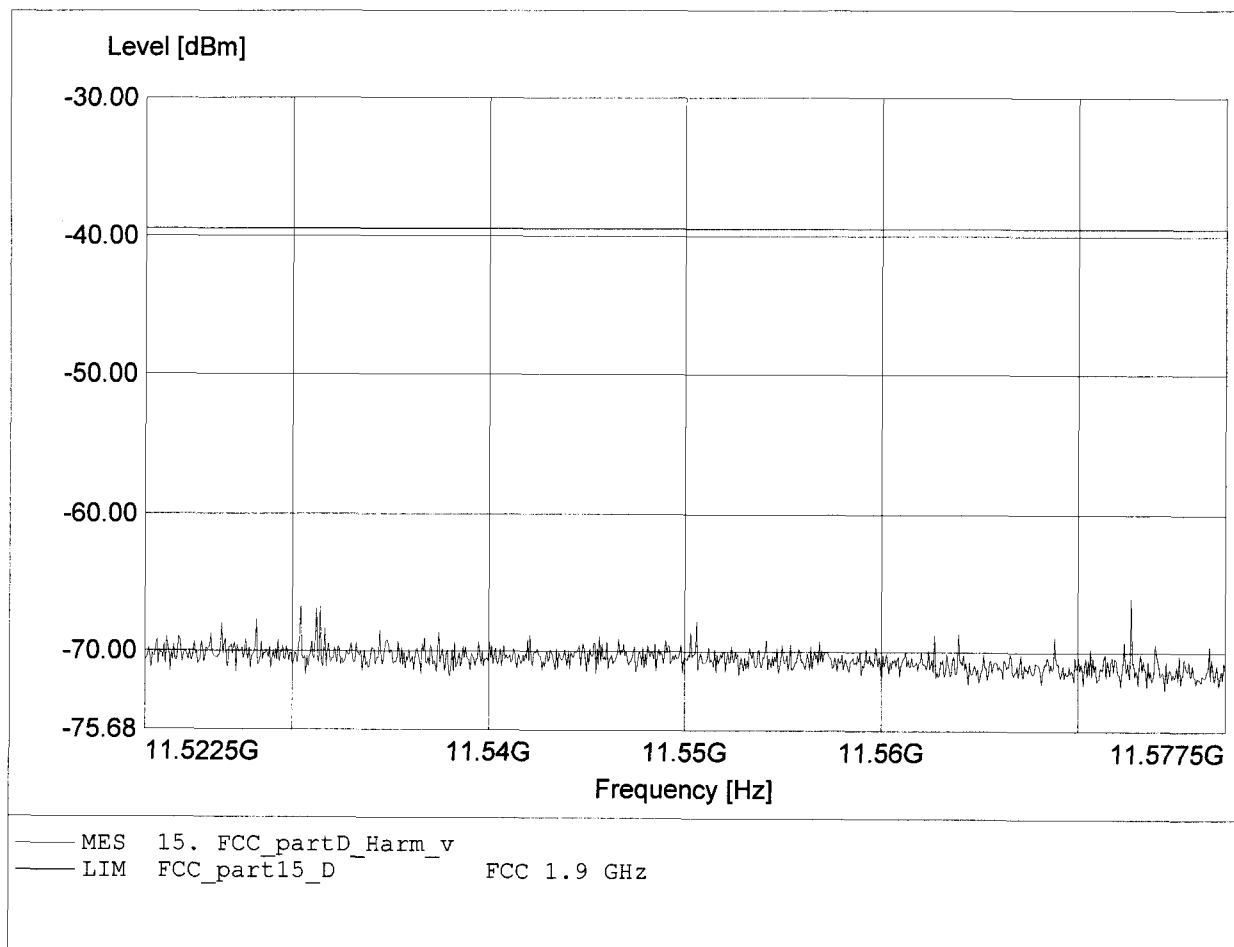
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.609GHz Pmax:-67.09dBm RBW:10 kHz



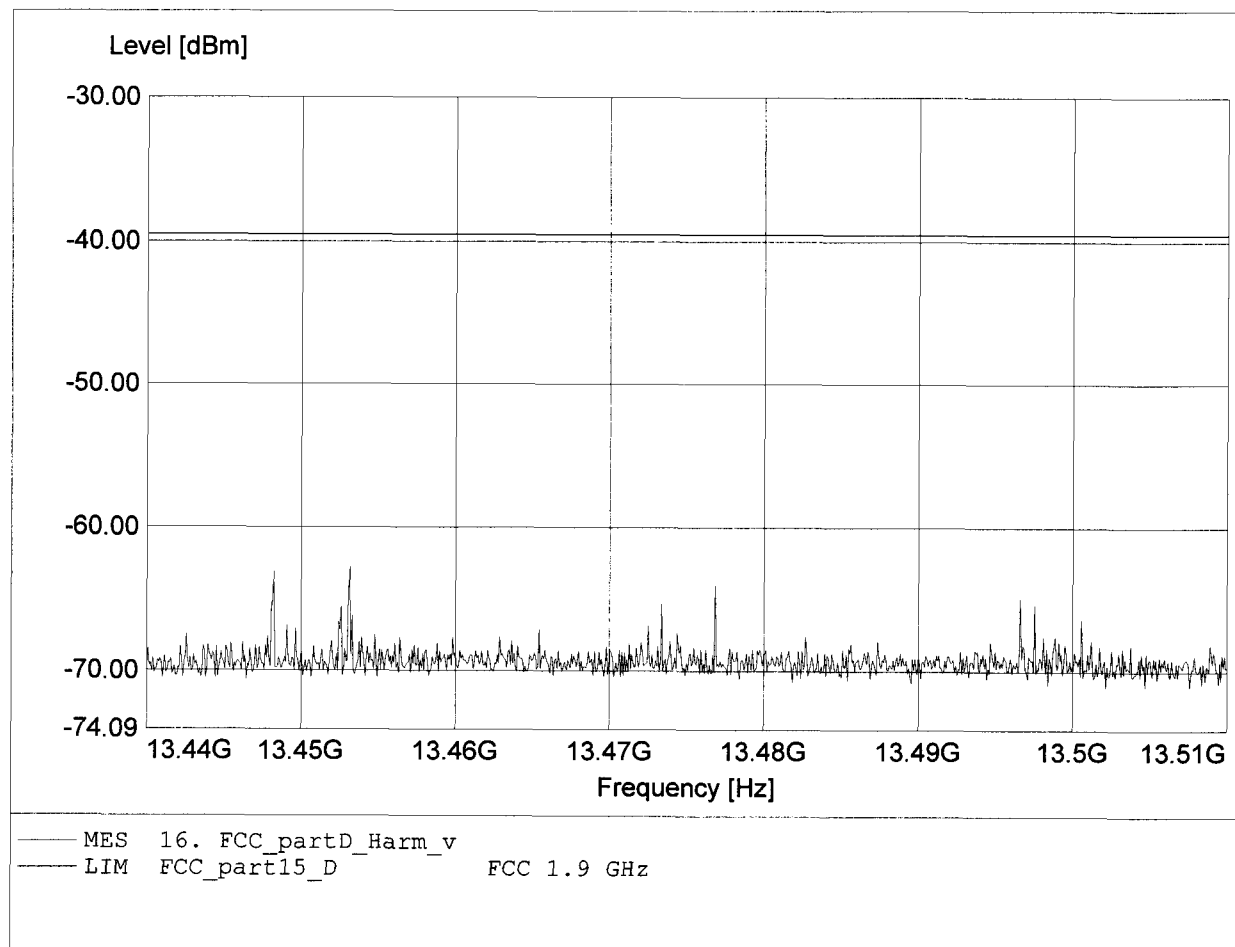
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.573GHz Pmax:-66.04dBm RBW:10 kHz



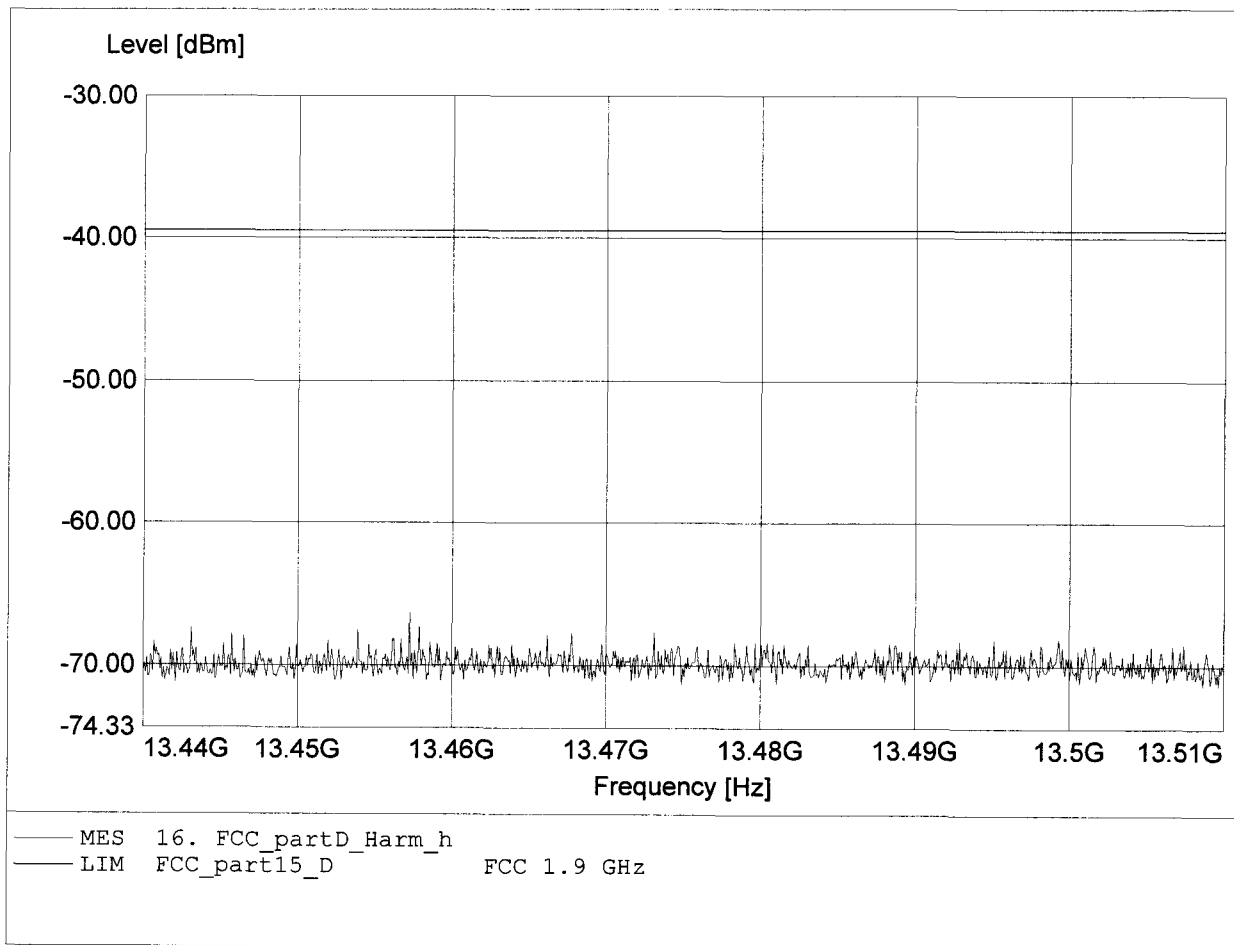
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:13.453GHz Pmax:-62.78dBm RBW:10 kHz



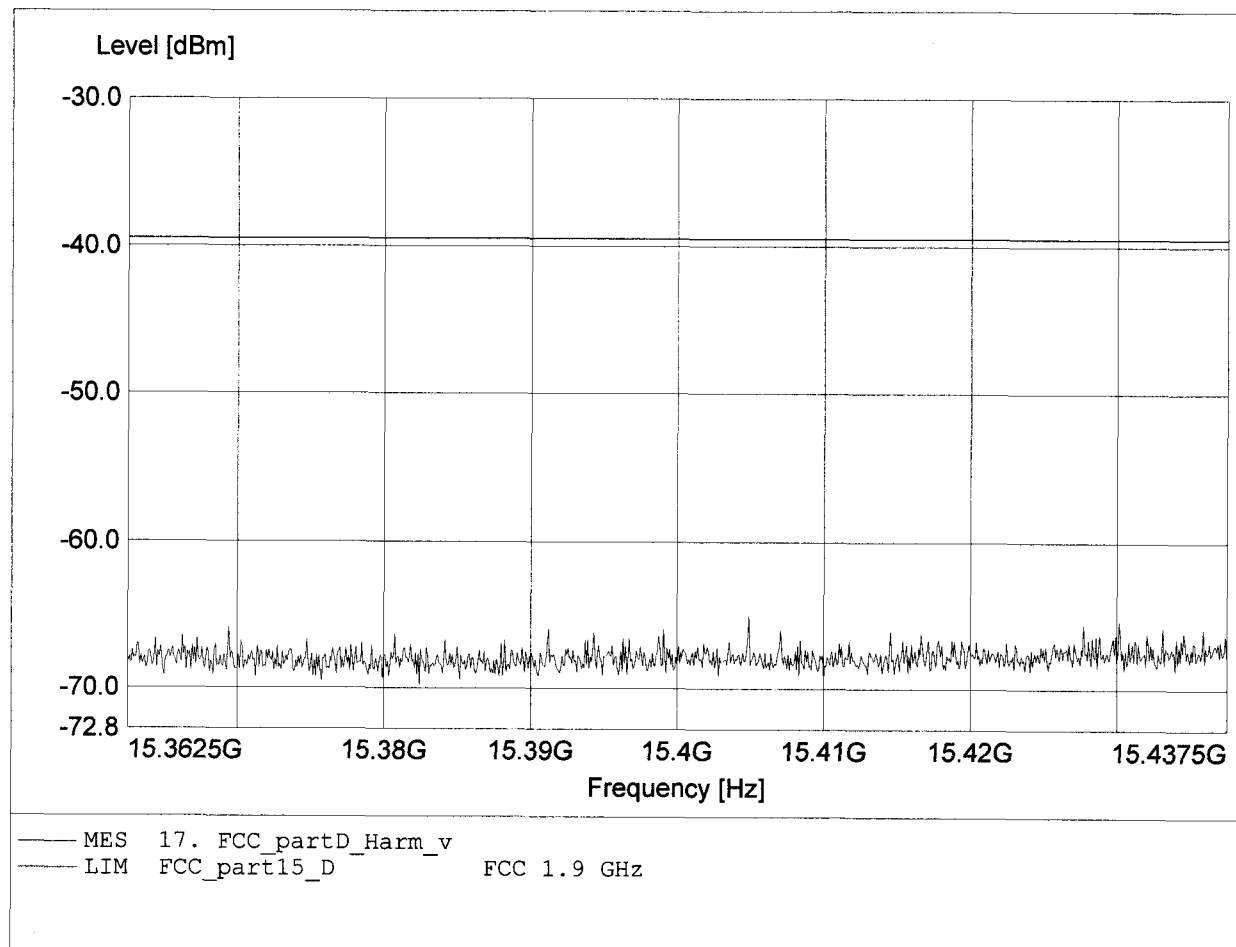
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
 EUT: Gateway RTX3080
 Model: RTX3080 / ant.: 2 / ch.: 0,2,4
 Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
 Test Site / Operator: ETS / Mr. Marquardt
 Test Specification: Fully anechoic chamber / mode: Tx
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:13.457GHz Pmax:-66.35dBm RBW:10 kHz



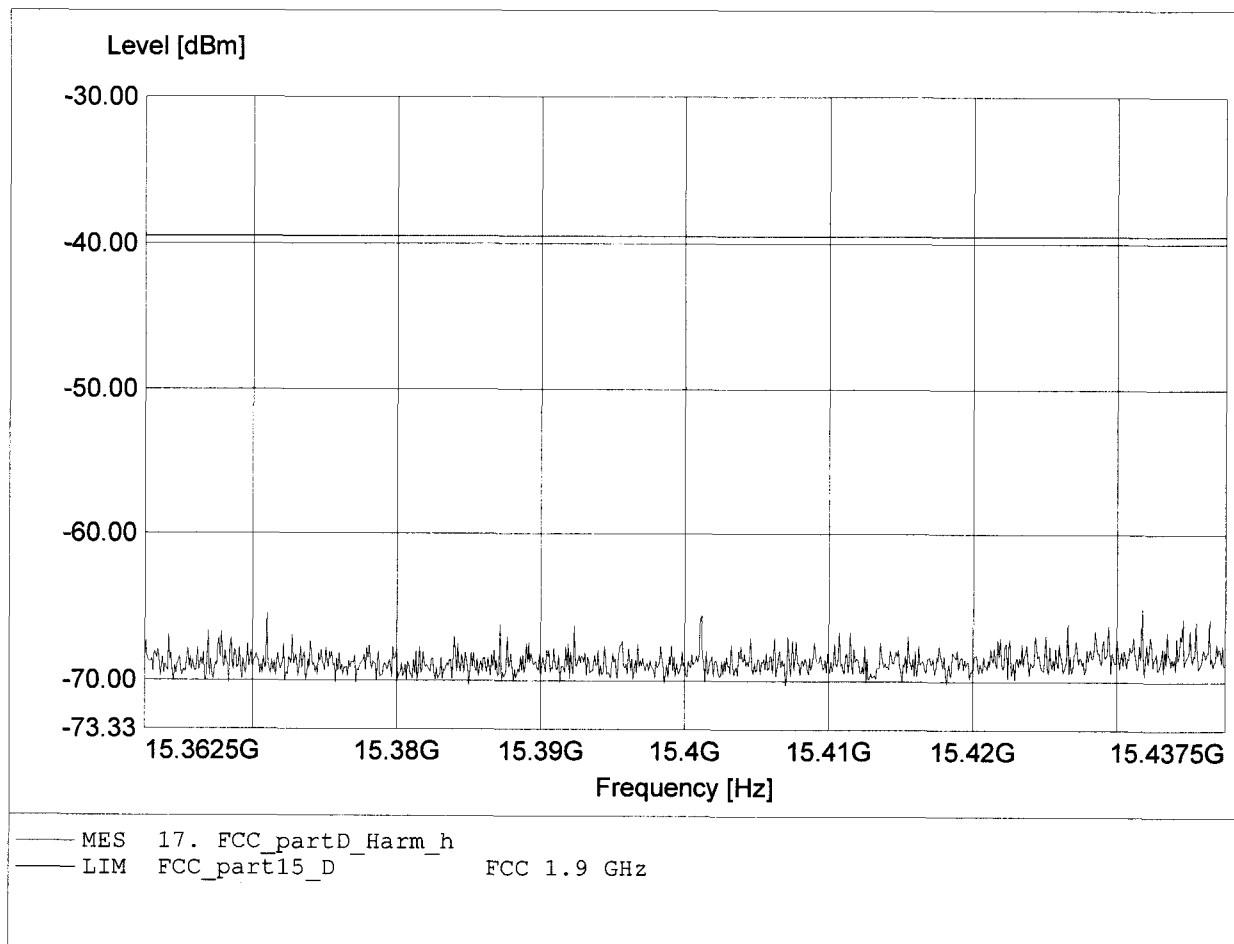
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:15.405GHz Pmax:-65.00dBm RBW:10 kHz



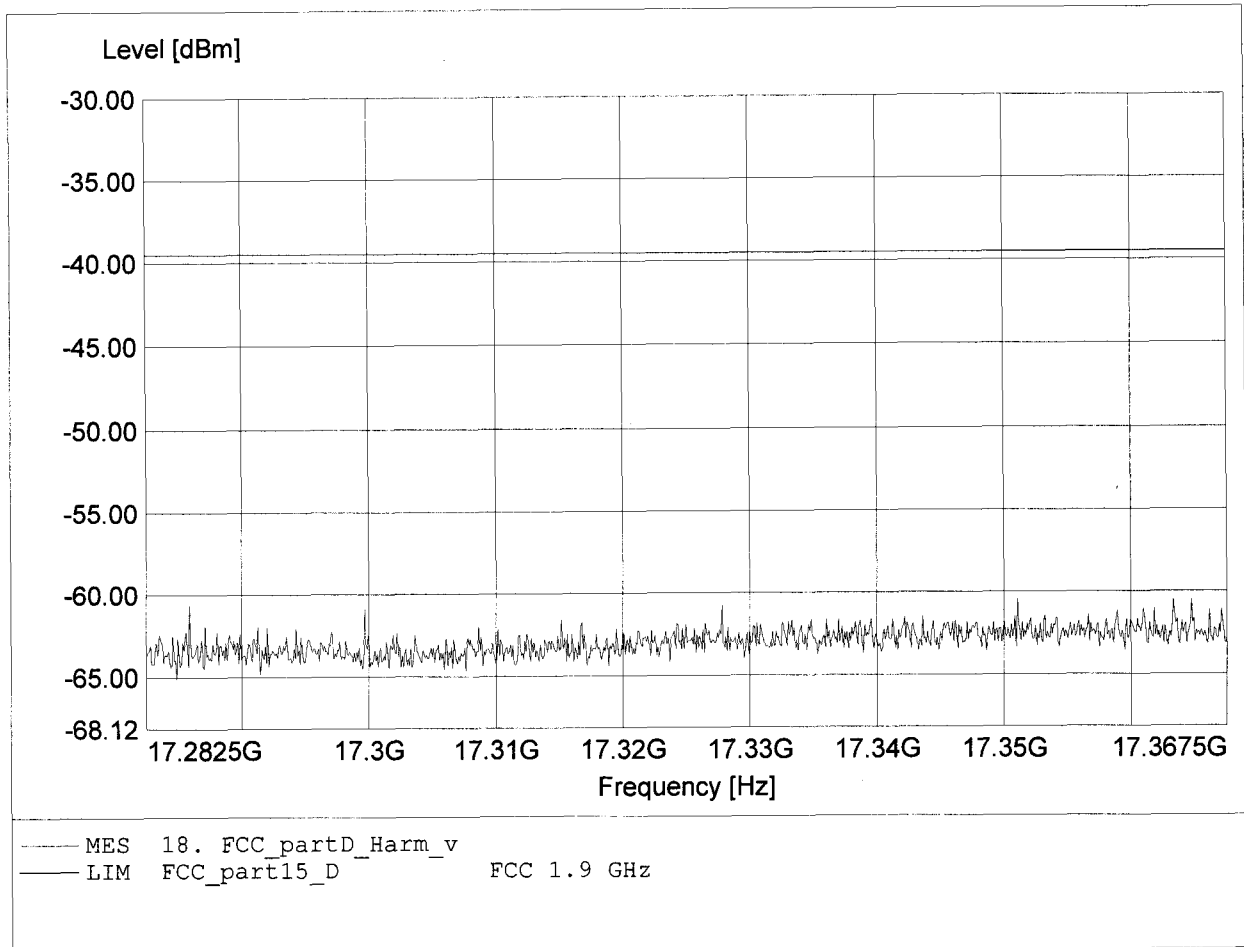
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:15.432GHz Pmax:-65.03dBm RBW:10 kHz



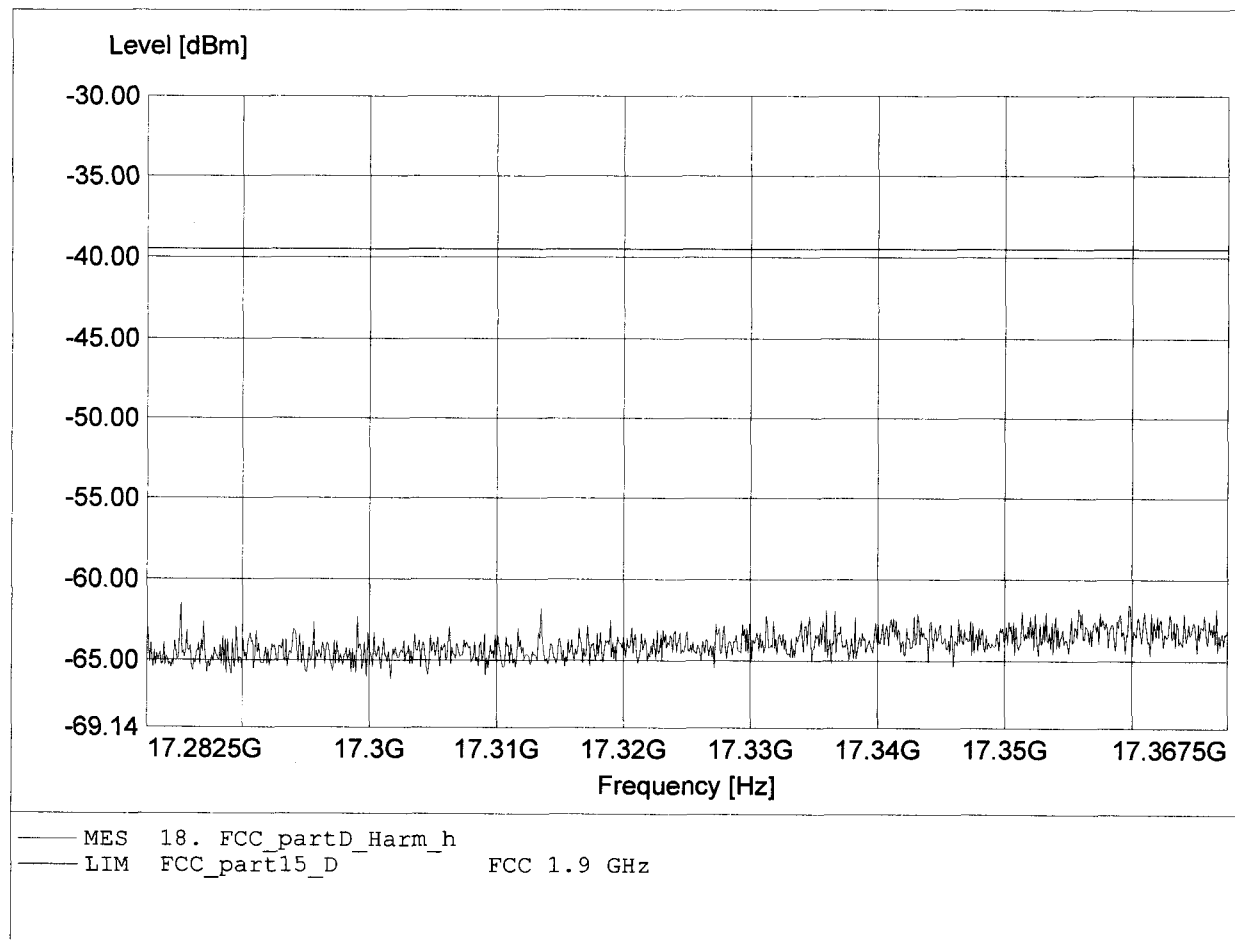
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:17.351GHz Pmax:-60.44dBm RBW:10 kHz



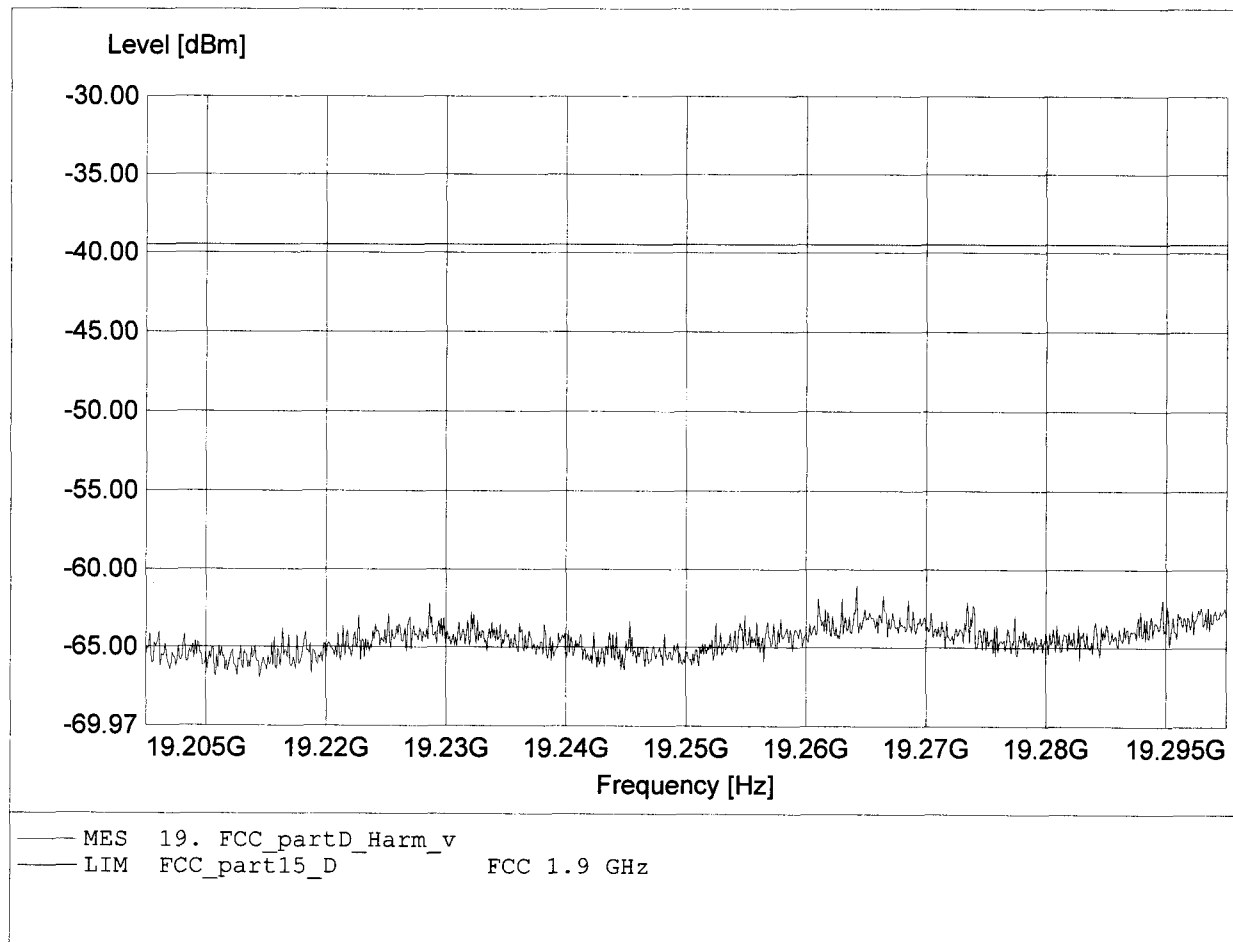
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:17.285GHz Pmax:-61.49dBm RBW:10 kHz



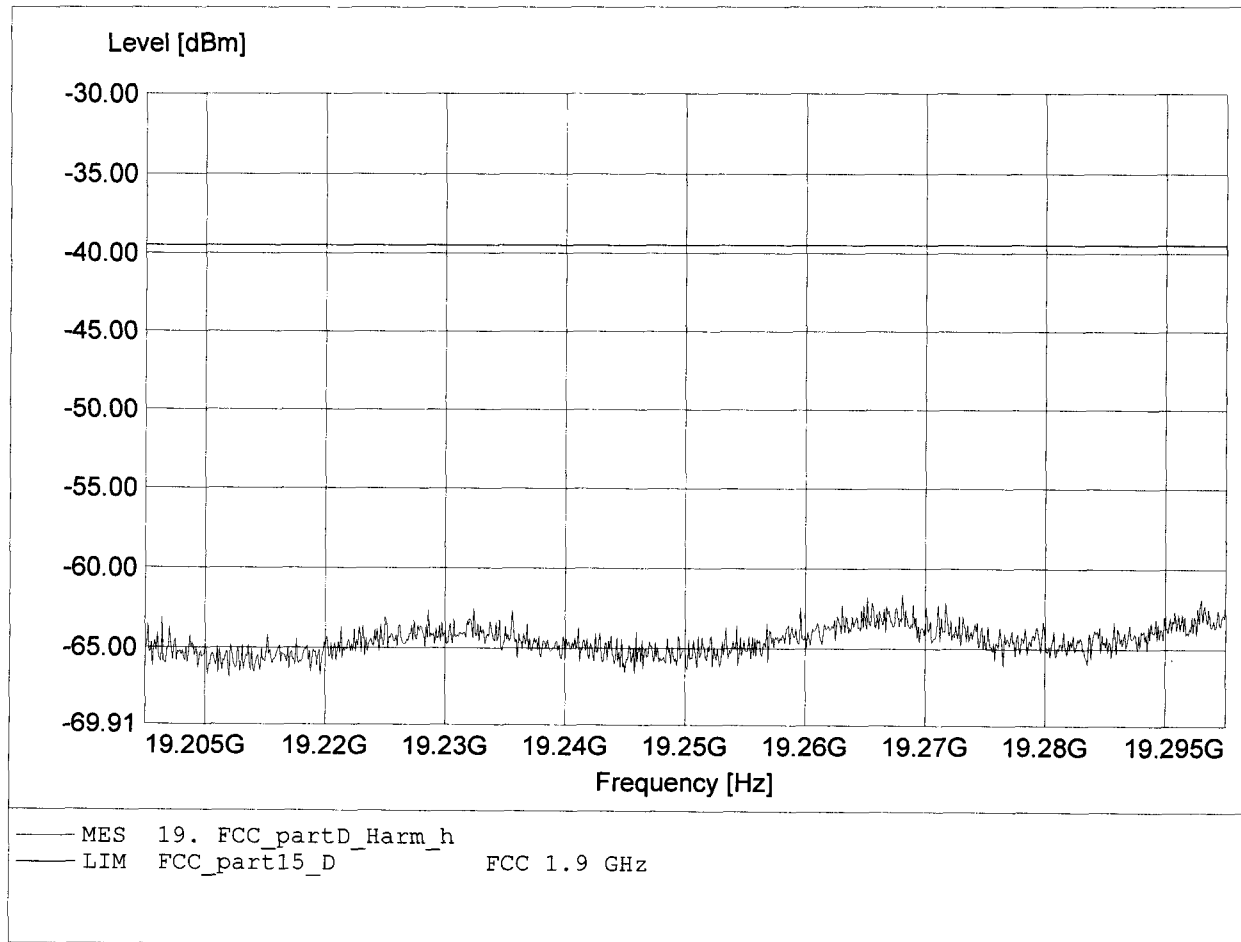
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:19.264GHz Pmax:-61.04dBm RBW:10 kHz



Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:19.268GHz Pmax:-61.58dBm RBW:10 kHz





Appendix T

Frame period

Frame Repetition Stability / Frame Period and Jitter

Tested according ANSI C63.17-1998 Secti

Measurement results Fixed Part

Test Performed	Criteria
Frame Period	10 ms
Frame repetition stability	10 ppm
Jitter	25 μ s

Frame Repetition Stability

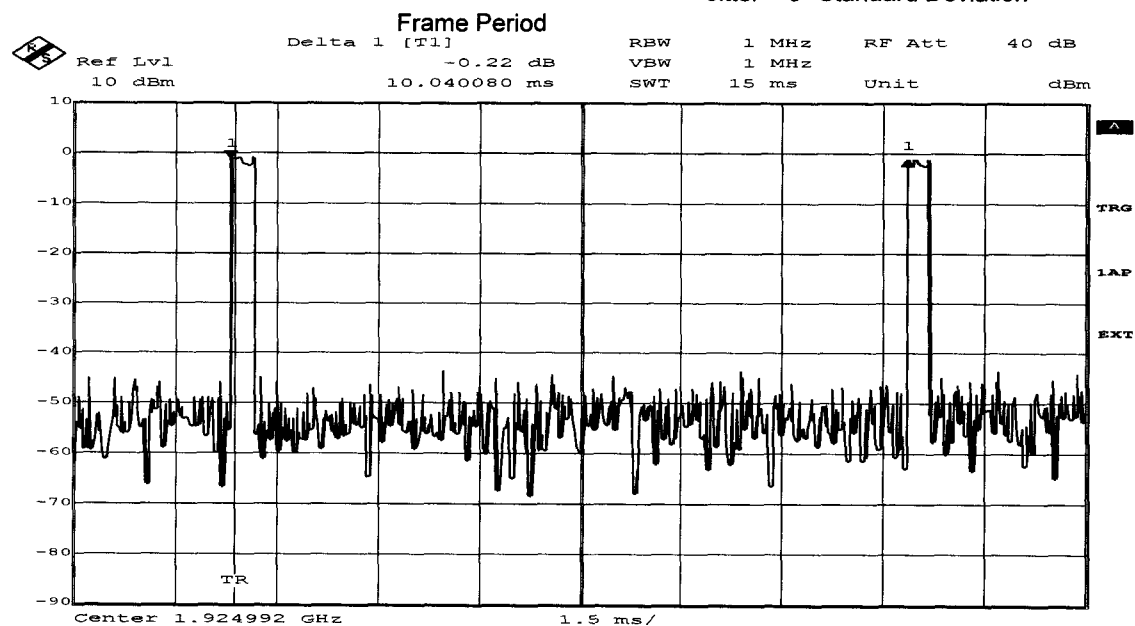
Frequency (MHz)	Standard Deviation (Hz)	Mean (Hz)	Frame Repetition Stability (ppm)
1924.992	2.35392E-05	99.99992405	0.706

$$\text{Frame Repetition Stability} = 3 * \text{Standard Deviation} / \text{Frame Rate} * 10E06$$

Jitter Measurement

Frequency (MHz)	Standard Deviation (μ s)	Mean (ms)	Jitter (μ s)
1924.992	0.157	10.00000759	0.471

$$\text{Jitter} = 3 * \text{Standard Deviation}$$



Title: Frame Periode DECT FP
 Date: 22.AUG.2005 21:21:32

Appendix U

Frequency stability

Frequency Stability § 15.323 (f)

Tested according ANSI C63.17-1998 Section 6.2.3 / 6.2.4

Measurement results Fixed Part

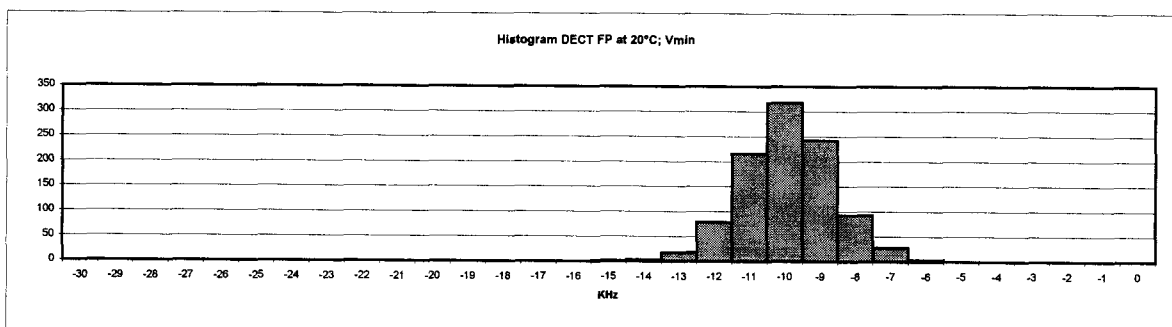
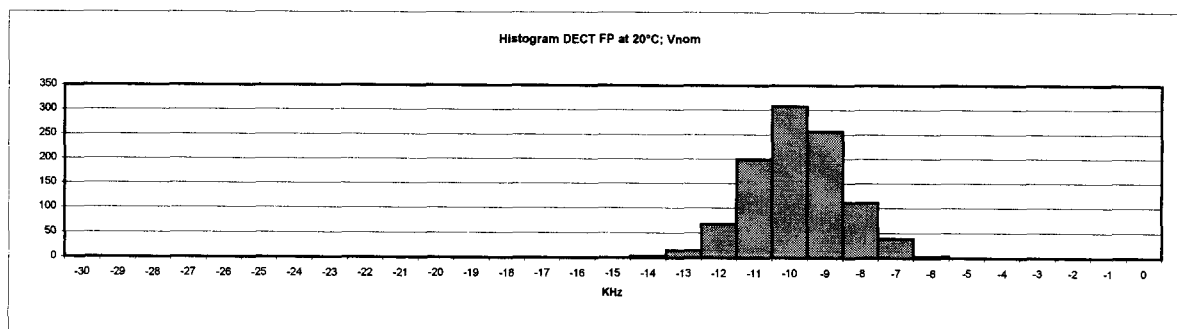
Temp °C	Supply Voltage	Frequency of carrier (MHz)	delta f(min) (KHz)	delta f(max) (KHz)	maximum delta f (ppm)	Mean (MHz)	Deviation ppm
20	Vnom	1924.992	-14.275	-6.826	-7.42	1924.981697	Reference
20	Vmin	1924.992	-15.615	-6.306	-4.00	1924.98158	0.06
20	Vmax	1924.992	-14.43	-7.006	-7.50	1924.981385	0.16
0	Vnom	1924.992	-13.343	-4.56	-6.93	1924.983145	-0.75
55	Vnom	1924.992	-18.657	-10.774	-9.69	1924.977148	2.36

Limit : 10 ppm

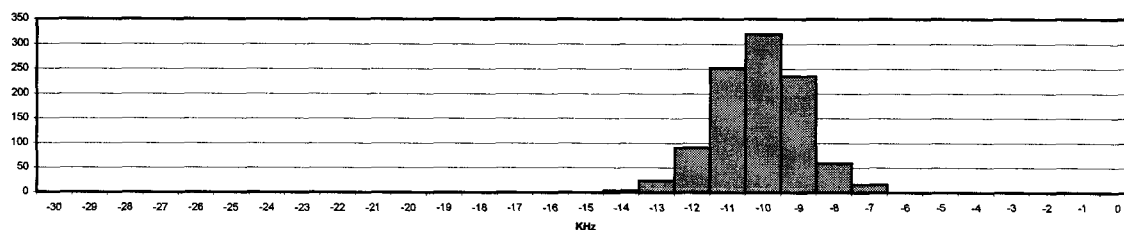
$$Deviation\ ppm = \frac{FR - FM}{FR} * 10^6$$

FR = Reference frequency of carrier at 20°C and Vnom

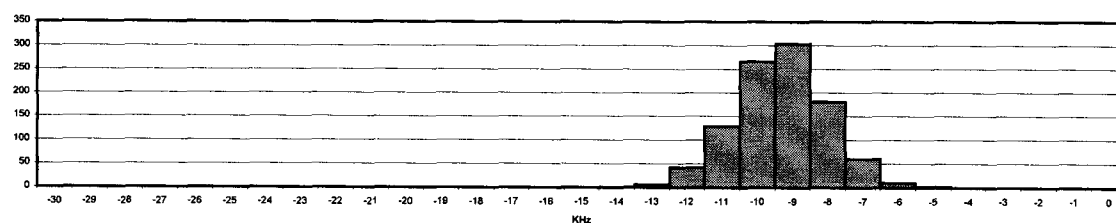
FM = Measured frequency of carrier



Histogram DECT FP at 20°C; Vmax



Histogram DECT FP at 0°C; Vnom



Histogram DECT FP at 55°C; Vnom

