

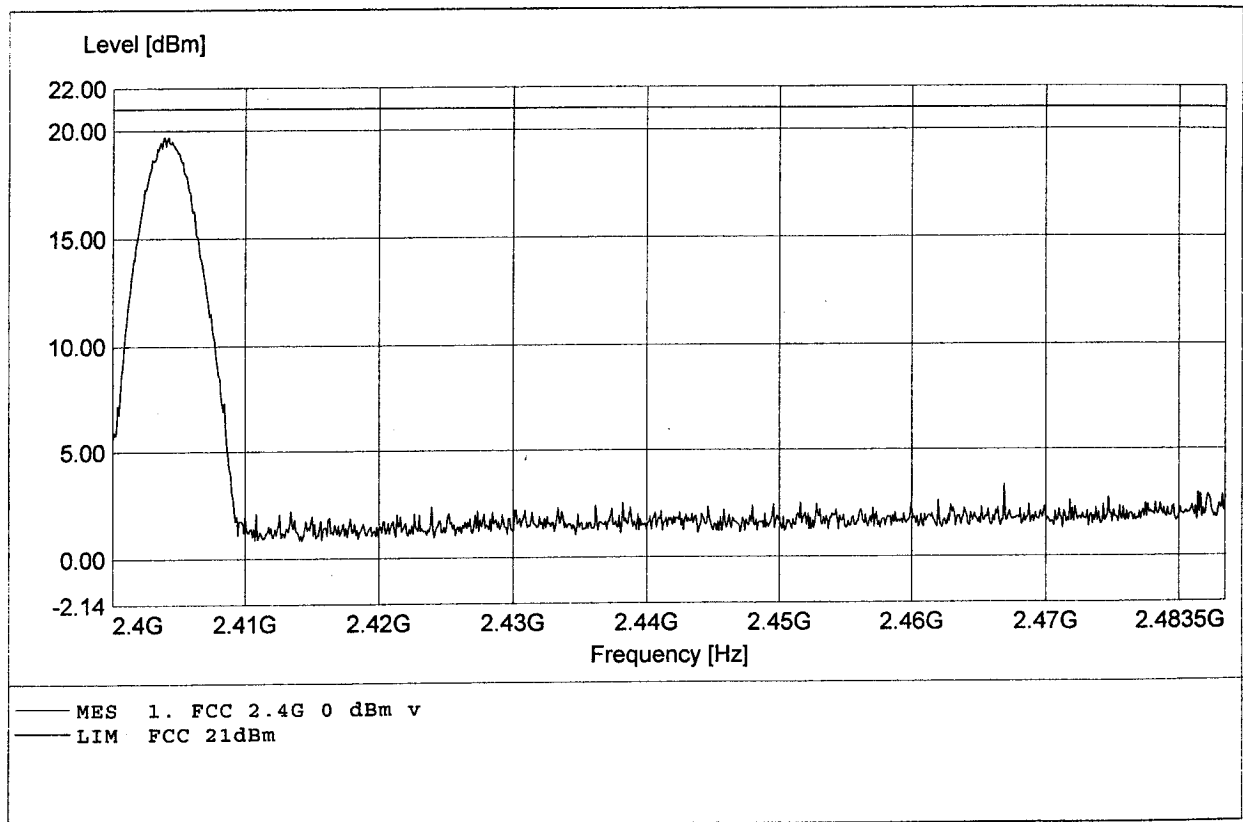
Appendix B

Peak Output Power

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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

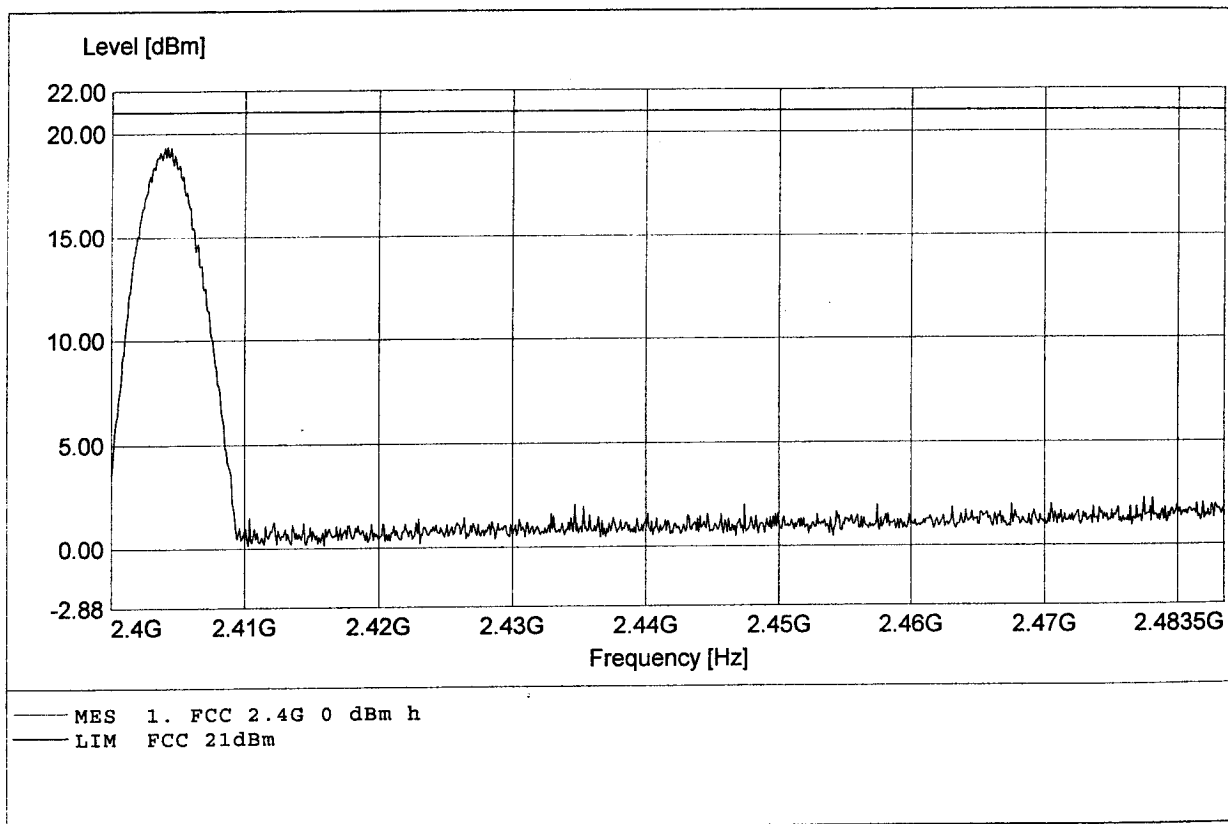
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2403,89MHz Pmax:19,68dBm RBW:4MHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

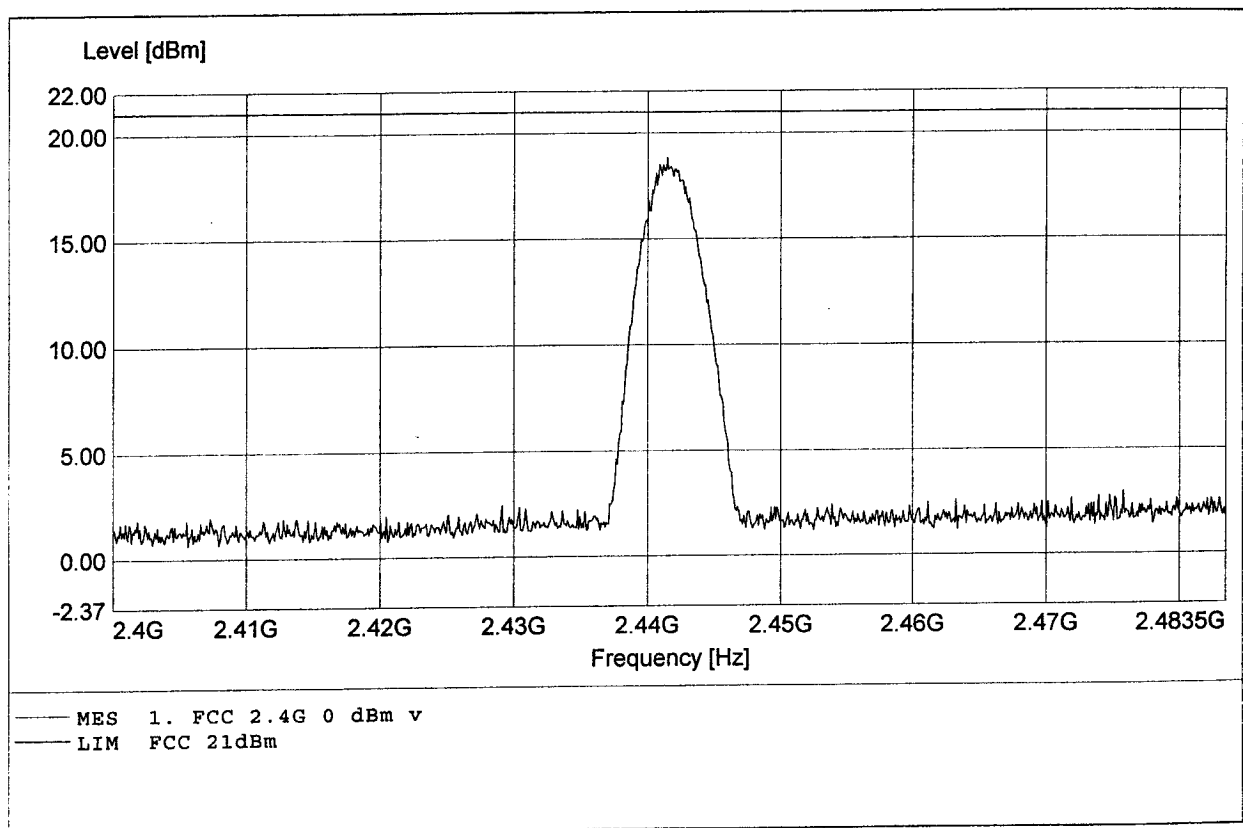
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2404,17MHz Pmax:19,36dBm RBW:4MHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

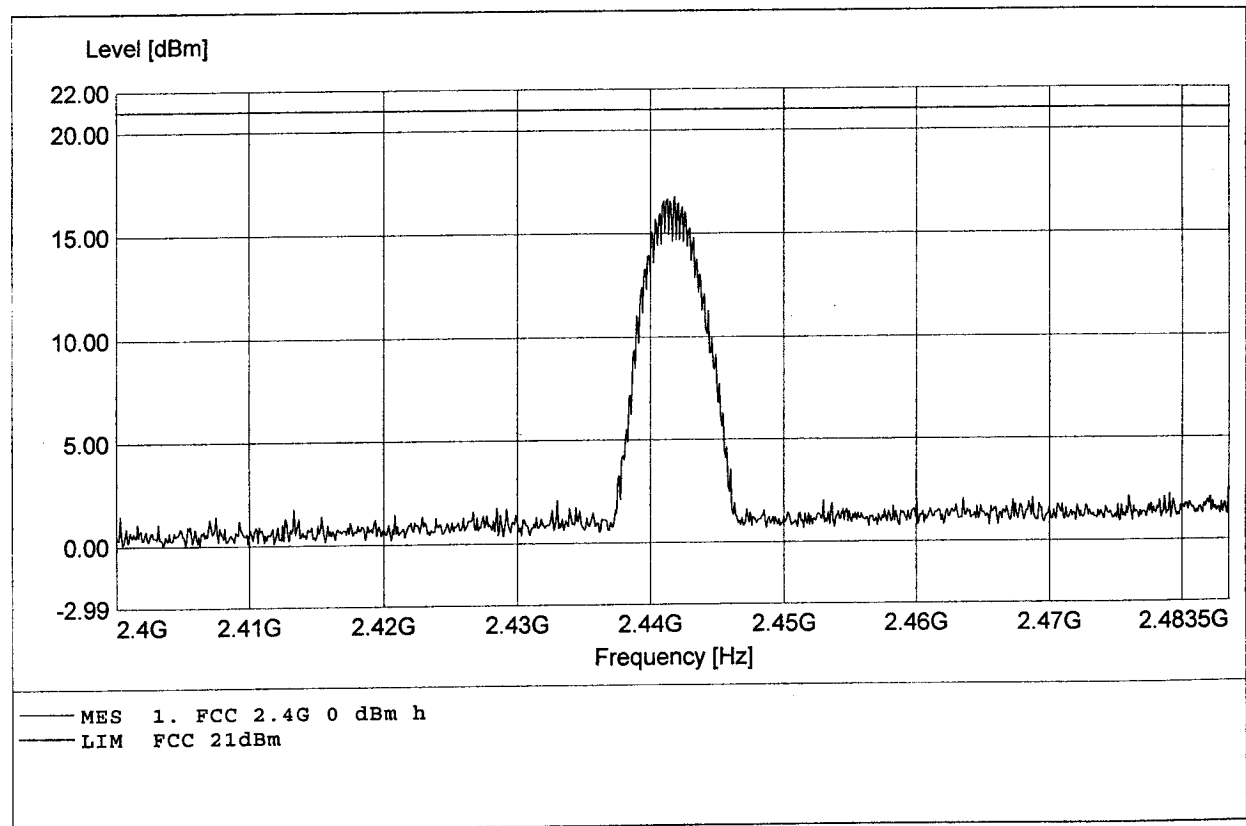
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2441,47MHz Pmax:18,85dBm RBW:4MHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

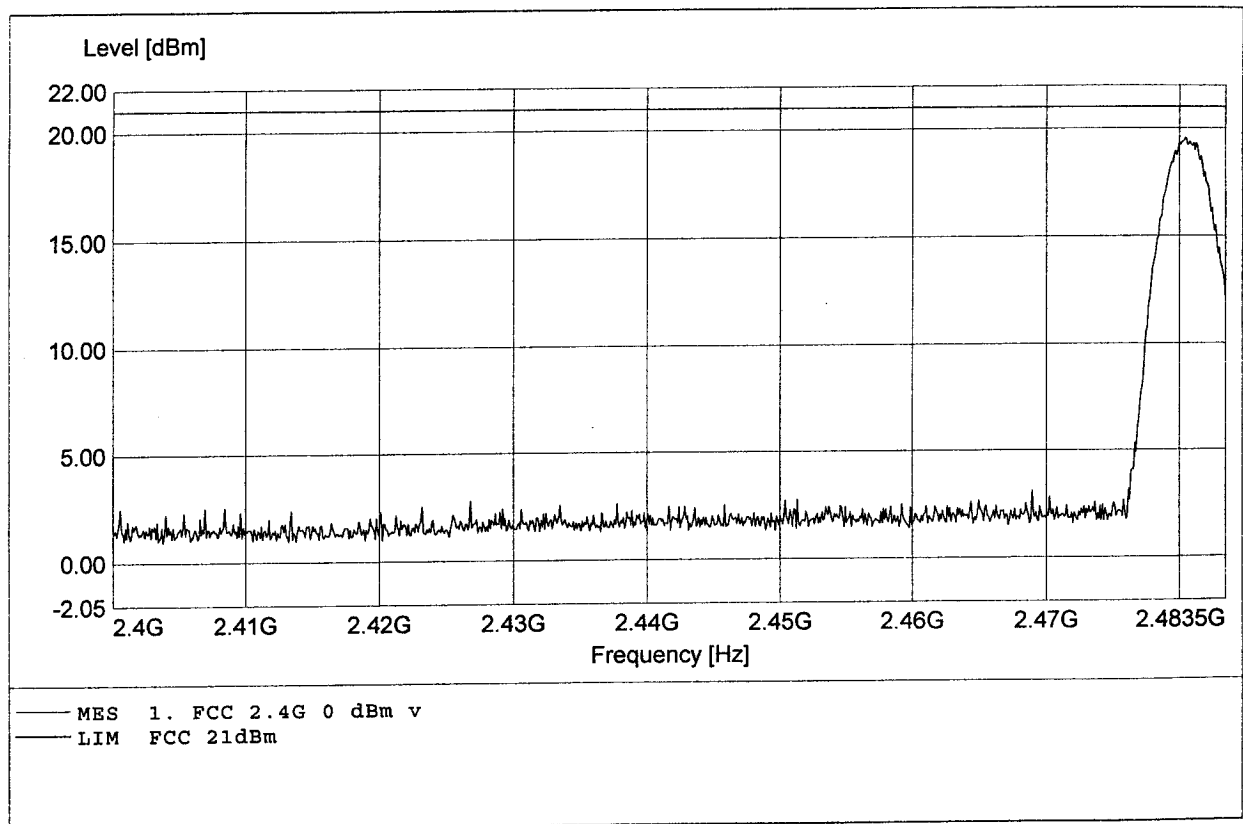
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2441,84MHz Pmax:16,79dBm RBW:4MHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

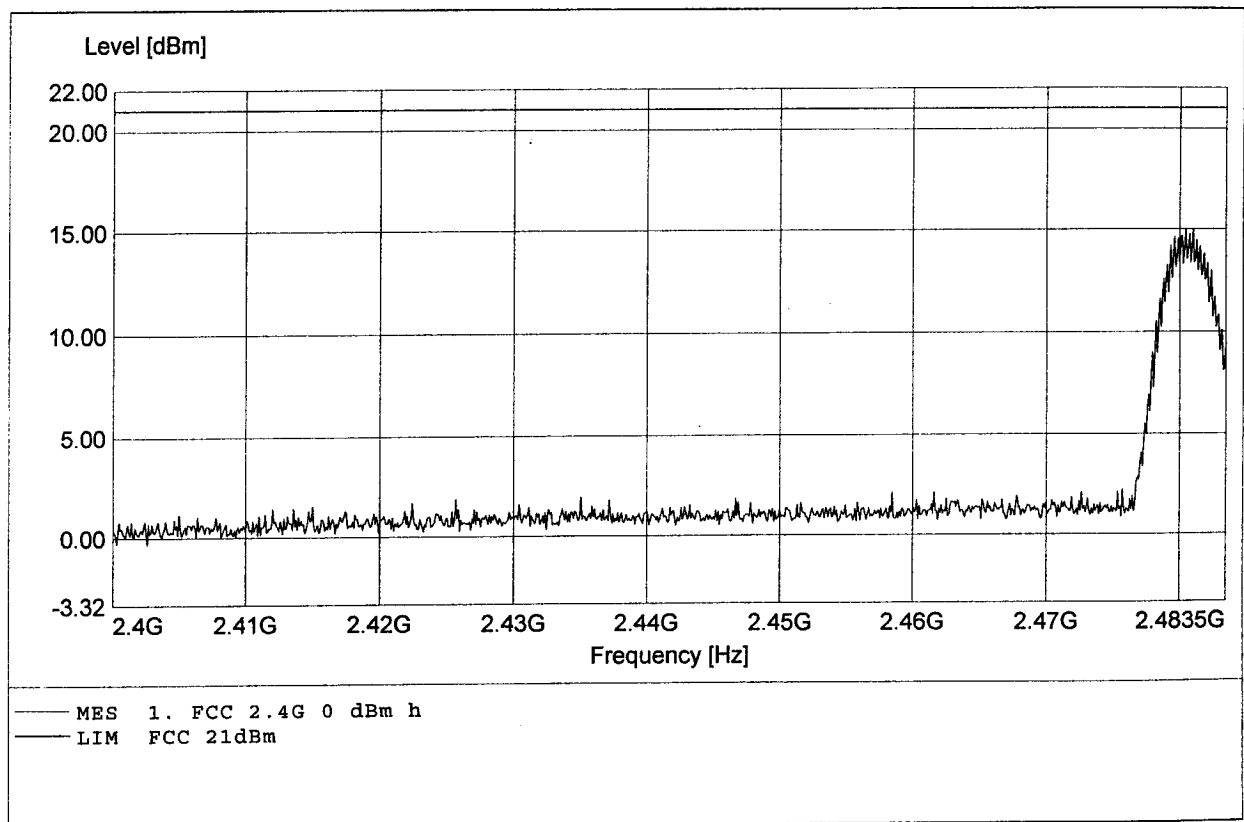
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2480,43MHz Pmax:19,54dBm RBW:4MHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

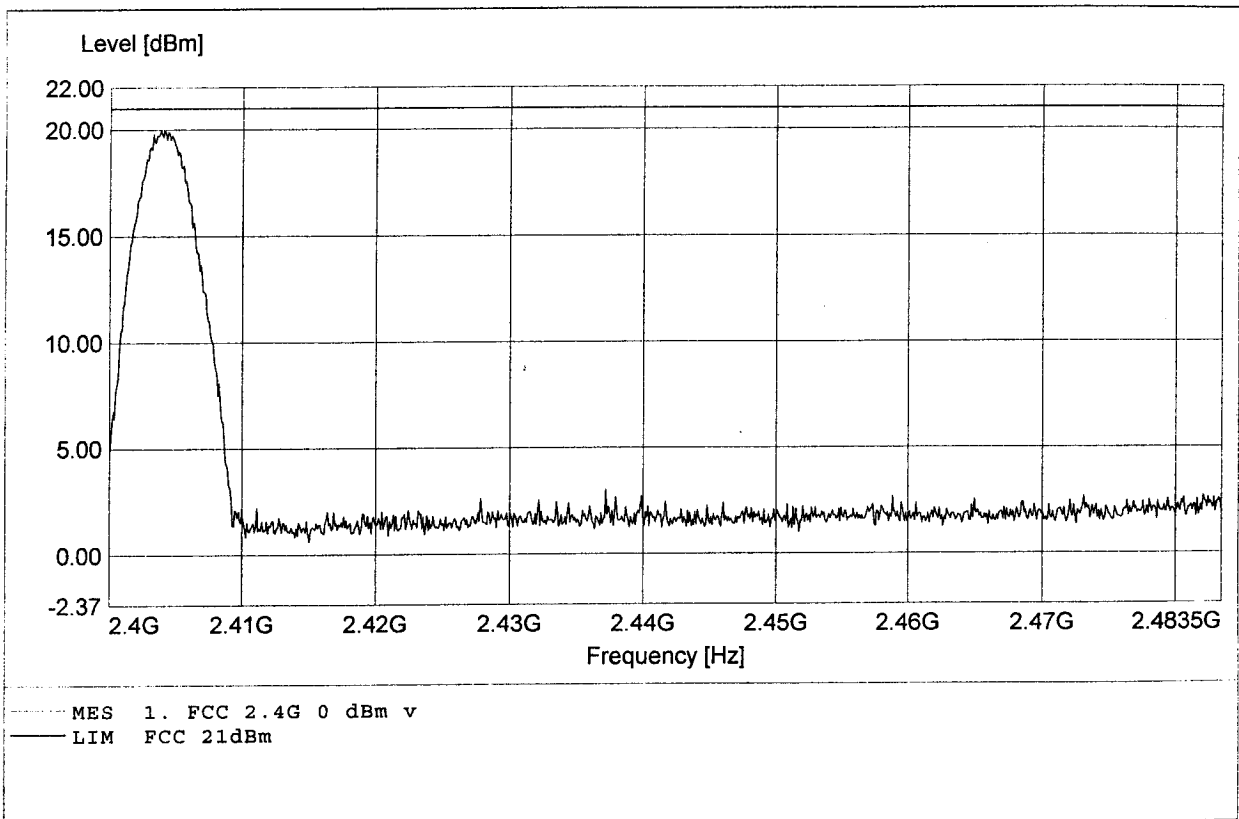
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2480,99MHz Pmax:15,01dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:0)
Applicant: Höft & Wessel AG

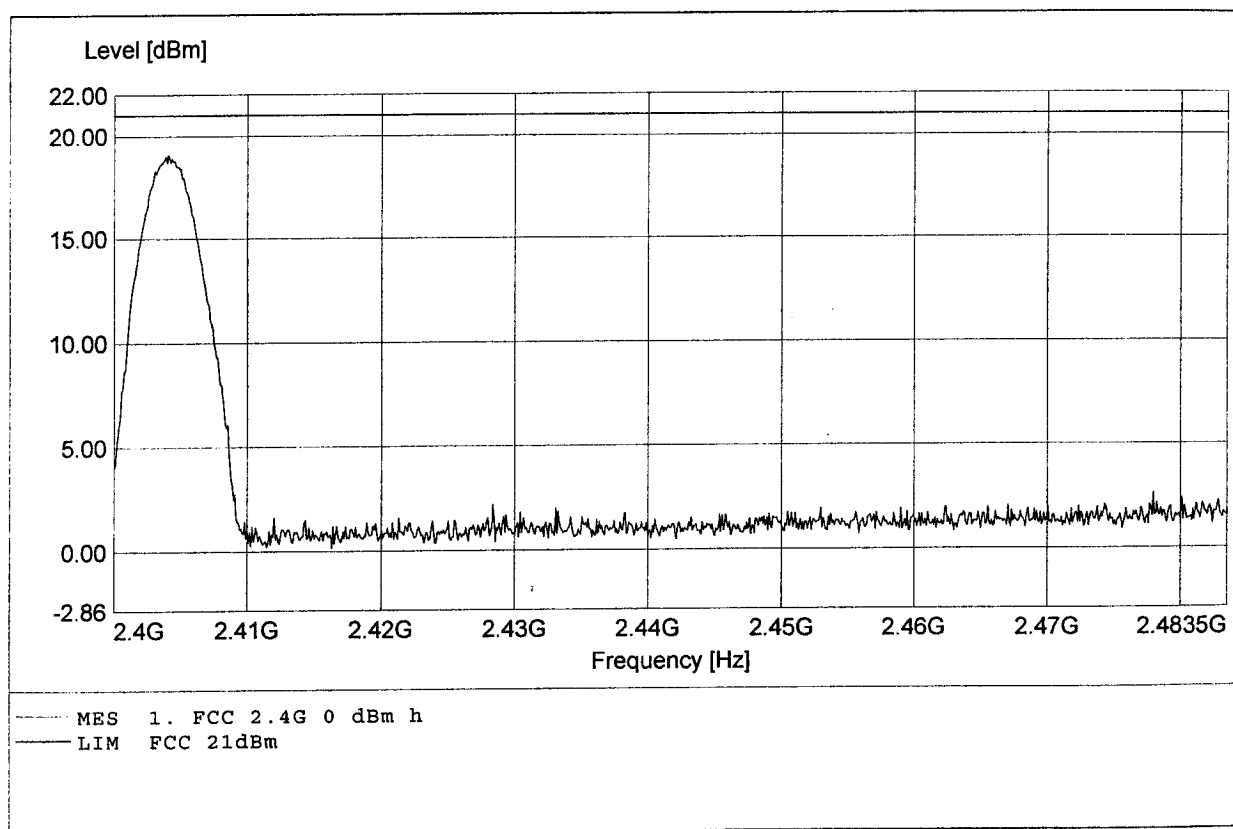
Temperature/ Voltage: 22°C / 110 V +15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2404,08MHz Pmax:19,99dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:0)
Applicant: Höff & Wessel AG

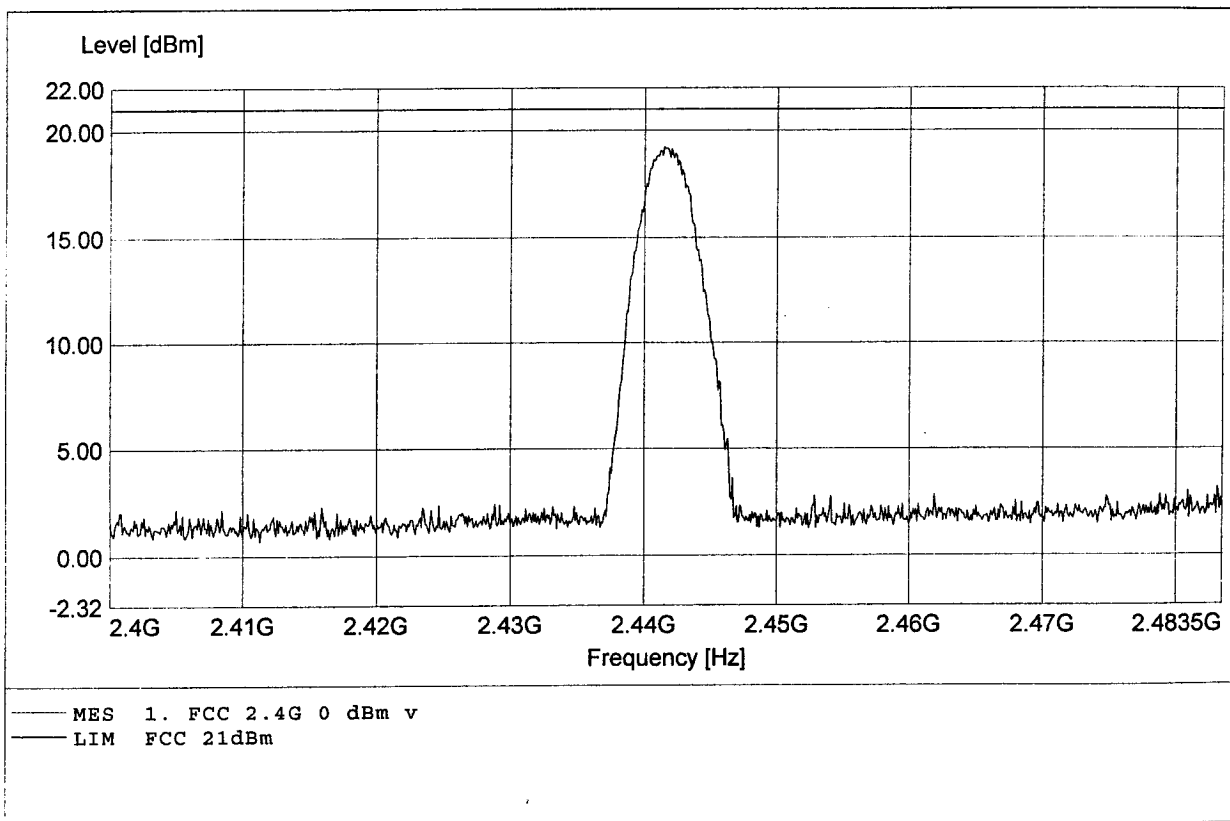
Temperature/ Voltage: 22°C / 110 V +15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2404,08MHz Pmax:19,10dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:23)
Applicant: Höft & Wessel AG

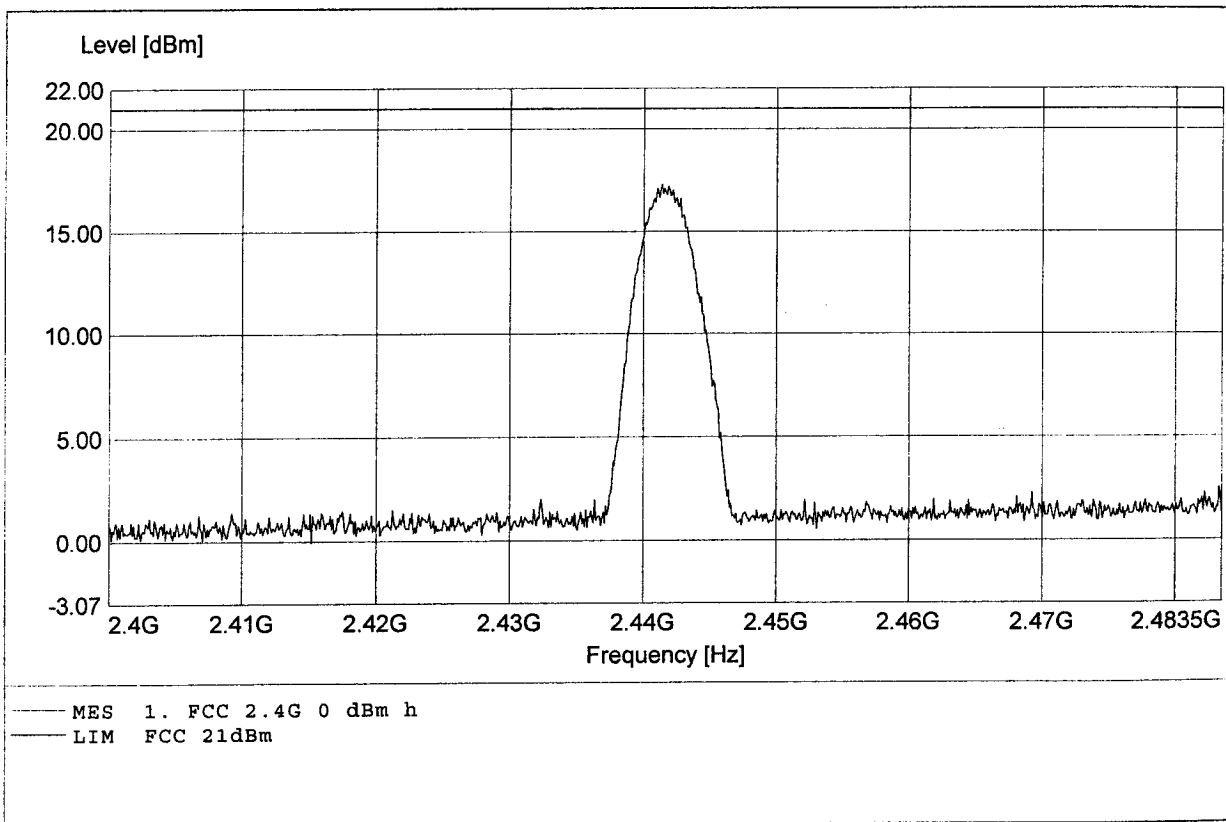
Temperature/ Voltage: 22°C / 110 V +15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2441,47MHz Pmax:19,23dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:23)
Applicant: Höft & Wessel AG

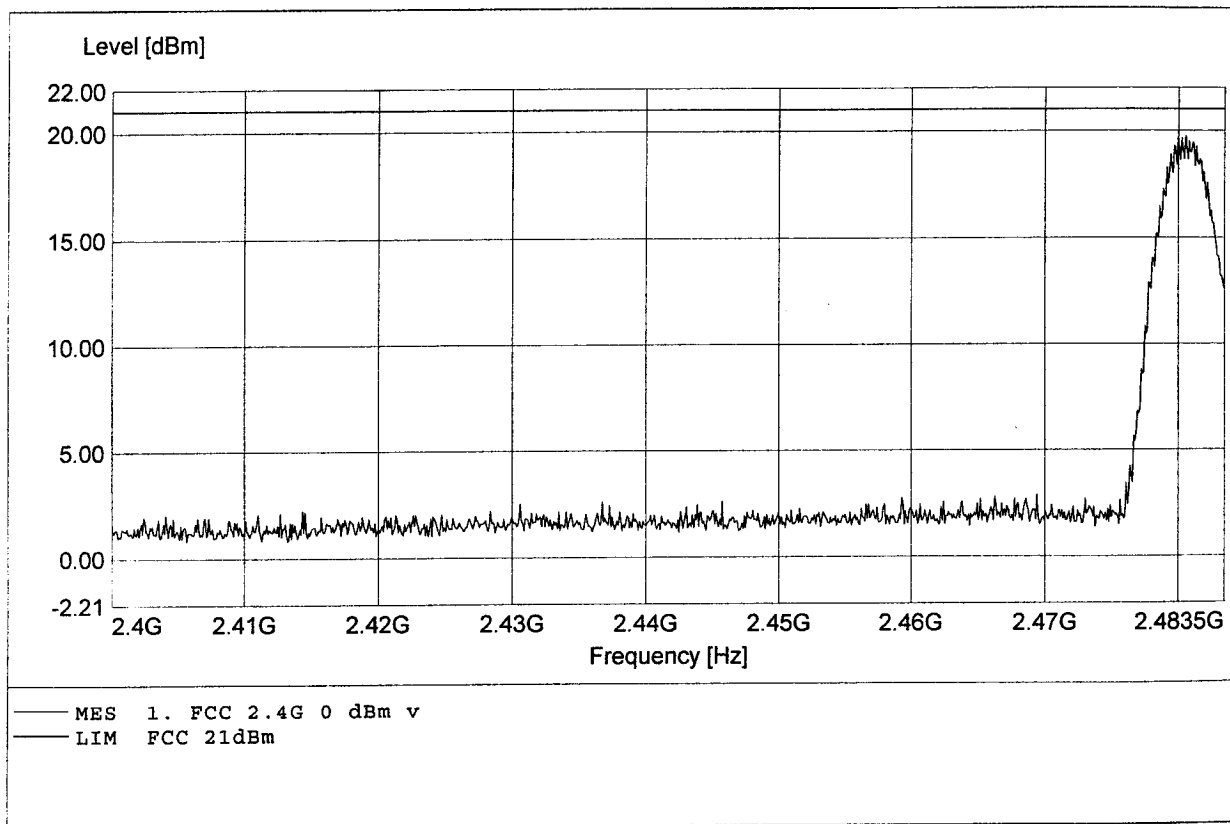
Temperature/ Voltage: 22°C / 110 V +15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2441,37MHz Pmax:17,30dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:47)
Applicant: Höft & Wessel AG

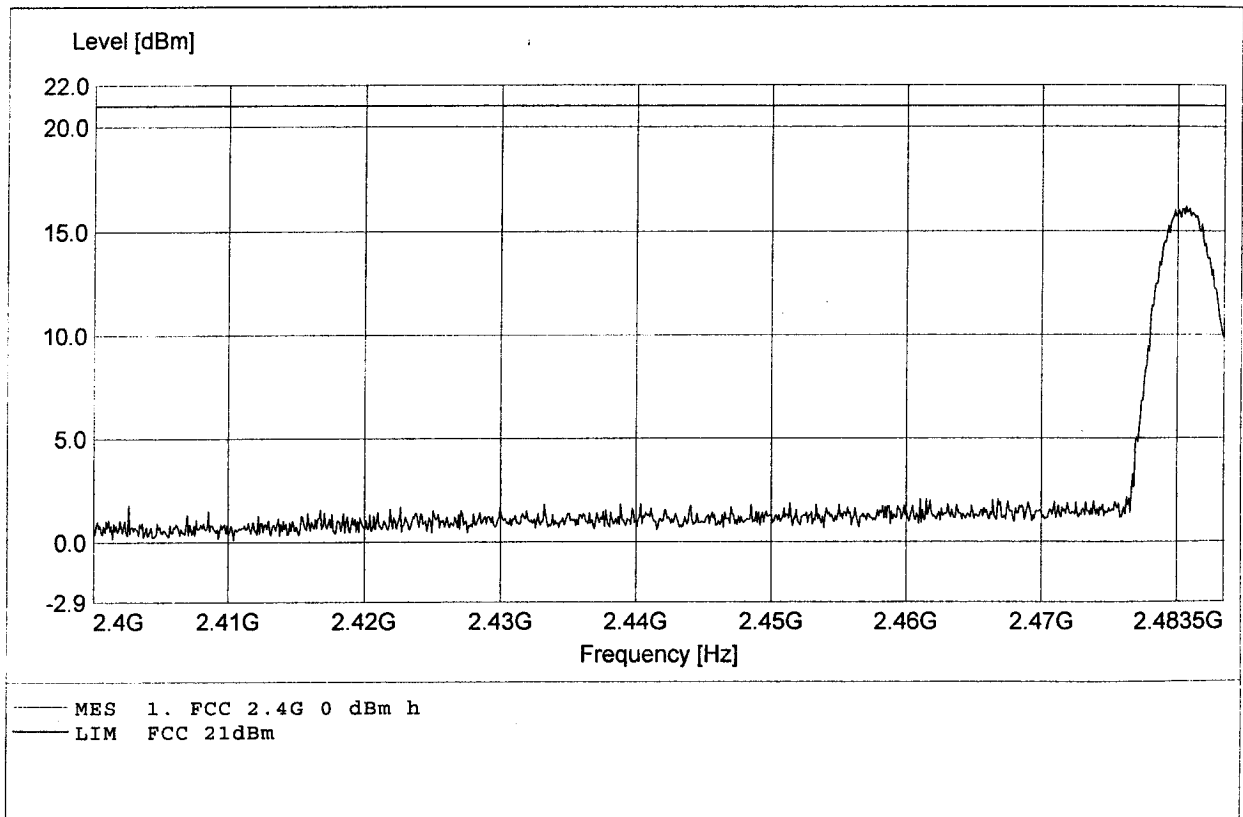
Temperature/ Voltage: 22°C / 110 V +15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2480,53MHz Pmax:19,75dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:47)
Applicant: Höft & Wessel AG

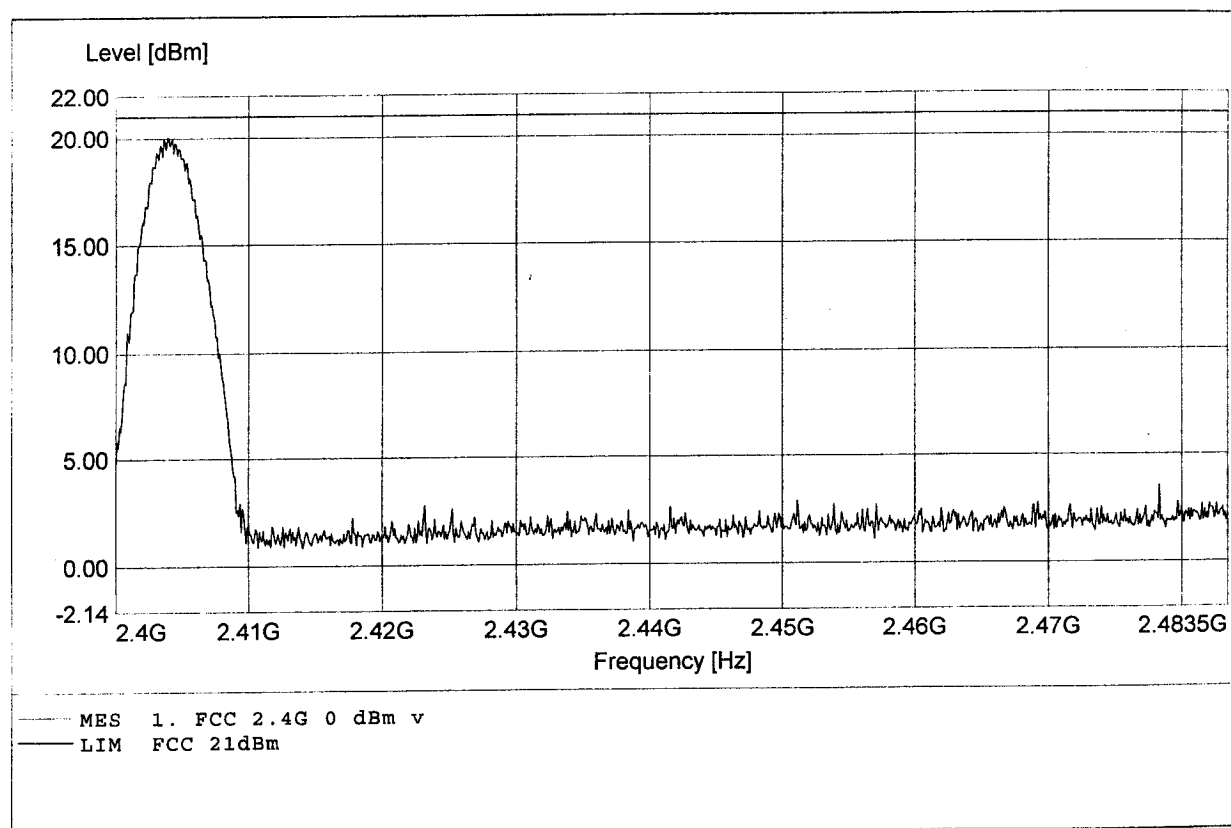
Temperature/ Voltage: 22°C / 110 V +15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2480,62MHz Pmax:16,19dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:0)
Applicant: Höft & Wessel AG

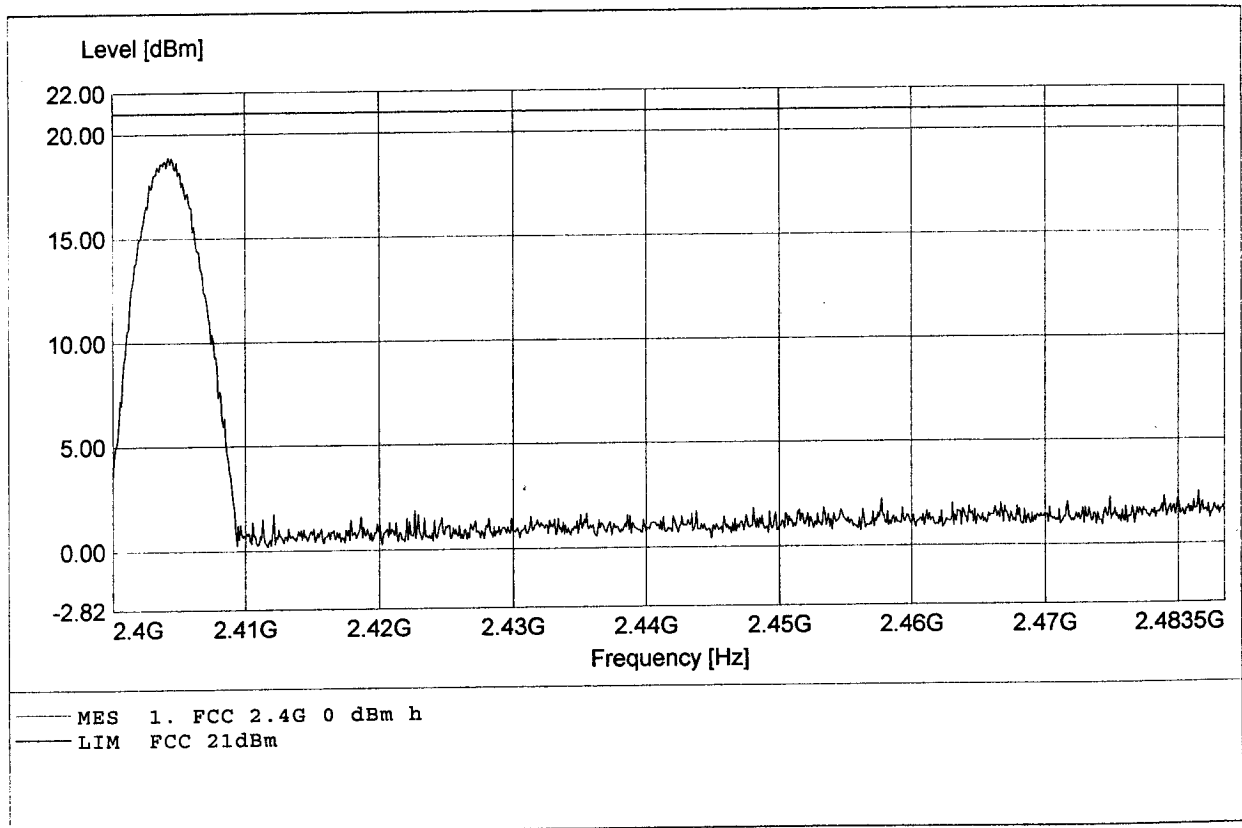
Temperature/ Voltage: 22°C / 110 V -15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2403,89MHz Pmax:20,04dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:0)
Applicant: Höft & Wessel AG

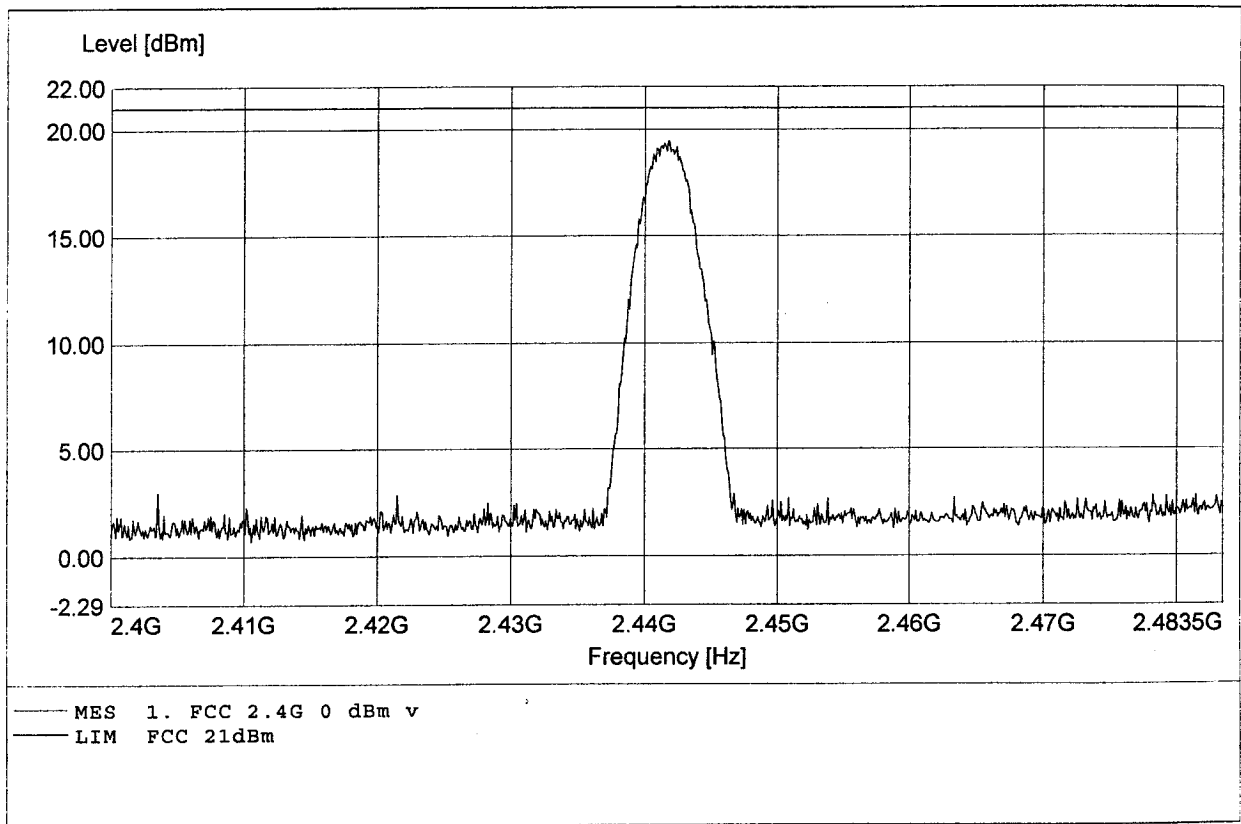
Temperature/ Voltage: 22°C / 110 V -15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2404,17MHz Pmax:18,88dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:23)
Applicant: Höft & Wessel AG

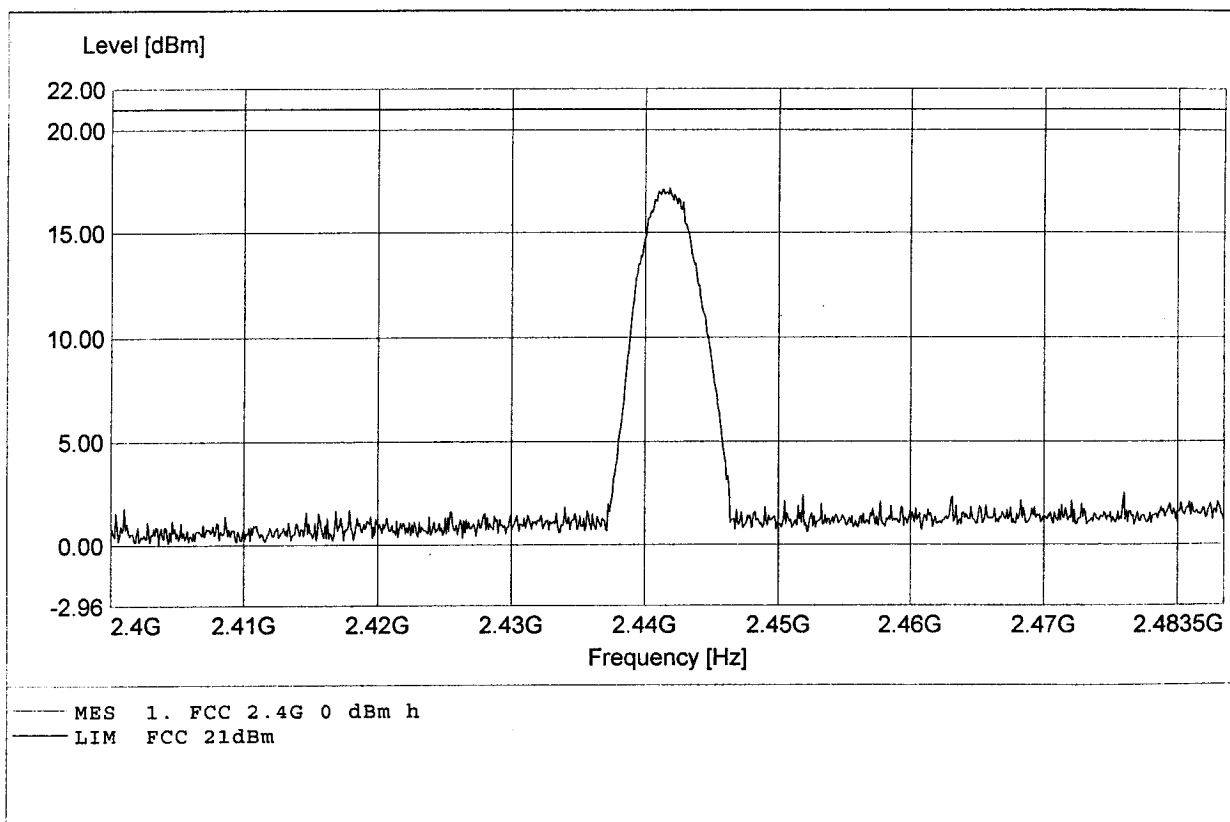
Temperature/ Voltage: 22°C / 110 V -15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2441,74MHz Pmax:19,45dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:23)
Applicant: Höft & Wessel AG

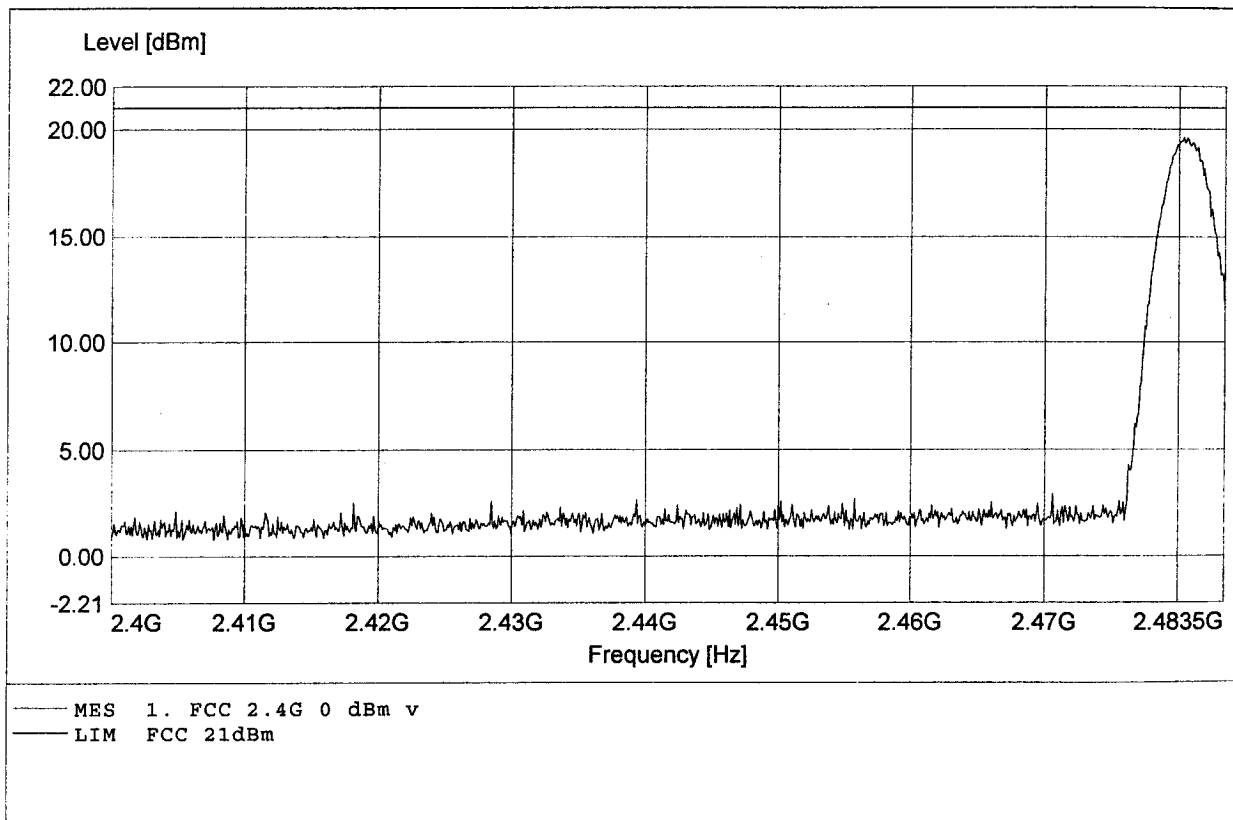
Temperature/ Voltage: 22°C / 110 V -15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2441,84MHz Pmax:17,17dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:47)
Applicant: Höft & Wessel AG

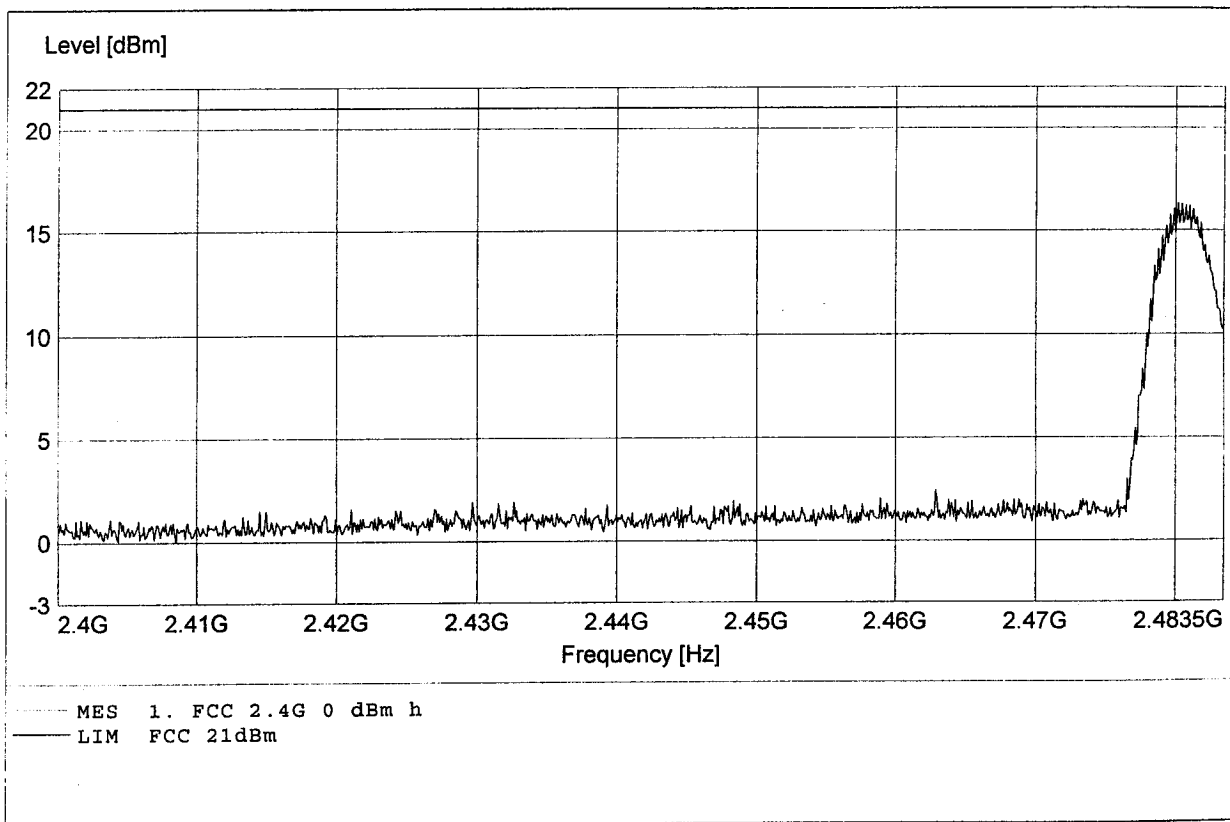
Temperature/ Voltage: 22°C / 110 V -15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2480,34MHz Pmax:19,64dBm RBW:4MHz



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

EUT/Model : Base station for RF-network (2.45 GHz) / HW 8660 (Ch:47)
Applicant: Höft & Wessel AG

Temperature/ Voltage: 22°C / 110 V -15% (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 / FCC 00-312
Comment 1: Dist.: 1m, Ant.: HL025
Comment 2: Freq:2480,15MHz Pmax:16,31dBm RBW:4MHz



Appendix C

Spurious Emissions radiated - Transmitter operating

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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

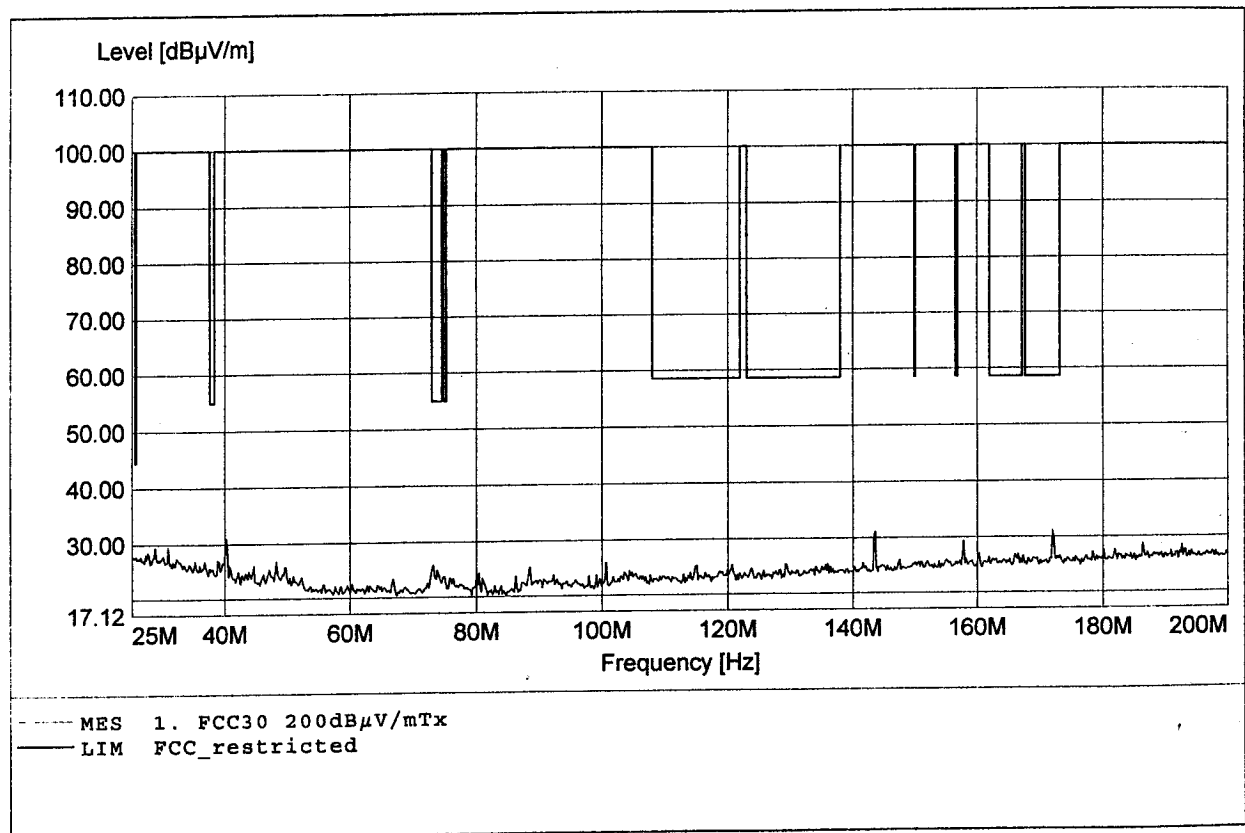
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HK 116

Comment 2: Freq:143,61MHz Pmax:31,12dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

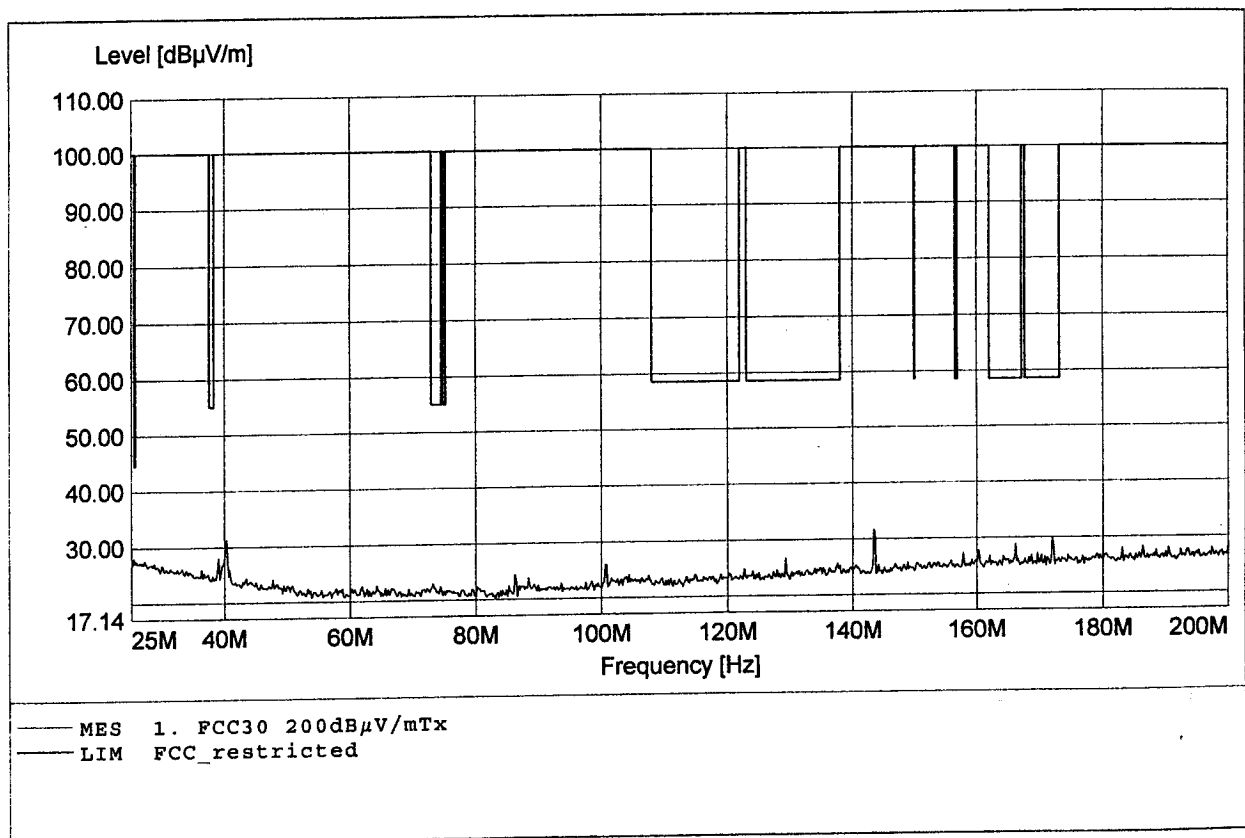
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HK 116

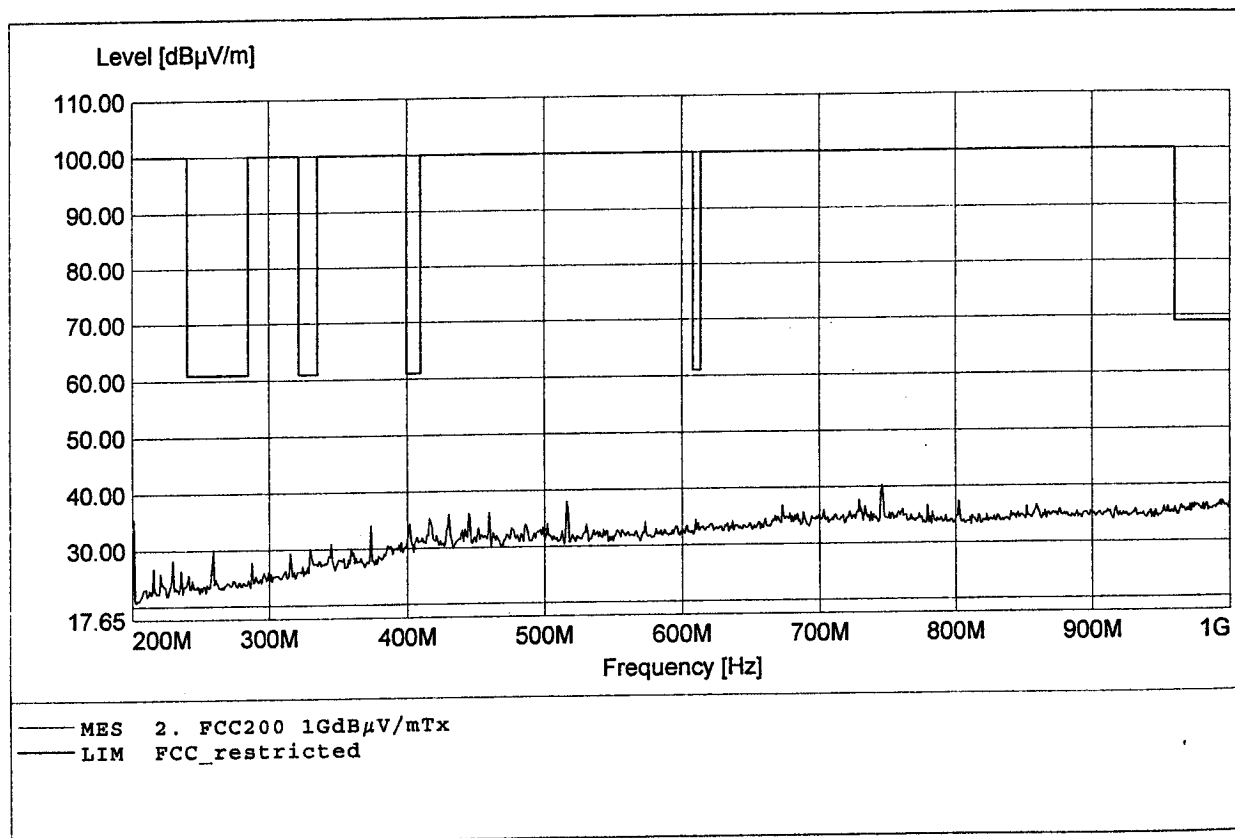
Comment 2: Freq:143,41MHz Pmax:31,57dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

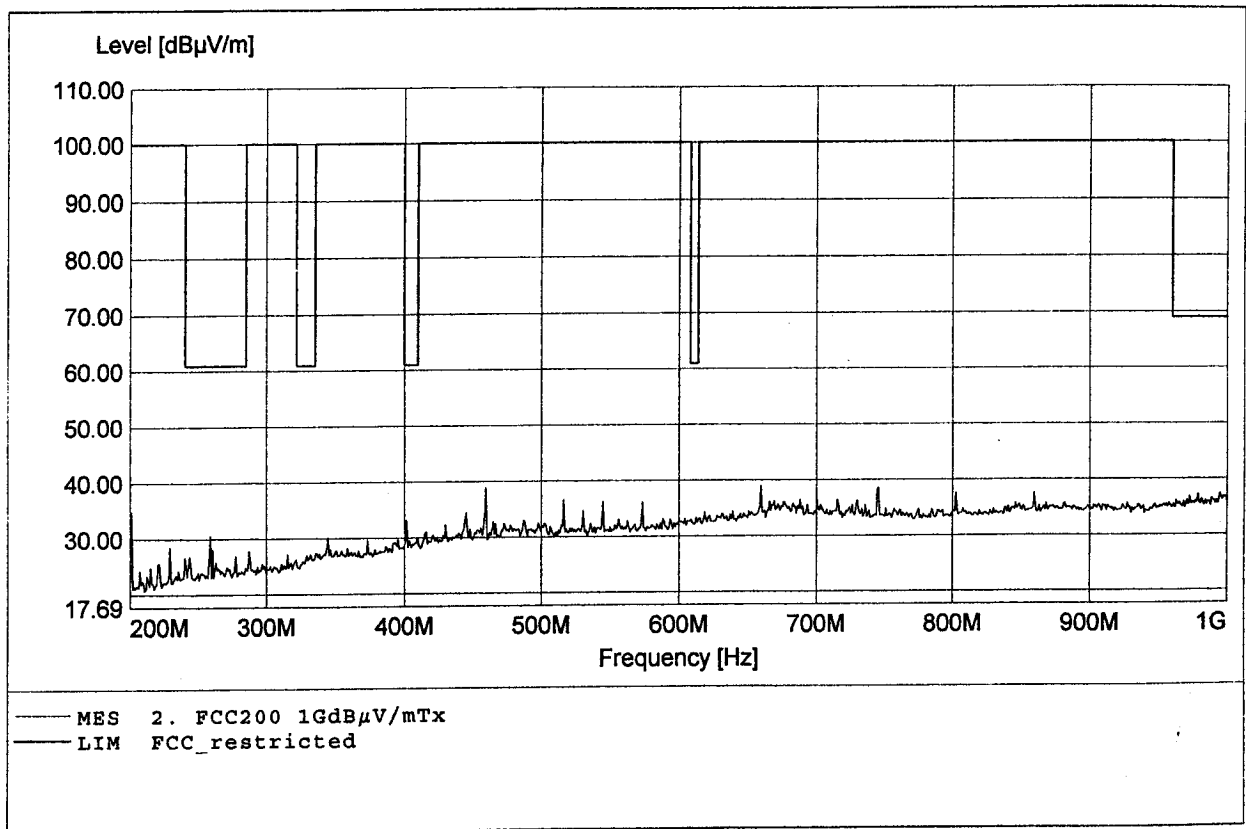
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:745,77MHz Pmax:40,27dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 659,06MHz Pmax: 39,6dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

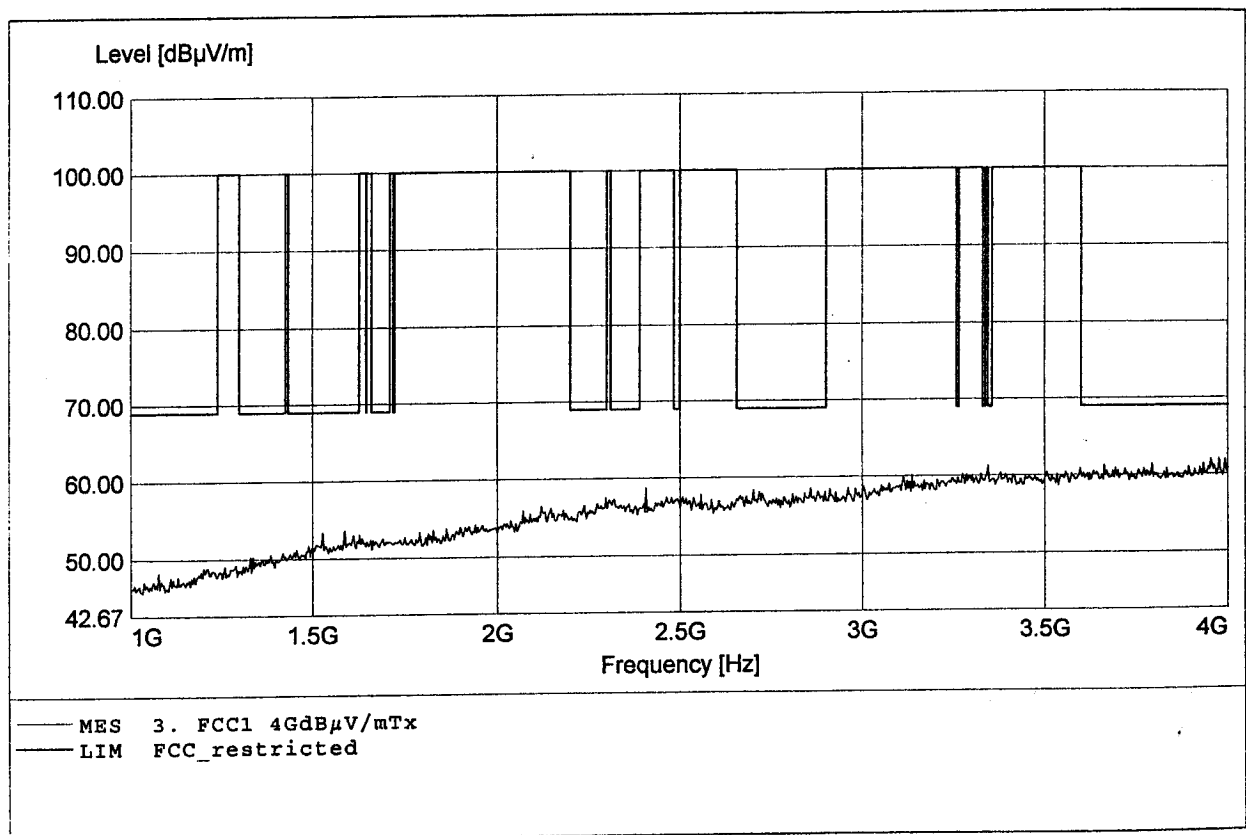
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL025

Comment 2: Freq:3976,66MHz Pmax:61,98dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

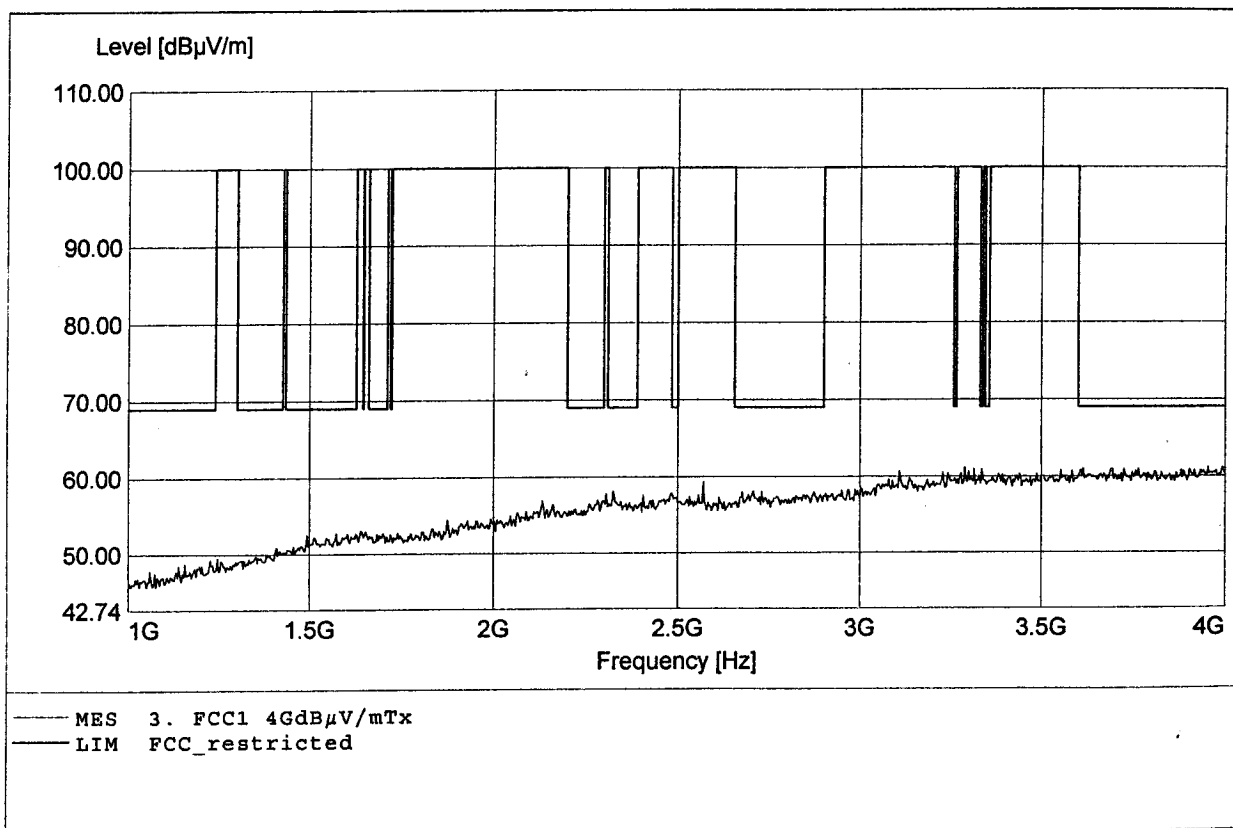
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL025

Comment 2: Freq:3290,00MHz Pmax:61,16dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

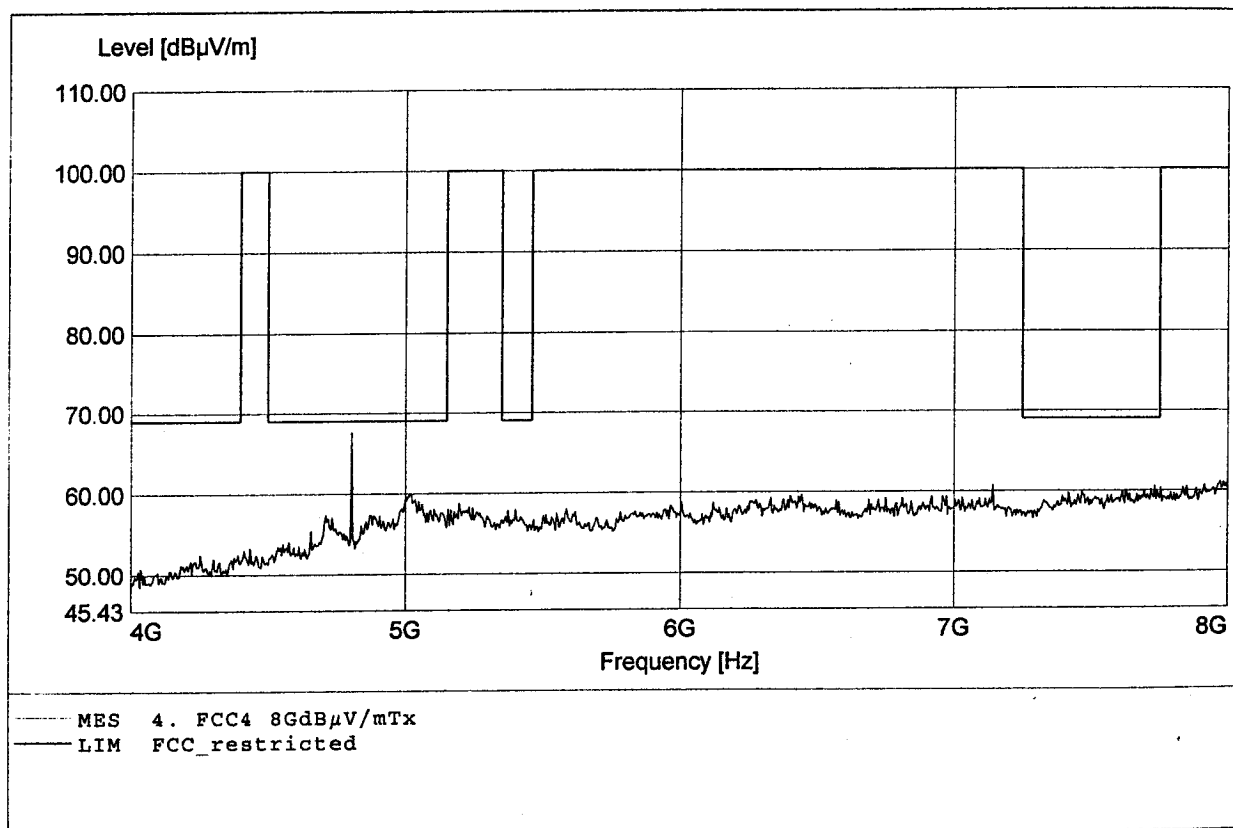
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

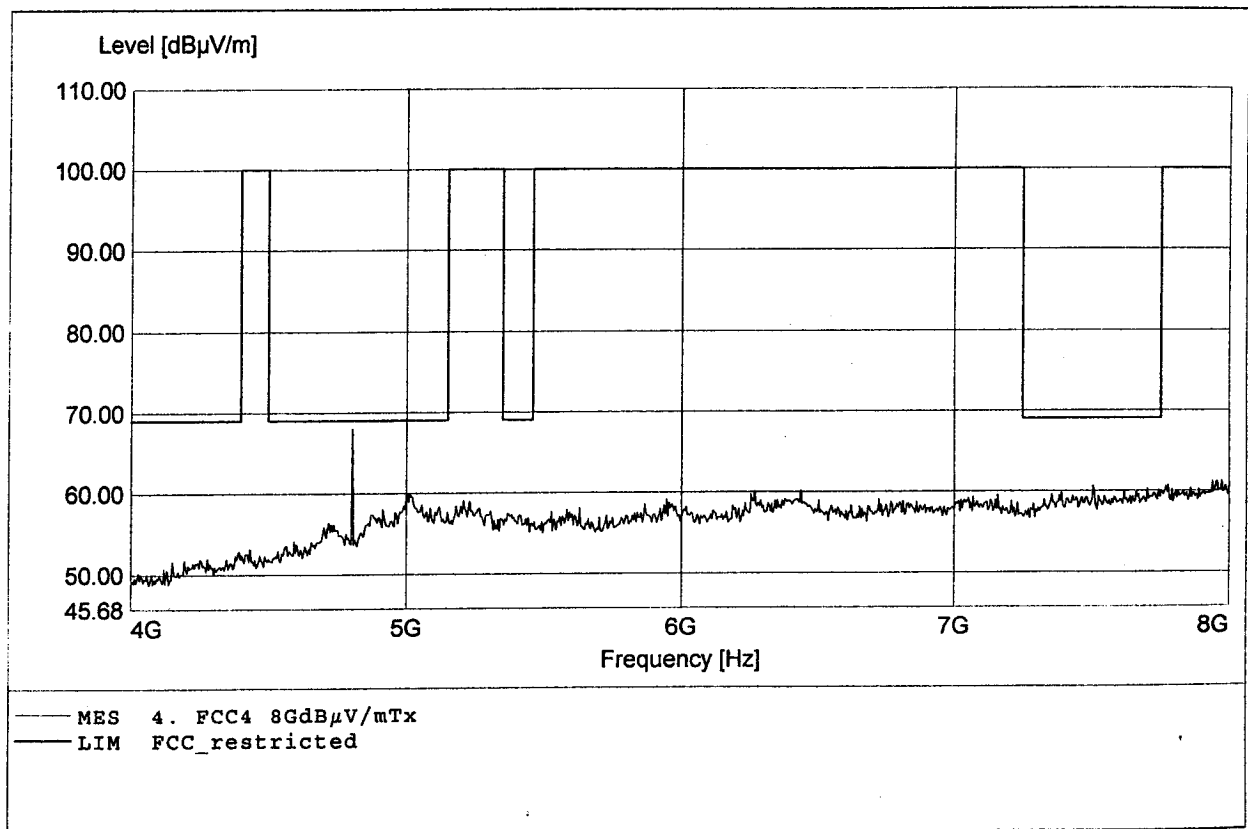
Comment 2: Freq:4804,44MHz Pmax:67,58dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:4804,02MHz Pmax:68,2dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Hoft & Wessel AG

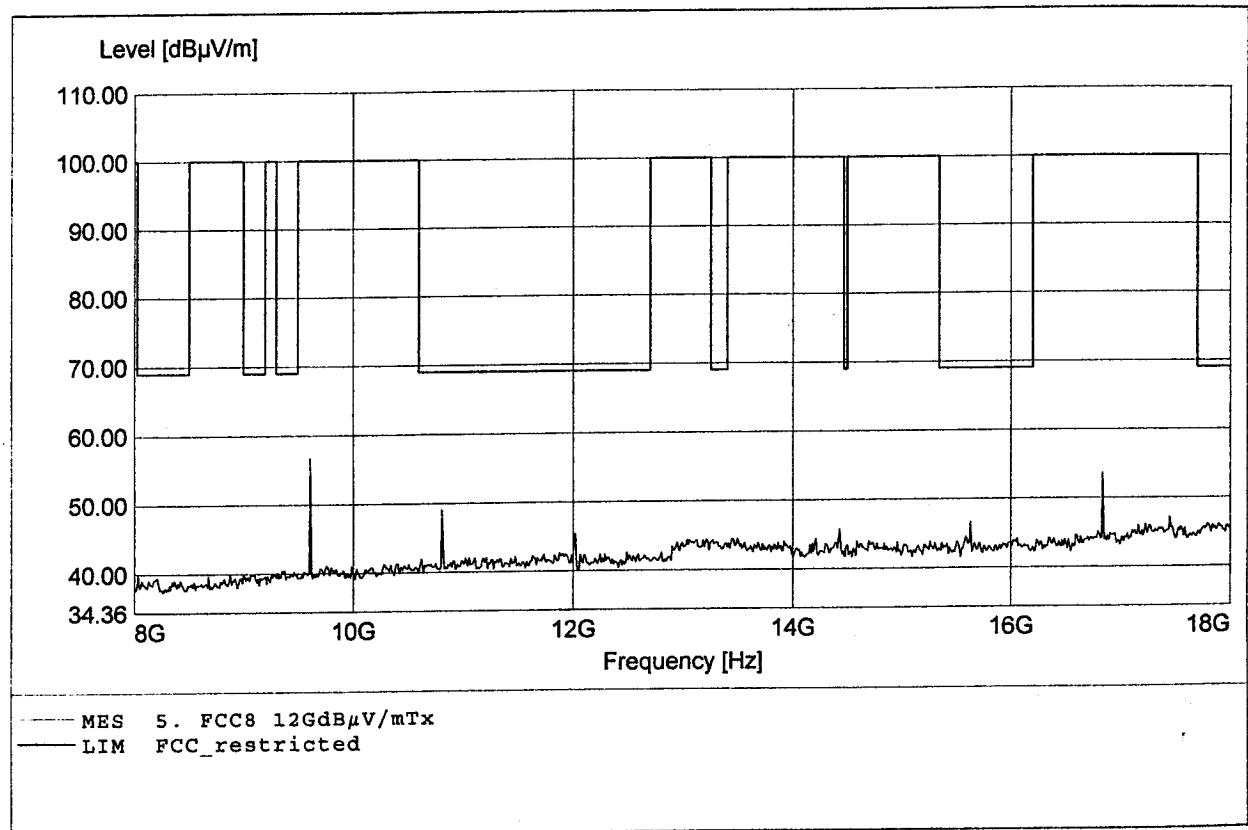
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Comment 2: Freq:9611,11MHz Pmax:56,82dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

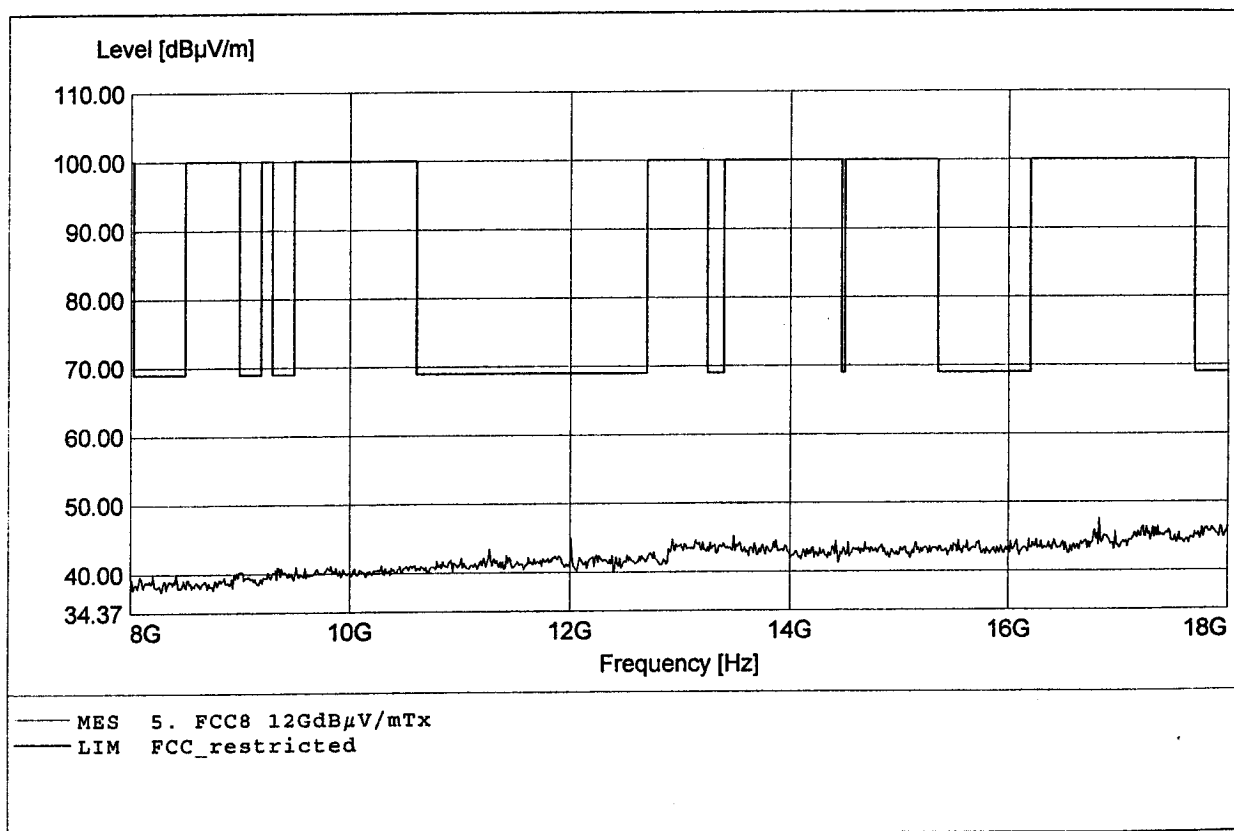
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

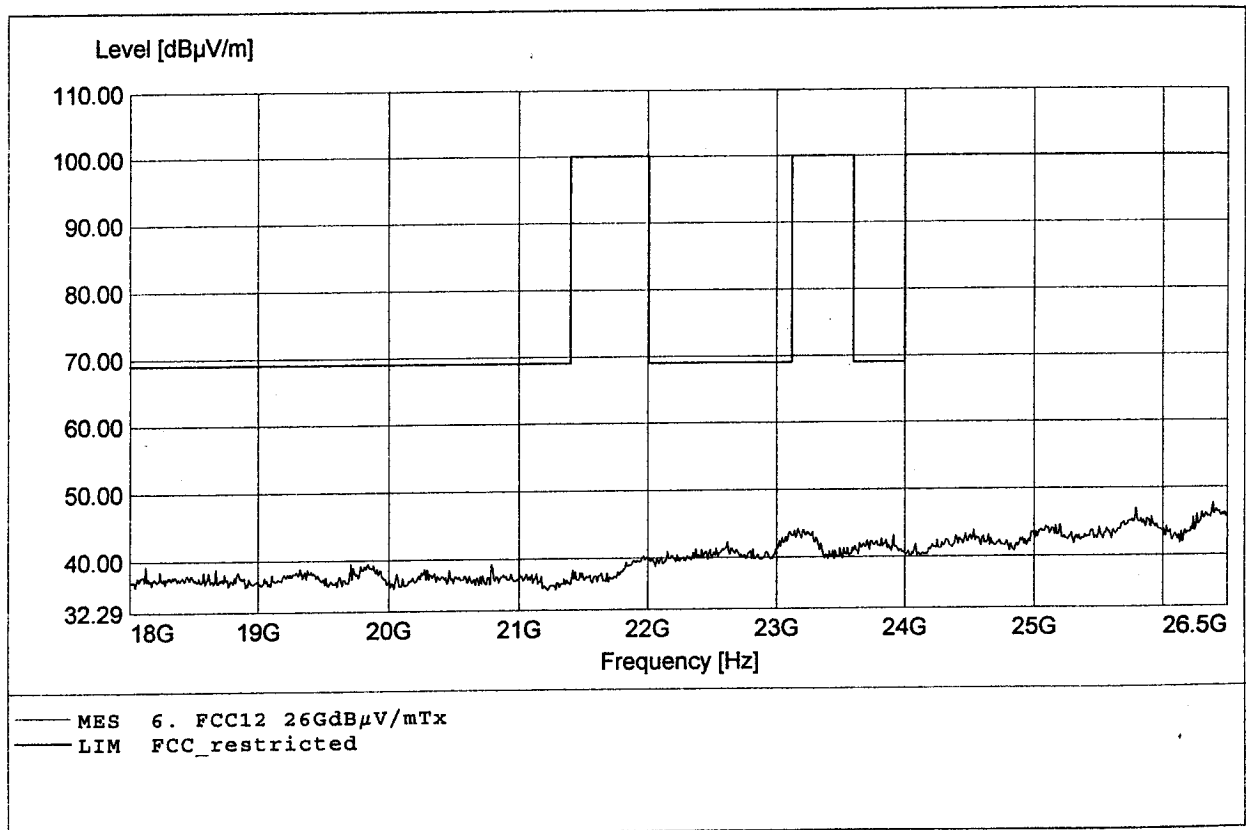
Comment 2: Freq:16833,33MHz Pmax:47,68dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:26386,66MHz Pmax:47,63dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:0)
Applicant: Höft & Wessel AG

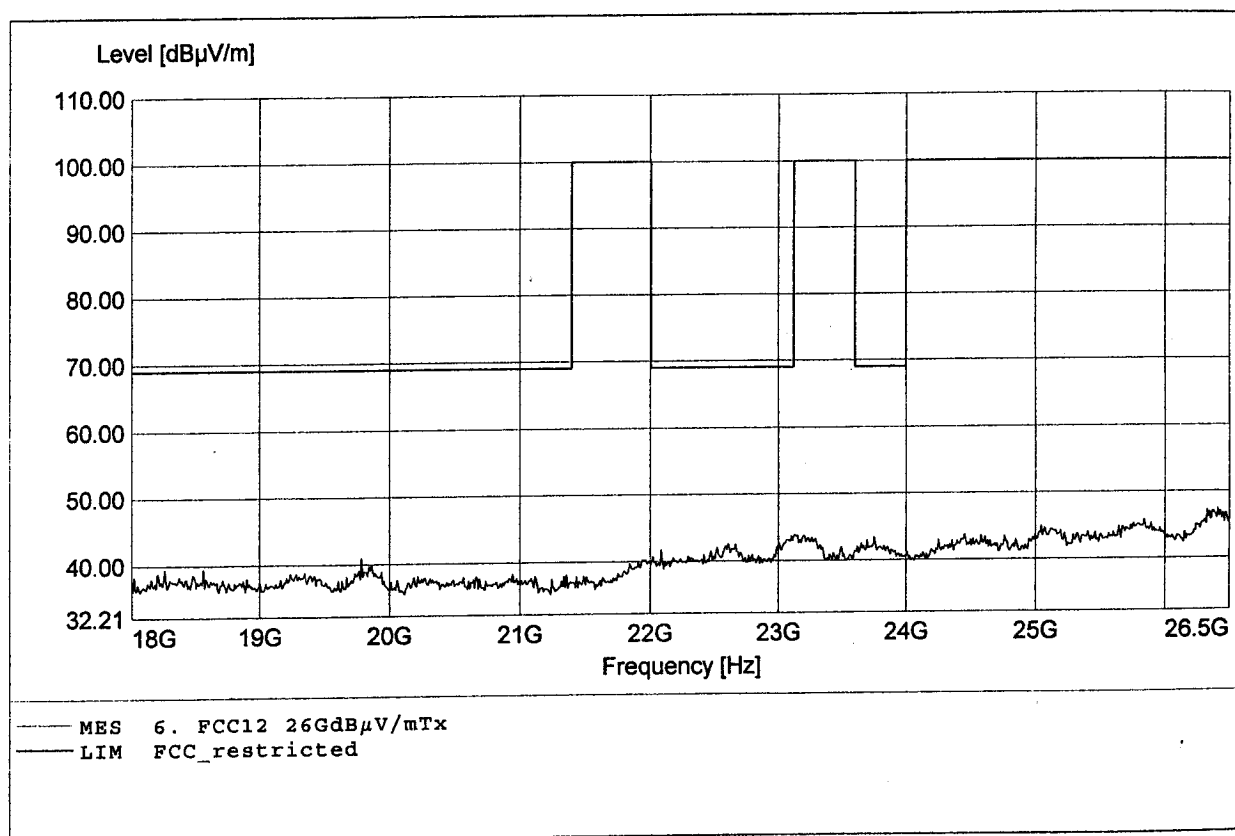
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL025, amplif.

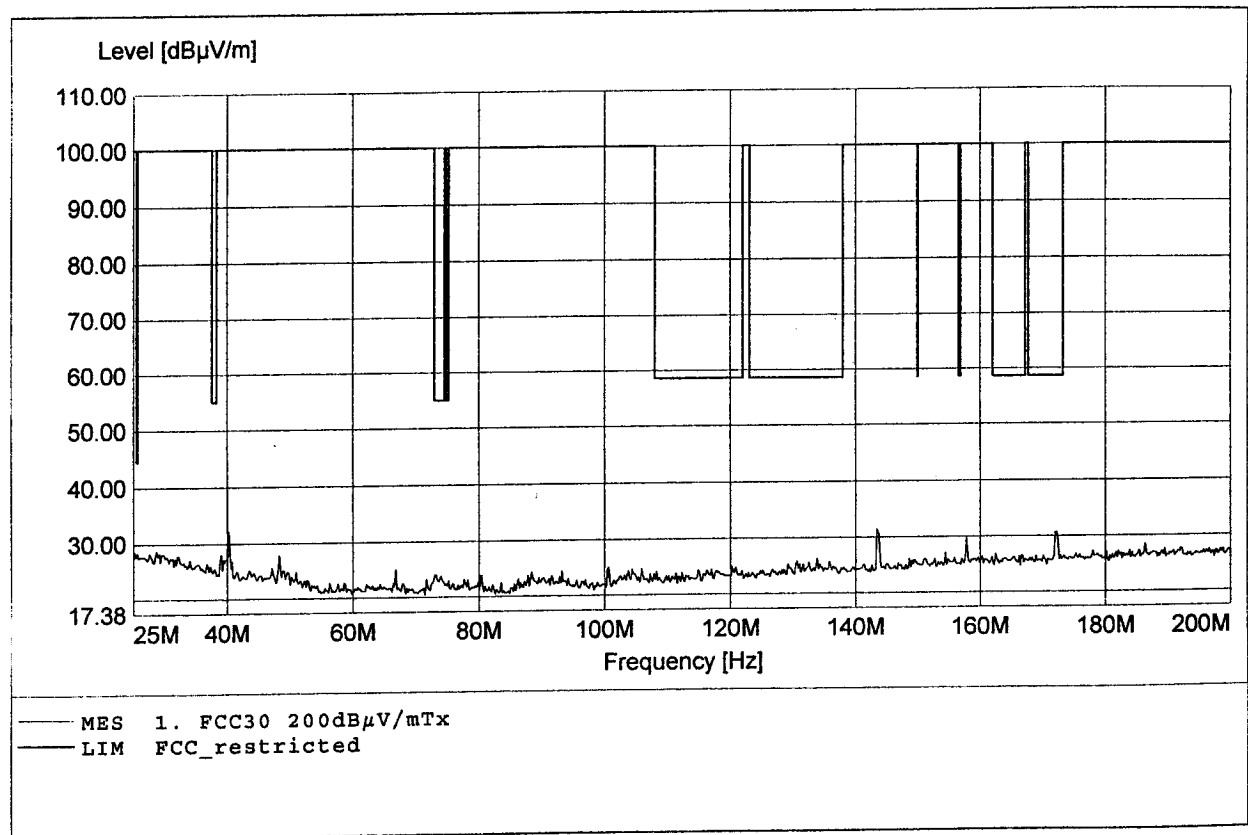
Comment 2: Freq:26414,99MHz Pmax:47,38dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: HÖft & Wessel AG

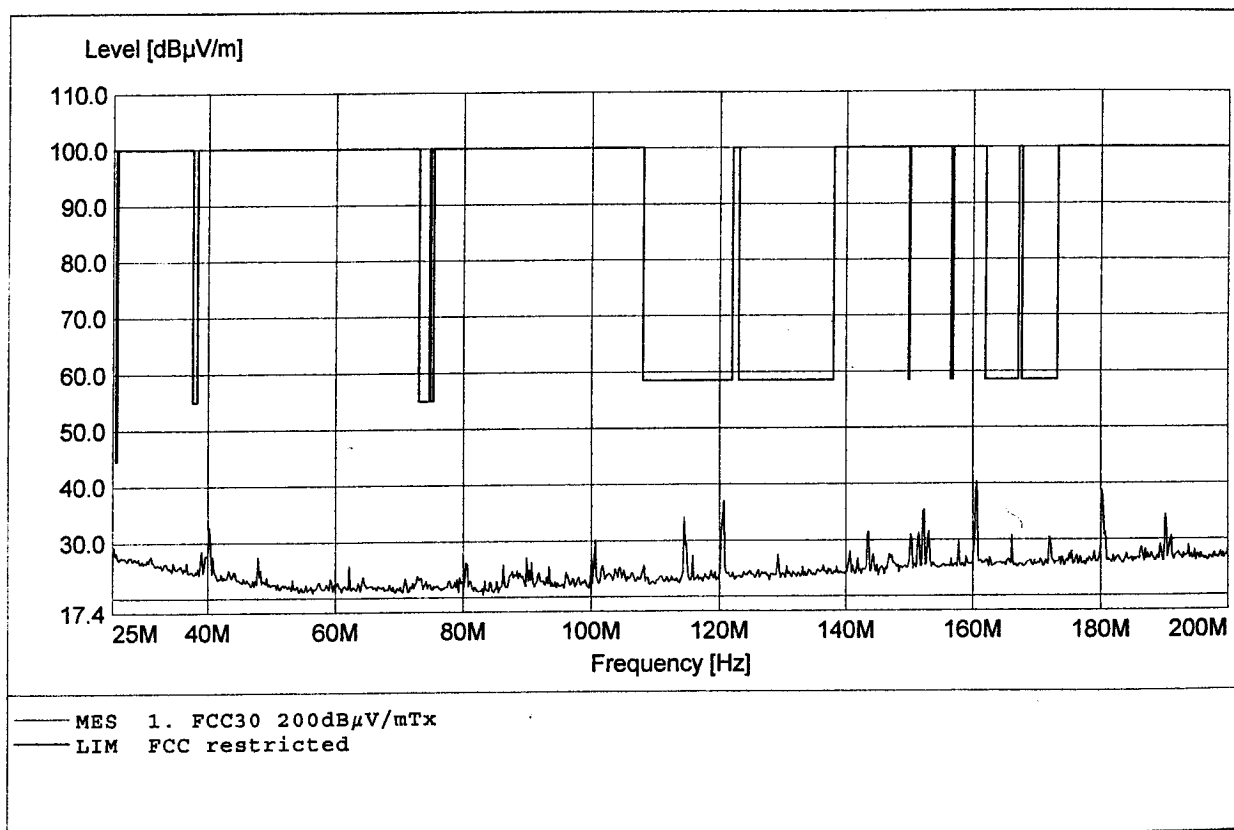
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:40,16MHz Pmax:32,16dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

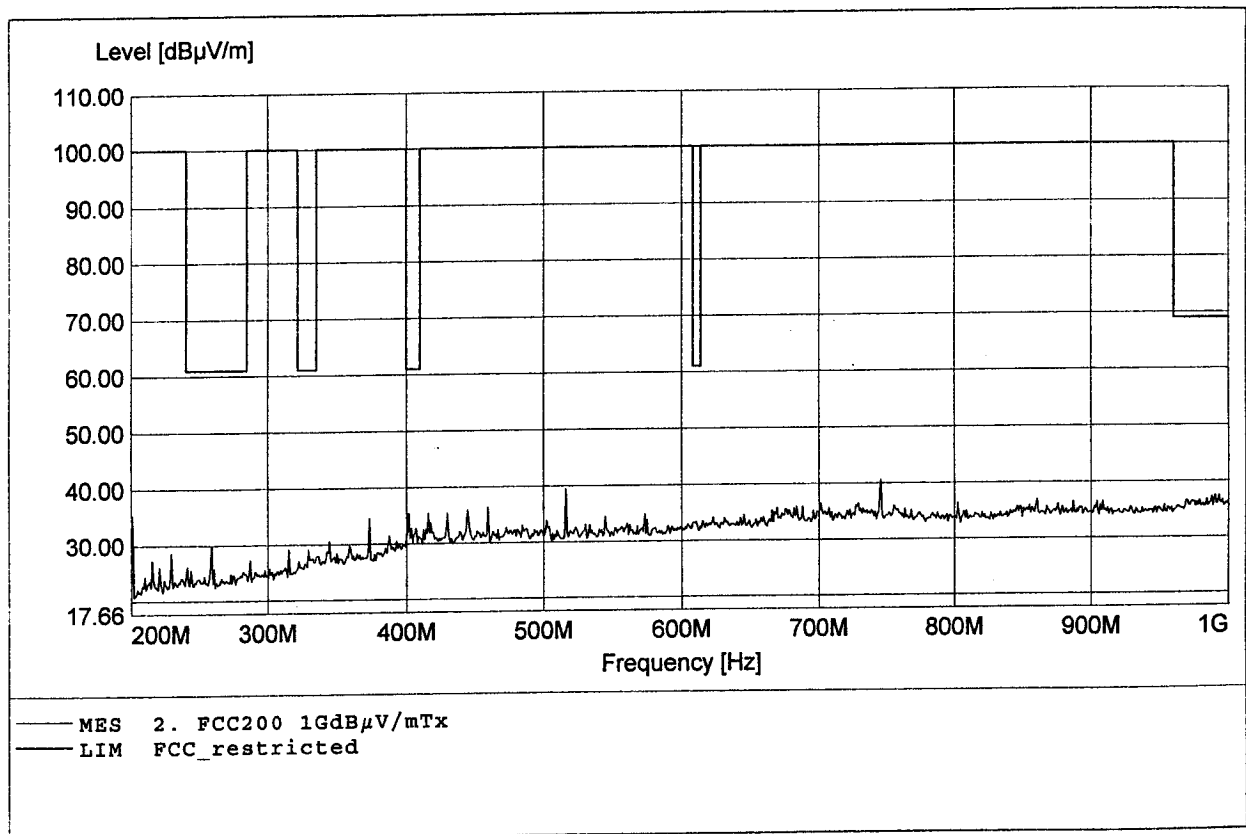
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:160,72MHz Pmax:40,35dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:745,77MHz Pmax:40,63dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

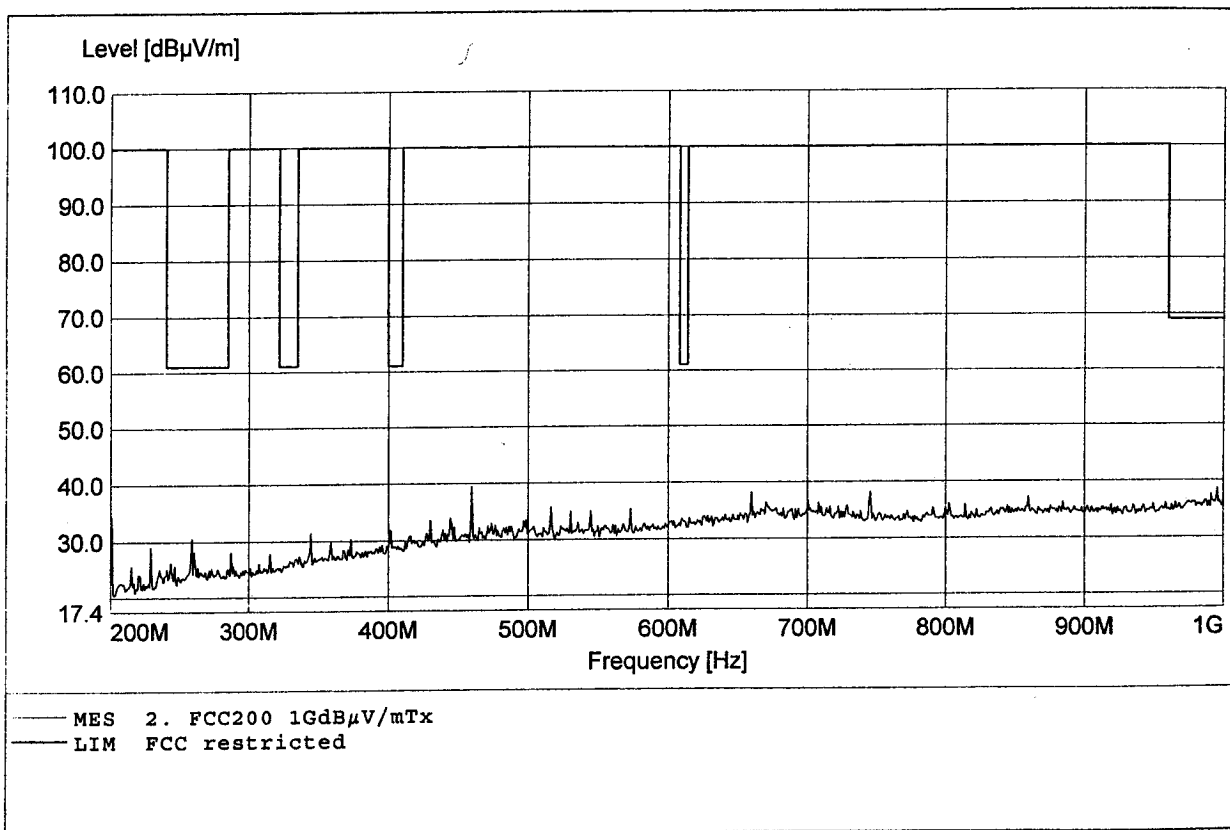
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL 223

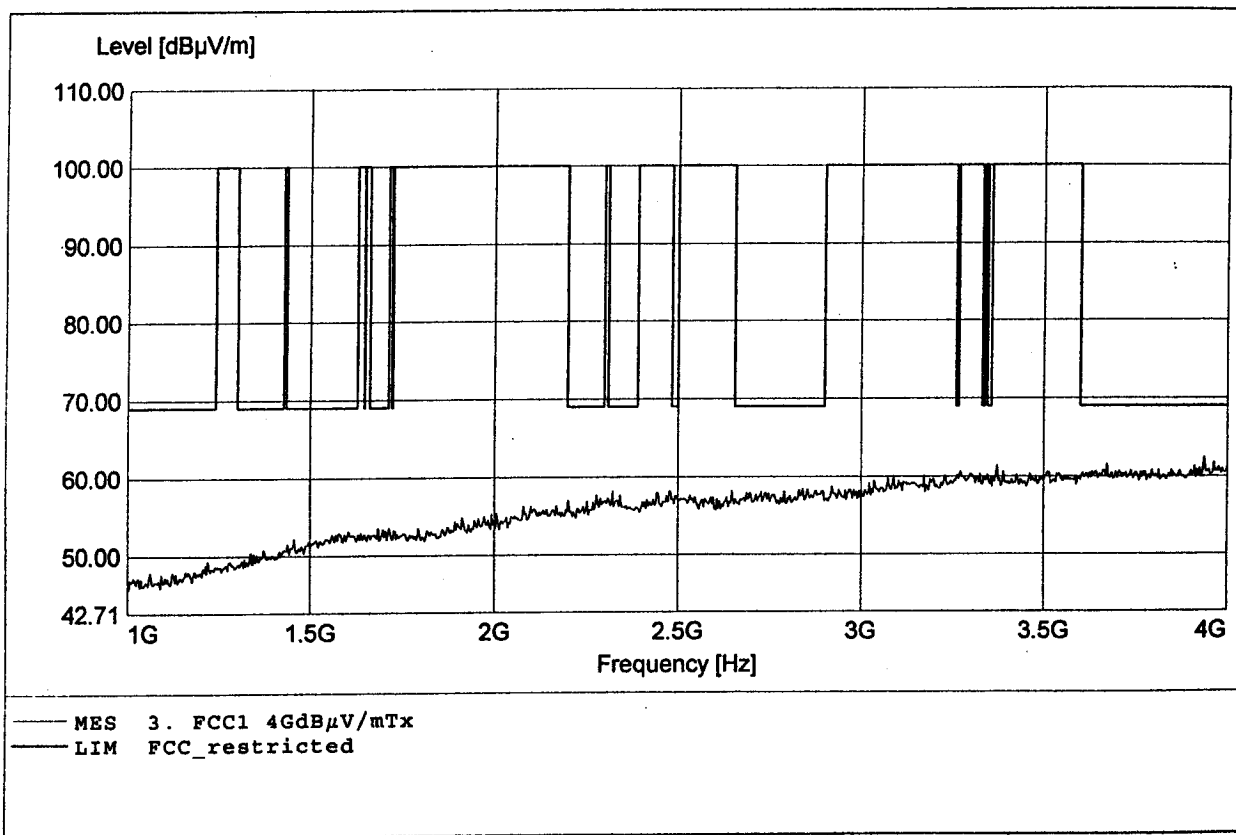
Comment 2: Freq:459,55MHz Pmax:39,43dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

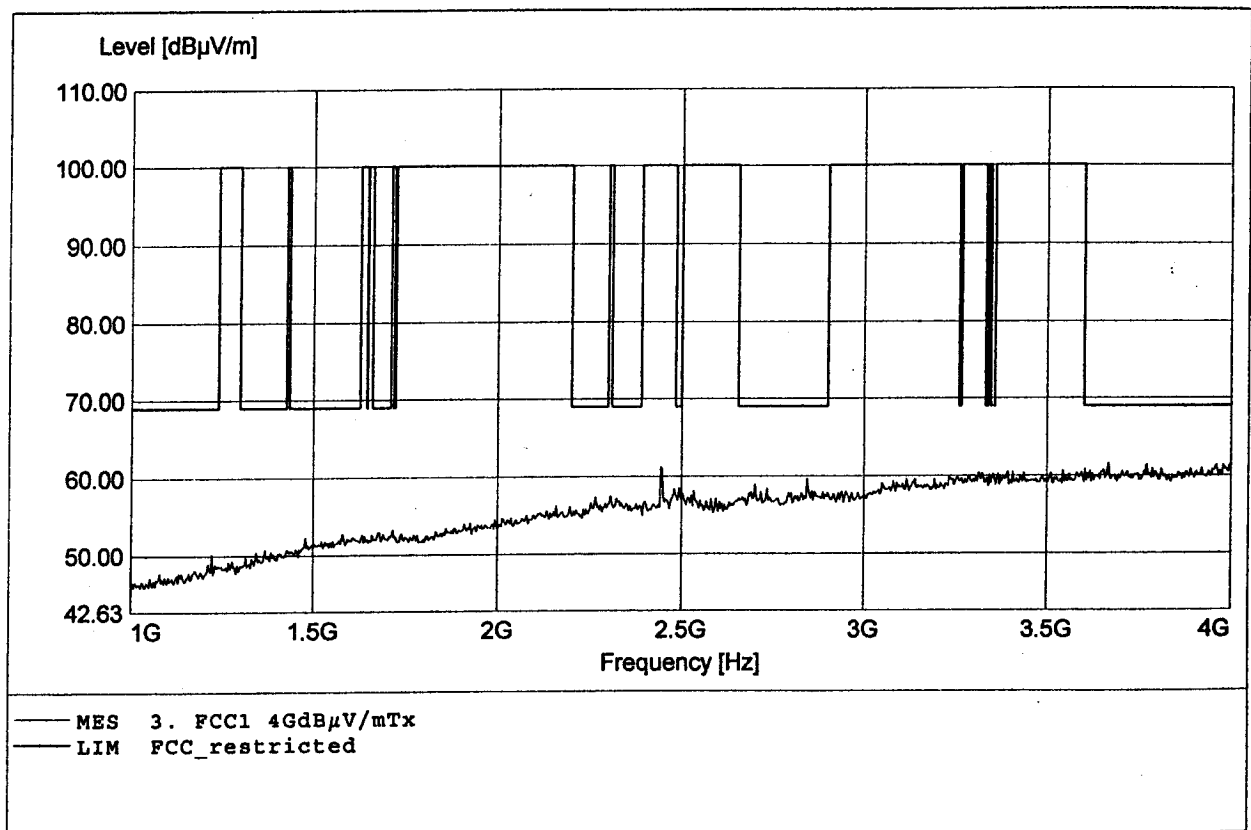
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:745,77MHz Pmax:38,98dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Hoft & Wessel AG

Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:745,77MHz Pmax:38,98dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

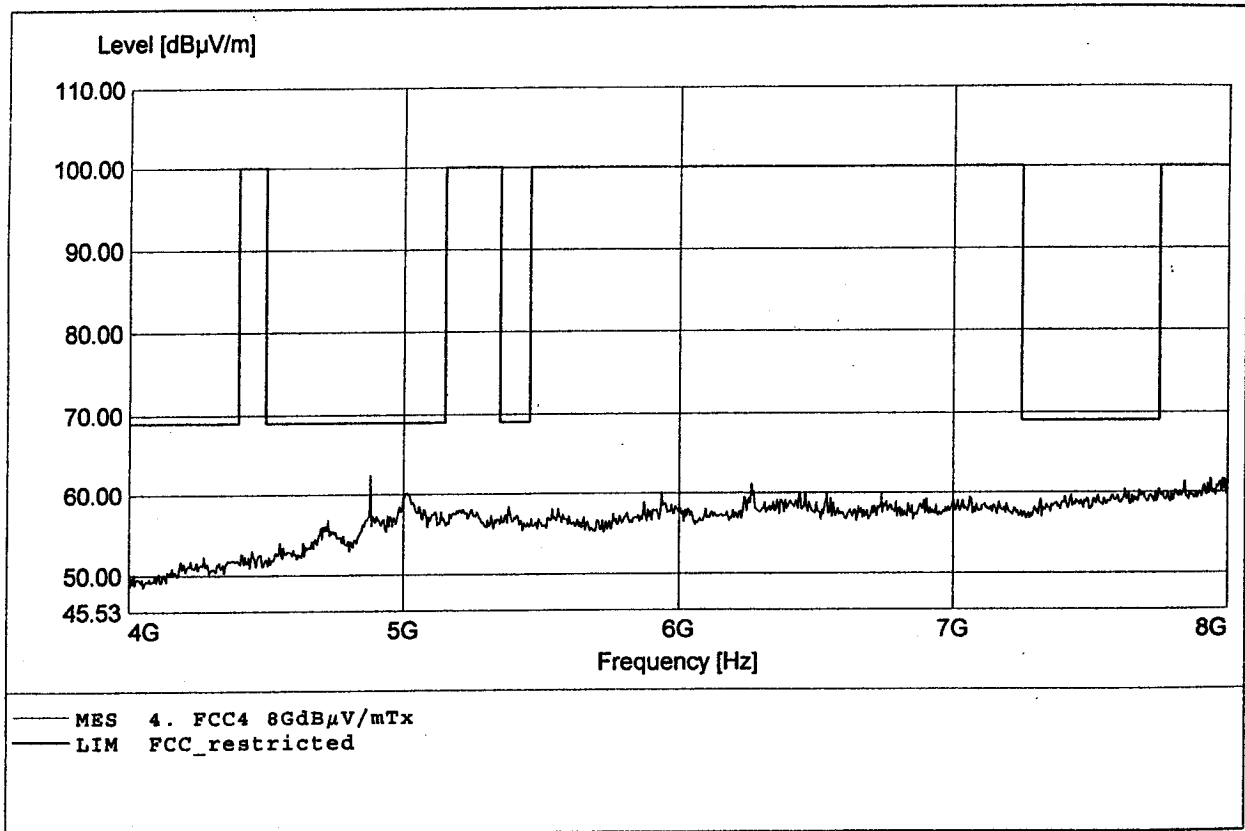
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL 223

Comment 2: Freq:745,77MHz Pmax:38,98dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

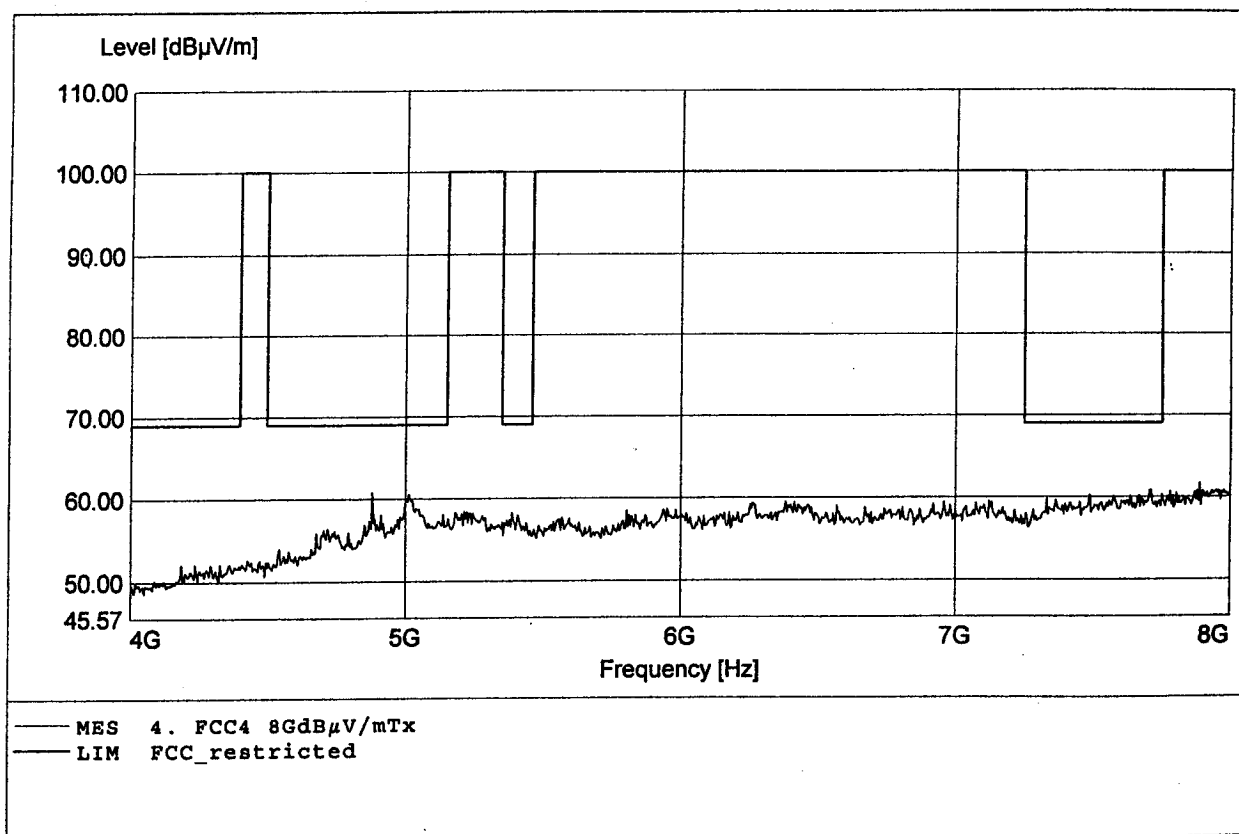
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL 223

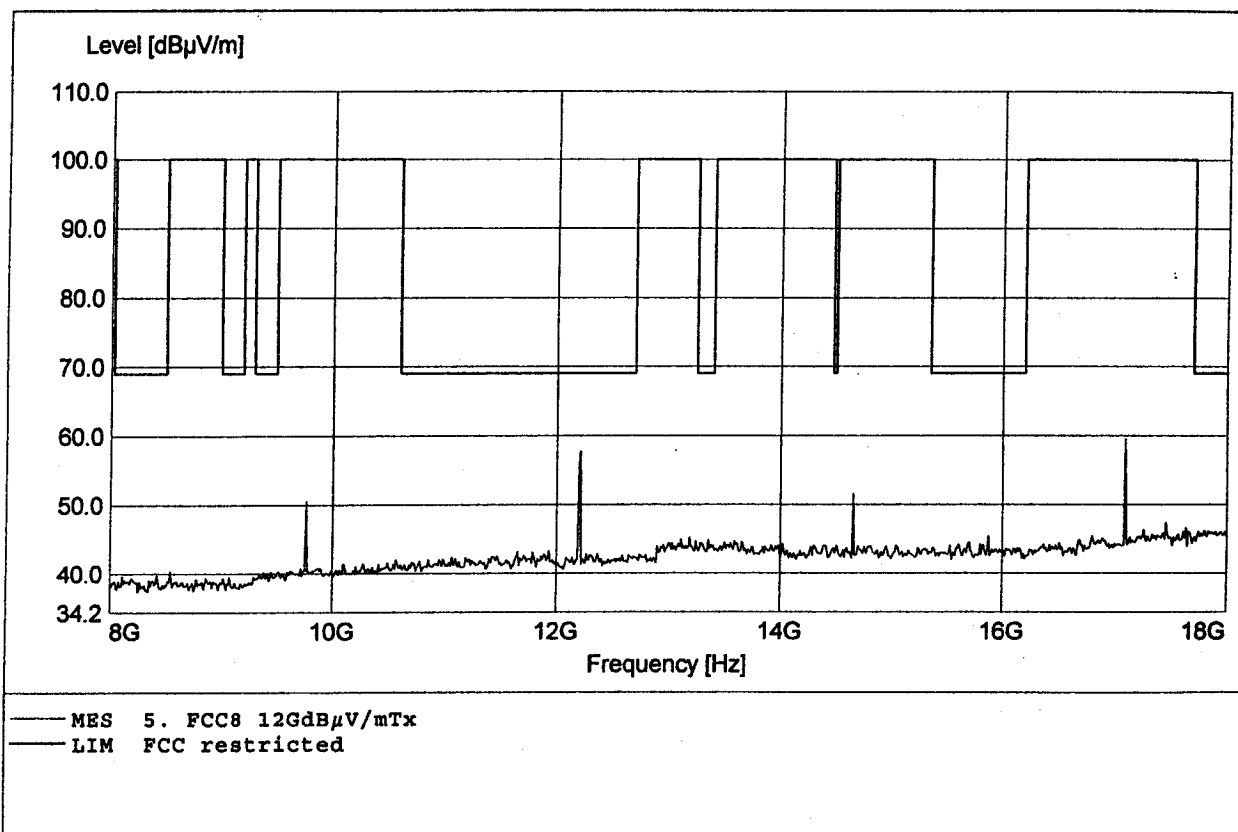
Comment 2: Freq:745,77MHz Pmax:38,98dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq:745,77MHz Pmax:38,98dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Hoft & Wessel AG

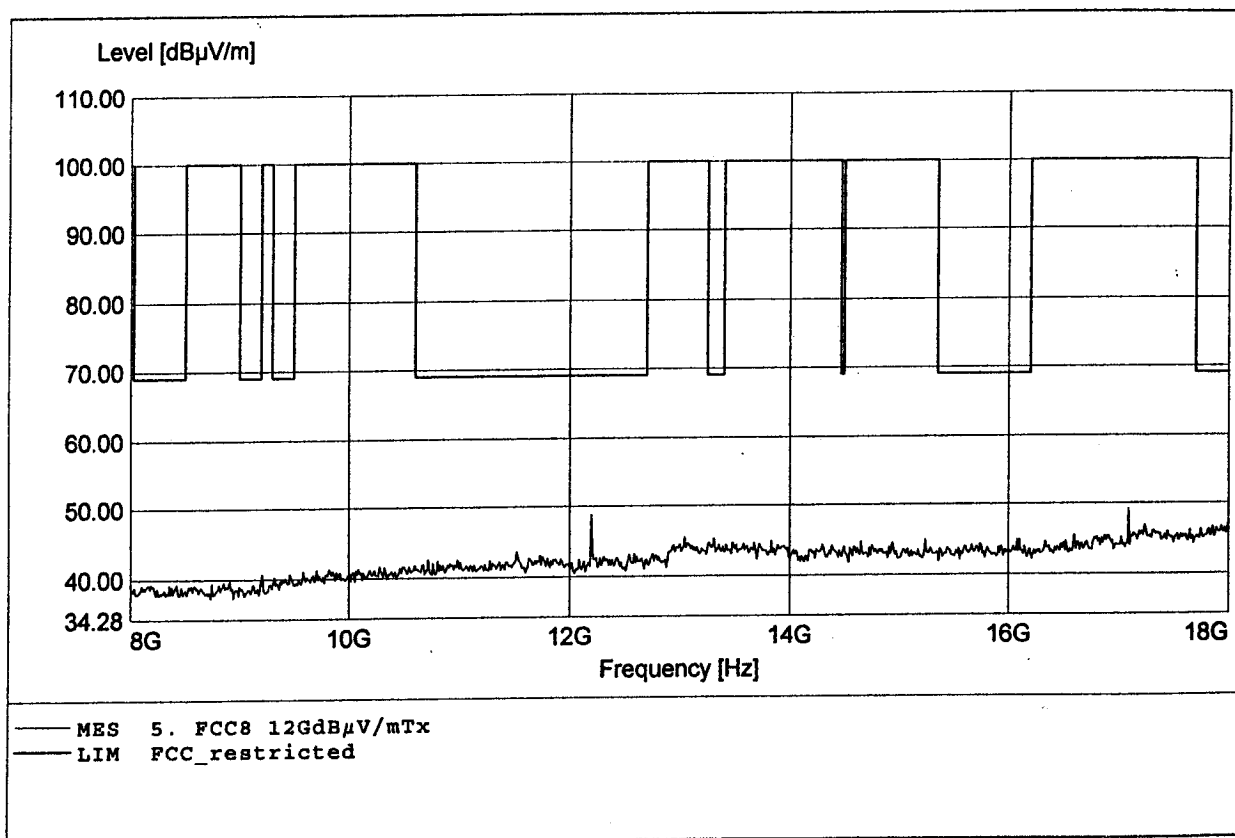
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL 223

Comment 2: Freq:745,77MHz Pmax:38,98dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höff & Wessel AG

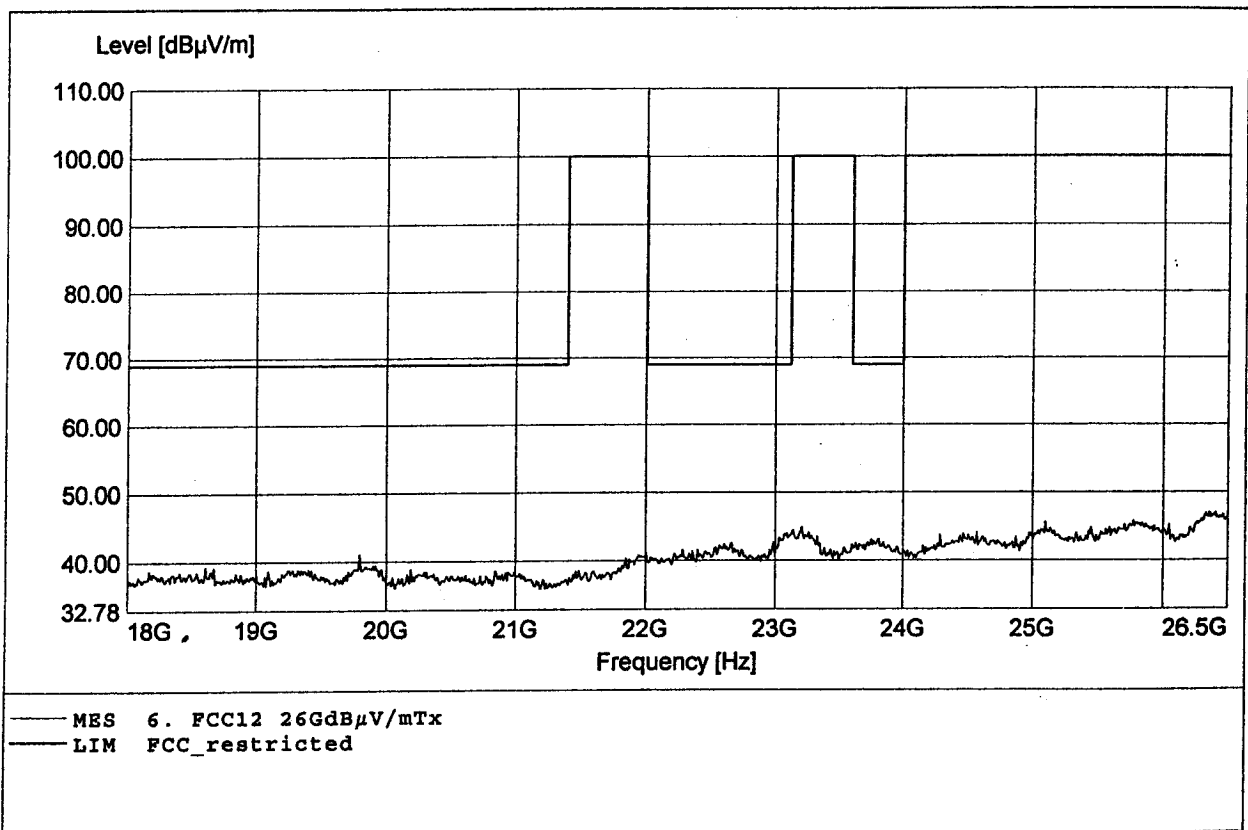
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL 223

Comment 2: Freq:745,77MHz Pmax:38,98dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:23)
Applicant: Höft & Wessel AG

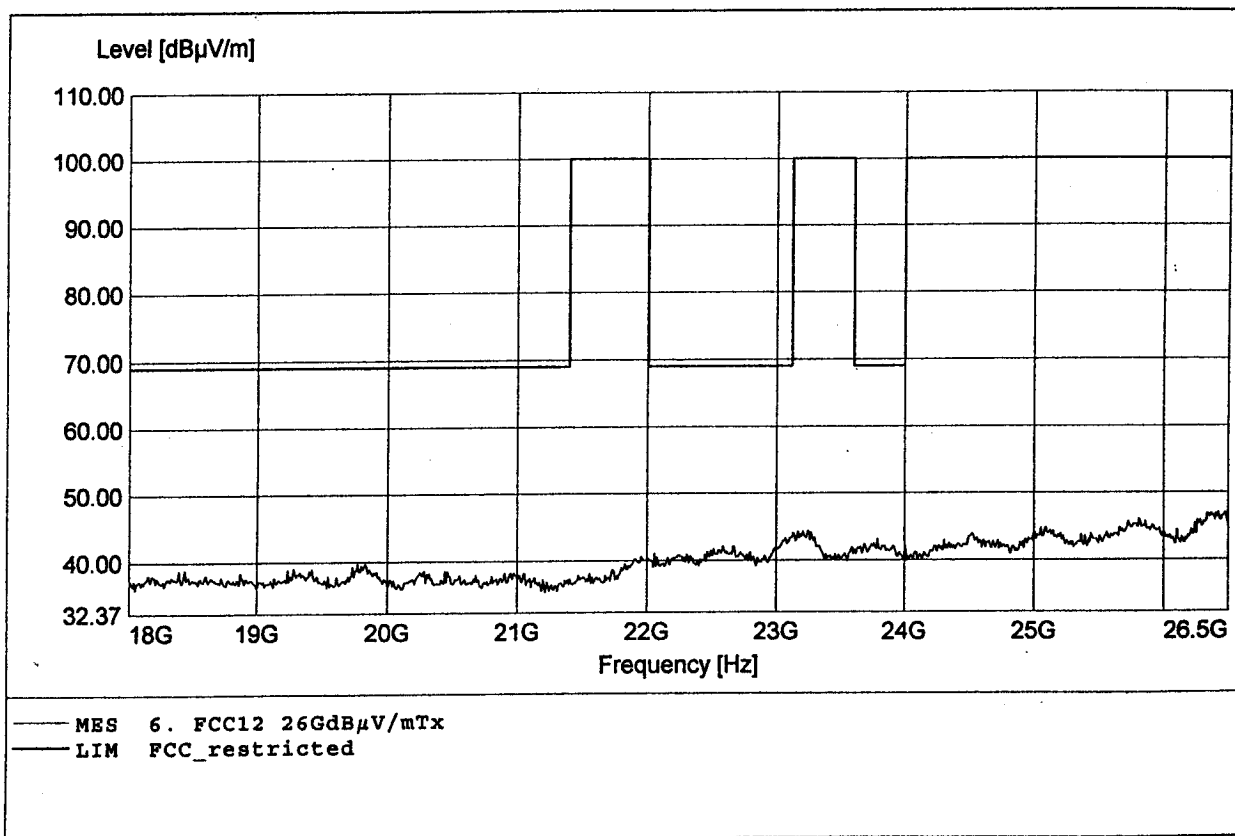
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL 223

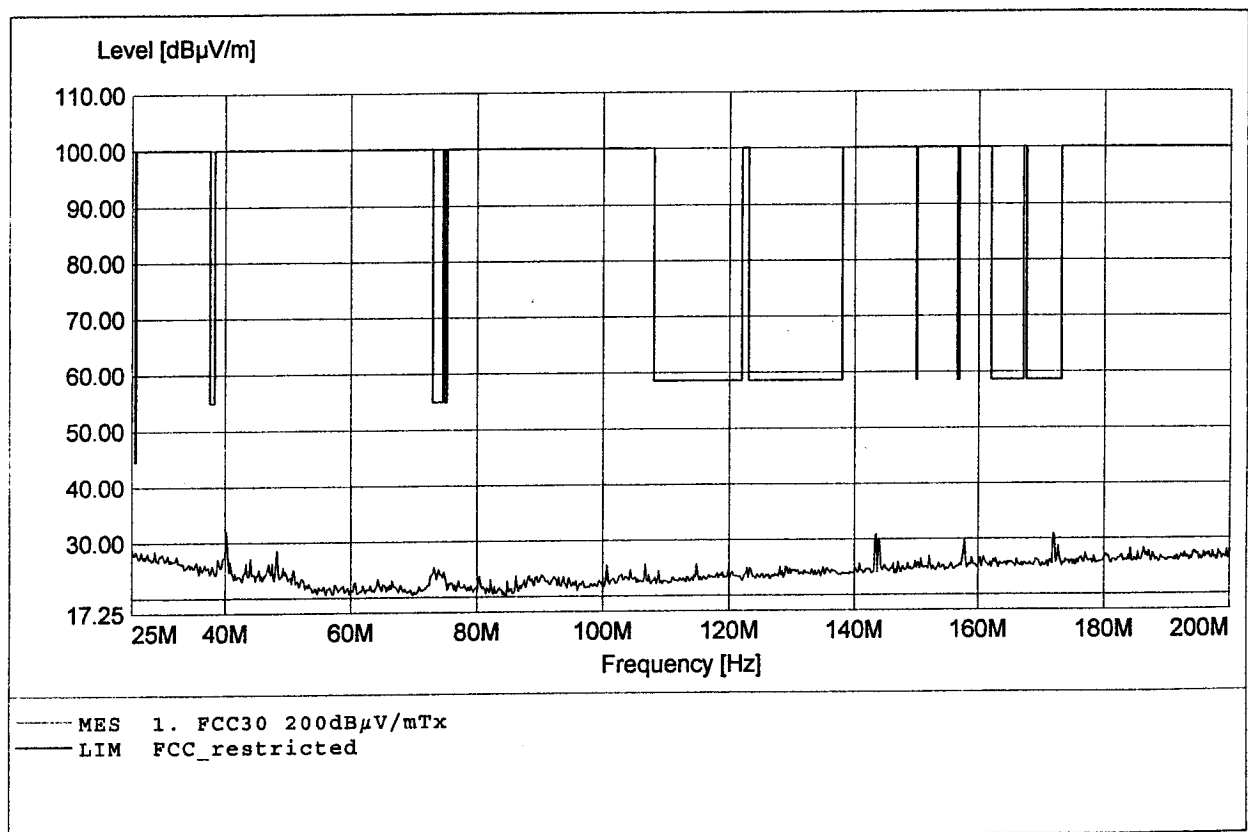
Comment 2: Freq:745,77MHz Pmax:38,98dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:40,01MHz Pmax:32,1dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

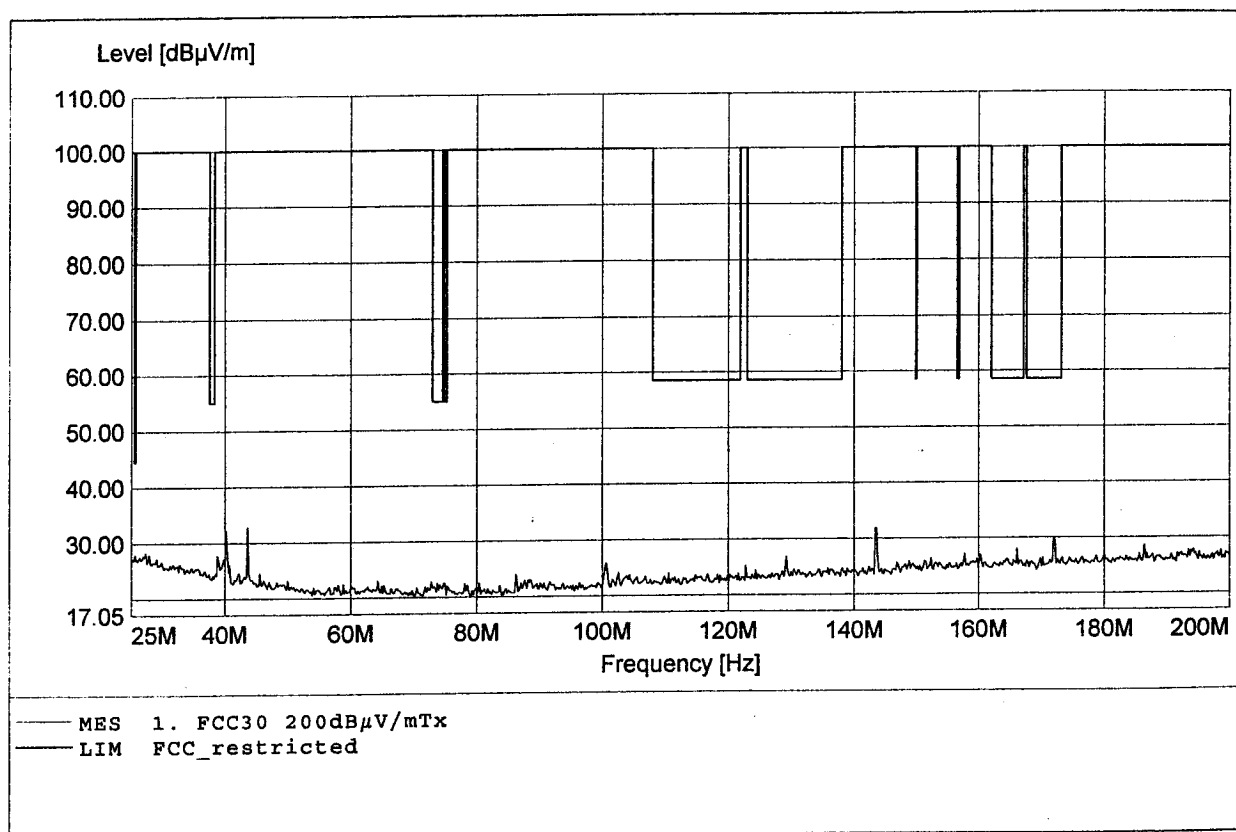
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HK 116

Comment 2: Freq:43,66MHz Pmax:32,76dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

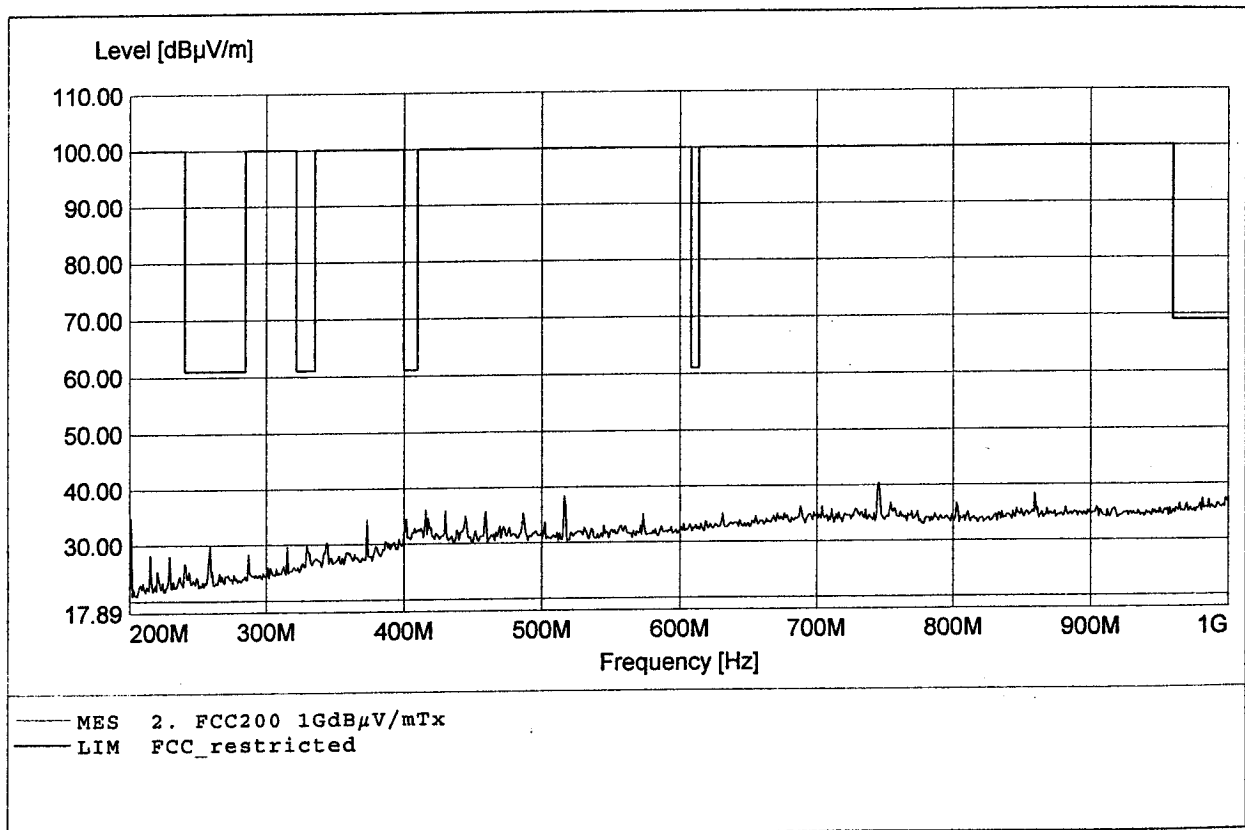
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL 223

Comment 2: Freq:745,77MHz Pmax:40,45dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

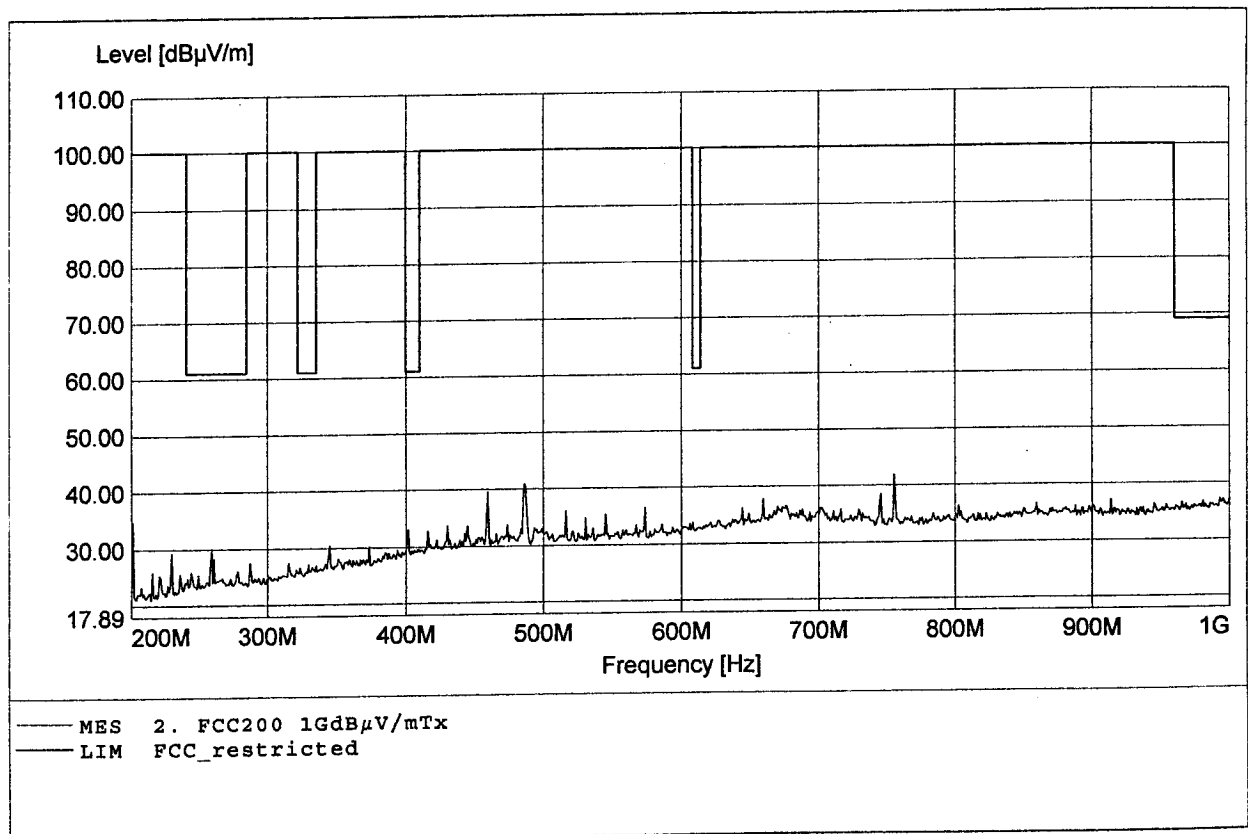
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL 223

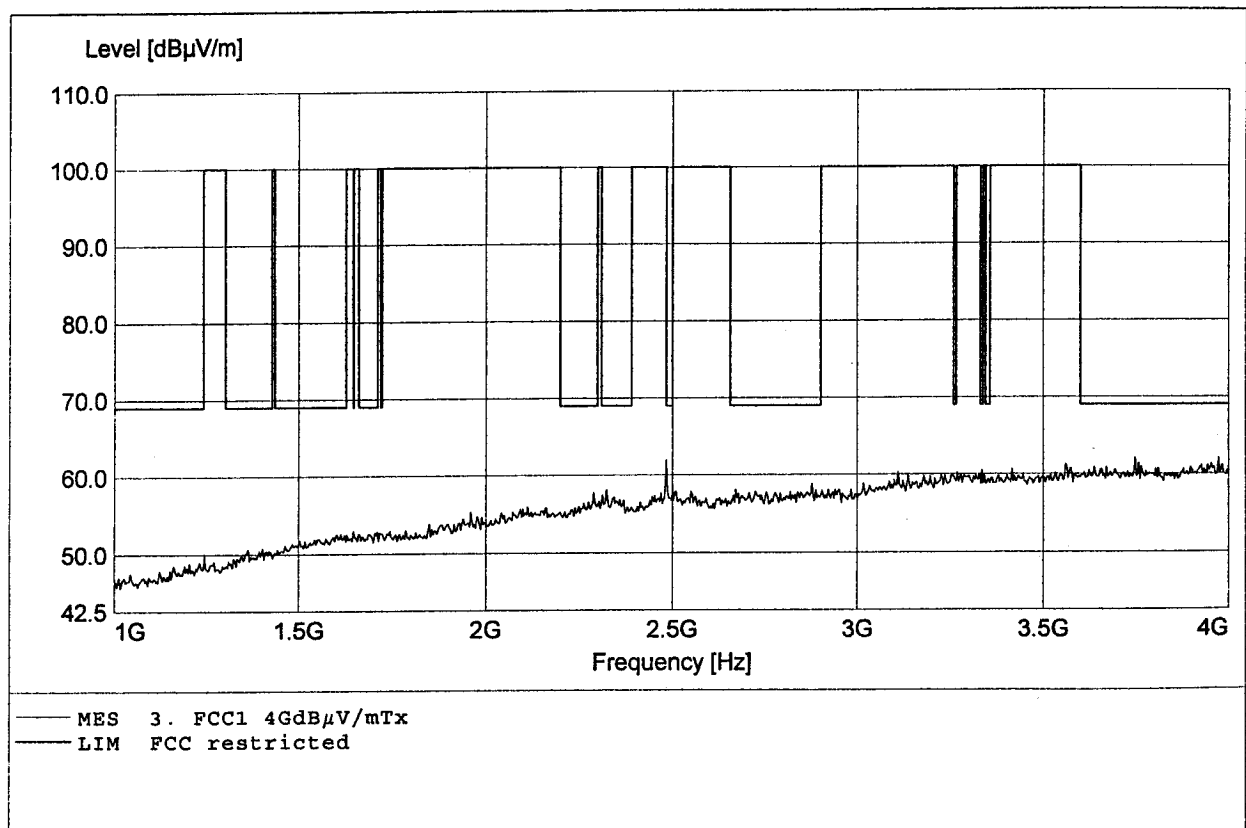
Comment 2: Freq:755,55MHz Pmax:41,90dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

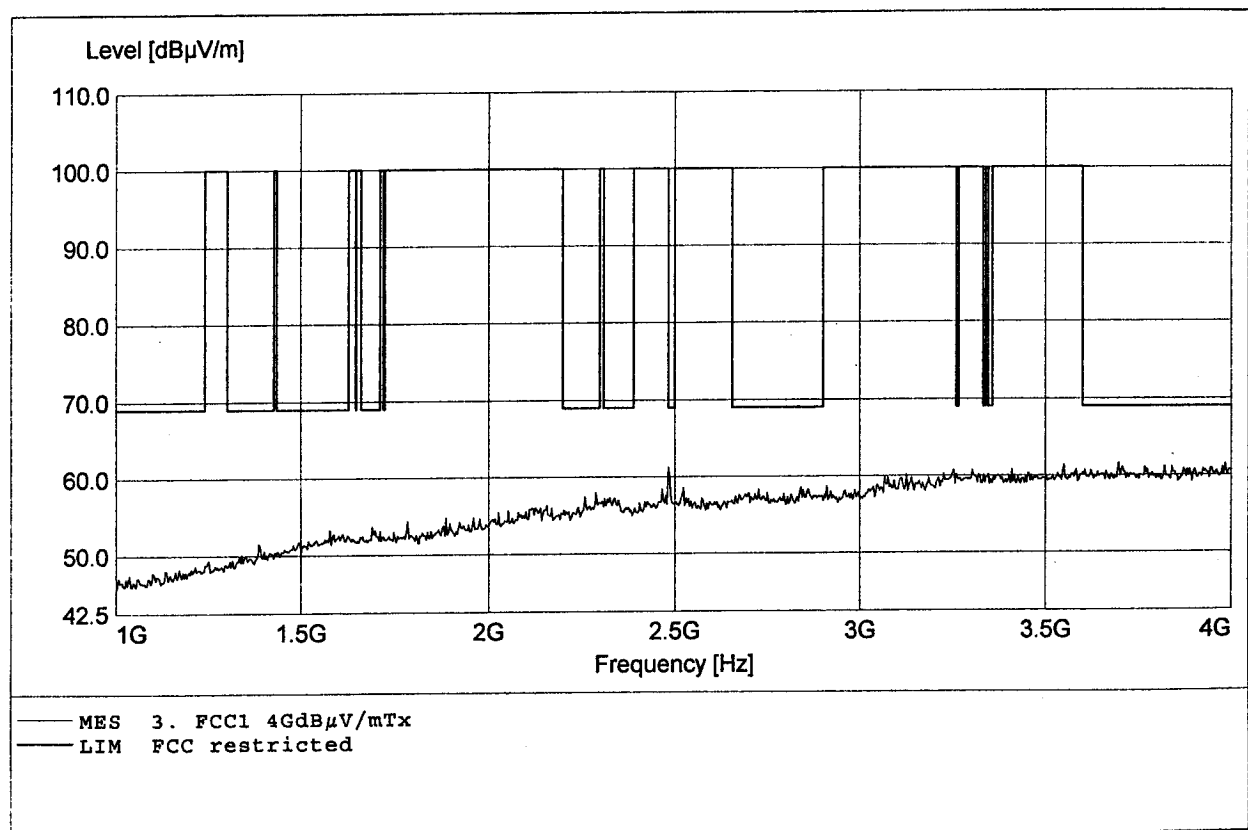
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:3973,33MHz Pmax:62,10dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

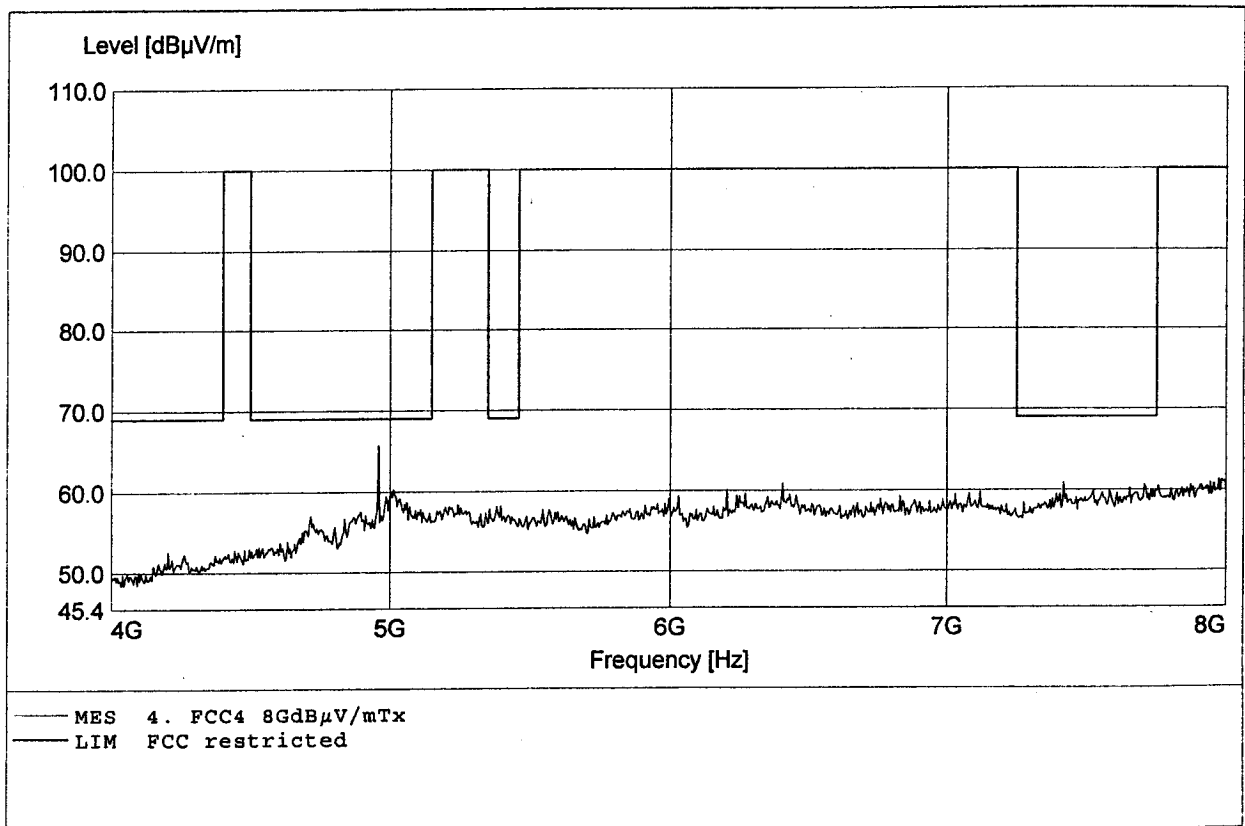
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq:3696,66MHz Pmax:61,64dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

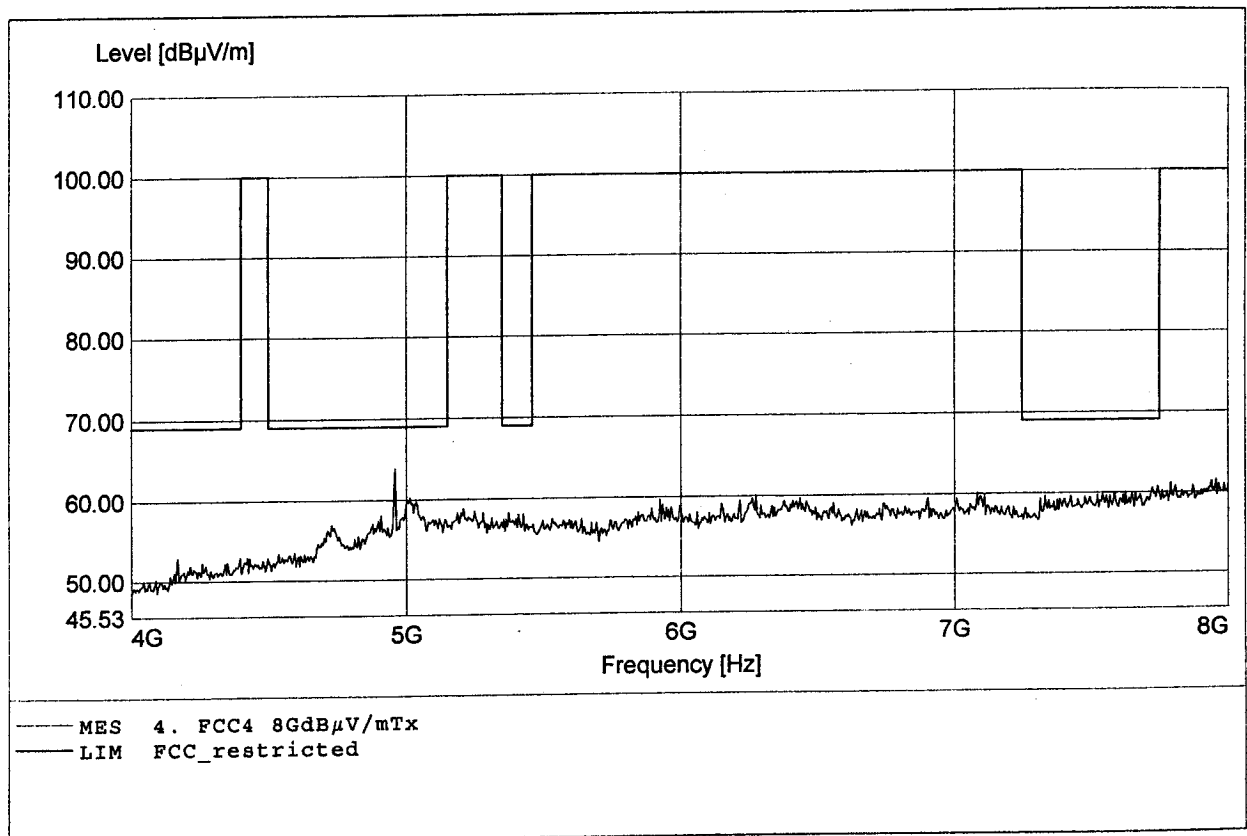
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:4960,00MHz Pmax:65,74dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

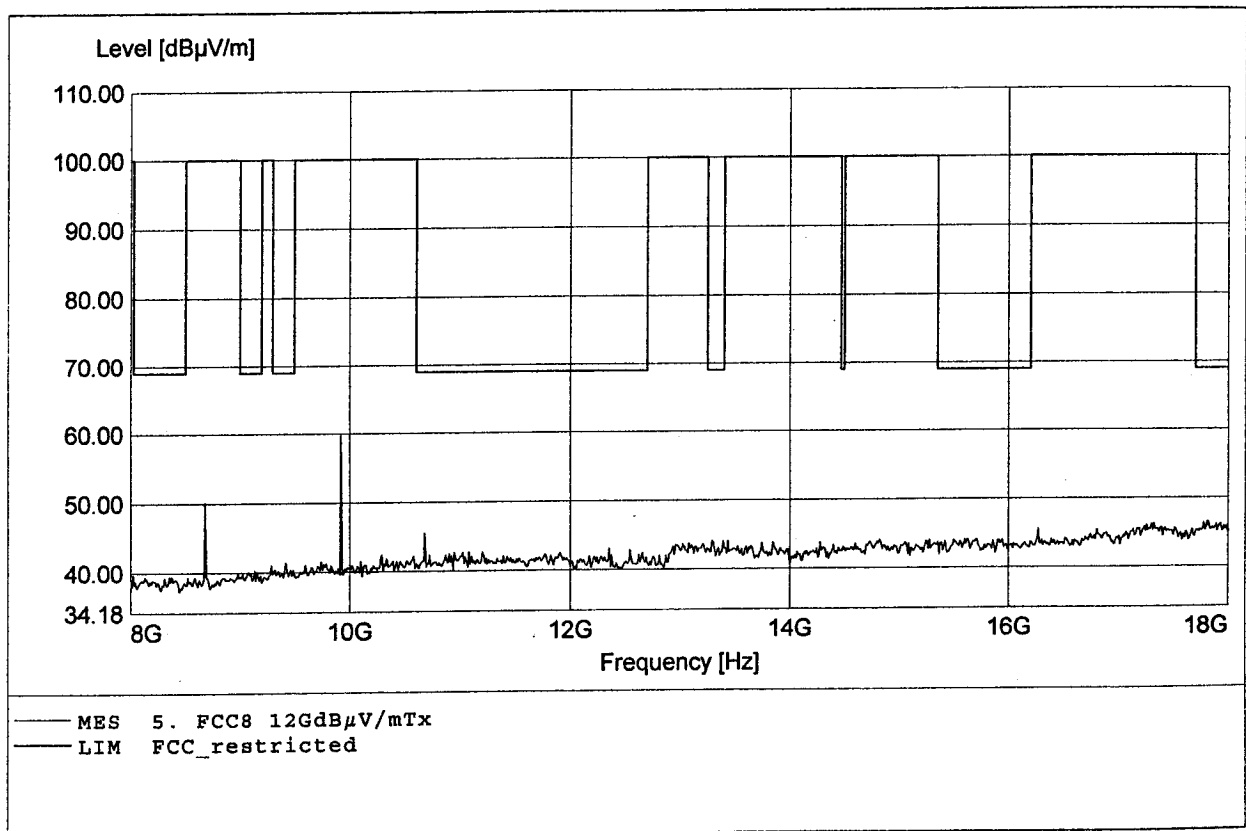
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:4960,00MHz Pmax:63,86dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Hoft & Wessel AG

Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL025, amplir.
Comment 2: Freq:9922,22MHz Pmax:59,71dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

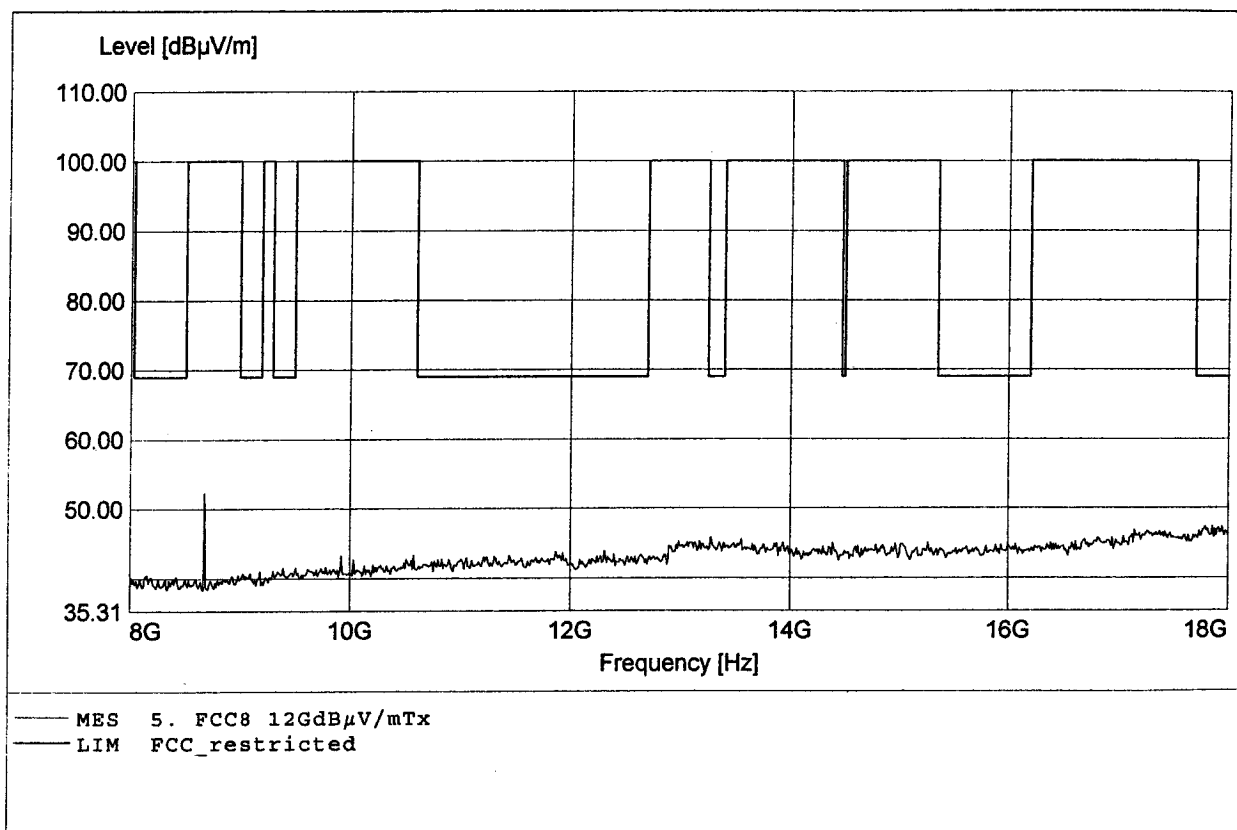
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL025, amplir.

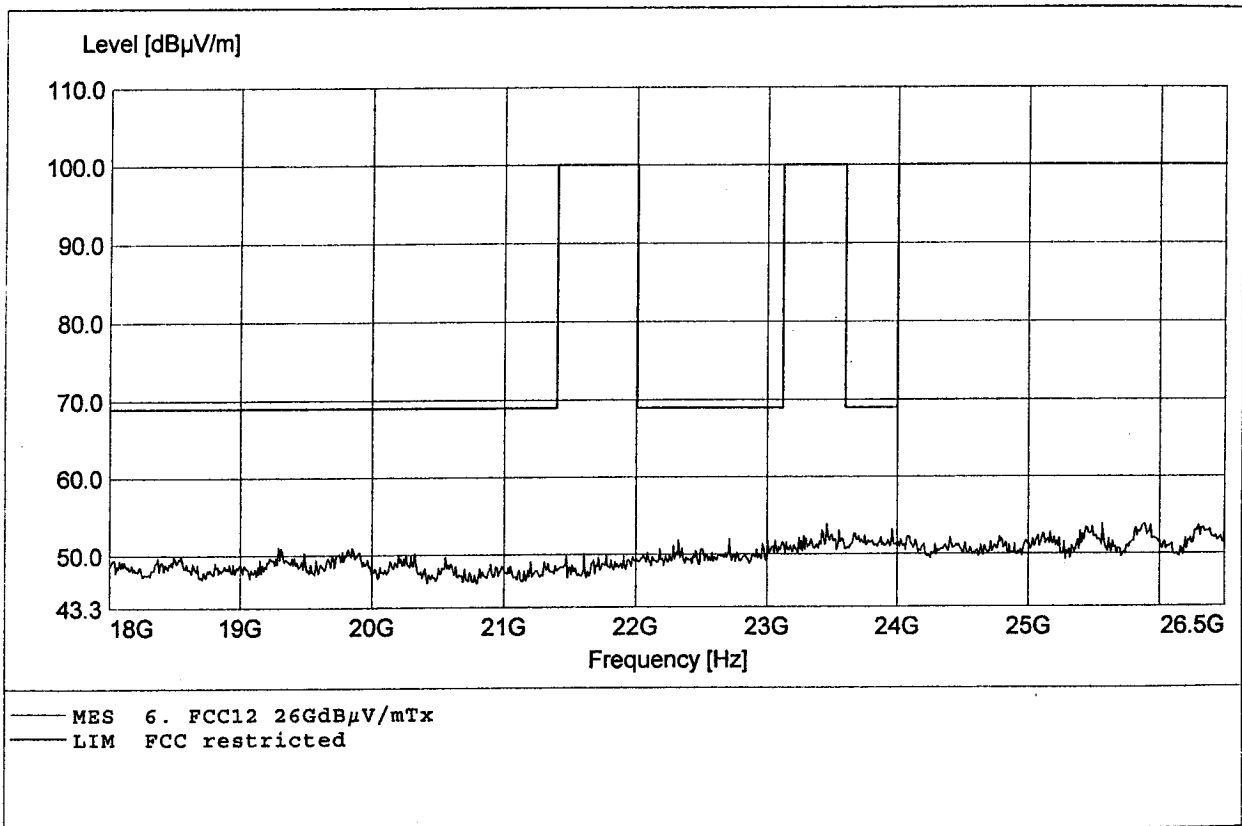
Comment 2: Freq:8677,77MHz Pmax:52,29dBμV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Hft & Wessel AG

Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq:23458,88MHz Pmax:53,89dBµV/m RBW=100KHz



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

EUT/Model : Base station for RF-network / (2.45 GHz) / HW 8660 / (Ch:47)
Applicant: Höft & Wessel AG

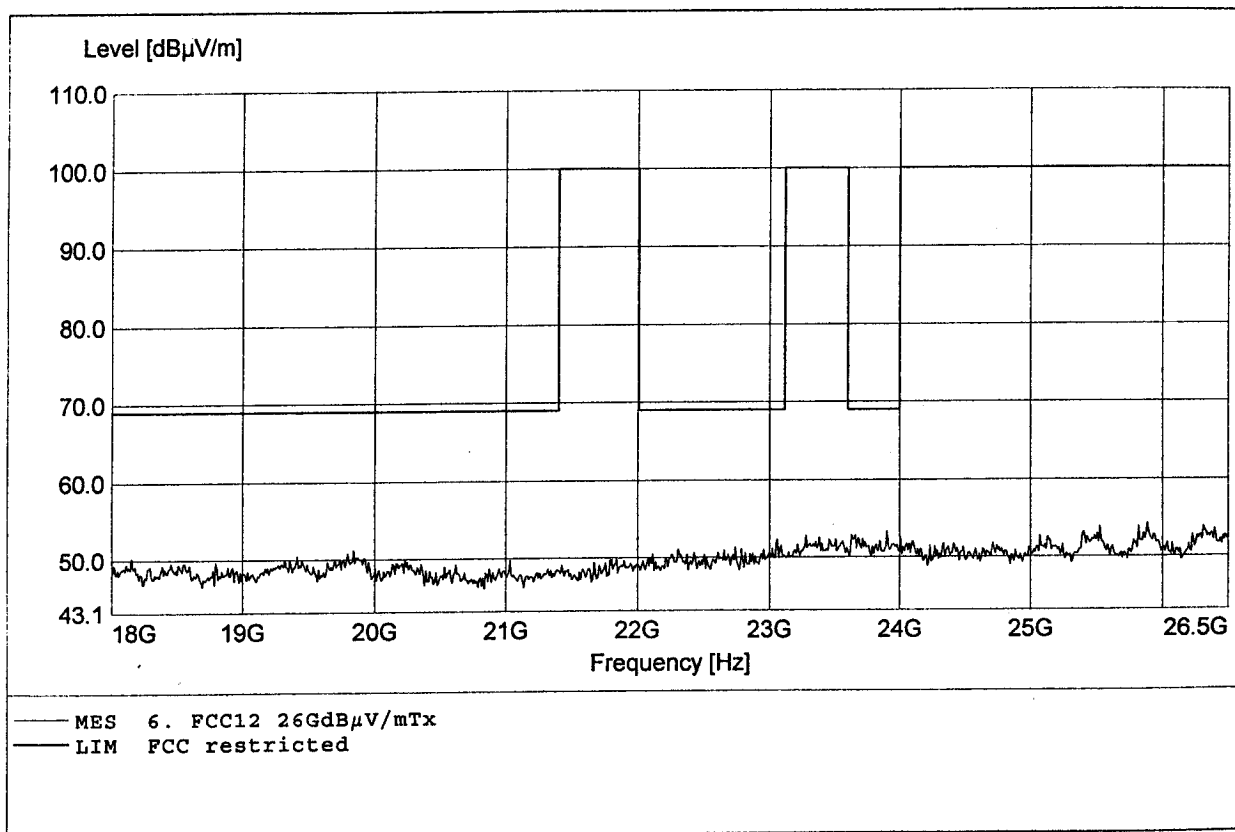
Temperature/ Voltage: 22°C / 230 V (AC/DC adaptor)

Test Site / Operator: ETS / Mr. Hoppe

Test Specification: according to § 15.247 Limit 15dB up duty cycle 17.8%

Comment 1: Dist.: 3m, Ant.: HL025, amplir.

Comment 2: Freq:25886,11MHz Pmax:54,37dBμV/m RBW=100KHz



Appendix D

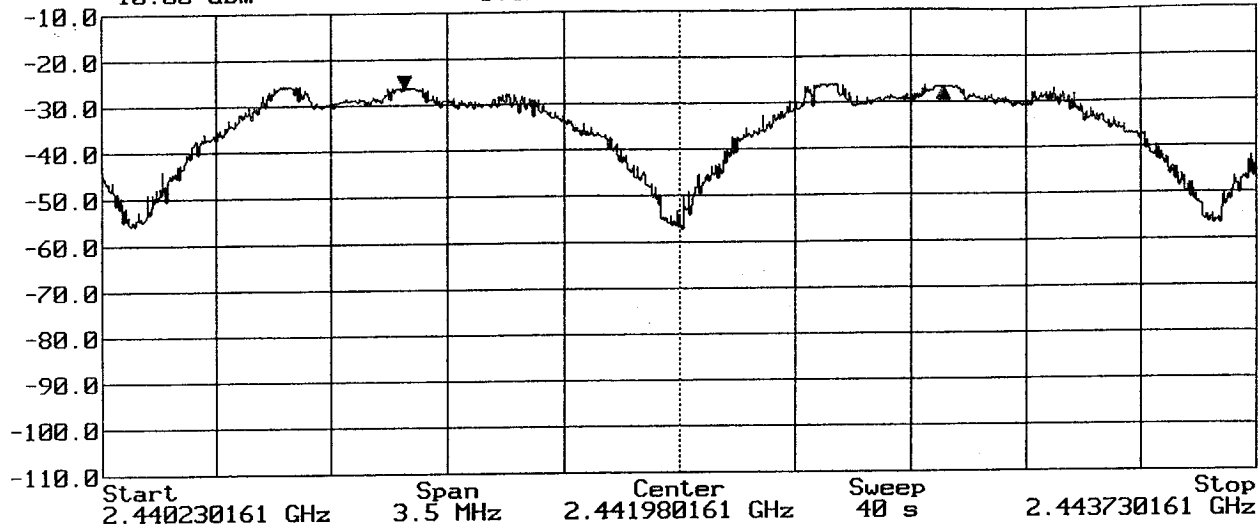
Spurious Emissions conducted - Transmitter operating

Appendix E

Carrier Frequency Separation



Date 13.Dec.'00 Time 17:40:35 Res.Bw 116.0 kHz[imp] Vid.Bw 1 MHz
Ref.Lvl Delta -0.33 dB CF.Stp 350.000 kHz RF.Att 0 dB
-10.00 dBm 1.625 MHz Unit [dBm]



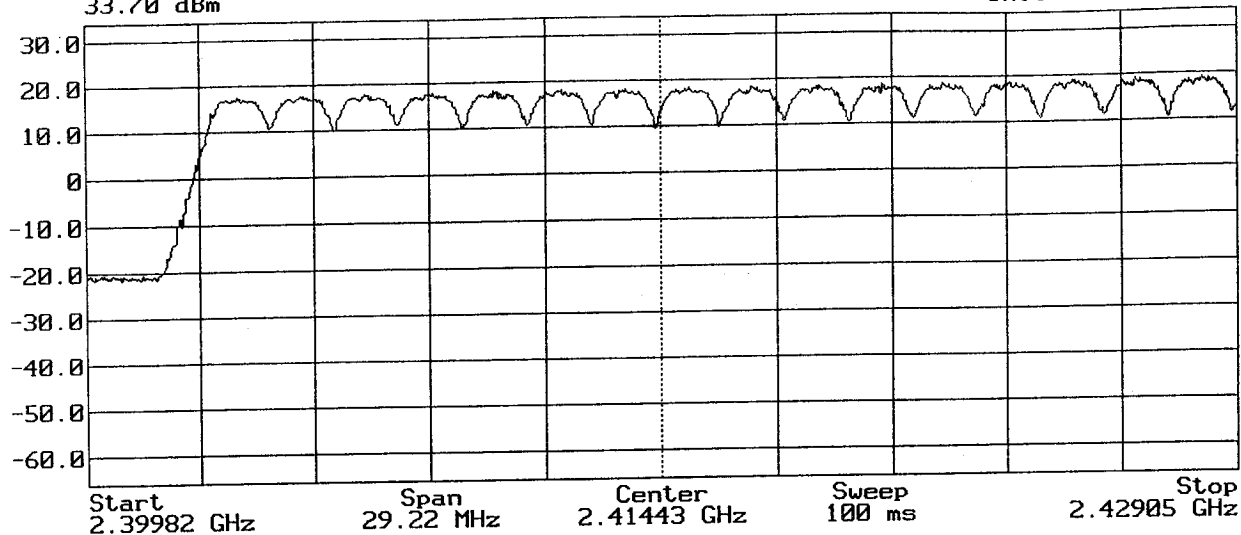
Appendix F

Number of Hopping Frequencies



LULOFF
Date 14.Dec.'00 Time 09:48:26
Ref.Lvl
33.70 dBm

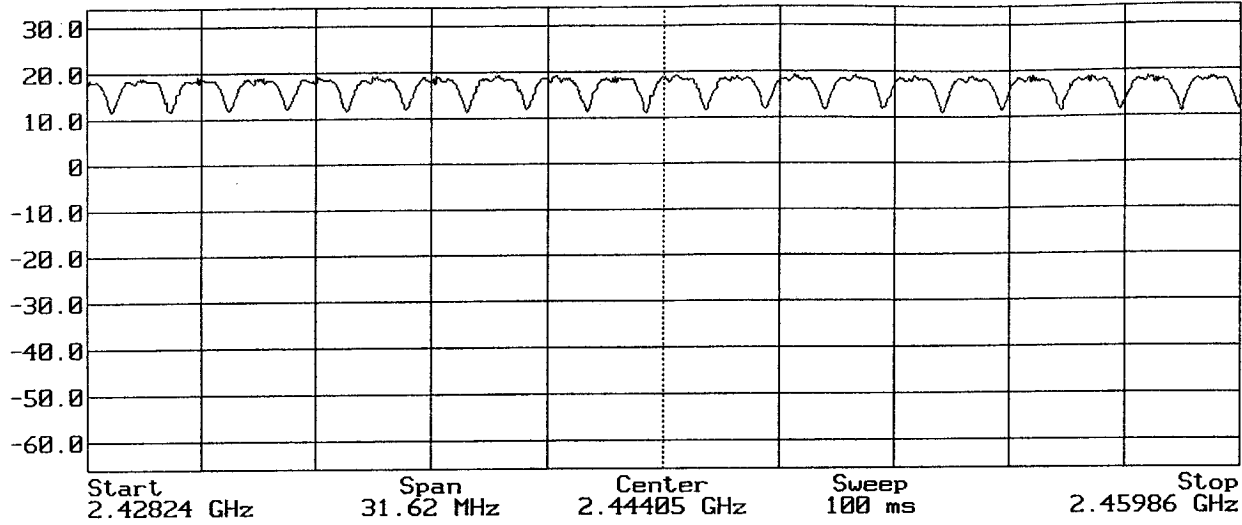
Res.Bw 497.8 kHz[3dB] Vid.Bw 1 MHz
CF.Stp 2.922 MHz RF.Att 20 dB
Unit [dBm]





LULOFF
Date 14.Dec.'00 Time 10:13:36
Ref.Lvl
33.70 dBm

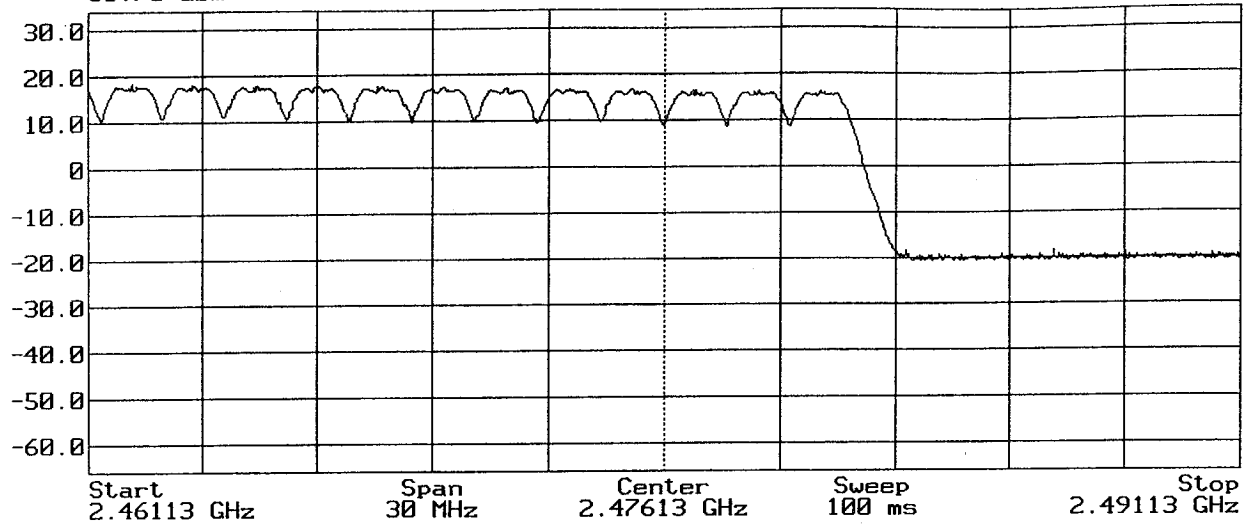
Res.Bw 497.8 kHz[3dB] Vid.Bw 1 MHz
CF.Stp 3.162 MHz RF.Att 20 dB
Unit [dBm]





LVL OFF
Date 14.Dec.'00 Time 10:46:18
Ref.Lvl
33.70 dBm

Res.Bw 497.8 kHz[3dB] Vid.Bw 1 MHz
CF.Stp 3.000 MHz RF.Att 20 dB
Unit [dBm]

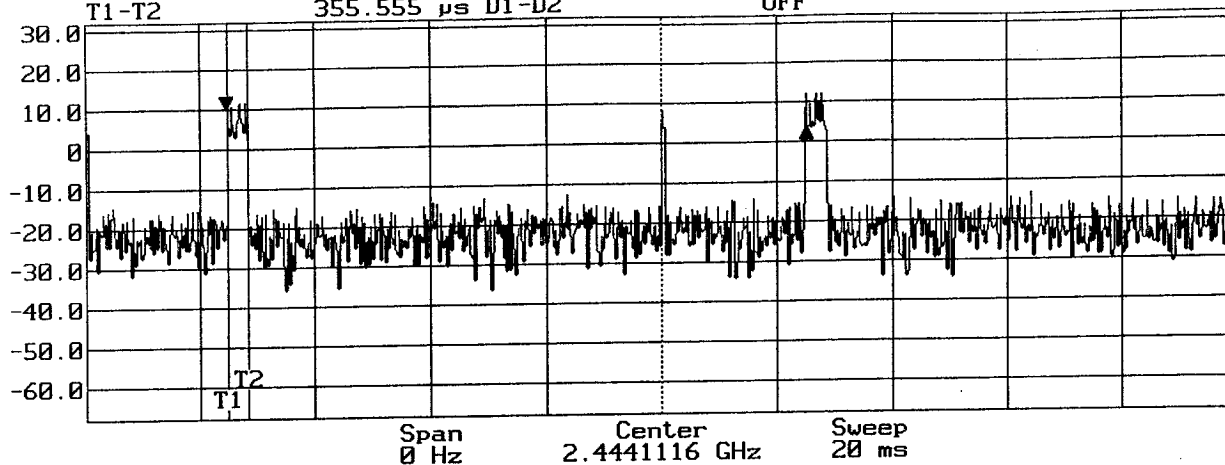


Appendix G

Time of Occupancy (Dwell Time)



LULOFF TRG **MSC** Res.Bw 1.0 MHz[3dB] Vid.Bw 1 MHz
Date 14.Dec.'00 Time 13:00:33
Ref.Lvl Delta -6.00 dB CF.Stp 100.000 kHz RF.Att 0 dB
31.90 dBm 10.044 ms Unit [dBm]
T1 2.511 ms D1 OFF
T2 2.866 ms D2 OFF
T1-T2 355.555 μ s D1-D2 OFF



Appendix H

20dB Bandwidth



Date 13.Dec.'00 Time 16:05:34

Ref.Lvl

-11.60 dBm

F1 2.40440000007 GHz D1

F2 2.40309999998 GHz D2

F2-F1 1.300000009 MHz D1-D2

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

CF.Stp 500.000 kHz RF.Att 40 dB

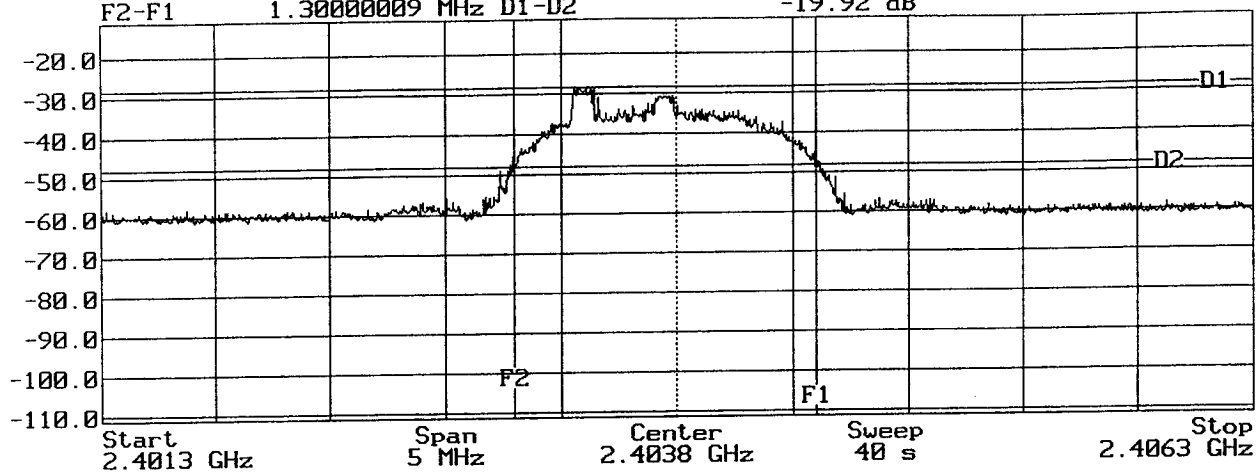
Unit

[dBm]

-28.40 dBm

-48.32 dBm

-19.92 dB





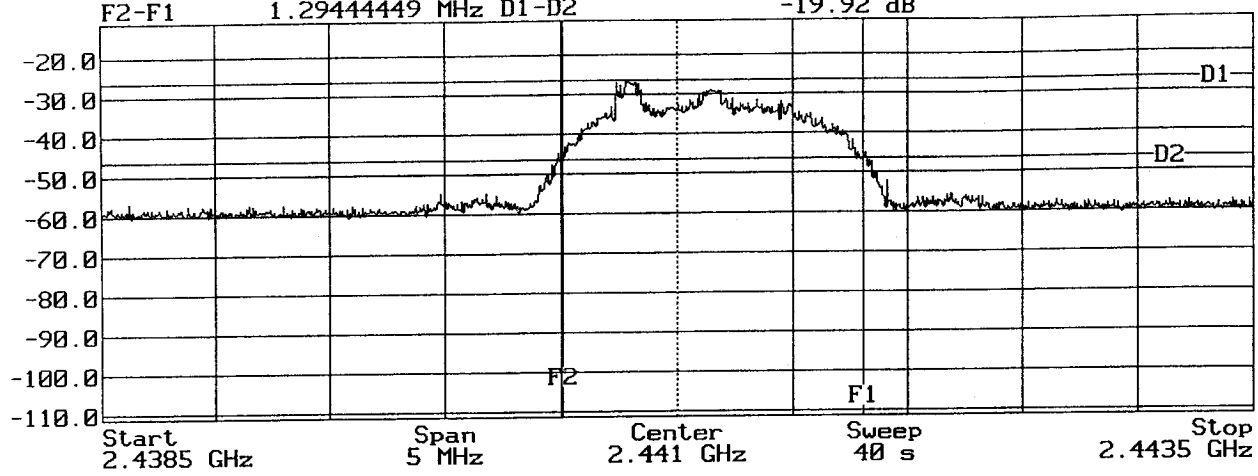
Date 13.Dec.'00 Time 16:19:25

Ref.Lvl
-11.60 dBm

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

CF.Stp 500.000 kHz RF.Att 40 dB
Unit [dBm]

F1 2.44180555558 GHz D1 -26.72 dBm
F2 2.44051111109 GHz D2 -46.64 dBm
F2-F1 1.29444449 MHz D1-D2 -19.92 dB



Date 13.Dec.'00 Time 16:12:12

Ref. Lvl
-11.60 dBm

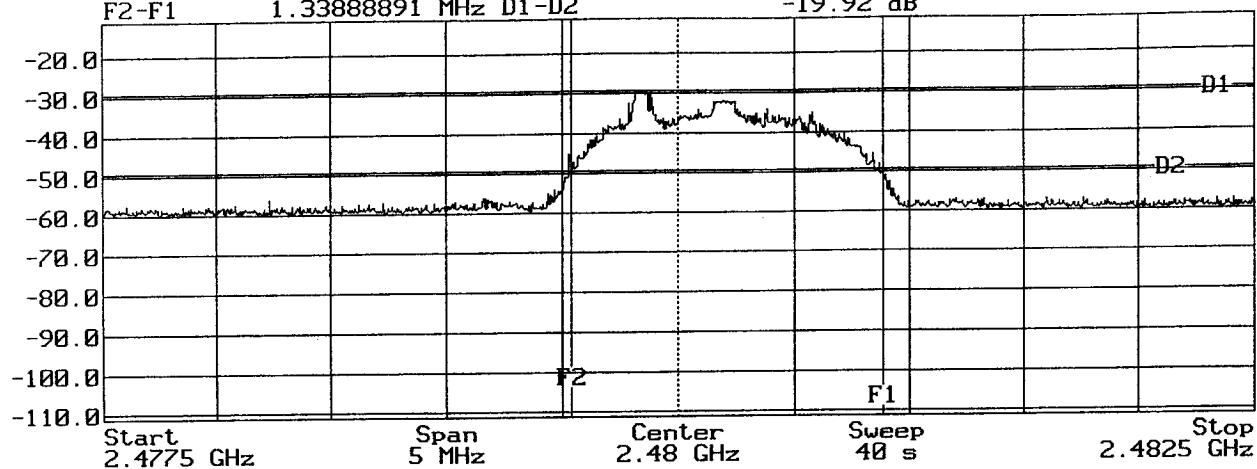
Res.Bw 43.5 kHz[imp] Vid.Bw 30 kHz

CF.Stp	500.000 kHz	RF.Att	40 dB
		Unit	[dBm]

F1	2.48088333335 GHz D1	-29.52 dBm
----	----------------------	------------

F1	2.480883333333	GHz	D1	29.52	dBm
F2	2.479544444444	GHz	D2	-49.44	dBm

F2	2.477544444	GHz	D2	19.14	dBm
F2-F1	1.33888891	MHz	D1-D2	-19.92	dB



Appendix I

Band-edge Compliance of RF Conducted Emissions



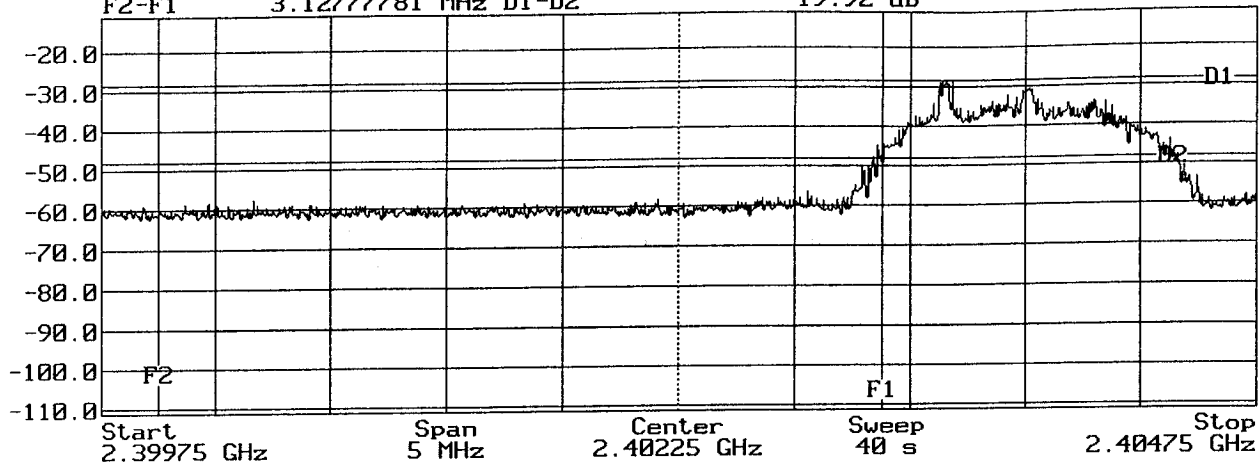
Date 13.Dec.'00 Time 16:00:12

Ref.Lvl
-11.60 dBm

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

CF.Stp 500.000 kHz RF.Att 40 dB
Unit [dBm]

F1 2.40312777781 GHz D1 -28.40 dBm
F2 2.40000000000 GHz D2 -48.32 dBm
F2-F1 3.12777781 MHz D1-D2 -19.92 dB





Date 13.Dec.'00 Time 16:33:06

Ref.Lvl
-11.60 dBm

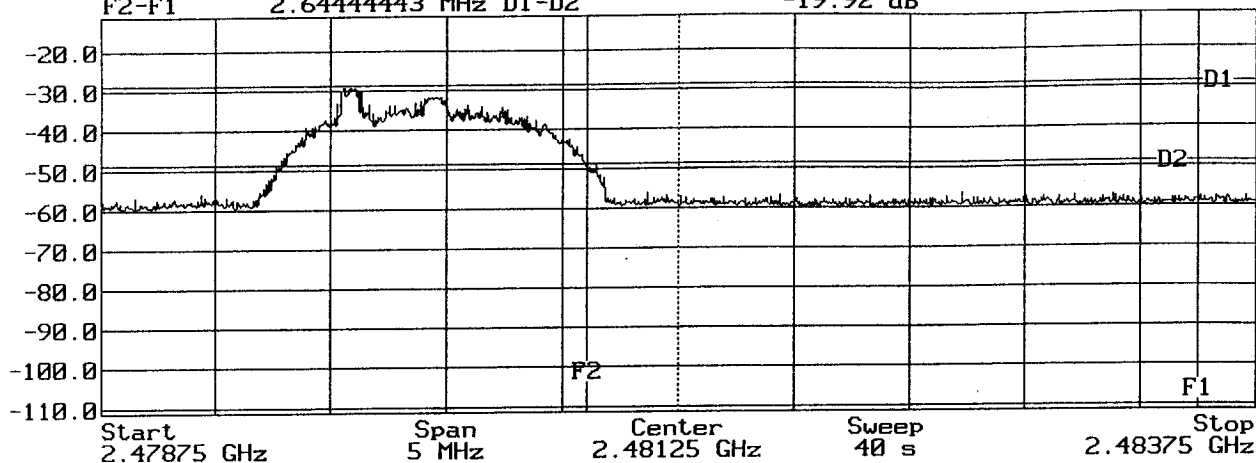
Res.Bw 43.5 kHz[imp] Vid.Bw 30 kHz

CF.Stp 500.000 kHz RF.Att 40 dB
Unit [dBm]

F1 2.48350000000 GHz D1 -28.96 dBm

F2 2.48085555557 GHz D2 -48.88 dBm

F2-F1 2.64444443 MHz D1-D2 -19.92 dB

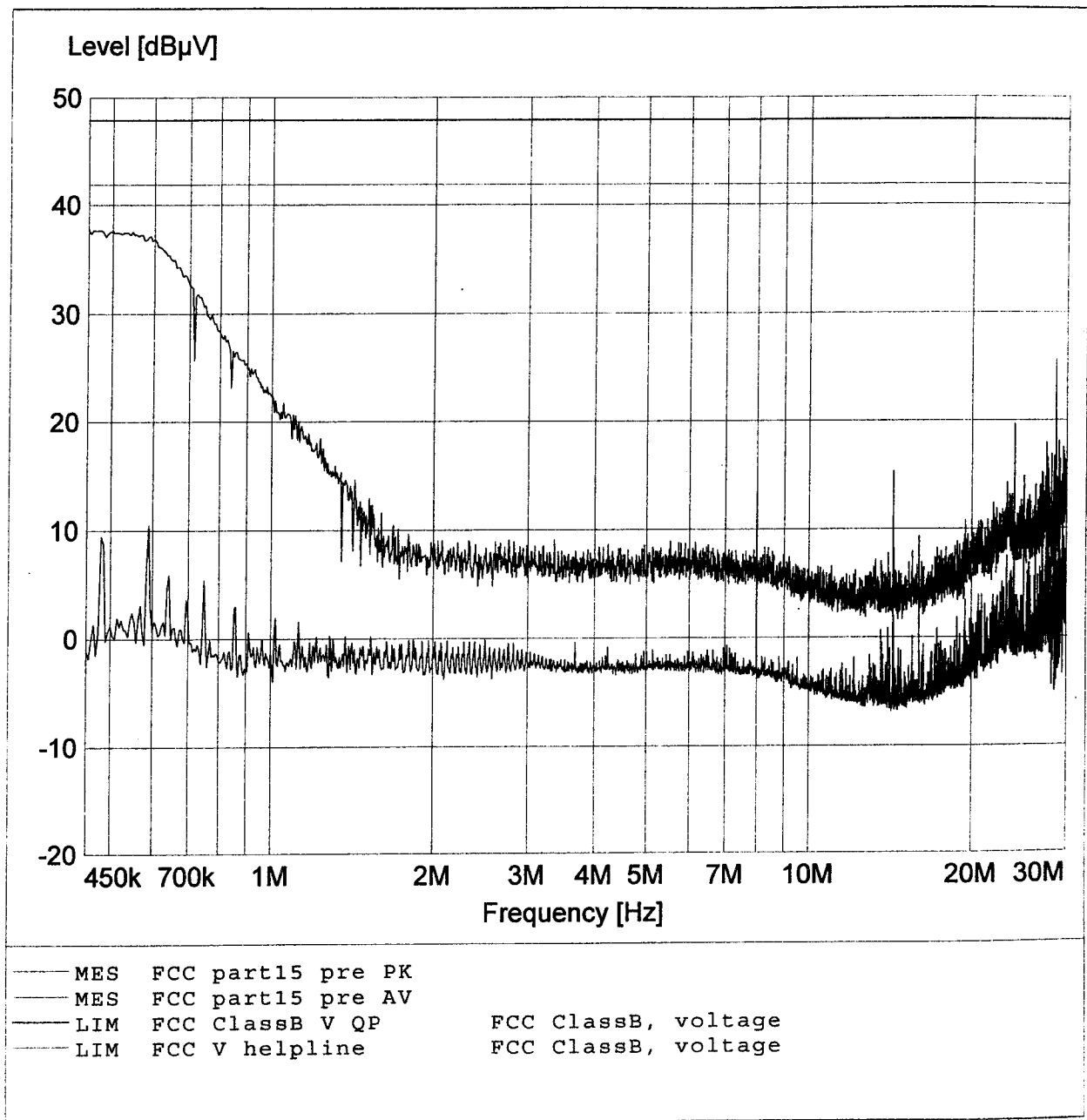


Appendix J

Conducted Measurement at (AC) Power Line

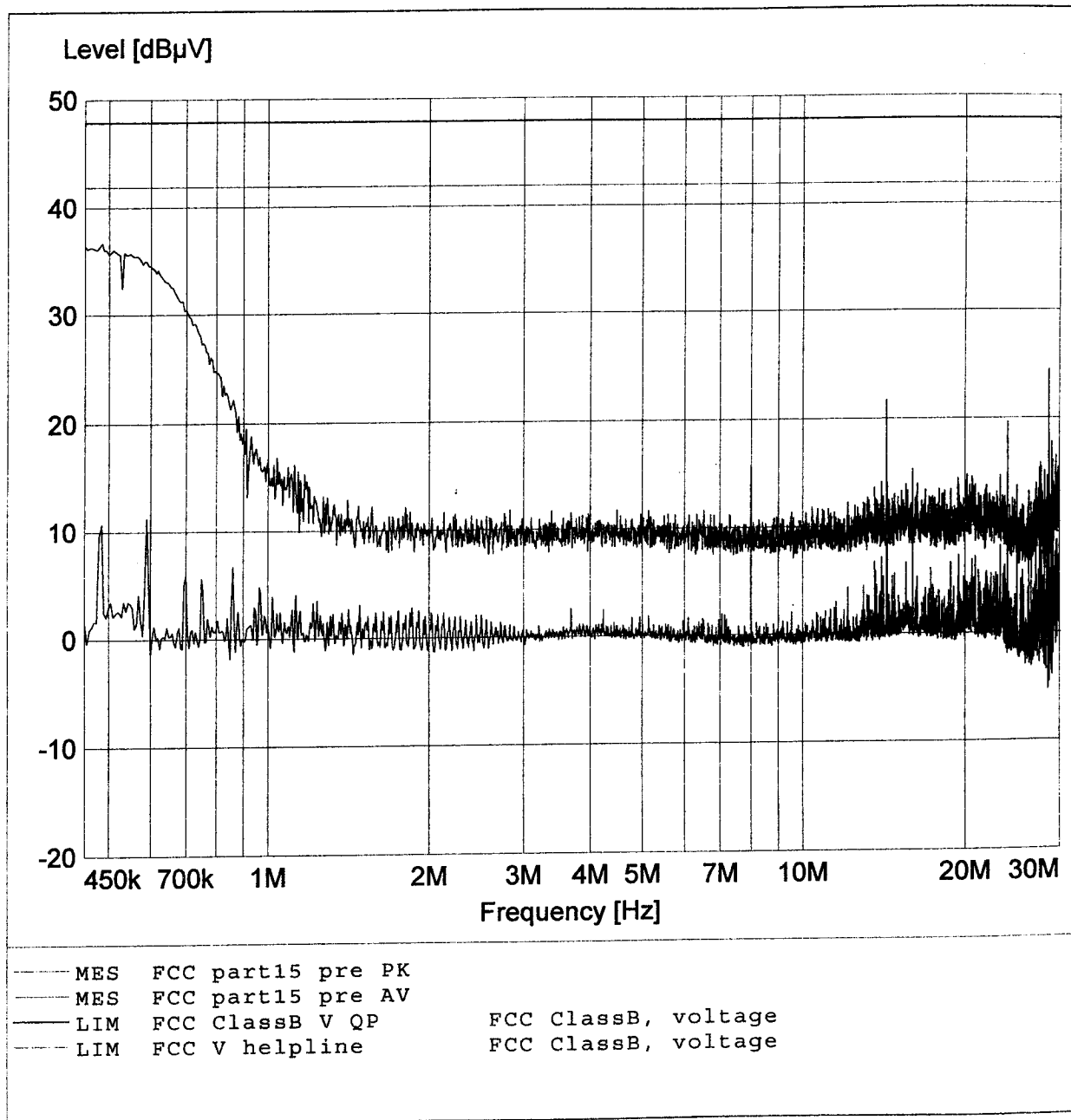
EMI voltage test in the ac-mains according to FCC part 15

EUT: BASE STATION FOR RF-NETWORK (2.45GHz-ISM)
Manufacturer: HÖFT & WESSEL AG
Operating Condition: Unom: 120VAC(AC/DC-adaptor) , Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH3-Z5 (N)
Comment: model: HW 8660 mode: link



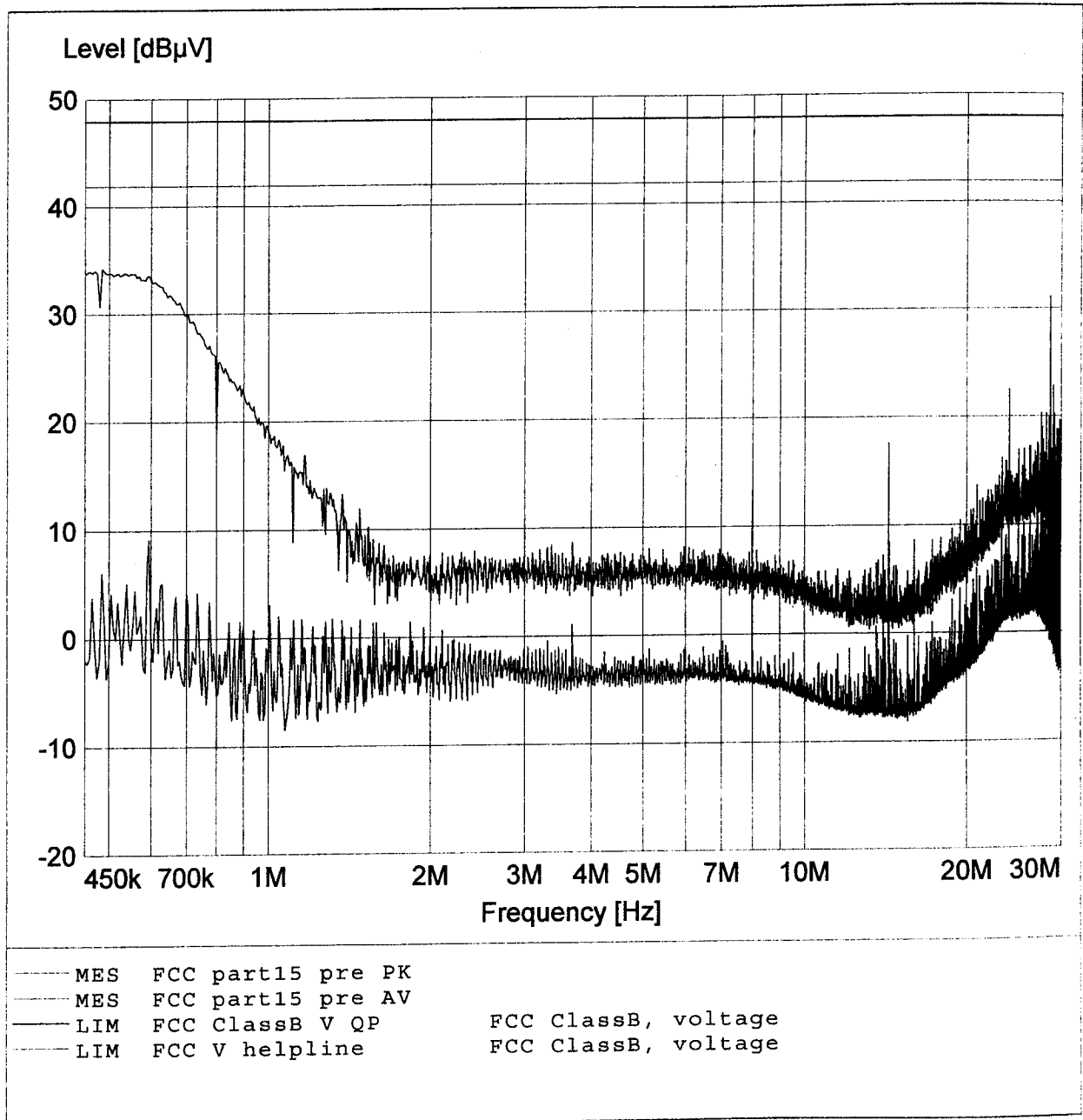
EMI voltage test in the ac-mains according to FCC part 15

EUT: BASE STATION FOR RF-NETWORK (2.45GHz-ISM)
Manufacturer: HÖFT & WESSEL AG
Operating Condition: Unom: 120VAC(AC/DC-adaptor) , Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH3-Z5
Comment: model: HW 8660 mode: link



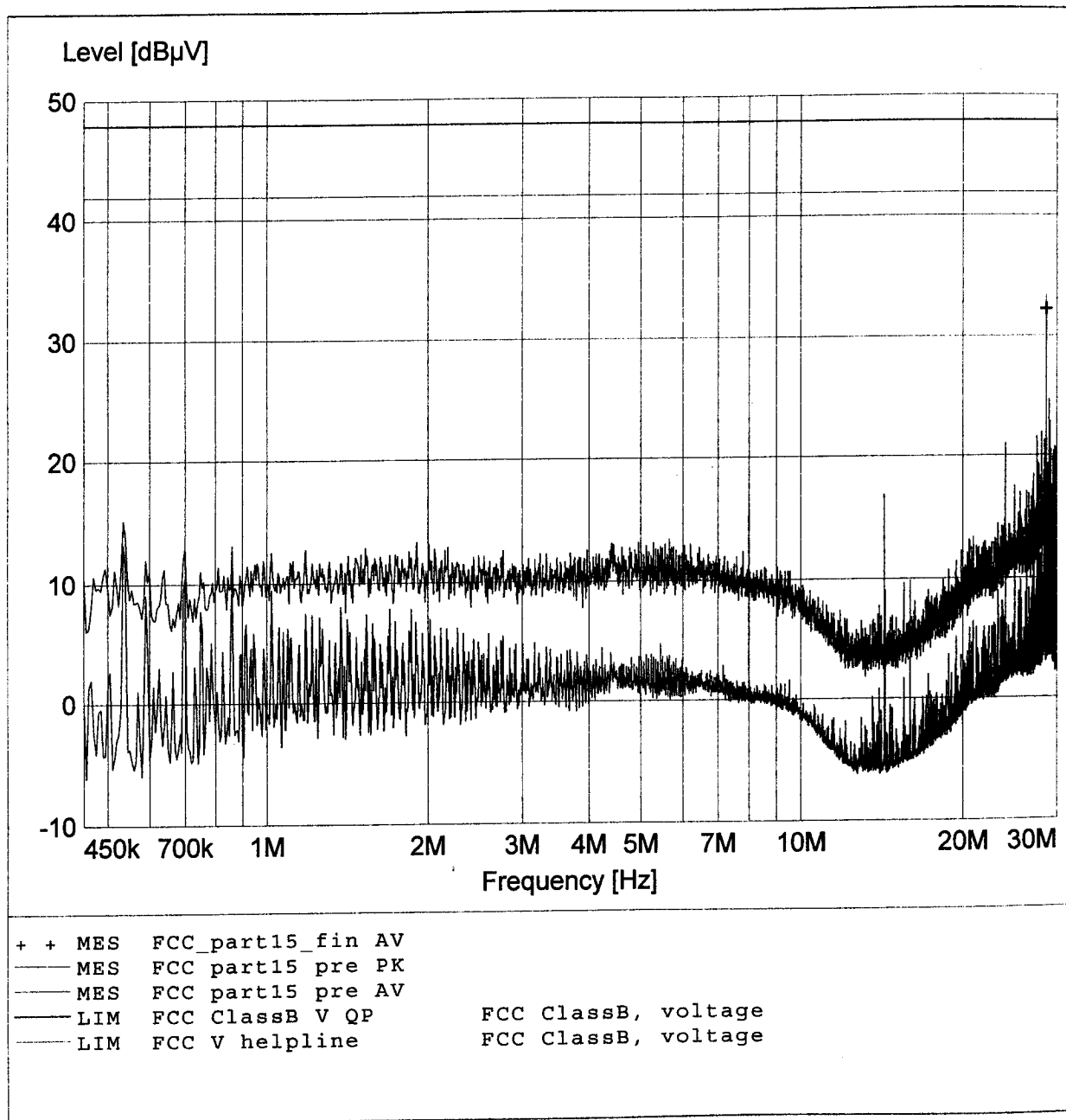
EMI voltage test in the ac-mains according to FCC part 15

EUT: BASE STATION FOR RF-NETWORK (2.45GHz-ISM)
Manufacturer: HÖFT & WESSEL AG
Operating Condition: Unom: 120VAC (AC/DC-adaptor) , Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH3-Z5
Comment: model: HW 8660 mode: link
(teamtronic power supply)



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

EUT: BASE STATION FOR RF-NETWORK (2.45GHz-ISM)
Manufacturer: HÖFT & WESSEL AG
Operating Condition: Unom: 120VAC(AC/DC-adaptor) , Tnom: 23°C
Test Site: ETS
Operator: Mr. Pflug
Test Specification: V-Network: ESH3-Z5
Comment: model: HW 8660 mode: link
AC/DC adaptor: HW1204



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

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MEASUREMENT RESULT: "FCC_part15_fin AV"

17.01.2001 11:02

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
28.635000	32.20	10.1	42	9.7	---	---