

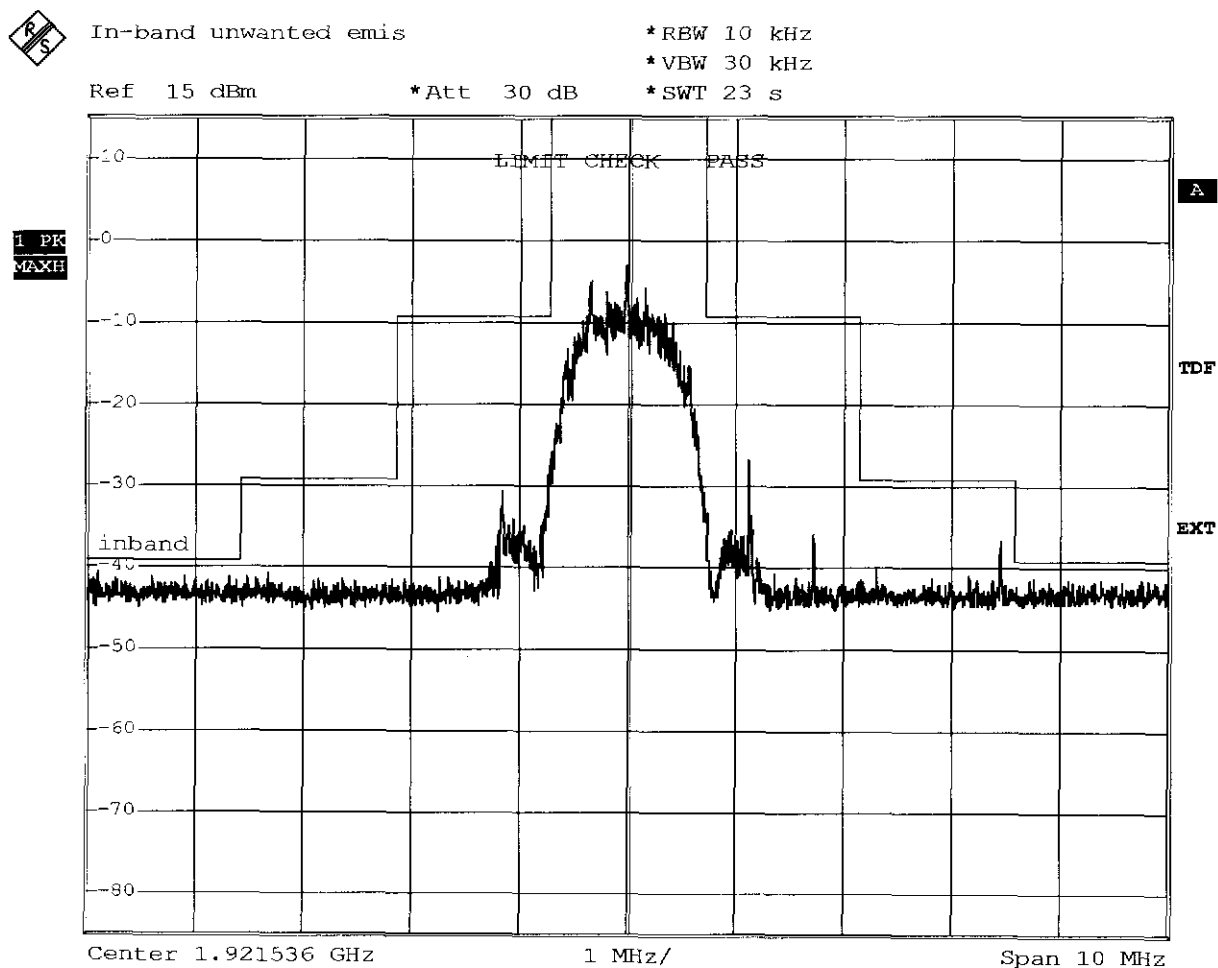
Appendix S

Emissions inside and outside the sub-band

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

Test procedure ANSI 63.17-1998 6.1.6.1
UPCS

EUT	Handset 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	1.428MHz



Comment: Ansi C63.17-1998 6.1.6.1
Date: 16.AUG.2005 15:21:42

Measurement diagram

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

Test procedure ANSI 63.17-1998 6.1.6.1 UPCS

EUT	Handset 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	1.428MHz



In-band unwanted emis

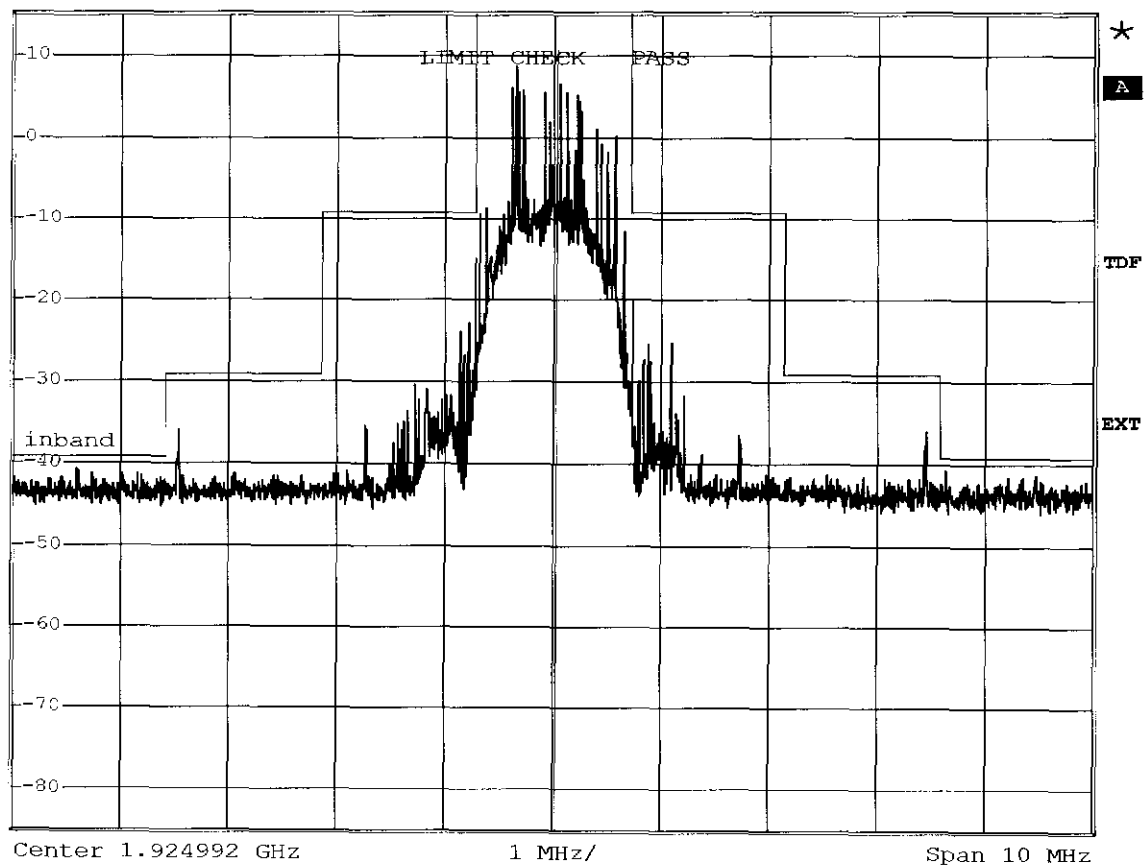
*RBW 10 kHz

*VBW 30 kHz

*SWT 23 s

Ref 15 dBm

*Att 30 dB

1 PK
MAXH

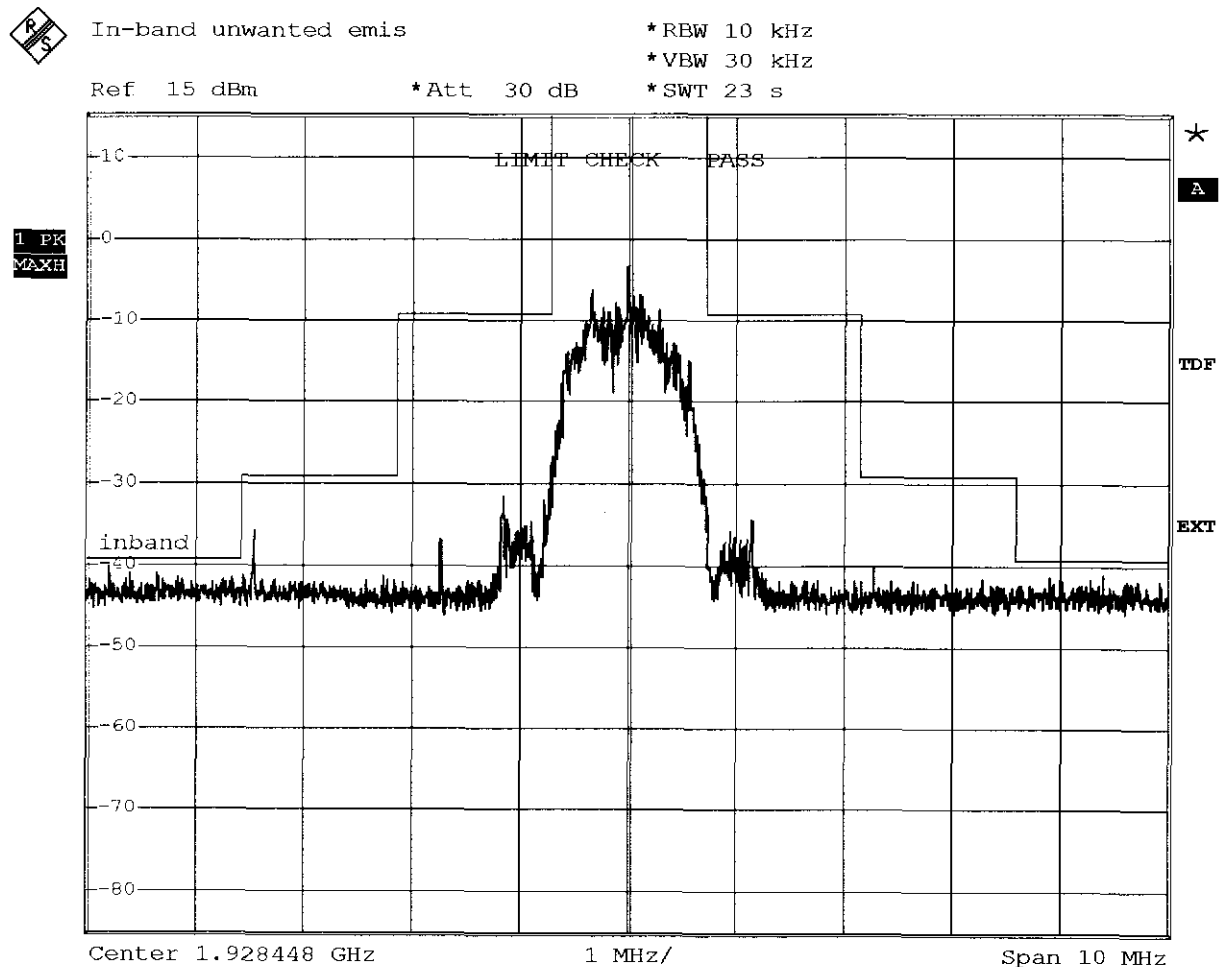
Comment: Ansi C63.17-1998 6.1.6.1

Date: 16.AUG.2005 15:24:21

Measurement diagram

Test procedure ANSI 63.17-1998 6.1.6.1 UPCS

EUT Model	Handset 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	1.428MHz



Comment: Ansi C63.17-1998 6.1.6.1
Date: 16.AUG.2005 15:25:24

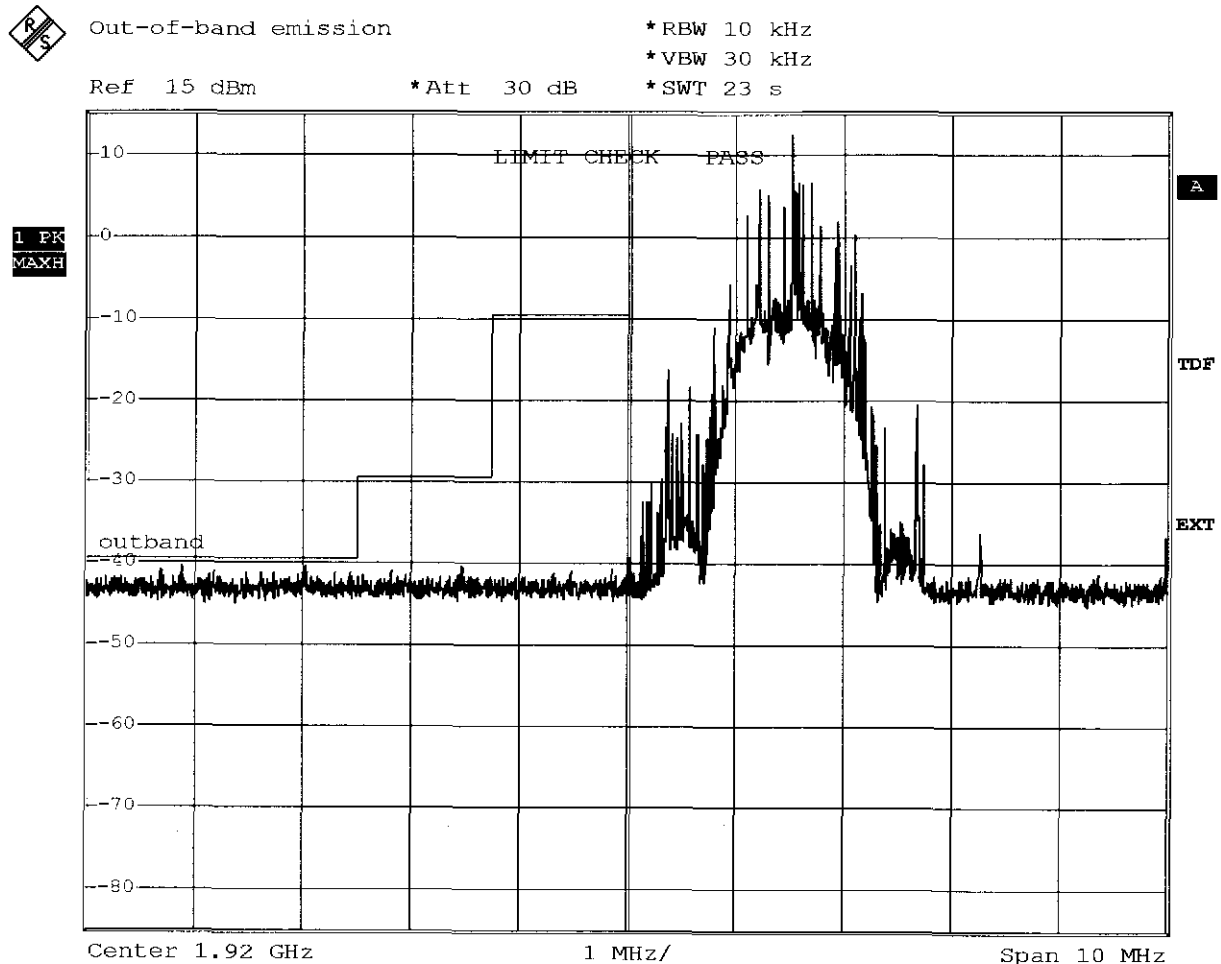
Measurement diagram

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

Test procedure ANSI 63.17-1998 6.1.6.2 UPCS

EUT	Handset 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



Comment: Ansi C63.17-1998 6.1.6.2
Date: 16.AUG.2005 15:31:14

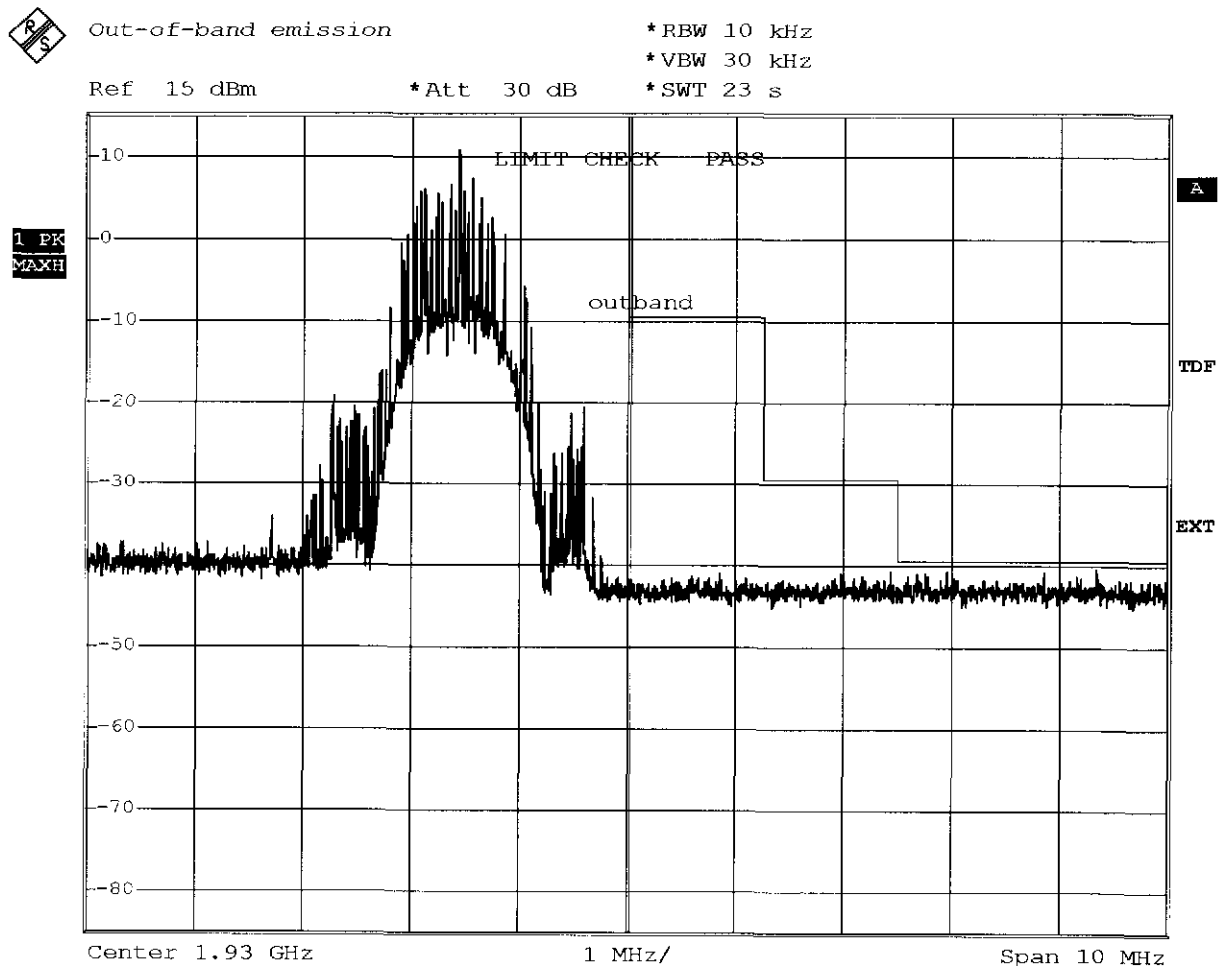
Measurement diagram

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

Test procedure ANSI 63.17-1998 6.1.6.2 UPCS

EUT	Handset 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

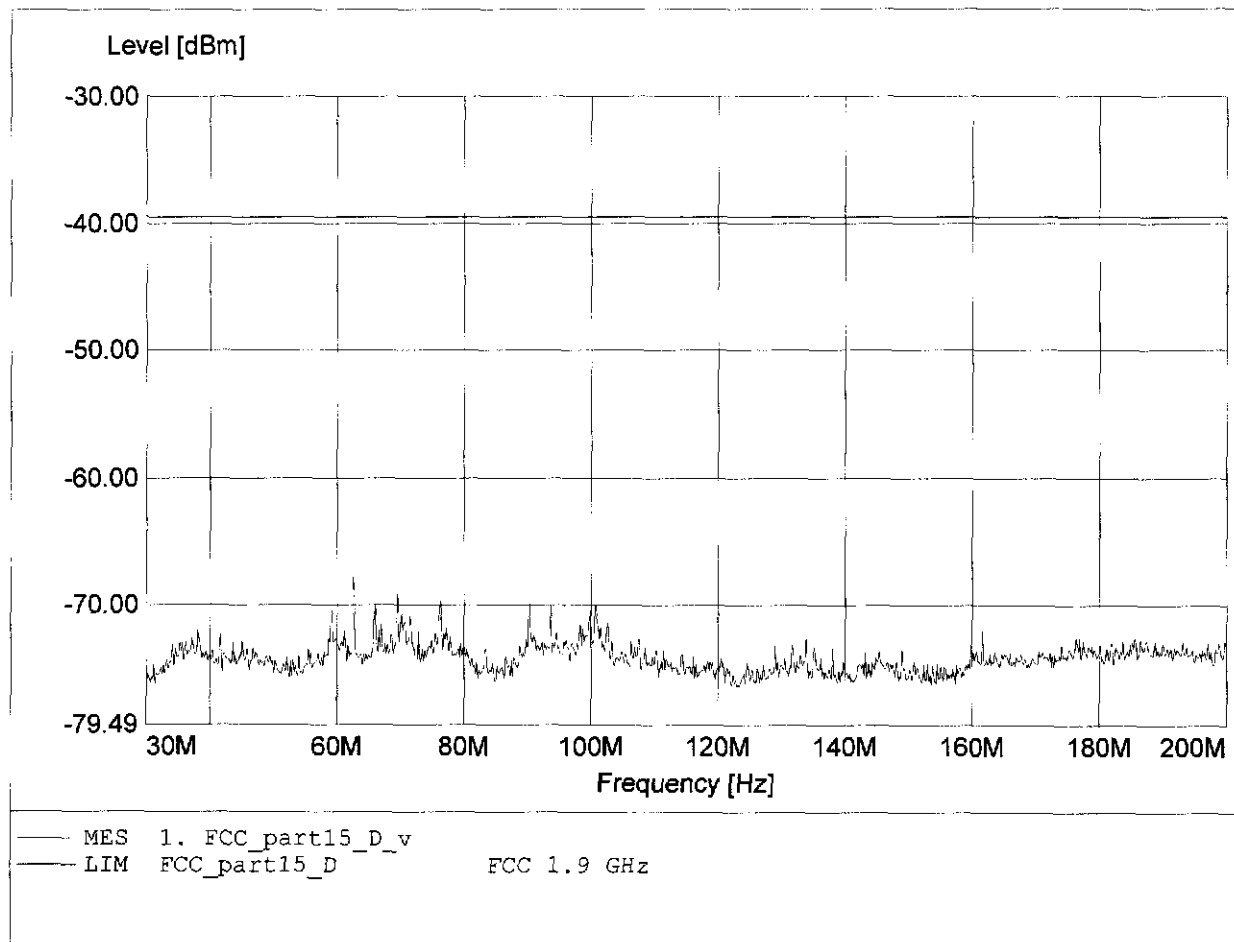


Comment: Ansi C63.17-1998 6.1.6.2
Date: 16.AUG.2005 15:29:33

Measurement diagram

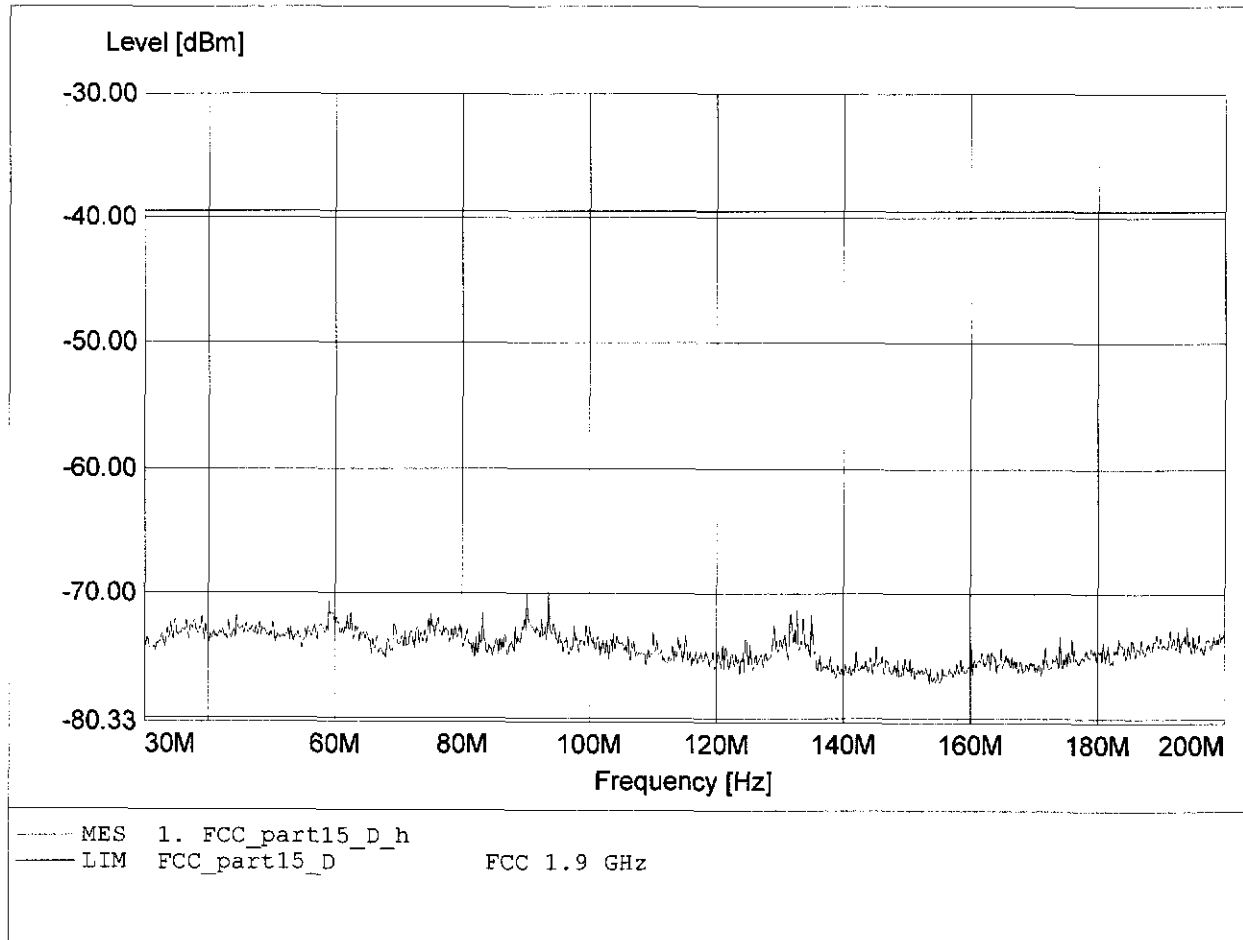
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: HK 116,
Comment 2: Freq:62.489MHz Pmax:-67.70dBm RBW: 100 kHz



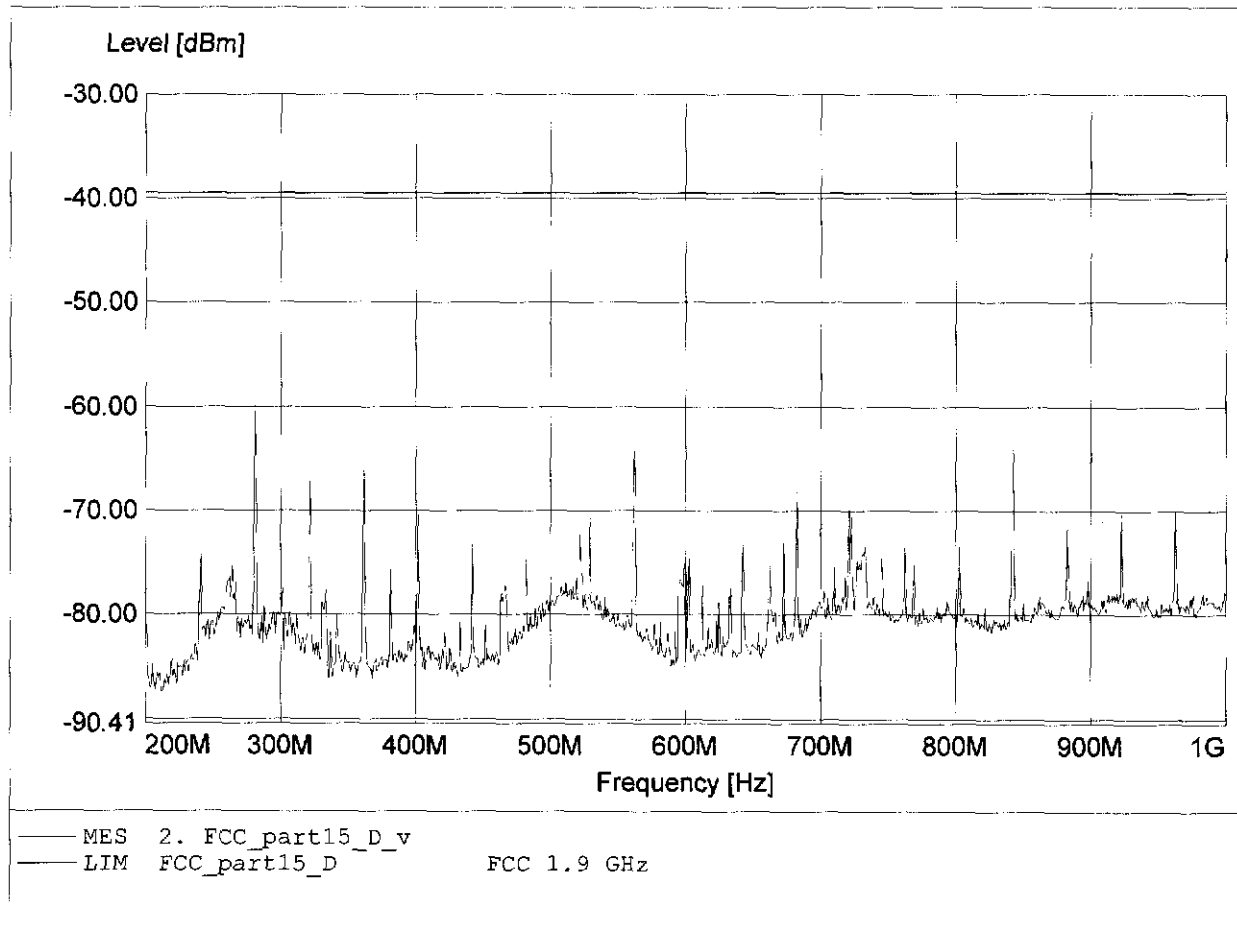
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: HK 116,
Comment 2: Freq:93.656MHz Pmax:-69.60dBm RBW: 100 kHz



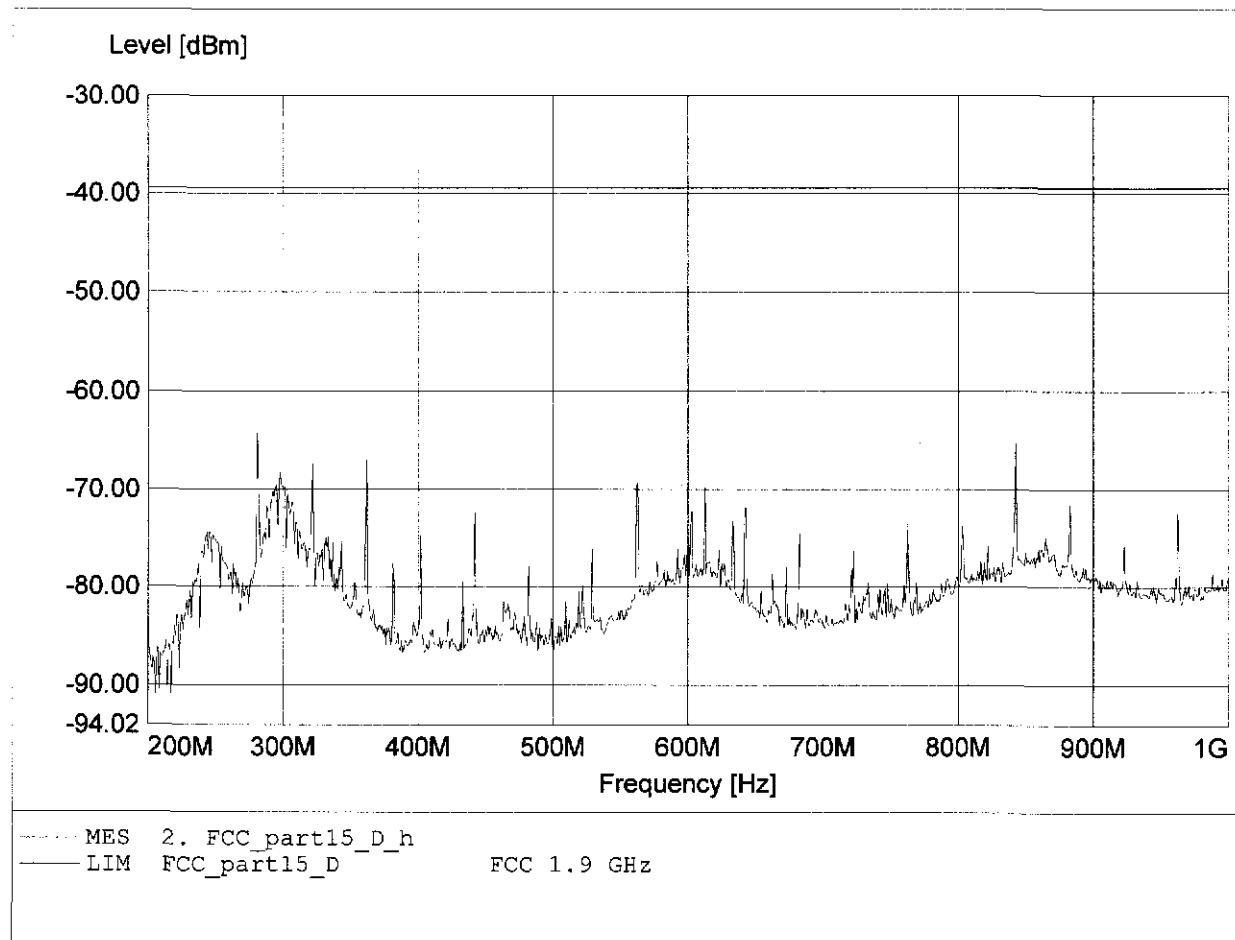
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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 223, ampl.
Comment 2: Freq:280.889MHz Pmax:-59.51dBm RBW: 100 kHz



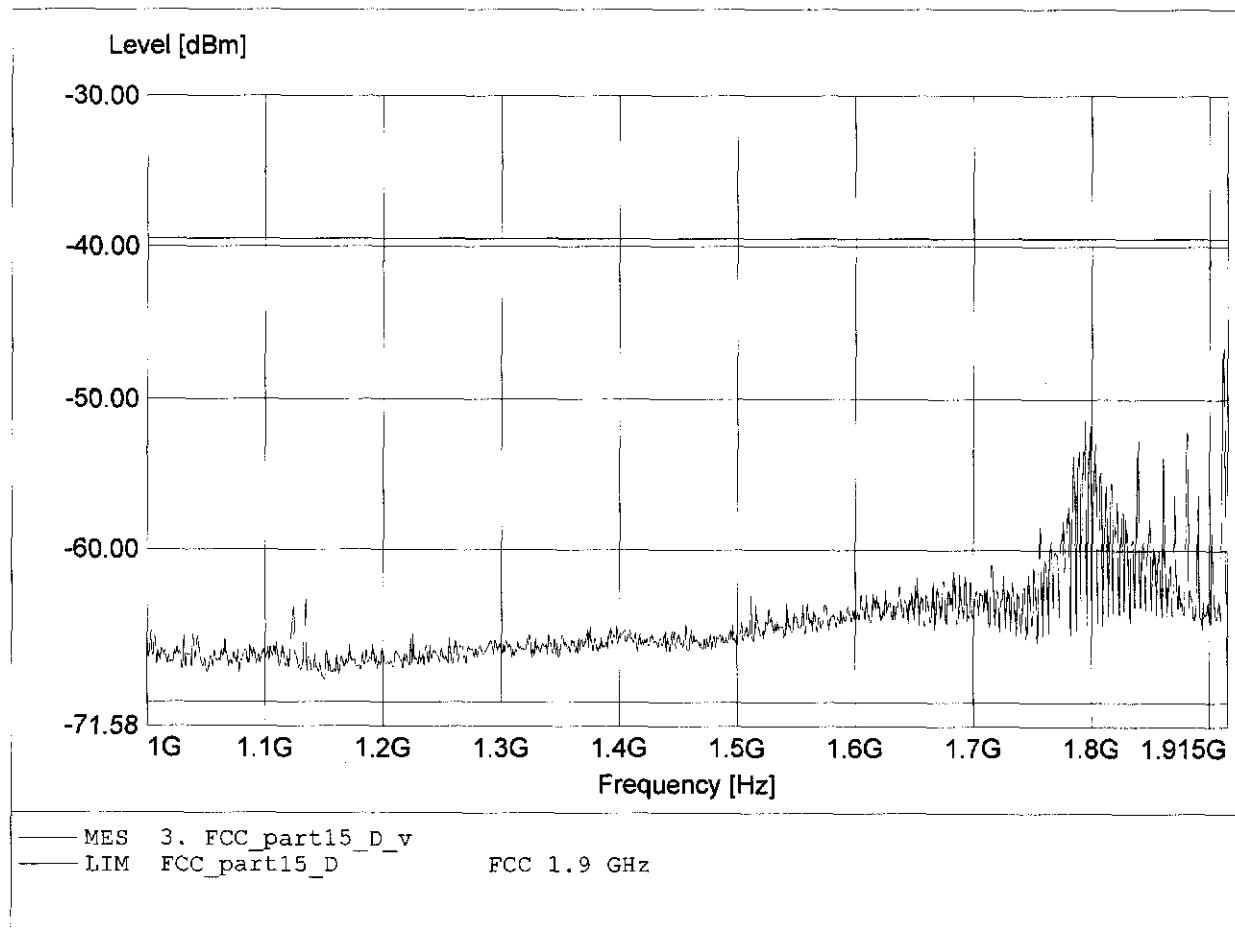
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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 223, ampl.
Comment 2: Freq:842.667MHz Pmax:-63.63dBm RBW: 100 kHz



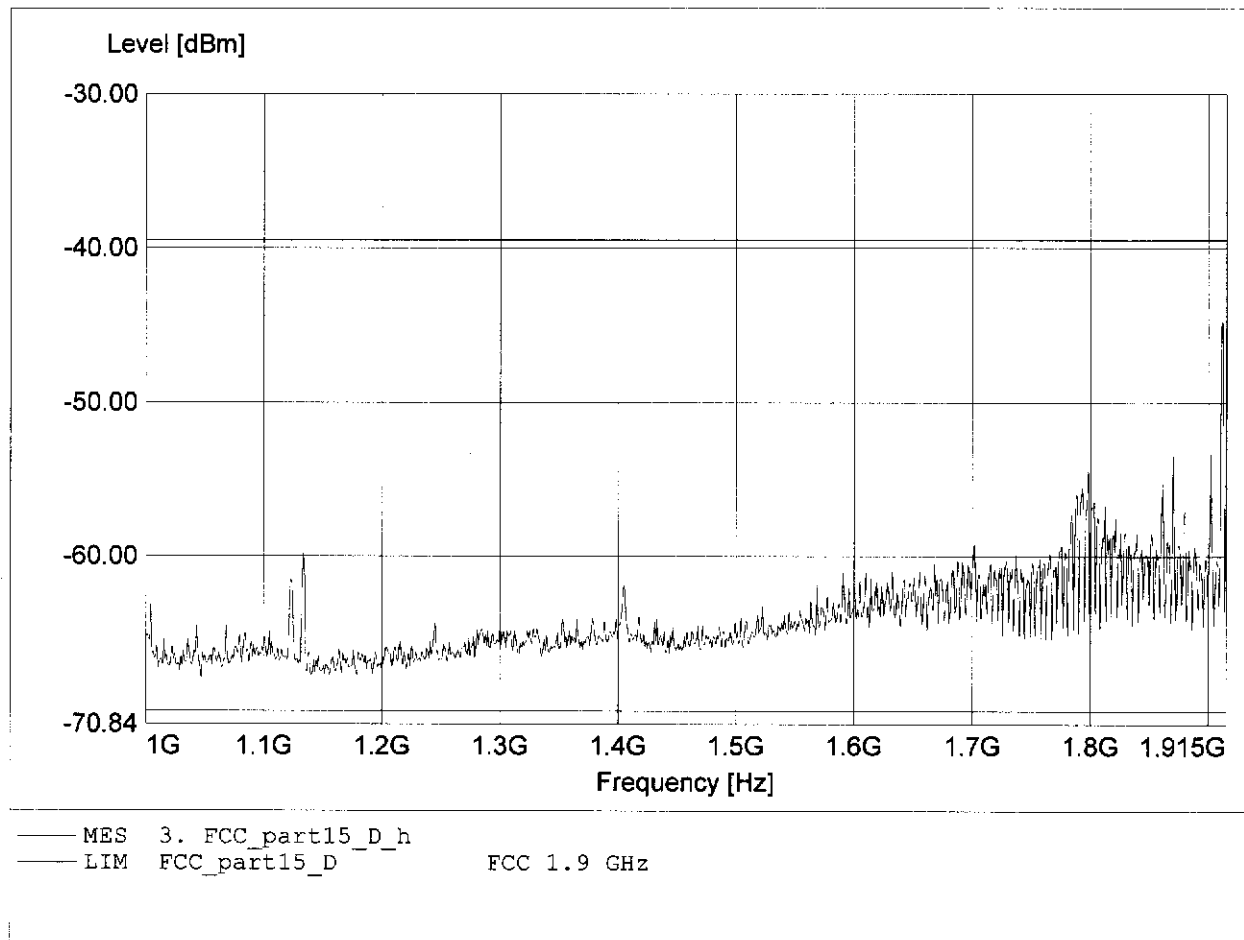
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.912GHz Pmax:-46.60dBm RBW: 1 MHz



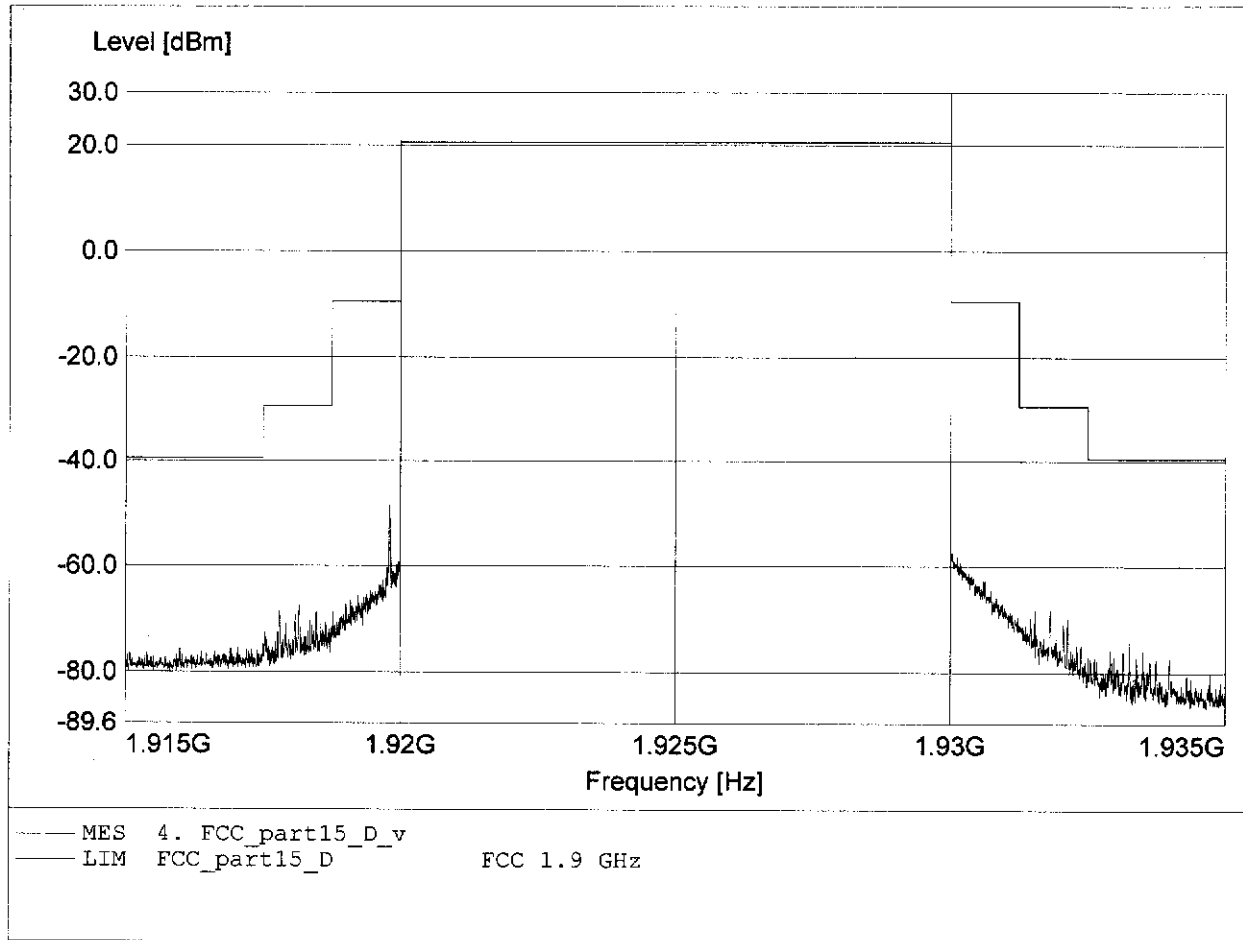
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.915GHz Pmax:-43.22dBm RBW: 1 MHz



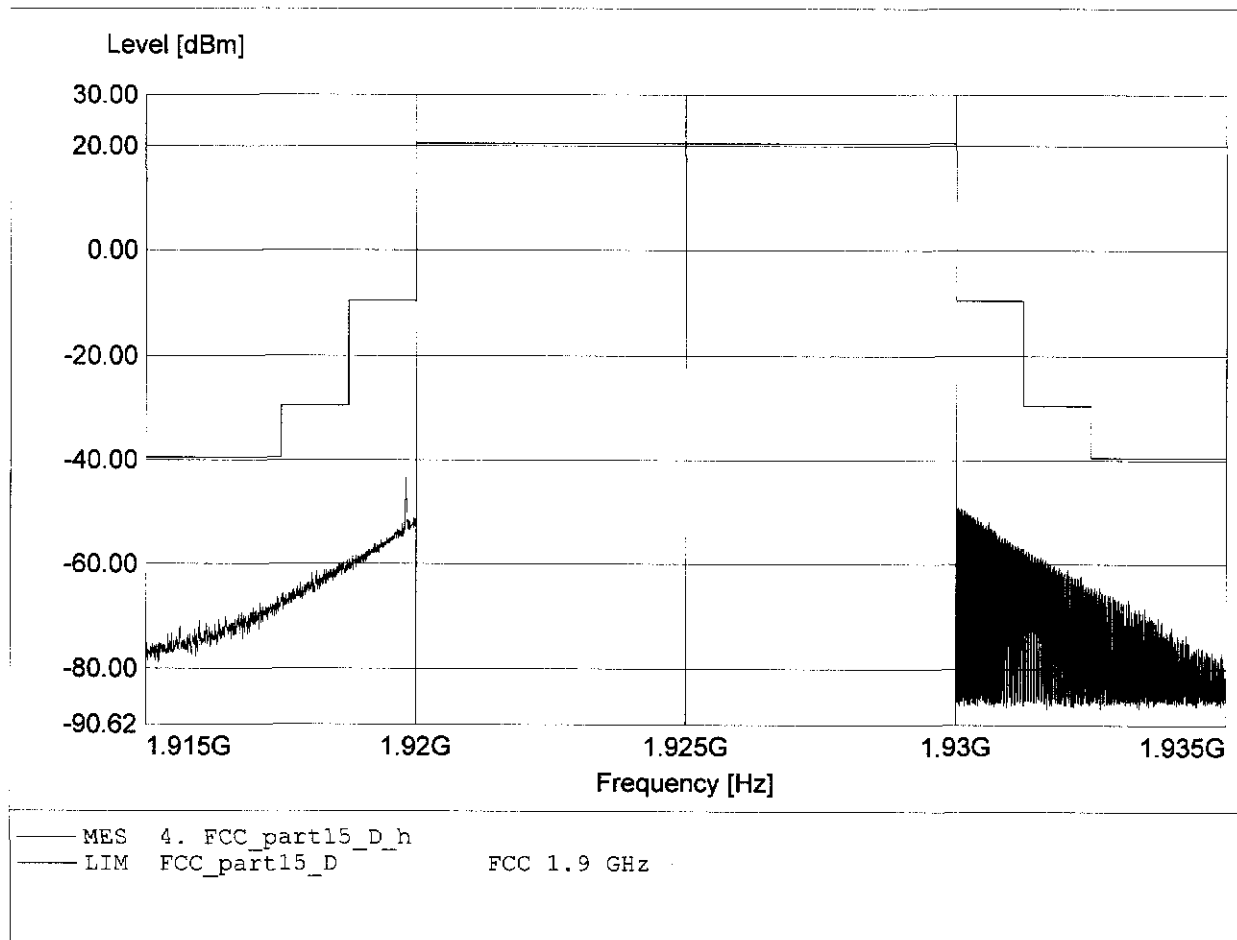
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-48.39dBm RBW:10 kHz



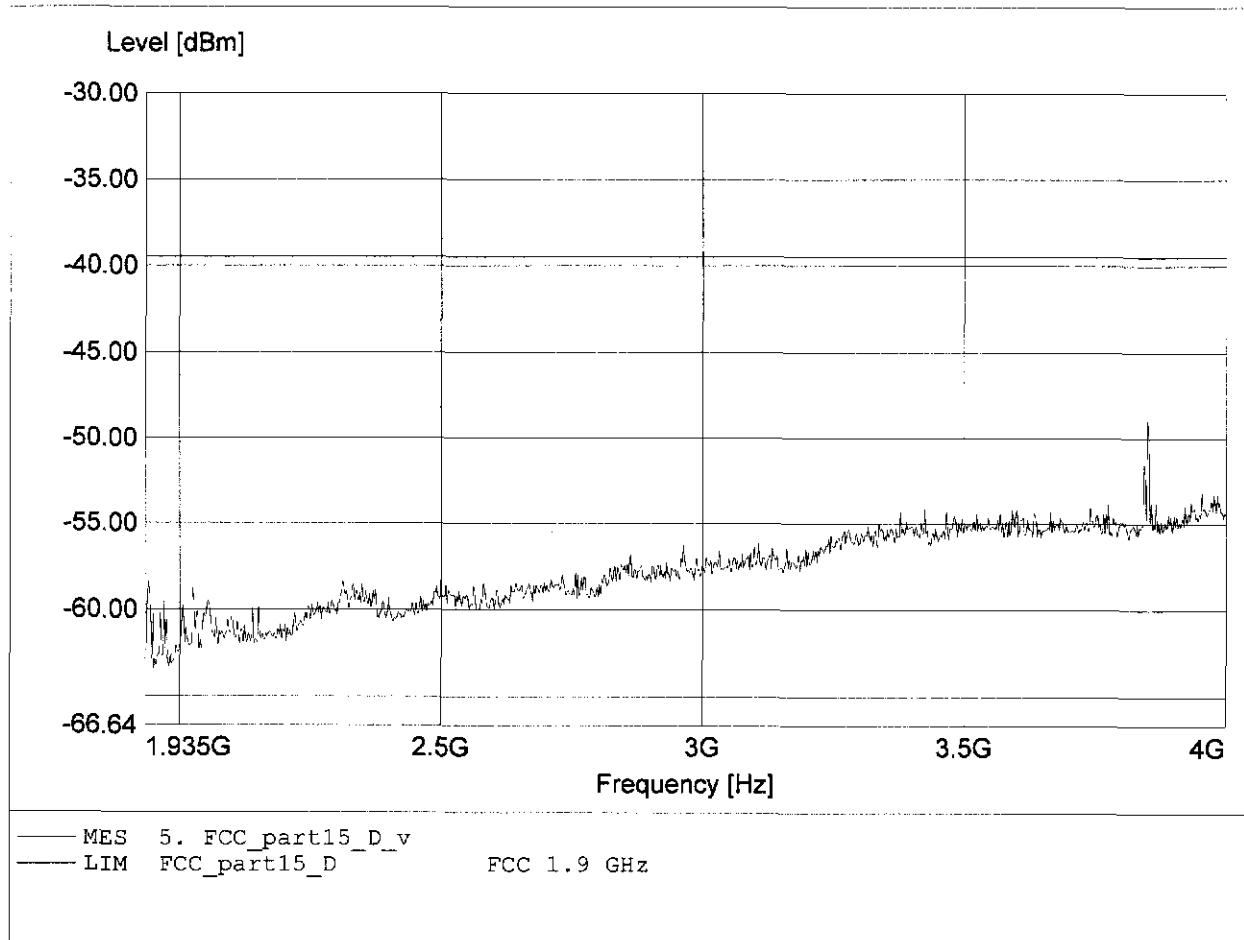
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-43.38dBm RBW:10 kHz



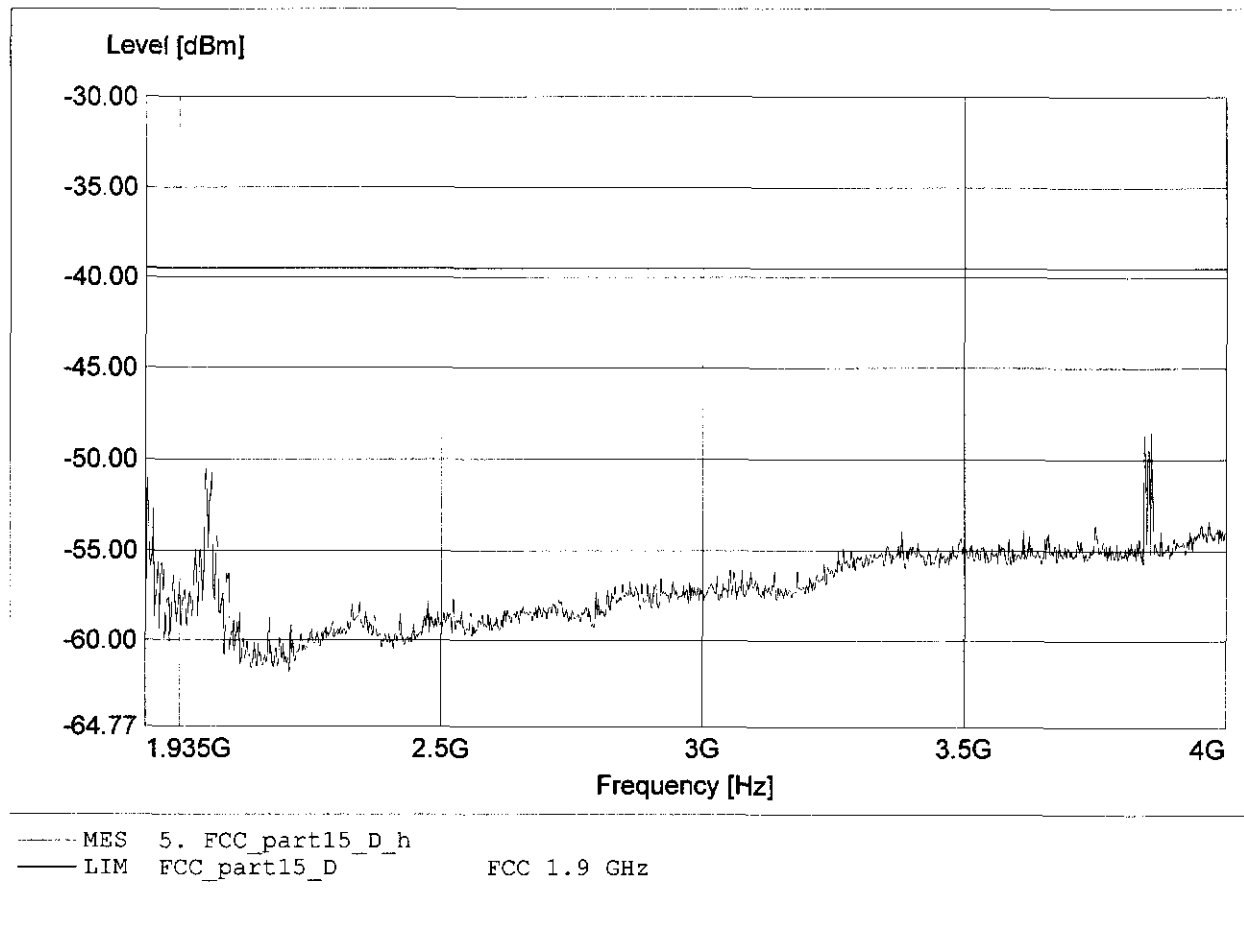
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.851GHz Pmax:-48.97dBm RBW: 1 MHz



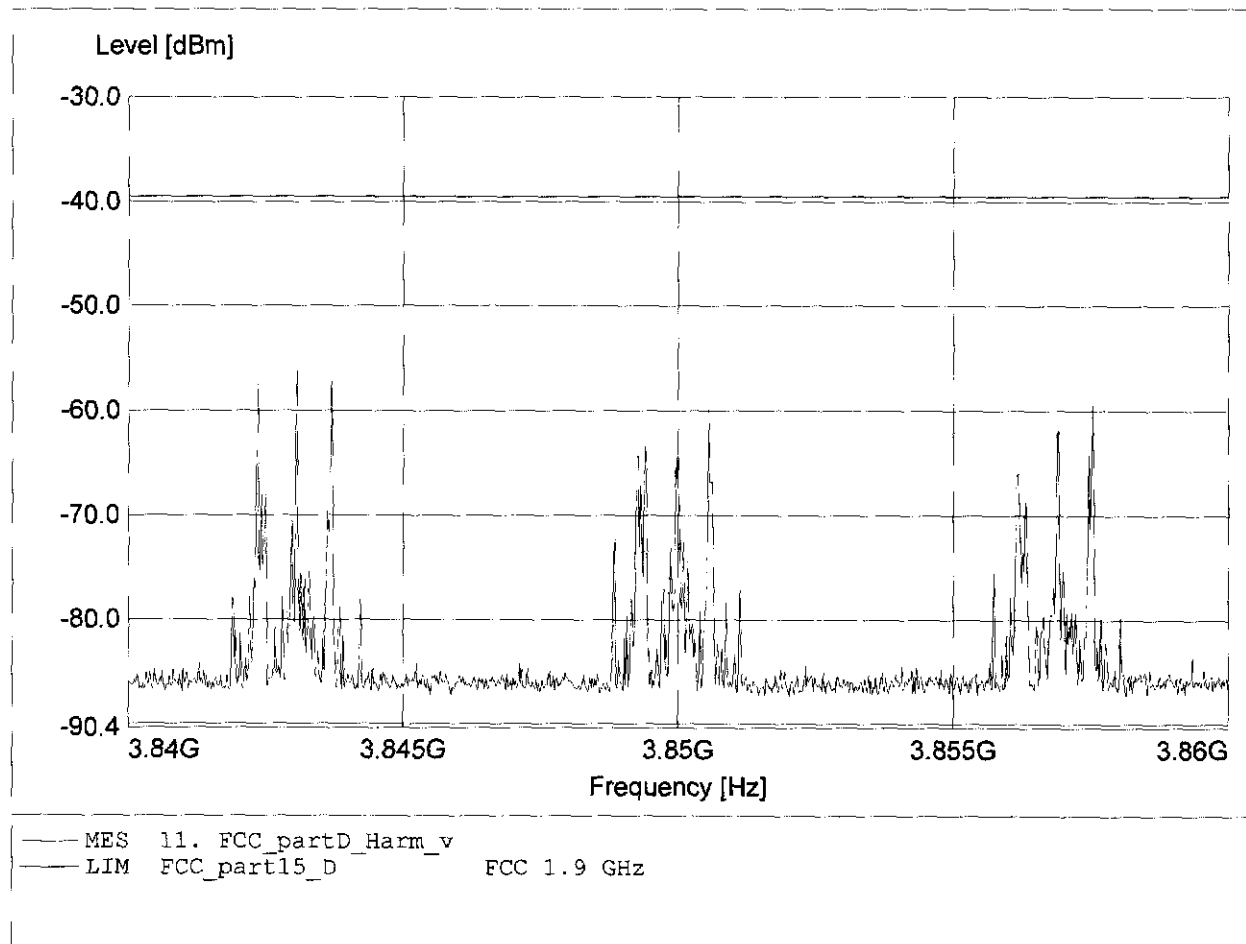
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq: 3.844GHz Pmax: -48.48dBm RBW: 1 MHz



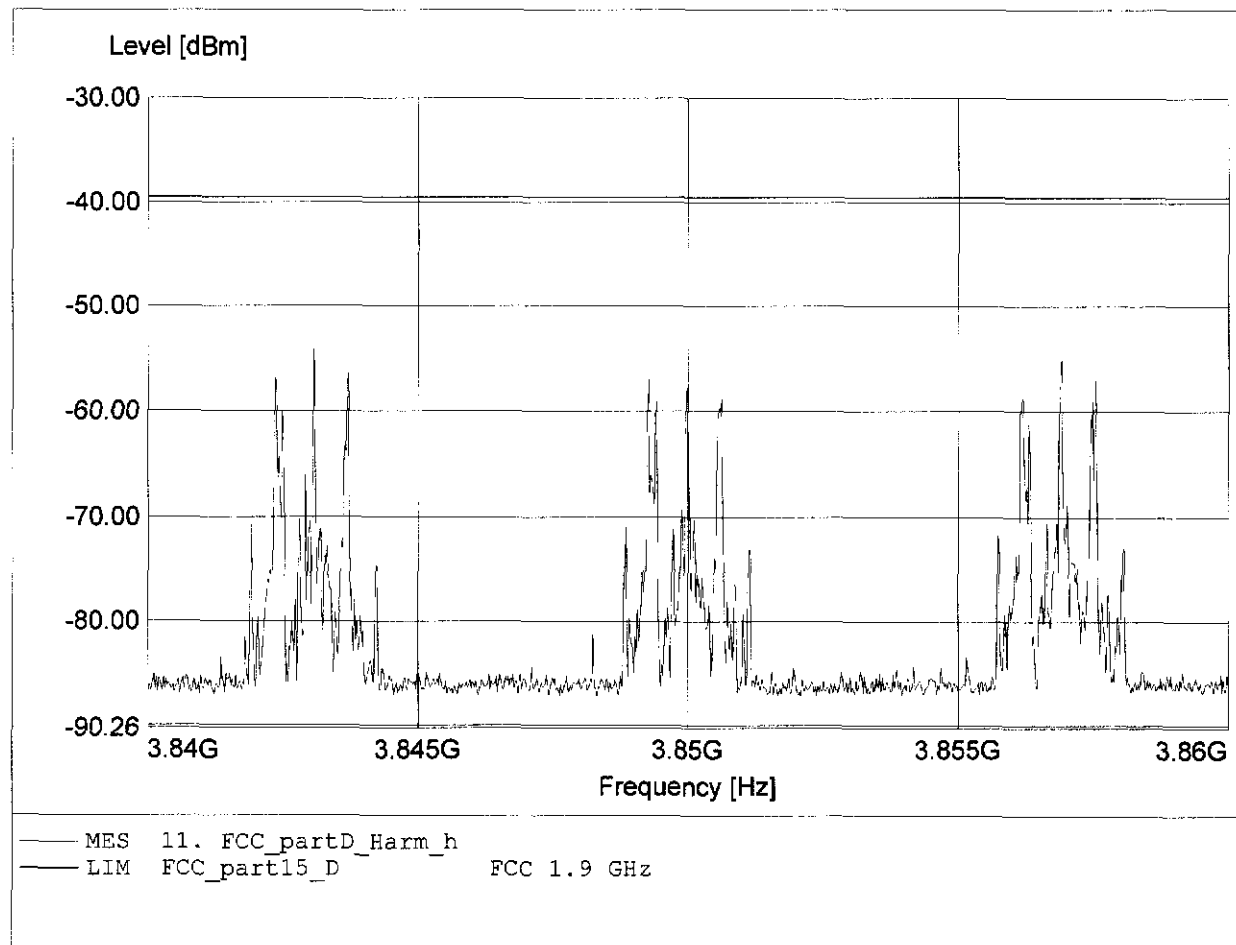
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.843GHz Pmax:-56.17dBm RBW:10 kHz



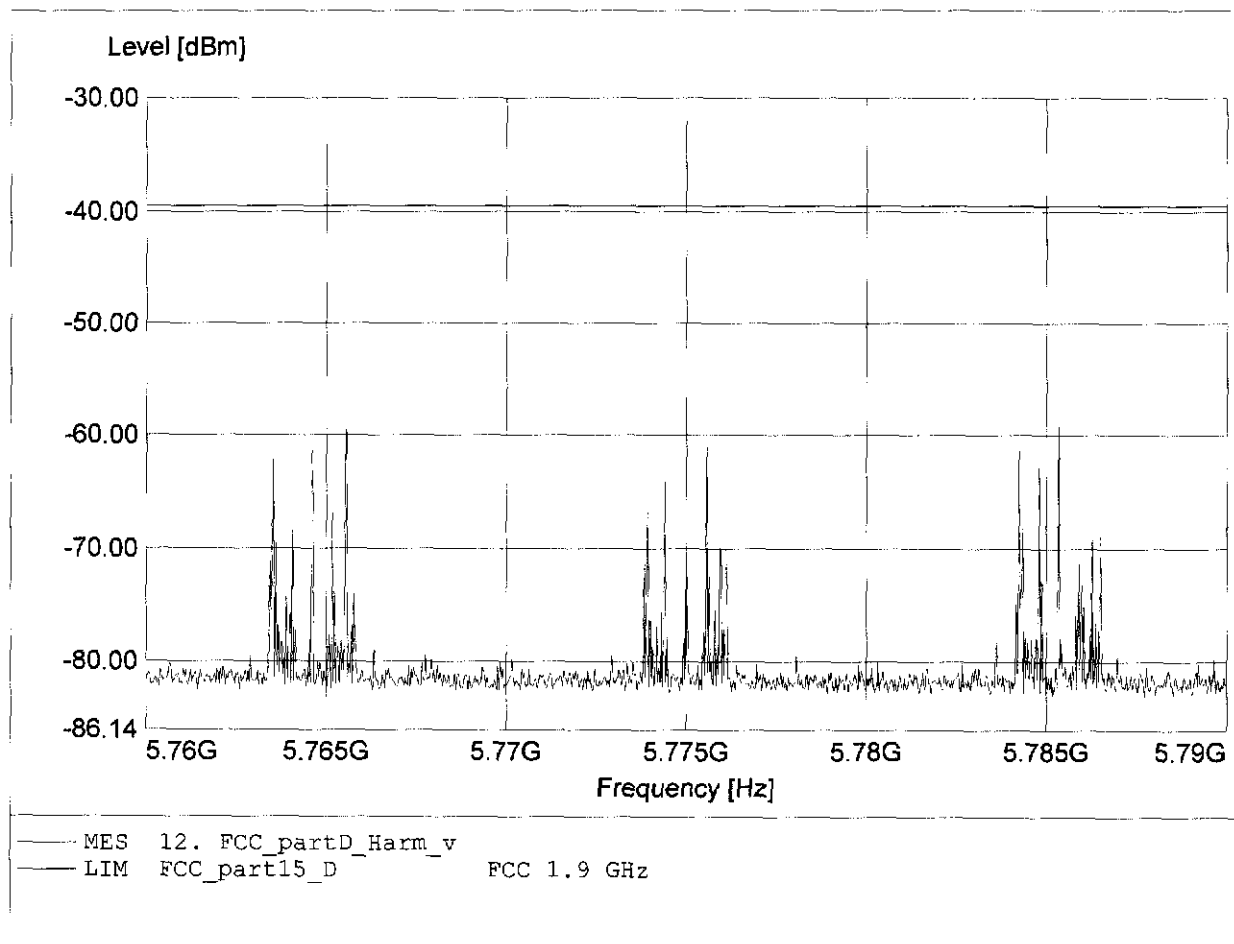
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.843GHz Pmax:-54.16dBm RBW:10 kHz



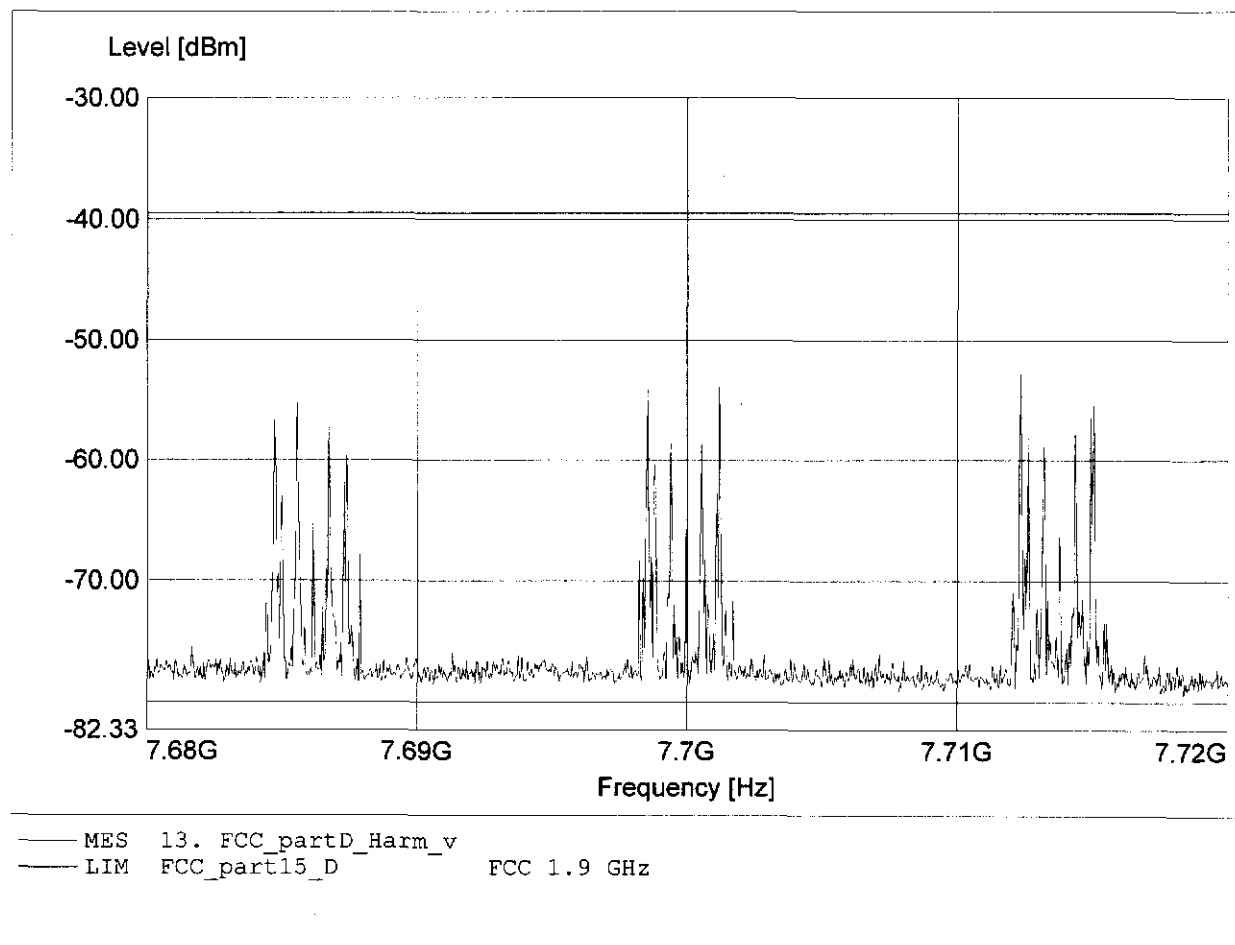
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.785GHz Pmax:-59.23dBm RBW:10 kHz



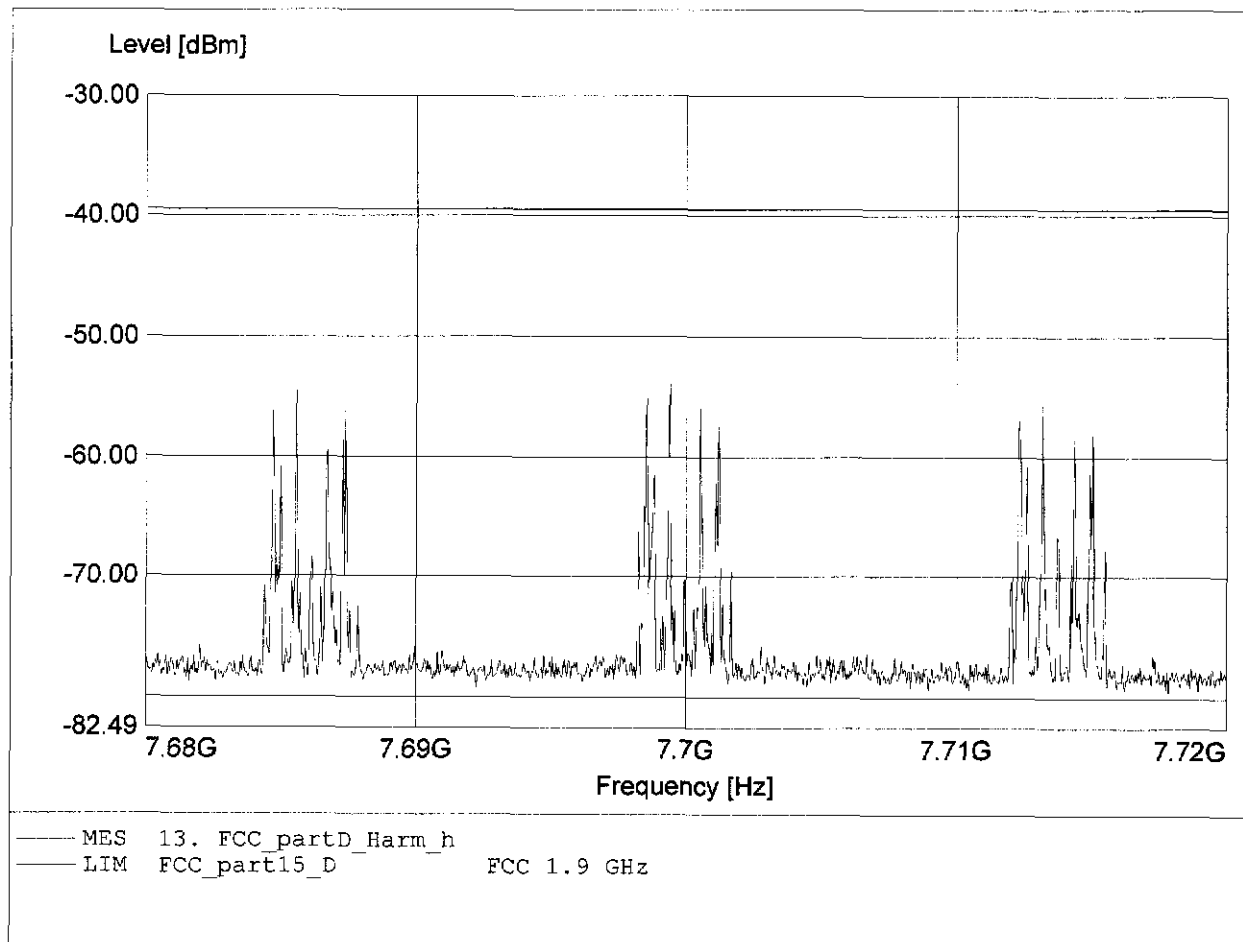
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.712GHz Pmax:-52.81dBm RBW:10 kHz



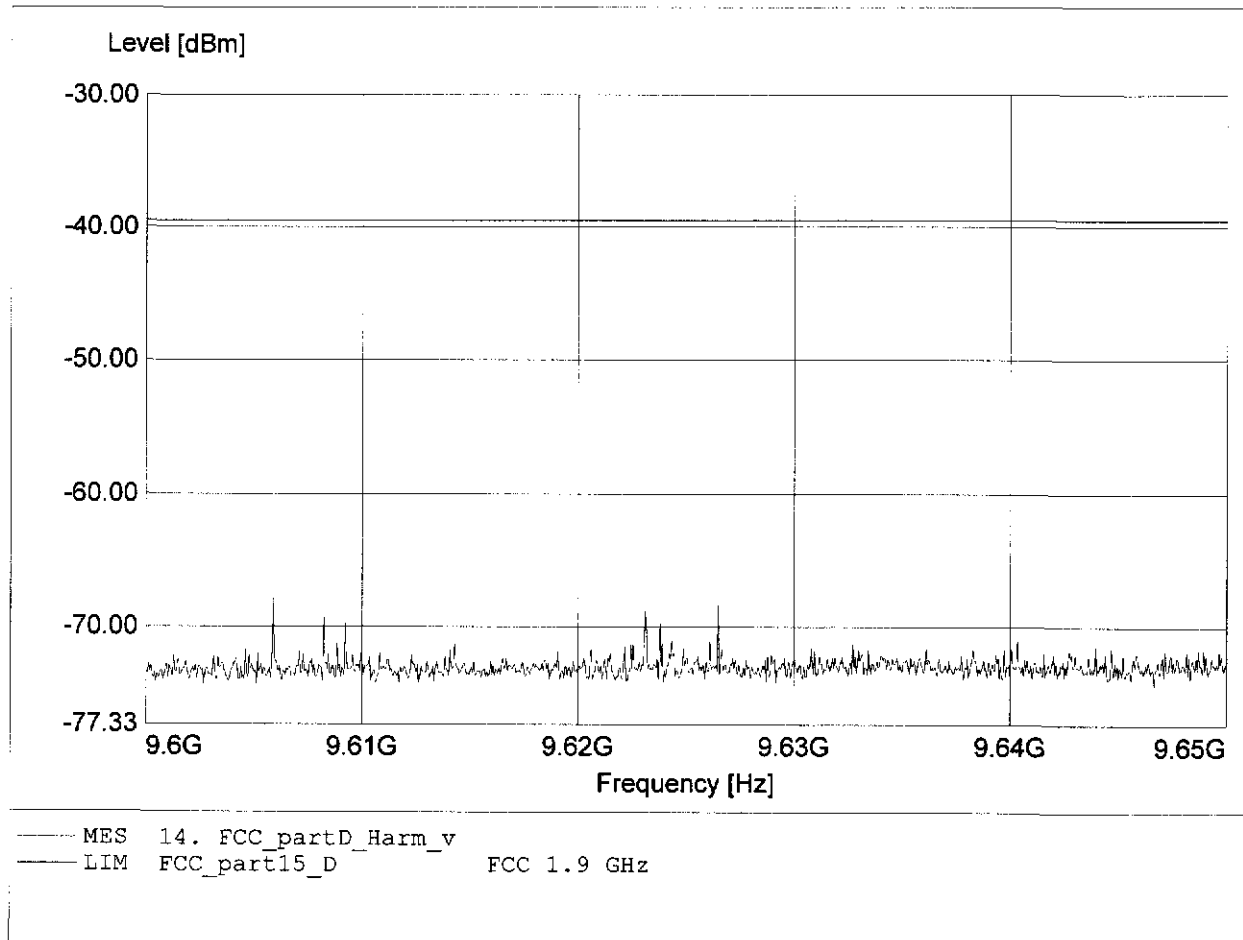
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.686GHz Pmax:-53.14dBm RBW:10 kHz



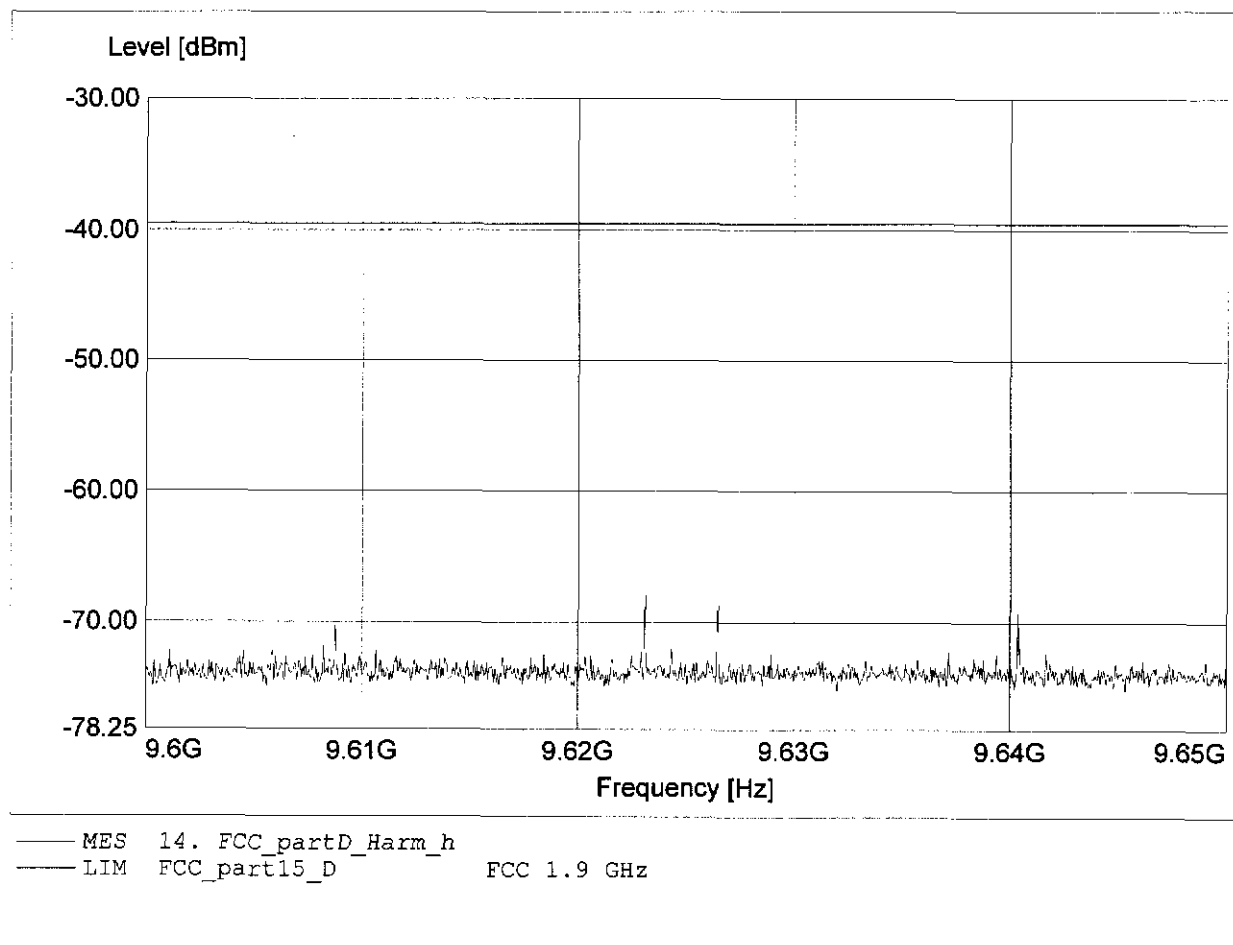
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.626GHz Pmax:-67.47dBm RBW:10 kHz



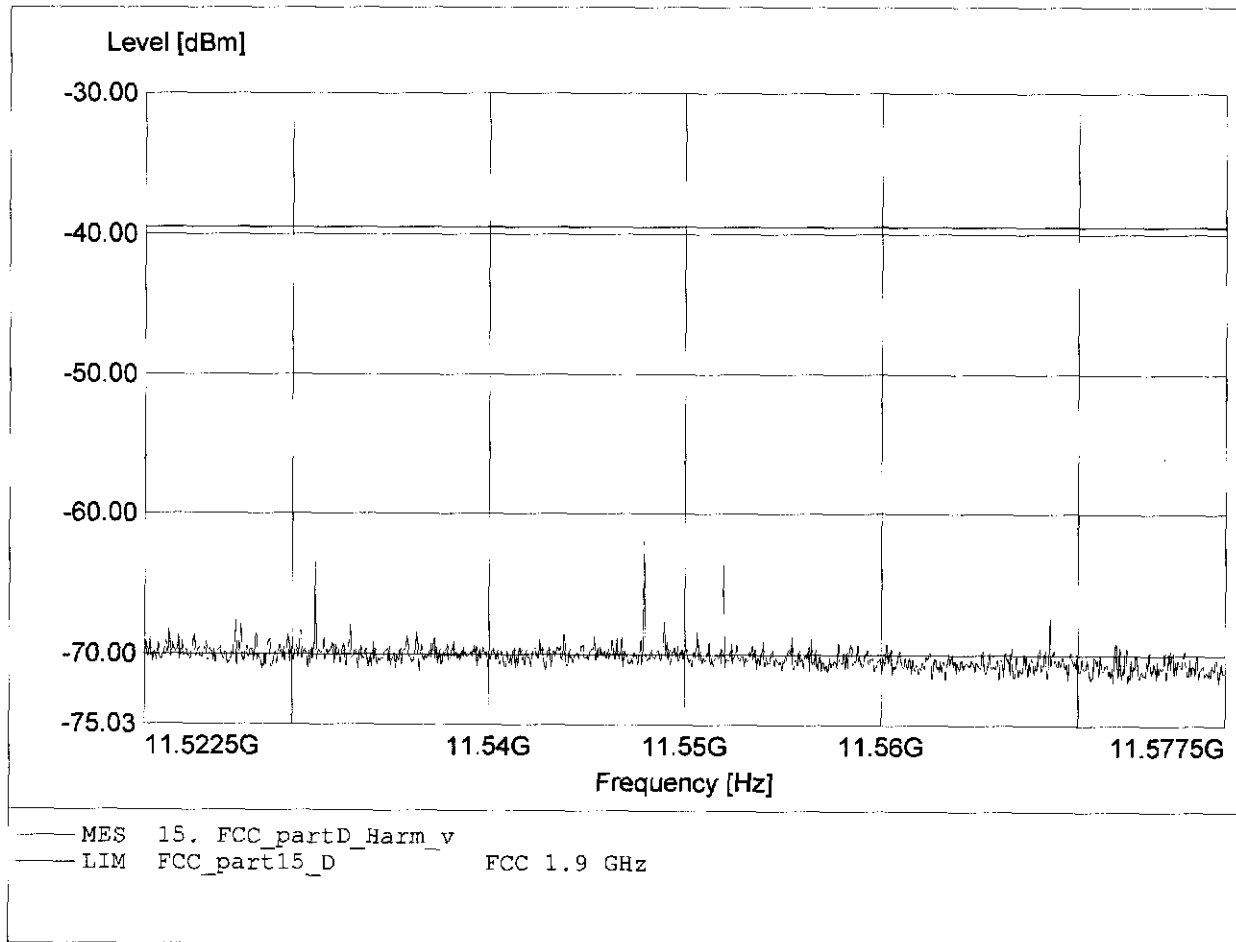
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.623GHz Pmax:-67.88dBm RBW:10 kHz



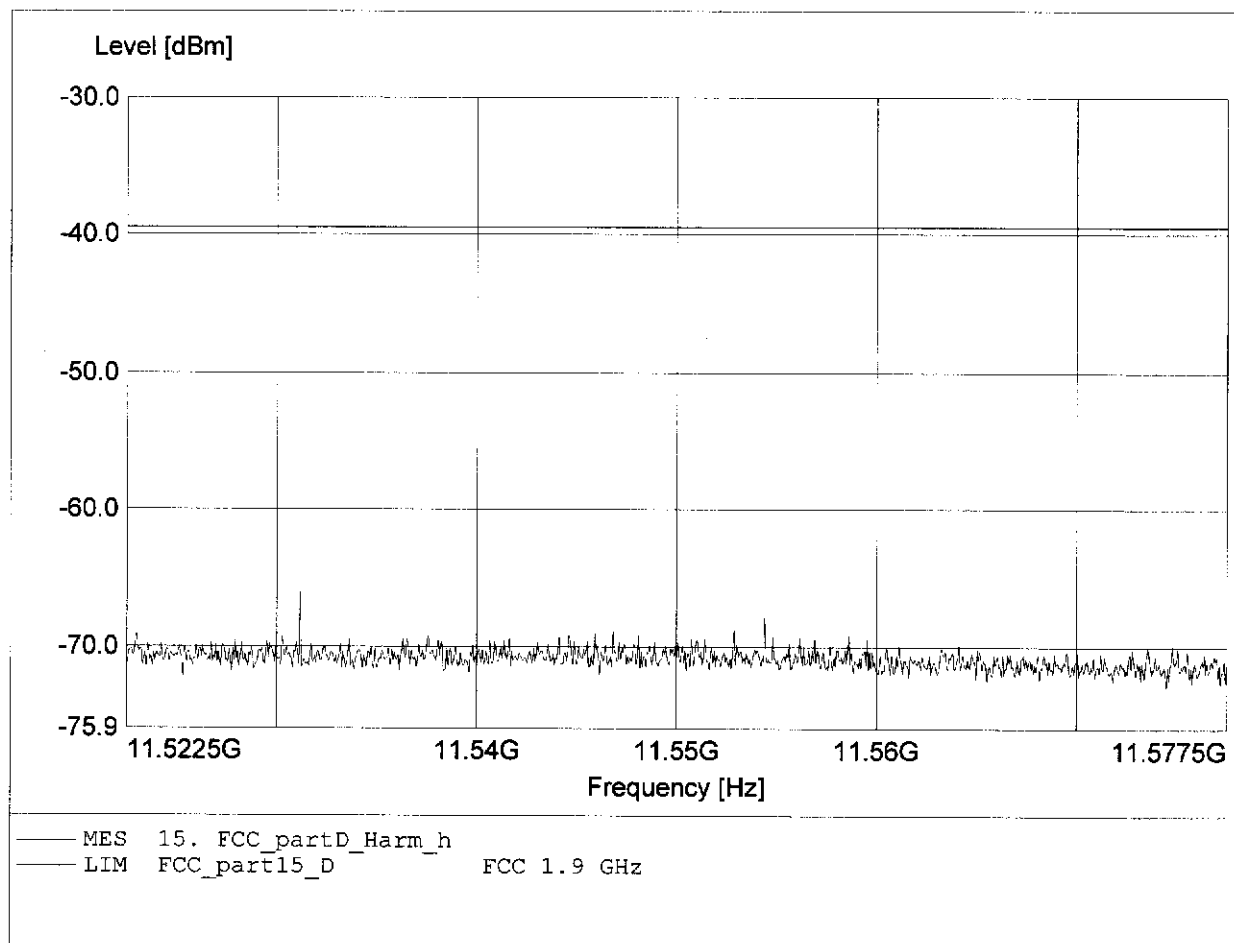
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.548GHz Pmax:-61.87dBm RBW:10 kHz



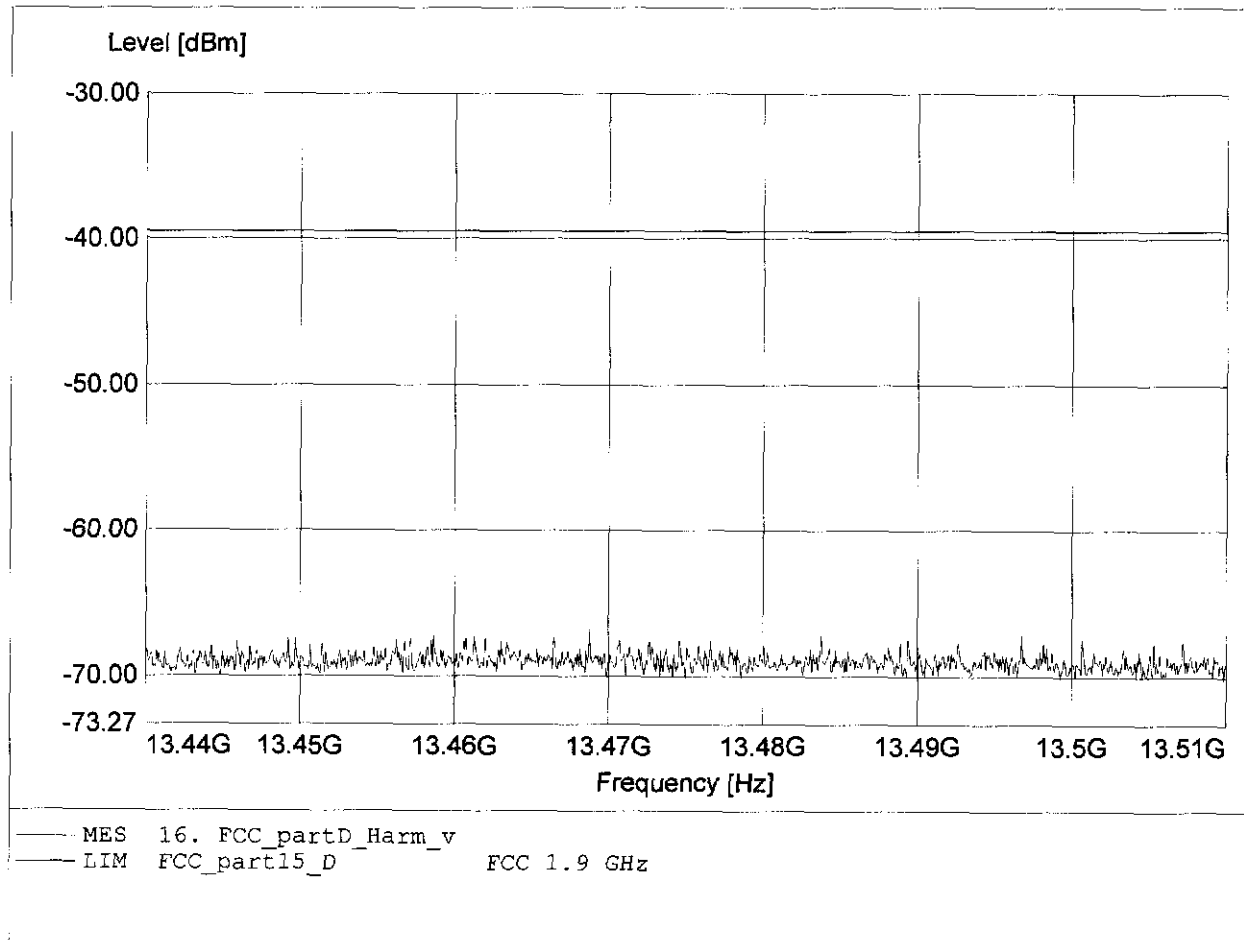
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.531GHz Pmax:-66.09dBm RBW:10 kHz



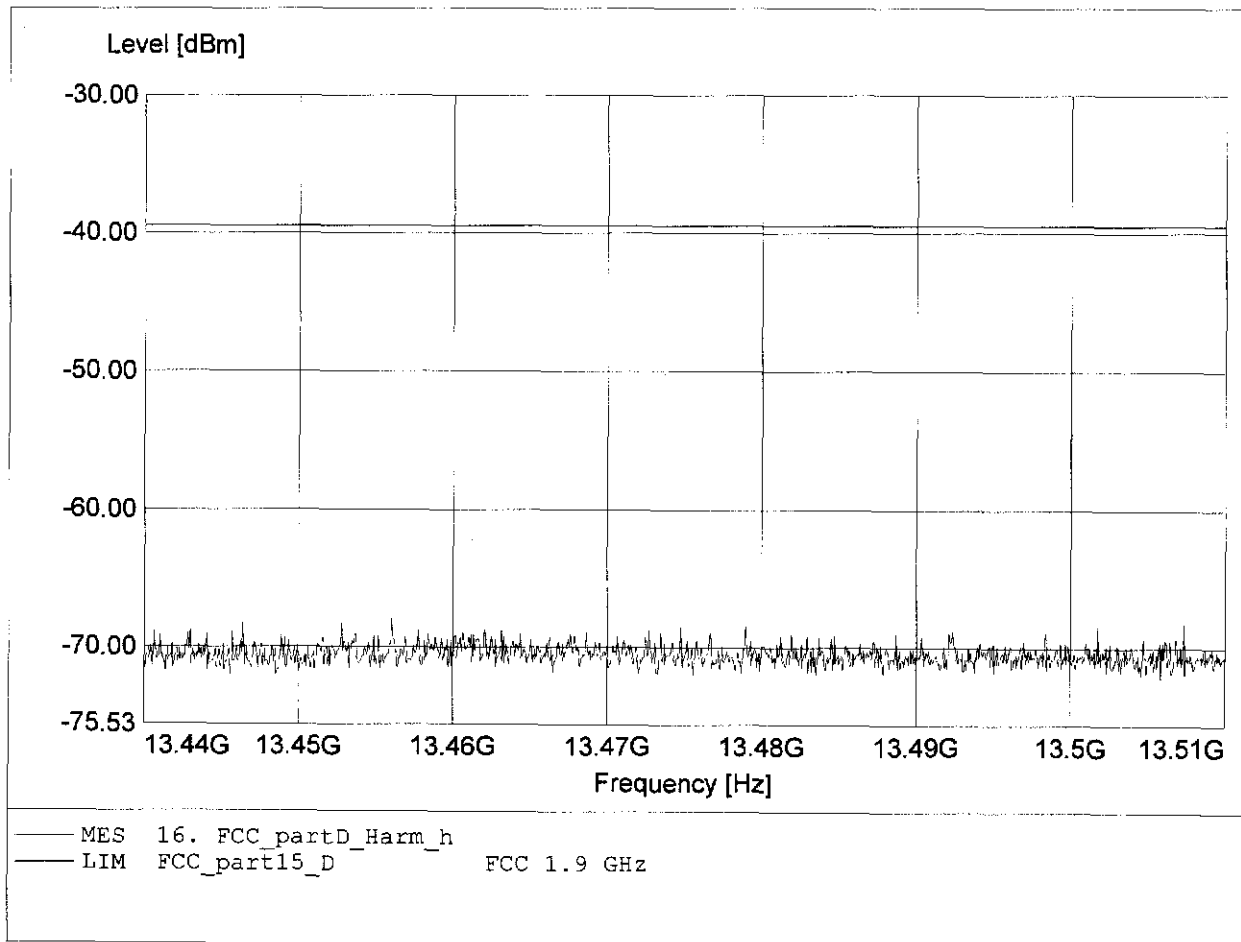
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:13.469GHz Pmax:-66.76dBm RBW:10 kHz



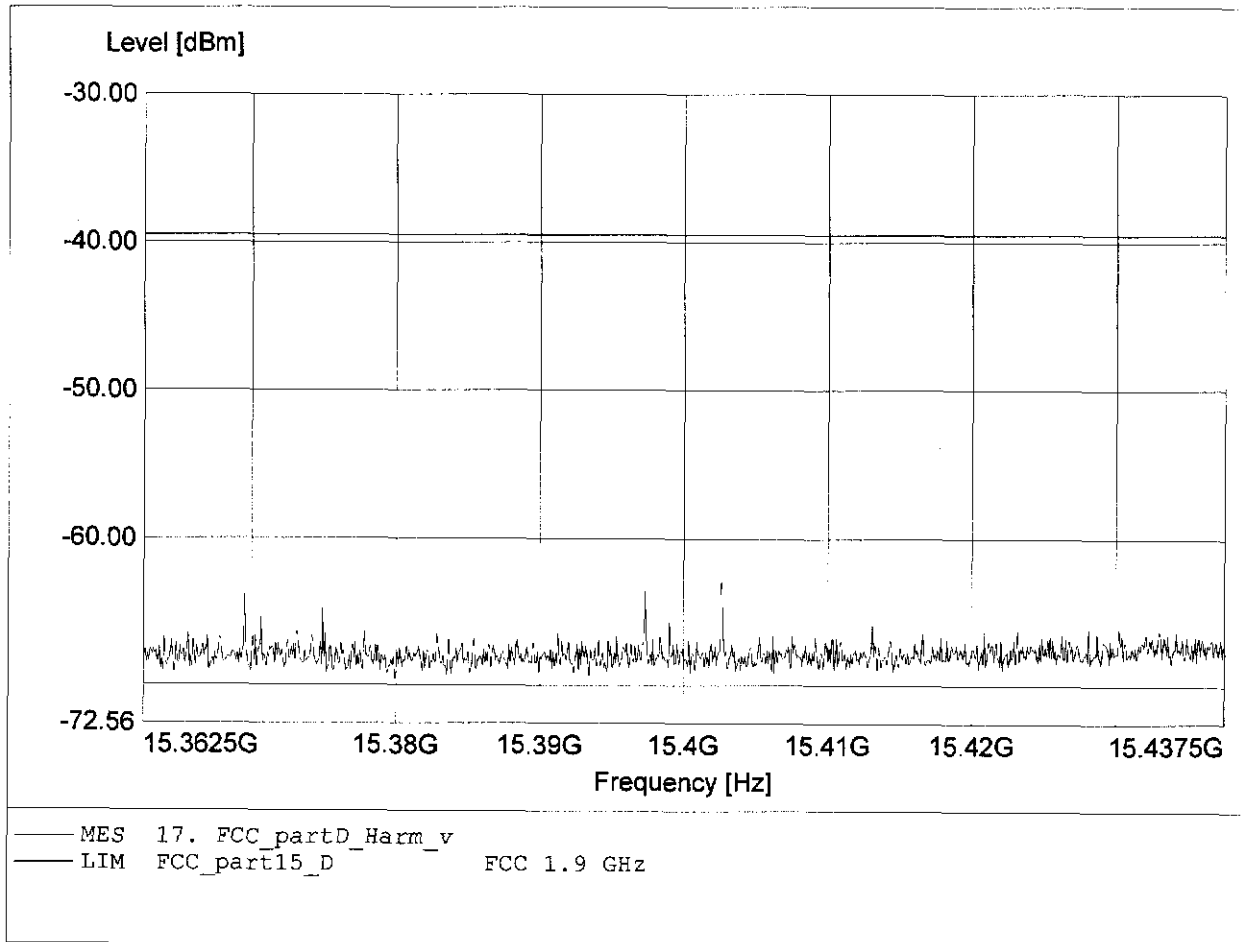
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:13.456GHz Pmax:-68.00dBm RBW:10 kHz



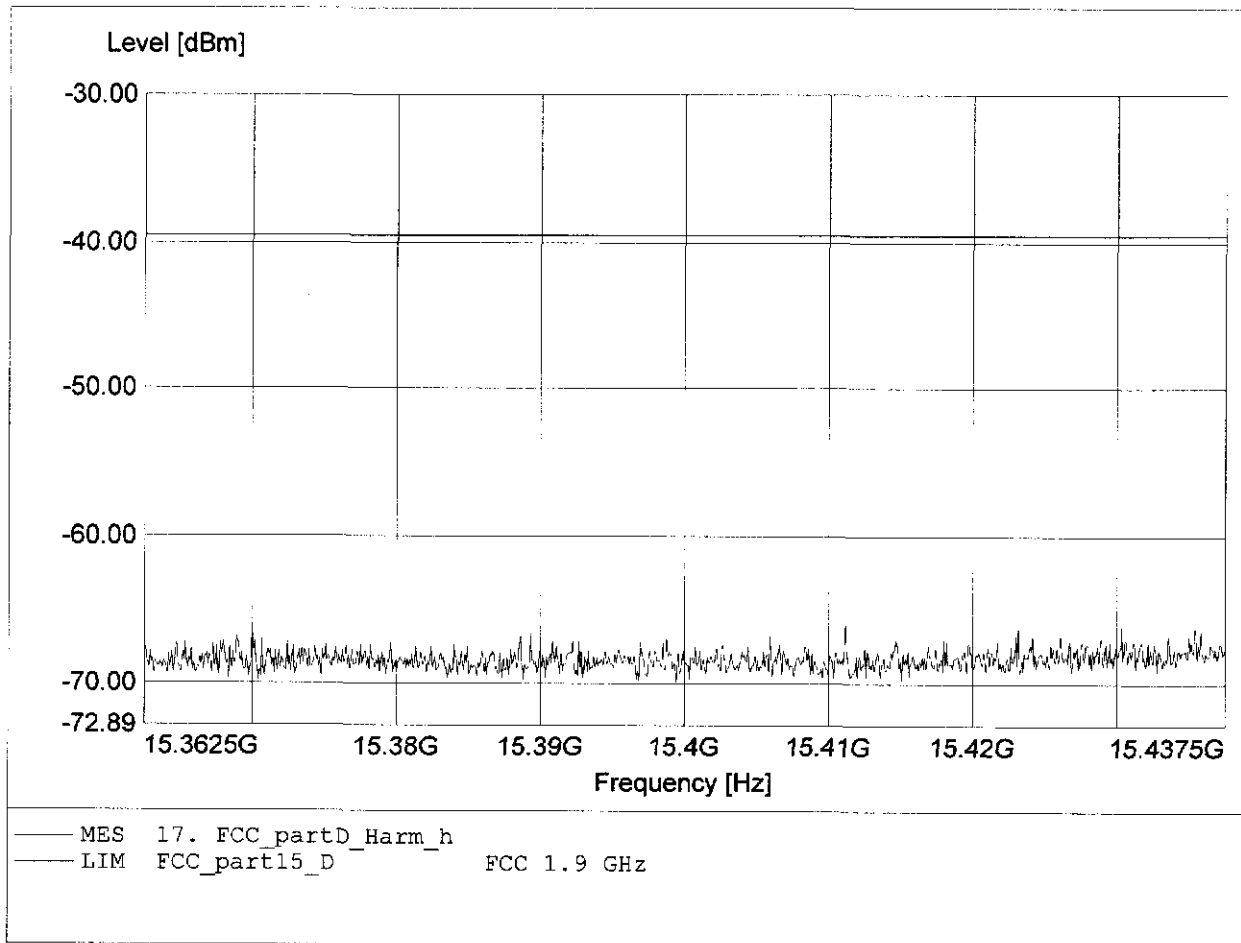
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:15.403GHz Pmax:-62.88dBm RBW:10 kHz



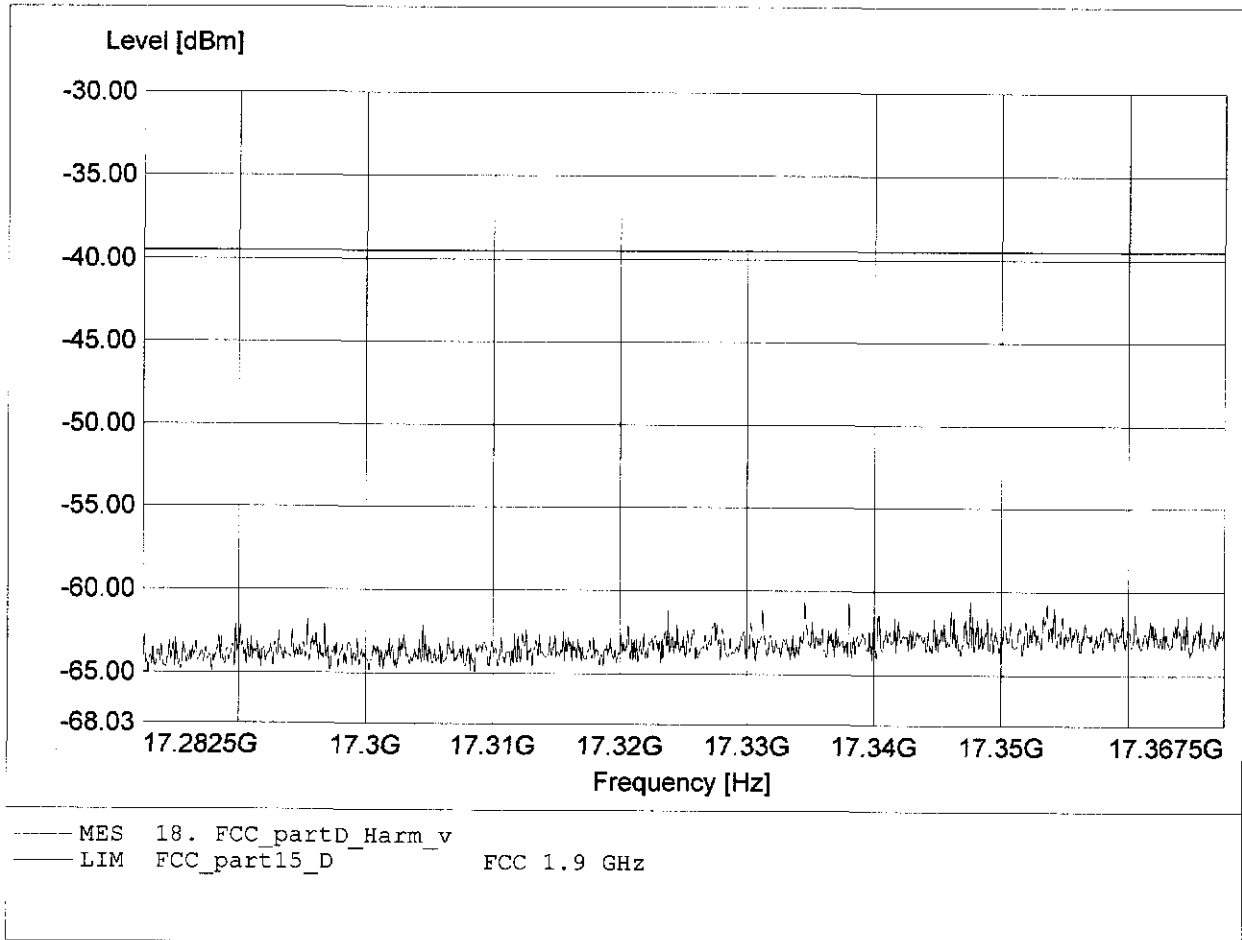
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:15.370GHz Pmax:-65.87dBm RBW:10 kHz



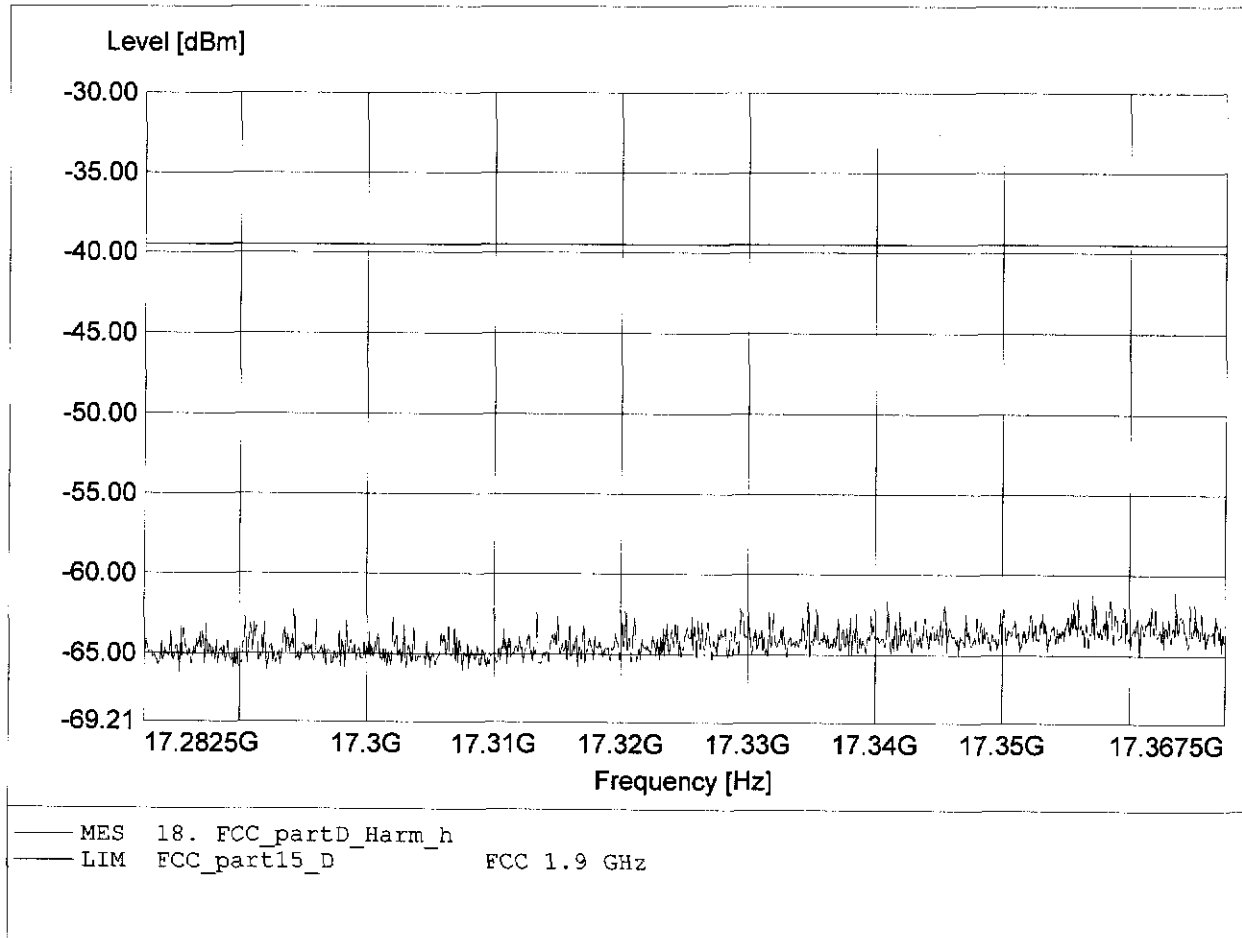
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
 EUT: Handset RTX3080
 Model: RTX3080 / ant.: 1 / ch.: 0,2,4
 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.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:17.348GHz Pmax:-60.58dBm RBW:10 kHz



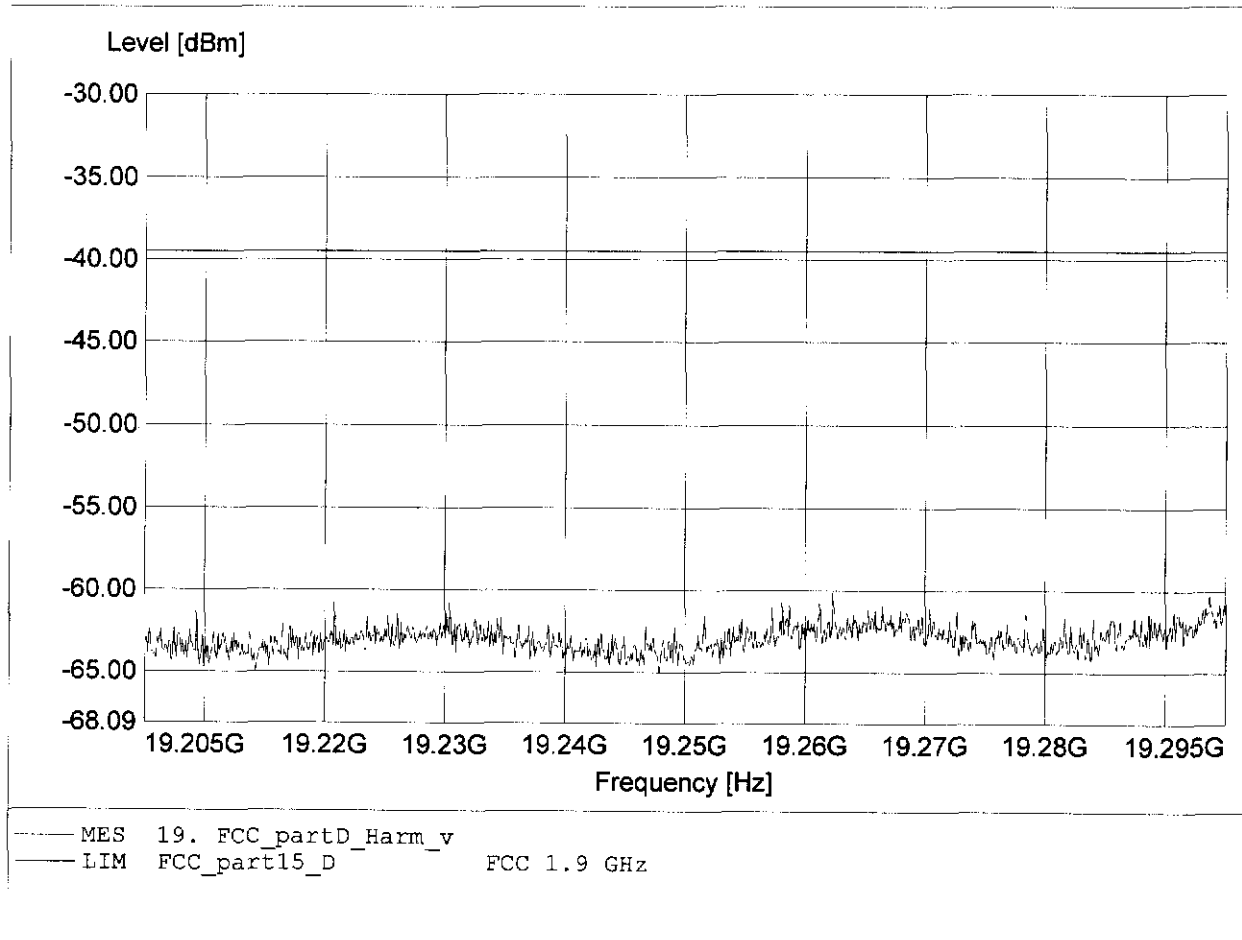
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:17.364GHz Pmax:-61.10dBm RBW:10 kHz



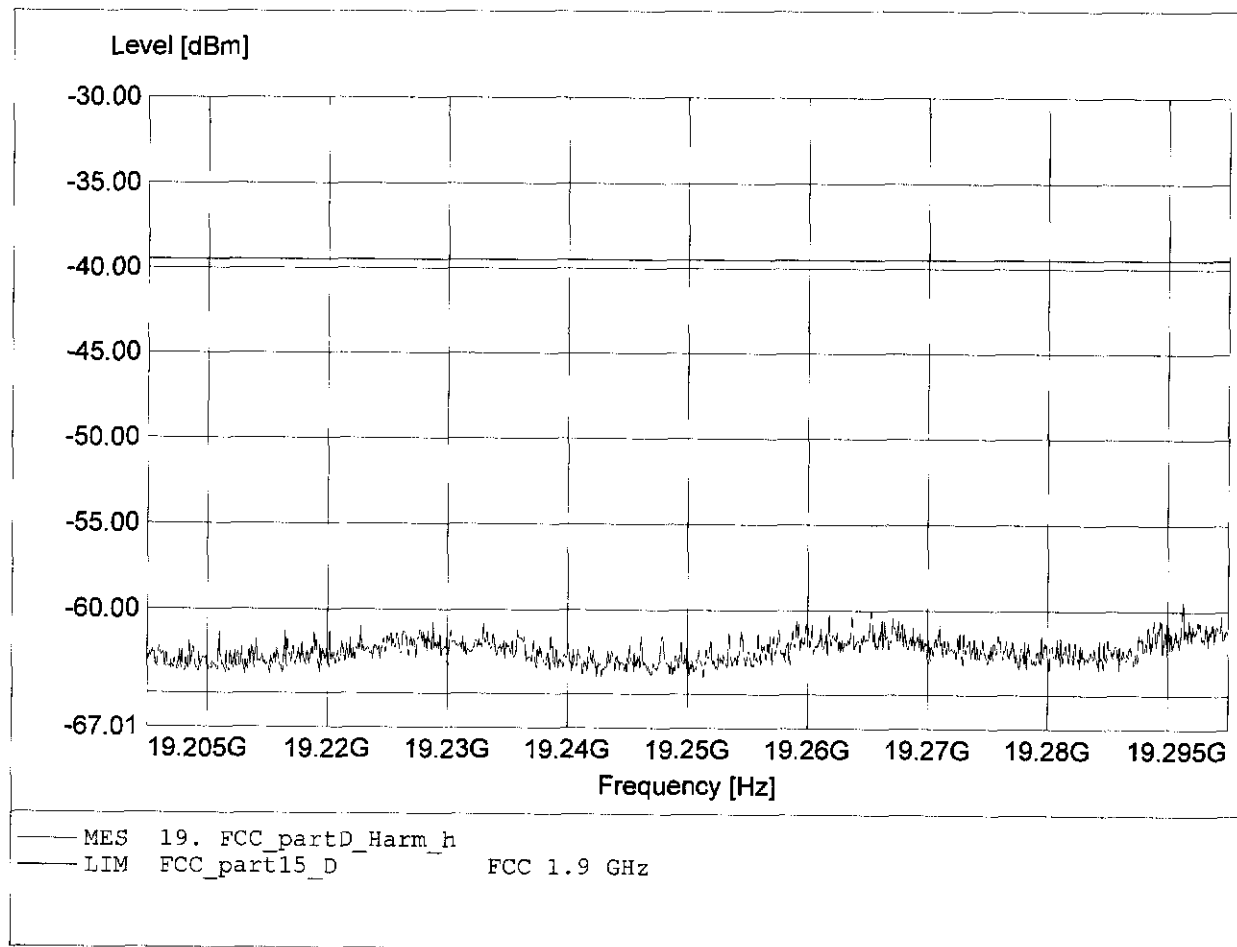
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:19.262GHz Pmax:-60.13dBm RBW:10 kHz



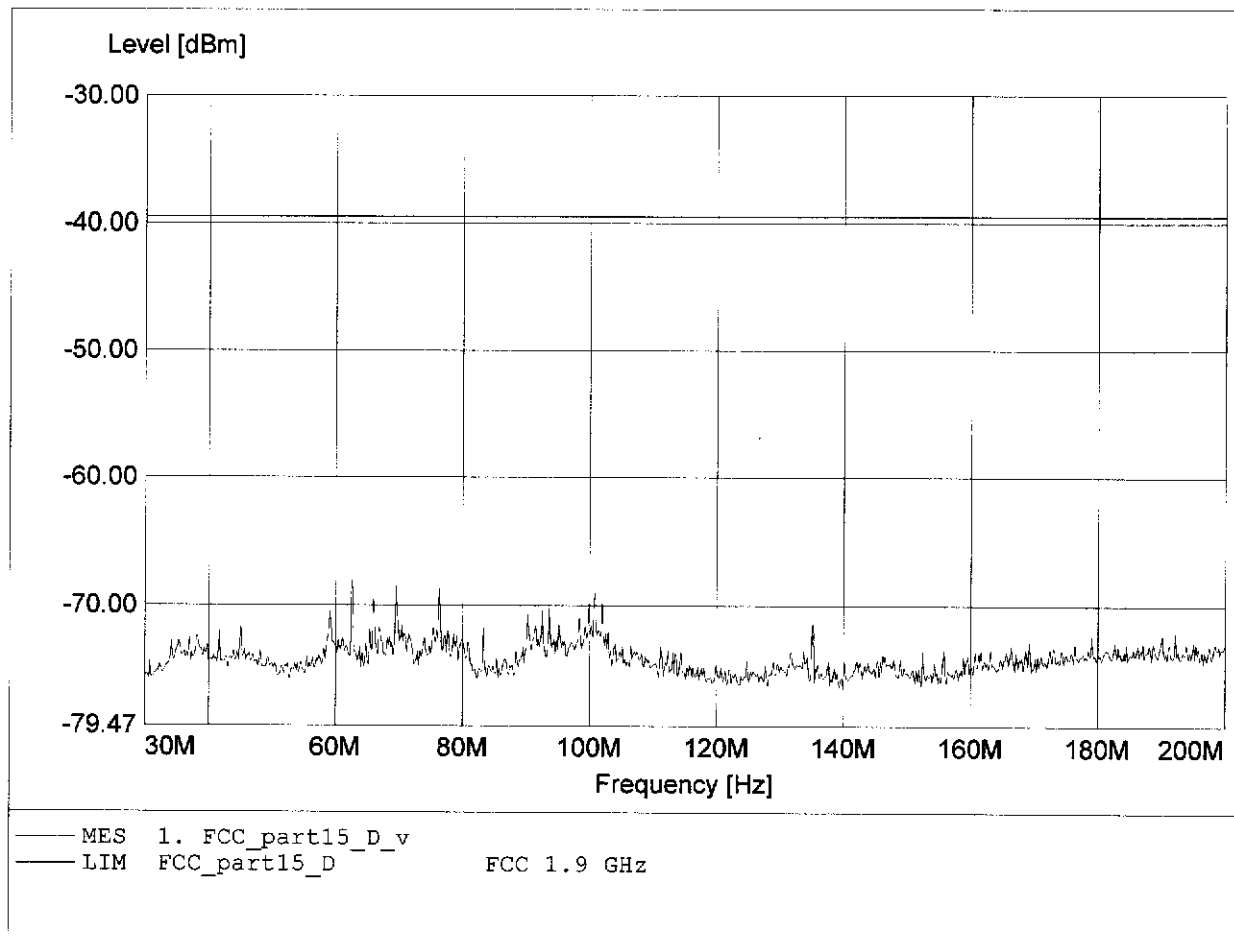
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 1 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:19.291GHz Pmax:-59.33dBm RBW:10 kHz



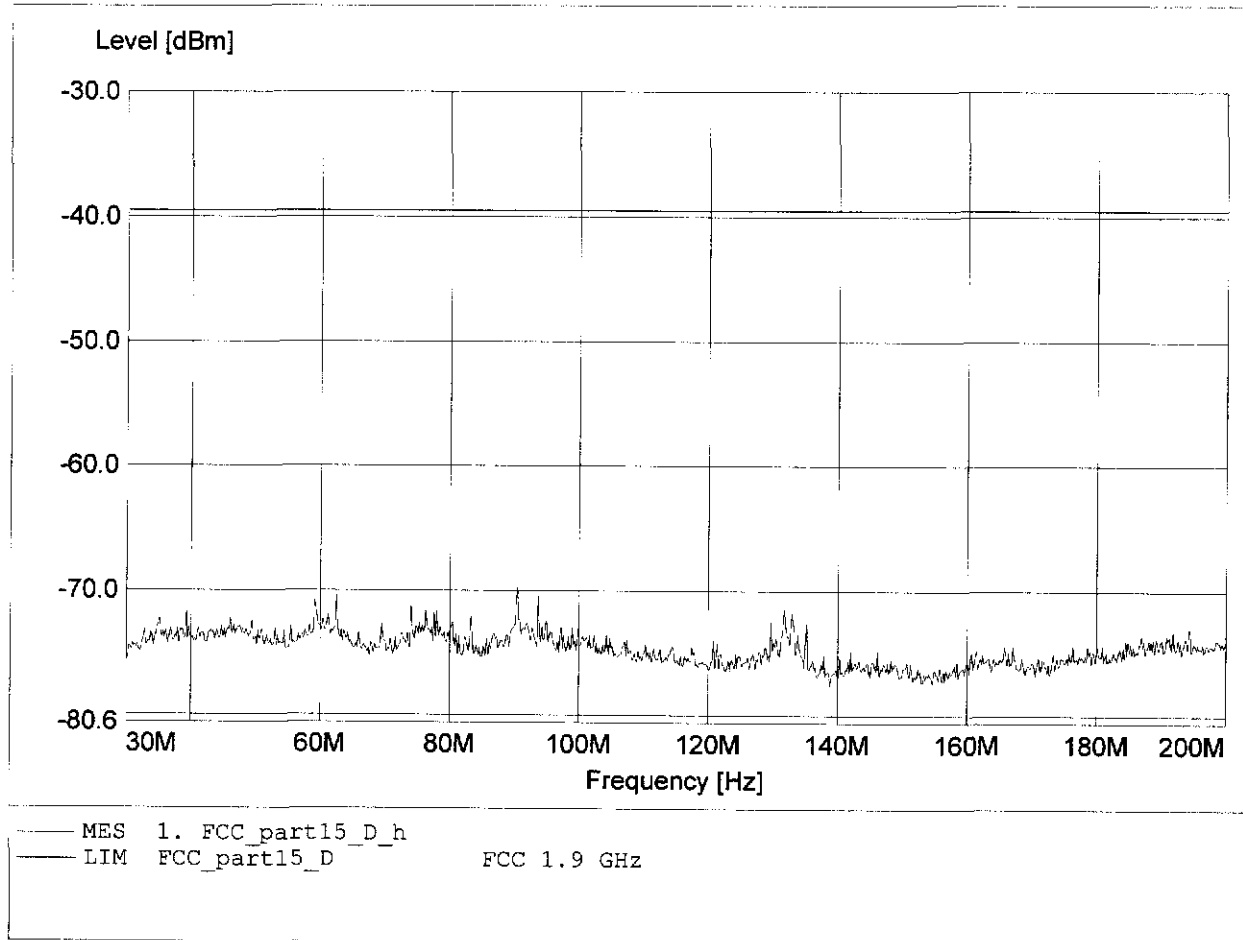
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: HK 116,
Comment 2: Freq:62.489MHz Pmax:-67.85dBm RBW: 100 kHz



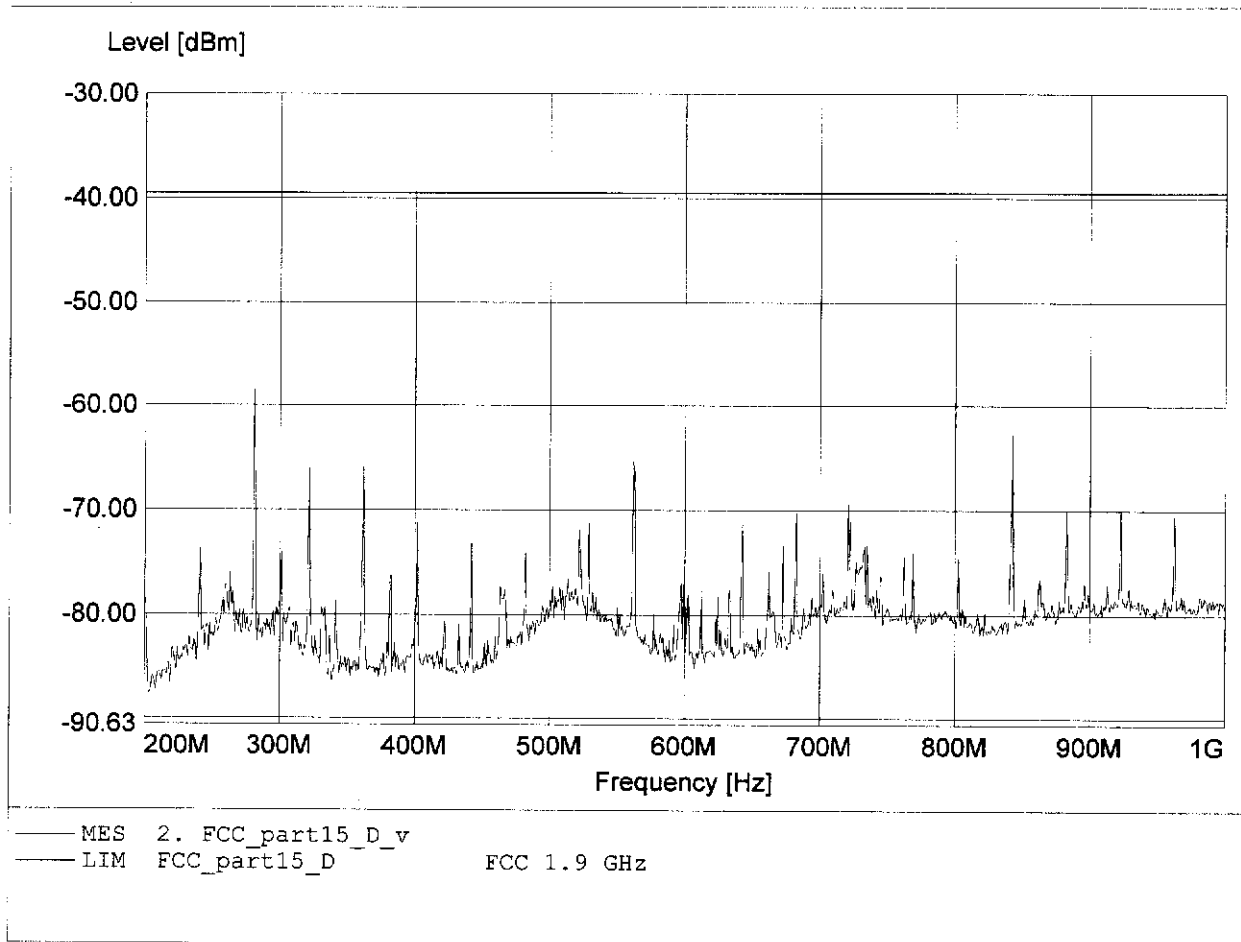
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: HK 116,
Comment 2: Freq:90.444MHz Pmax:-69.57dBm RBW: 100 kHz



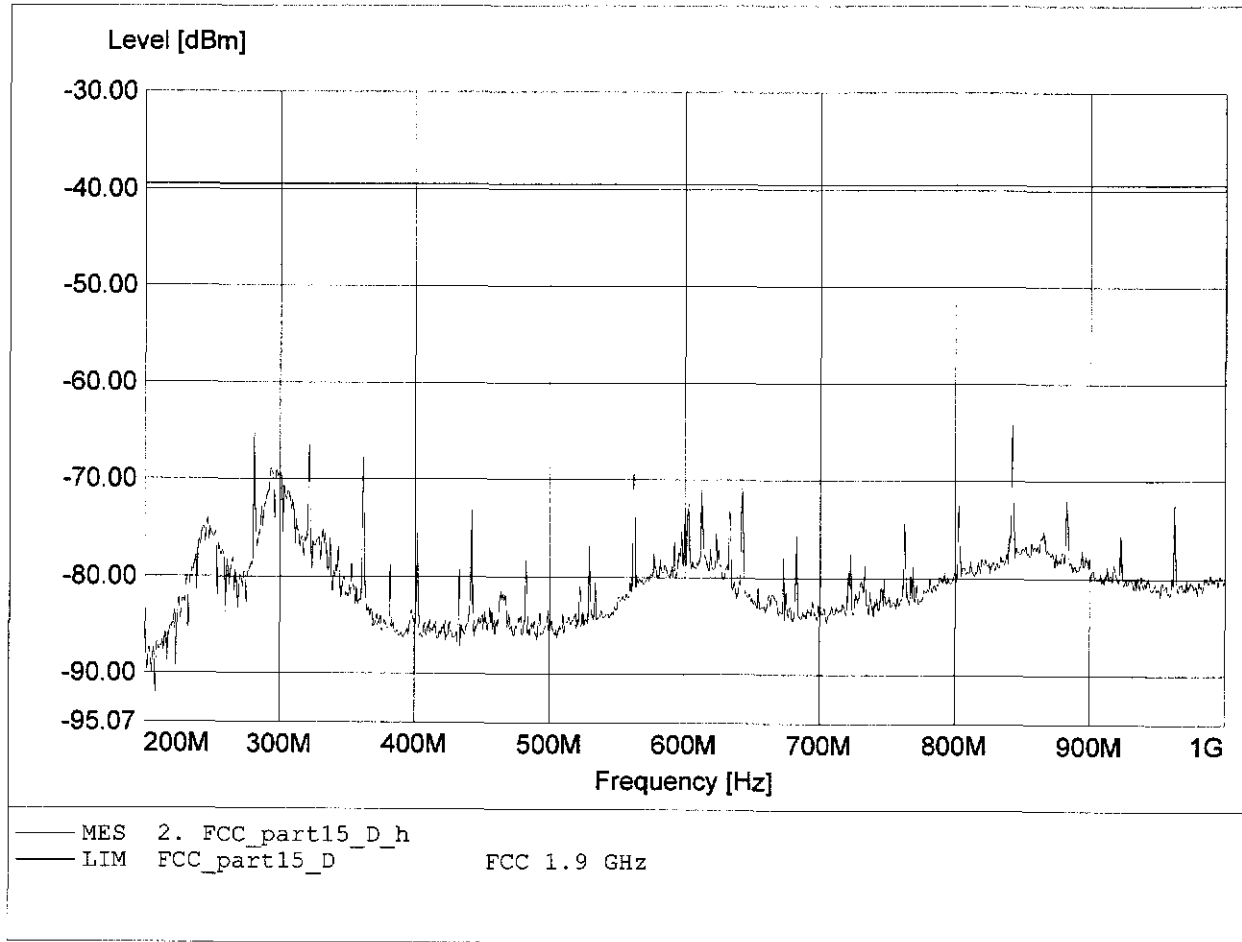
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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 223, ampl.
Comment 2: Freq:280.889MHz Pmax:-58.55dBm RBW: 100 kHz



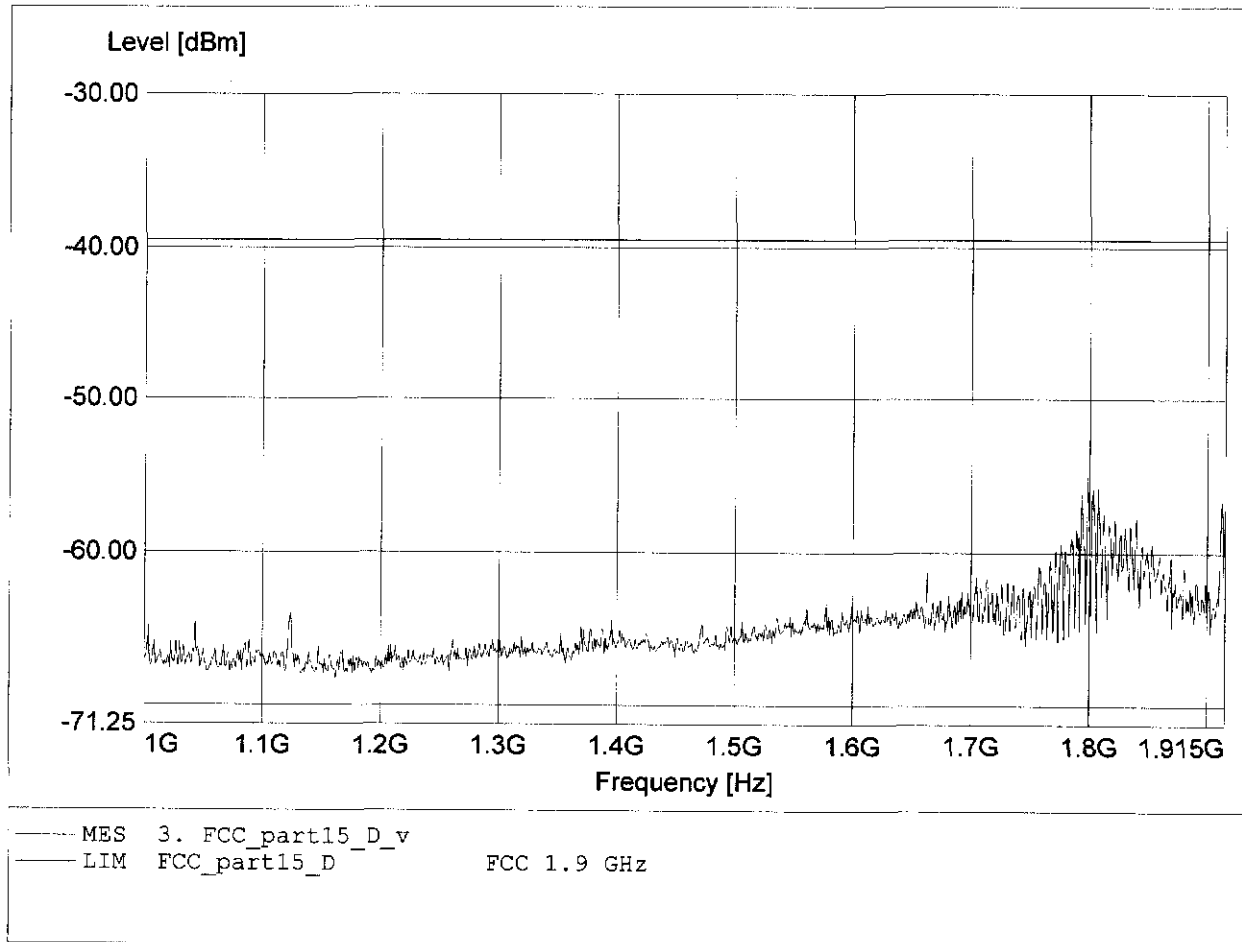
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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 223, ampl.
Comment 2: Freq:280.889MHz Pmax:-63.83dBm RBW: 100 kHz



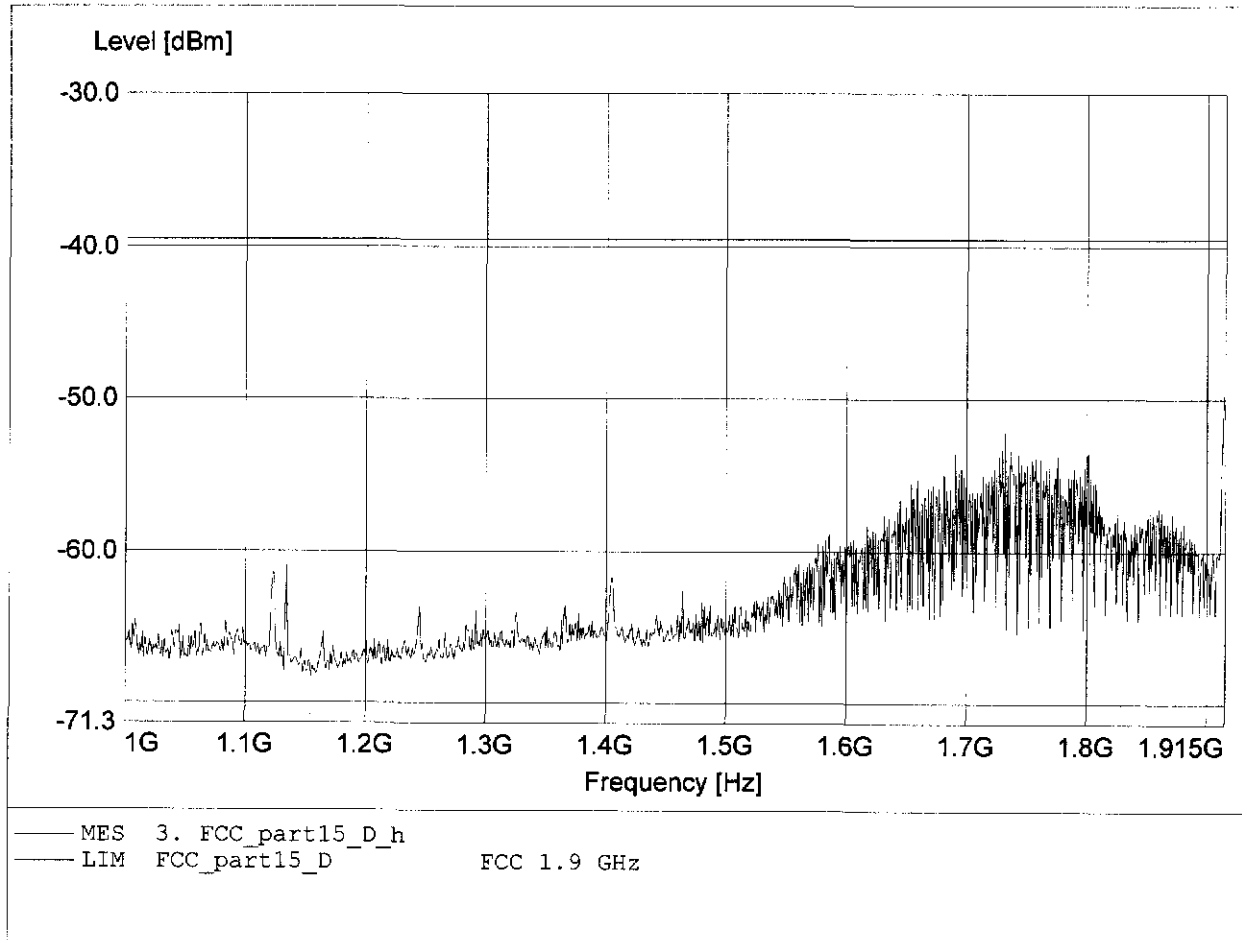
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.798GHz Pmax:-55.05dBm RBW: 1 MHz



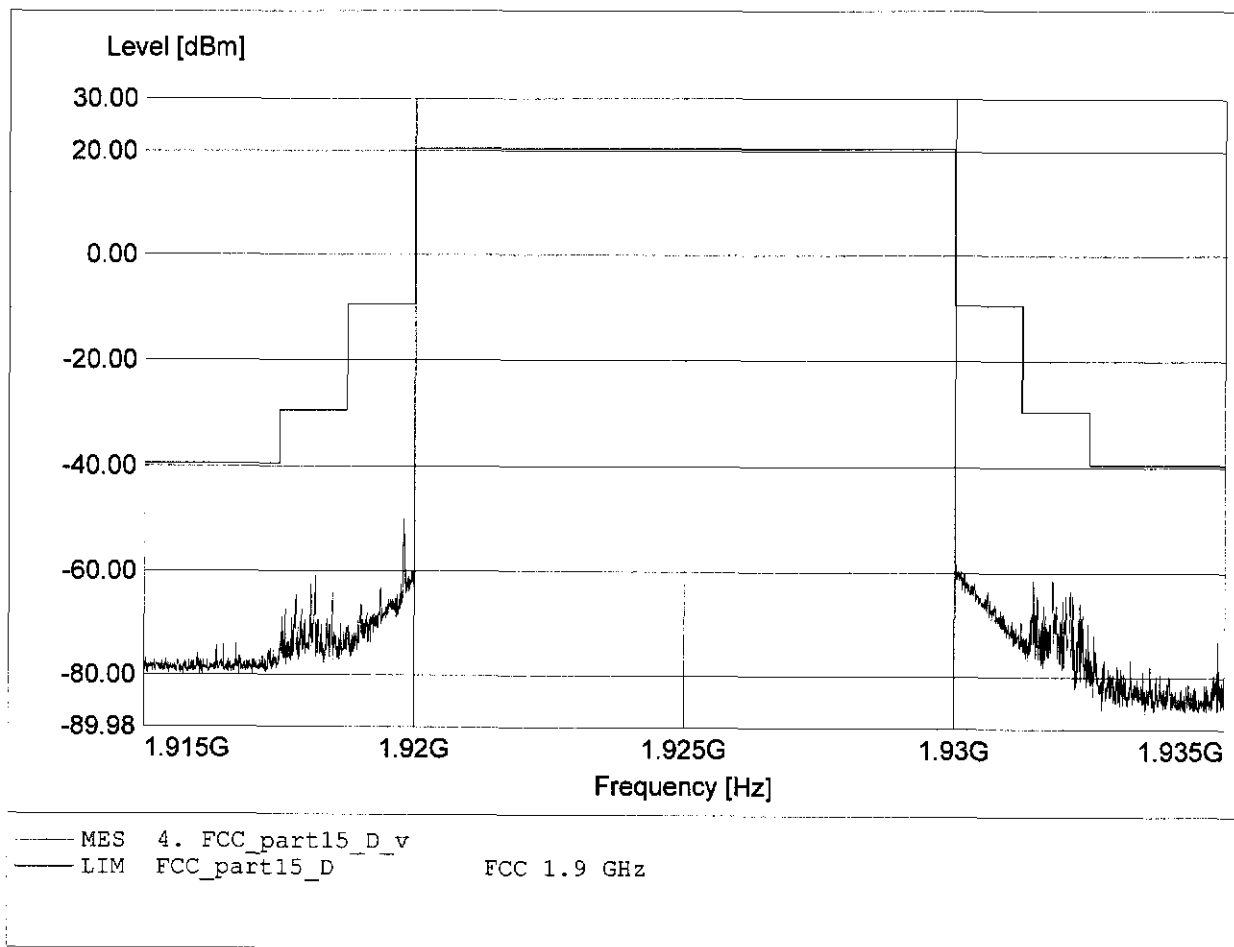
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.914GHz Pmax:-49.76dBm RBW: 1 MHz



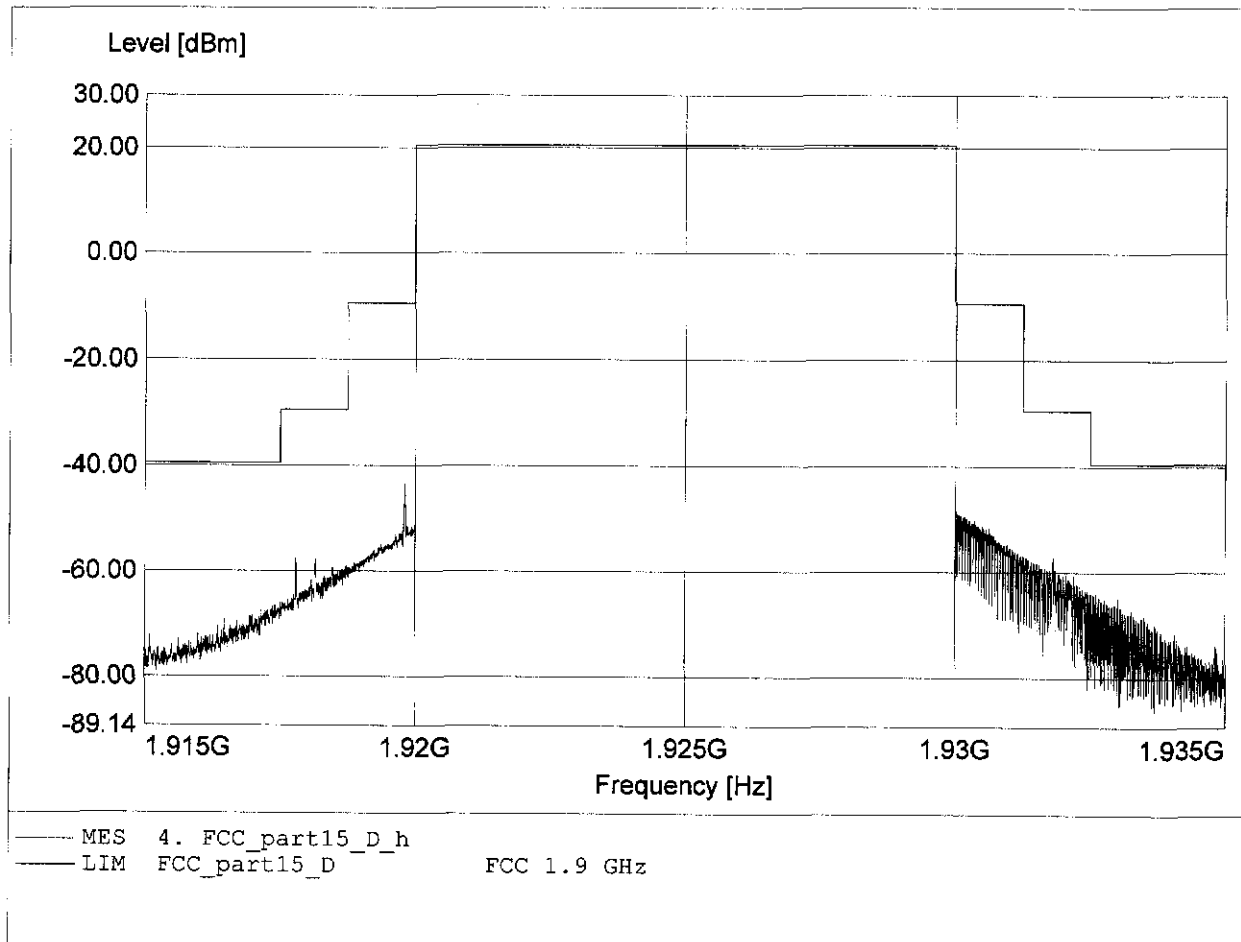
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-49.58dBm RBW:10 kHz



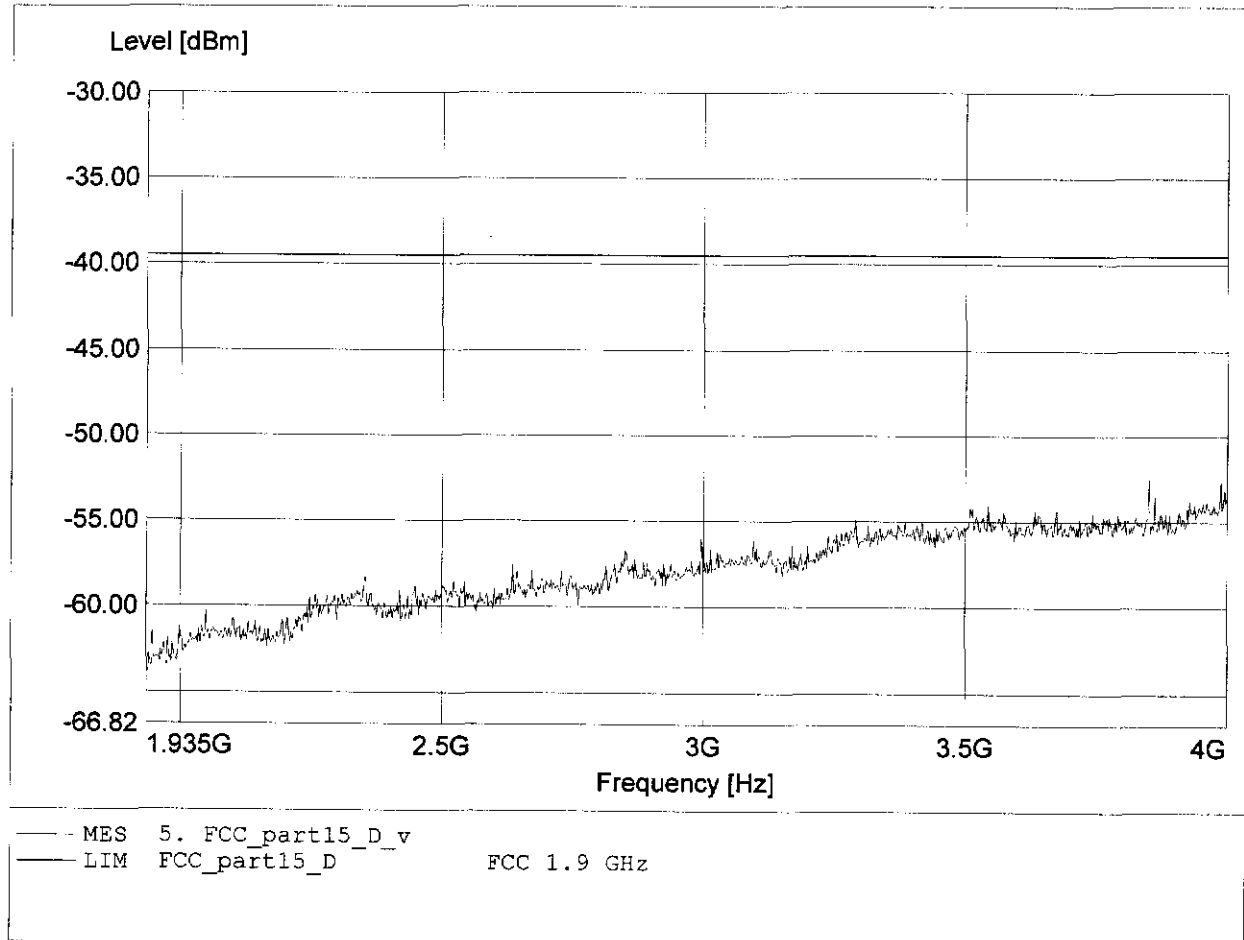
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-43.43dBm RBW:10 kHz



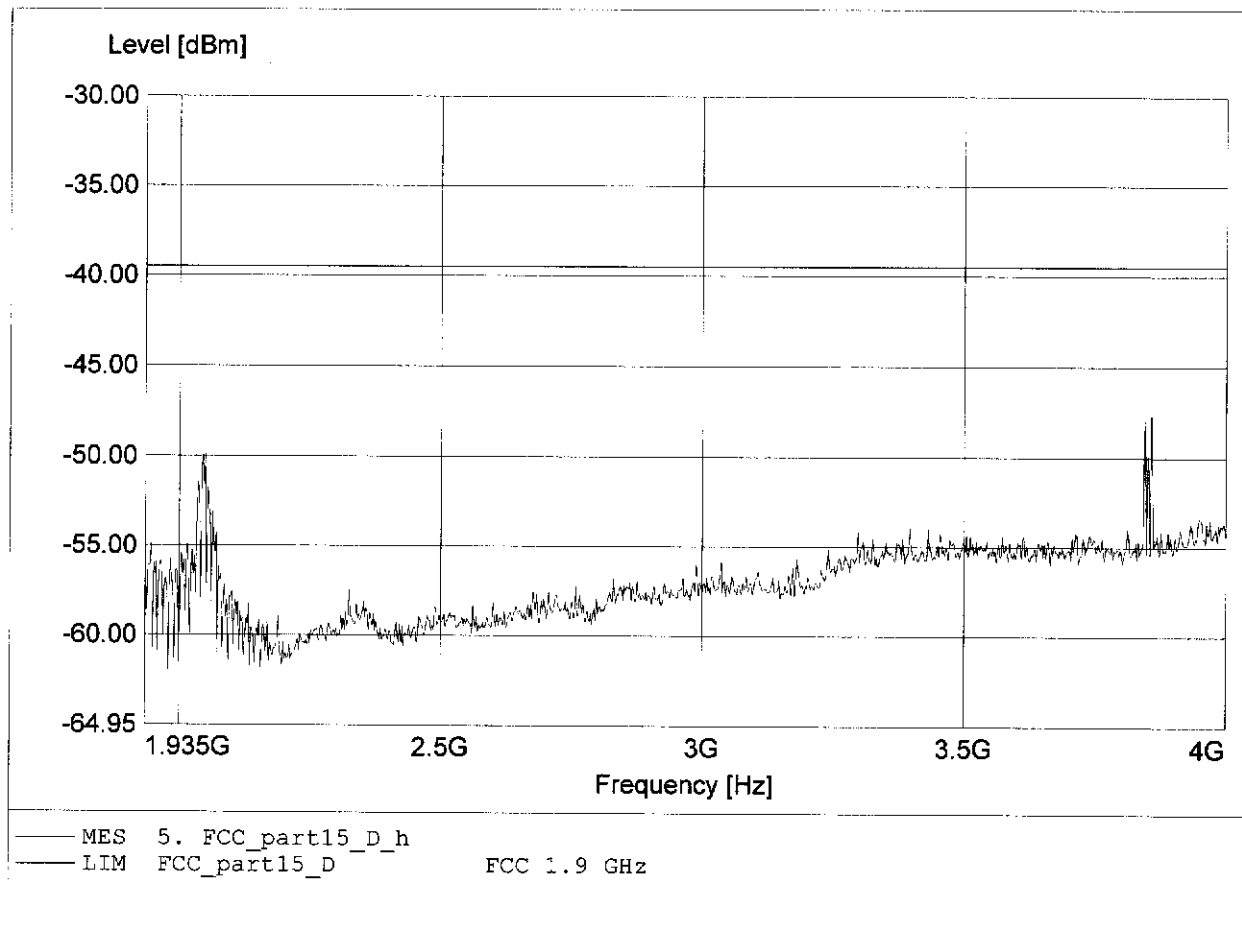
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.989GHz Pmax:-52.44dBm RBW: 1 MHz



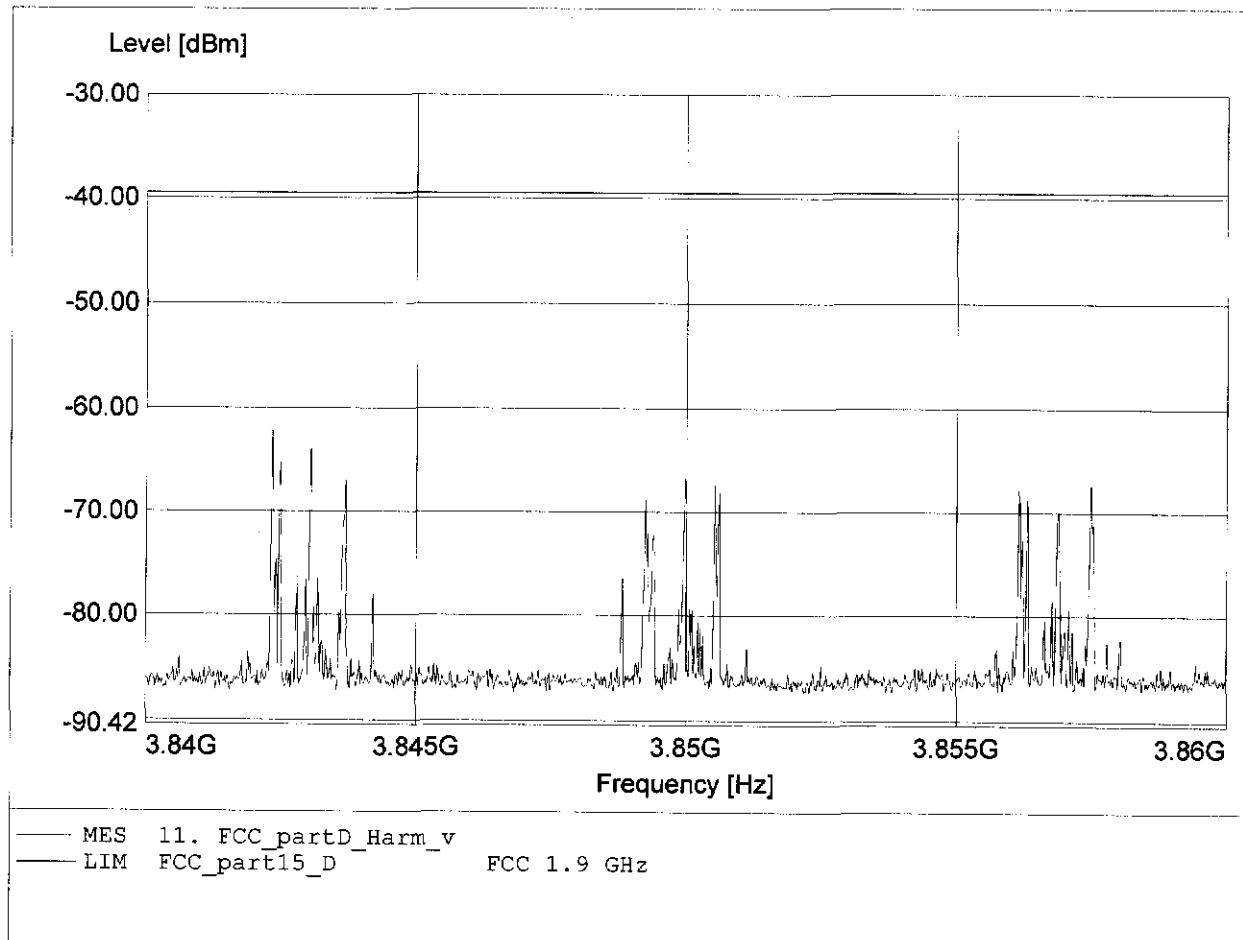
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.844GHz Pmax:-47.59dBm RBW: 1 MHz



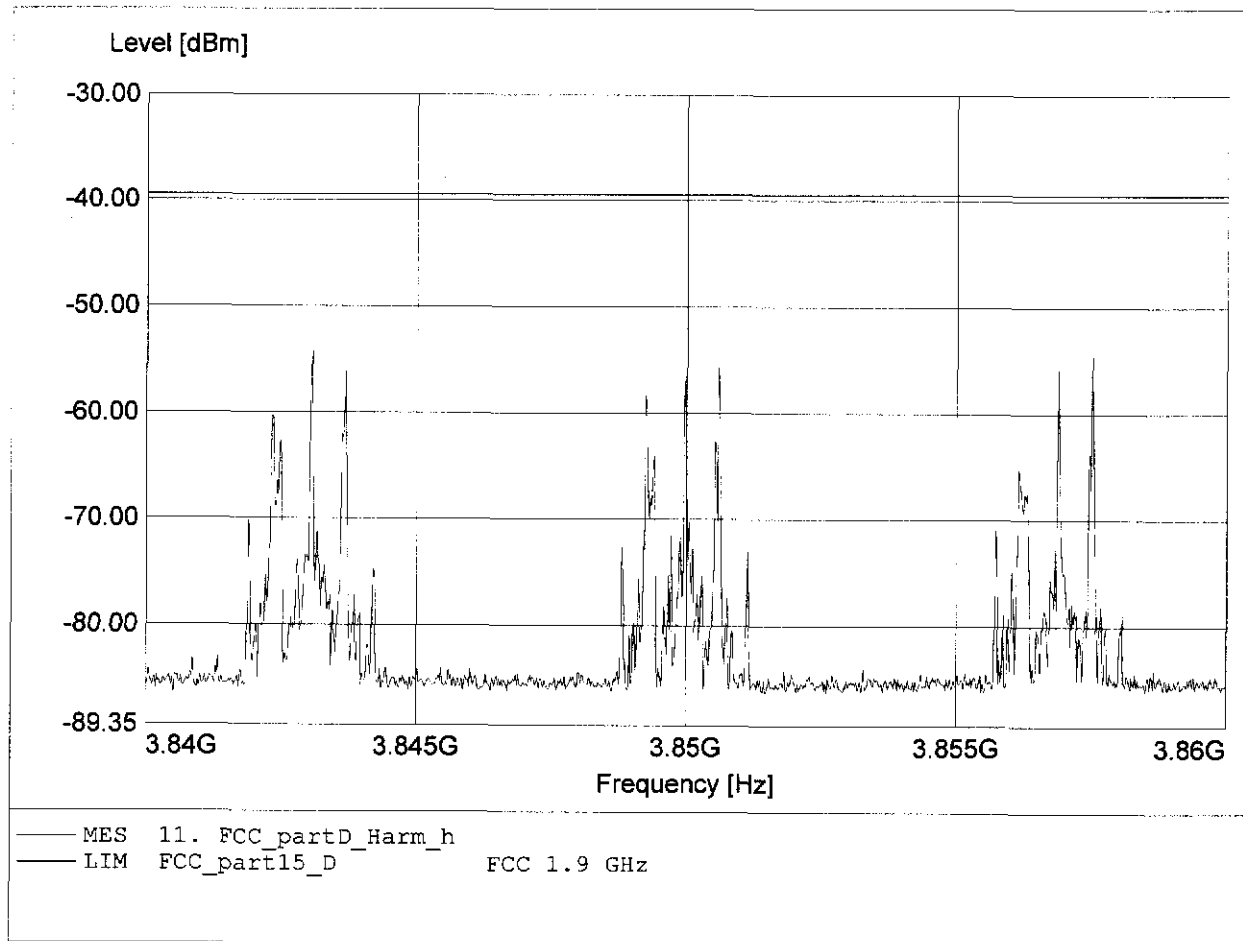
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.842GHz Pmax:-62.12dBm RBW:10 kHz



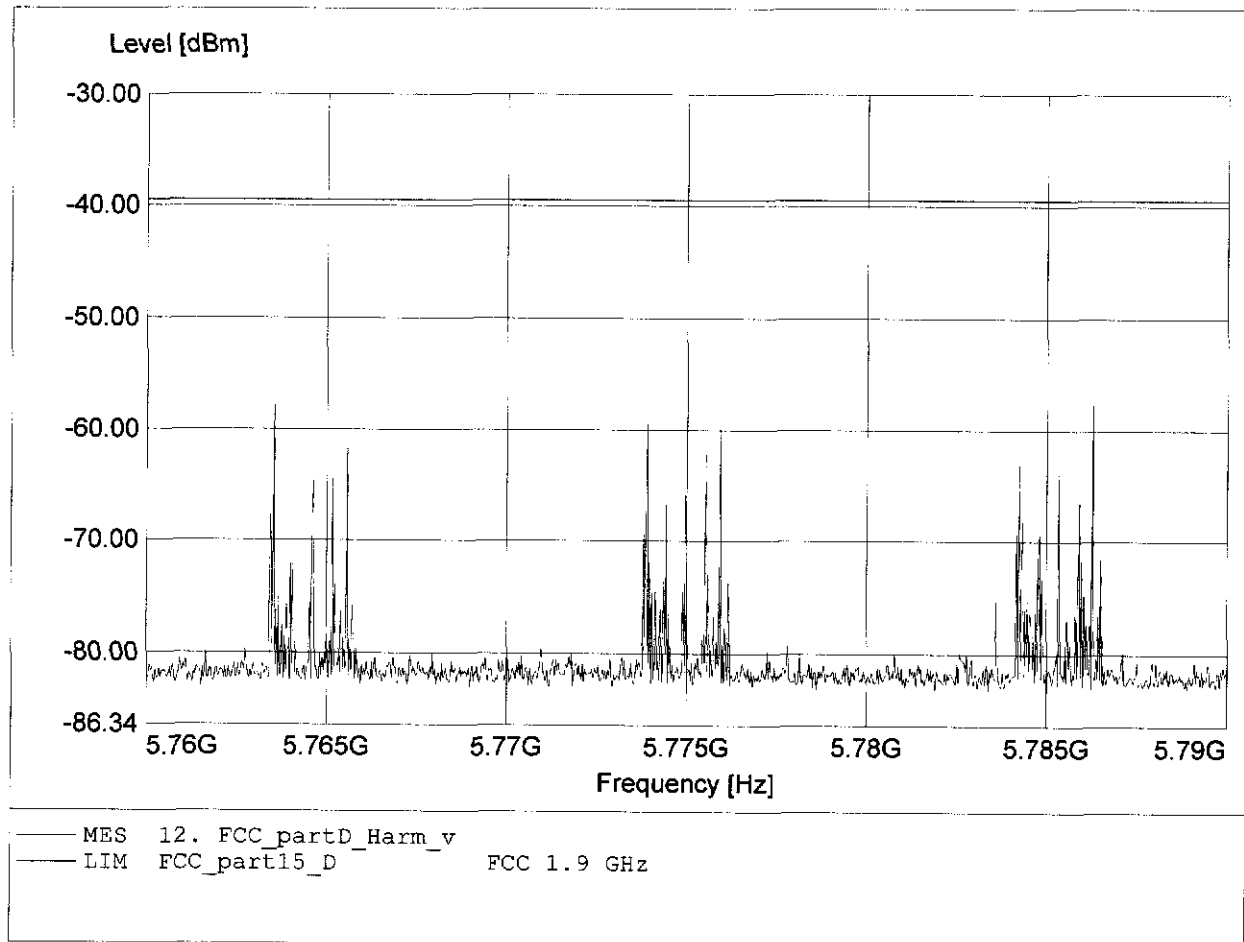
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.843GHz Pmax:-54.23dBm RBW:10 kHz



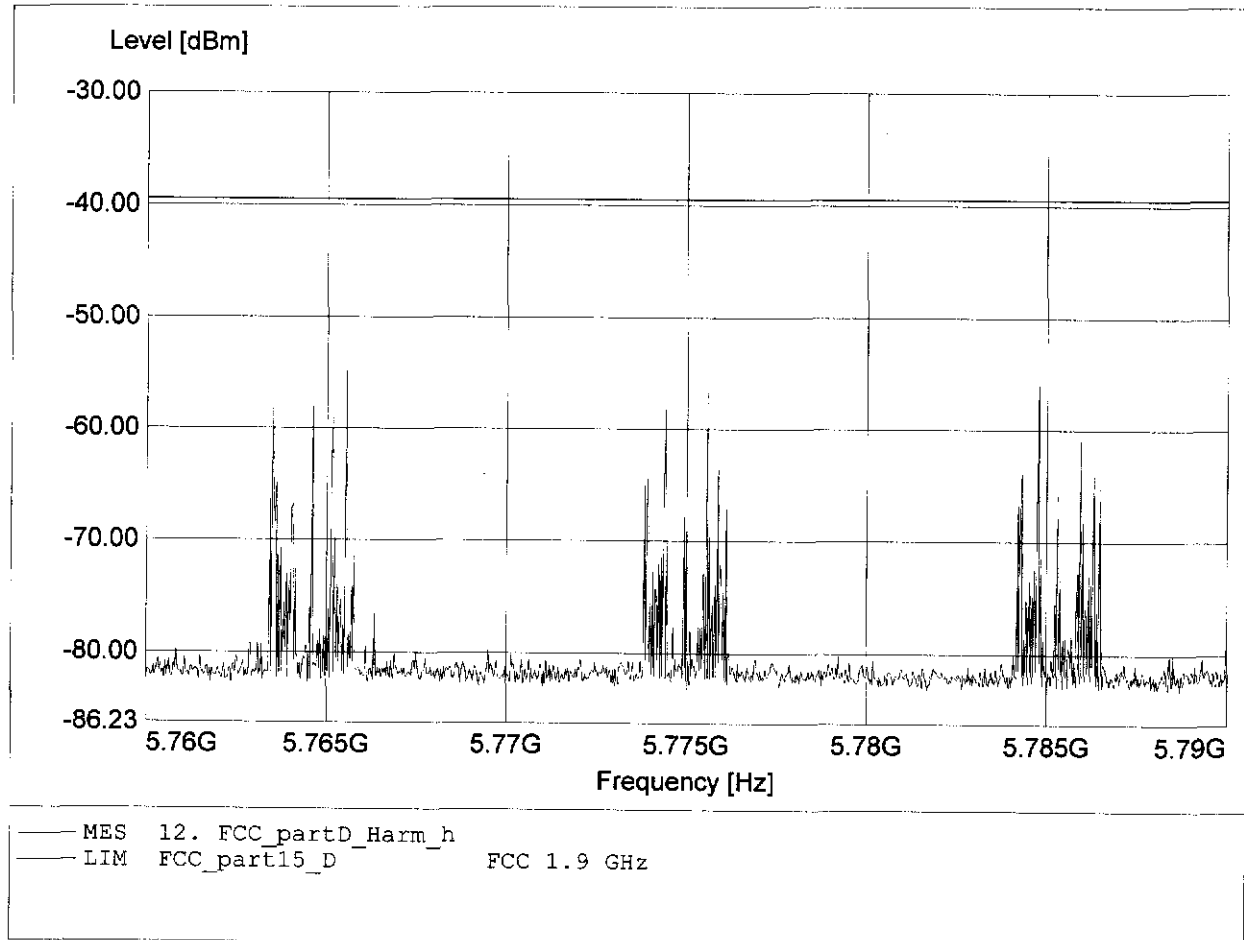
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.786GHz Pmax:-57.68dBm RBW:10 kHz



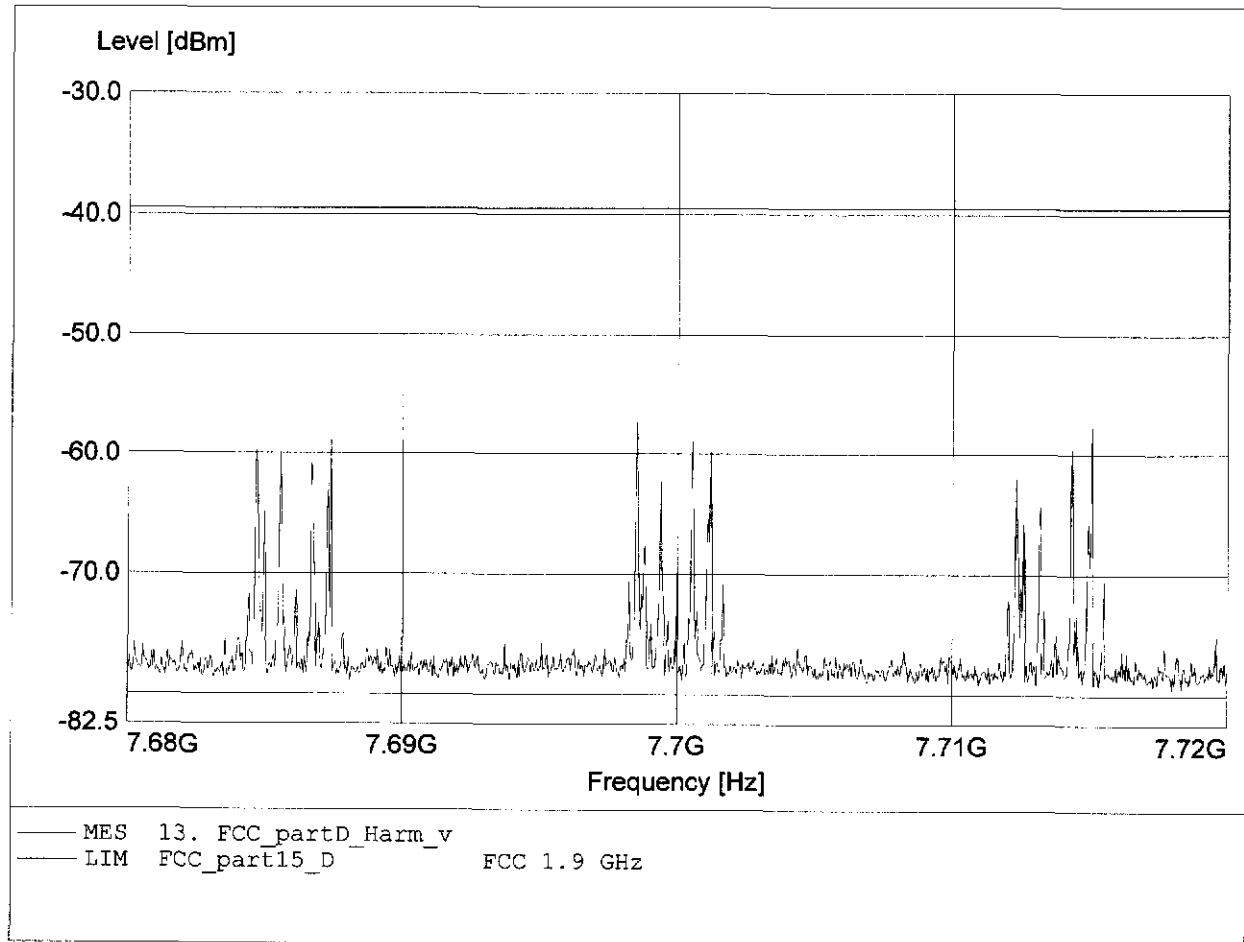
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.766GHz Pmax:-54.83dBm RBW:10 kHz



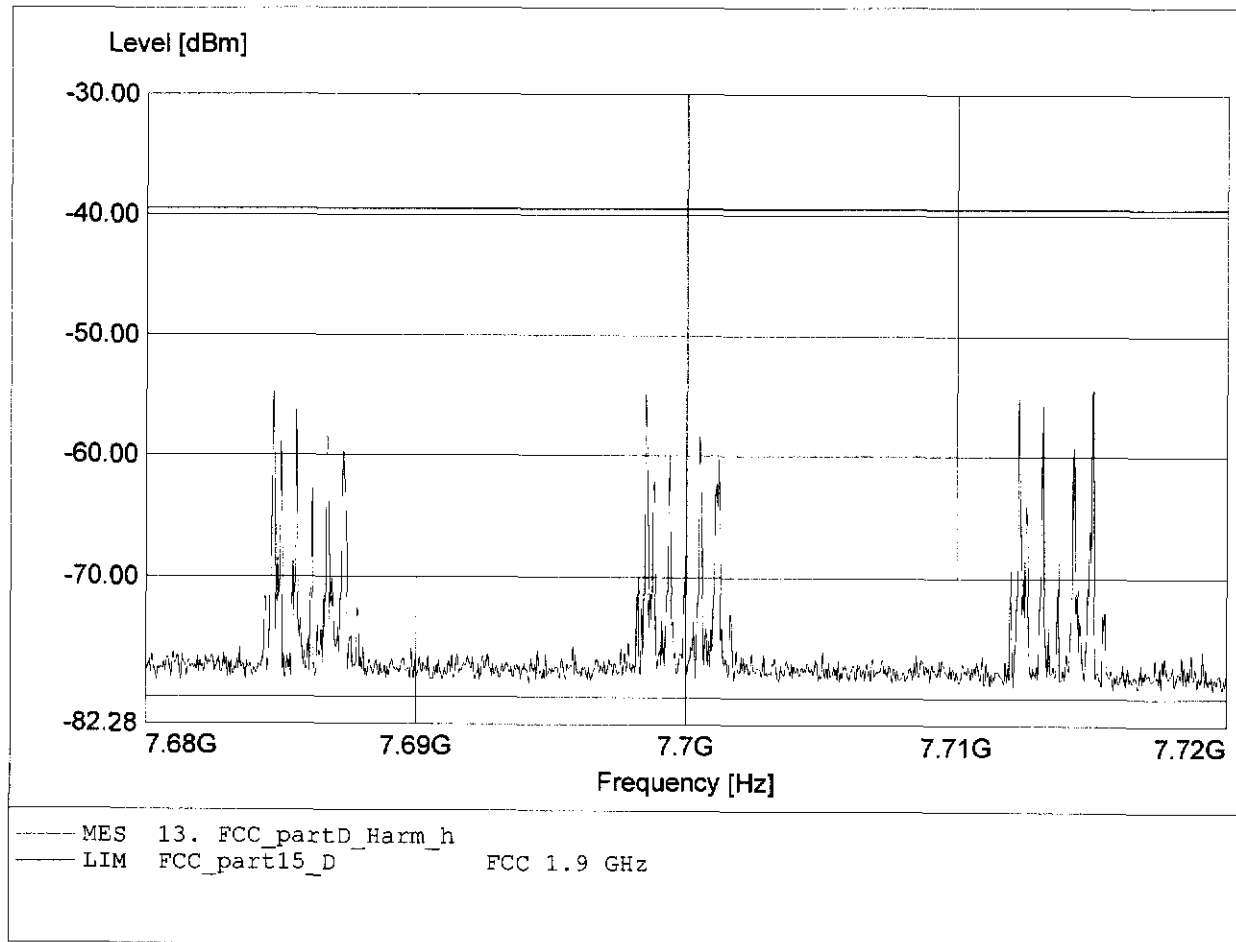
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.699GHz Pmax:-56.57dBm RBW:10 kHz



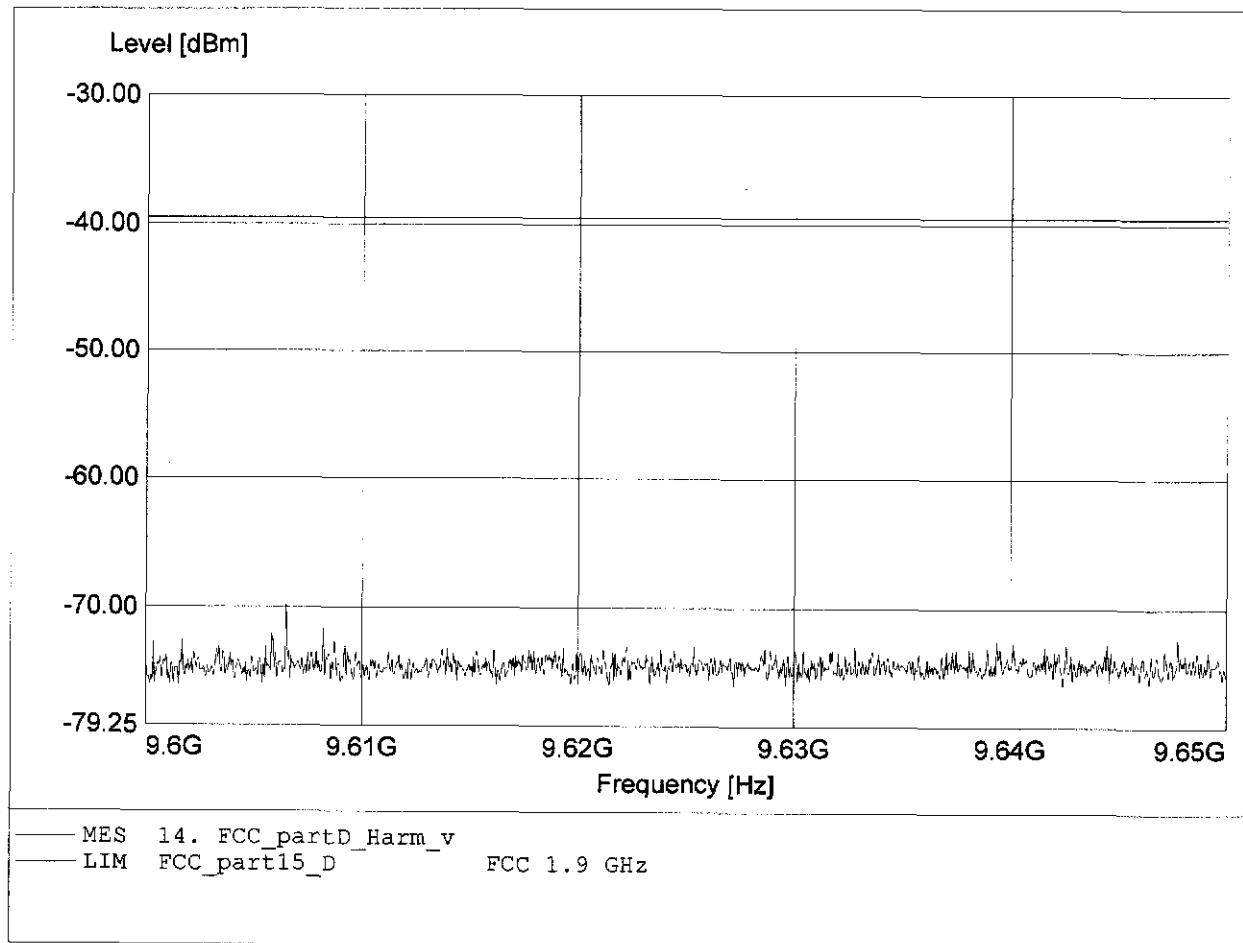
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.715GHz Pmax:-54.47dBm RBW:10 kHz



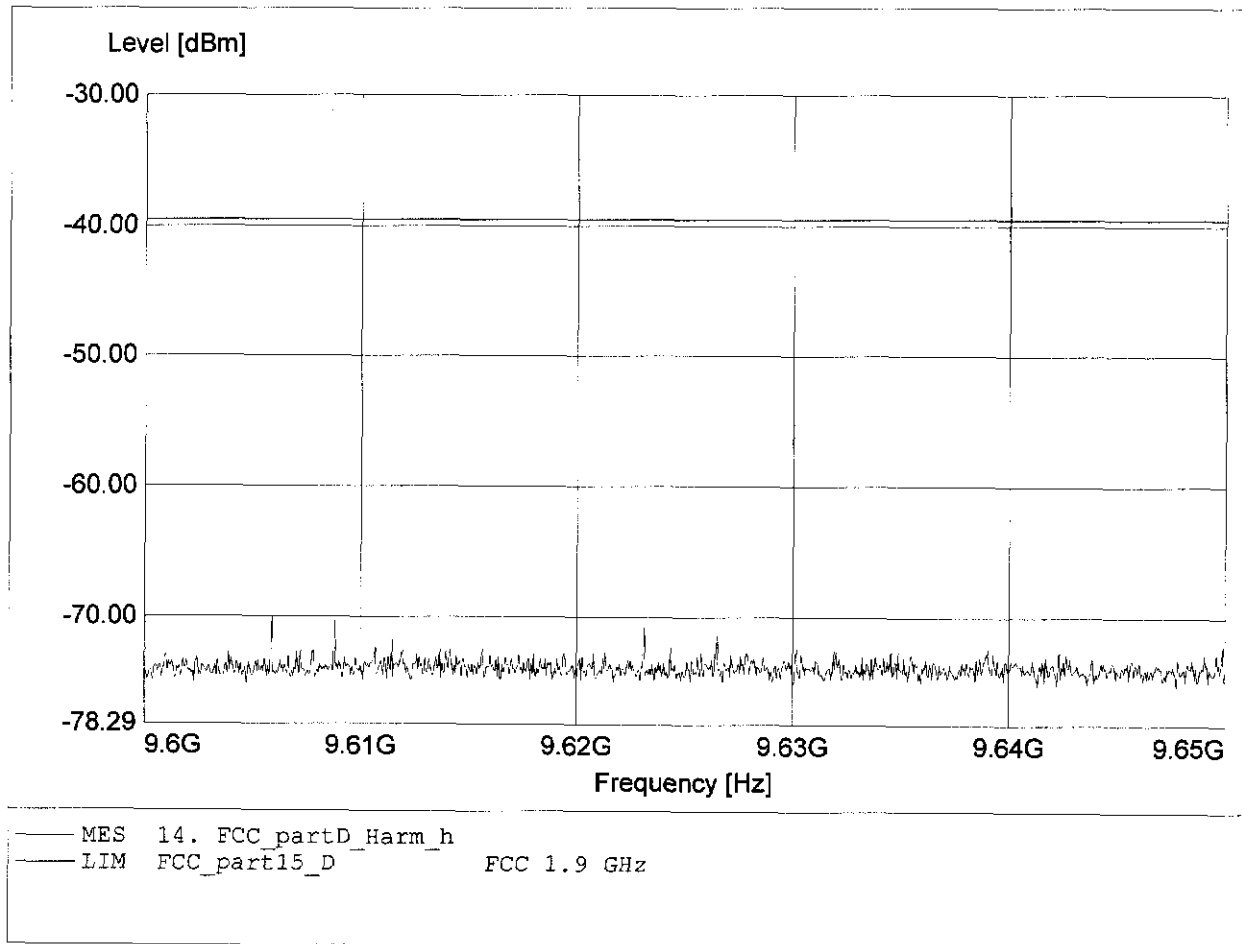
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.606GHz Pmax:-69.86dBm RBW:10 kHz



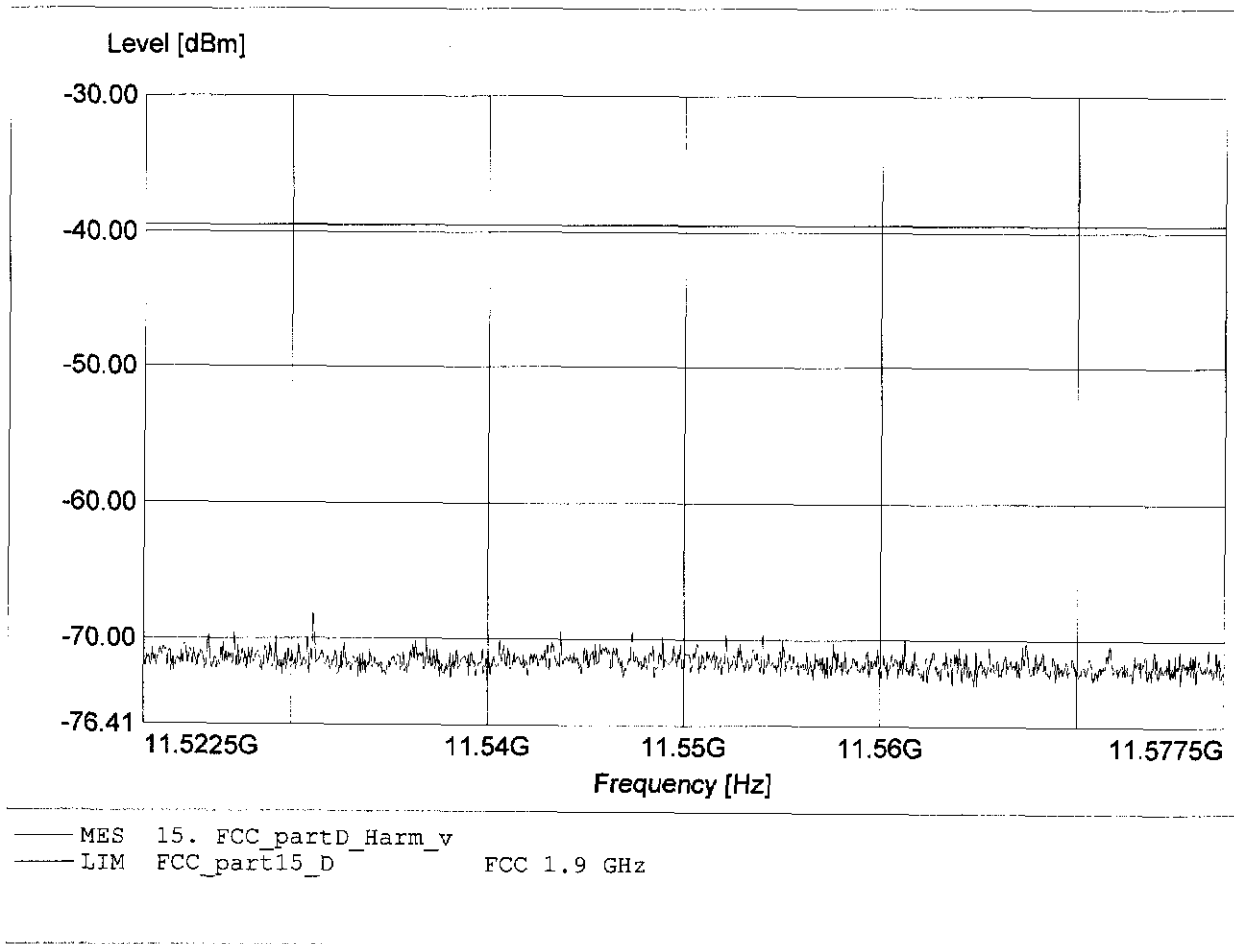
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq: 9.606GHz Pmax: -70.08dBm RBW: 10 kHz



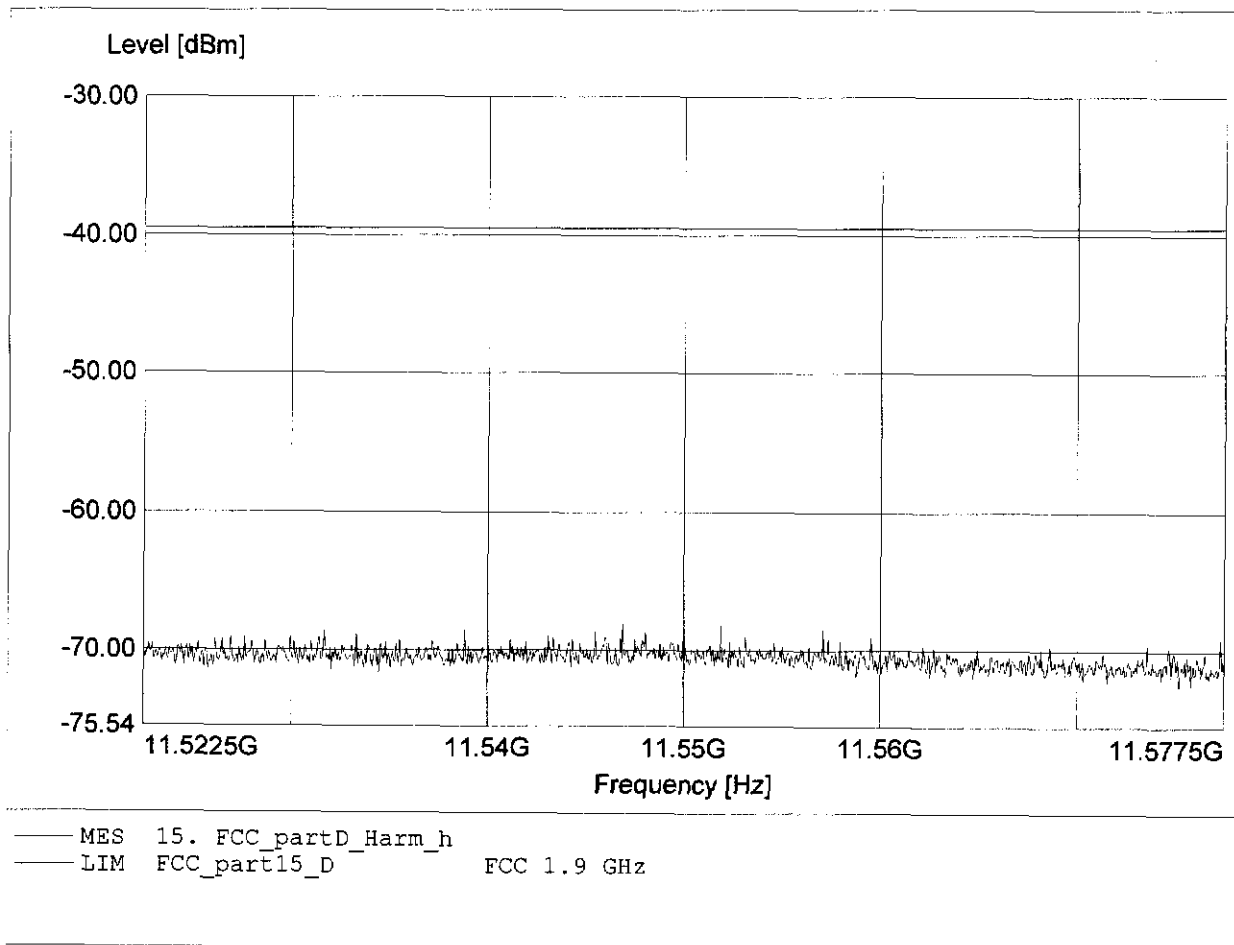
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.531GHz Pmax:-68.16dBm RBW:10 kHz



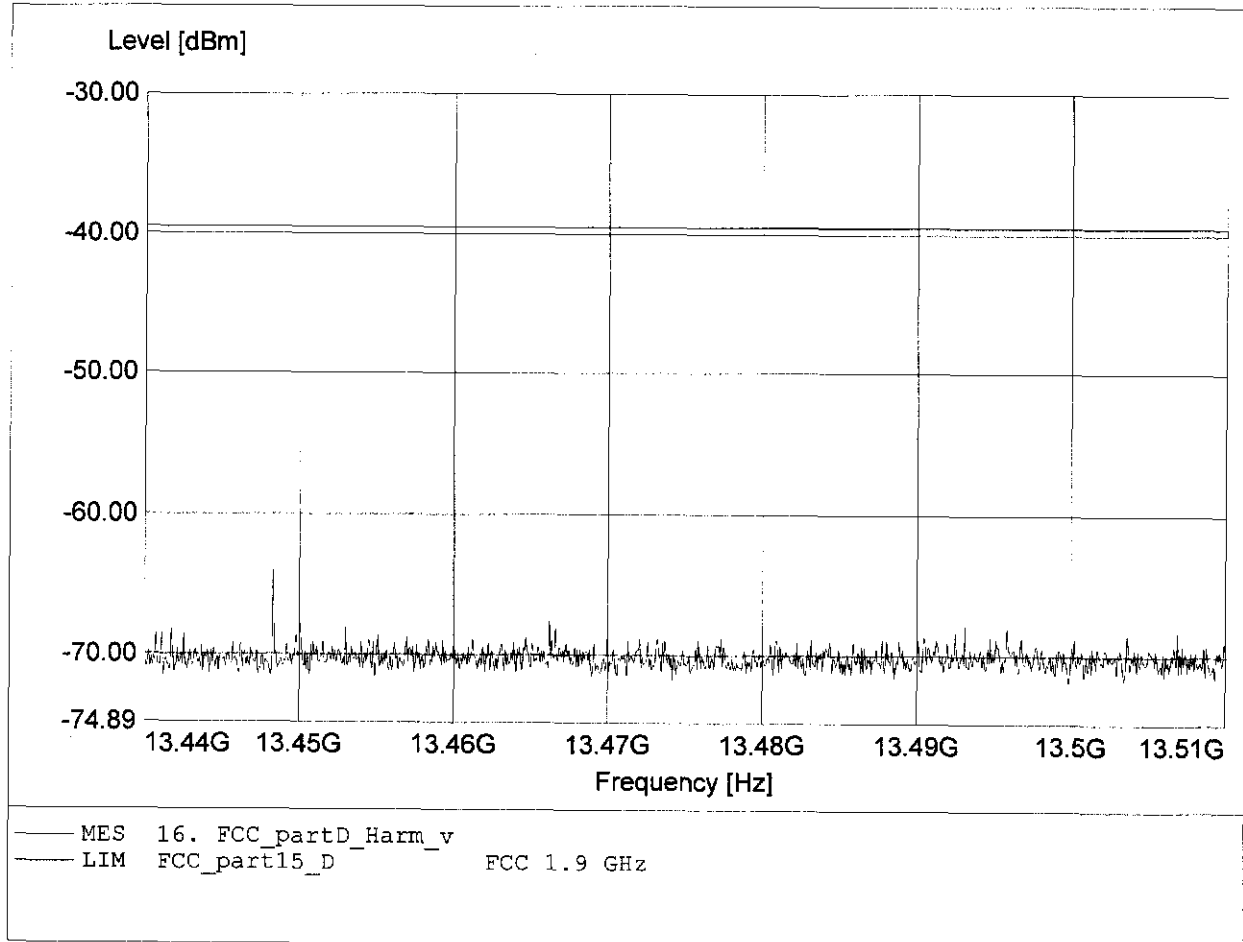
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.547GHz Pmax:-68.08dBm RBW:10 kHz



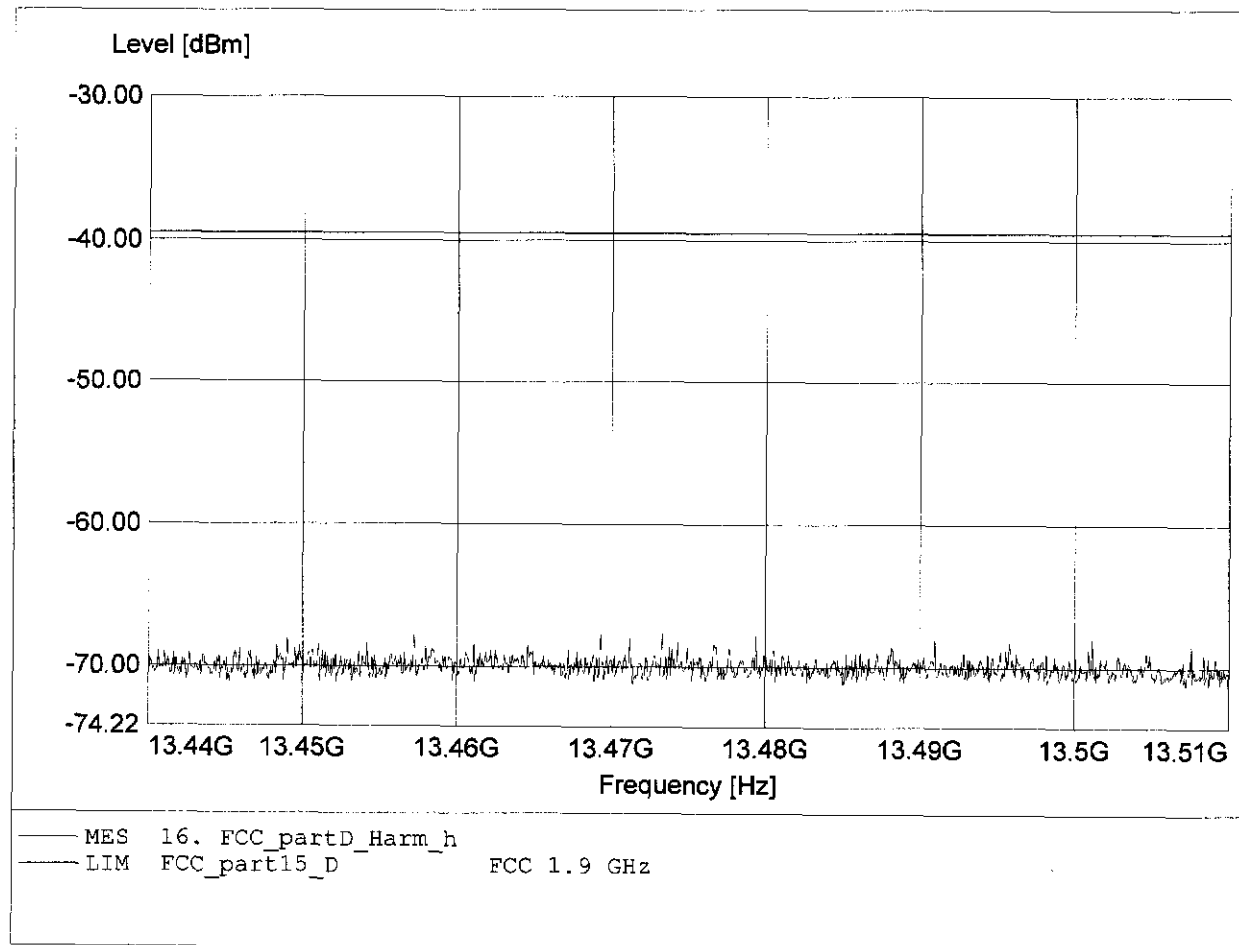
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:13.448GHz Pmax:-64.06dBm RBW:10 kHz



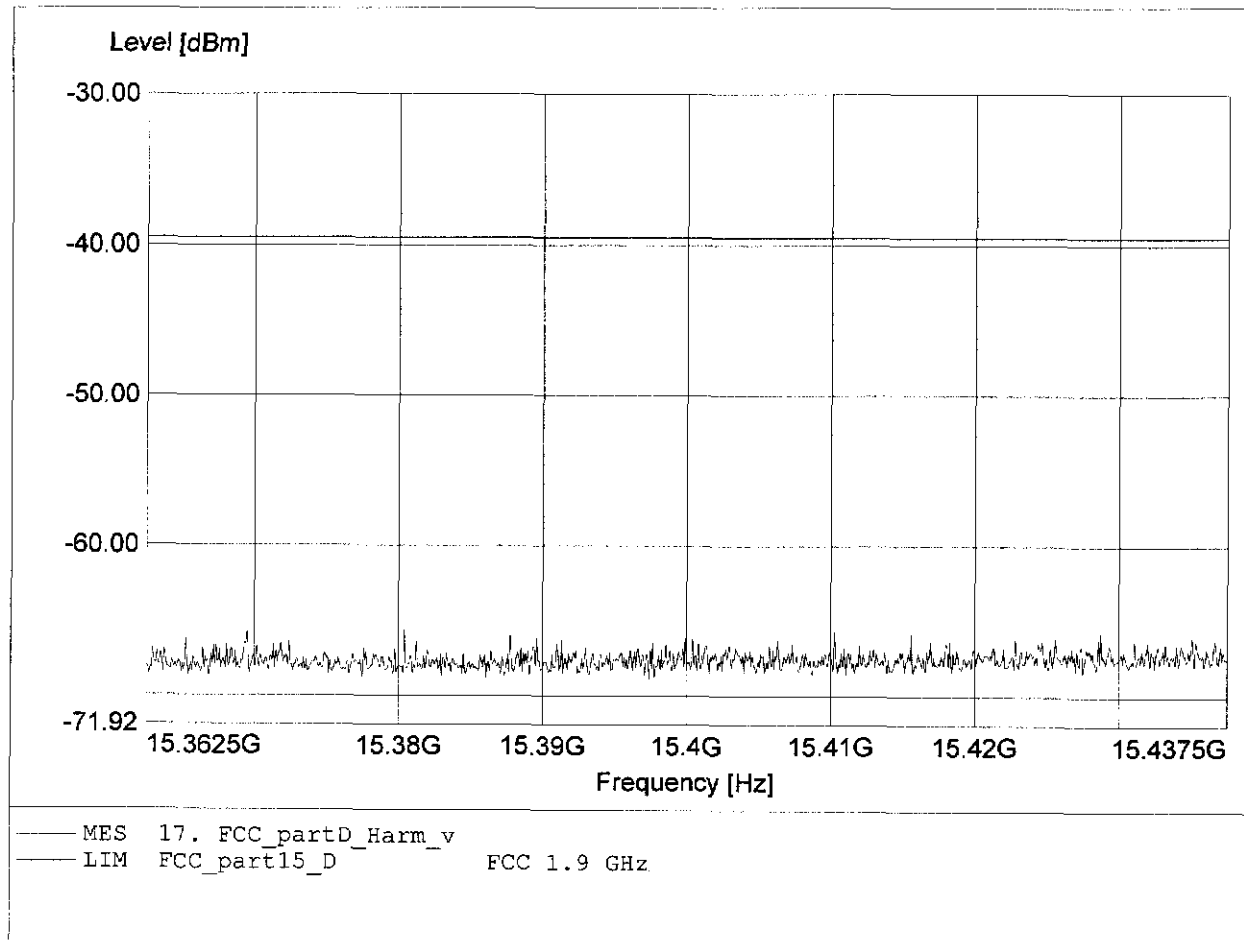
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:13.473GHz Pmax:-67.66dBm RBW:10 kHz



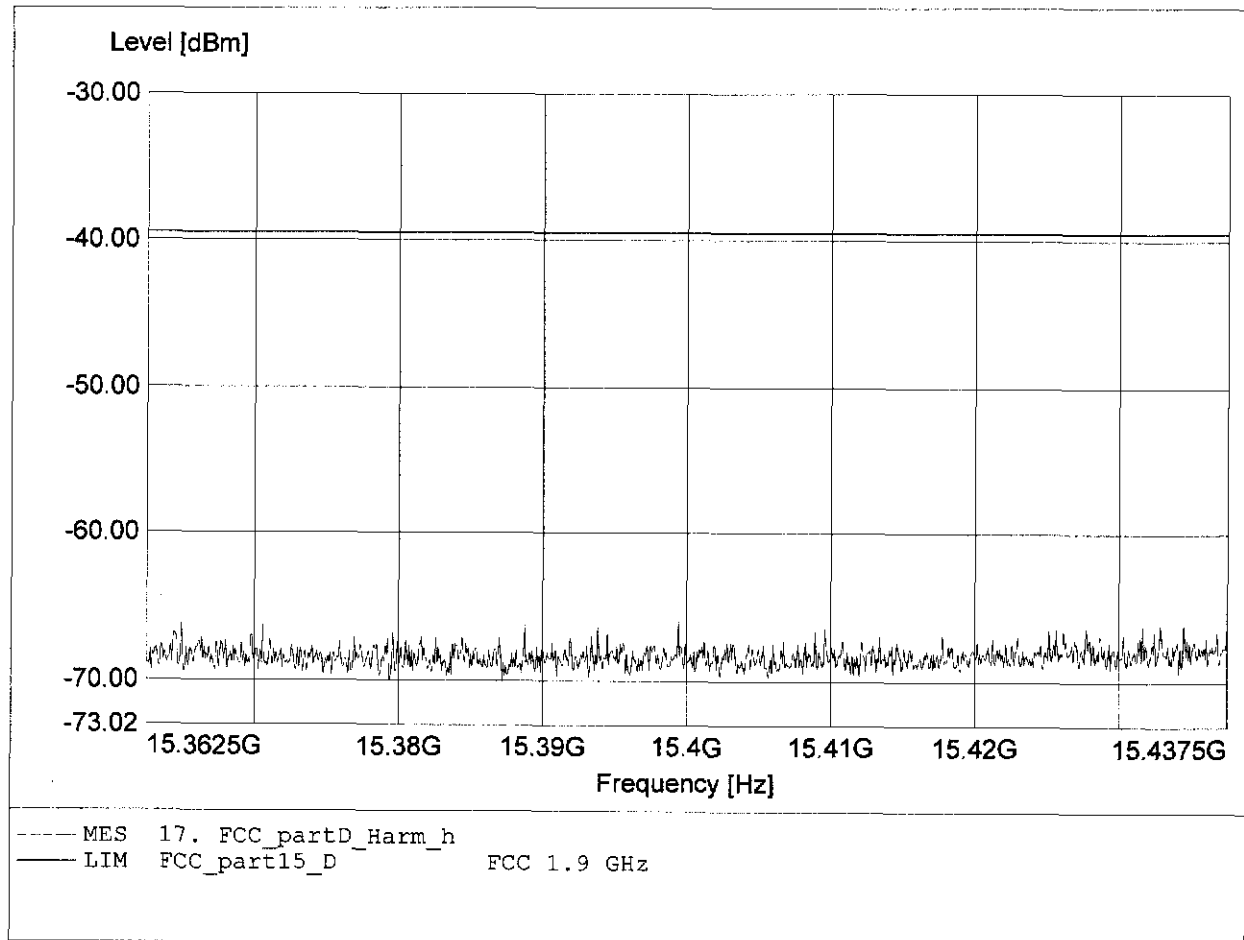
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:15.429GHz Pmax:-65.48dBm RBW:10 kHz



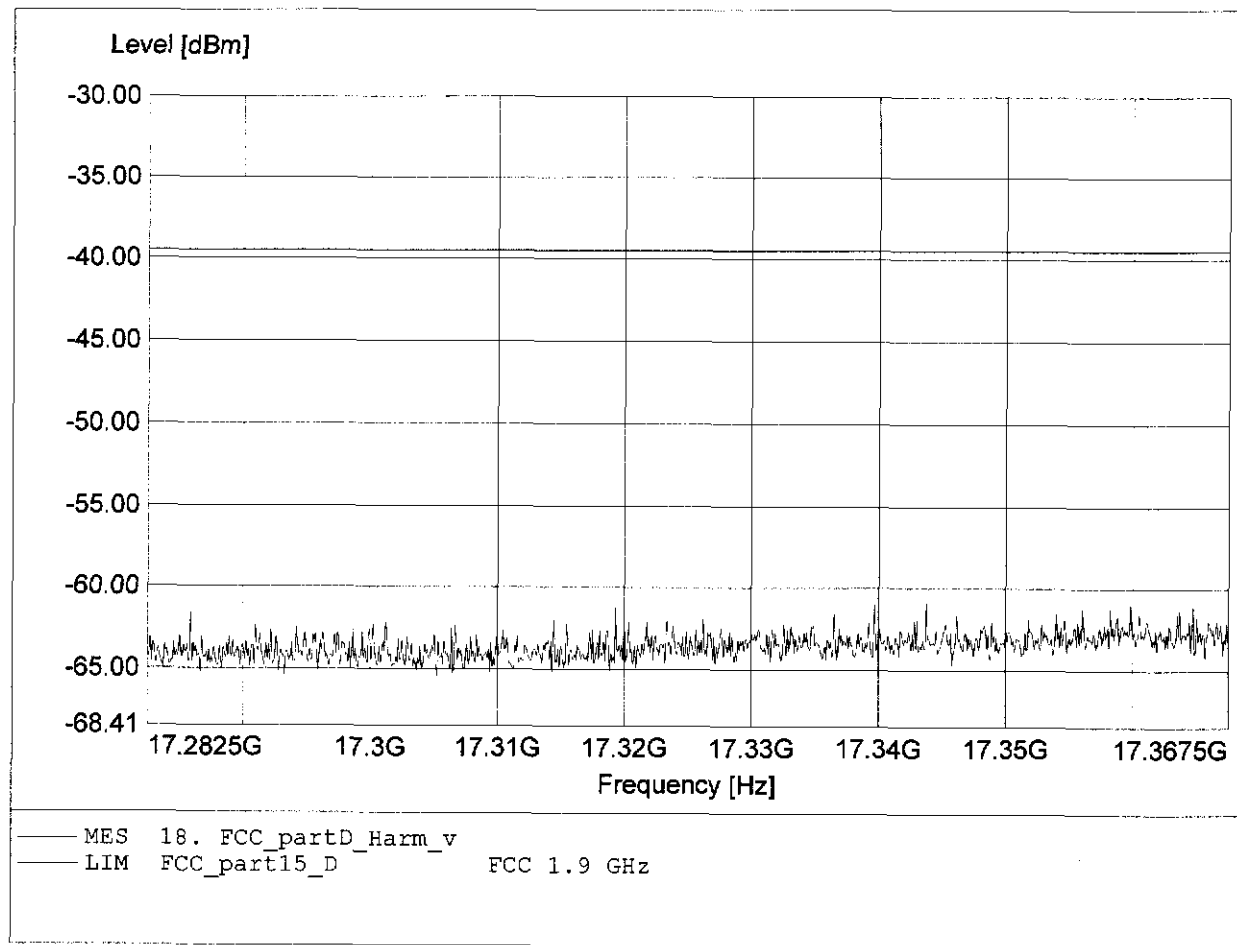
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:15.399GHz Pmax:-65.72dBm RBW:10 kHz



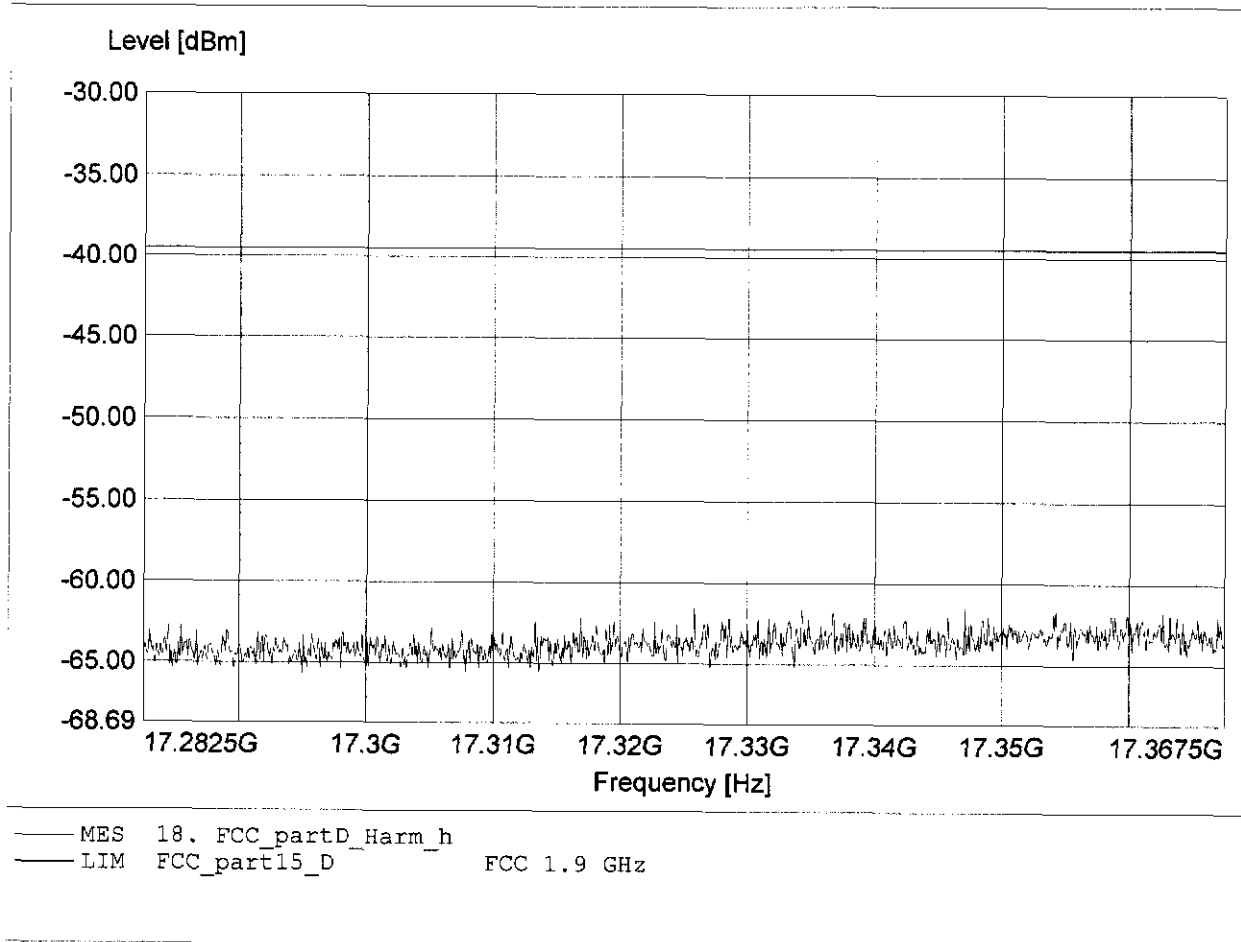
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:17.360GHz Pmax:-60.71dBm RBW:10 kHz



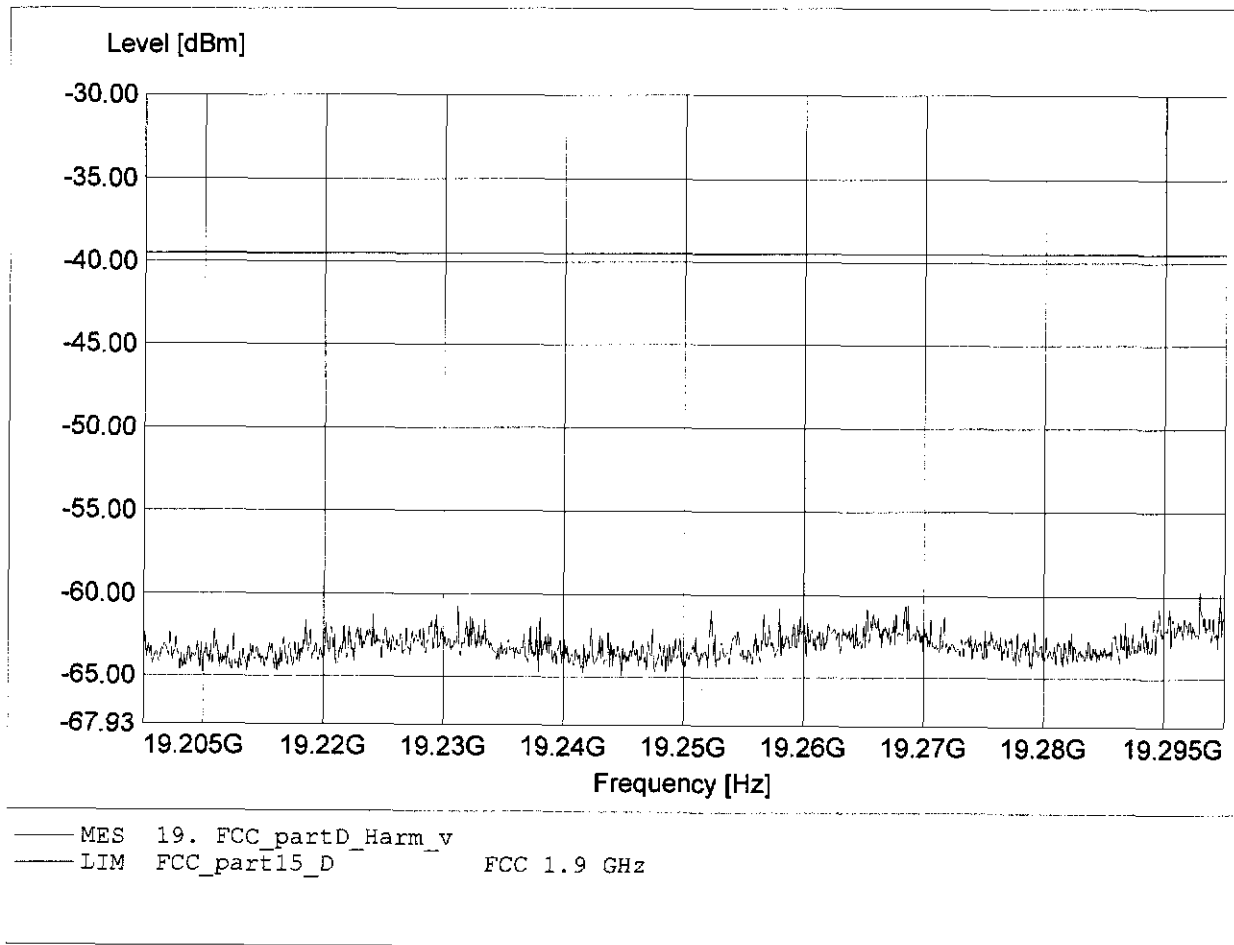
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:17.347GHz Pmax:-61.32dBm RBW:10 kHz



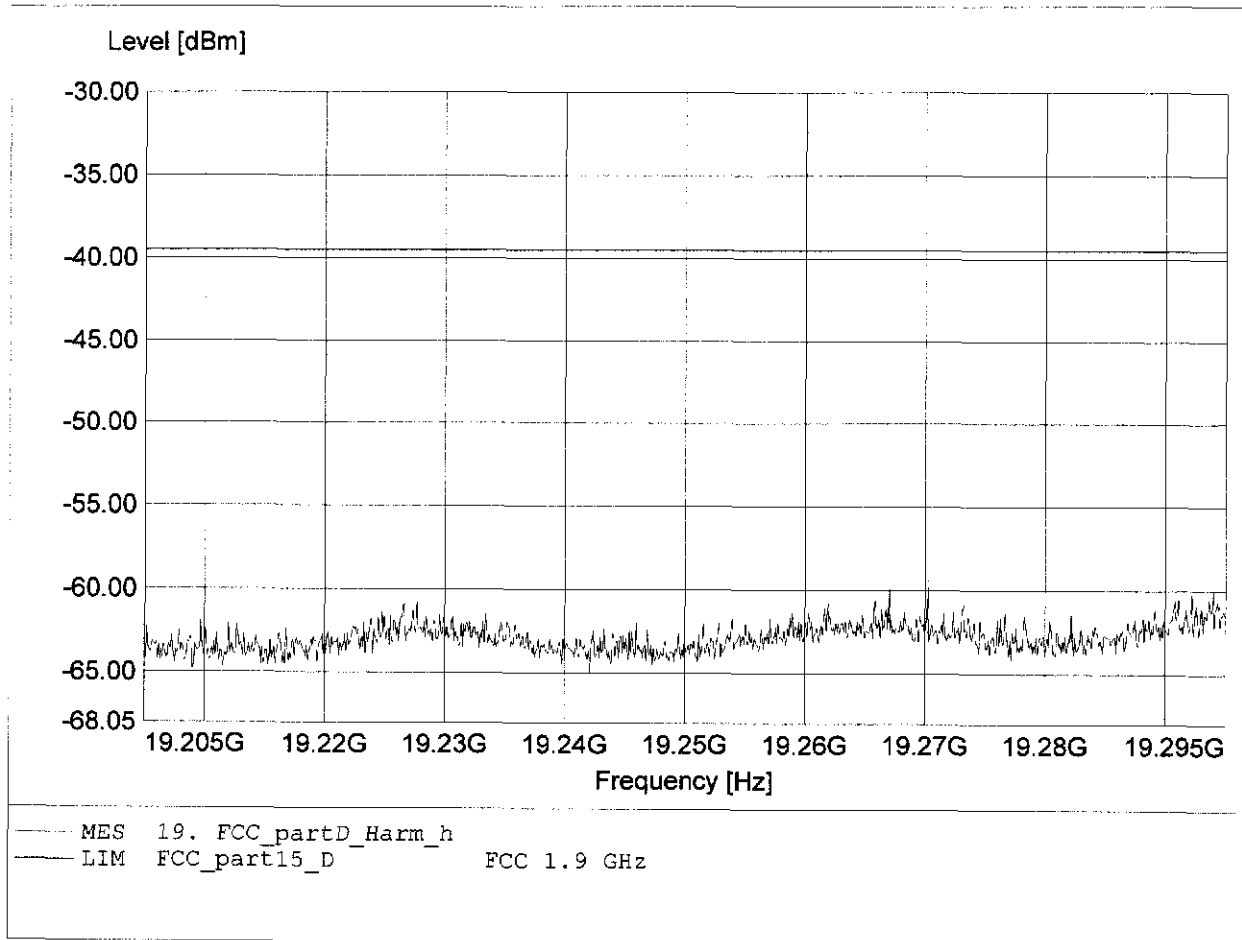
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: RTX America Inc.
EUT: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:19.293GHz Pmax:-59.70dBm 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: Handset RTX3080
Model: RTX3080 / ant.: 2 / ch.: 0,2,4
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.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:19.270GHz Pmax:-59.39dBm RBW:10 kHz





Appendix T

Frame period

Frame Repetition Stability / Frame Period and Jitter

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

Measurement results Portable Part

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

Frame Repetition Stability

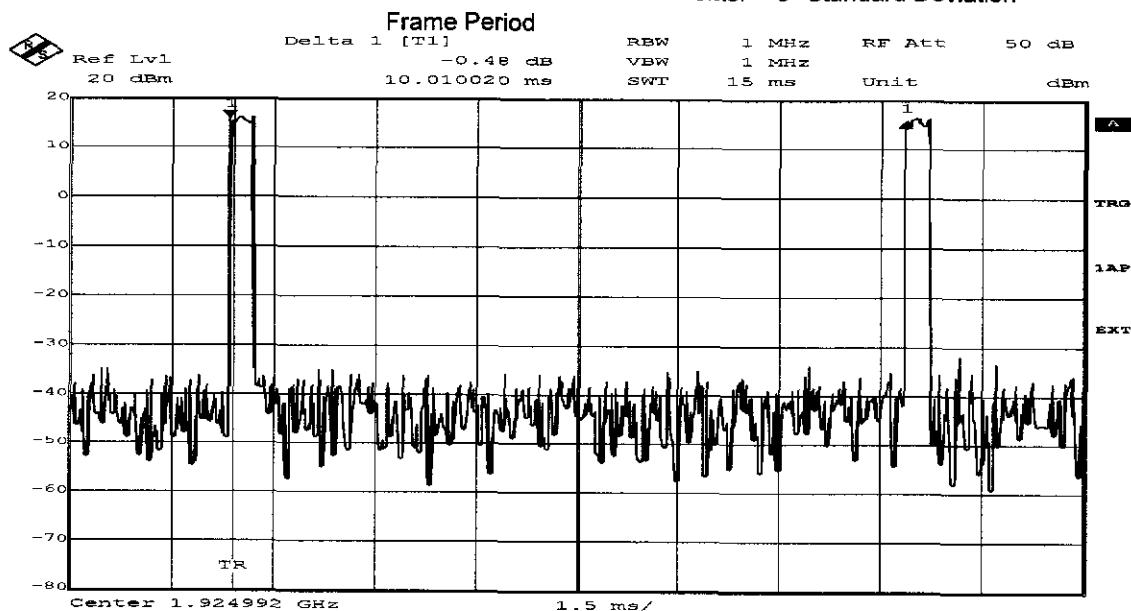
Frequency (MHz)	Standard Deviation (Hz)	Mean (Hz)	Frame Repetition Stability (ppm)
1924.992	5.73222E-06	99.99997906	0.172

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

Jitter Measurement

Frequency (MHz)	Standard Deviation (μ s)	Mean (ms)	Jitter (μ s)
1924.992	0.165	10.00000209	0.495

Jitter = 3* Standard Deviation



Title: Frame Periode DECT PP
Date: 22.AUG.2005 18:52:19

Appendix U

Frequency stability

Frequency Stability § 15.323 (f)

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

Measurement results Portable 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	-23.264	-14.087	-12.09	1924.973381	Reference
0	Vnom	1924.992	-25.911	-15.205	-13.46	1924.971472	0.99
55	Vnom	1924.992	-22.536	-9.638	-11.71	1924.977943	-2.37

Limit : 10 ppm

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

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

FM = Measured frequency of carrier

