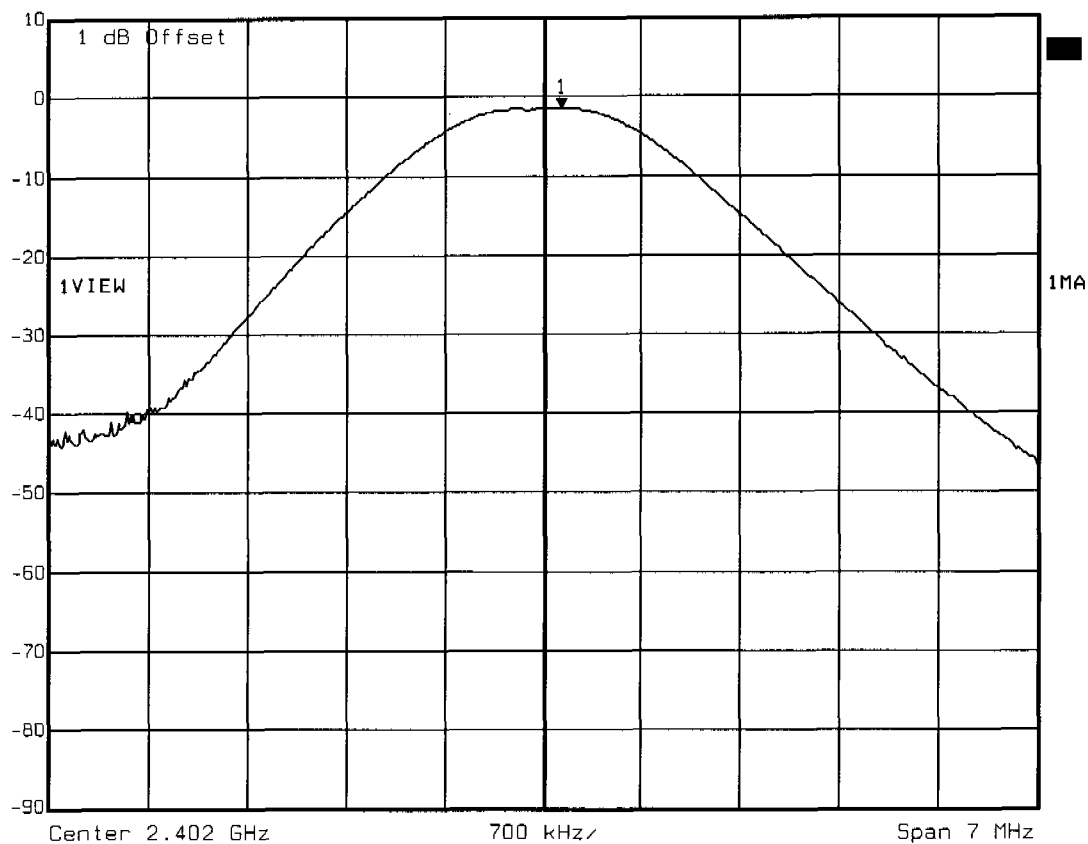


Appendix B

Peak Output Power



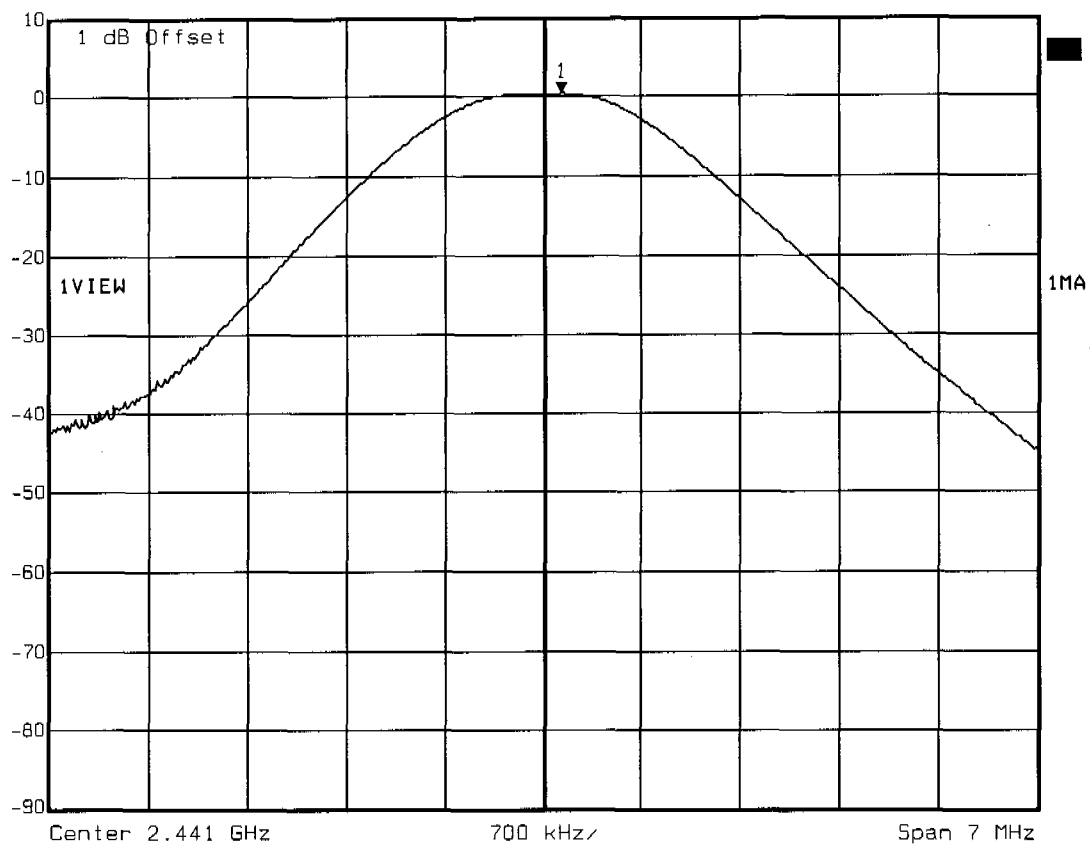
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -1.59 dBm VBW 1 MHz
10 dBm 2.40213327 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 0 Unom
Comment A: PH01000
Date: 05.AUG.2005 11:31:34



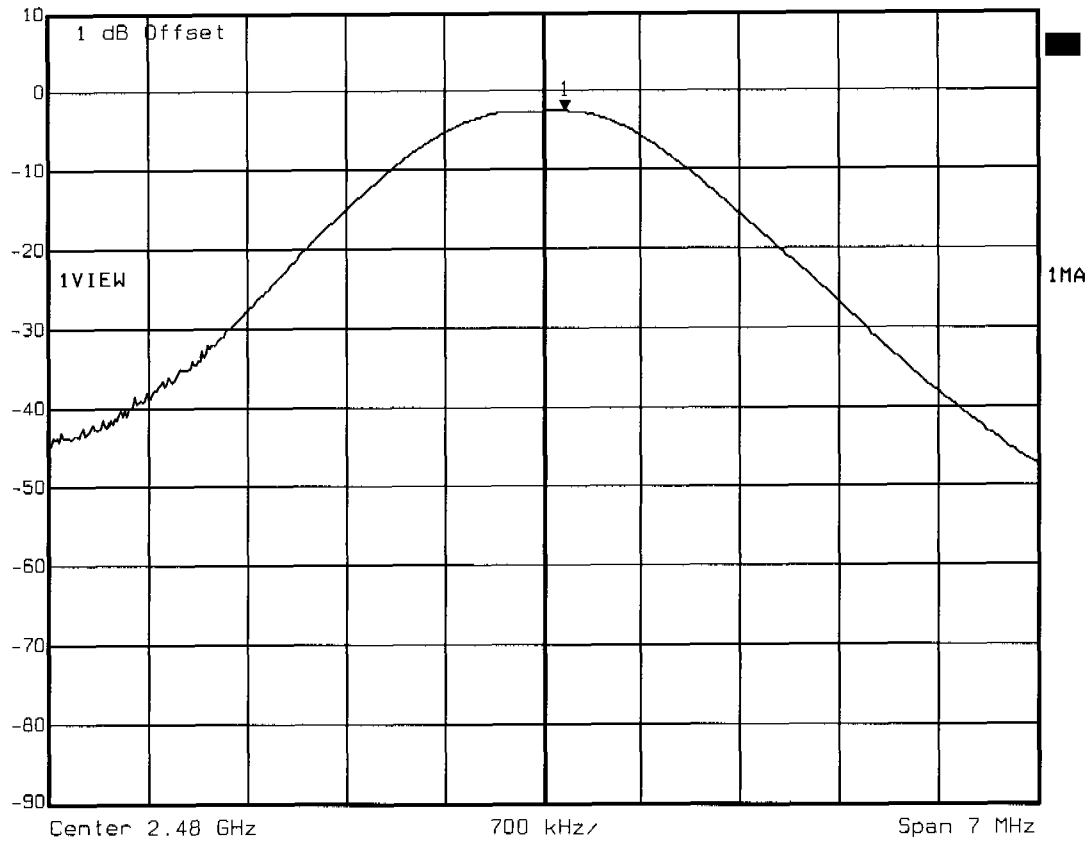
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 0.26 dBm VBW 1 MHz
10 dBm 2.44113327 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 39 Unom
Comment A: PHD1000
Date: 05.AUG.2005 11:30:55



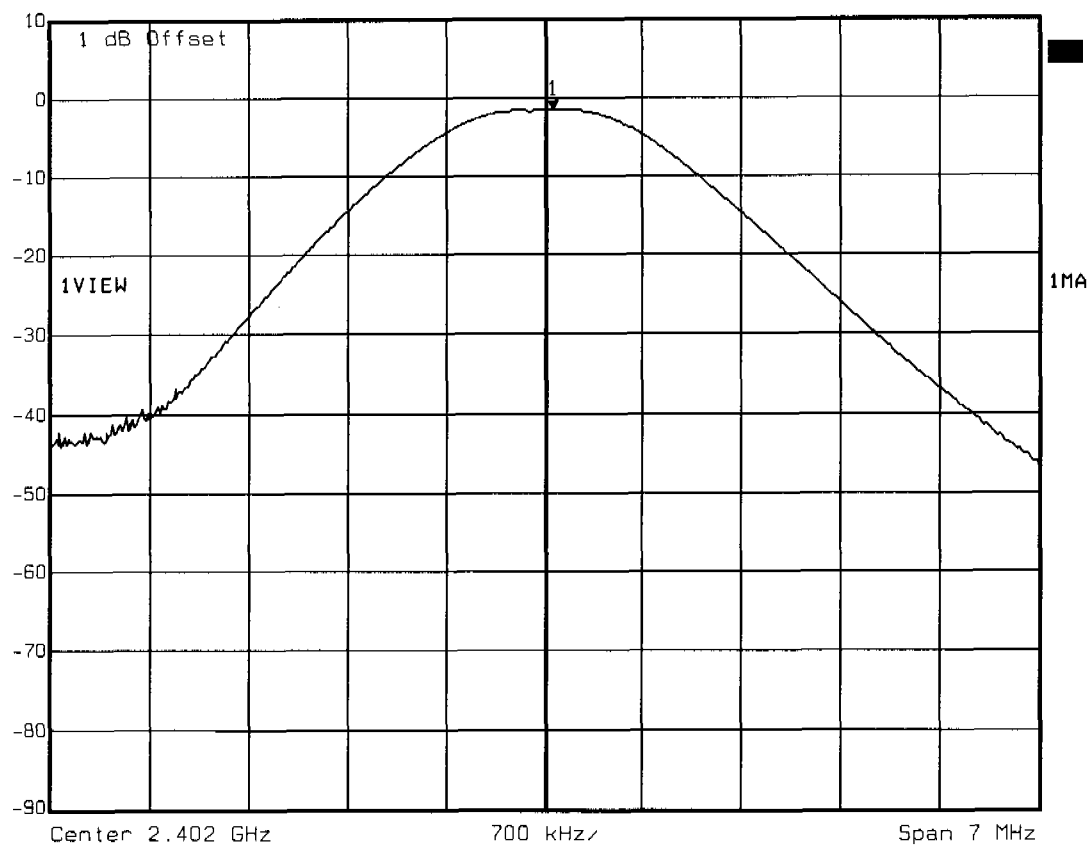
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -2.73 dBm VBW 1 MHz
10 dBm 2.48016132 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 78 Unom
Comment A: PHD1000
Date: 05.AUG.2005 11:30:10



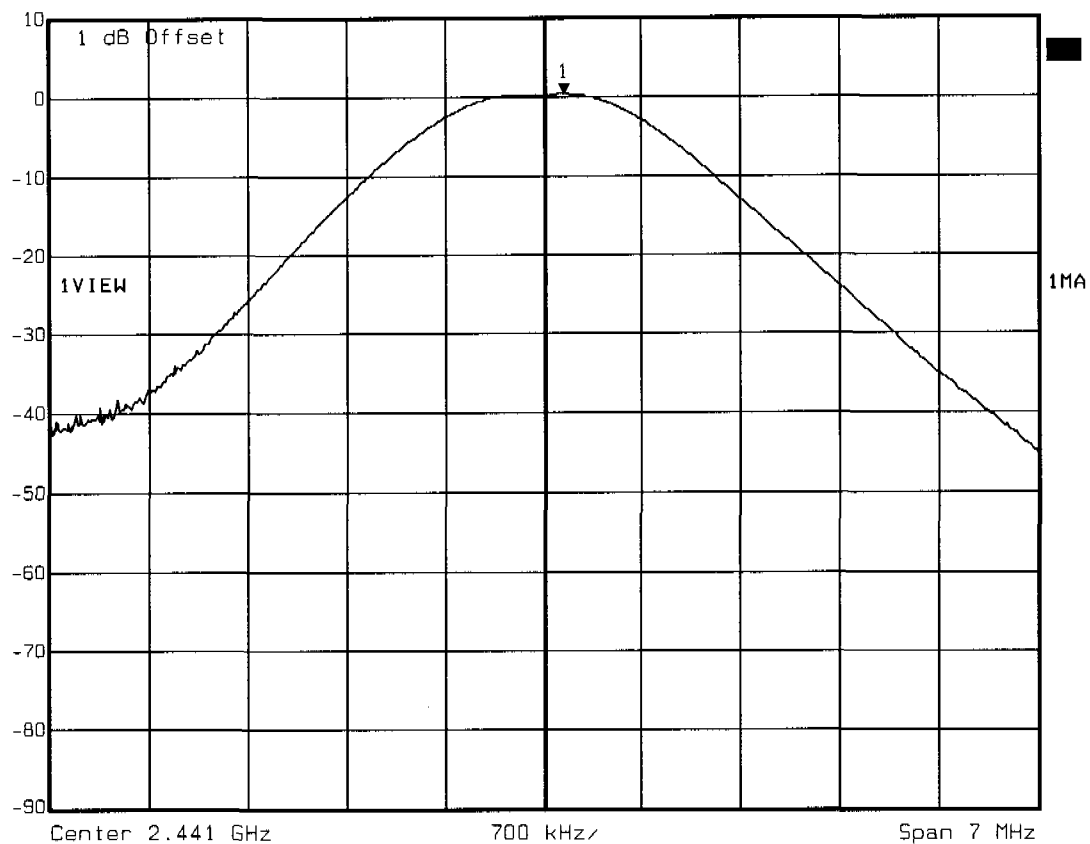
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -1.60 dBm VBW 1 MHz
10 dBm 2.40206313 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 0 Umin
Comment A: PHD1000
Date: 05.AUG.2005 11:33:31



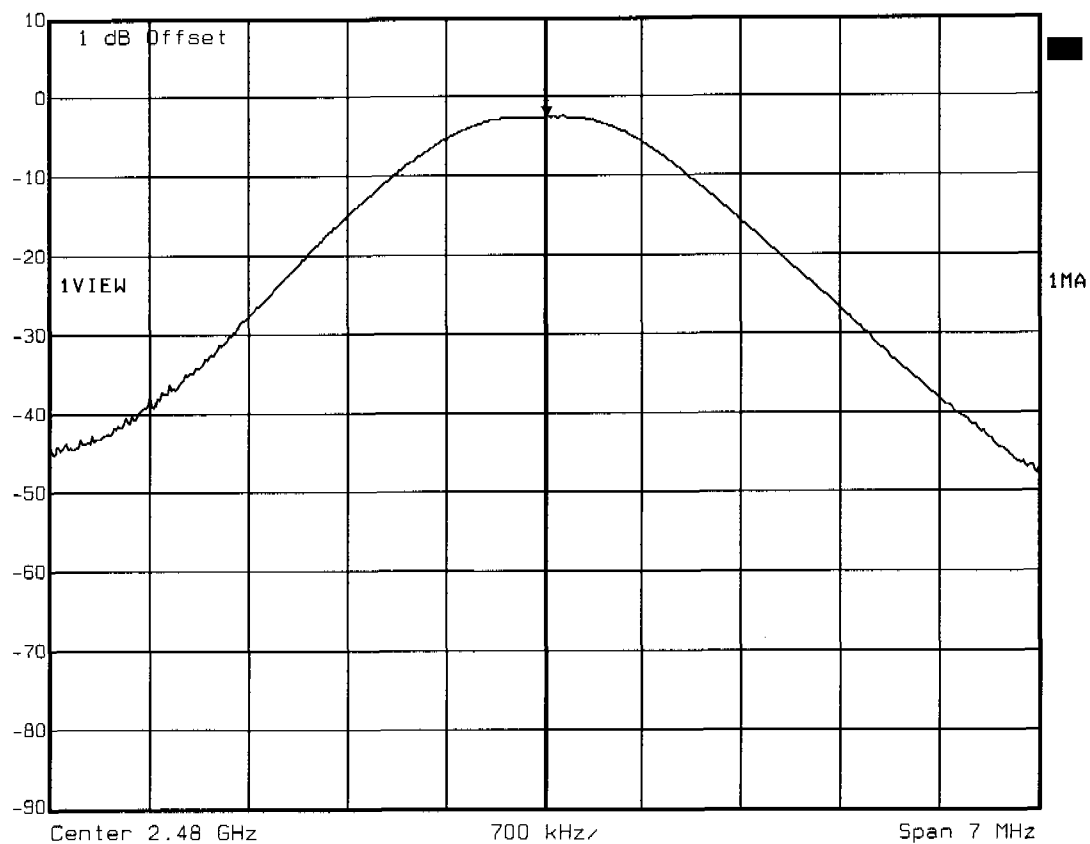
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 0.26 dBm VBW 1 MHz
10 dBm 2.44114729 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 39 Umin
Comment A: PHD1000
Date: 05.AUG.2005 11:34:15



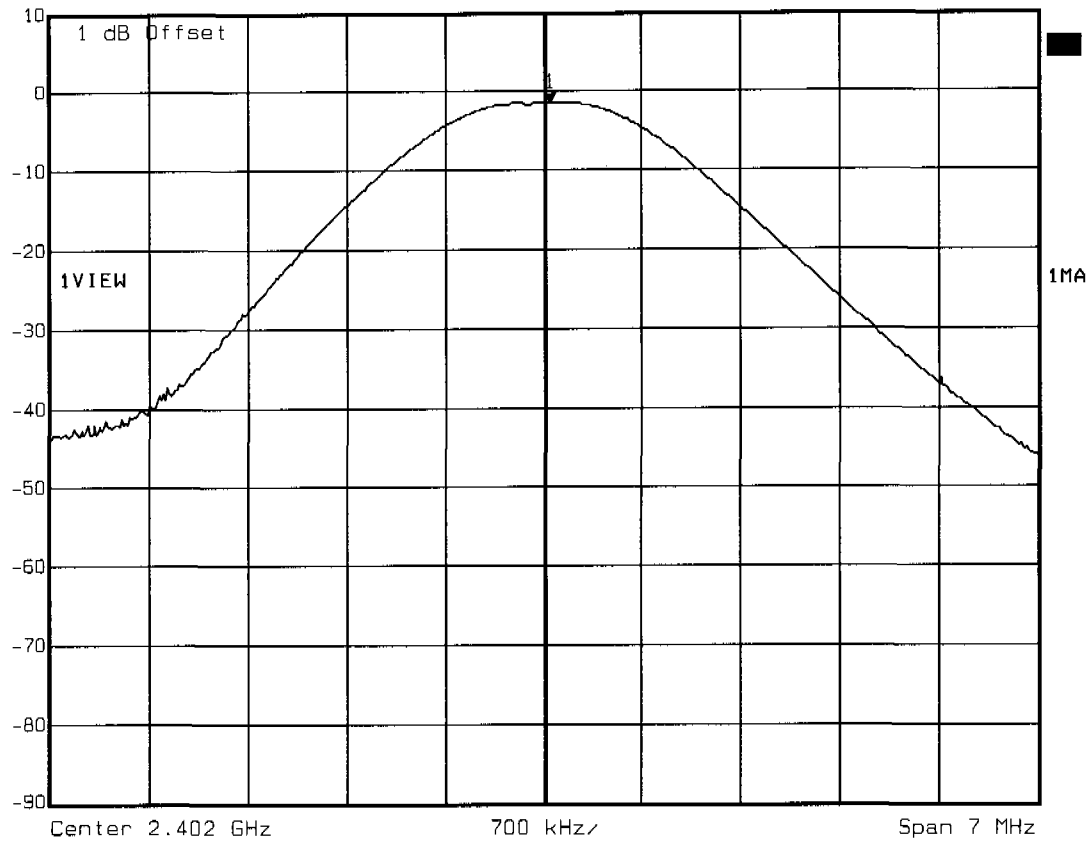
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -2.73 dBm VBW 1 MHz
10 dBm 2.48002104 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 78 Umin
Comment A: PHD1000
Date: 05.AUG.2005 11:34:58



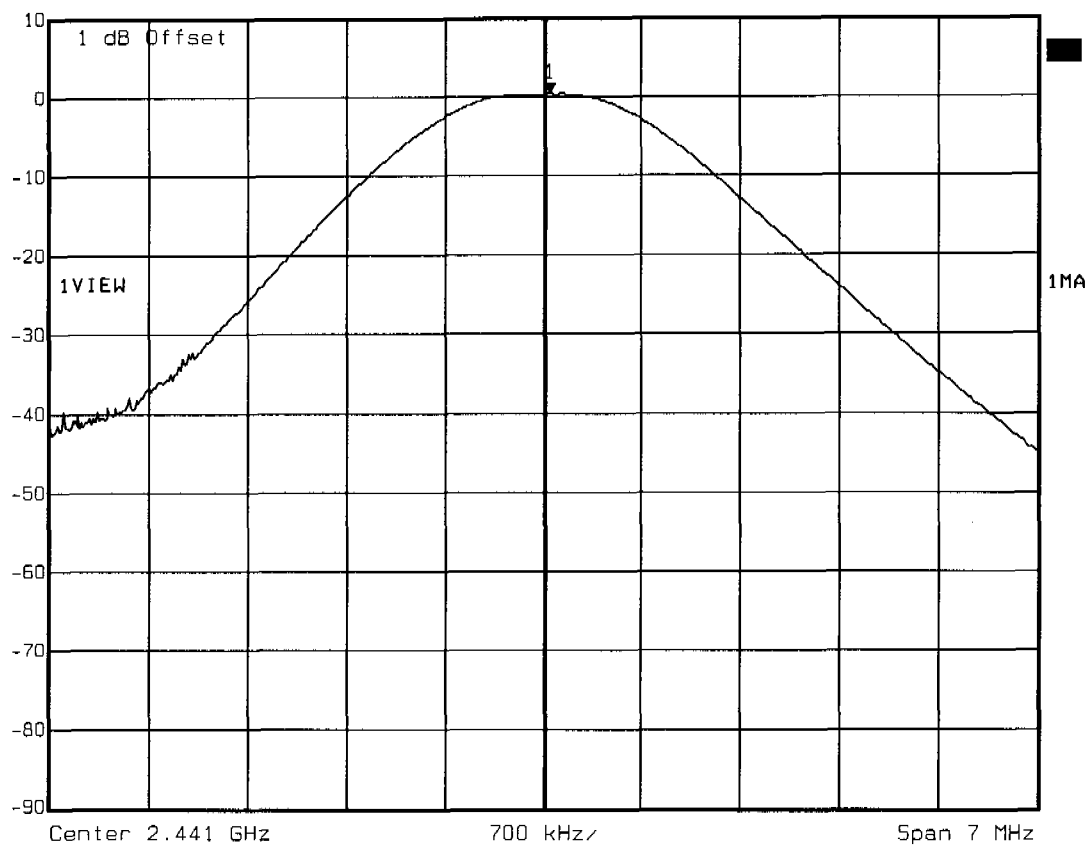
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -1.56 dBm VBW 1 MHz
10 dBm 2.40204910 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 0 Umax
Comment A: PHD1000
Date: 05.AUG.2005 11:38:18



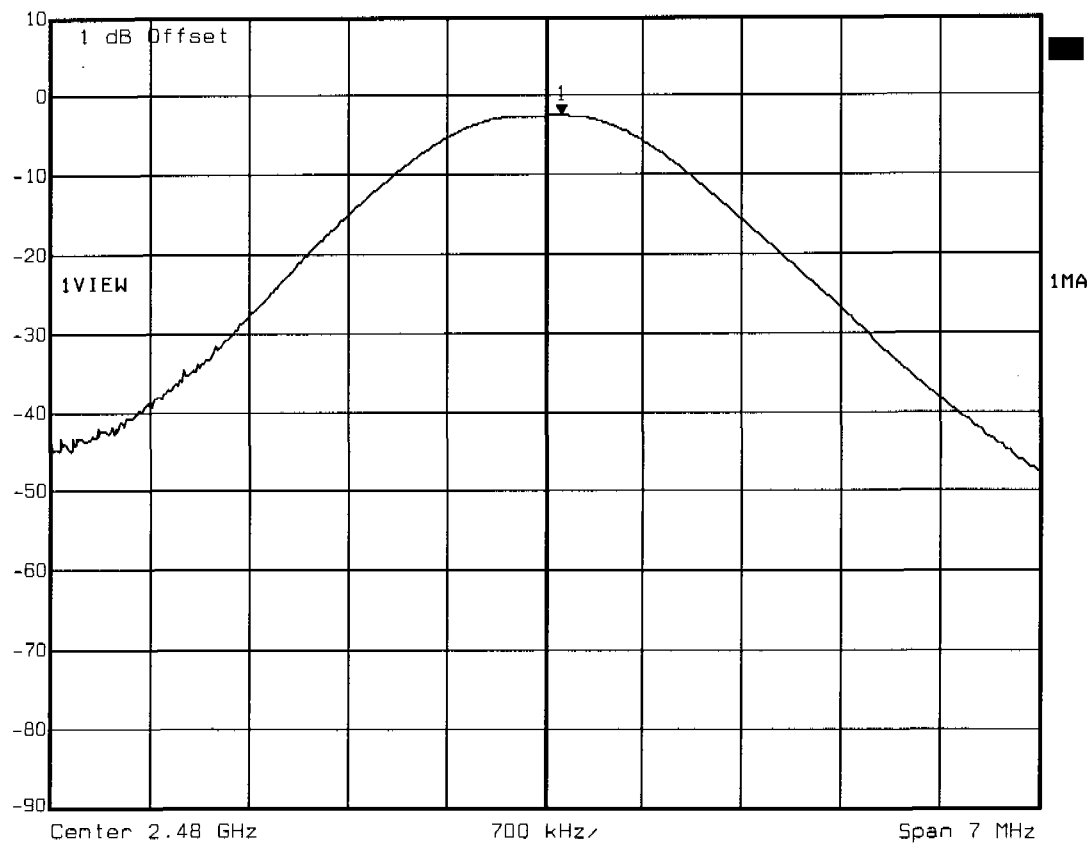
Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 0.27 dBm VBW 1 MHz
10 dBm 2.44104910 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 39 Umax
Comment A: PHD1000
Date: 05.AUG.2005 11:37:36



Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -2.72 dBm VBW 1 MHz
10 dBm 2.48011924 GHz SWT 5 ms Unit dBm

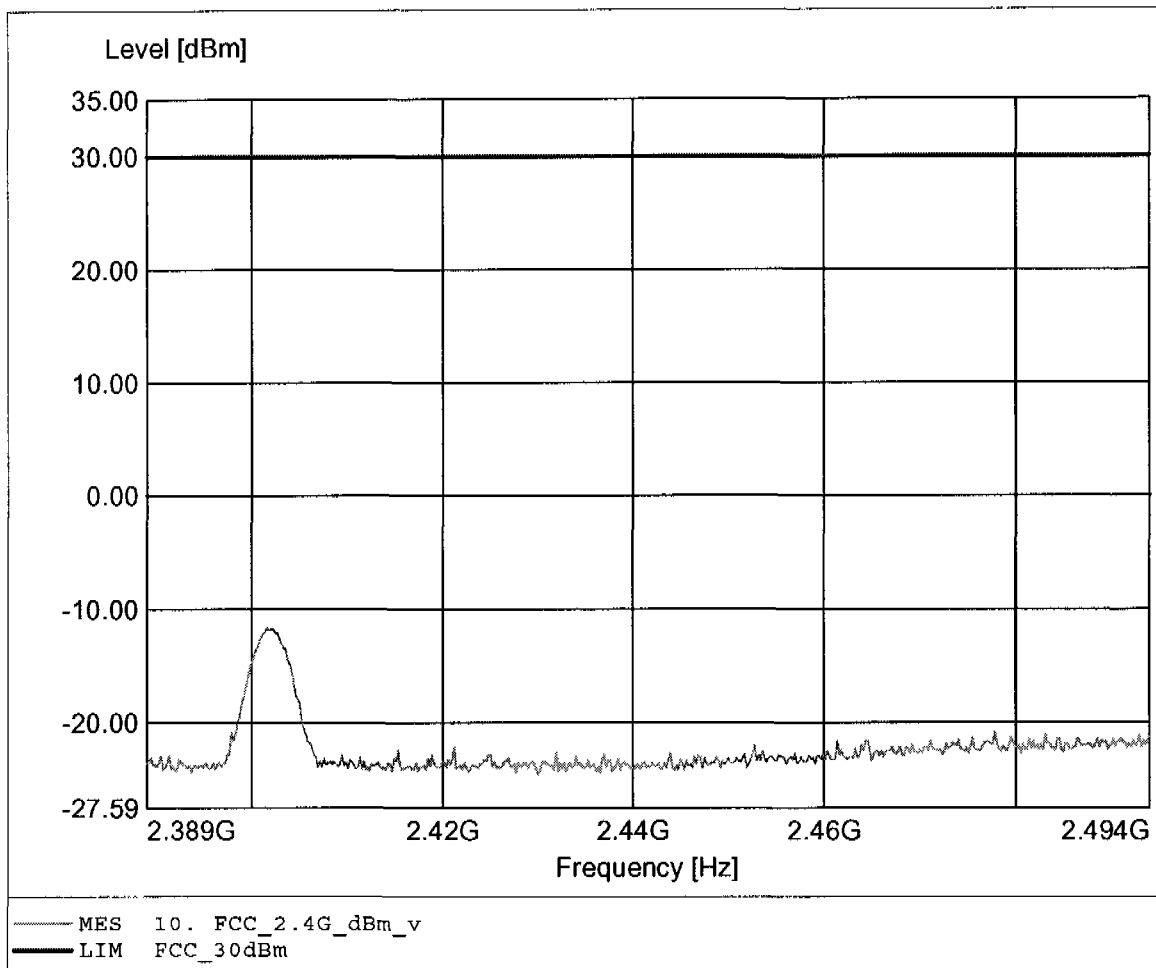


Title: Peak Output Power Conducted Ch.: 78 Umax
Comment A: PHD1000
Date: 05.AUG.2005 11:36:54

Carrier power (dBm)

FCC RULES PART 15, SUBPART C

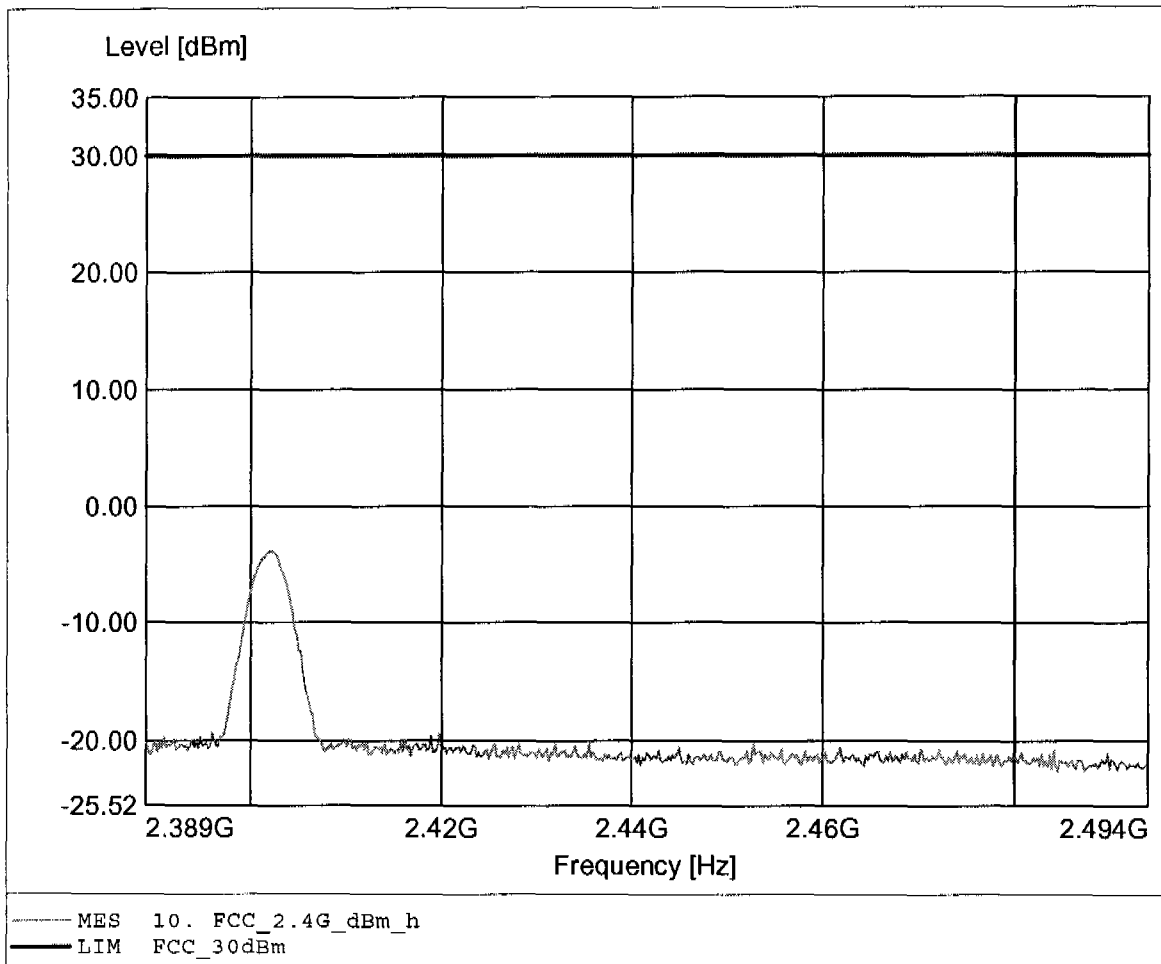
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: -11.62dBm, RBW: 3MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

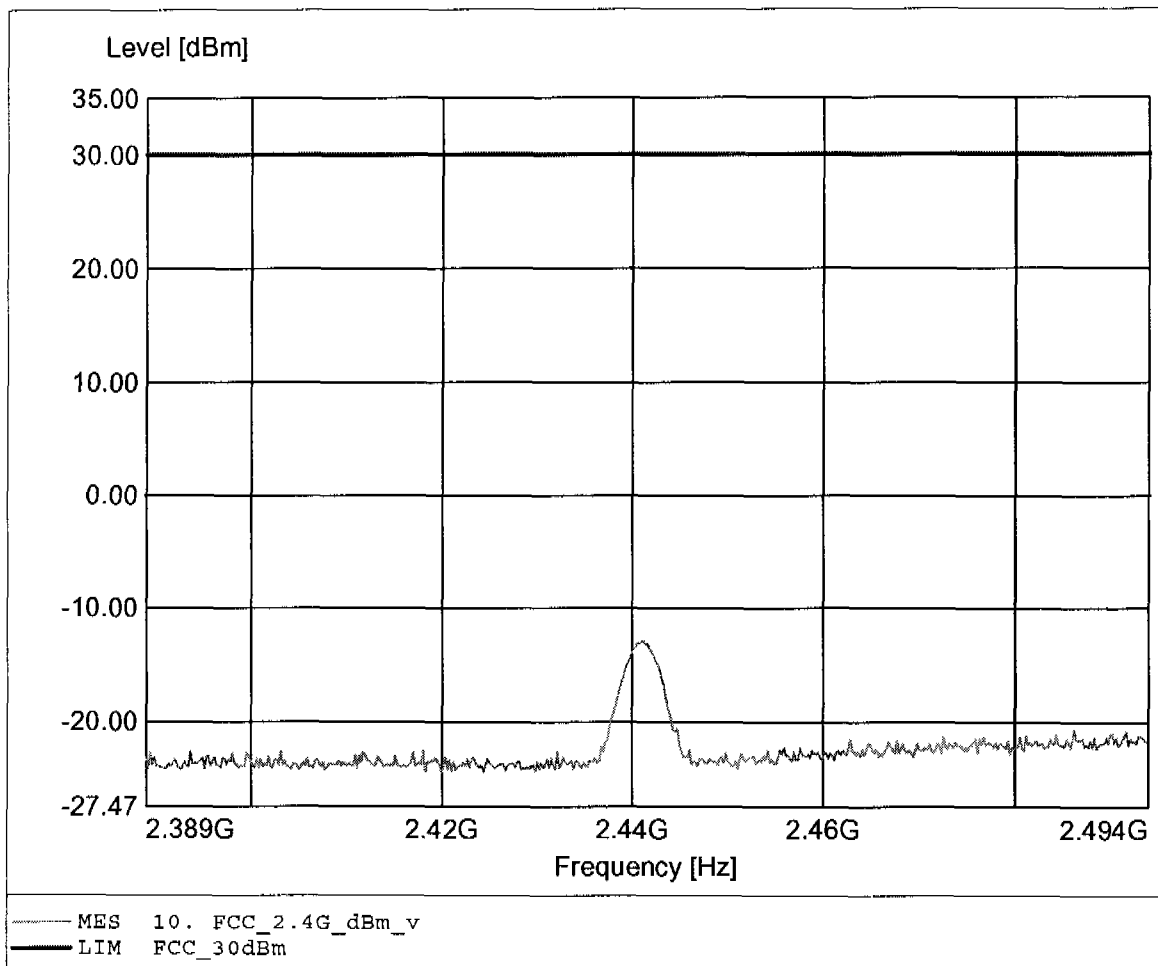
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: -3.85dBm, RBW: 3MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

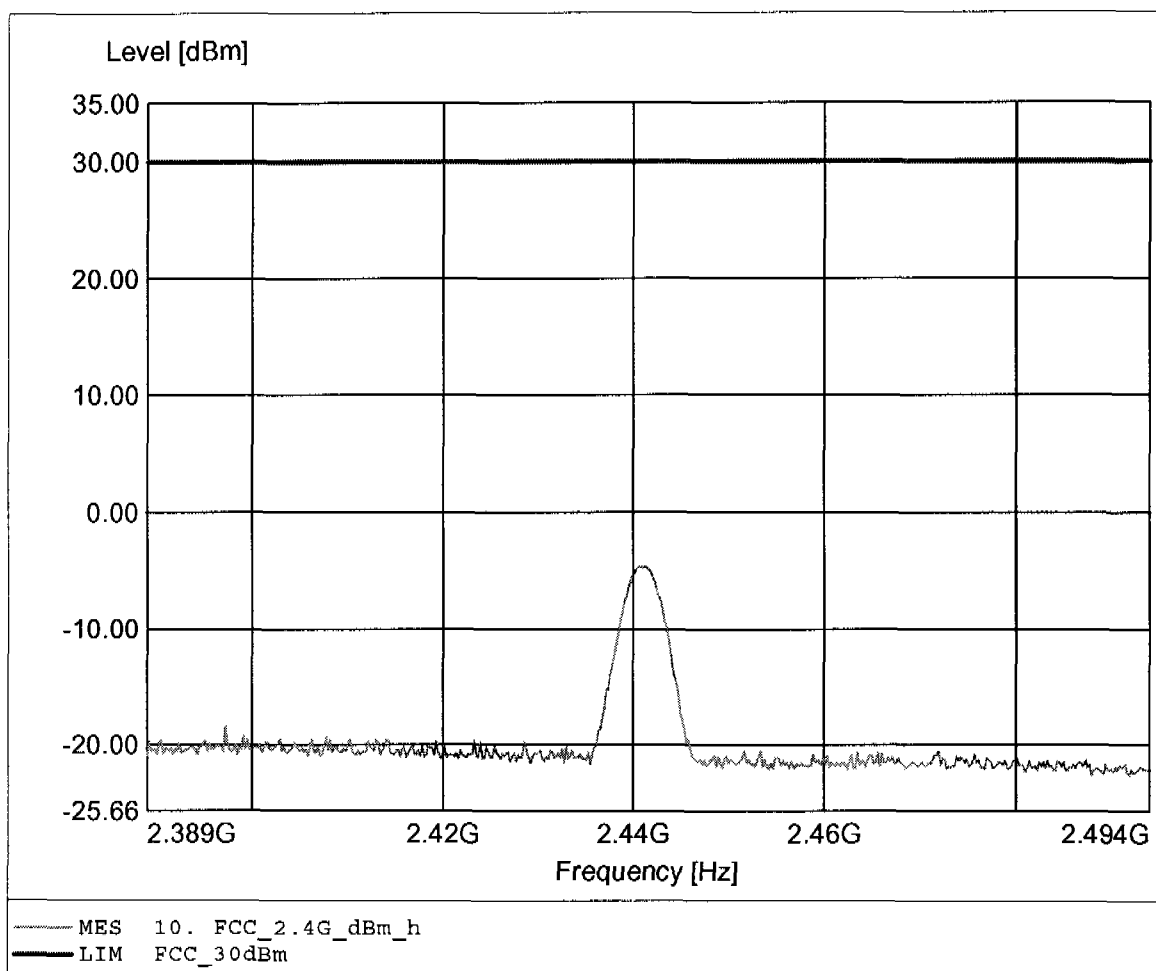
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: -12.89dBm, RBW: 3MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

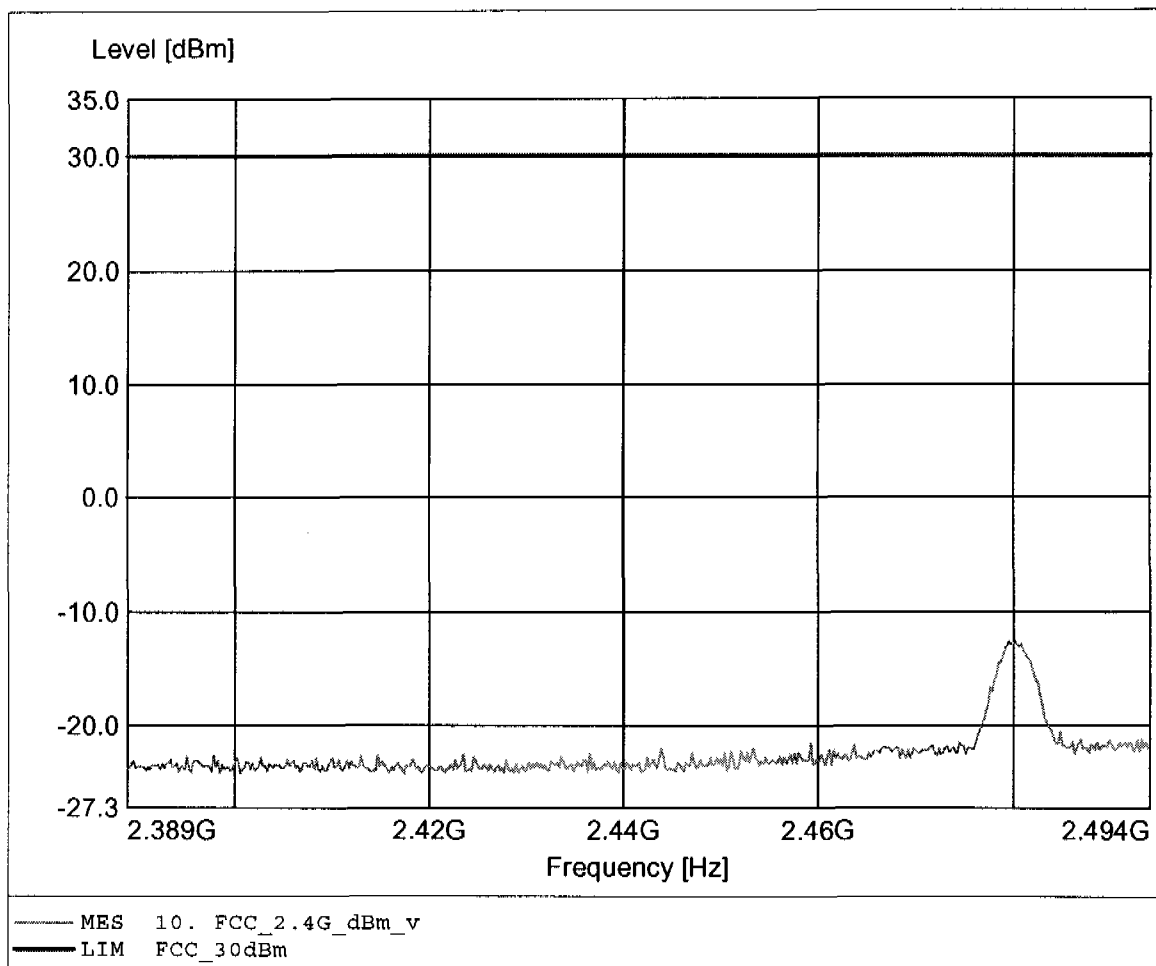
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: -4.58dBm, RBW: 3MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

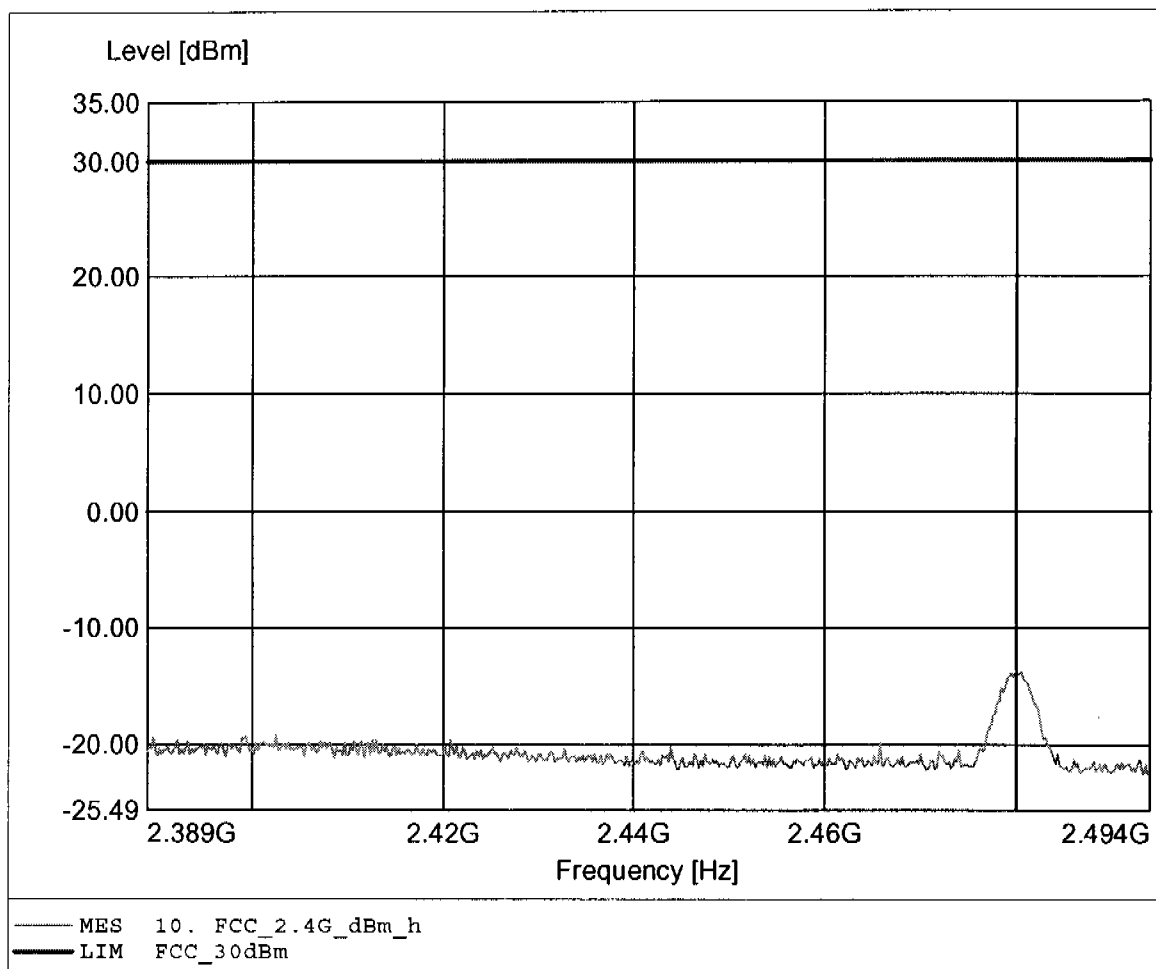
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: -12.53dBm, RBW: 3MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: -13.78dBm, RBW: 3MHz



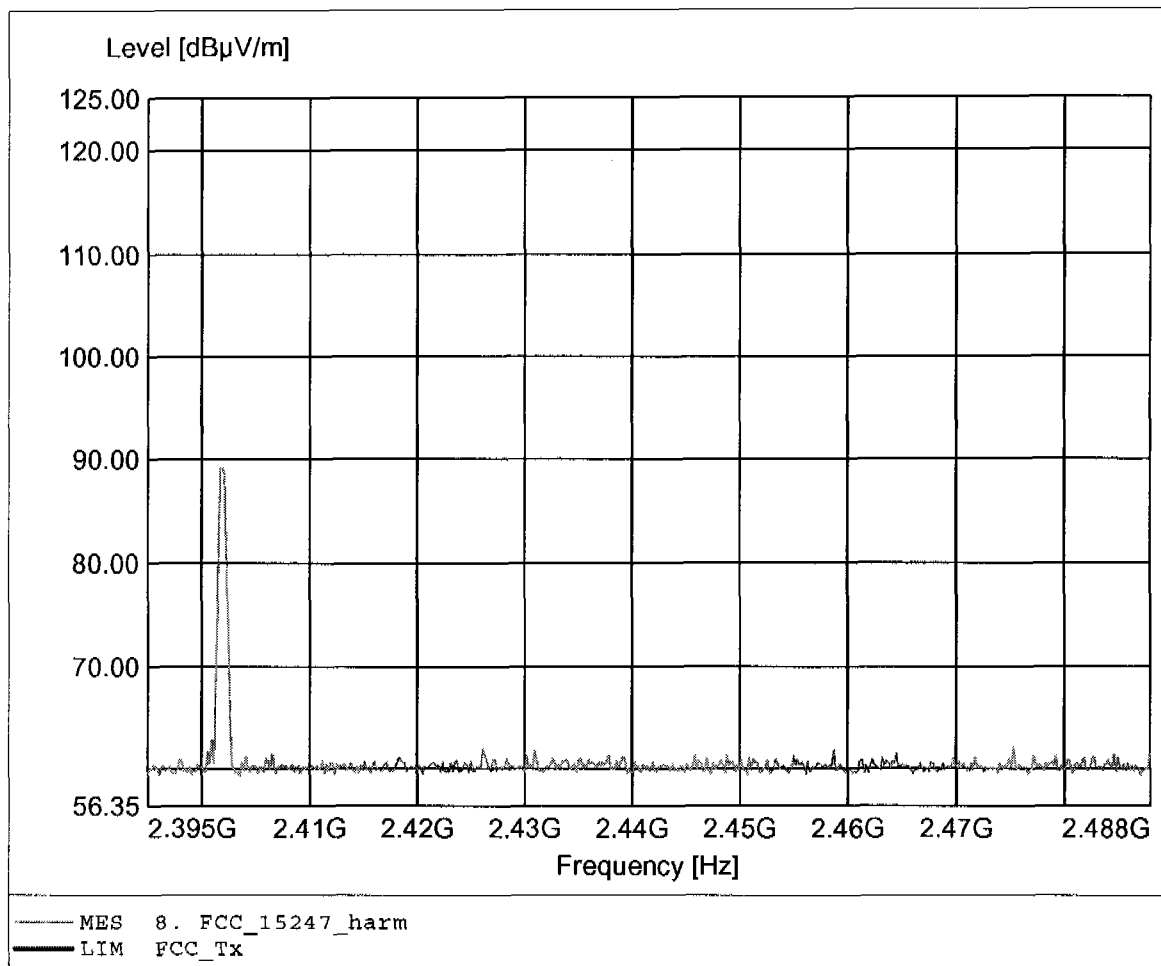
Appendix C

Spurious Emissions radiated - Transmitter operating

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

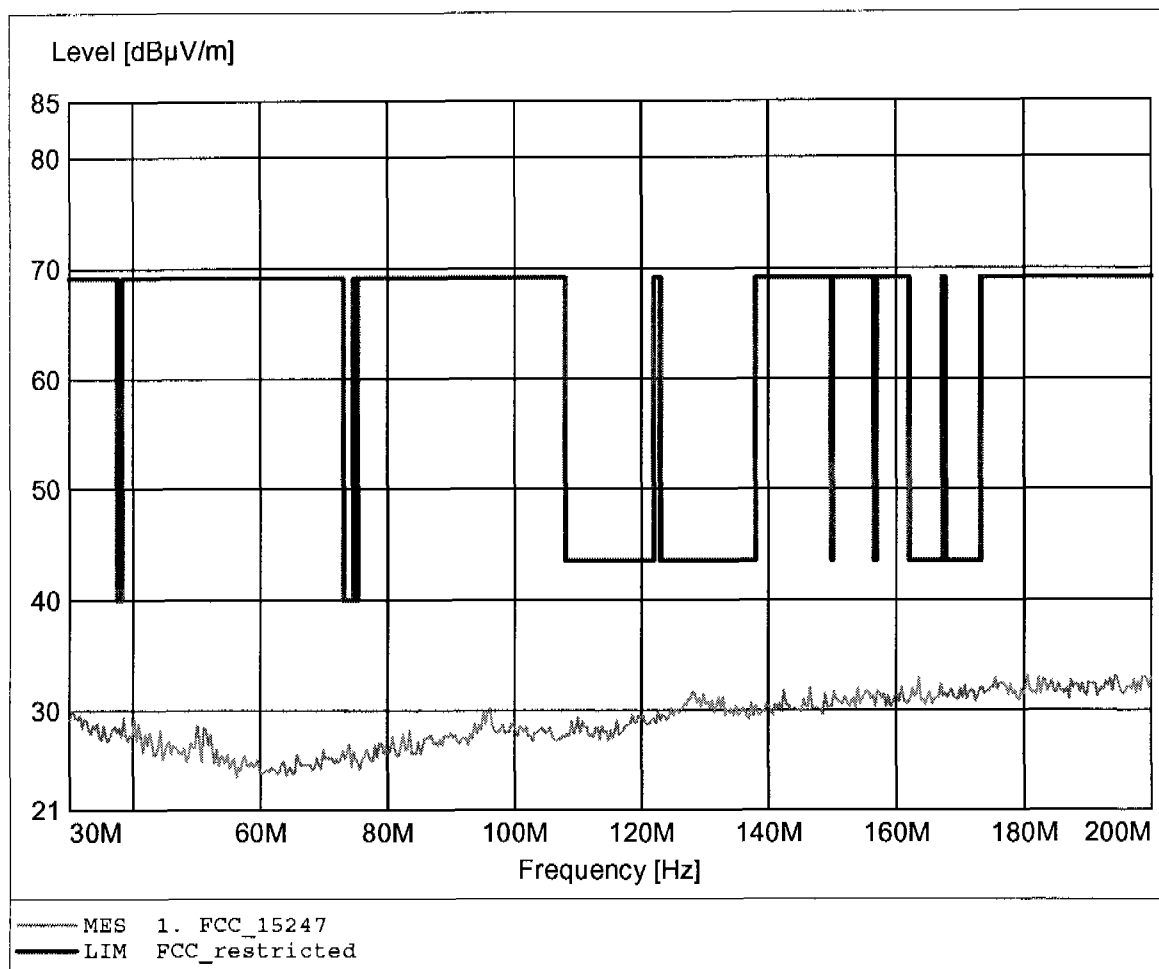
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Emax: 89.14dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

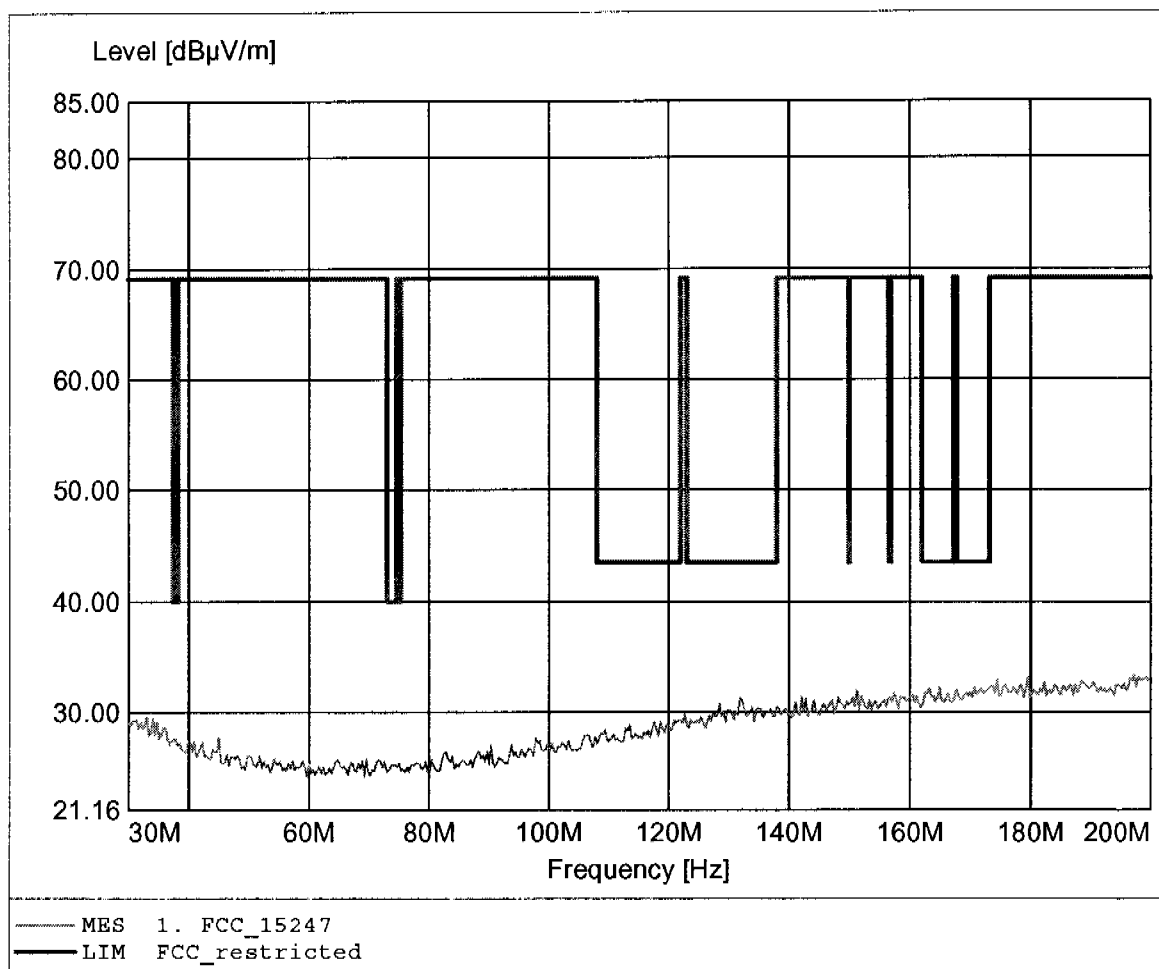
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 180.581MHz, Emax: 33.16dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

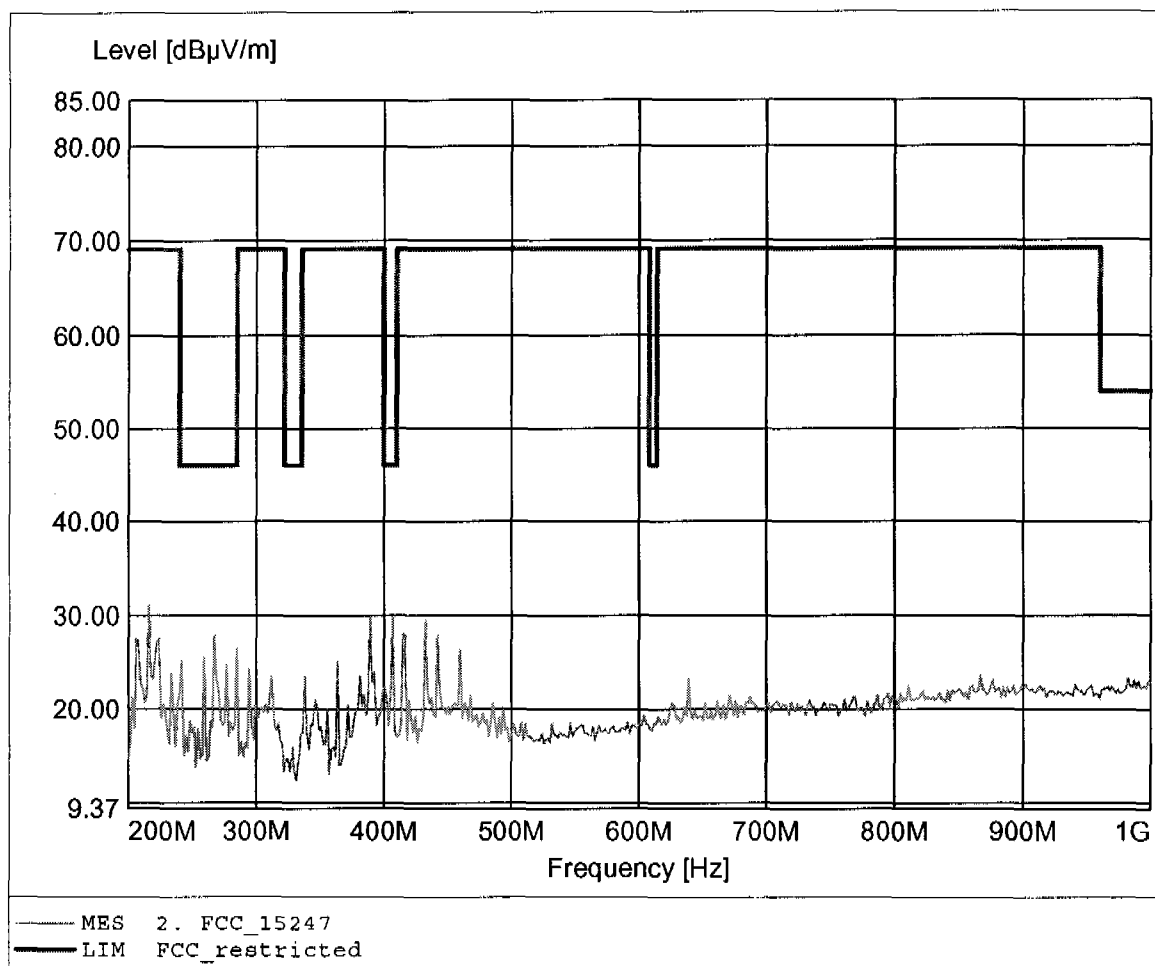
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.275MHz, Emax: 33.34dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

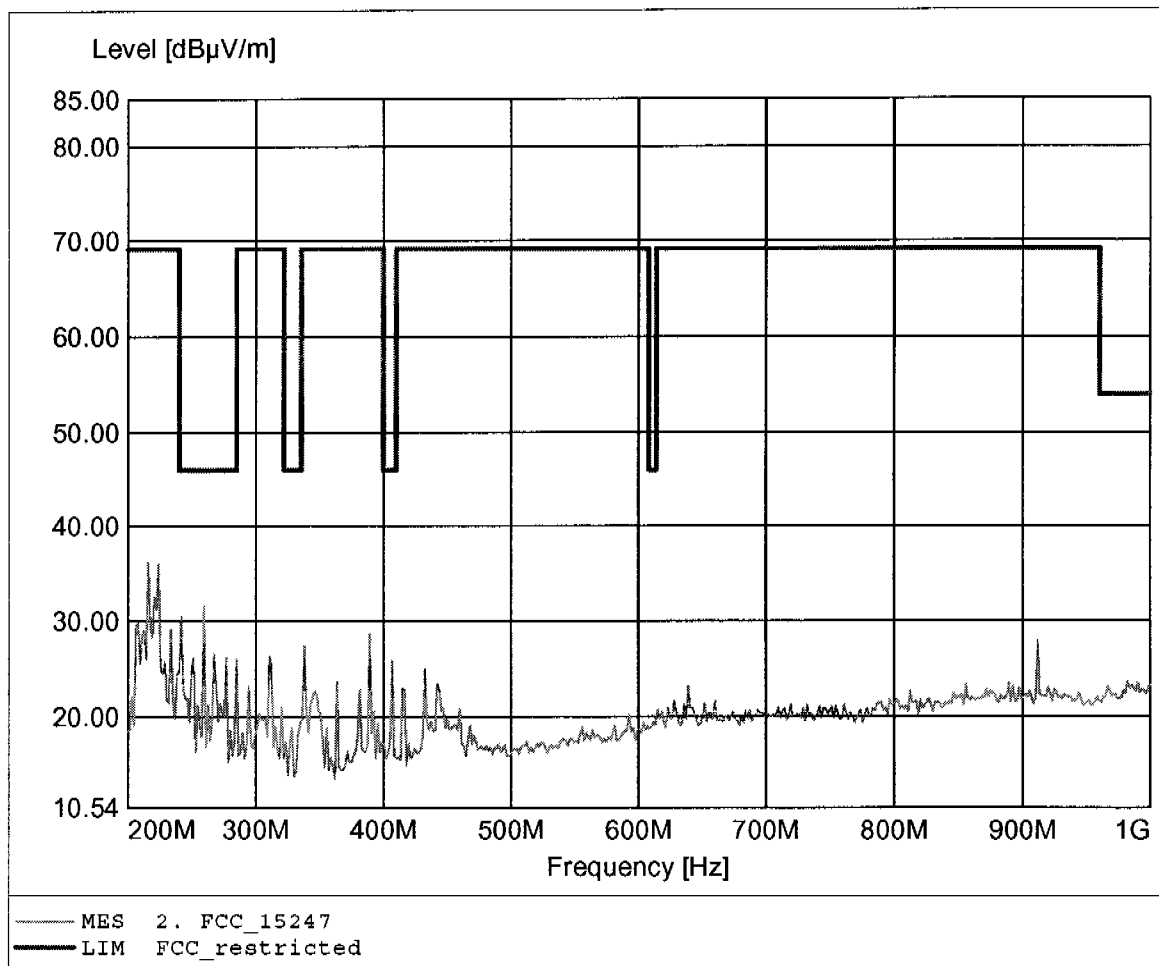
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 216.032MHz, Emax: 31.13dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

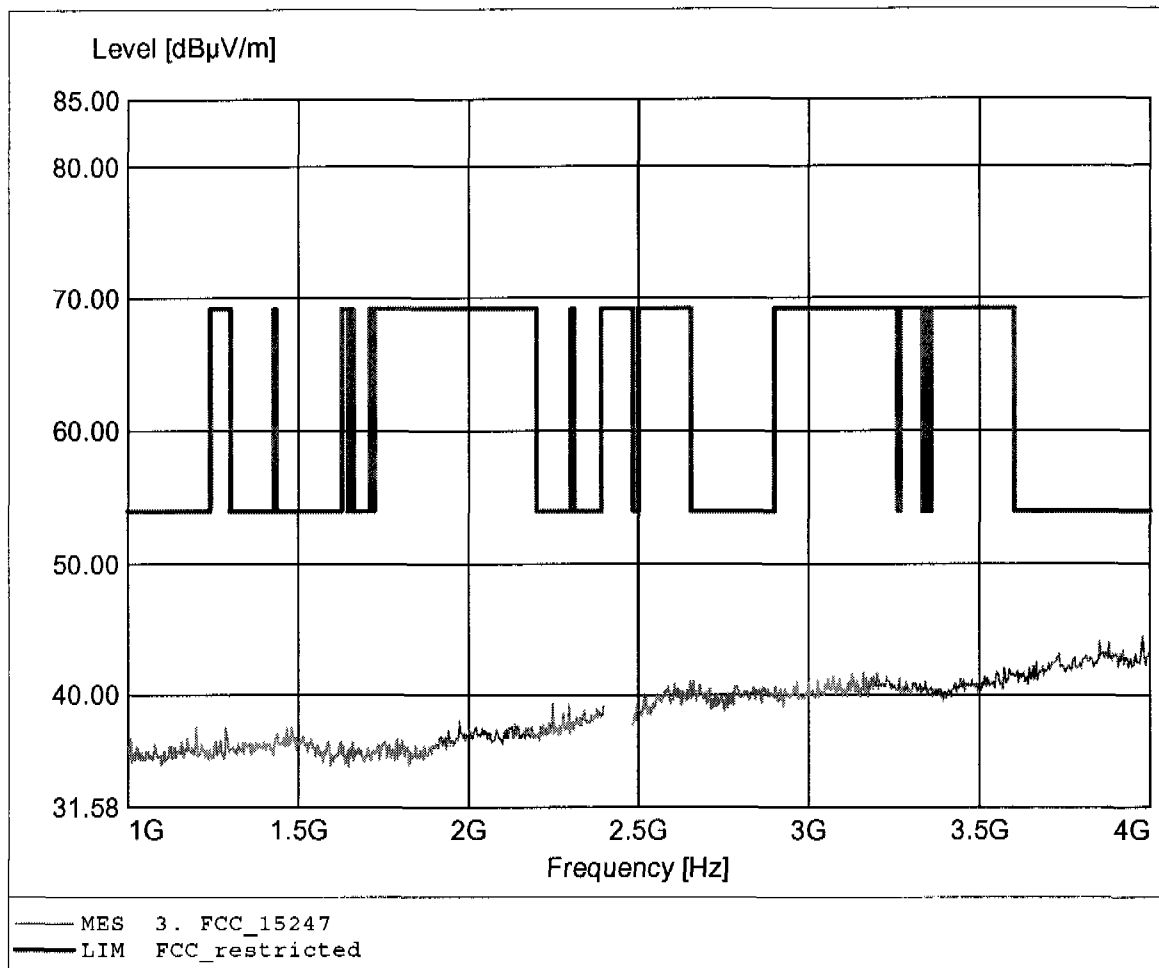
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 216.032MHz, Emax: 36.15dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

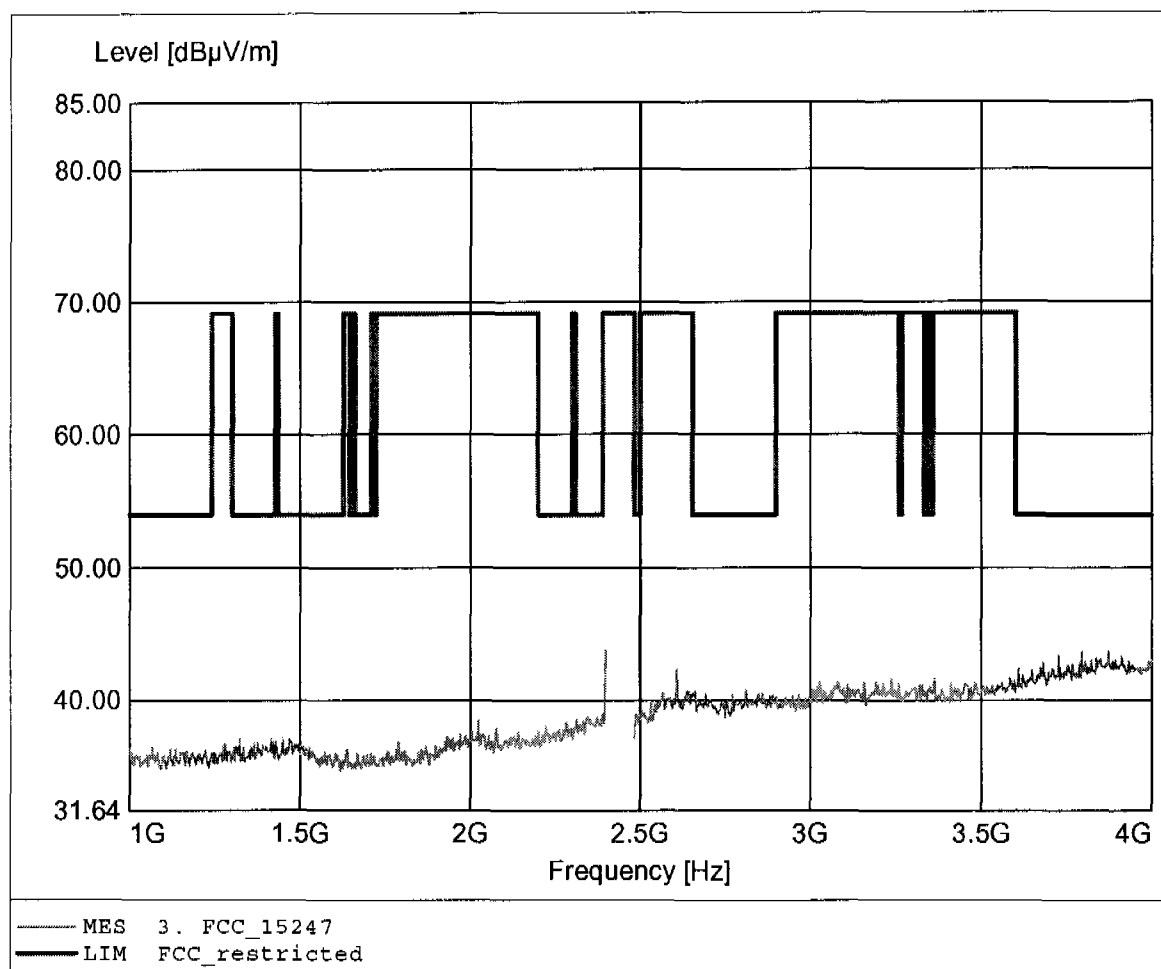
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.979GHz, Emax: 44.49dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

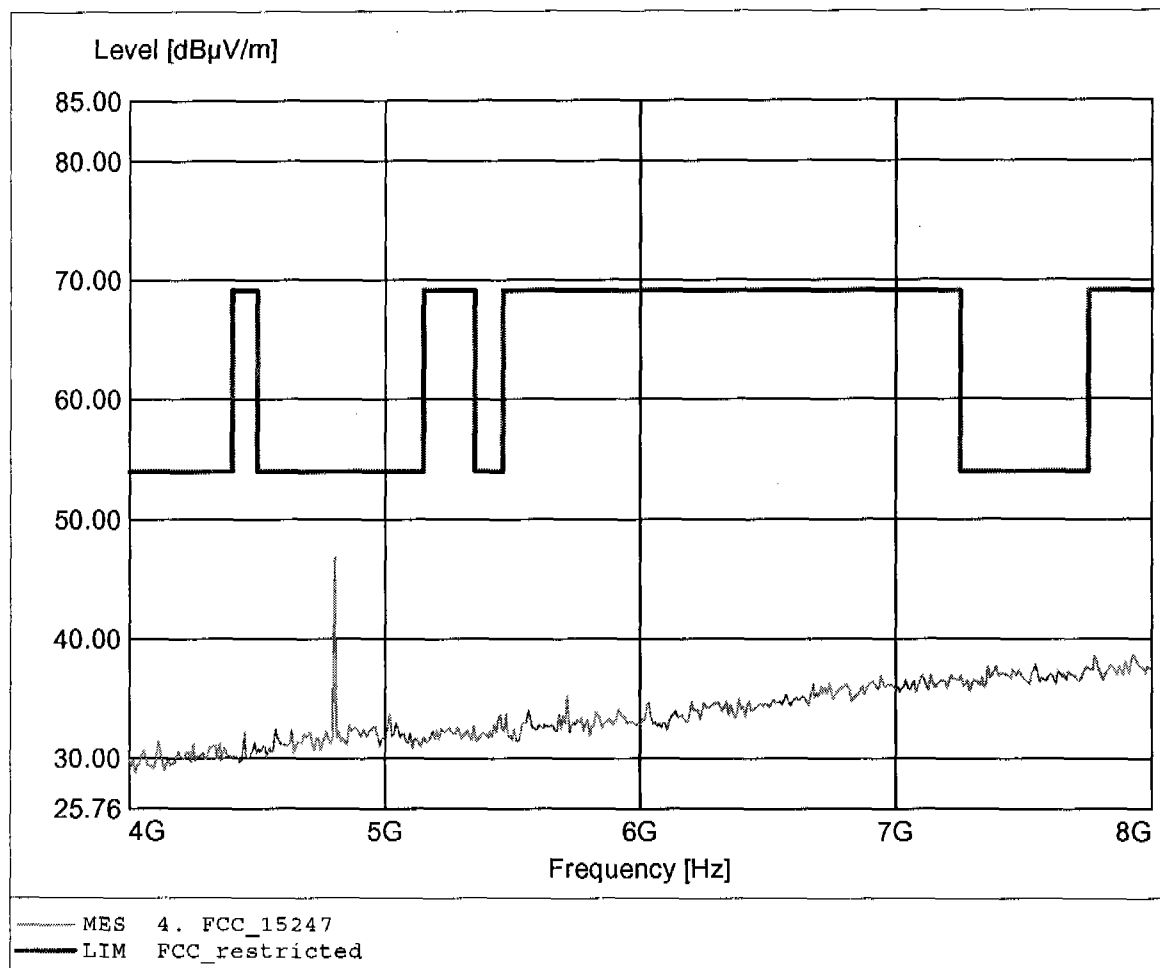
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 43.77dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

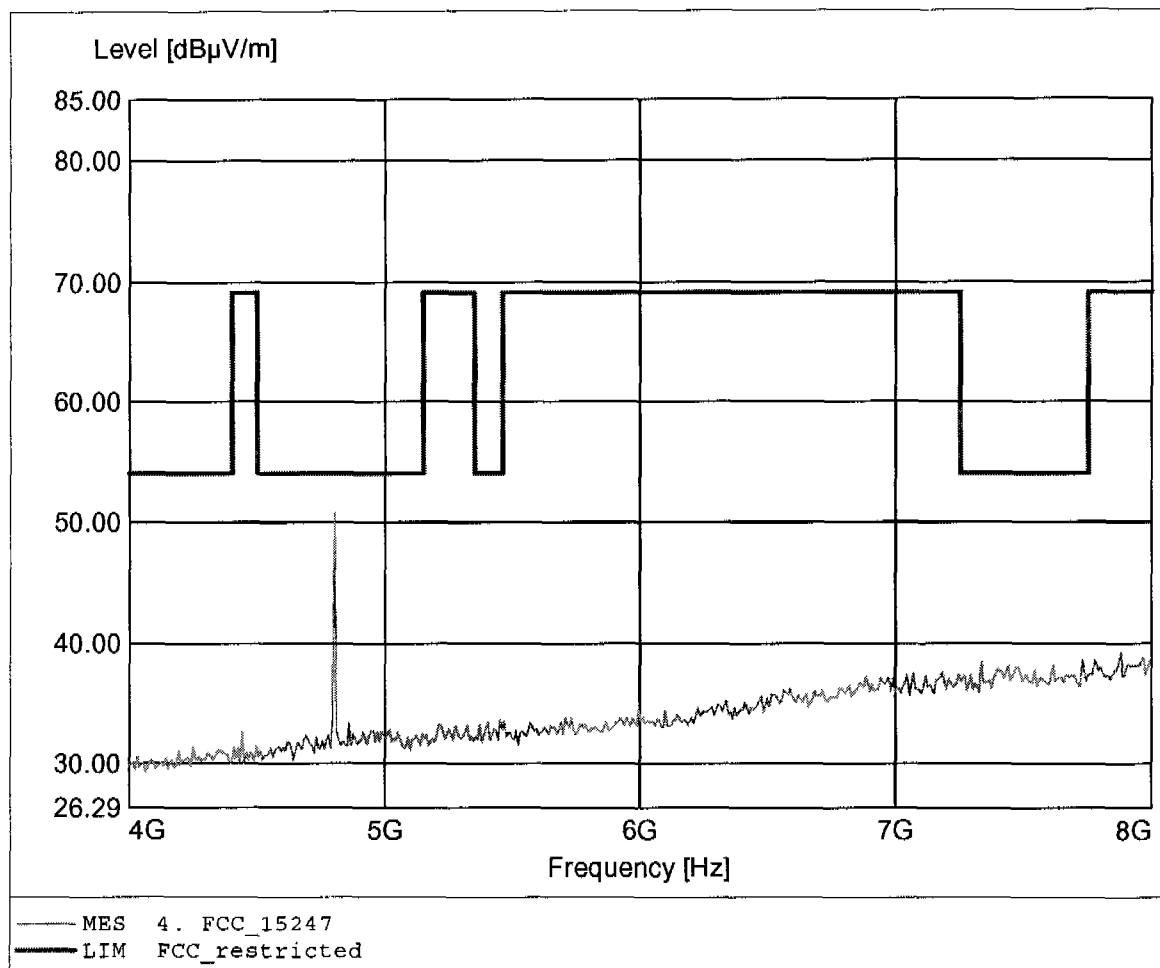
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.802GHz, Emax: 46.84dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

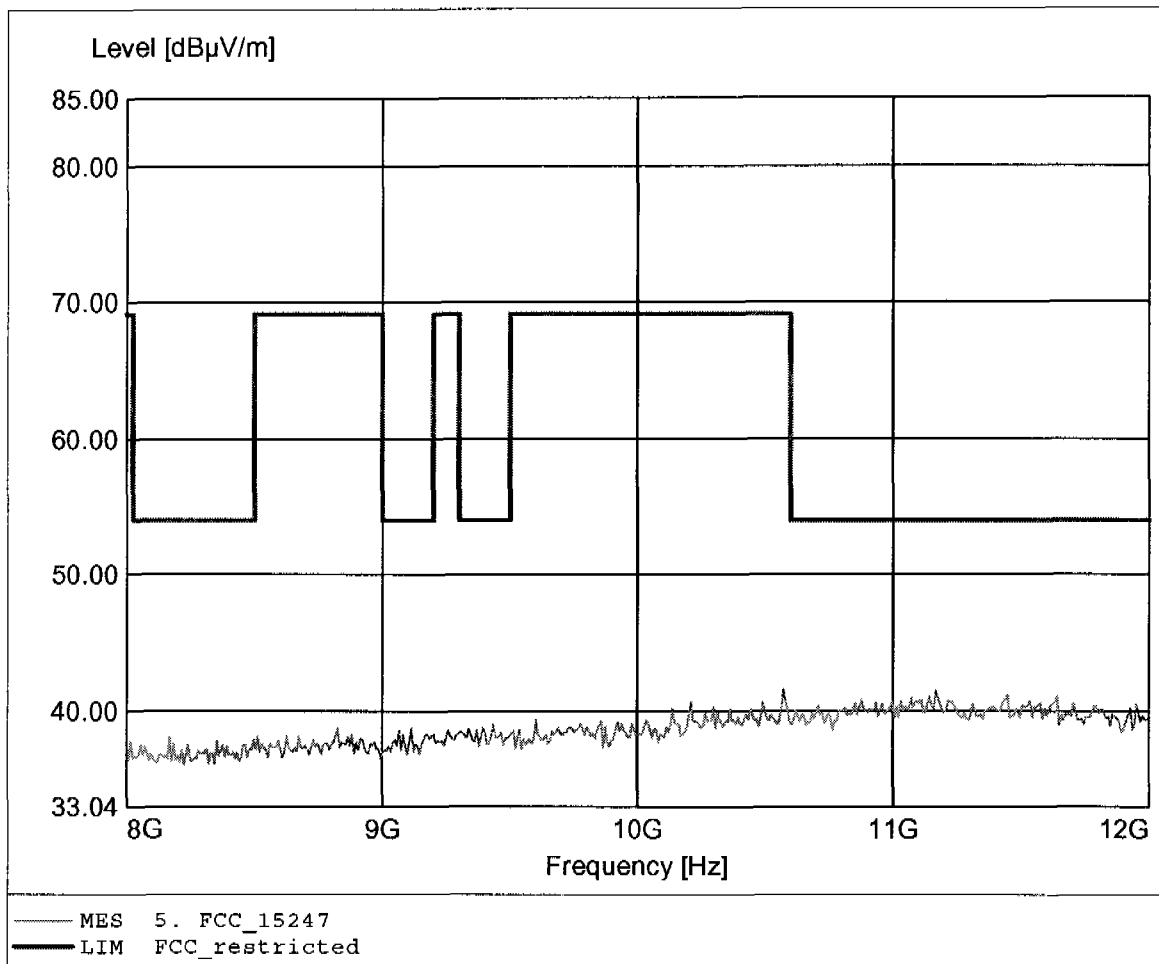
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.802GHz, Emax: 50.73dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

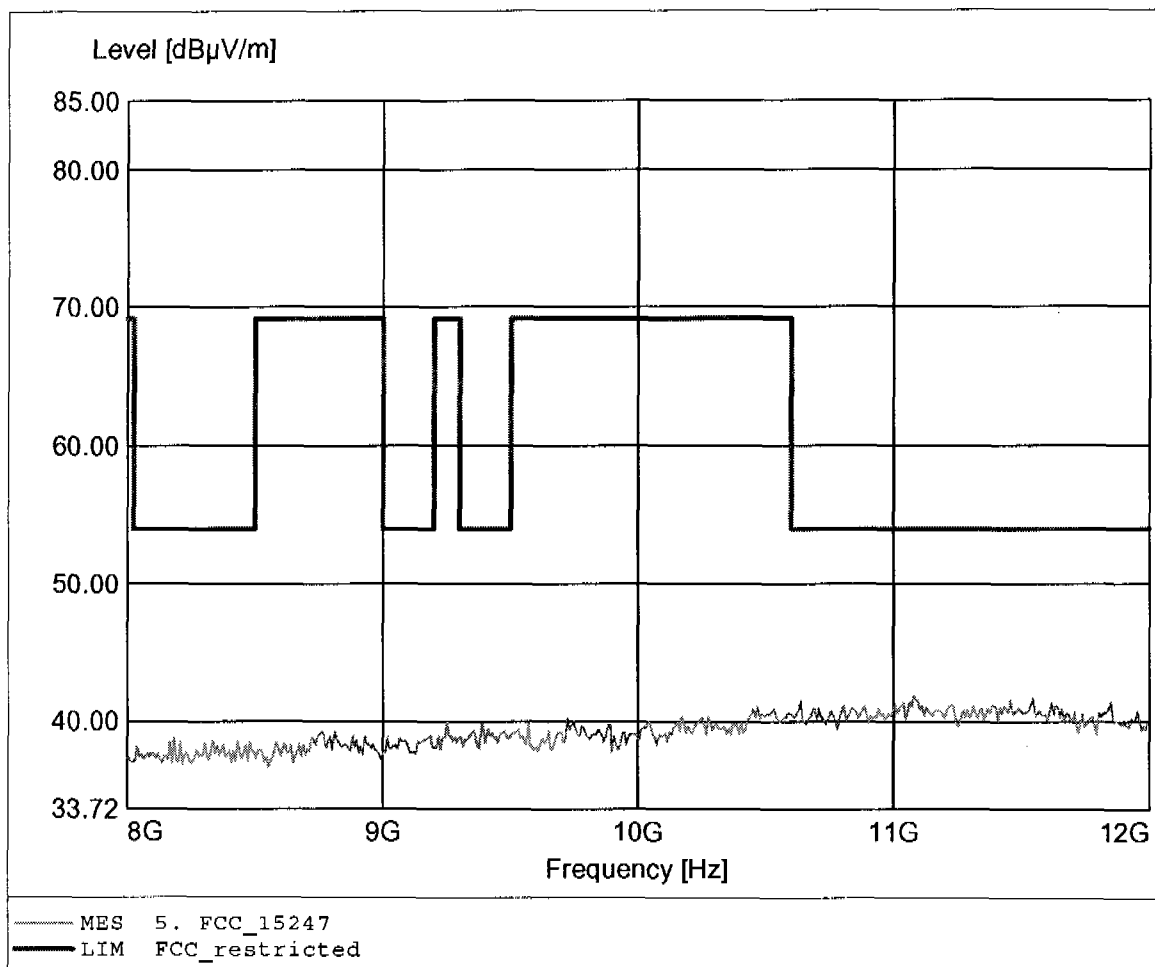
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 10.573GHz, Emax: 41.51dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

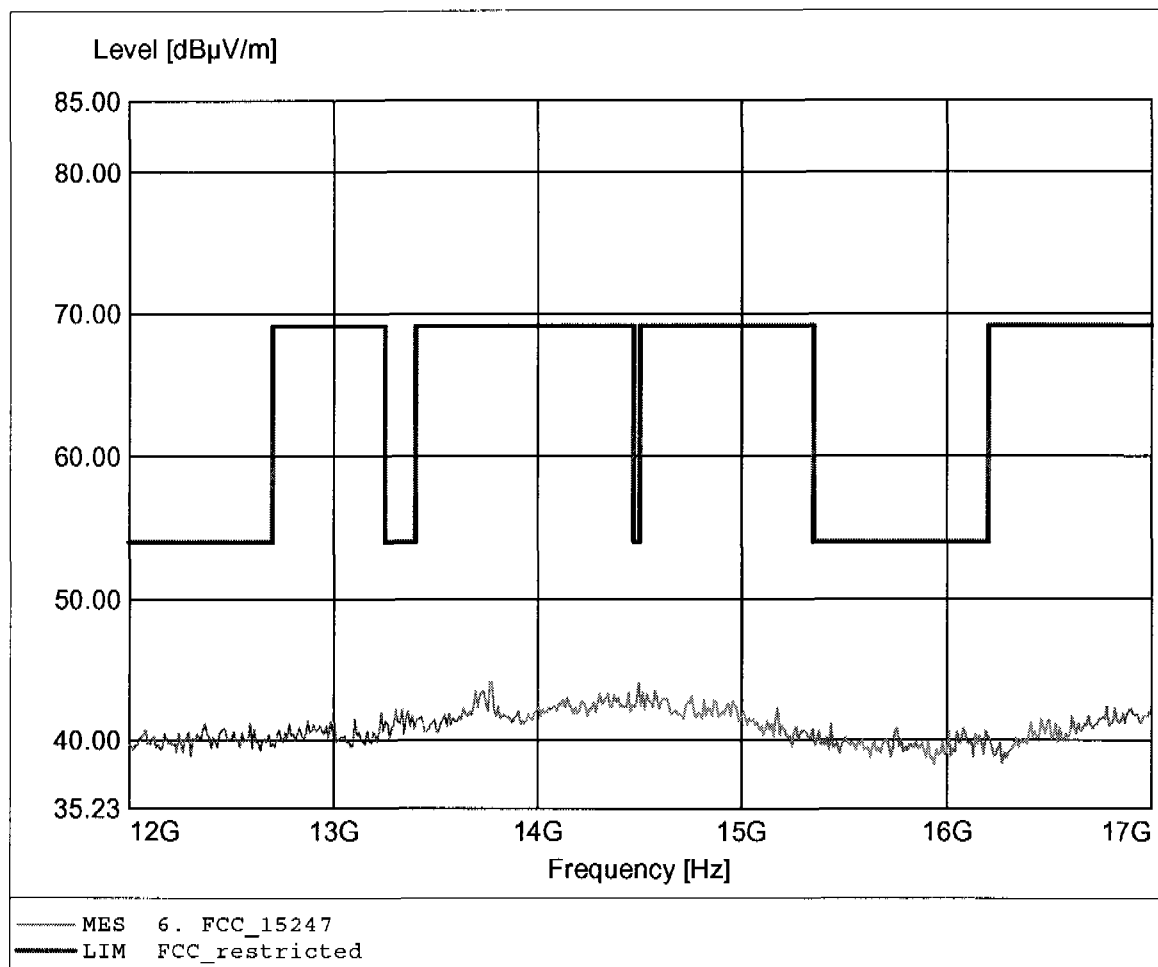
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.078GHz, Emax: 41.81dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

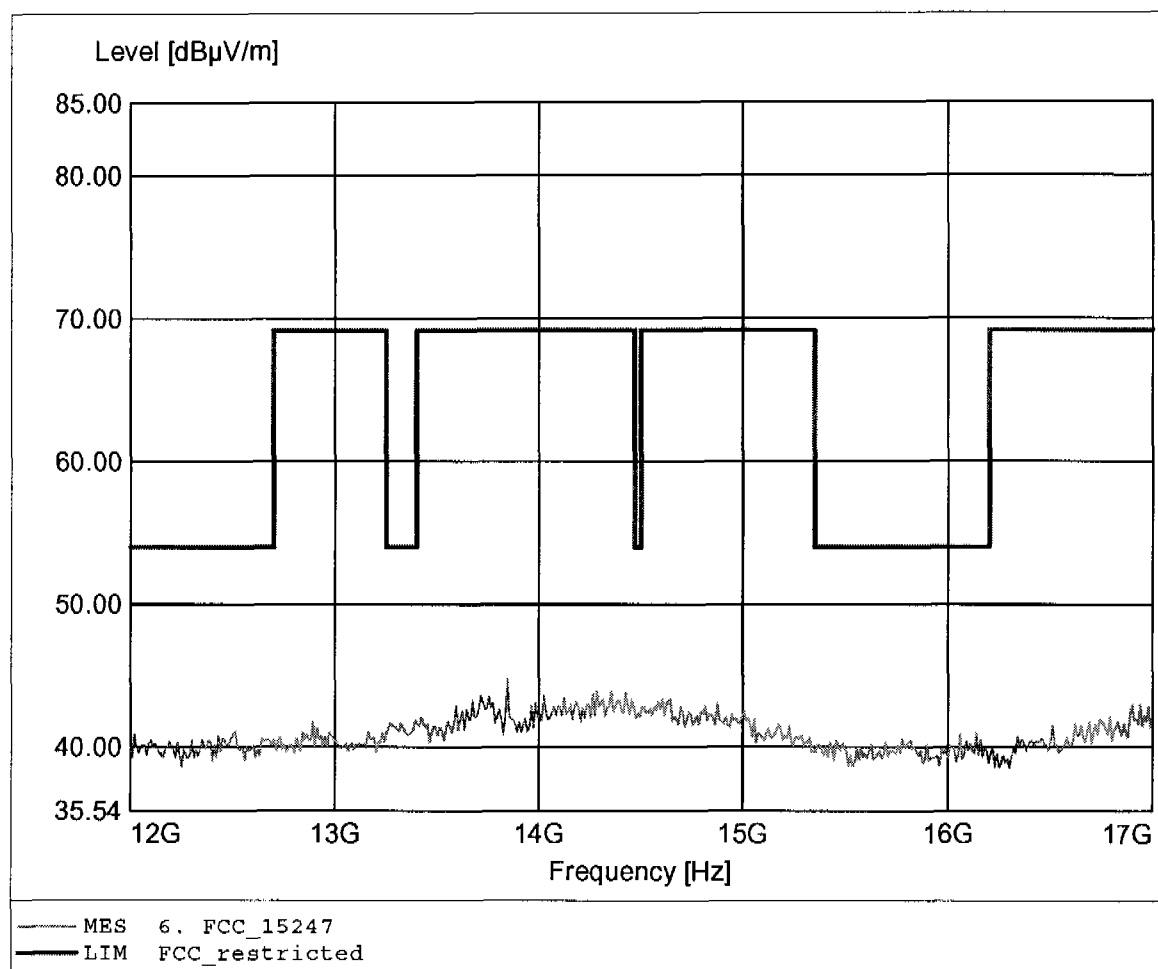
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 13.774GHz, Emax: 44.12dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

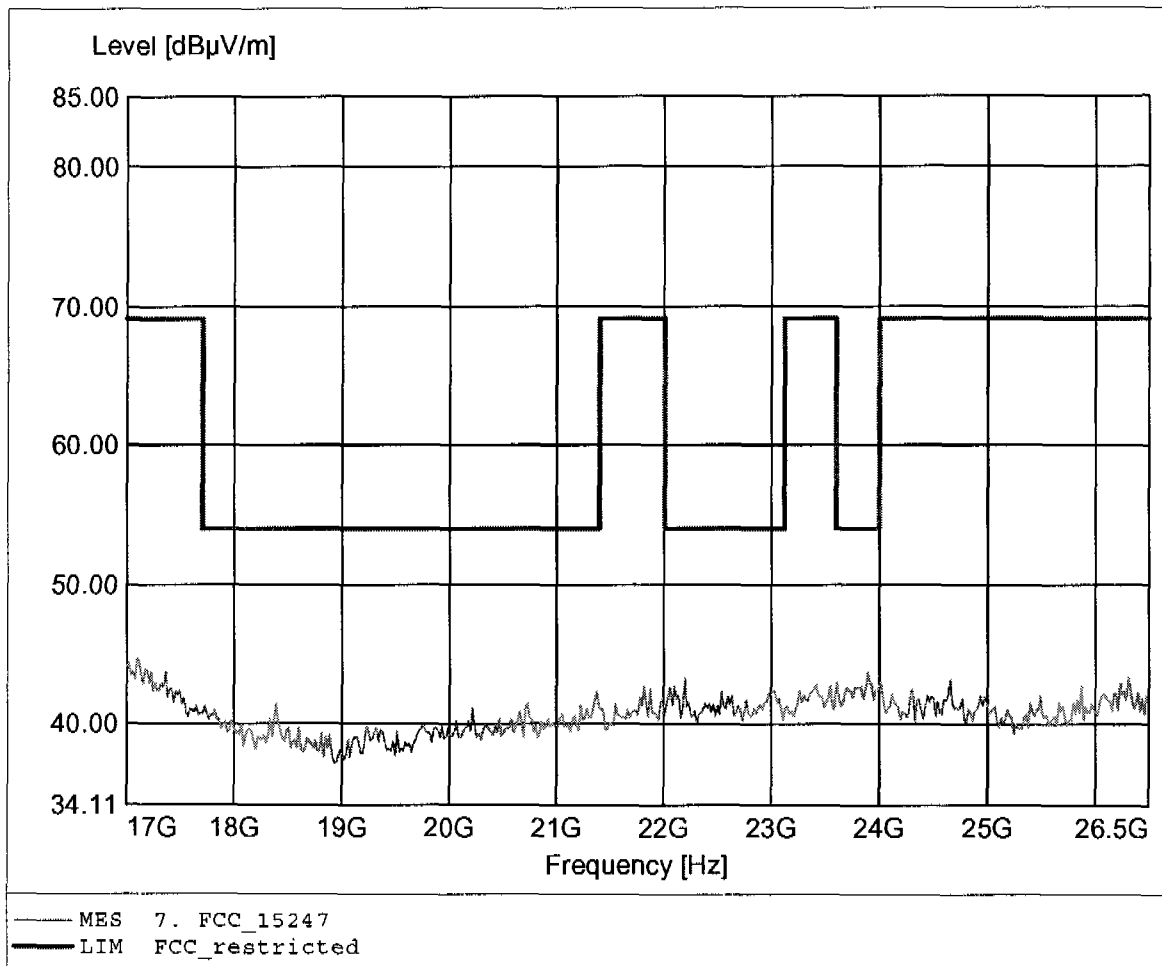
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 13.844GHz, Emax: 44.81dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

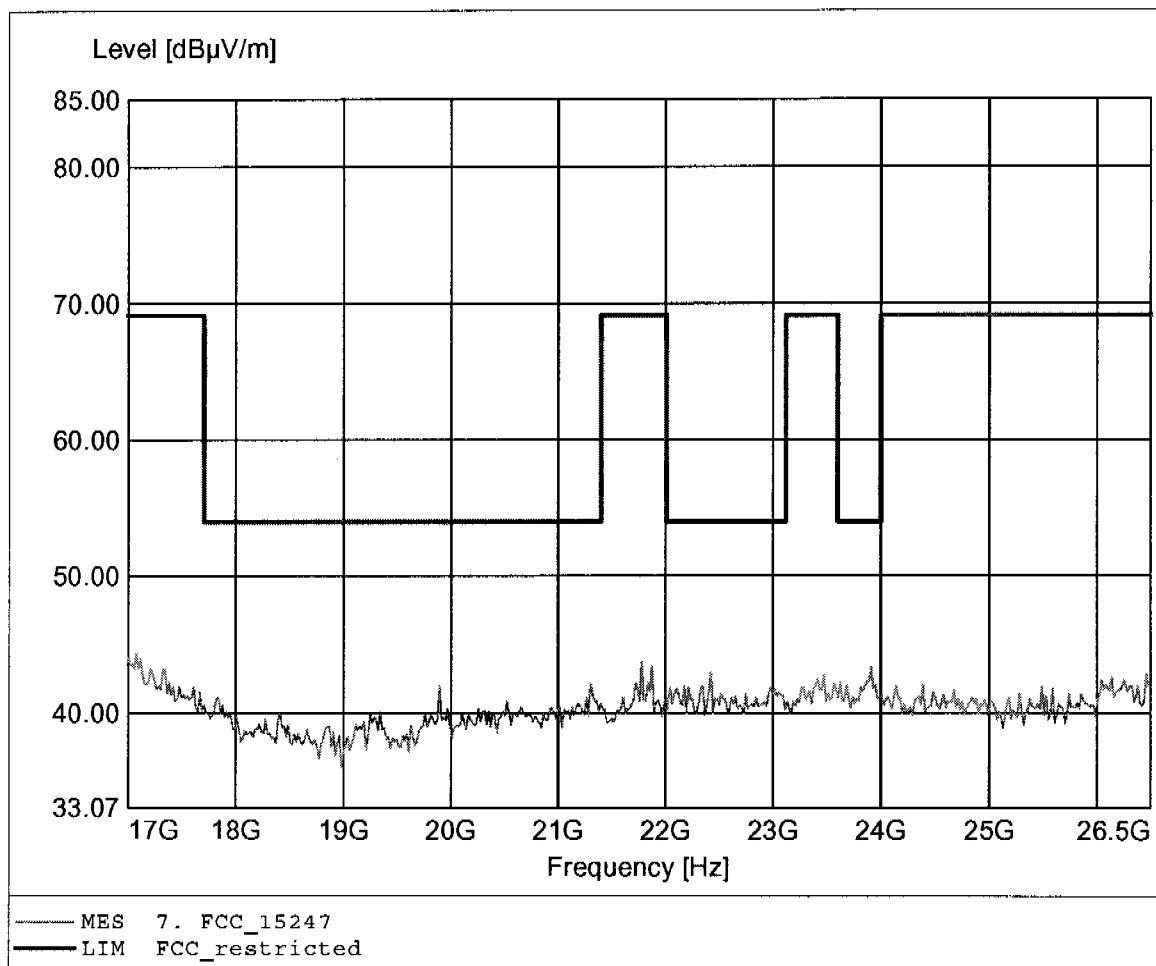
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.095GHz, Emax: 44.65dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

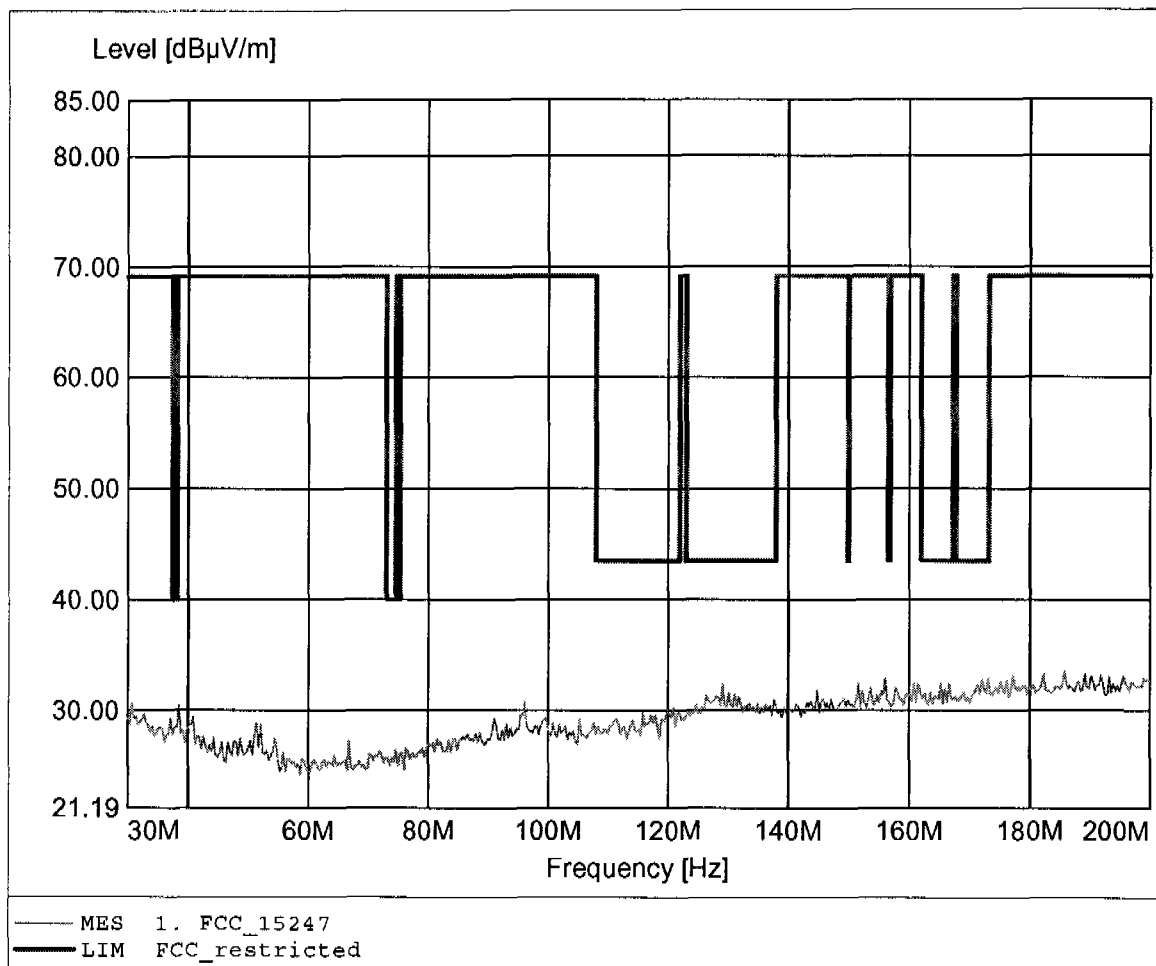
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2402 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.076GHz, Emax: 44.28dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

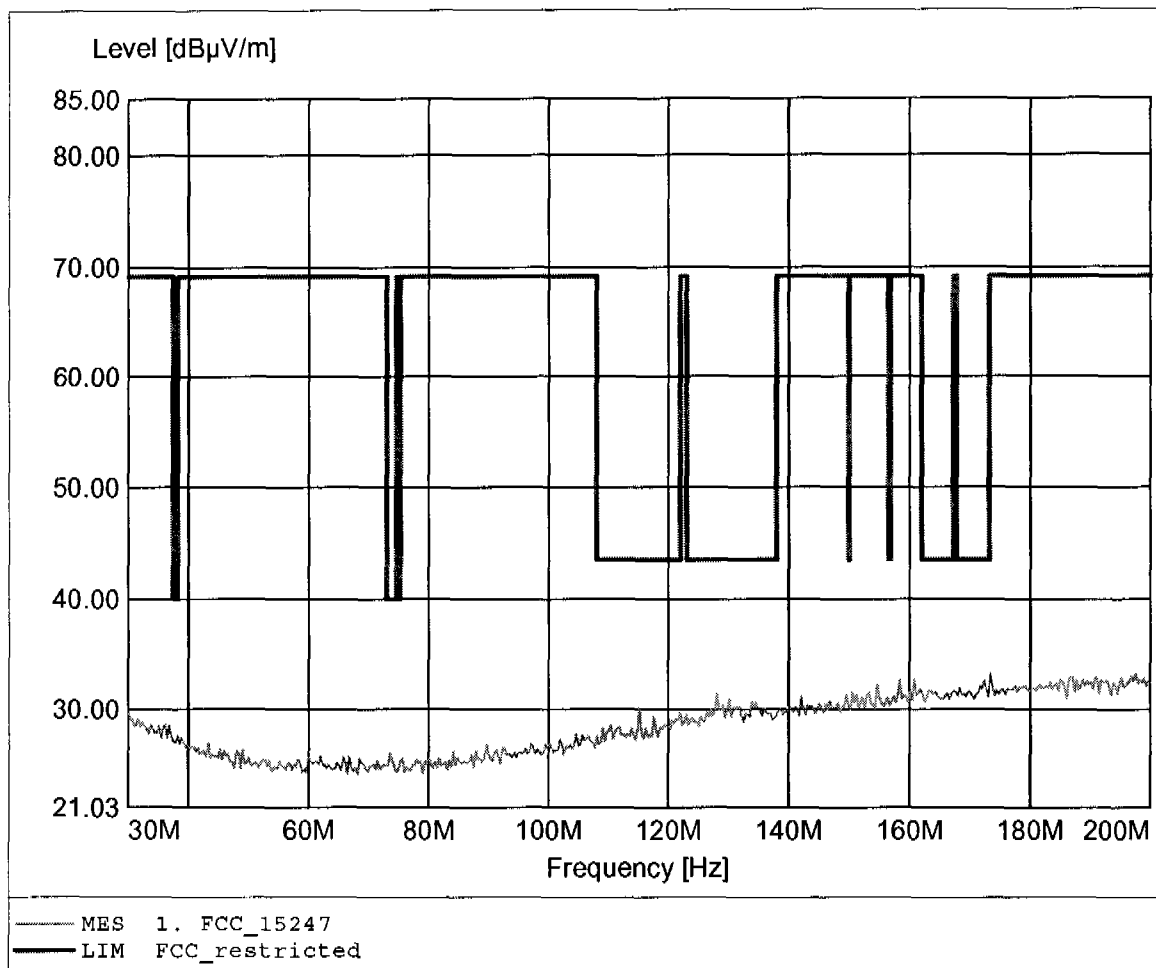
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 185.691MHz, Emax: 33.53dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

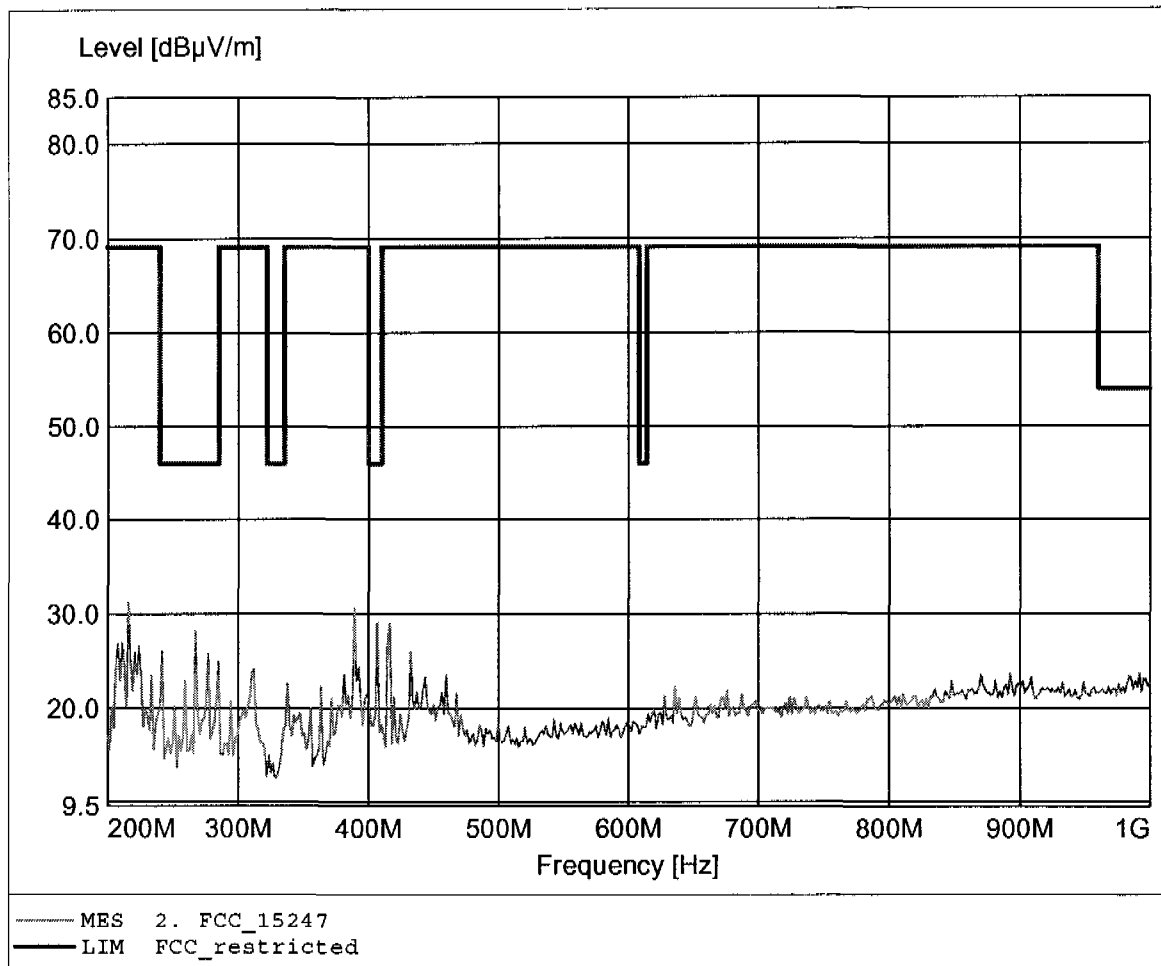
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.615MHz, Emax: 33.30dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

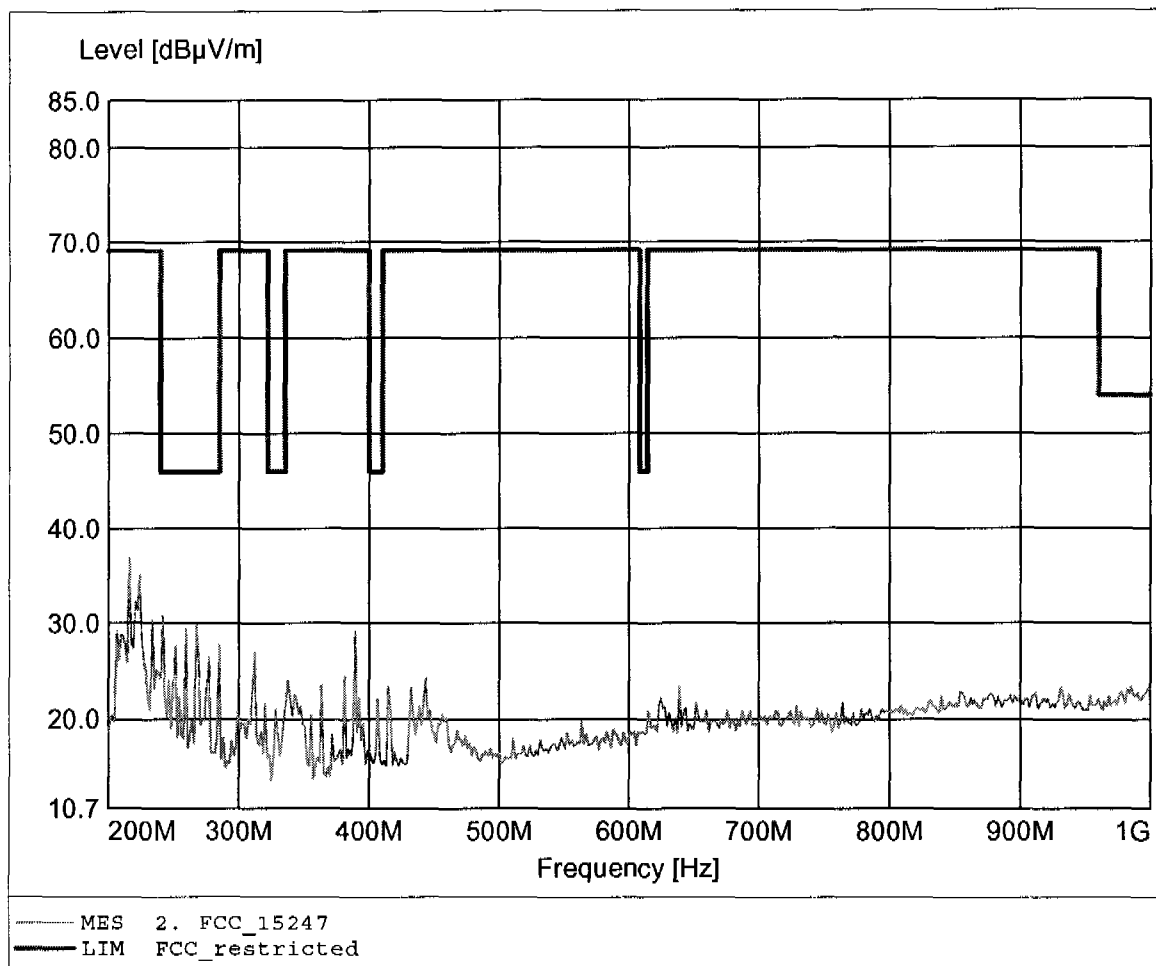
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 216.032MHz, Emax: 31.22dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

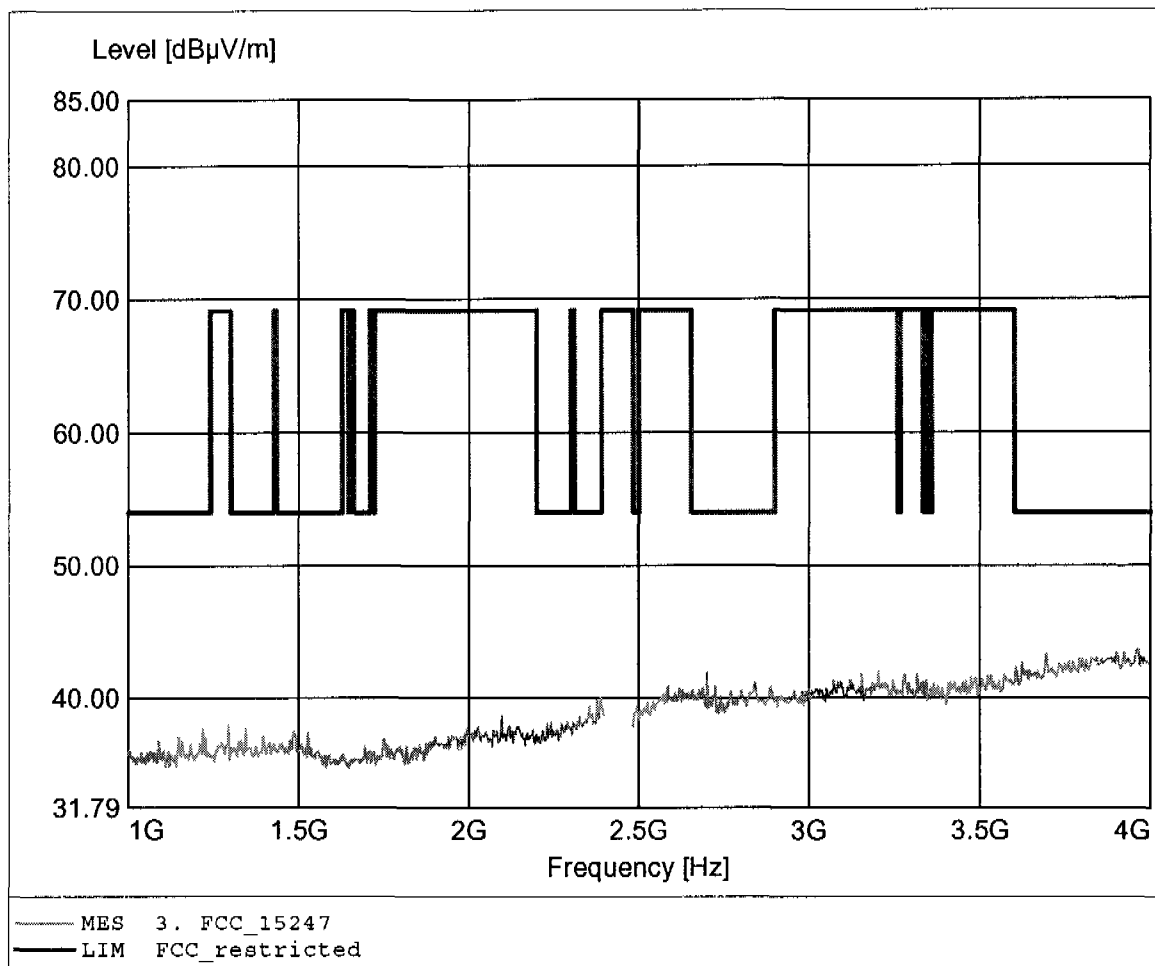
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 216.032MHz, Emax: 36.87dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

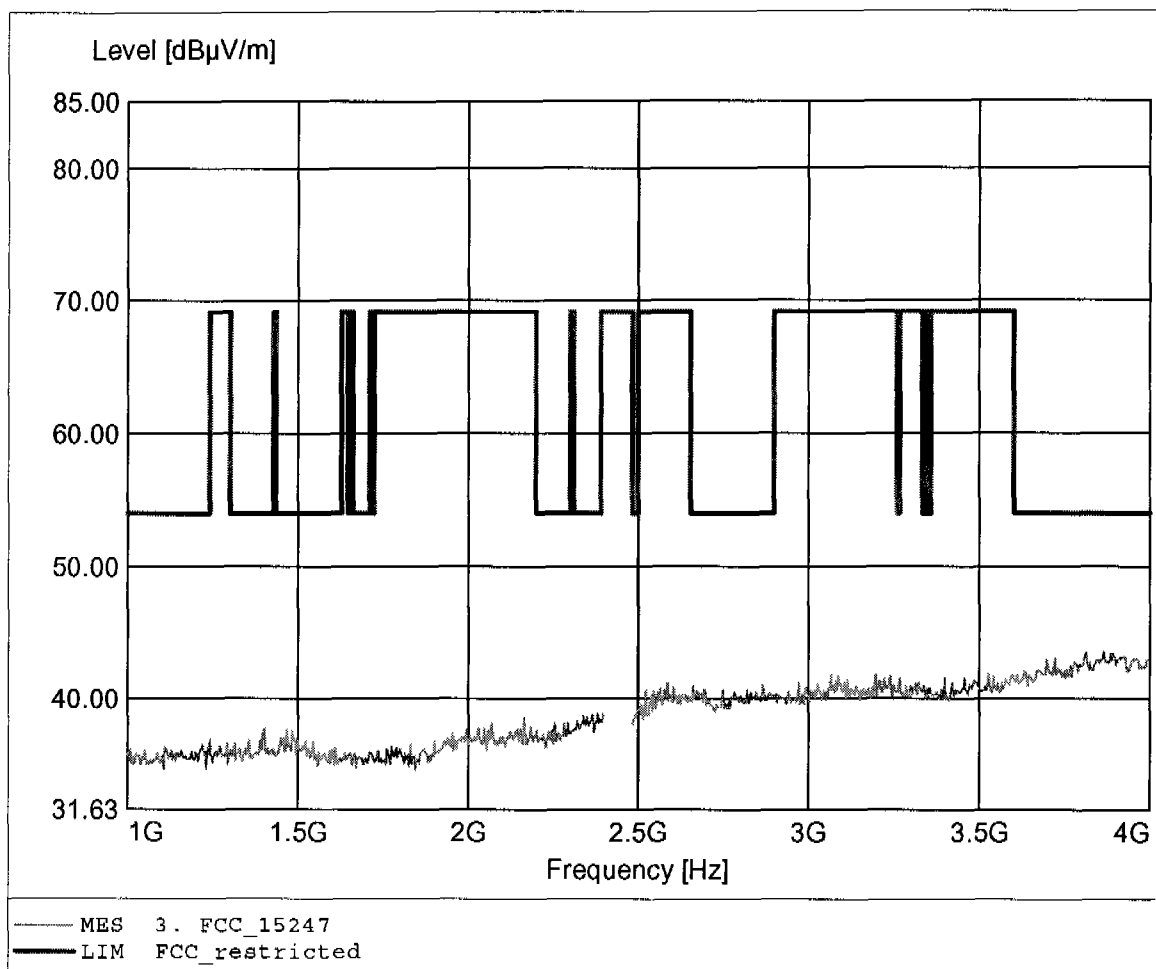
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.960GHz, Emax: 43.64dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

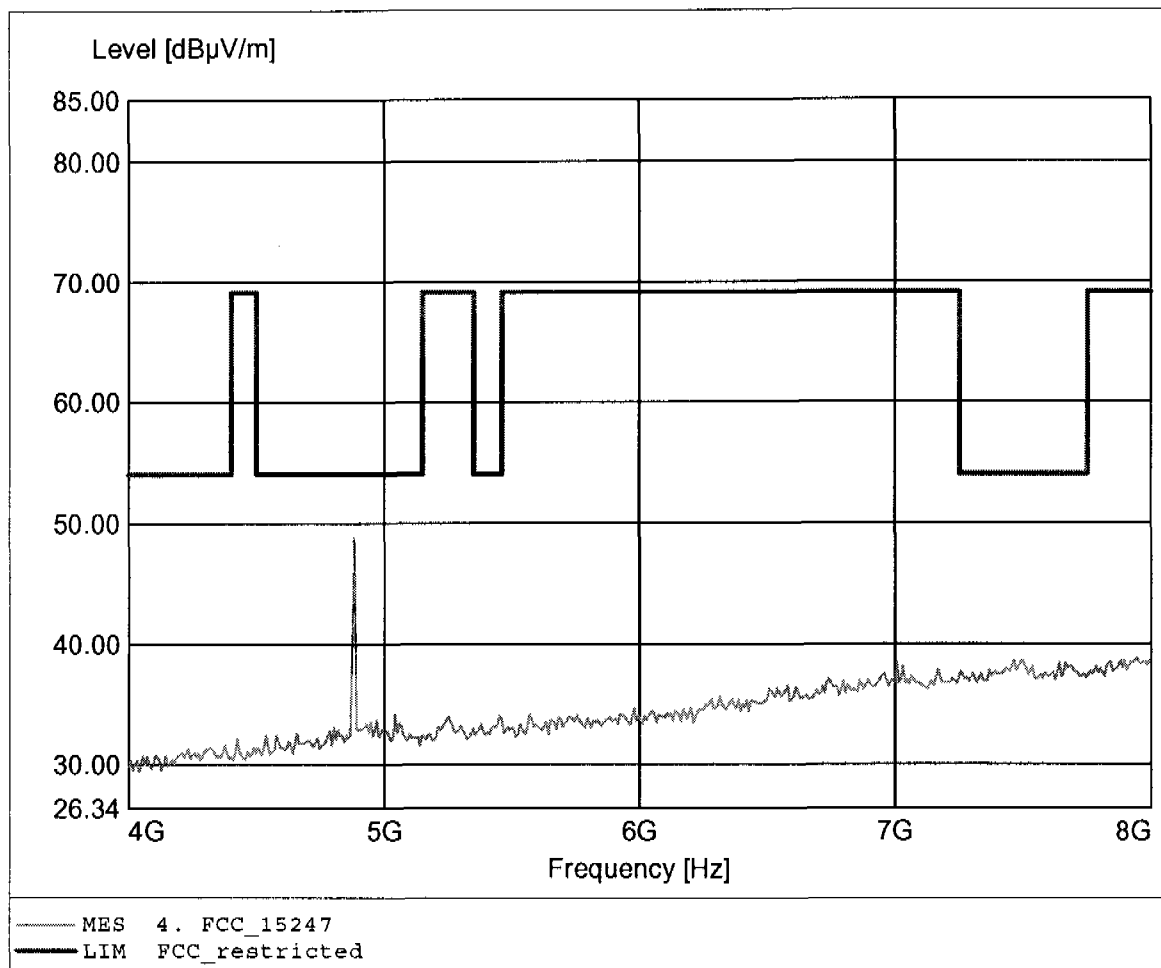
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.863GHz, Emax: 43.61dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

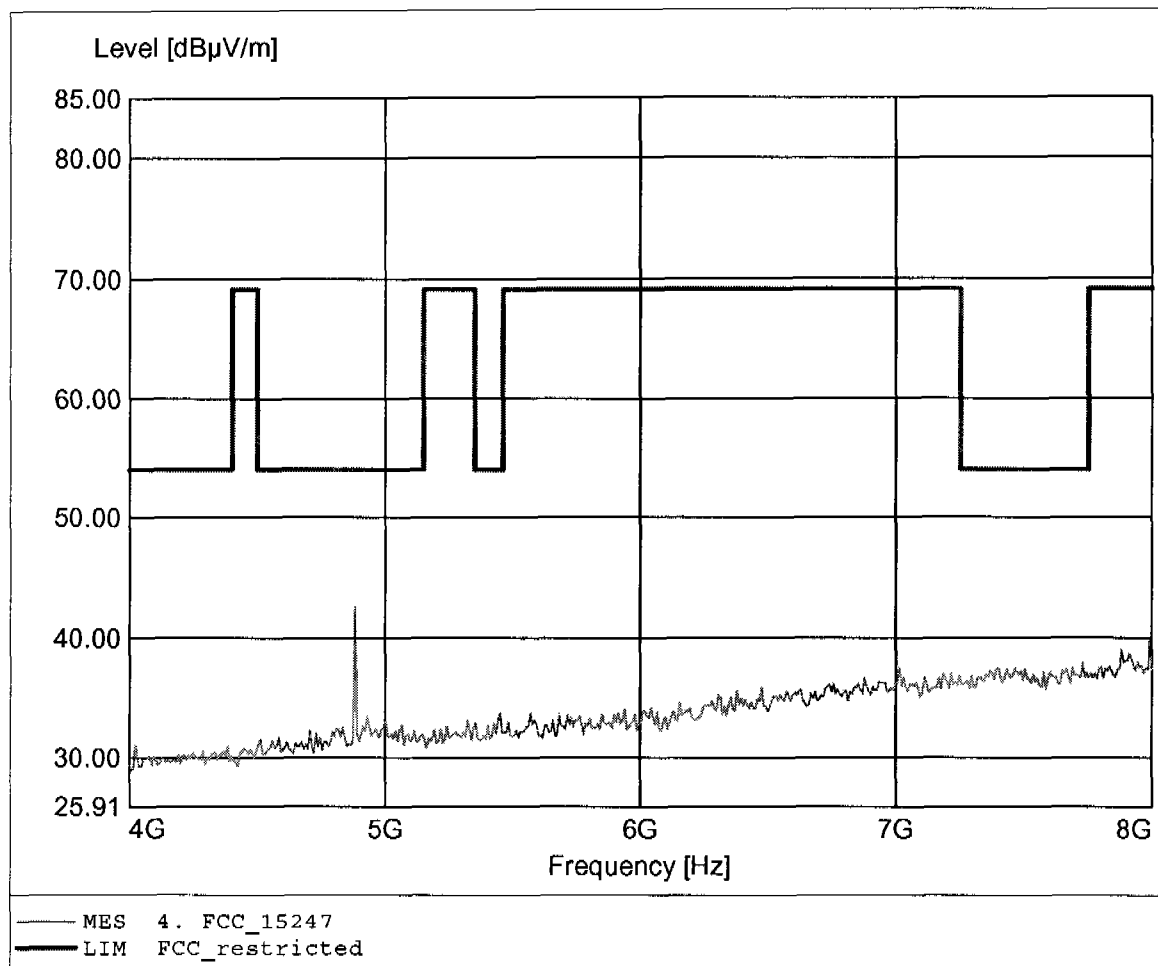
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 48.78dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

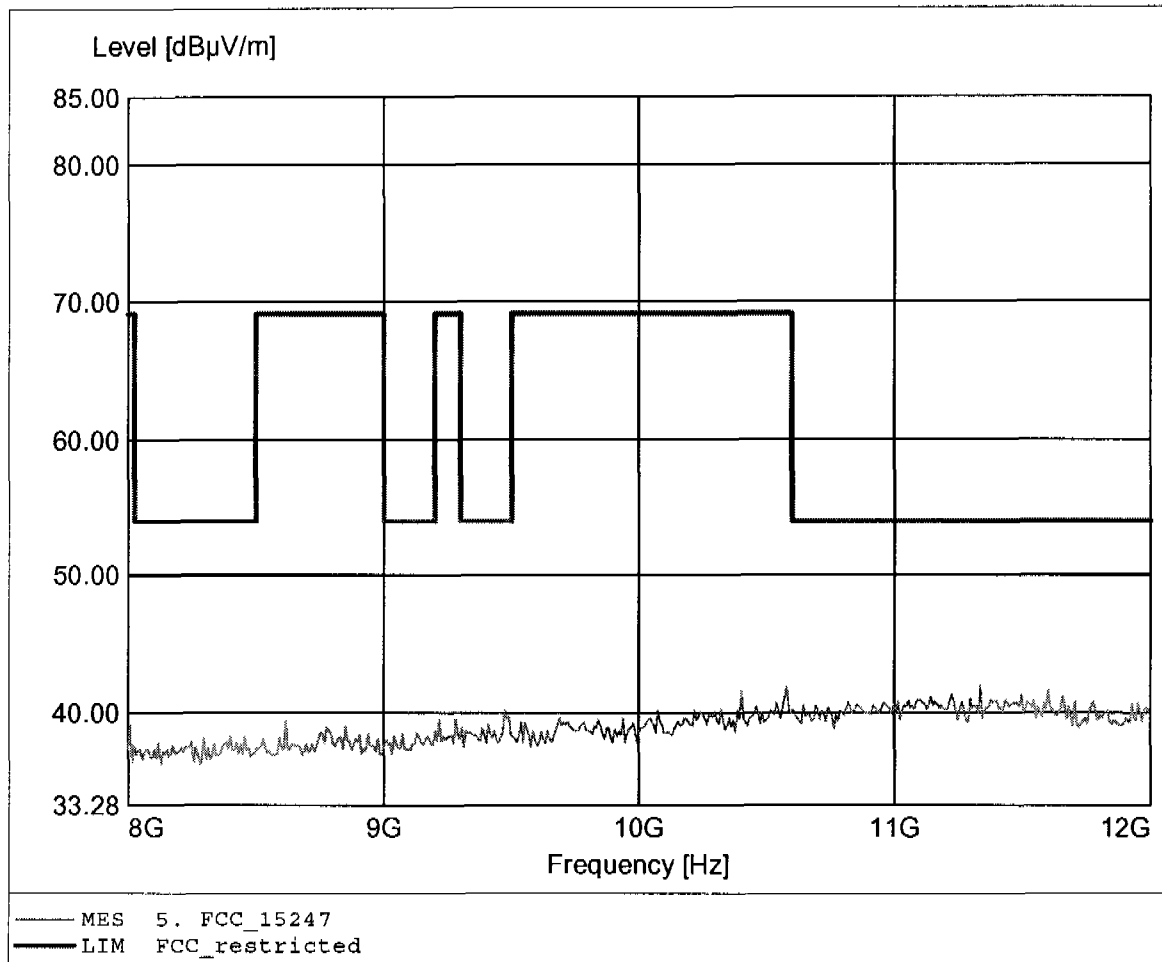
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 42.64dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

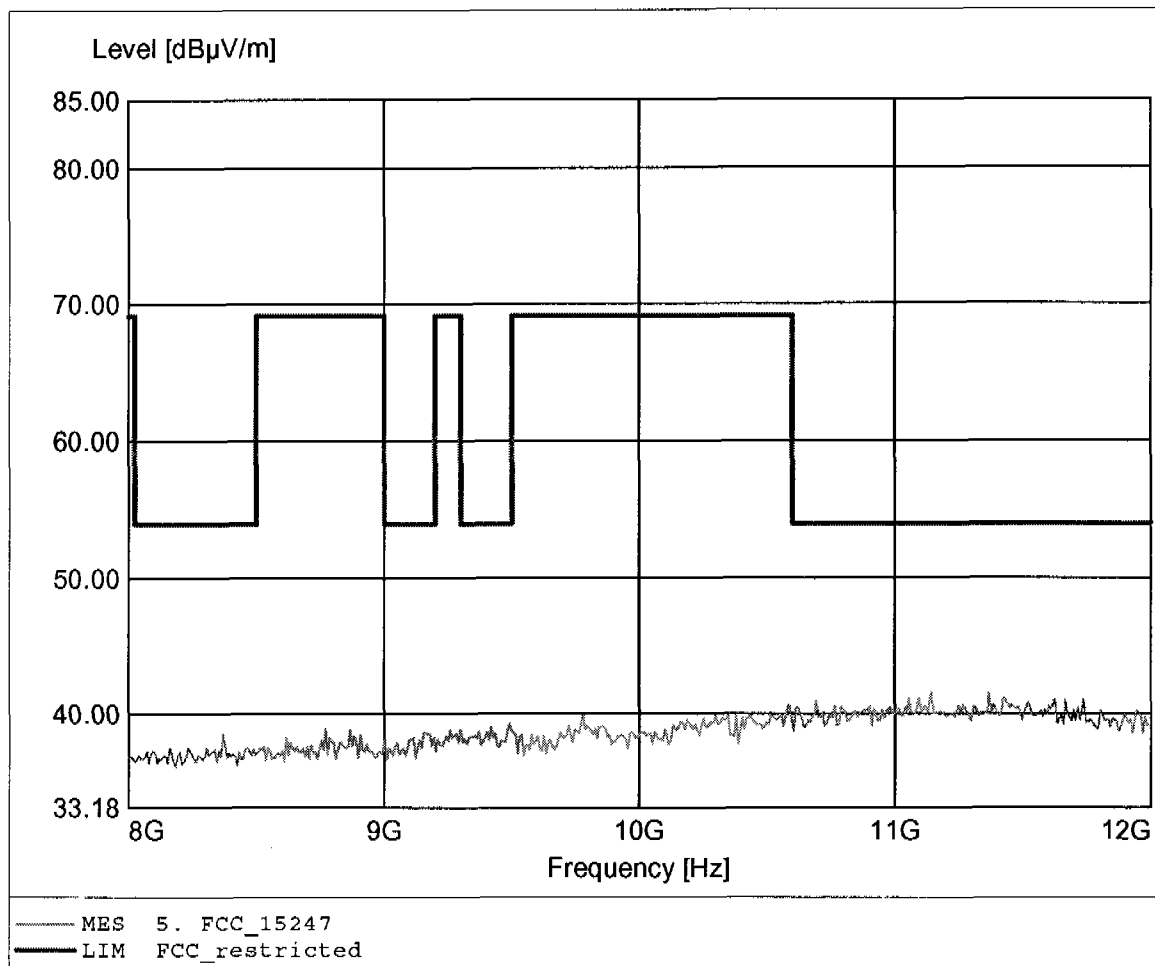
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.335GHz, Emax: 41.91dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

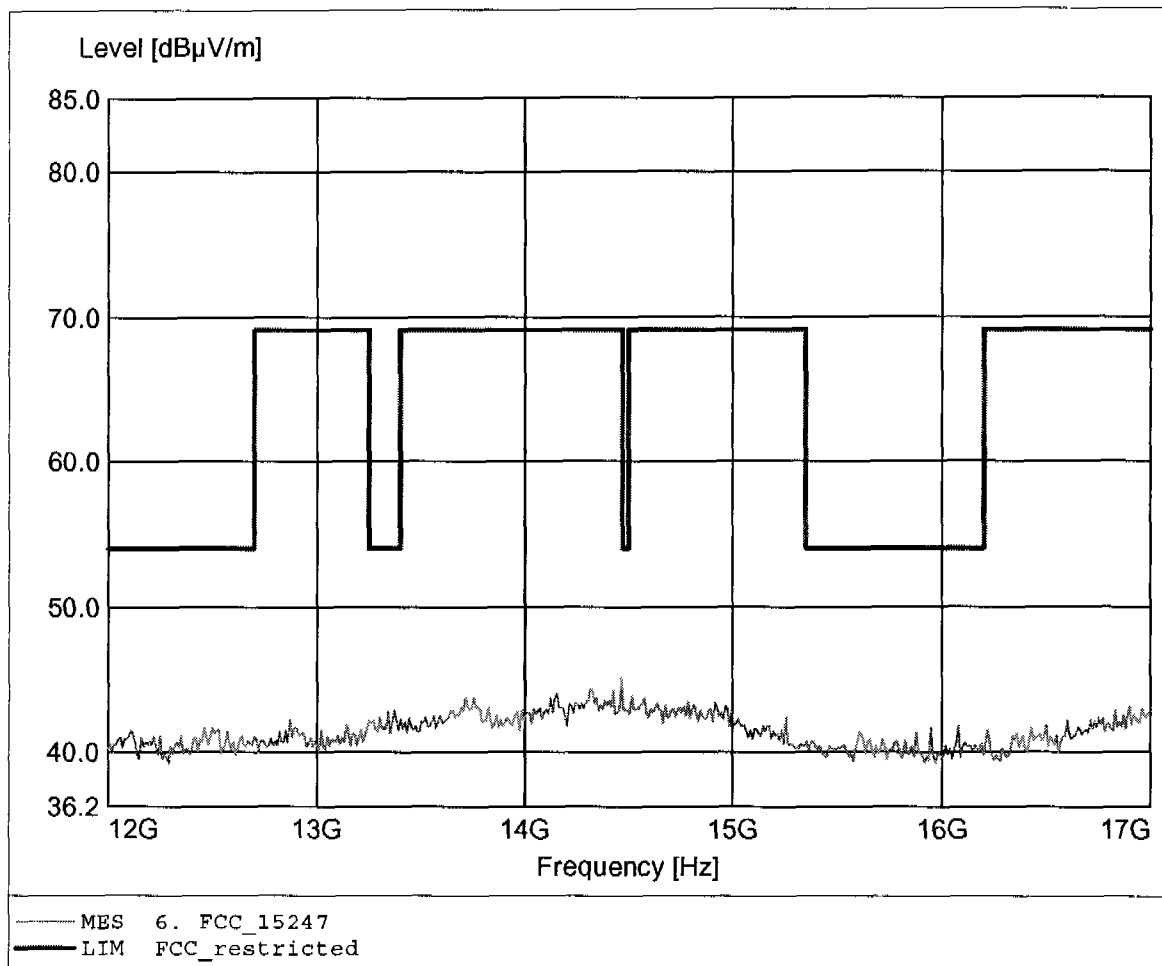
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.142GHz, Emax: 41.54dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

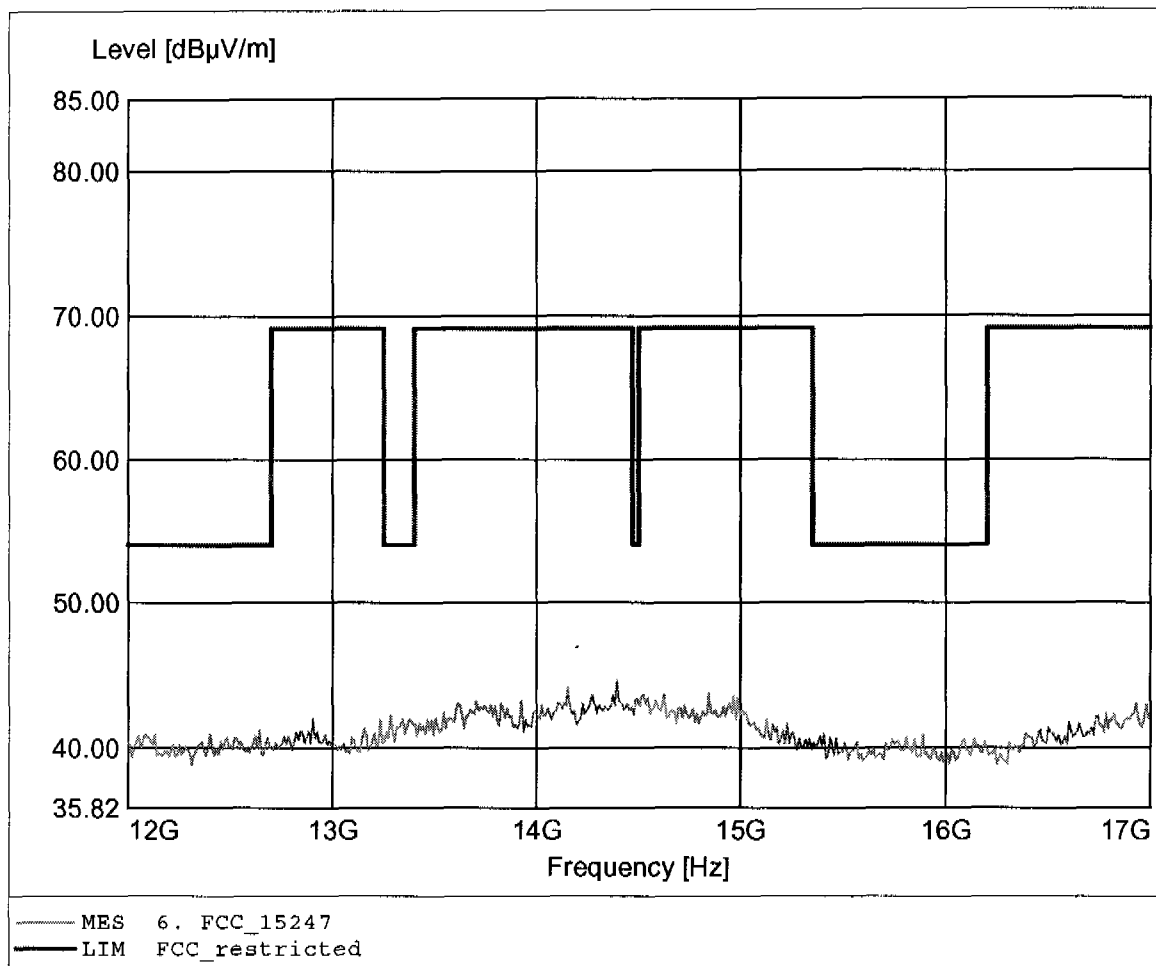
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.465GHz, Emax: 45.10dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

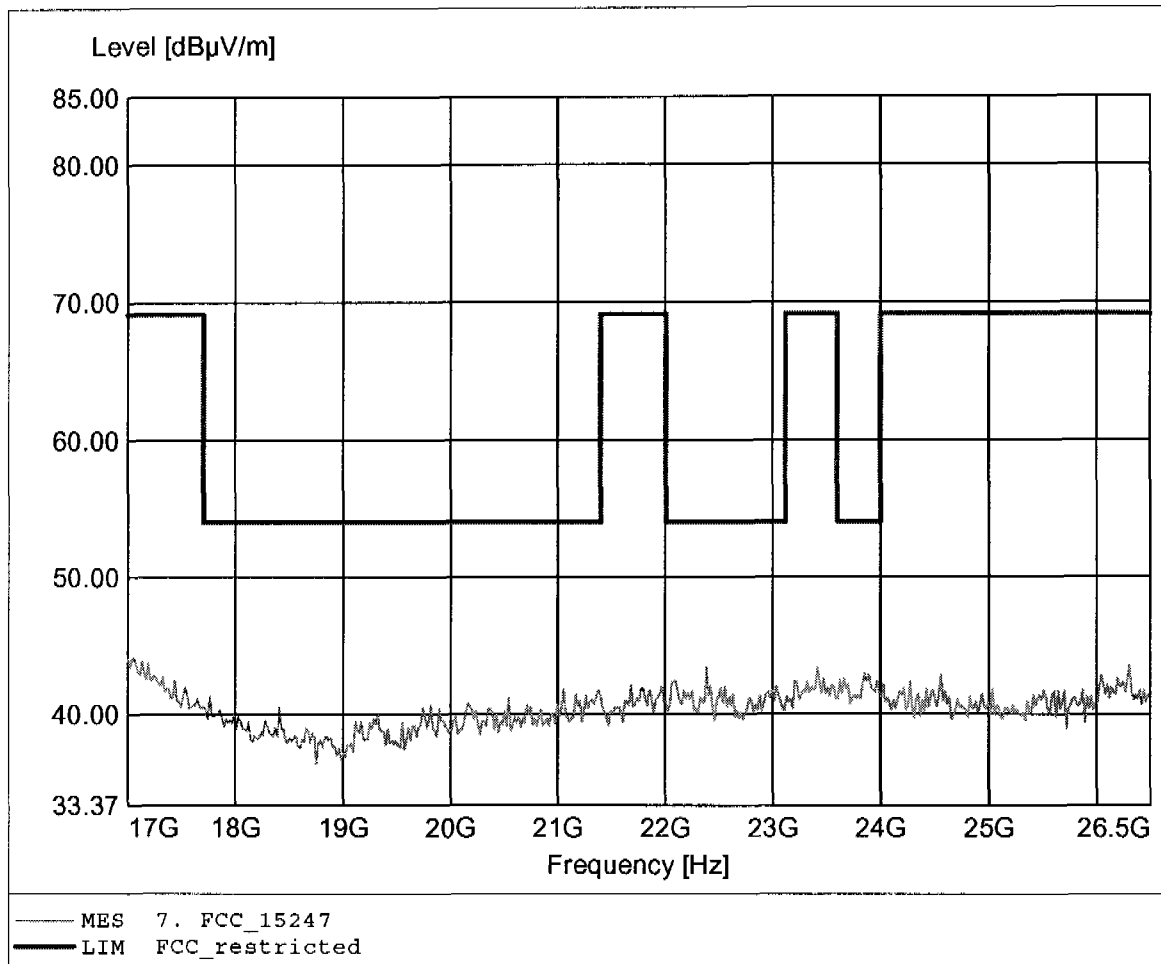
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.395GHz, Emax: 44.64dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

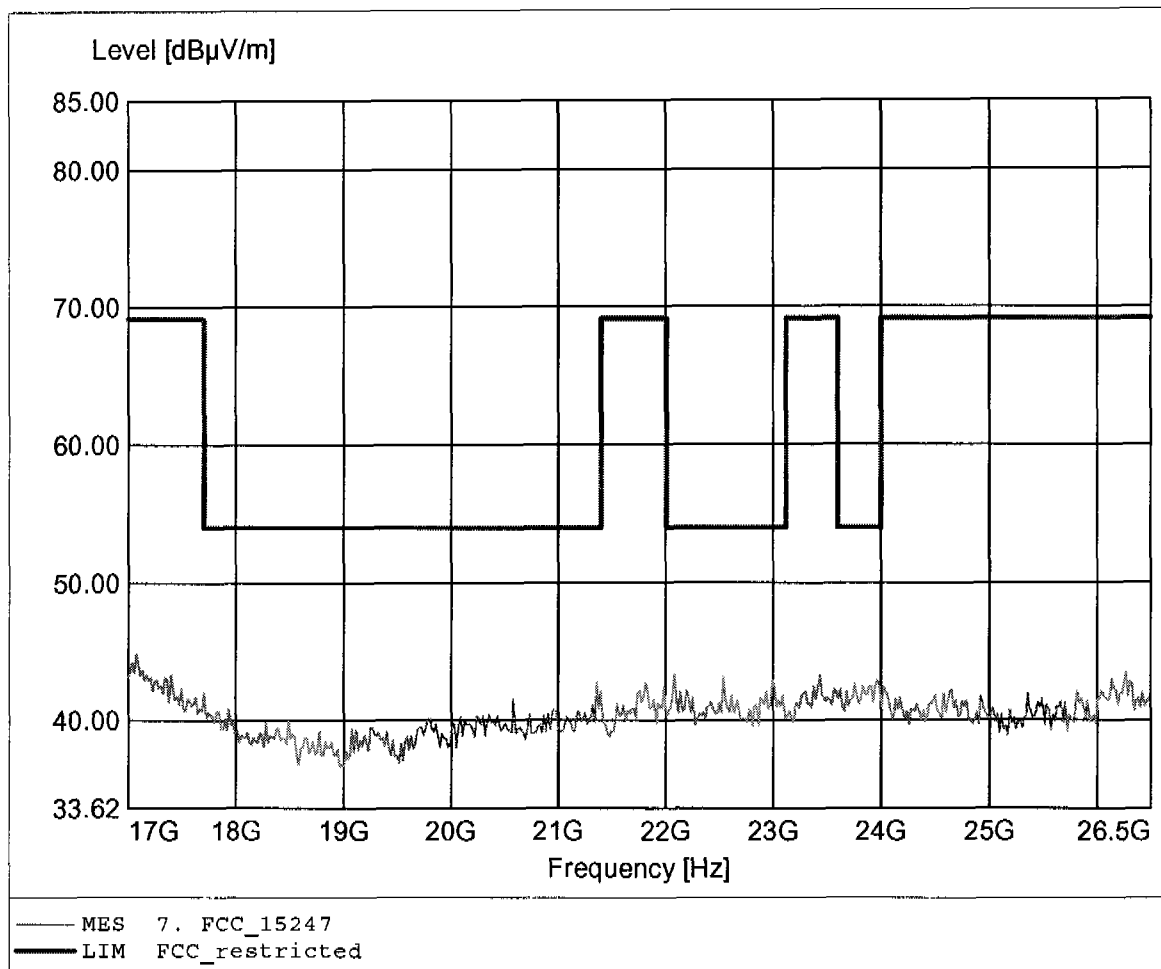
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.057GHz, Emax: 44.06dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

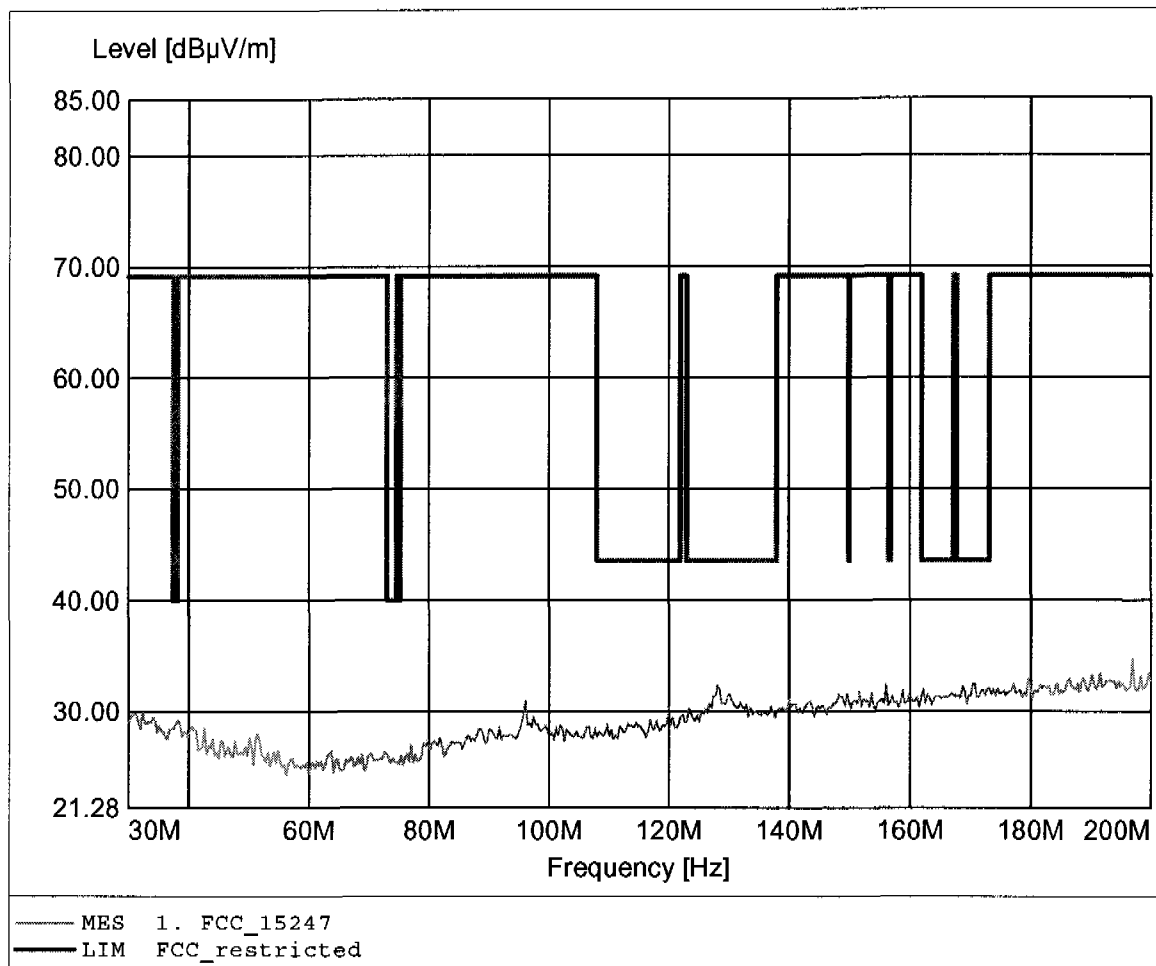
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2441 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.076GHz, Emax: 44.83dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

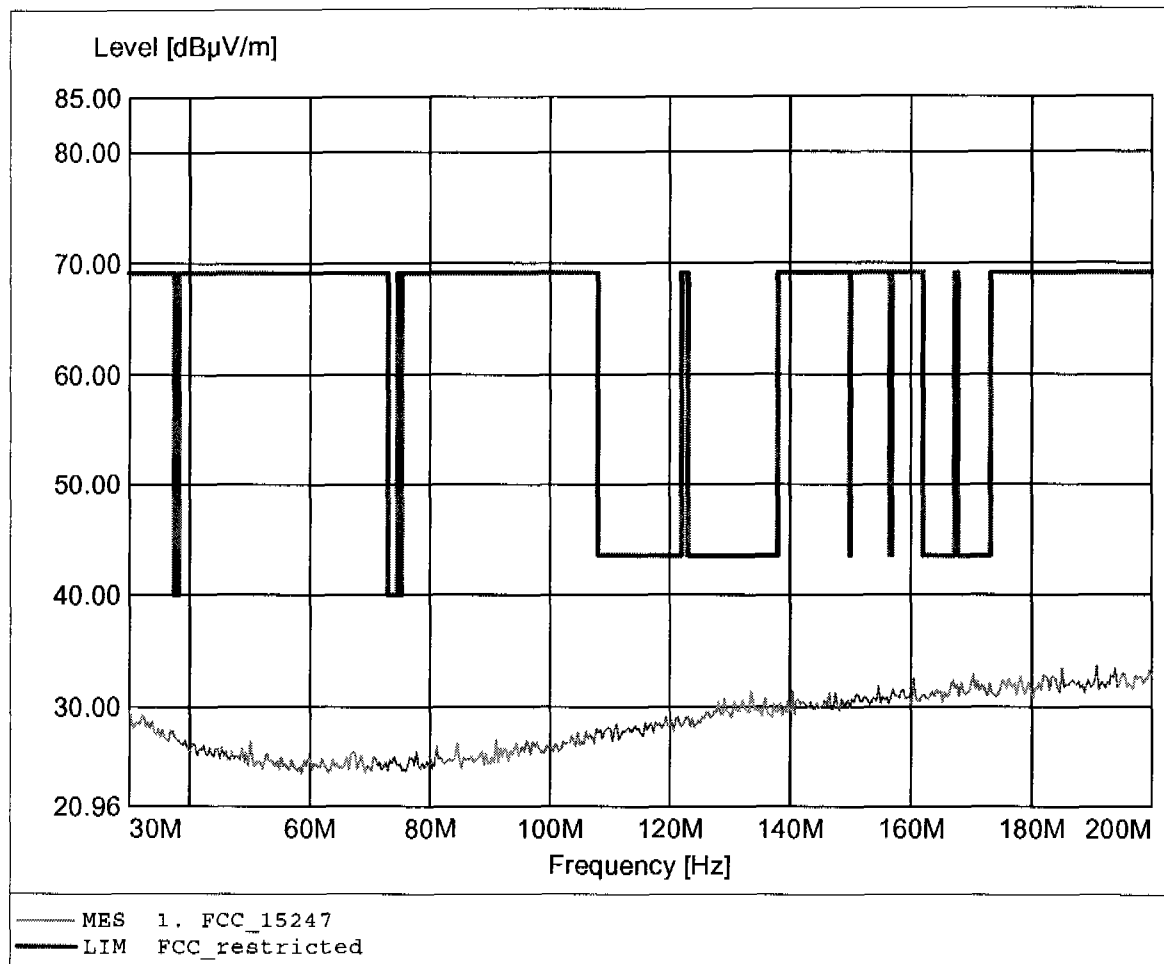
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.934MHz, Emax: 34.73dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

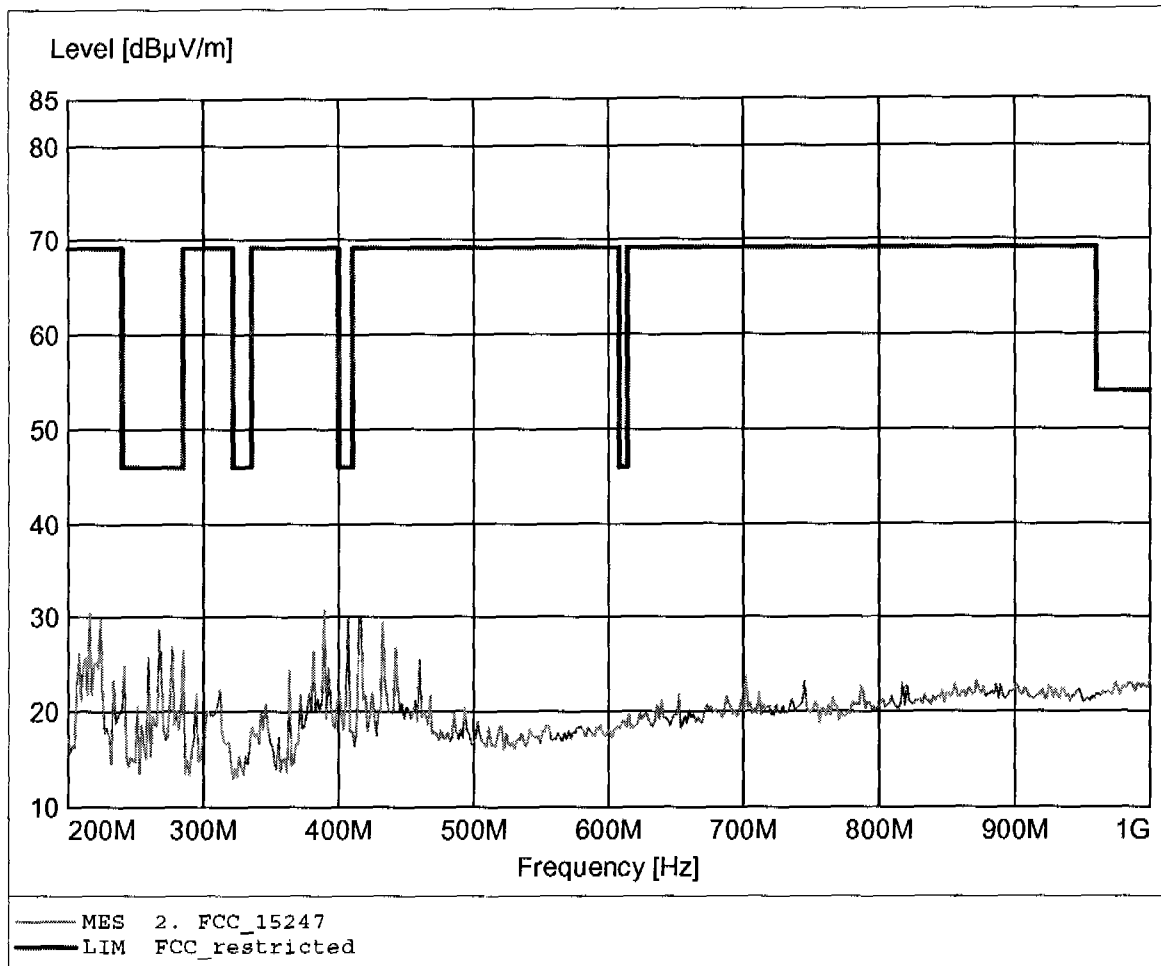
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 190.802MHz, Emax: 33.72dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

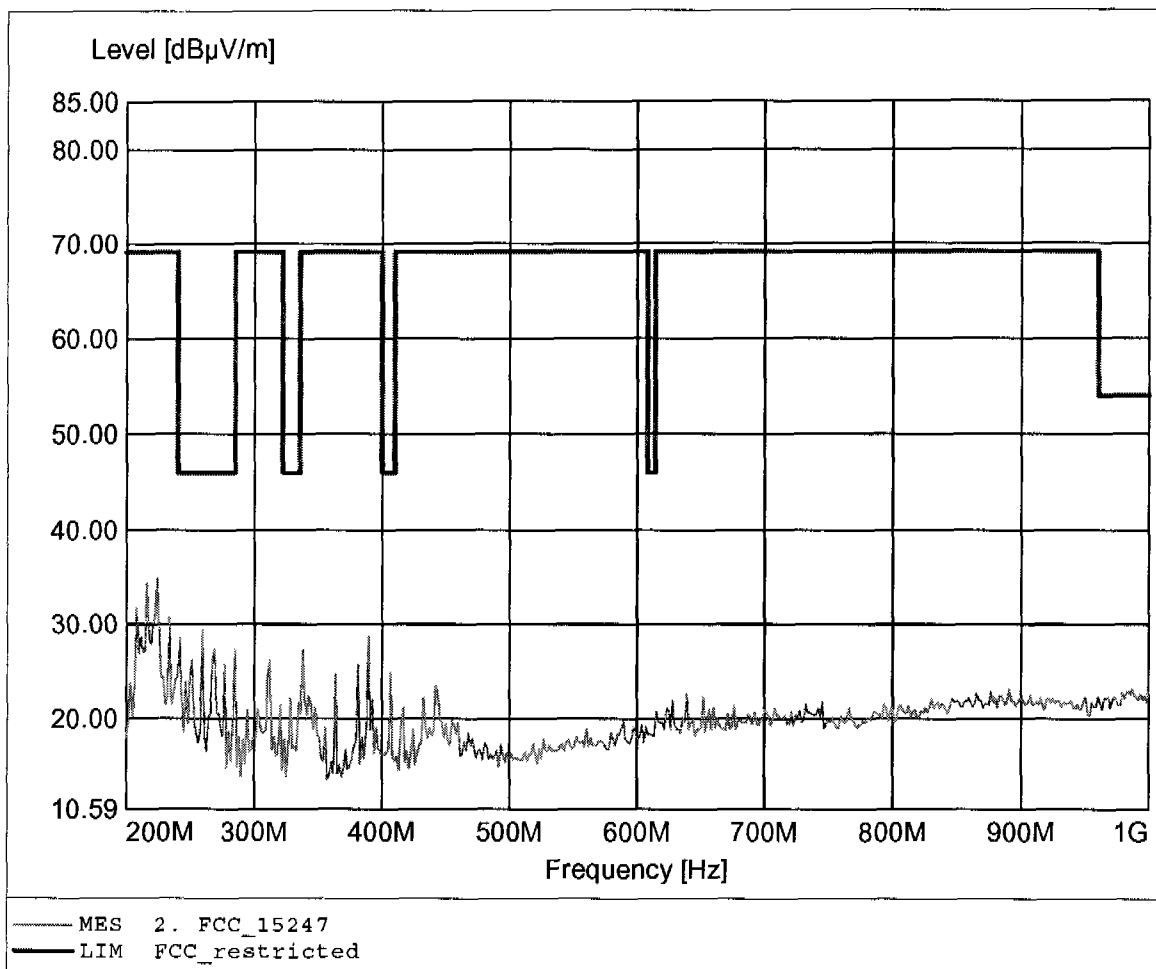
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 389.178MHz, Emax: 30.75dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

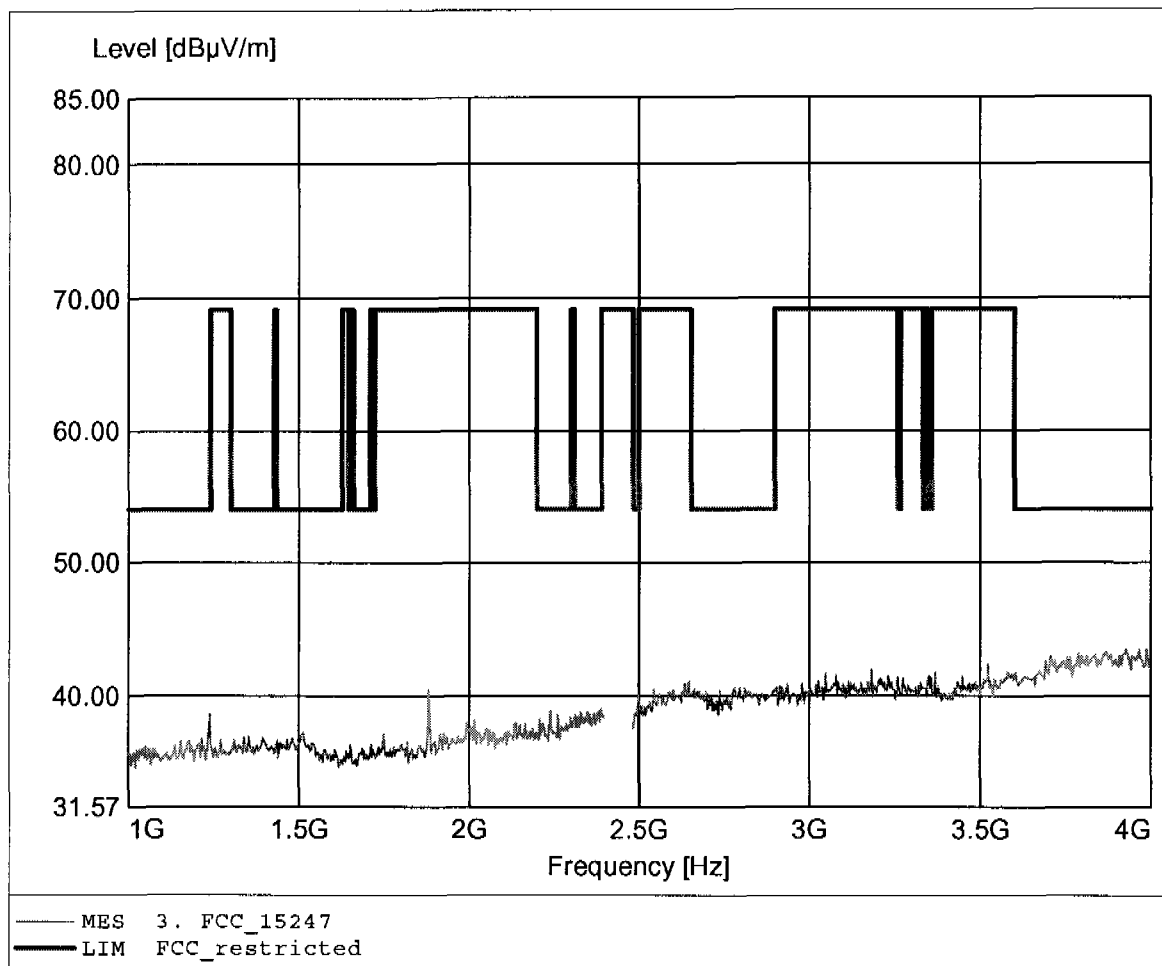
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 224.048MHz, Emax: 34.86dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

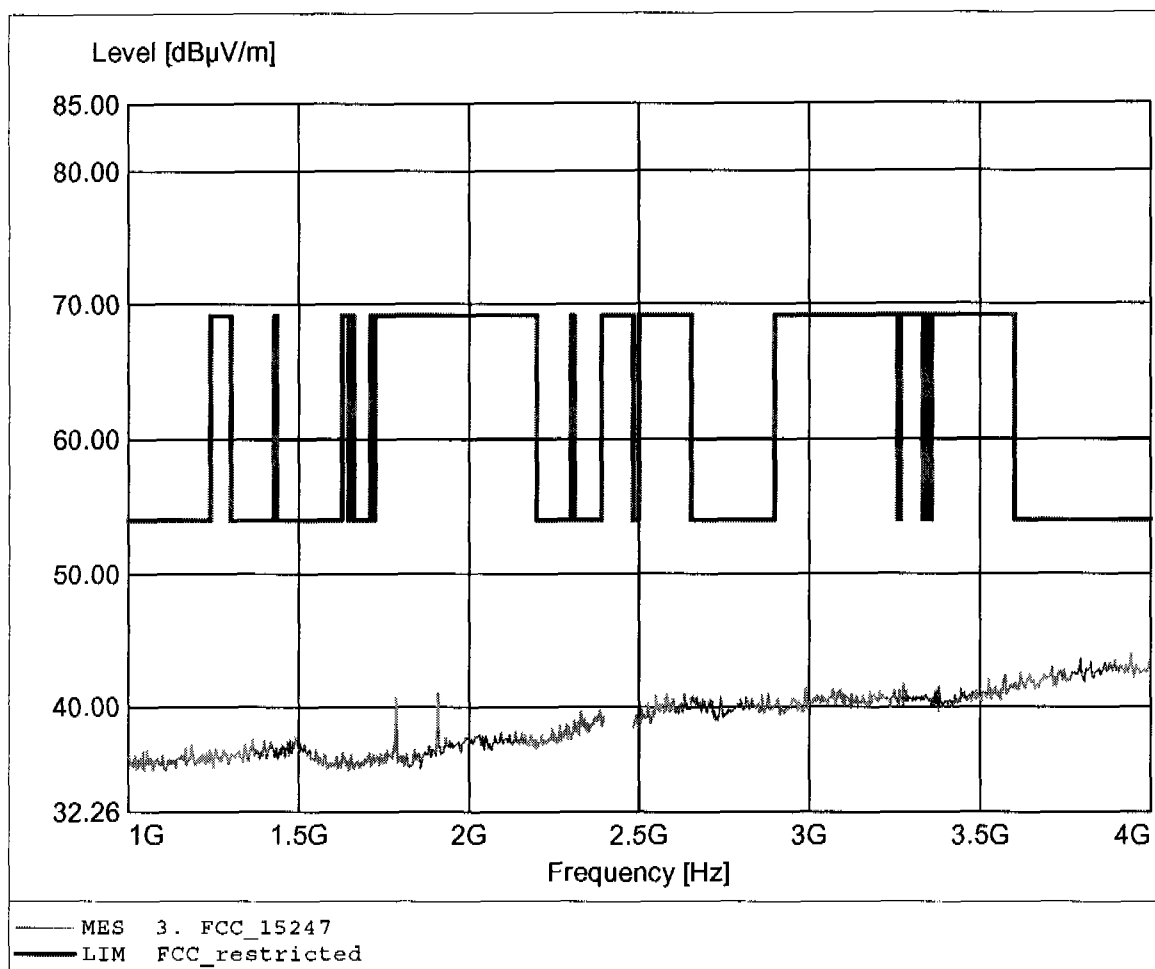
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.988GHz, Emax: 43.52dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

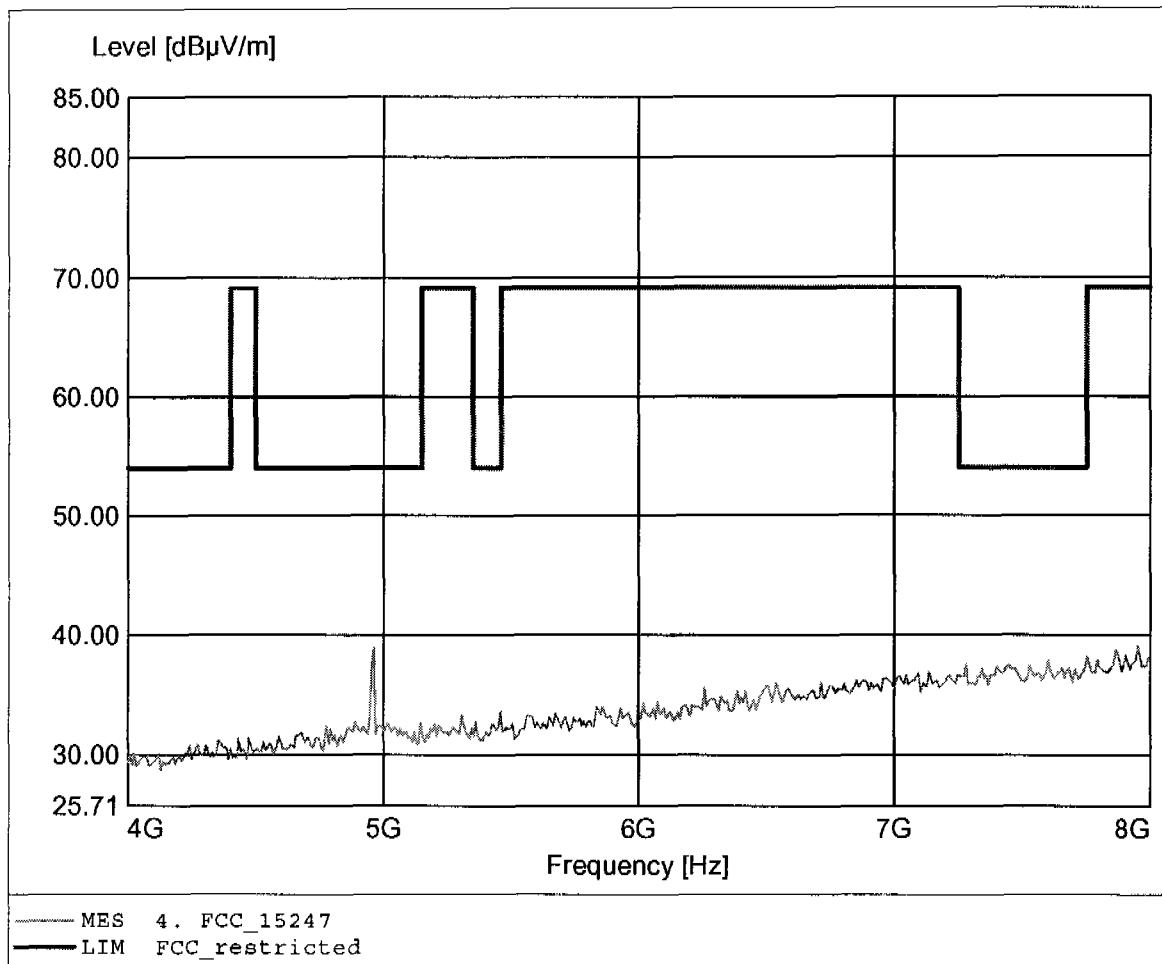
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.942GHz, Emax: 43.95dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

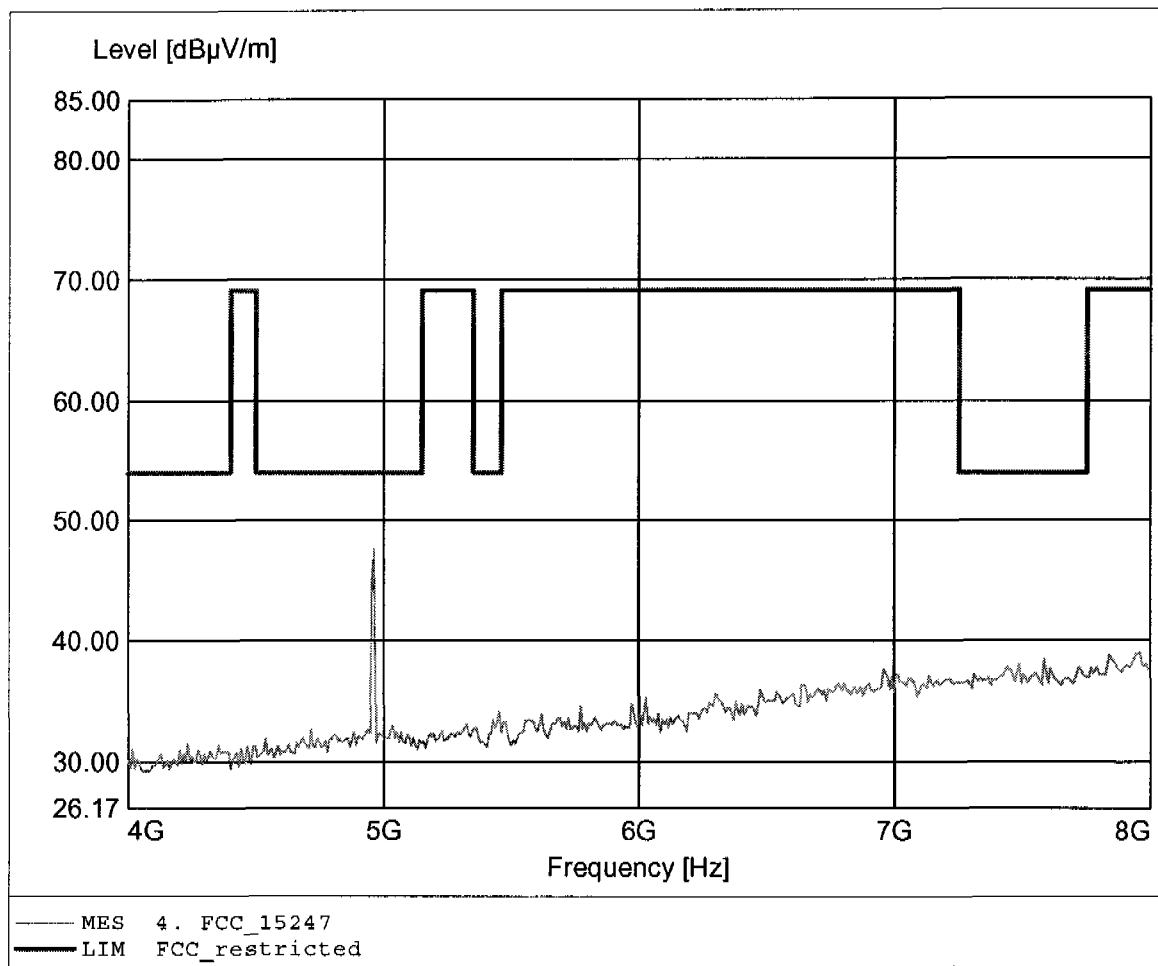
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.952GHz, Emax: 39.09dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

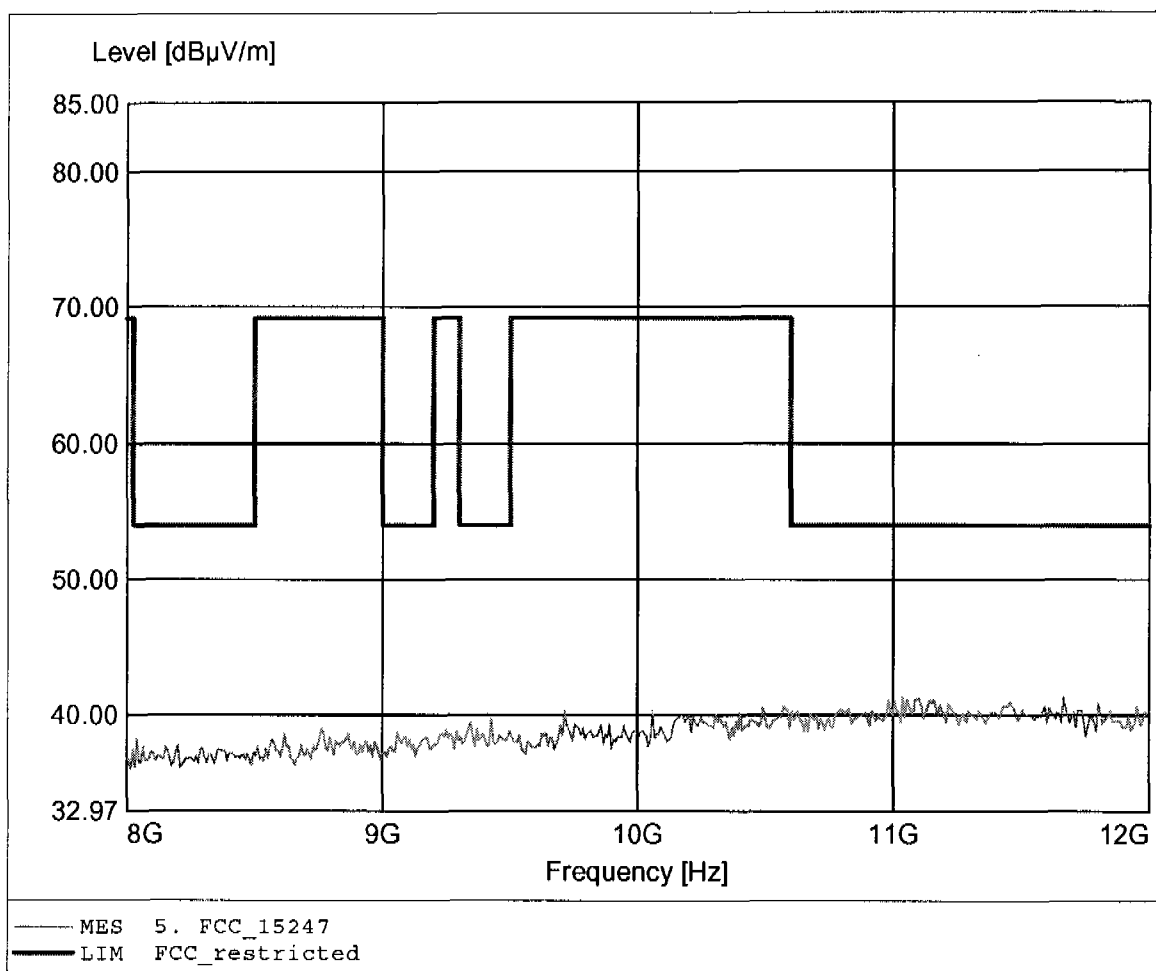
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 47.62dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

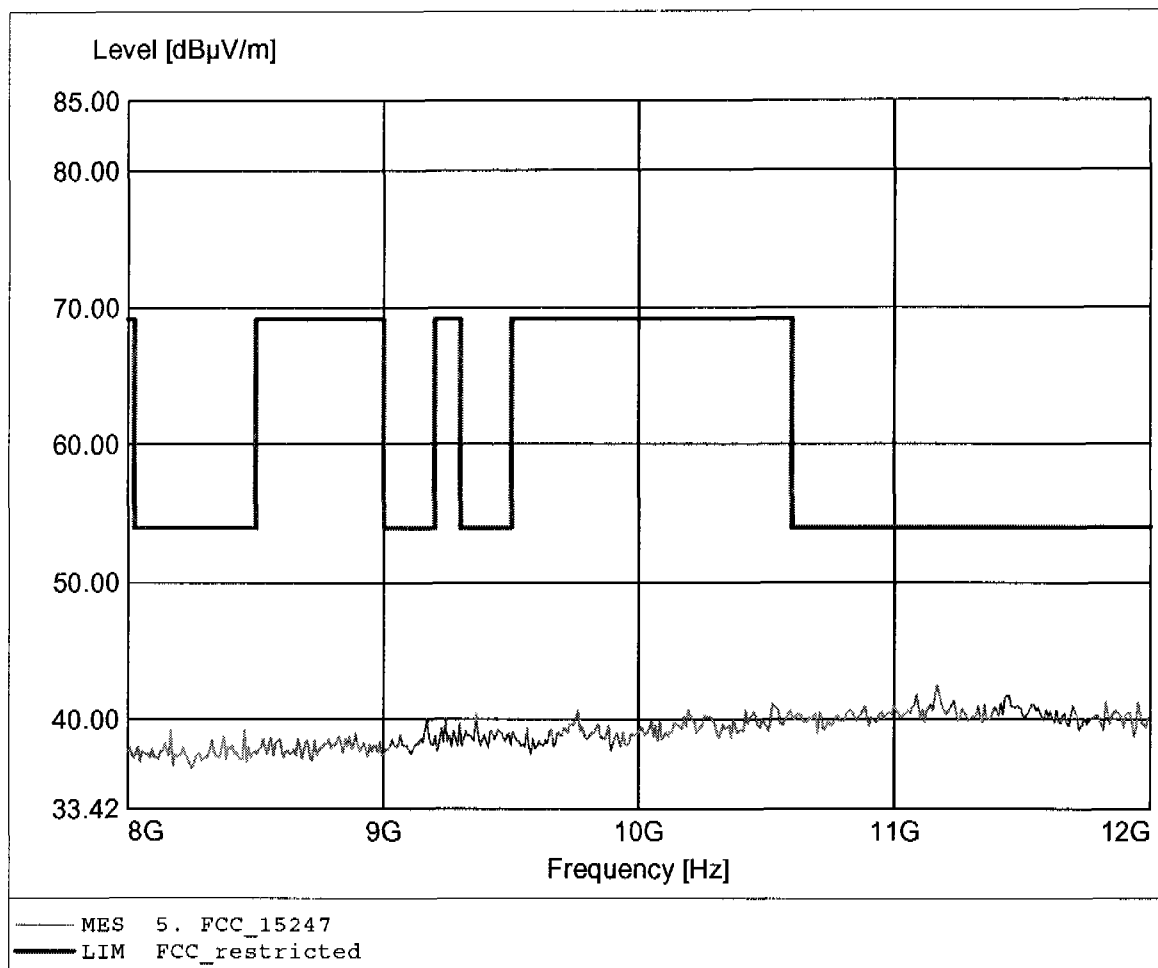
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.038GHz, Emax: 41.34dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

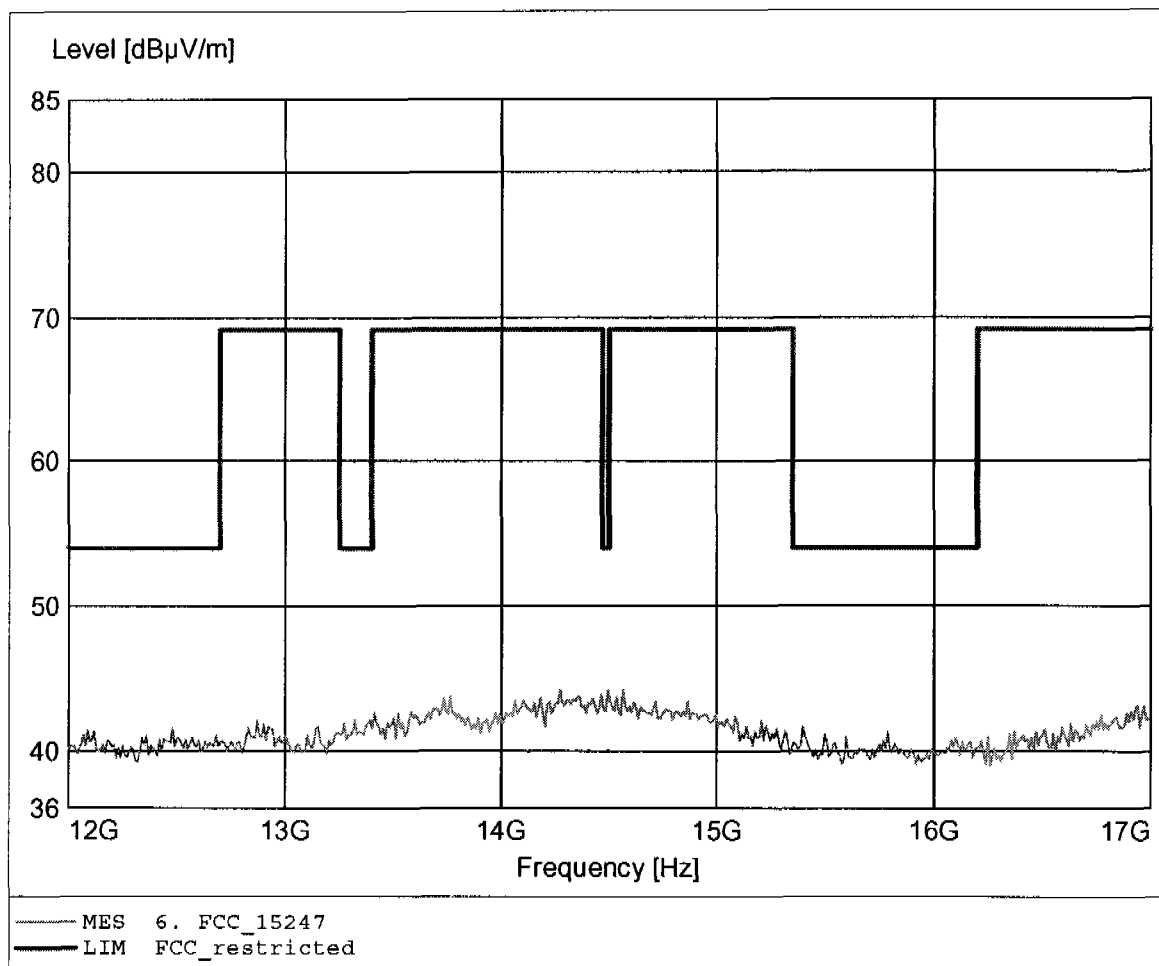
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.166GHz, Emax: 42.50dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

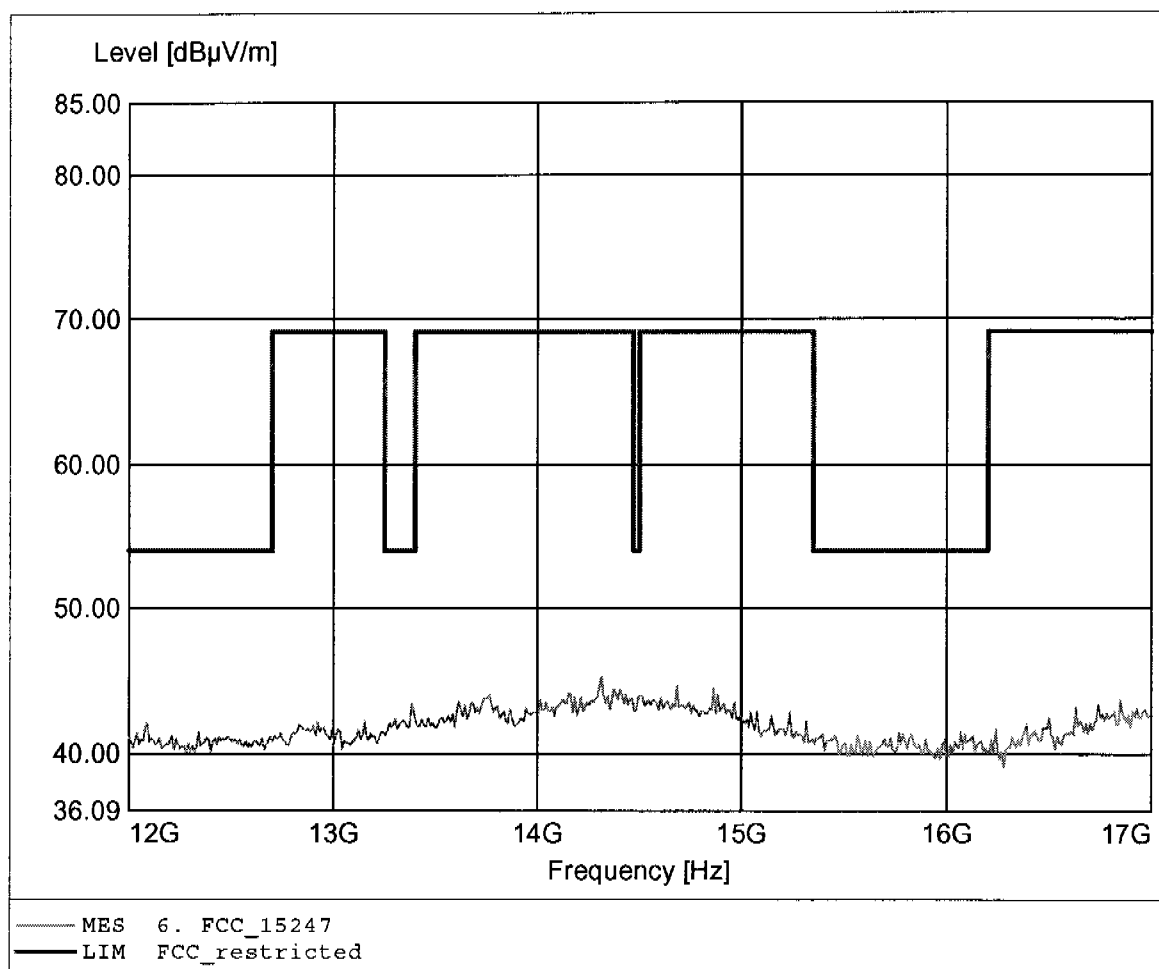
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.565GHz, Emax: 44.21dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

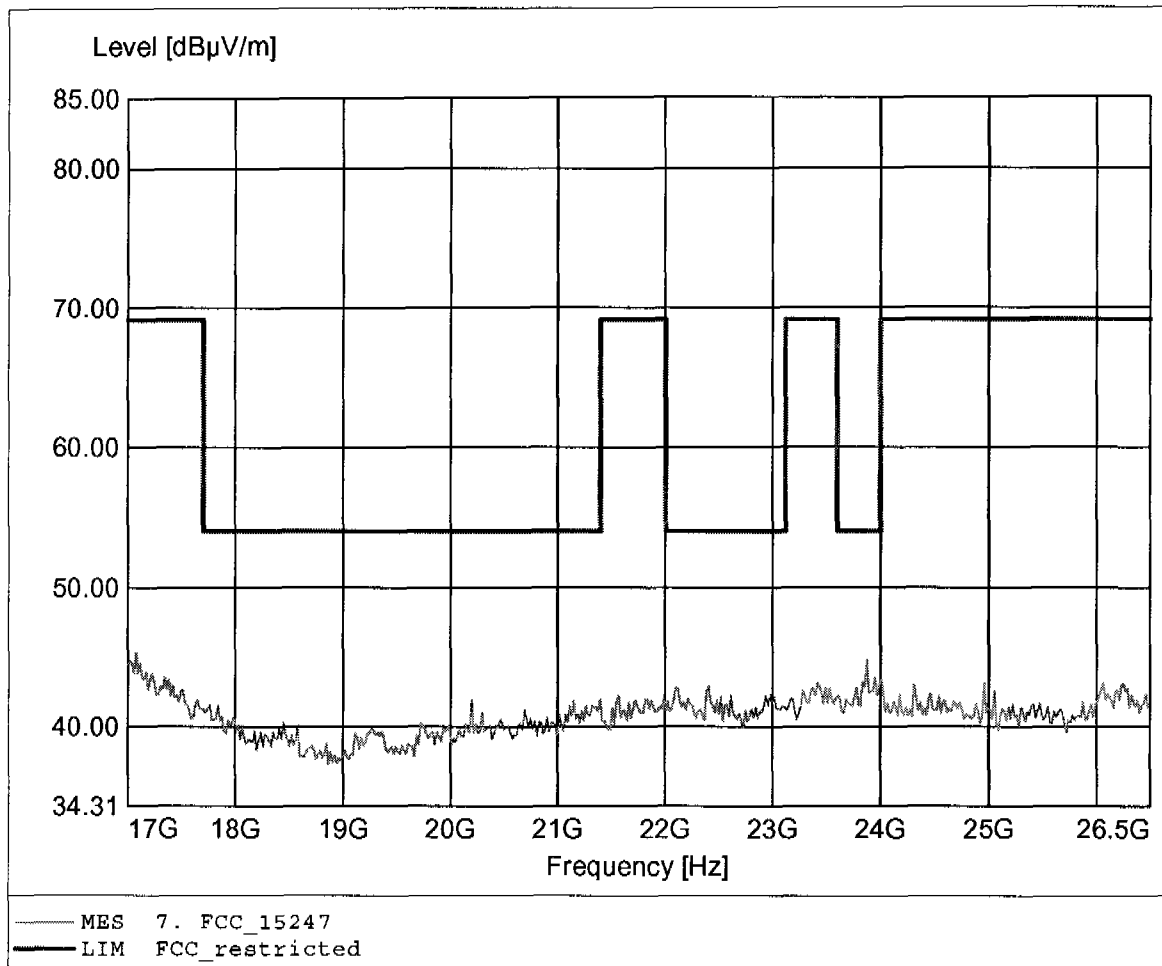
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.315GHz, Emax: 45.23dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

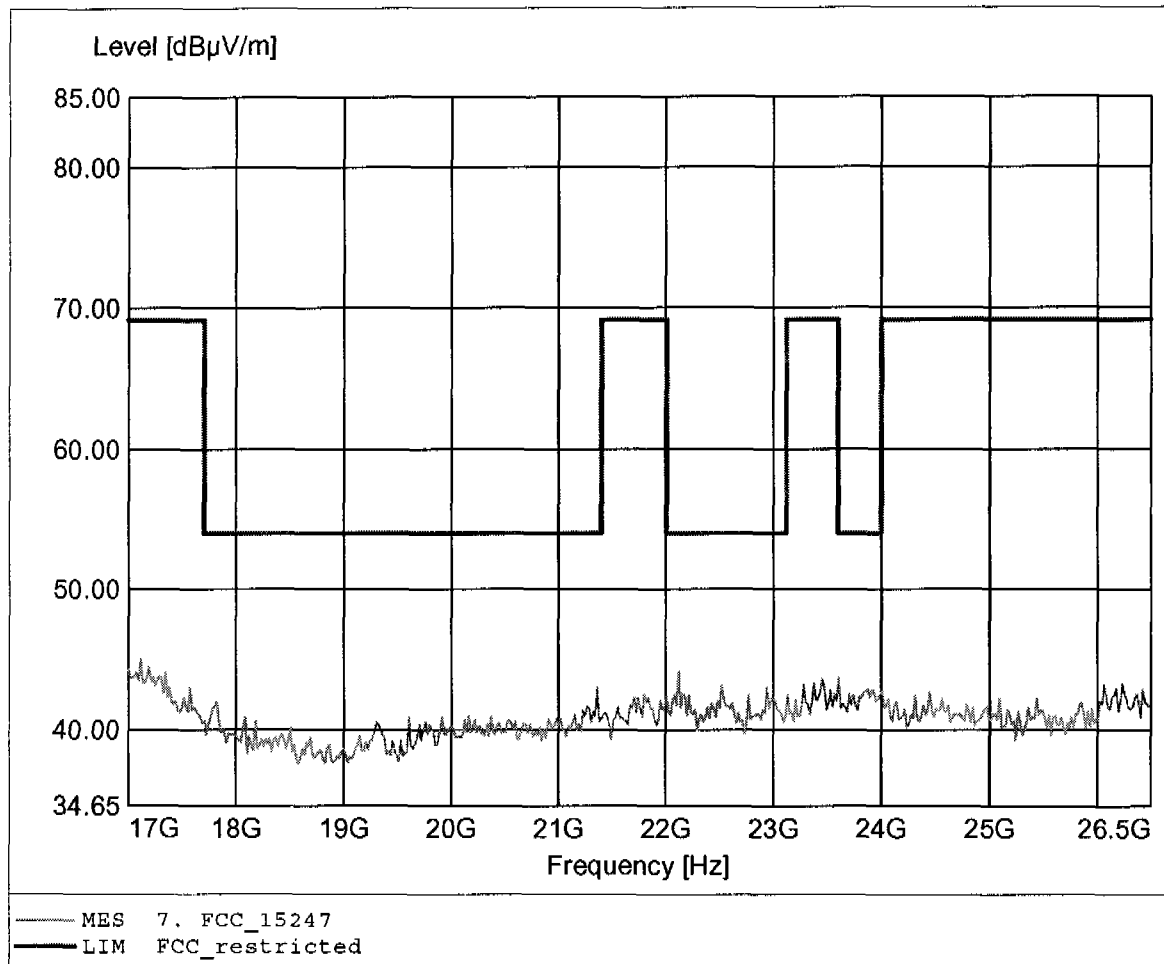
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.076GHz, Emax: 45.32dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution / 2480 MHz
Model: PHD1000
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 12.0 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.114GHz, Emax: 44.95dBµV/m, RBW: 1MHz



Appendix D

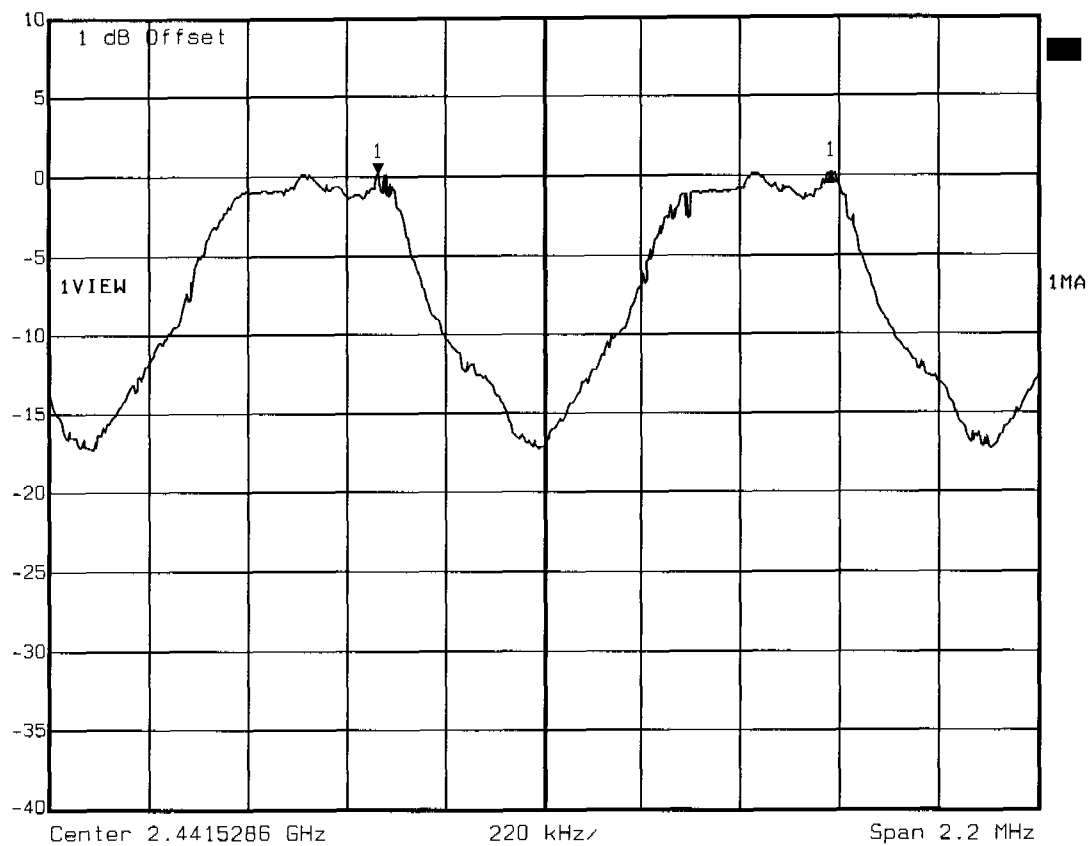
Spurious Emissions conducted - Transmitter operating

Appendix E

Carrier Frequency Separation



Delta 1 [T1] RBW 100 kHz RF Att 30 dB
Ref Lvl 0.00 dB VBW 100 kHz
10 dBm 1.00961924 MHz SWT 5 ms Unit dBm



Title: Carrier Frequency Separation
Comment A: PHD1000
Date: 05.AUG.2005 13:43:44

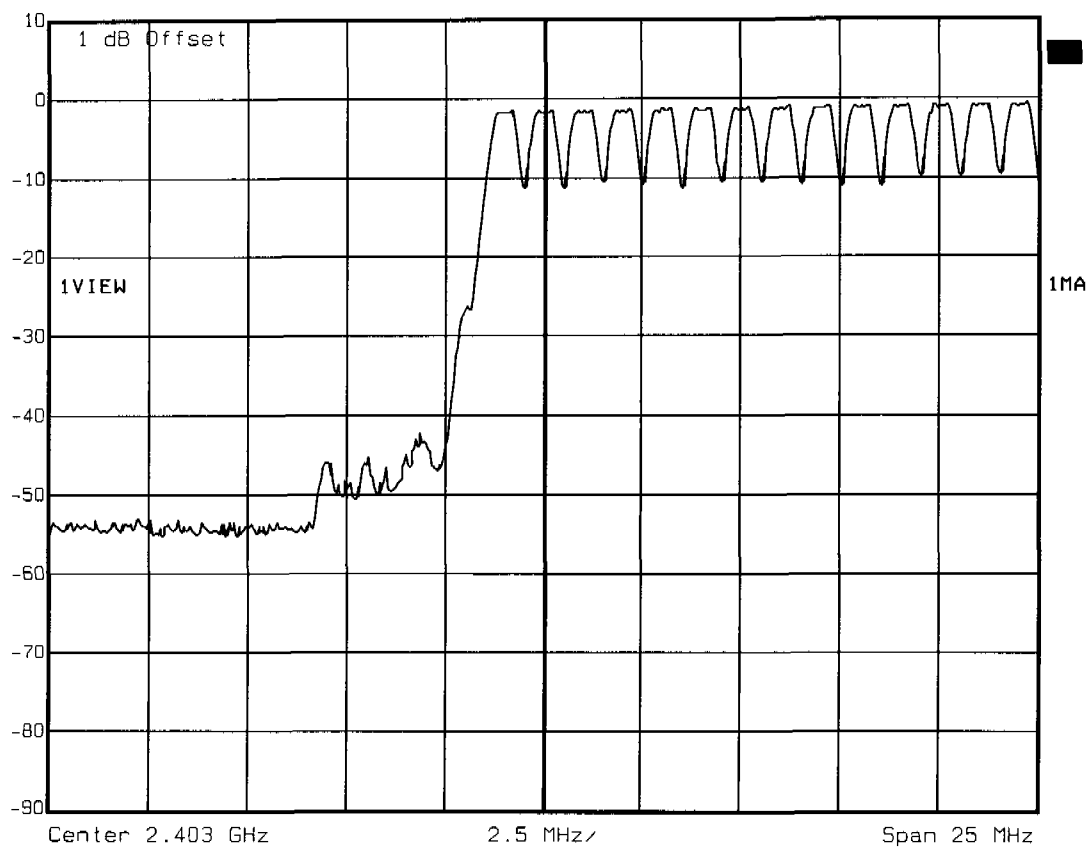
Appendix F

Number of Hopping Frequencies



Ref Lvl
10 dBm

RBW 300 kHz RF Att 30 dB
VBW 300 kHz
SWT 5 ms Unit dBm

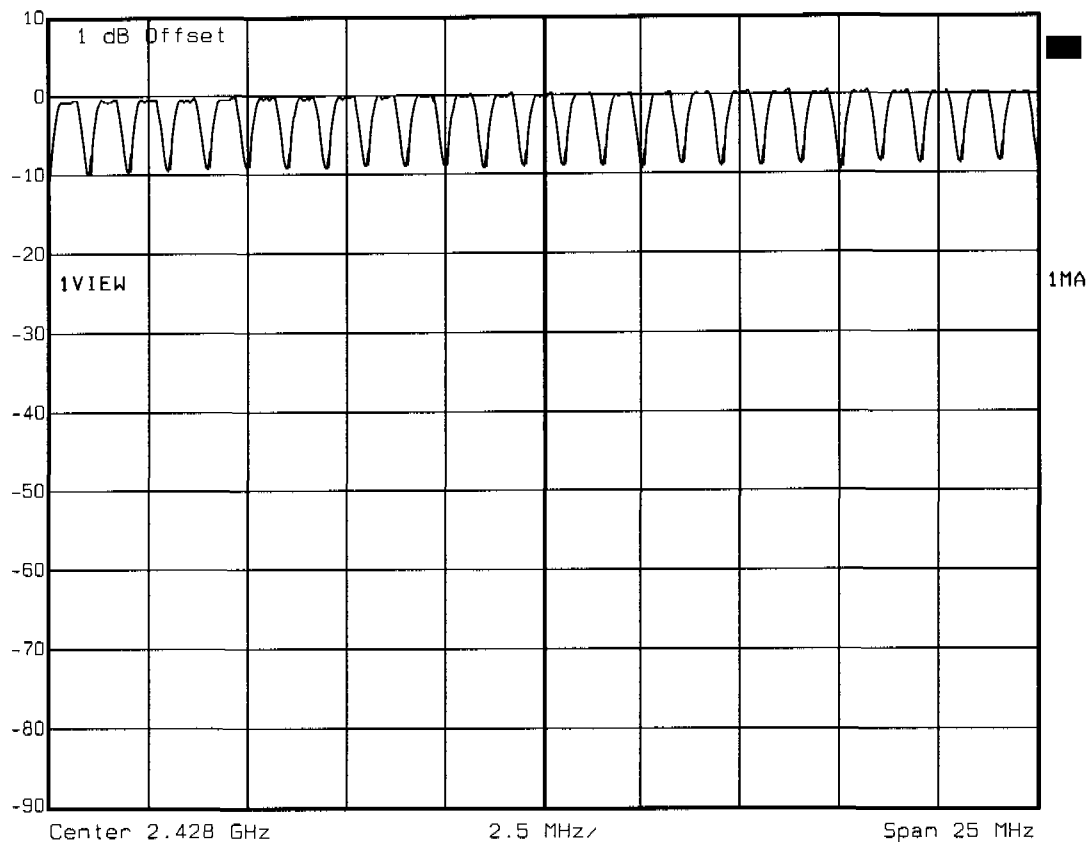


Title: Number of Hopping Frequencies Ch.: 0-13
Comment A: PHD1000
Date: 05.AUG.2005 13:49:56



Ref Lvl
10 dBm

RBW 300 kHz RF Att 30 dB
VBW 300 kHz
SWT 5 ms Unit dBm

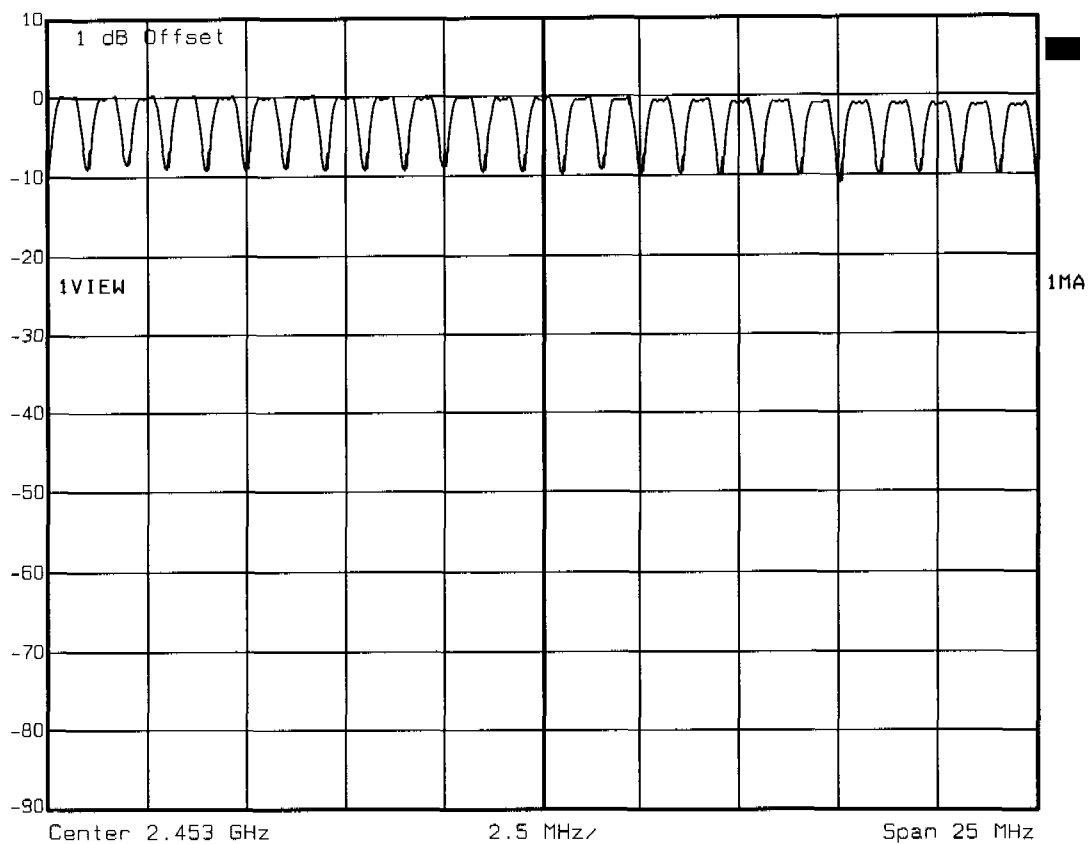


Title: Number of Hopping Frequencies Ch.: 14-38
Comment A: PHD1000
Date: 05.AUG.2005 13:55:57



Ref Lvl
10 dBm

RBW 300 kHz RF Att 30 dB
VBW 300 kHz
SWT 5 ms Unit dBm

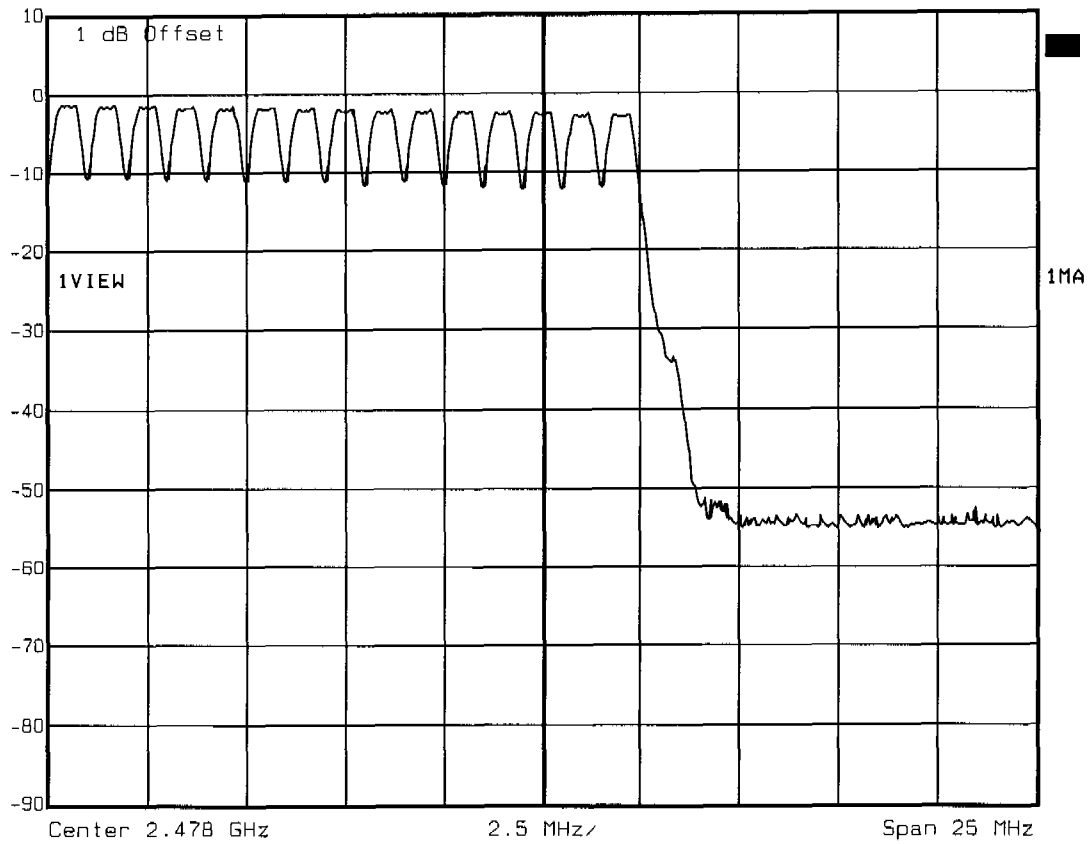


Title: Number of Hopping Frequencies Ch.: 39-63
Comment A: PHD1000
Date: 05.AUG.2005 14:00:35



Ref Lvl
10 dBm

RBW 300 kHz RF Att 30 dB
VBW 300 kHz
SWT 5 ms Unit dBm



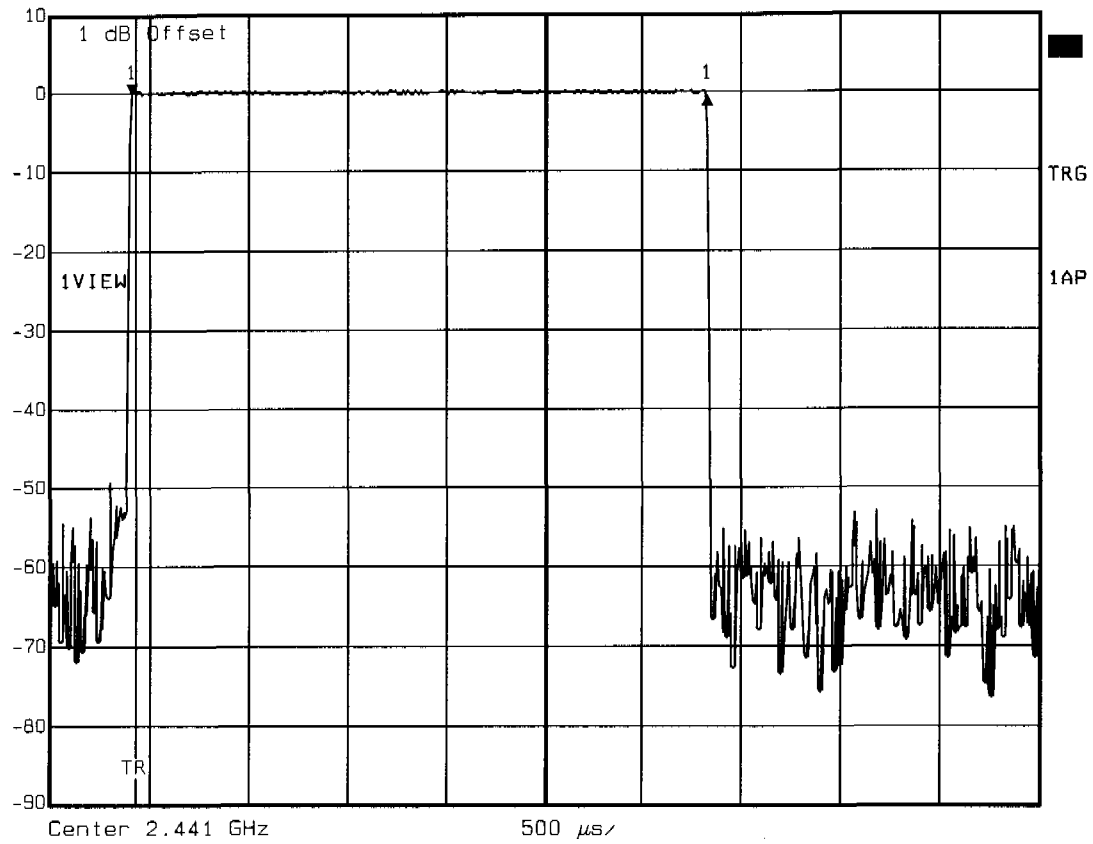
Title: Number of Hopping Frequencies Ch.: 64-78
Comment A: PHD1000
Date: 05.AUG.2005 14:03:57

Appendix G

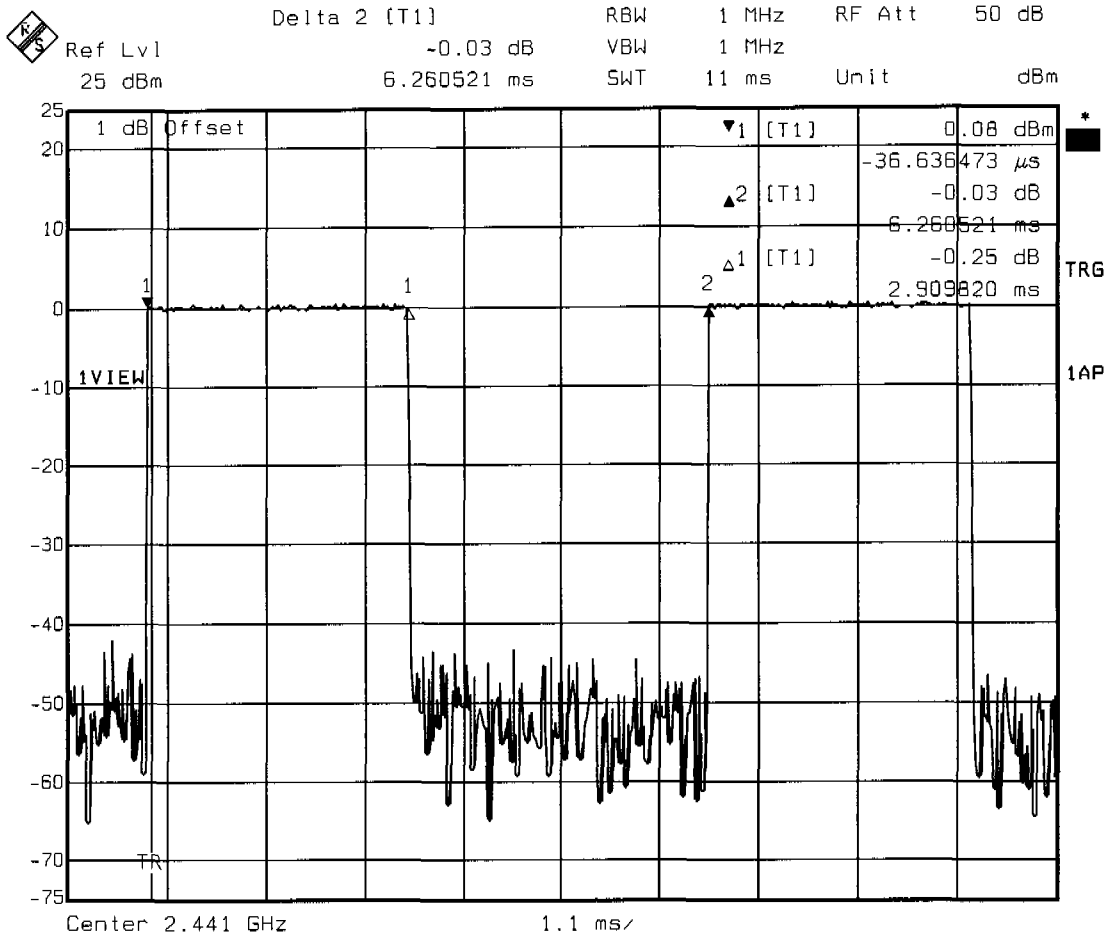
Time of Occupancy (Dwell Time)



Delta 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl -0.26 dB VBW 1 MHz
10 dBm 2.915832 ms SWT 5 ms Unit dBm



Title: Time of occupancy (Hopping DH5) 64 events*2.916ms=186.624ms
Comment A: PHD1000
Date: 05.AUG.2005 15:20:13



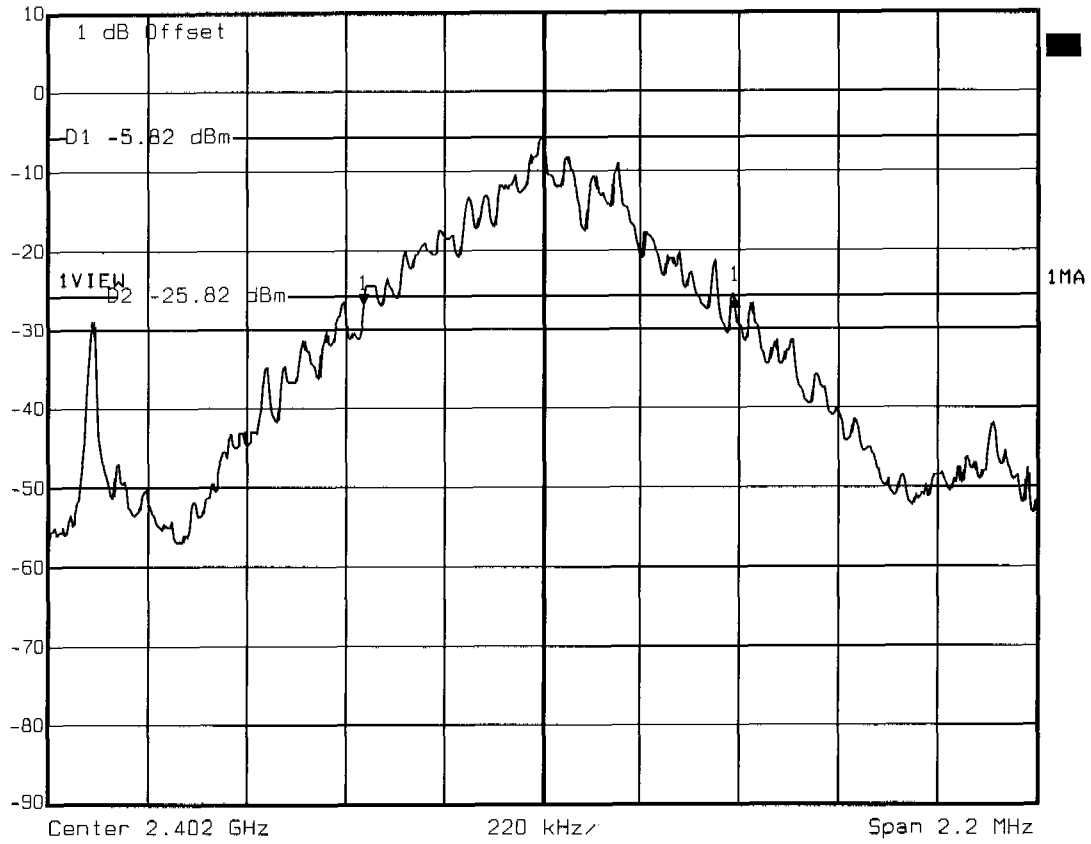
Title: Duty Cycle
 Comment A: PHD1000
 Date: 05.AUG.2005 13:21:21

Appendix H

20dB Bandwidth



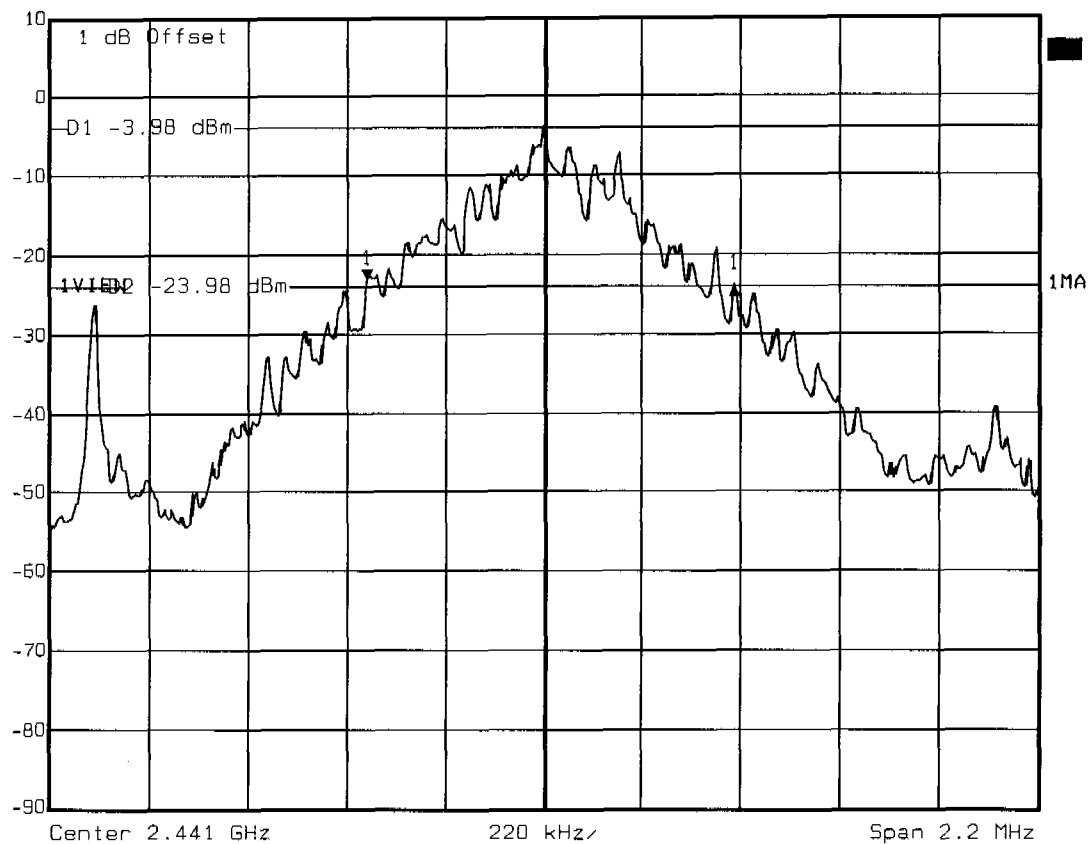
Delta 1 [T1] RBW 10 kHz RF Att 30 dB
Ref Lvl 1.24 dB VBW 10 kHz
10 dBm 828.85771543 kHz SWT 56 ms Unit dBm



Title: -20 dB Bandwidth Ch.: 0
Comment A: PHD1000
Date: 05.AUG.2005 11:43:16



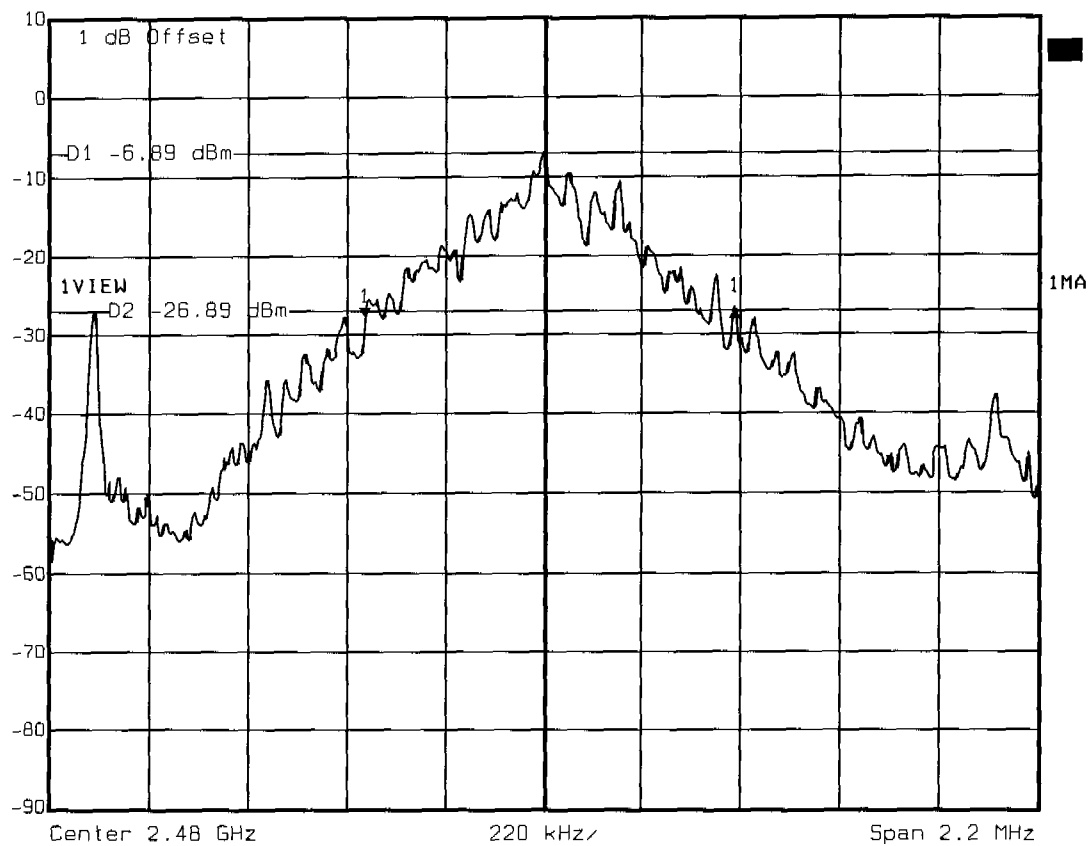
Delta 1 [T1] RBW 10 kHz RF Att 30 dB
Ref Lvl -0.68 dB VBW 10 kHz
10 dBm 820.04008016 kHz SWT 56 ms Unit dBm



Title: -20 dB Bandwidth Ch.: 39
Comment A: PHD1000
Date: 05.AUG.2005 11:44:38



Delta 1 [T1] RBW 10 kHz RF Att 30 dB
Ref Lvl 1.39 dB VBW 10 kHz
10 dBm 824.44889780 kHz SWT 56 ms Unit dBm



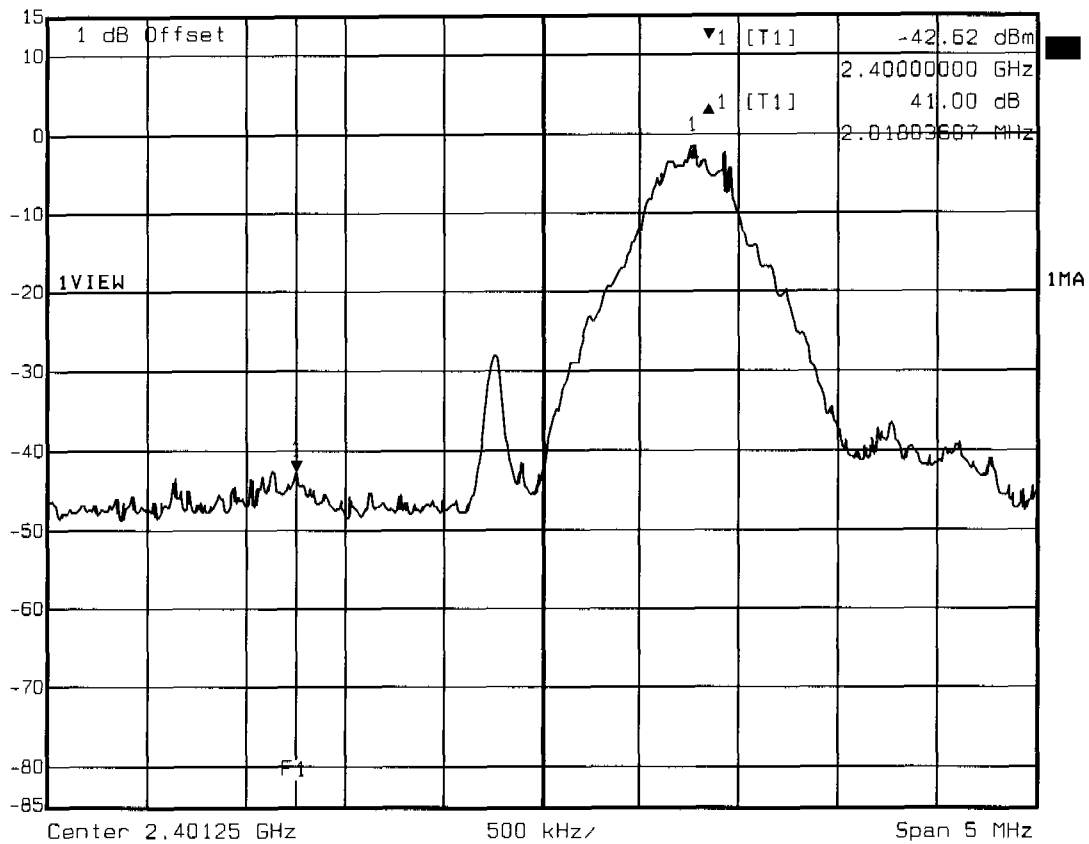
Title: -20 dB Bandwidth Ch.: 78
Comment A: PHD1000
Date: 05.AUG.2005 11:46:46

Appendix I

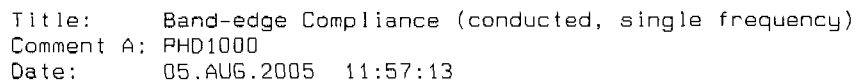
Band-edge Compliance of RF Emissions



Delta 1 [T1] RBW 50 kHz RF Att 40 dB
Ref Lvl 41.00 dB VBW 50 kHz
15 dBm 2.01803607 MHz SWT 5 ms Unit dBm



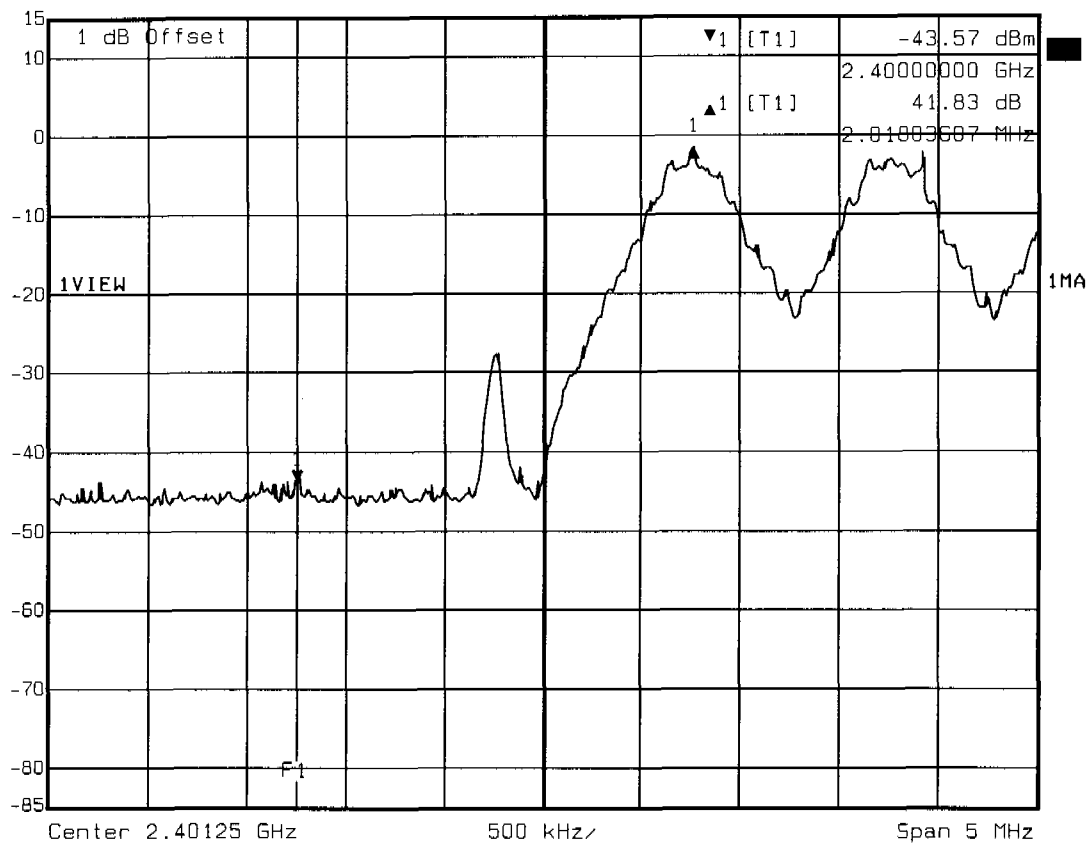
Title: Band-edge Compliance (conducted, single frequency)
Comment A: PHD1000
Date: 05.AUG.2005 13:13:41



Title: Band-edge Compliance (conducted, single frequency)
Comment A: PHD1000
Date: 05.AUG.2005 11:57:13



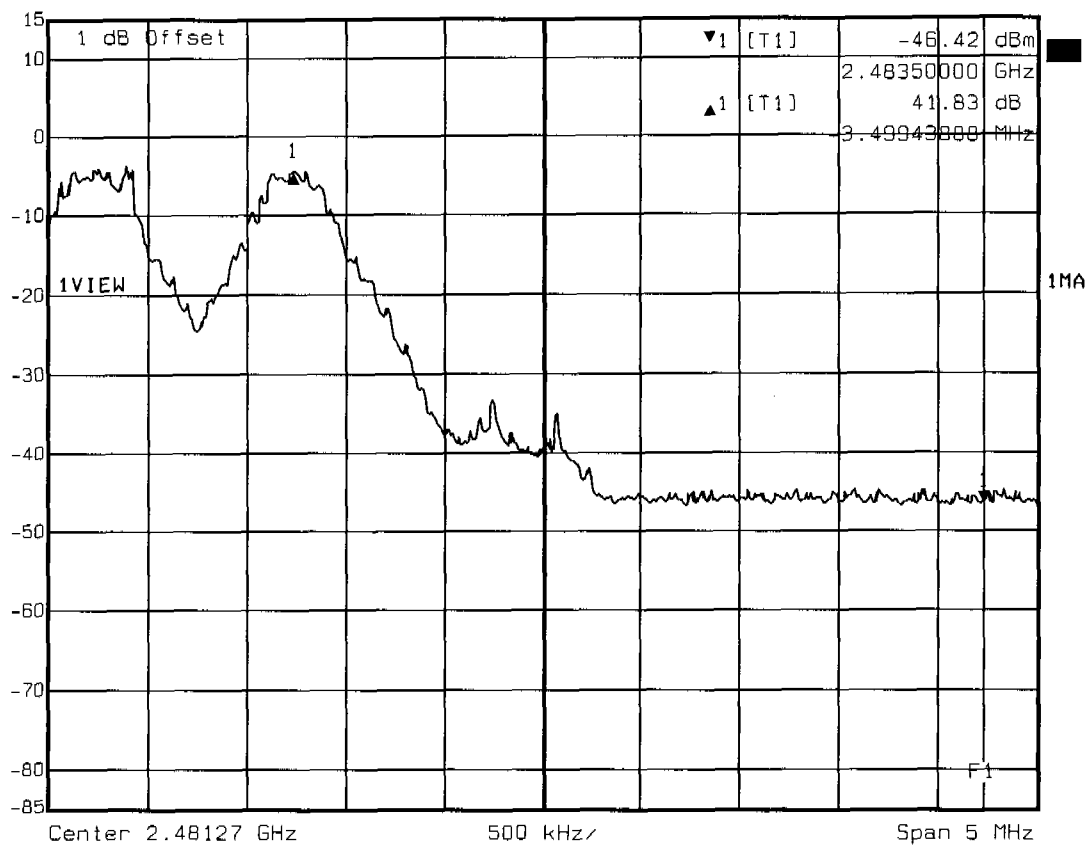
Delta 1 [T1] RBW 50 kHz RF Att 40 dB
Ref Lvl 41.83 dB VBW 50 kHz
15 dBm 2.01803607 MHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, hopping mode)
Comment A: PHD1000
Date: 05.AUG.2005 13:12:24



Delta 1 [T1] RBW 50 kHz RF Att 40 dB
Ref Lvl 41.83 dB VBW 50 kHz
15 dBm -3.49943888 MHz SWT 5 ms Unit dBm



Title: Band-edge Compliance (conducted, hopping mode)
Comment A: PHD1000
Date: 05.AUG.2005 12:48:10

Appendix J

Conducted Measurement at (AC) Power Line