EUT :

Wireless Headset / Base / Ant.: 2 / Ch.: 0

GN9120 2G4 FCC

Model: Approval Holder:

GnNetcom

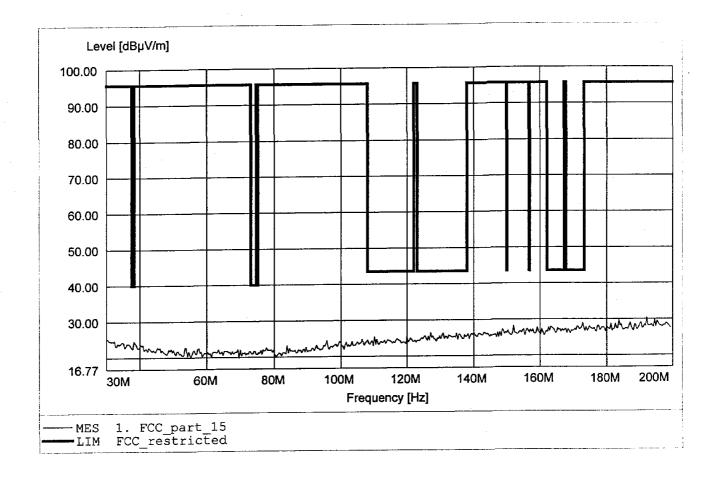
Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor) Test Site / Operator: ETS / Mr. Hoppe

Test Specification:

according to \$15.247

Comment 1: Comment 2:

Dist.: 3m, Ant.: HK 116 Freq: 192.164MHz, Emax: 30.38dBμV/m, RBW: 100kHz



EUT: Wireless Headset / Base / Ant.: 2 / Ch.: 0

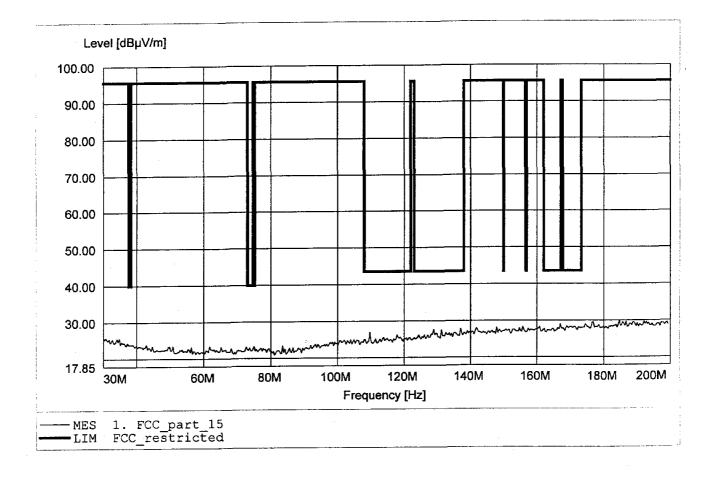
Model: GN9120 2G4 FCC

Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to \$15.247
Comment 1: Dist.: 3m, Ant.: HK 116

Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 184.669MHz, Emax: 29.93dBµV/m, RBW: 100kHz



Base / Ant.: 2 / Ch.: 0 Wireless Headset /

Model: GN9120 2G4 FCC

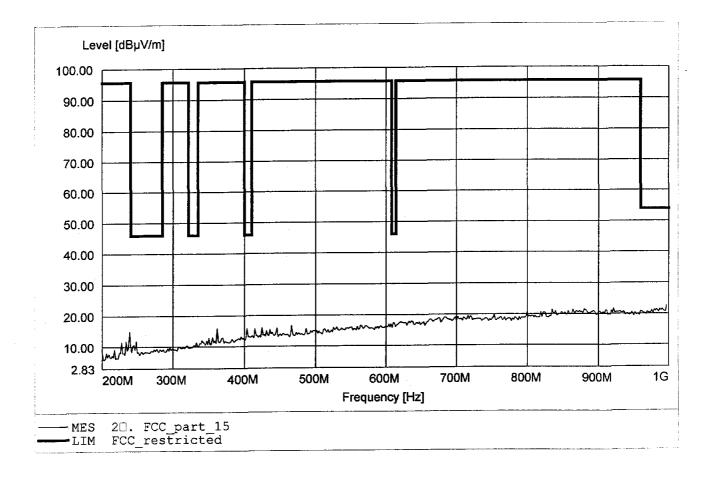
GnNetcom Approval Holder:

Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe according to \$15.247 Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL 223, amplif. Freq: 996.794MHz, Emax: 22.78dBuV/m, RBW: 100kHz Comment 2:



Wireless Headset / Base / Ant.: 2 / Ch.: 0

GN9120 2G4 FCC Model: GnNetcom

Approval Holder:

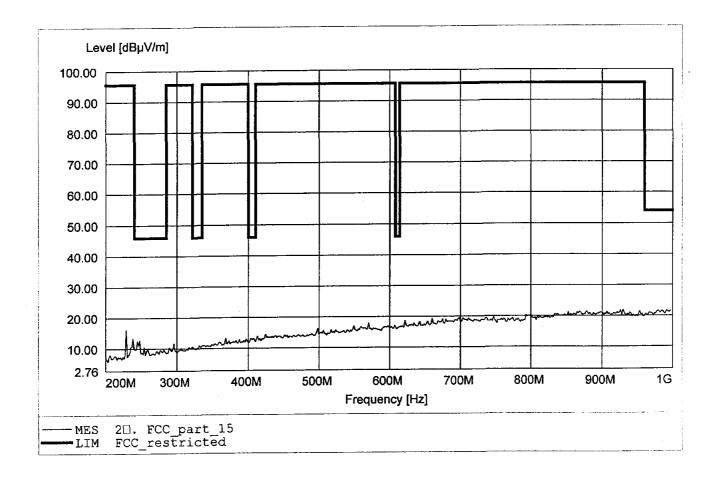
/ Unom: 120 V AC (AC/DC adaptor) Operating Condition: Tnom:23°C

Test Site / Operator: ETS / Mr. Hoppe according to \$15.247 Test Specification:

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL 223, amplif. Freq: 929.459MHz, Emax: 21.90dBpV/m, RBW: 100kHz



EUT: Wireless Headset / Base / Ant.: 2 / Ch.: 0

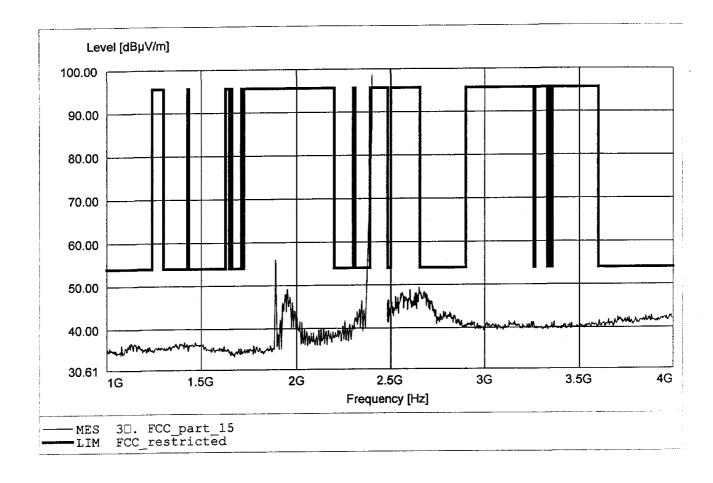
Model: GN9120 2G4 FCC

Approval Holder: GnNetcom
Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to \$15.247, peak detector Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.

Comment 2: Freq: 2.400GHz, Emax: 98.59dBuV/m, RBW: 1MHz



EUT :

Wireless Headset / Base / Ant.: 2 / Ch.: 0

GN9120 2G4 FCC

Model: Approval Holder:

GnNetcom

Operating Condition: Tnom:23°C

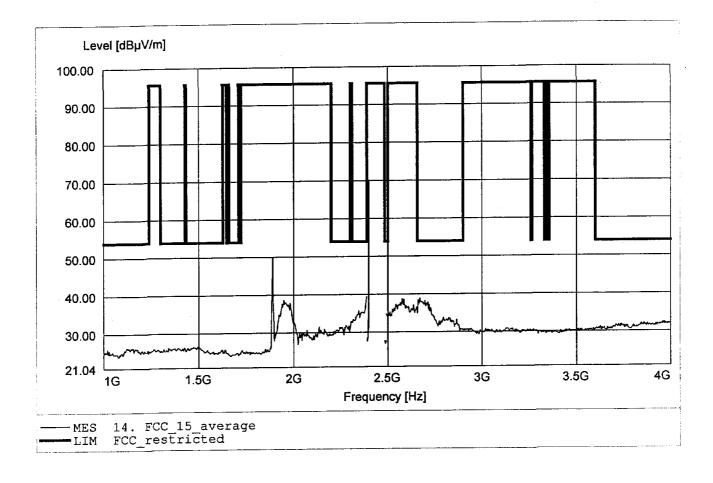
Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor) Test Site / Operator: ETS / Mr. Hoppe

Test Specification:

Comment 1:

according to \$15.247, average detector

Dist.: 3m, Ant.: BBHA2190D, amplif. Freq: 2.400GHz, Emax: 70.24dBμV/m, RBW: 1MHz Comment 2:



EUT :

Wireless Headset / Base / Ant.: 2 / Ch.: 0

GN9120 2G4 FCC

Model: Approval Holder:

GnNetcom

Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification:

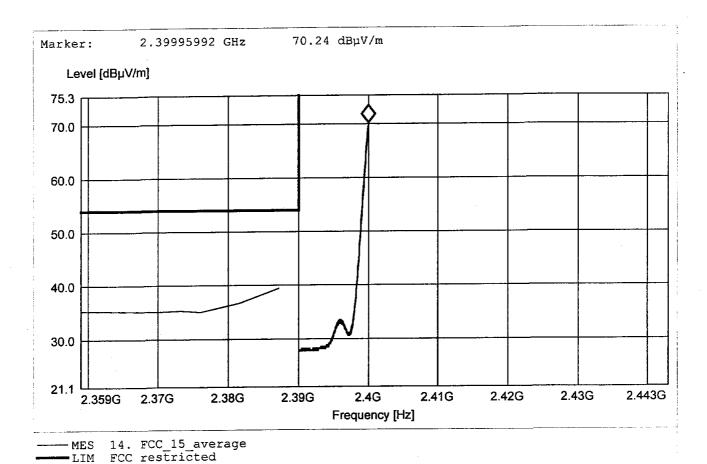
according to \$15.247, average detector

Comment 1:

Dist.: 3m, Ant.: BBHA2190D, amplif.

Comment 2:

Freq: 2.400GHz, Emax: 70.24dBµV/m, RBW: 1MHz



Ant.: 2 / Ch.: 0 Wireless Headset / Base / EUT :

GN9120 2G4 FCC Model:

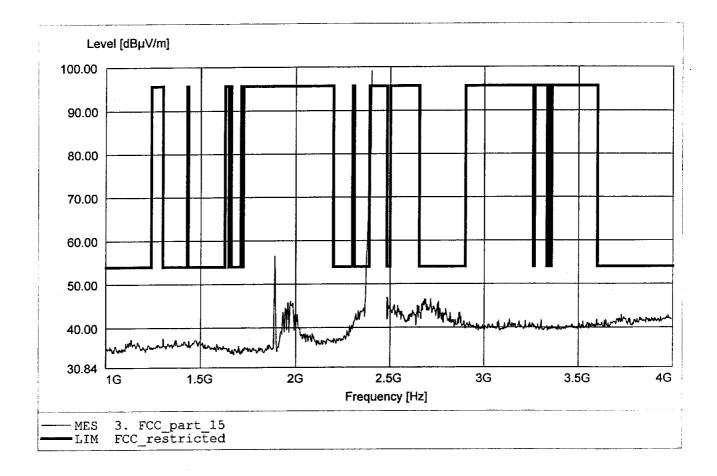
GnNetcom Approval Holder:

Tnom:23°C Unom: 120 V AC (AC/DC adaptor) Operating Condition:

Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Test Specification: Comment 1:

Dist.: 3m, Ant.: BBHA2190D, amplif. Freq: 2.400GHz, Emax: 99.18dBµV/m, RBW: 1MHz Comment 2:



EUT :

Base / Ant.: 2 / Ch.: 0 Wireless Headset /

GN9120 2G4 FCC

Model:

Approval Holder:

 ${\tt GnNetcom}$

Unom: 120 V AC (AC/DC adaptor)

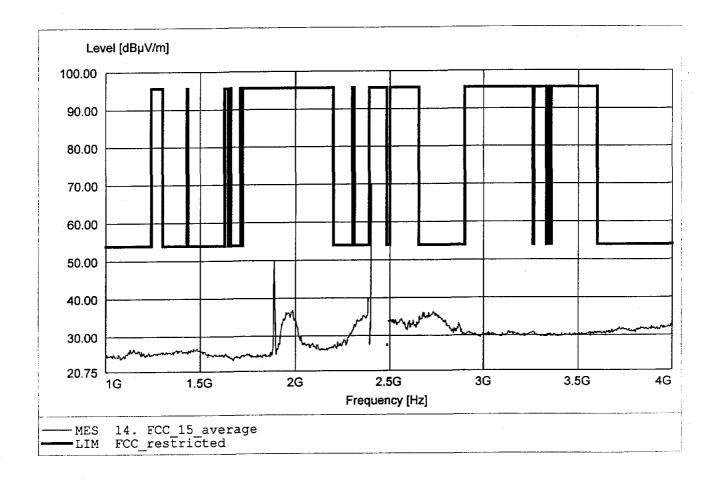
Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification: Comment 1:

according to \$15.247, average detector Dist.: 3m, Ant.: BBHA2190D, amplif.

Comment 2:

Freq: 2.400GHz, Emax: 69.98dBuV/m, RBW: 1MHz



Model:

Wireless Headset / Base / Ant.: 2 / Ch.: 0

GN9120 2G4 FCC

Approval Holder:

GnNetcom

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Unom: 120 V AC (AC/DC adaptor)

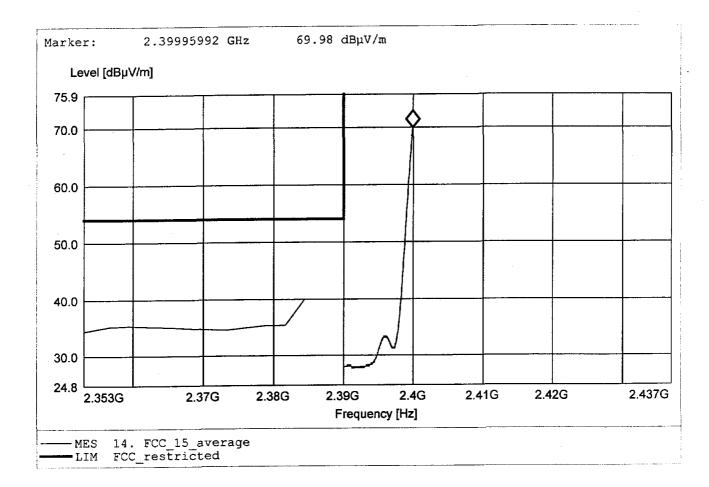
Test Specification:

Comment 1:

according to \$15.247, average detector

Dist.: 3m, Ant.: BBHA2190D, amplif.

Freq: 2.400GHz, Emax: 69.98dBuV/m, RBW: 1MHz Comment 2:



Wireless Headset / GN9120 2G4 FCC EUT :

Base / Ant.: 2 / Ch.: 0

Model:

 ${\tt GnNetcom}$

Approval Holder:

/ Unom: 120 V AC (AC/DC adaptor)

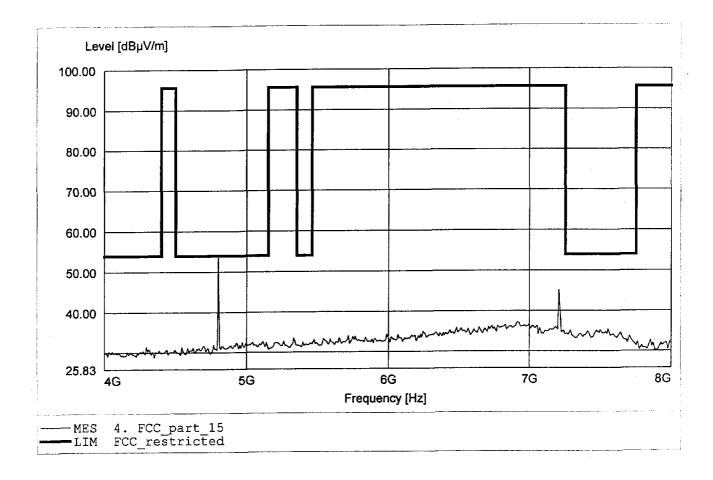
Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification:

according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.

Comment 1: Comment 2:

Freq: 4.802GHz, Emax: 53.50dBuV/m, RBW: 1MHz



Base / Ant.: 2 / Ch.: 0 Wireless Headset / EUT :

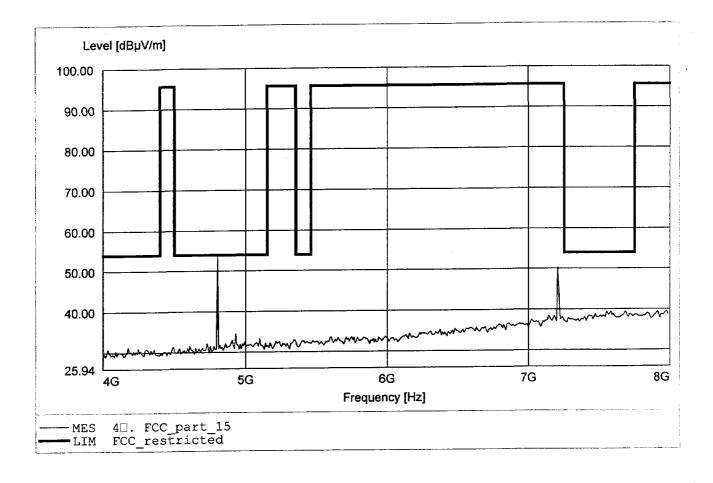
GN9120 2G4 FCC Model:

Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe Unom: 120 V AC (AC/DC adaptor)

according to \$15.247, peak detector Test Specification: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Comment 1:

Freq: 4.802GHz, Emax: 54.03dBpV/m, RBW: 1MHz Comment 2:



Wireless Headset / Base / Ant.: 2 / Ch.: 0 Model:

GN9120 2G4 FCC

Approval Holder:

GnNetcom Unom: 120 V AC (AC/DC adaptor)

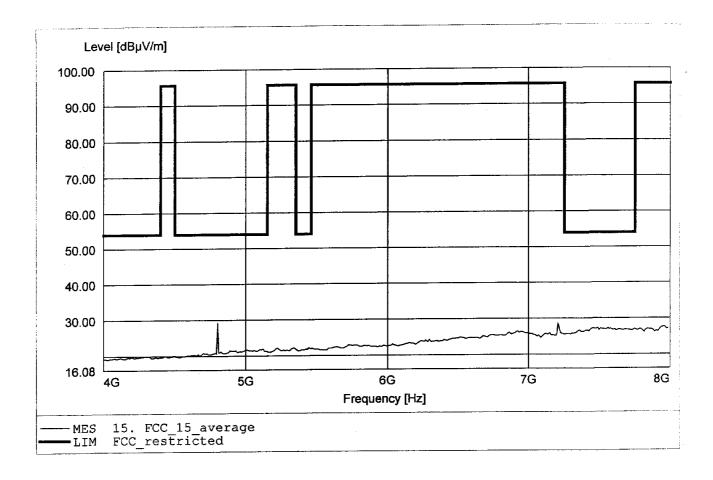
Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification: Comment 1:

according to \$15.247, average detector

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 4.802GHz, Emax: 29.29dBµV/m, RBW: 1MHz



Base / Ant.: 2 / Ch.: 0 Wireless Headset /

GN9120 2G4 FCC Model:

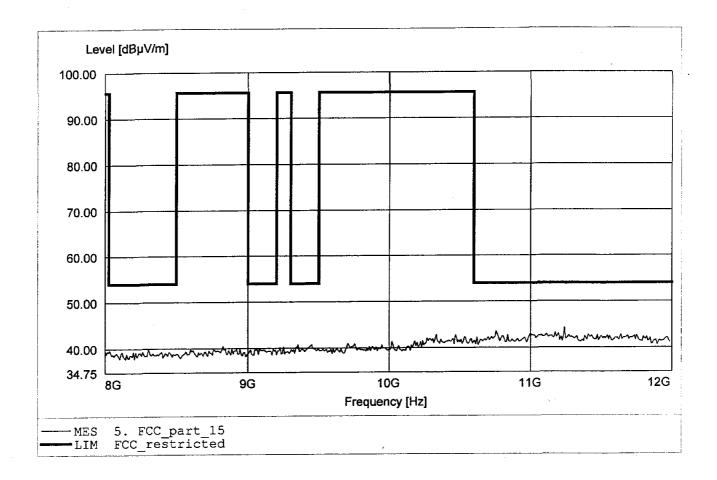
GnNetcom Approval Holder:

/ Unom: 120 V AC (AC/DC adaptor) Tnom:23°C Operating Condition:

Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Test Specification: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 11.238GHz, Emax: 44.30dBµV/m, RBW: 1MHz Comment 1:

Comment 2:



EUT: Wireless Headset / Base / Ant.: 2 / Ch.: 0

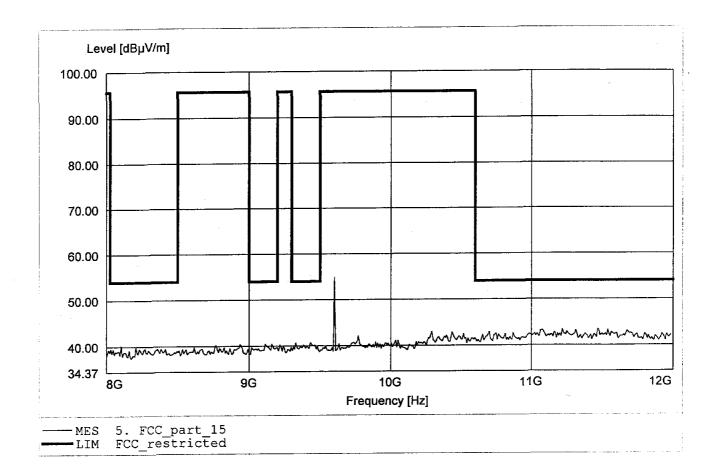
Model: GN9120 2G4 FCC

Approval Holder: GnNetcom
Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to \$15.247, peak detector Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.

Comment 2: Freq: 9.603GHz, Emax: 54.90dBµV/m, RBW: 1MHz



EUT :

Base / Ant.: 2 / Ch.: 0 Wireless Headset

GN9120 2G4 FCC

Model: Approval Holder:

 ${\tt GnNetcom}$

Unom: 120 V AC (AC/DC adaptor)

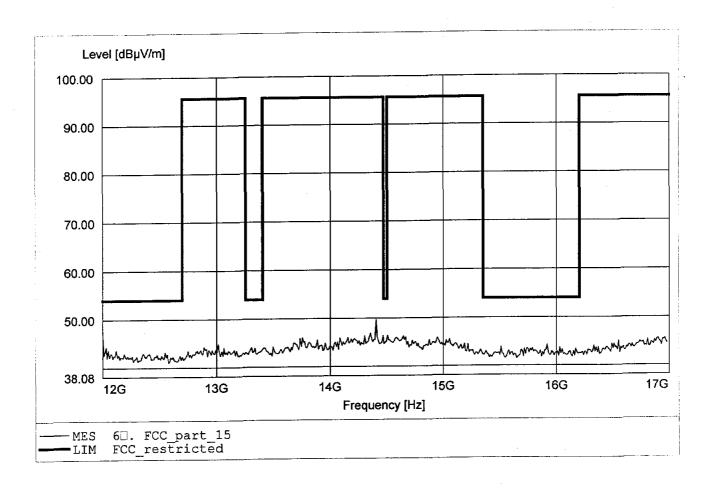
Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification: Comment 1:

according to \$15.247, peak detector

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 14.405GHz, Emax: 49.77dBµV/m, RBW: 1MHz



EUT :

Wireless Headset / GN9120 2G4 FCC

Base / Ant.: 2 / Ch.: 0

Model:

Approval Holder:

GnNetcom

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Unom: 120 V AC (AC/DC adaptor)

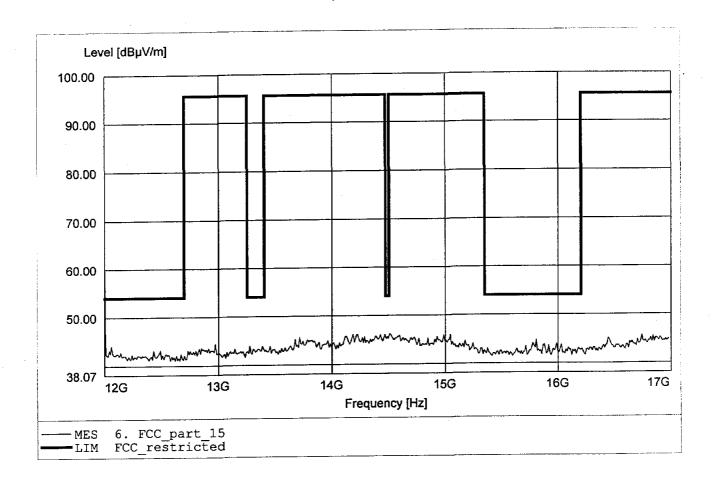
Test Specification:

according to \$15.247, peak detector

Comment 1:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 12.000GHz, Emax: 60.61dBpV/m, RBW: 1MHz

Comment 2:



Base / Ant.: 2 / Ch.: 0 Wireless Headset / EUT :

GN9120 2G4 FCC Model:

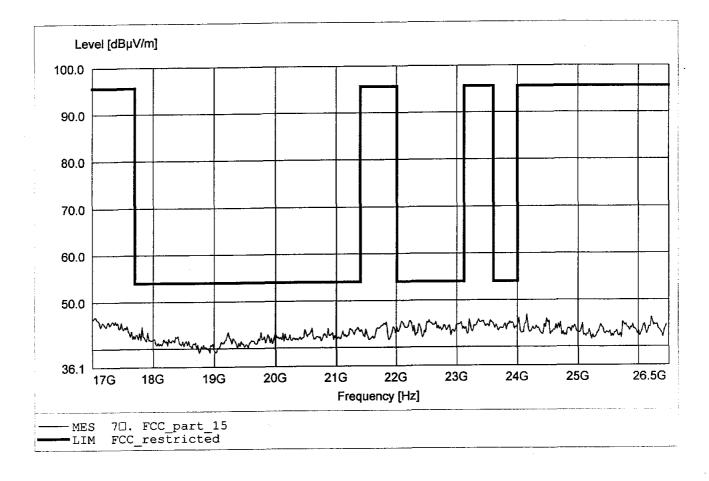
Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe Unom: 120 V AC (AC/DC adaptor)

according to \$15.247, peak detector Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL025, amplif. Freq: 24.158GHz, Emax: 46.88dBµV/m, RBW: 1MHz Comment 2:



Base / Ant.: 2 / Ch.: 0 Wireless Headset /

GN9120 2G4 FCC Model:

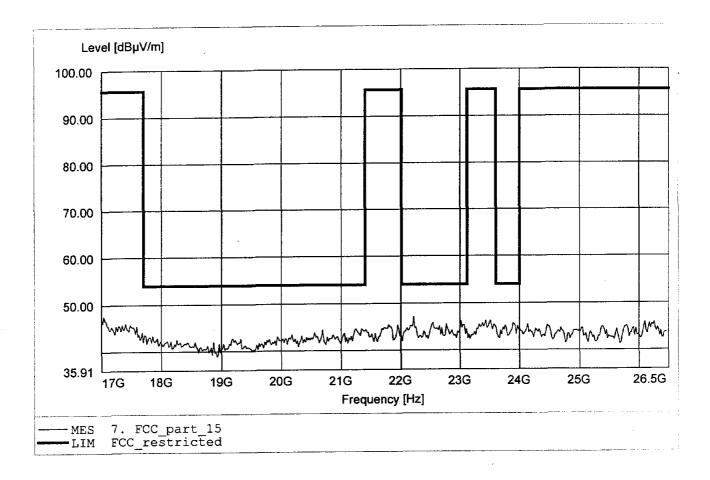
GnNetcom Approval Holder:

/ Unom: 120 V AC (AC/DC adaptor) Tnom:23°C Operating Condition:

Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Dist.: 3m, Ant.: HL025, amplif. Freq: 17.038GHz, Emax: 47.61dBpV/m, RBW: 1MHz Test Specification: Comment 1:

Comment 2:



Base / Ant.: 2 / Ch.: 47 Wireless Headset / EUT :

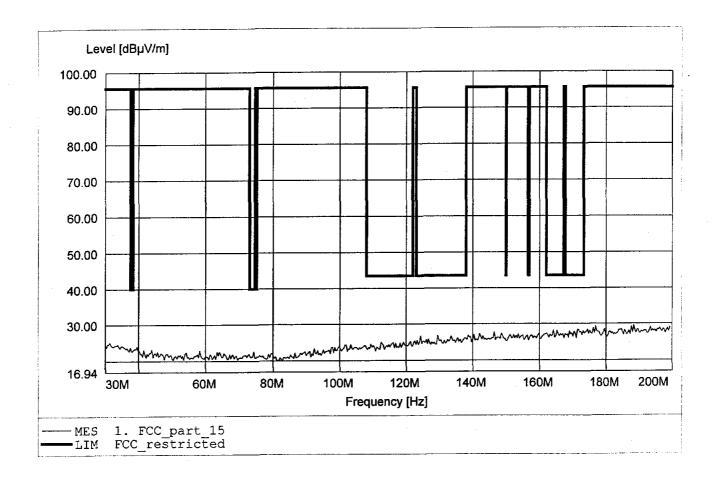
GN9120 2G4 FCC Model:

Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe Unom: 120 V AC (AC/DC adaptor)

according to \$15.247 Test Specification: Comment 1:

Dist.: 3m, Ant.: HK 116 Freq: 188.417MHz, Emax: 29.65dBµV/m, RBW: 100kHz Comment 2:



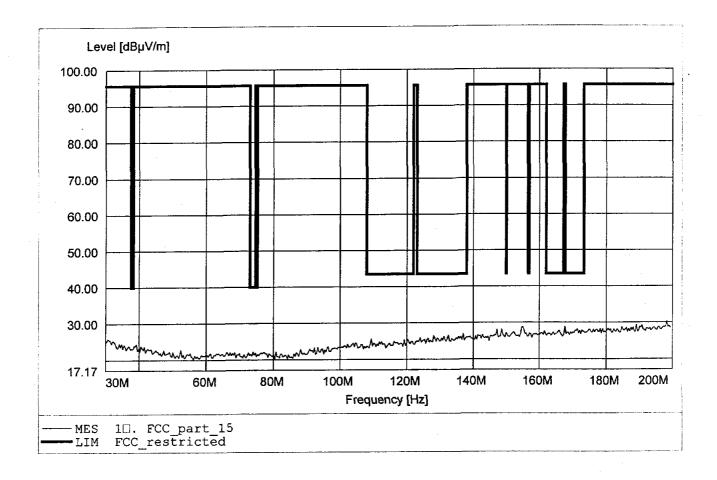
EUT: Wireless Headset / Base / Ant.: 2 / Ch.: 47

Model: GN9120 2G4 FCC

Approval Holder: GnNetcom
Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to \$15.247
Comment 1: Dist.: 3m, Ant.: HK 116

Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.297MHz, Emax: 30.23dBµV/m, RBW: 100kHz



Base / Ant.: 2 / Ch.: 47 Wireless Headset / EUT :

GN9120 2G4 FCC Model:

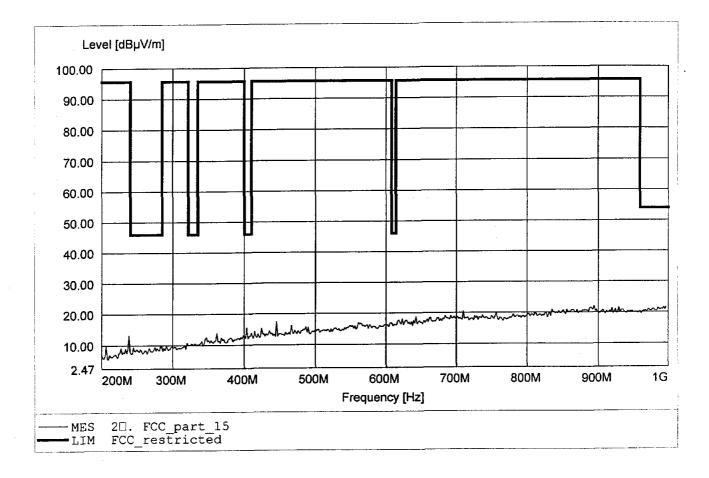
Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor) Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247 Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL 223, amplif. Freq: 894.188MHz, Emax: 22.05dBµV/m, RBW: 100kHz Comment 2:



Base / Ant.: 2 / Ch.: 47 Wireless Headset /

GN9120 2G4 FCC Model:

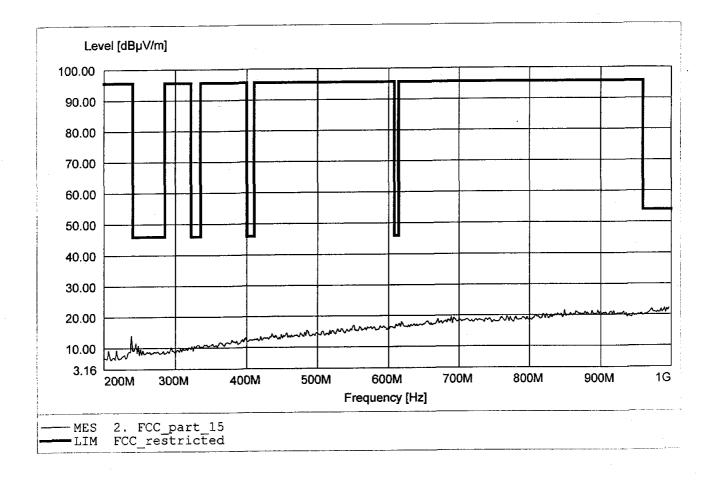
Approval Holder: GnNetcom

Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe according to \$15.247 Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL 223, amplif. Freq: 996.794MHz, Emax: 22.25dBpV/m, RBW: 100kHz Comment 2:



EUT :

Base / Ant.: 2 / Ch.: 47 Wireless Headset /

Model:

GN9120 2G4 FCC

Approval Holder:

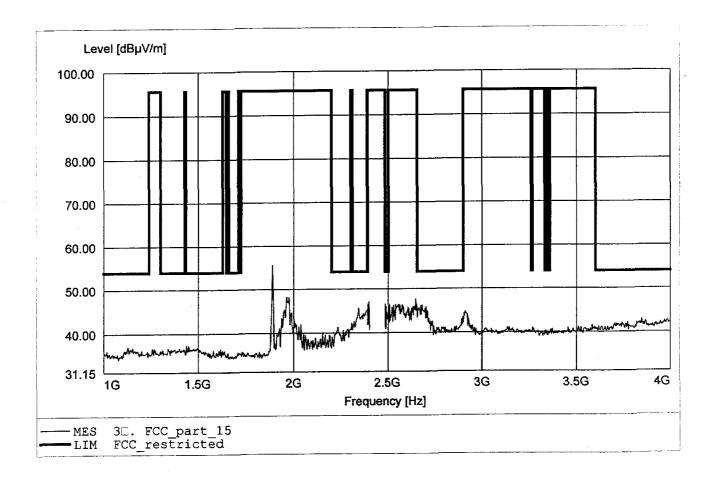
 ${\tt GnNetcom}$

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe

Test Specification: Comment 1: Comment 2:

according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA2190D, amplif.

Freq: 1.889GHz, Emax: 55.59dBµV/m, RBW: 1MHz



EUT: Wireless Headset / Base / Ant.: 2 / Ch.: 47

Model: GN9120 2G4 FCC

Approval Holder:

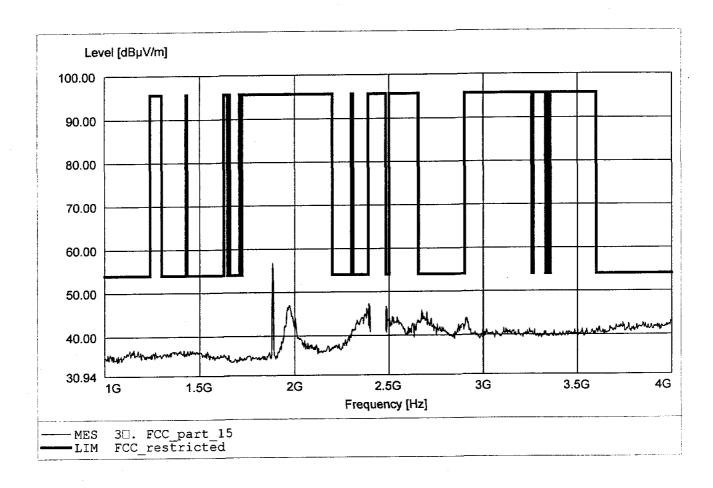
: GnNetcom tion: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to \$15.247, peak detector Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, amplif. Freq: 1.883GHz, Emax: 56.83dBµV/m, RBW: 1MHz



Ant.: 2 / Ch.: 47 Wireless Headset / Base / EUT :

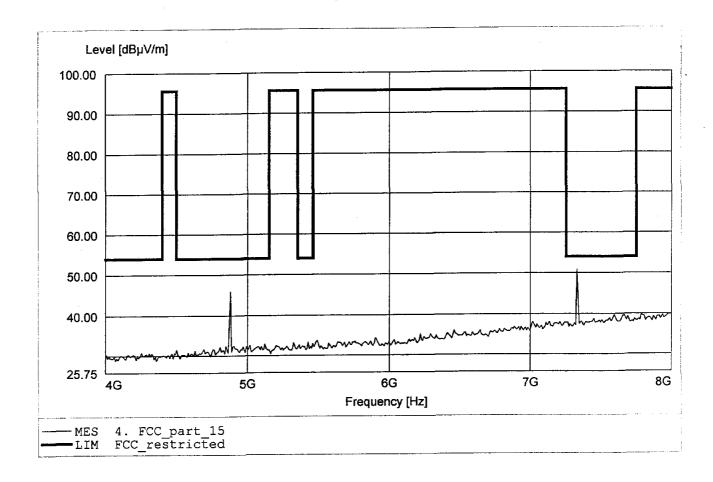
GN9120 2G4 FCC Model:

GnNetcom Approval Holder: Unom: 120 V AC (AC/DC adaptor) Tnom:23°C

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Test Specification: Comment 1:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 7.327GHz, Emax: 50.91dBµV/m, RBW: 1MHz Comment 2:



Wireless Headset / Base / Ant.: 2 / Ch.: 47 EUT :

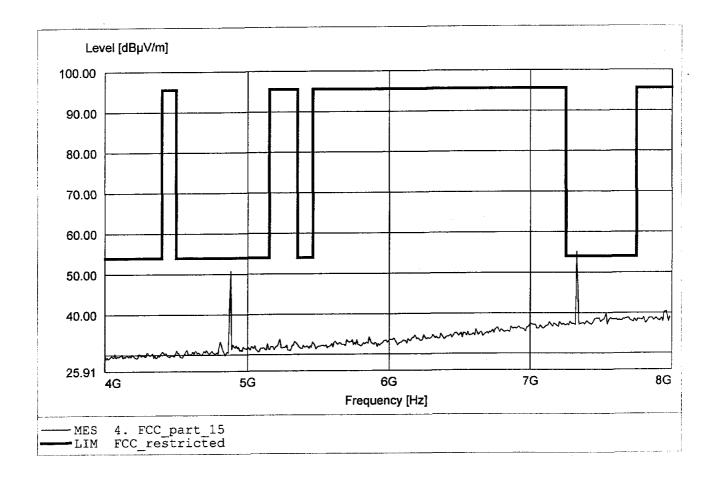
GN9120 2G4 FCC Model:

Approval Holder: GnNetcom Unom: 120 V AC (AC/DC adaptor) Tnom:23°C / Operating Condition:

Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Test Specification: Comment 1:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 7.327GHz, Emax: 55.21dBµV/m, RBW: 1MHz Comment 2:



Wireless Headset /

Base / Ant.: 2 / Ch.: 47

GN9120 2G4 FCC Model:

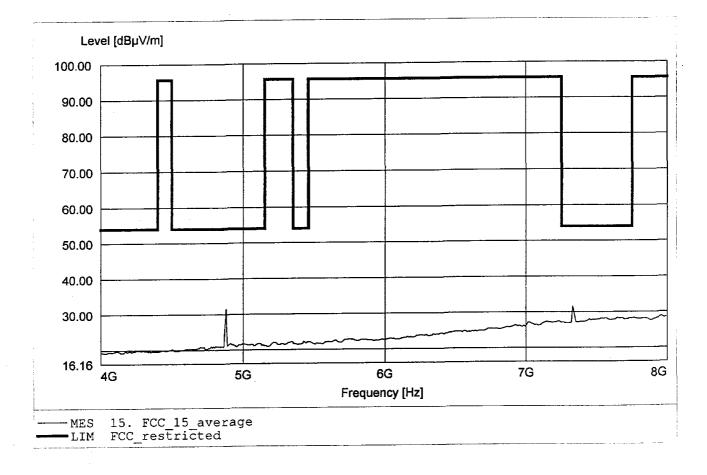
Approval Holder: GnNetcom

Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, average detector Test Specification: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Comment 1:

Freq: 7.327GHz, Emax: 31.63dBµV/m, RBW: 1MHz Comment 2:



Base / Ant.: 2 / Ch.: 47 Wireless Headset / EUT : Model:

GN9120 2G4 FCC

Approval Holder:

 ${\tt GnNetcom}$ Unom: 120 V AC (AC/DC adaptor)

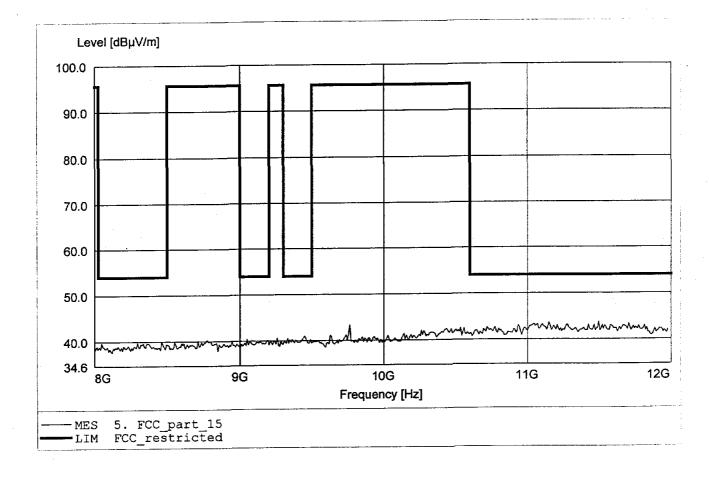
Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification:

according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.

Comment 1: Comment 2:

Freq: 11.495GHz, Emax: 43.72dBpV/m, RBW: 1MHz



Wireless Headset / Base / Ant.: 2 / Ch.: 47 EUT :

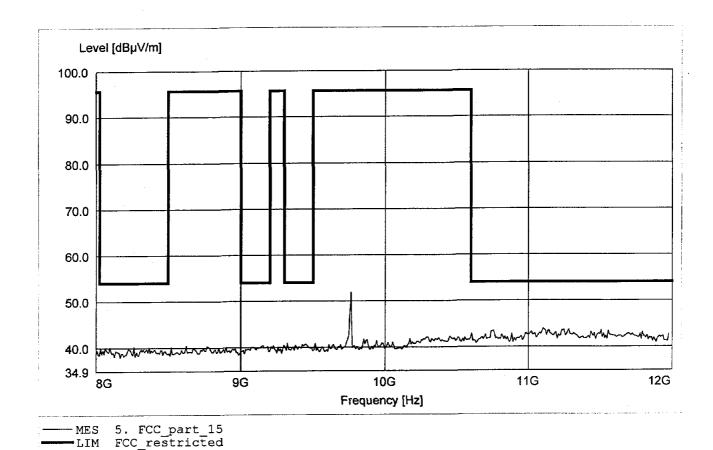
GN9120 2G4 FCC Model:

GnNetcom Approval Holder:

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor) Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Test Specification: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Comment 1:

Freq: 9.764GHz, Emax: 51.89dBuV/m, RBW: 1MHz Comment 2:



Ant.: 2 / Ch.: 47 Base / Wireless Headset / EUT :

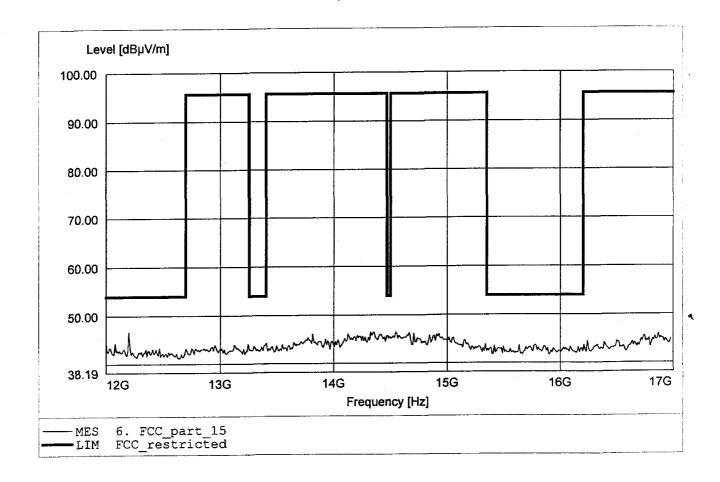
GN9120 2G4 FCC Model:

GnNetcom Approval Holder:

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe Unom: 120 V AC (AC/DC adaptor) Operating Condition:

according to \$15.247, peak detector Test Specification: Comment 1:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 12.200GHz, Emax: 46.64dBuV/m, RBW: 1MHz Comment 2:



Wireless Headset / Base / Ant.: 2 / Ch.: 47 EUT :

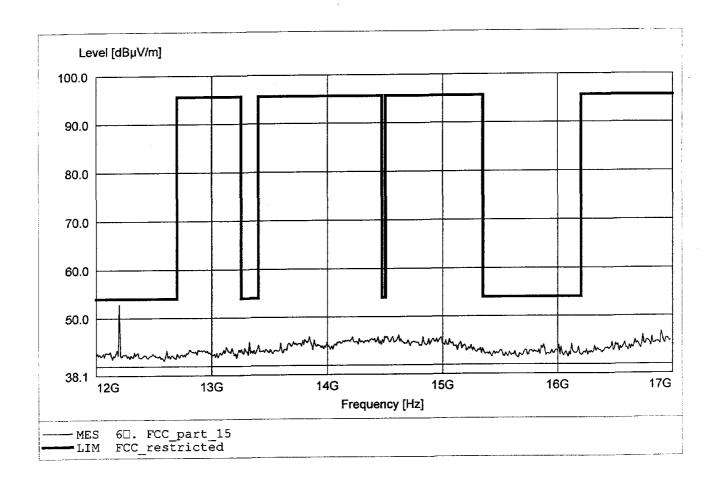
GN9120 2G4 FCC Model:

GnNetcom Approval Holder:

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe Unom: 120 V AC (AC/DC adaptor)

according to \$15.247, peak detector Test Specification: Comment 1:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 12.200GHz, Emax: 52.84dBµV/m, RBW: 1MHz Comment 2:



Base / Ant.: 2 / Ch.: 47 Wireless Headset /

GN9120 2G4 FCC Model:

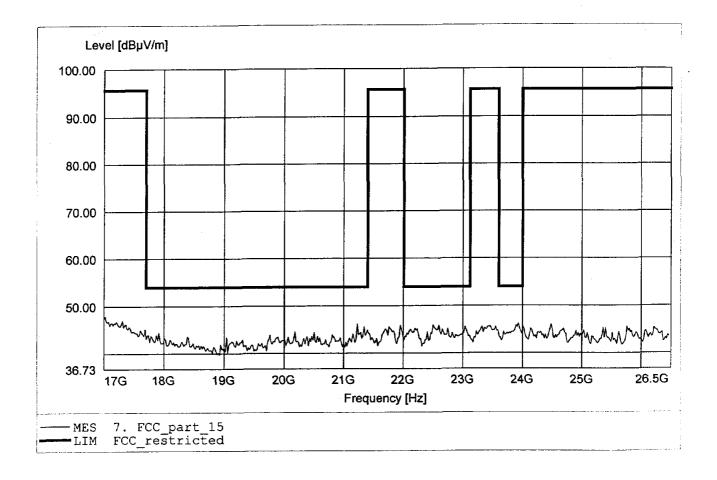
Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor) Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL025, amplif. Freq: 17.019GHz, Emax: 47.92dBuV/m, RBW: 1MHz Comment 2:



Wireless Headset / Base / Ant.: 2 / Ch.: 47 EUT :

GN9120 2G4 FCC

Approval Holder:

GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe

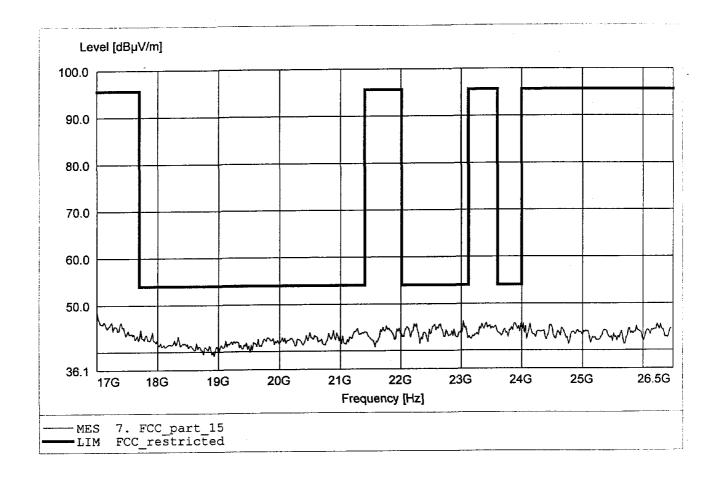
according to \$15.247, peak detector Test Specification:

Comment 1:

Model:

Dist.: 3m, Ant.: HL025, amplif.

Freq: 17.000GHz, Emax: 49.10dBuV/m, RBW: 1MHz Comment 2:



Wireless Headset / Base / Ant.: 2 / Ch.: 94 EUT :

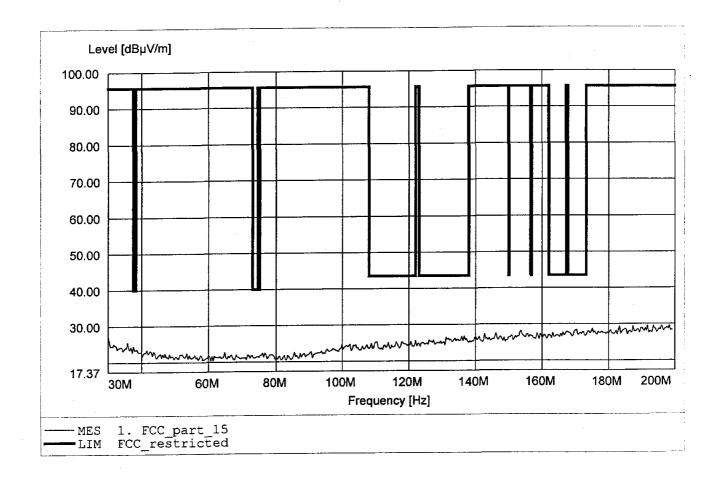
GN9120 2G4 FCC Model:

Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe / Unom: 120 V AC (AC/DC adaptor)

according to \$15.247 Test Specification: Comment 1:

Dist.: 3m, Ant.: HK 116 Freq: 198.297MHz, Emax: 29.59dBpV/m, RBW: 100kHz Comment 2:



Base / Ant.: 2 / Ch.: 94 Wireless Headset / EUT :

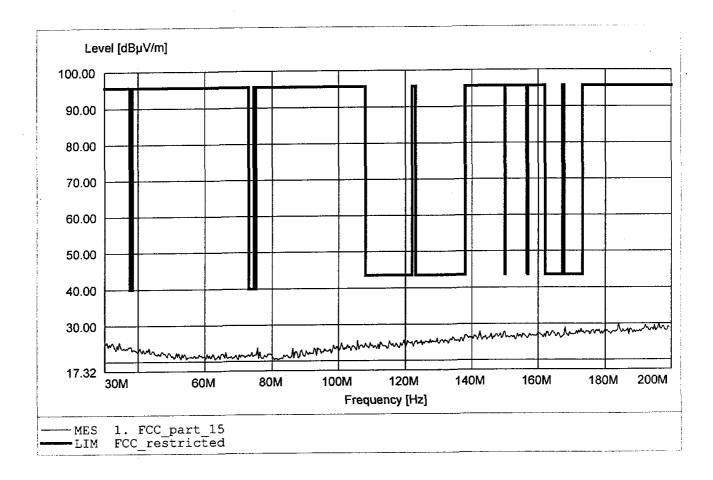
GN9120 2G4 FCC Model:

Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor) Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247 Test Specification: Comment 1:

Dist.: 3m, Ant.: HK 116 Freq: 196.253MHz, Emax: 30.10dBpV/m, RBW: 100kHz Comment 2:



Wireless Headset / Base / Ant.: 2 / Ch.: 94

GN9120 2G4 FCC Model:

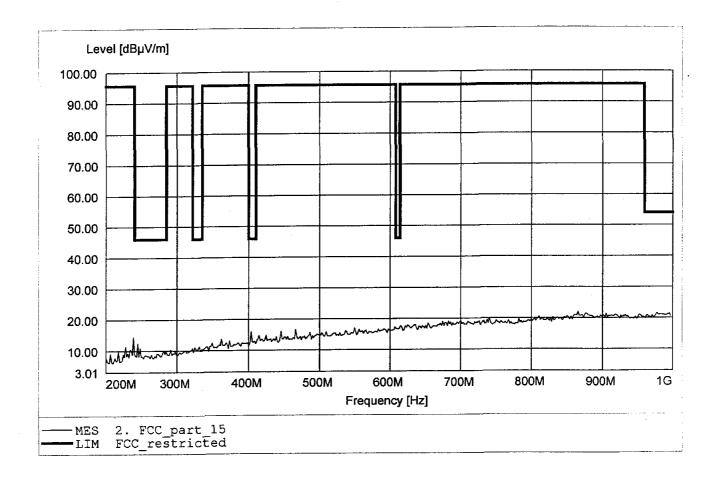
Approval Holder:

GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor) Test Site / Operator: ETS / Mr. Hoppe according to \$15.247 Test Specification:

Comment 1: Comment 2:

Dist.: 3m, Ant.: HL 223, amplif. Freq: 865.331MHz, Emax: 22.03dBµV/m, RBW: 100kHz



Base / Ant.: 2 / Ch.: 94 Wireless Headset /

GN9120 2G4 FCC Model:

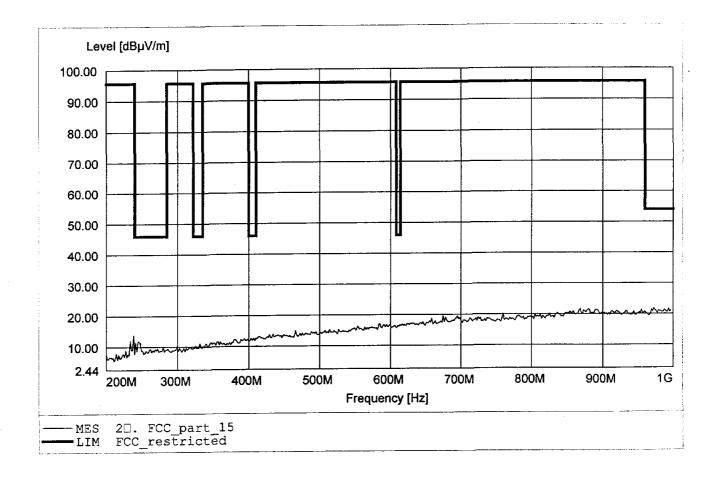
GnNetcom Approval Holder:

Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe according to \$15.247 Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL 223, amplif. Freq: 972.745MHz, Emax: 21.81dBµV/m, RBW: 100kHz Comment 2:



Wireless Headset / Base / Ant.: 2 / Ch.: 94 GN9120 2G4 FCC EUT : Model:

Approval Holder:

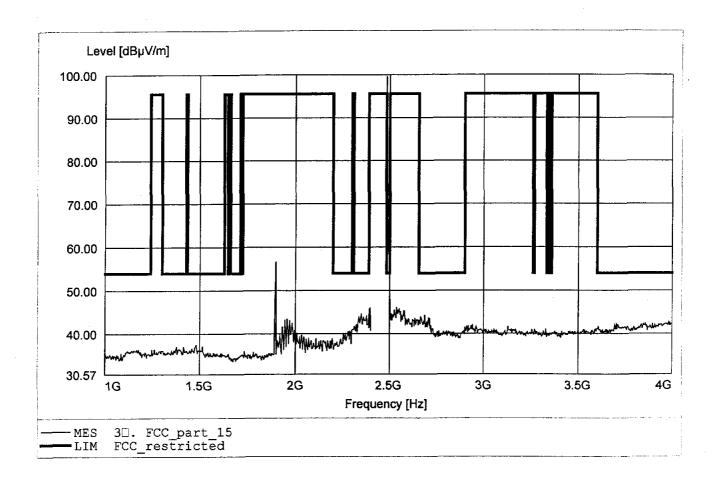
 ${\tt GnNetcom}$ Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe

Test Specification:

according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA2190D, amplif.

Comment 1: Comment 2:

Freq: 2.484GHz, Emax: 99.64dBpV/m, RBW: 1MHz



Base / Ant.: 2 / Ch.: 94 Wireless Headset / EUT :

GN9120 2G4 FCC Model:

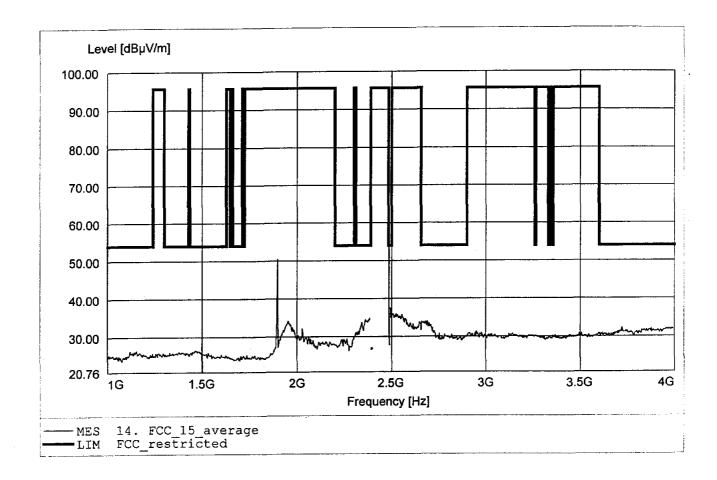
GnNetcom Approval Holder:

Tnom:23°C Unom: 120 V AC (AC/DC adaptor) Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to \$15.247, average detector Comment 1:

Comment 2:

Dist.: 3m, Ant.: BBHA2190D, amplif. Freq: 2.484GHz, Emax: 73.76dBµV/m, RBW: 1MHz



EUT: Wireless Headset / Base / Ant.: 2 / Ch.: 94

Model: GN9120 2G4 FCC

Approval Holder: GnNetcom

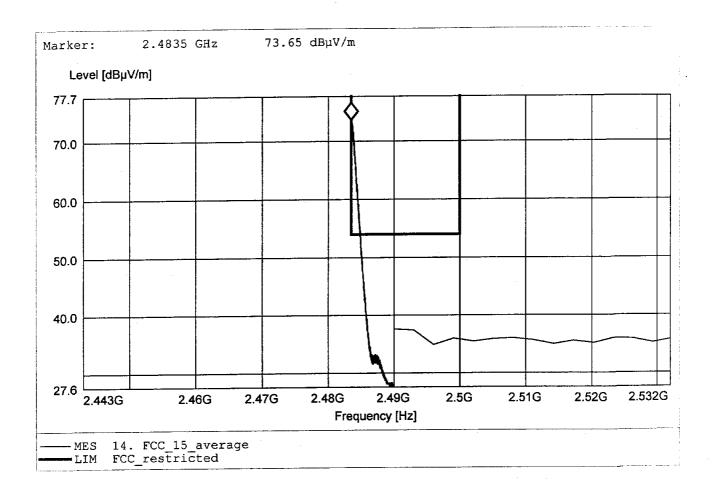
Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to \$15.247, average detector Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.

Comment 2:

Freq: 2.484GHz, Emax: 73.76dBpV/m, RBW: 1MHz



DA 00-705 / Marker-Delta-Method:

The value measured with average detector may be reduced by the "delta" value according to Marker-Delta Method.

Please see next page for Marker-Delta Method plot.

Calculation:

 $73.76 \text{ dB}\mu\text{V/m} - 47.29 \text{ dB} = 26.47 \text{ dB}\mu\text{V/m}.$ => test passed

RF Att 40 dB 30 kHz Delta 1 [T1] RBW 30 kHz VBW -47.29 dB dΒμV Unit 1.24397866 MHz SWT 10.5 ms 120 dBµV 102 03 dBµV **▼**1 [T1] 2.48225375 GHz -41.29 dB ▲1 [T1] 110 1.24397866 MHz 100 IN1 1MA 1VIEW 50 hallow the land 40 F1 Span 3.694912806 MHz

369.4912806 kHz/

Title:

Marker-Delta Method

Center 2.482250046 GHz

Comment A: GnNetcom Wireless Haedset 2G4 FCC Base

28.NOV.2002 08:39:11

Ant.: 2 / Ch.: 94 Wireless Headset / Base / EUT :

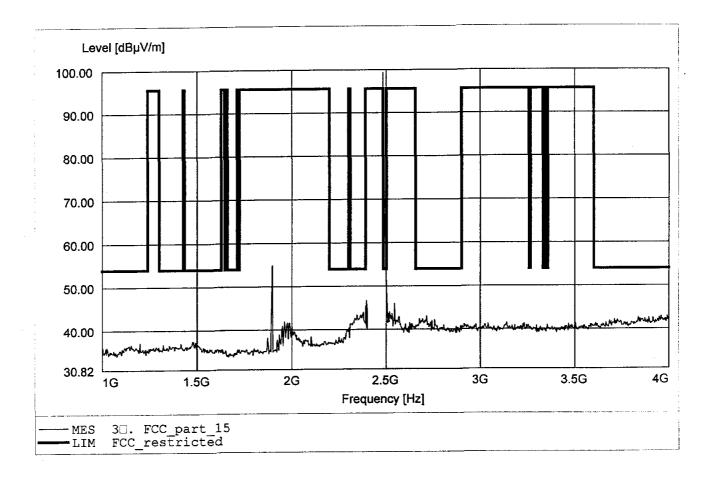
GN9120 2G4 FCC Model:

GnNetcom Approval Holder: Unom: 120 V AC (AC/DC adaptor) Tnom:23°C Operating Condition:

Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Test Specification: Comment 1:

Dist.: 3m, Ant.: BBHA2190D, amplif. Freq: 2.484GHz, Emax: 99.43dBµV/m, RBW: 1MHz Comment 2:



Base / Ant.: 2 / Ch.: 94 Wireless Headset / EUT :

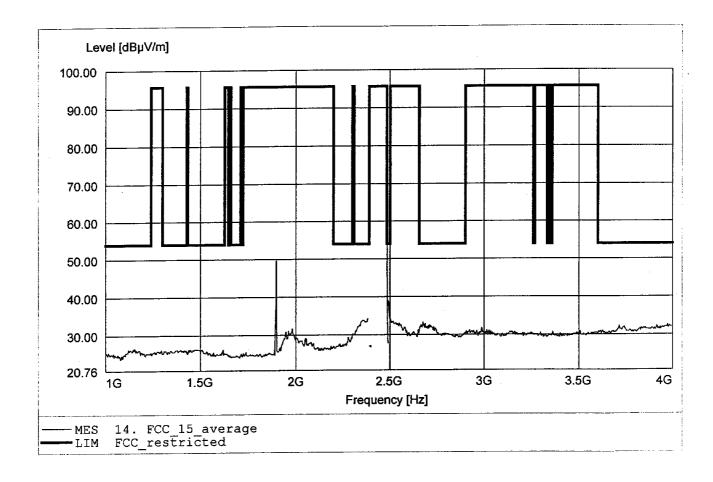
GN9120 2G4 FCC Model:

GnNetcom Approval Holder:

/ Unom: 120 V AC (AC/DC adaptor) Tnom:23°C Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, average detector Test Specification: Comment 1:

Dist.: 3m, Ant.: BBHA2190D, amplif. Freq: 2.484GHz, Emax: 73.80dBμV/m, RBW: 1MHz Comment 2:



EUT: Wireless Headset / Base / Ant.: 2 / Ch.: 94

Model: GN9120 2G4 FCC

Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

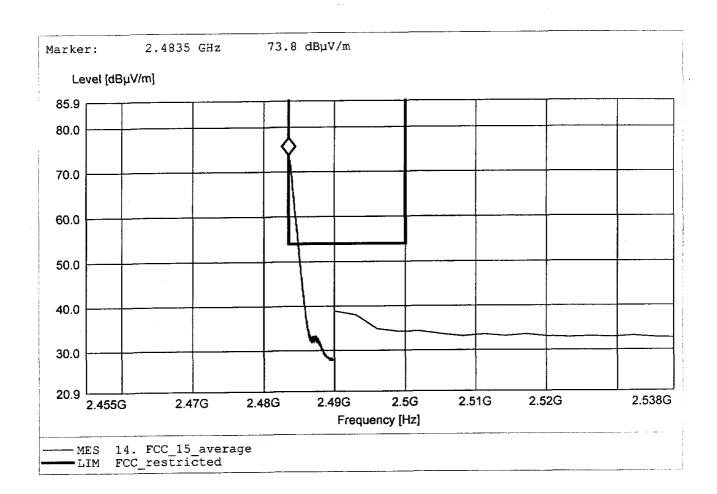
Test Specification: according to \$15.247, average detector.

Comment 1:

Dist.: 3m, Ant.: BBHA2190D, amplif.

Comment 2:

Freq: 2.484GHz, Emax: 73.80dBµV/m, RBW: 1MHz



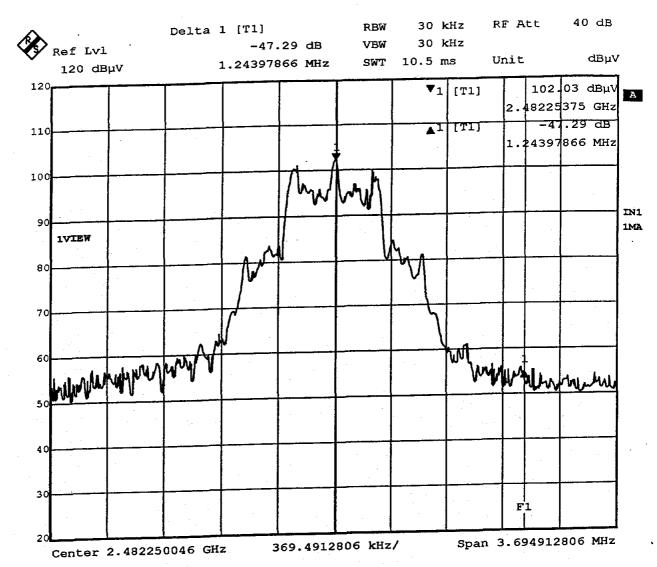
DA 00-705 / Marker-Delta-Method:

The value measured with average detector may be reduced by the "delta" value according to Marker-Delta Method.

Please see next page for Marker-Delta Method plot.

Calculation:

 $73.80 \text{ dB}\mu\text{V/m} - 47.29 \text{ dB} = 26.51 \text{ dB}\mu\text{V/m}.$ => test passed



Title: Marker-Delta Method

Comment A: GnNetcom Wireless Haedset 2G4 FCC Base

Date:

28.NOV.2002 08:39:11

Base / Ant.: 2 / Ch.: 94 Wireless Headset /

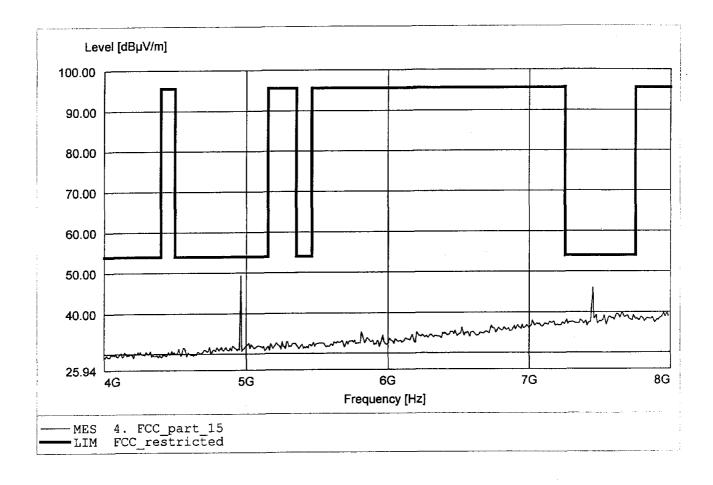
GN9120 2G4 FCC Model:

Approval Holder: ${\tt GnNetcom}$

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Test Specification:

Comment 1: Comment 2: Freq: 4.962GHz, Emax: 49.30dBuV/m, RBW: 1MHz



Wireless Headset / Base / Ant.: 2 / Ch.: 94 EUT :

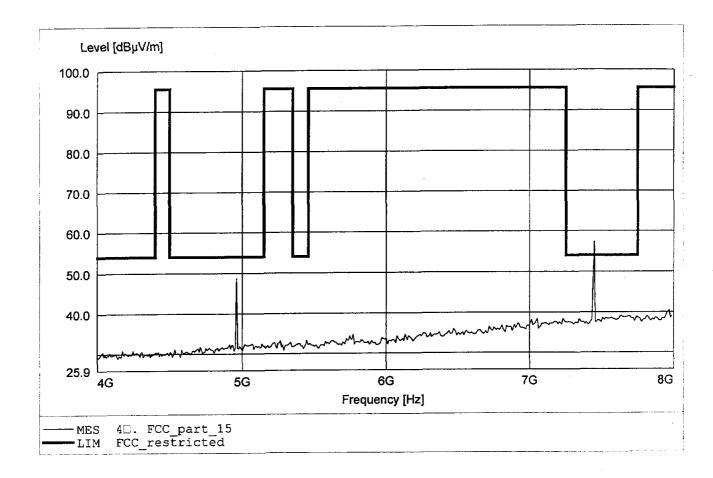
GN9120 2G4 FCC Model:

Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Test Specification: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 7.447GHz, Emax: 57.35dBμV/m, RBW: 1MHz

Comment 1: Comment 2:



Wireless Headset / Base / Ant.: 2 / Ch.: 94 EUT :

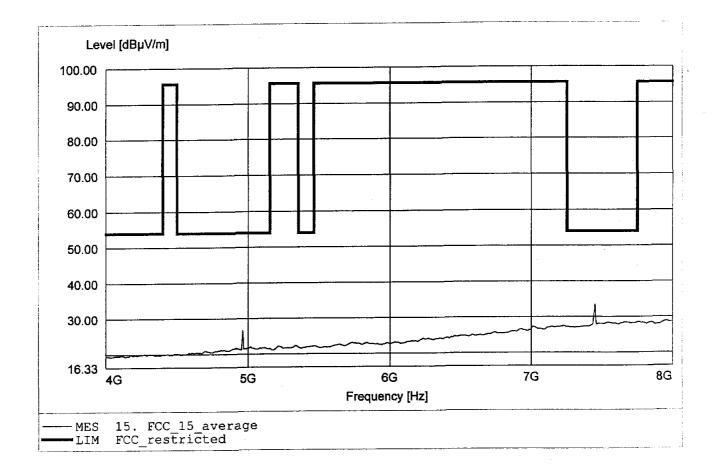
GN9120 2G4 FCC Model:

GnNetcom Approval Holder: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, average detector Test Specification: Comment 1:

Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Freq: 7.447GHz, Emax: 33.48dBµV/m, RBW: 1MHz Comment 2:



EUT :

Ant.: 2 / Ch.: 94 Wireless Headset / Base /

GN9120 2G4 FCC Model:

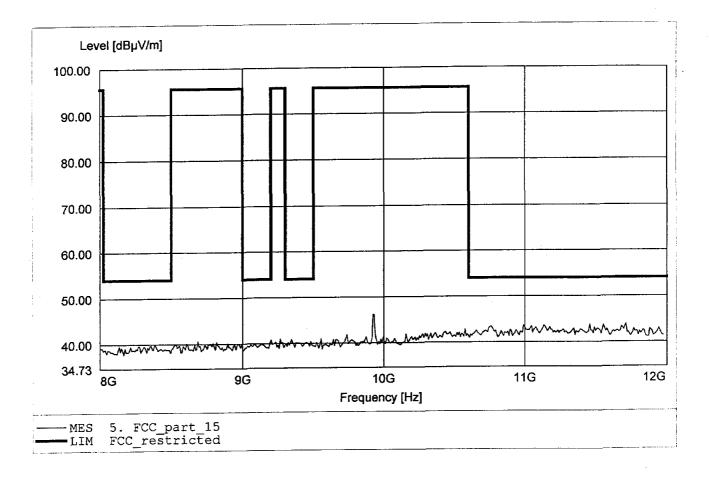
Approval Holder:

GnNetcom Unom: 120 V AC (AC/DC adaptor)

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Test Specification: Comment 1:

Freq: 9.924GHz, Emax: 46.26dBuV/m, RBW: 1MHz Comment 2:



Ant.: 2 / Ch.: 94 Base / Wireless Headset / EUT :

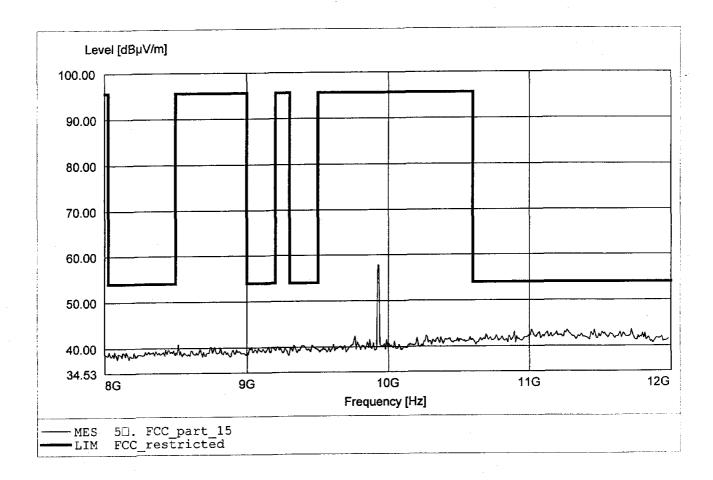
GN9120 2G4 FCC Model:

Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unor Test Site / Operator: ETS / Mr. Hoppe Unom: 120 V AC (AC/DC adaptor)

according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA2190D, ampl.+HP. Test Specification: Comment 1:

Freq: 9.924GHz, Emax: 57.82dBµV/m, RBW: 1MHz Comment 2:



EUT: Wireless Headset / Base / Ant.: 2 / Ch.: 94

Model: GN9120 2G4 FCC

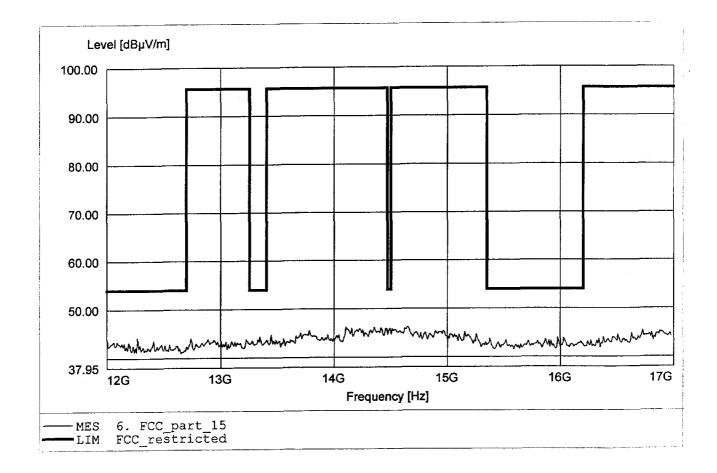
Approval Holder: GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to \$15.247, peak detector Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.

Comment 2: Freq: 14.104GHz, Emax: 46.29dBµV/m, RBW: 1MHz



Wireless Headset / Base / Ant.: 2 / Ch.: 94 EUT : Model:

GN9120 2G4 FCC

Approval Holder:

GnNetcom

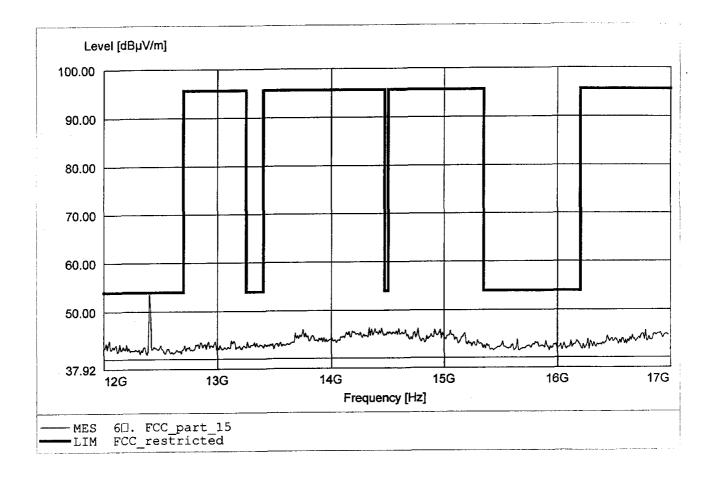
Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor) Test Site / Operator: ETS / Mr. Hoppe

Test Specification:

according to \$15.247, peak detector Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.

Comment 1: Comment 2:

Freq: 12.401GHz, Emax: 53.55dBuV/m, RBW: 1MHz



Base / Ant.: 2 / Ch.: 94 Wireless Headset / EUT :

GN9120 2G4 FCC Model:

GnNetcom Approval Holder:

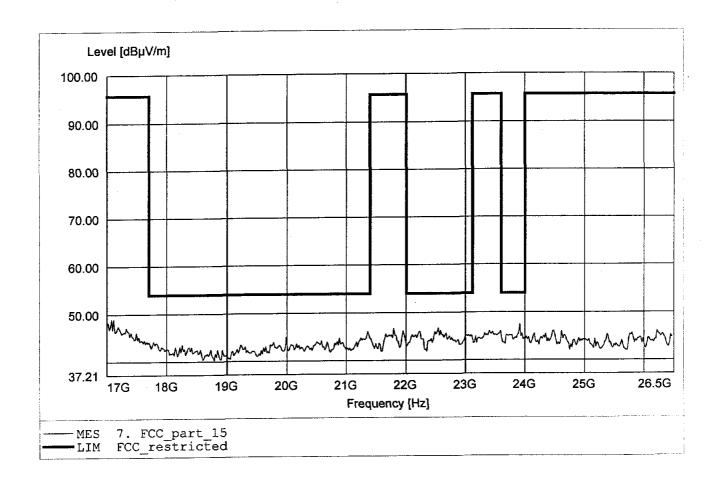
Tnom:23°C / Unom: 120 V AC (AC/DC adaptor) Operating Condition:

Test Site / Operator: ETS / Mr. Hoppe

according to \$15.247, peak detector Test Specification:

Comment 1:

Dist.: 3m, Ant.: HL025, amplif. Freq: 17.076GHz, Emax: 48.96dBµV/m, RBW: 1MHz Comment 2:



Ant.: 2 / Ch.: 94 Wireless Headset / Base

Model:

GN9120 2G4 FCC

Approval Holder:

GnNetcom

Operating Condition: Tnom:23°C / Unom: 120 V AC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe

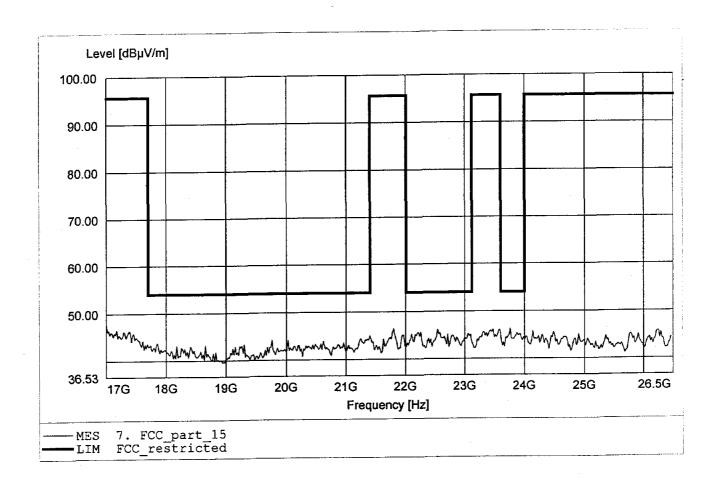
Test Specification:

according to \$15.247, peak detector

Comment 1:

Comment 2:

Dist.: 3m, Ant.: HL025, amplif. Freq: 17.000GHz, Emax: 47.80dBpV/m, RBW: 1MHz





Appendix D

Spurious Emissions conducted - Transmitter operating



Appendix E

Carrier Frequency Separation

100 kHz RF Att RBW 40 dB Delta 1 [T1] Ref Lvl 100 kHz 0.02 dB VBW Unit dBm 862.12424850 kHz SWT 5 ms 30 dBm 2.5 dB Offset A 25 1 20 15 1MA 1VIEW 10 EXT -10 -15 Span 1.8 MHz 180 kHz/ Center 2.442077453 GHz

Title:

Carrier Frequency Separation

Comment A: GnNetcom Wireless Headset 2G4 FCC Base

Date: 26.NOV.2002 12:30:21



Appendix F

Number of Hopping Frequencies

50 kHz RF Att 50 dB Marker 1 [T1] RBW Ref Lvl 20.05 dBm $\mathbf{V}\mathbf{B}\mathbf{W}$ 50 kHz dBm2.41489880 GHz SWT 25 ms Unit 30 dBm 2.5 dB Offse Ą 20 10 1MA 1VIEW -10 EXT -20 -30 -40 Span 25 MHz 2.5 MHz/ Center 2.403 GHz

Title: Number of Hopping Frequencies Ch.: 0-16
Comment A: GnNetcom Wireless Headset 2G4 FCC Base

Date: 26.NOV.2002 12:43:32

50 kHz RF Att 50 dB RBW Marker 1 [T1] Ref Lvl 50 kHz 20.23 dBm VBW dBmUnit 2.43994890 GHz SWT 25 ms 30 dBm 2.5 dB Offse 20 1MA EXT -20 -30 -40 ~50 -60 Span 25 MHz Center 2.427874749 GHz 2.5 MHz/

Title: Number of Hopping Frequencies Channel 17-45 Comment A: GnNetcom Wireless Headset 2G4 FCC Base Date: 26.NOV.2002 12:53:59

RF Att 50 dB RBW 50 kHz Marker 1 [T1] Ref Lvl 50 kHz 20.20 dBm VBW dBm 2.46502405 GHz SWT 25 ms Unit 30 dBm 2.5 dB Offset A 20 1MA EXT -20 -30 -50 -60 Span 25 MHz Center 2.452874749 GHz 2.5 MHz/

Title: Number of Hopping Frequencies Ch.: 46-74

Comment A: GnNetcom Wireless Headset 2G4 FCC Base

Date: 26.NOV.2002 13:14:47

50 kHz RF Att 50 dB Marker 1 [T1] RBW 50 kHz Ref Lvl 20.21 dBm VBW dBm 2.46580060 GHz SWT 25 ms Unit 30 dBm 2.5 dB Offse A 1MA EXT -20 -30 -40 -50 -60 Span 25 MHz 2.5 MHz/ Center 2.477674349 GHz

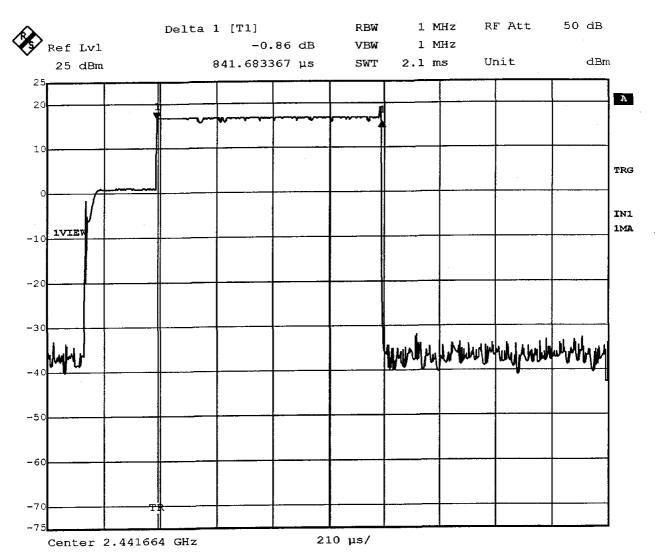
Number of Hopping Frequencies Ch.: 75-94 Comment A: GnNetcom Wireless Headset 2G4 FCC Base

26.NOV.2002 13:20:41 Date:



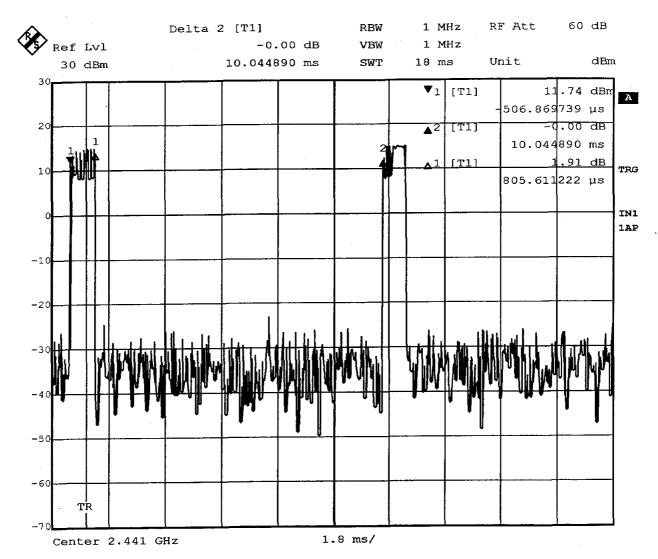
Appendix G

Time of Occupancy (Dwell Time)



Title: Time of occupancy (Hopping) 40 events * $841.68\mu s = 33.67 ms$ Comment A: GnNetcom Wireless Haedset 2G4 FCC Base

Date: 28.NOV.2002 13:08:09



Base

Title:

Duty Cycle

Comment A: GnNetcom Wireless Hadset 2G4 FCC

Date: 27.NOV.2002 09:52:47



Appendix H

20dB Bandwidth

RF Att 50 dB 10 kHz Delta 1 [T1] RBW Ref Lvl -0.47 dB VBW 10 kHz dBm 56 ms Unit 837.67535070 kHz SWT 30 dBm 2.5 dB Offse A -D1 15.89 dBm mylyny 1MA -4.11 dBm 1VIED2 EXT -20 -50 -60 Span 2.2 MHz 220 kHz/ Center 2.40099479 GHz

Title:

-20dB Bandwidth Ch.: 0

Comment A: GnNetcom Wireless Headset 2G4 FCC Base

Date: 26.NOV.2002 10:57:43

RF Att 50 dB RBW 10 kHz Delta 1 [T1] 10 kHz Ref Lvl 0.31 dB VBW dBm 846.49298597 kHz SWT 56 ms Unit 30 dBm 2.5 dB Offse A 20 -D1 15.9 dBm-10 1MA 1VIED2 -4.1 dB -10 EXT -20 Span 2.2 MHz Center 2.441664 GHz 220 kHz/

Title: -20dB Bandwidth Ch.: 47

Comment A: GnNetcom Wireless Headset 2G4 FCC Base

Date: 26.NOV.2002 11:24:22

10 kHz RF Att 50 dB RBW Delta 1 [T1] 10 kHz Ref Lvl -0.22 dB VBW 56 ms Unit dBm SWT 837.67535070 kHz 30 dBm 2.5 dB Offse A 20 _D1 15.91 dBm-10 1MA 1**1111**02 -4.09 dBm -10 EXT -20 -50 -60 Span 2.2 MHz Center 2.482272 GHz 220 kHz/

Title: -20dB Bandwidth Ch.: 94

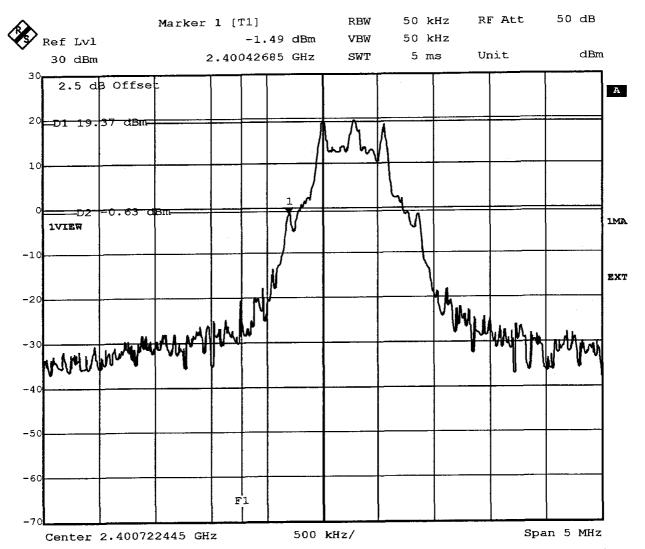
Comment A: GnNetcom Wireless Headset 2G4 FCC Base

Date: 26.NOV.2002 11:16:53



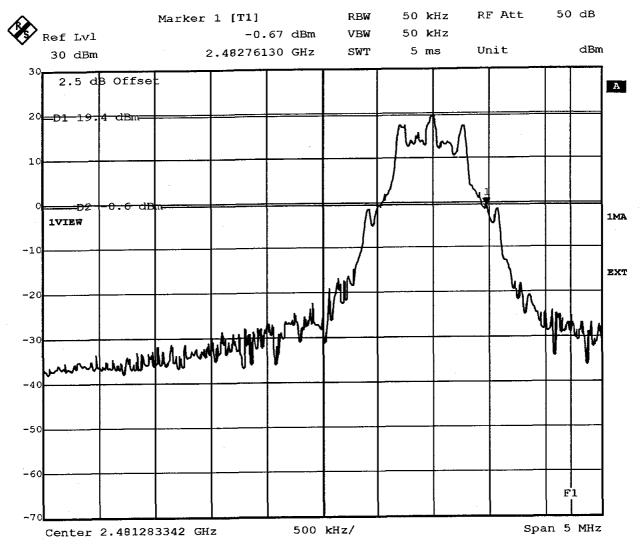
Appendix I

Band-edge Compliance of RF Emissions

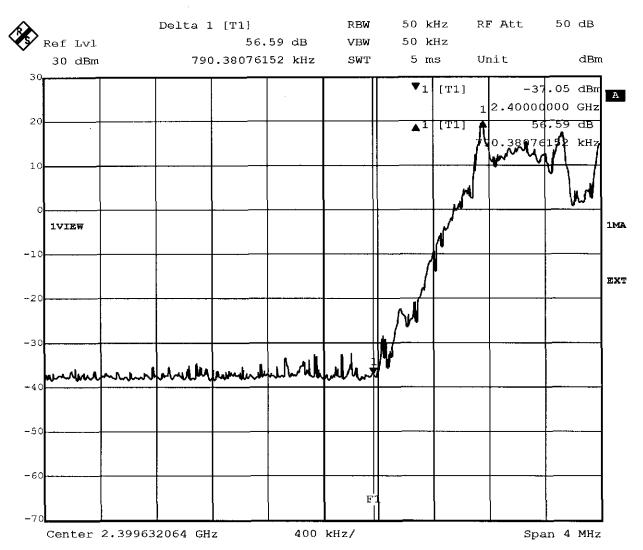


Title: Band-edge Compliance of RF Conducted Emissions Comment A: GnNetcom Wireless Headset 2G4 FCC Base

Date: 26.NOV.2002 11:00:23



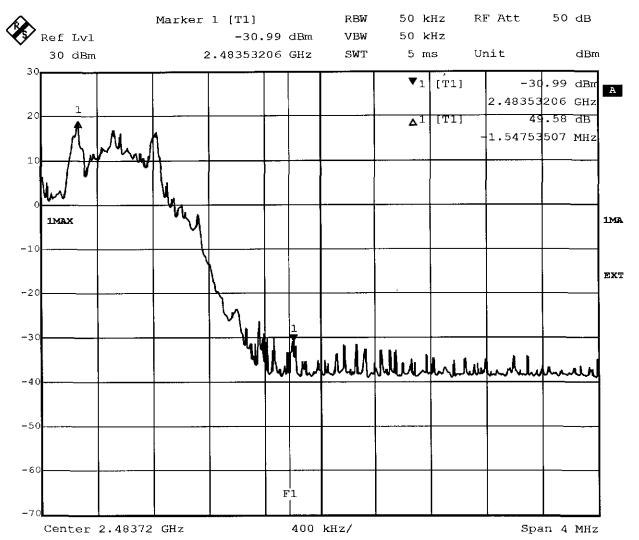
Title: Band-edge Compliance of RF Conducted Emissions Comment A: GnNetcom Wireless Headset 2G4 FCC Base Date: 26.NOV.2002 11:13:48



Fitle: Band-edge Compliance (conducted, hopping mode)

Comment A: GnNetcom Wireless Headset 2G4 Base

Date: 21.JAN.2003 13:35:50



Title: Band-edge Compliance (conducted, hopping mode)
Comment A: GnNetcom Wireless Headset 2G4 Base

Date: 21.JAN.2003 14:06:08



Appendix J

Conducted Measurement at (AC) Power Line

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

EUT:

2.4GHz Headset and Base station

Manufacturer:

GN Netcom A/S

Operating Condition: Unom: 120VAC(AC/DC-adaptor), Tnom: 23°C

Test Site:

ETS

Operator:

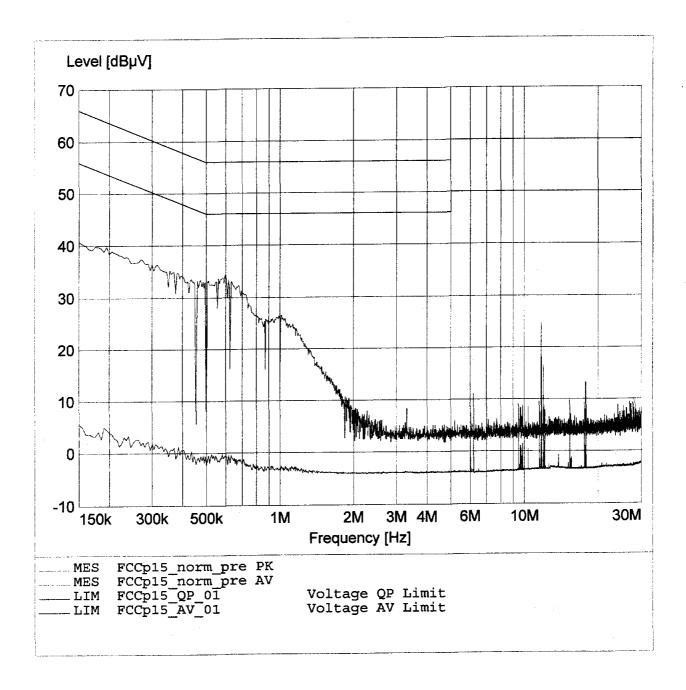
Mr. Pflug

Test Specification: V-Network: ESH2-Z5 (L1)

Comment:

model: GN 9120 2G4

mode:charging



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

EUT:

2.4GHz Headset and Base station

Manufacturer:

GN Netcom A/S

Operating Condition: Unom: 120VAC(AC/DC-adaptor), Tnom: 23°C

Test Site:

ETS

Operator:

Mr. Pflug

Test Specification: V-Network: ESH2-Z5 (L1)

Comment:

model: GN 9120 2G4

mode:link

