

Appendix S

Emissions inside and outside the sub-band

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

Testprocedure ANSI 63.17-1998 6.1.6.1

UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.1 In-band unwanted emission

1.432MHz



In-band unwanted emis

*RBW 10 kHz

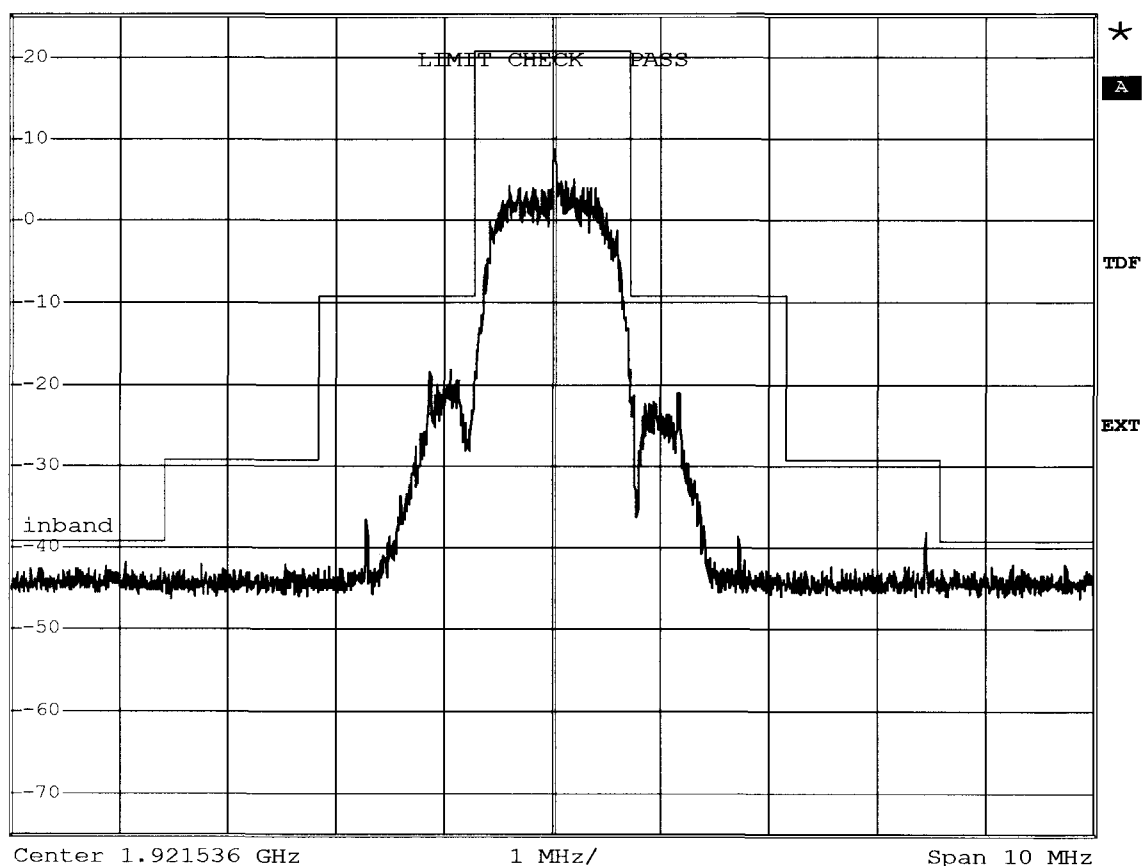
*VBW 30 kHz

*SWT 23 s

Ref 25 dBm

*Att 40 dB

1 PK
MAXH



Comment: Ansi C63.17-1998 6.1.6.1

Date: 24.SEP.2005 14:34:14

Measurement diagram

FCC Part 15.323(d.2) In-band unwanted emission**Testprocedure ANSI 63.17-1998 6.1.6.1
UPCS**

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.1 In-band unwanted emission

1.432MHz



In-band unwanted emis

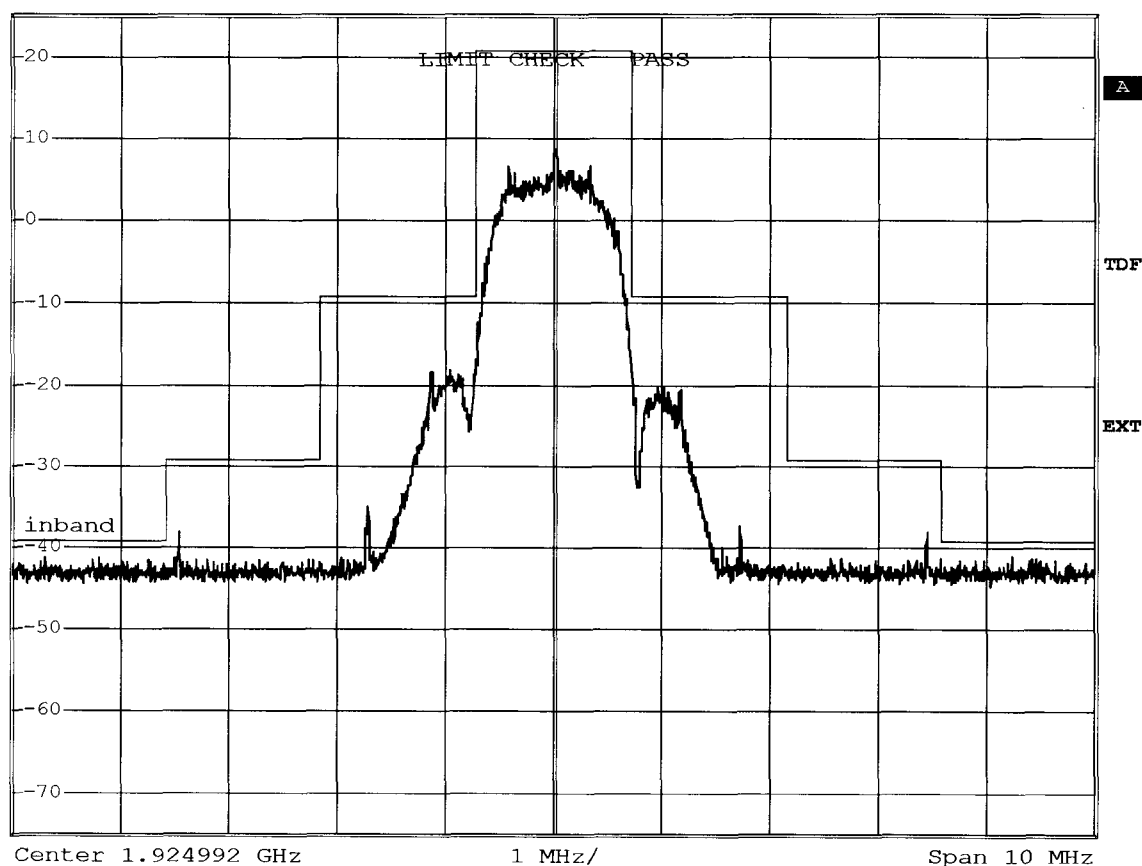
*RBW 10 kHz

*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: 24.SEP.2005 14:43:43

Measurement diagram

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

Testprocedure ANSI 63.17-1998 6.1.6.1
UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.1 In-band unwanted emission

1.432MHz



In-band unwanted emis

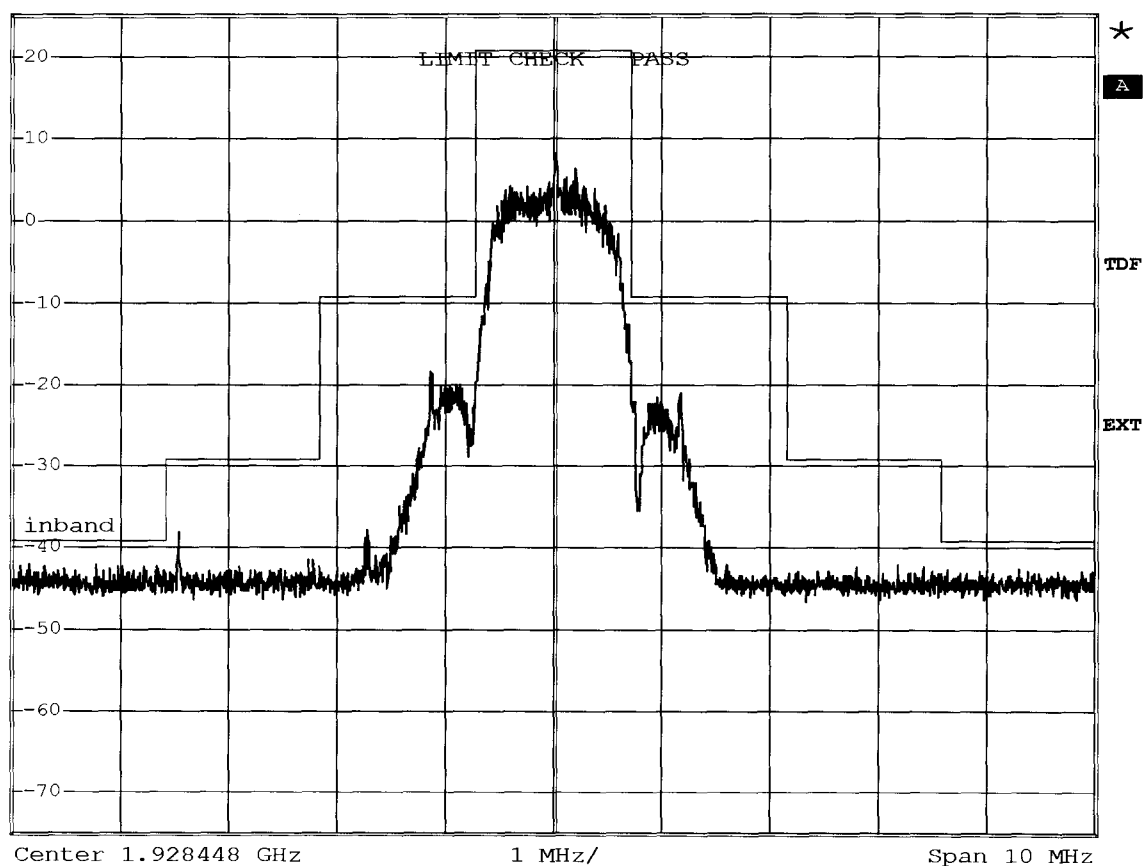
*RBW 10 kHz

*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: 24.SEP.2005 14:44:50

Measurement diagram

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

Testprocedure ANSI 63.17-1998 6.1.6.2
UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
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

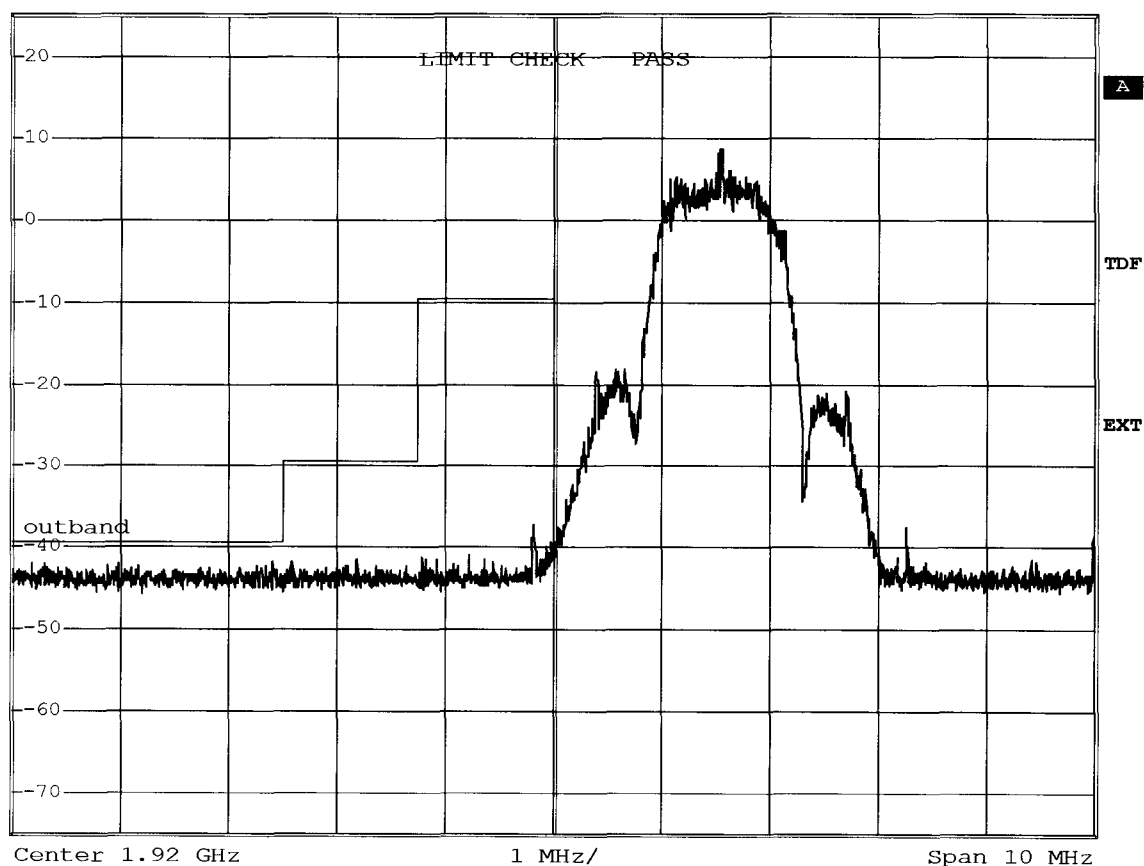
*RBW 10 kHz

*VBW 30 kHz

*SWT 23 s

Ref 25 dBm

*Att 40 dB

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.6.2

Date: 24.SEP.2005 14:55:35

Measurement diagram

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

Testprocedure ANSI 63.17-1998 6.1.6.2 UPCS

EUT	GN9300 UPCS Headset
Model	GN9300
Applicant	RTX Telecom A/S
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

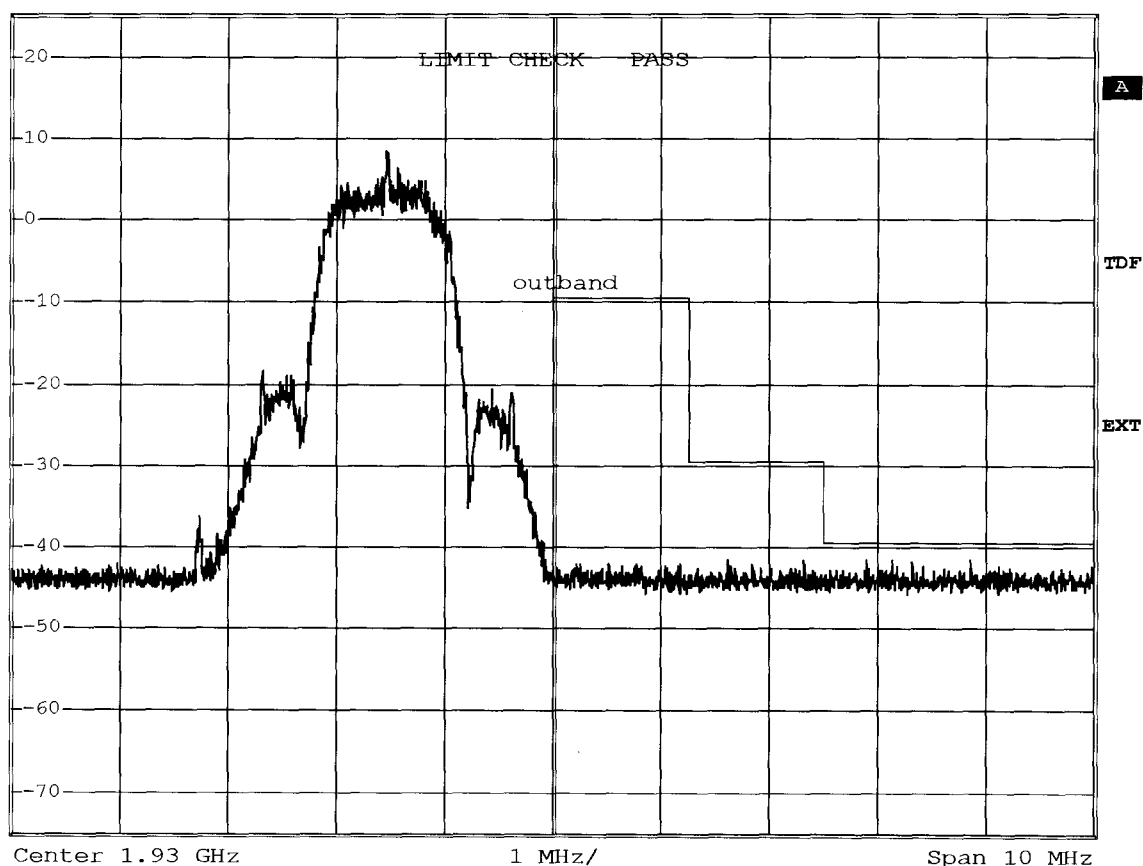
*RBW 10 kHz

*VBW 30 kHz

*SWT 23 s

Ref 25 dBm

*Att 40 dB

1 PK
MAXH

Comment: Ansi C63.17-1998 6.1.6.2

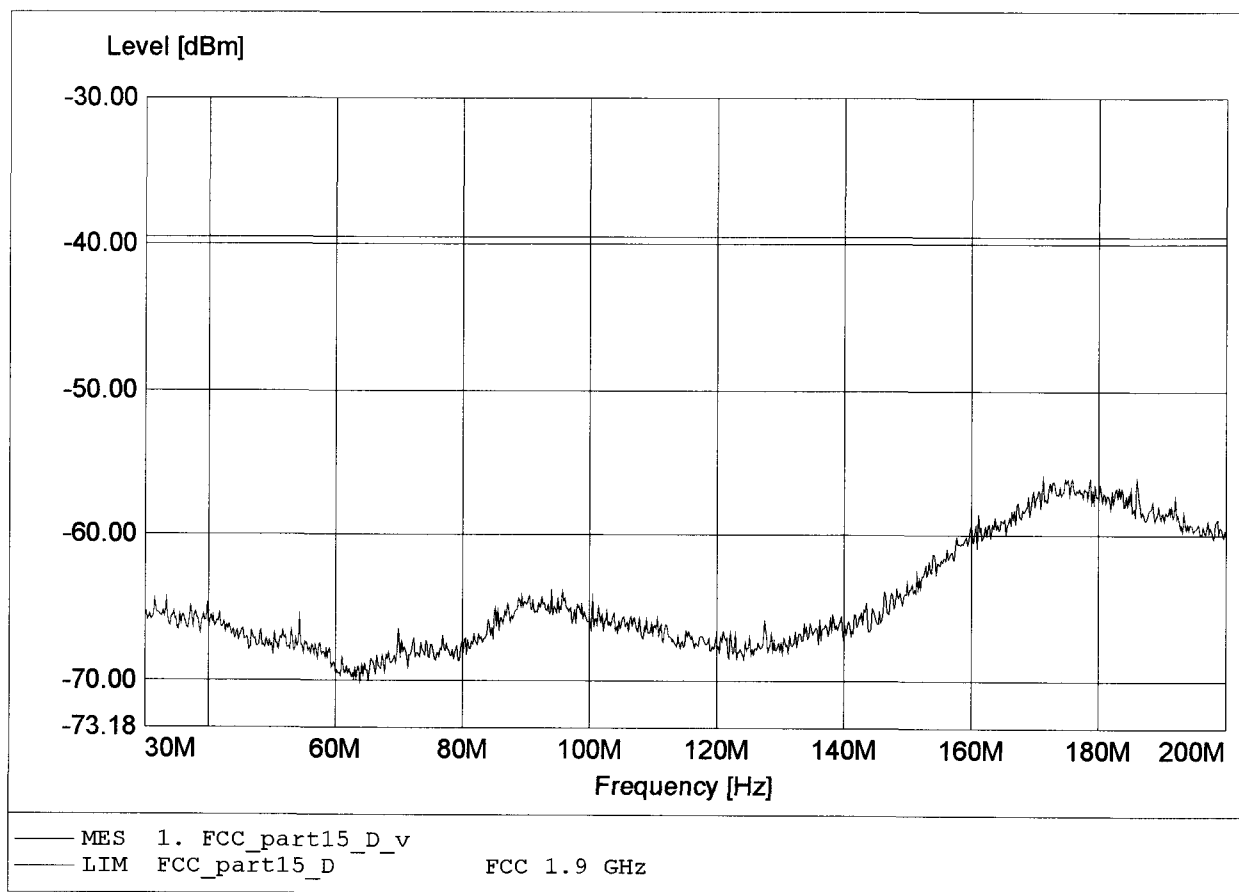
Date: 24.SEP.2005 14:57:26

Measurement diagram

Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

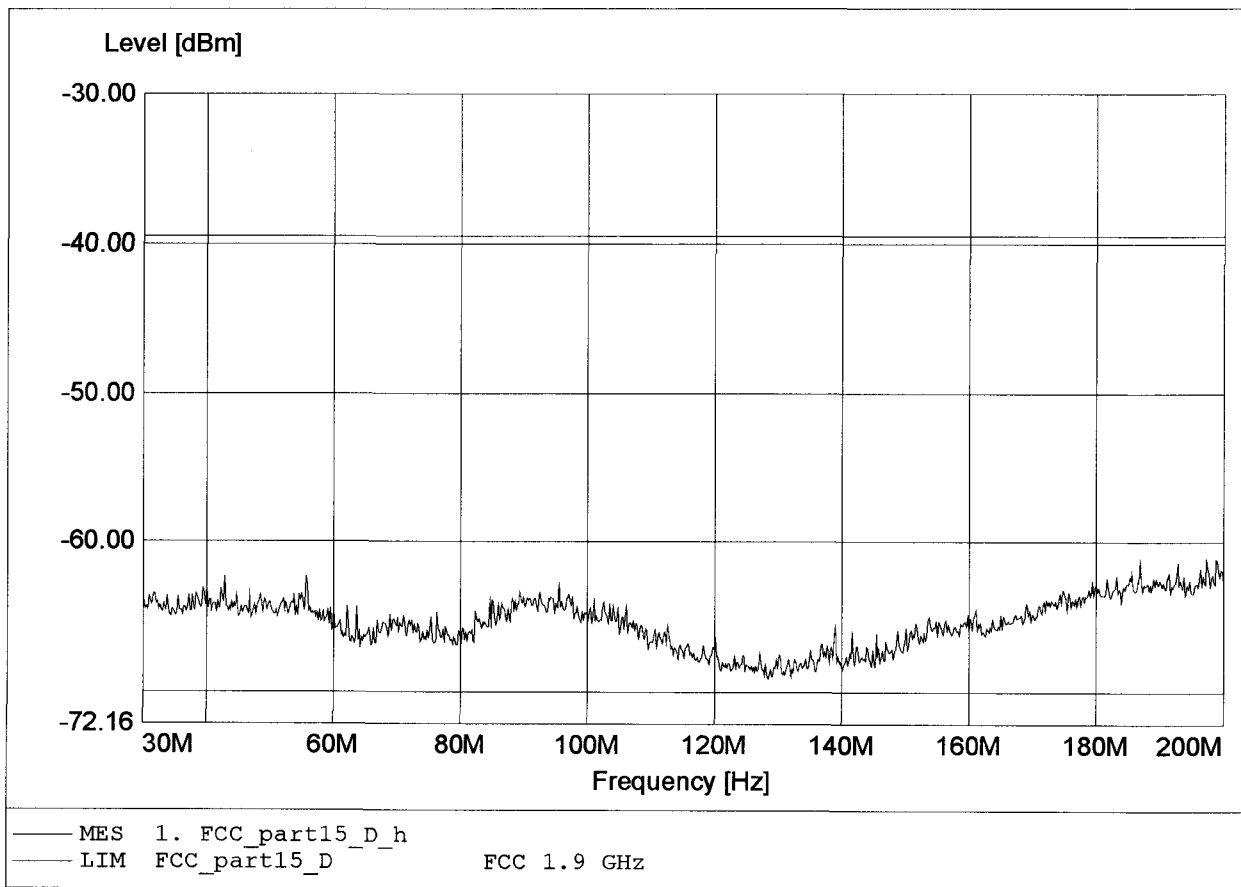
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:171.289MHz Pmax:-55.81dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

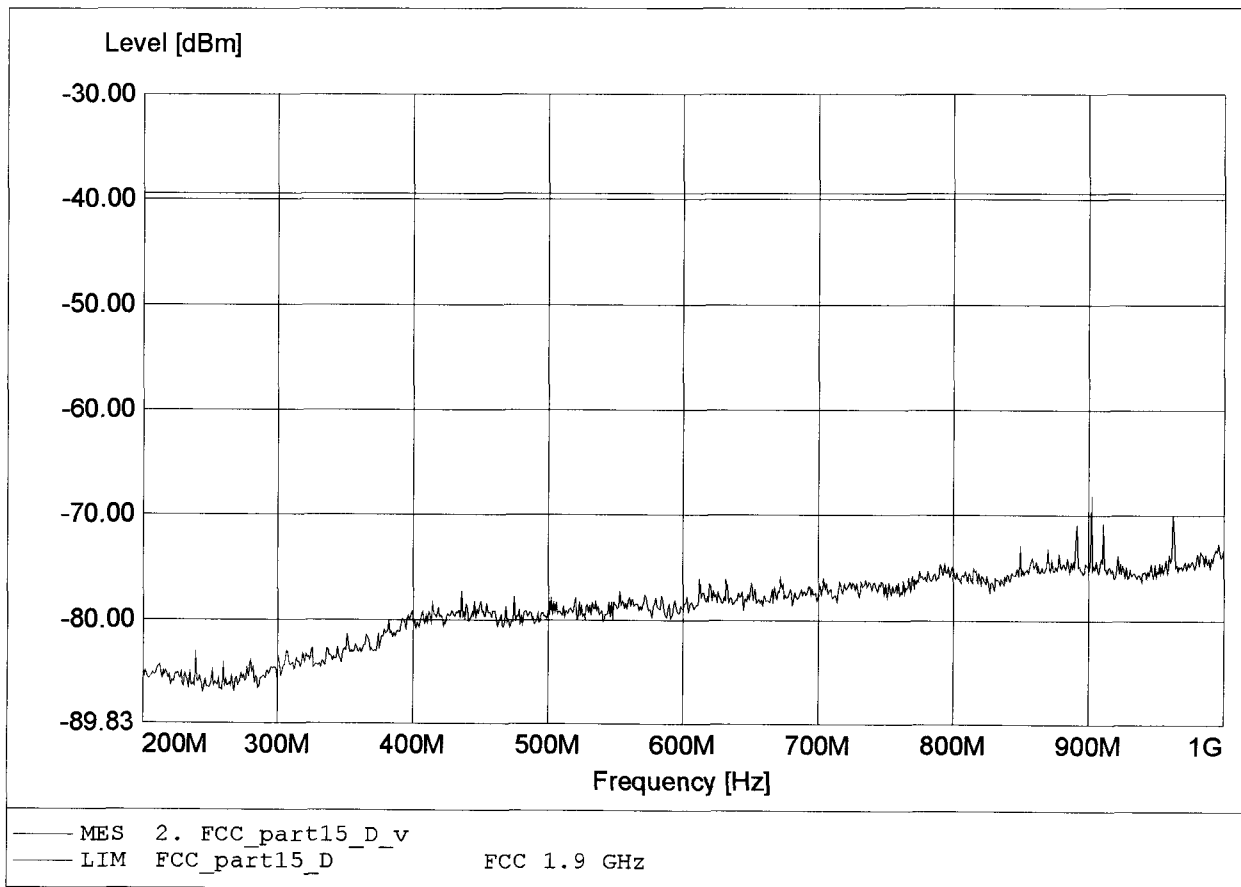
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:197.356MHz Pmax:-61.09dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

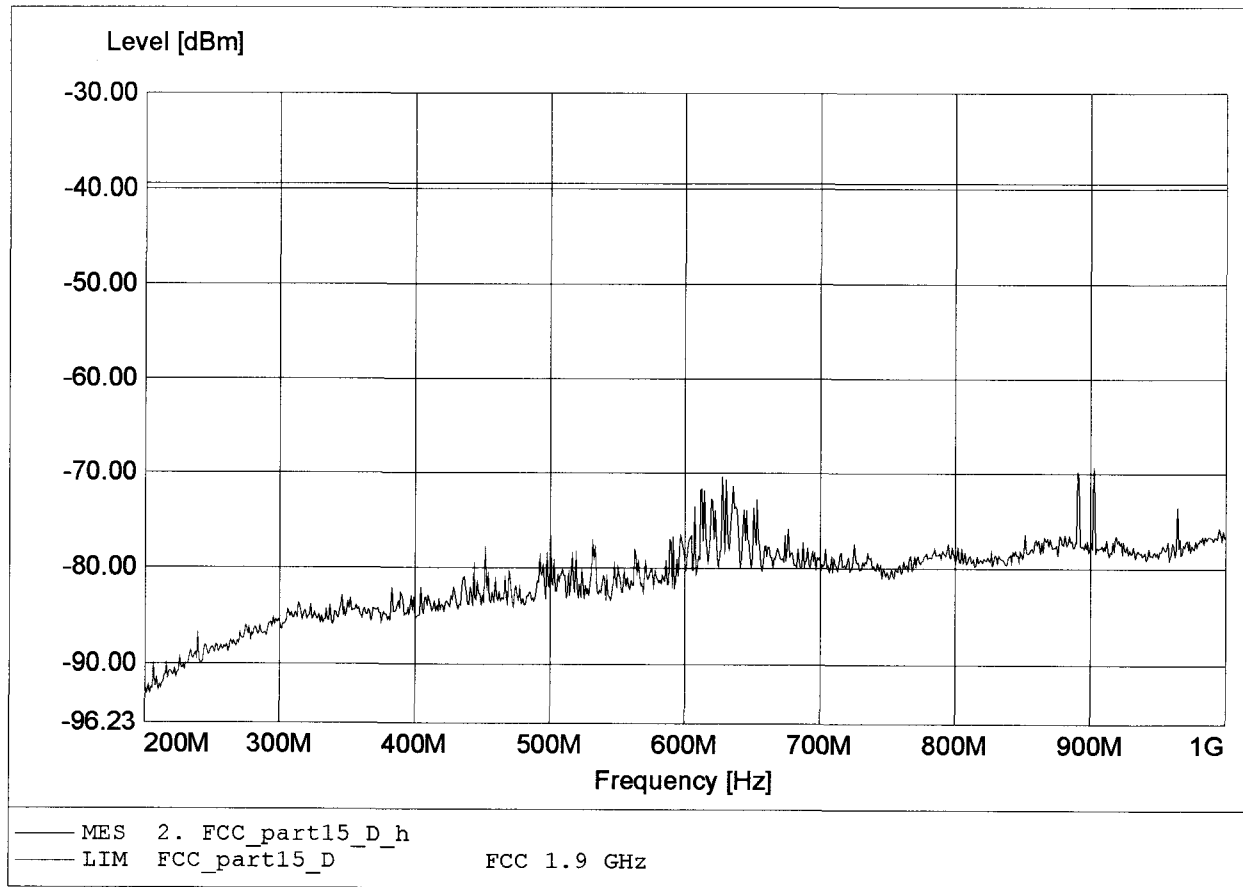
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:902.222MHz Pmax:-68.22dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

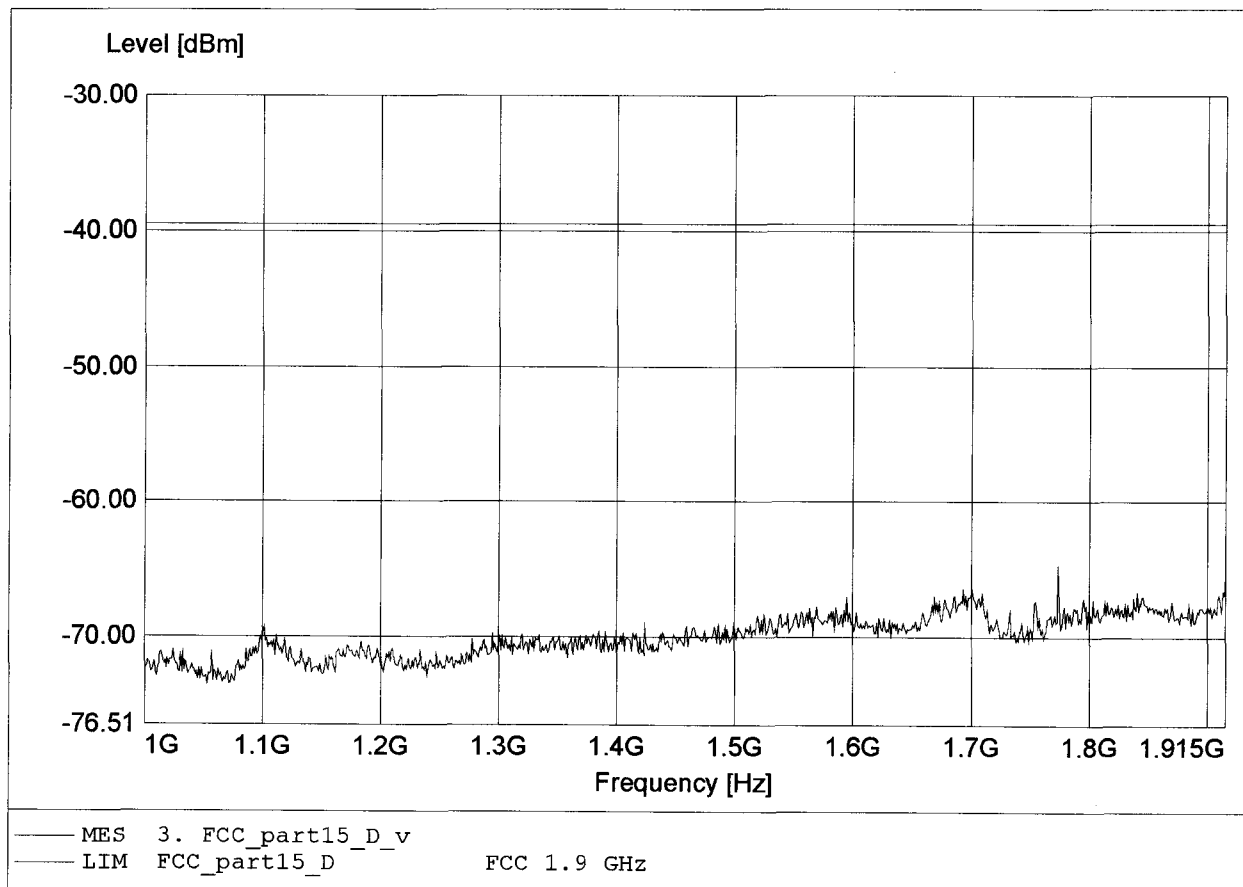
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:902.222MHz Pmax:-69.35dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

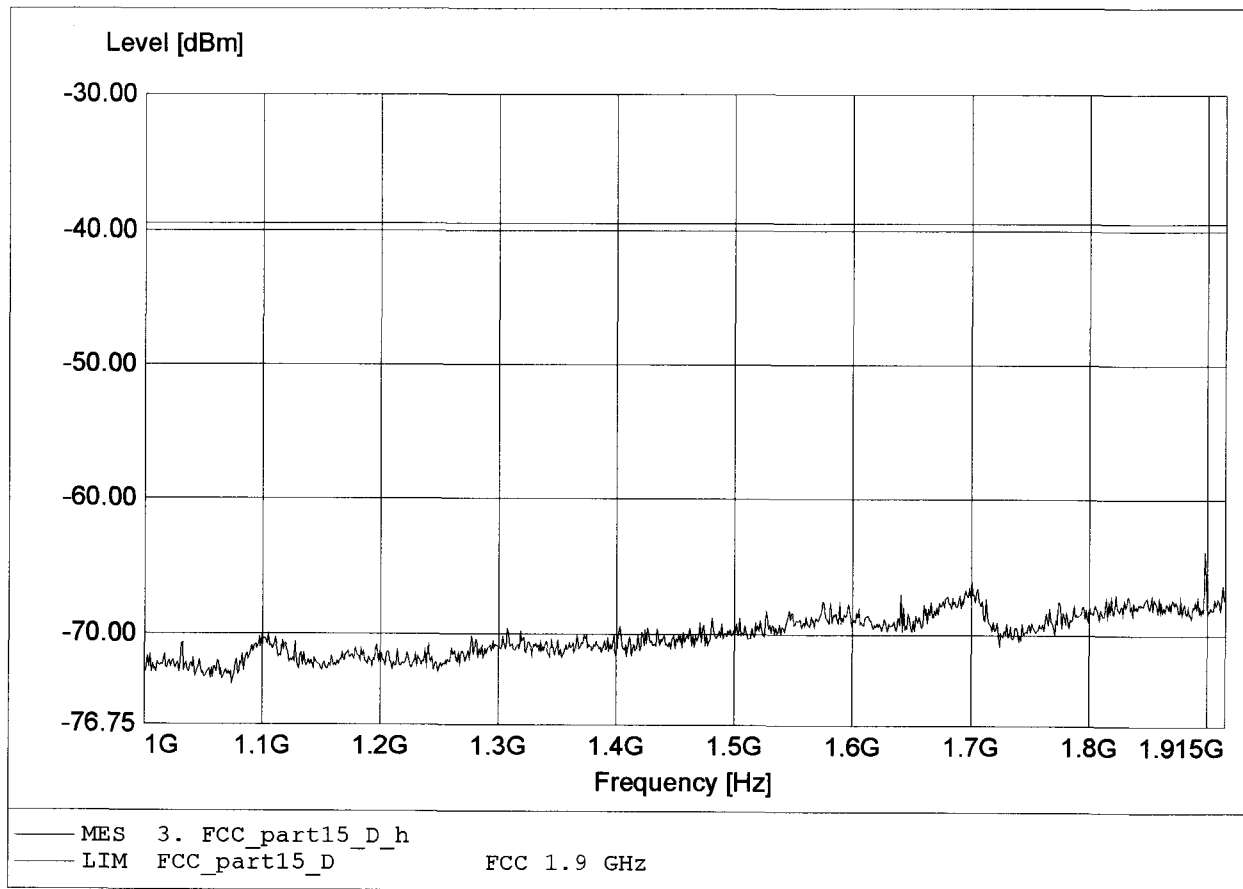
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.774GHz Pmax:-64.63dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

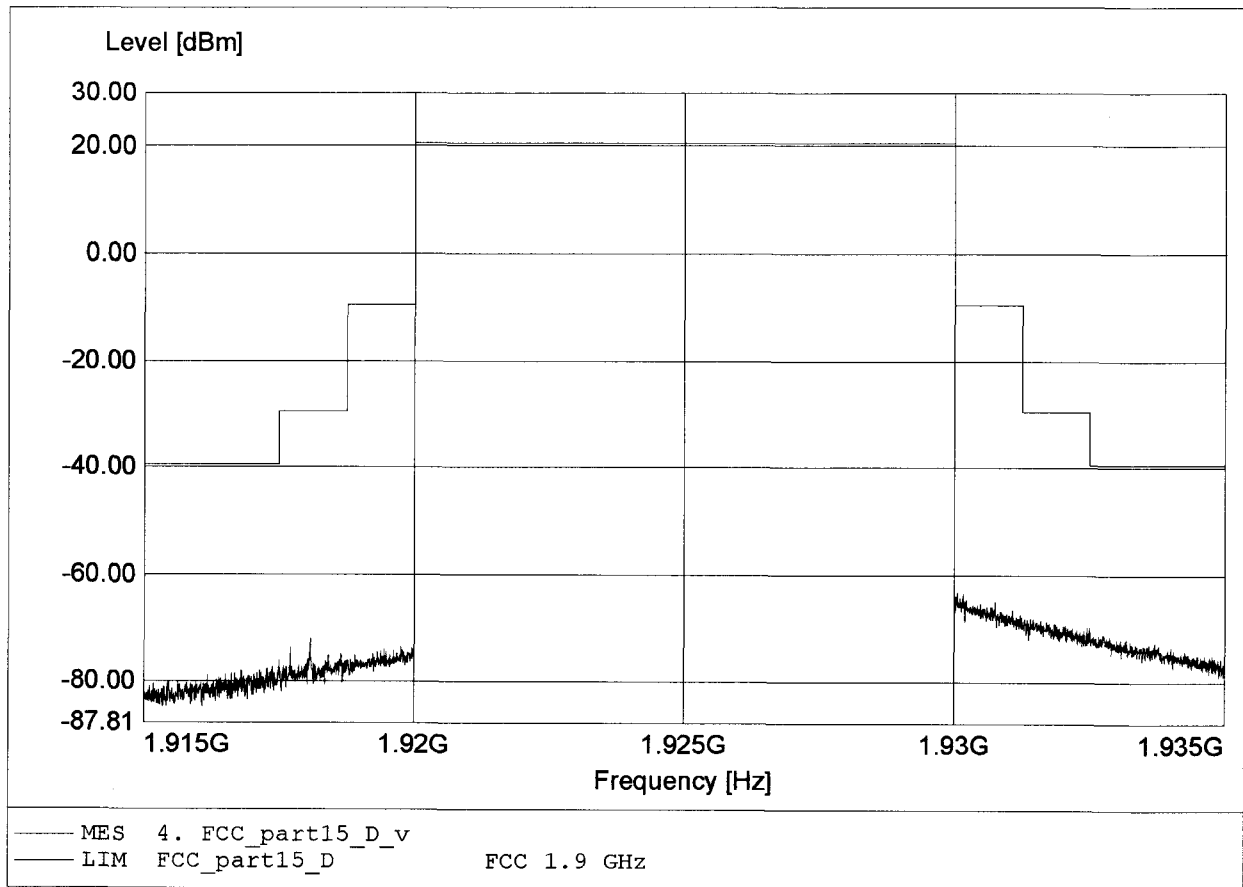
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.898GHz Pmax:-63.82dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

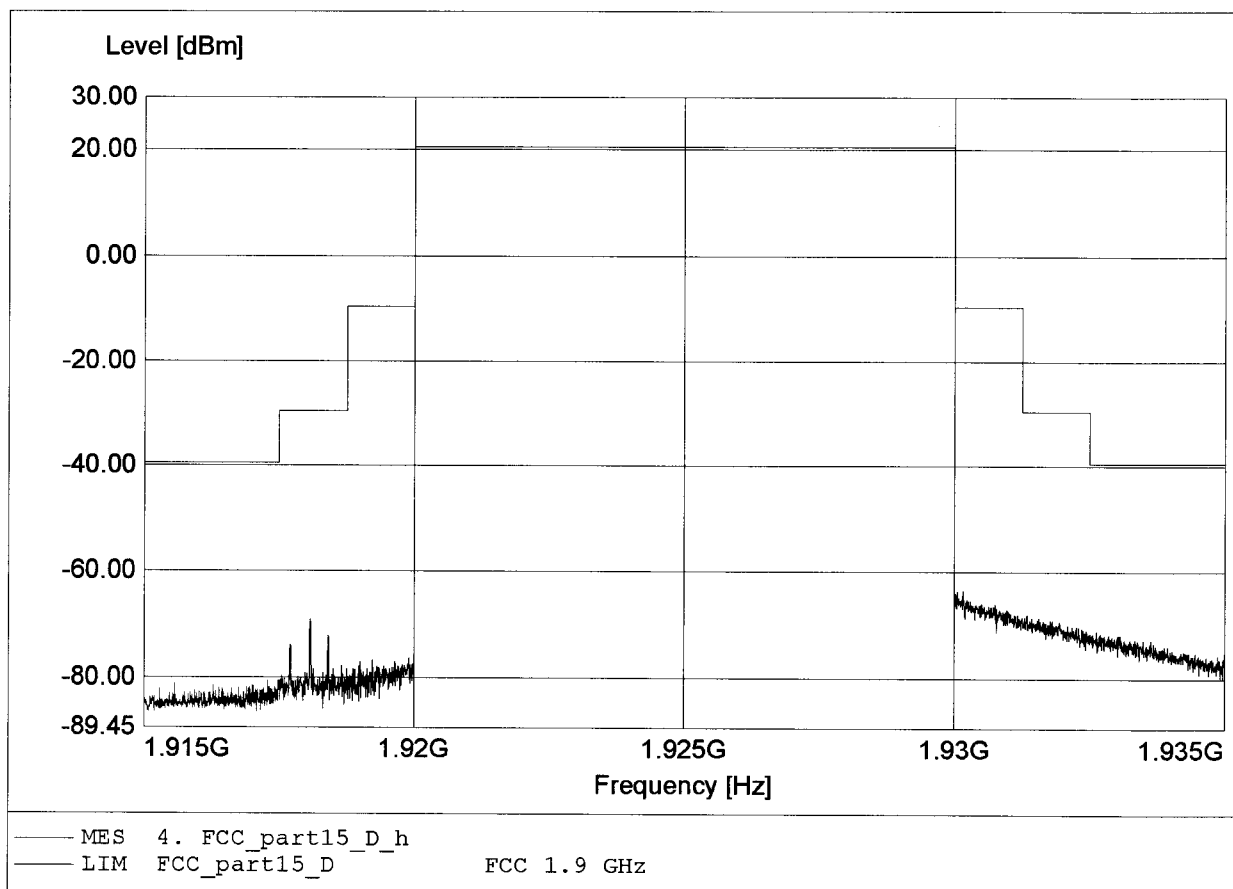
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.930GHz Pmax:-63.12dBm RBW: 10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

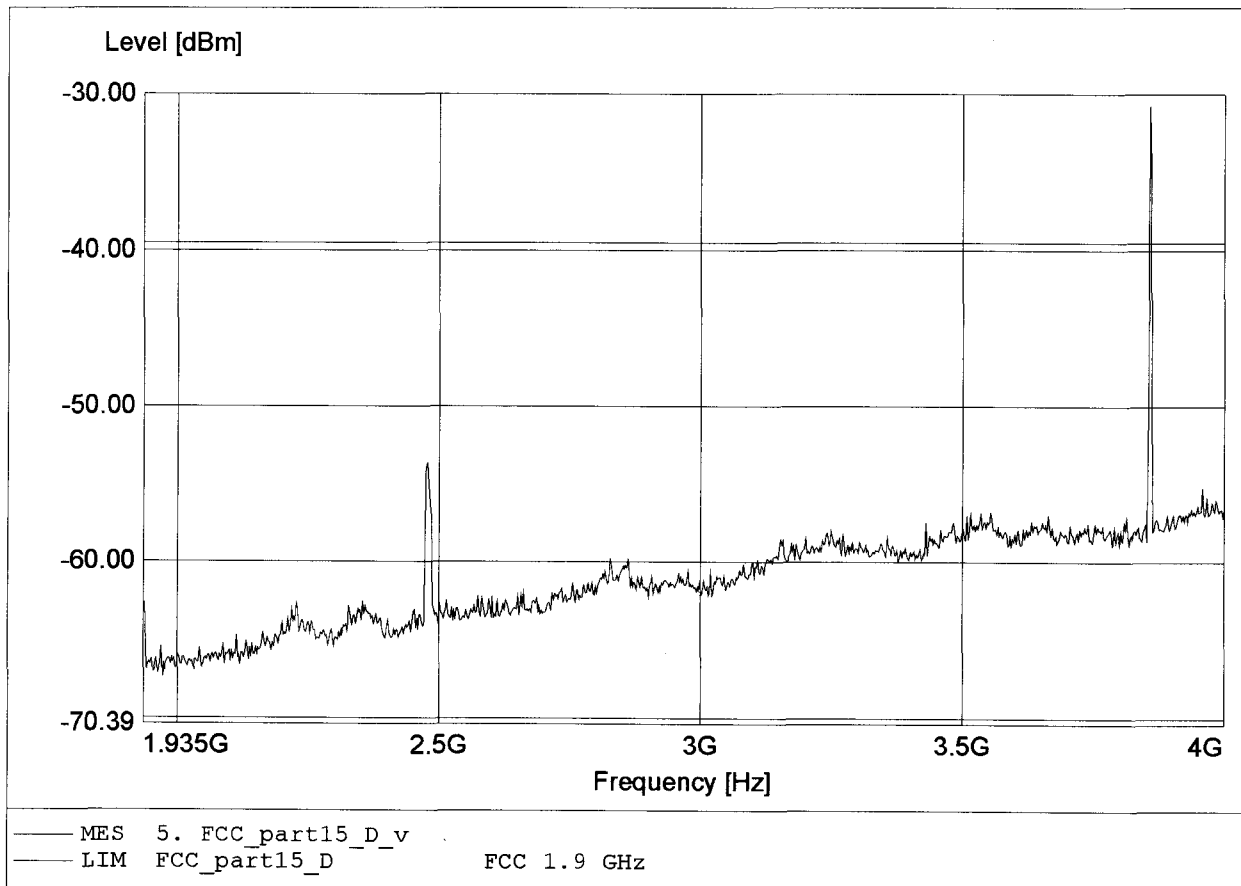
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.930GHz Pmax:-63.45dBm RBW: 10 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

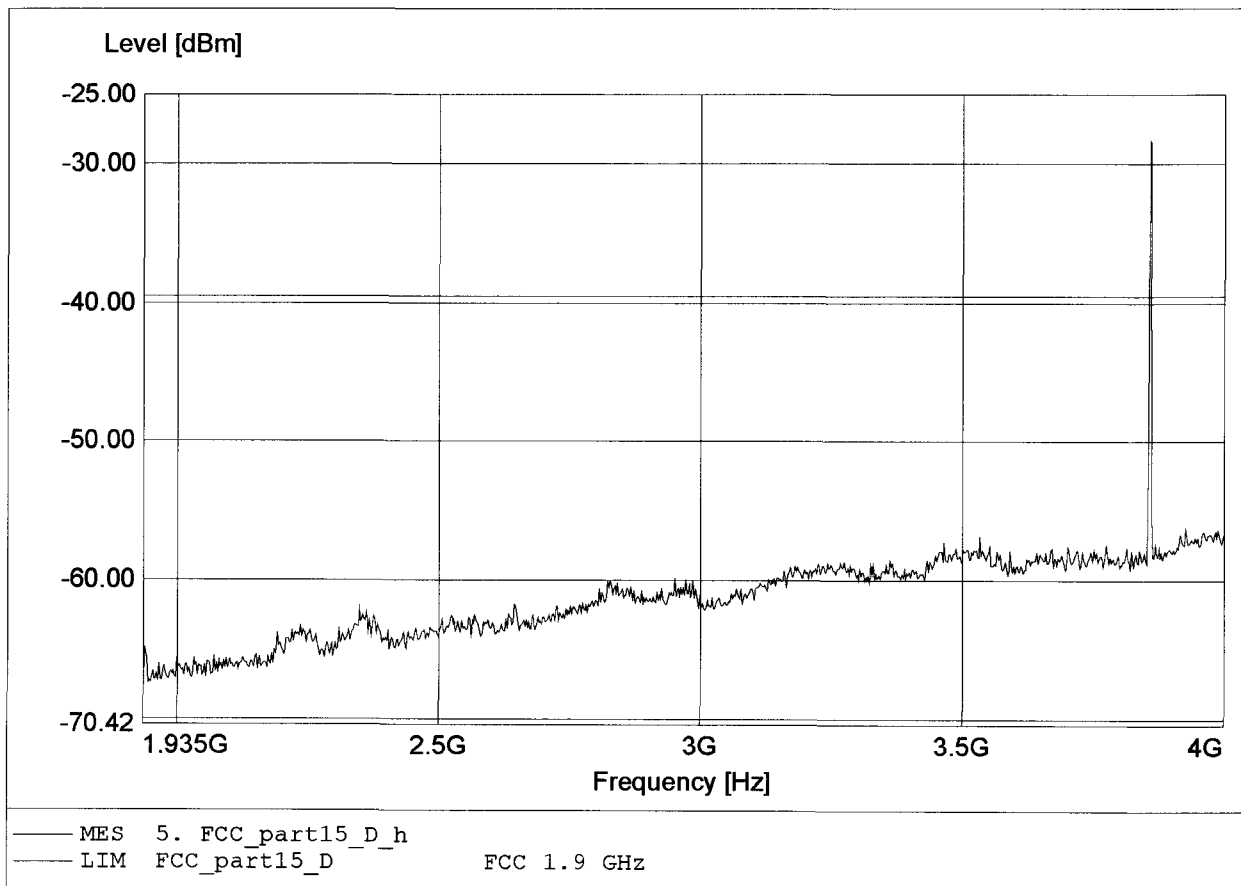
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.858GHz Pmax:-30.77dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

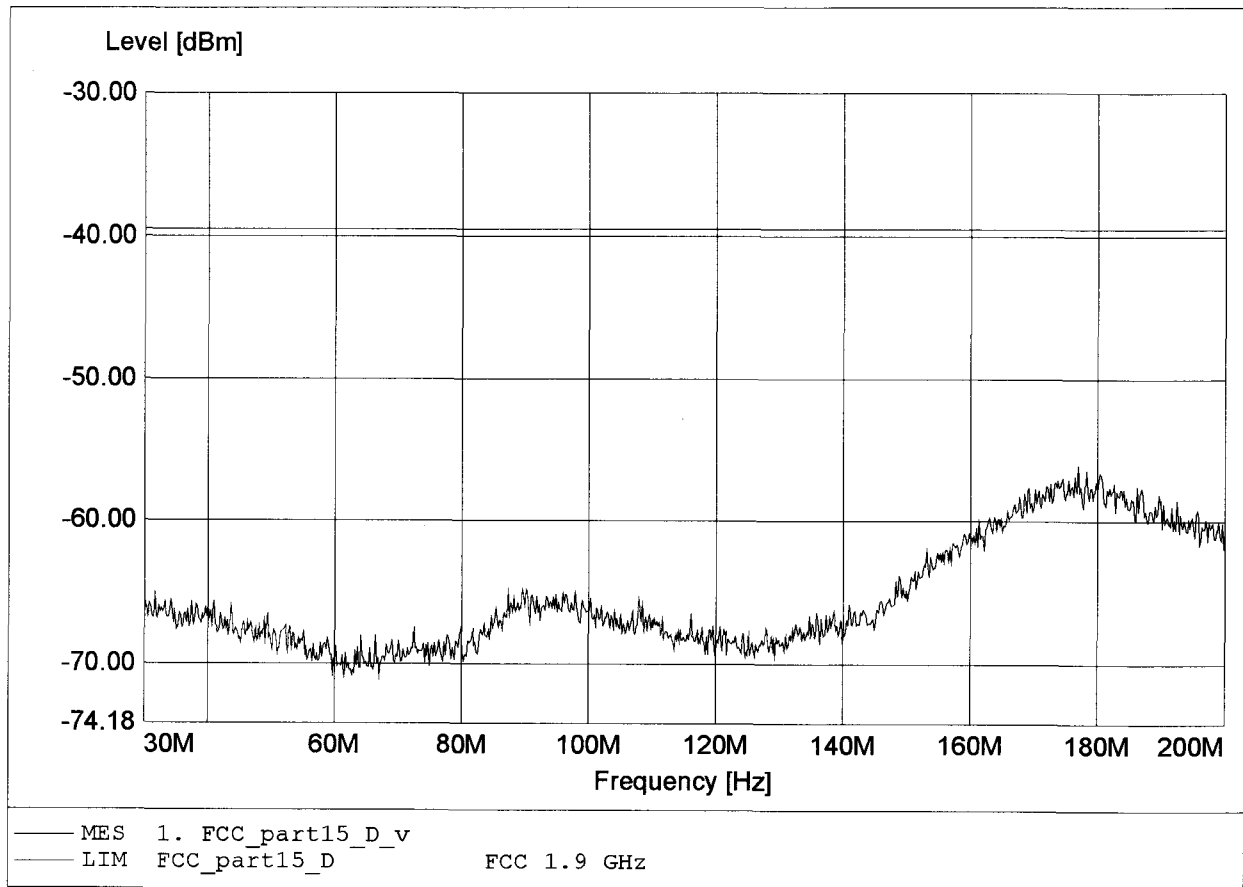
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.858GHz Pmax:-28.28dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

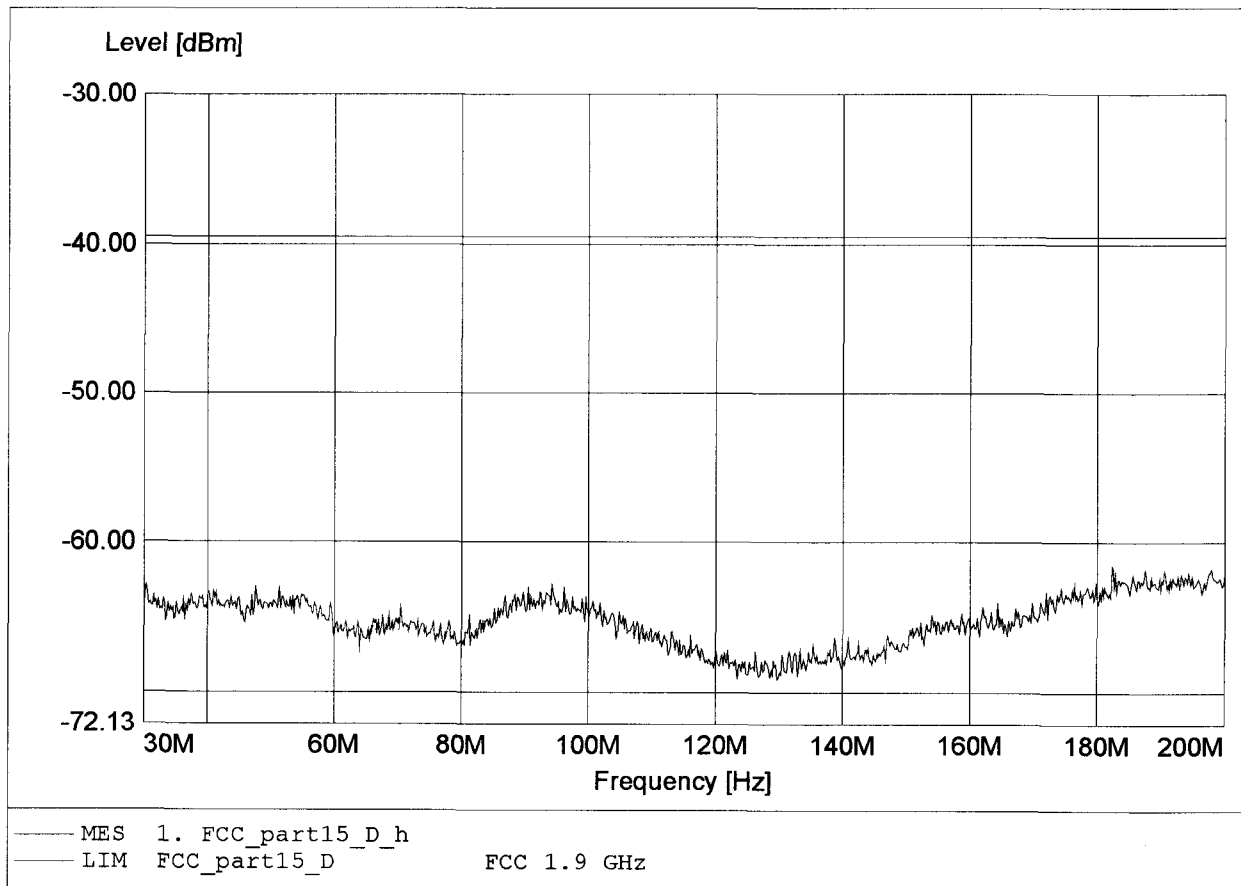
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:176.956MHz Pmax:-56.09dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

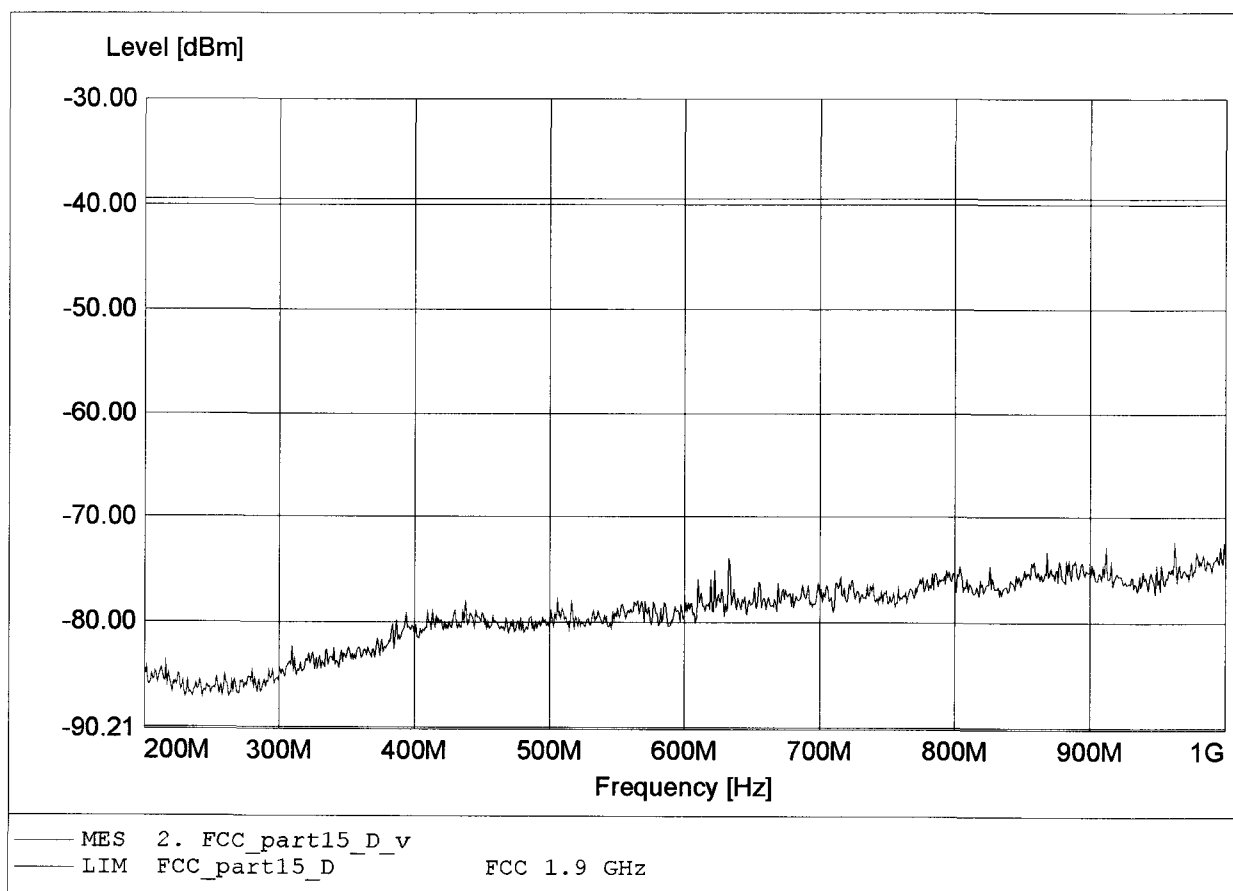
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:182.244MHz Pmax:-61.51dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

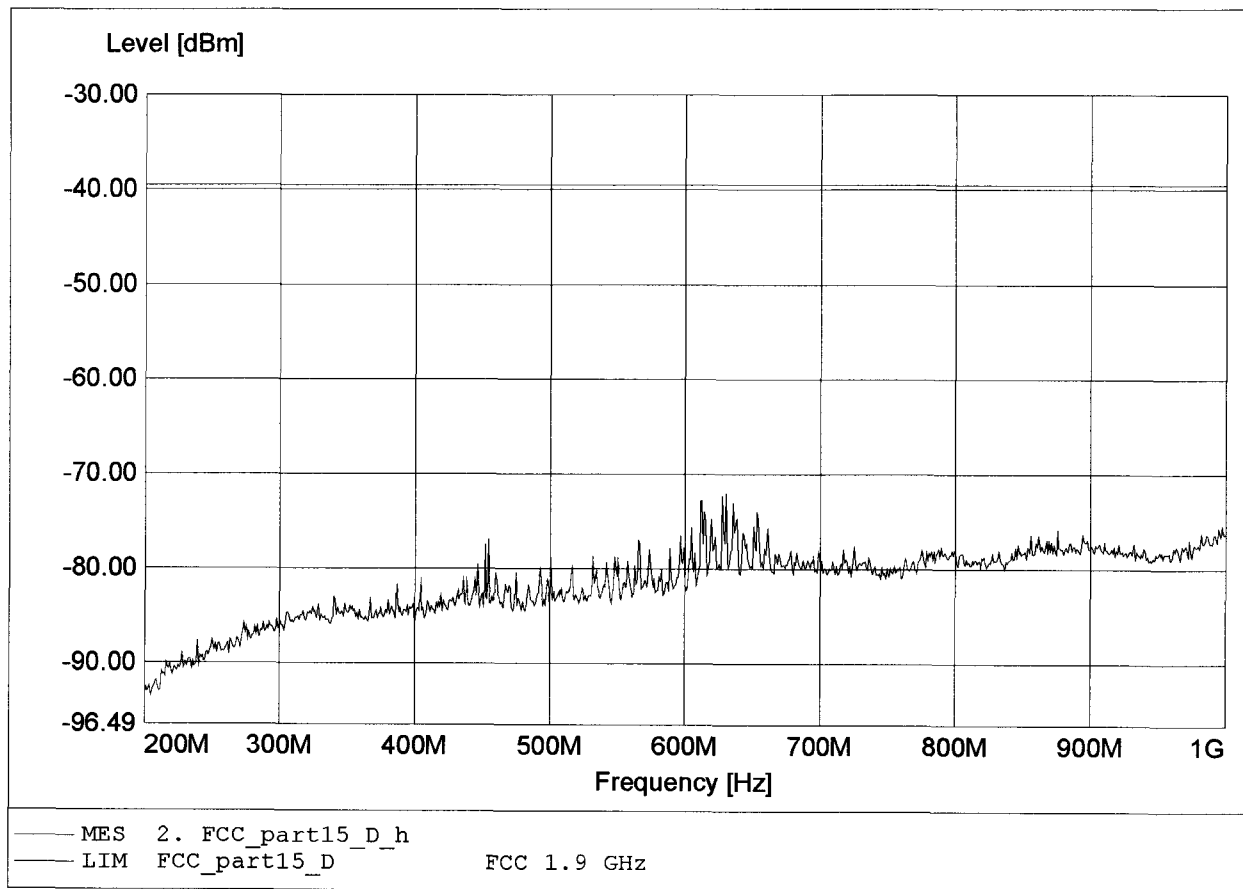
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:962.667MHz Pmax:-72.38dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

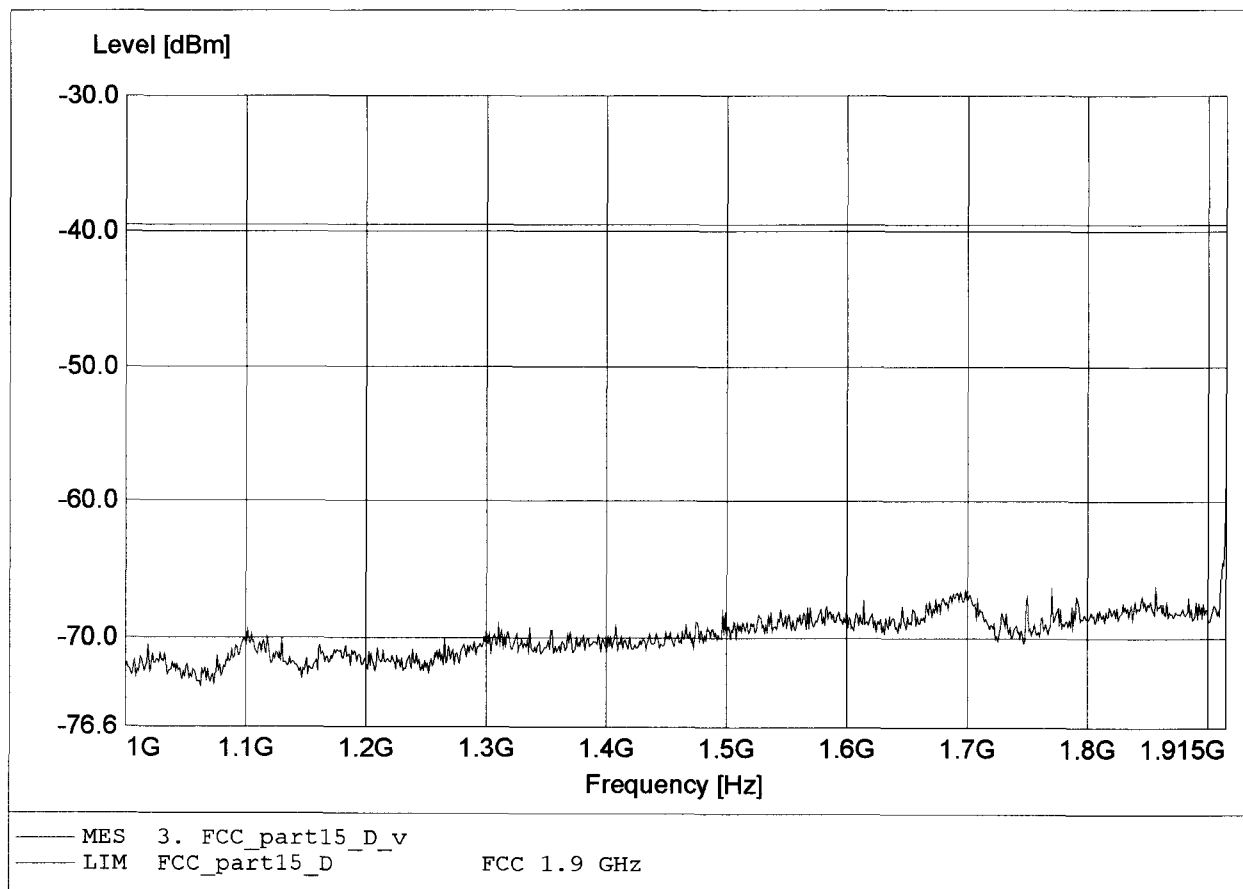
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:630.222MHz Pmax:-72.02dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

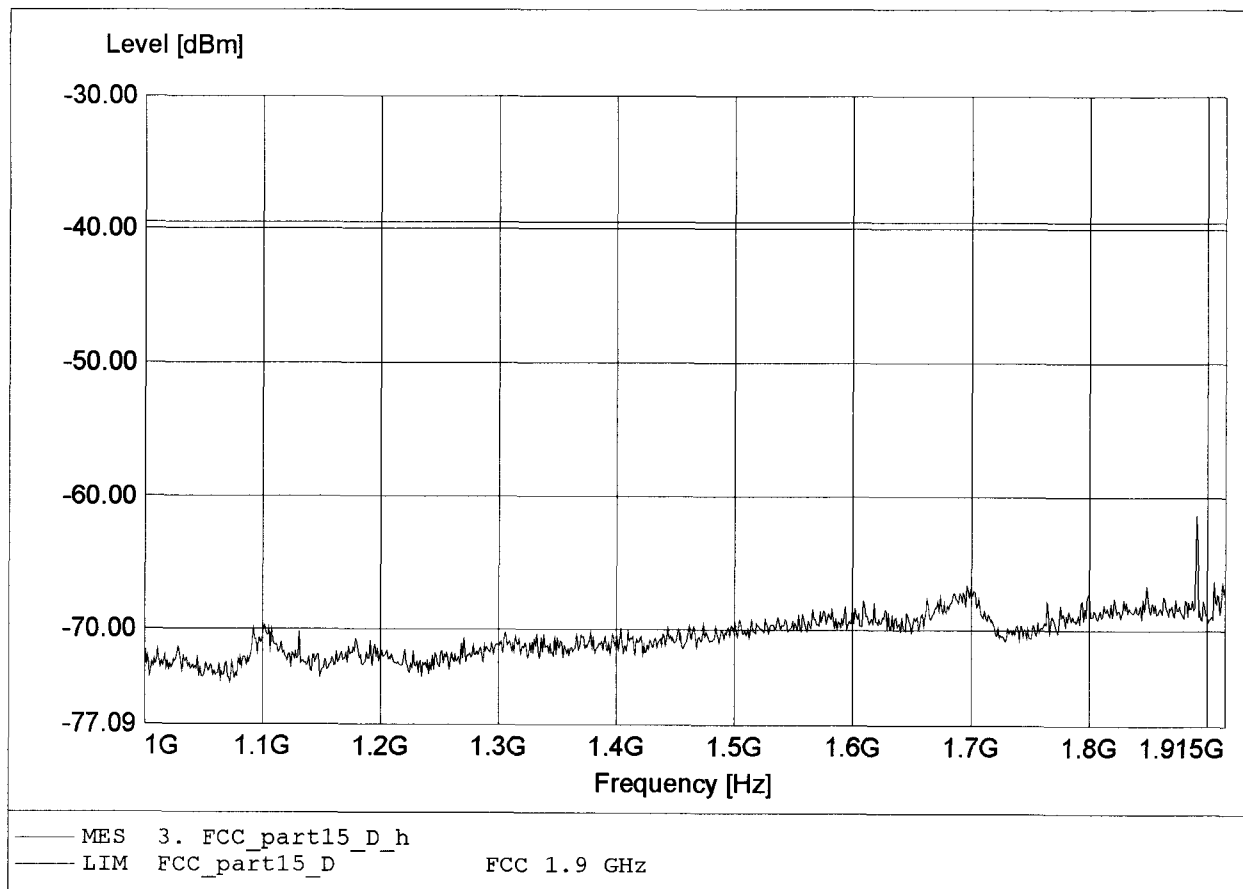
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.915GHz Pmax:-57.65dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.891GHz Pmax:-61.33dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Type approval holder: RTX Telecom A/S

EUT : GN9300 UPCS Headset

Model: GN9300 / Ch.: 2

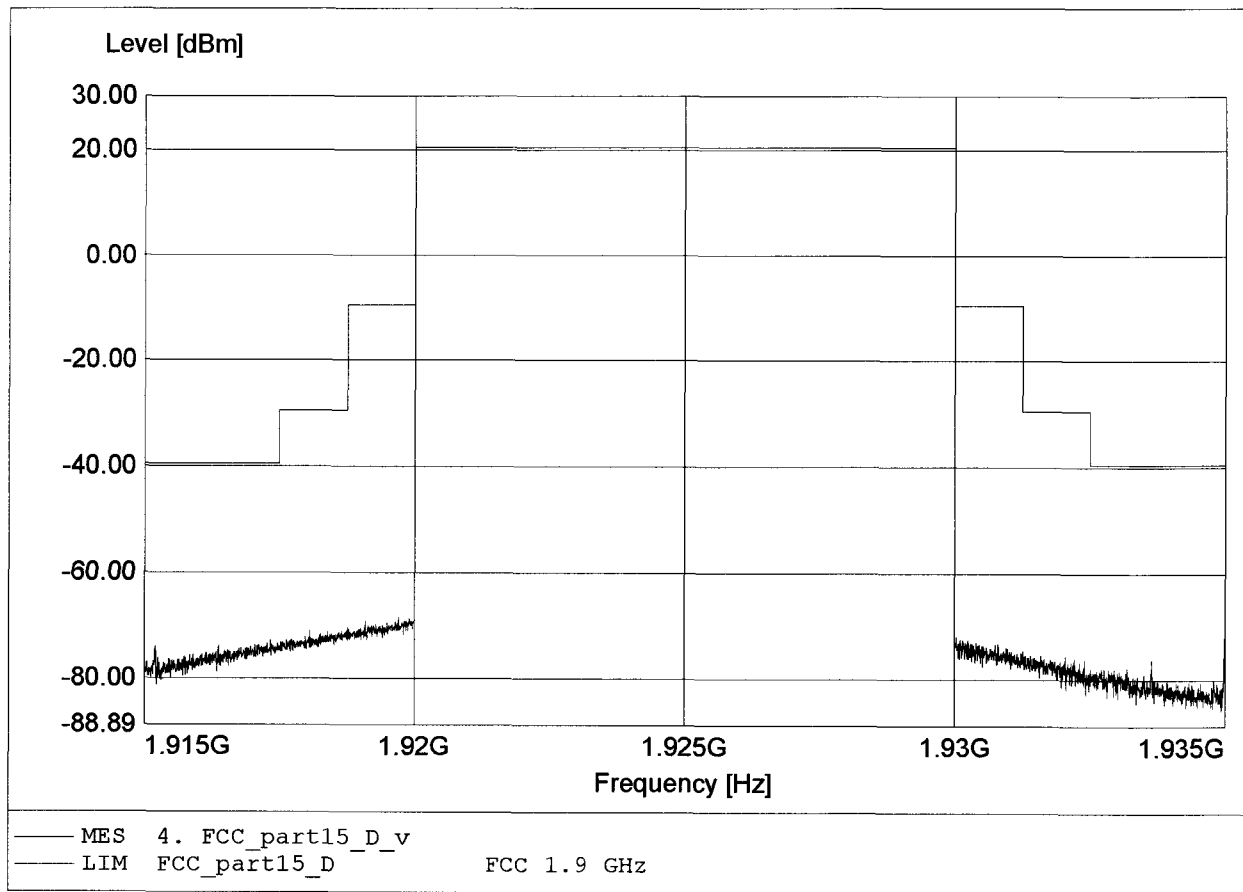
Test Site / Operator: ETS / Mr. Cersovsky

Temperature/ Voltage: 23°C / 3,6 V-

Test Specification: Fully anechoic chamber / mode: Tx

Comment 1: Dist.: 1m, Ant.: HL 025, ampl.

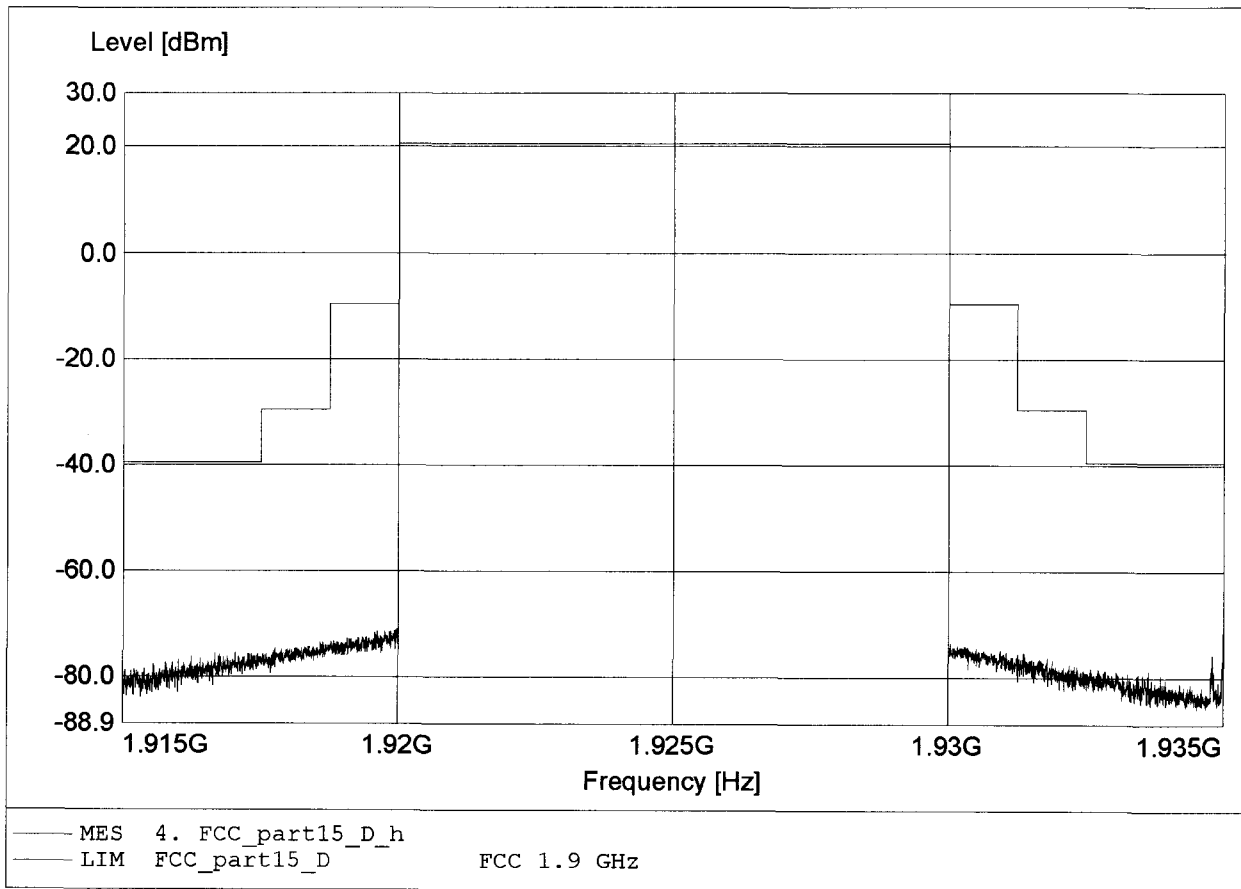
Comment 2: Freq:1.920GHz Pmax:-68.45dBm RBW: 10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

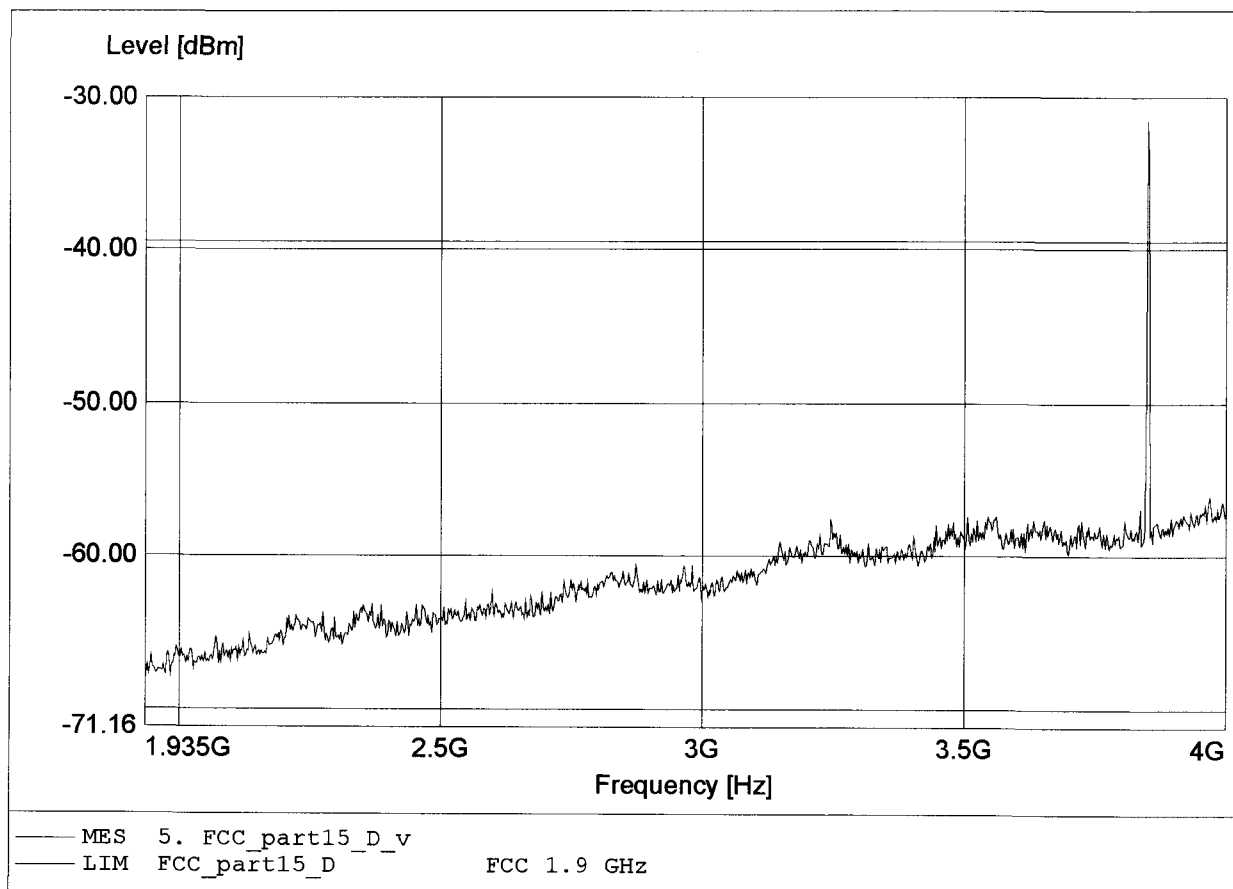
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.935GHz Pmax:-70.22dBm RBW: 10 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

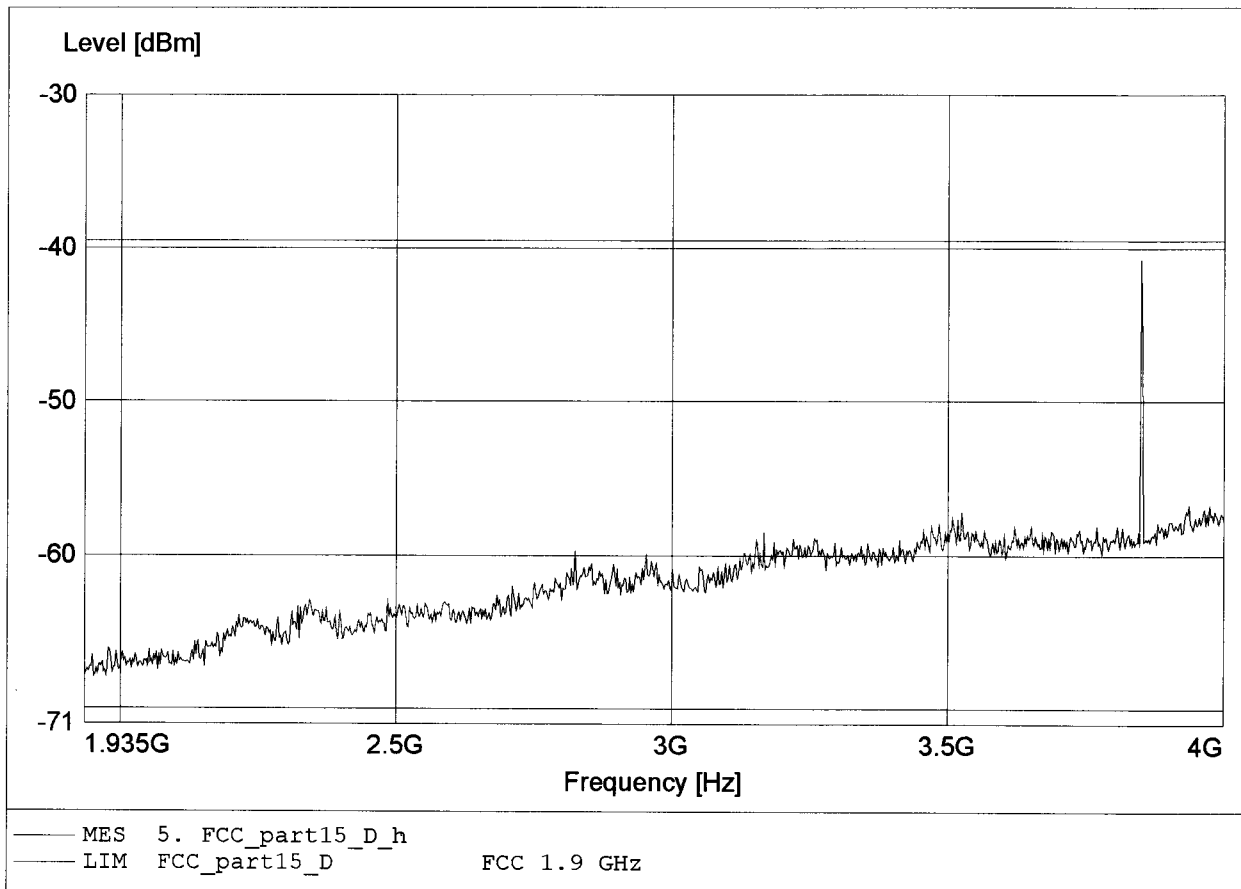
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.851GHz Pmax:-31.56dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

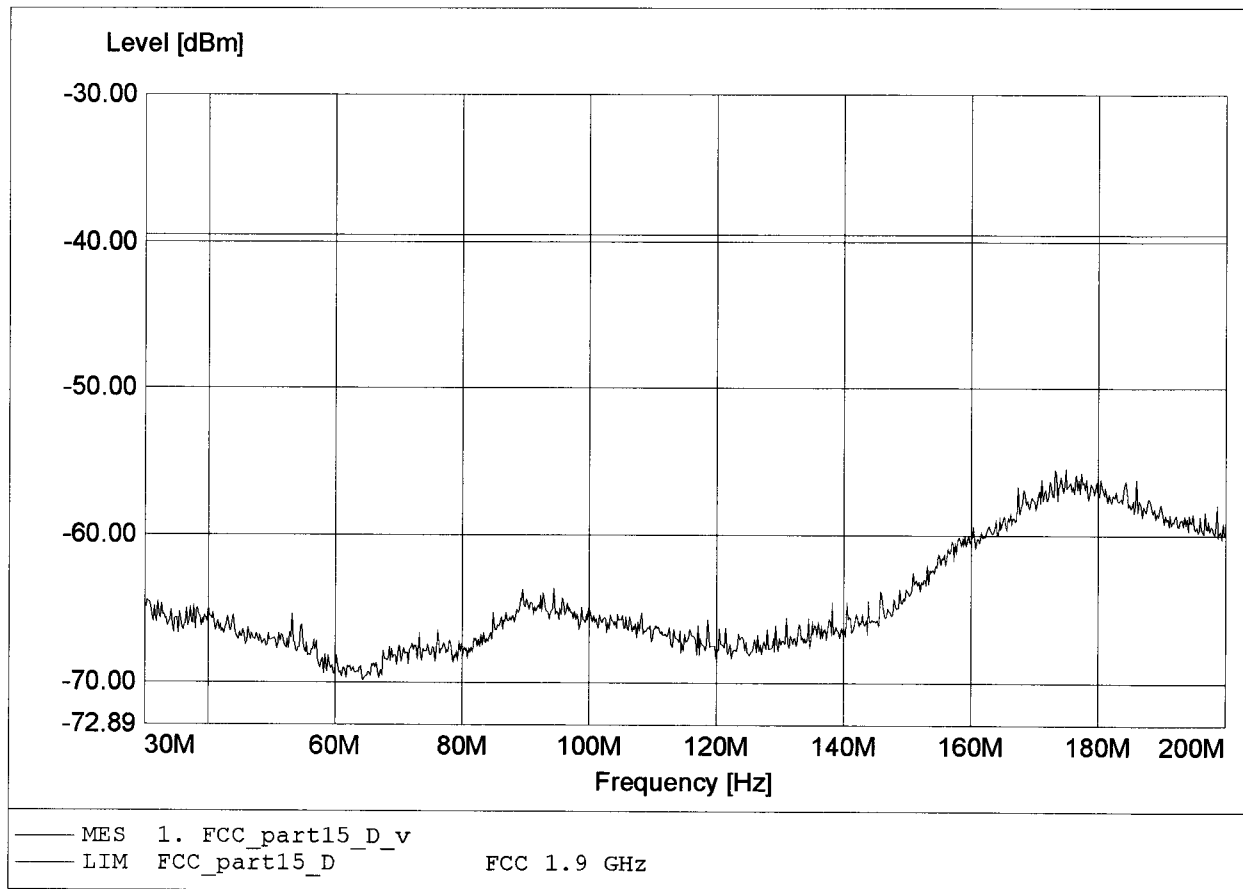
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.851GHz Pmax:-40.73dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

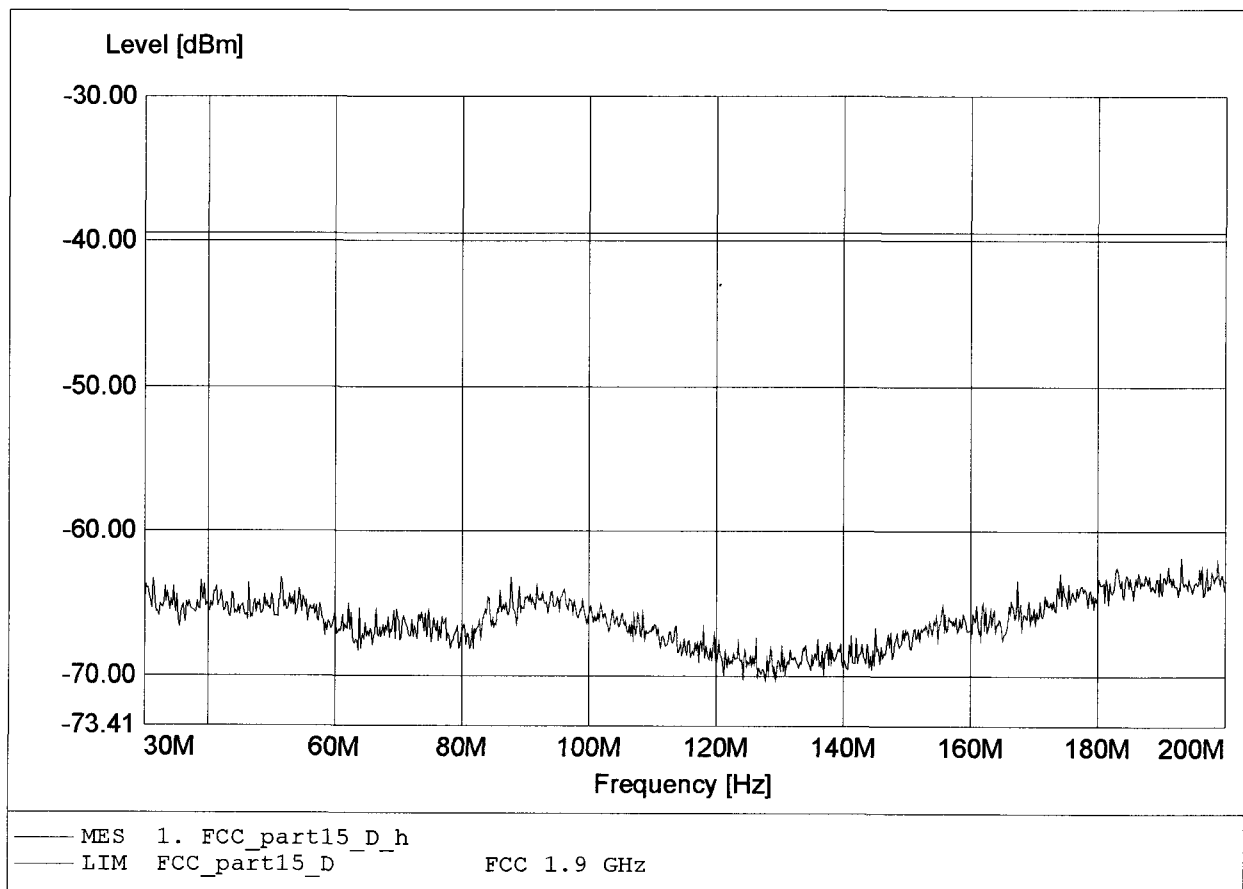
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:174.878MHz Pmax:-55.49dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

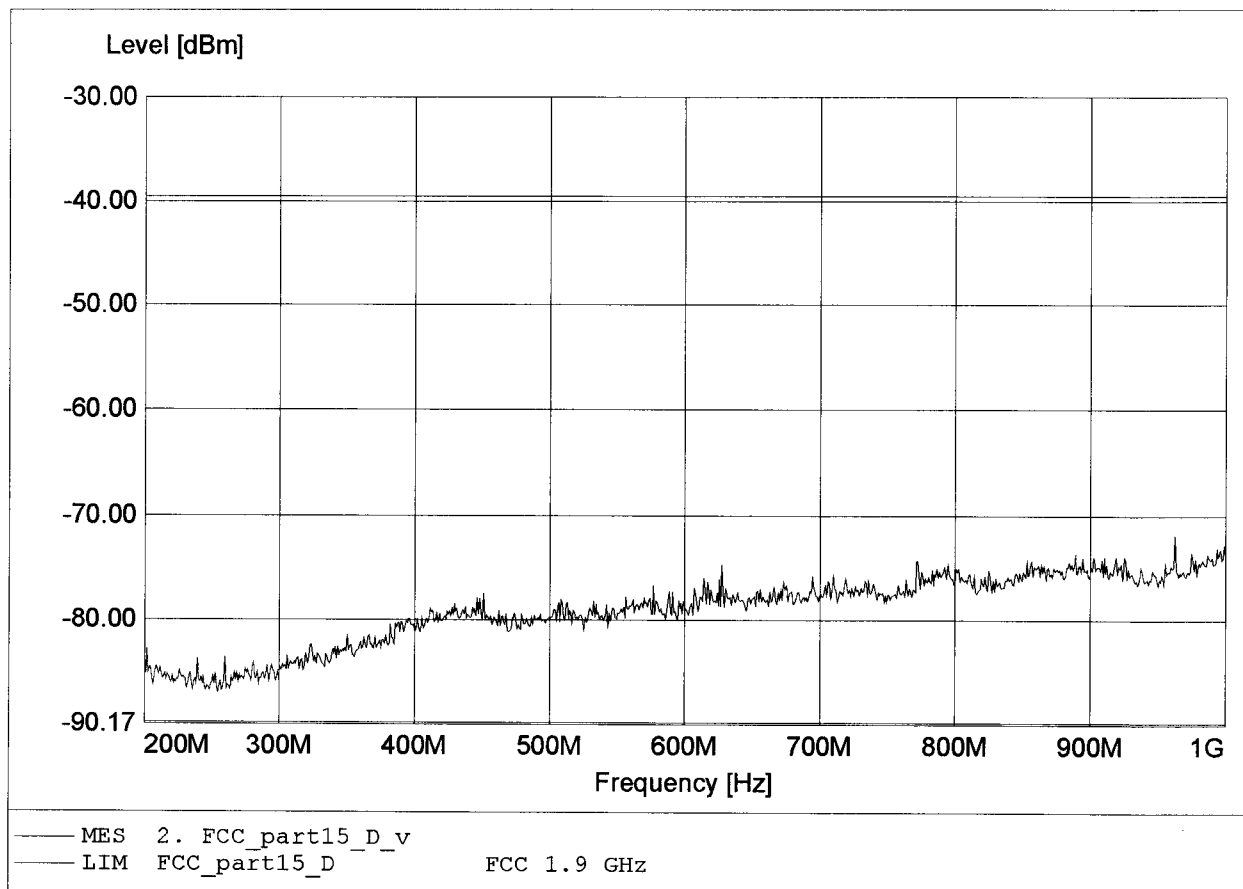
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:193.200MHz Pmax:-61.87dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

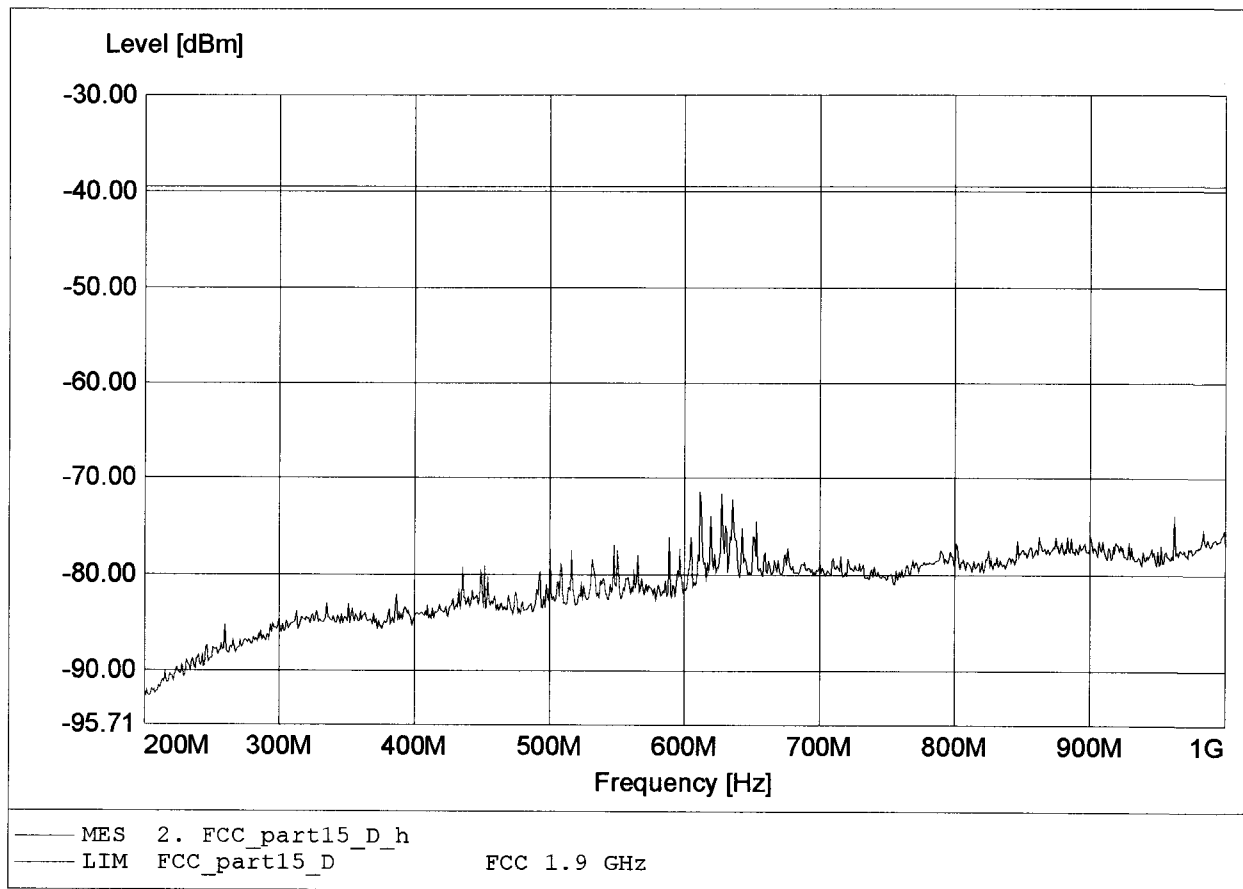
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:962.667MHz Pmax:-71.85dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

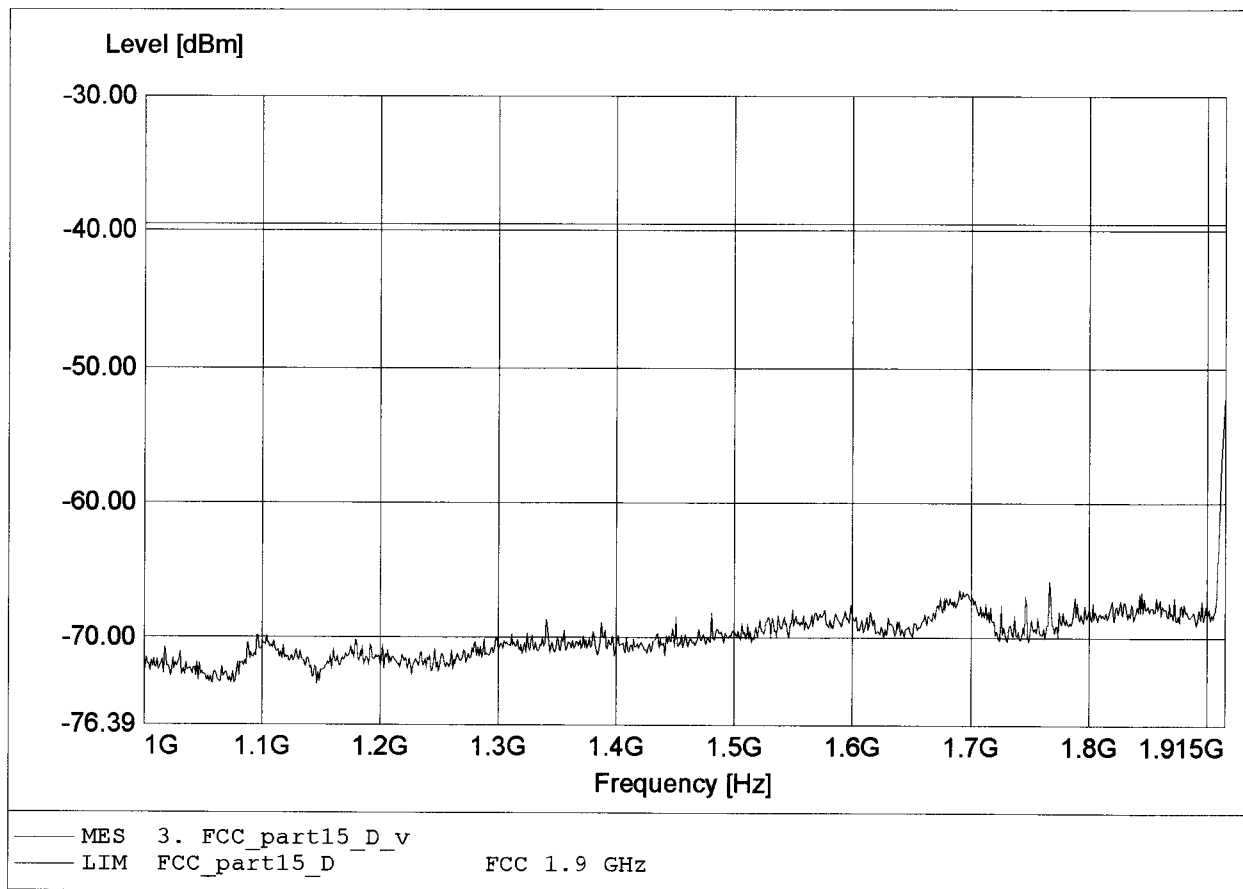
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:611.556MHz Pmax:-71.46dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

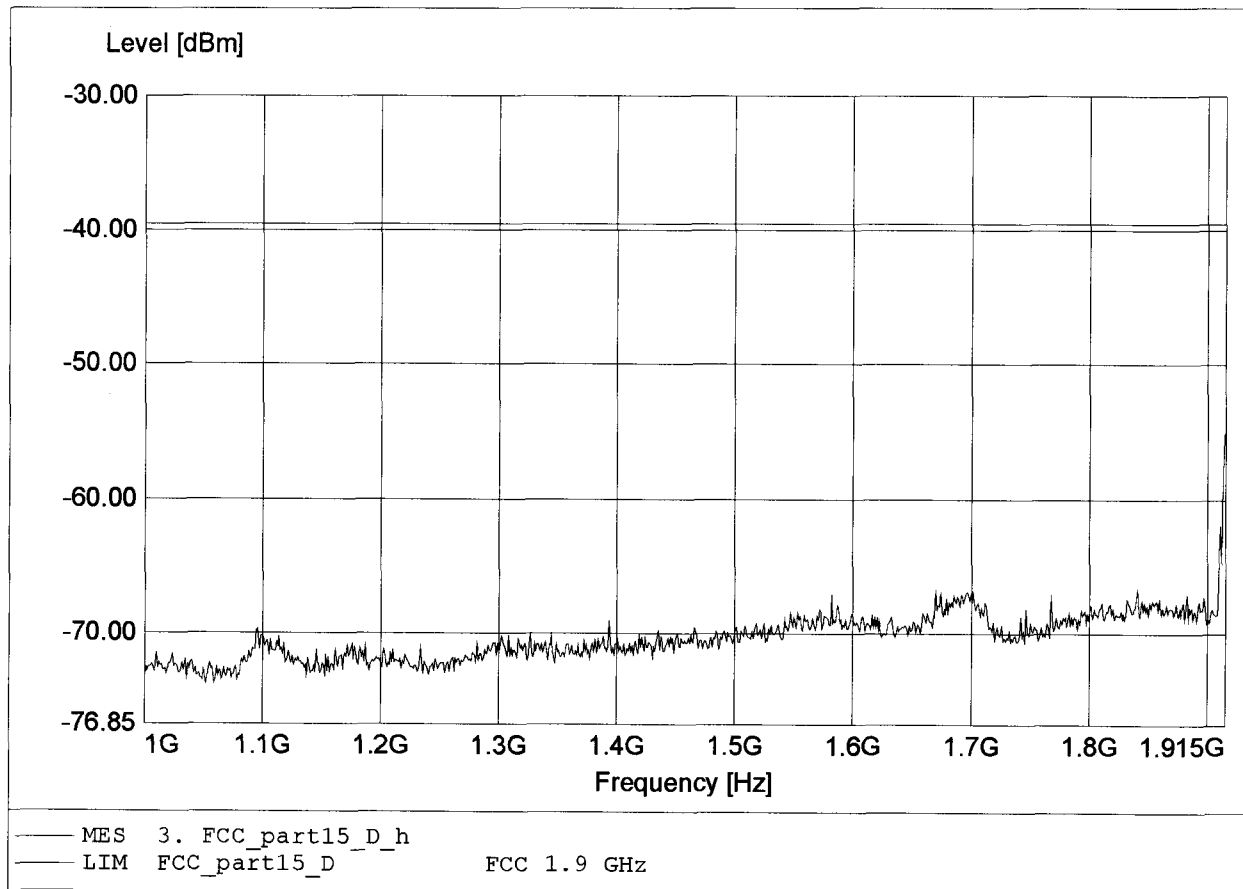
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.915GHz Pmax:-51.88dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

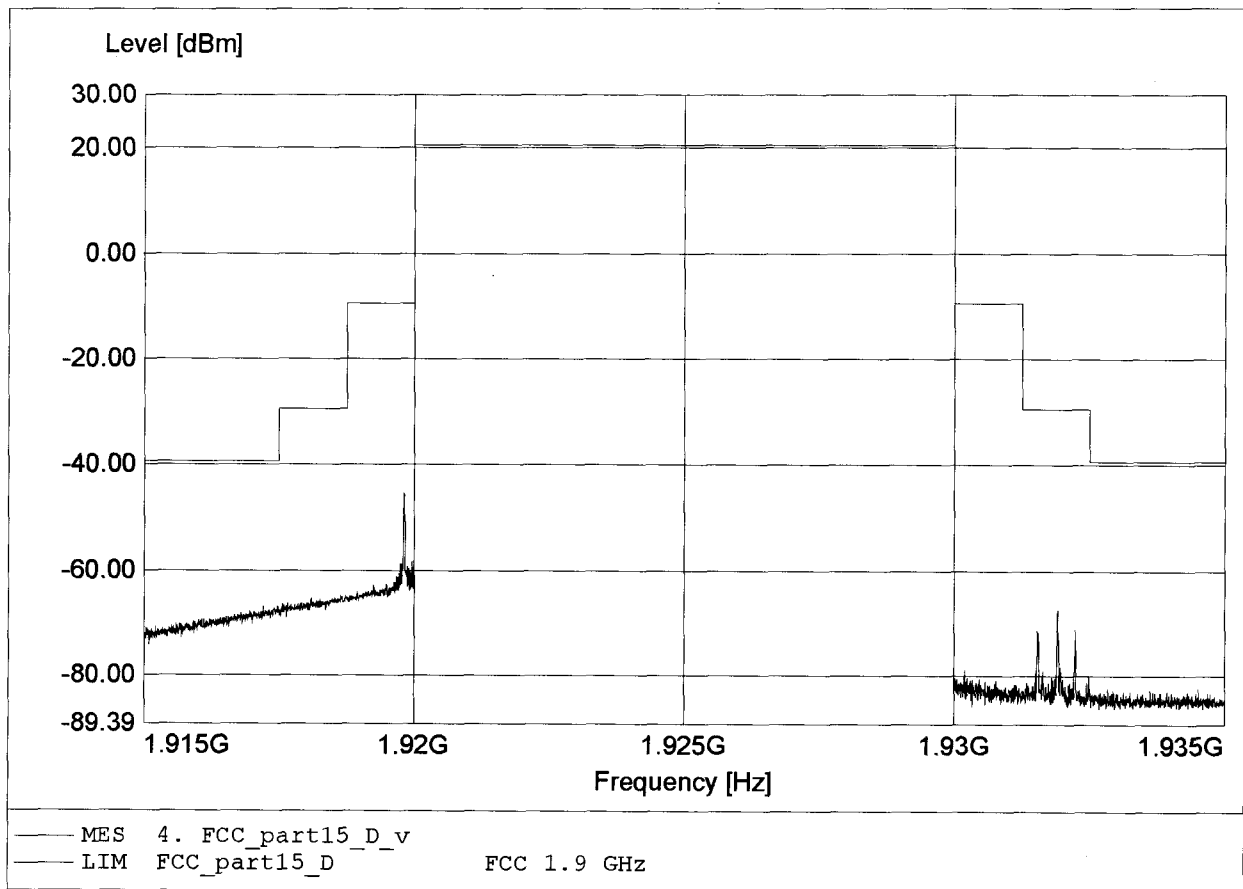
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.915GHz Pmax:-55.02dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

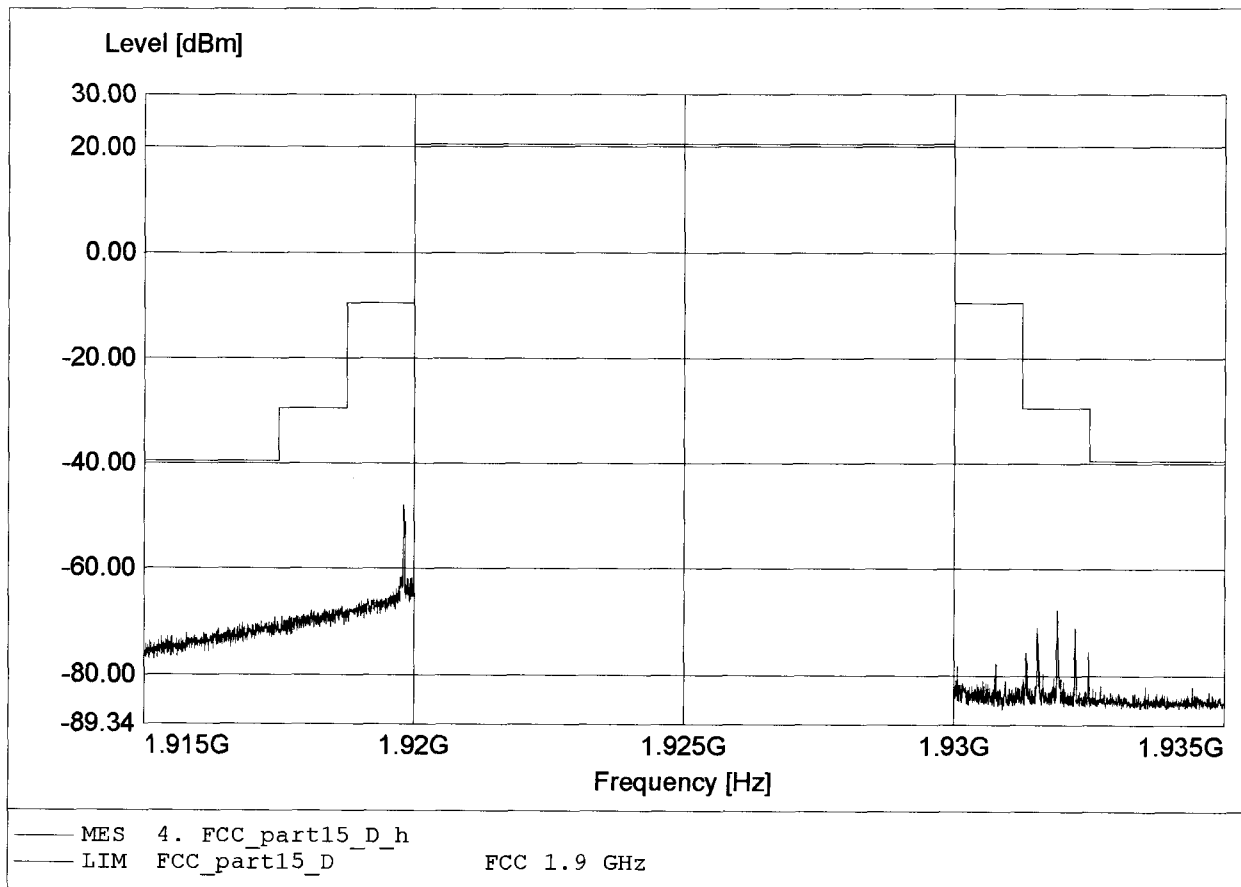
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-45.54dBm RBW: 10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

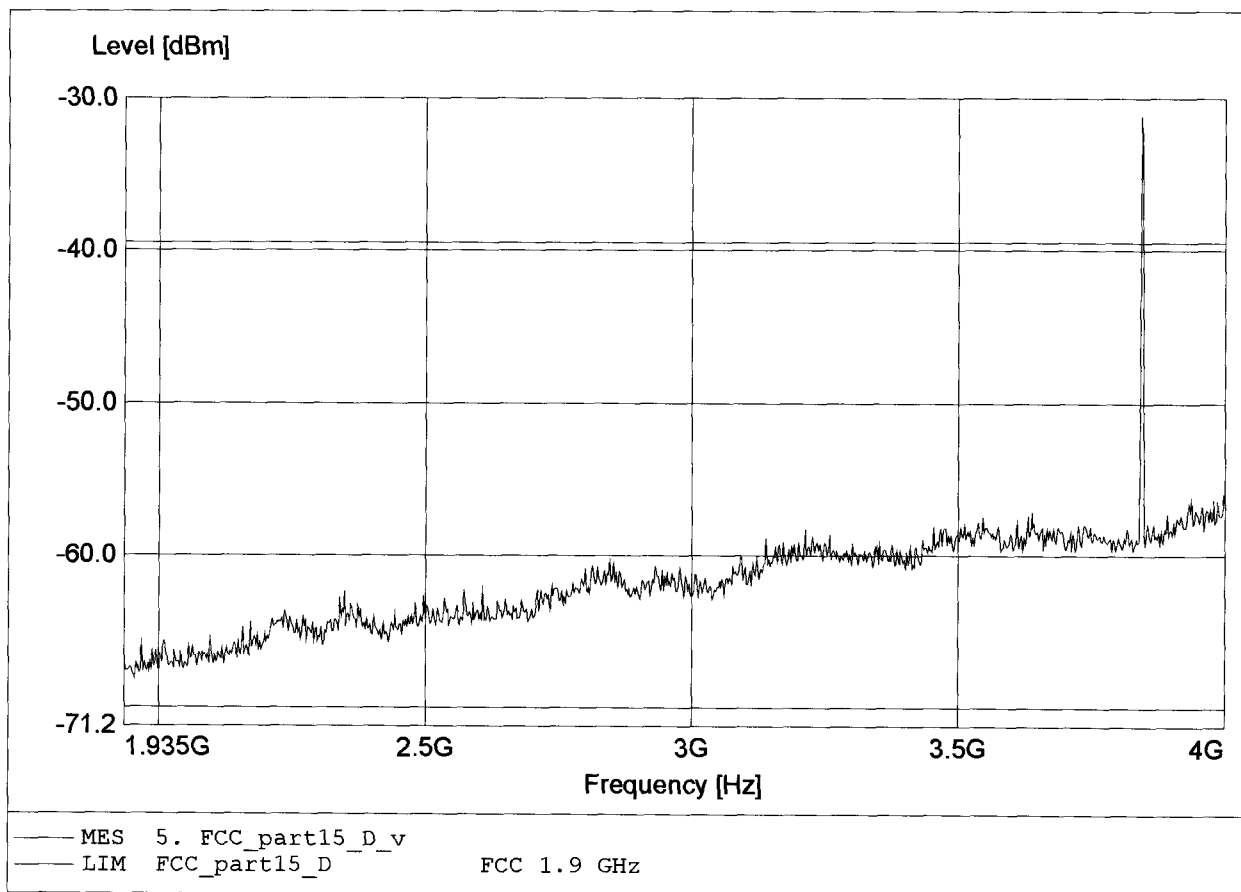
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-48.02dBm RBW: 10 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

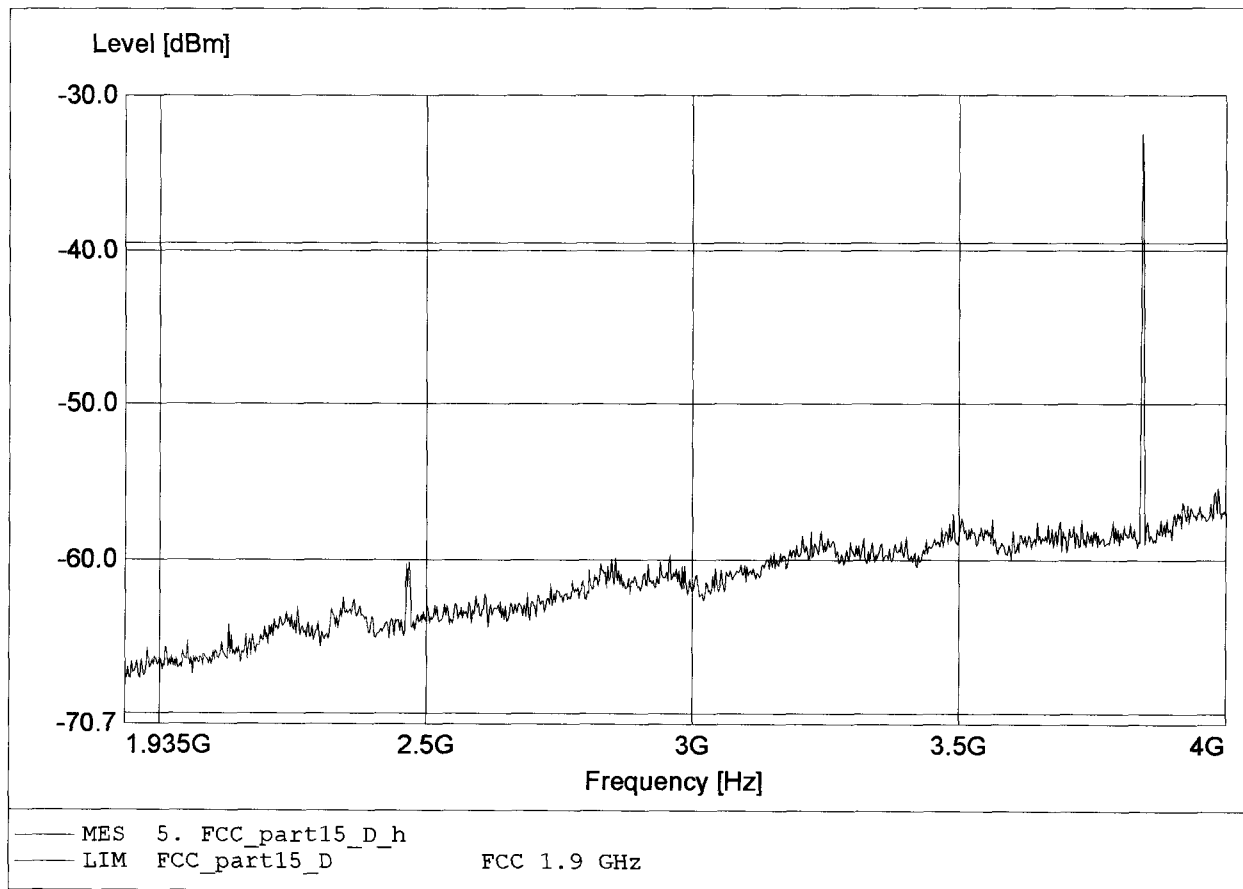
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.844GHz Pmax:-31.16dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC RULES PART 15, SUBPART D

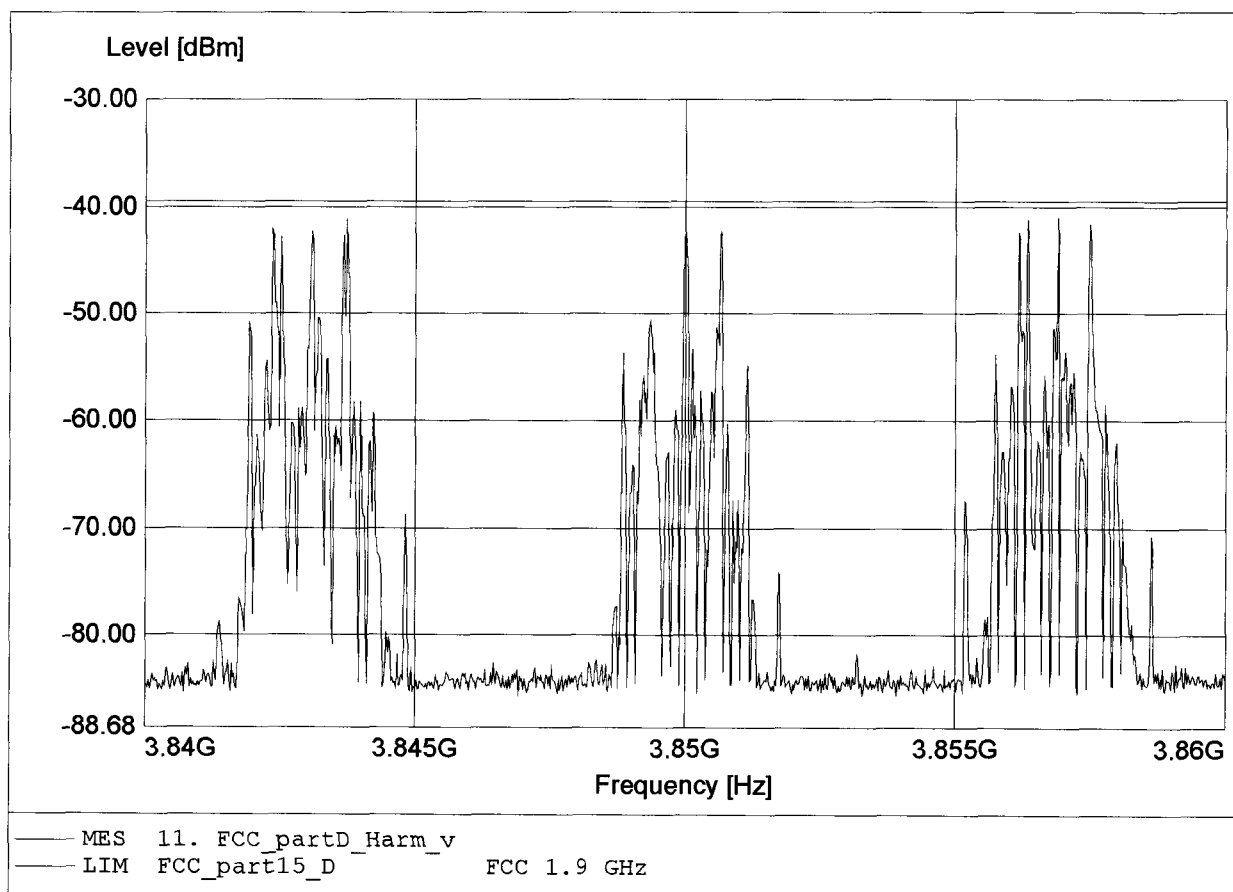
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.844GHz Pmax:-32.49dBm RBW: 100 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

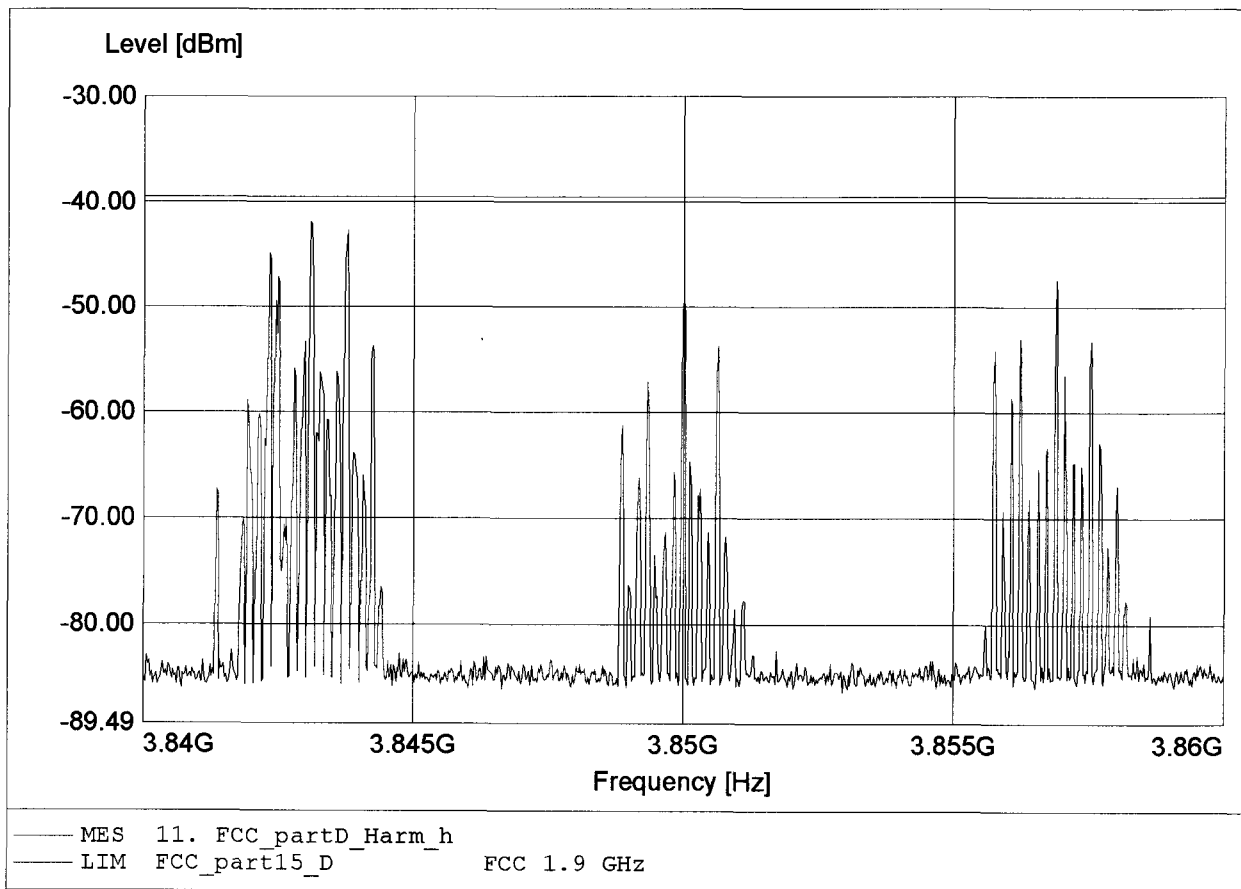
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.857GHz Pmax:-40.95dBm RBW:10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

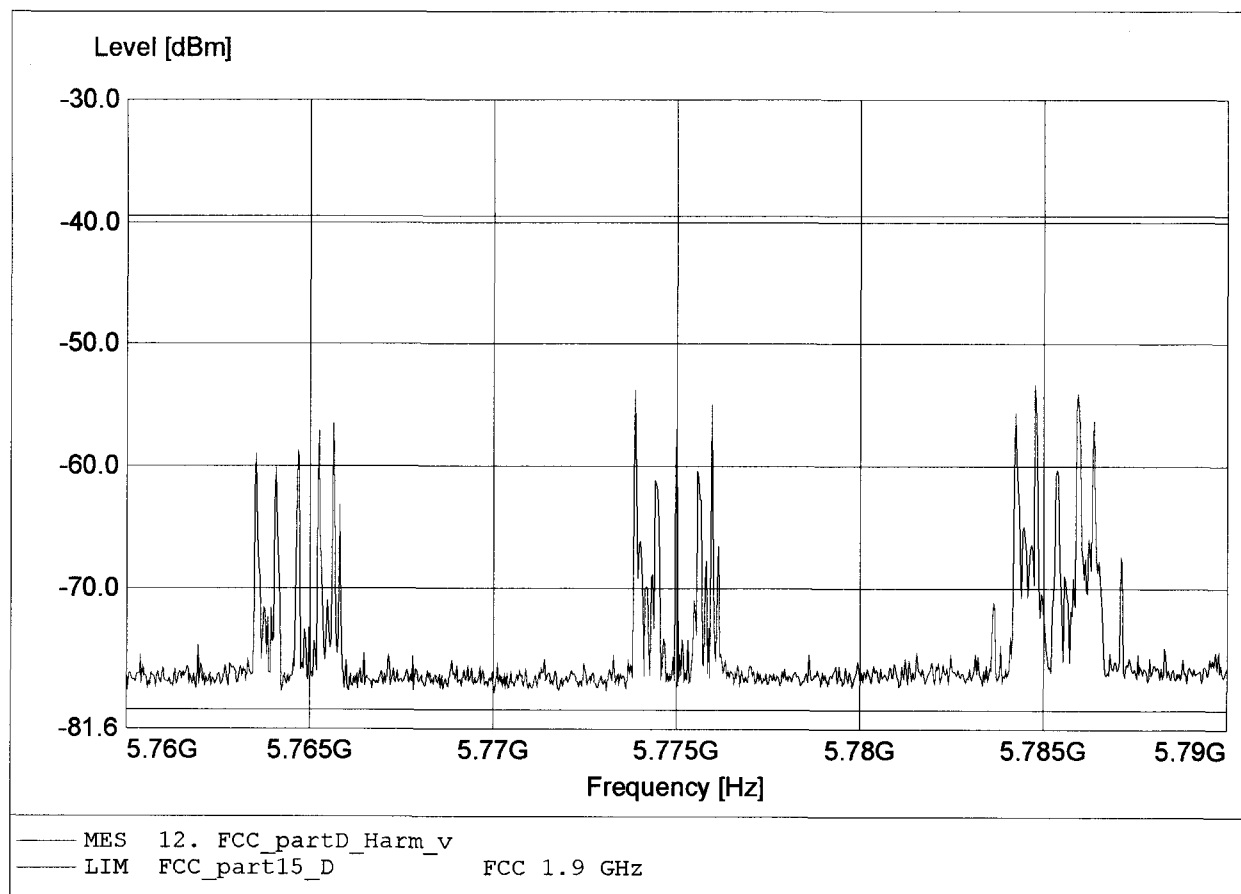
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.843GHz Pmax:-41.92dBm RBW:10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

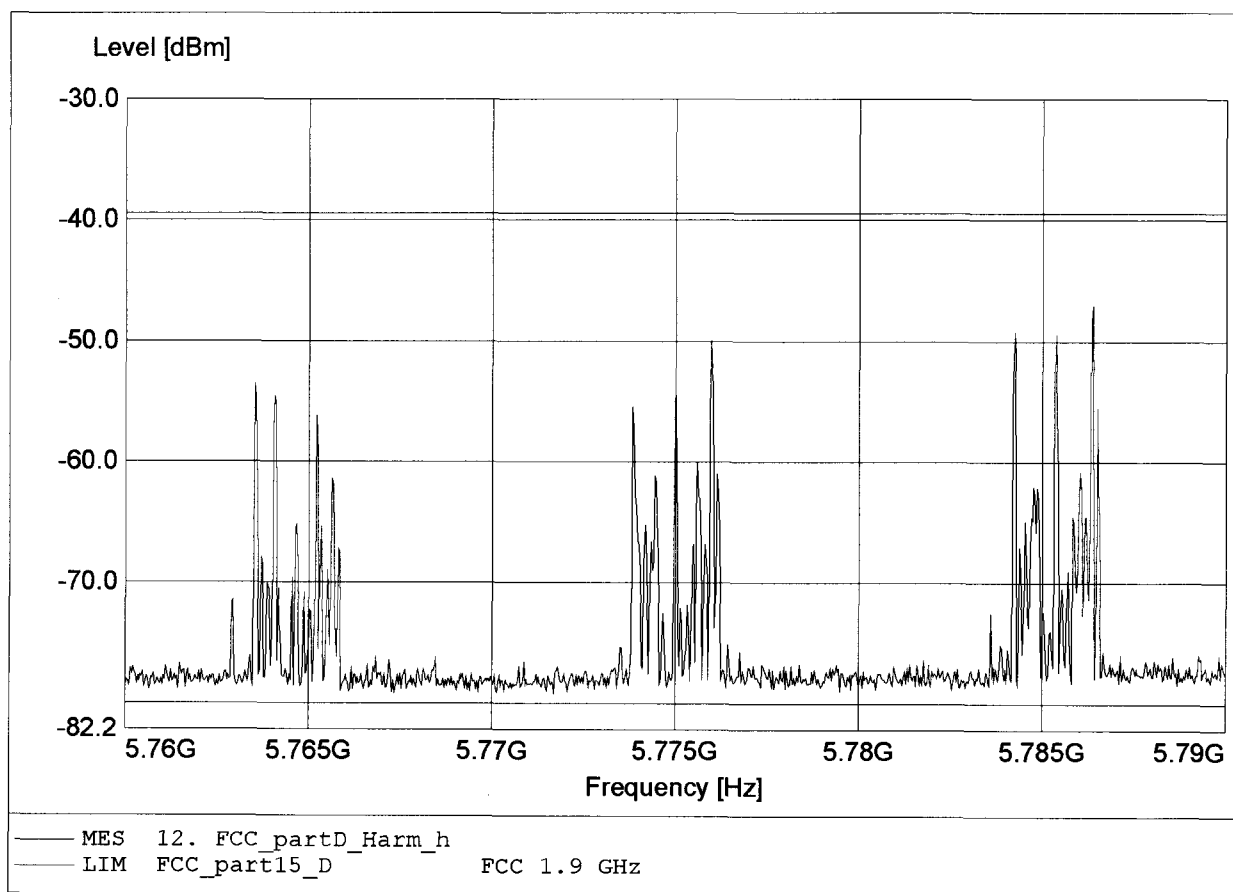
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.785GHz Pmax:-53.43dBm RBW:10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

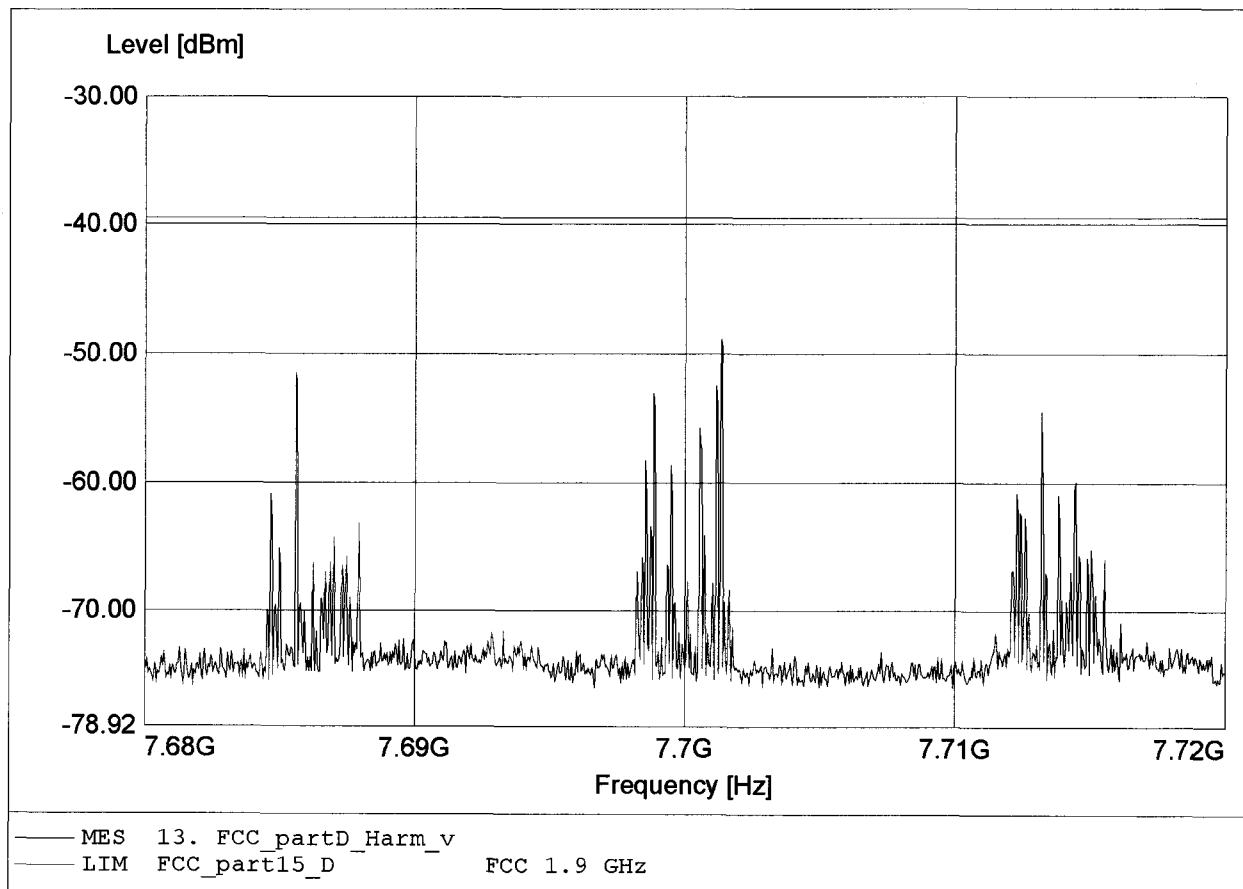
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.786GHz Pmax:-46.99dBm RBW:10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

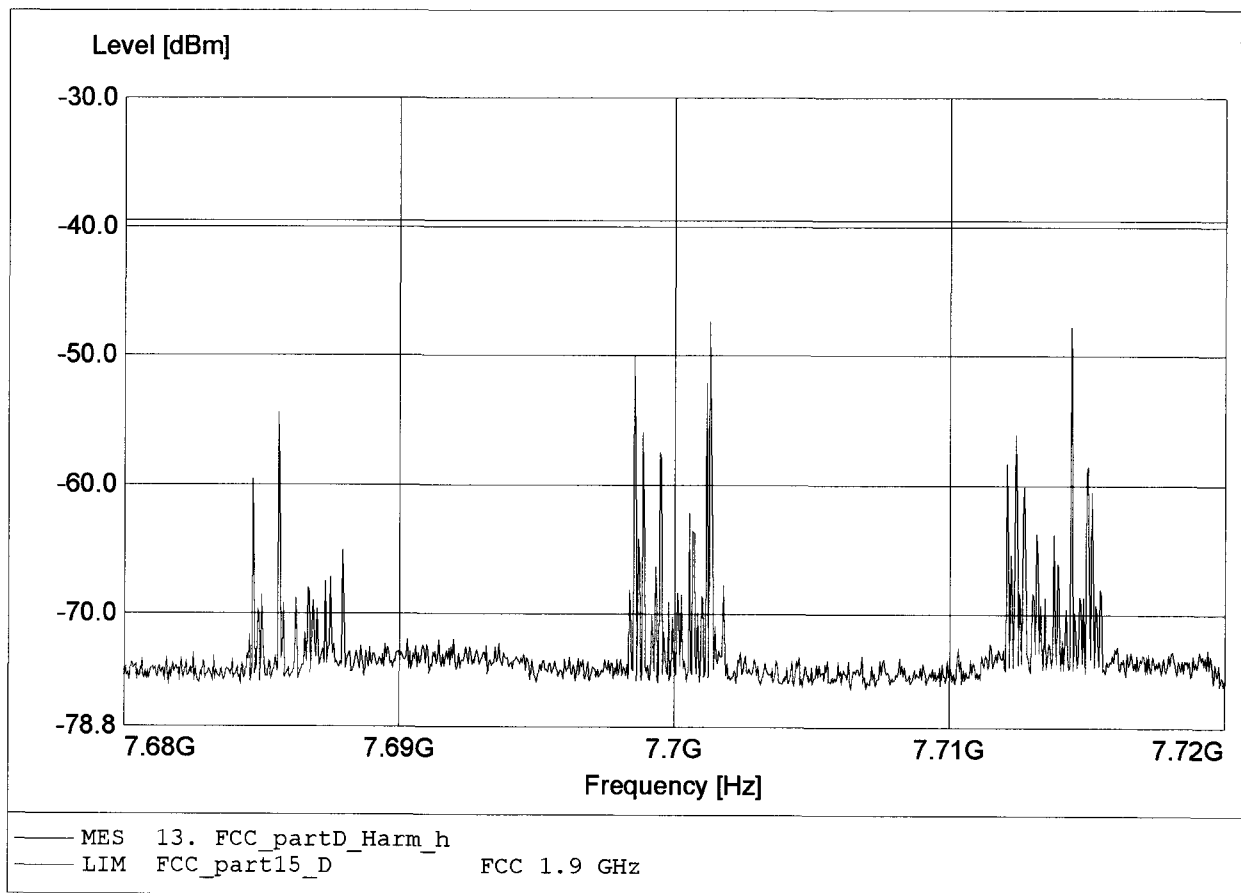
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.701GHz Pmax:-48.89dBm RBW:10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

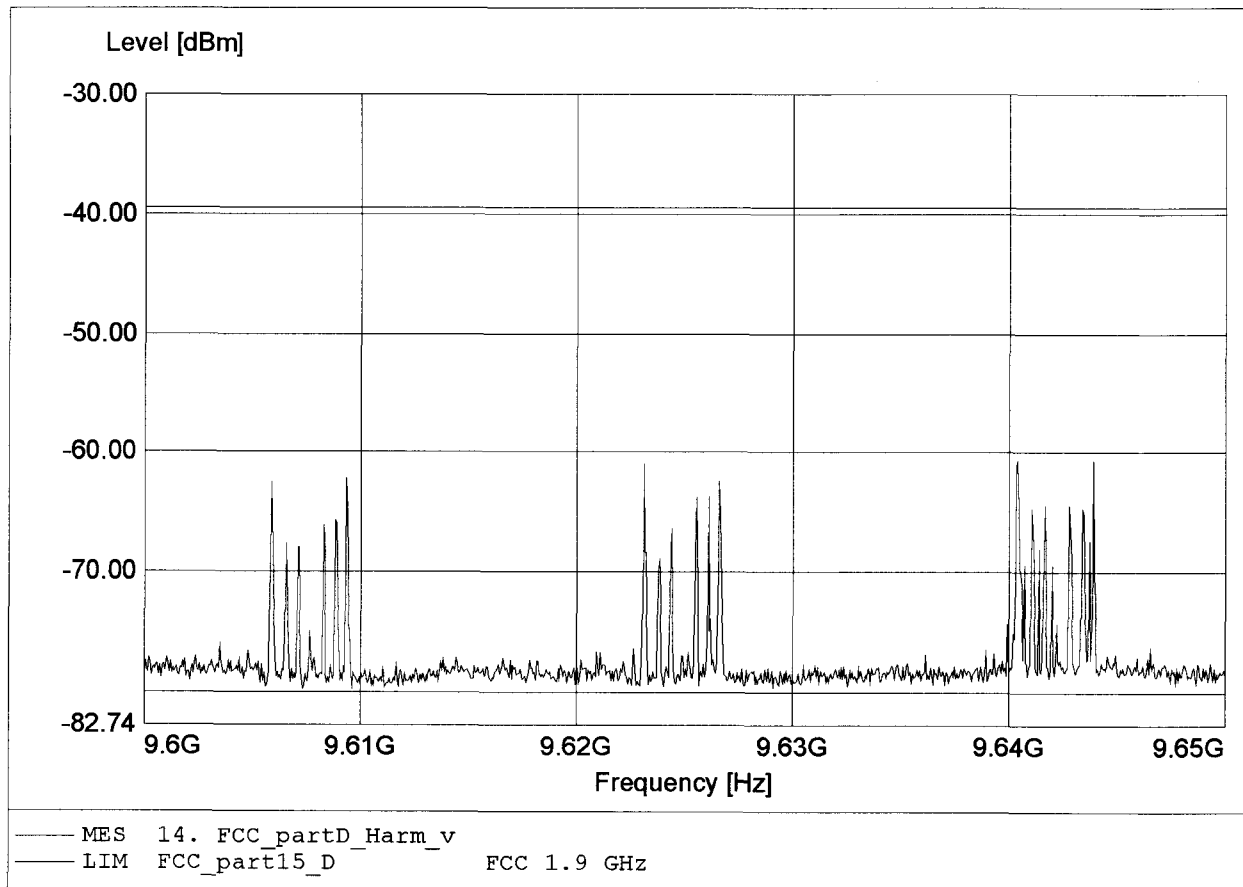
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.701GHz Pmax:-47.40dBm RBW:10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

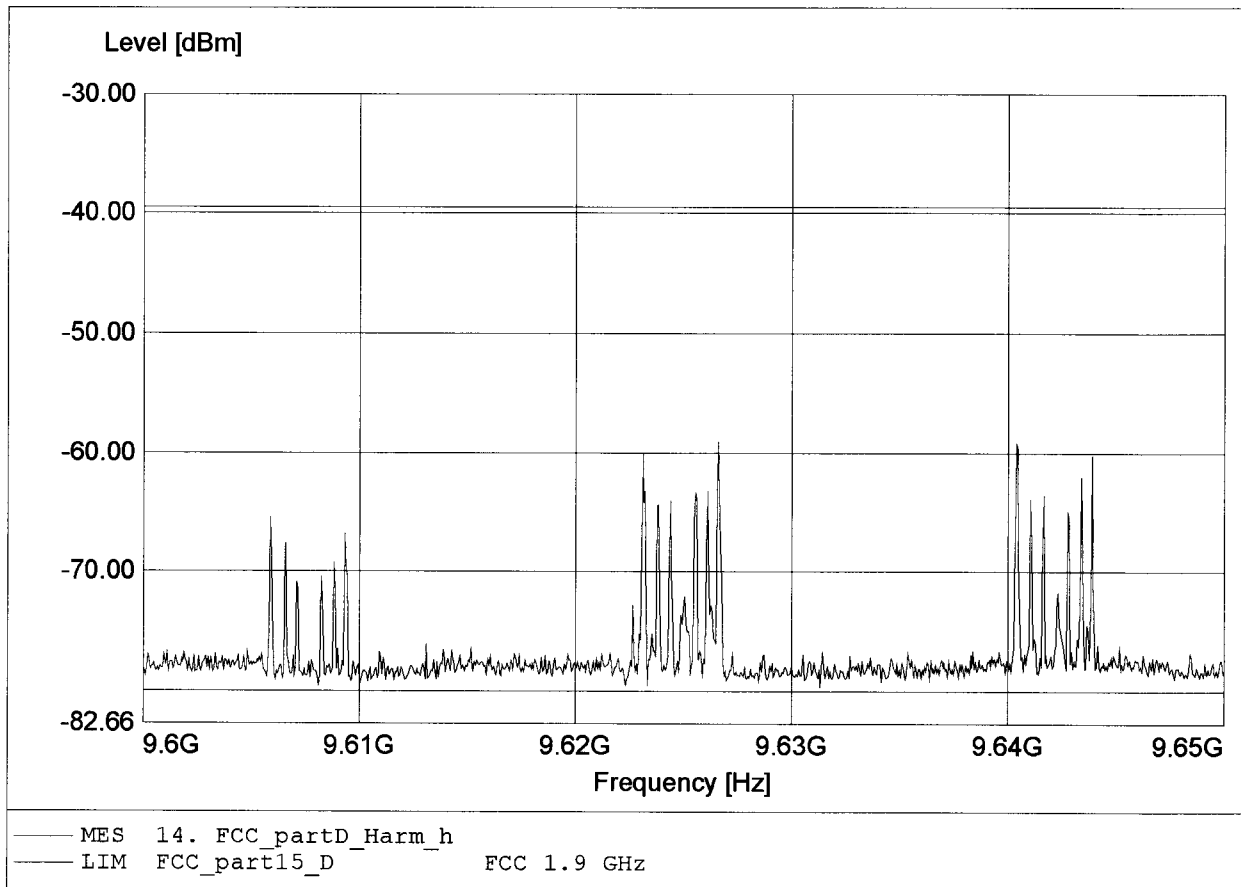
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.640GHz Pmax:-60.66dBm RBW:10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

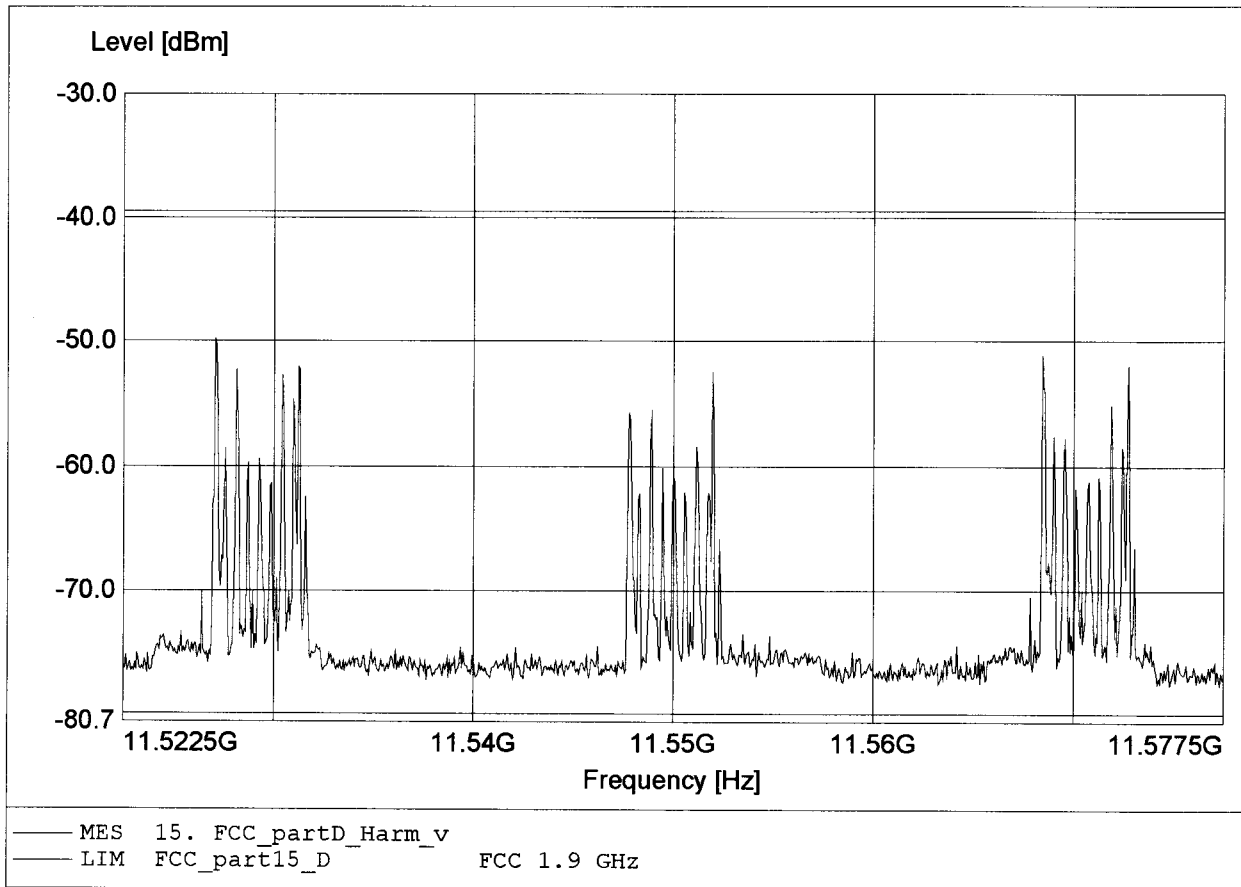
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.627GHz Pmax:-59.04dBm RBW:10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

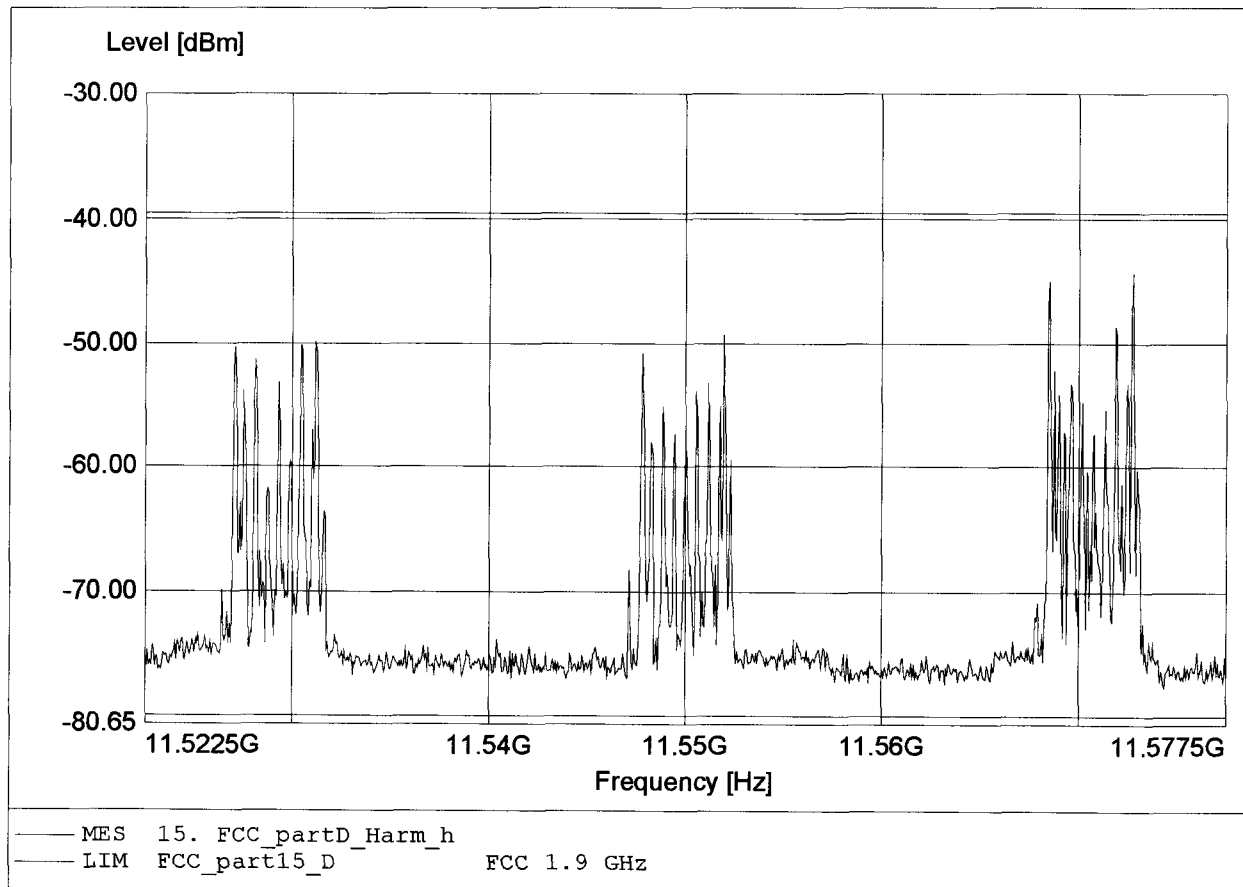
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.527GHz Pmax:-49.79dBm RBW:10 kHz



Spurious emissions under normal conditions

FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

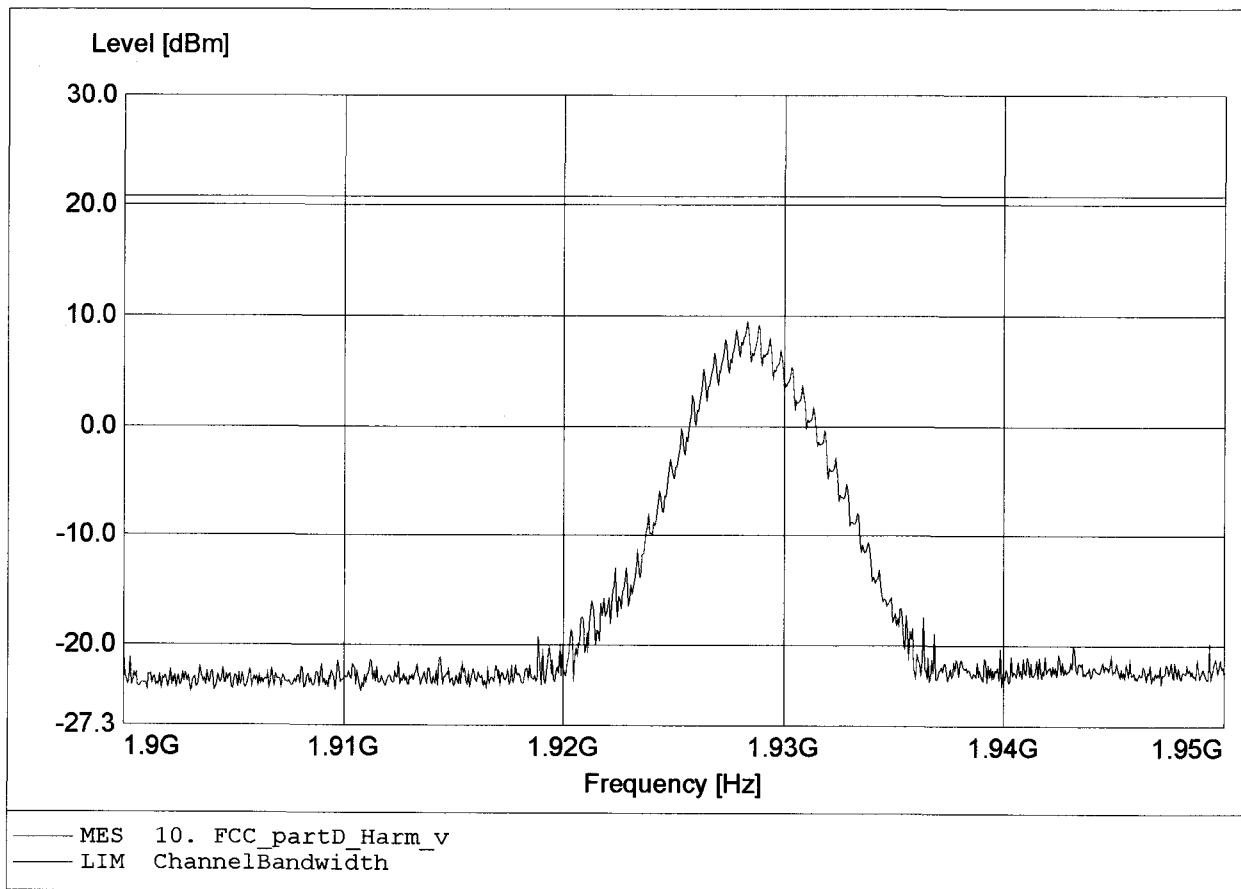
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0; 2; 4;
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.573GHz Pmax:-44.31dBm RBW:10 kHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

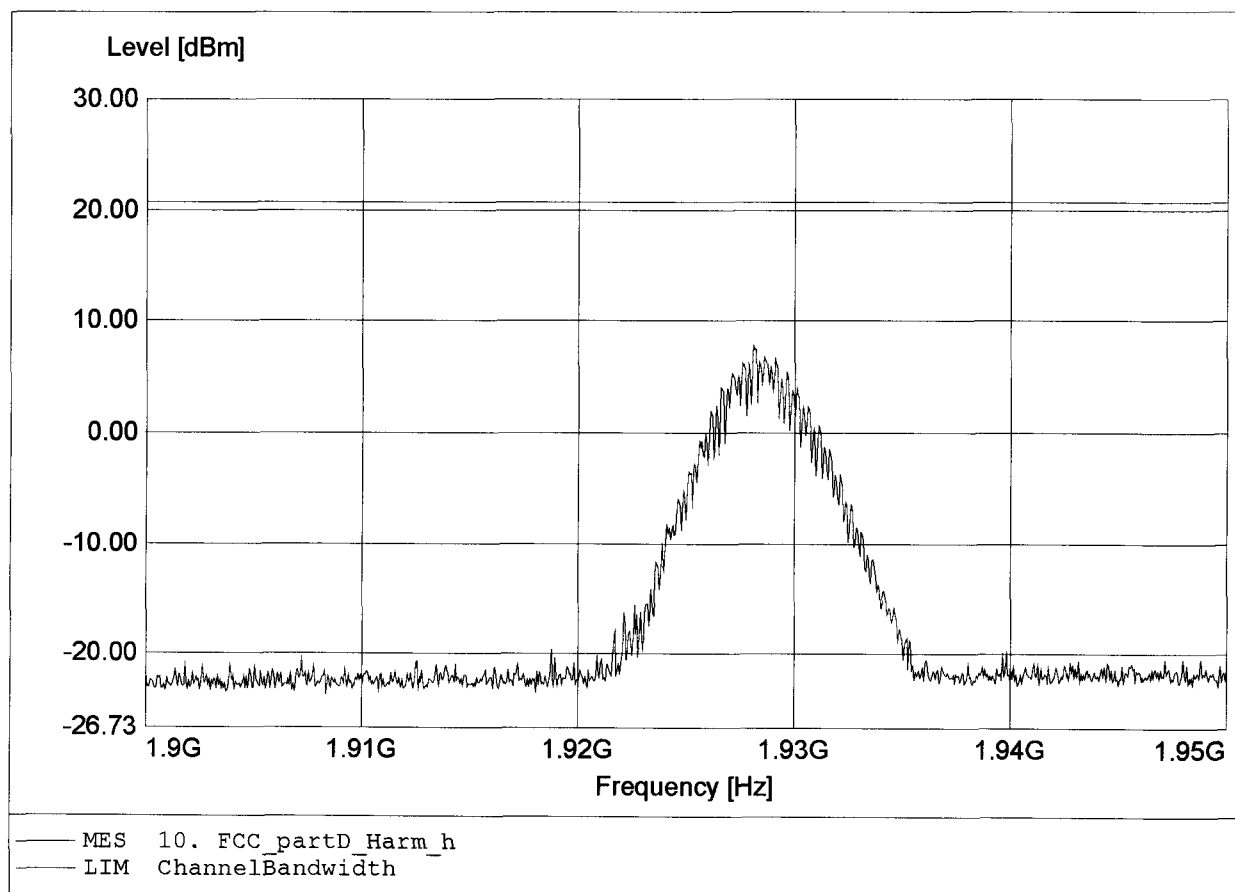
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.928GHz Pmax:9.52dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

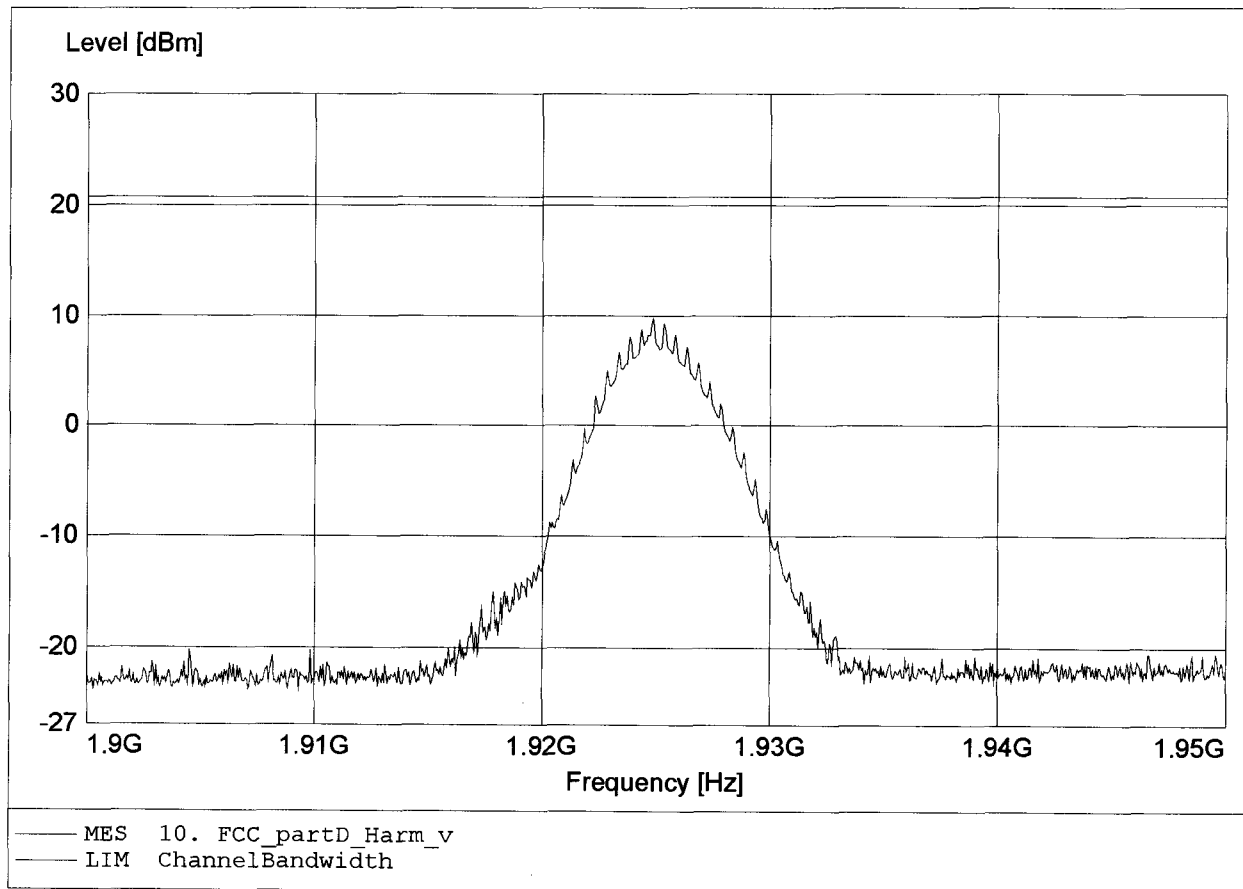
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 0
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.928GHz Pmax:7.81dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

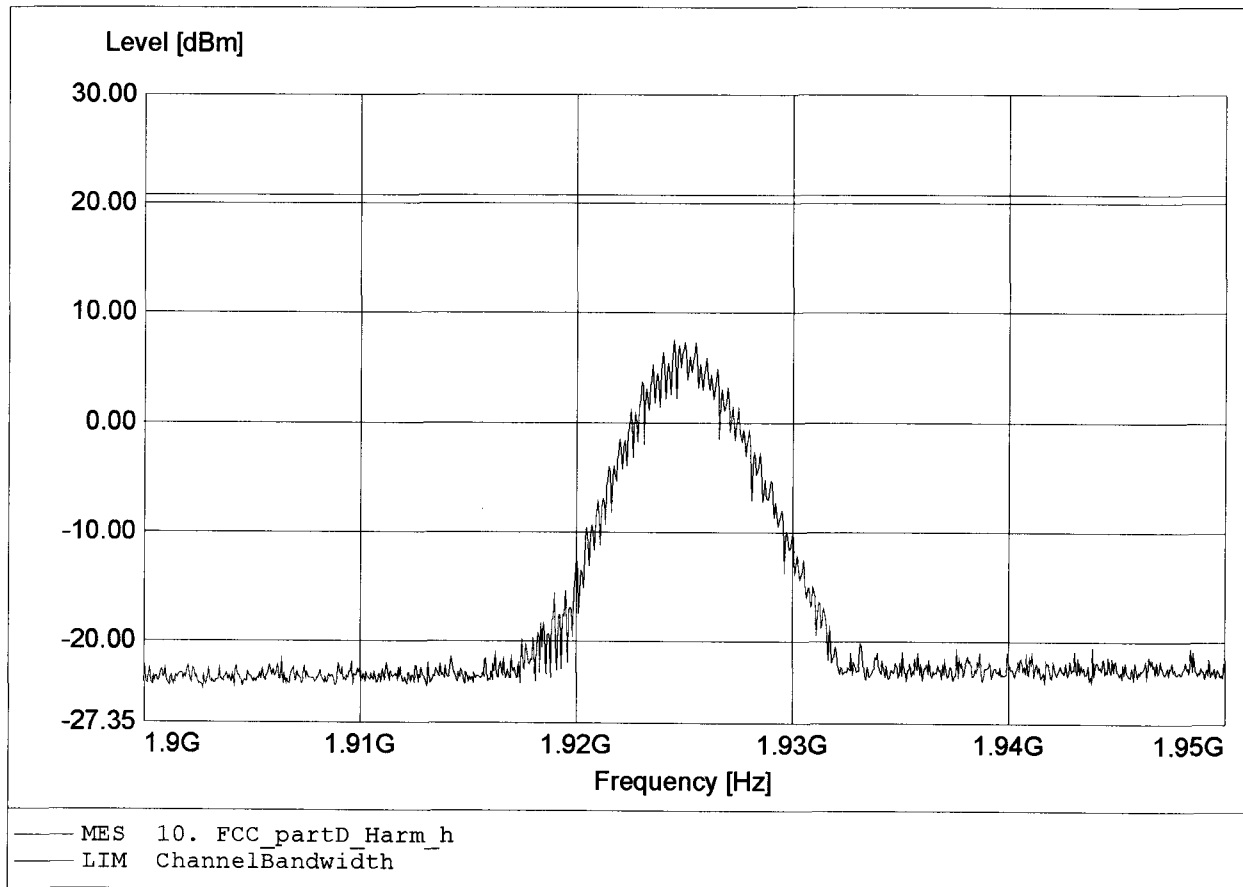
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:9.79dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

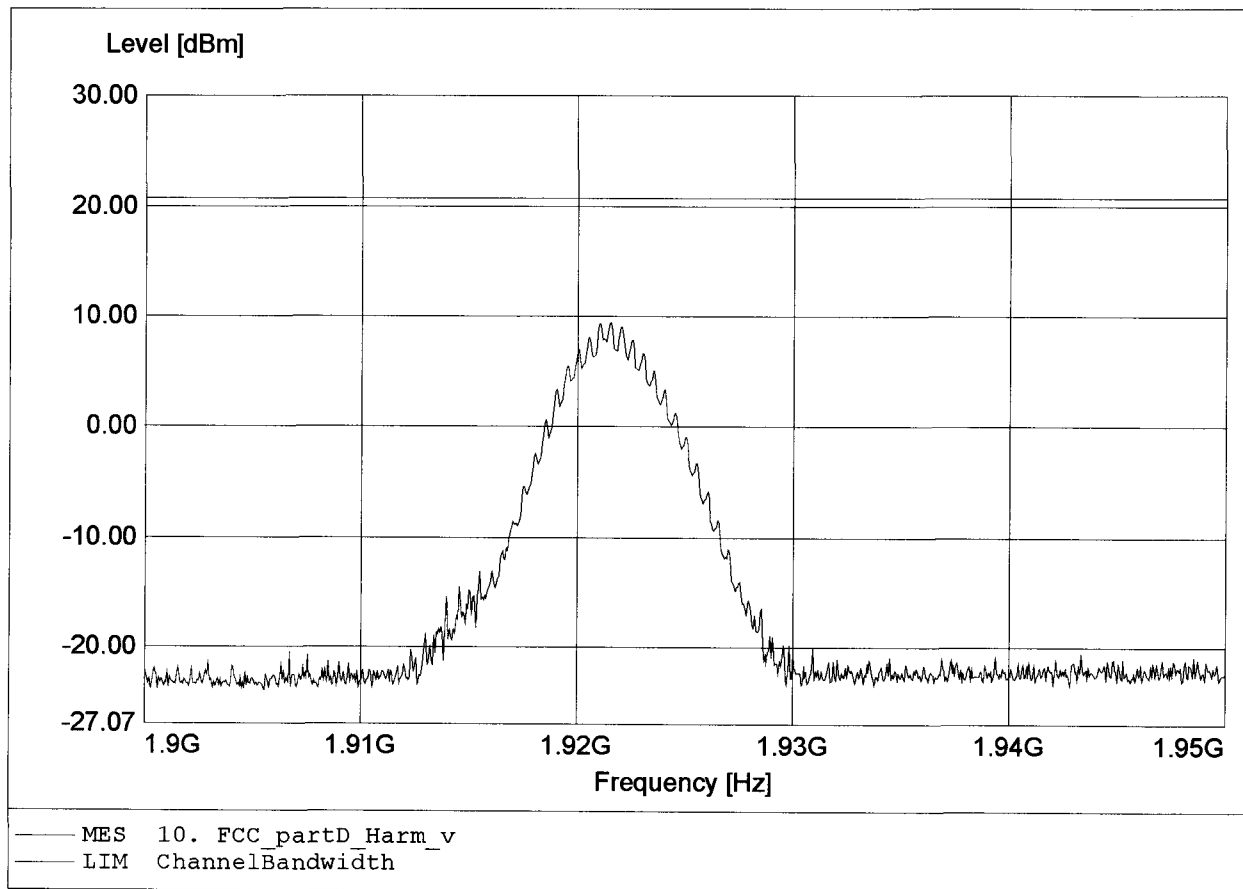
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 2
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.925GHz Pmax:7.61dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

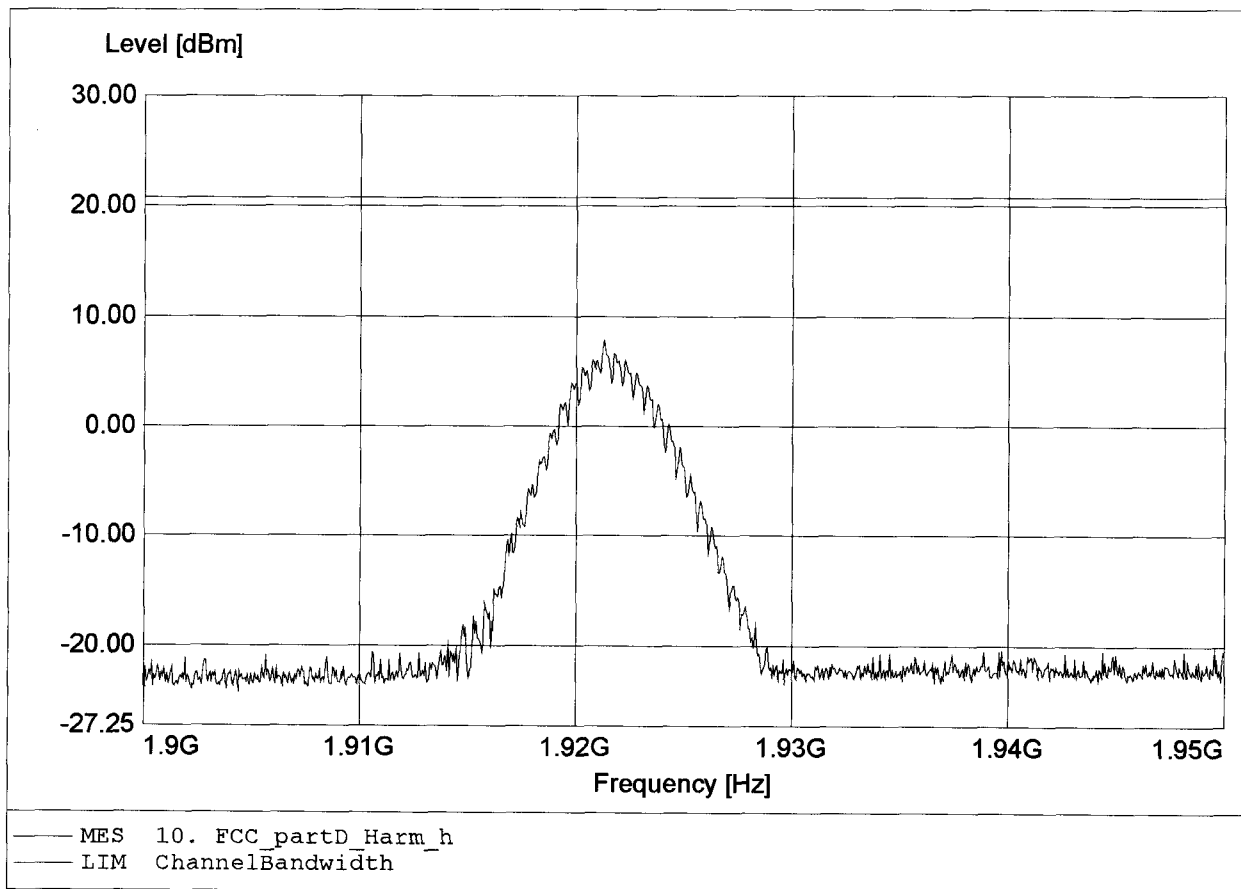
Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.922GHz Pmax:9.43dBm RBW: 5 MHz



Peak Transmit Power, Radiated

FCC RULES PART 15, SUBPART D

Type approval holder: RTX Telecom A/S
EUT : GN9300 UPCS Headset
Model: GN9300 / Ch.: 4
Test Site / Operator: ETS / Mr. Cersovsky
Temperature/ Voltage: 23°C / 3,6 V-
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 025,
Comment 2: Freq:1.921GHz Pmax:7.92dBm RBW: 5 MHz



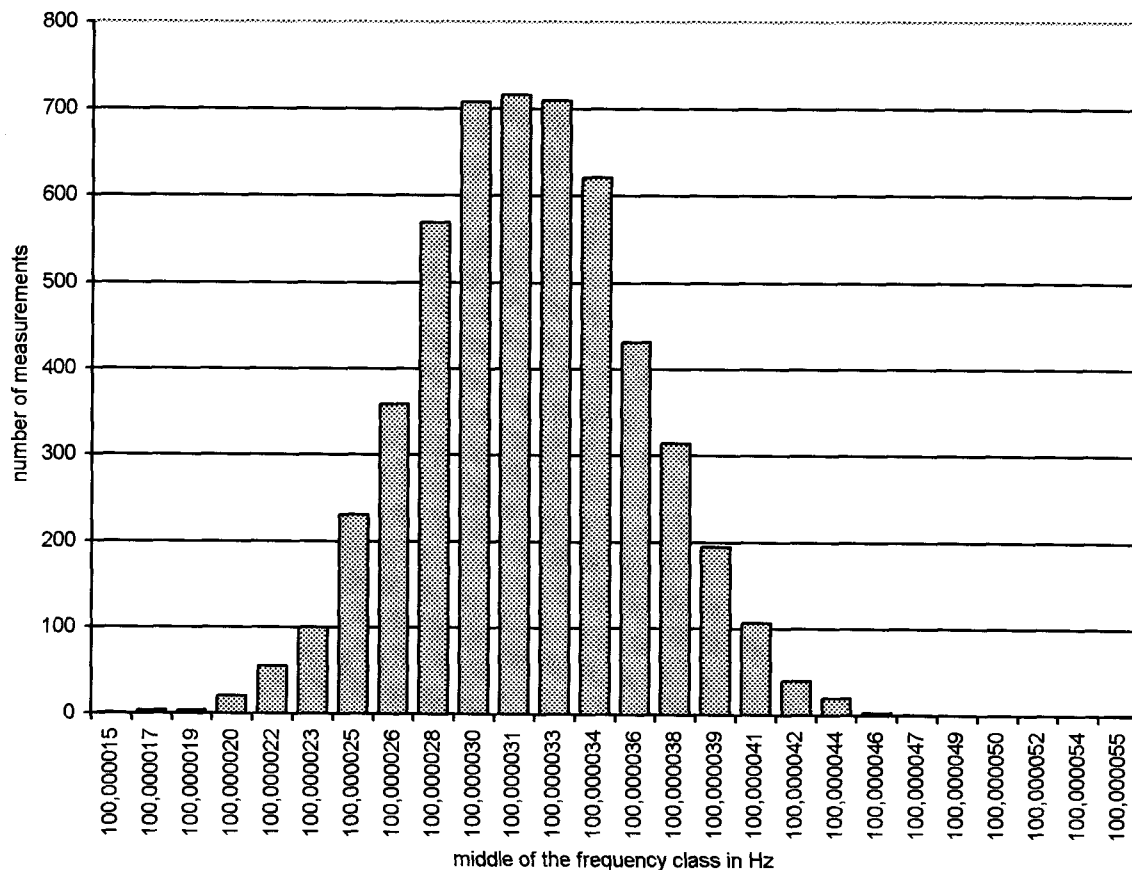
Appendix T

Frame period

FCC Part 15.323(e.1) Frame repetition**Testprocedure ANSI 63.17-1998 6.2.3****UCPS**

EUT	GN9300 UPCS (Portable) (single slot)
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.2.3 Frame repetition

Width of the frequency class	1,5948017E-06 Hz
Mean	100,0000317 Hz
Deviation	4,4156712E-06
3*Deviation in ppm	0,132470 ppm
Test result	Verdict = PASS

Histogram**Measurement diagram**

FCC Part 15.323(e.4) Frame Period and jitter

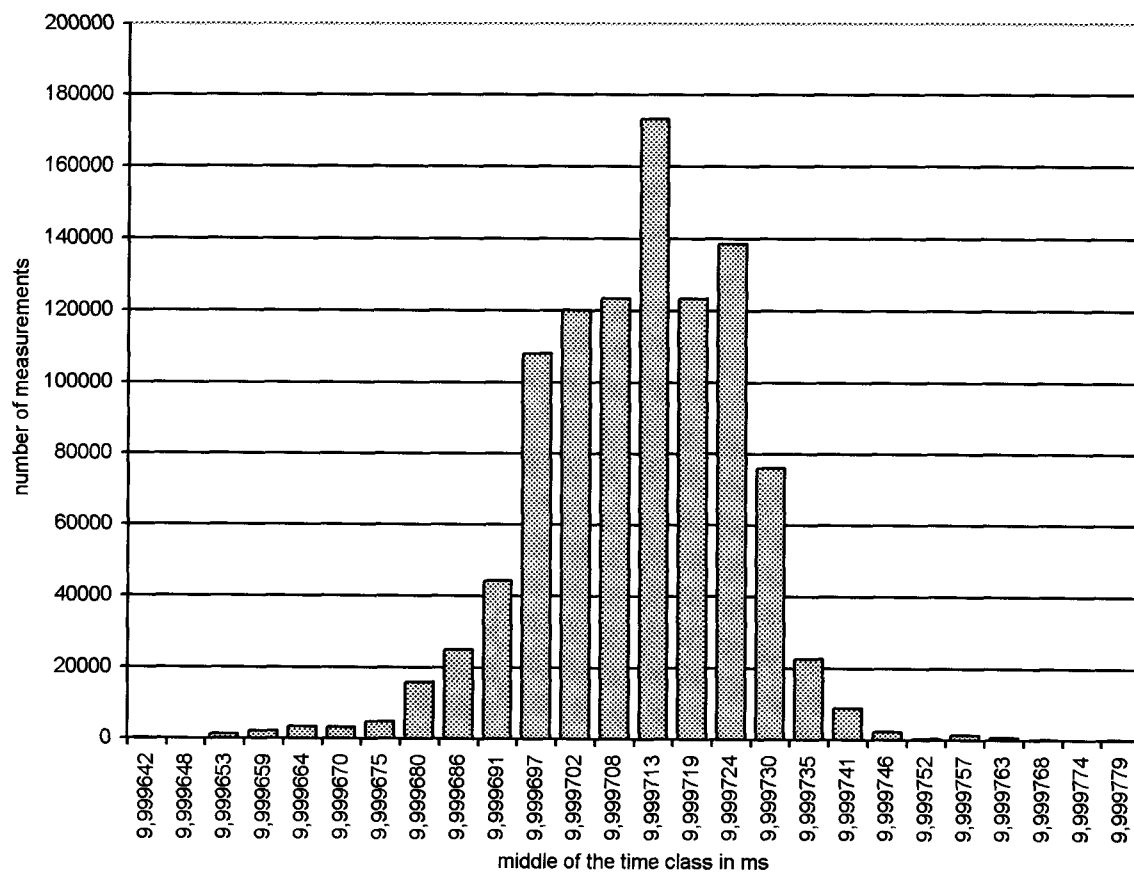
Testprocedure ANSI 63.17-1998 6.2.4

UCPS

EUT	GN9300 UPCS (Portable) (single slot)
Model	GN9300
Applicant	RTX Telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.2.4 Frame Period and jitter

Width of the time class	0,0054761 μ s
Mean	9,9997110 ms
Deviation	1,4140038E-05
Max-Min	0,1369044 μ s
Test result	Verdict = PASS

Histogram



Measurement diagram

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	-10.363	0.493	-5.38	1924.986924	Reference
5	Vnom	1924.992	-18.827	-5.486	-9.78	1924.979117	4.06
40	Vnom	1924.992	-6.428	2.009	-3.34	1924.990313	-1.76

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

