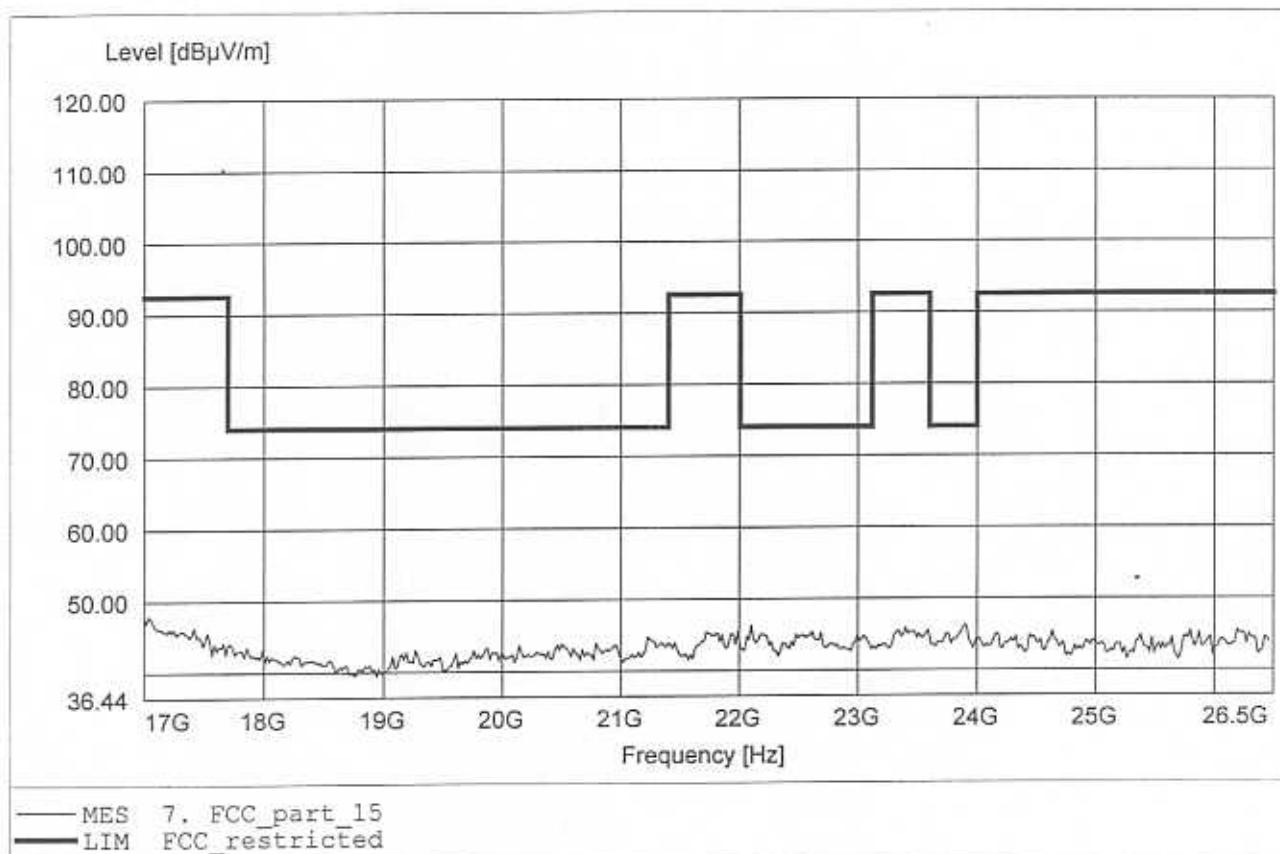


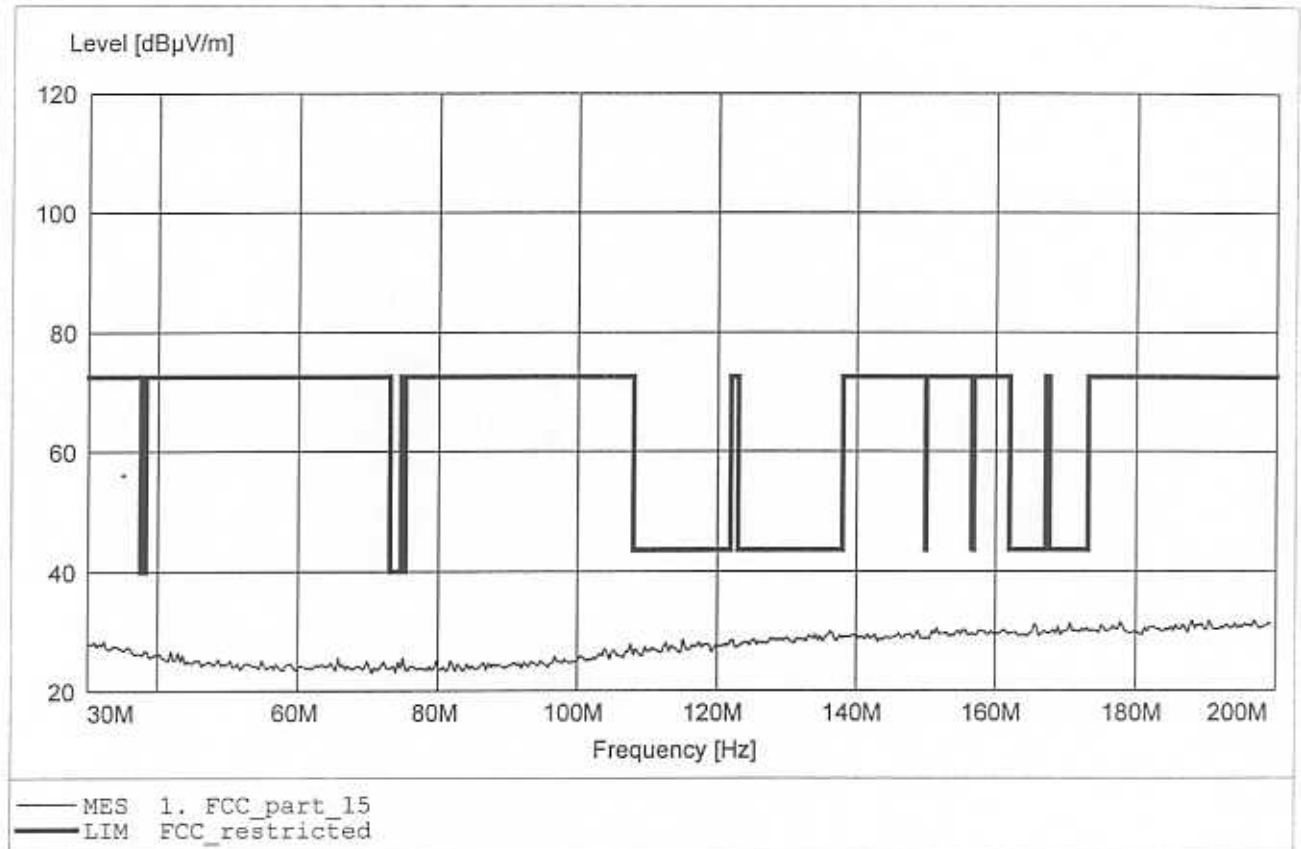
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2441 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.038GHz, Emax: 47.95dBµV/m, RBW: 1MHz



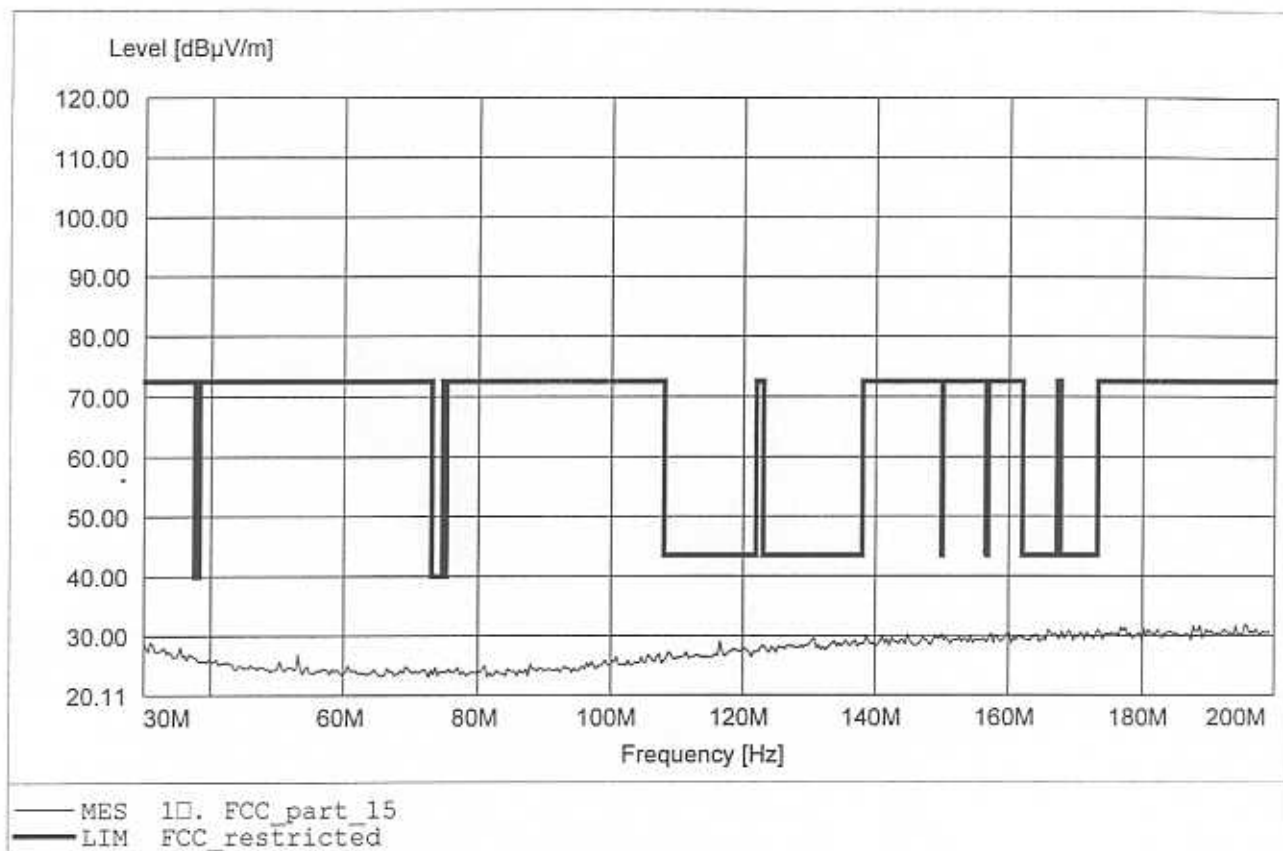
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 190.461MHz, Emax: 31.81dBµV/m, RBW: 100kHz



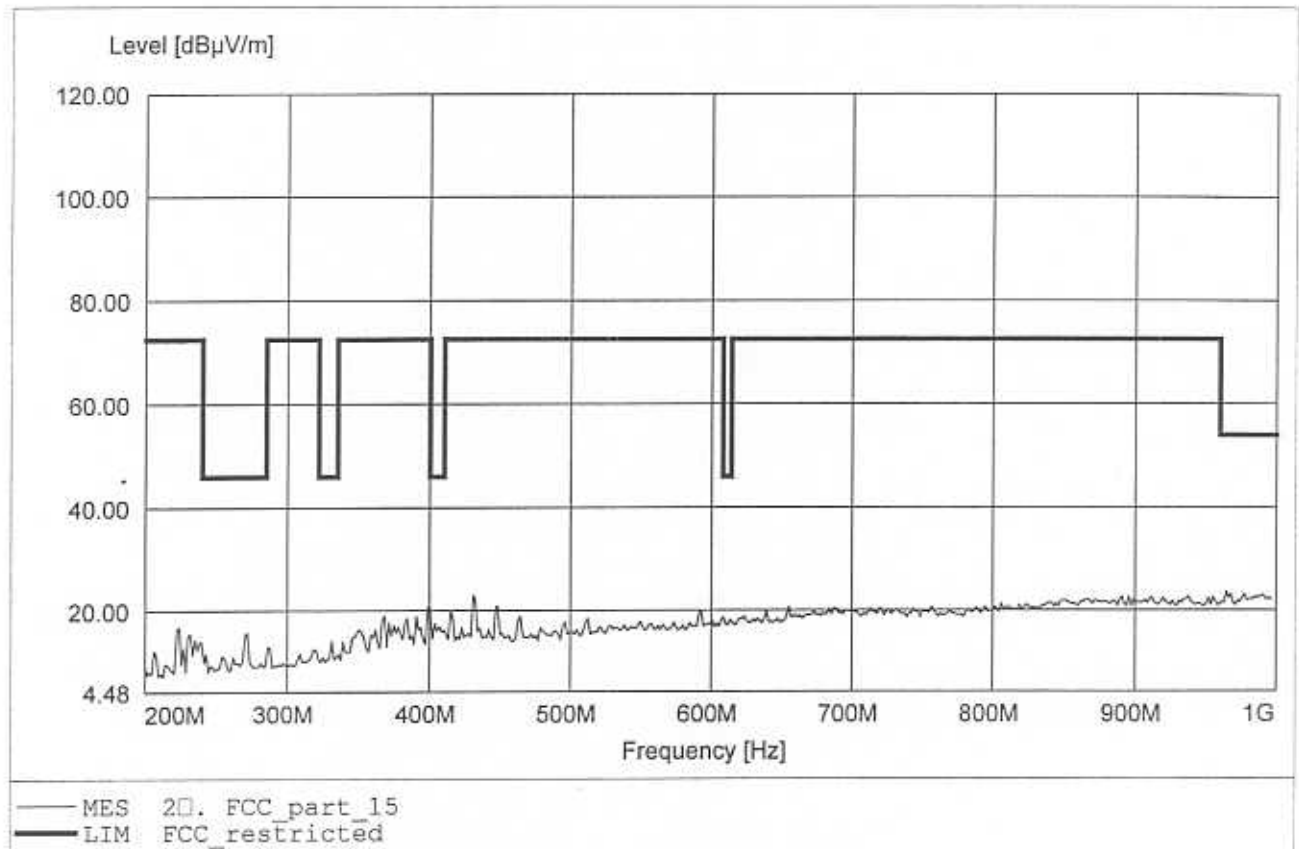
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.571MHz, Emax: 31.84dBµV/m, RBW: 100kHz



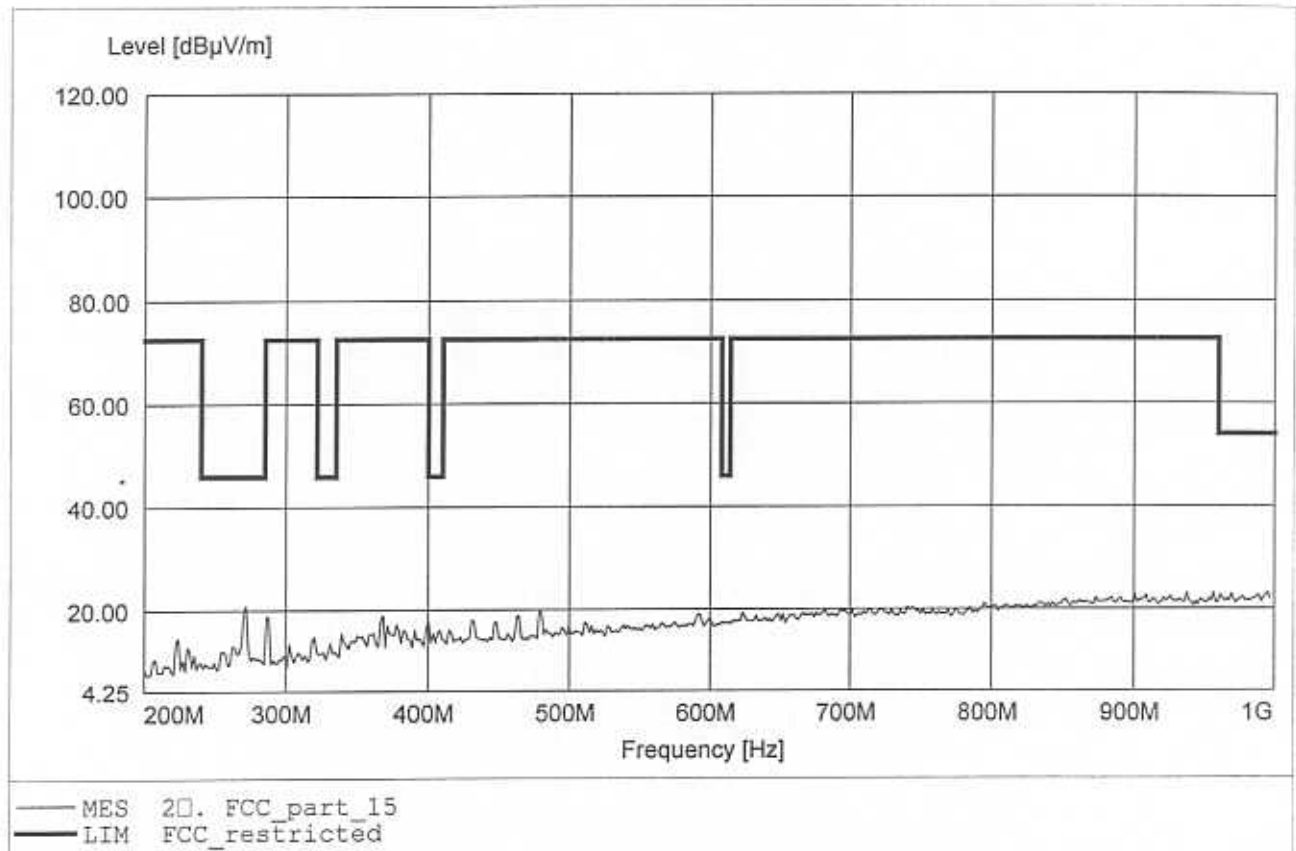
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 964.729MHz, Emax: 23.61dBµV/m, RBW: 100kHz



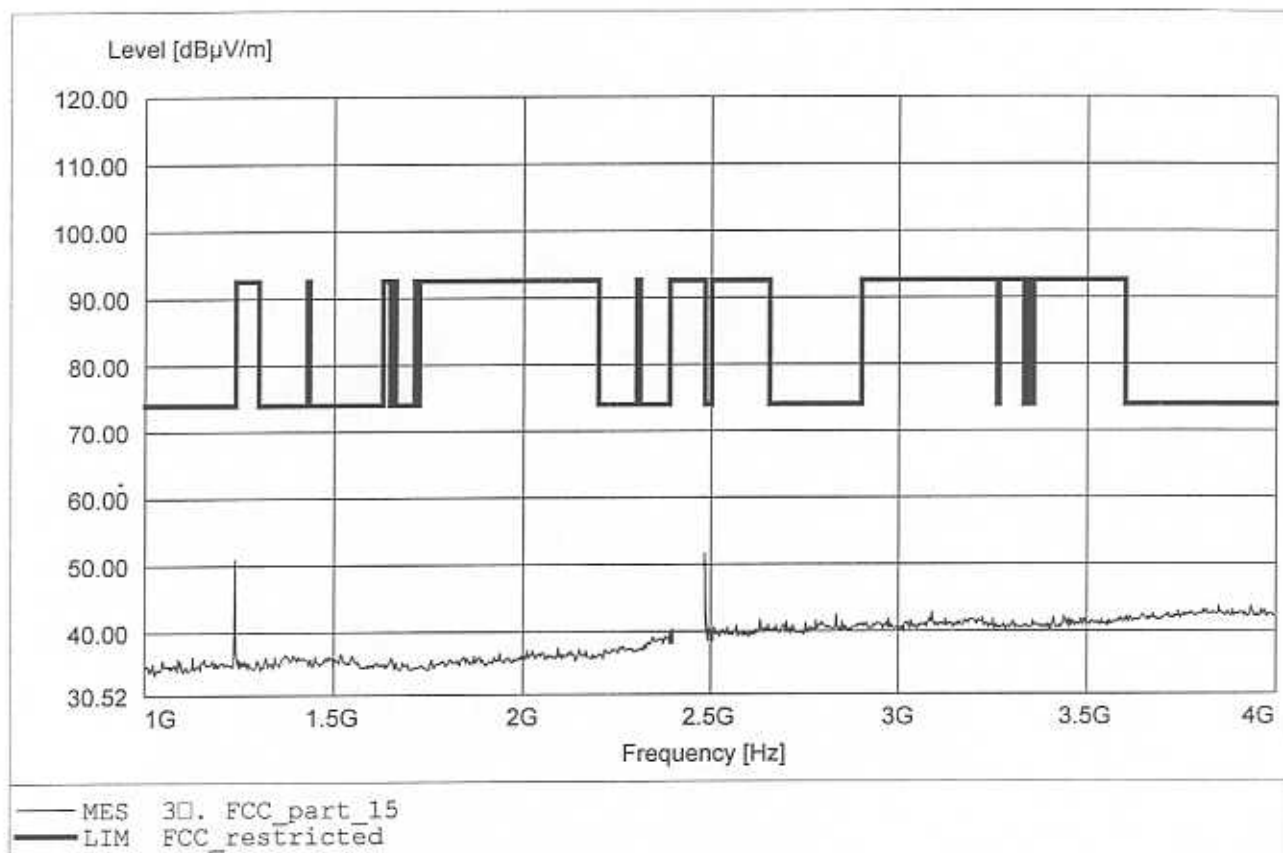
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 937.475MHz, Emax: 23.25dBuV/m, RBW: 100kHz



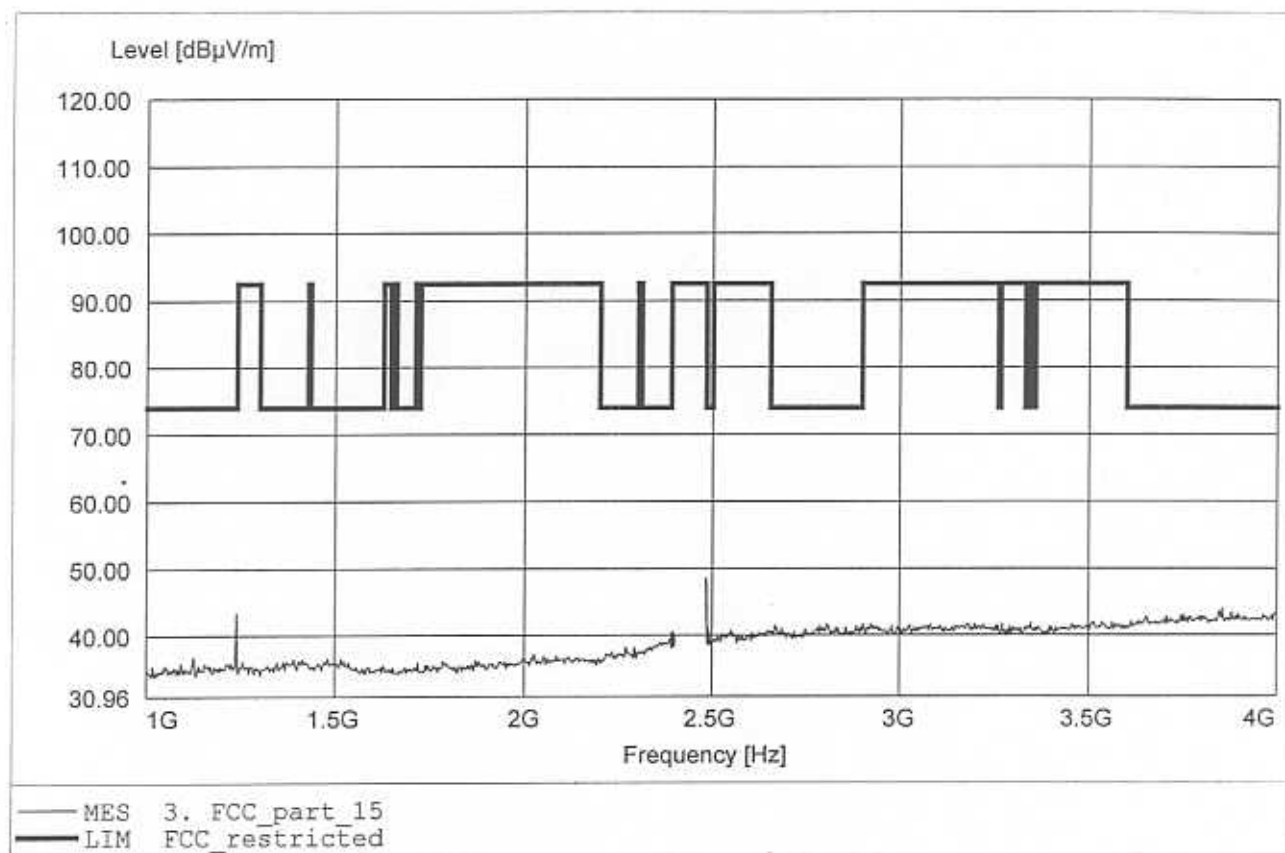
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 51.66dBμV/m, RBW: 1MHz



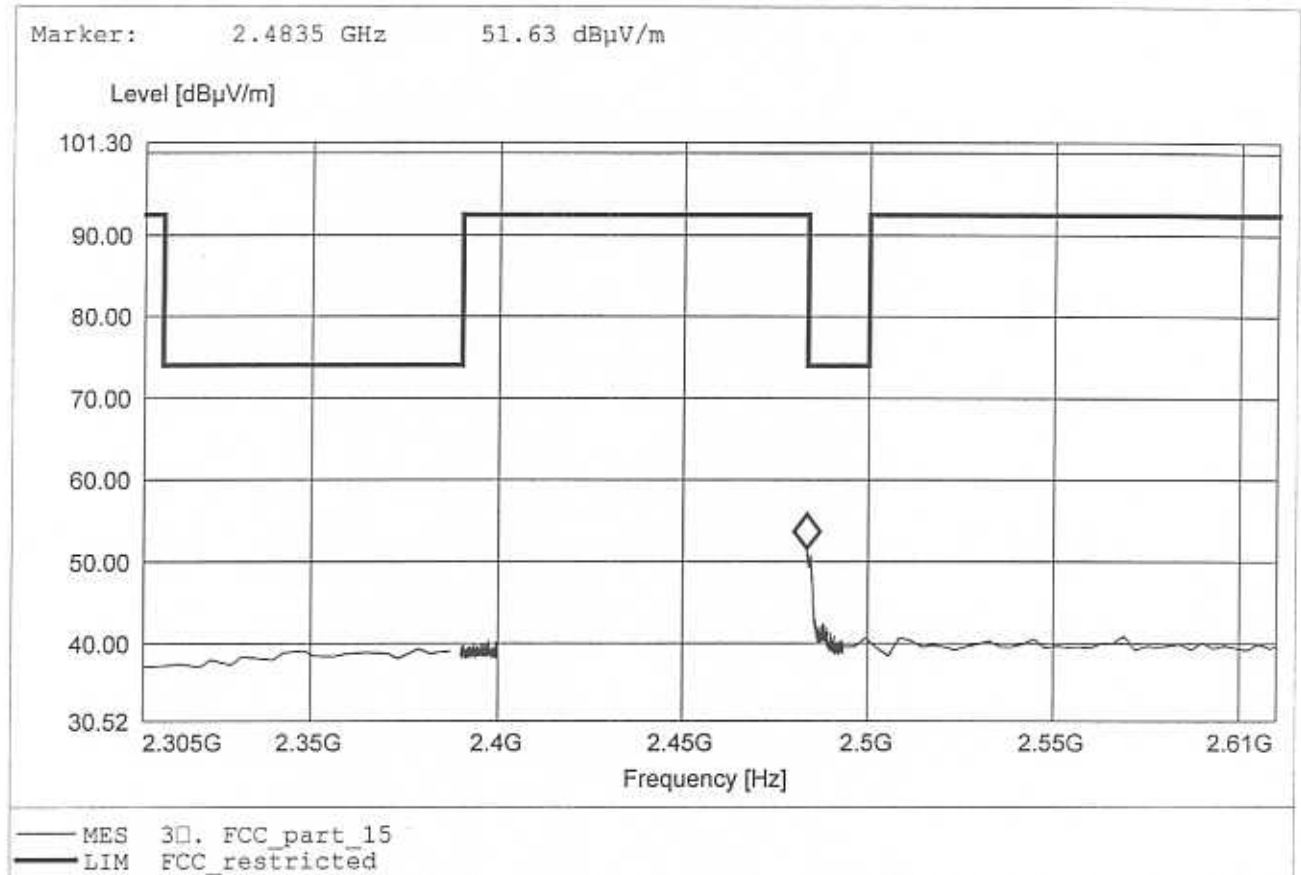
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 48.60dBμV/m, RBW: 1MHz



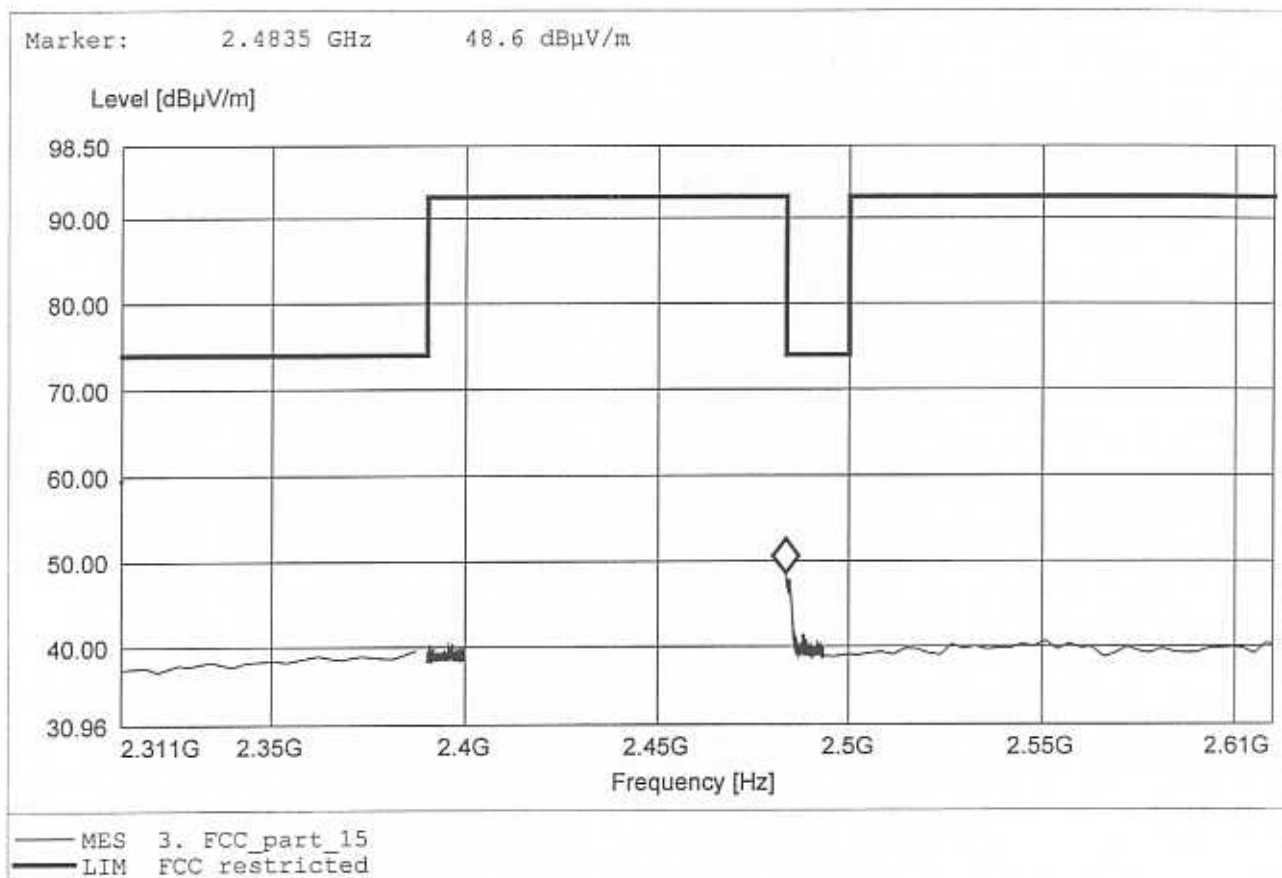
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 51.66dBµV/m, RBW: 1MHz



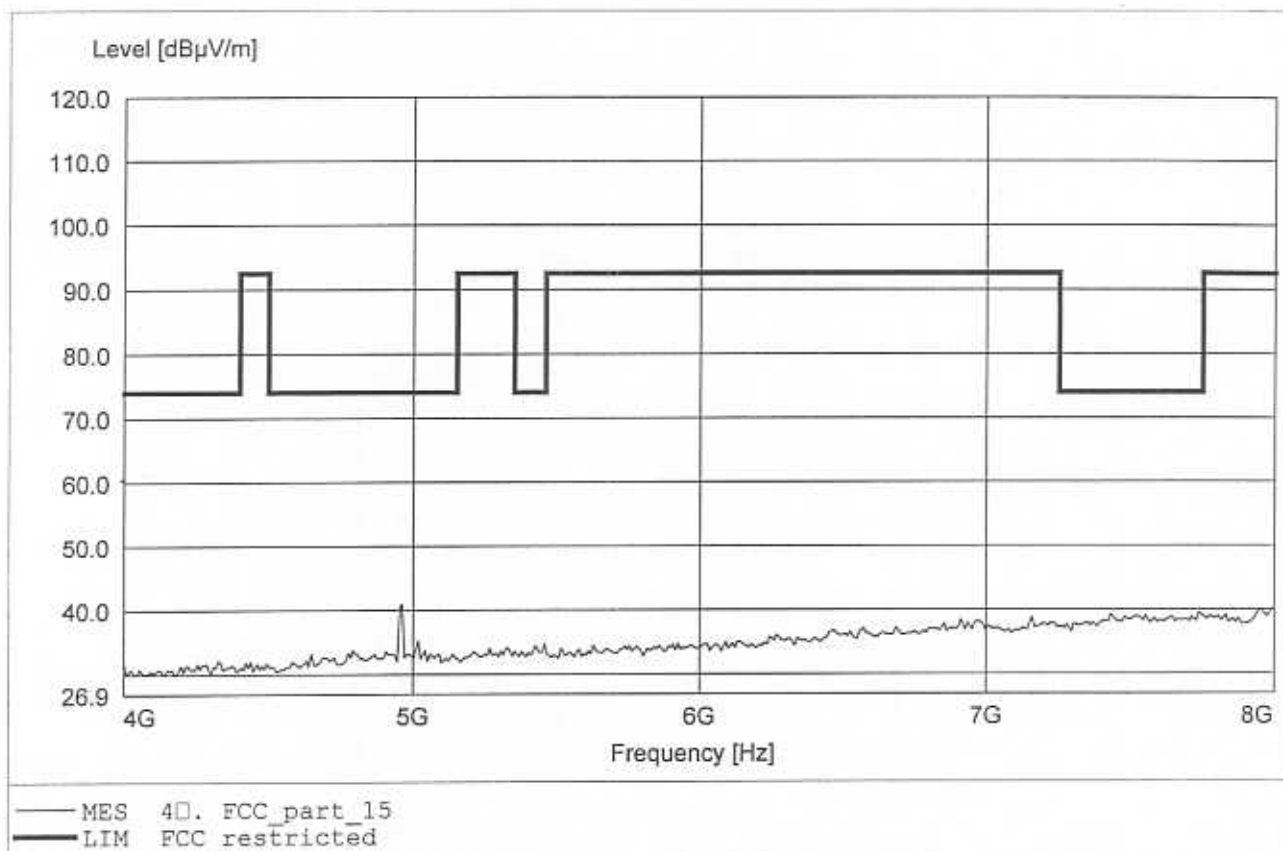
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 48.60dBμV/m, RBW: 1MHz



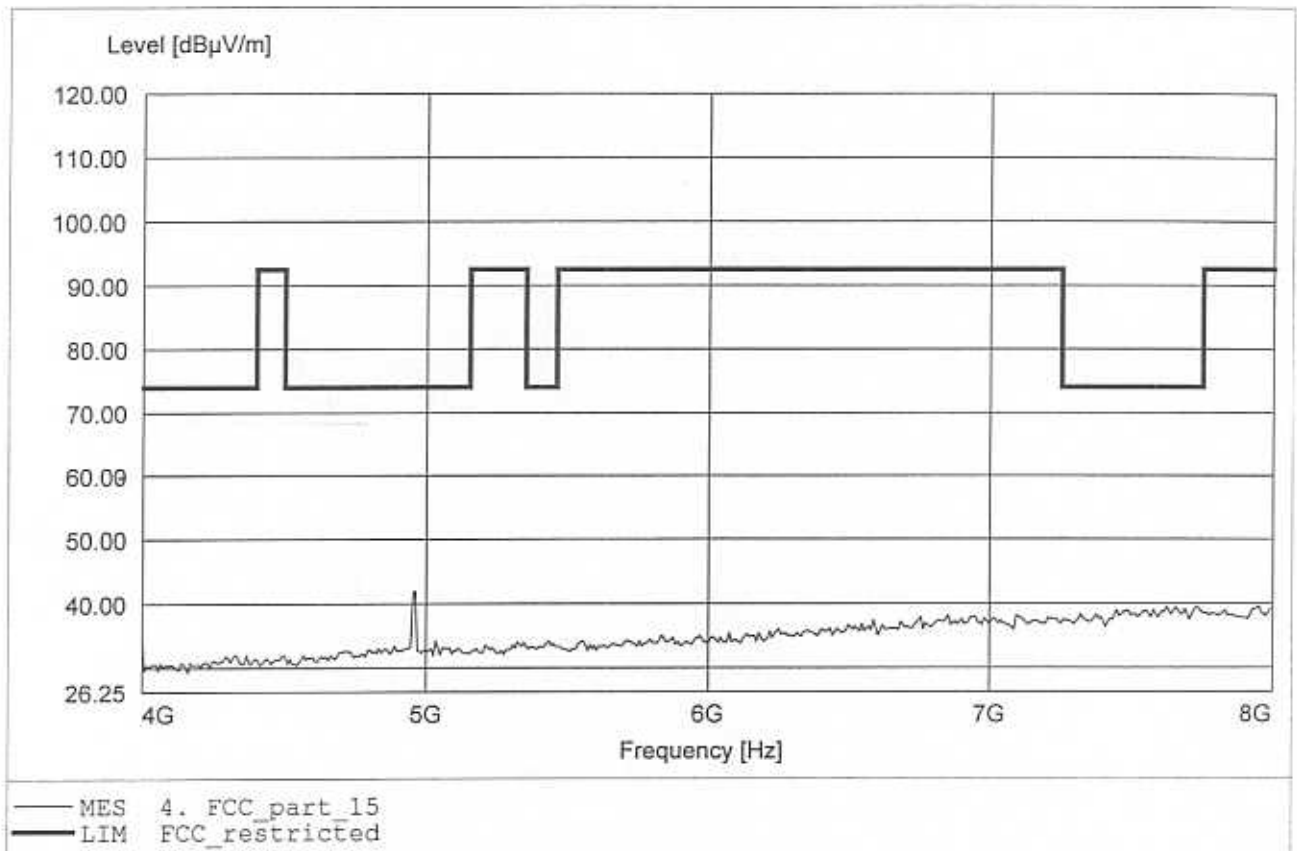
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 40.94dBμV/m, RBW: 1MHz



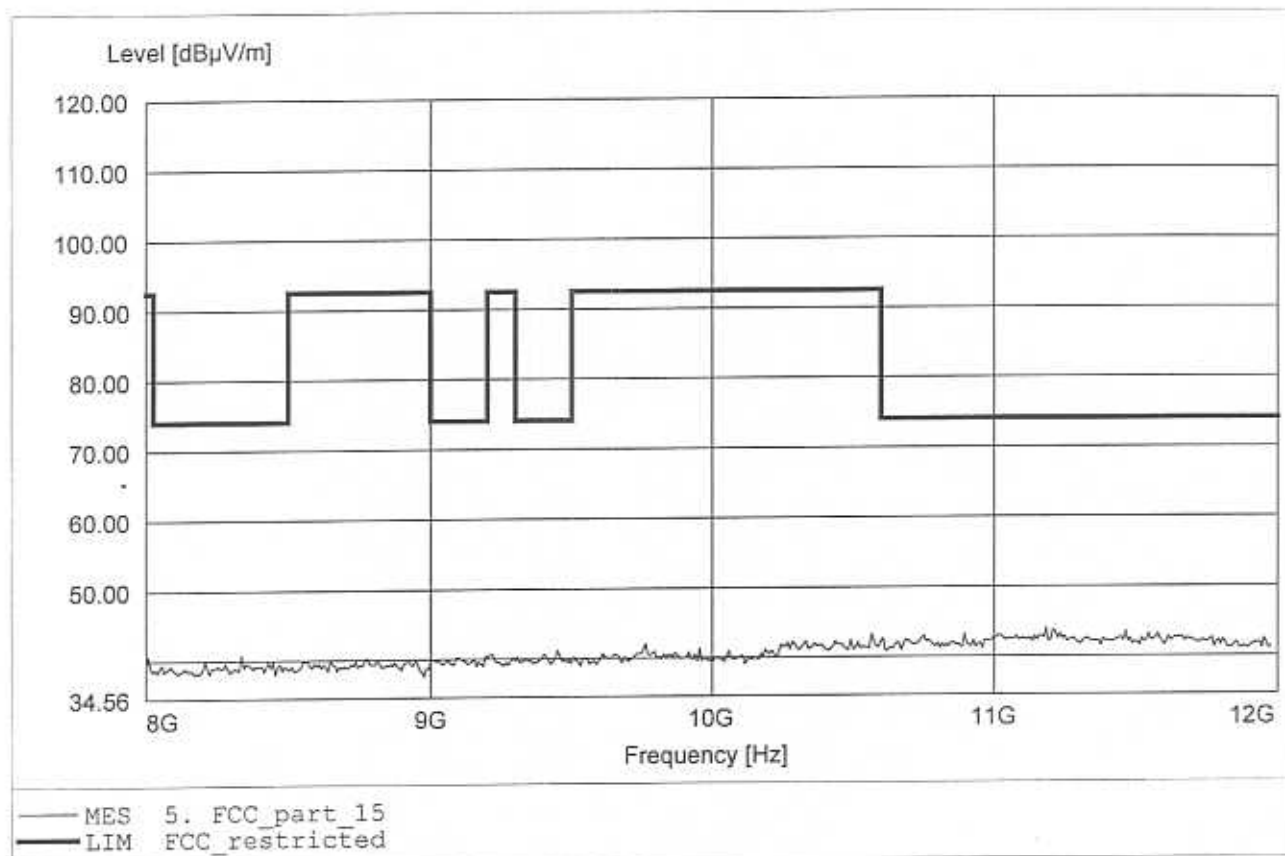
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 42.01dBµV/m, RBW: 1MHz



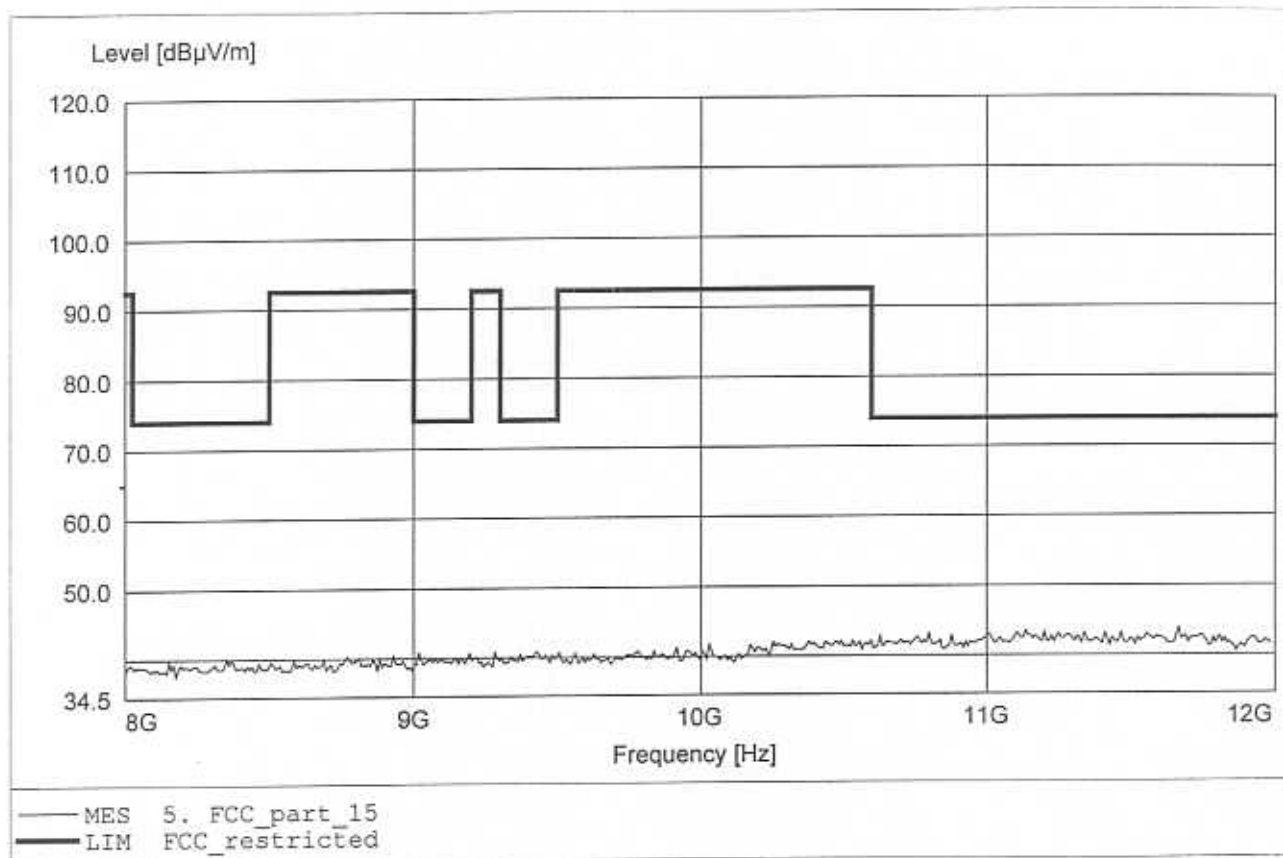
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHZ
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.182GHz, Emax: 44.08dBμV/m, RBW: 1MHz



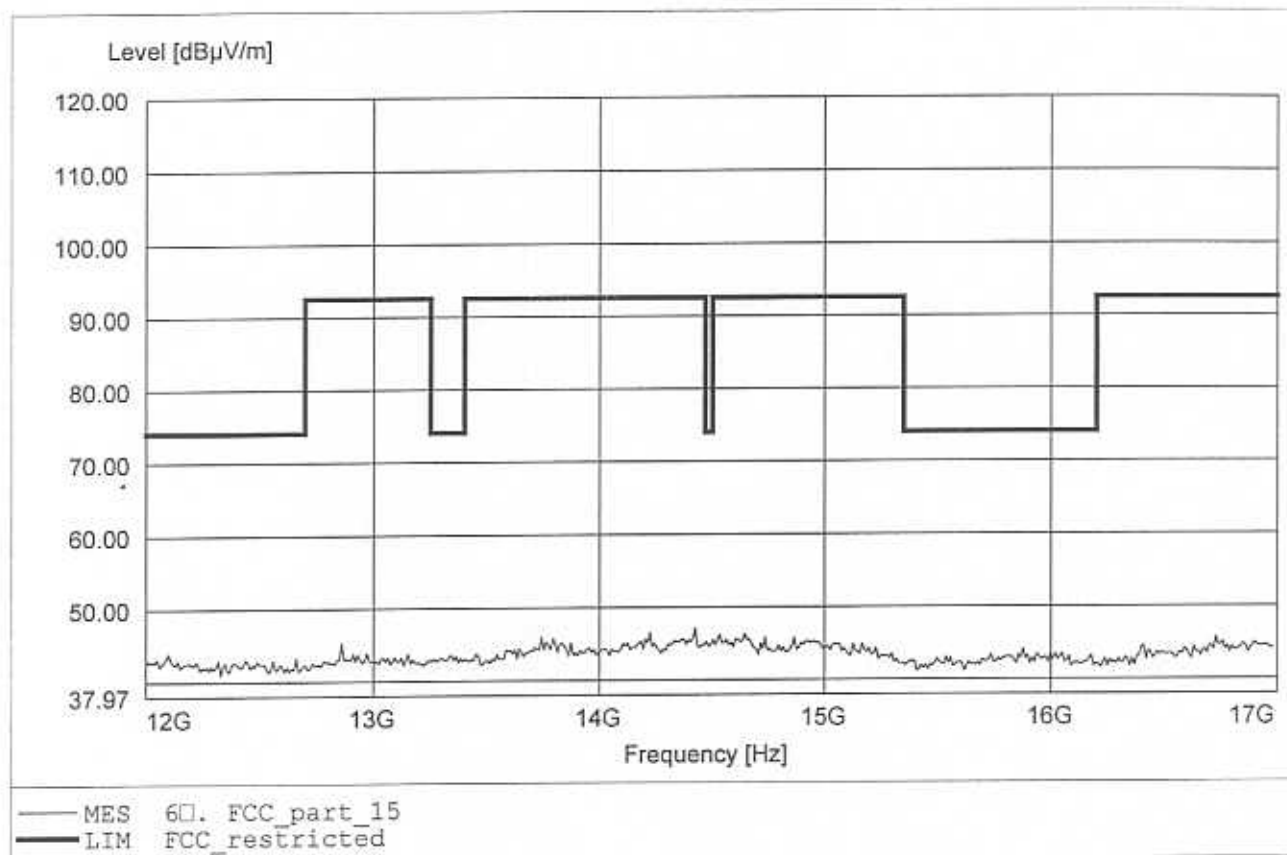
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.663GHz, Emax: 44.00dBμV/m, RBW: 1MHz



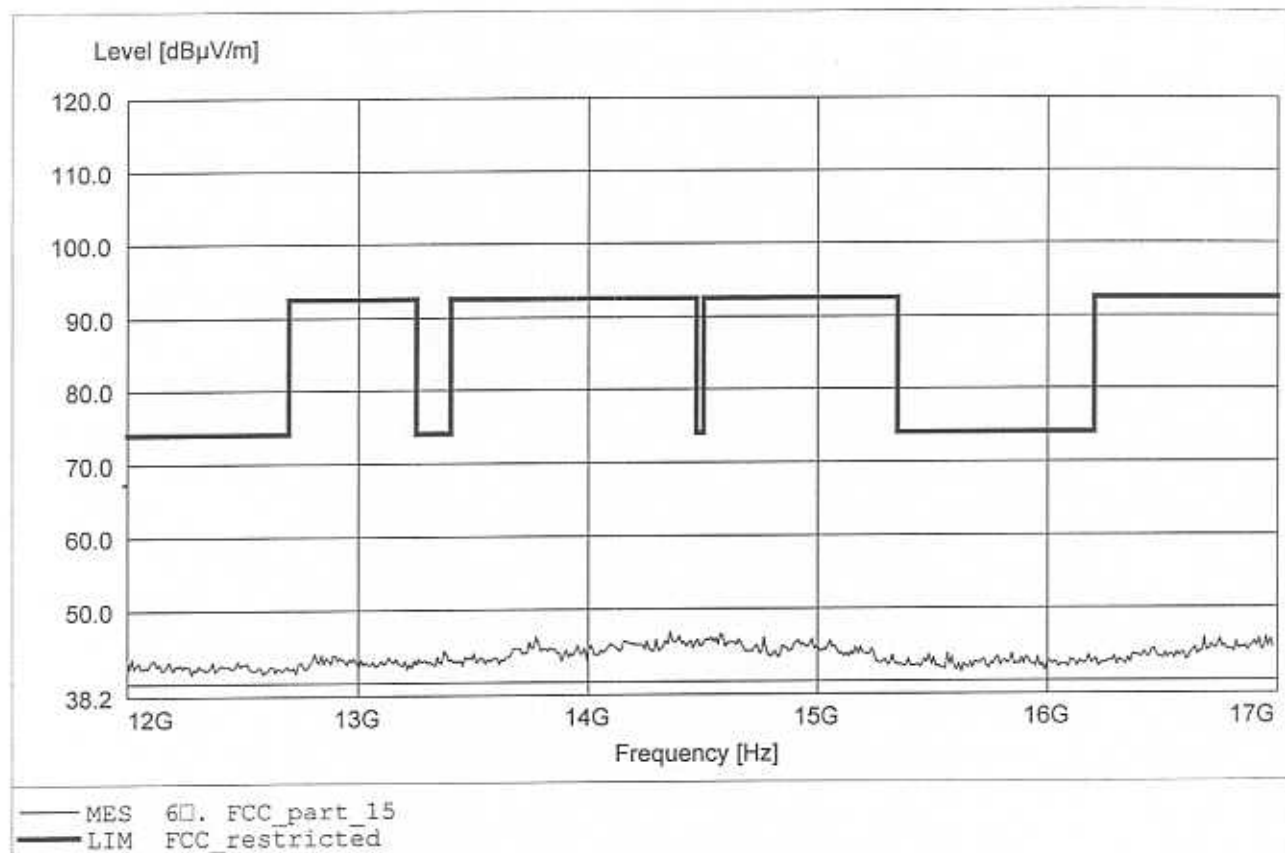
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.425GHz, Emax: 47.15dBµV/m, RBW: 1MHz



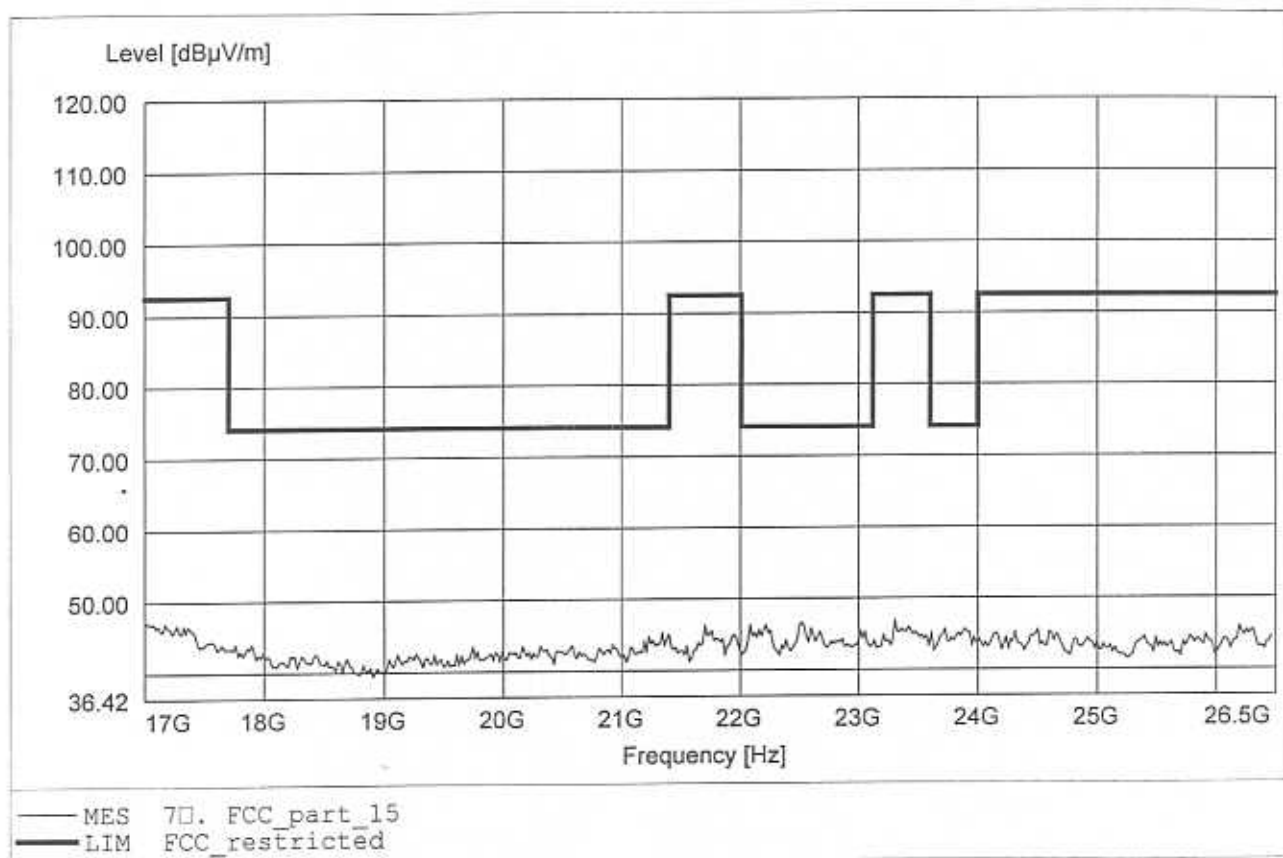
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.355GHz, Emax: 46.85dBμV/m, RBW: 1MHz



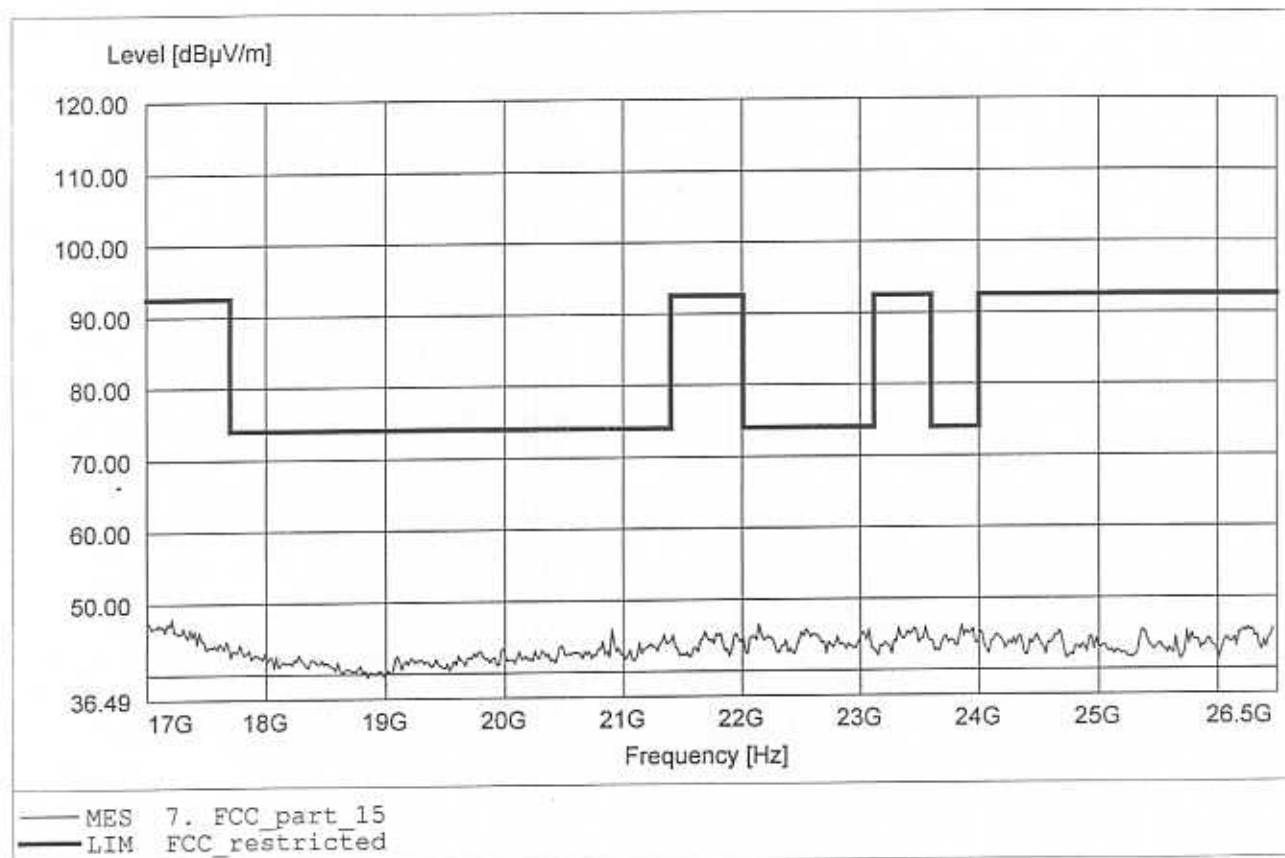
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 47.03dBμV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Jabra FreeSpeak Bluetooth Wireless Headset Tx 2480 MHz
Model: BT200
Approval Holder: GN Netcom A/S
Operating Condition: Tnom:23°C / Unom: 3.7 VDC
Test Site / Operator: ETS / Mr. F.Schulz
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.209GHz, Emax: 47.96dBµV/m, RBW: 1MHz

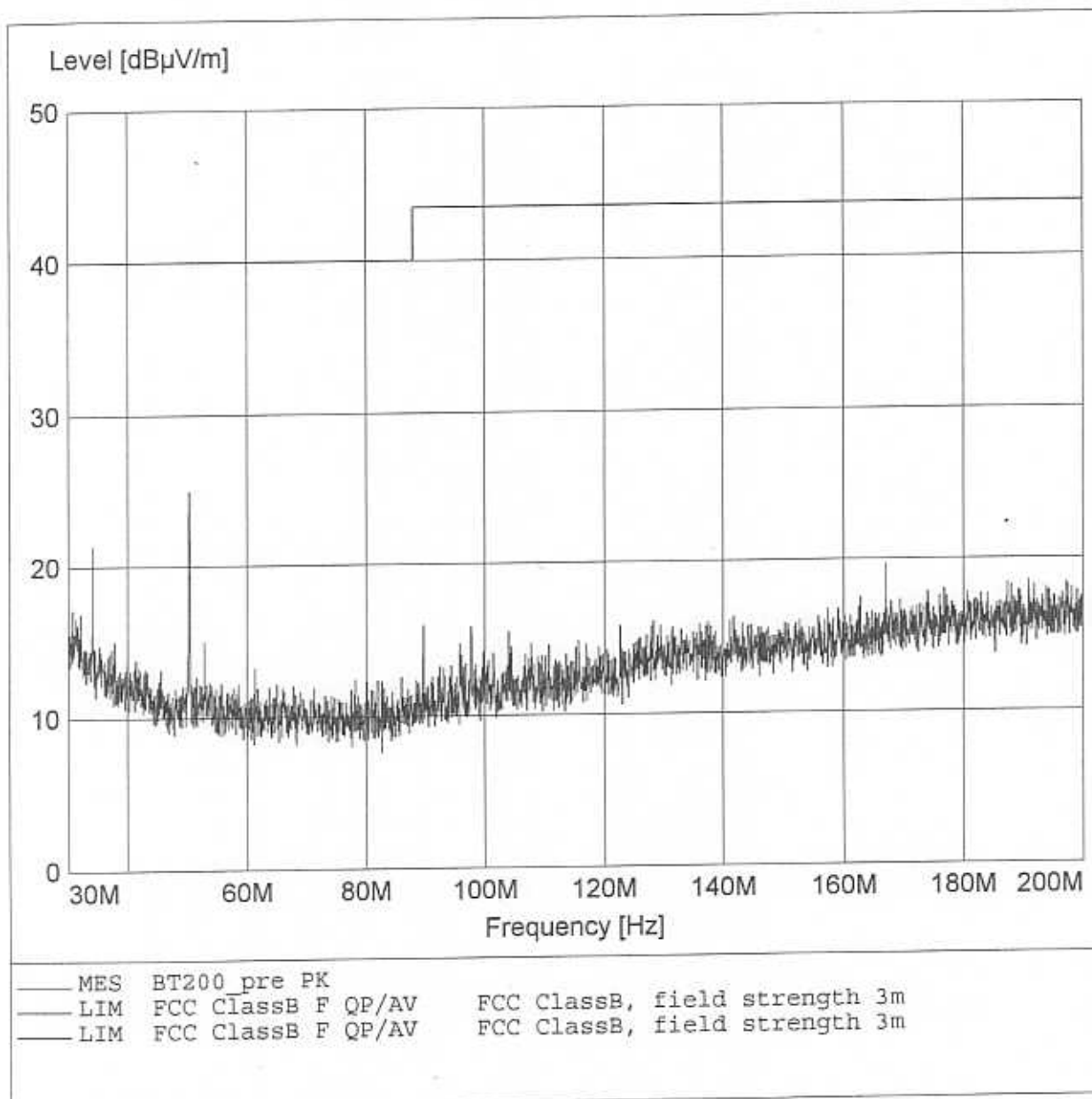


Appendix D

Spurious Emissions radiated – Charging mode

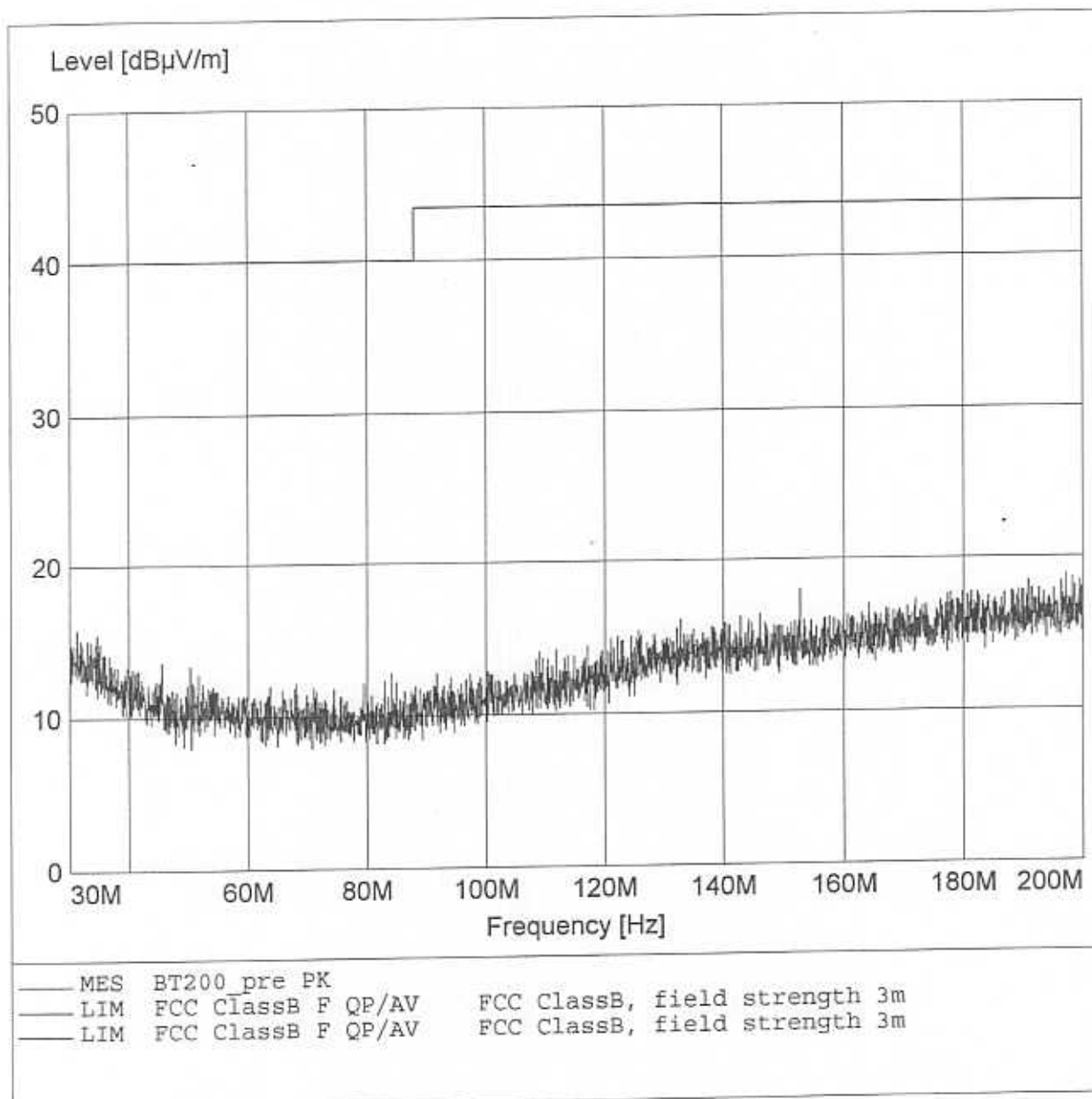
*Spurious emission under normal conditions
according to FCC part 15*

EUT: JABRA FREESPEAK BLUETOOTH WIRELESS HEADSET
 Manufacturer: GN NETCOM A/S
 Operating Condition: Unom: 120 VAC, Tnom: 23°C
 Test Site: ETS
 Operator: Mr. Marquardt
 Test Specification: Ant: HK 116, vertical
 Comment: model: BT200 mode: charging



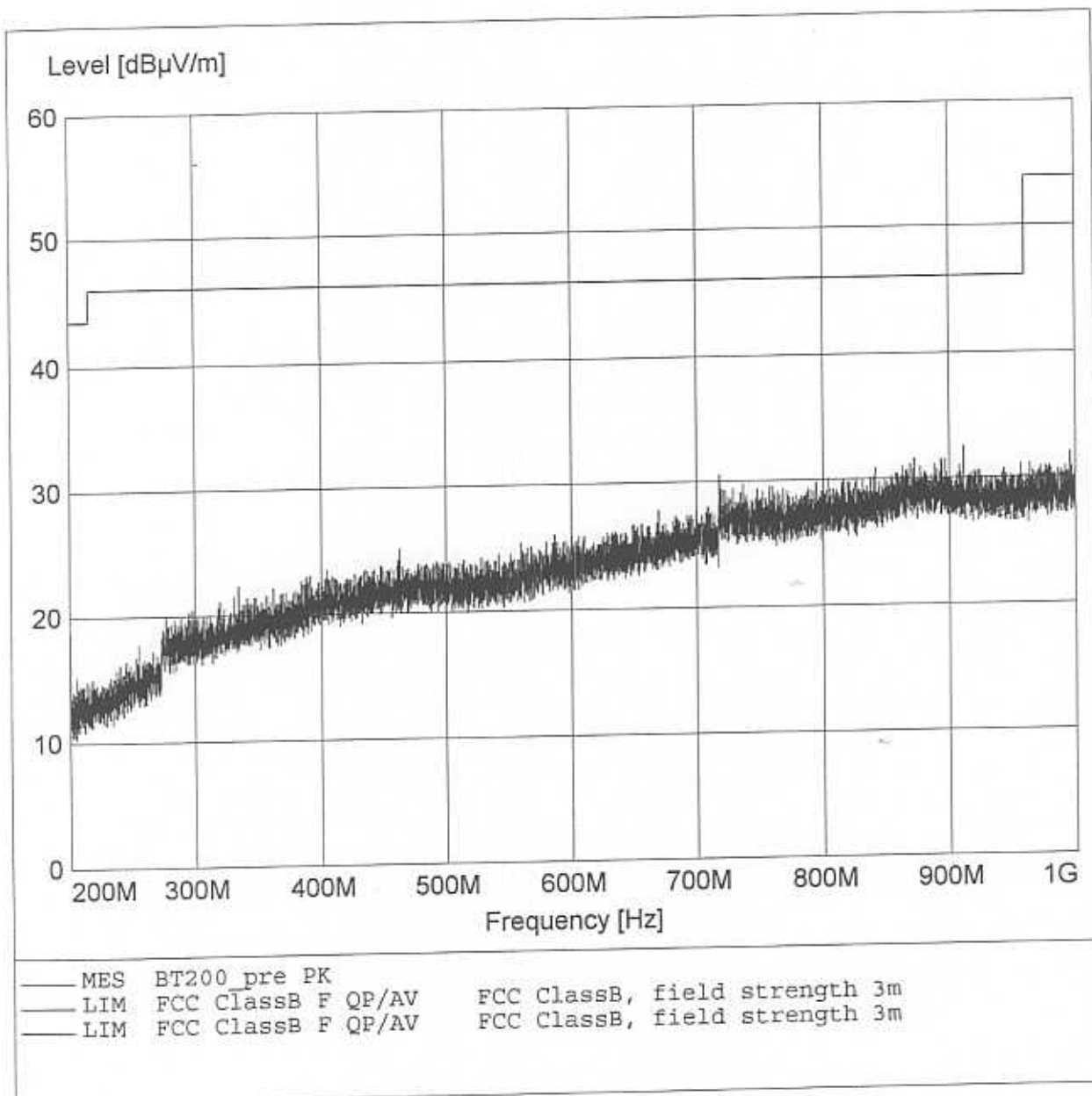
*Spurious emission under normal conditions
according to FCC part 15*

EUT: JABRA FREESPEAK BLUETOOTH WIRELESS HEADSET
Manufacturer: GN NETCOM A/S
Operating Condition: Unom: 120 VAC, Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: Ant: HK 116, horizontal
Comment: model: BT200 mode: charging



Spurious emission under normal conditions
according to FCC part 15

EUT: JABRA FREESPEAK BLUETOOTH WIRELESS HEADSET
Manufacturer: GN NETCOM A/S
Operating Condition: Unom: 120 VAC, Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: Ant: HL 223, vertical/horizontal
Comment: model: BT200 mode: charging



Appendix E

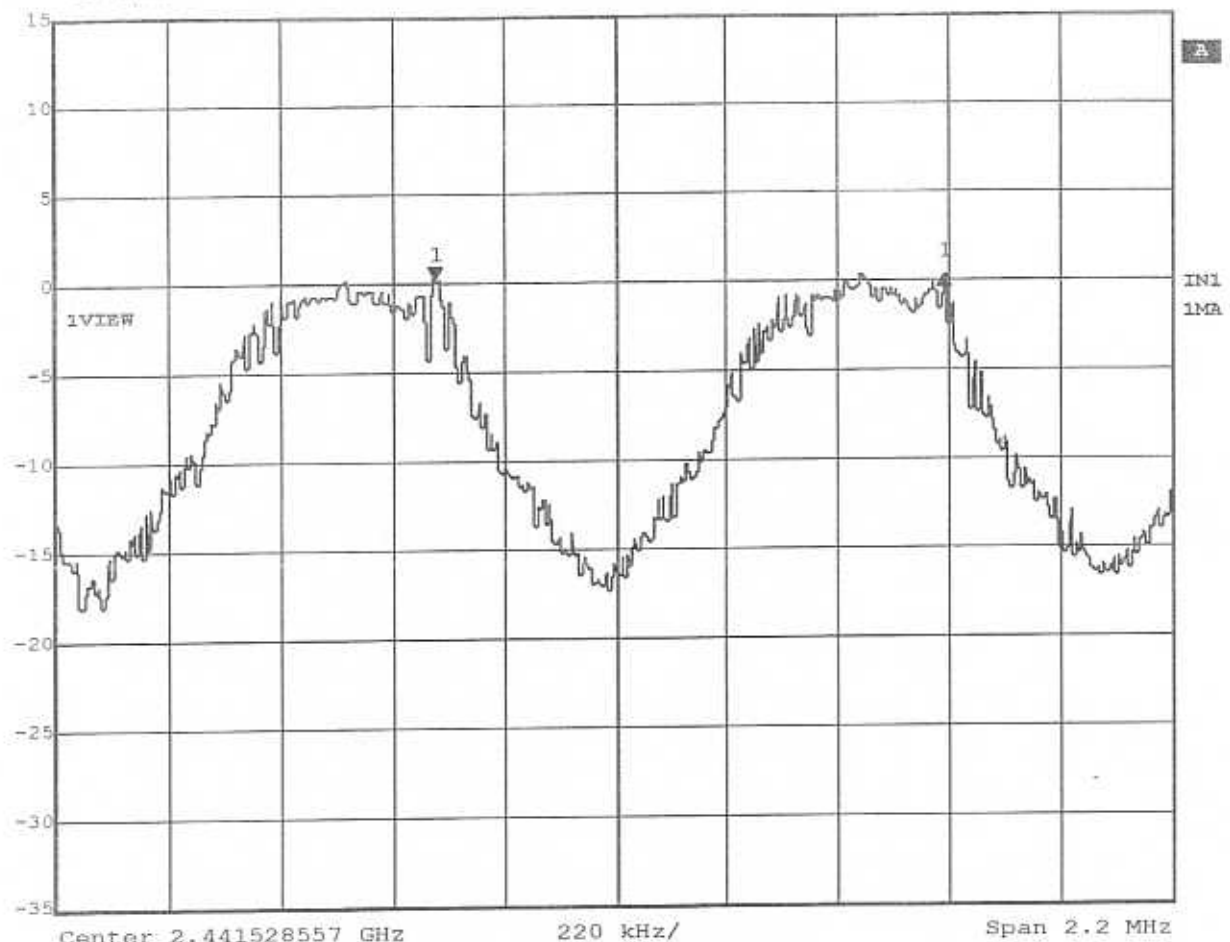
Spurious Emissions conducted - Transmitter operating

Appendix F

Carrier Frequency Separation



Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl -0.02 dB VBW 100 kHz
15 dBm 1.00521042 MHz SWT 5 ms Unit dBm



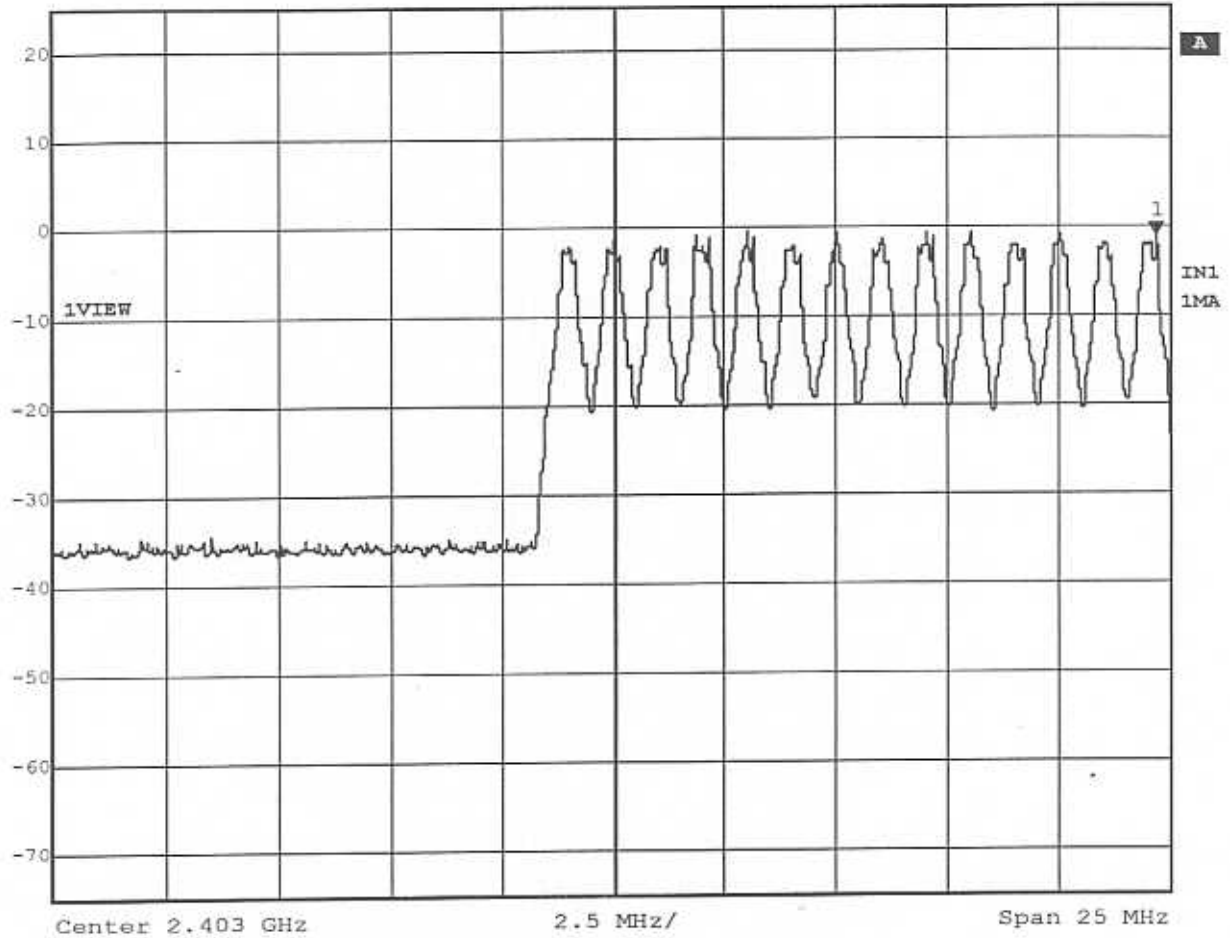
Title: Carrier Frequency Separation
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 10:49:21

Appendix G

Number of Hopping Frequencies



Marker 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl -1.08 dBm VBW 50 kHz
25 dBm 2.41519940 GHz SWT 25 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 0-13
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 10:56:40



Ref Lvl
25 dBm

Marker 1 [T1]

-0.49 dBm

2.44004910 GHz

RBW

50 kHz

VBW

50 kHz

SWT

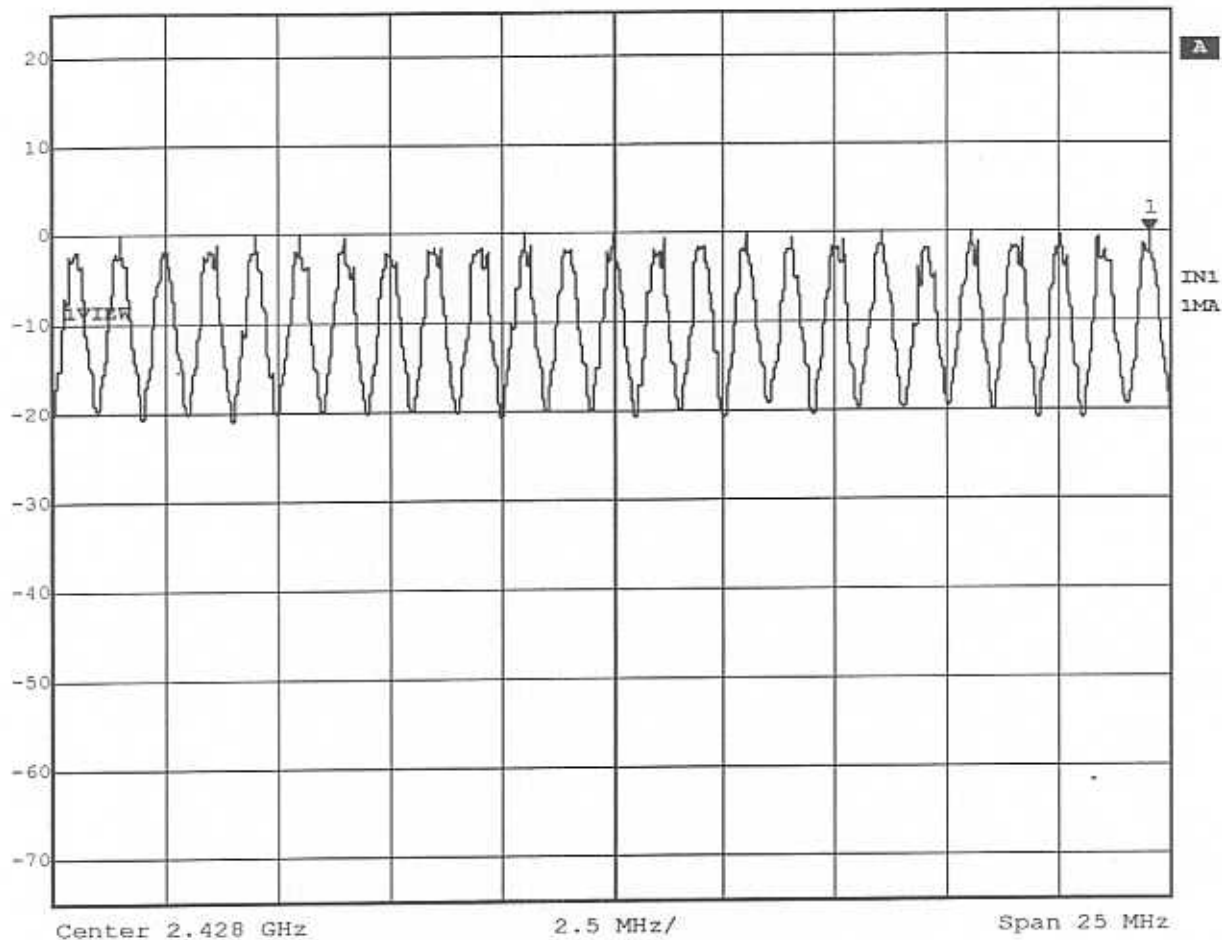
25 ms

RF Att

50 dB

Unit

dBm



Title: Number of Hopping Frequencies Ch.: 14-38

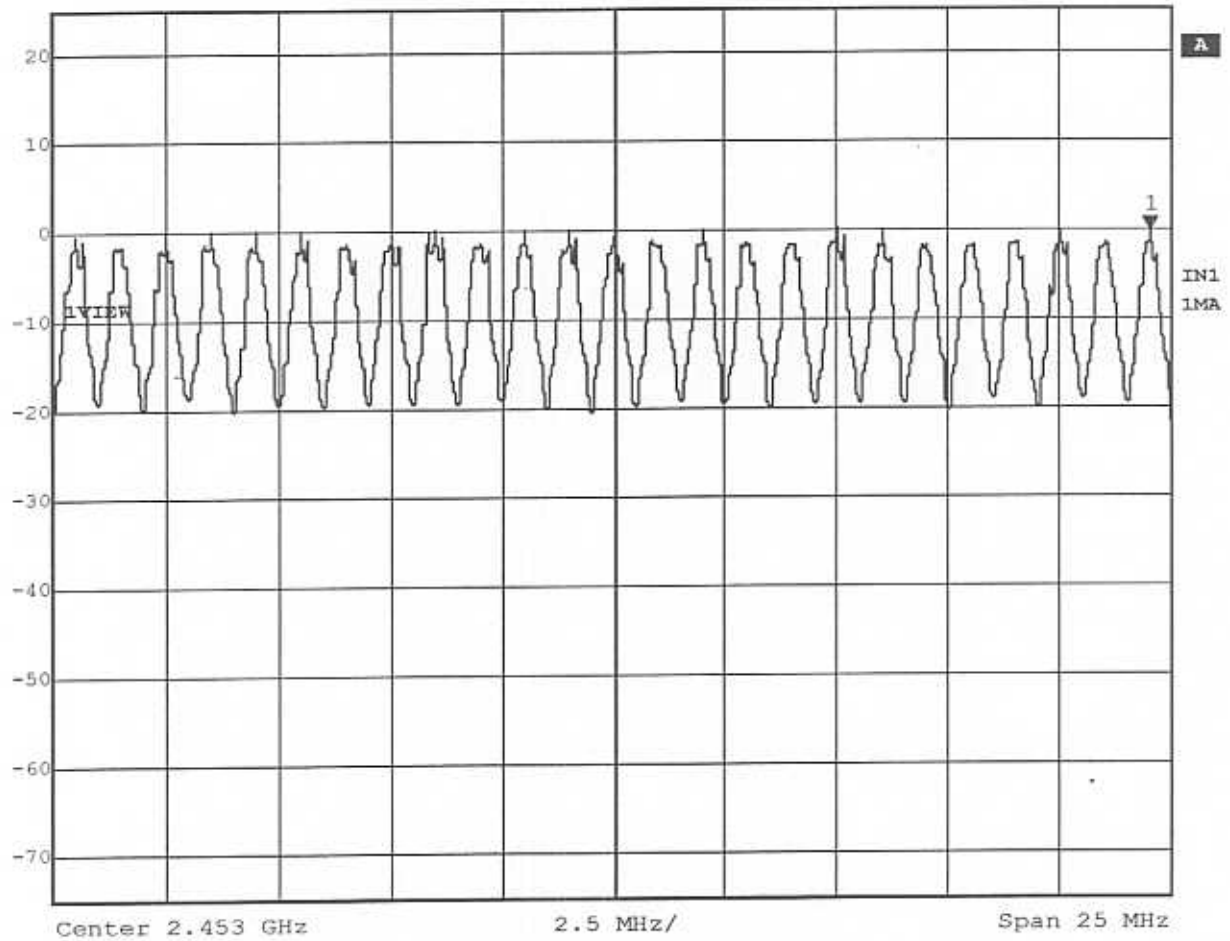
Comment A: GN Netcom A/s

Jabra FreeSpeak Bluetooth Wireless Headset BT200

Date: 22.AUG.2002 11:00:43



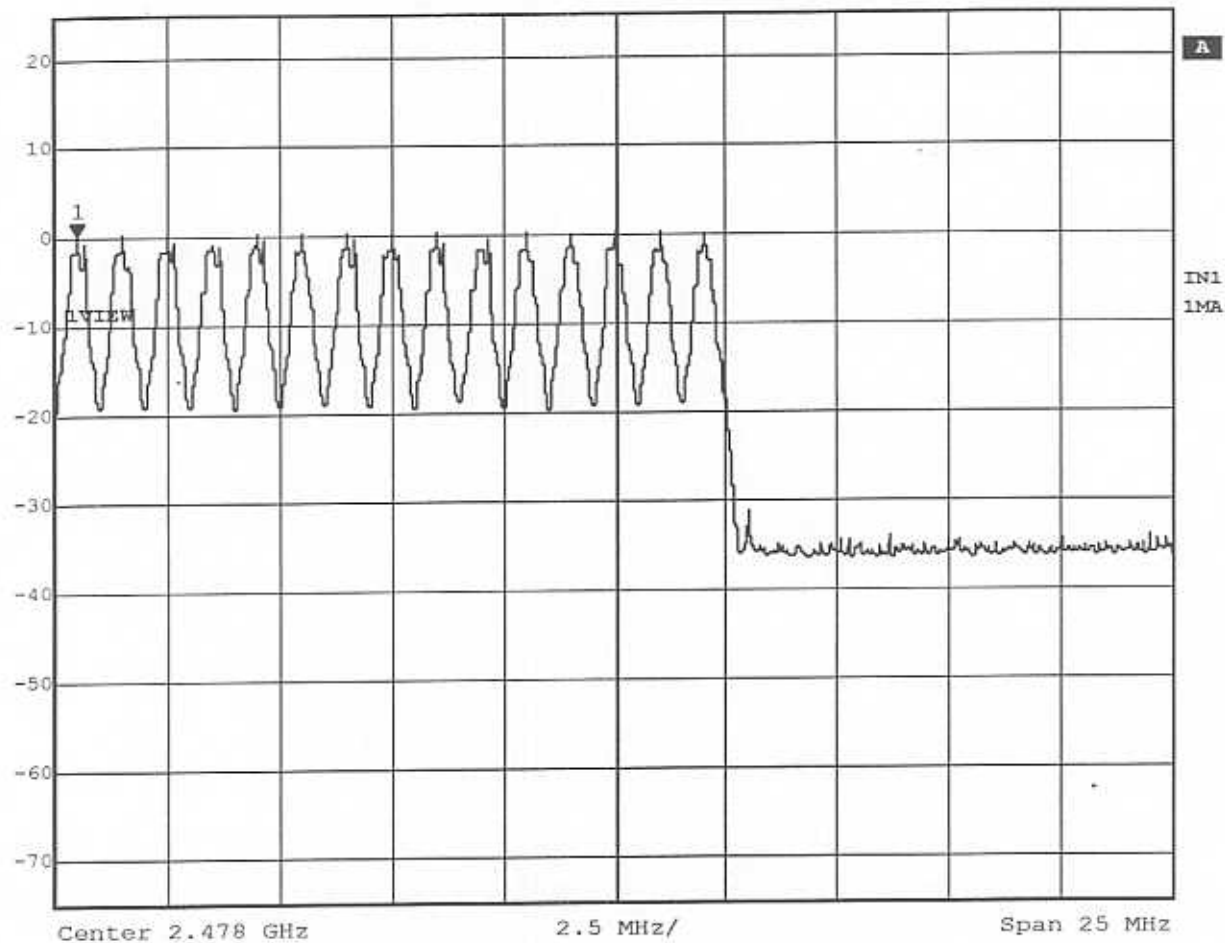
Marker 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl -0.00 dBm VBW 50 kHz
25 dBm 2.46504910 GHz SWT 25 ms Unit dBm



Title: Number of Hopping Frequencies Ch.: 39-63
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 11:06:29



Marker 1 [T1] RBW 50 kHz RF Att 50 dB
Ref Lvl 0.01 dBm VBW 50 kHz
25 dBm 2.46600100 GHz SWT 25 ms Unit dBm

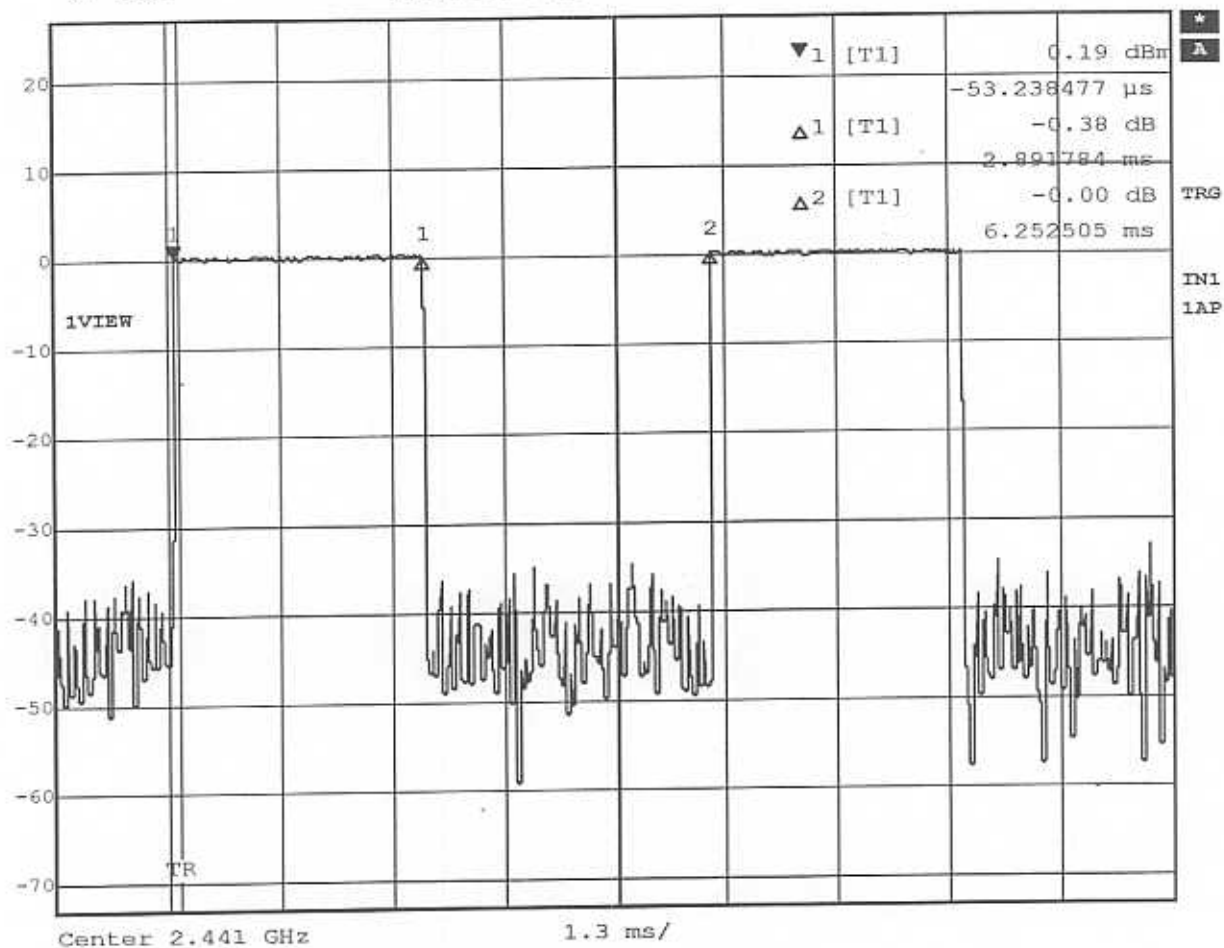


Title: Number of Hopping Frequencies Ch.: 64-78
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 11:15:27

Appendix H

Time of Occupancy (Dwell Time)

	Marker 1 [T1]	RBW	1 MHz	RF Att	50 dB
Ref Lvl	0.19 dBm	VBW	1 MHz		
27 dBm	-53.238477 μ s	SWT	13 ms	Unit	dBm



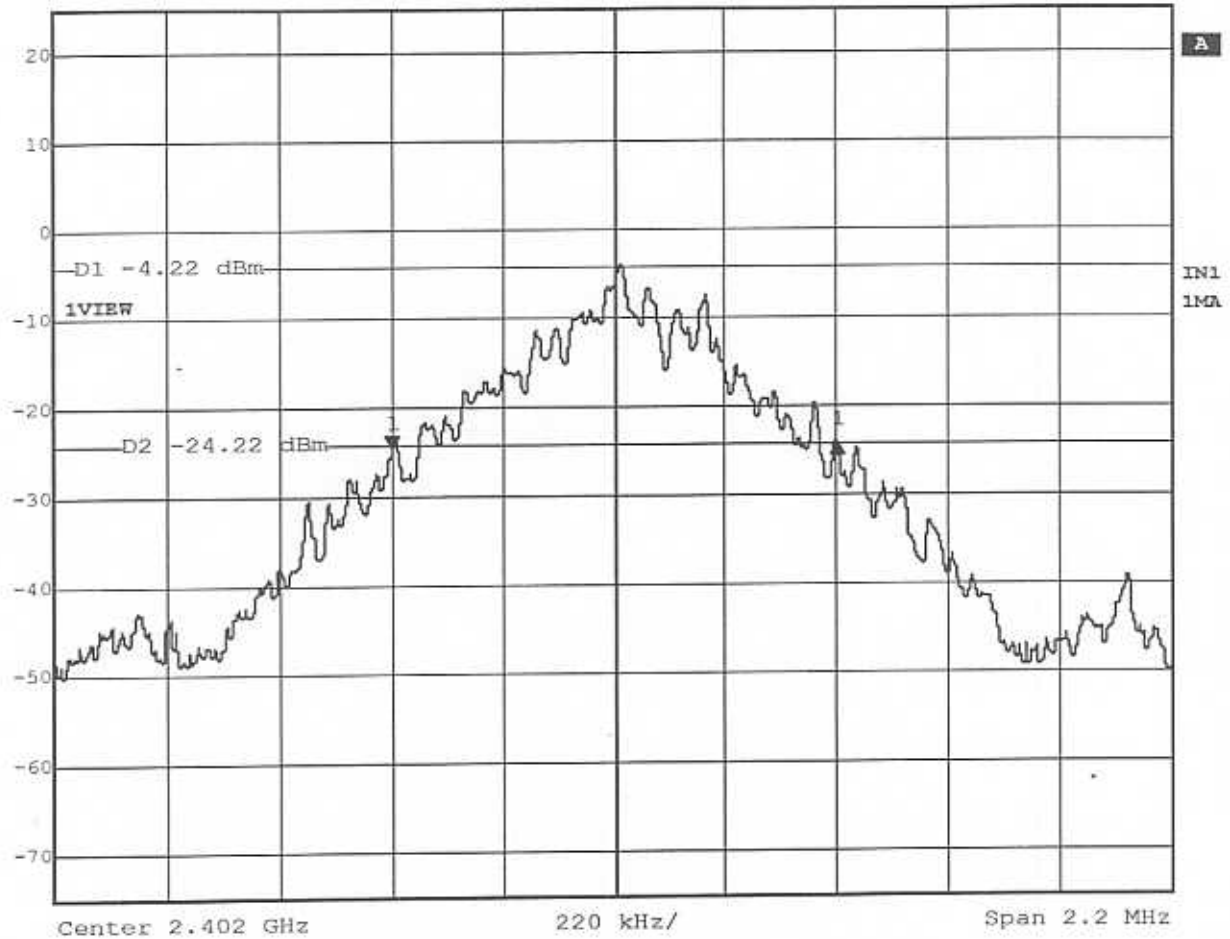
Title: Dwell Time
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 10:34:30

Appendix I

20dB Bandwidth



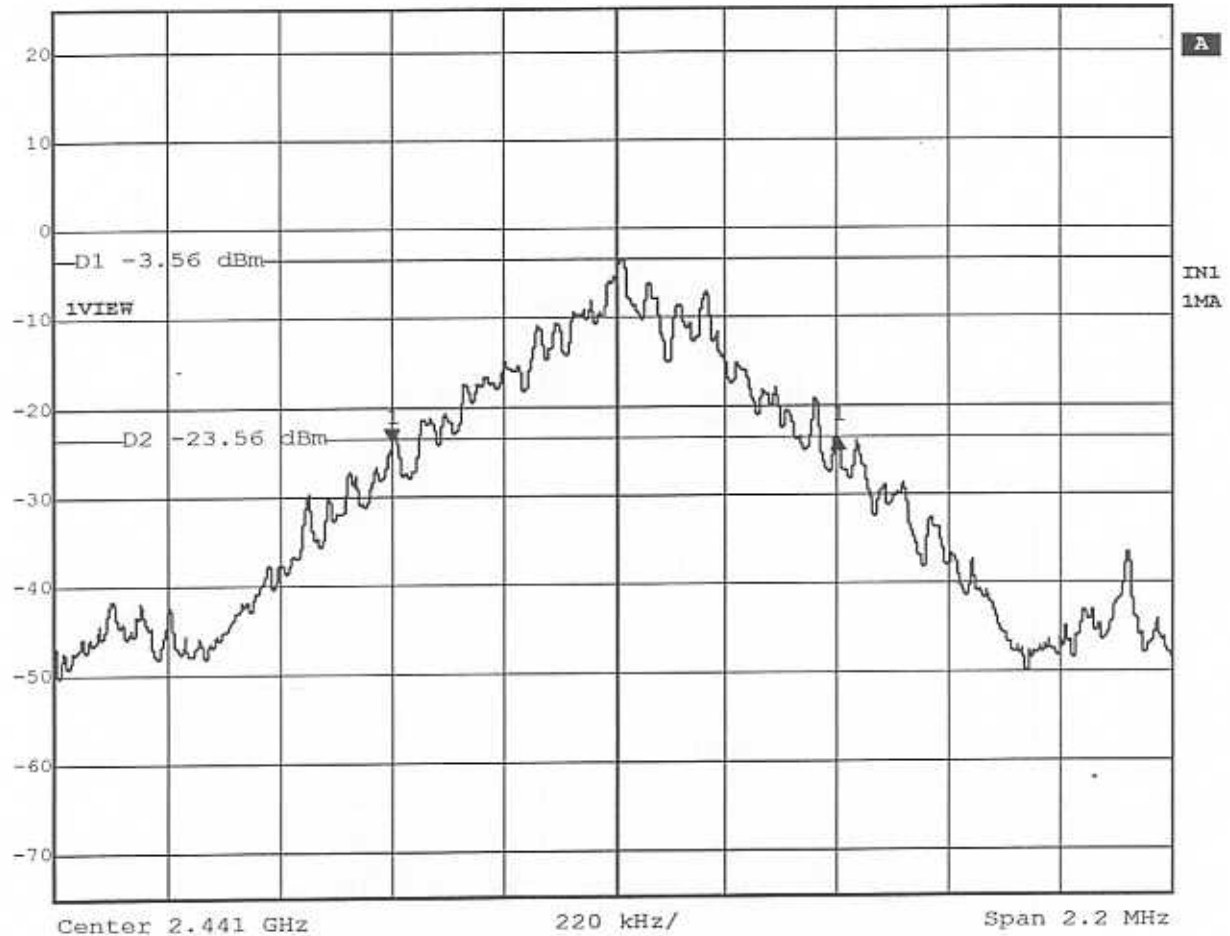
Ref Lvl	Delta 1 [T1]	RBW	10 kHz	RF Att	50 dB
25 dBm	0.25 dB	VBW	10 kHz		
	881.76352705 kHz	SWT	56 ms	Unit	dBm



Title: -20 dB Bandwidth Ch.: 0
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 09:06:33



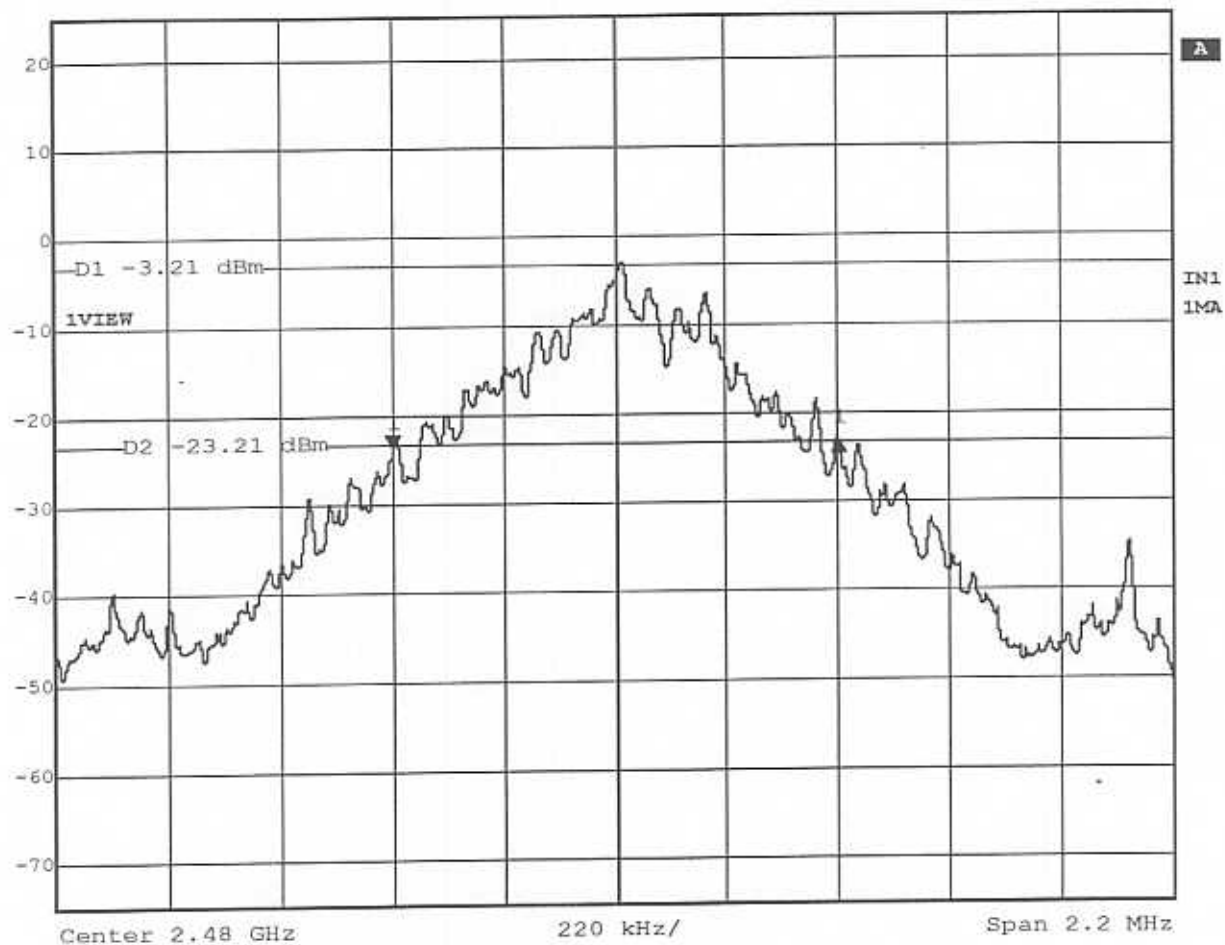
Ref Lvl	Delta 1 [T1]	RBW	10 kHz	RF Att	50 dB
25 dBm	0.14 dB	VBW	10 kHz		
	881.76352705 kHz	SWT	56 ms	Unit	dBm



Title: -20 dB Bandwidth Ch.: 39
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 09:04:11



Ref Lvl	Delta 1 [T1]	RBW	10 kHz	RF Att	50 dB
25 dBm	0.31 dB	VBW	10 kHz		
	981.76352705 kHz	SWT	56 ms	Unit	dBm



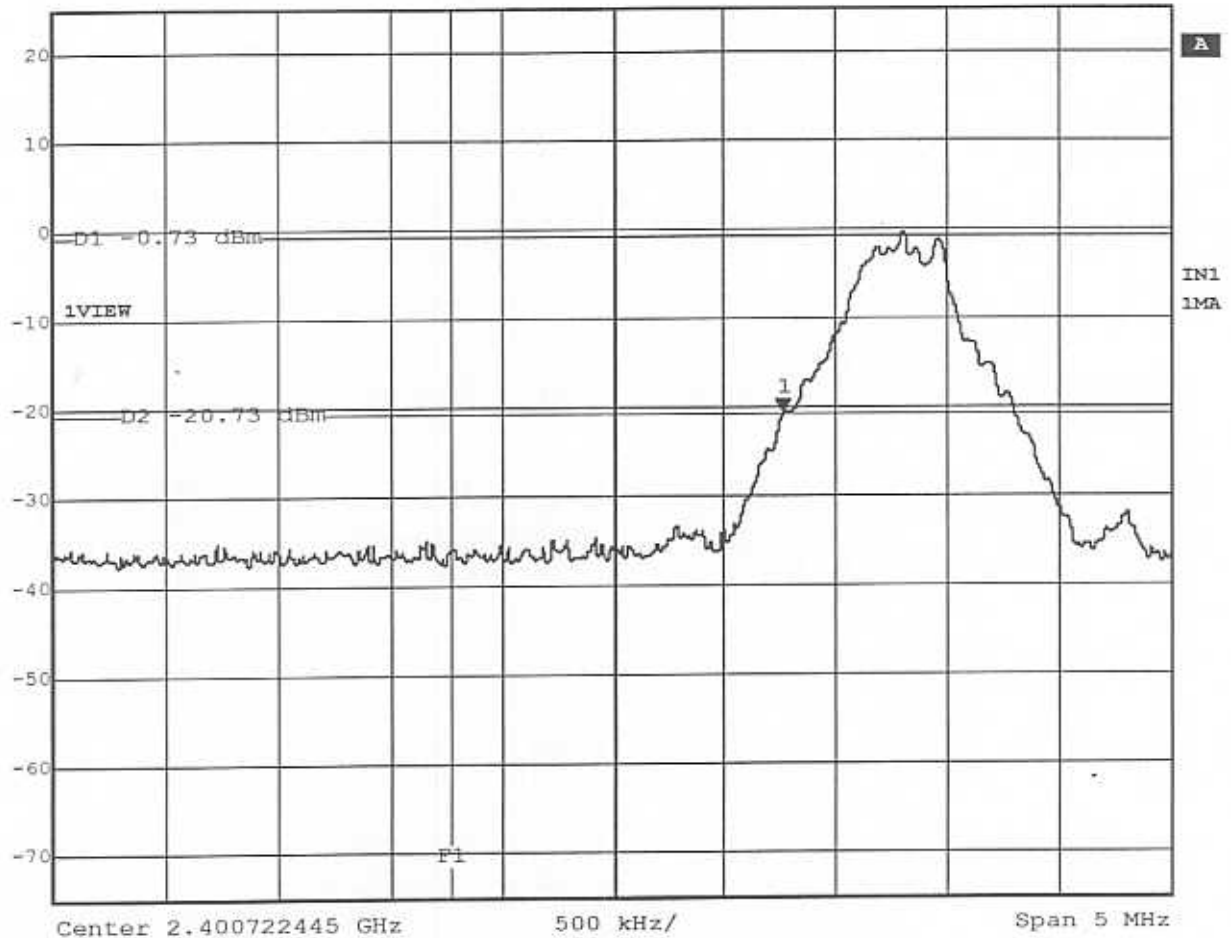
Title: -20 dB Bandwidth Ch.: 78
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 09:01:46

Appendix J

Band-edge Compliance of RF Emissions



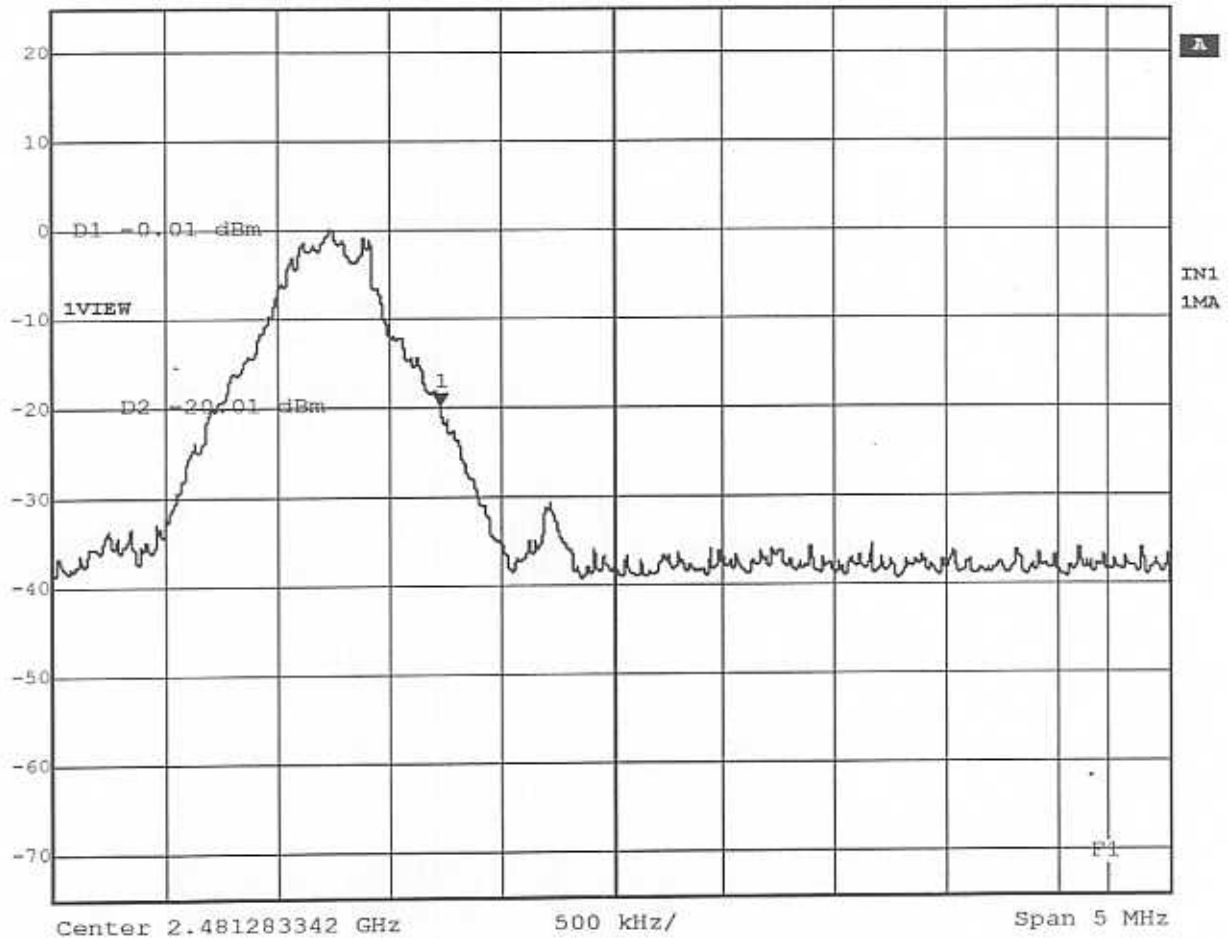
Ref Lvl	Marker 1 [T1]	RBW	50 kHz	RF Att	50 dB
25 dBm	-20.54 dBm	VBW	50 kHz		
	2.40148898 GHz	SWT	5 ms	Unit	dBm



Title: Band-edge Compliance of RF Conducted Emissions Ch.: 0
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 09:40:13



Ref Lvl	Marker 1 [T1]	RBW	50 kHz	RF Att	50 dB
25 dBm	-19.82 dBm	VBW	50 kHz		
	2.48051681 GHz	SWT	5 ms	Unit	dBm



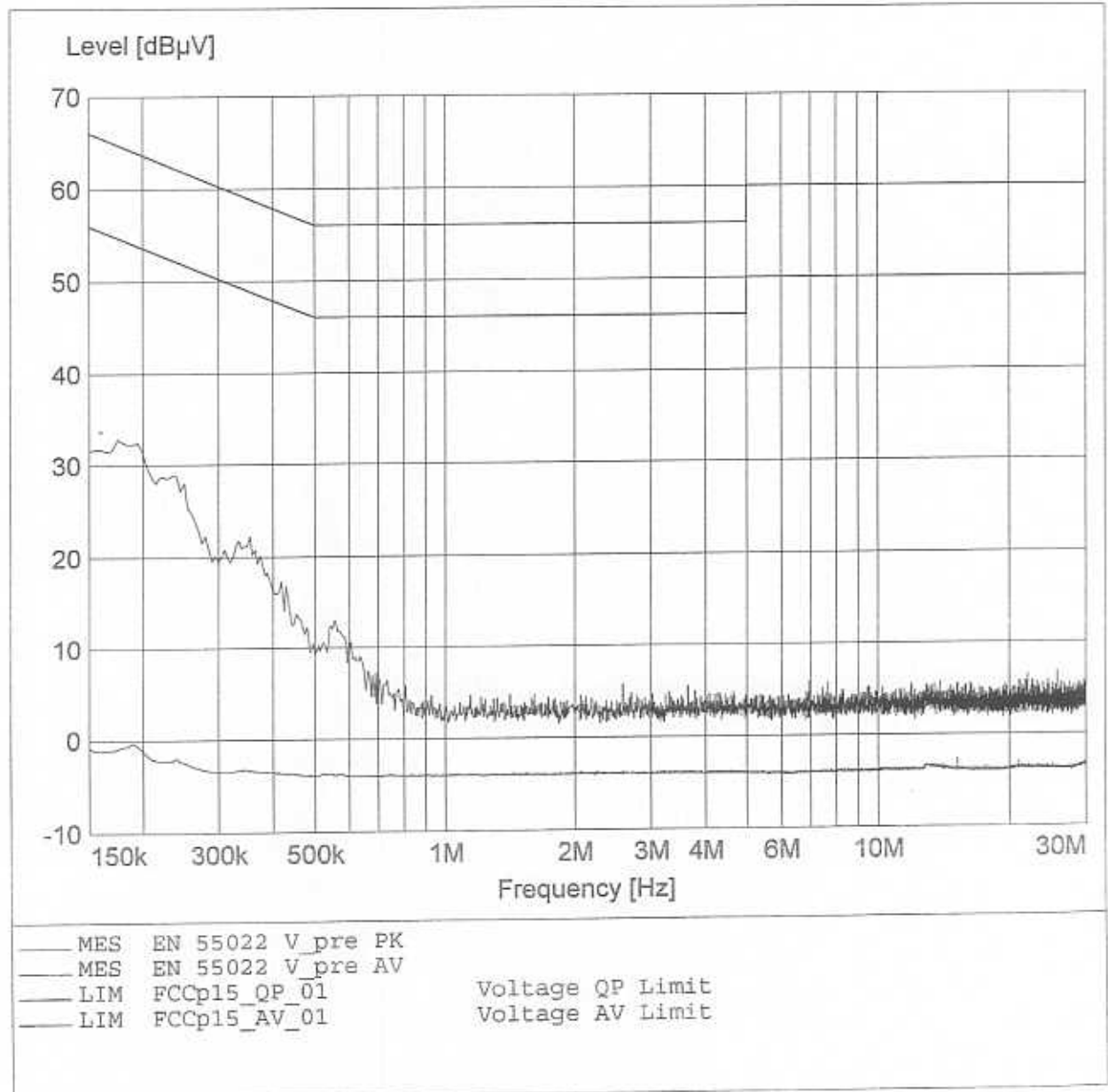
Title: Band-edge Compliance of RF Conducted Emissions Ch.: 78
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 22.AUG.2002 09:42:14

Appendix K

Conducted Measurement at (AC) Power Line

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

EUT: JABRA FREESPEAK BLUETOOTH WIRELES HEADSET
Manufacturer: GN NETCOM A/S
Operating Condition: Unom: 120VAC, Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH2-Z5
Comment: model: BT200 mode: charging

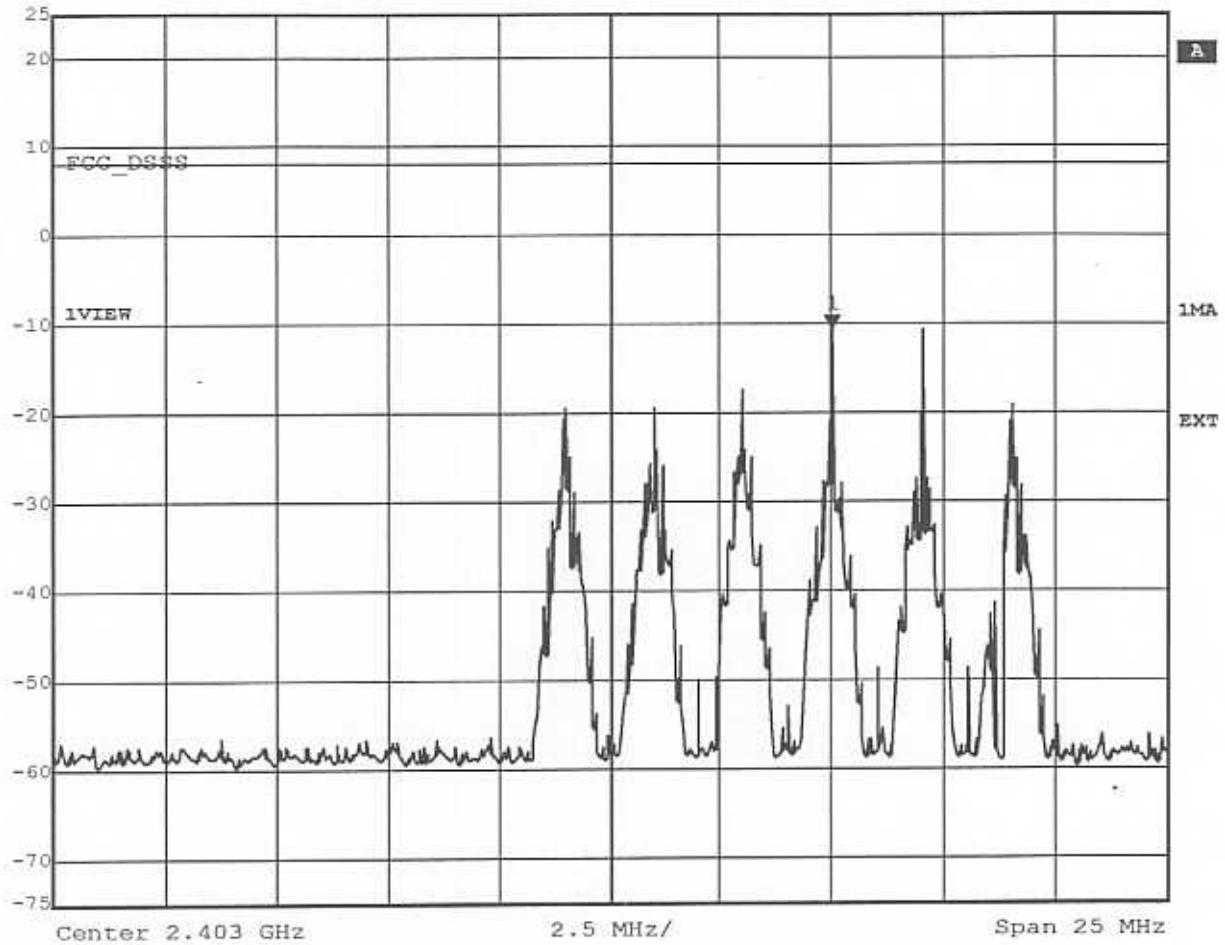


Appendix L

Peak Power Spectral Density (Master Inquiry Mode)



Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl -10.69 dBm VBW 3 kHz
25 dBm 2.40803507 GHz SWT 10 s Unit dBm



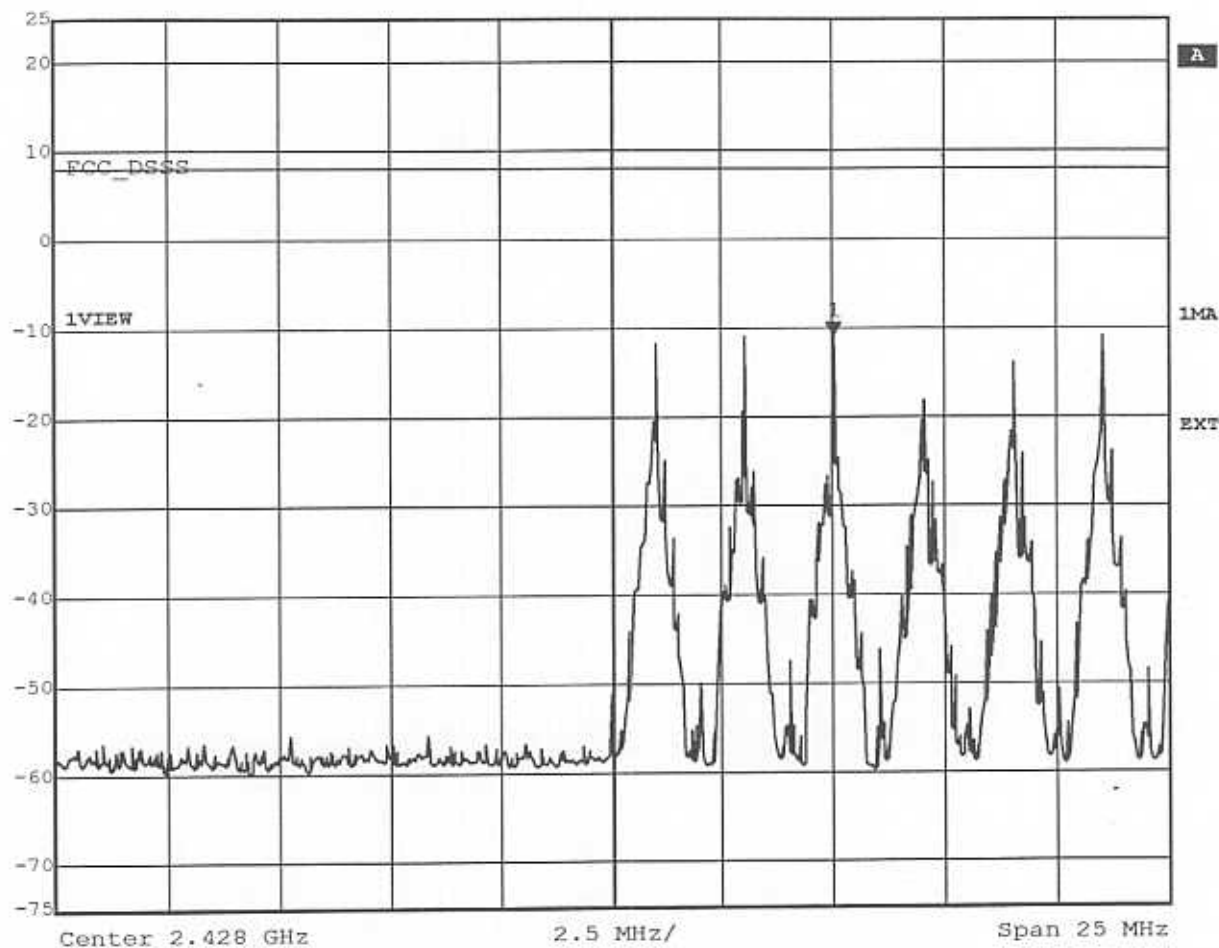
Title: Peak Power Spectral Density (Master Inquiry Mode)
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 23.AUG.2002 11:44:22



Ref Lvl
25 dBm

Marker 1 [T1]
-10.81 dBm
2.43303507 GHz

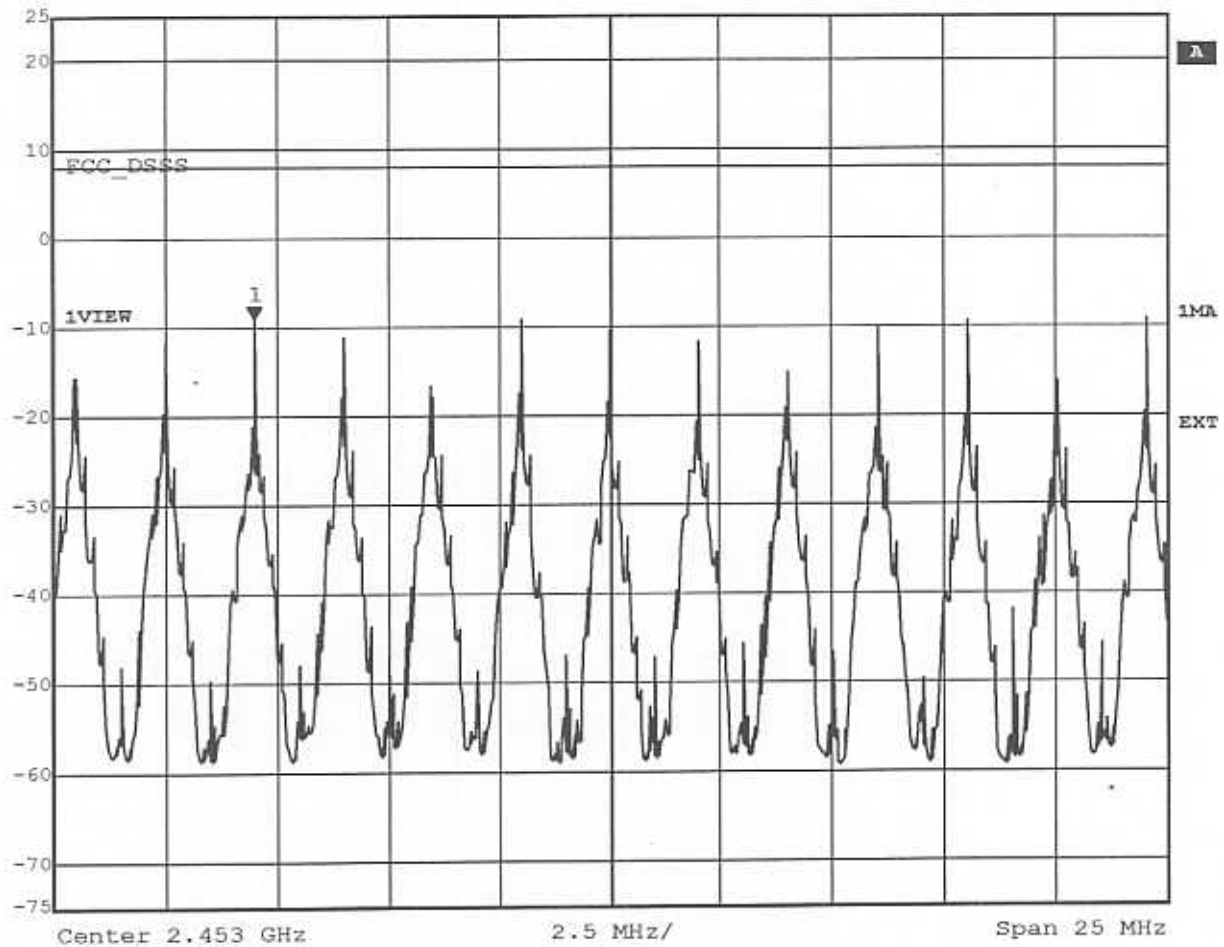
RBW 3 kHz RF Att 50 dB
VBW 3 kHz
SWT 10 s Unit dBm



Title: Peak Power Spectral Density (Master Inquiry Mode)
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 23.AUG.2002 11:42:08



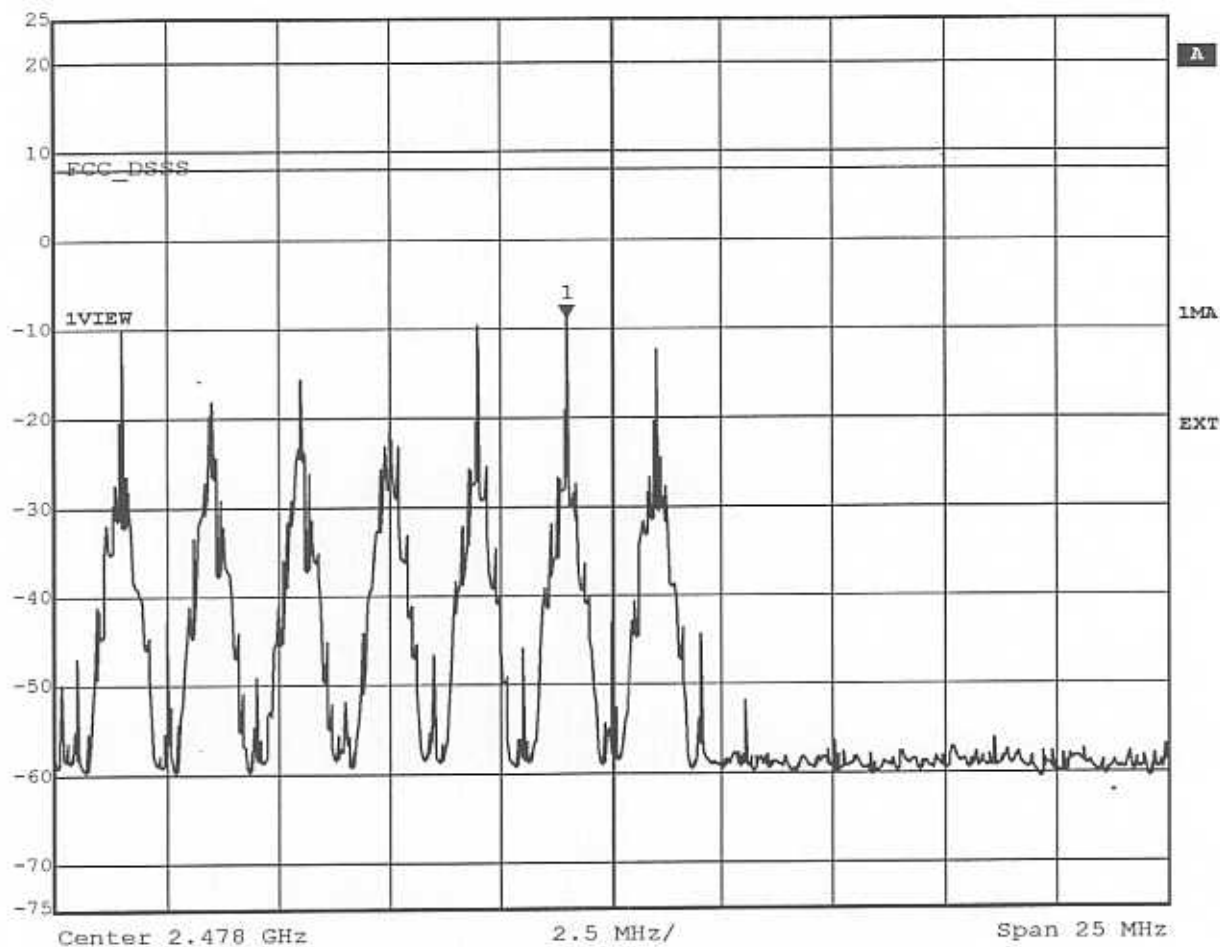
Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl -9.21 dBm VBW 3 kHz
25 dBm 2.44500902 GHz SWT 10 s Unit dBm



Title: Peak Power Spectral Density (Master Inquiry Mode)
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 23.AUG.2002 11:37:56



Marker 1 [T1] RBW 3 kHz RF Att 50 dB
Ref Lvl -8.92 dBm VBW 3 kHz
25 dBm 2.47702305 GHz SWT 10 s Unit dBm



Title: Peak Power Spectral Density (Master Inquiry Mode)
Comment A: GN Netcom A/S
Jabra FreeSpeak Bluetooth Wireless Headset BT200
Date: 23.AUG.2002 11:40:09