

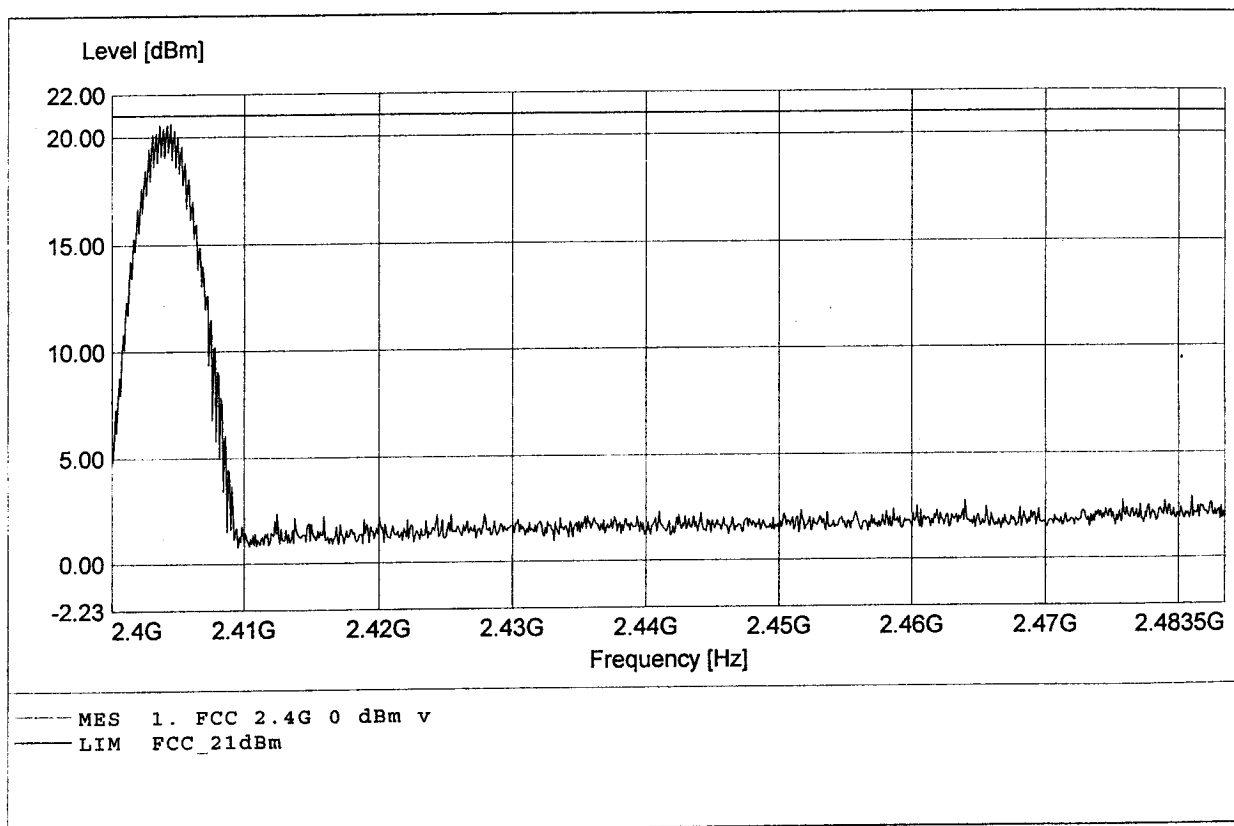
Appendix B

Peak Output Power

Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

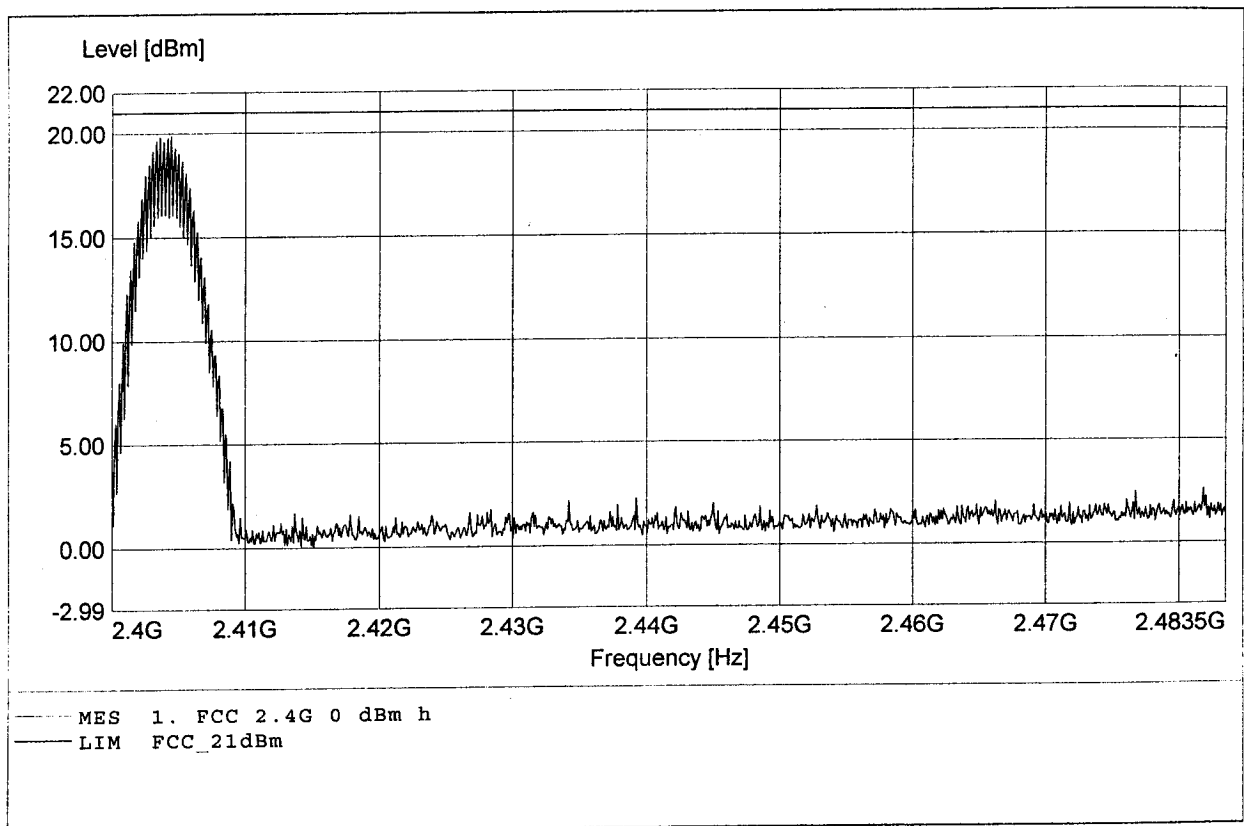
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2404,45MHz Pmax:20,64dBm RBW:4MHz



Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

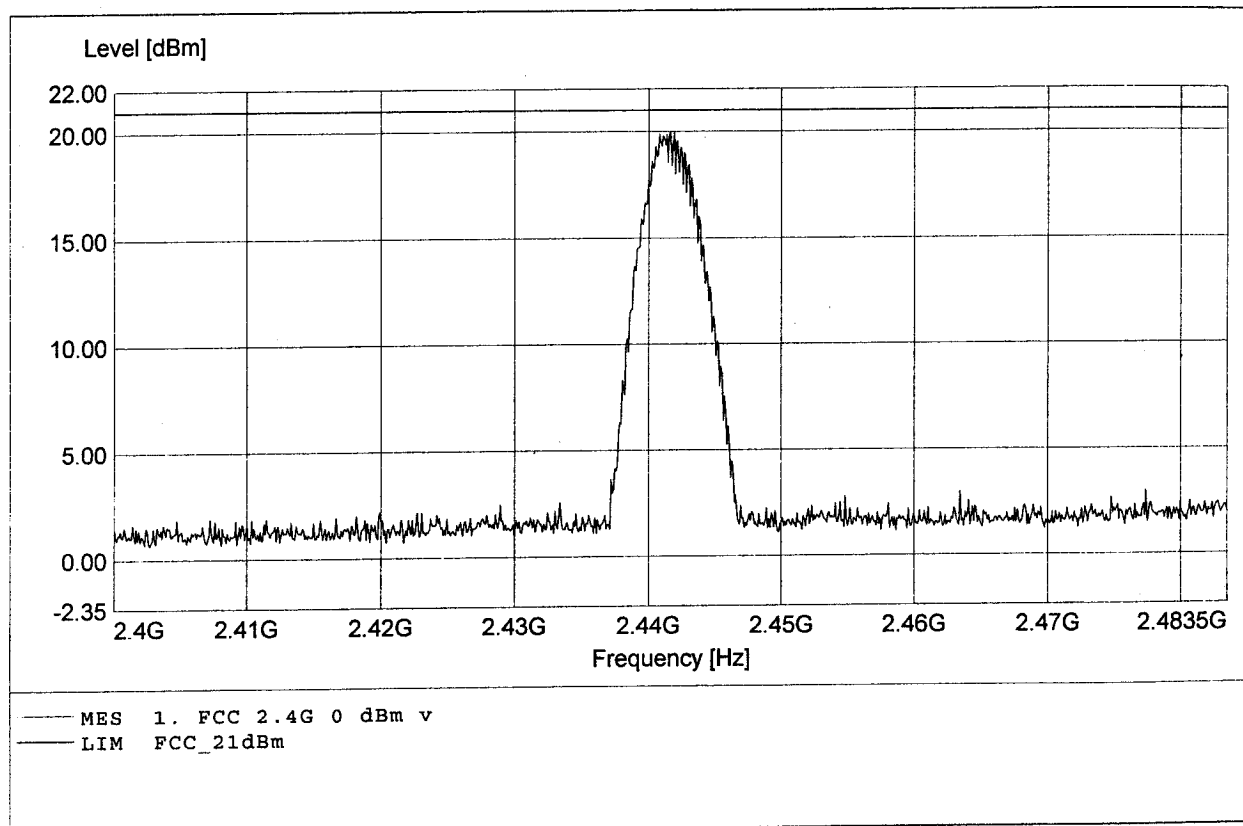
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2404,45MHz Pmax:19,87dBm RBW:4MHz



Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

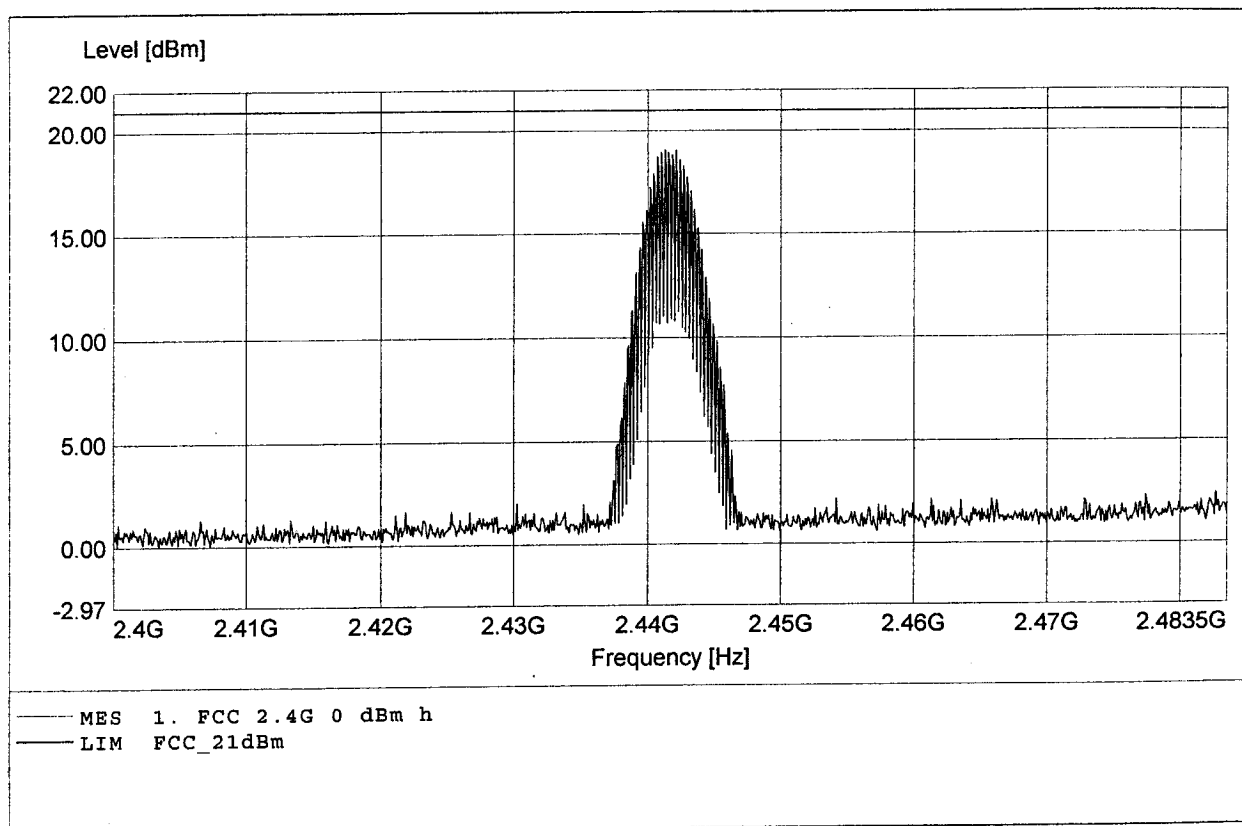
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2441,65MHz Pmax:20,01dBm RBW:4MHz



Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

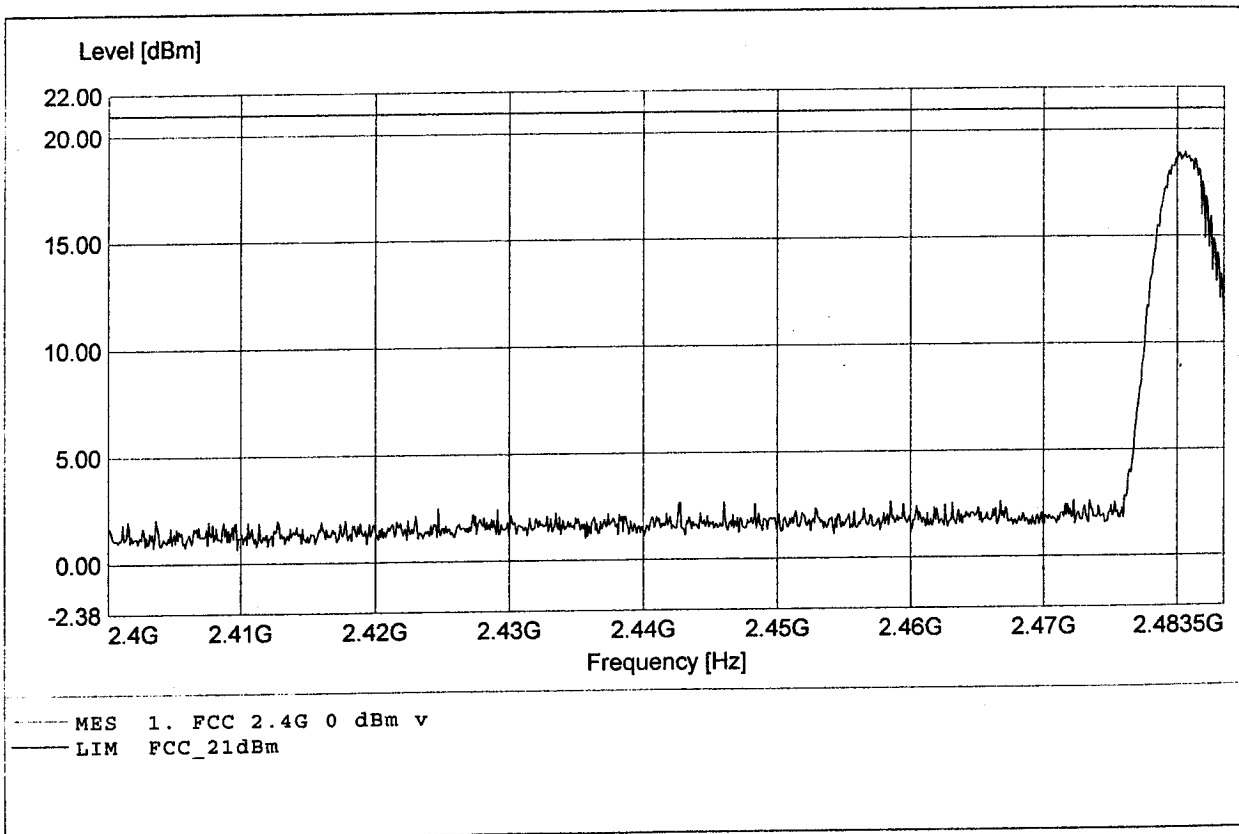
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2441,28MHz Pmax:19,06dBm RBW:4MHz



Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

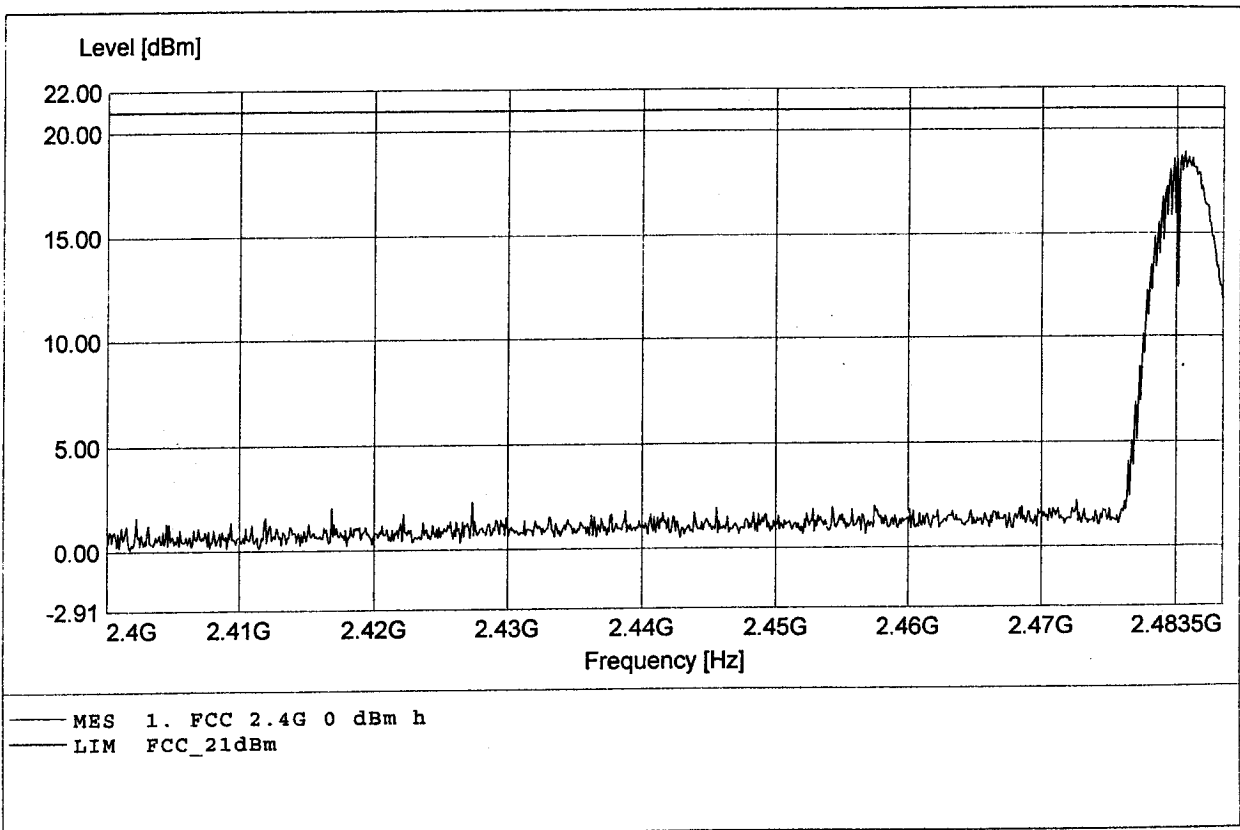
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2466,70MHz Pmax:2,15dBm RBW:4MHz



Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2466,70MHz Pmax:2,15dBm RBW:4MHz



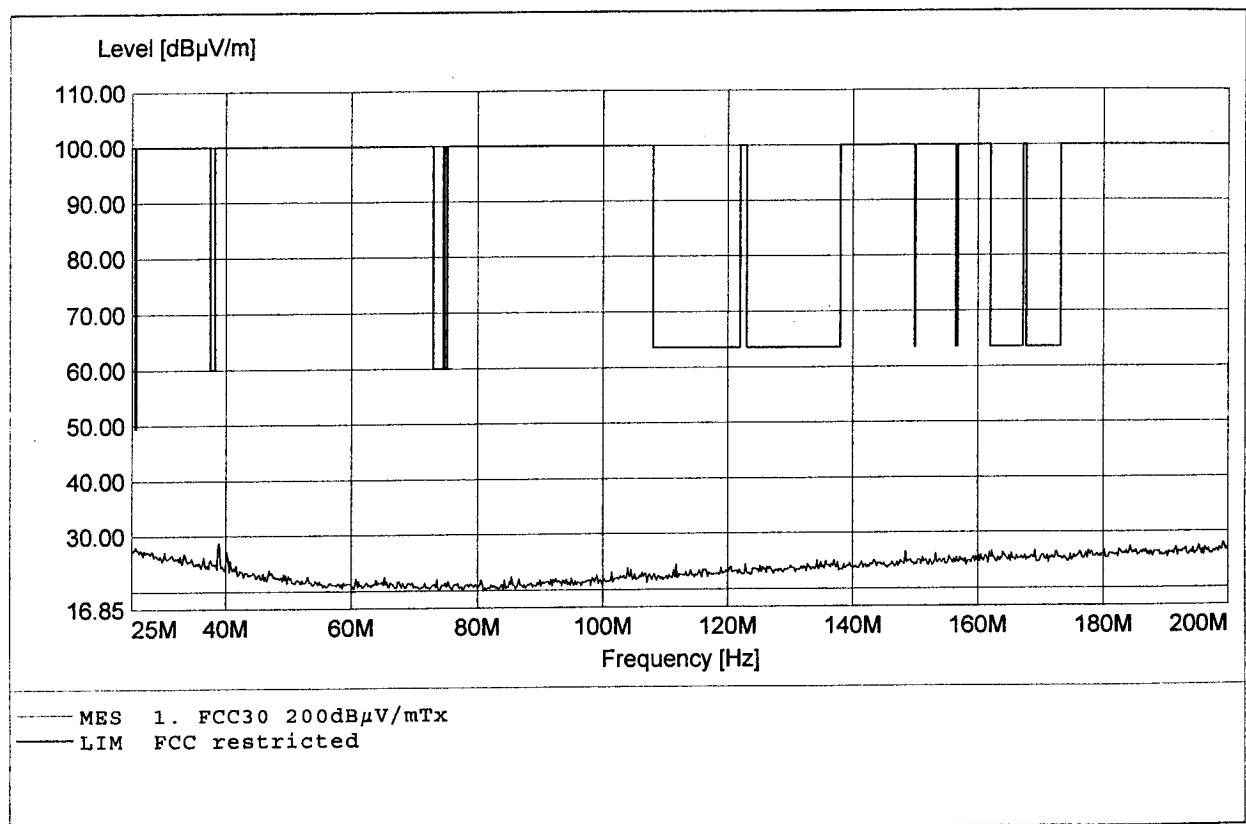
Appendix C

Spurious Emissions radiated - Transmitter operating

Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

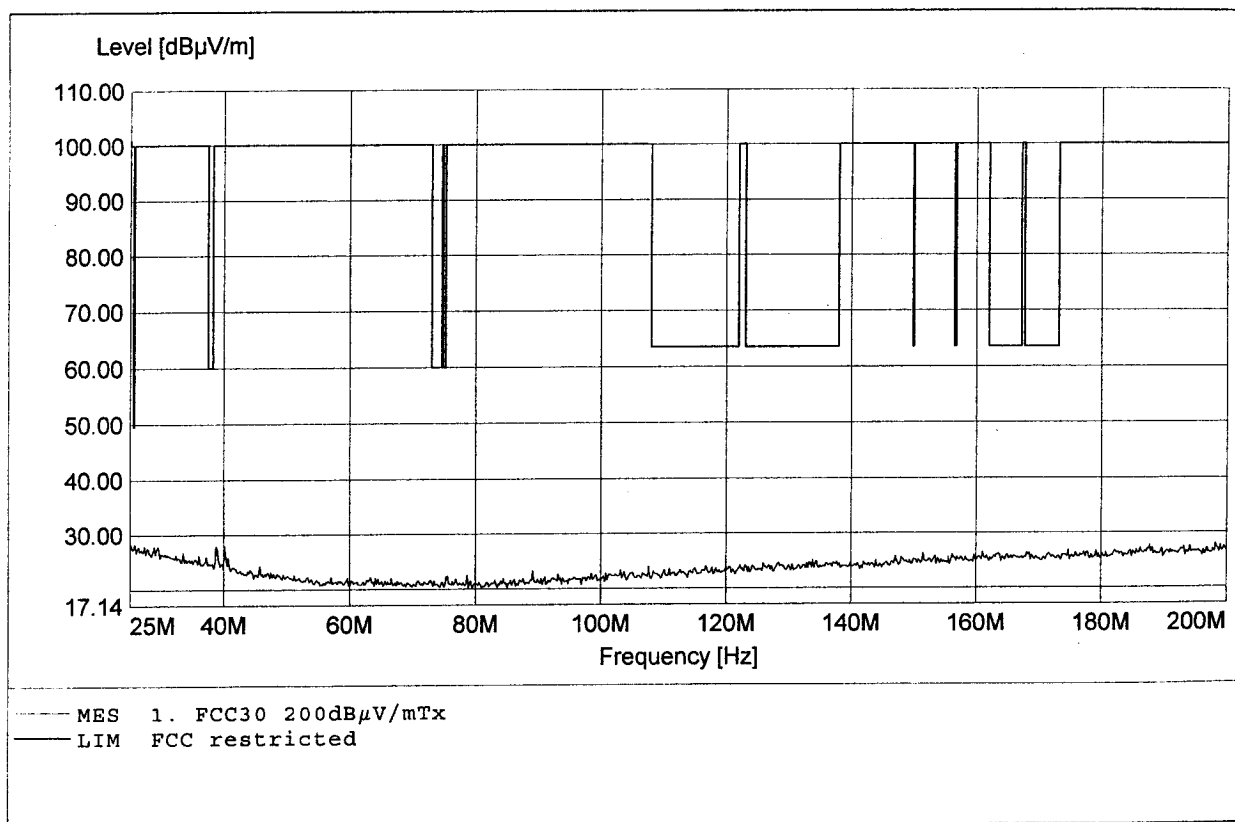
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:39,00MHz Pmax:28,81dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

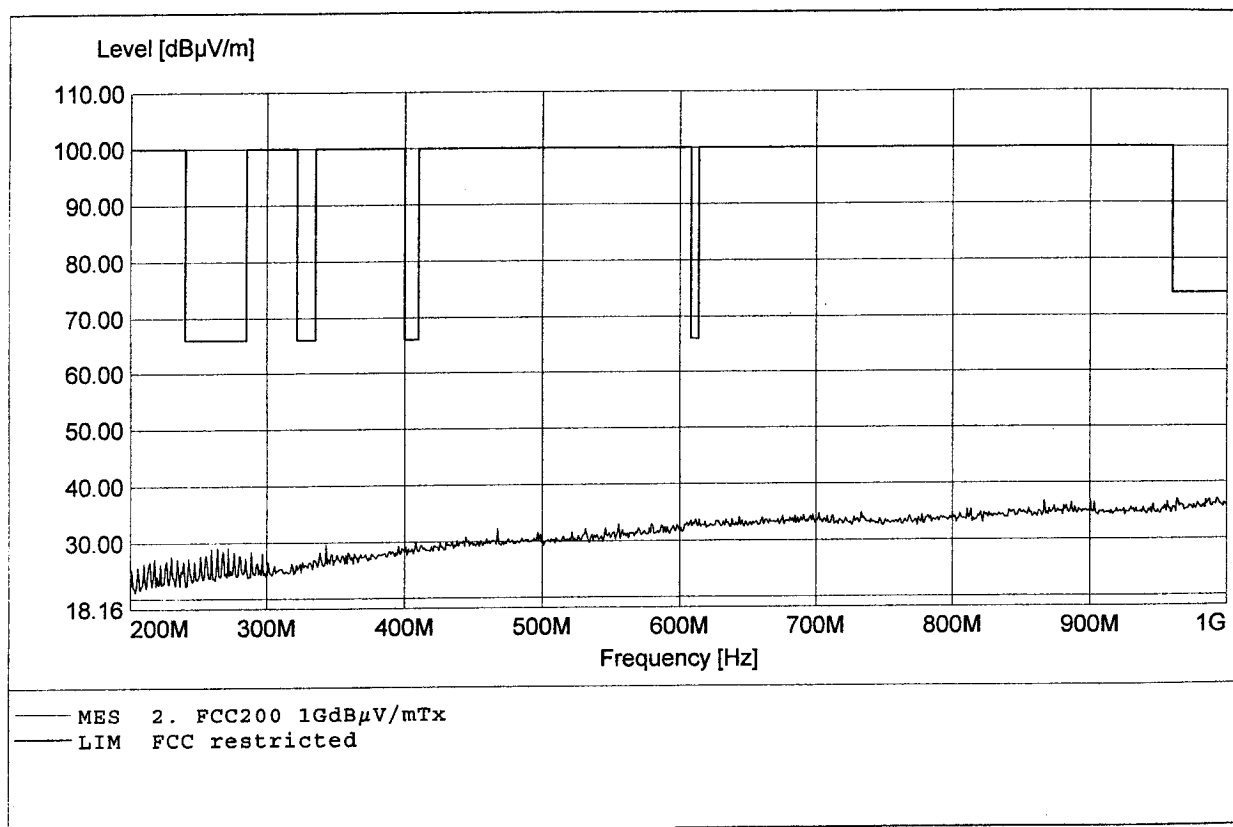
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:25,00MHz Pmax:28,45dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

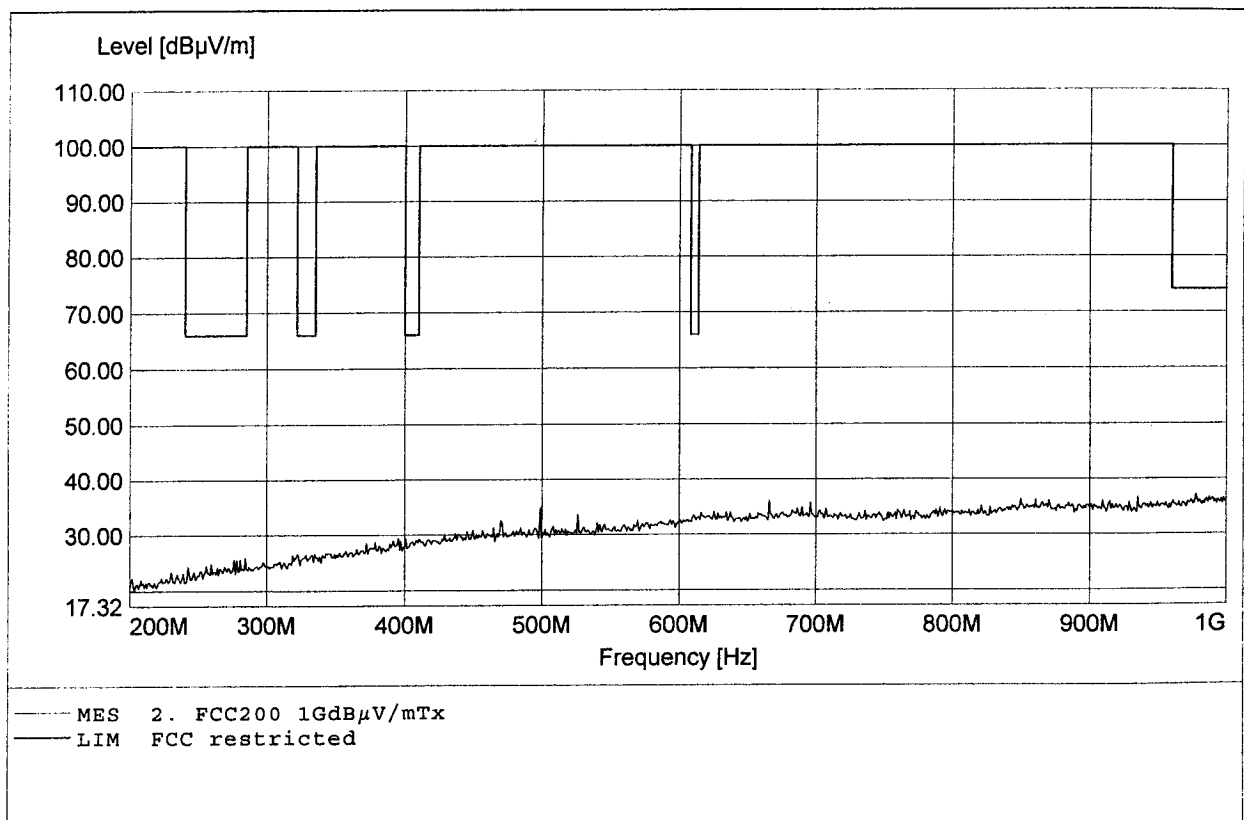
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:992,05MHz Pmax:37,5dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

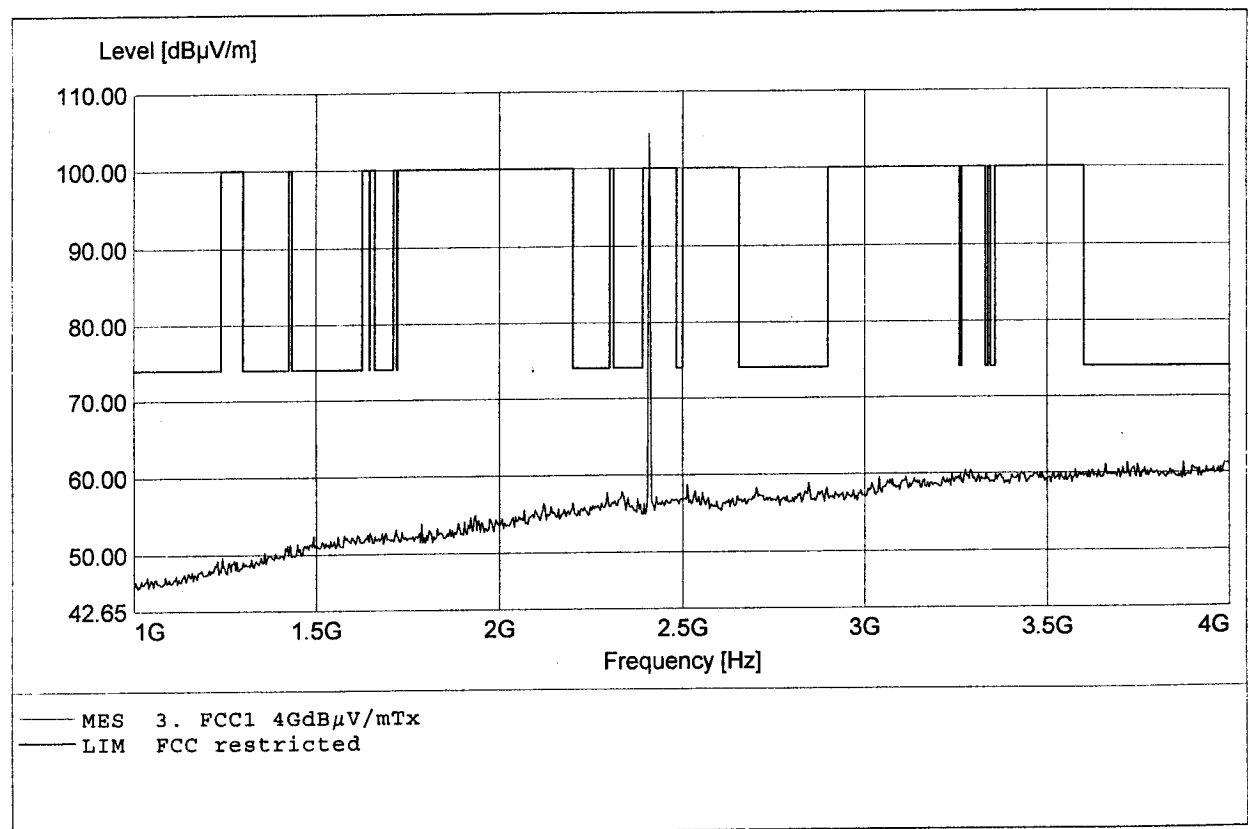
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:977,08MHz Pmax:37,8dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

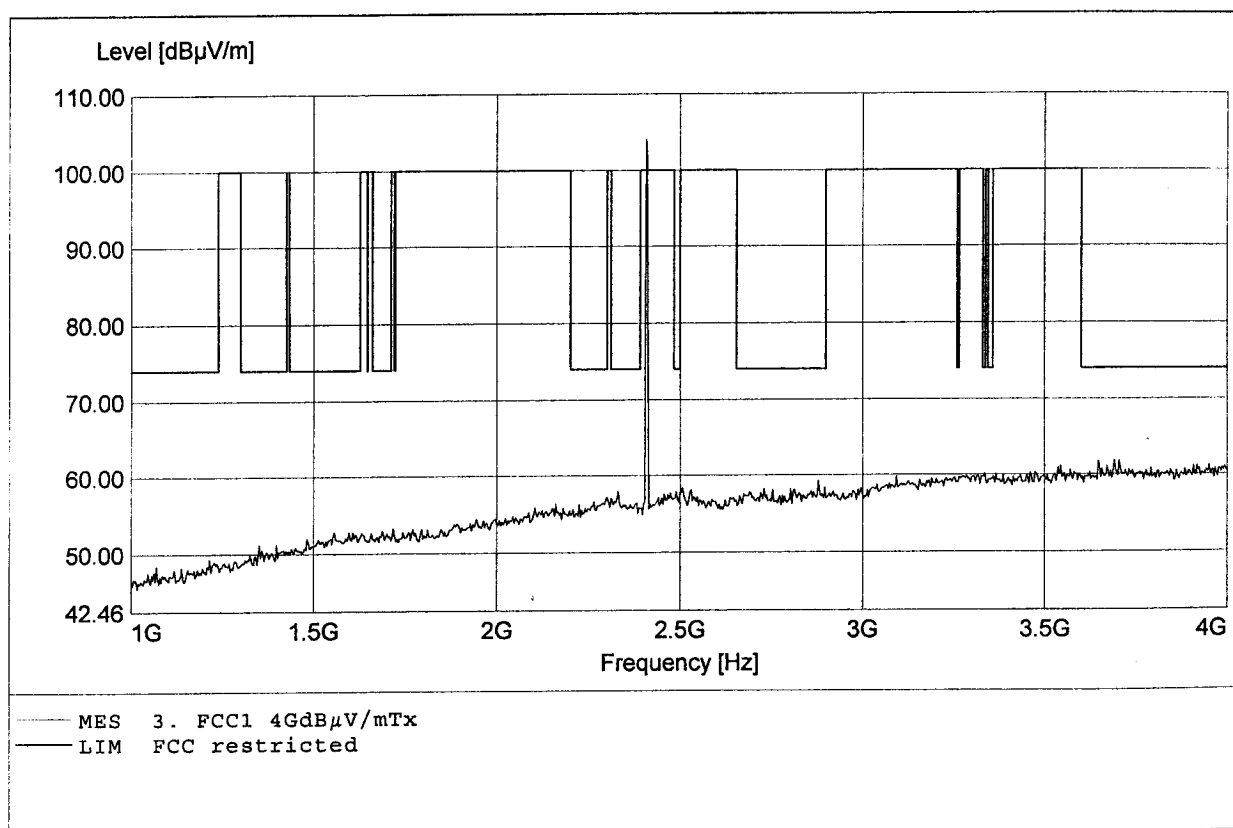
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2406,66MHz Pmax:104,53dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

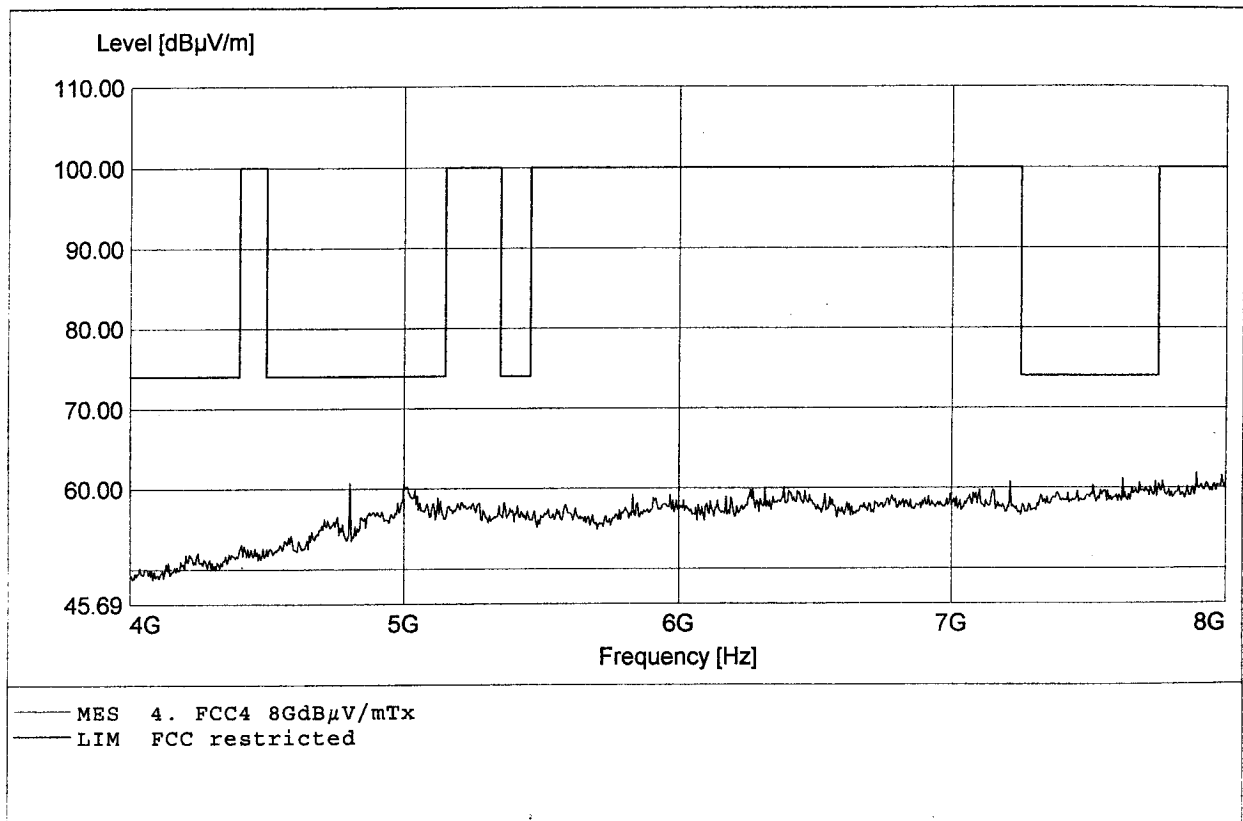
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2406,66MHz Pmax:104,17dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

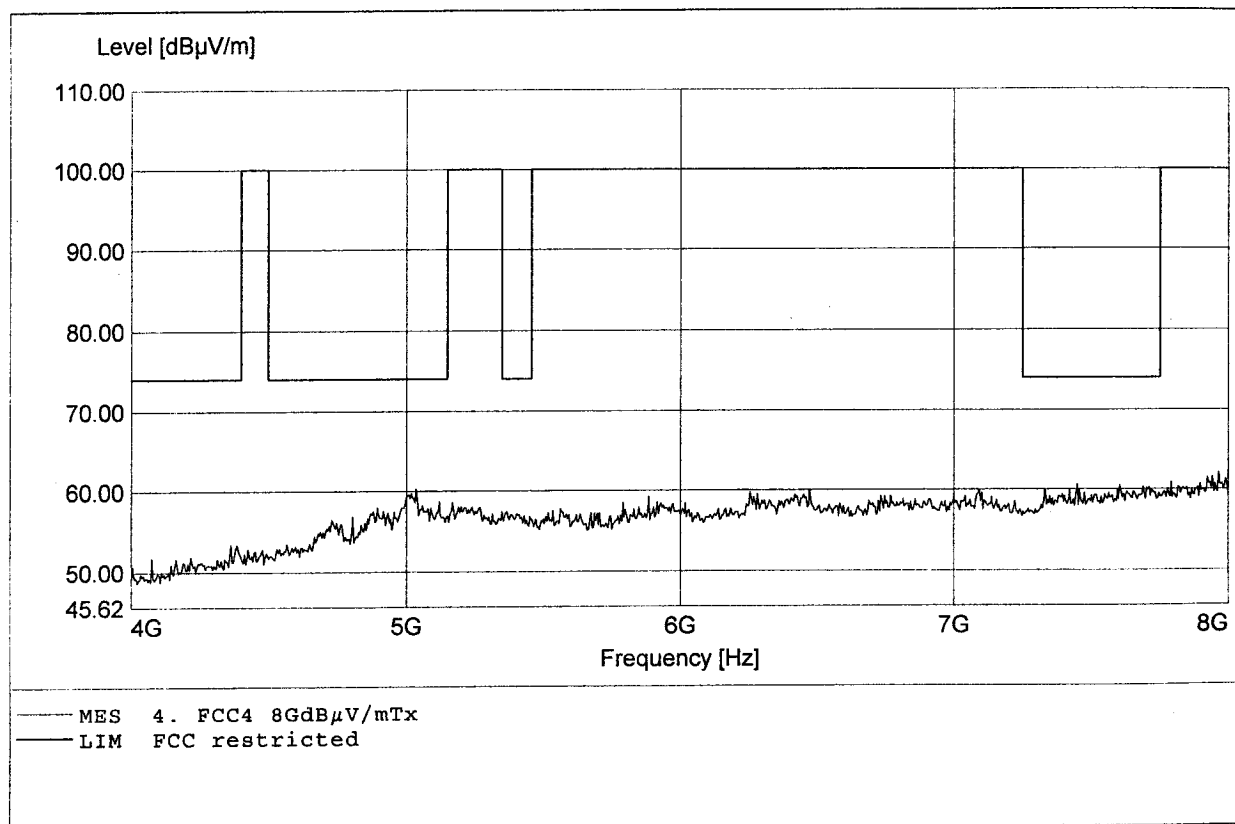
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:7893,33MHz Pmax:61,83dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

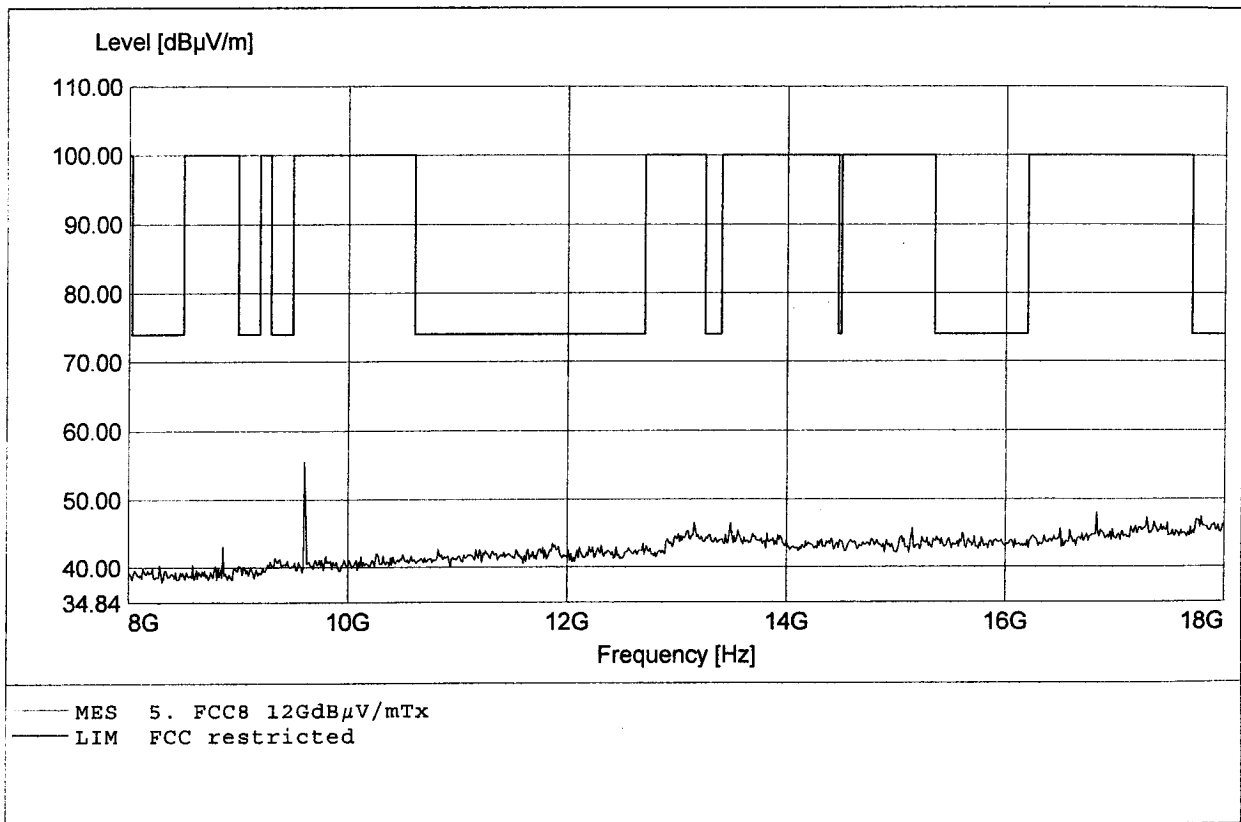
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:7964,06MHz Pmax:62,6dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

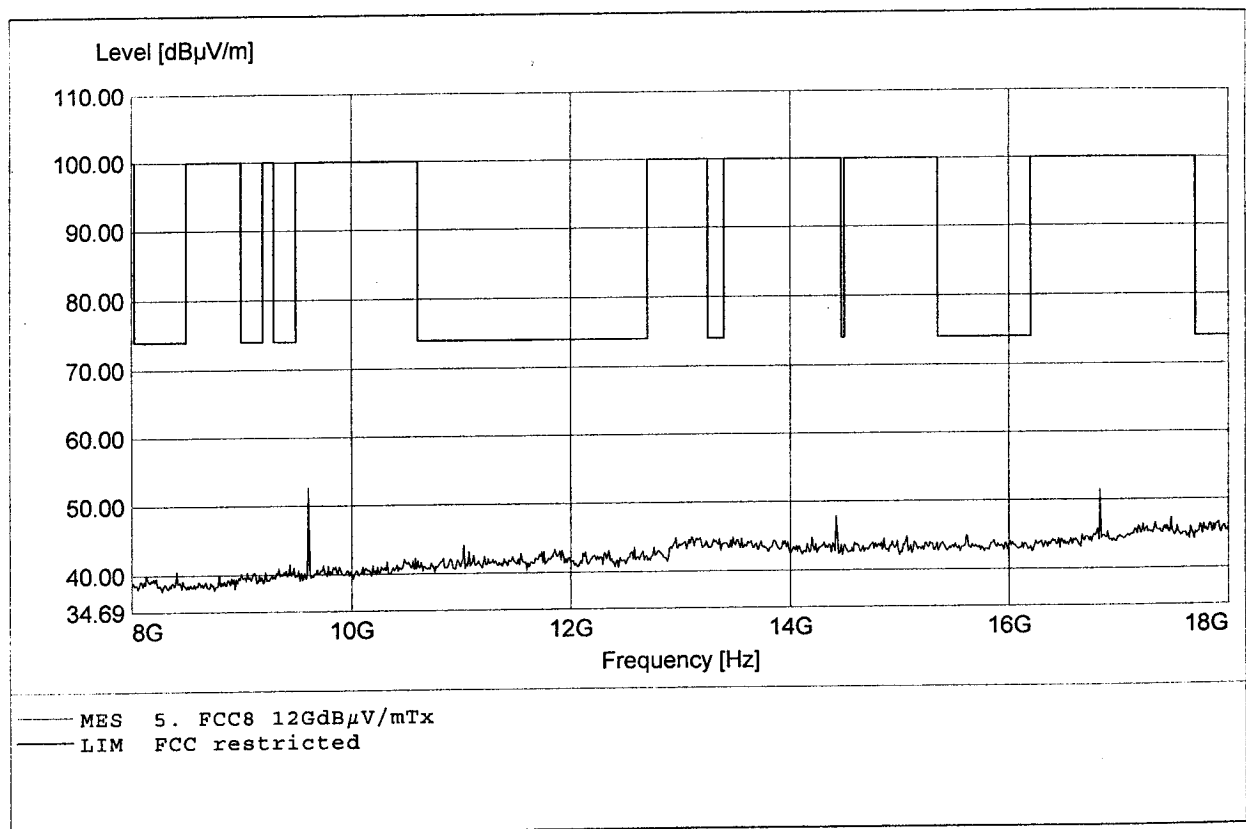
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:9611,11MHz Pmax:55,58dB μ V/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

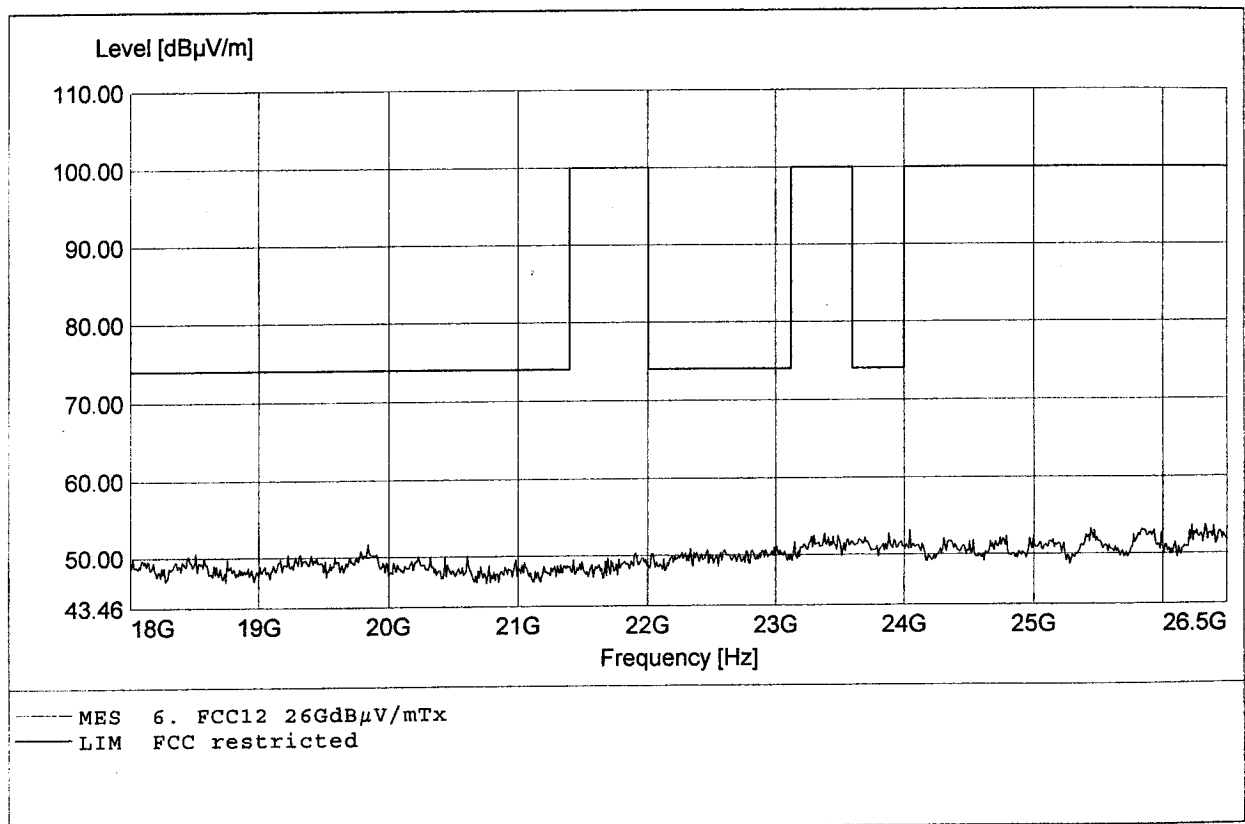
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:9611,11MHz Pmax:52,73dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

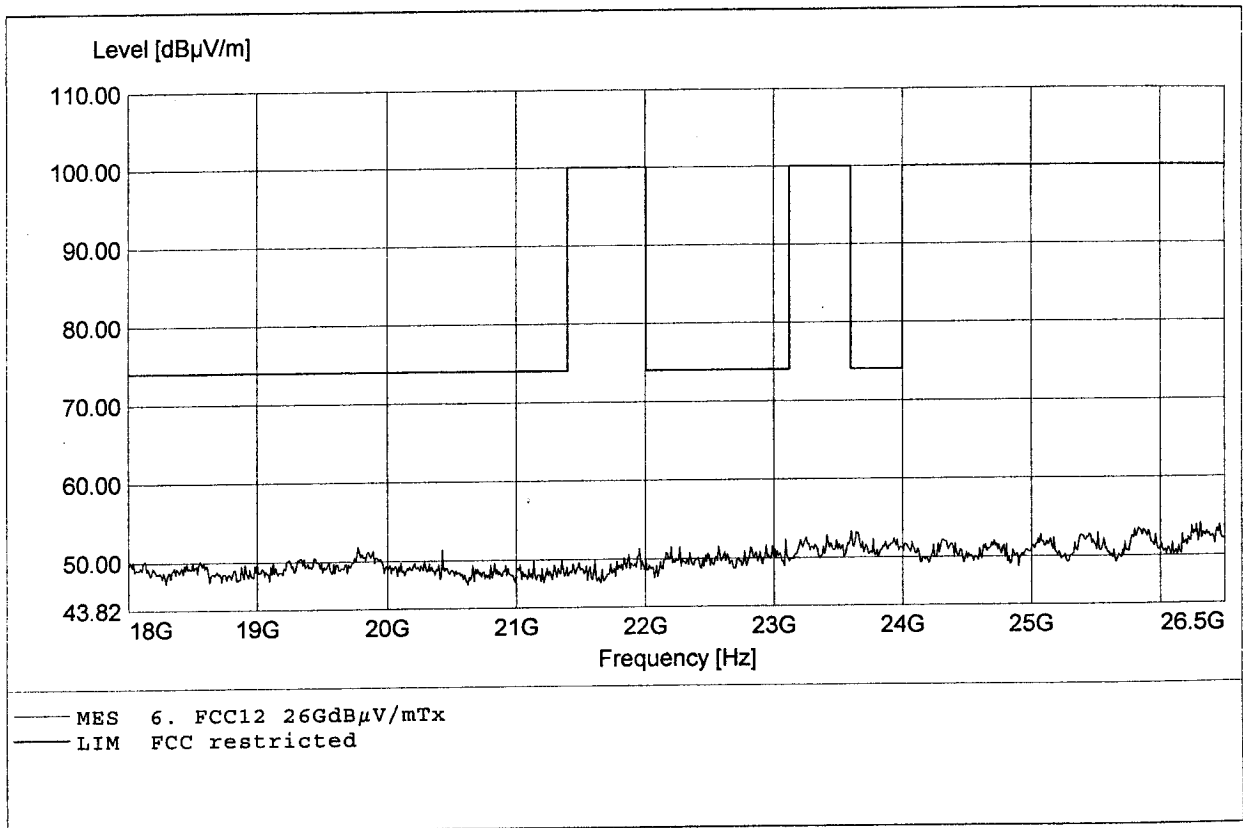
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:26329,99MHz Pmax:53,70dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:0)
Applicant: Höft & Wessel AG

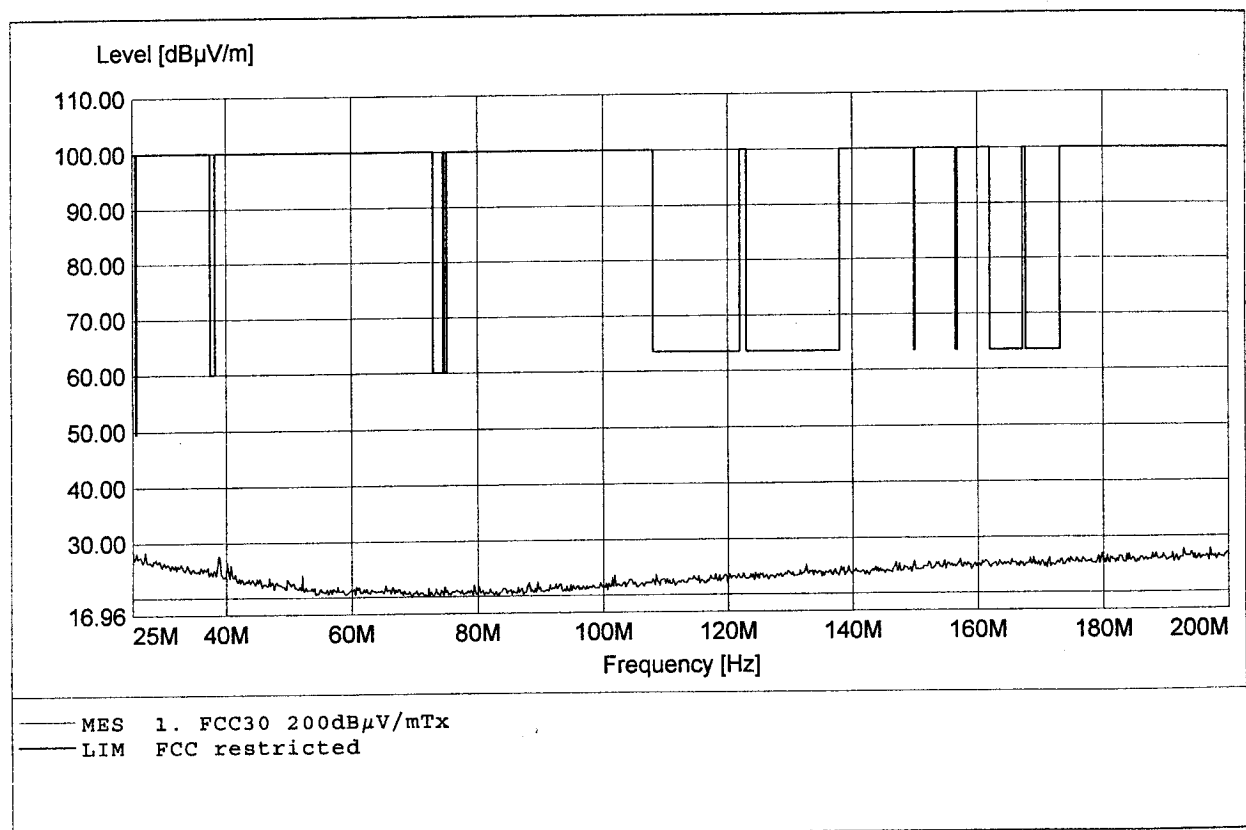
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:26311,08MHz Pmax:54,8dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

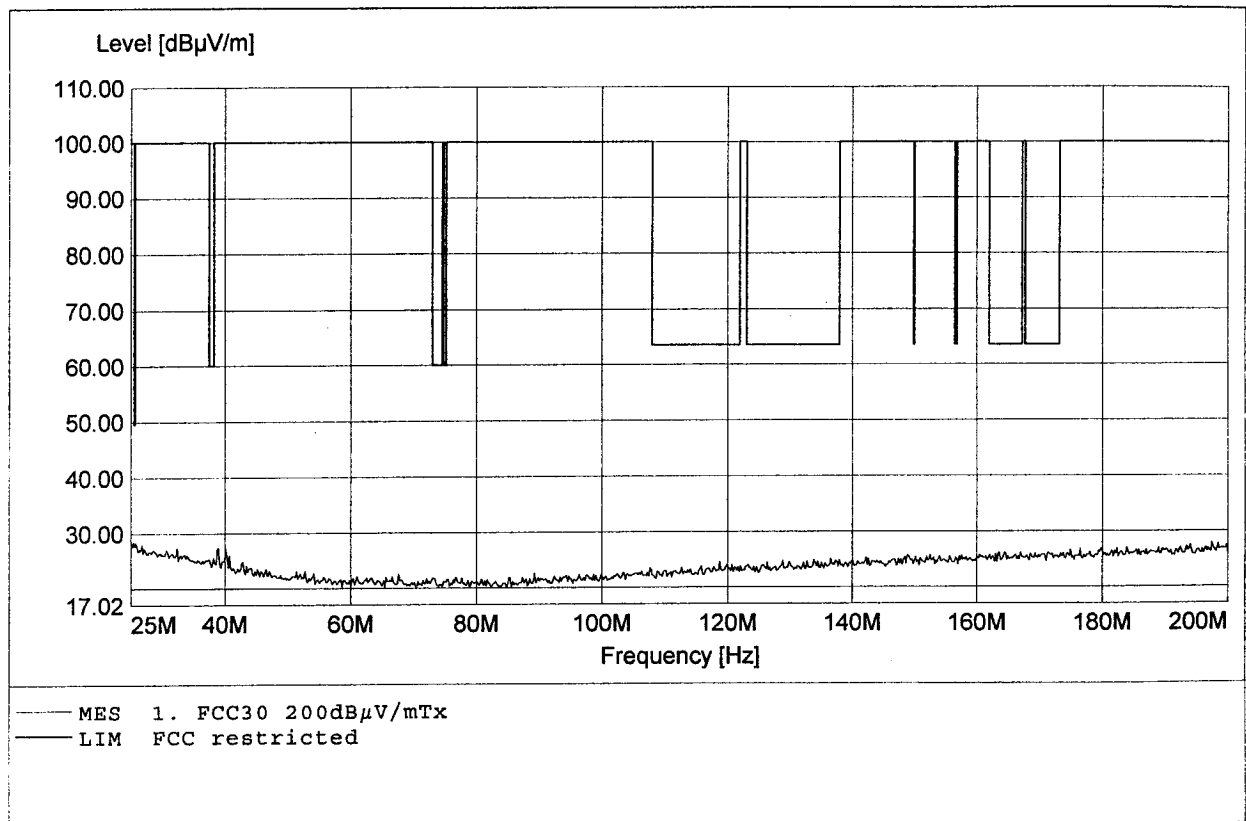
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:25,00MHz Pmax:28,55dB μ V/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

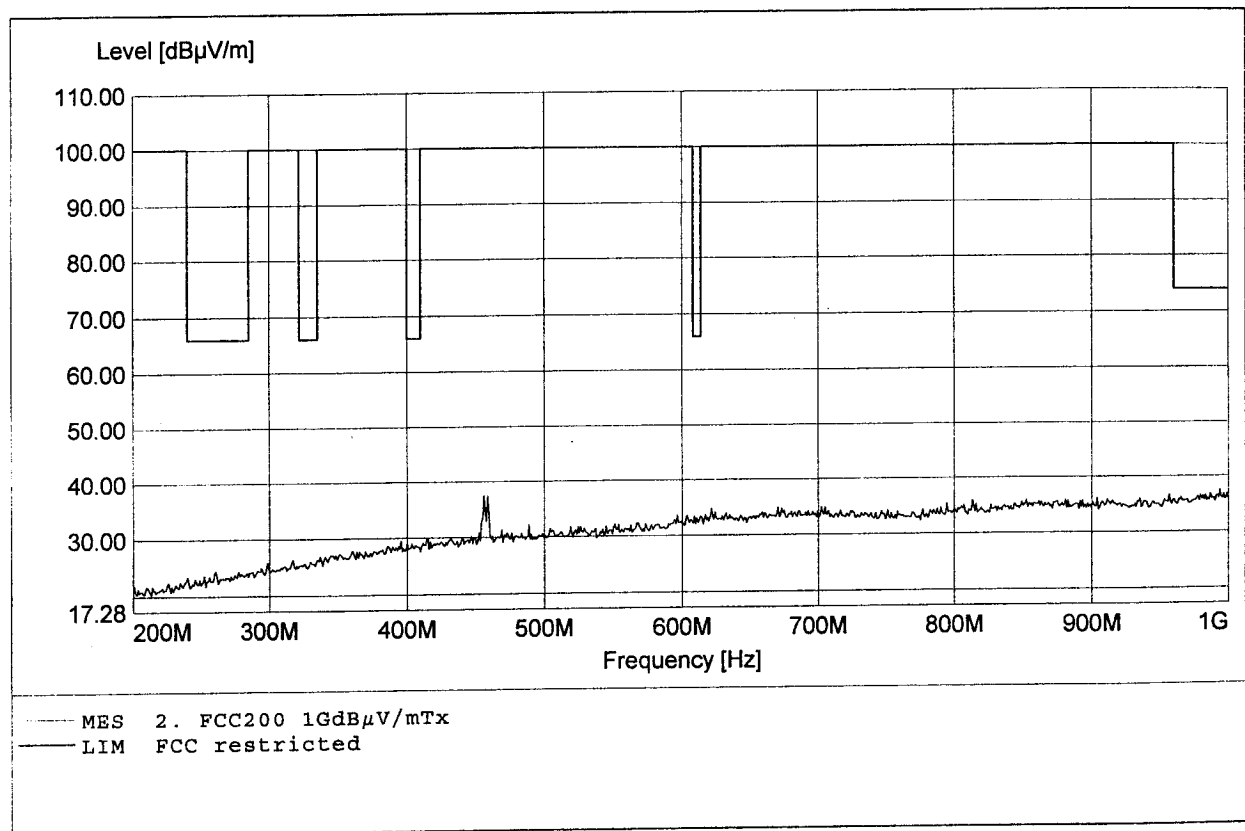
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:25,00MHz Pmax:28,55dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

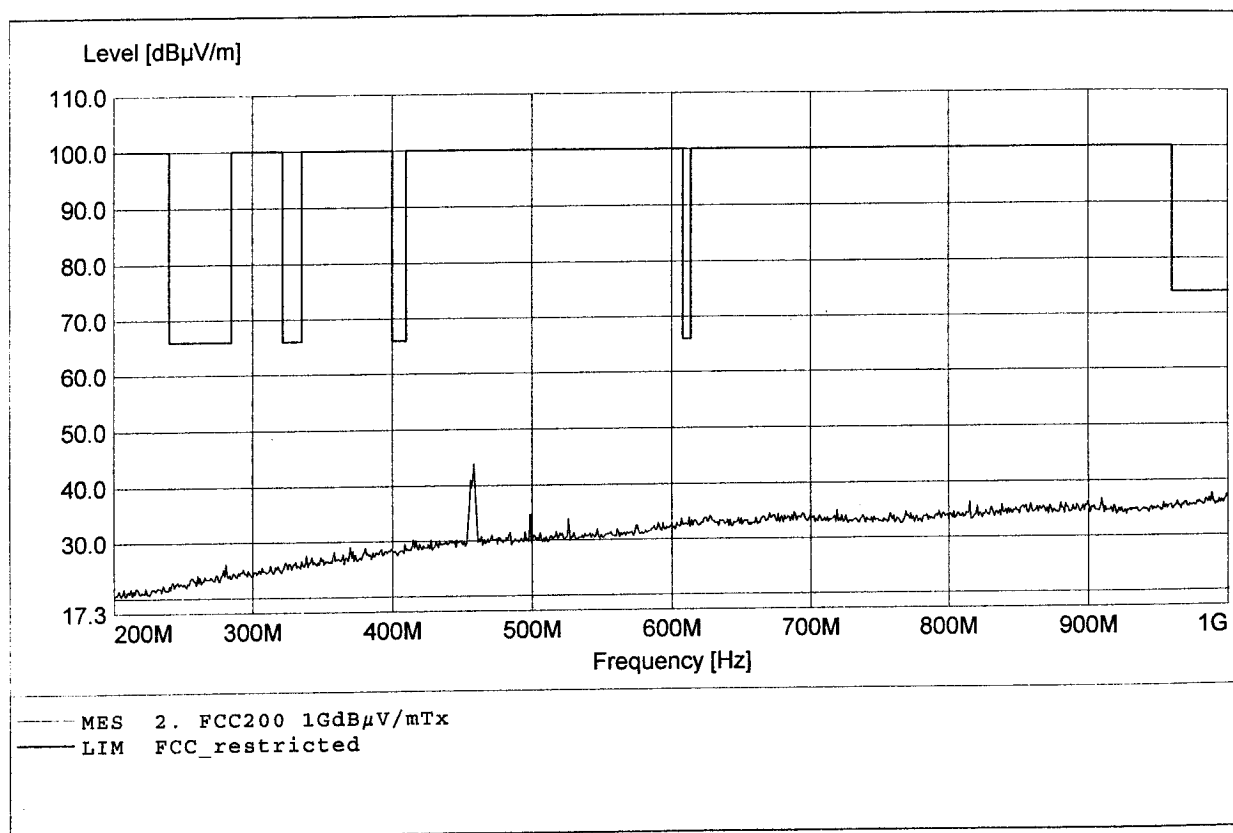
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:456,00MHz Pmax:37,47dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

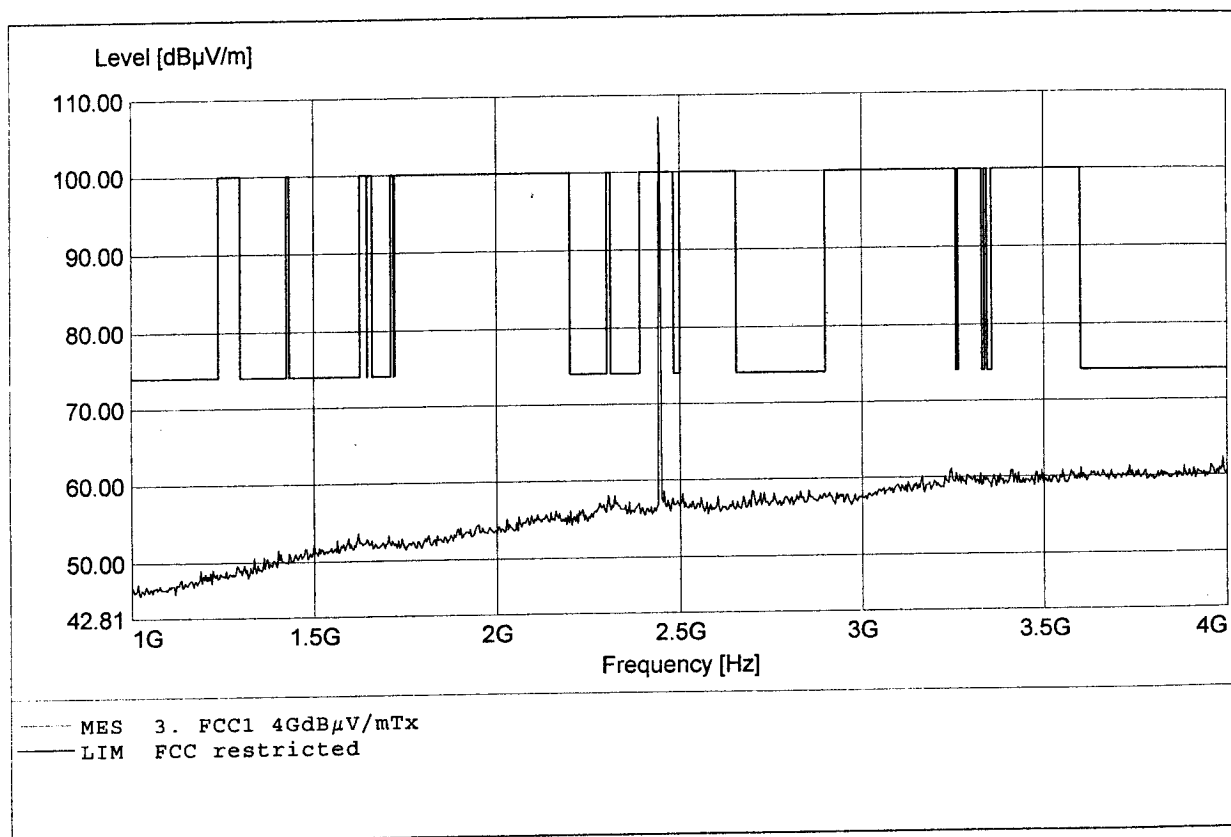
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:458,66MHz Pmax:43,78dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

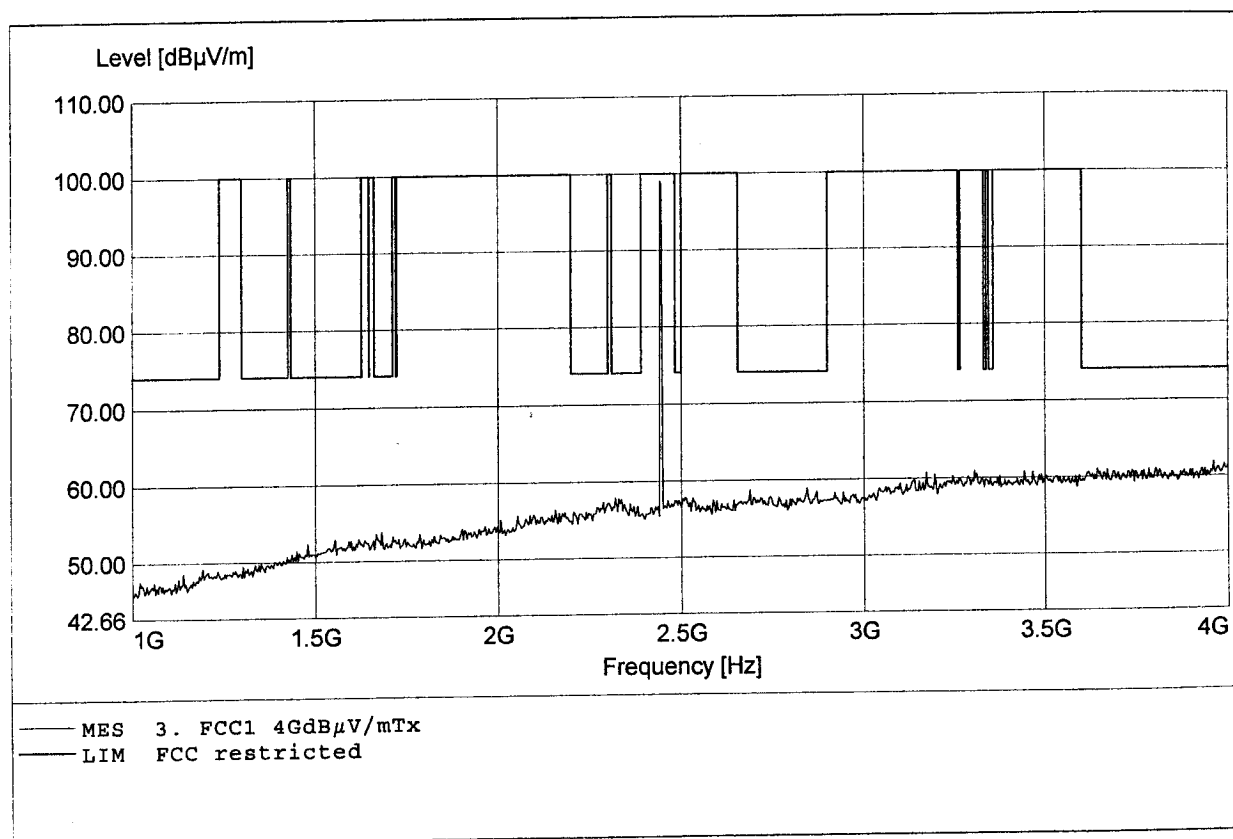
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2443,33MHz Pmax:107,26dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

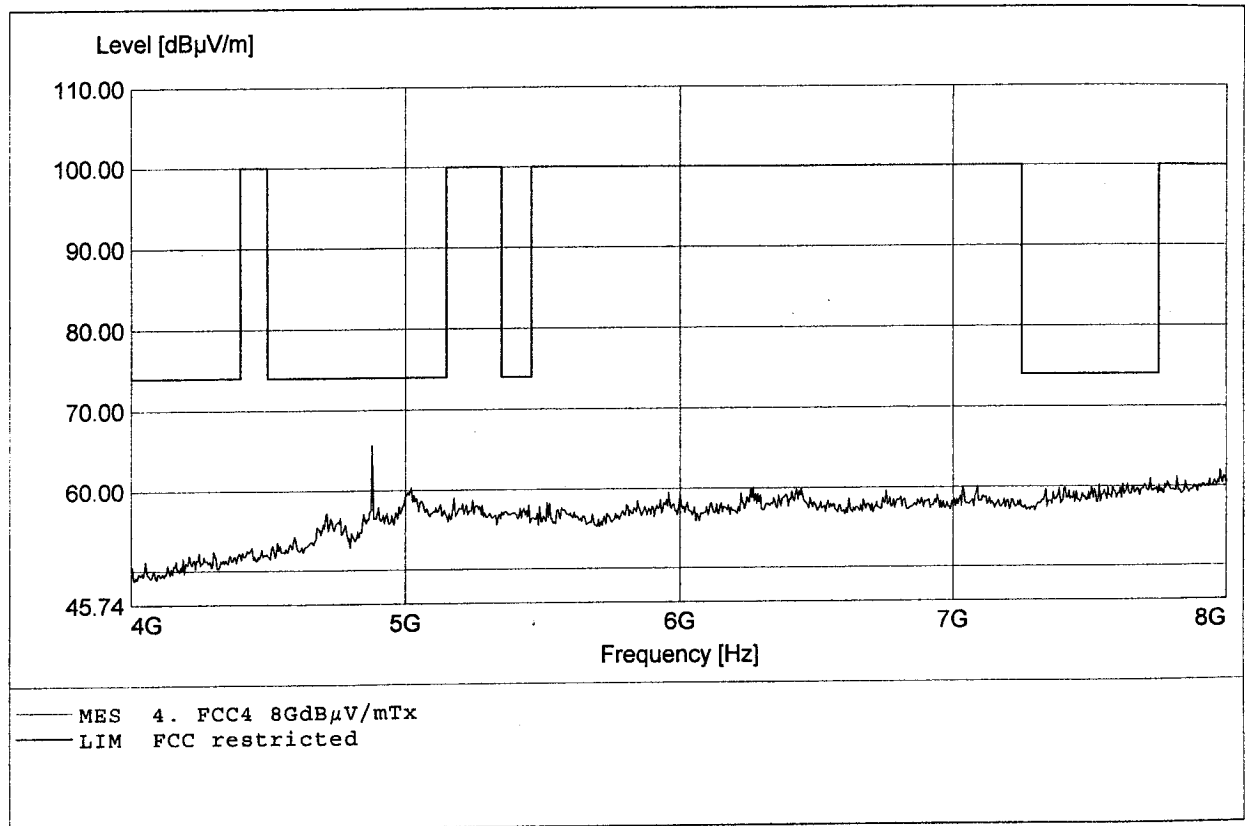
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2443,33MHz Pmax:99,14dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

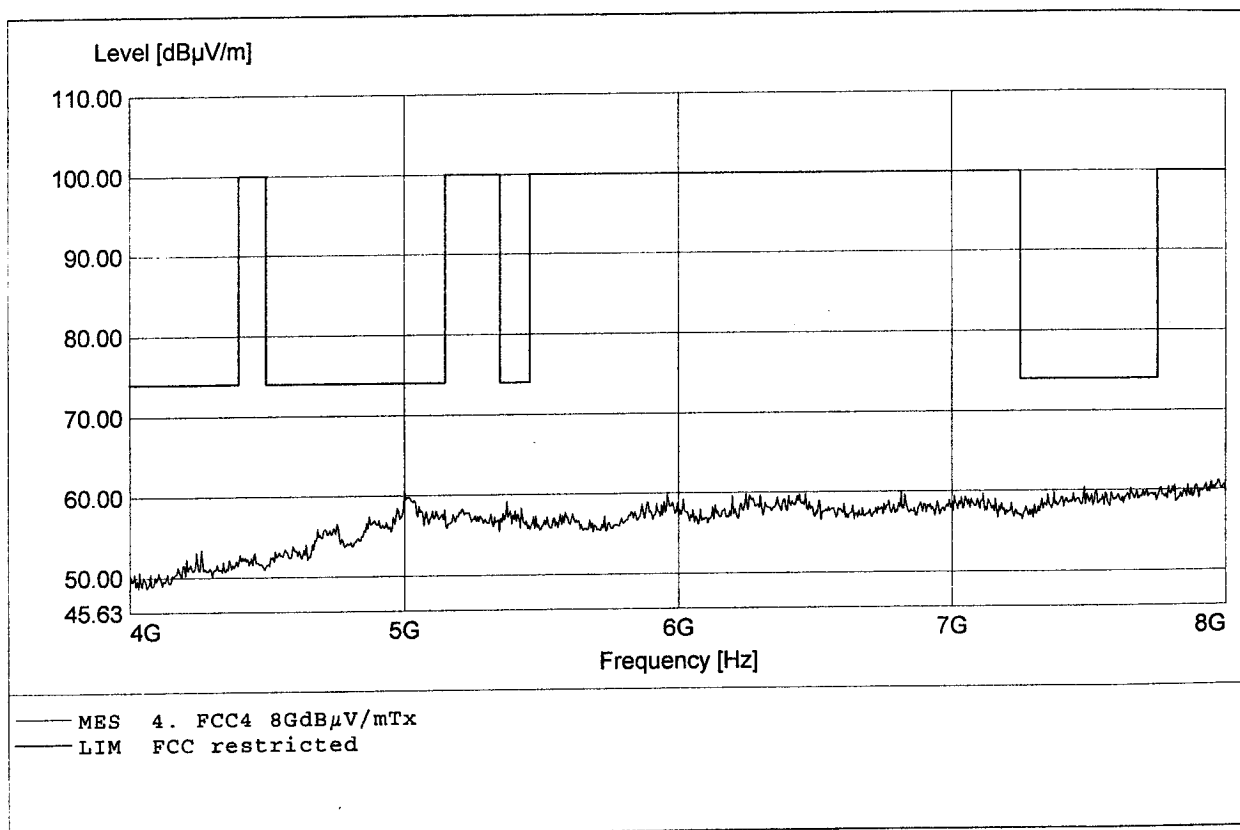
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:4880,00MHz Pmax:65,67dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

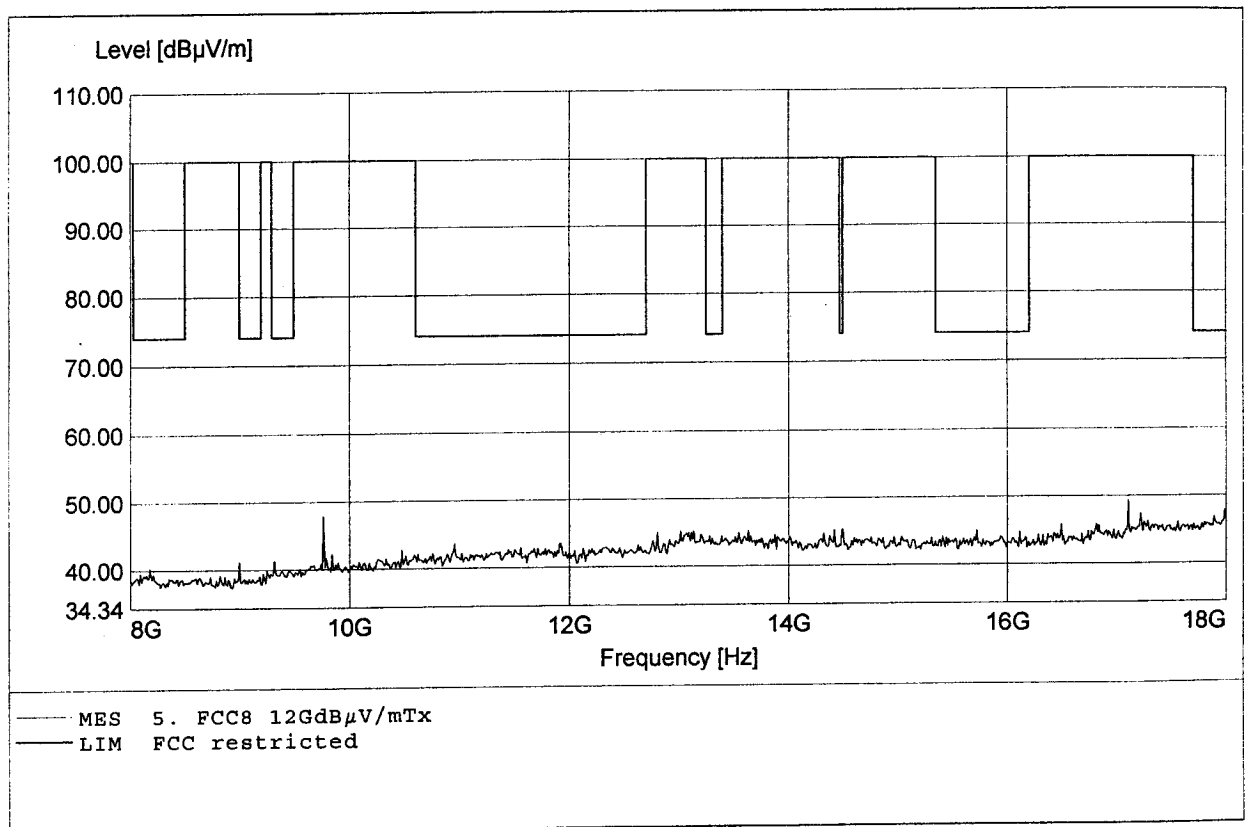
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:7973,33MHz Pmax:61,18dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

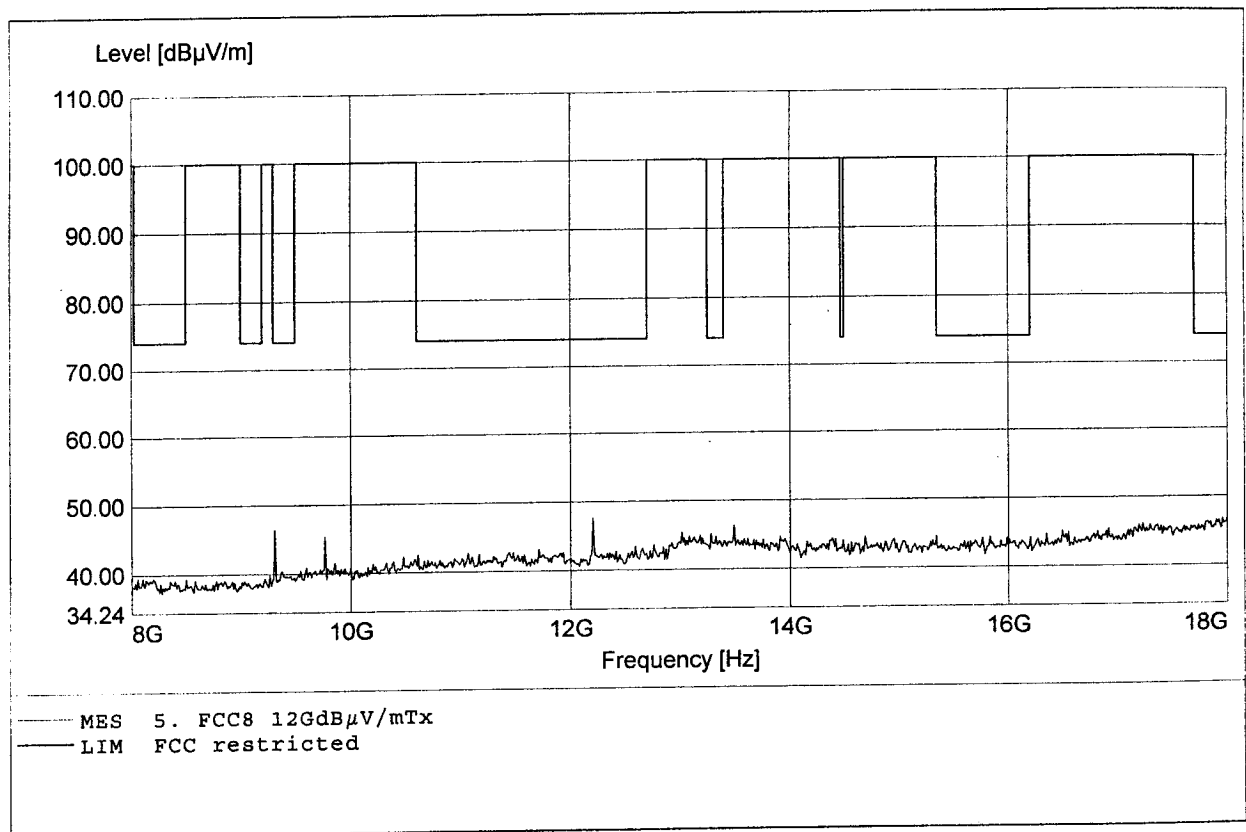
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:17099,99MHz Pmax:49,36dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

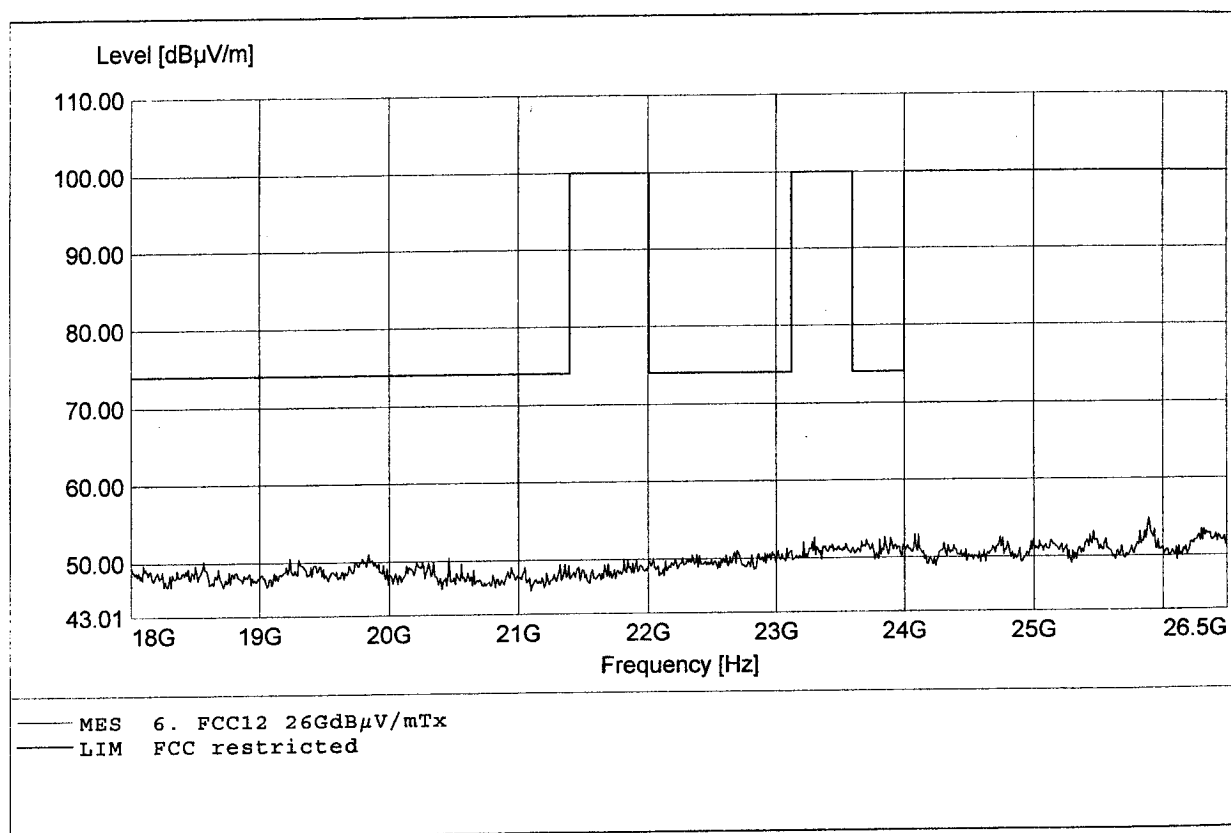
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:12199,99MHz Pmax:47,63dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

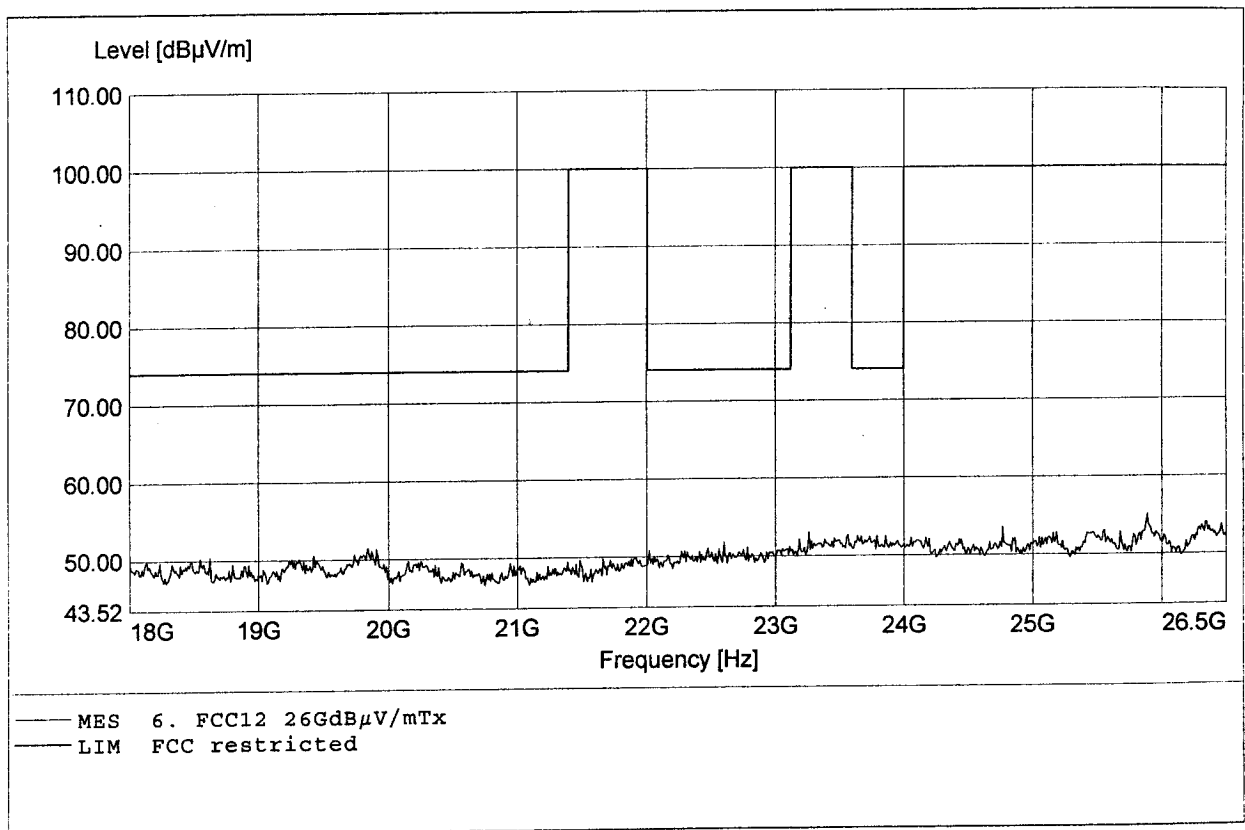
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:25886,11MHz Pmax:54,90dBµV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:23)
Applicant: Höft & Wessel AG

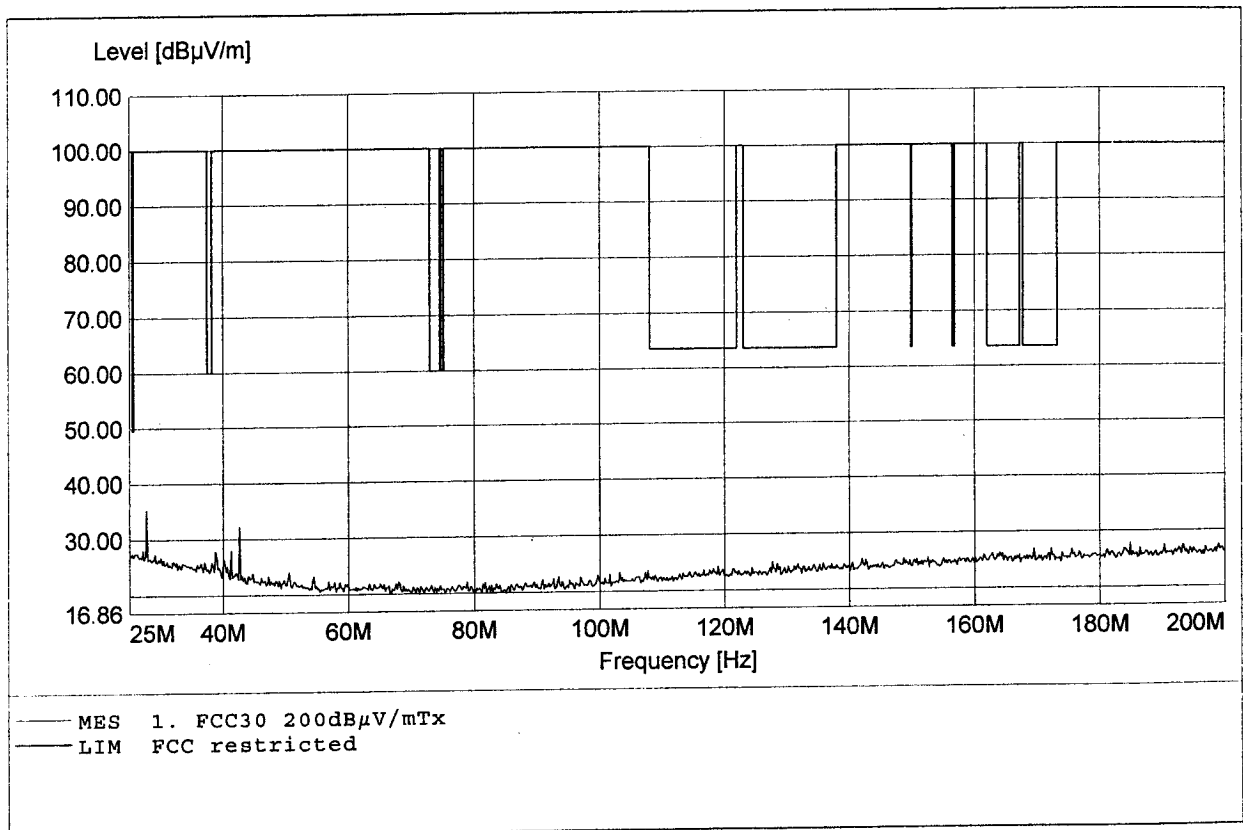
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:25886,11MHz Pmax:55,21dBµV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

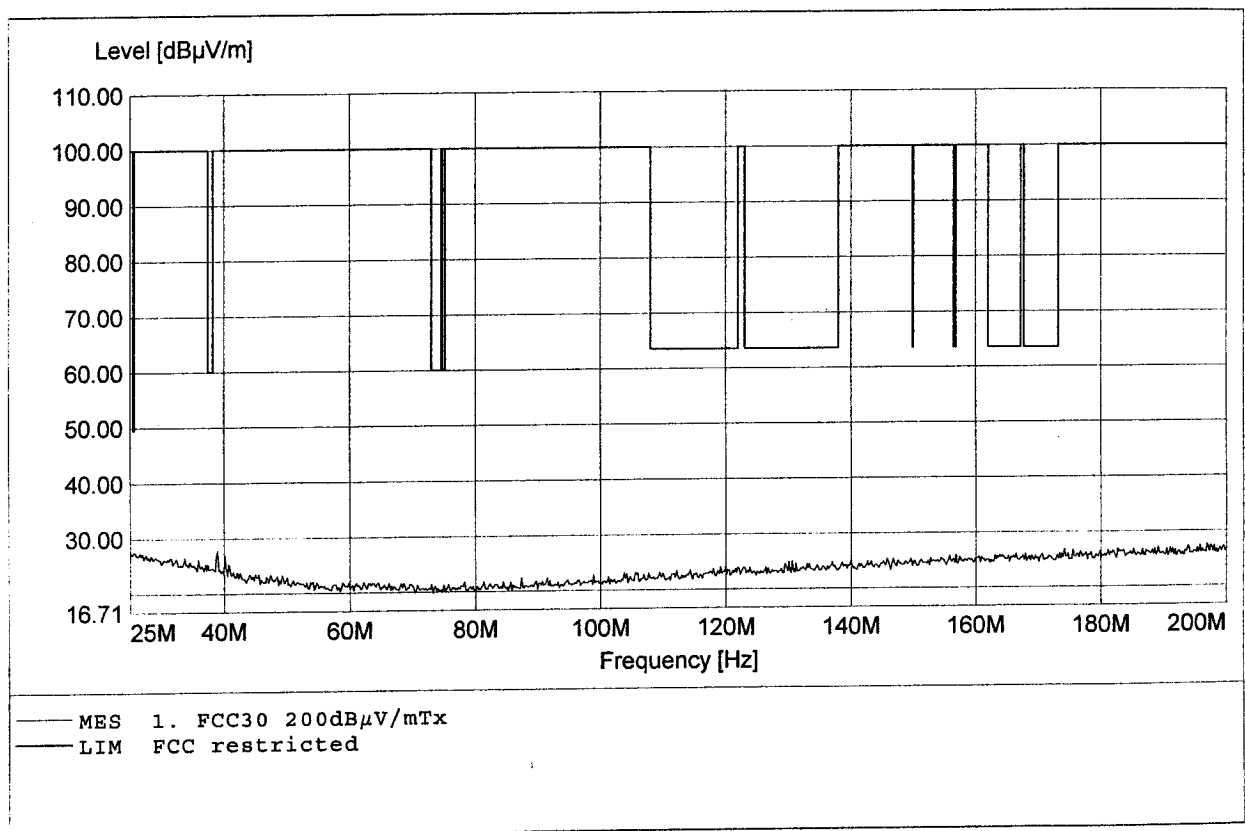
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:27,72MHz Pmax:35,33dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

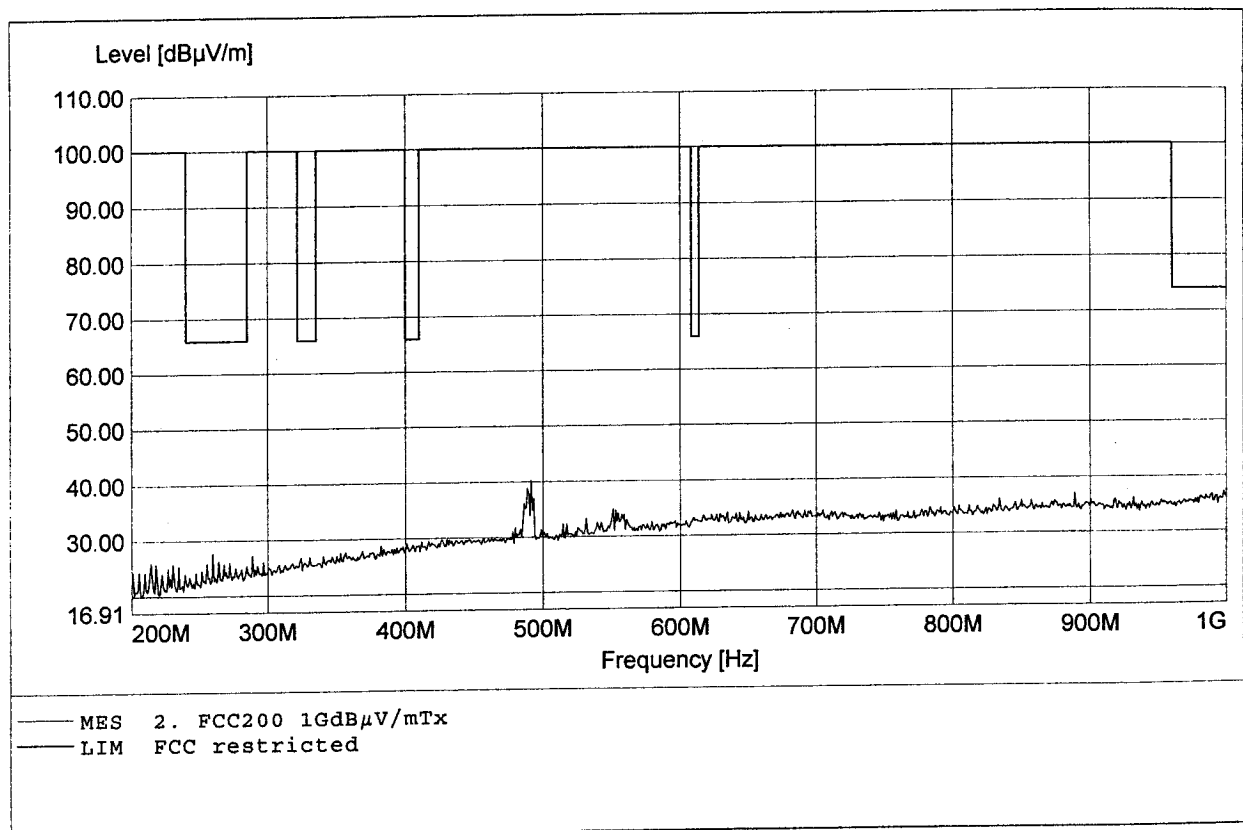
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:25,00MHz Pmax:27,82dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

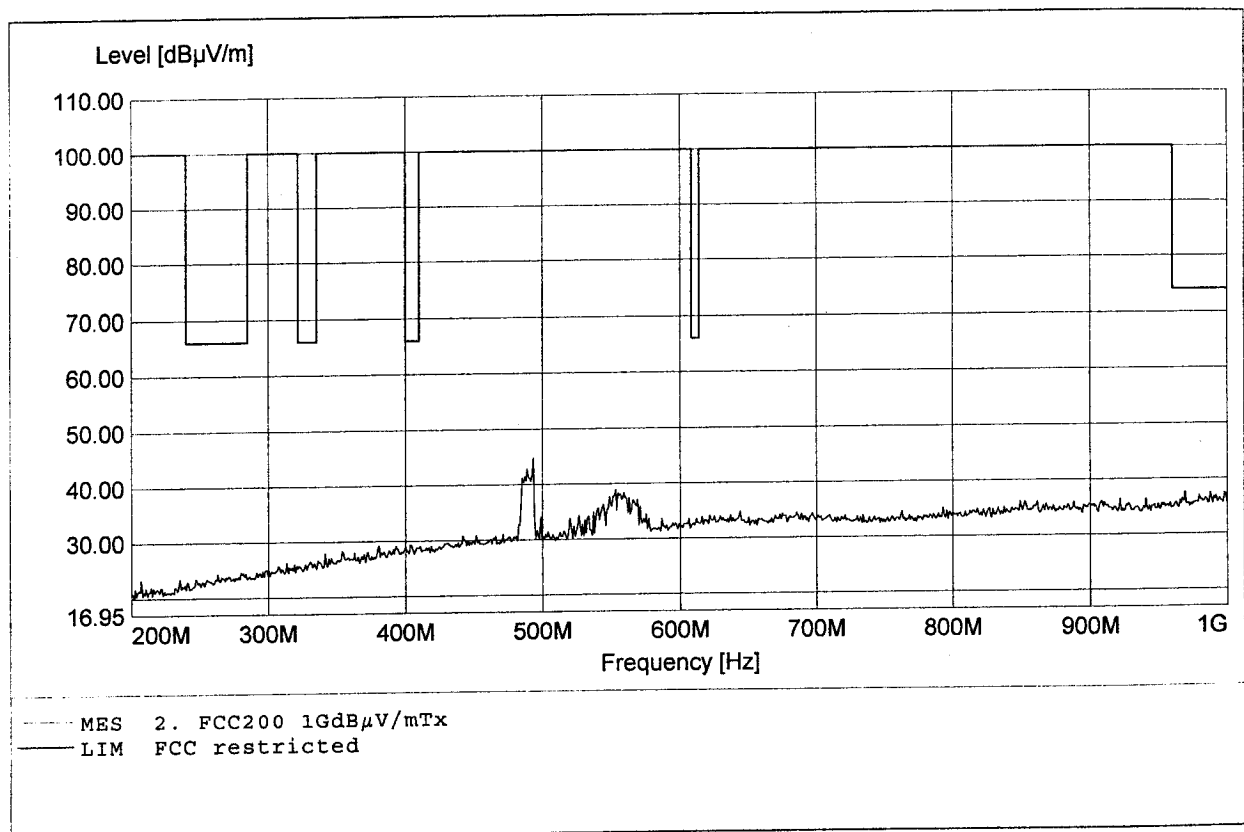
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:491,55MHz Pmax:40,30dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

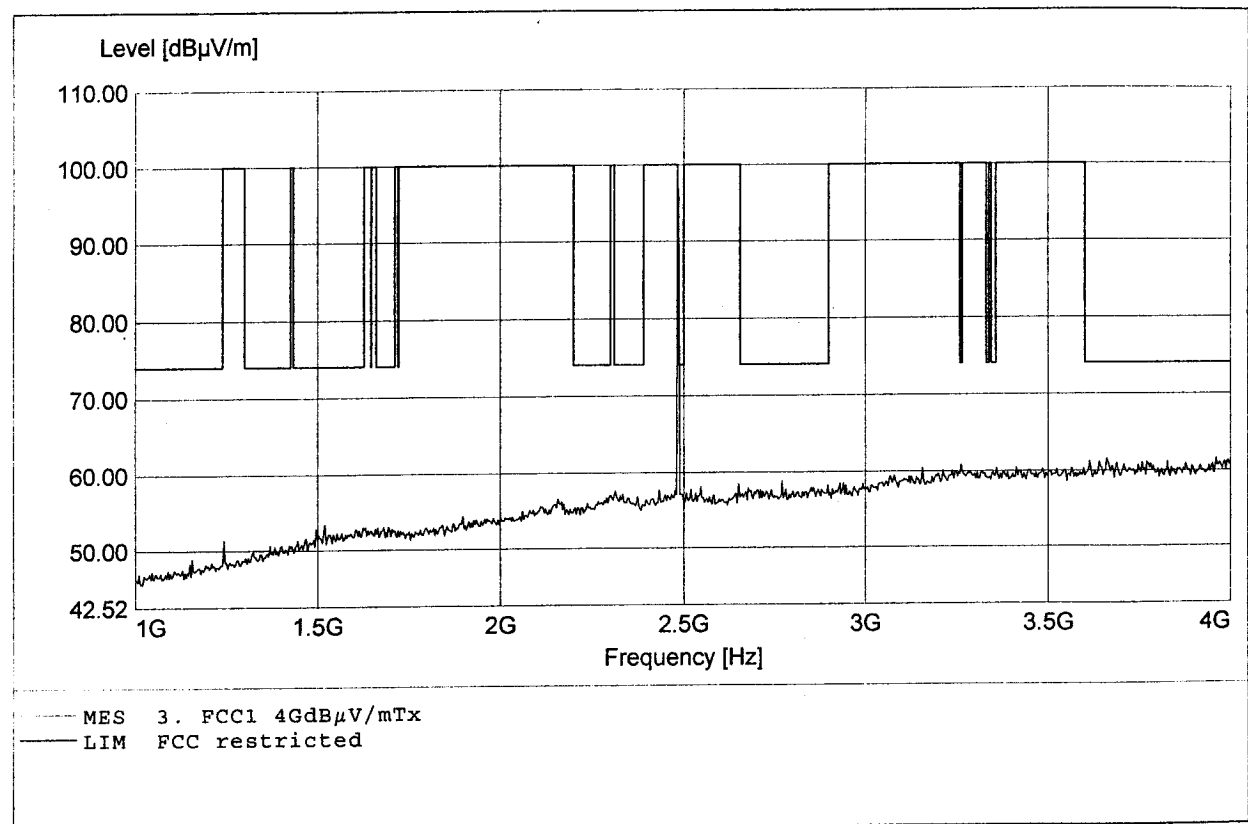
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:493,33MHz Pmax:44,77dBµV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

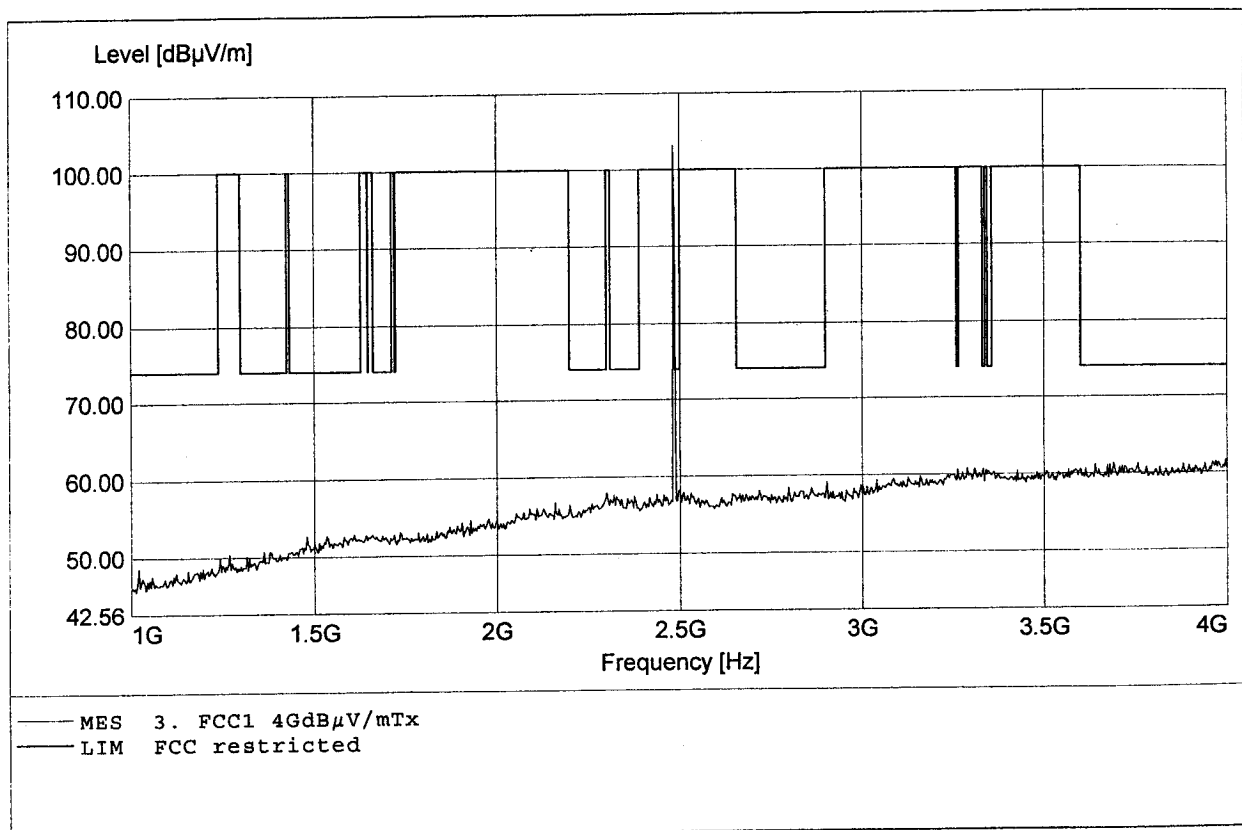
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2483,33MHz Pmax:97,58dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

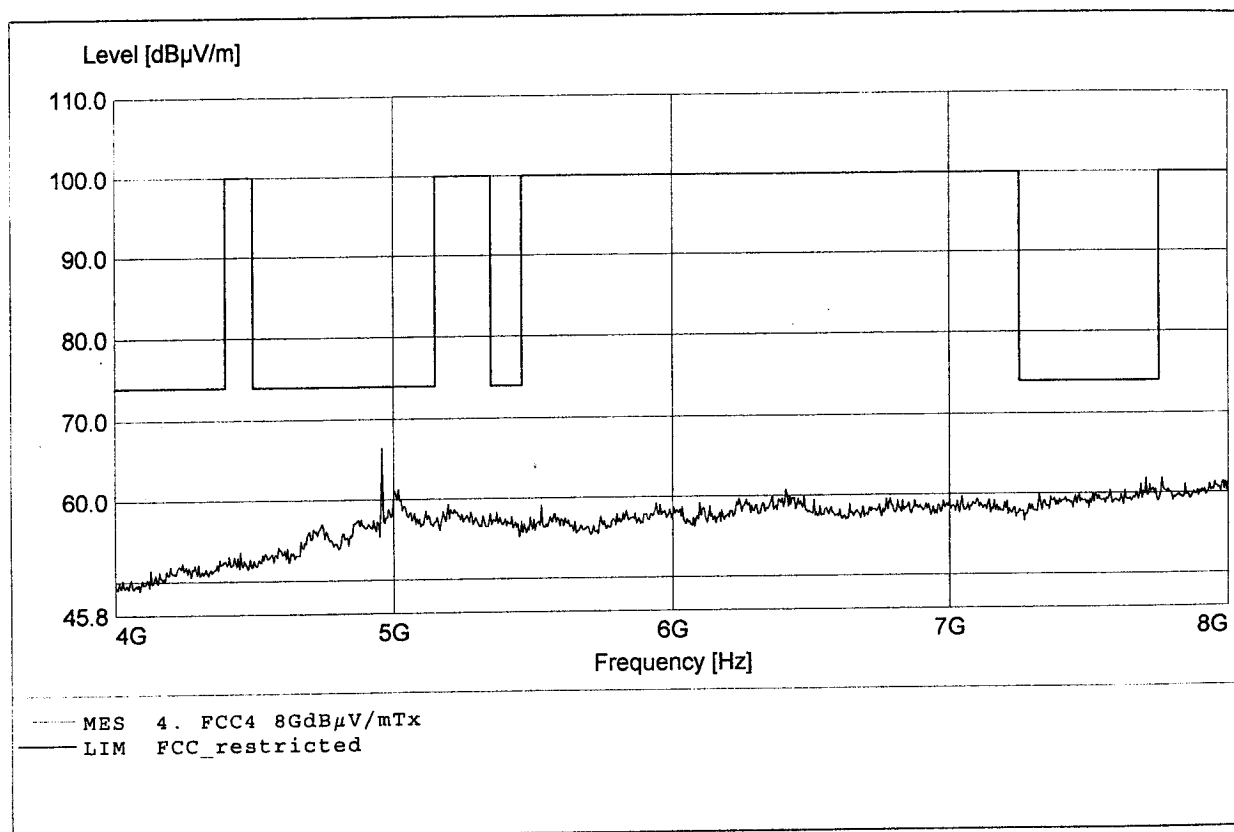
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:2483,33MHz Pmax:103,14dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

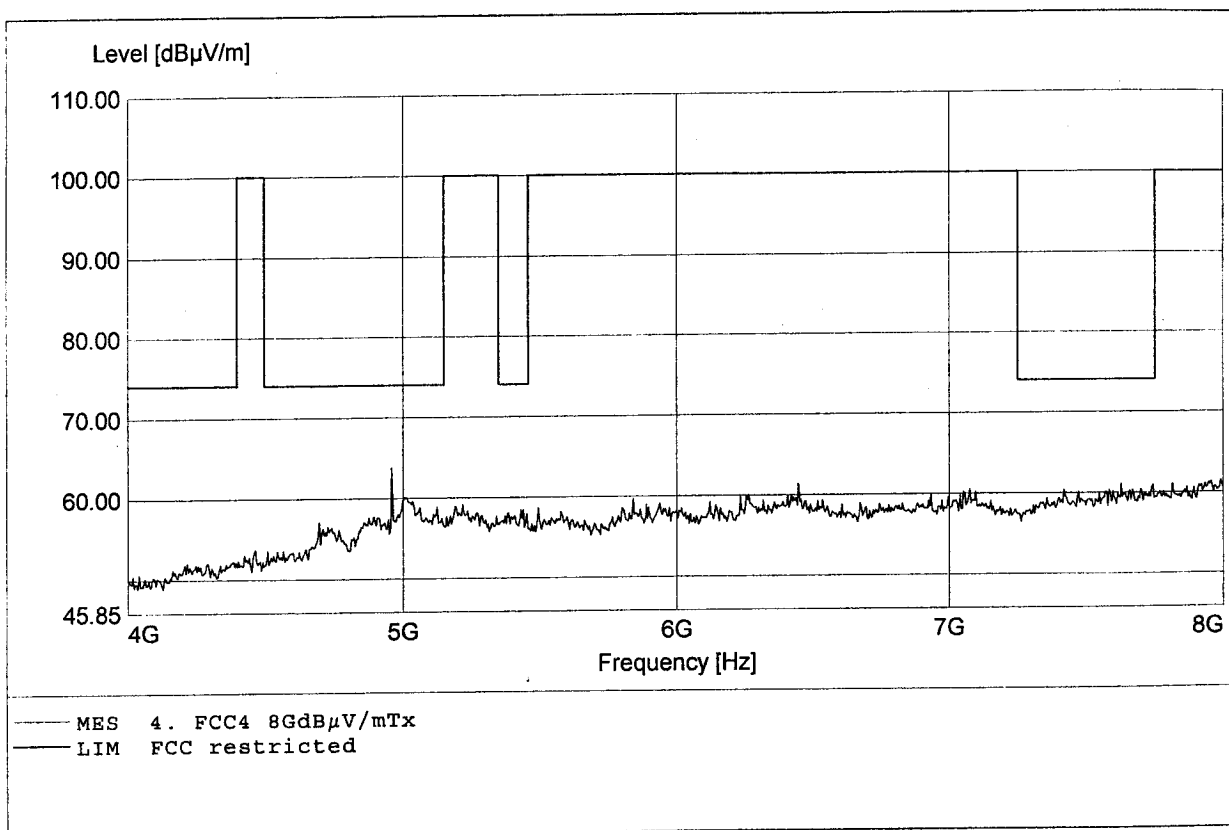
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:4960,00MHz Pmax:66,50dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

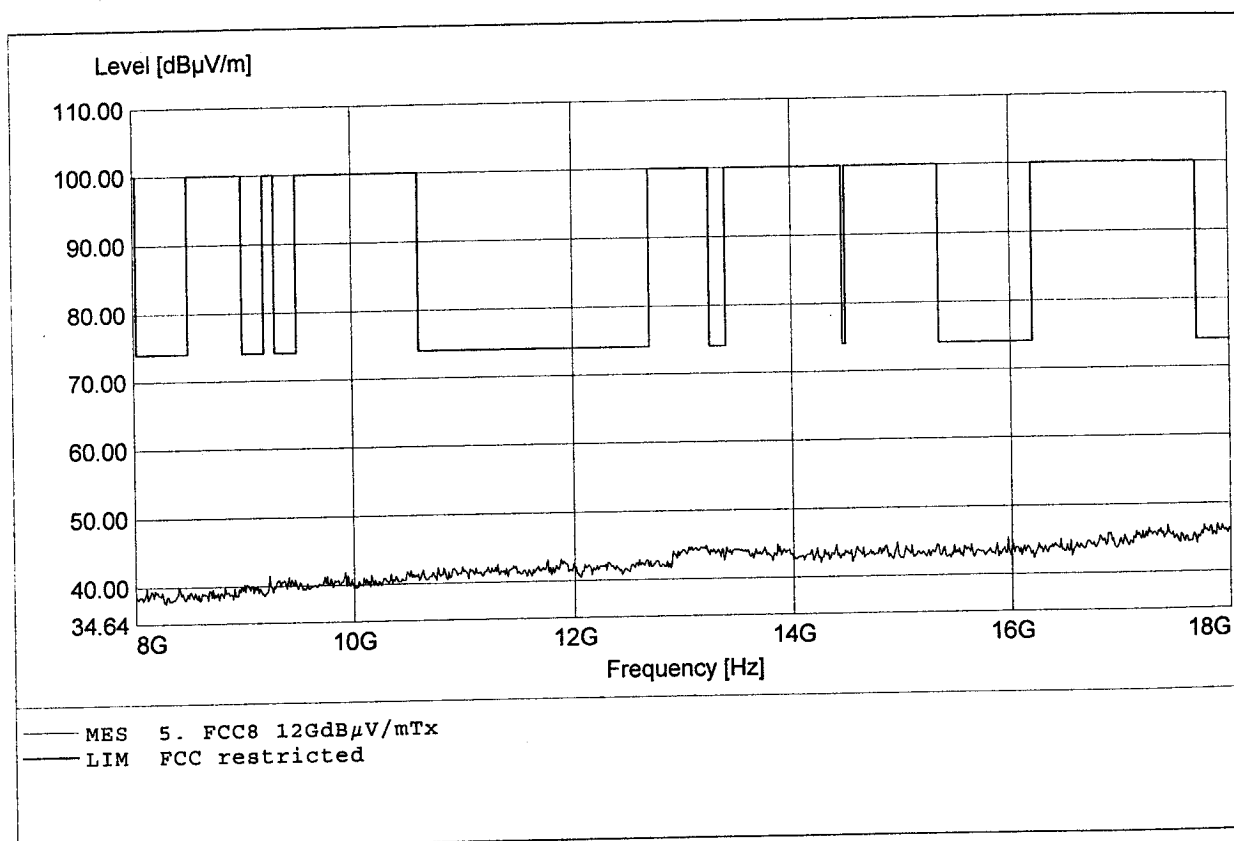
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:4960,00MHz Pmax:63,78dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

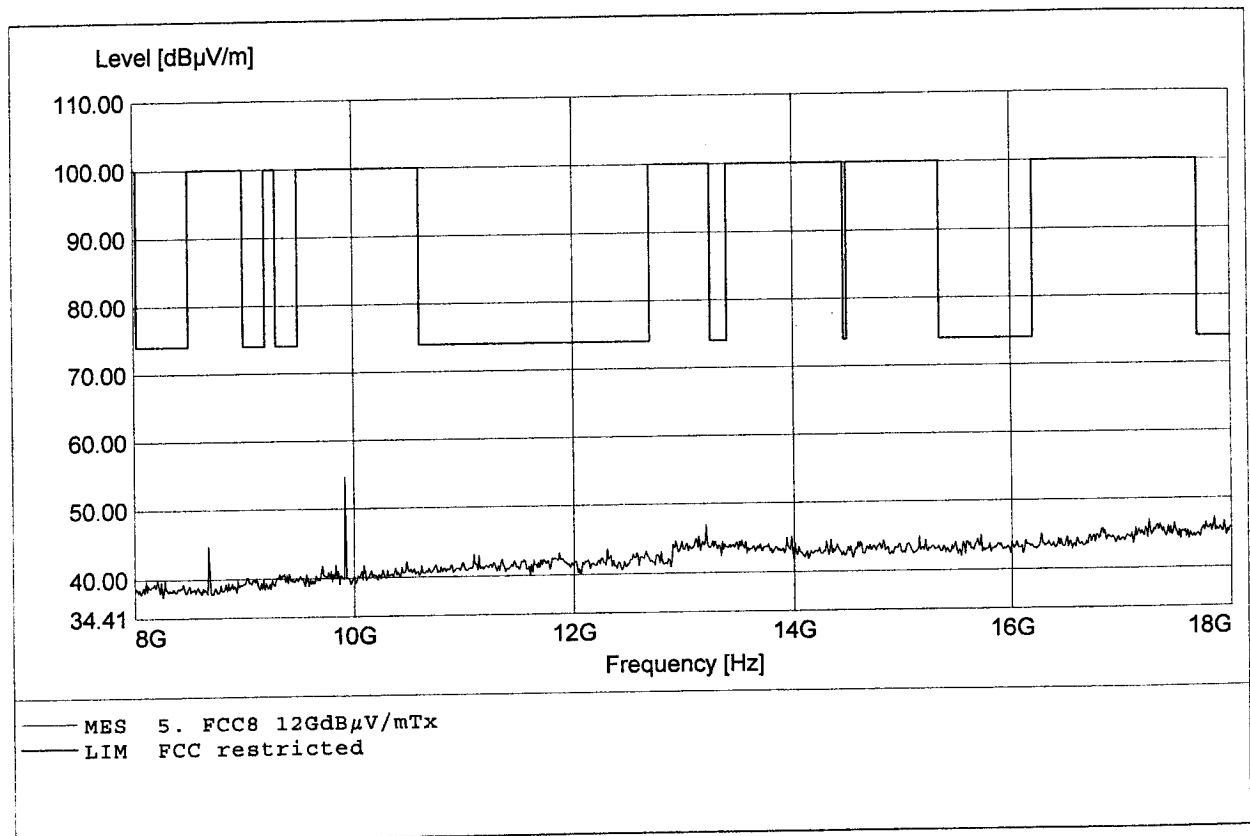
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:17877,77MHz Pmax:46,91dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: HÖft & Wessel AG

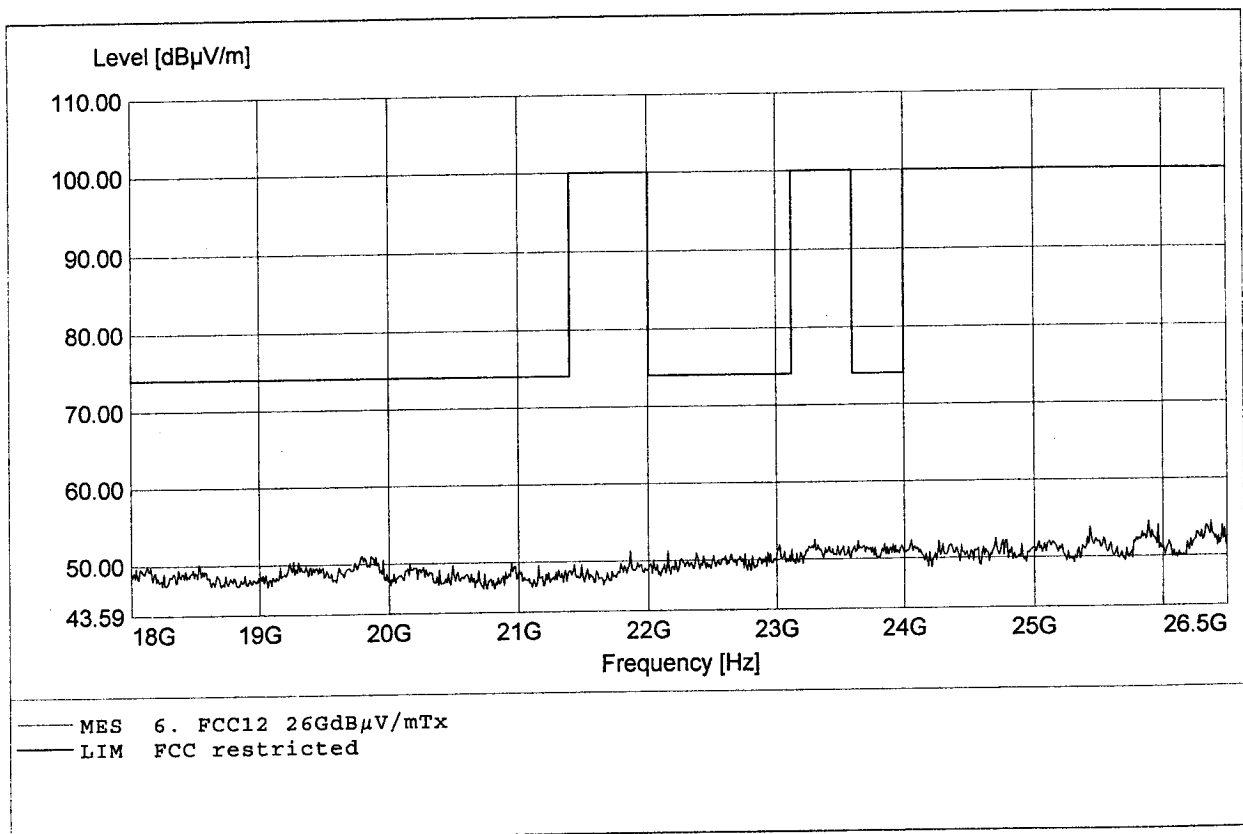
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:9922,22MHz Pmax:54,65dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

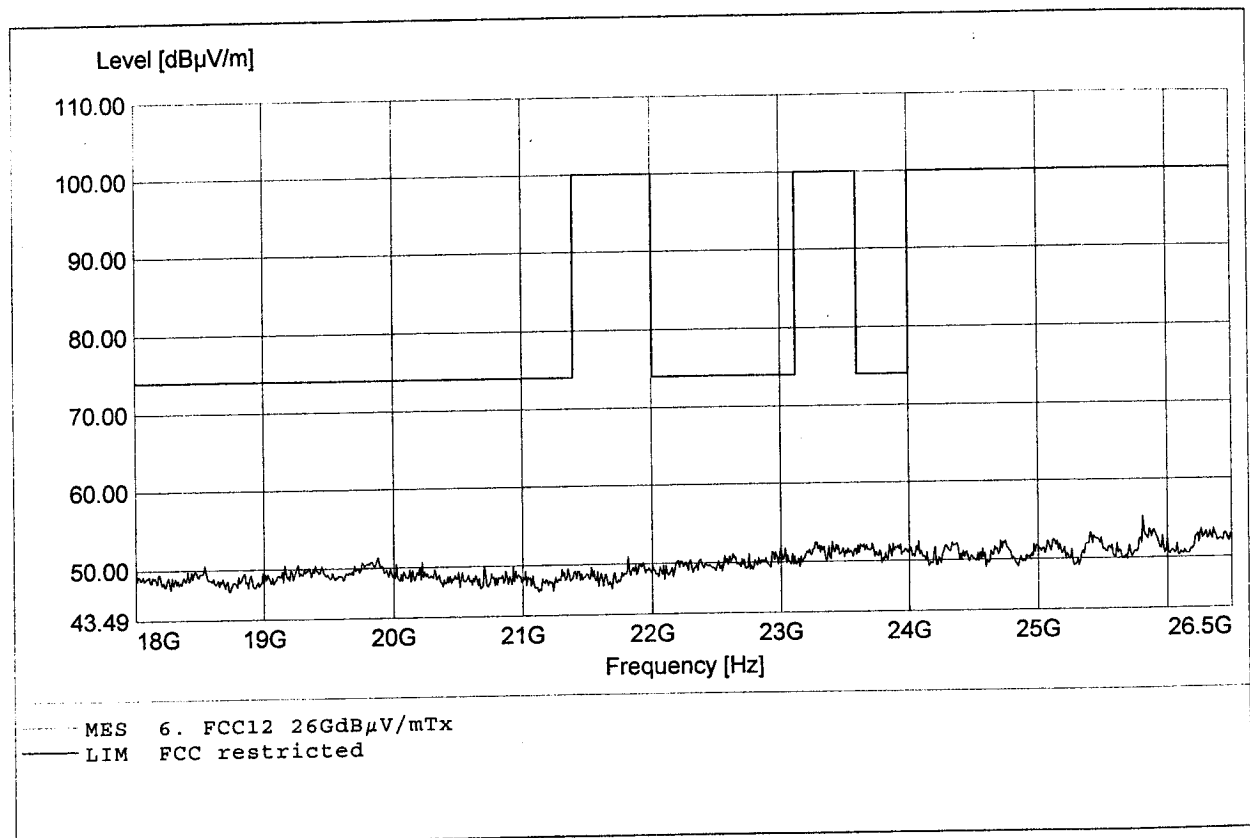
Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:25886,11MHz Pmax:54,57dBμV/m RBW=100KHz



Spurious emissions Field Strength Tx
FCC RULES PART 15, SUBPART C

EUT/Model : portable Terminal for RF-network / HW 90196 / (Ch:47)
Applicant: Höft & Wessel AG

Temperature/ Voltage: 22°C / 3.6 V rechargeable battery
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 20dB up duty cycle 4.2%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:25810,55MHz Pmax:55,29dBμV/m RBW=100KHz



Appendix D

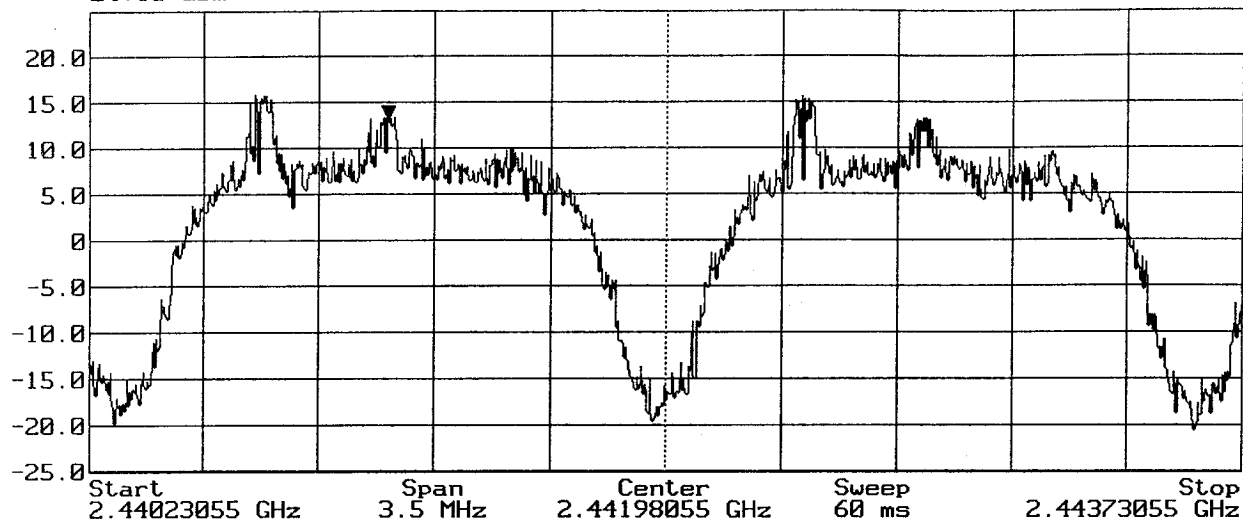
Spurious Emissions conducted - Transmitter operating

Appendix E

Carrier Frequency Separation



LULOFF
Date 15.Dec.'00 Time 15:09:59 Res.Bw 30.0 kHz[3dB] Vid.Bw 30 kHz
Ref.Lvl Delta -0.11 dB CF.Stp 350.000 kHz RF.Att 0 dB
24.80 dBm 1.625 MHz Unit [dBm]



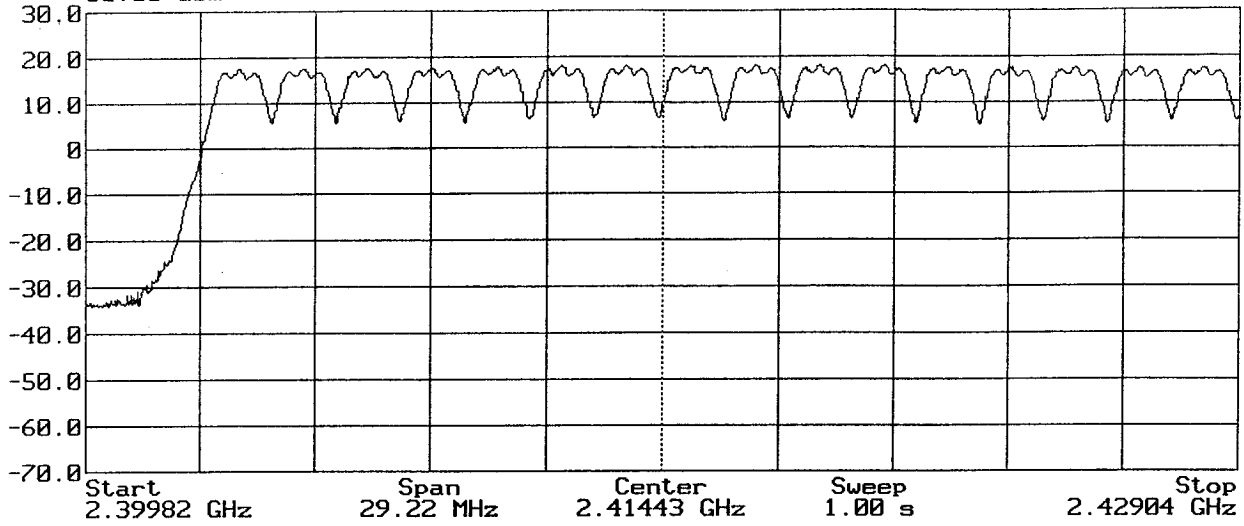
Appendix F

Number of Hopping Frequencies



LULOFF
Date 28.Dec.'00 Time 10:12:37
Ref.Lvl
30.00 dBm

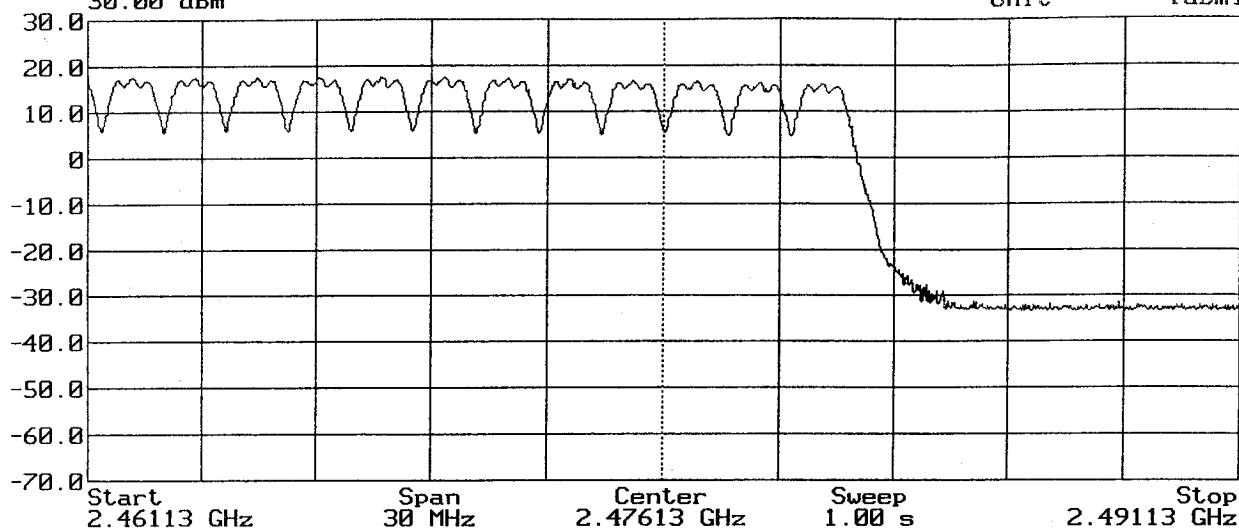
Res.Bw 494.5 kHz[imp] Vid.Bw 1 MHz
CF.Stp 2.922 MHz RF.Att 0 dB
Unit [dBm]





LULOFF
Date 28.Dec.'00 Time 10:54:25
Ref.Lvl
30.00 dBm

Res.Bw 494.5 kHz[imp] Vid.Bw 1 MHz
CF.Stp 3.000 MHz RF.Att 0 dB
Unit [dBm]



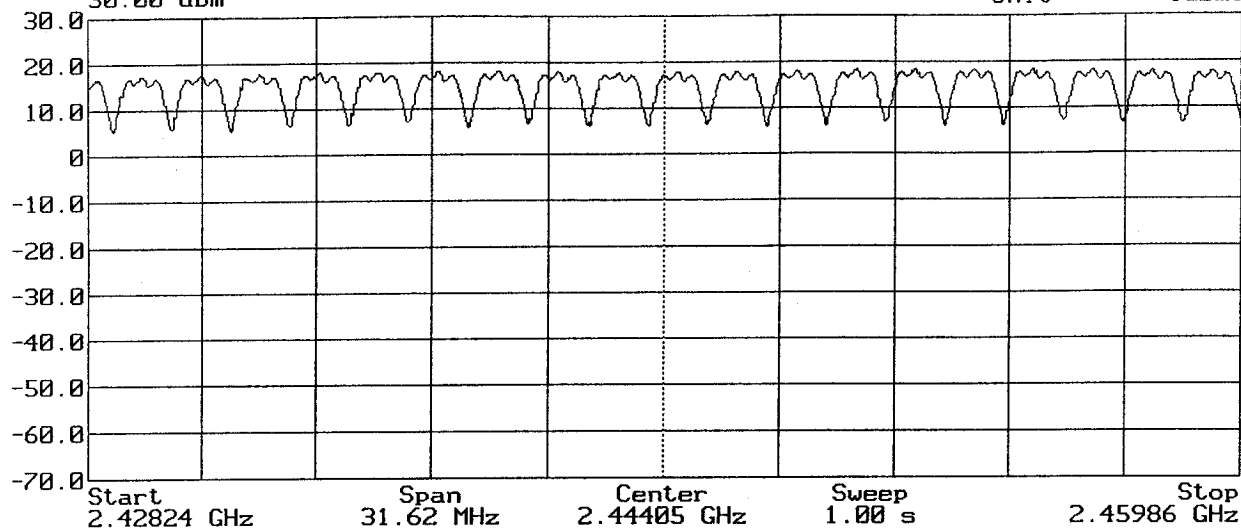
finished

units of log



LULOFF
Date 28.Dec.'00 Time 10:33:09
Ref.Lvl
30.00 dBm

Res.Bw 494.5 kHz[imp] Vid.Bw 1 MHz
CF.Stp 3.162 MHz RF.Att 0 dB
Unit [dBm]

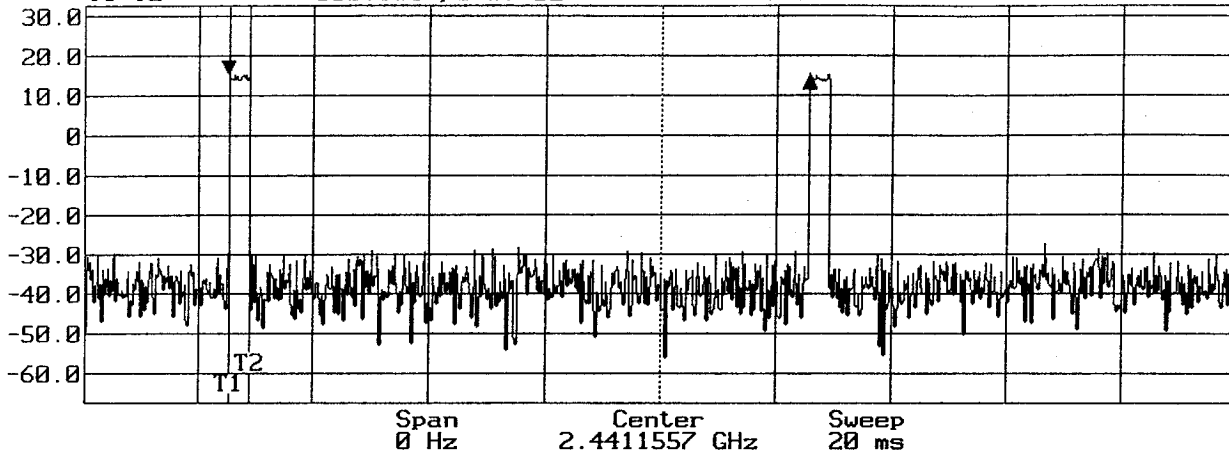


Appendix G

Time of Occupancy (Dwell Time)



LULOFF TRG
Date 15.Dec.'00 Time 14:17:52 Res.Bw 1.0 MHz[3dB] Vid.Bw 1 MHz
Ref.Lvl Delta -0.83 dB CF.Stp 100.000 kHz RF.Att 0 dB
32.50 dBm 10.044 ms Unit [dBm]
T1 2.555 ms D1 OFF
T2 2.911 ms D2 OFF
T1-T2 355.556 μ s D1-D2 OFF



Appendix H

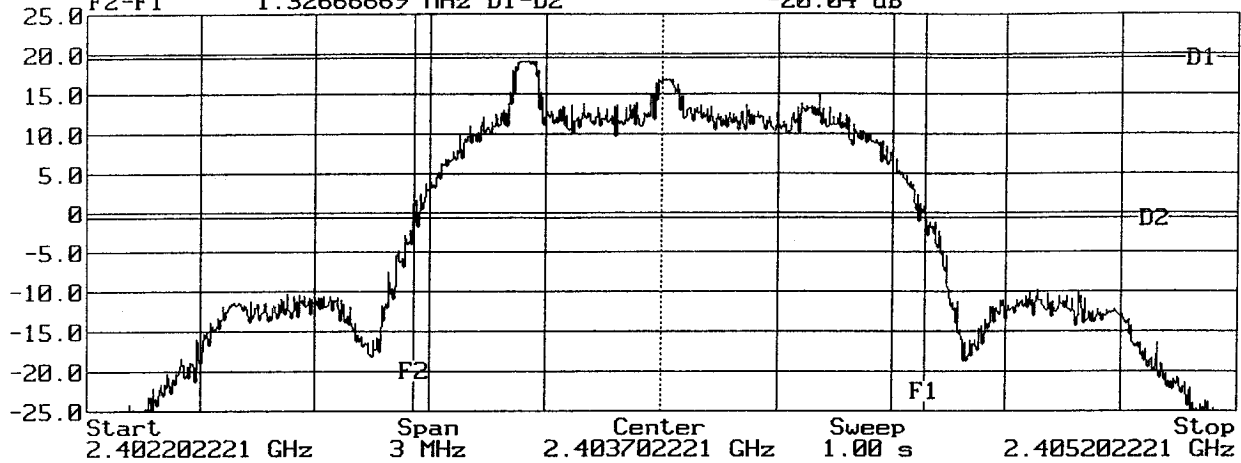
20dB Bandwidth



LULOFF
Date 28.Dec.'00 Time 08:48:32
Ref.Lvl
25.00 dBm

Res.Bw 43.5 kHz[imp] Vid.Bw 30 kHz
CF.Stp 300.000 kHz RF.Att 0 dB
Unit [dBm]

F1 2.40438999877 GHz D1 19.54 dBm
F2 2.40306333208 GHz D2 -0.50 dBm
F2-F1 1.32666669 MHz D1-D2 -20.04 dB

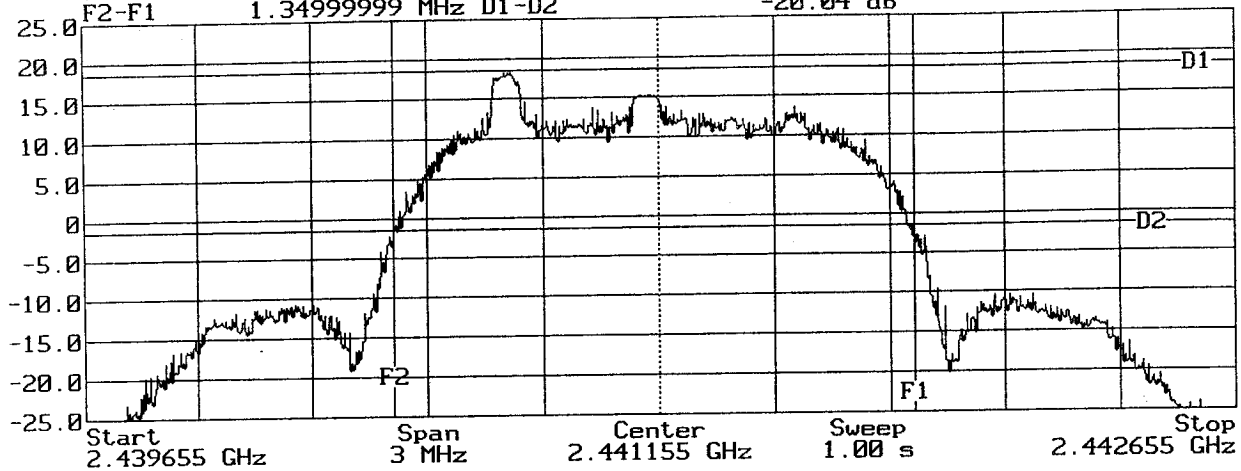




LULOFF
Date 28.Dec.'00 Time 09:04:50
Ref.Lvl
25.00 dBm

Res.Bw 29.9 kHz[imp] Vid.Bw 30 kHz
CF.Stp 300.000 kHz RF.Att 0 dB
Unit [dBm]

F1 2.44181833334 GHz D1 18.70 dBm
F2 2.44046833335 GHz D2 -1.34 dBm
F2-F1 1.34999999 MHz D1-D2 -20.04 dB



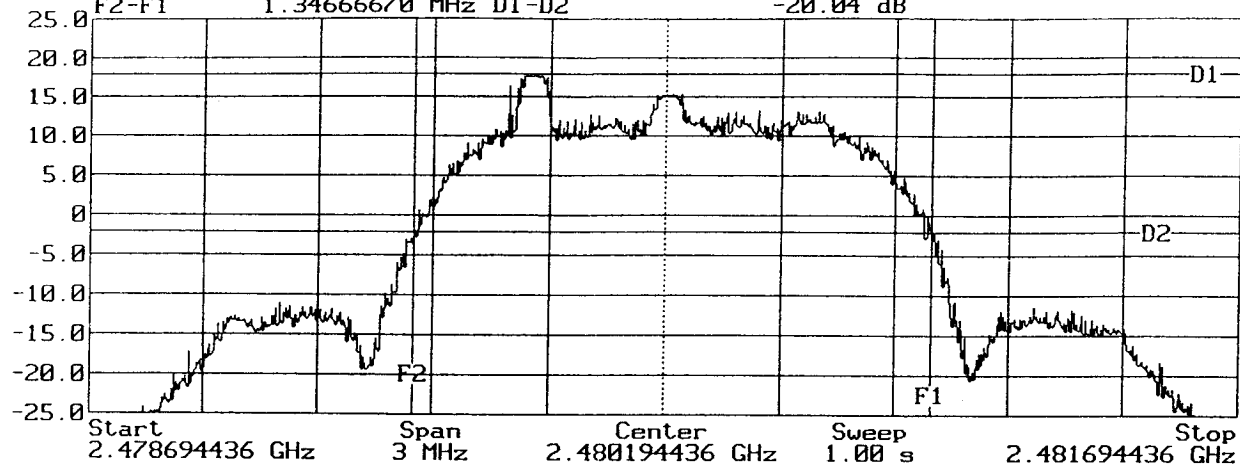


LULOFF
Date 28.Dec.'00 Time 08:55:17
Ref.Lvl
25.00 dBm

Res.Bw 43.5 kHz[imp] Vid.Bw 30 kHz

CF.Stp 300.000 kHz RF.Att 0 dB
Unit [dBm]

F1 2.48089110270 GHz D1 18.00 dBm
F2 2.47954443600 GHz D2 -2.04 dBm
F2-F1 1.34666670 MHz D1-D2 -20.04 dB



Appendix I

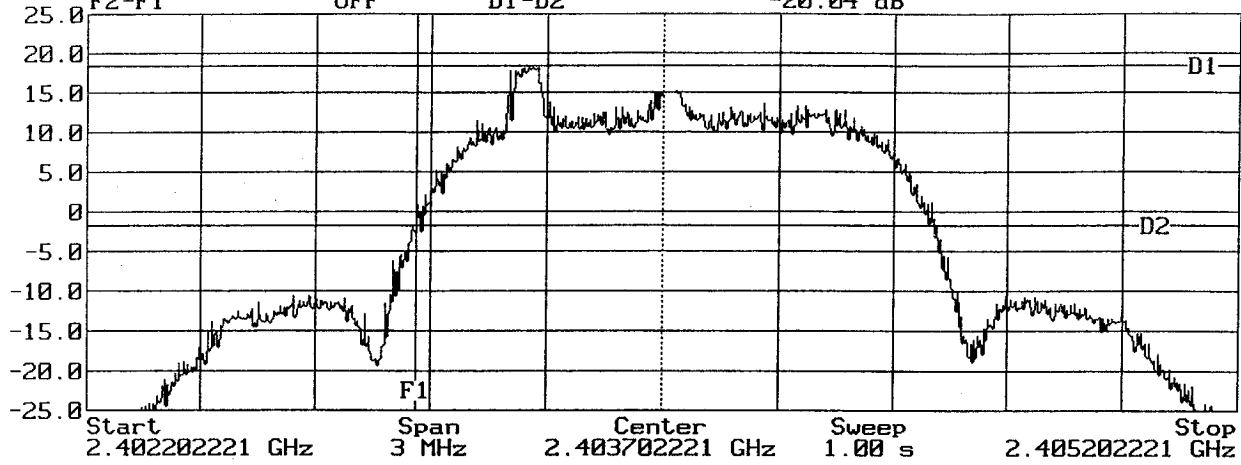
Band-edge Compliance of RF Conducted Emissions



LVL OFF
Date 28.Dec.'00 Time 09:14:17
Ref.Lvl
25.00 dBm

Res.Bw 29.9 kHz [imp] Vid.Bw 30 kHz
CF.Stp 300.000 kHz RF.Att 0 dB
Unit [dBm]

F1 2.40306888766 GHz D1 18.42 dBm
F2 OFF D2 -1.62 dBm
F2-F1 OFF D1-D2 -20.04 dB

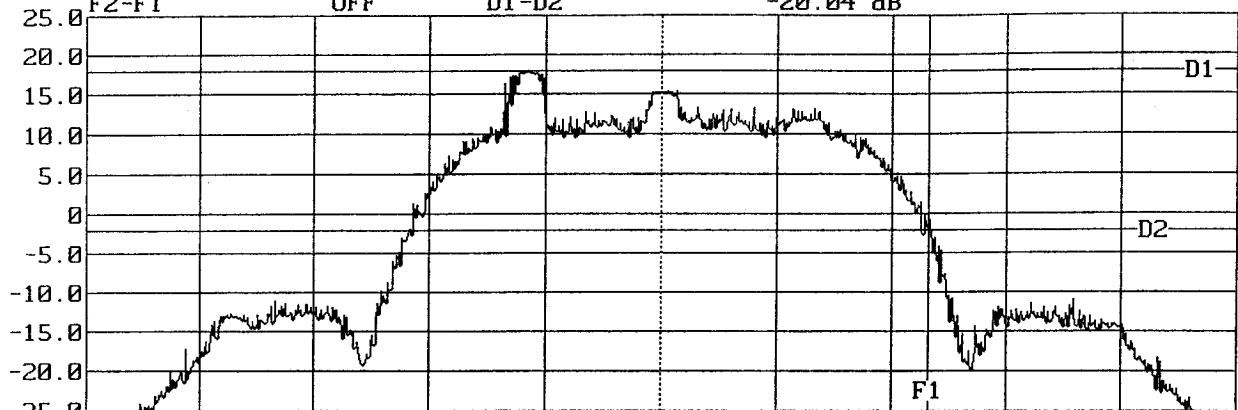




LVL OFF
Date 28.Dec.'00 Time 08:56:06
Ref.Lvl
25.00 dBm

Res.Bw 43.5 kHz [imp] Vid.Bw 30 kHz
CF.Stp 300.000 kHz RF.Att 0 dB
Unit [dBm]

F1 2.48089110270 GHz D1 18.00 dBm
F2 OFF D2 -2.04 dBm
F2-F1 OFF D1-D2 -20.04 dB



Start 2.478694436 GHz Span 3 MHz Center 2.480194436 GHz Sweep 1.00 s Stop 2.481694436 GHz

Appendix J

Conducted Measurement at (AC) Power Line