



Appendix S

Emissions inside and outside the sub-band



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

Test procedure 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



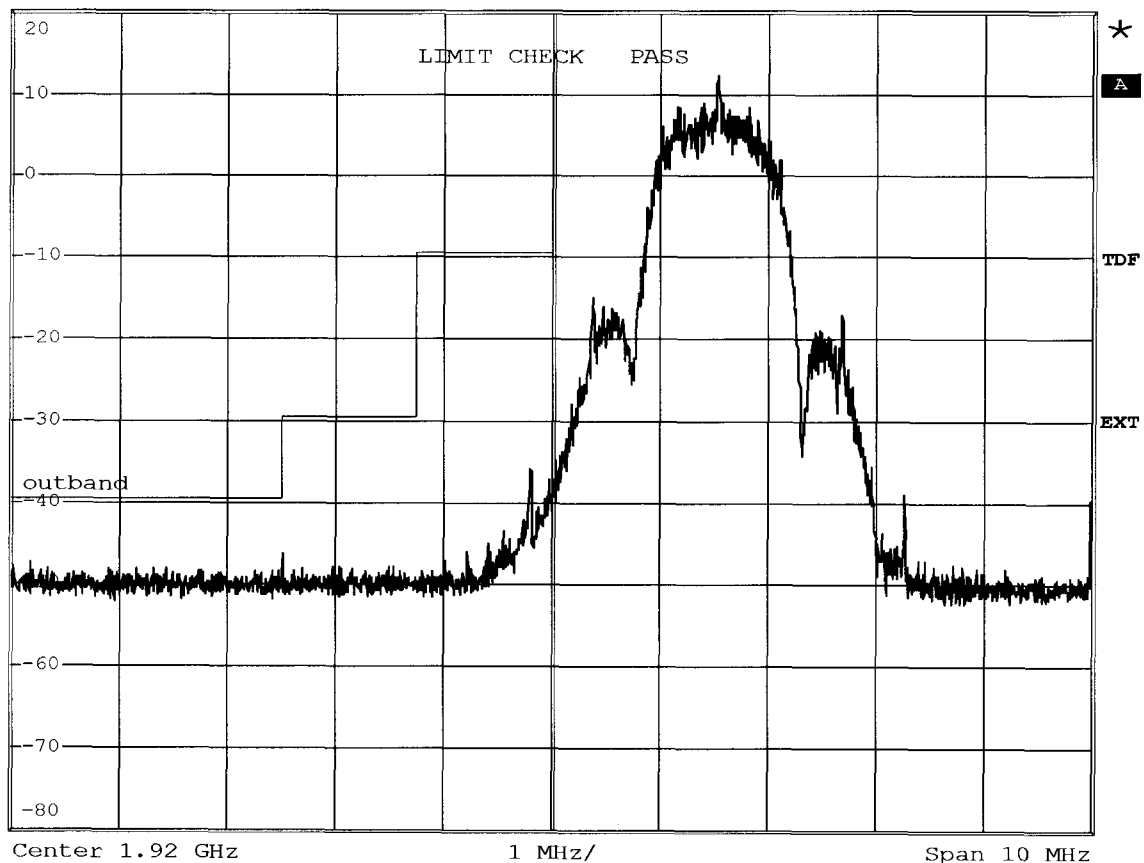
Out-of-band emission

*RBW 10 kHz
 *VBW 30 kHz
 *SWT 23 s

Ref 20 dBm

*Att 30 dB

1 PK
 MAXH



Comment: Ansi C63.17-1998 6.1.6.2
 Date: 25.AUG.2005 10:49:09

Measurement diagram



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

**Test procedure 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

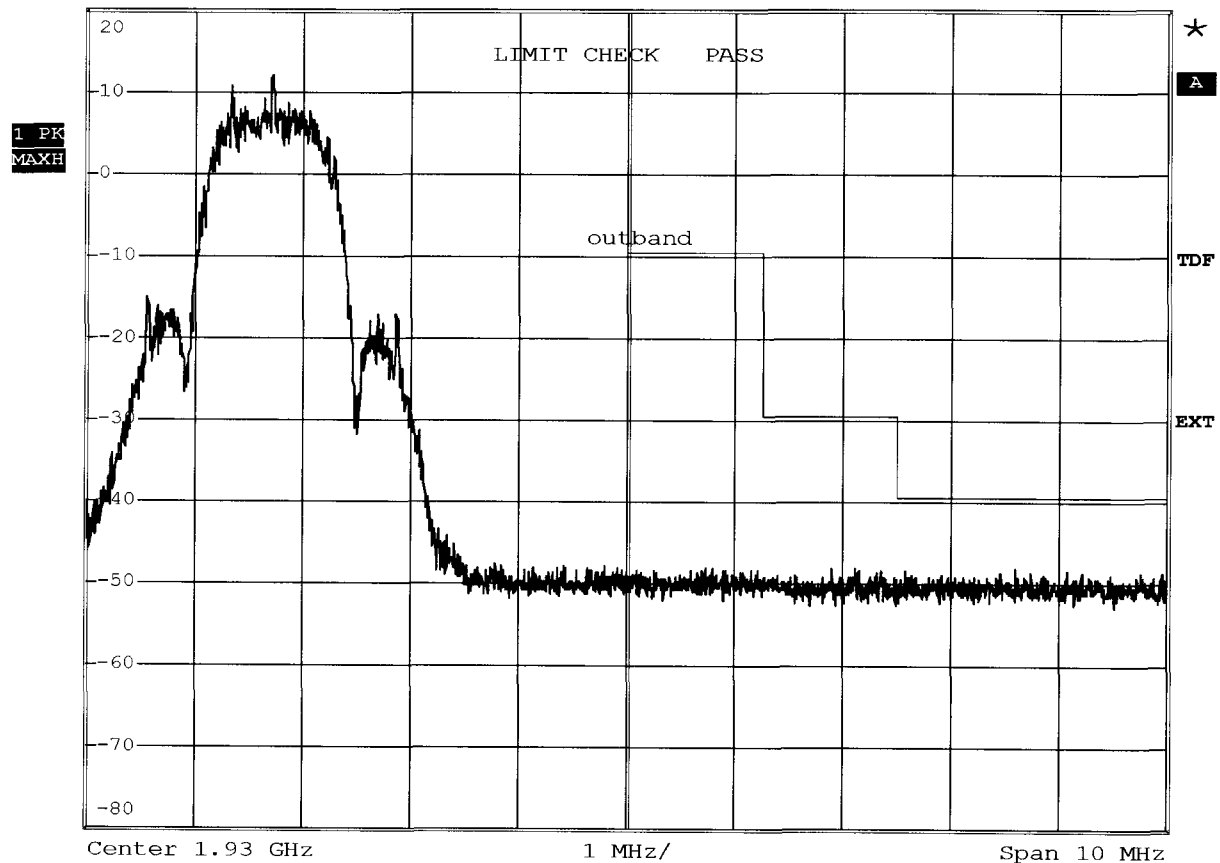
measurement on the highest carrier
Carrier=1928.448MHz



Out-of-band emission

*RBW 10 kHz
*VBW 30 kHz
*SWT 23 s

Ref 20 dBm *Att 30 dB



Comment: Ansi C63.17-1998 6.1.6.2
Date: 25.AUG.2005 10:50:10

Measurement diagram

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

Test procedure 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	1.448MHz



In-band unwanted emis

*RBW 10 kHz

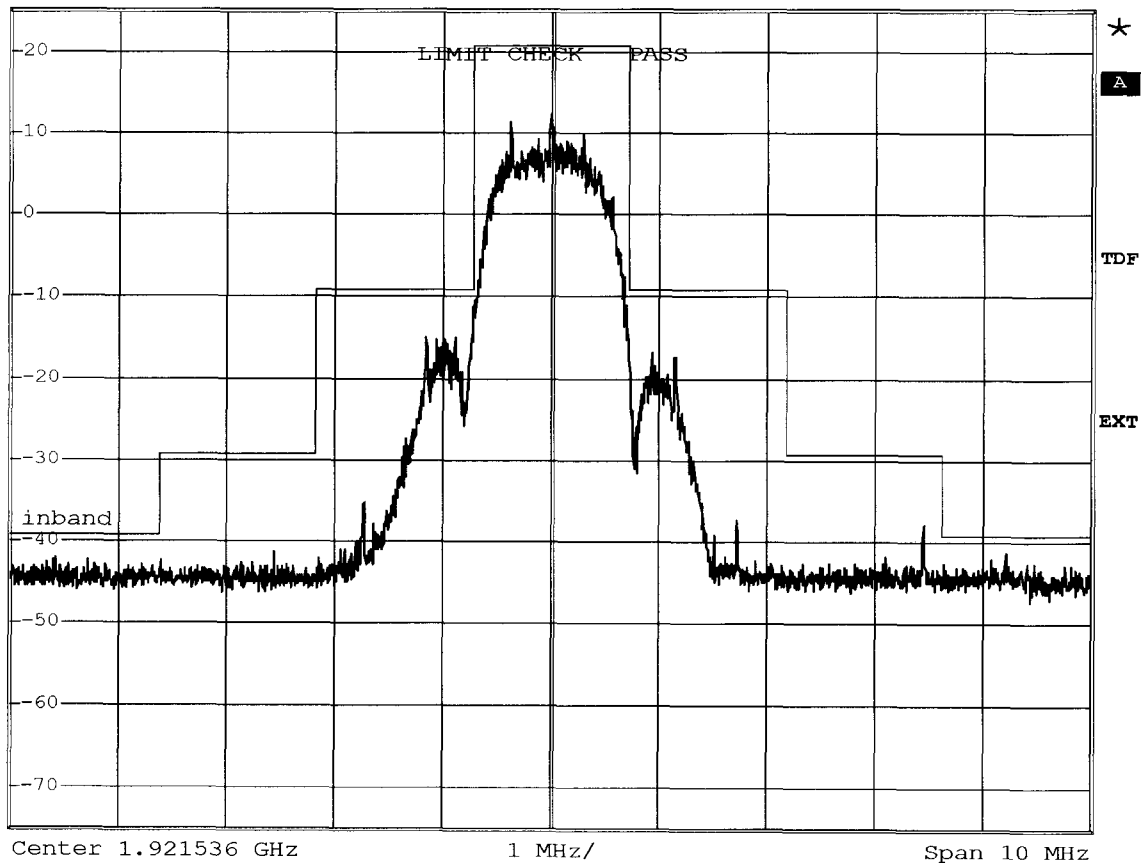
*VBW 30 kHz

Ref 25 dBm

*Att 40 dB

*SWT 23 s

1 PK
MAXH



Comment: Ansi C63.17-1998 6.1.6.1
Date: 25.AUG.2005 10:46:13

Measurement diagram



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

**Test procedure 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	1.448MHz



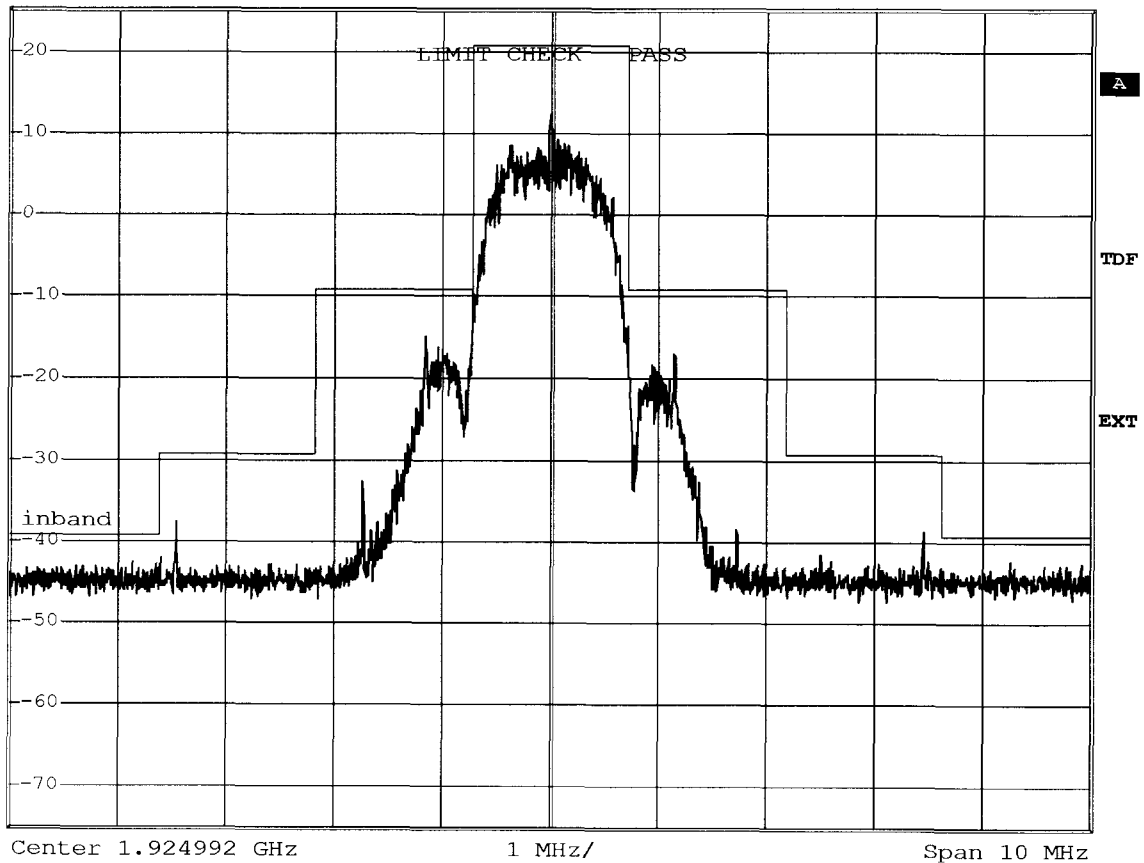
In-band unwanted emis

*RBW 10 kHz
*VBW 30 kHz
*SWT 23 s

Ref 25 dBm

*Att 40 dB

1 PK
MAXH



Comment: Ansi C63.17-1998 6.1.6.1
Date: 25.AUG.2005 10:45:09

Measurement diagram

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

Test procedure 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	1.448MHz



In-band unwanted emis

*RBW 10 kHz

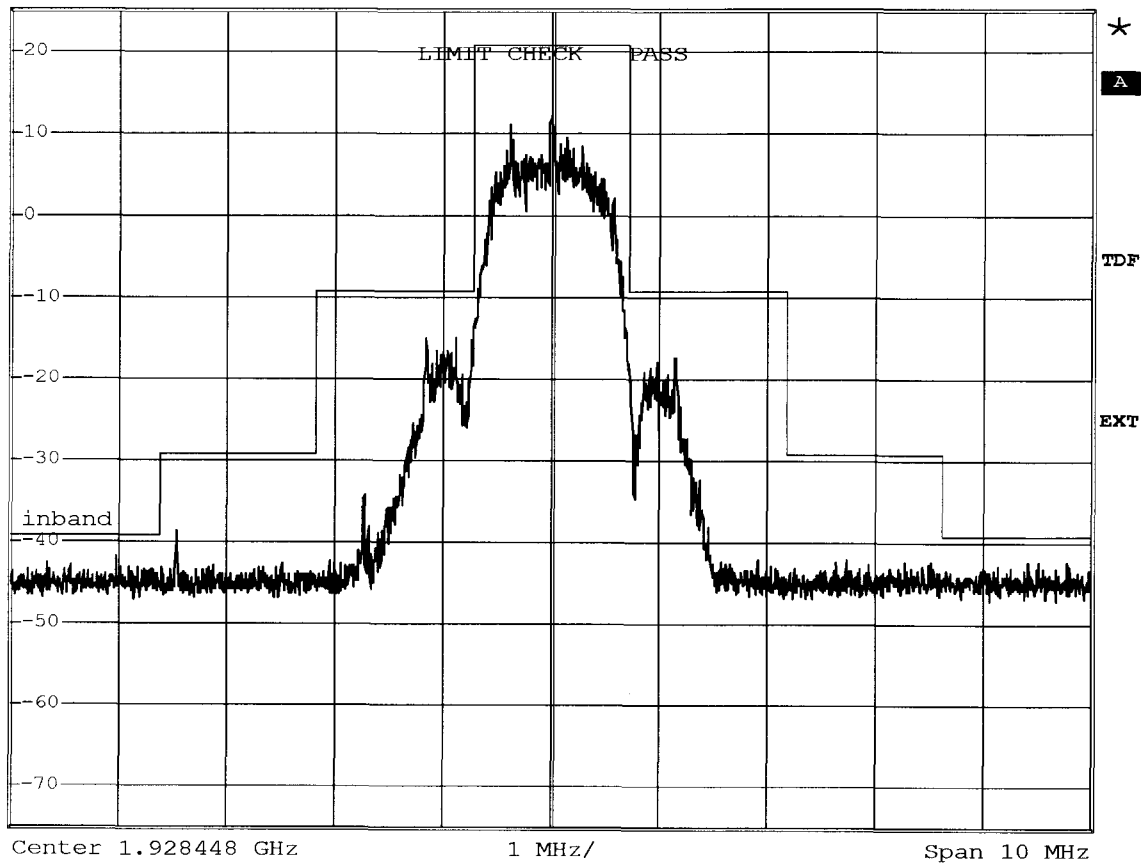
*VBW 30 kHz

Ref 25 dBm

*Att 40 dB

*SWT 23 s

1 PK
 MAXH

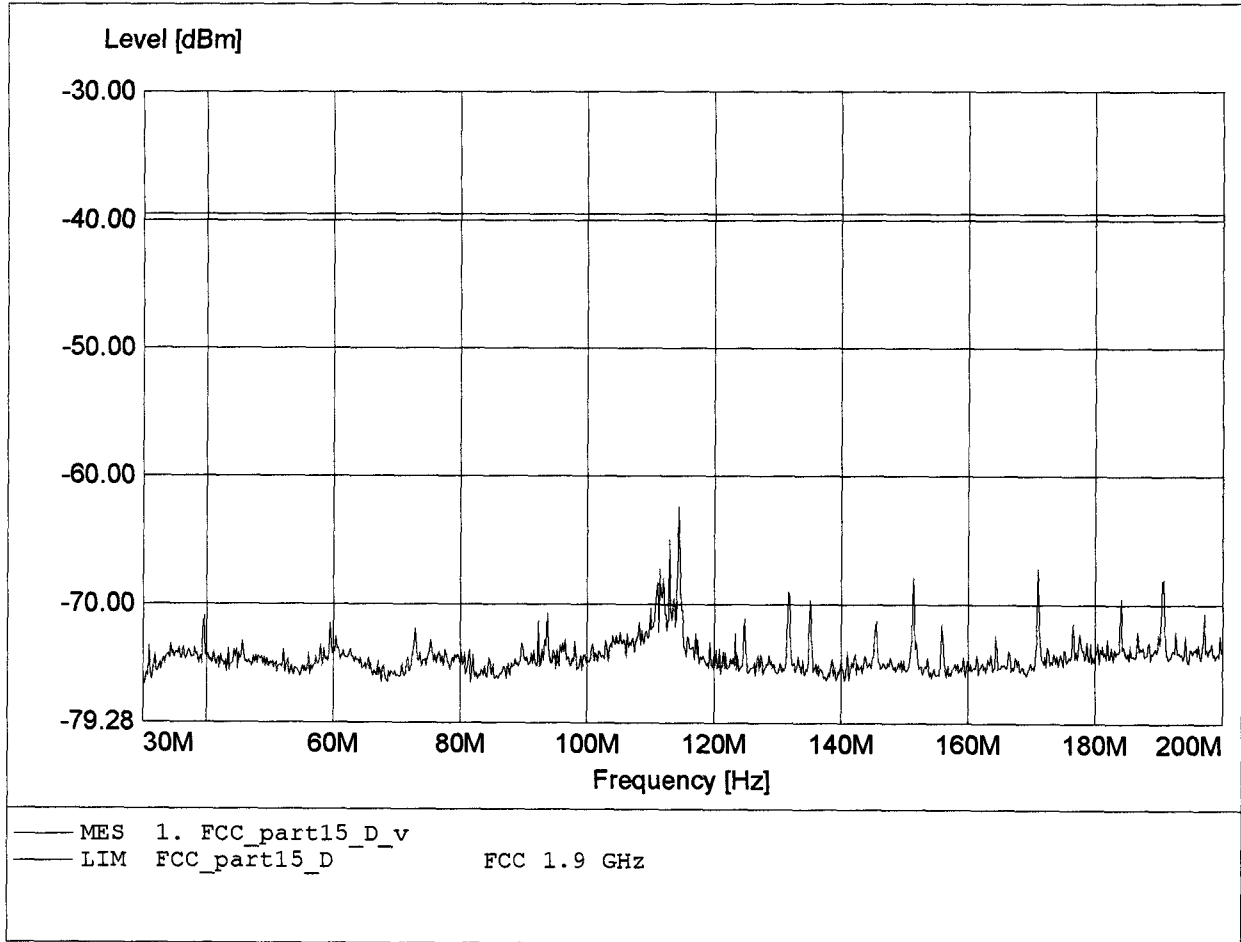


Comment: Ansi C63.17-1998 6.1.6.1
 Date: 25.AUG.2005 10:42:51

Measurement diagram

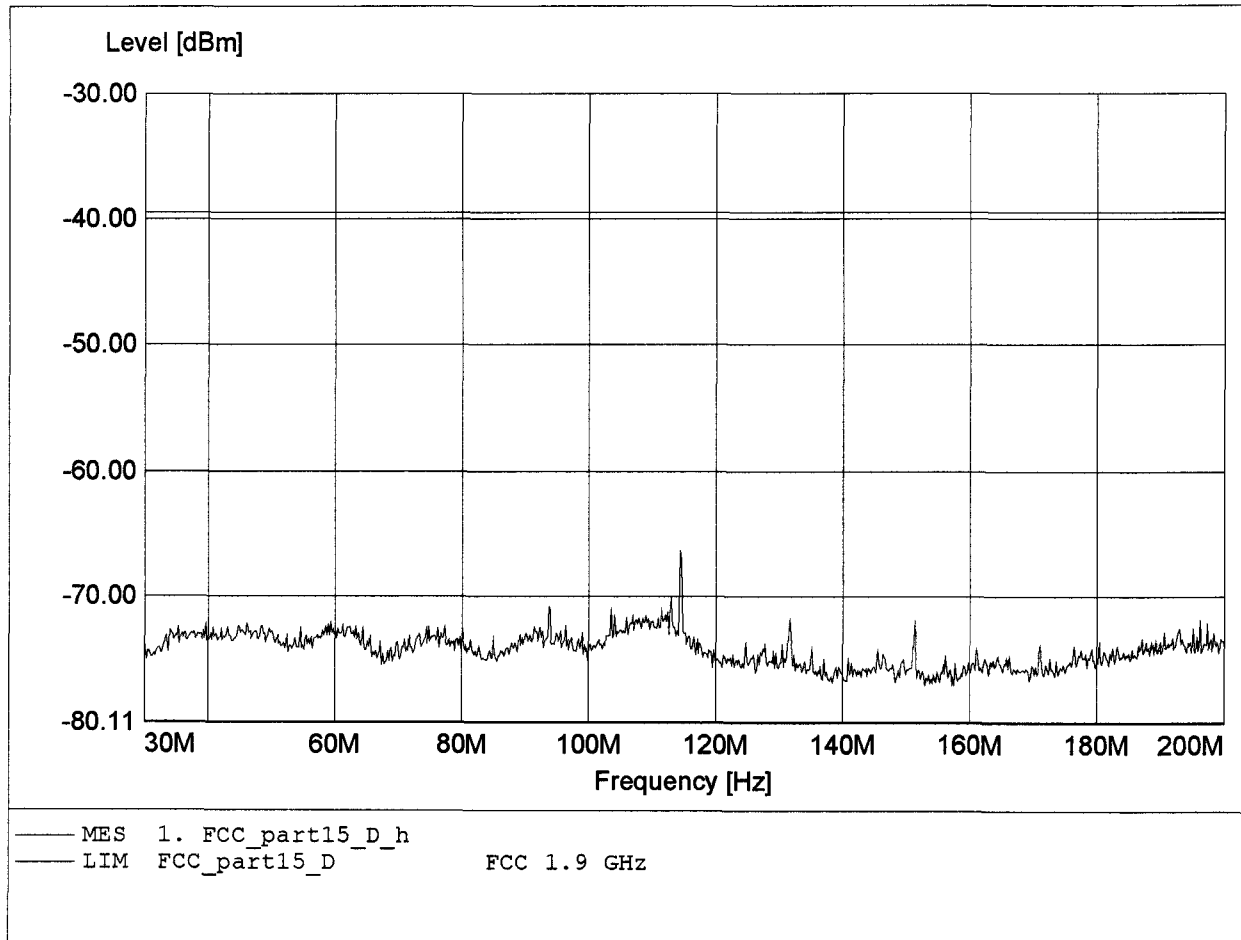
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



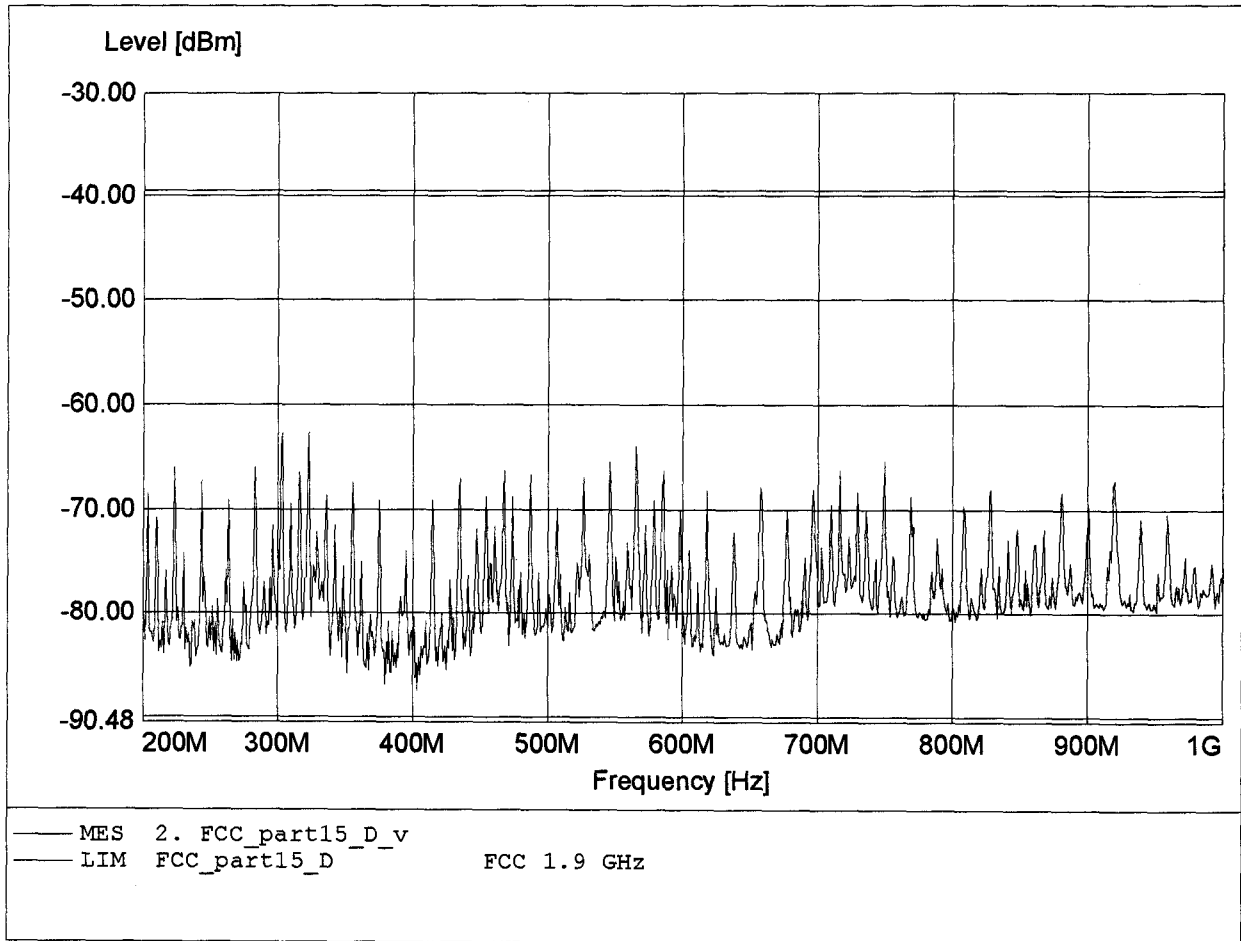
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



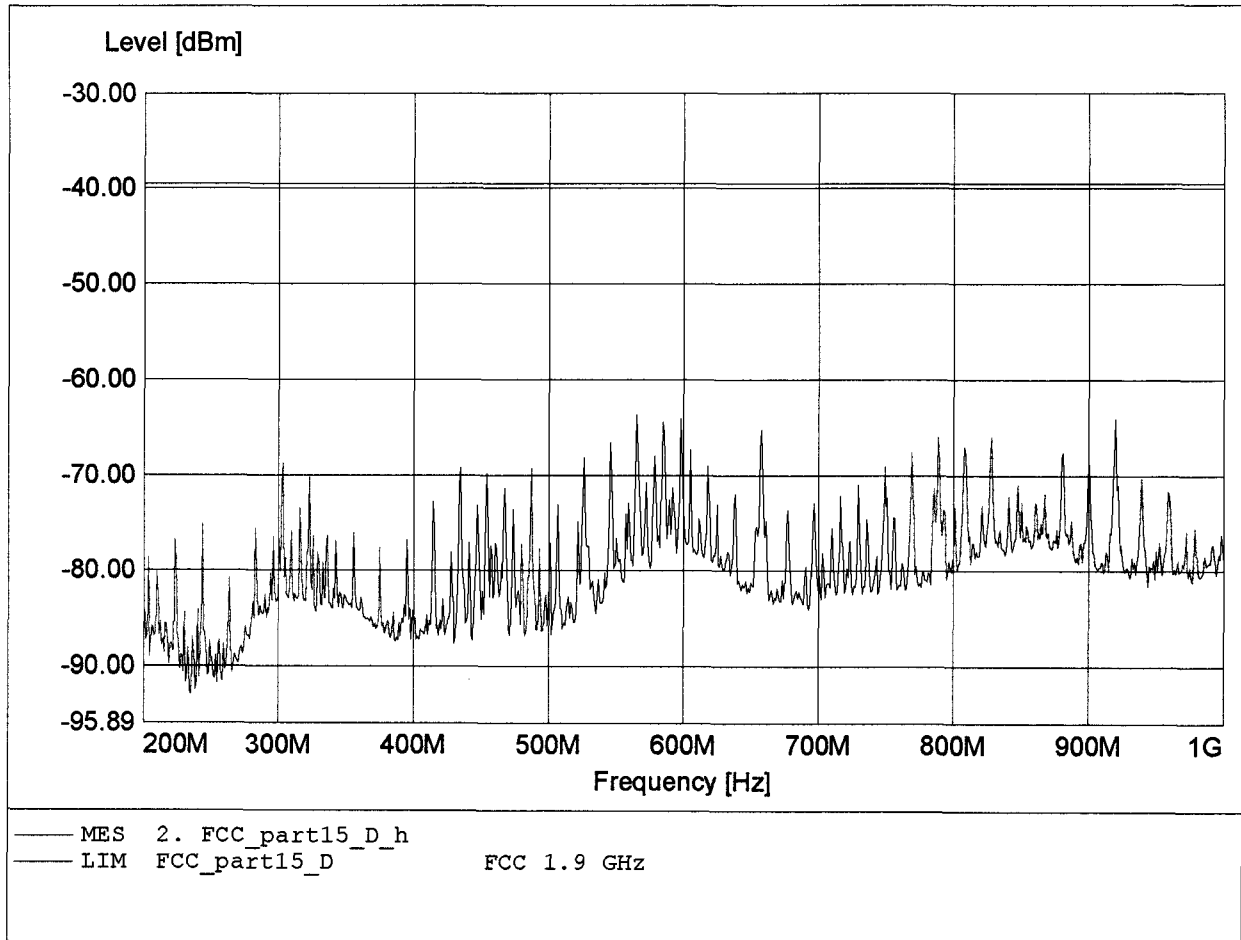
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



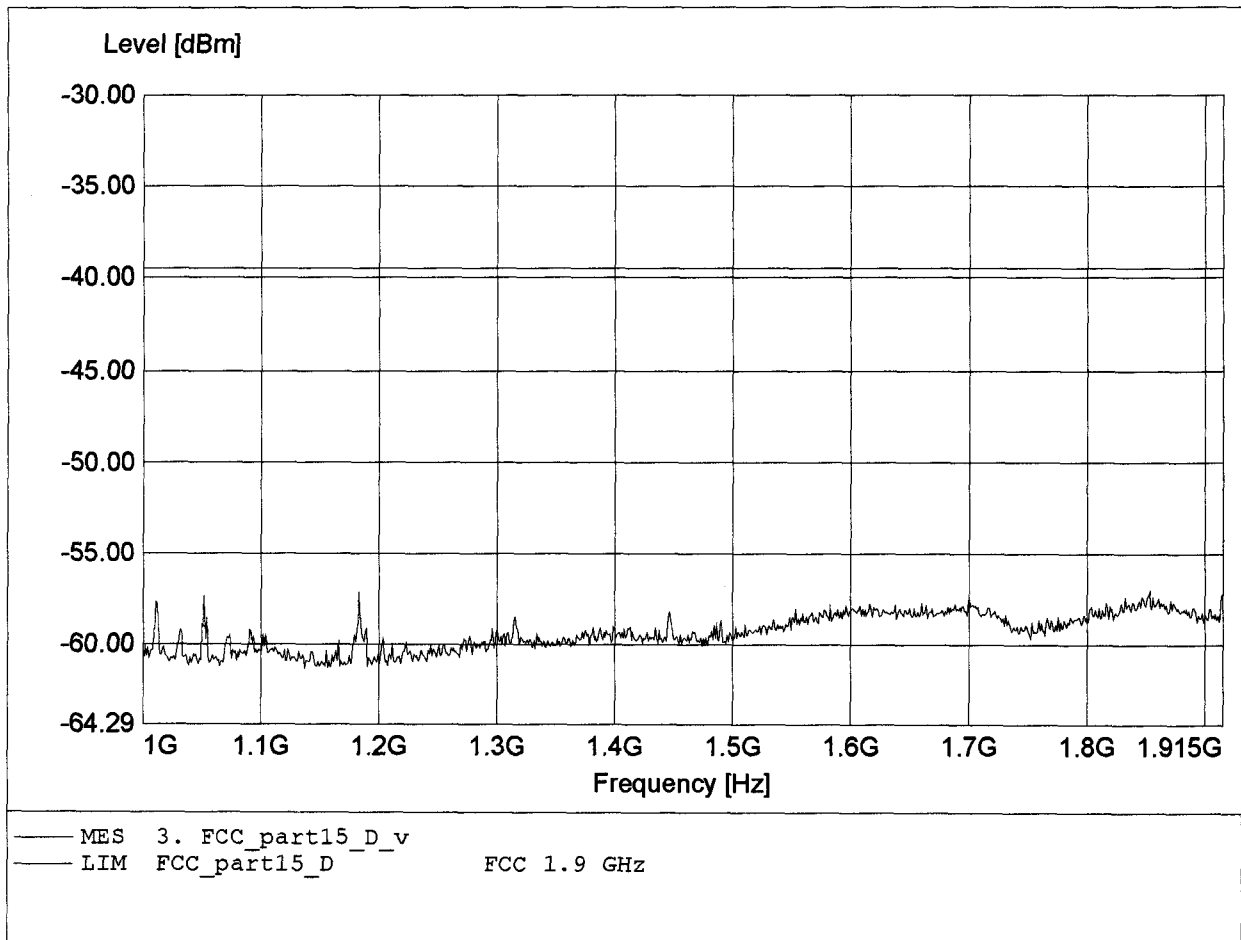
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



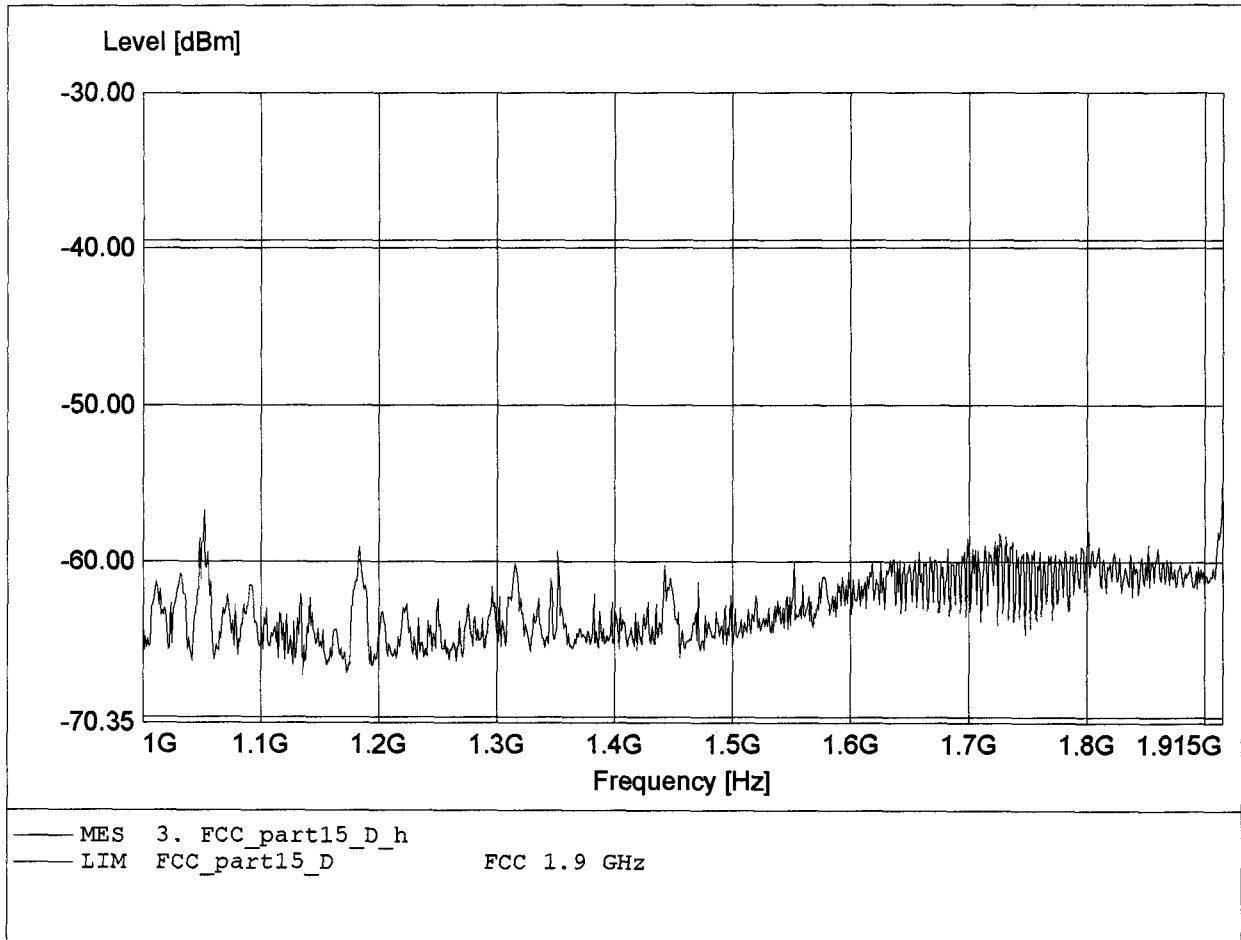
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



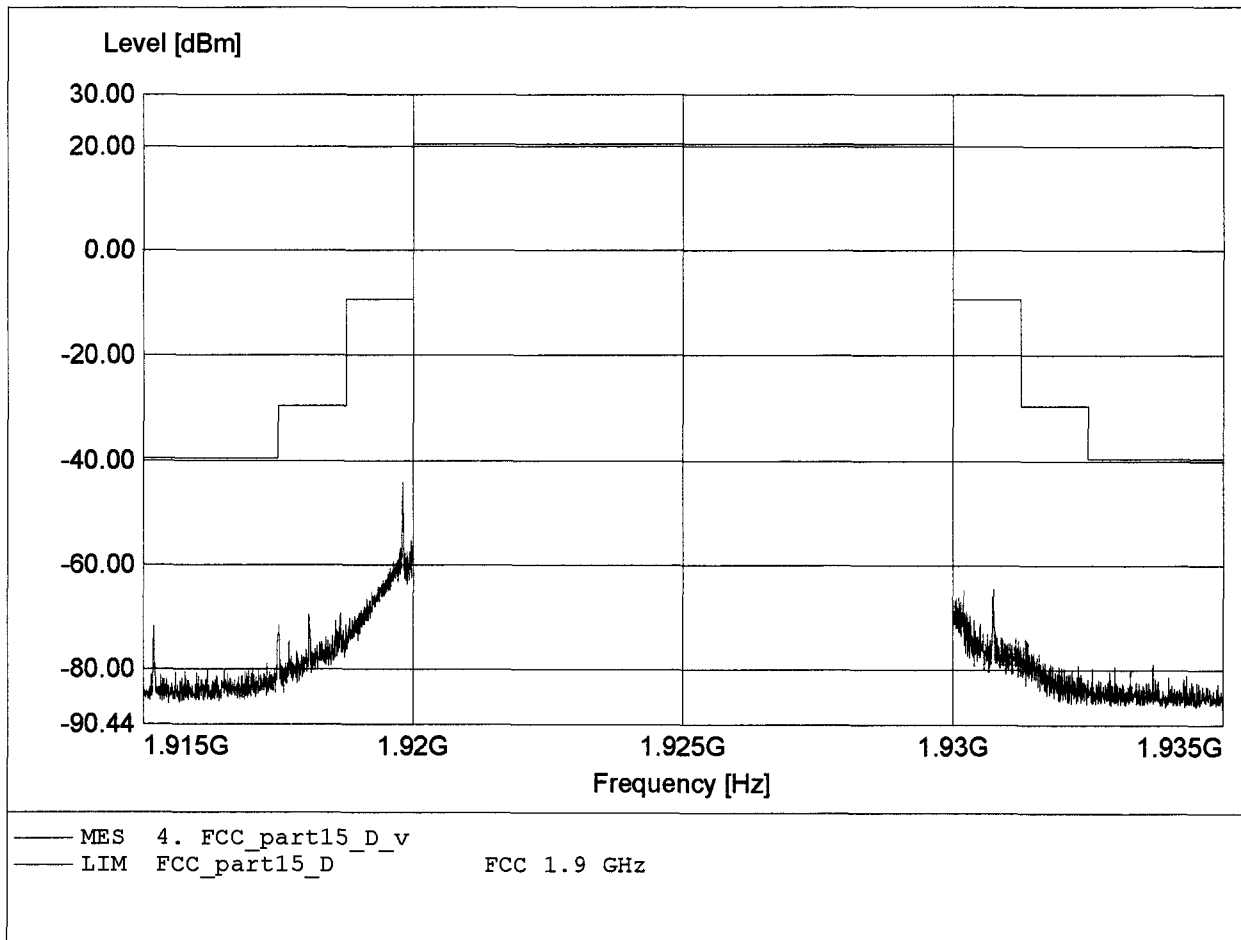
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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 Emax:-54.62dBm RBW: 1 MHz



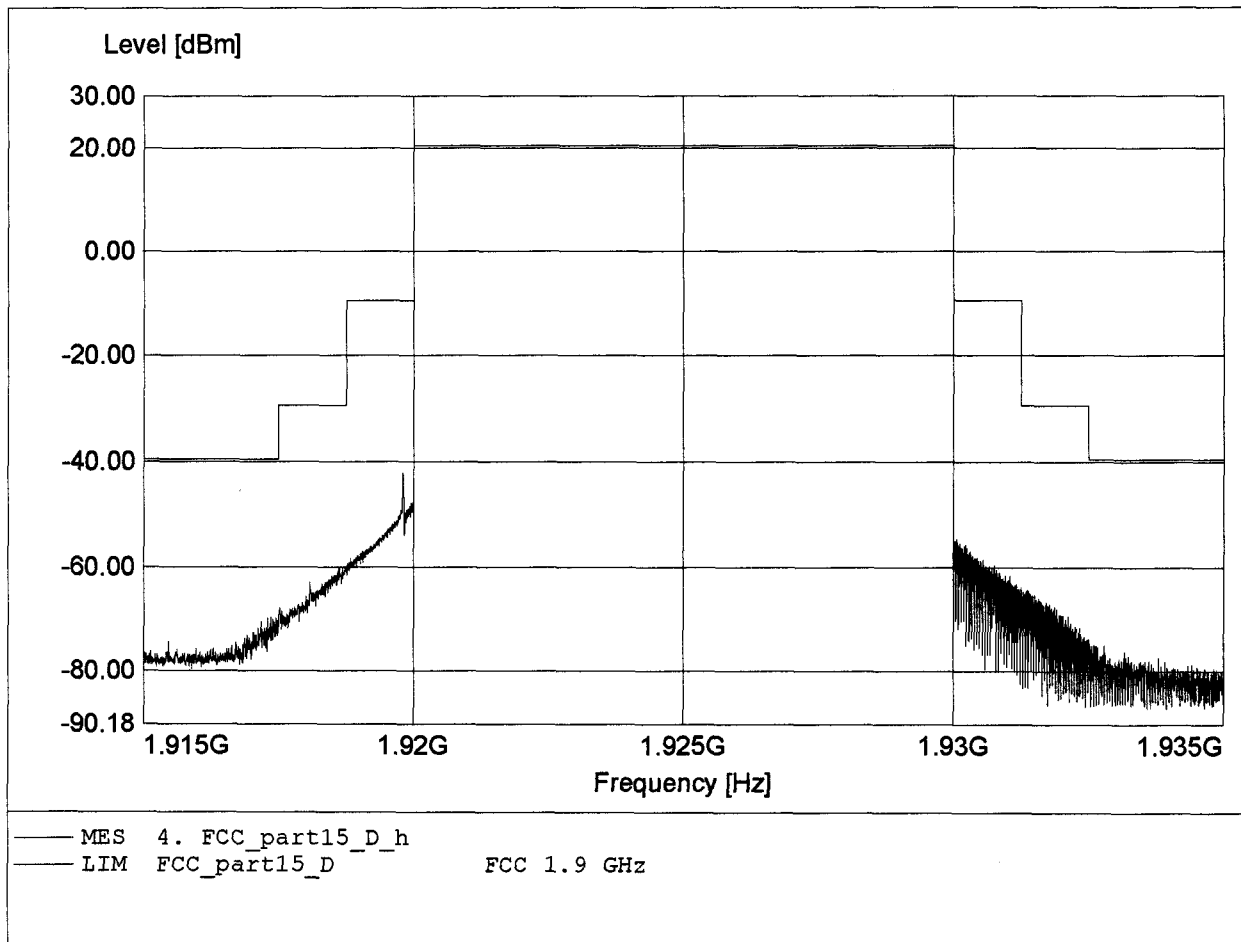
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



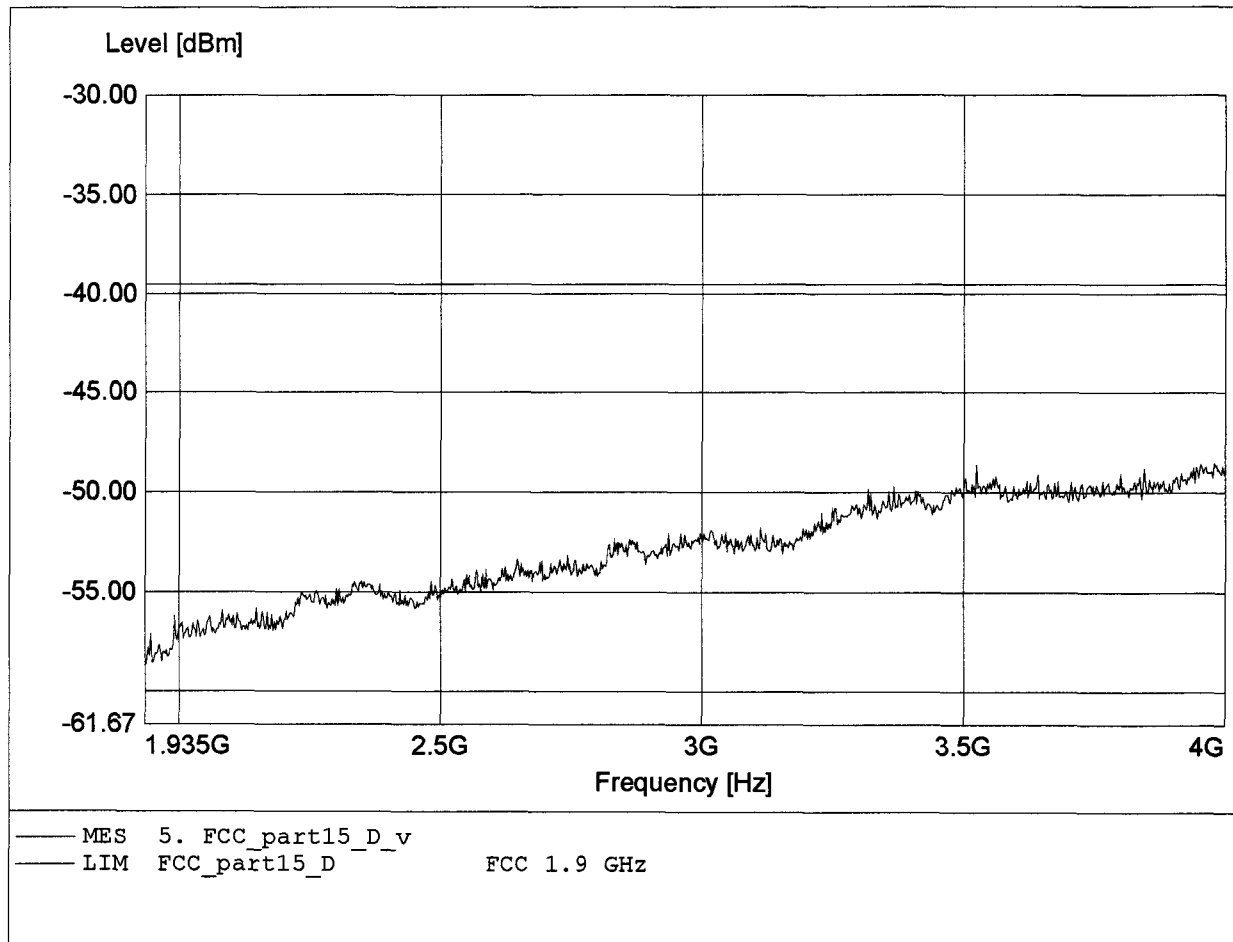
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



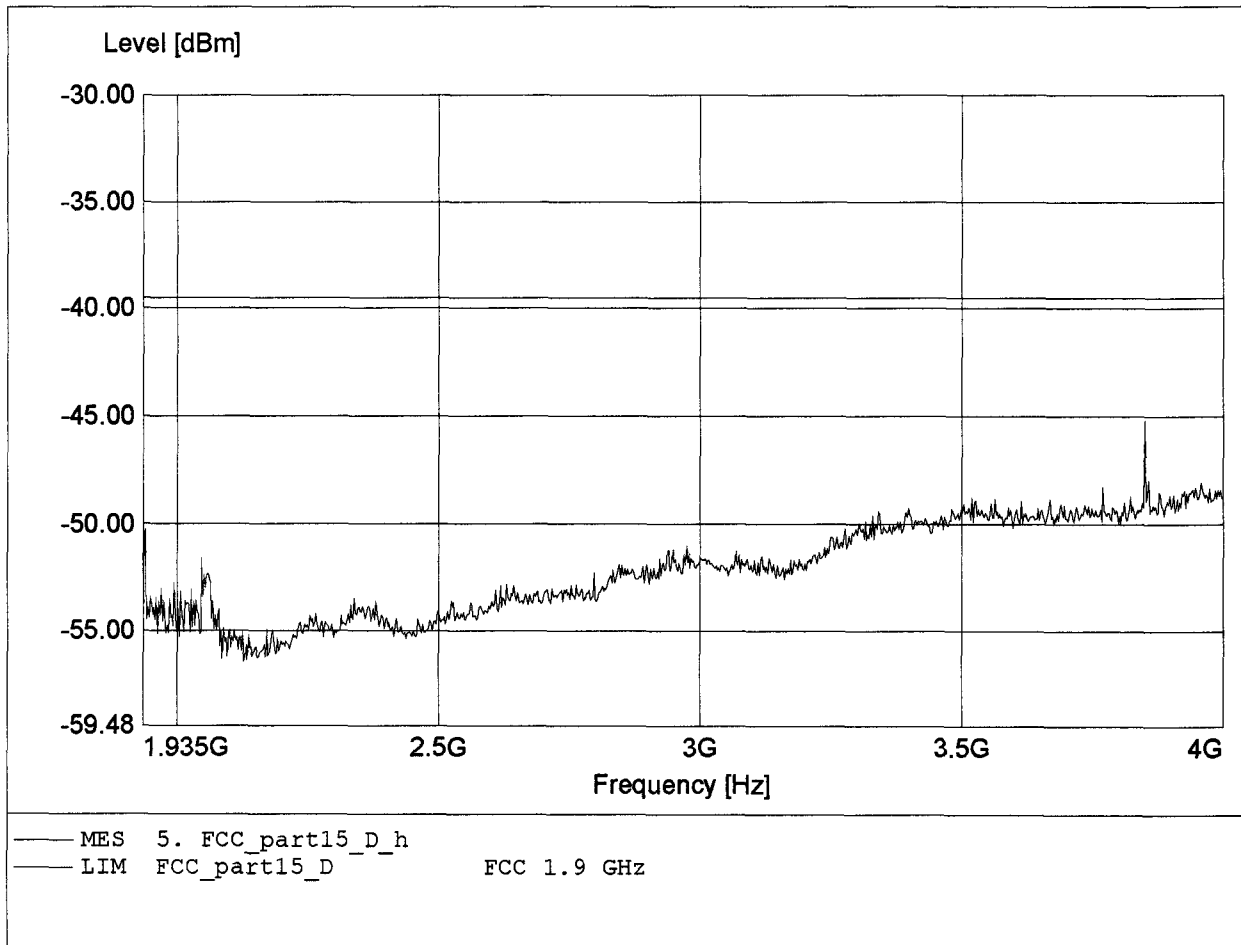
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



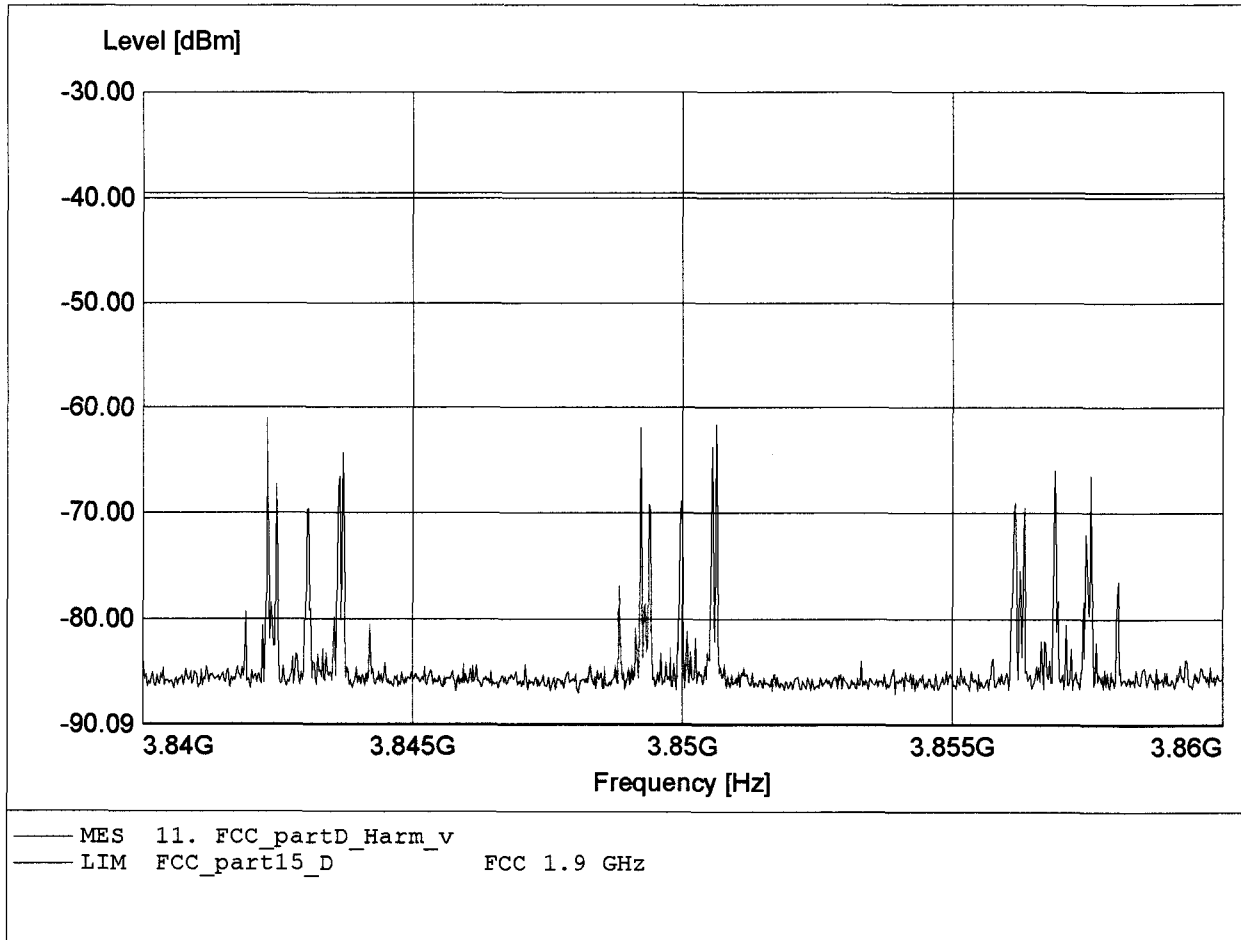
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



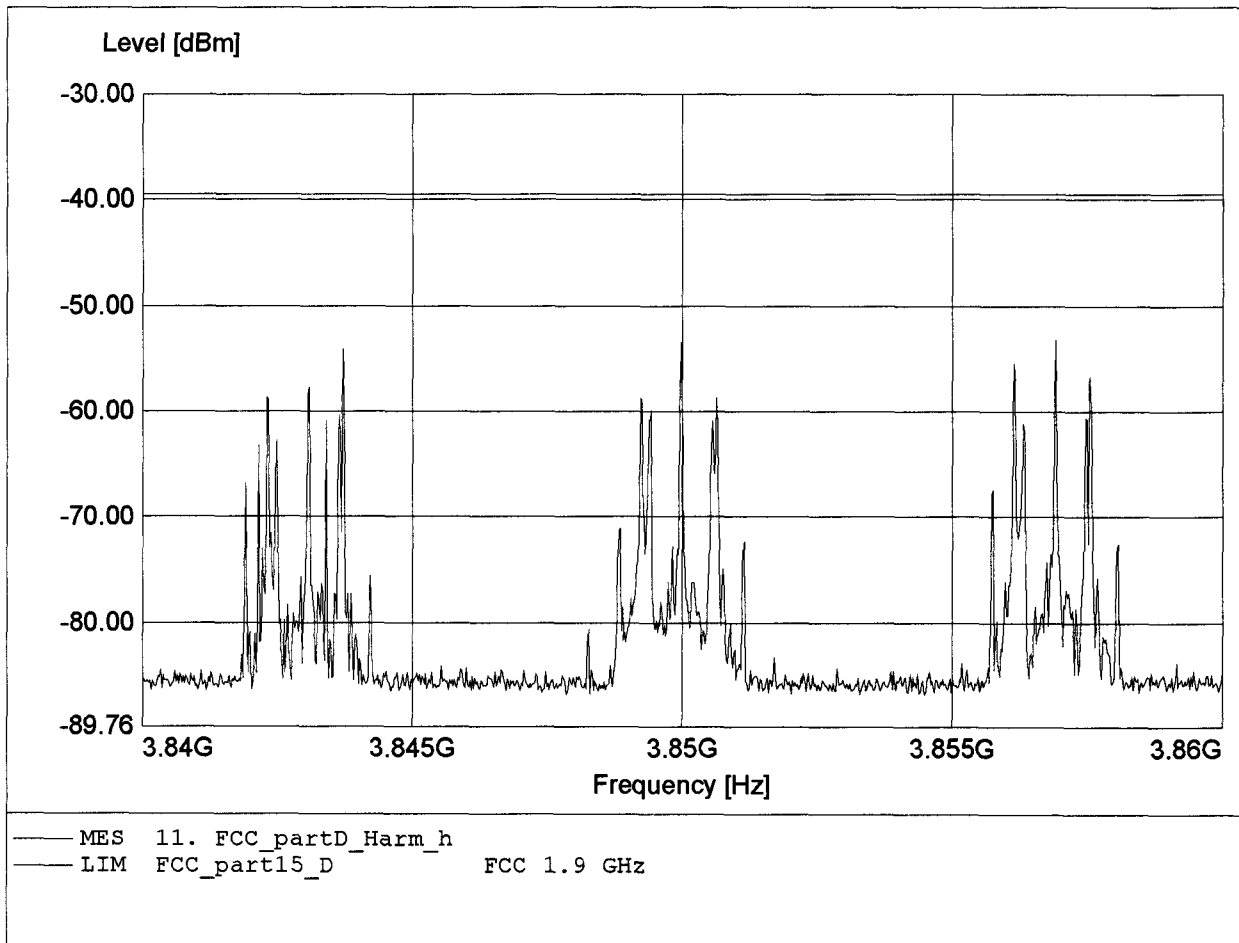
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



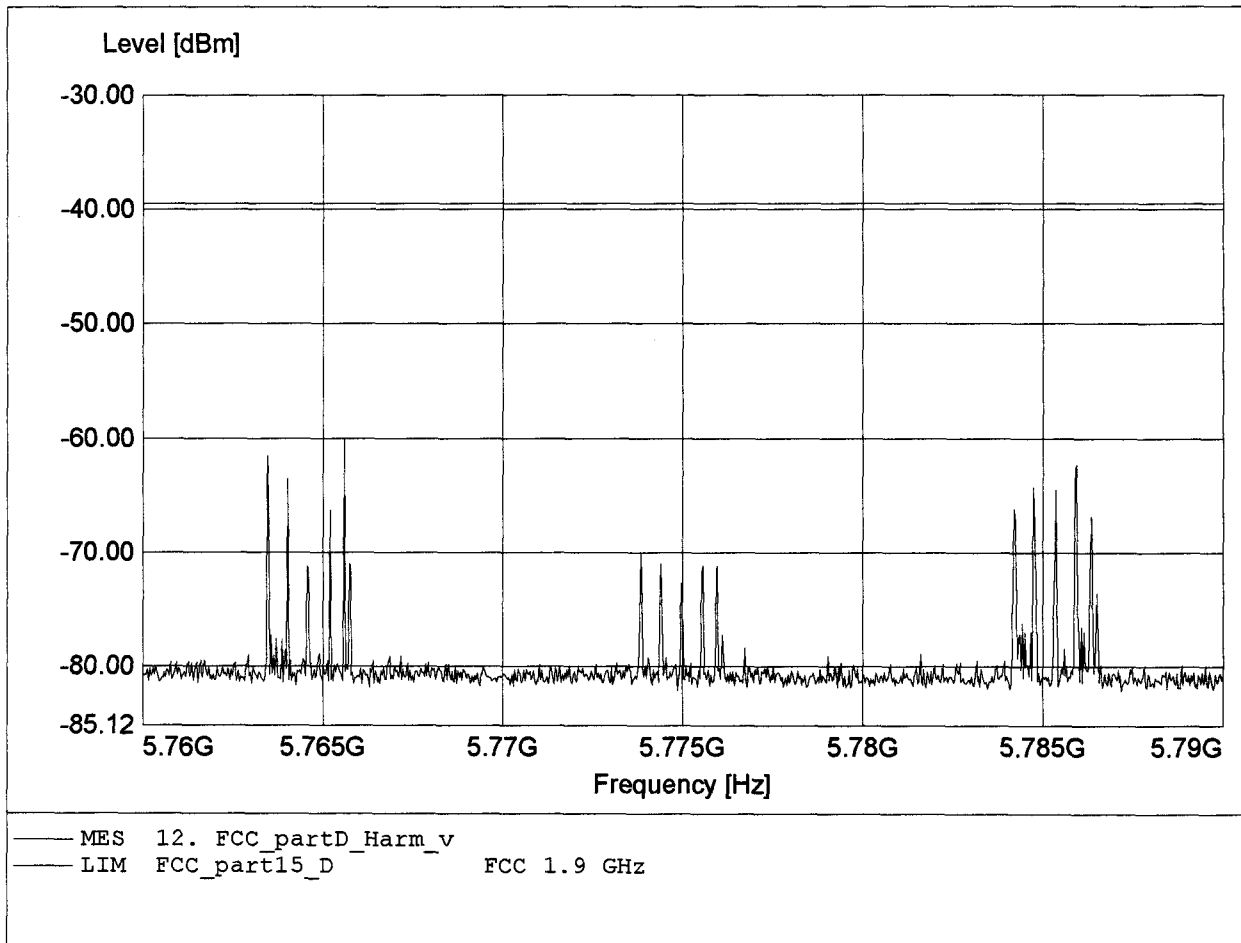
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



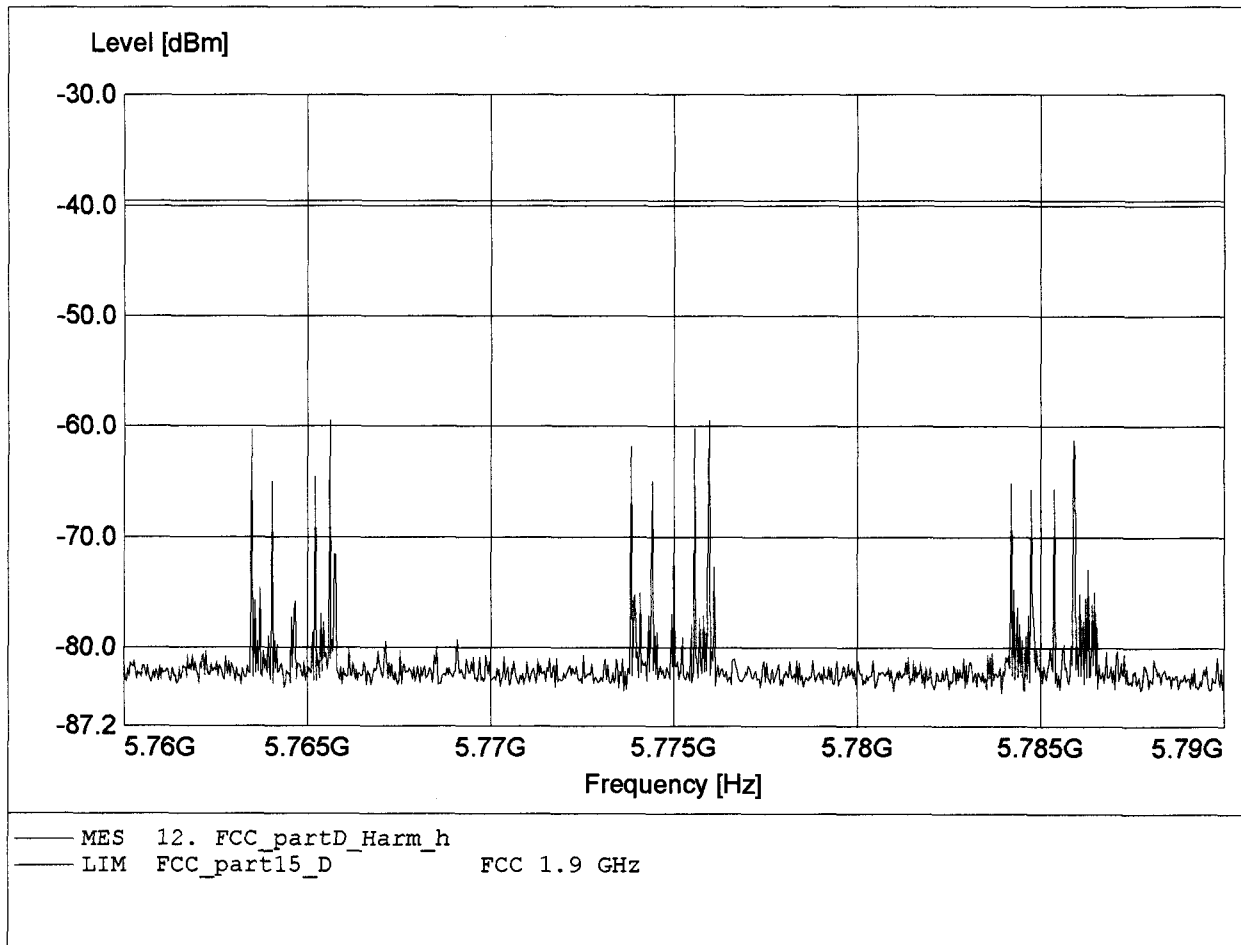
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



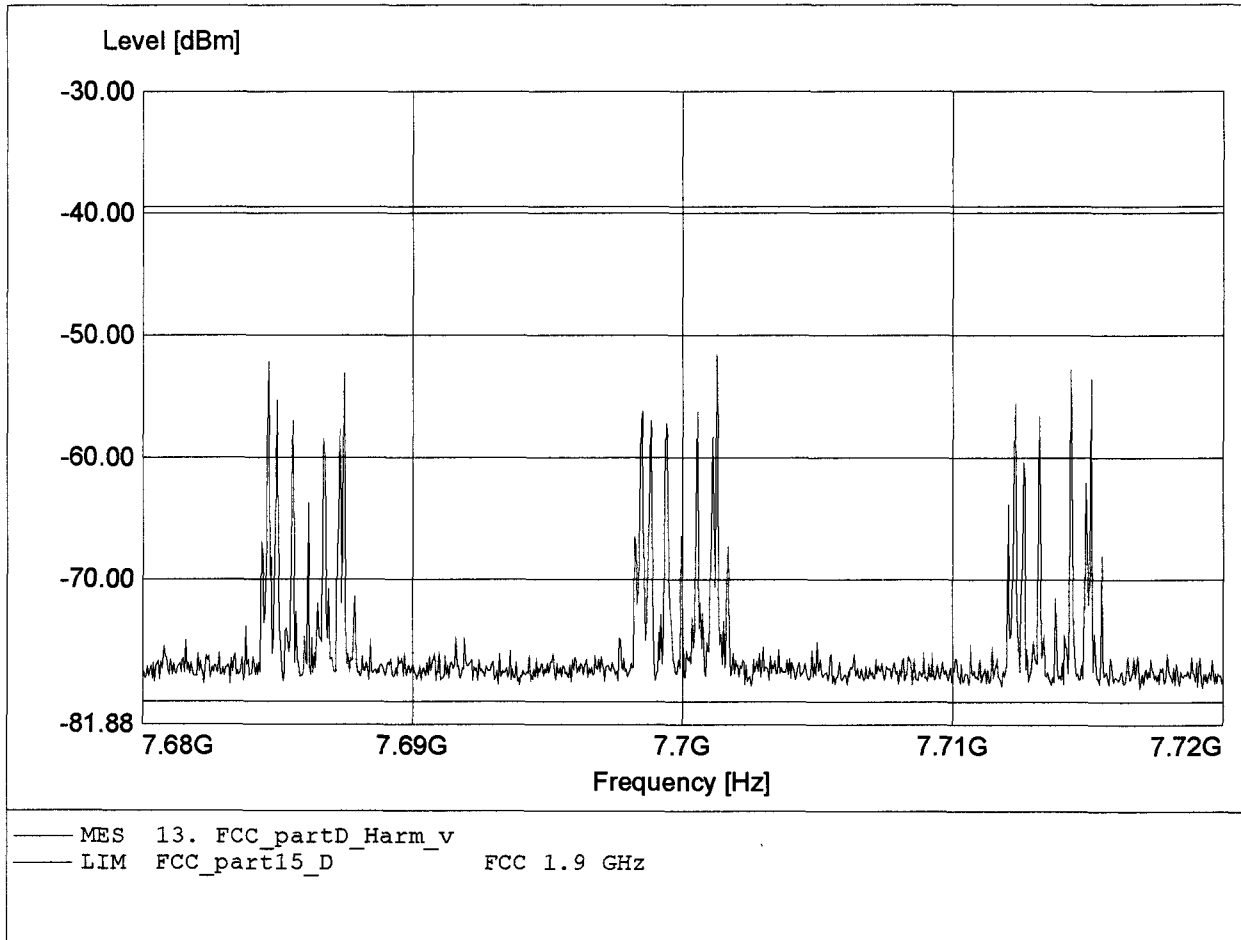
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



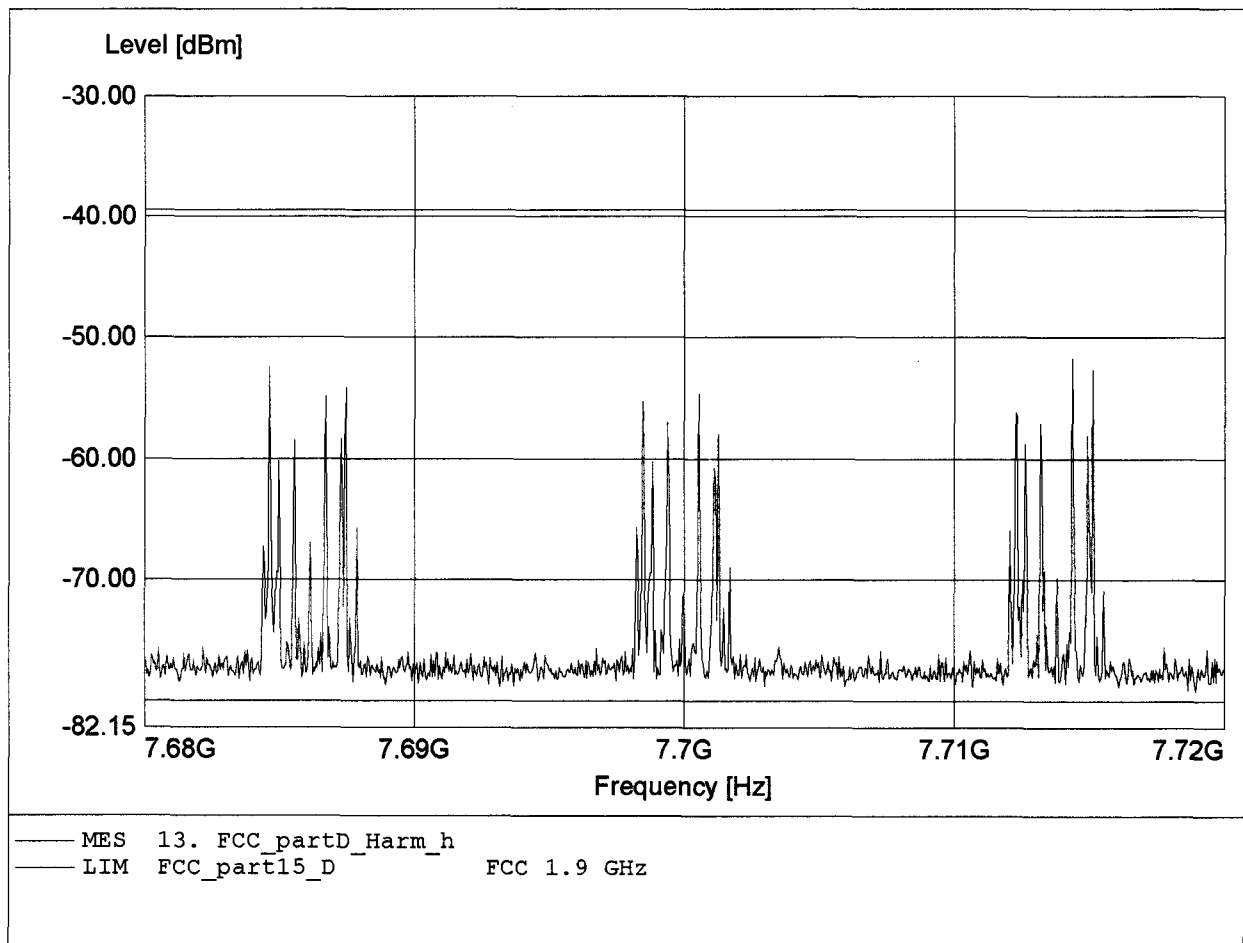
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



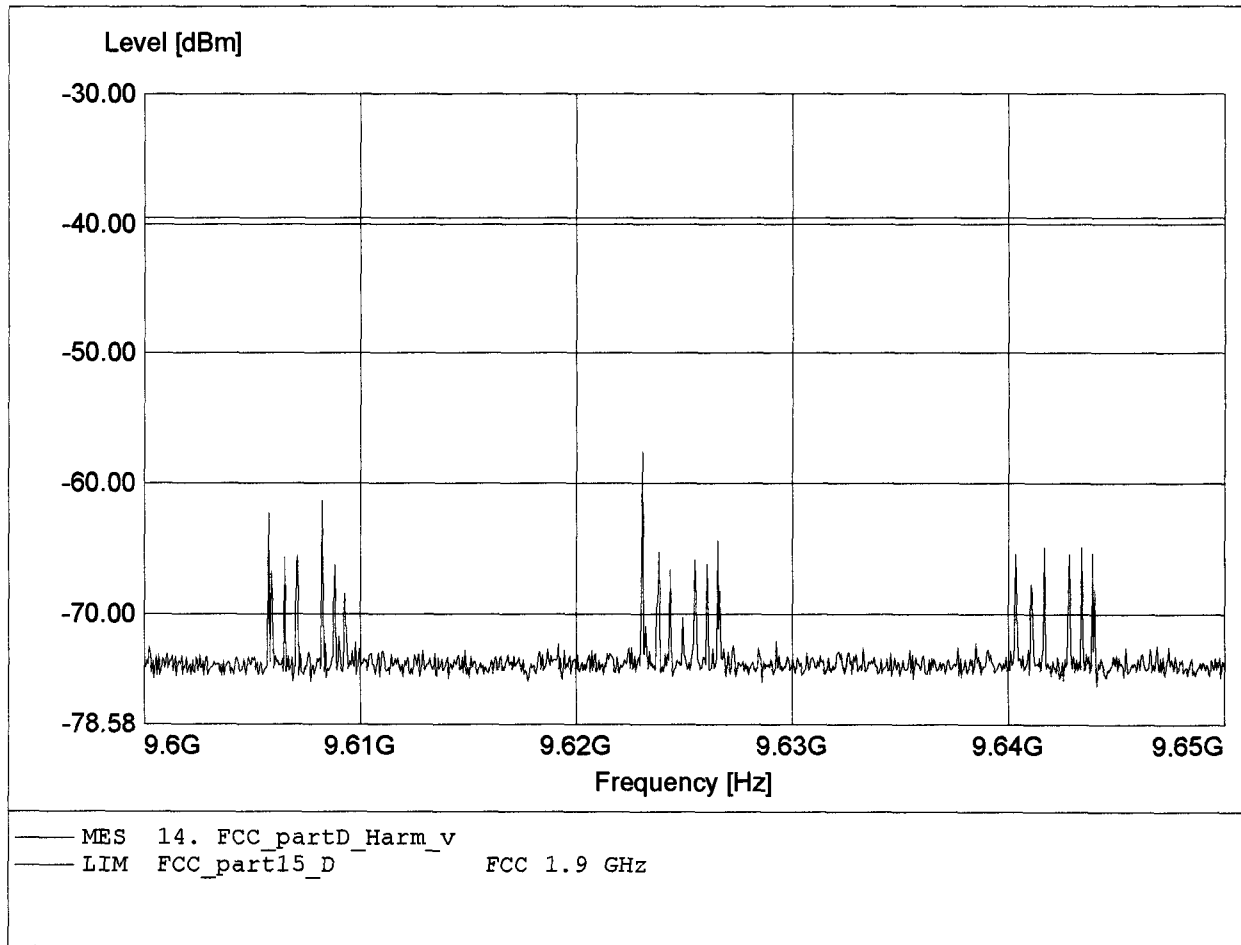
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



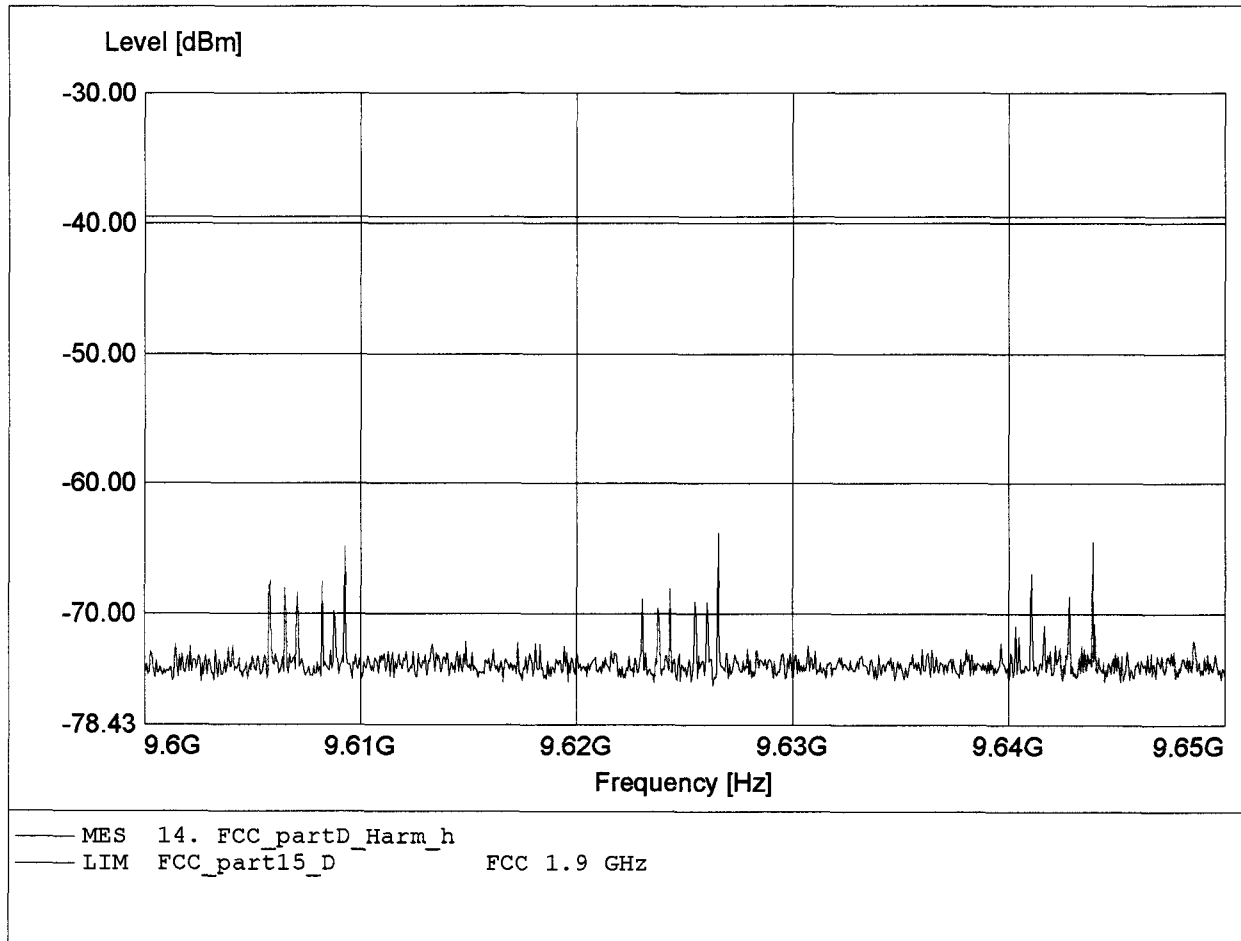
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



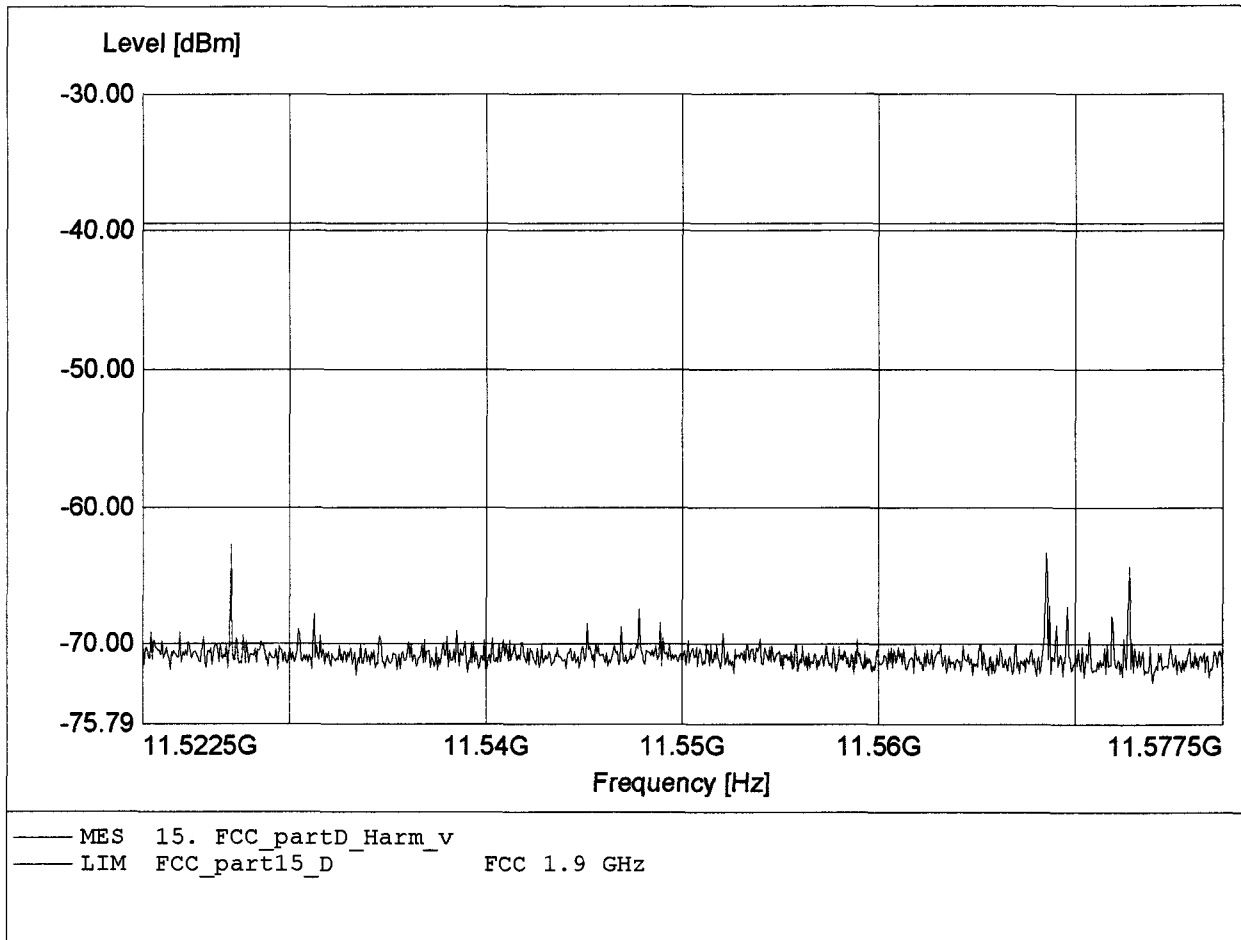
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



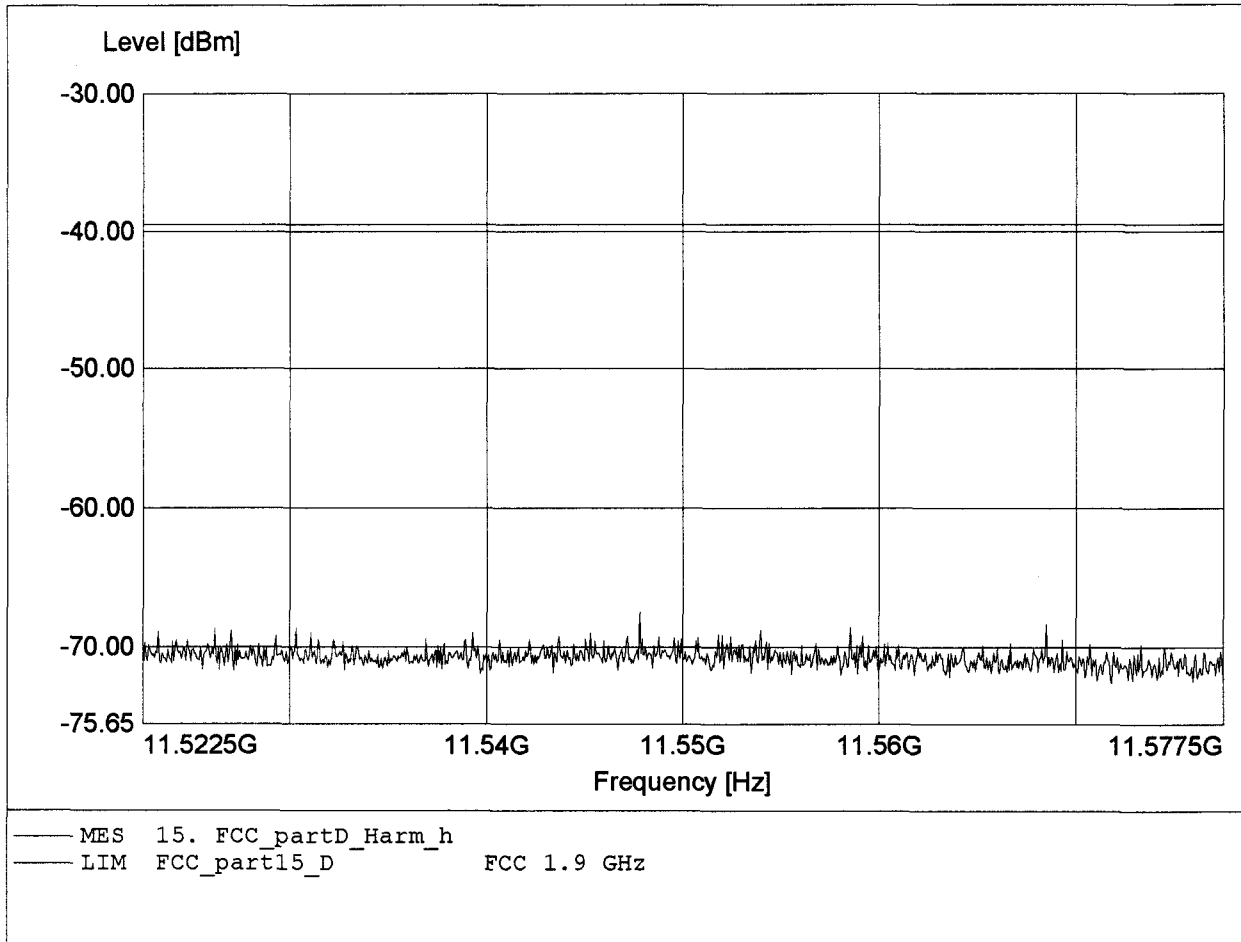
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



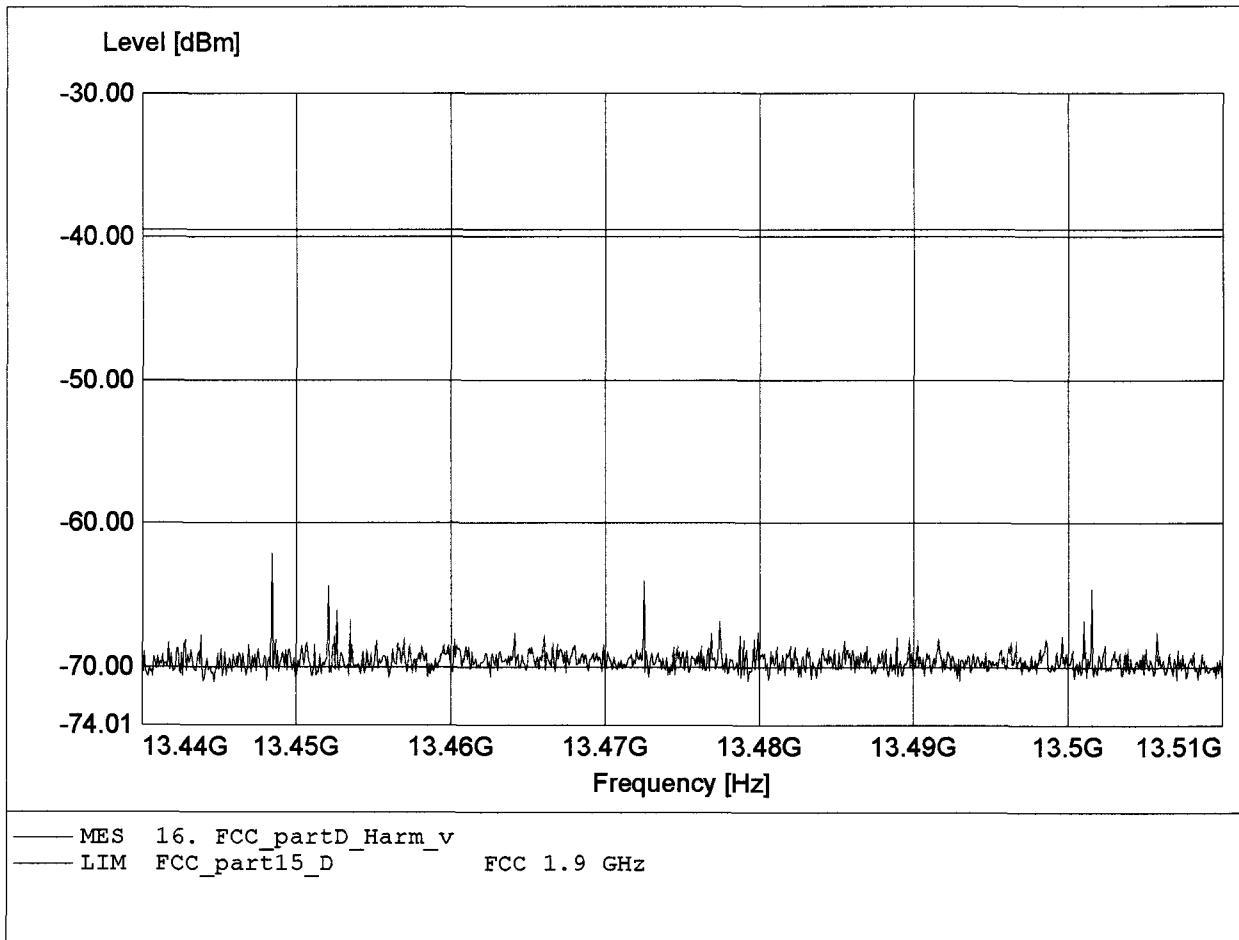
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



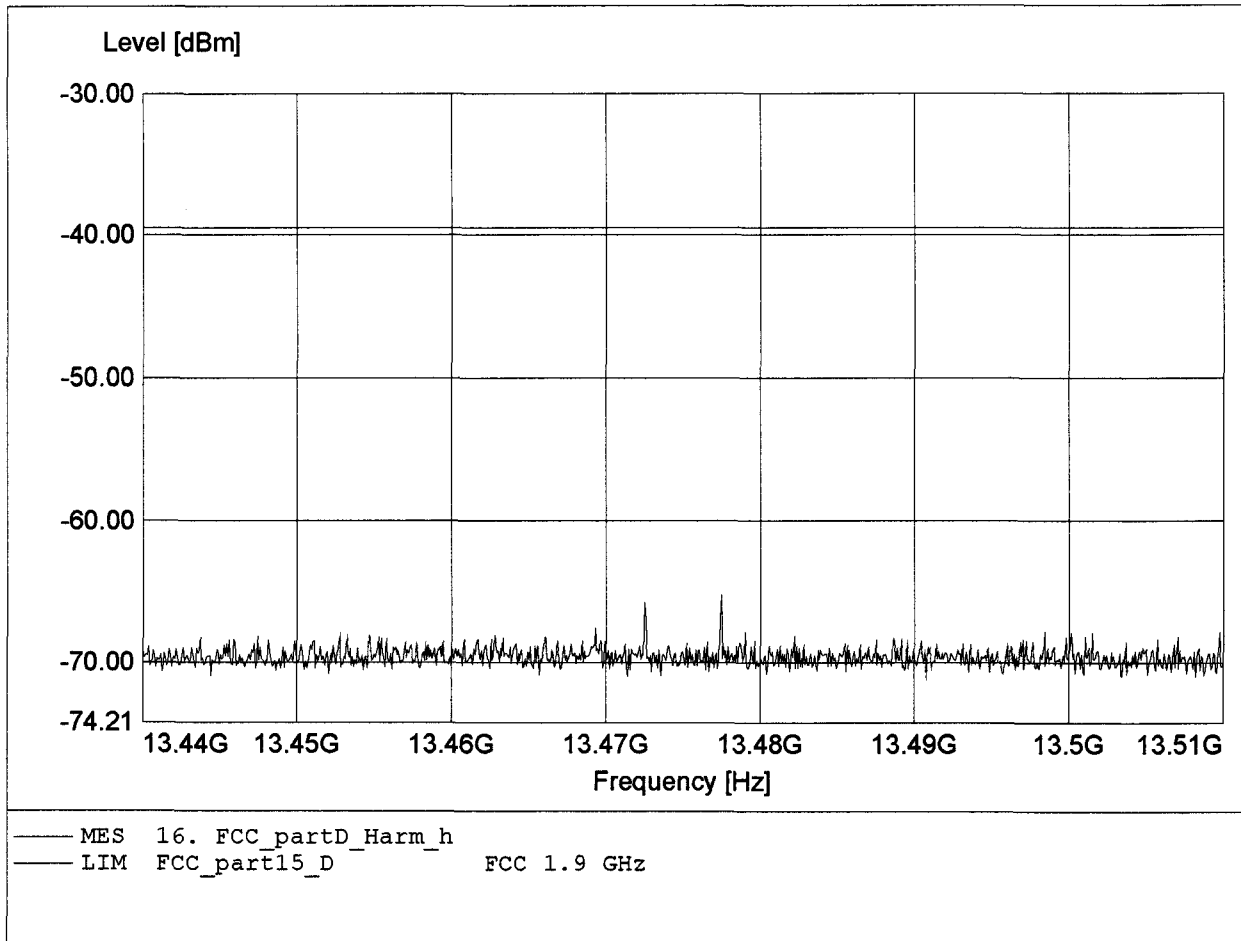
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



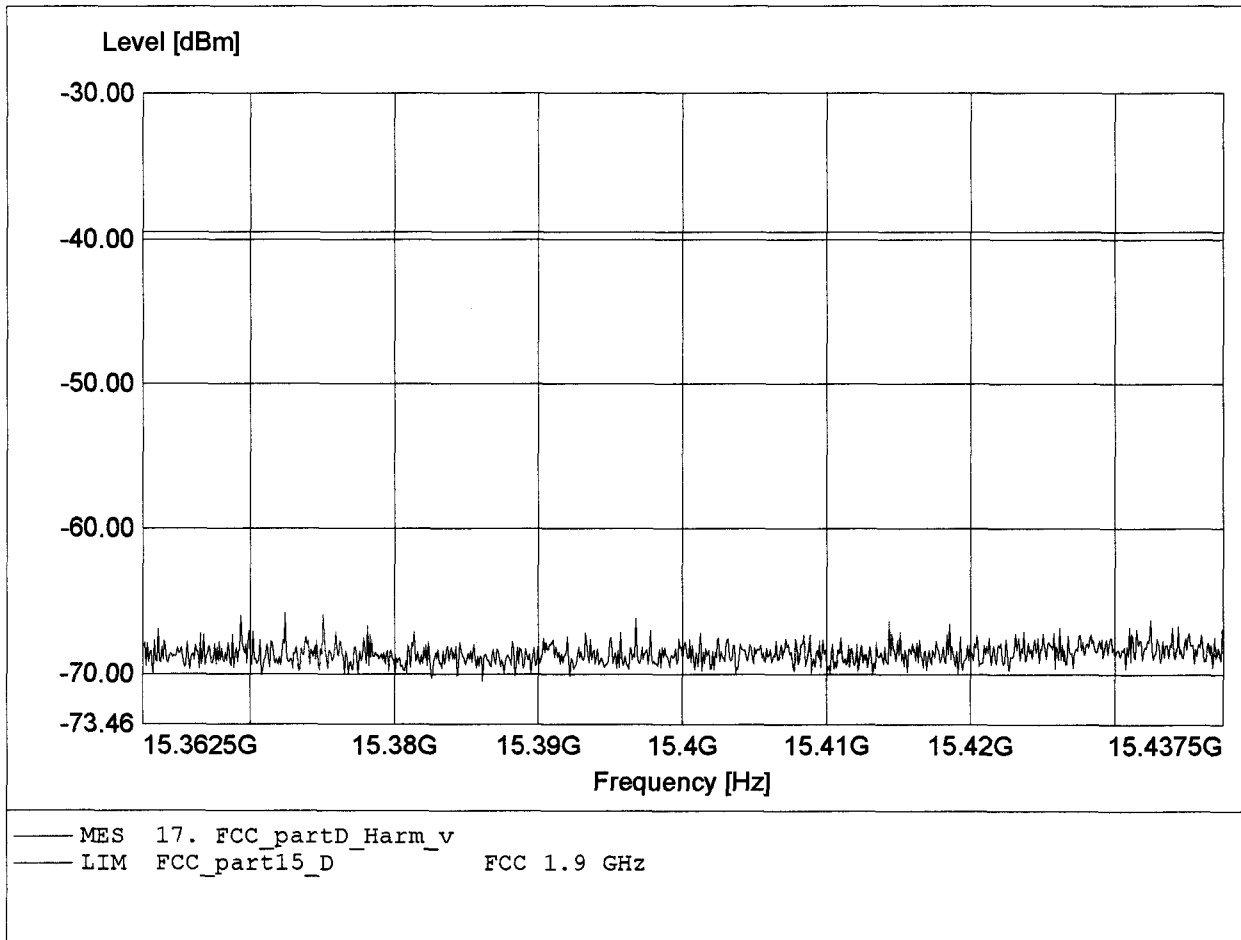
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



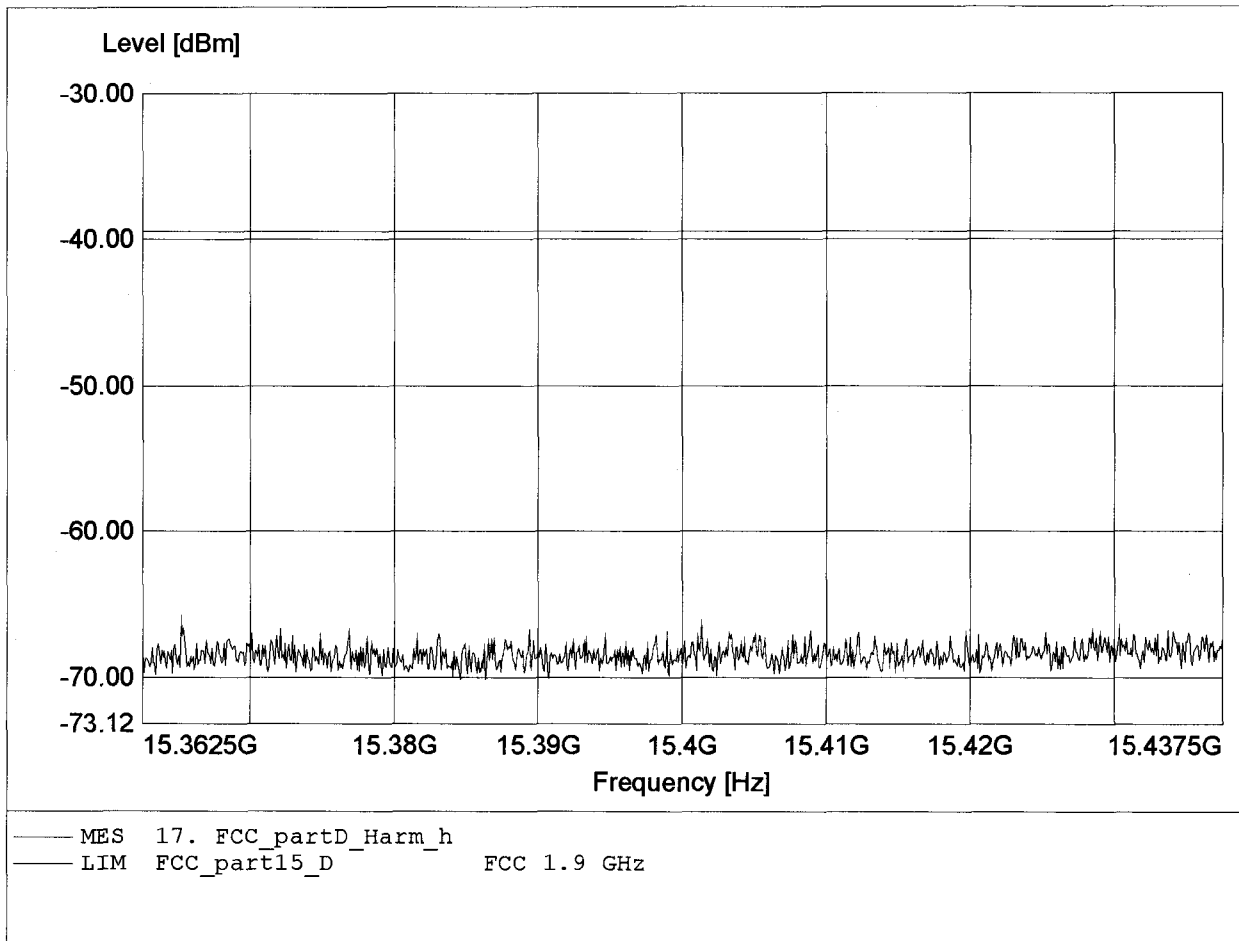
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



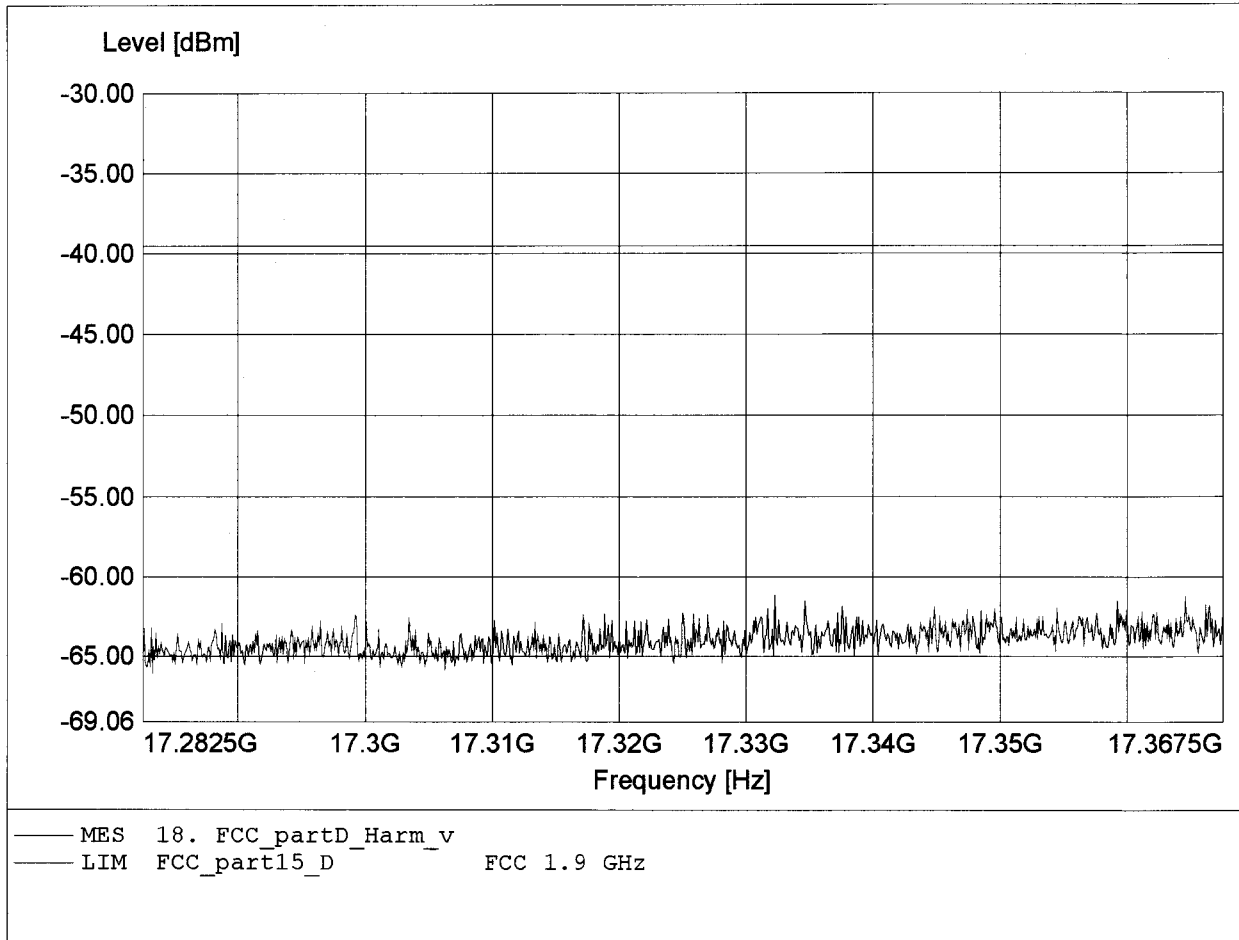
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



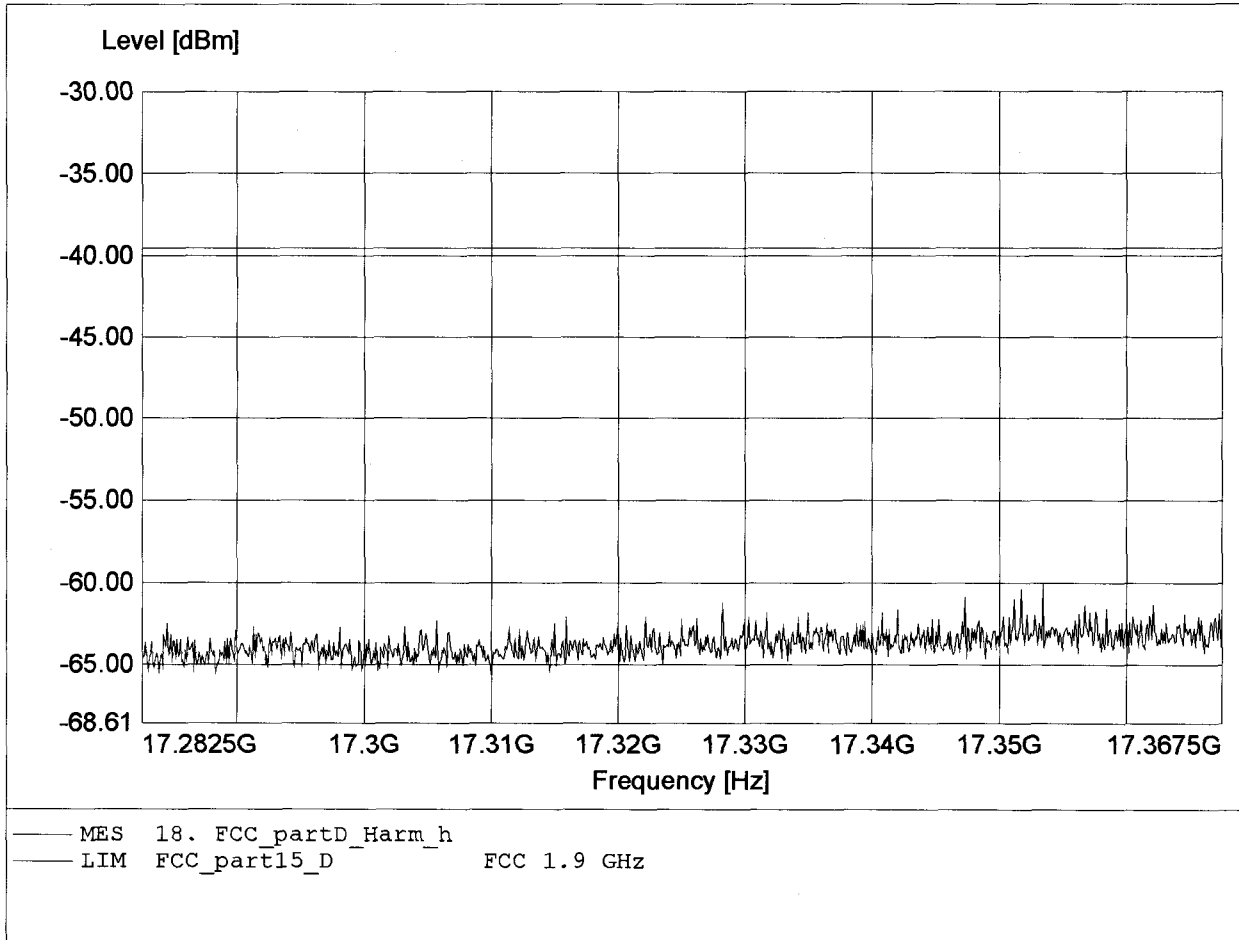
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



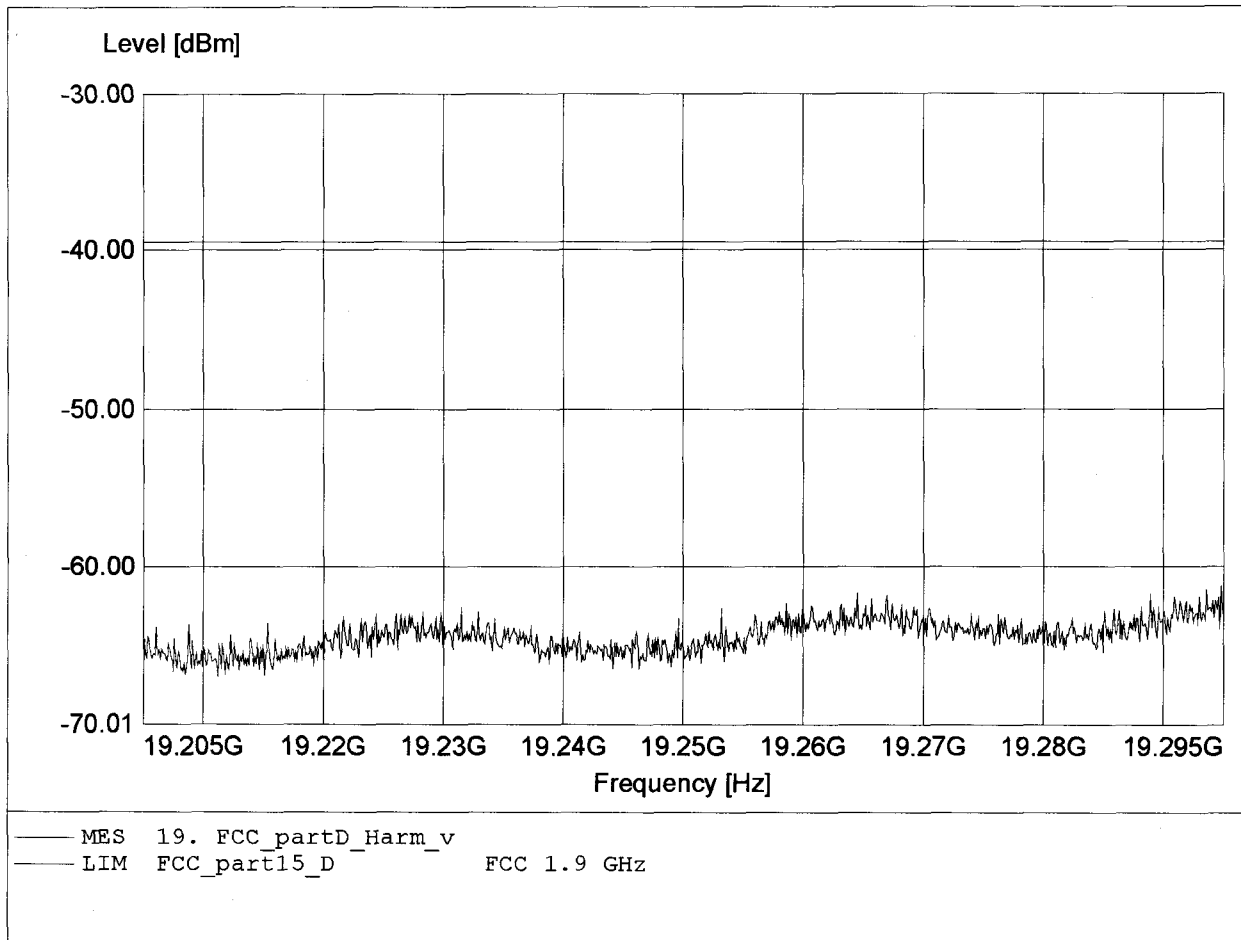
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



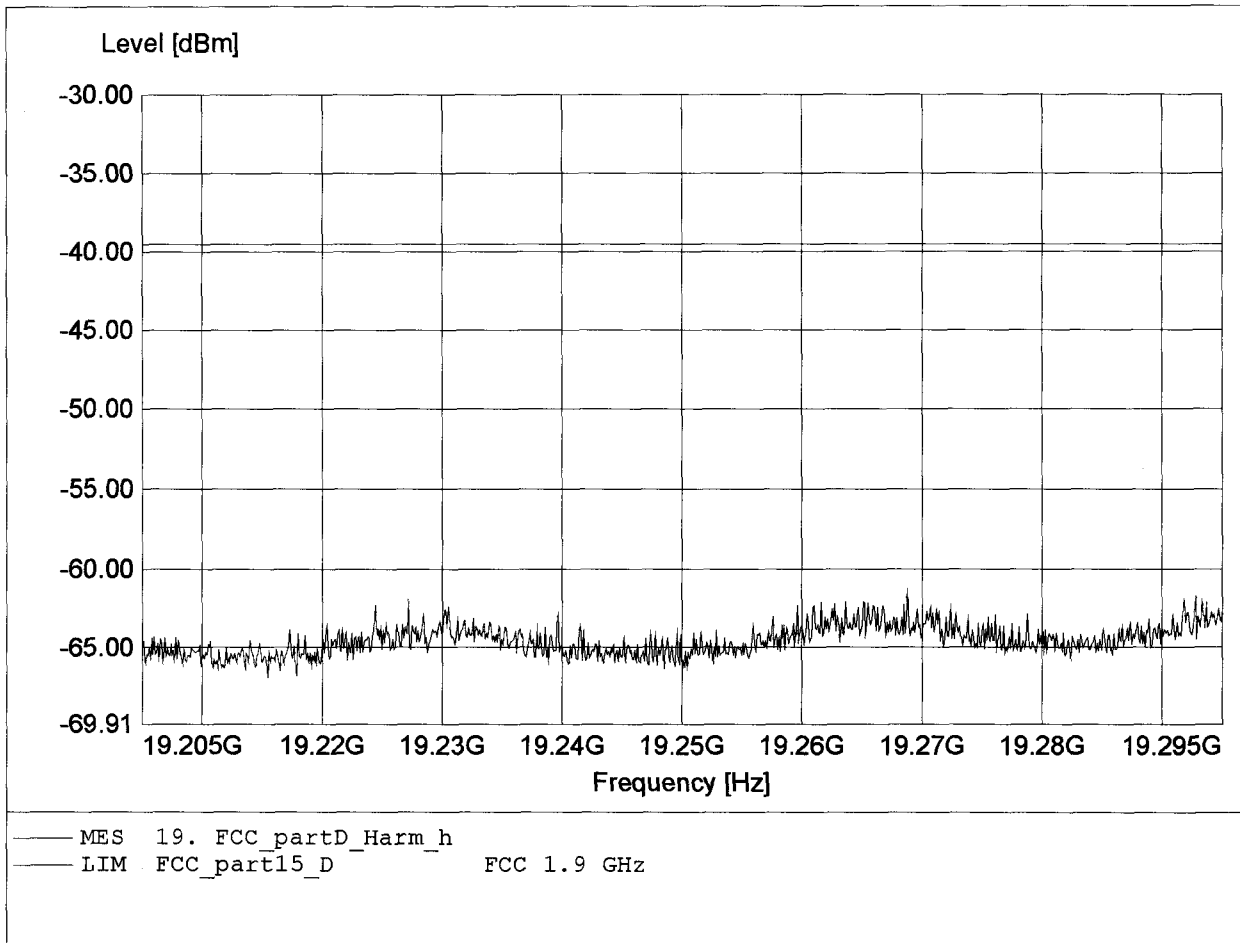
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



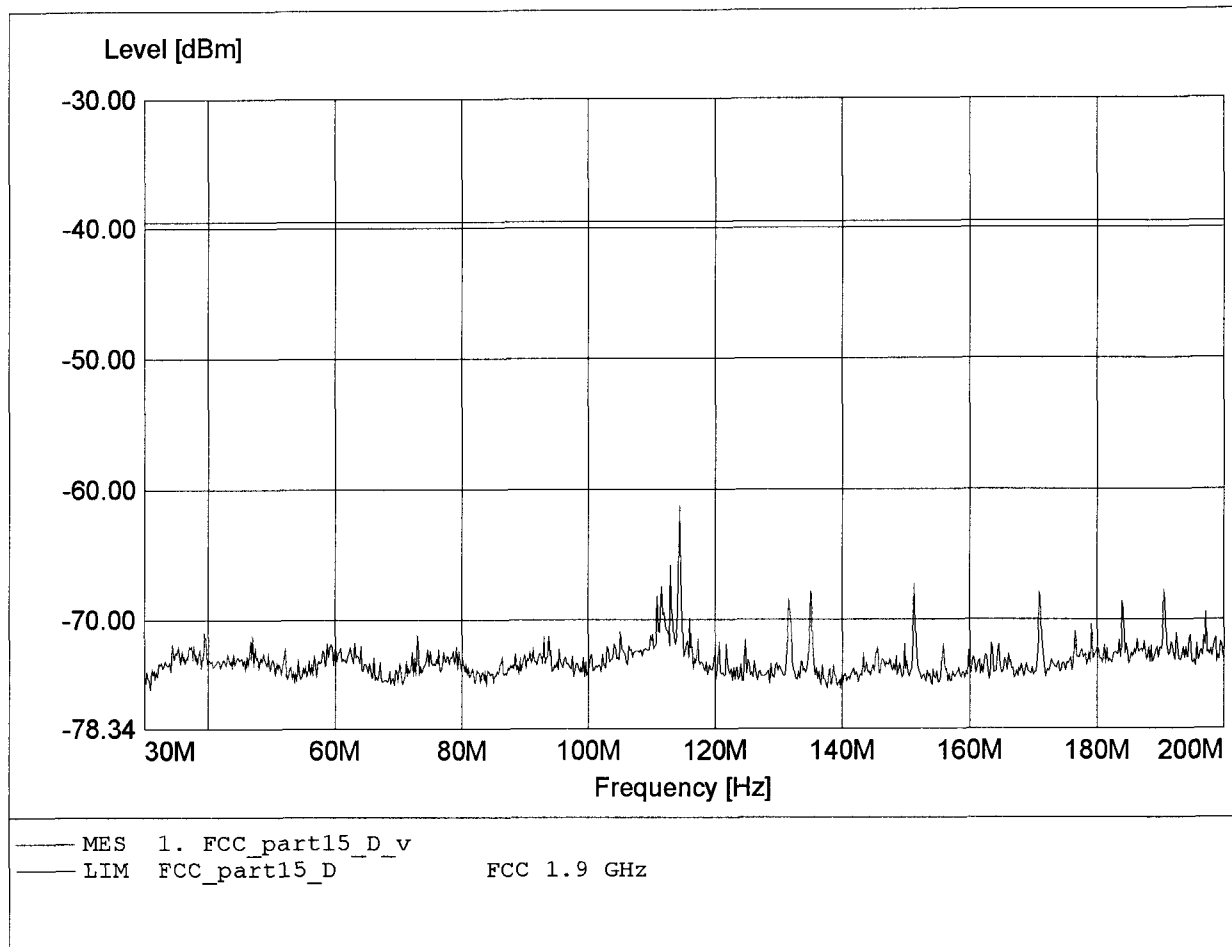
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

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



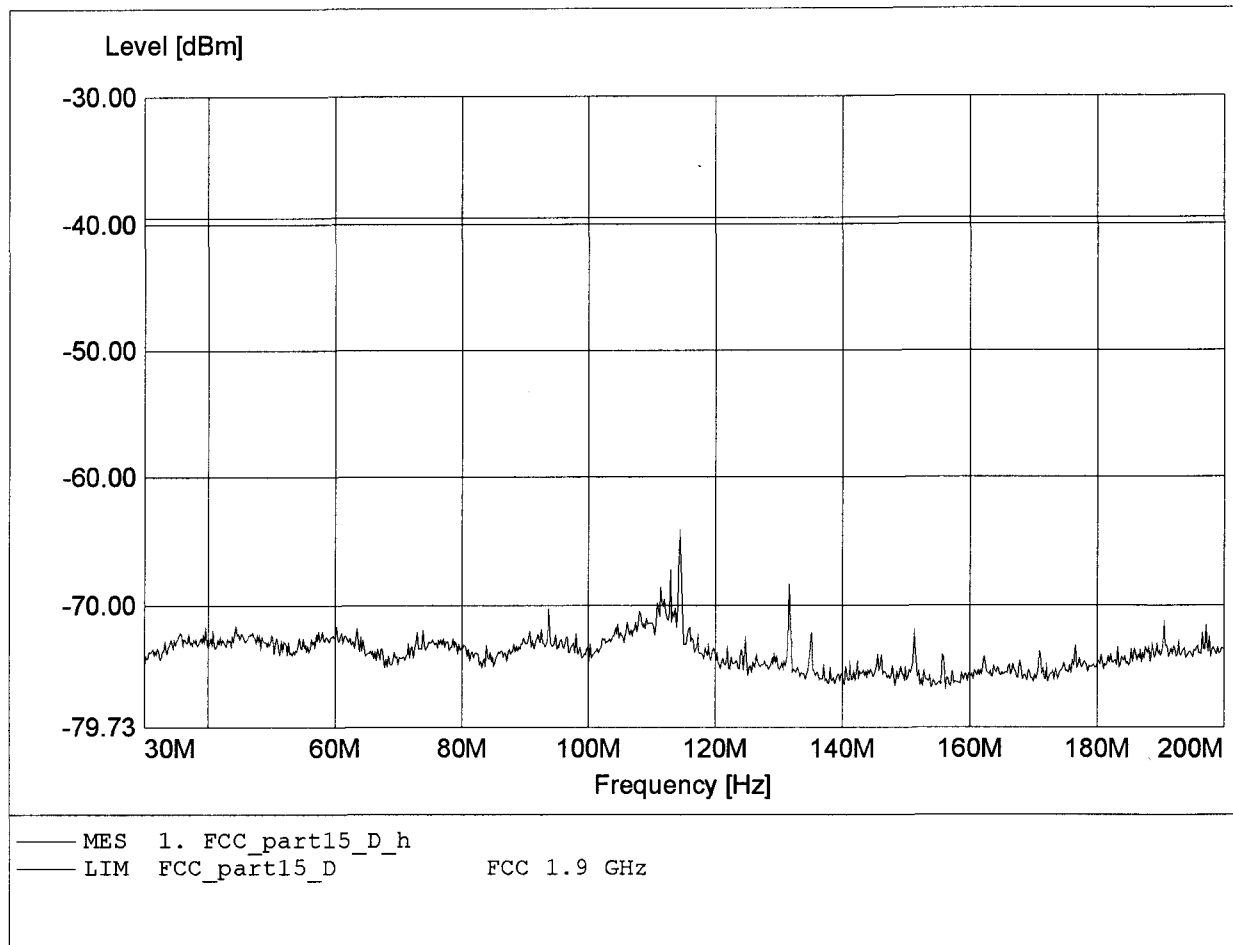
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



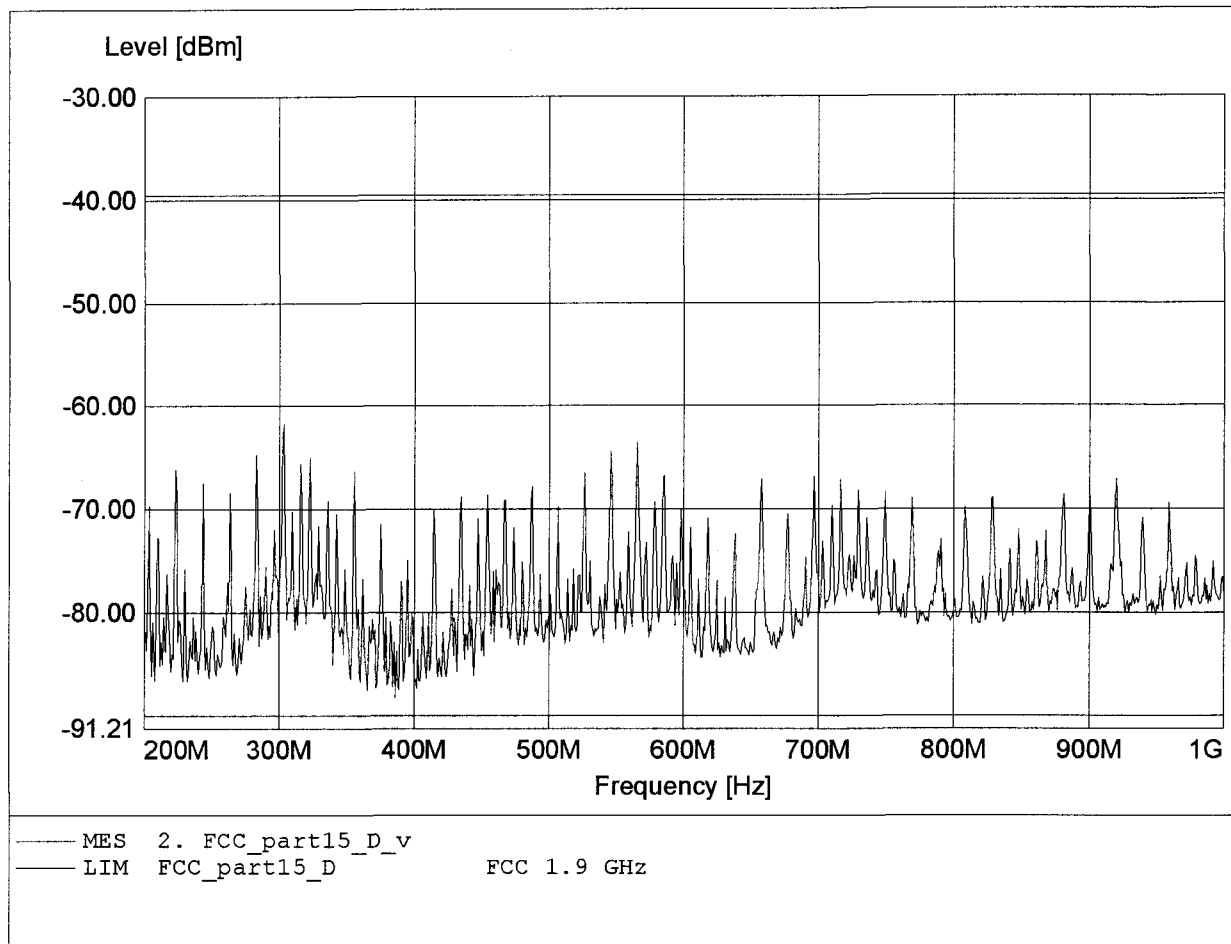
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



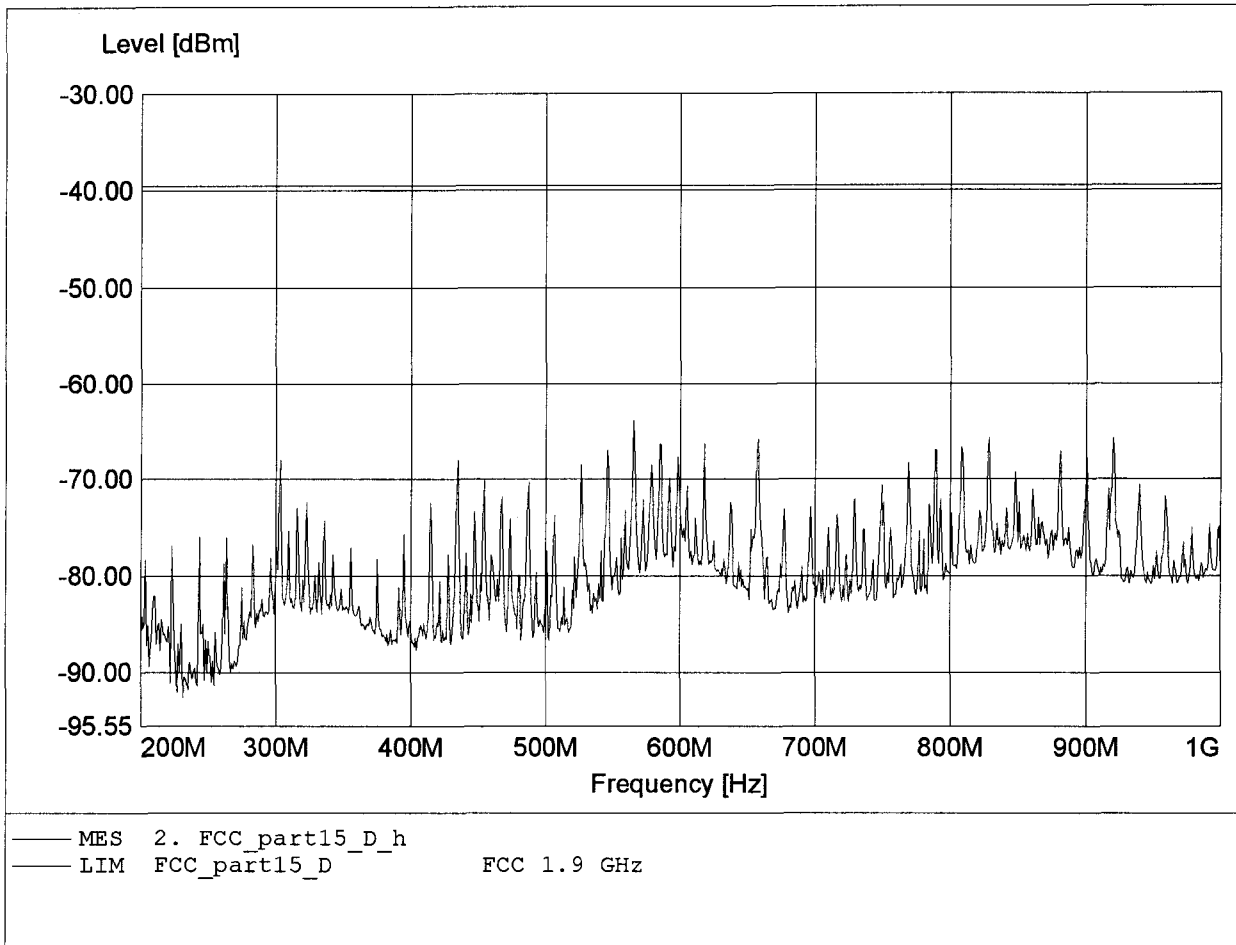
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



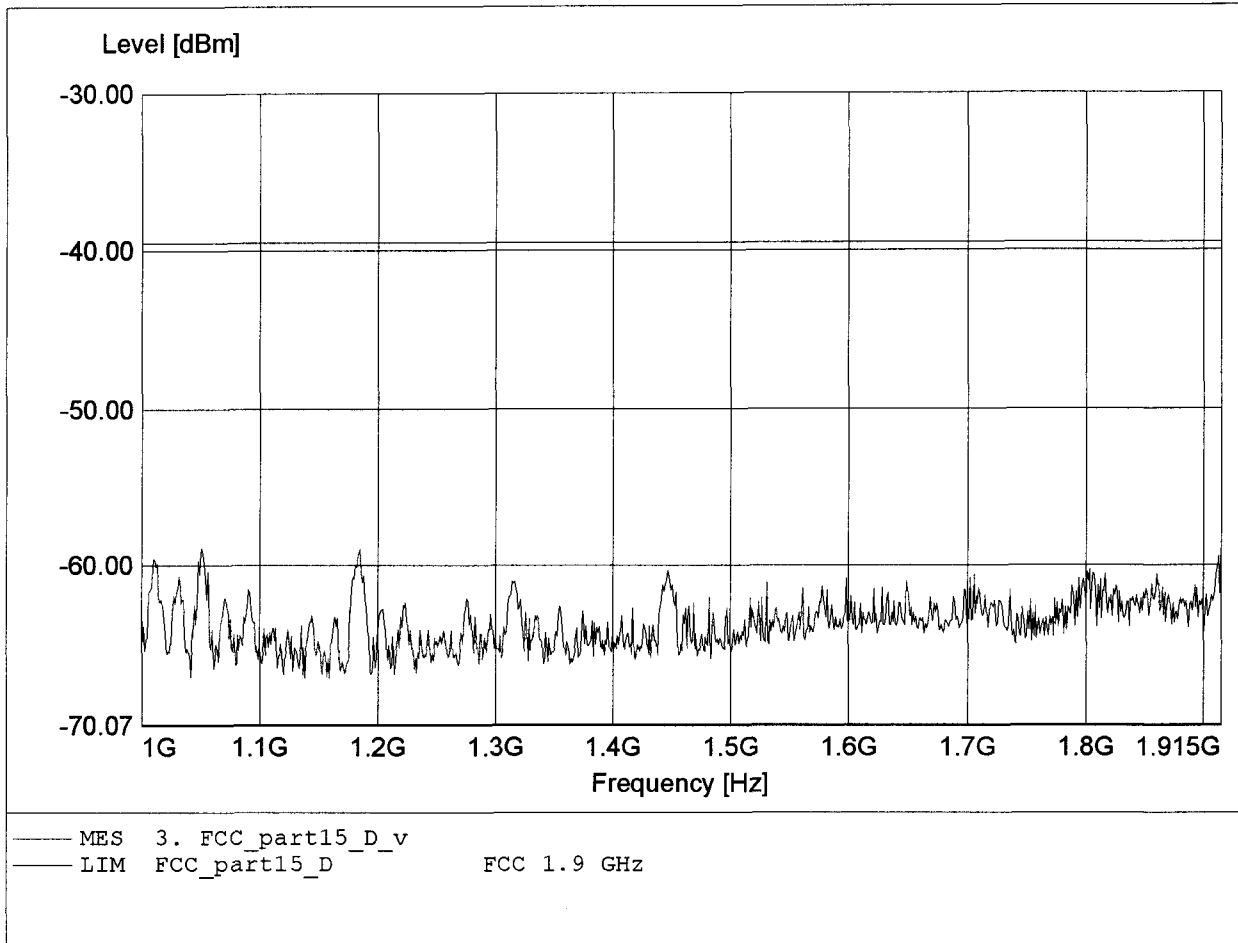
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



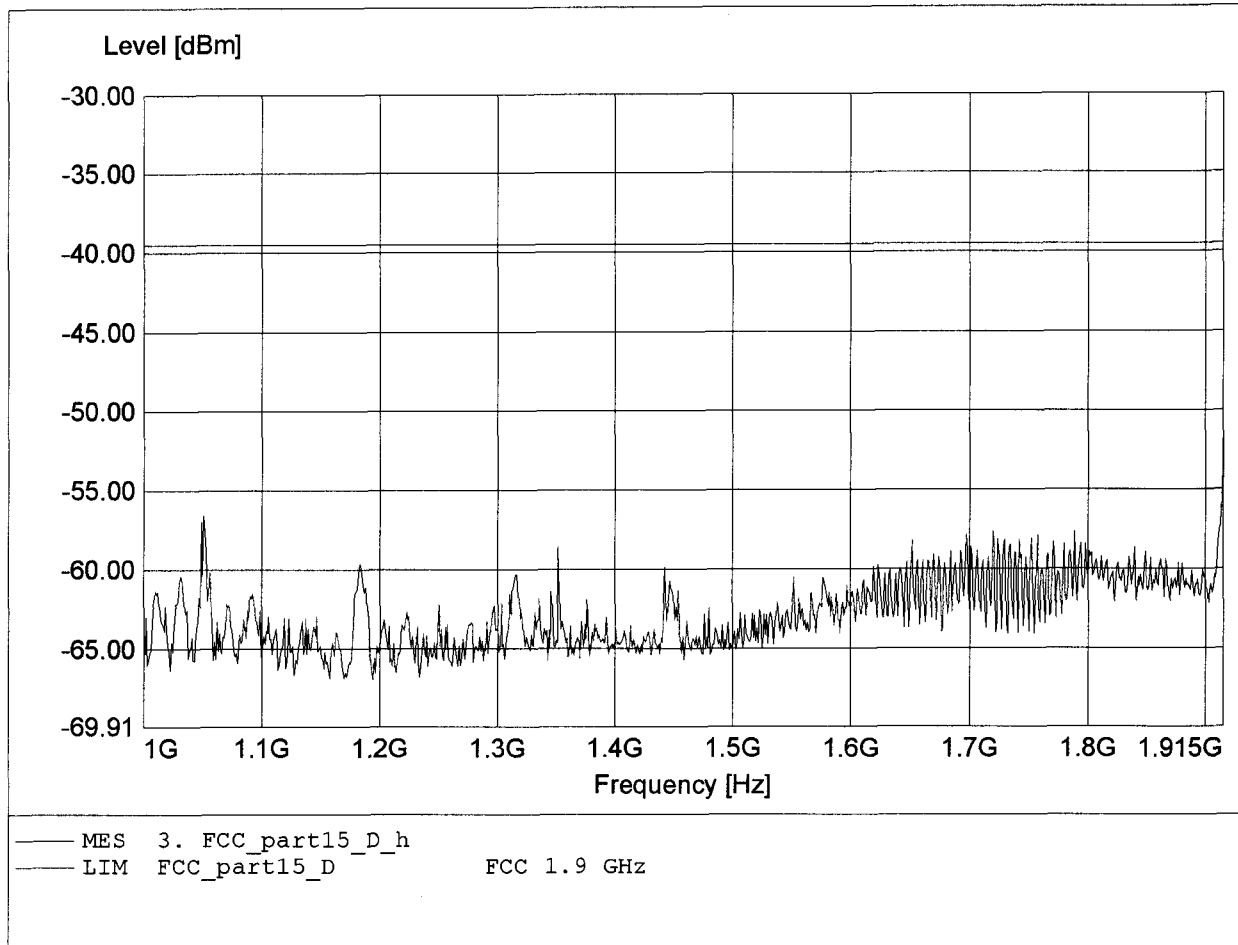
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

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



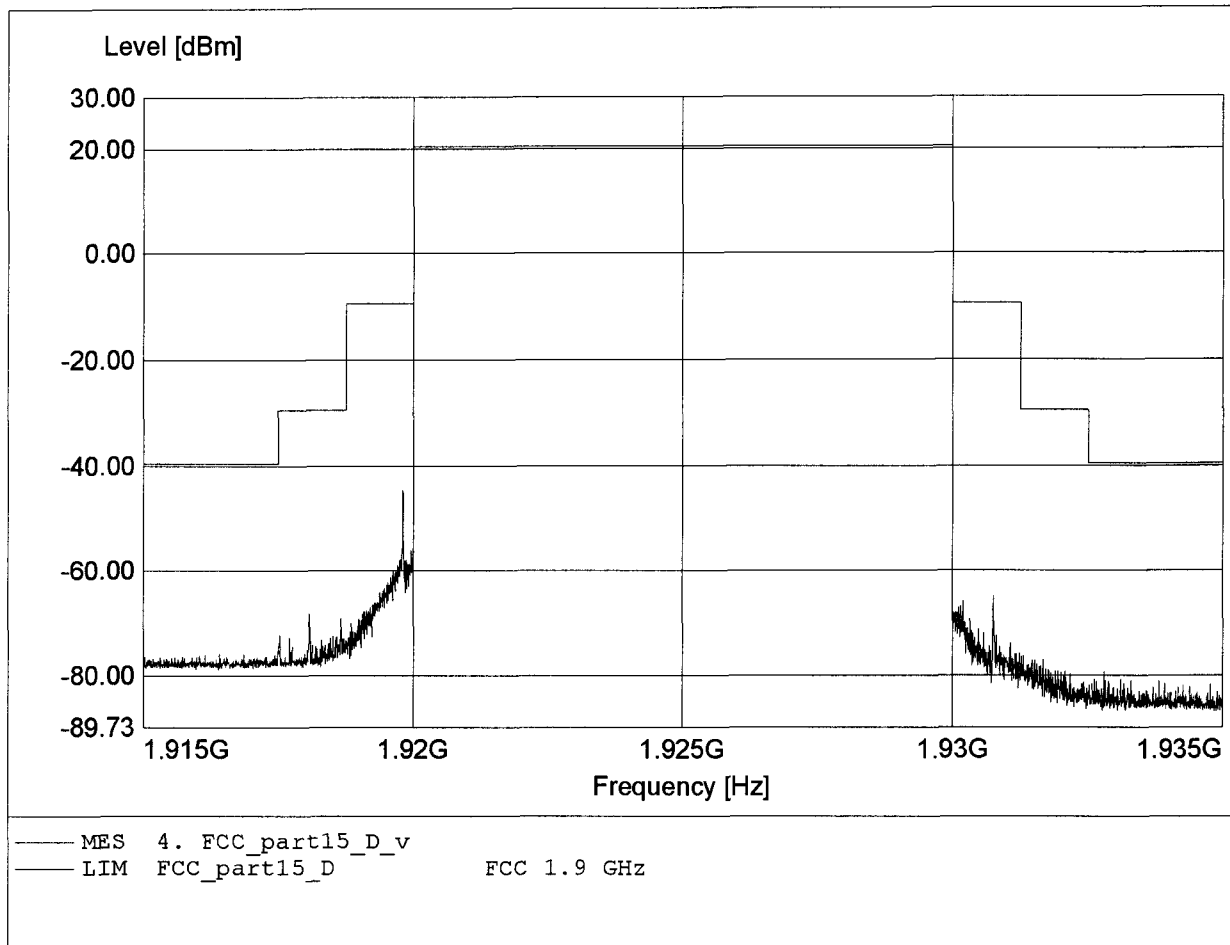
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



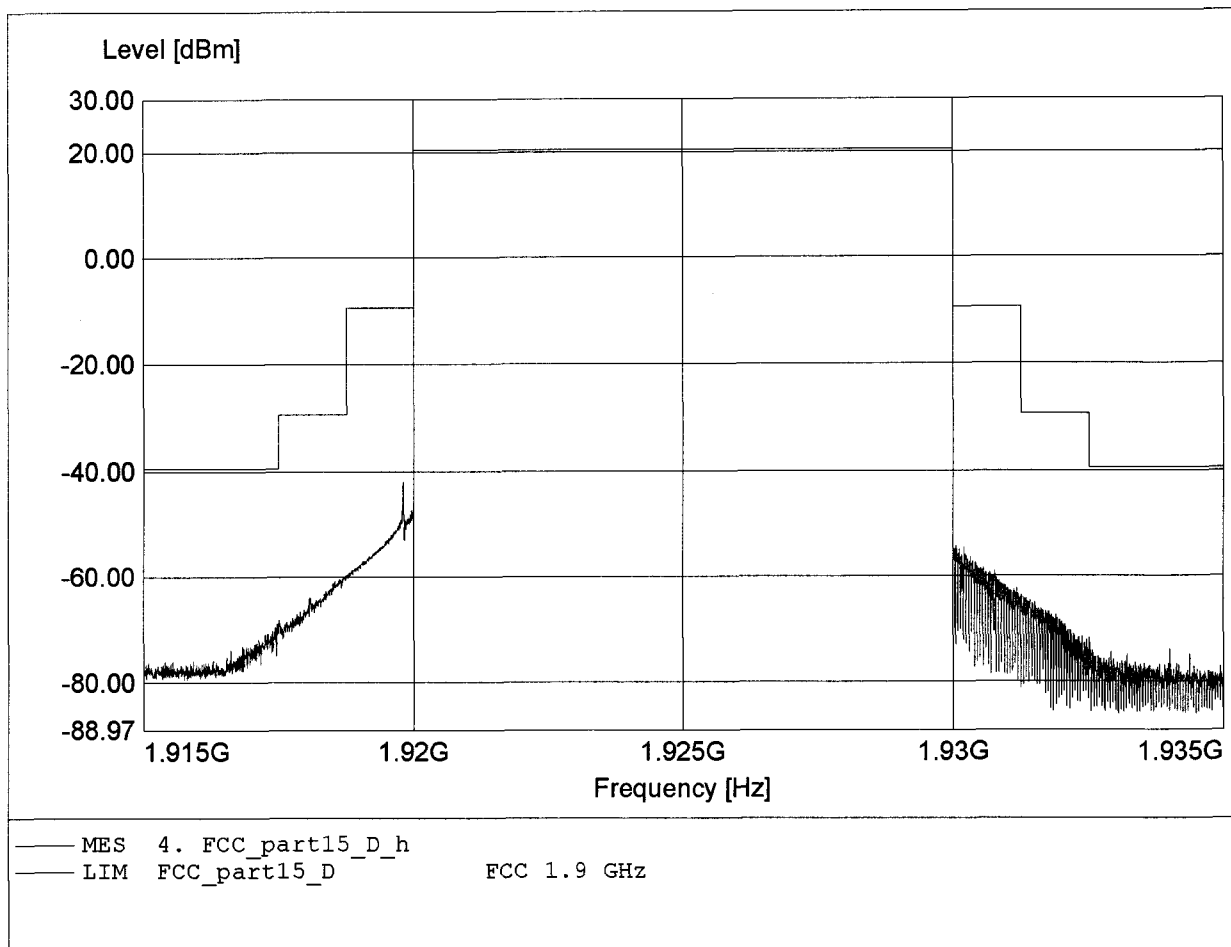
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



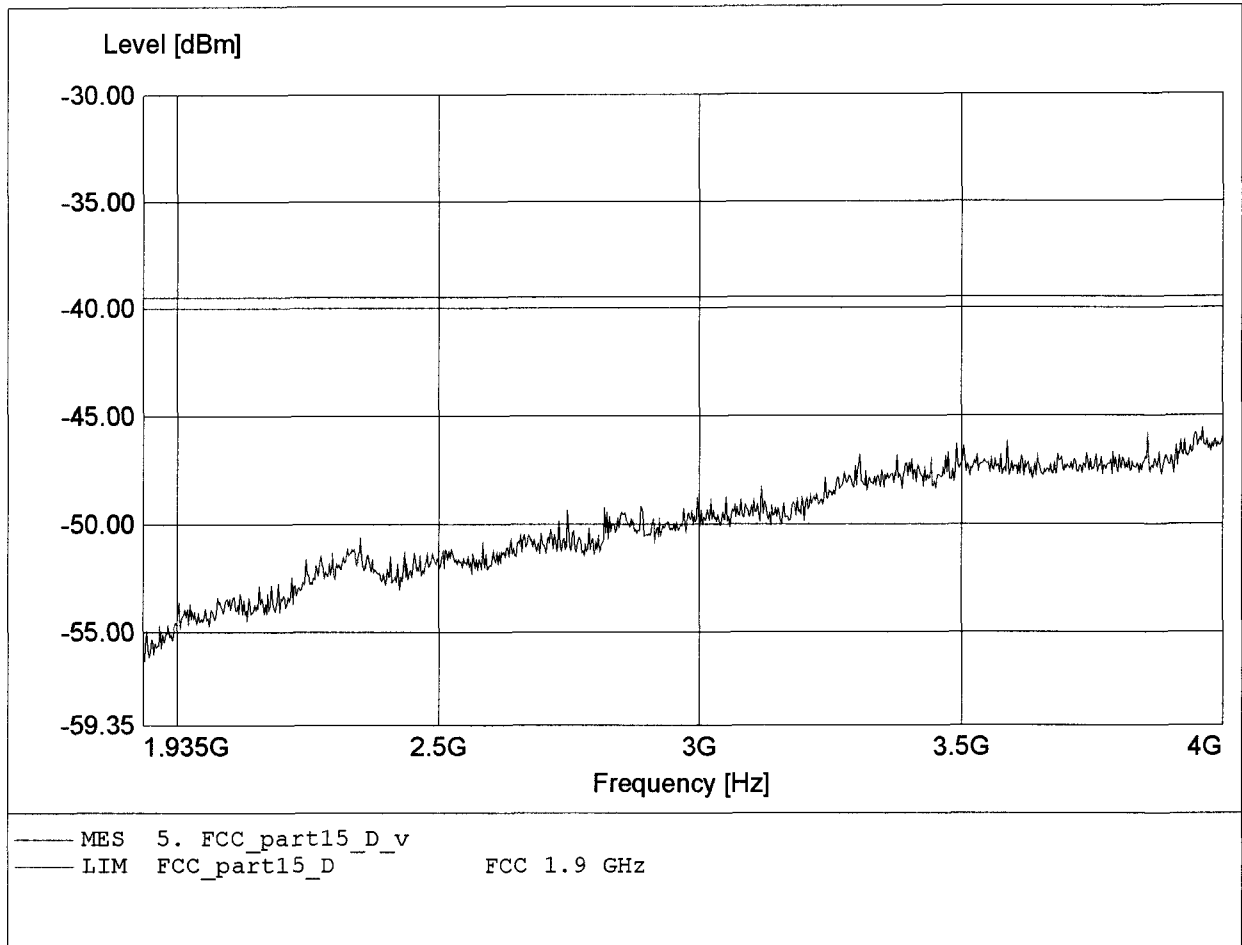
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



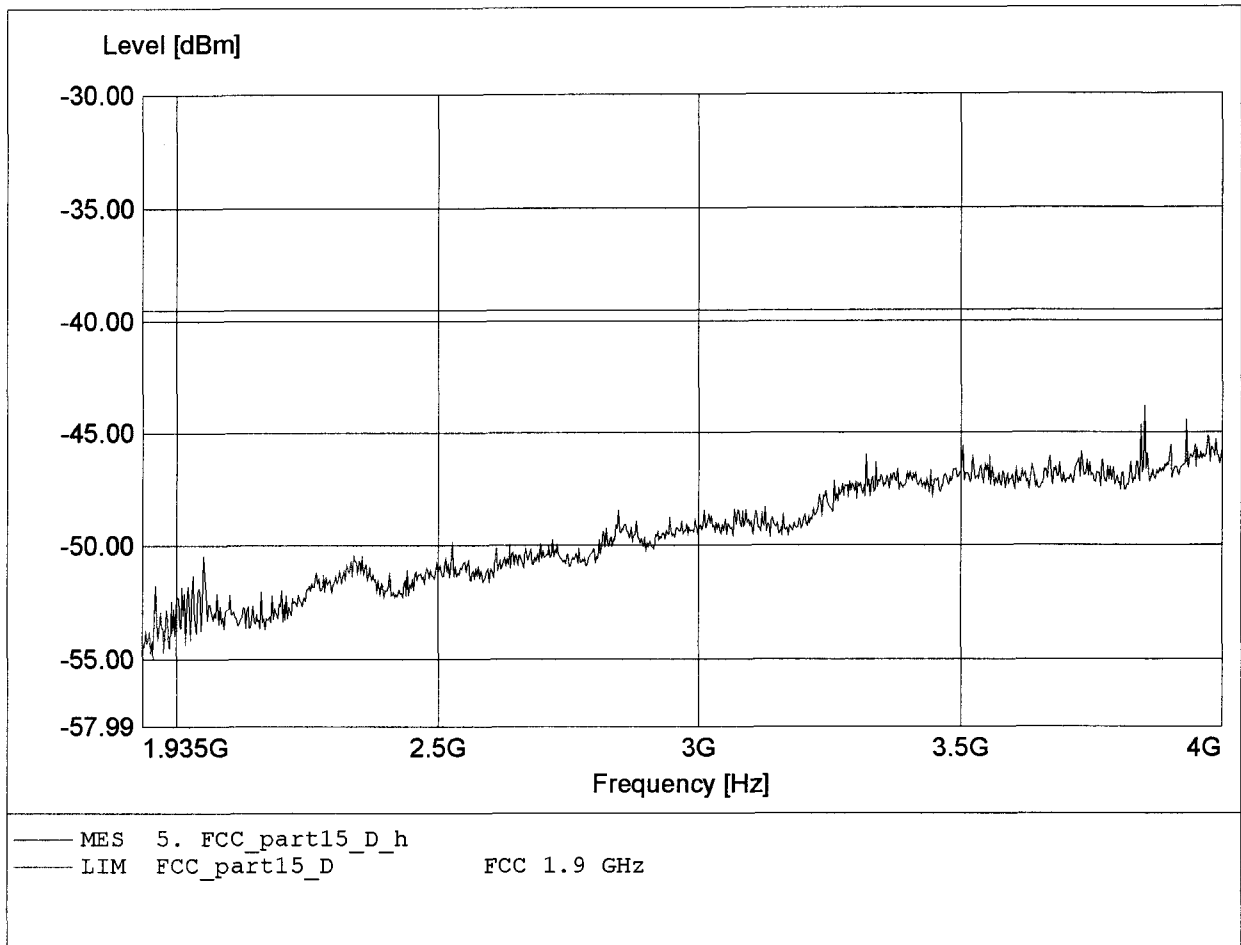
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

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



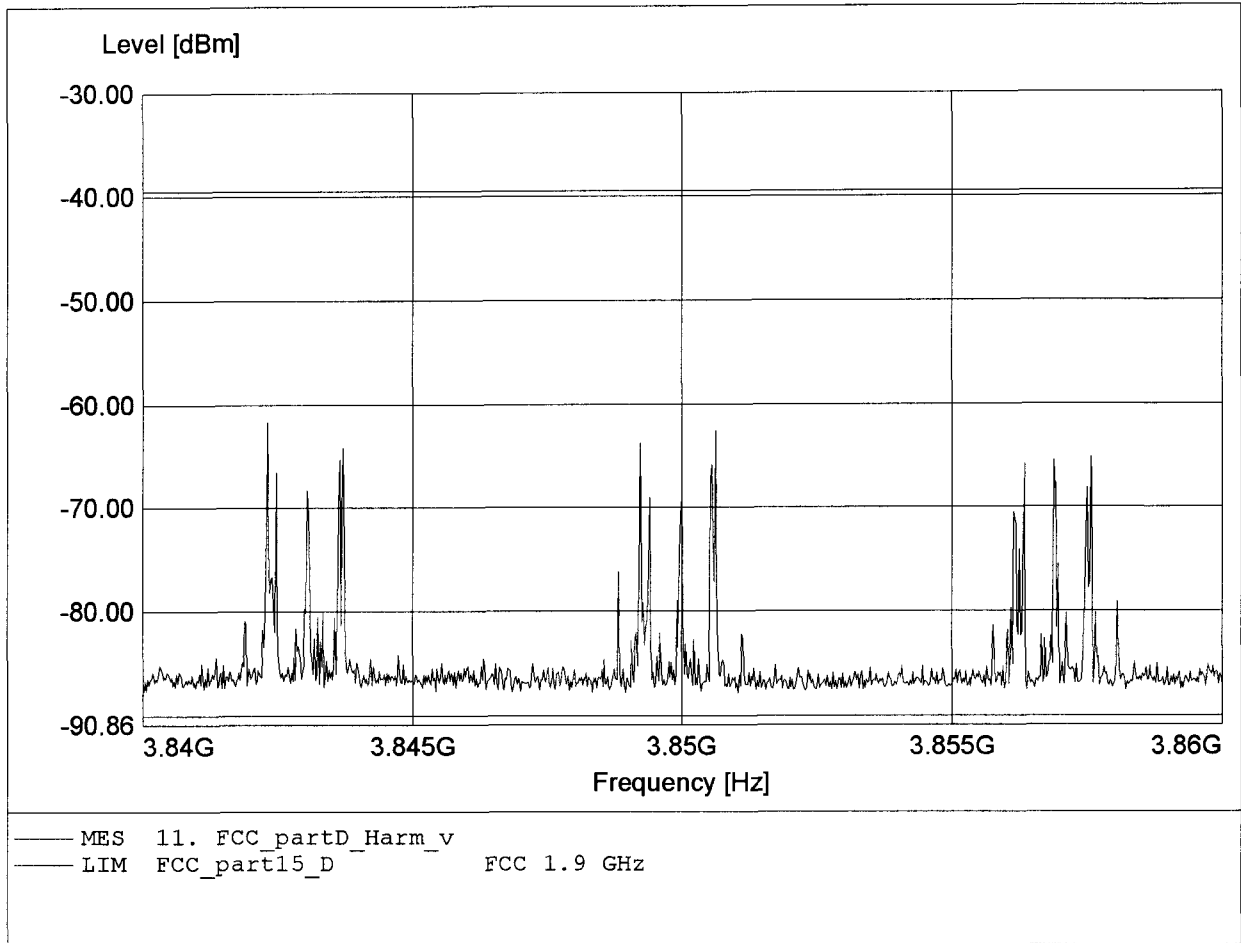
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

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



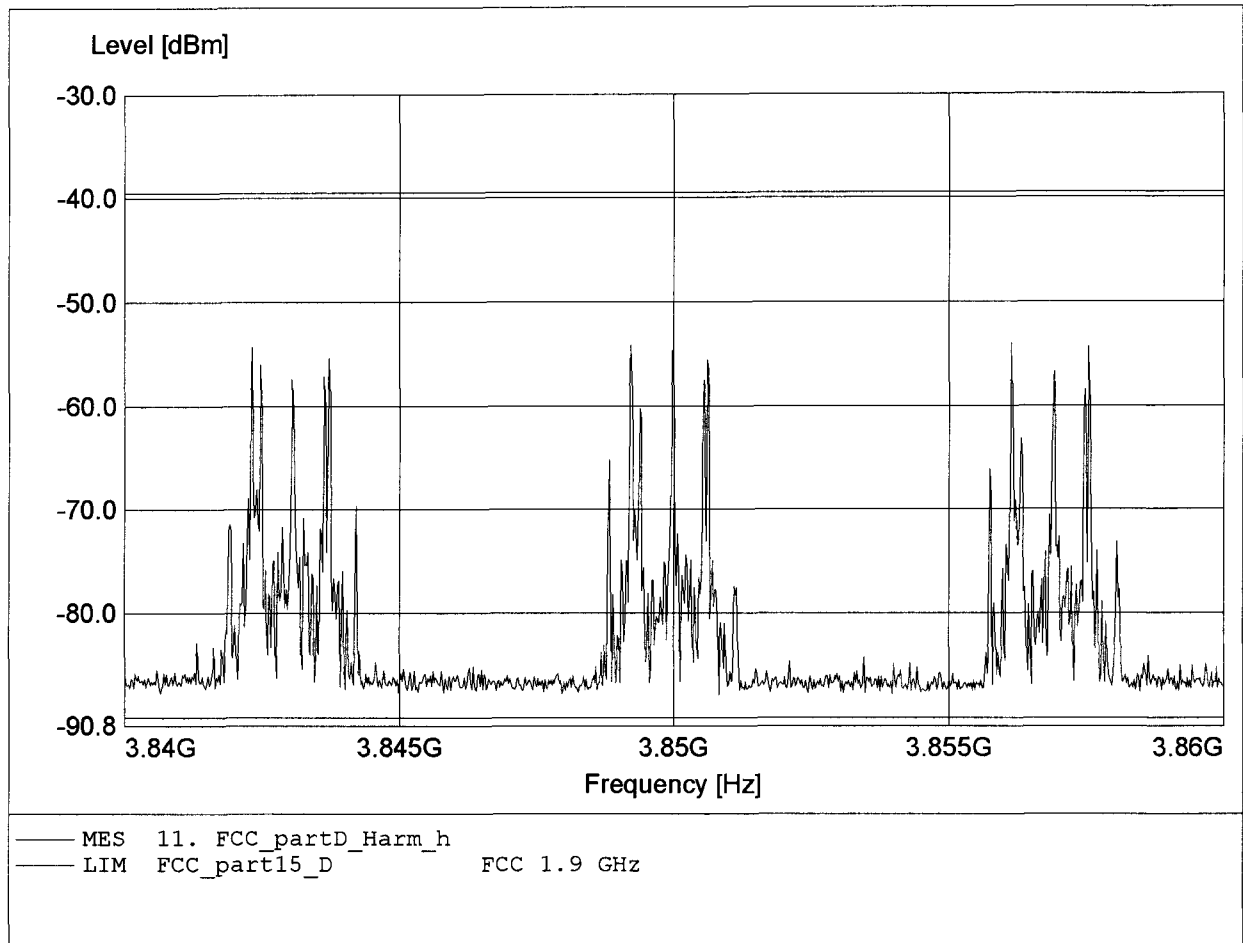
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



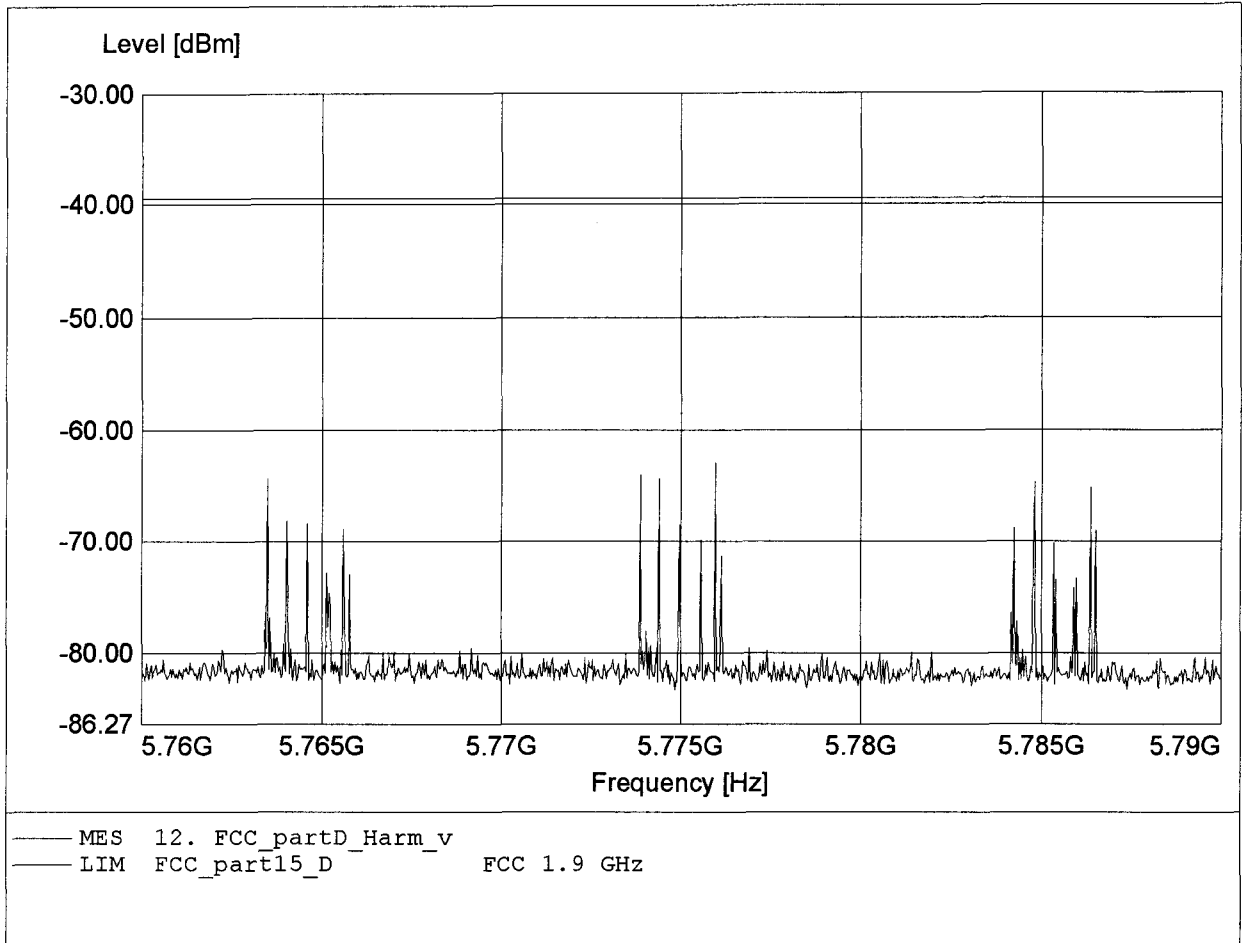
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



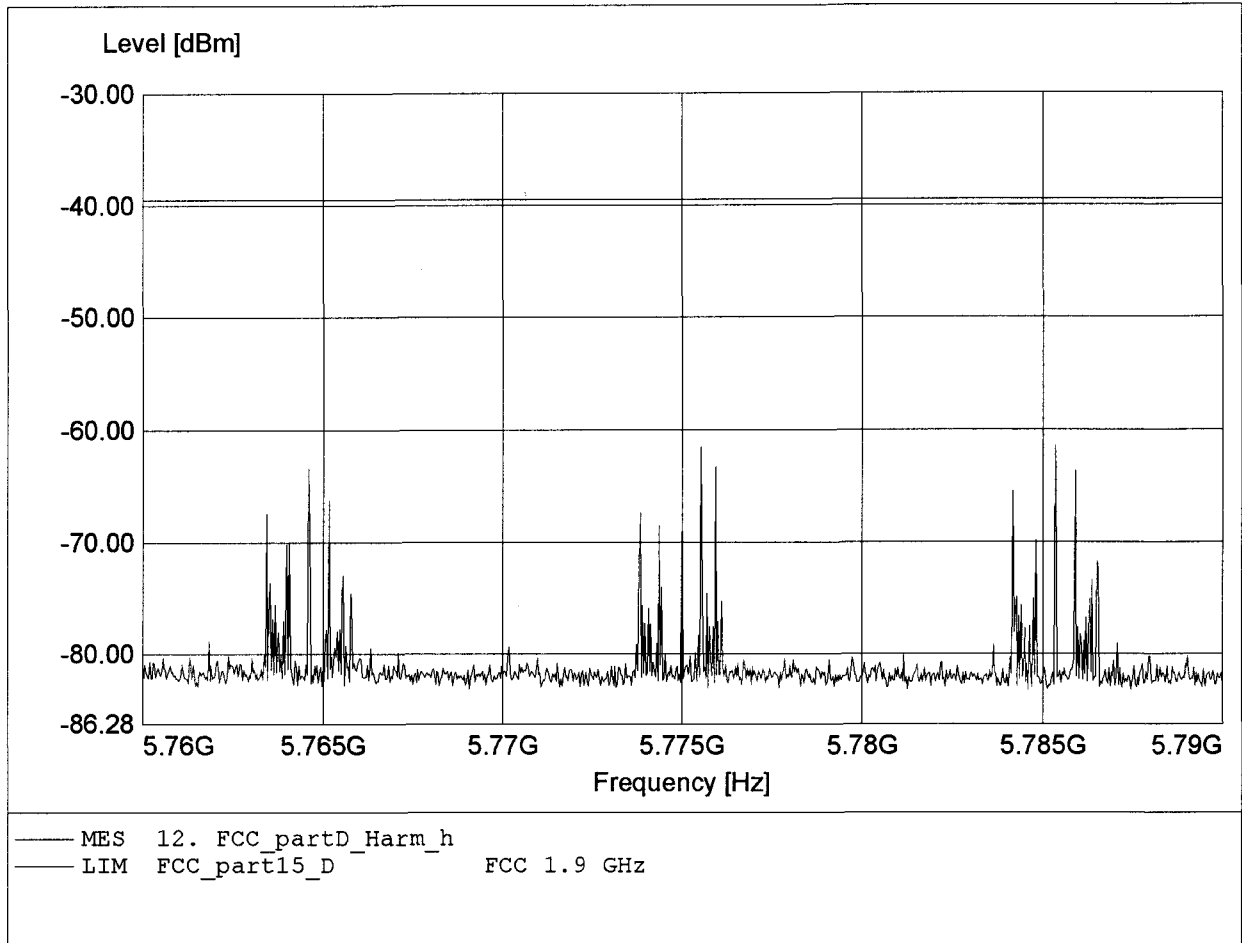
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



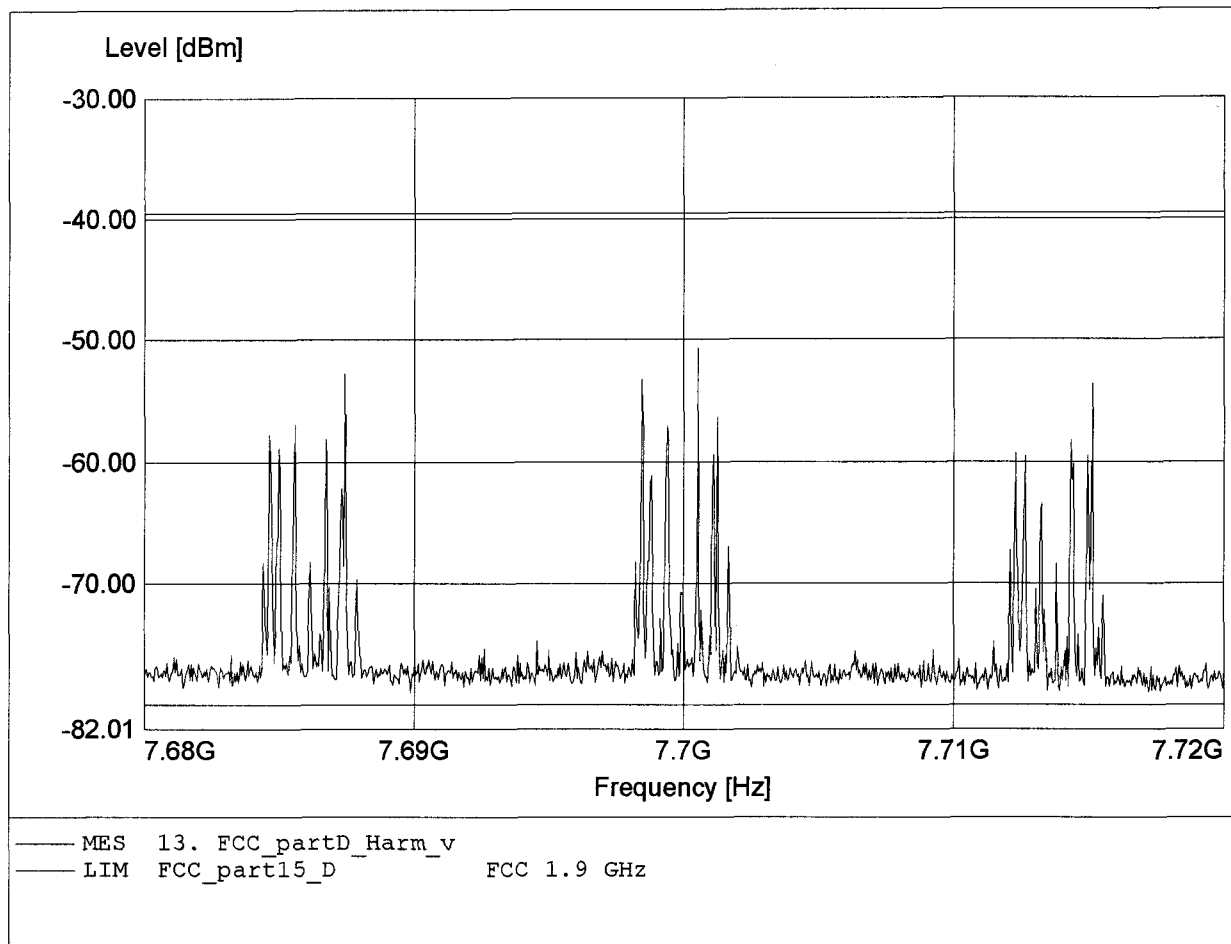
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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:5.785GHz Pmax:-61.44dBm RBW:10 kHz



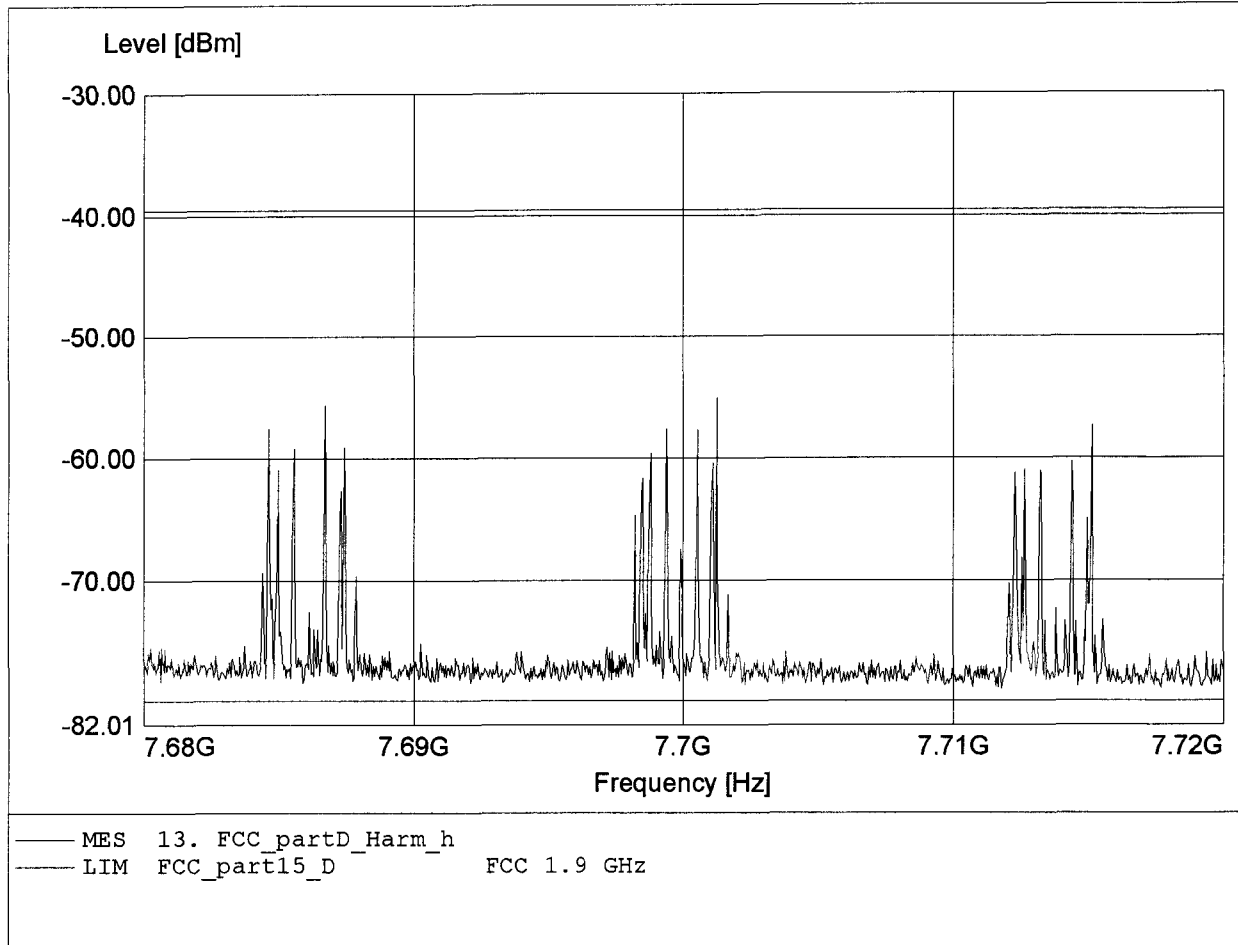
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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:7.701GHz Pmax:-50.74dBm RBW:10 kHz



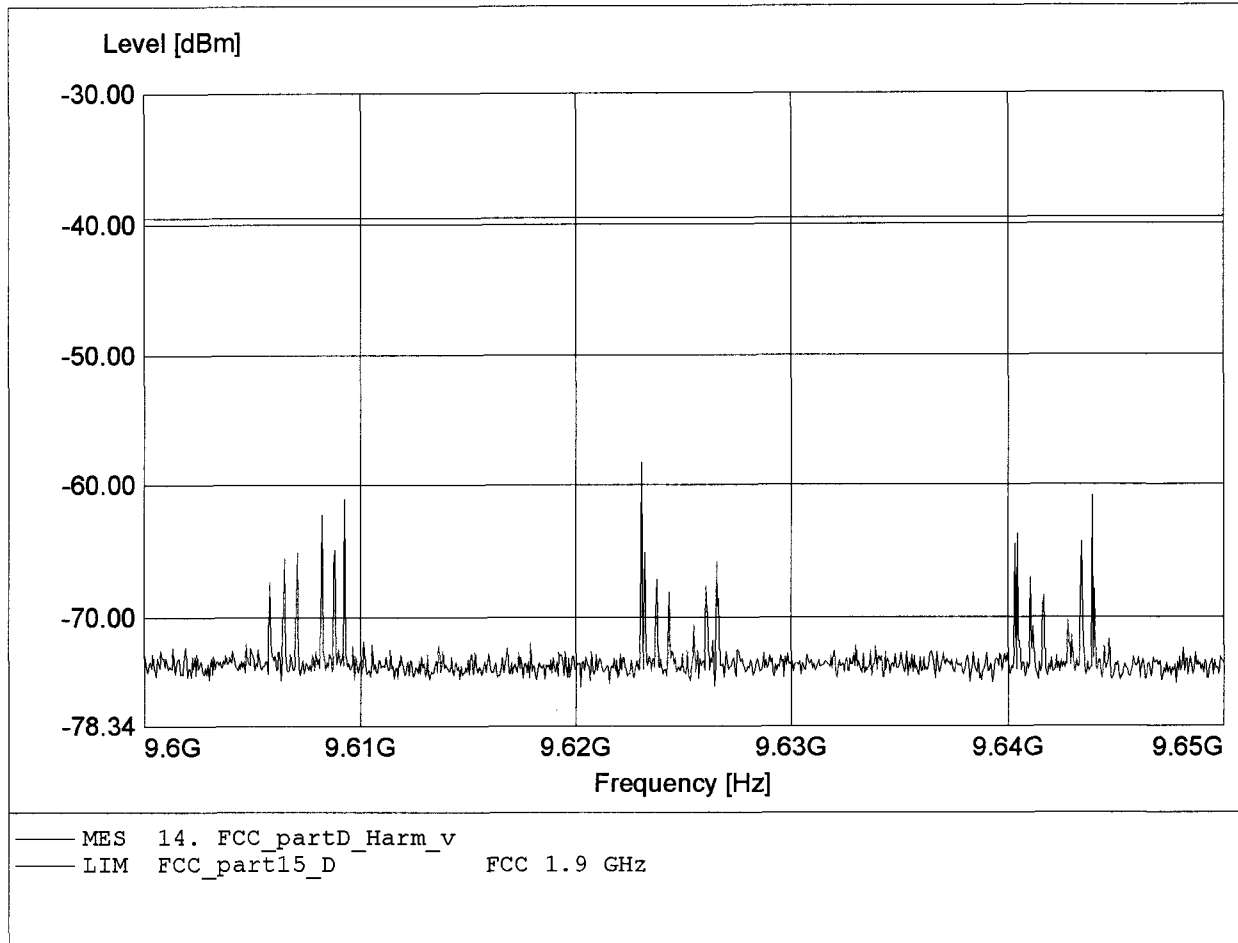
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



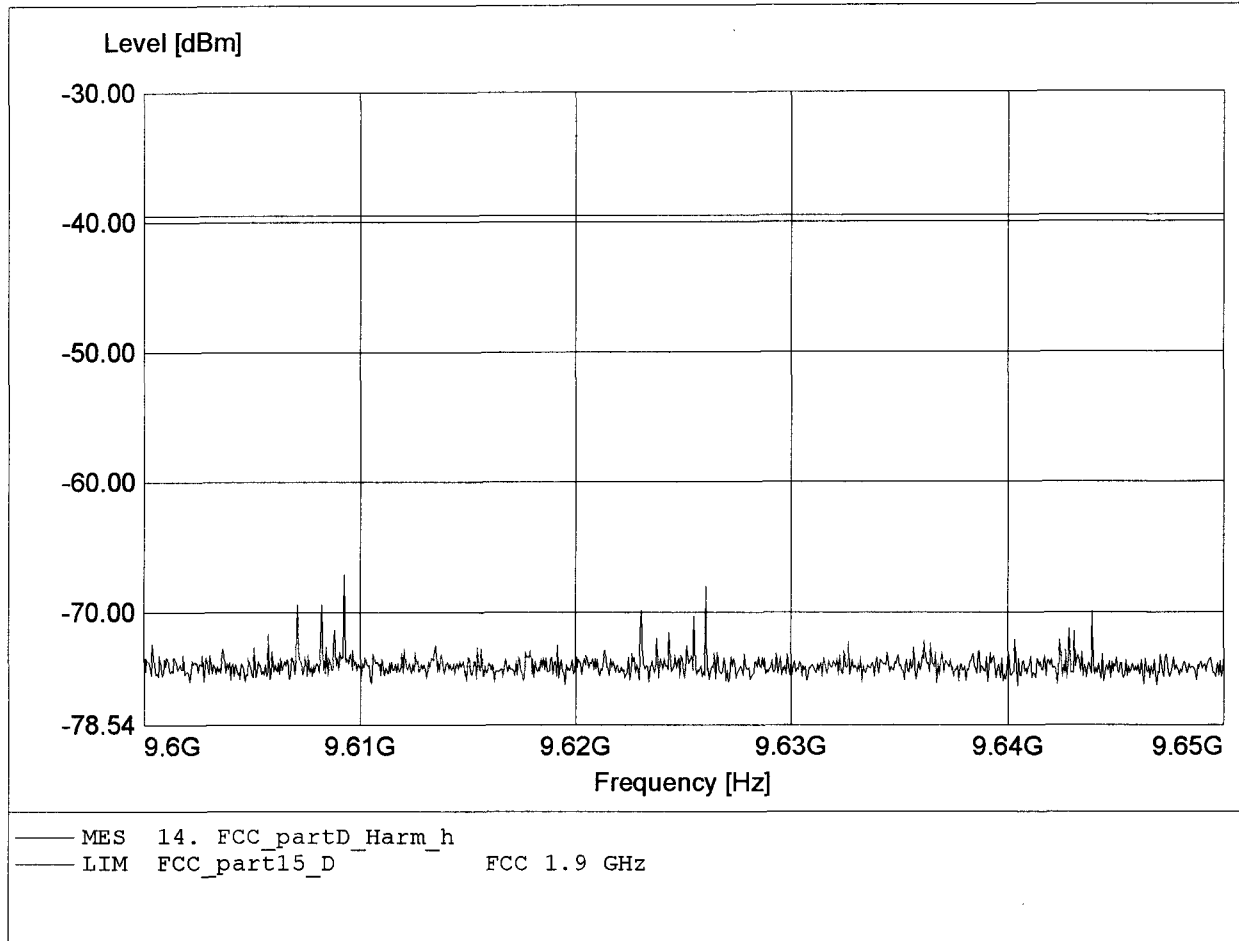
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



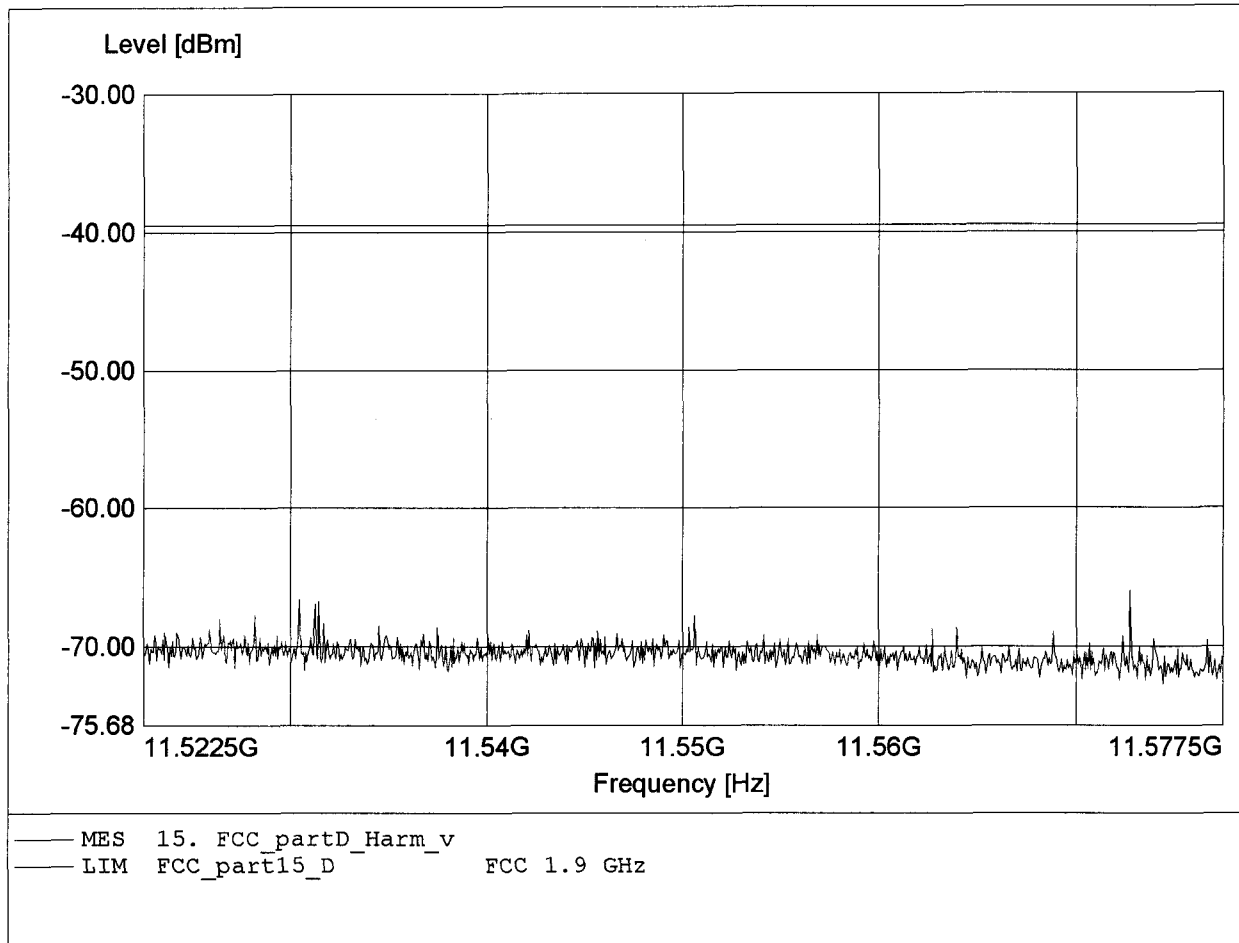
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



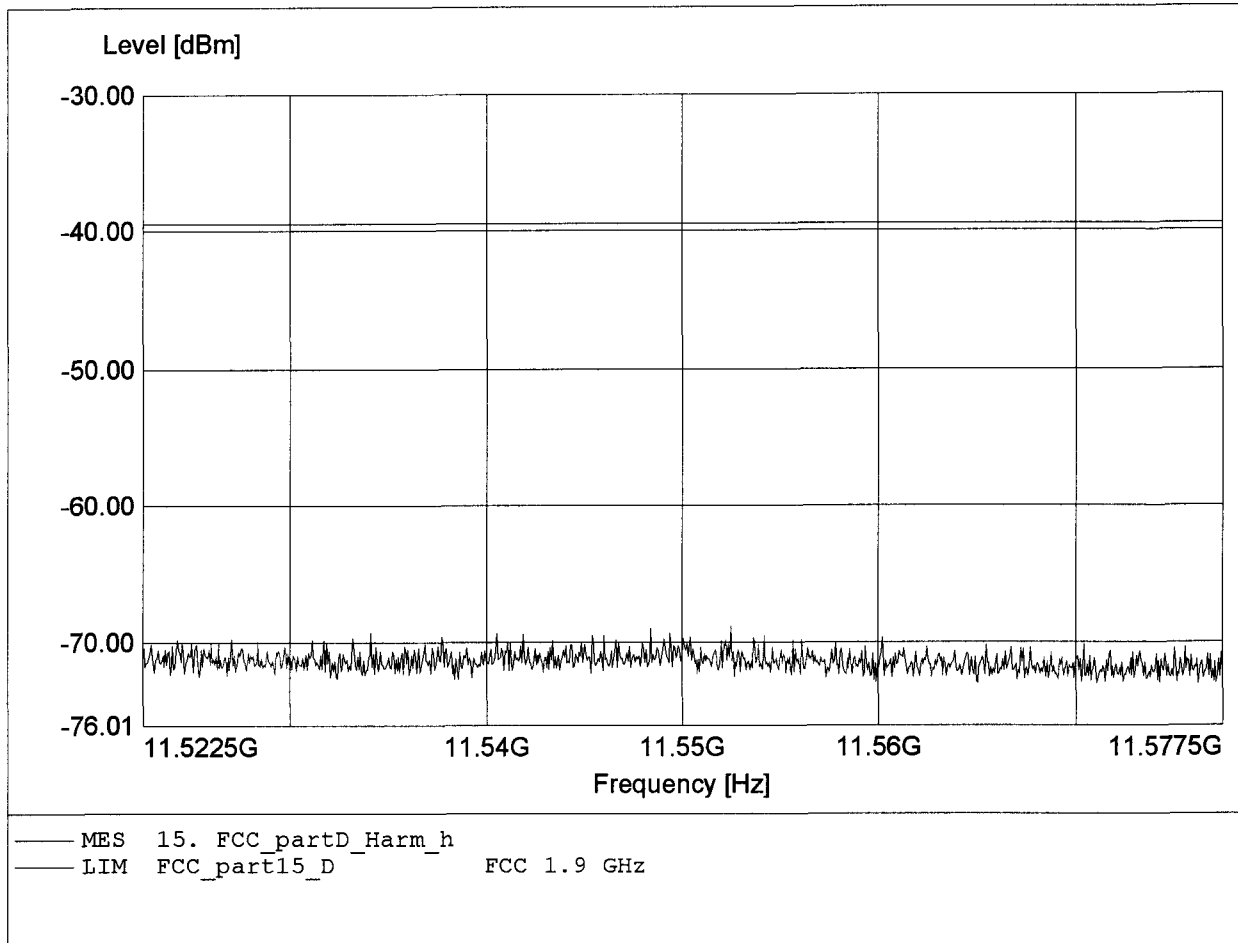
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



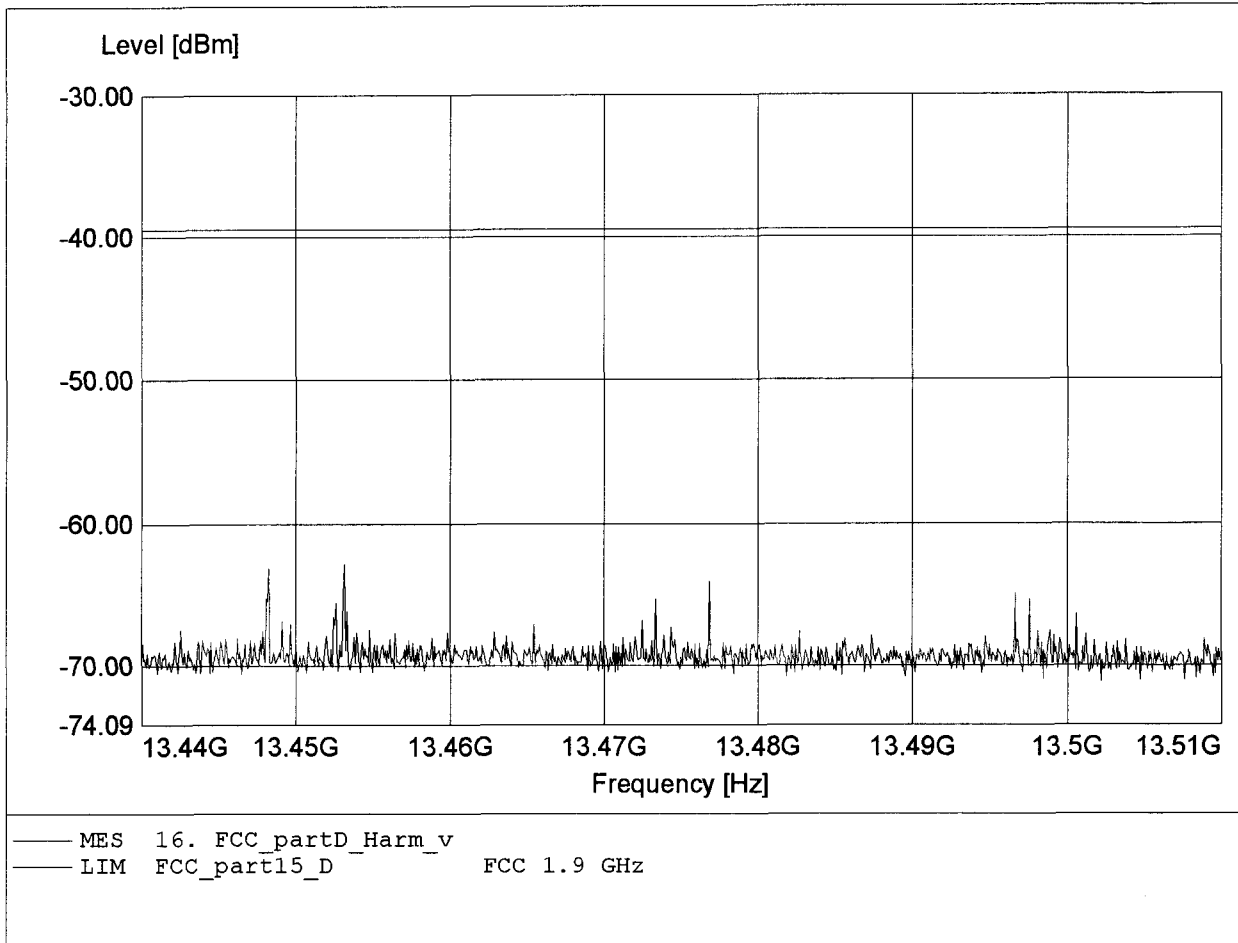
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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:11.553GHz Pmax:-68.82dBm RBW:10 kHz



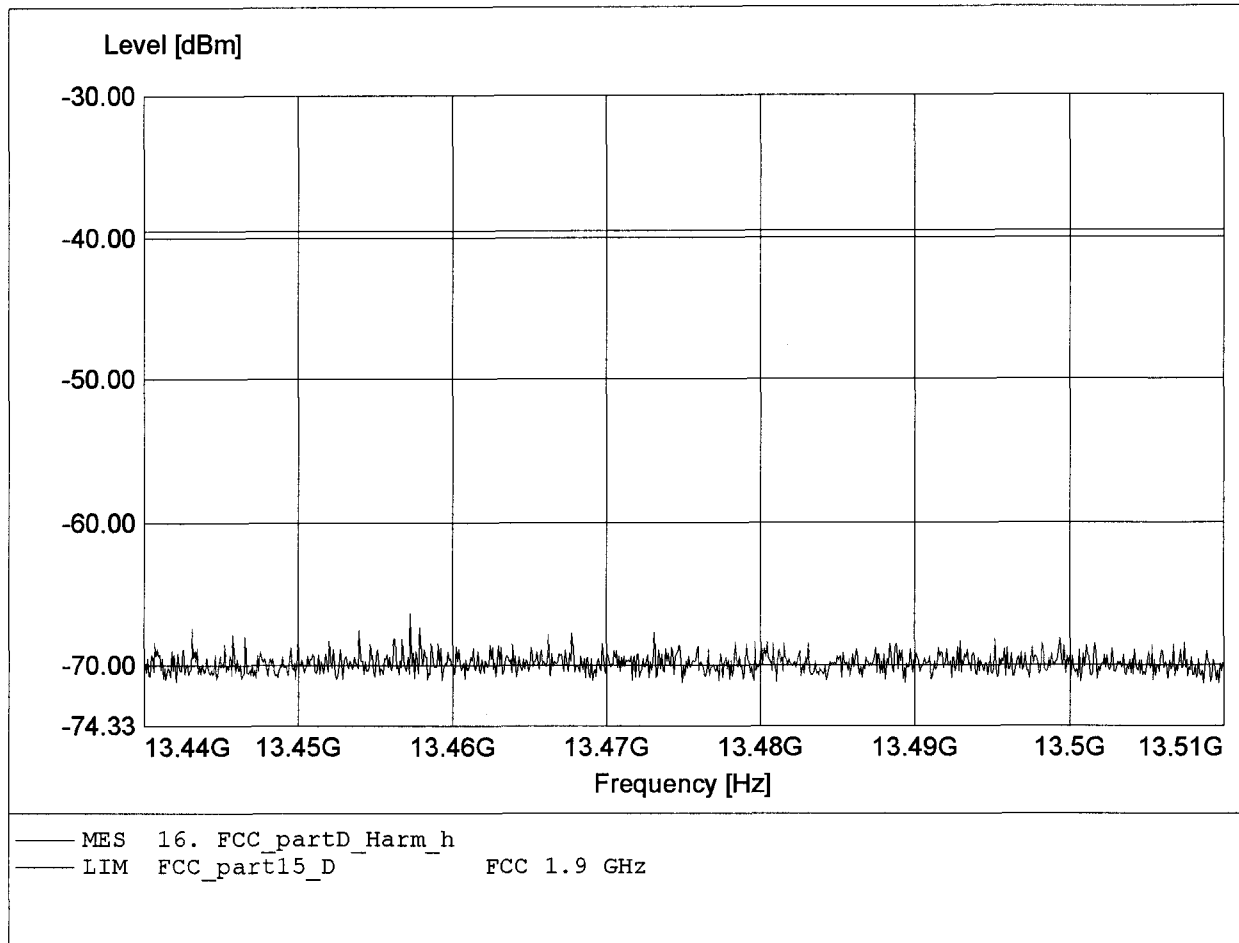
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Gateway RTX3080
Model: RTX3080 / ant.: 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



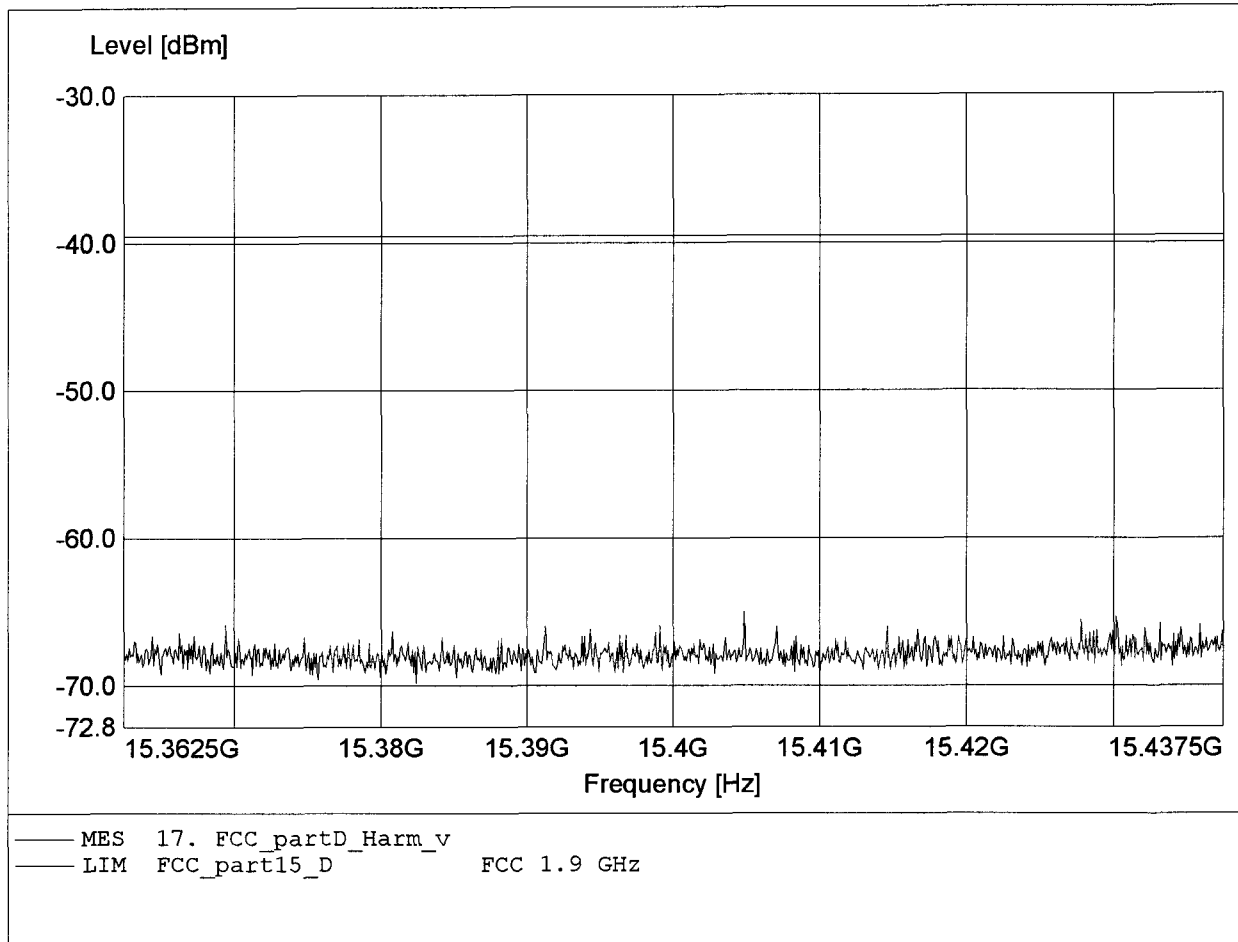
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



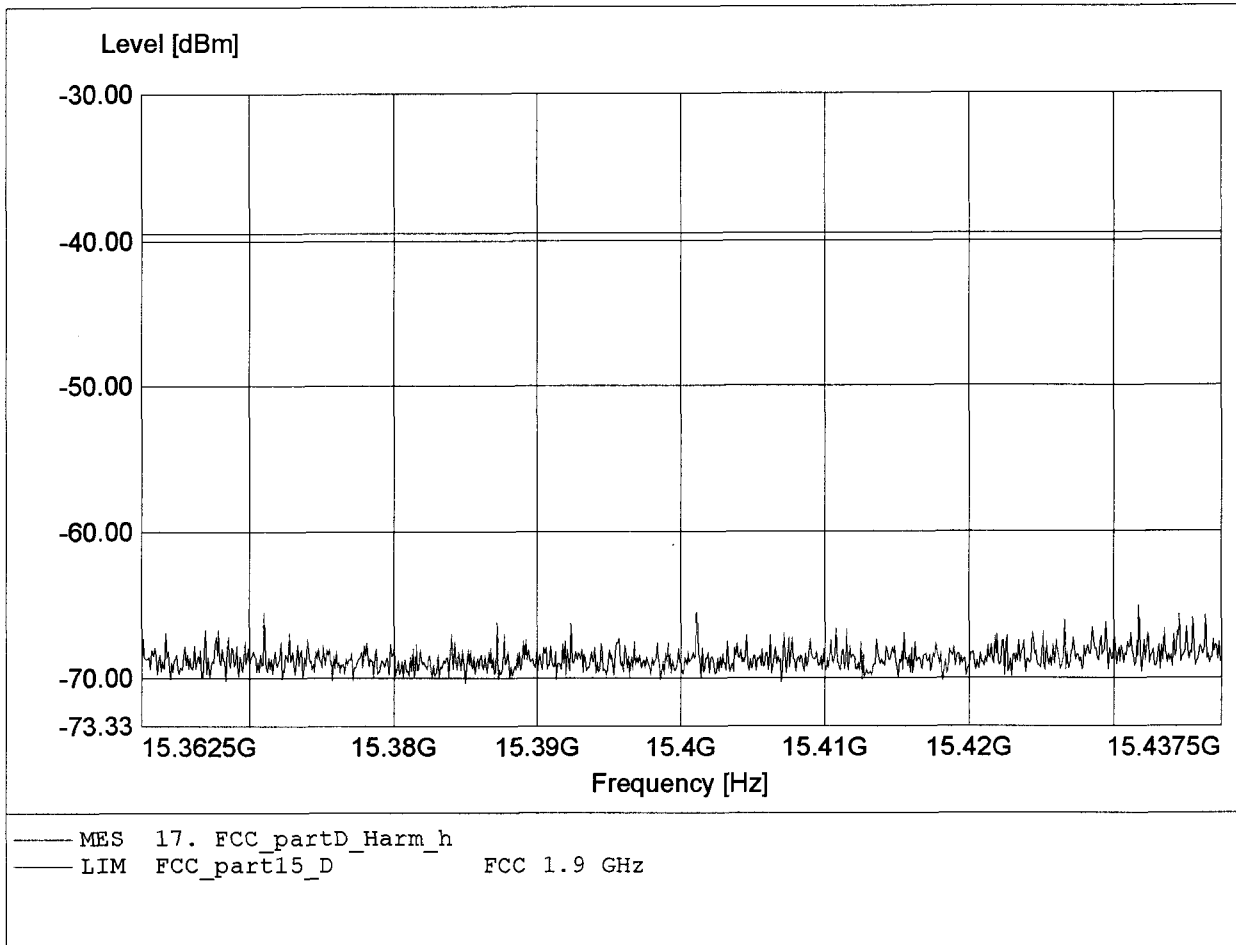
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



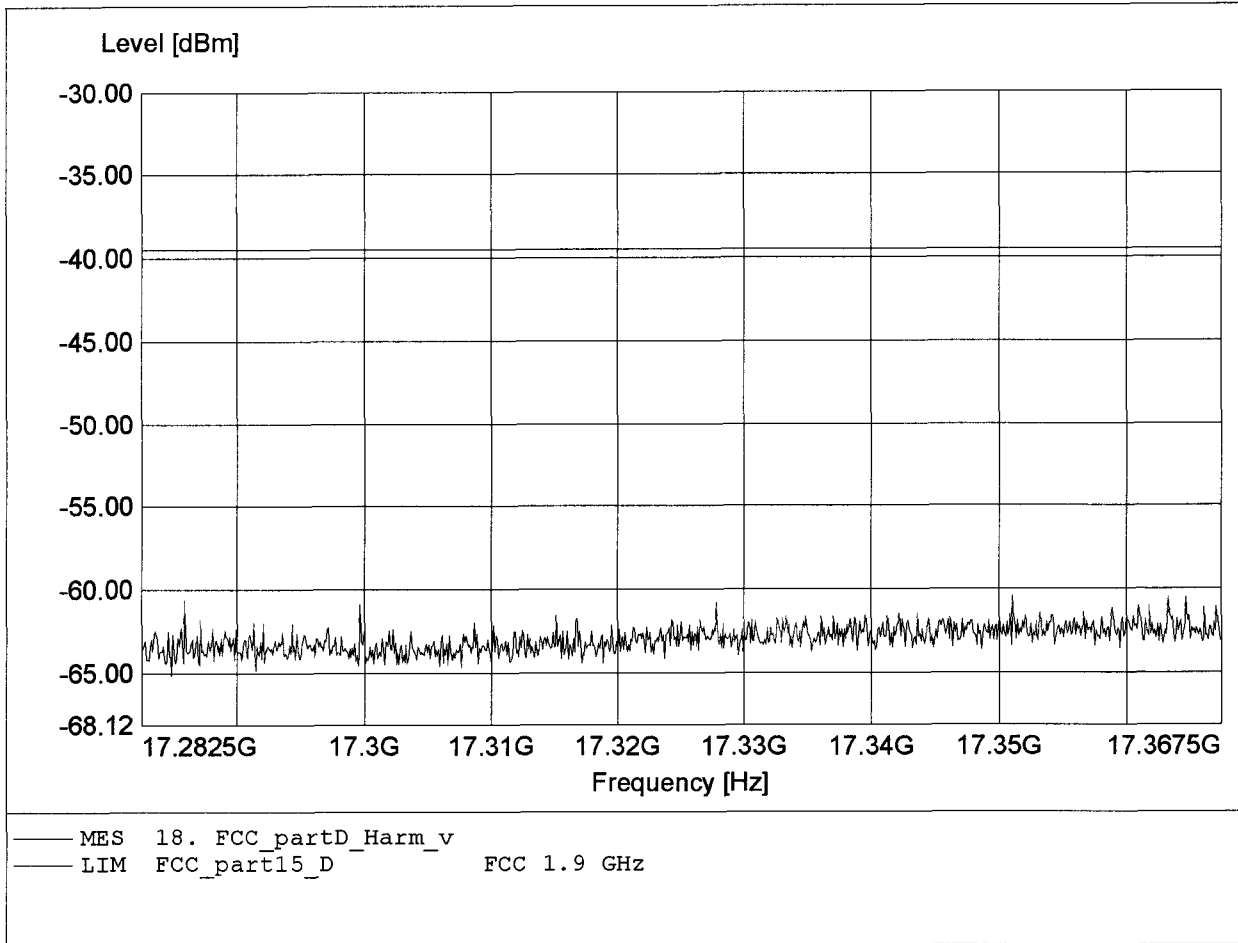
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



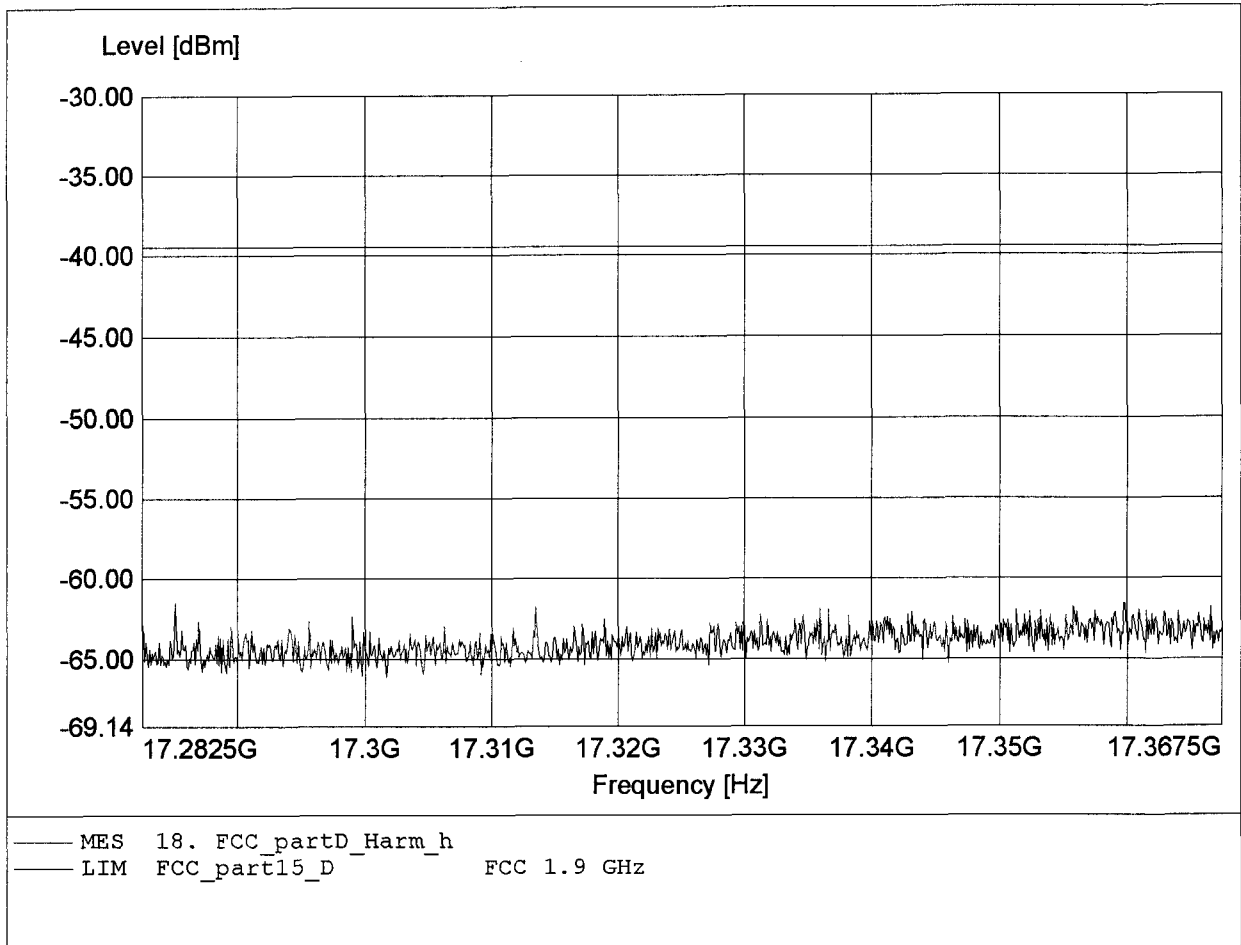
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



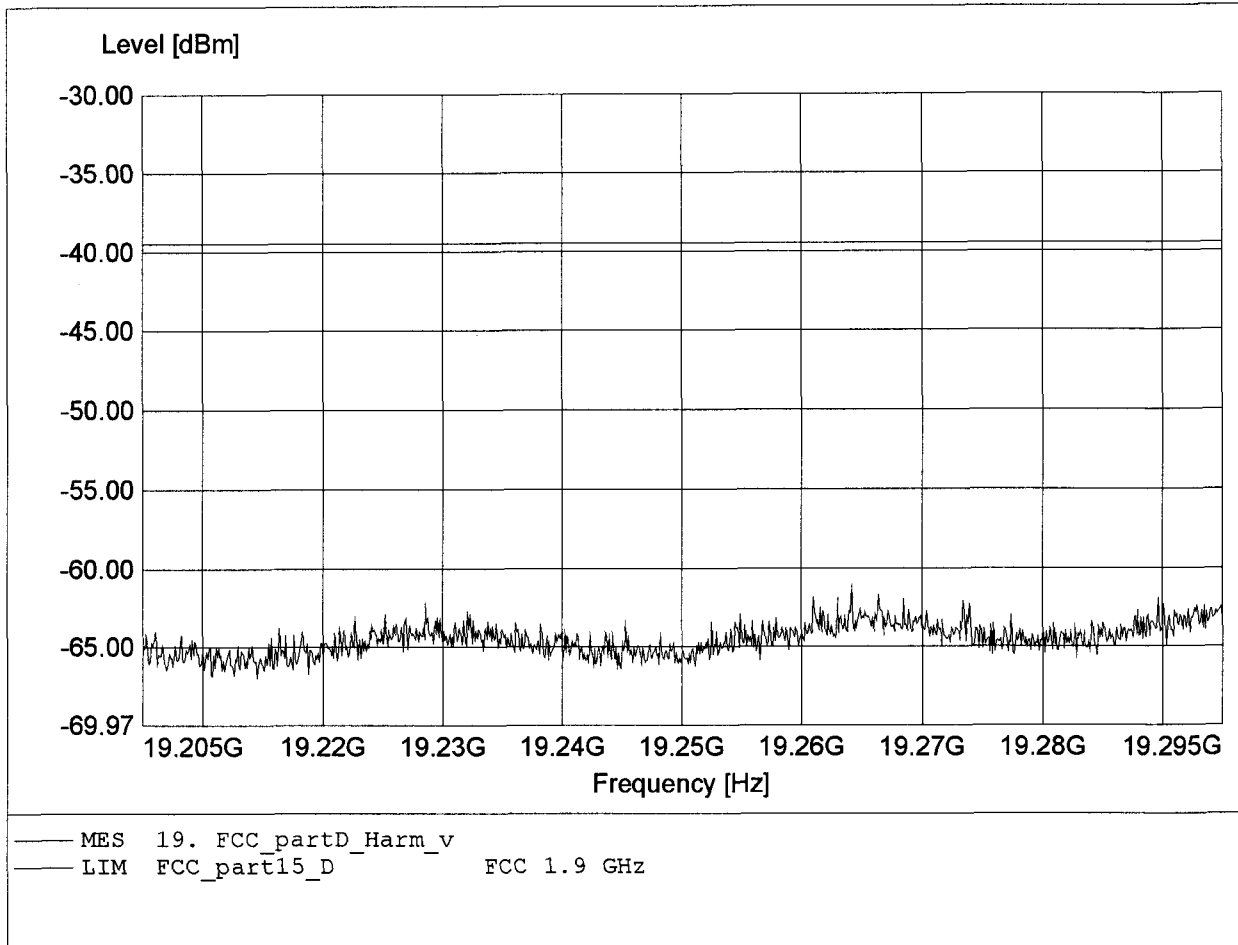
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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



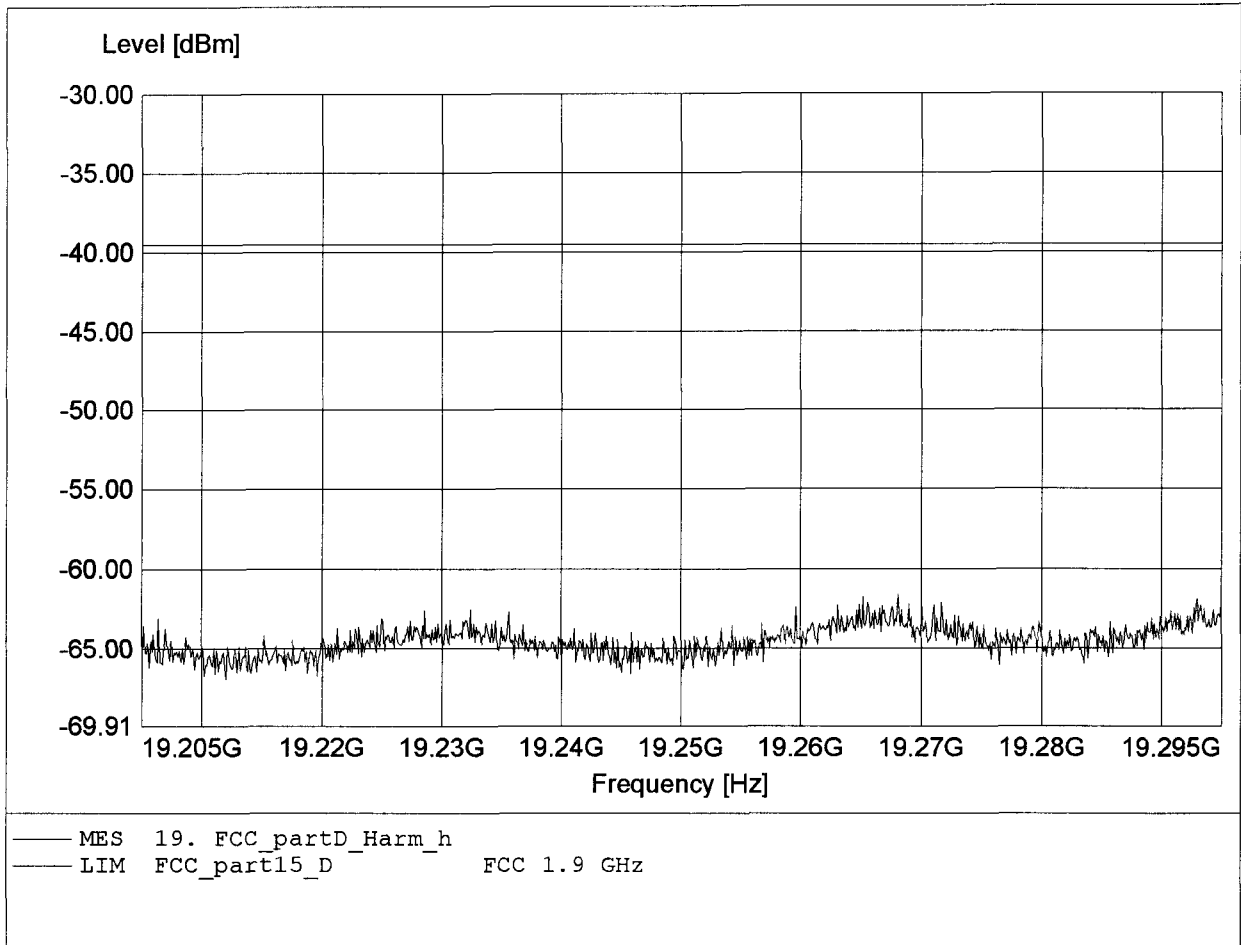
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

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 Sect

Measurement results Fixed Part

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

Frame Repetition Stability

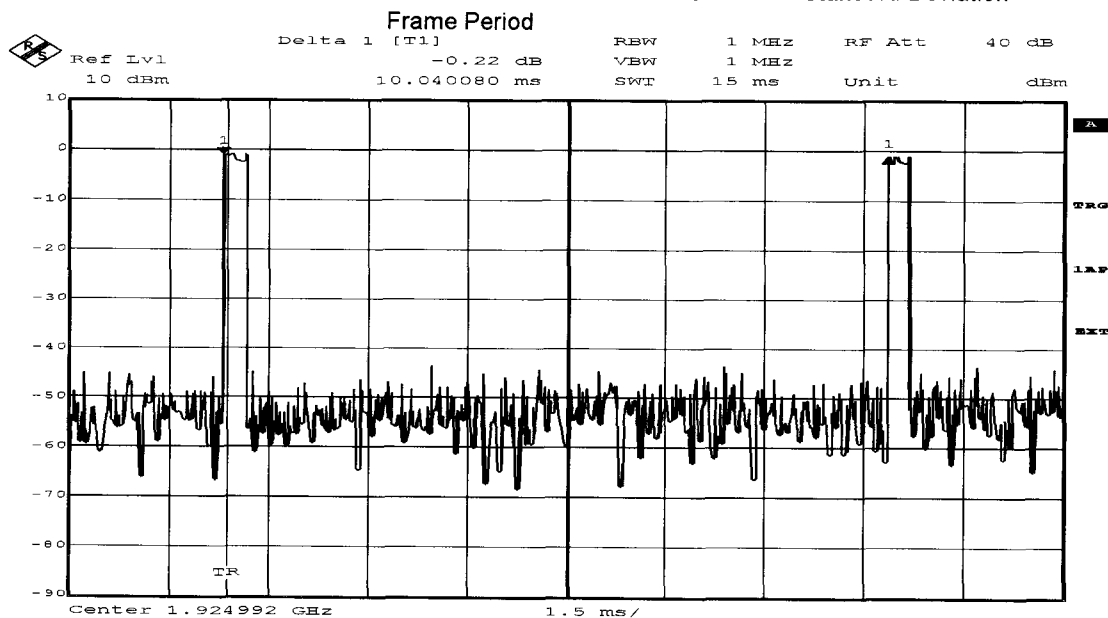
Frequency (MHz)	Standard Deviation (Hz)	Mean (Hz)	Frame Repetition Stability (ppm)
1924.992	2.35392E-05	99.99992405	0.706

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

Jitter Measurement

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

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

