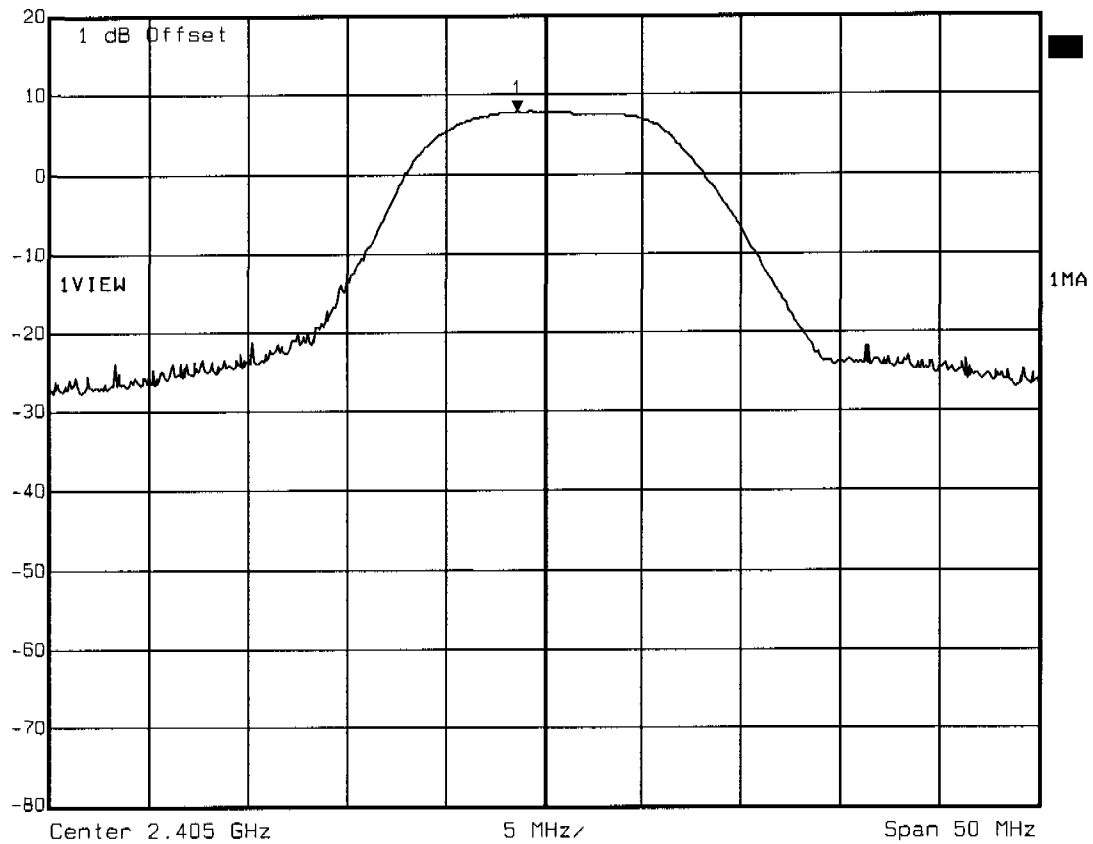


Appendix B

Peak Output Power



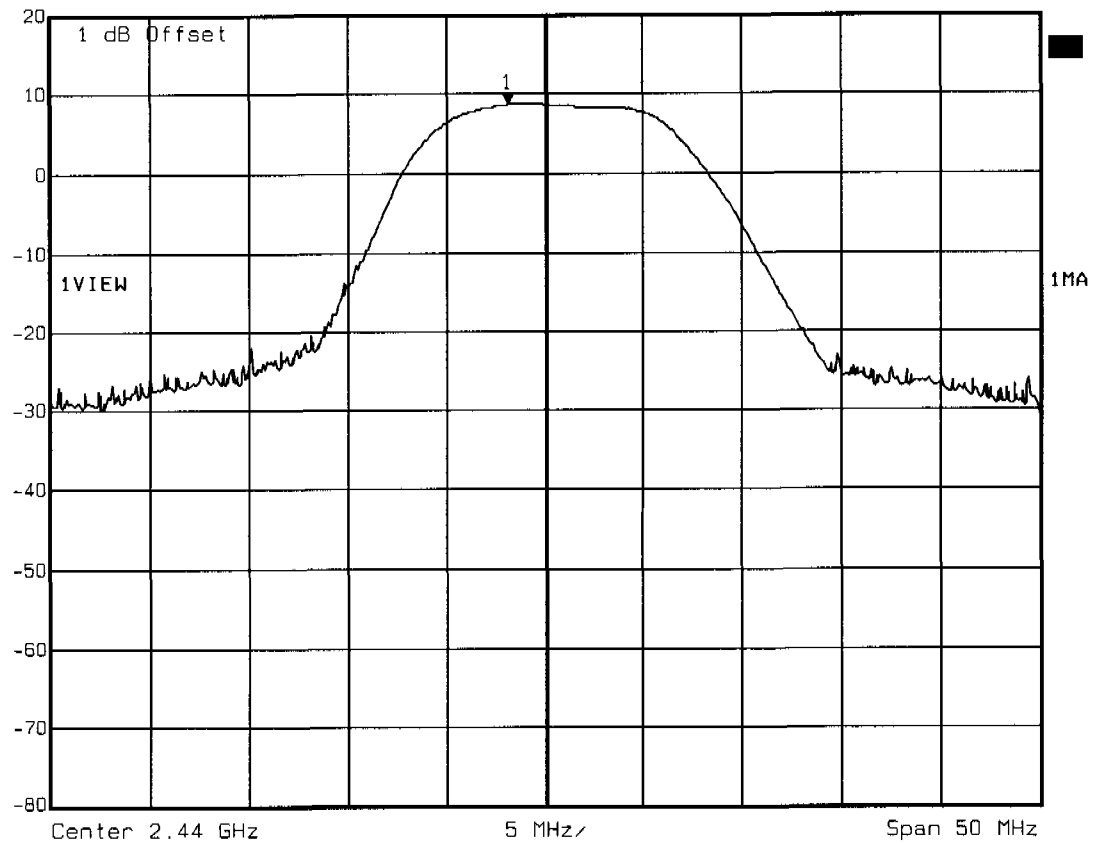
Marker 1 [T1] RBW 10 MHz RF Att 40 dB
Ref Lvl 7.82 dBm VBW 10 MHz
20 dBm 2.40364729 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 0 Unom
Comment A: PHD1000
Date: 08.AUG.2005 10:25:22



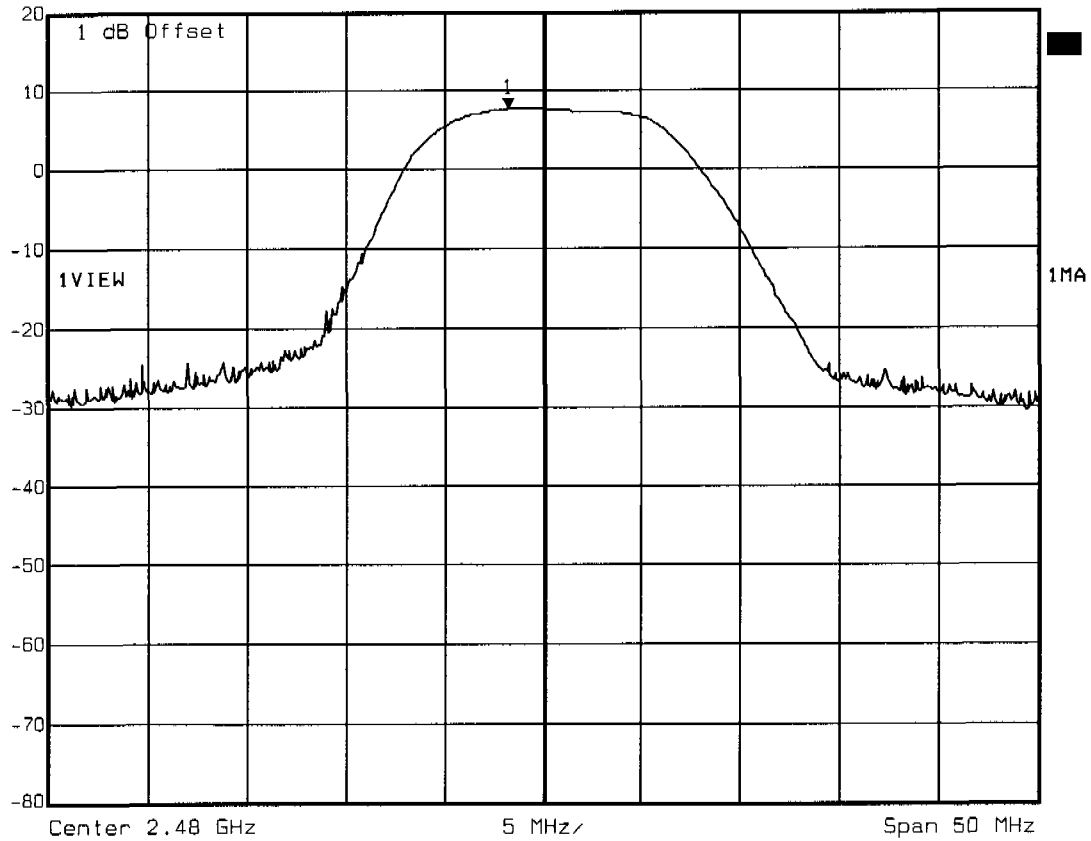
Marker 1 [T1] RBW 10 MHz RF Att 40 dB
Ref Lvl 8.53 dBm VBW 10 MHz
20 dBm 2.43814629 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 7 Unom
Comment A: PHD1000
Date: 08.AUG.2005 10:26:19



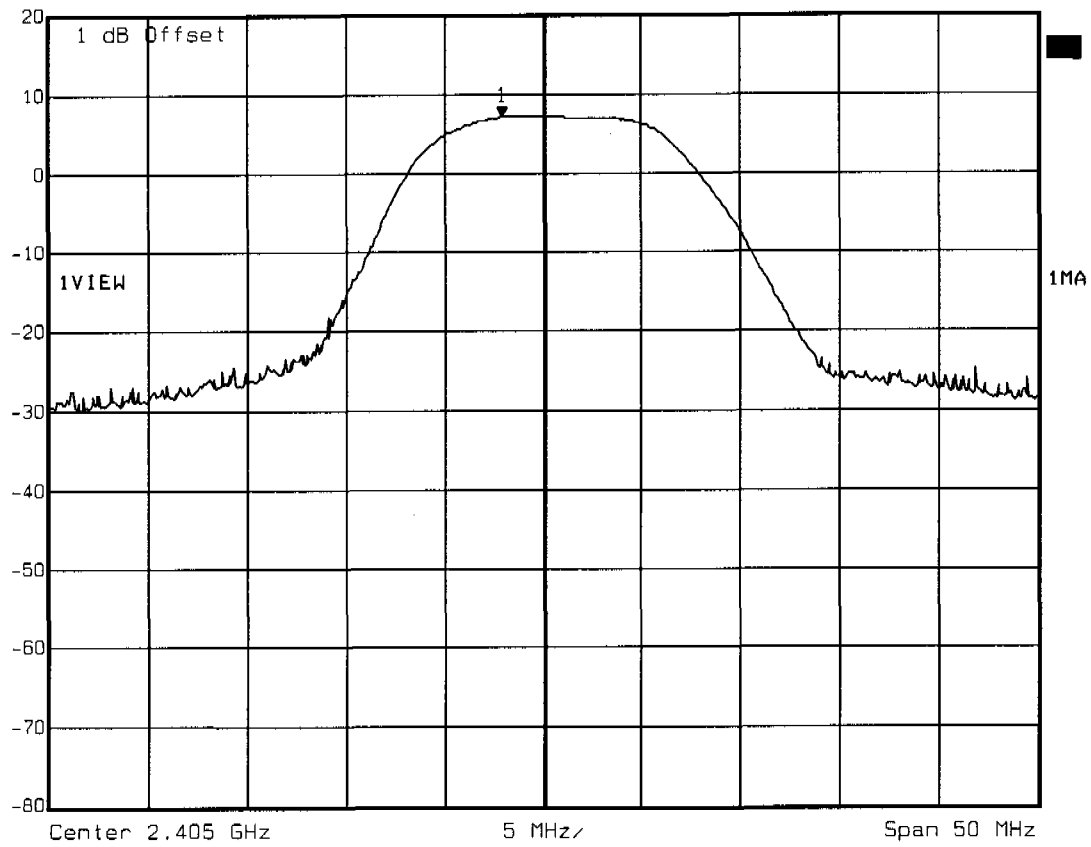
Marker 1 [T1] RBW 10 MHz RF Att 40 dB
Ref Lvl 7.55 dBm VBW 10 MHz
20 dBm 2.47824649 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 15 Unom
Comment A: PHD1000
Date: 08.AUG.2005 10:27:02



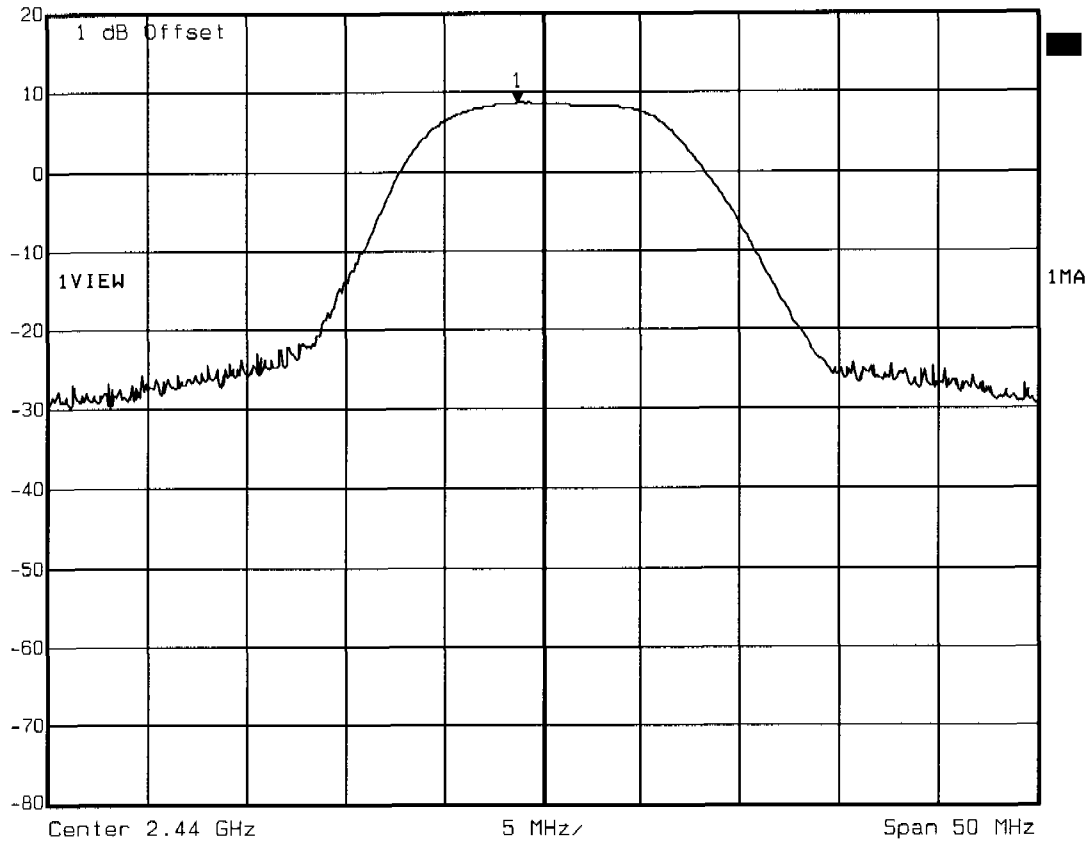
Marker 1 [T1] RBW 10 MHz RF Att 40 dB
Ref Lvl 7.17 dBm VBW 10 MHz
20 dBm 2.40294589 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 0 Umin
Comment A: PHD1000
Date: 08.AUG.2005 10:31:04



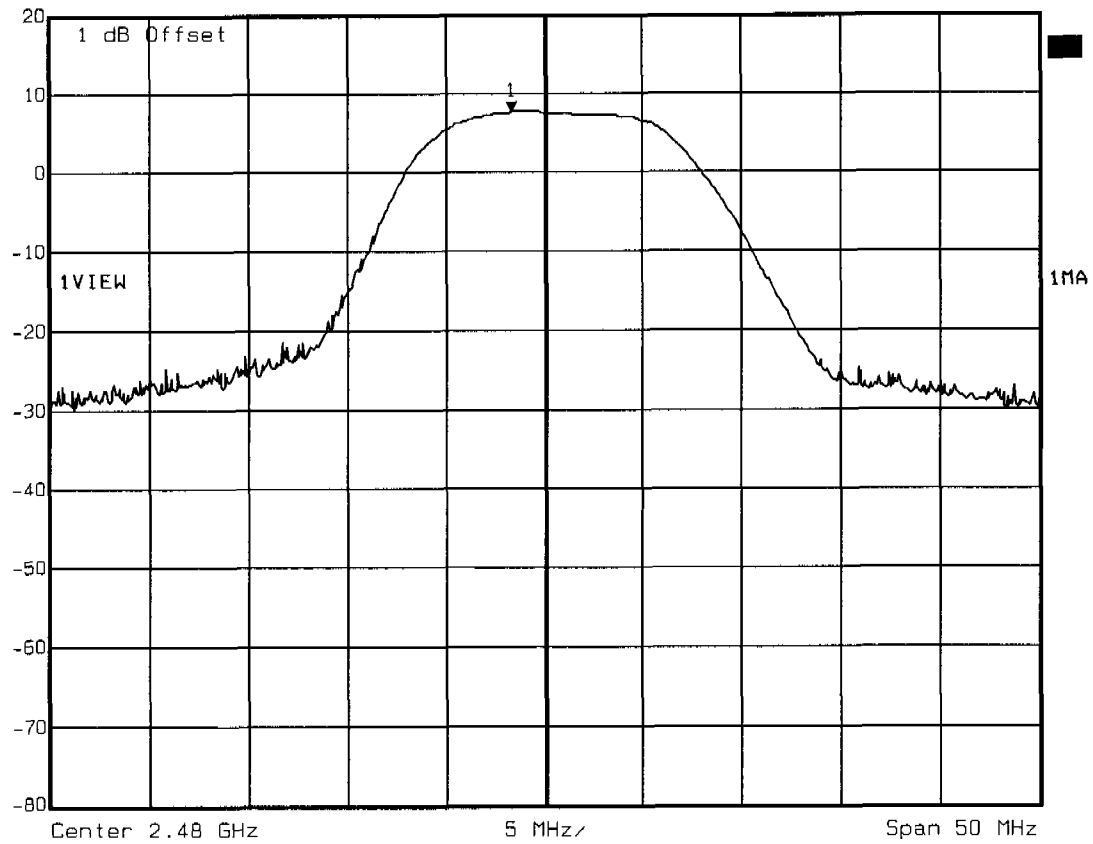
Marker 1 [T1] RBW 10 MHz RF Att 40 dB
Ref Lvl 8.53 dBm VBW 10 MHz
20 dBm 2.43874749 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 7 Umin
Comment A: PHD1000
Date: 08.AUG.2005 10:30:14



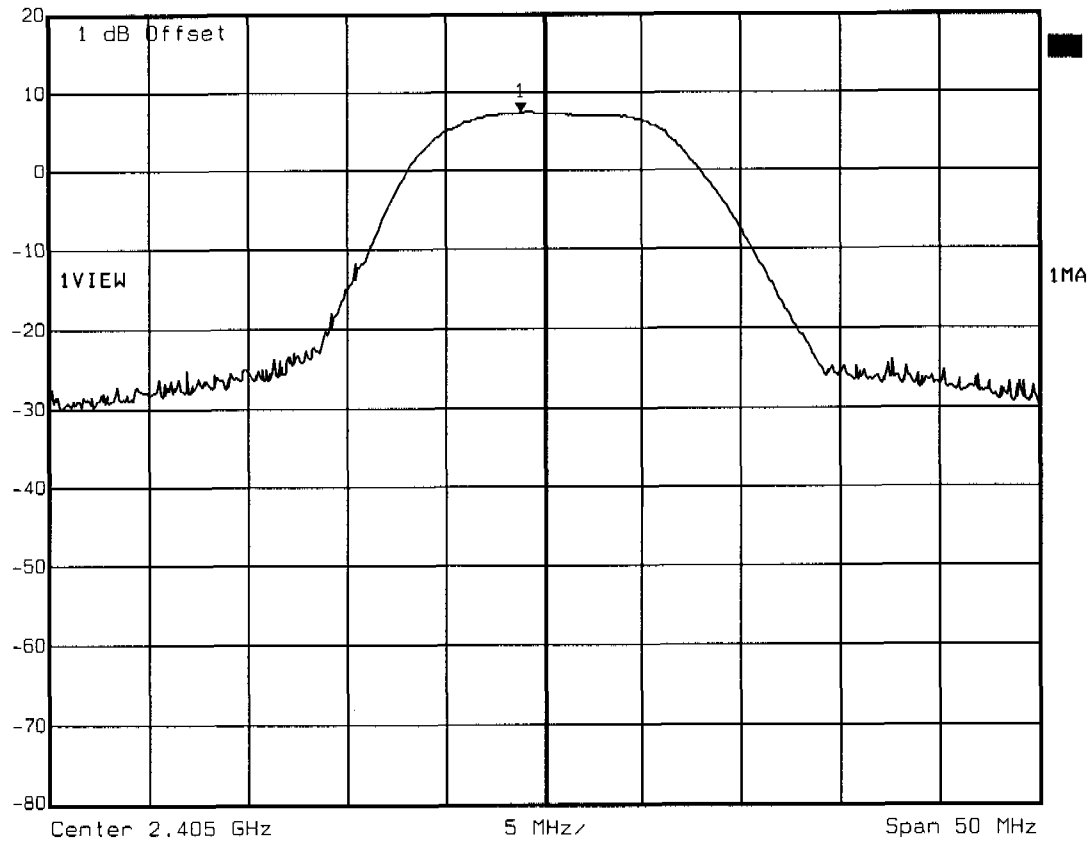
Marker 1 [T1] RBW 10 MHz RF Att 40 dB
Ref Lvl 7.55 dBm VBW 10 MHz
20 dBm 2.47834669 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 15 Umin
Comment A: PHD1000
Date: 08.AUG.2005 10:29:30



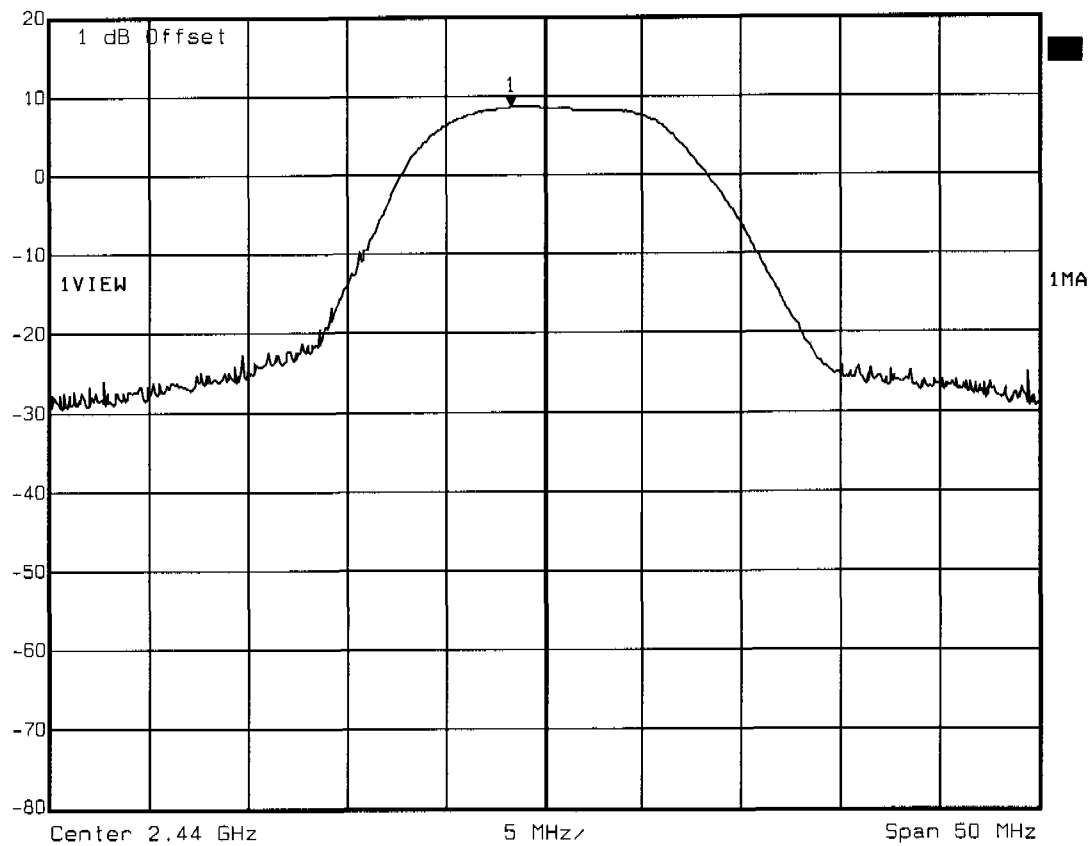
Marker 1 [T1] RBW 10 MHz RF Att 40 dB
Ref Lvl 7.30 dBm VBW 10 MHz
20 dBm 2.40384770 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 0 Umax
Comment A: PHD1000
Date: 08.AUG.2005 10:33:39



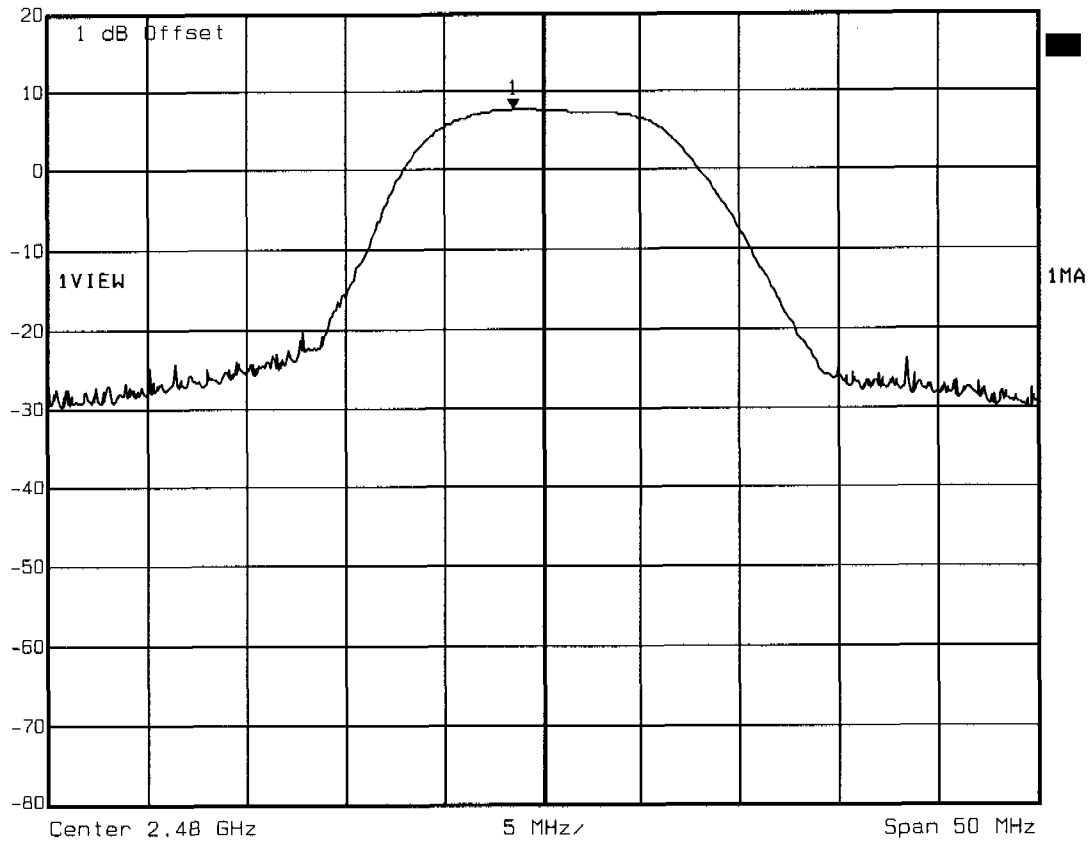
Marker 1 [T1] RBW 10 MHz RF Att 40 dB
Ref Lvl 8.53 dBm VBW 10 MHz
20 dBm 2.43834669 GHz SWT 5 ms Unit dBm



Title: Peak Output Power Conducted Ch.: 7 Umax
Comment A: PHD1000
Date: 08.AUG.2005 10:34:31



Marker 1 [T1] RBW 10 MHz RF Att 40 dB
Ref Lvl 7.55 dBm VBW 10 MHz
20 dBm 2.47854709 GHz SWT 5 ms Unit dBm

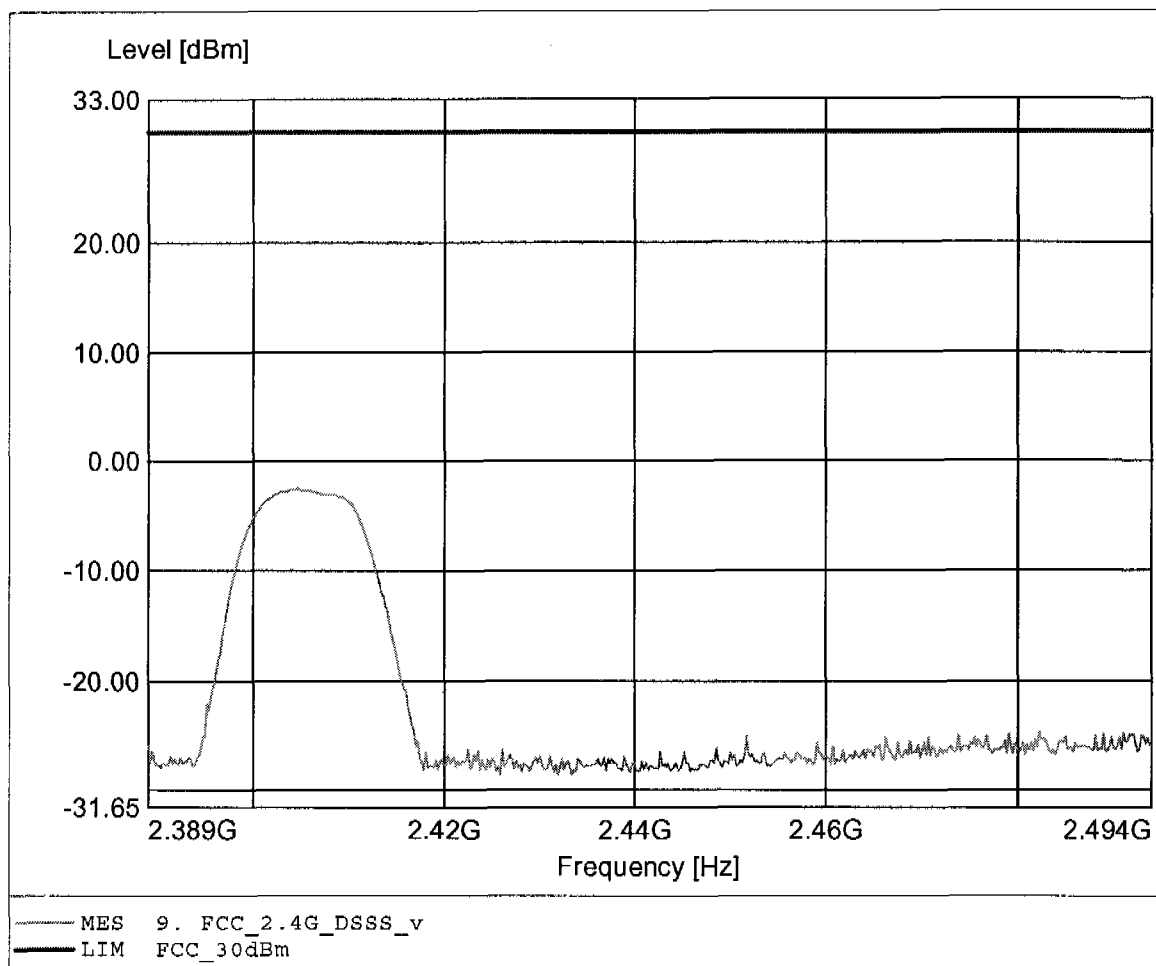


Title: Peak Output Power Conducted Ch.: 15 Umax
Comment A: PHD1000
Date: 08.AUG.2005 10:35:19

Carrier power (dBm)

FCC RULES PART 15, SUBPART C

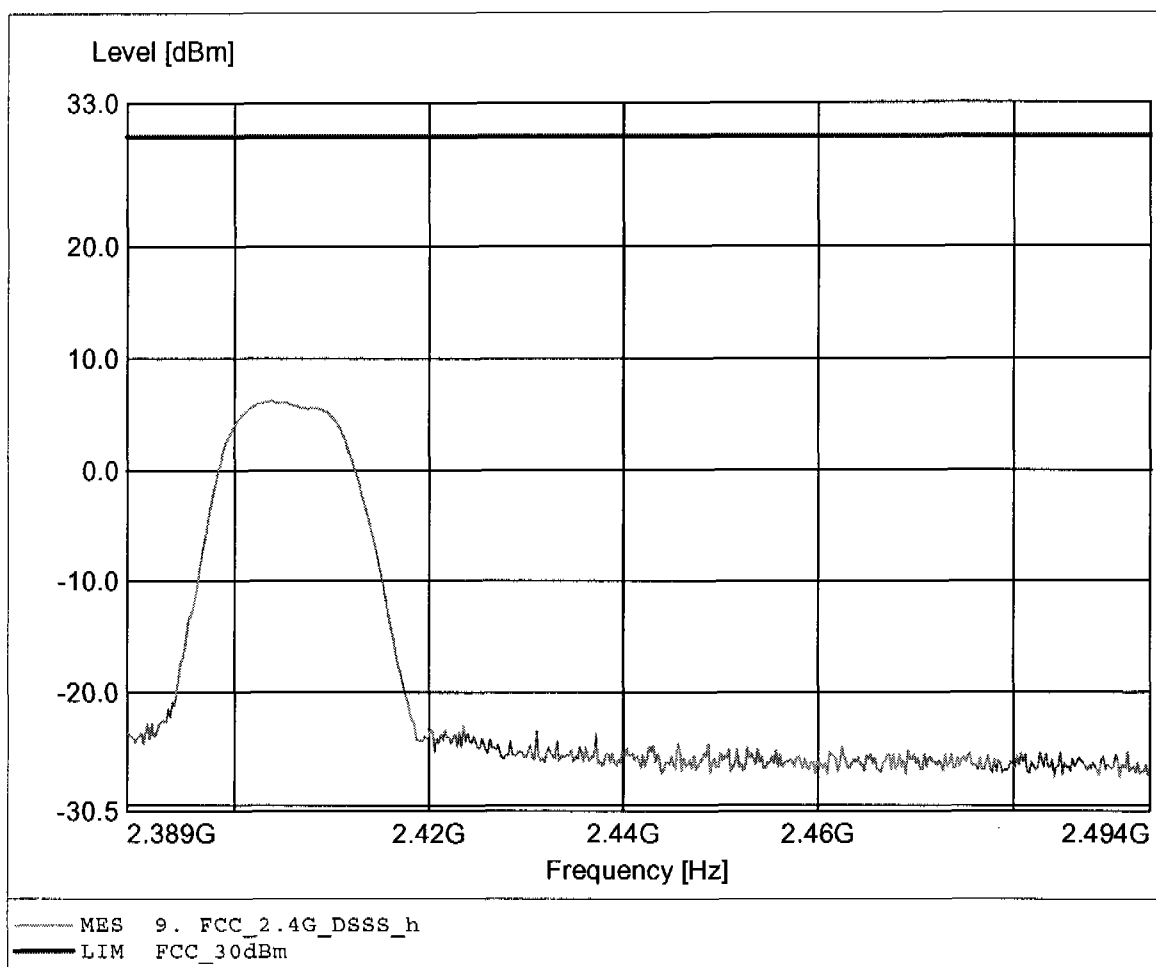
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.405GHz, Pmax: -2.55dBm, RBW: 10MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

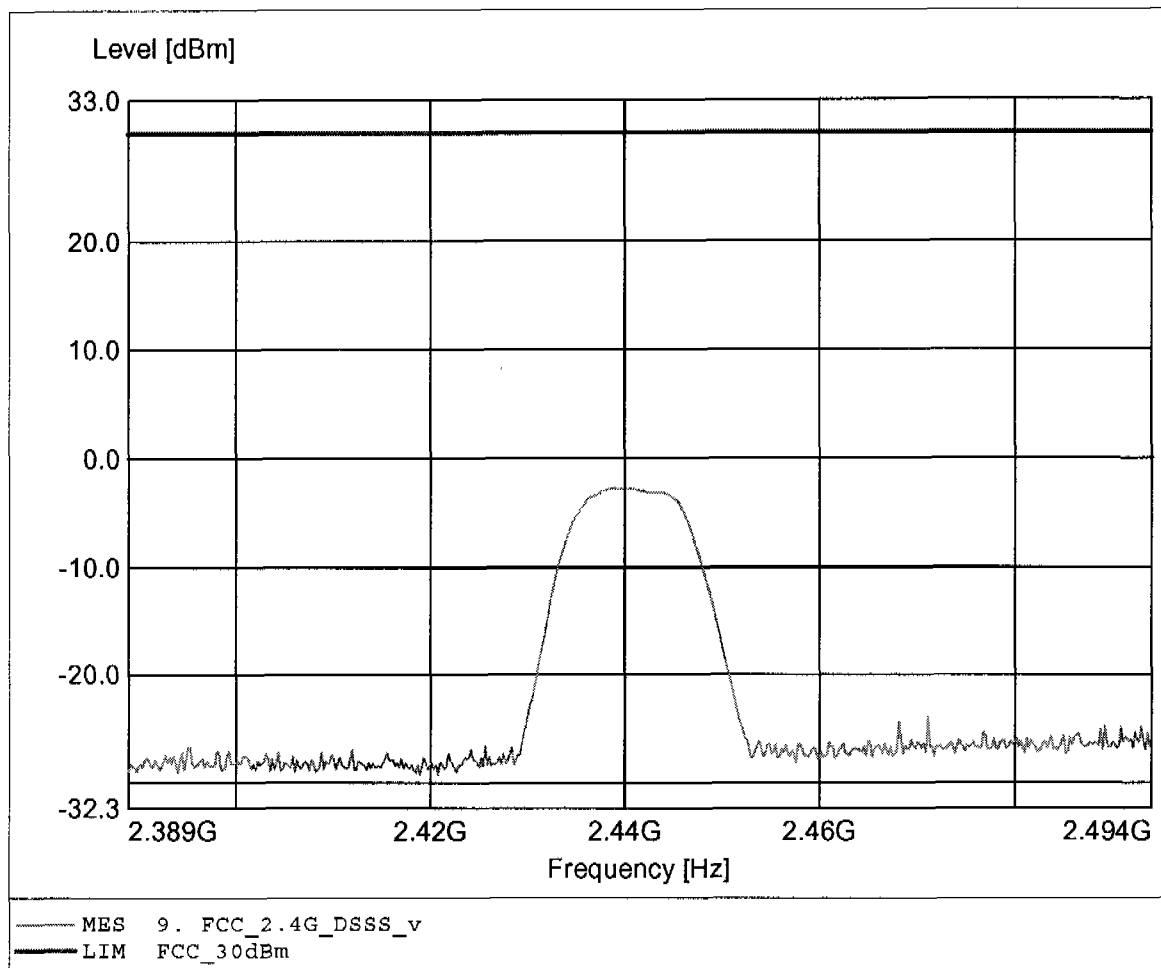
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.404GHz, Pmax: 6.25dBm, RBW: 10MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

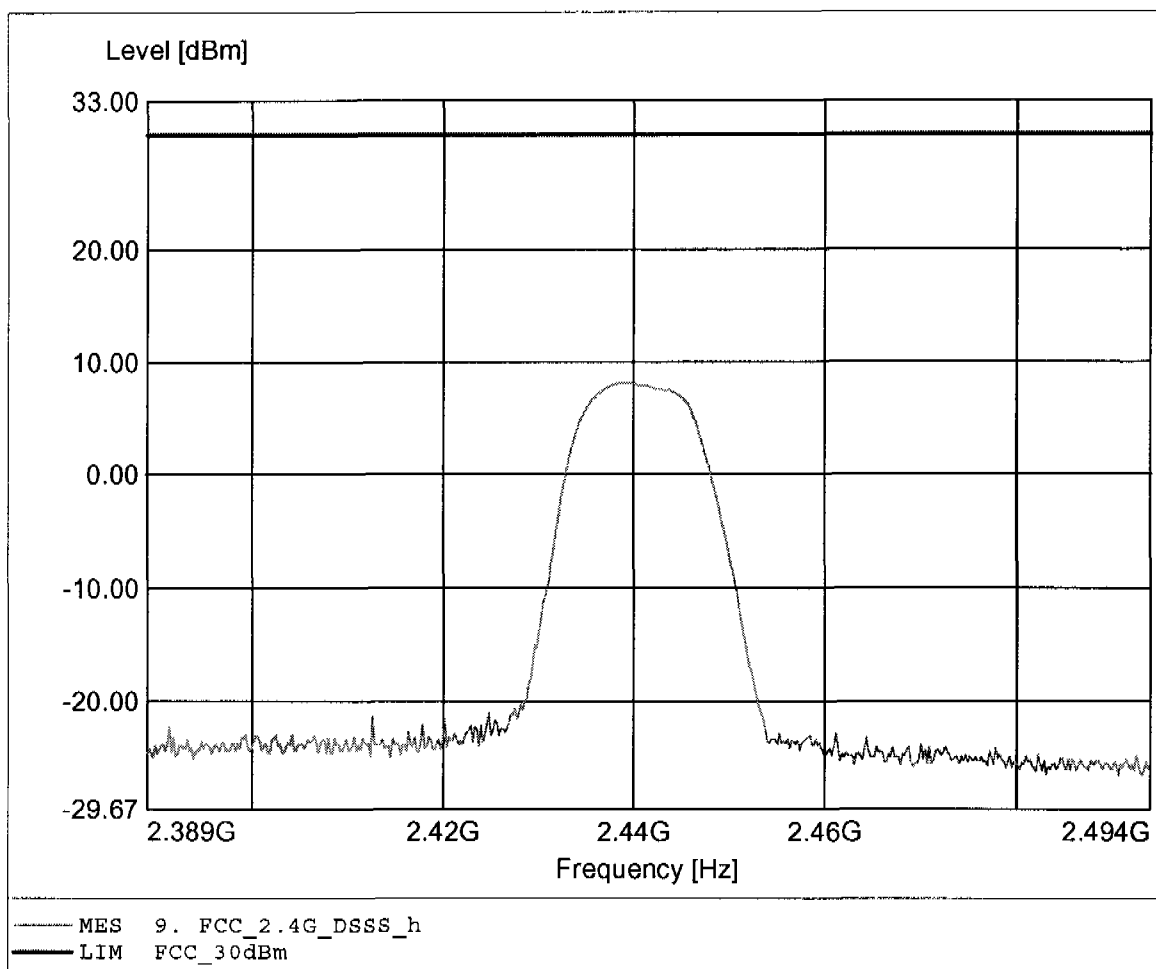
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.439GHz, Pmax: -2.64dBm, RBW: 10MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

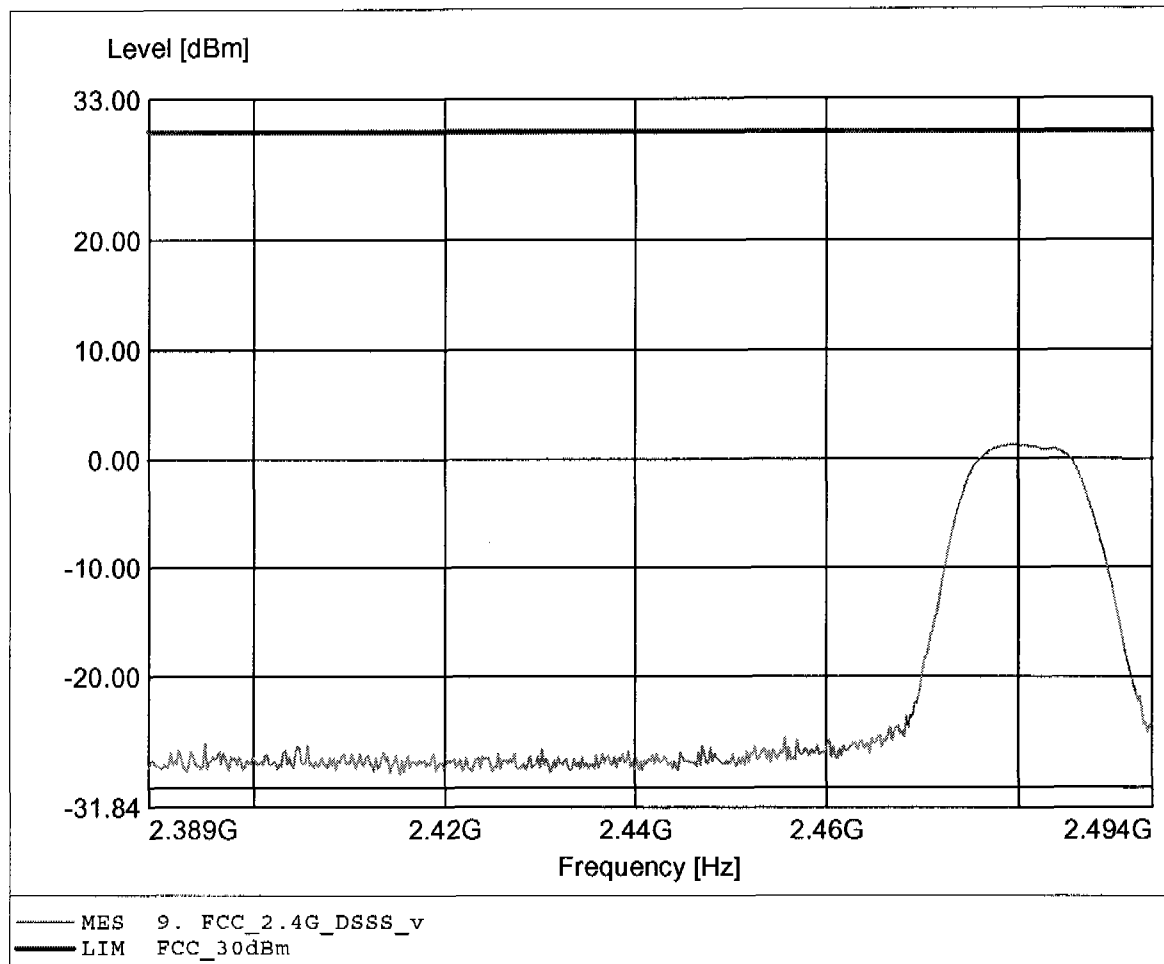
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.438GHz, Pmax: 8.09dBm, RBW: 10MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

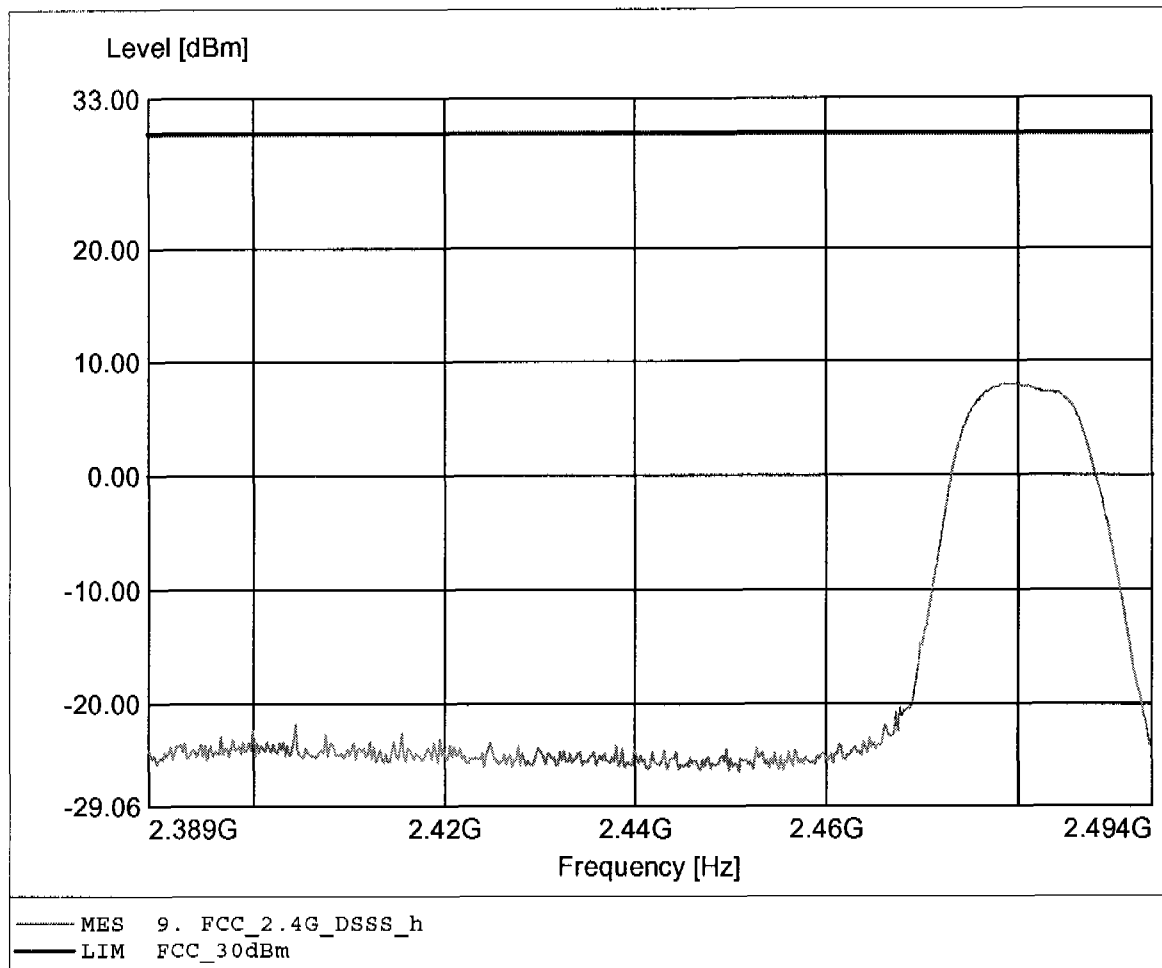
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 1.33dBm, RBW: 10MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.478GHz, Pmax: 7.94dBm, RBW: 10MHz



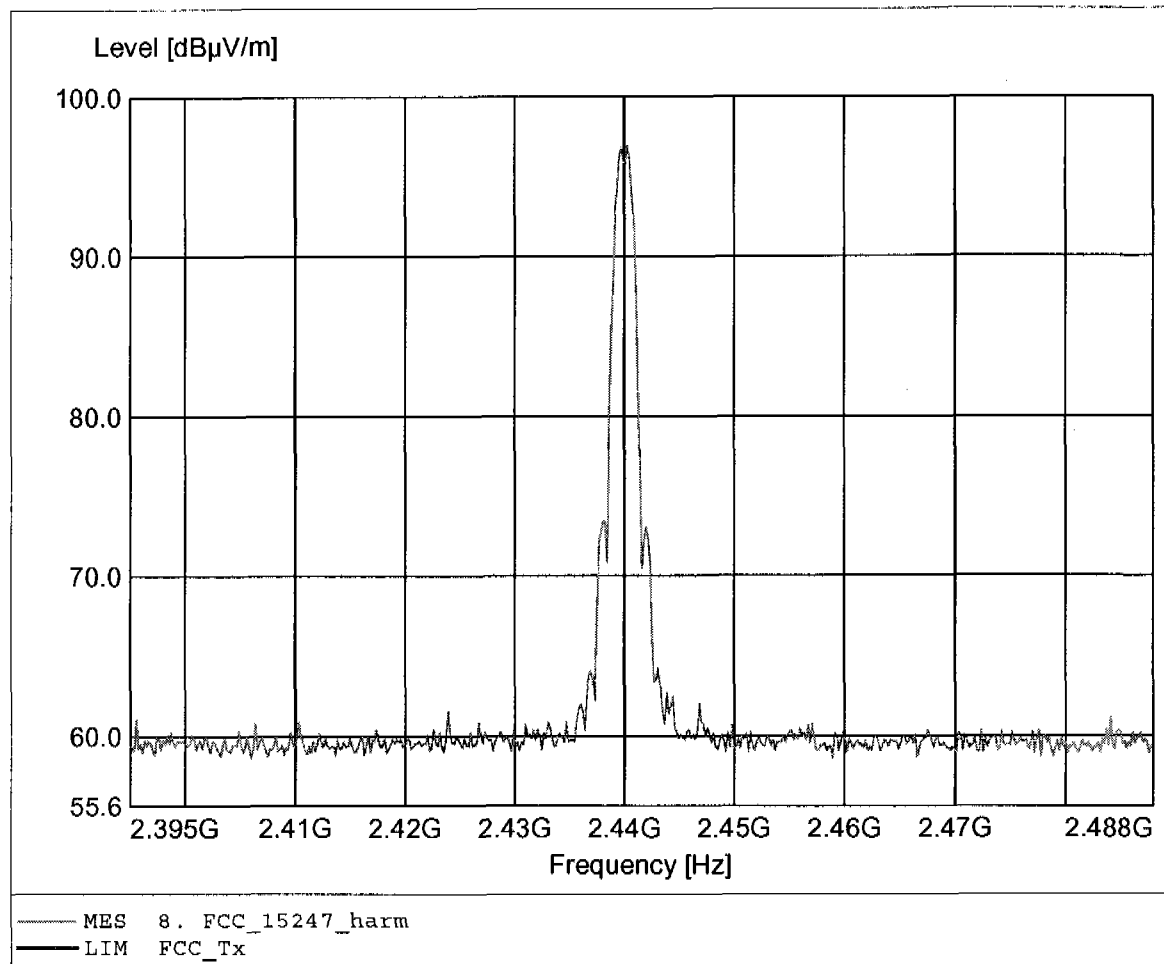
Appendix C

Spurious Emissions radiated - Transmitter operating

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

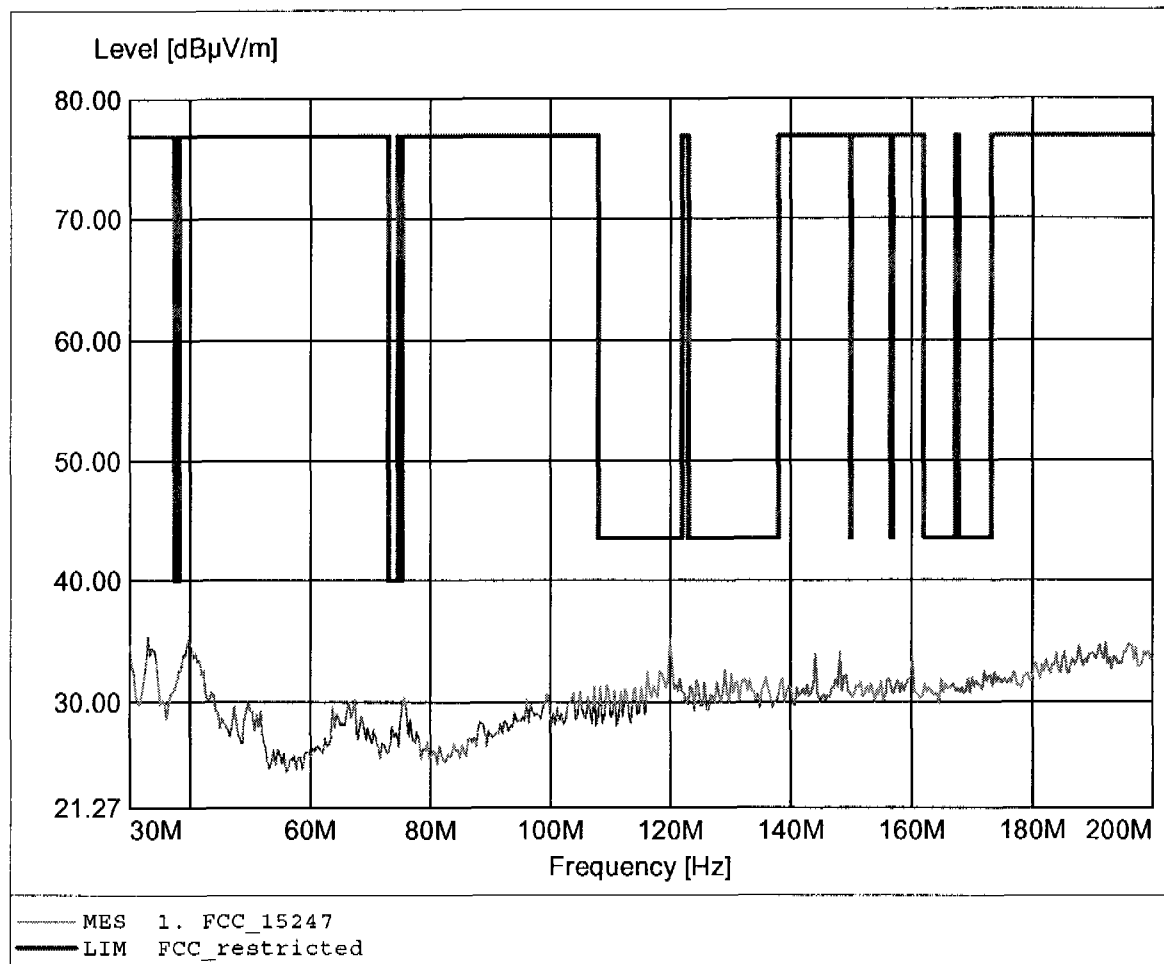
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.440GHz, Emax: 96.89dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

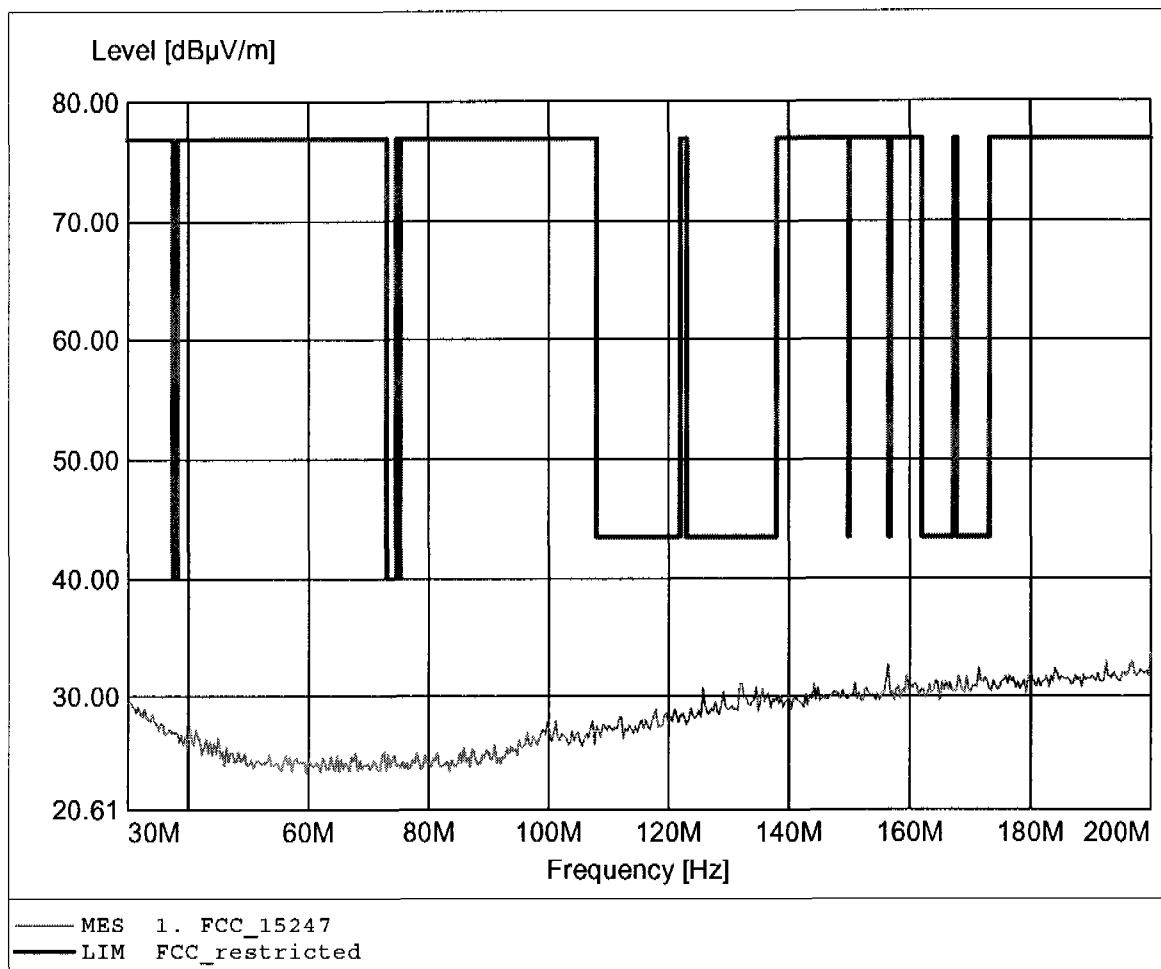
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 33.066MHz, Emax: 35.30dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

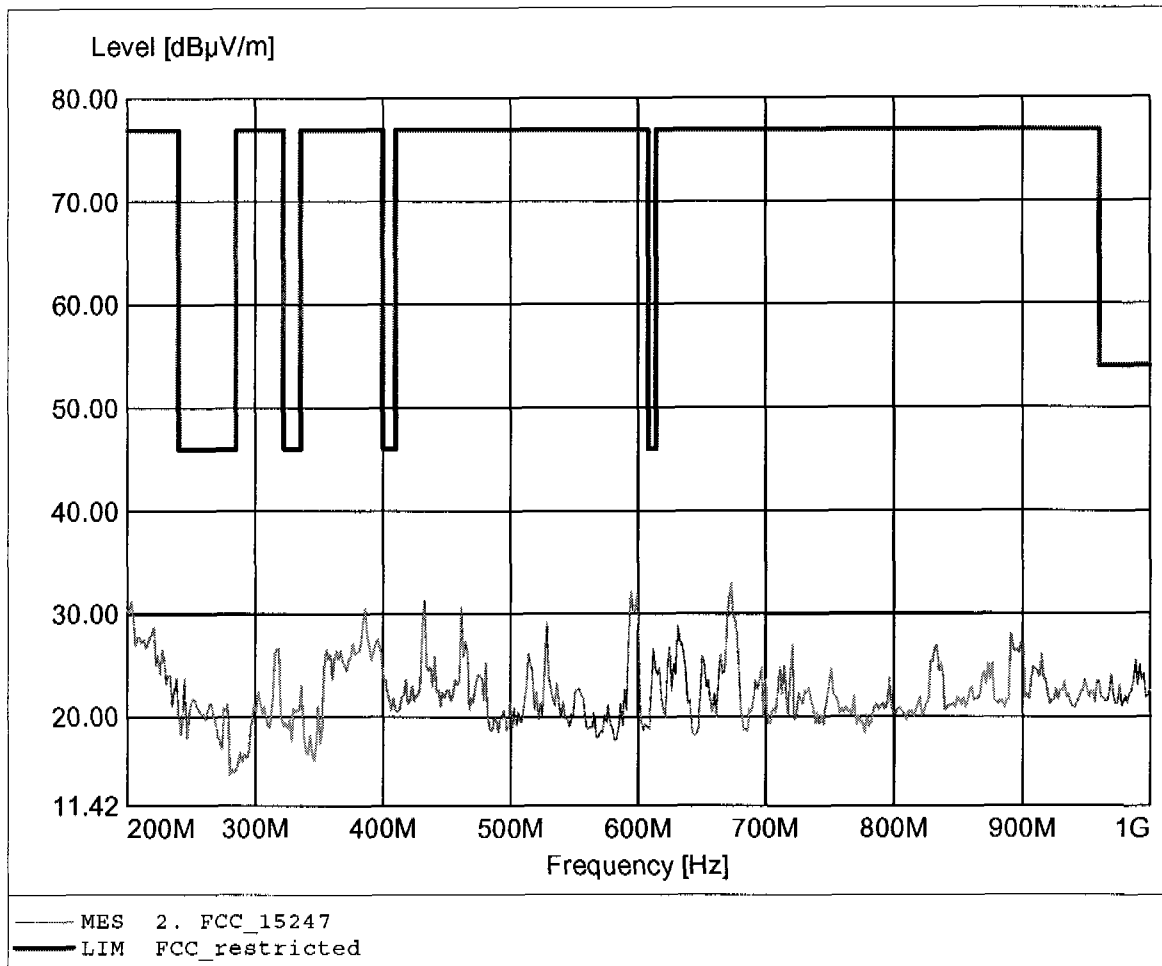
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 200.000MHz, Emax: 33.66dBuV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

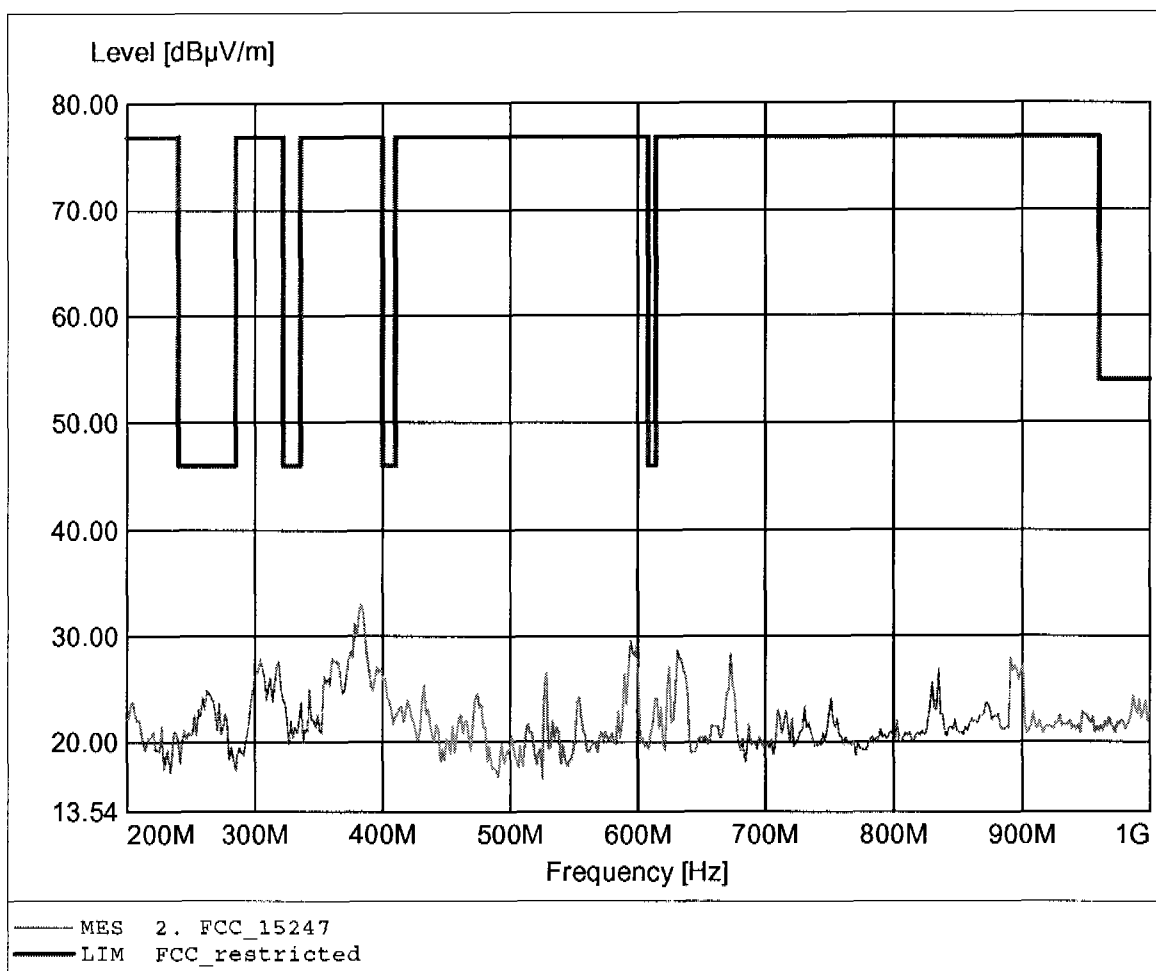
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 672.946MHz, Emax: 32.93dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

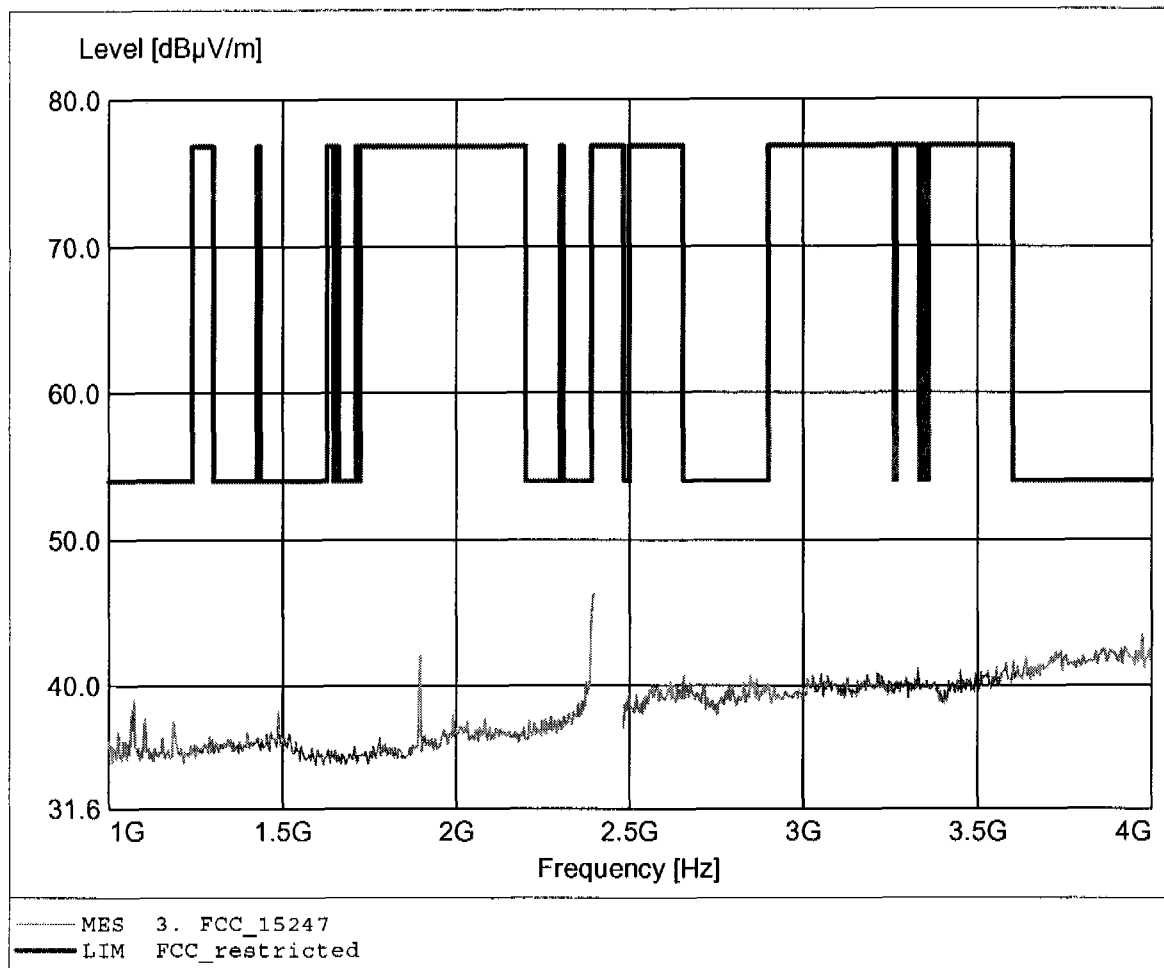
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 382.766MHz, Emax: 32.98dBuV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

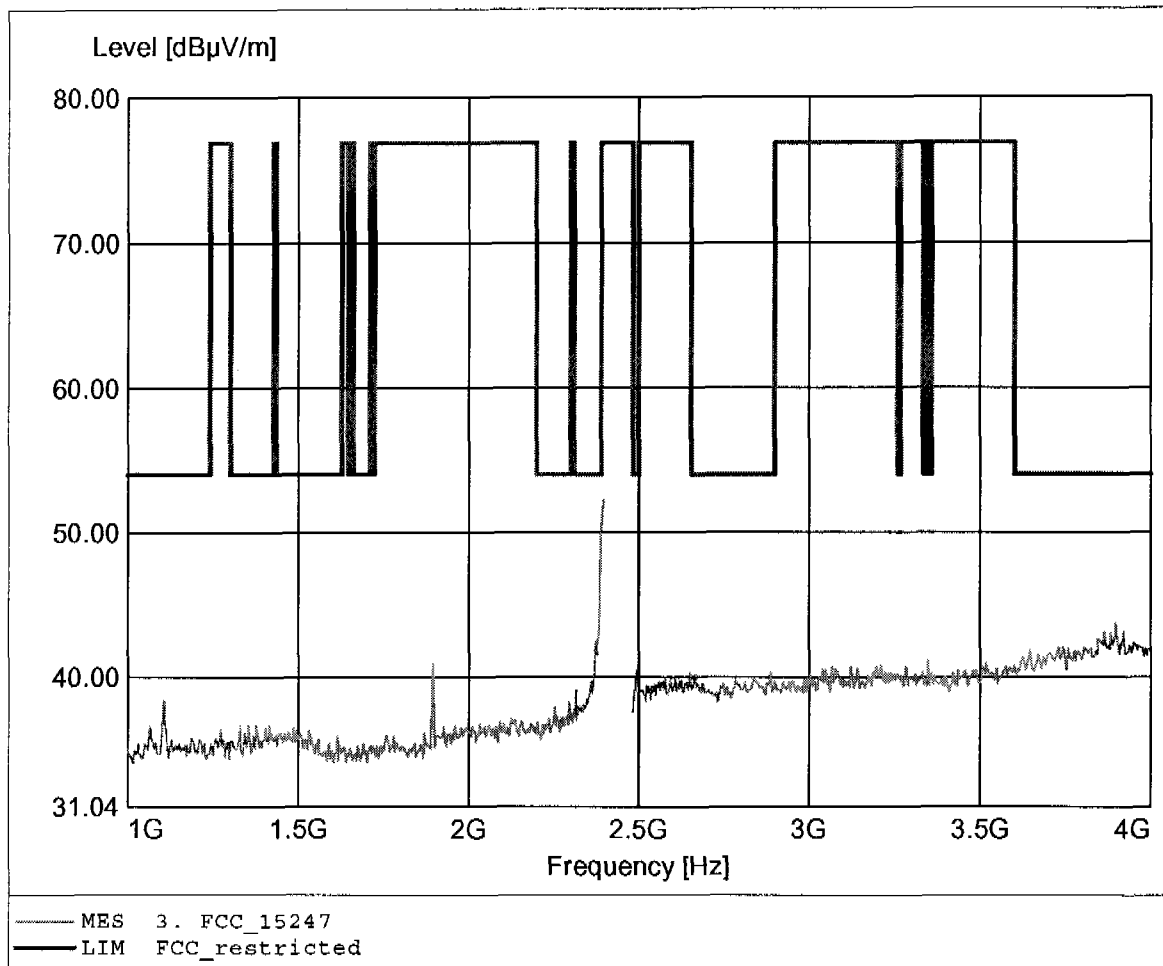
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 46.28dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

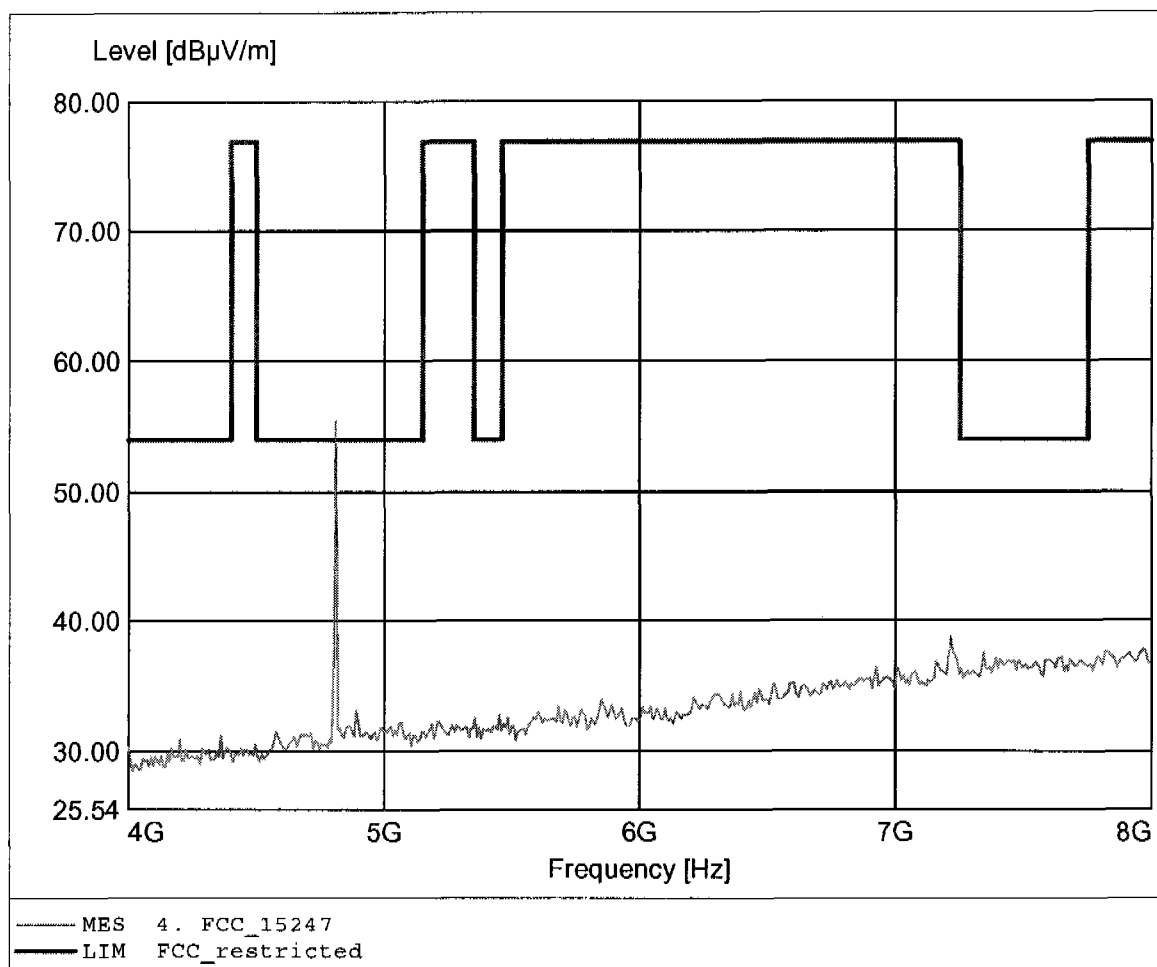
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 52.25dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

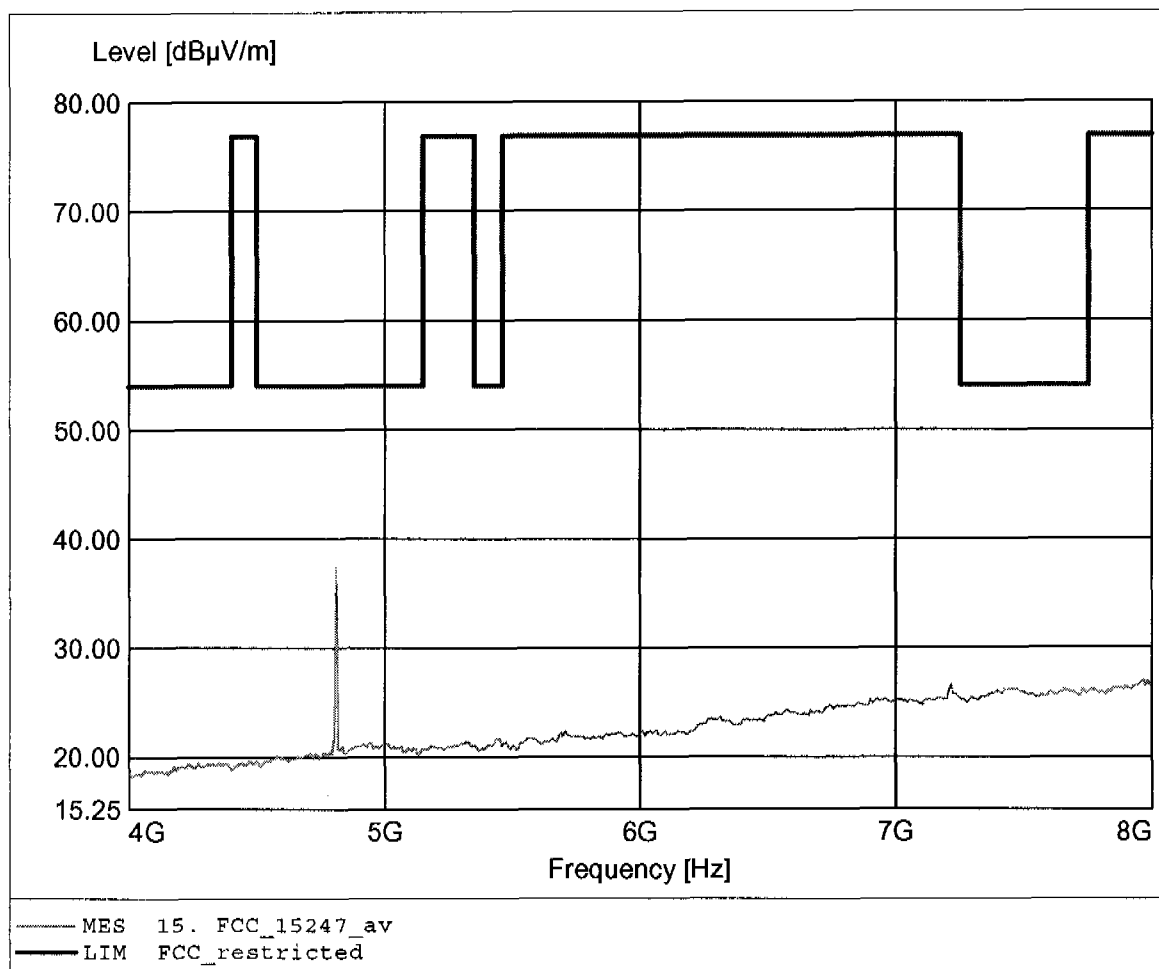
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 55.49dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

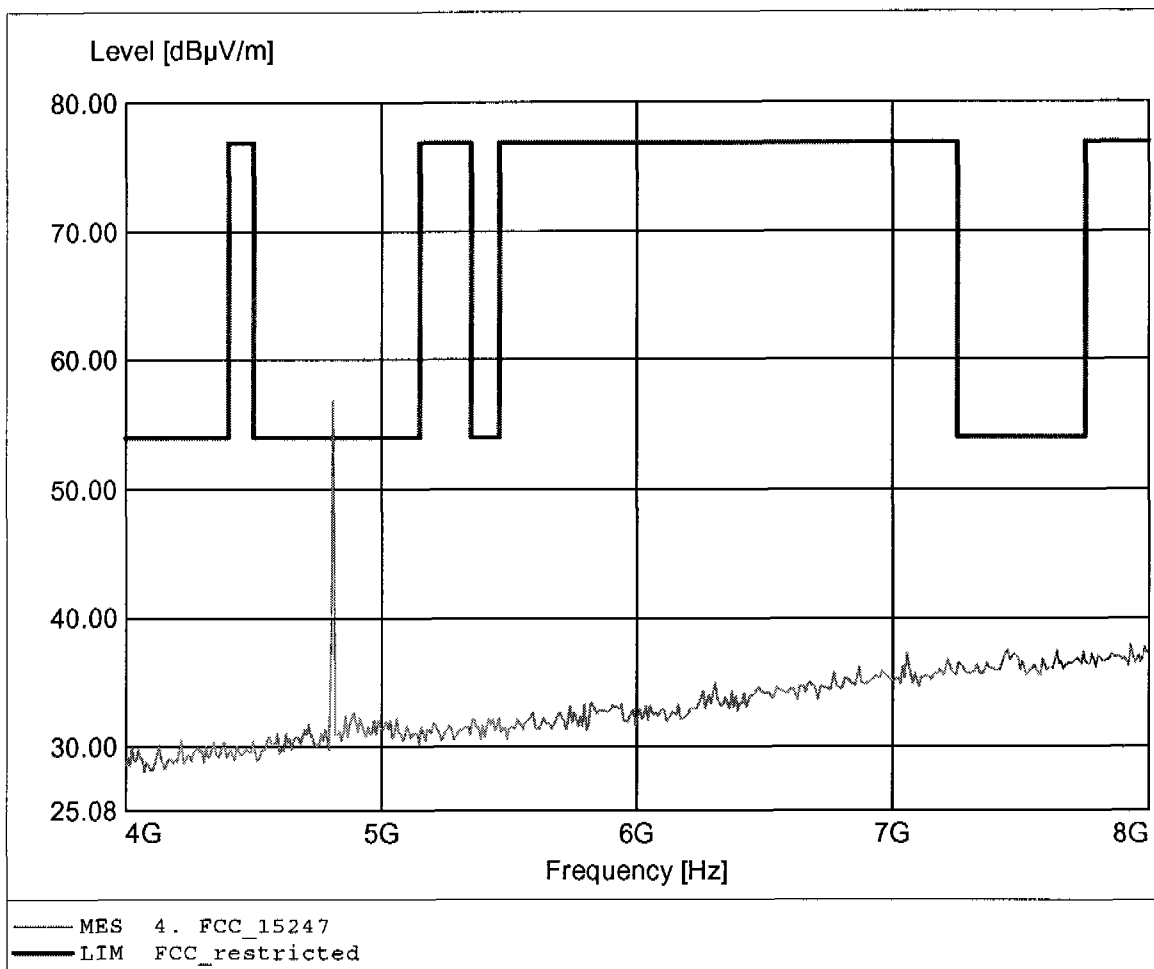
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 37.37dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

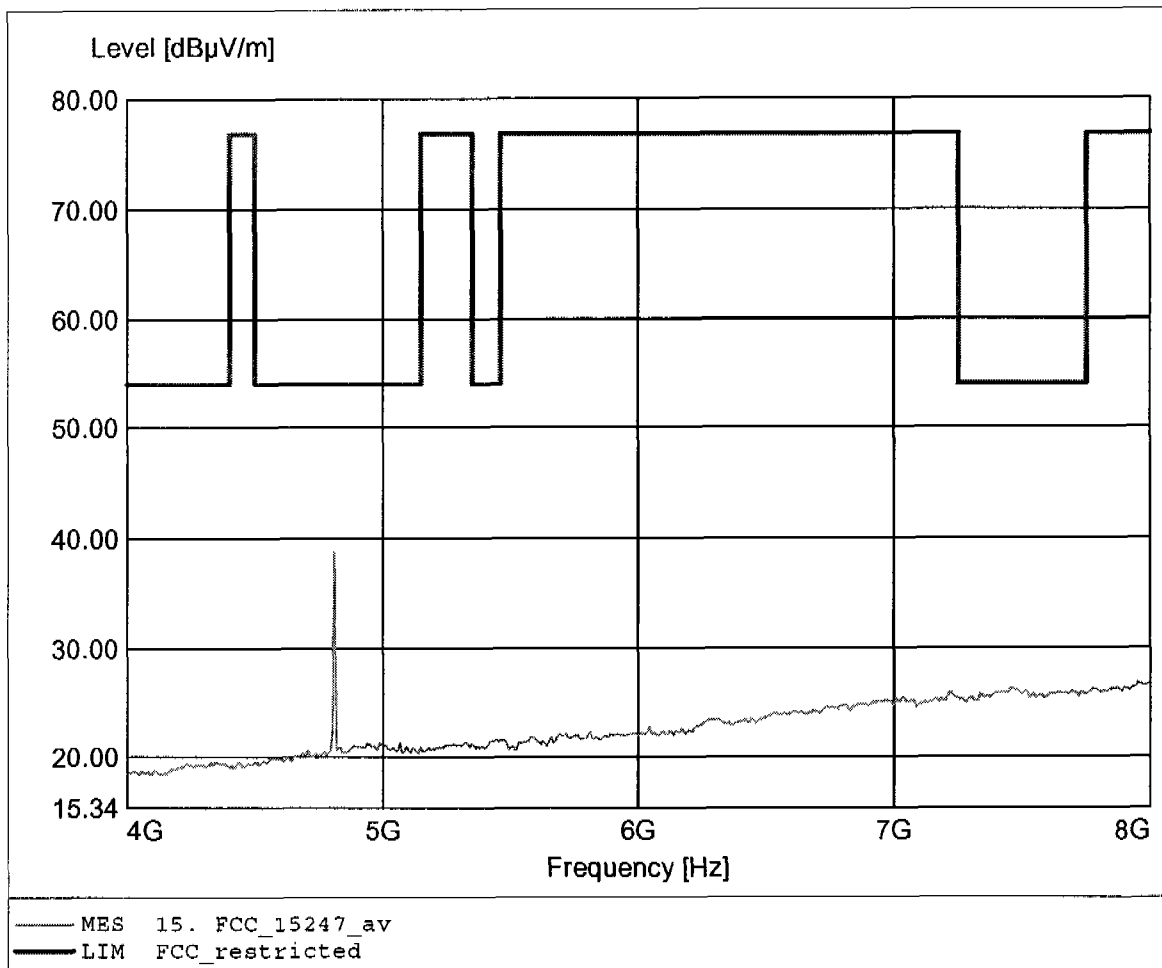
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 56.79dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

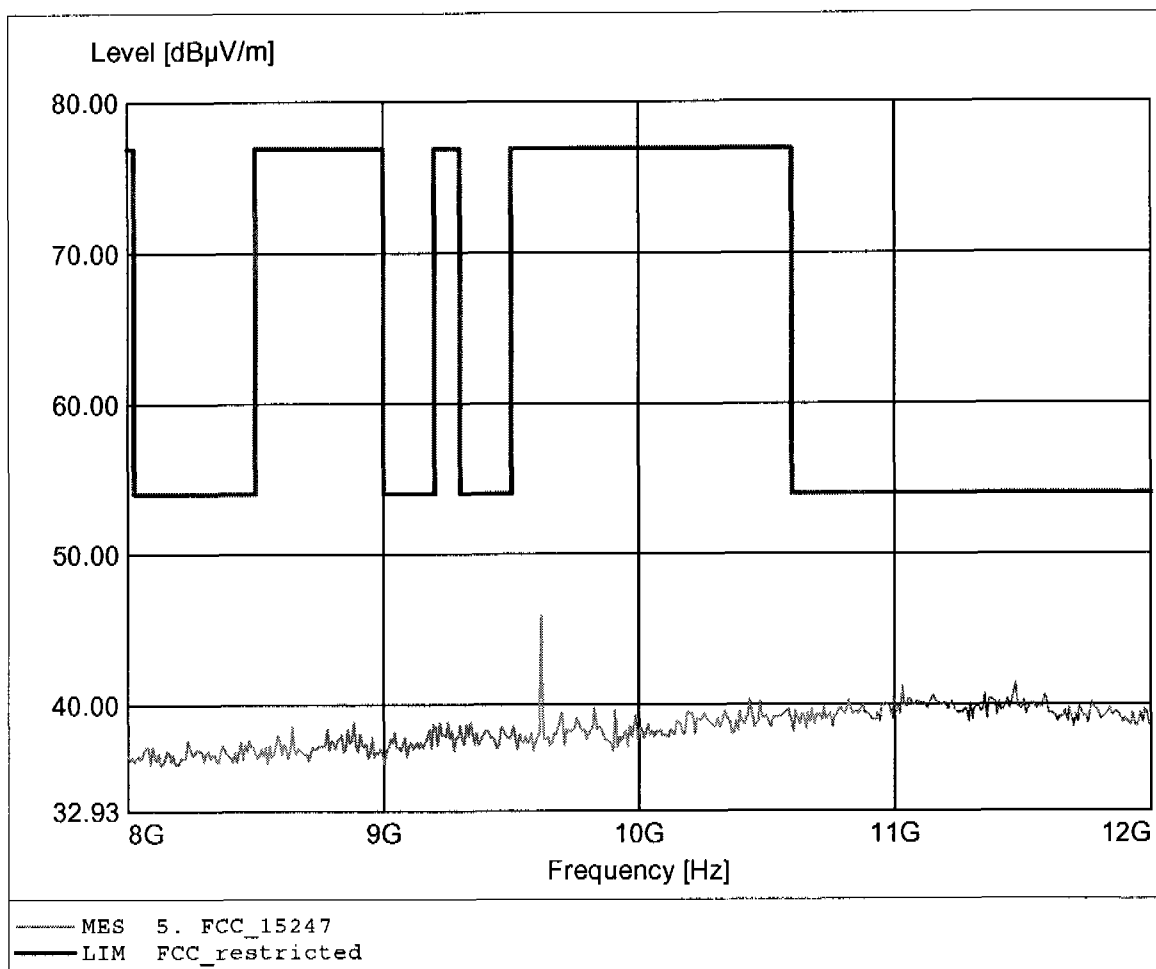
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.810GHz, Emax: 38.80dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

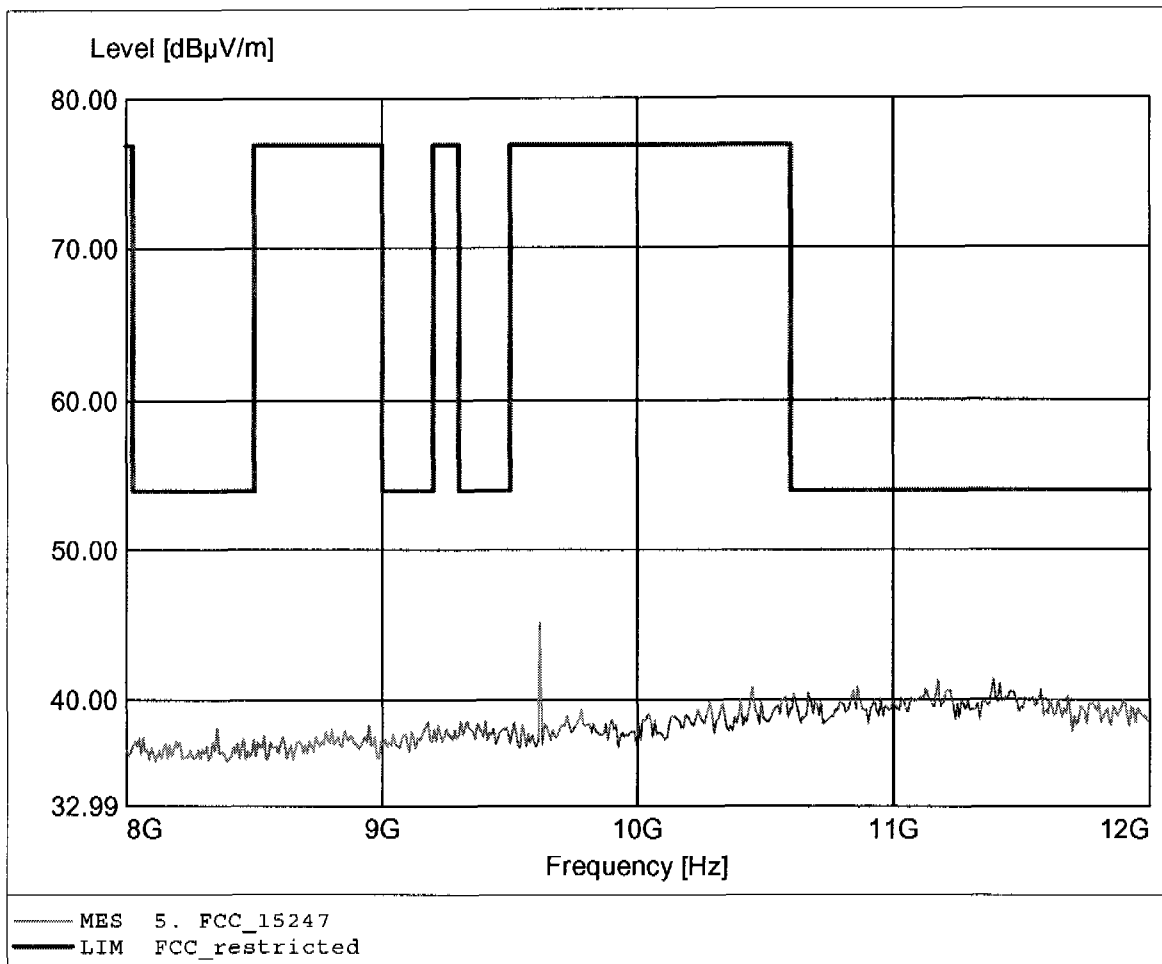
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.619GHz, Emax: 45.91dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

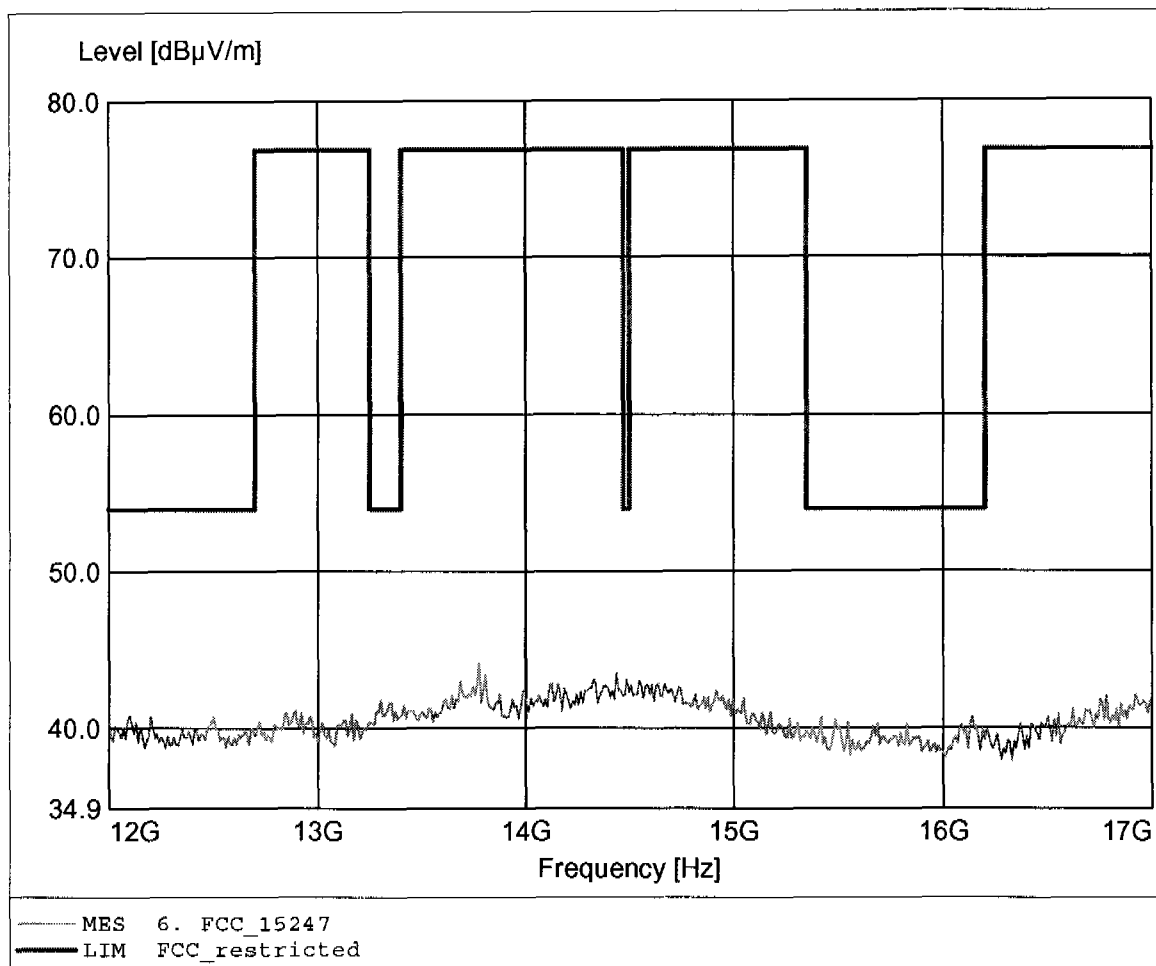
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.619GHz, Emax: 45.15dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

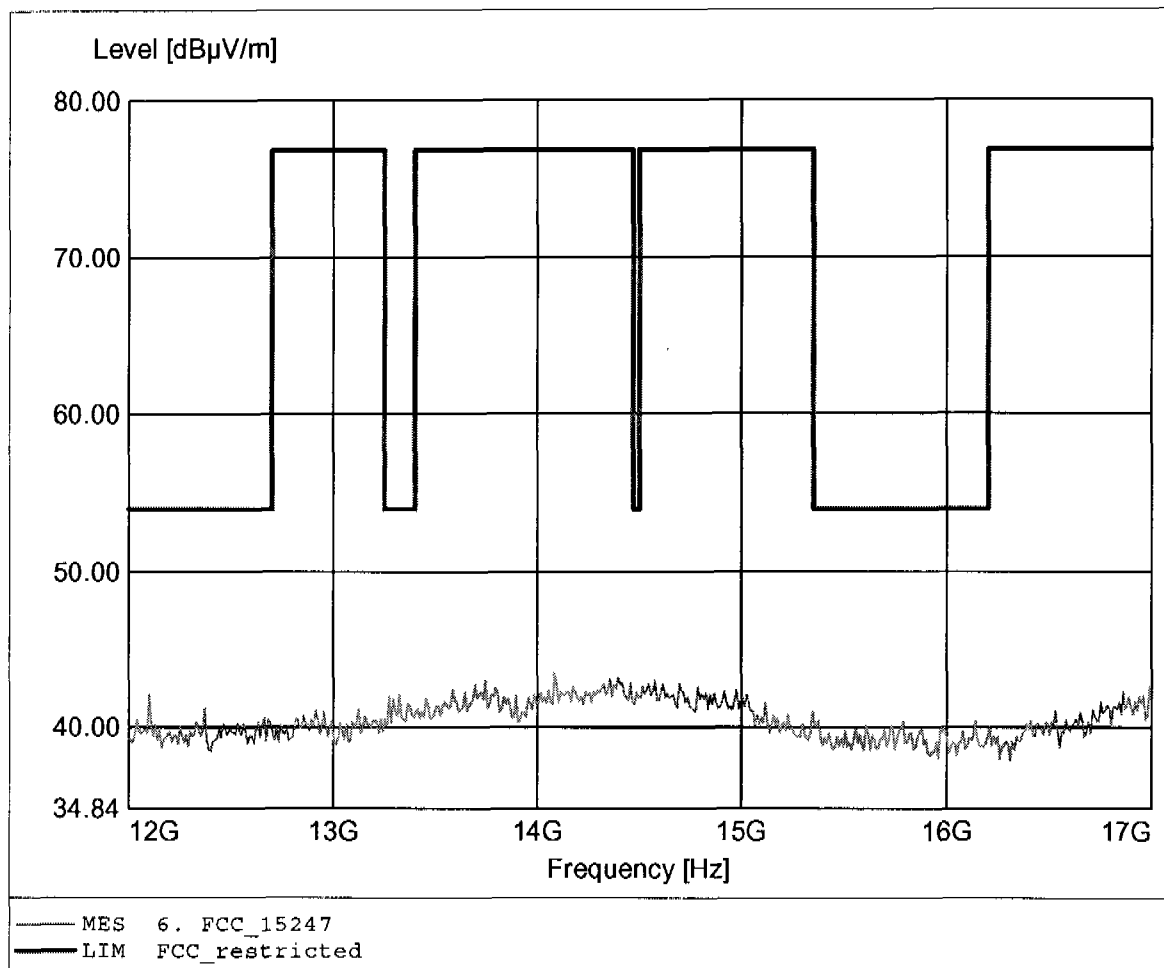
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 13.774GHz, Emax: 44.12dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

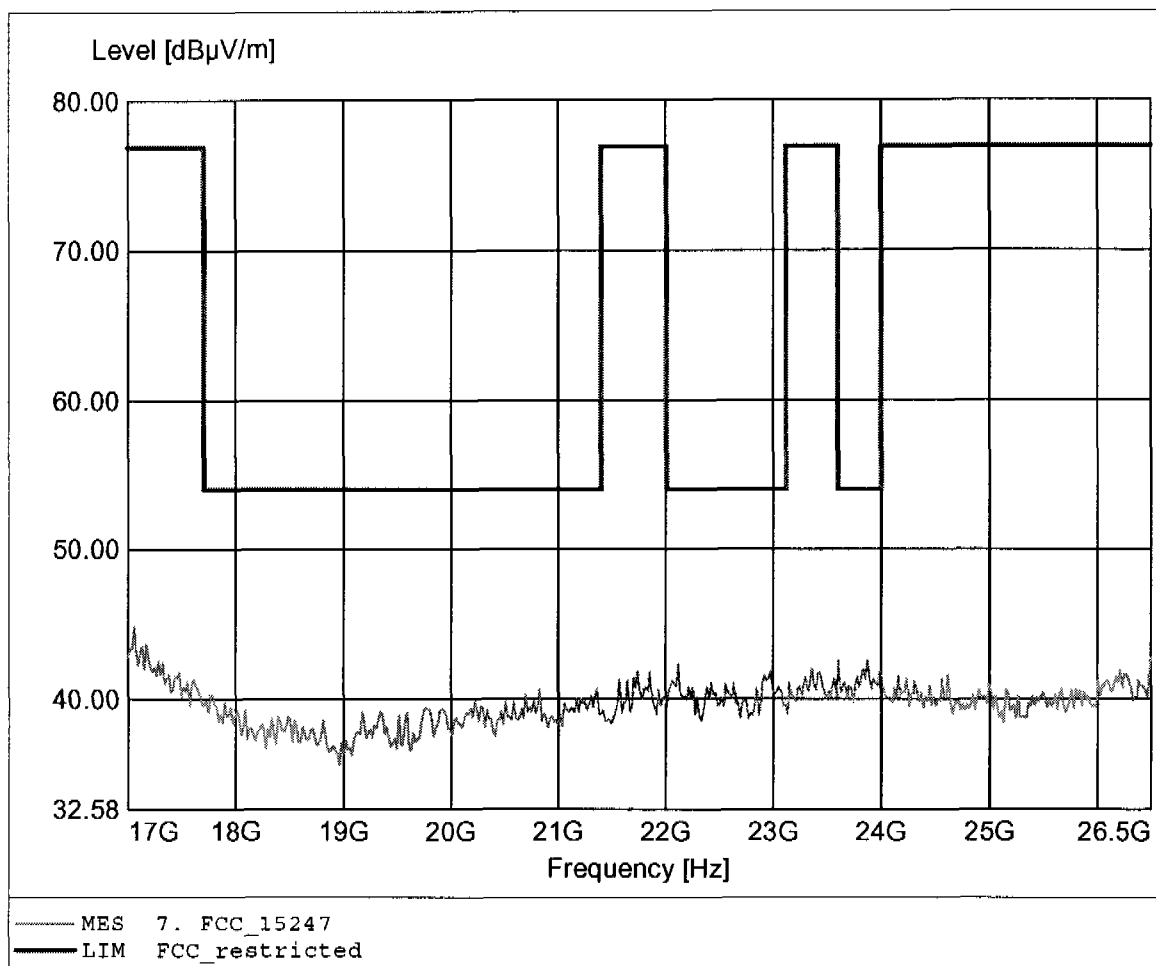
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.084GHz, Emax: 43.45dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

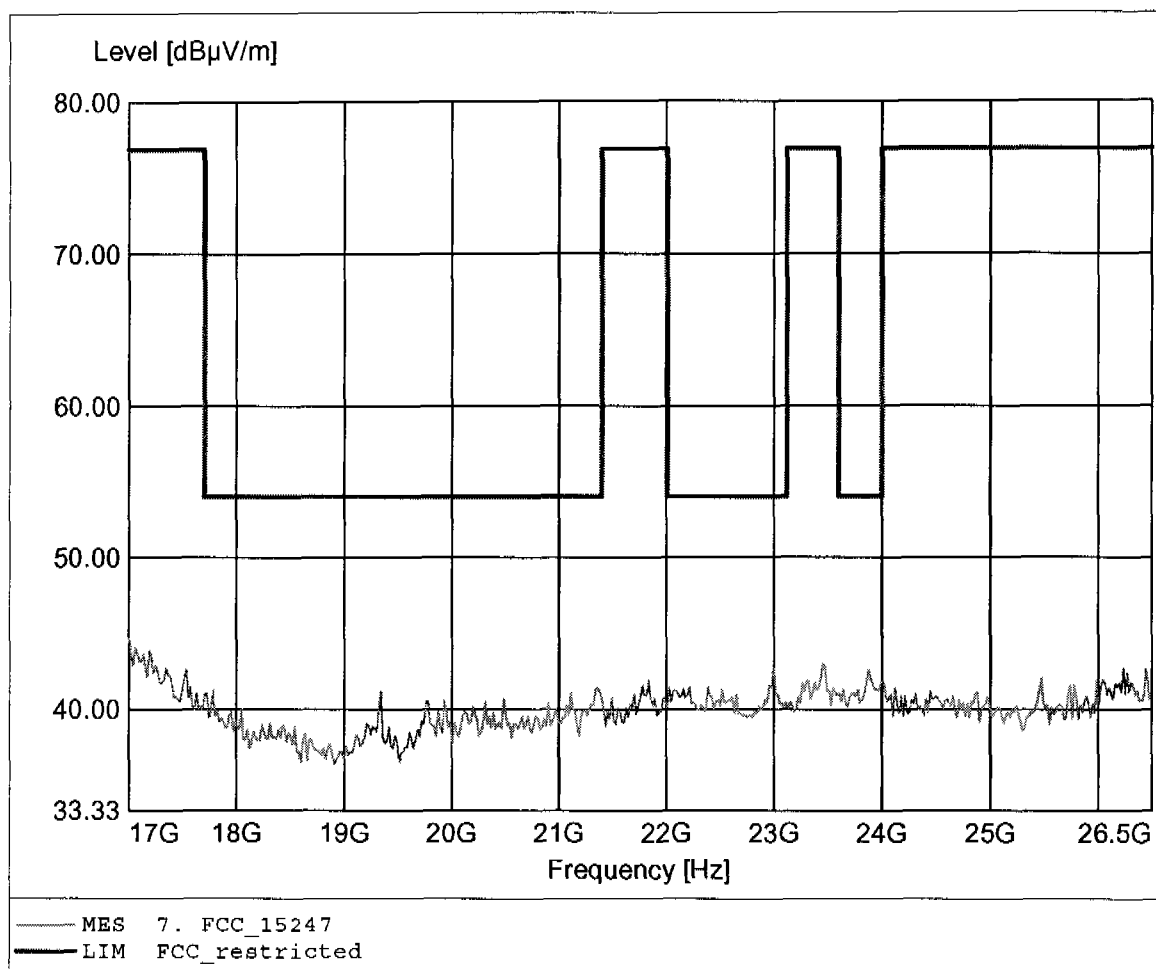
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.057GHz, Emax: 44.88dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

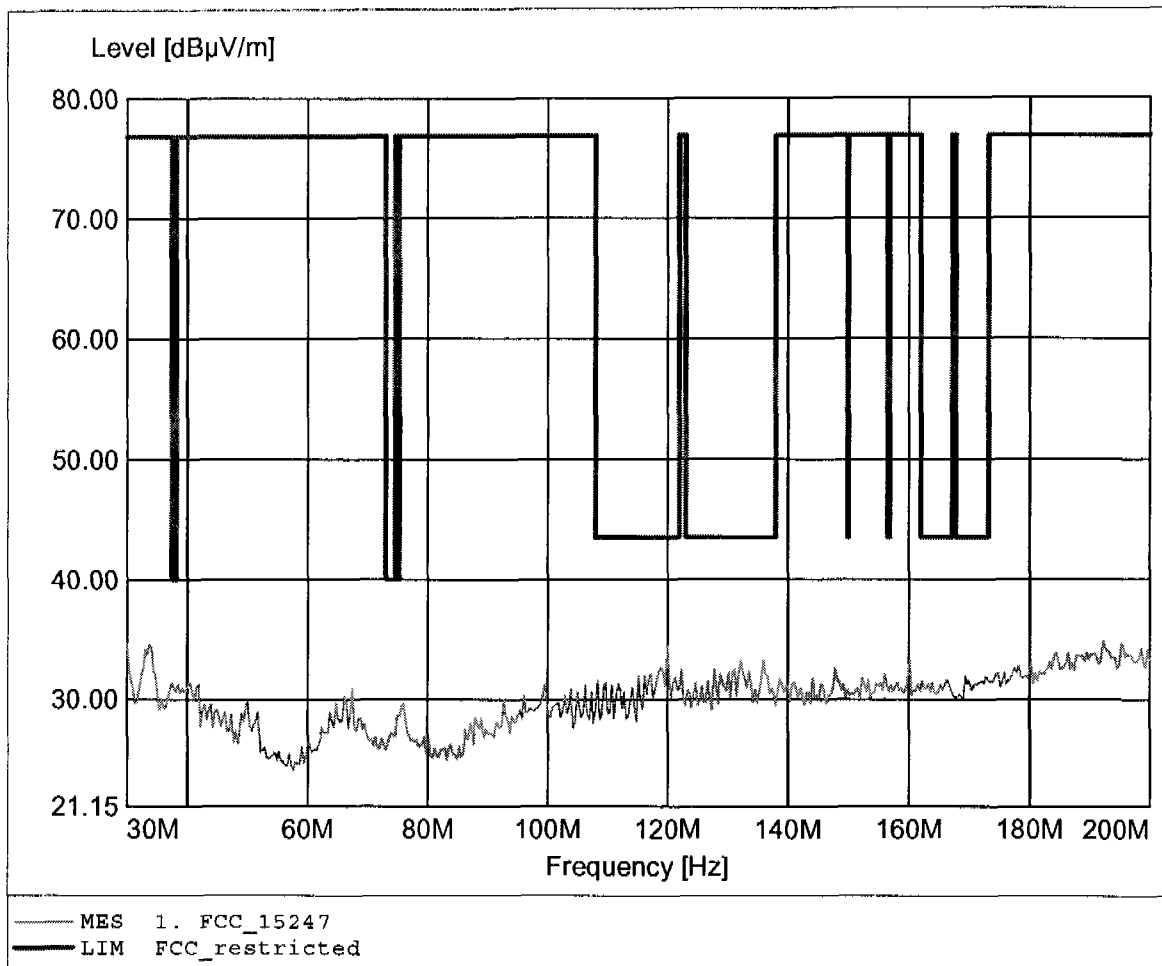
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2405 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 44.69dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

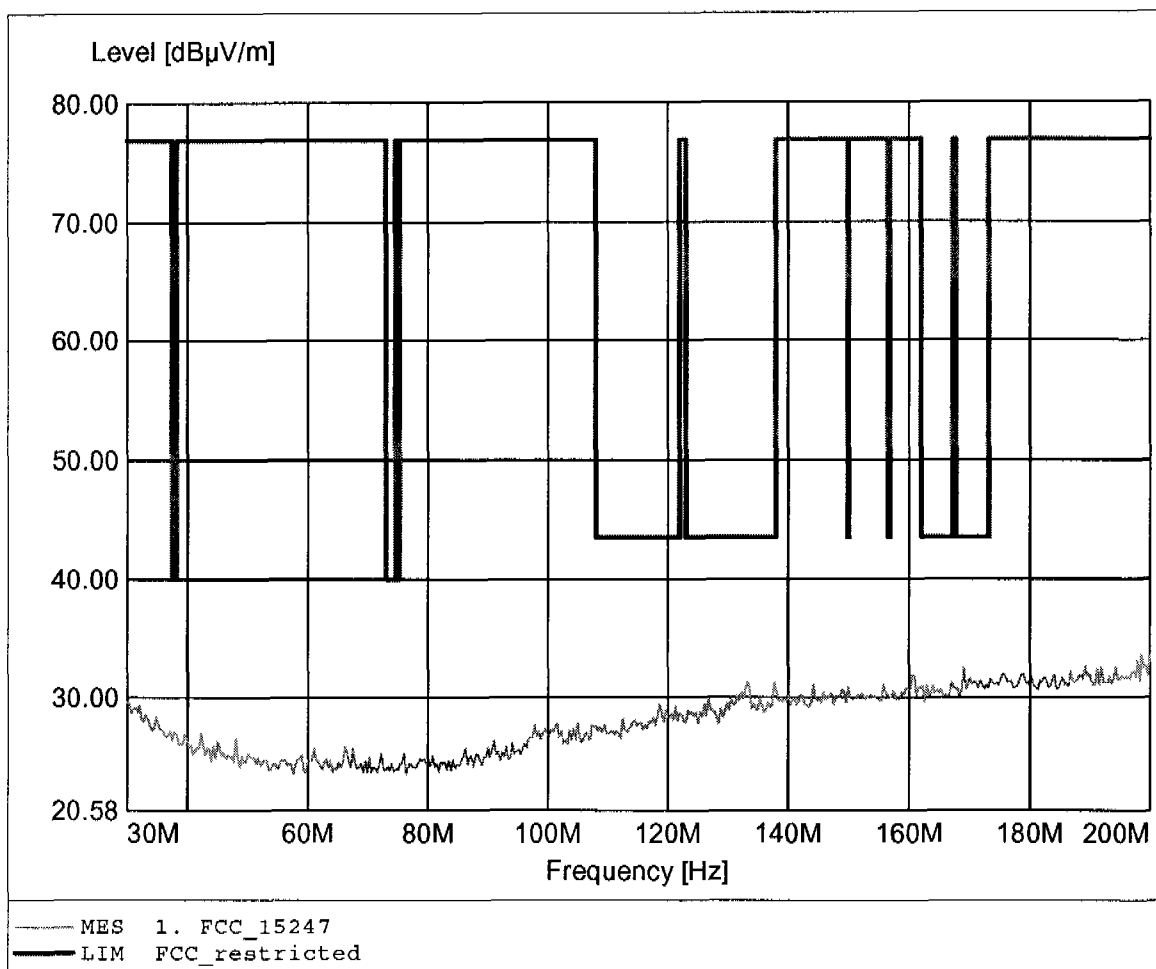
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 34.84dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

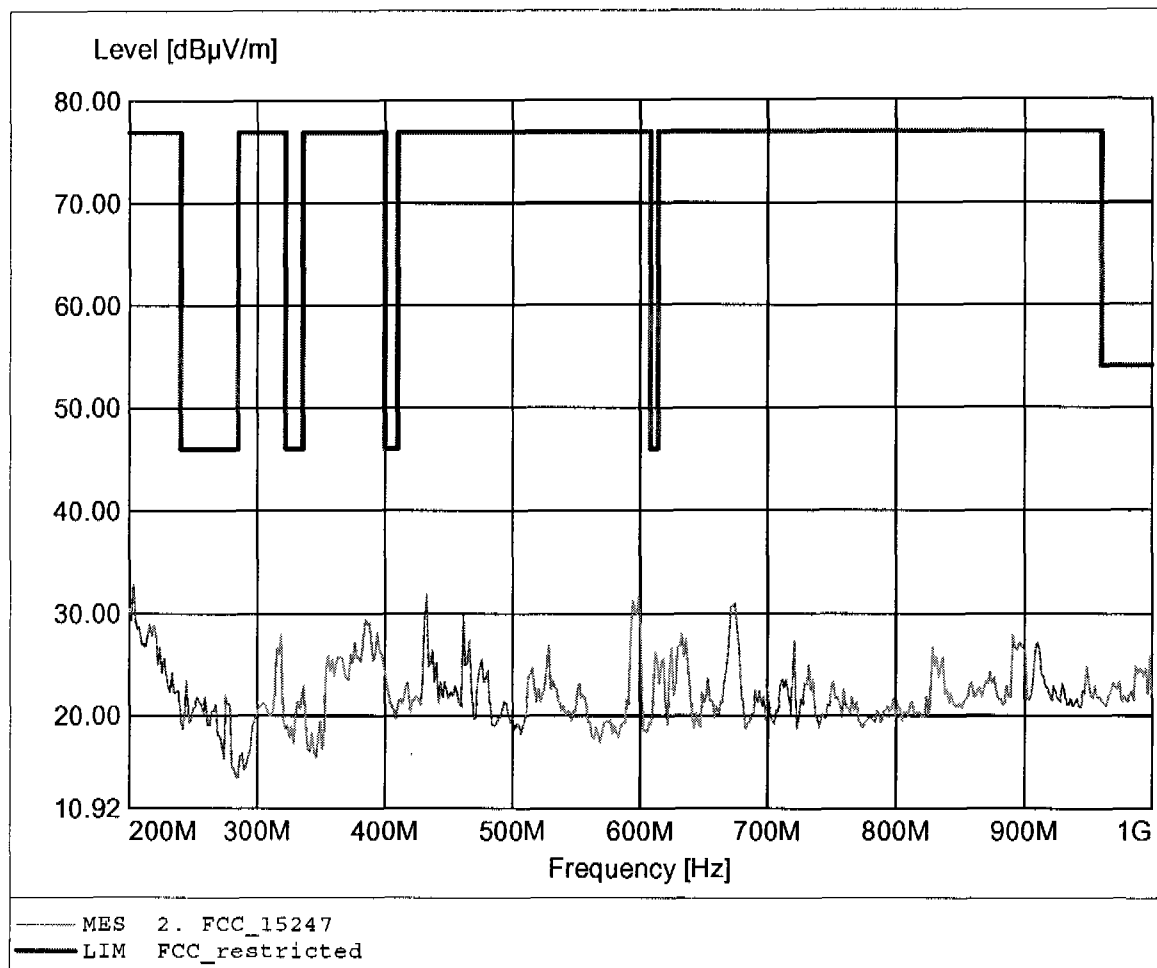
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.637MHz, Emax: 33.66dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

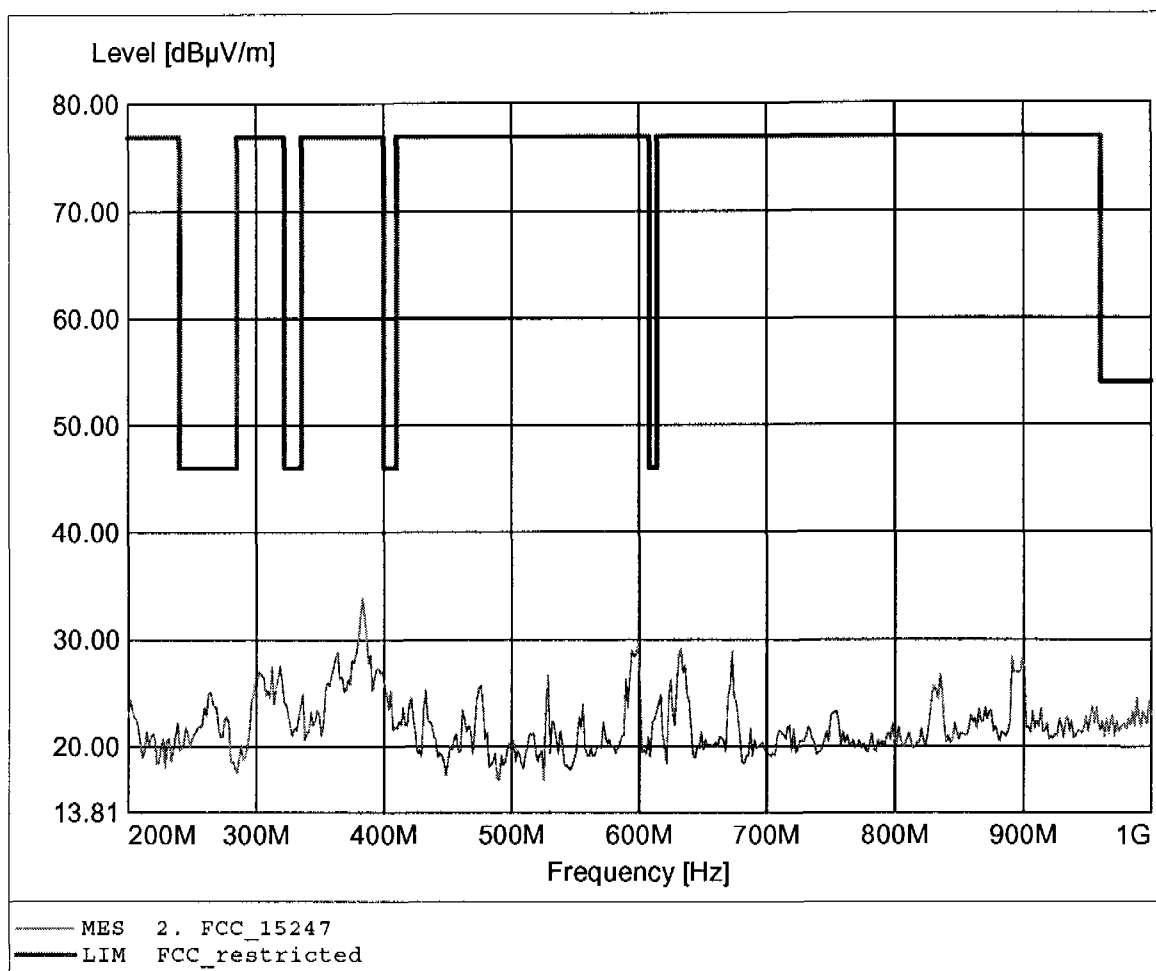
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 203.206MHz, Emax: 32.99dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

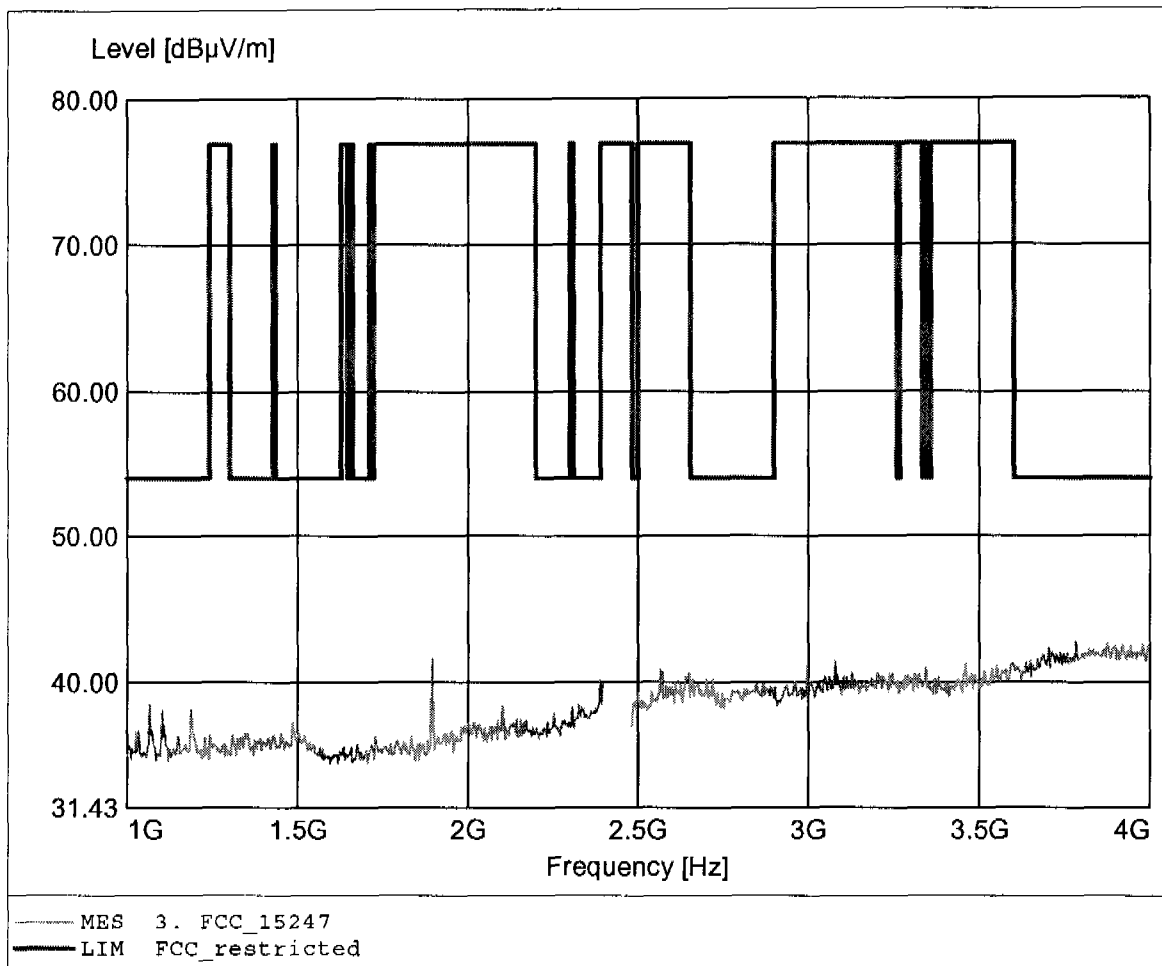
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 382.766MHz, Emax: 33.87dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

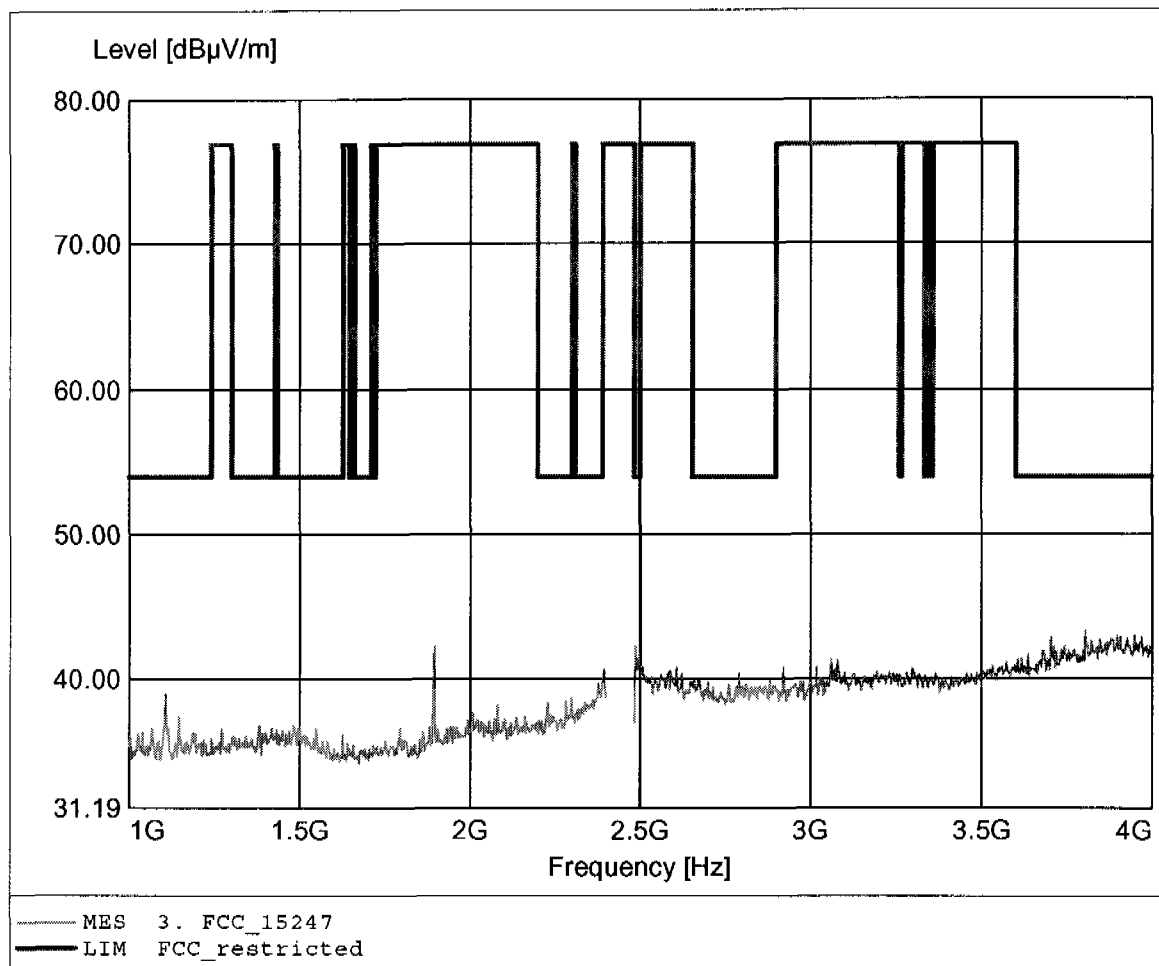
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.781GHz, Emax: 42.76dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

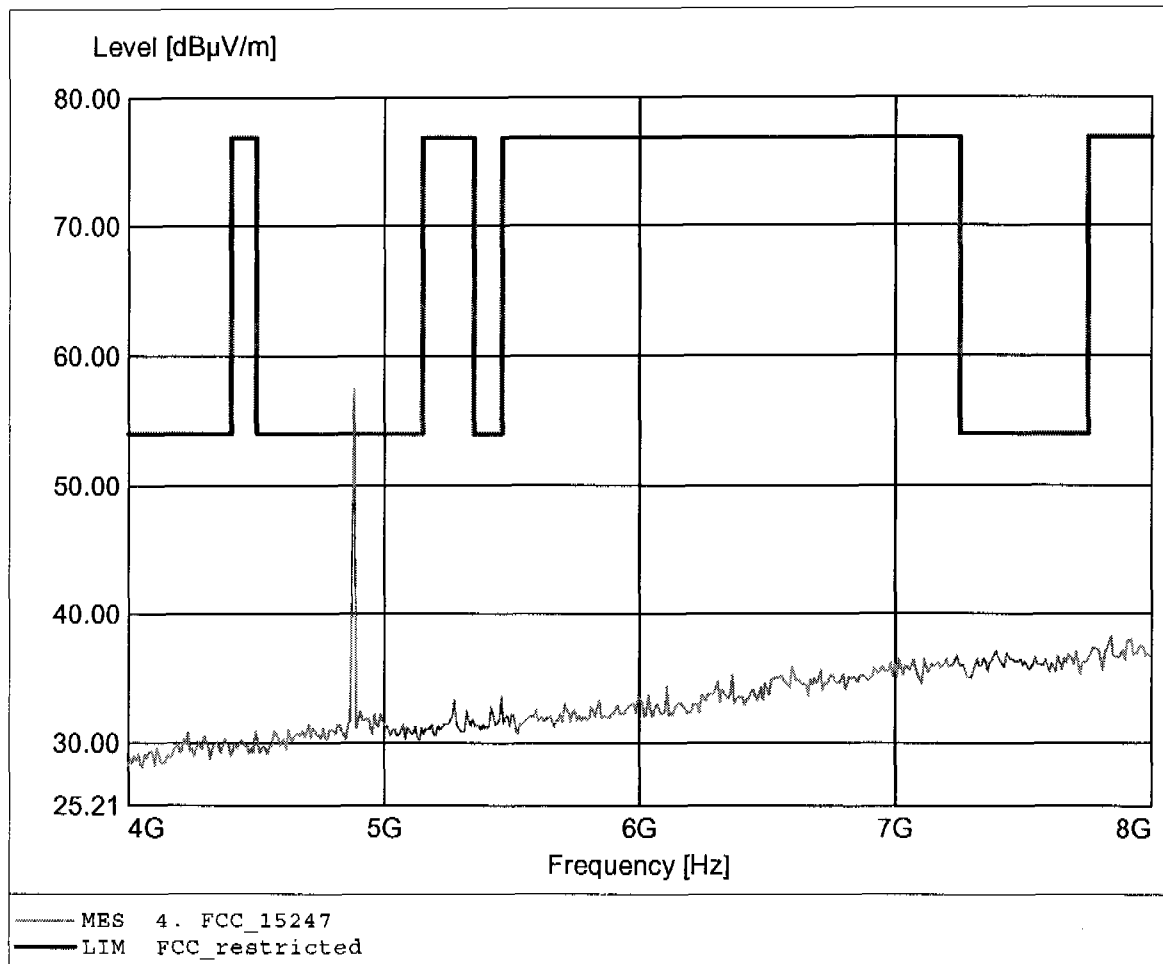
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.802GHz, Emax: 43.31dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

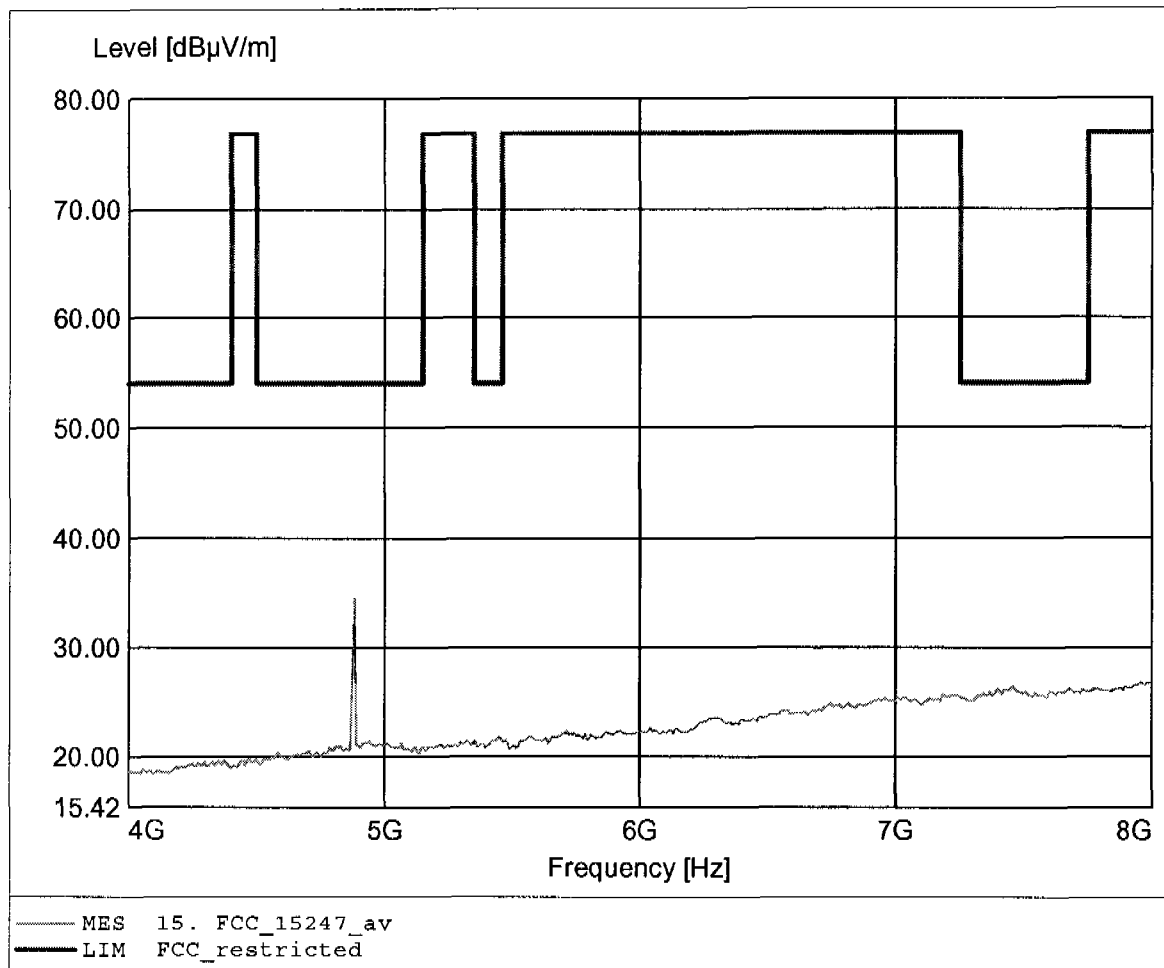
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 57.43dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

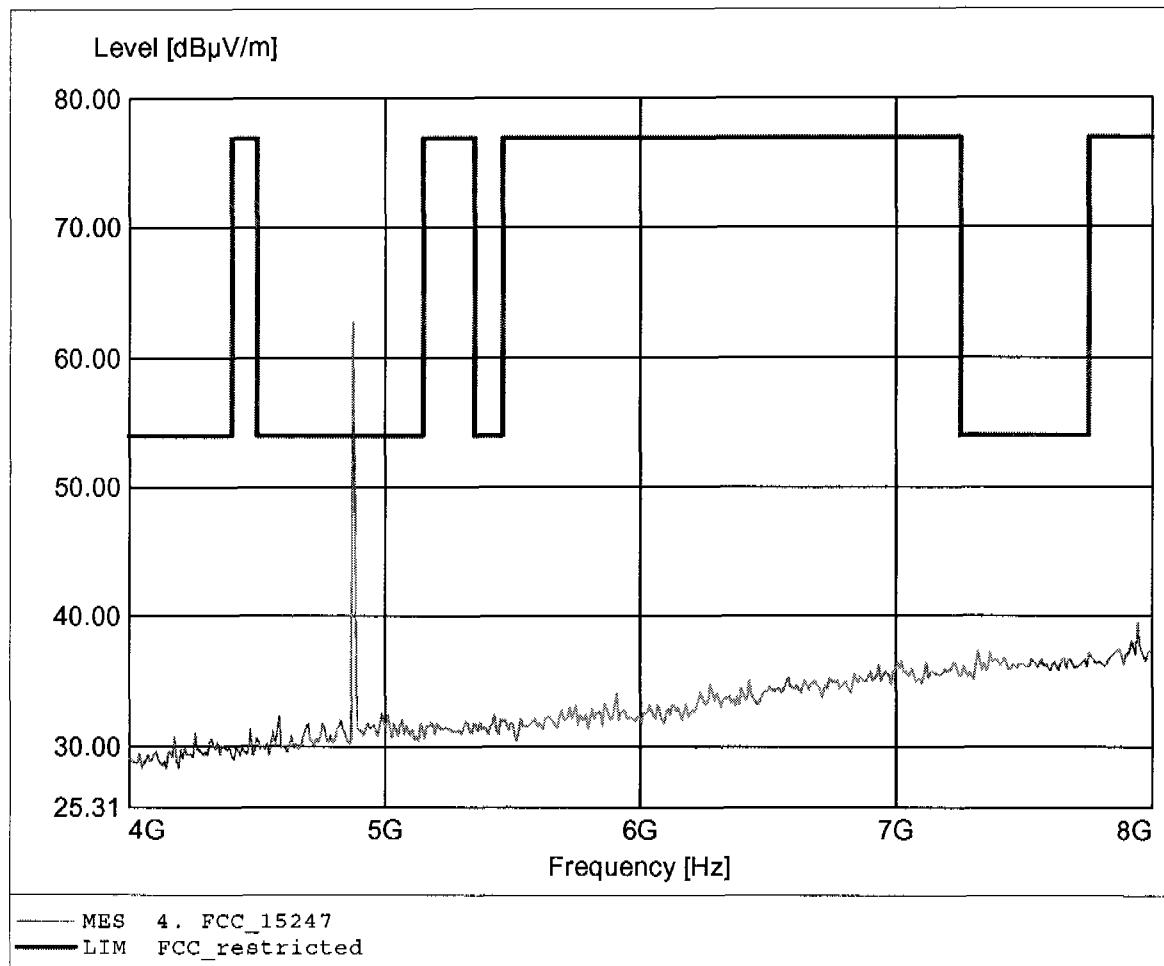
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 34.54dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

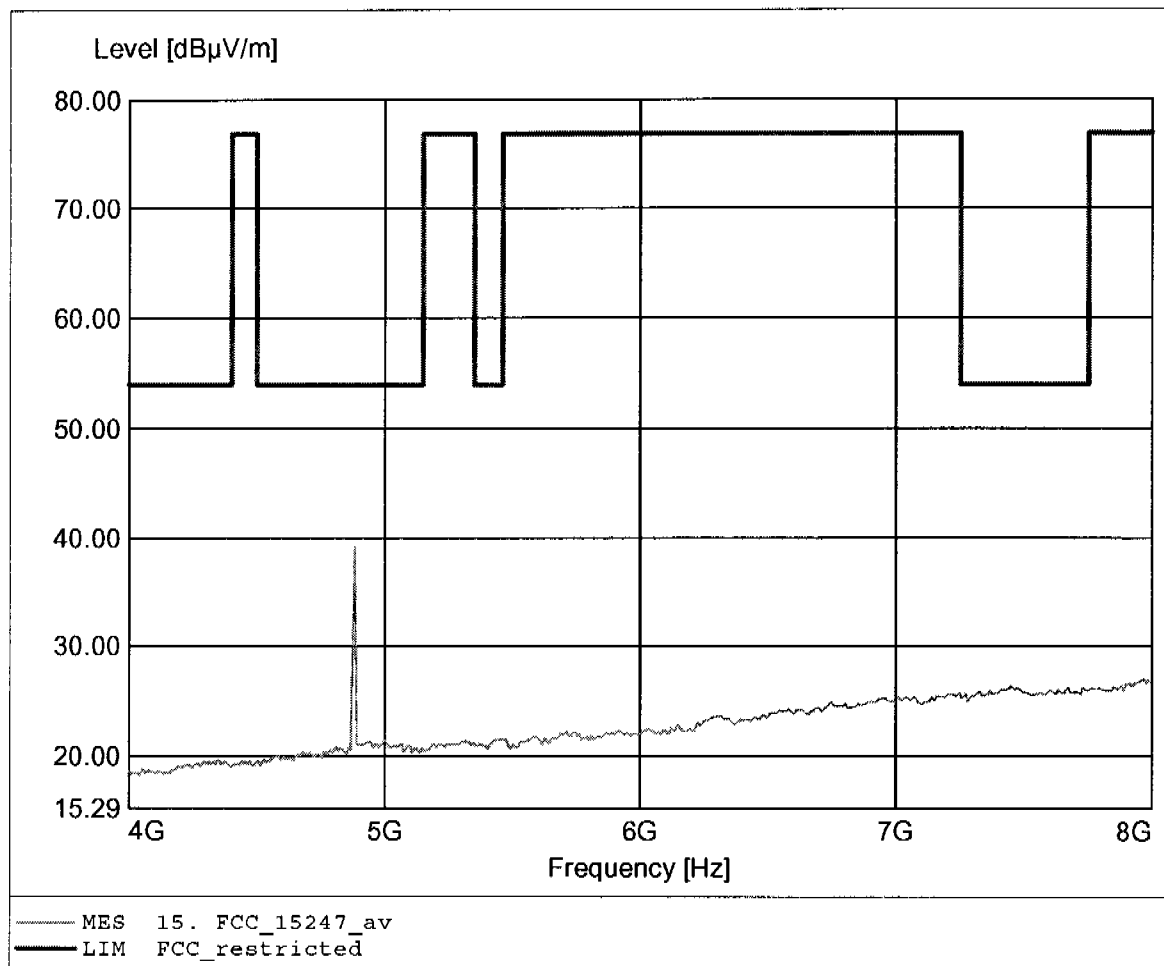
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.874GHz, Emax: 62.69dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

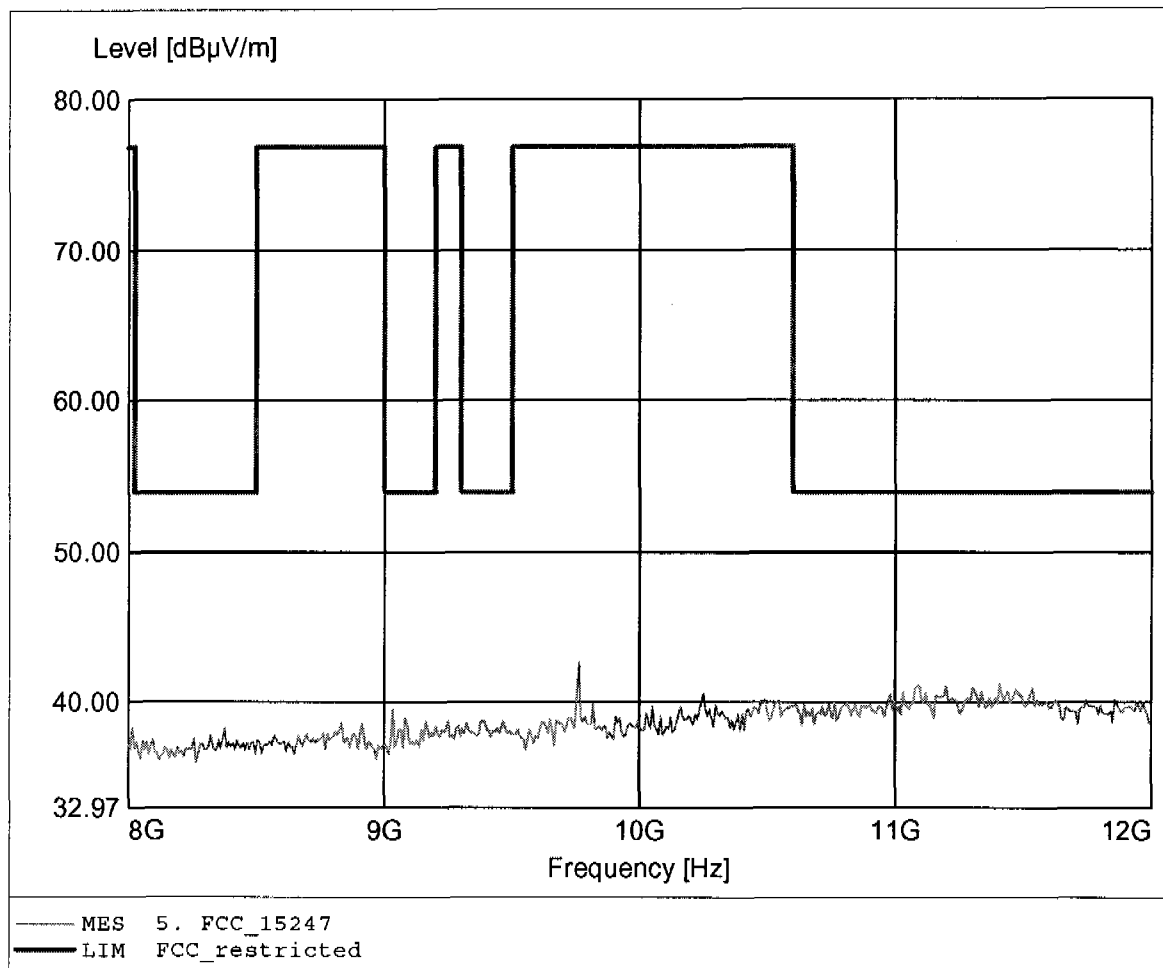
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 39.12dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

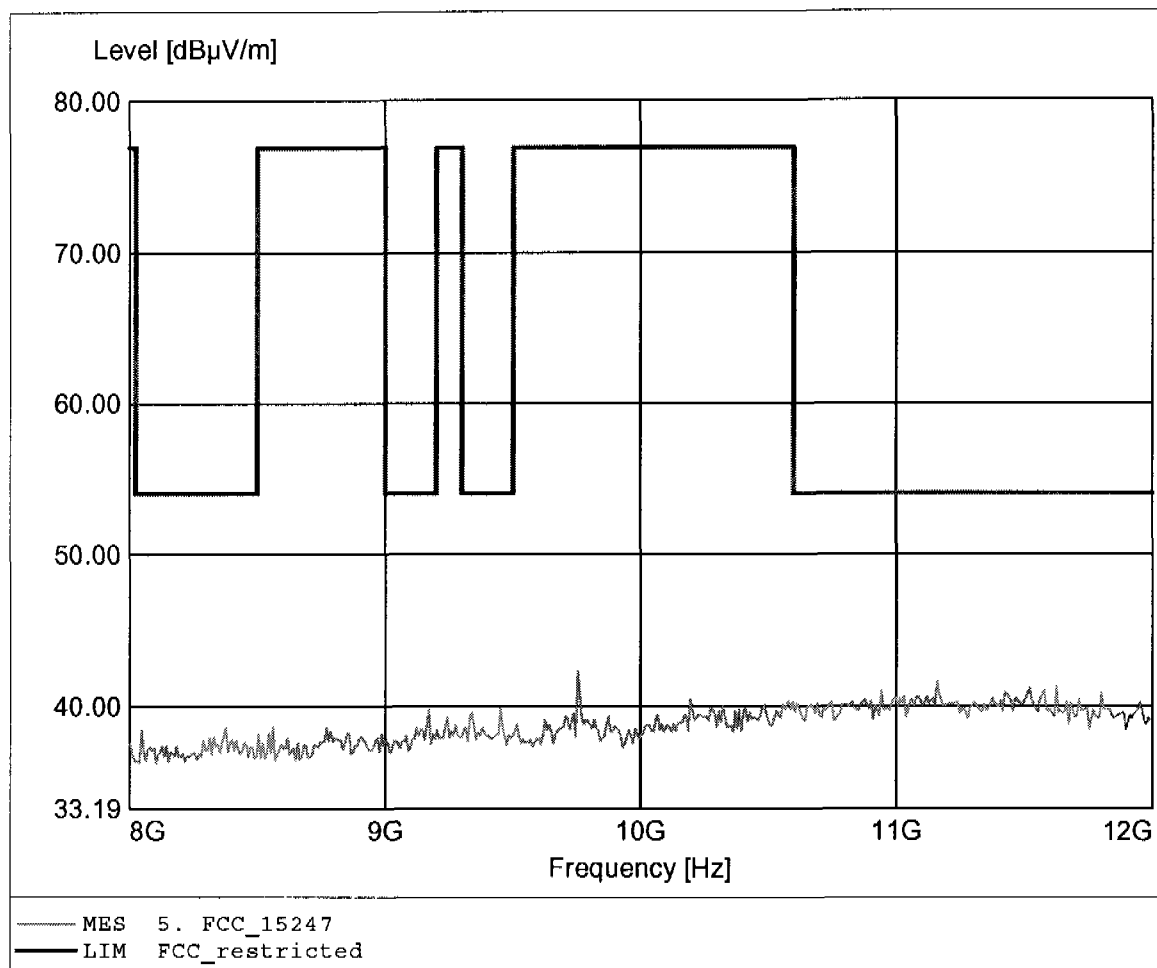
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.764GHz, Emax: 42.64dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

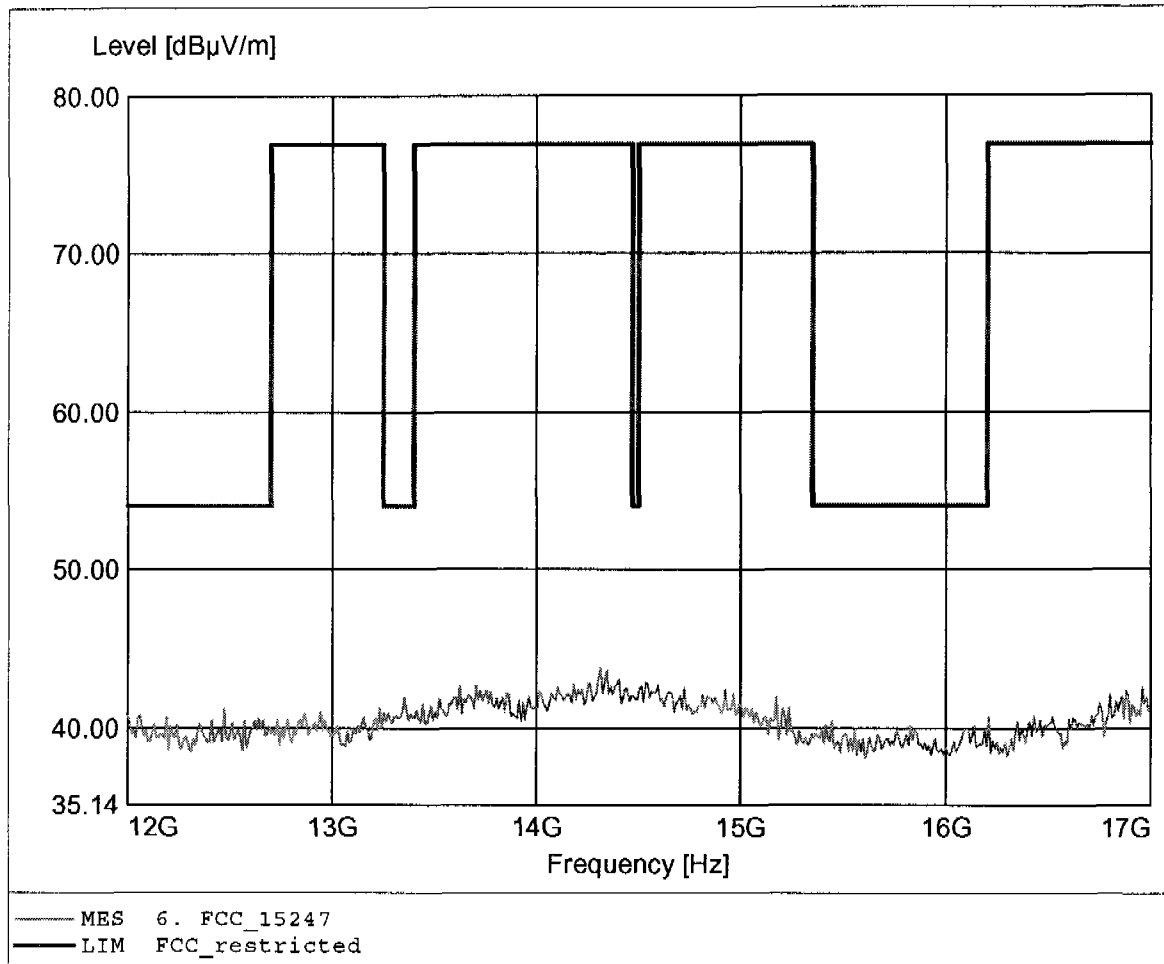
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.756GHz, Emax: 42.32dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

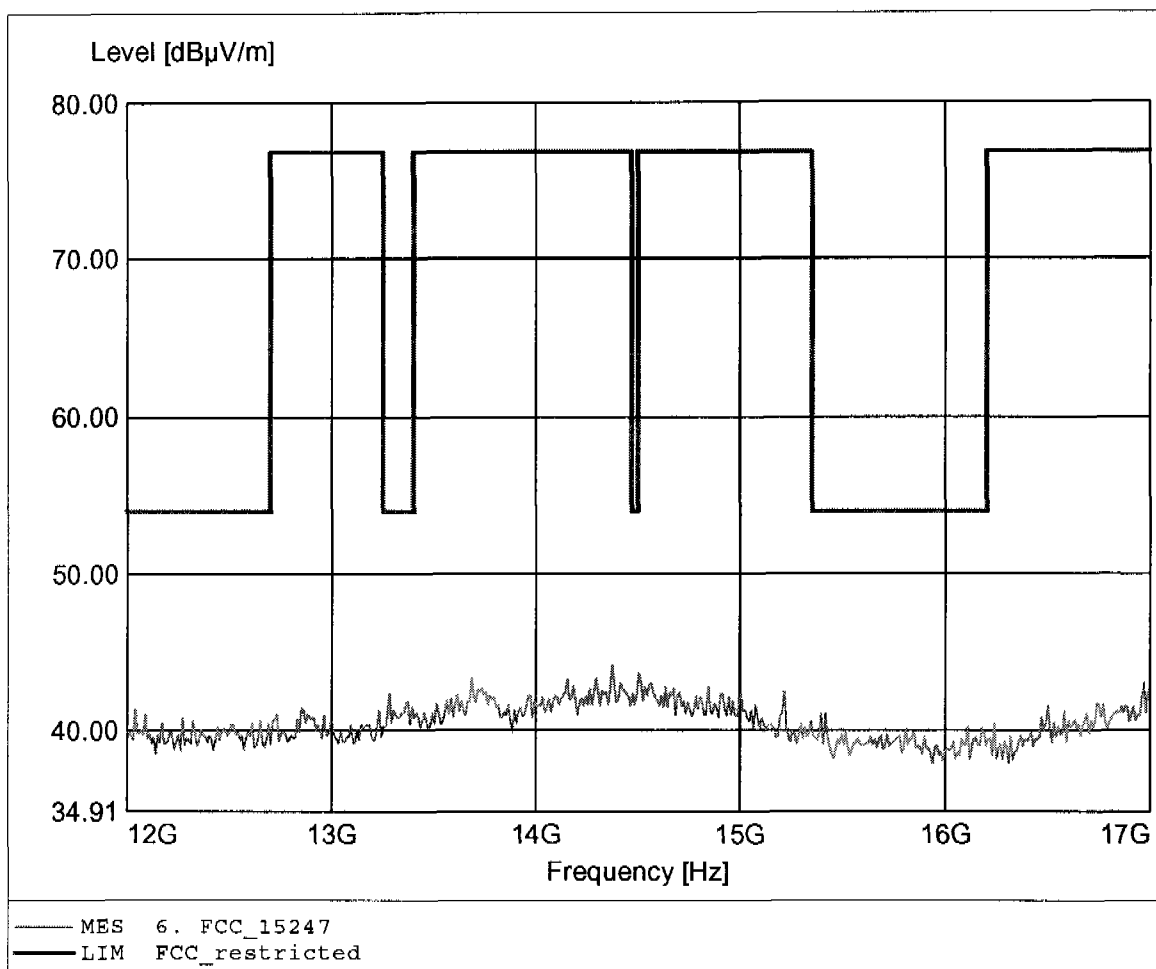
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.315GHz, Emax: 43.83dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

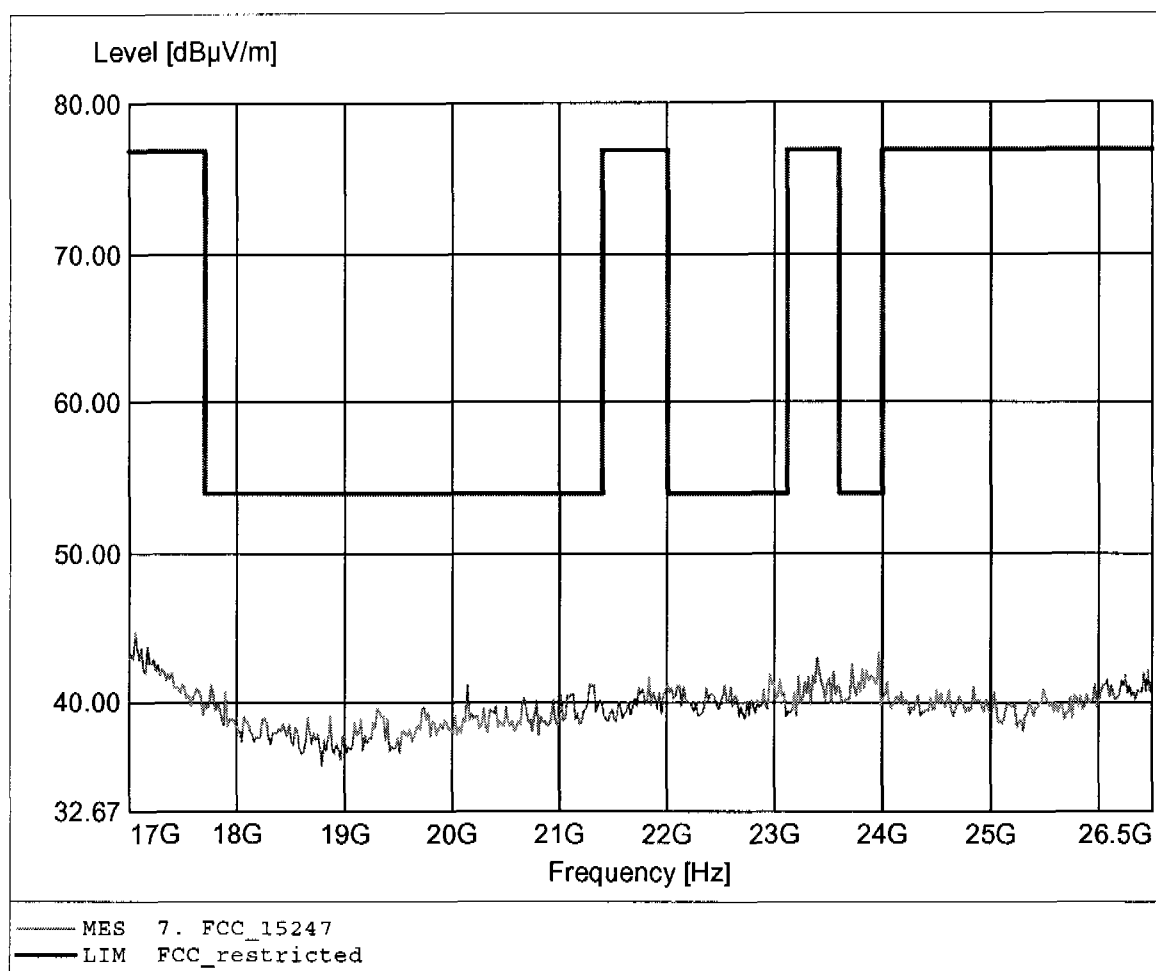
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.375GHz, Emax: 44.14dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

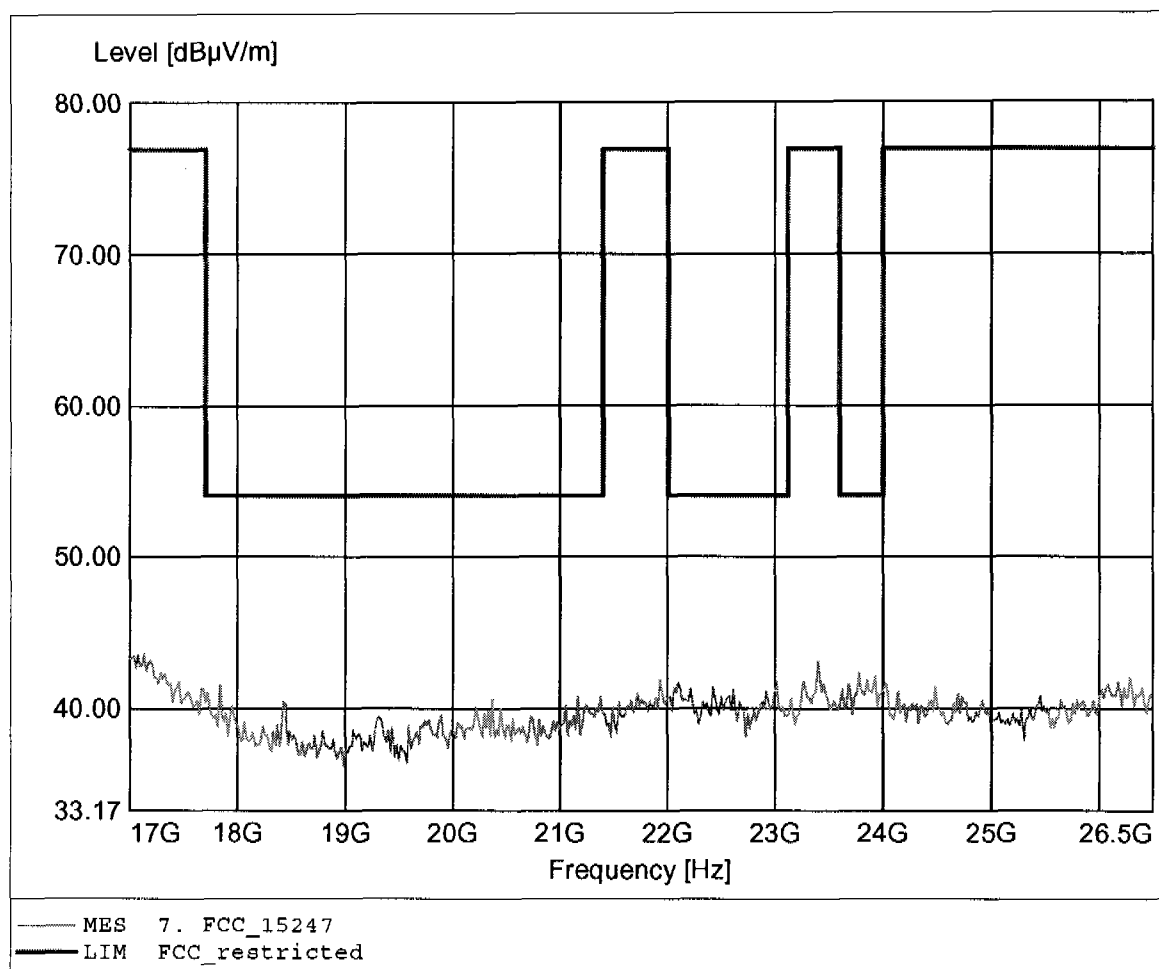
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.057GHz, Emax: 44.73dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

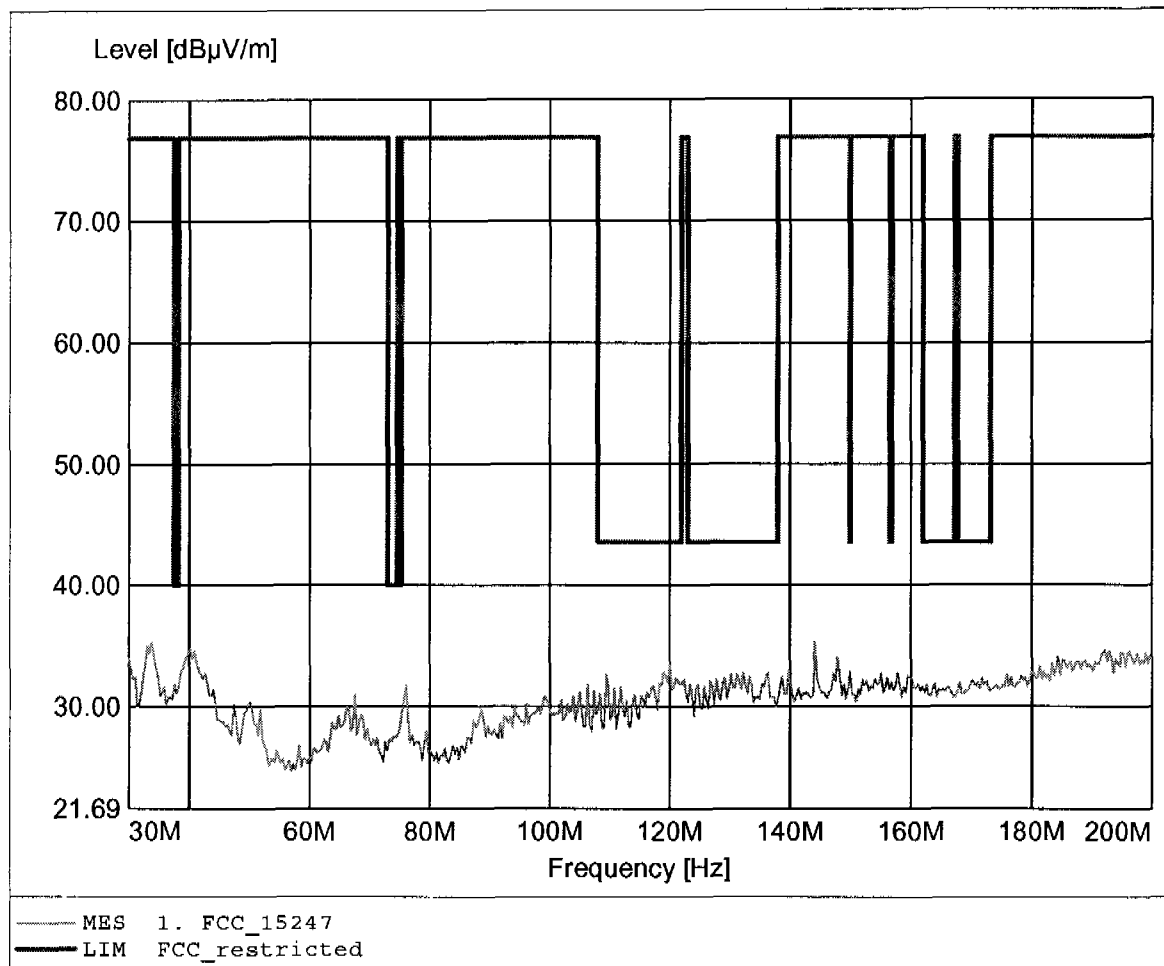
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2440 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.133GHz, Emax: 43.59dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

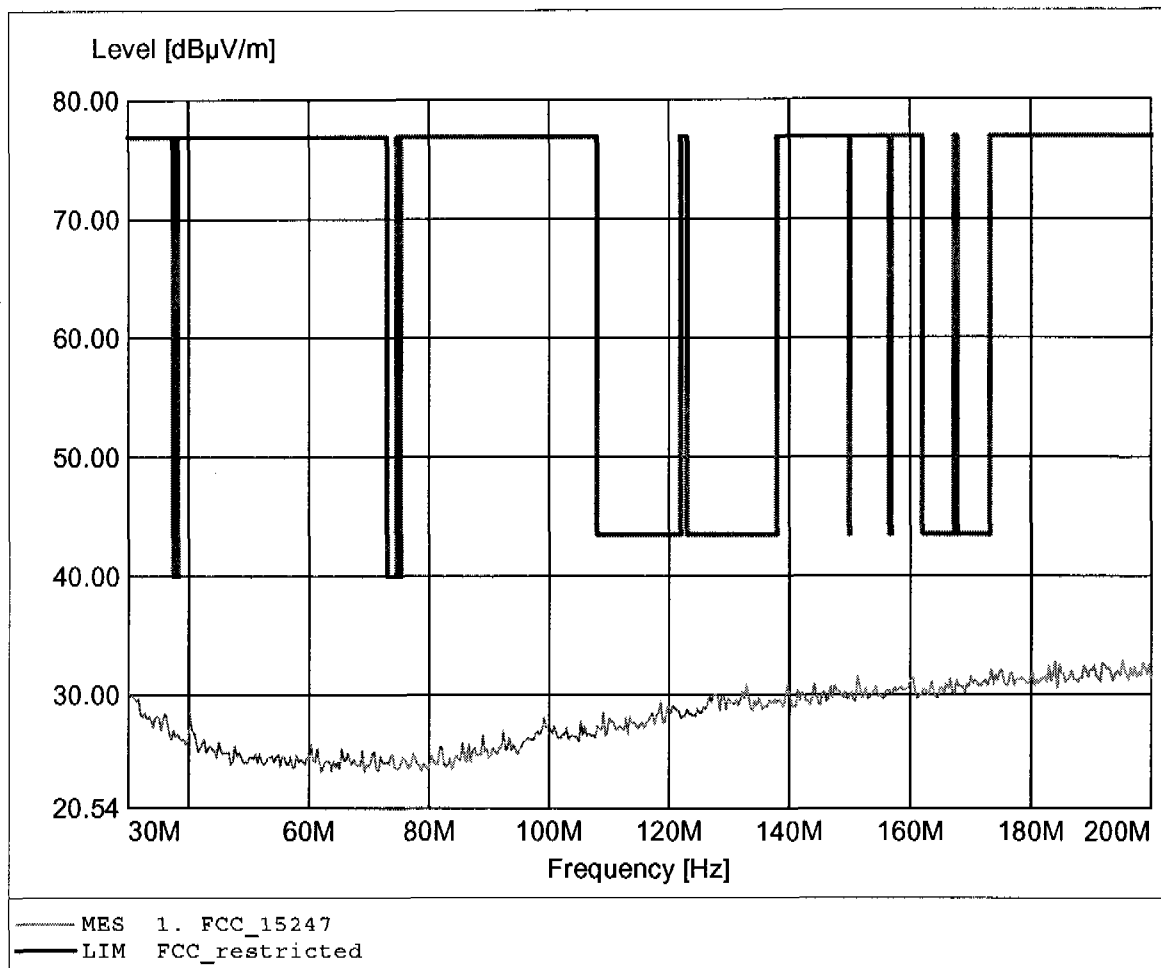
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 144.128MHz, Emax: 35.26dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

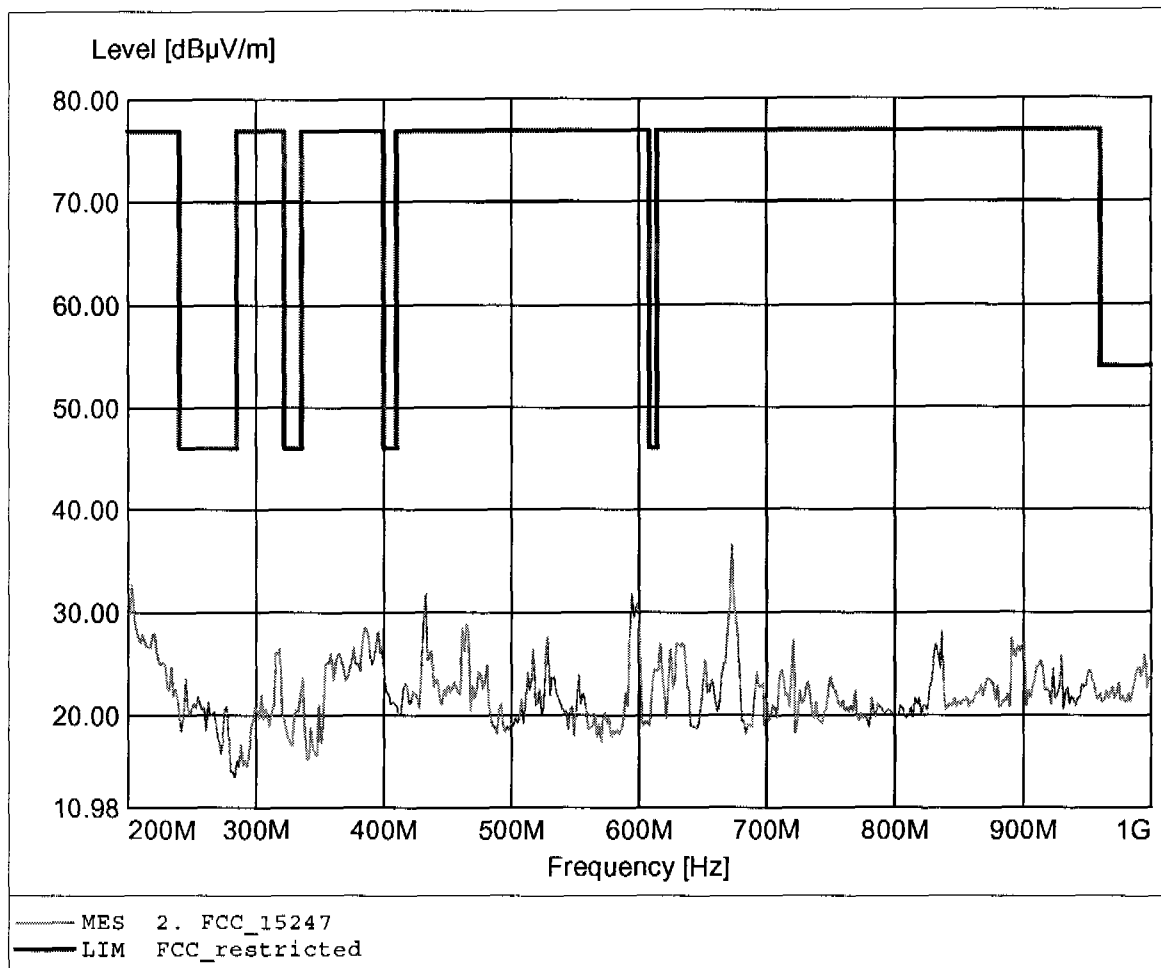
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 195.230MHz, Emax: 32.95dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

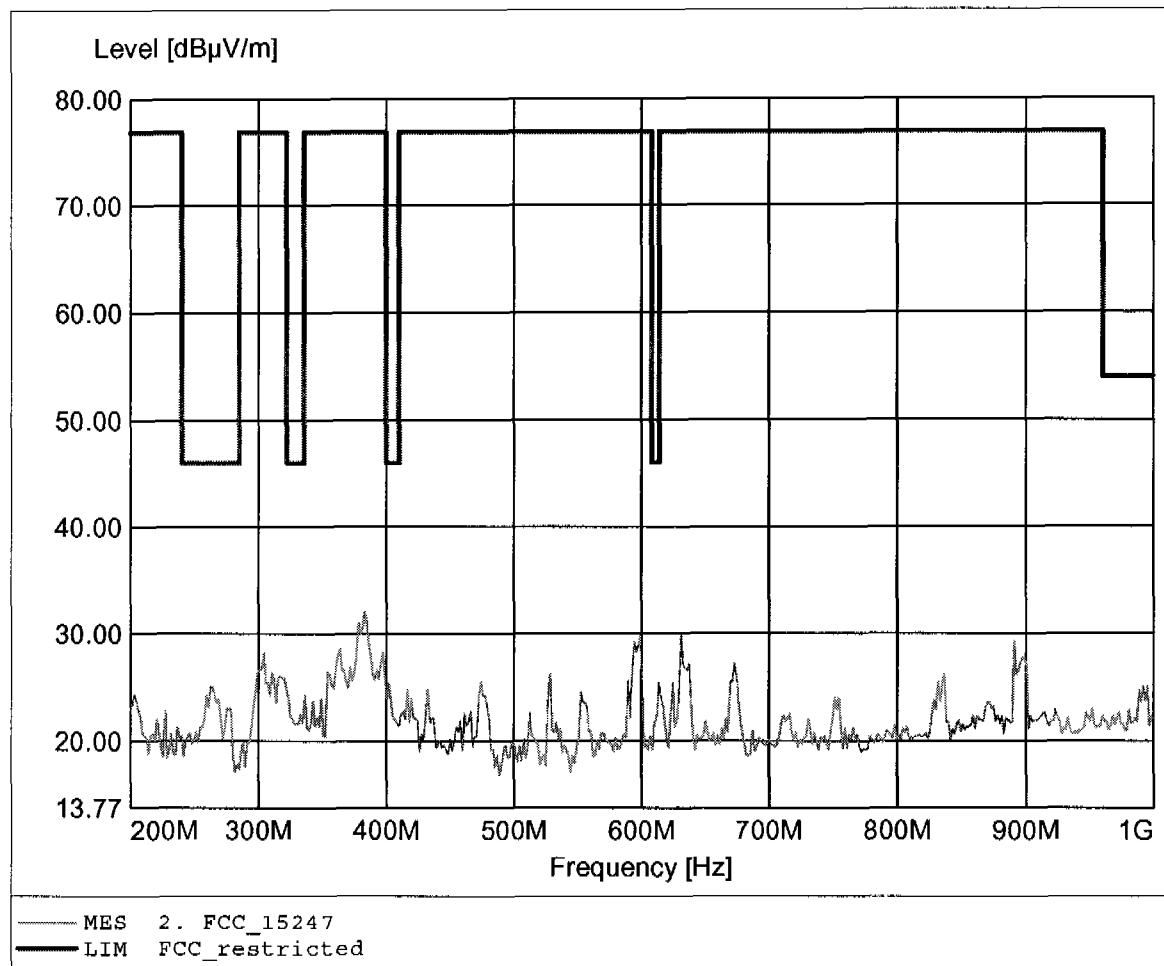
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 672.946MHz, Emax: 36.53dBuV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

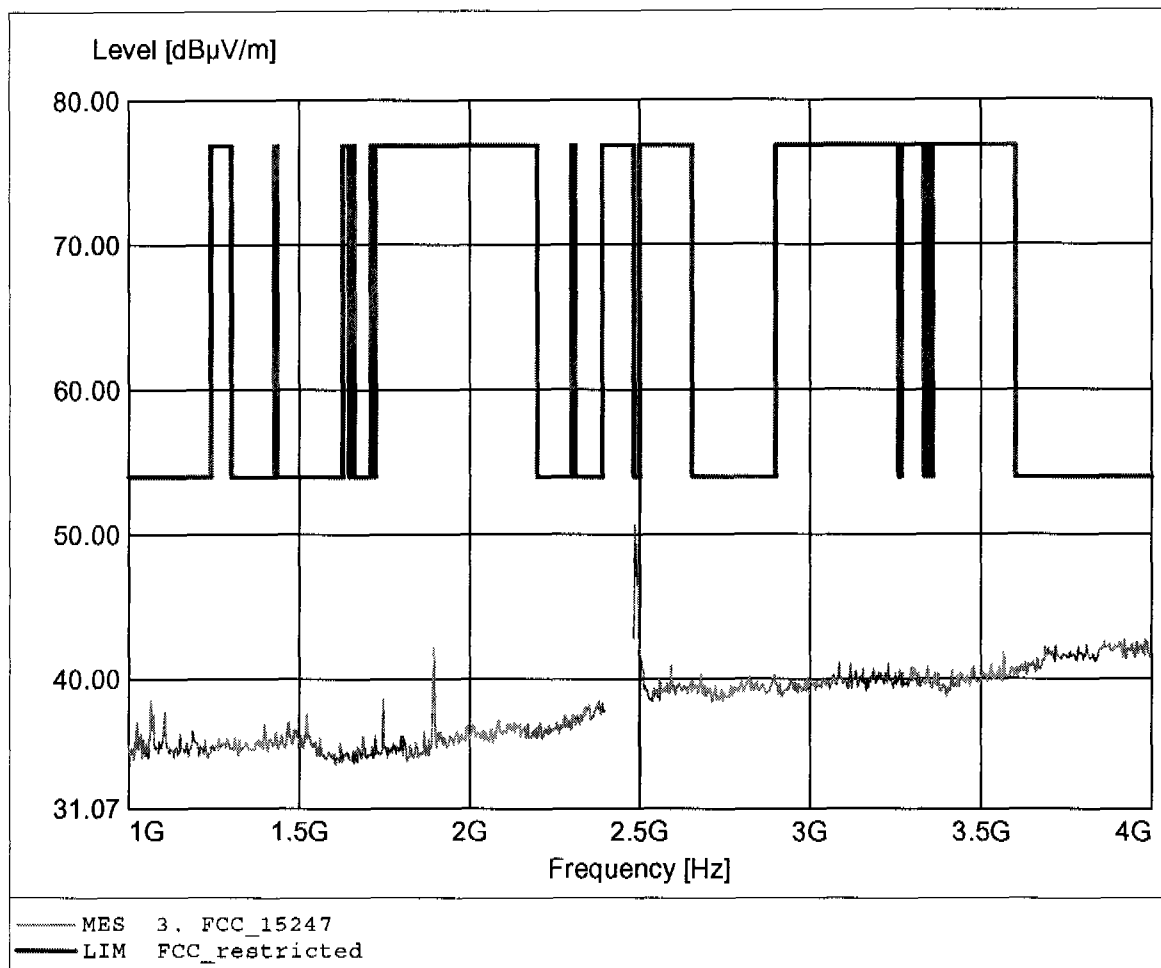
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 382.766MHz, Emax: 32.10dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

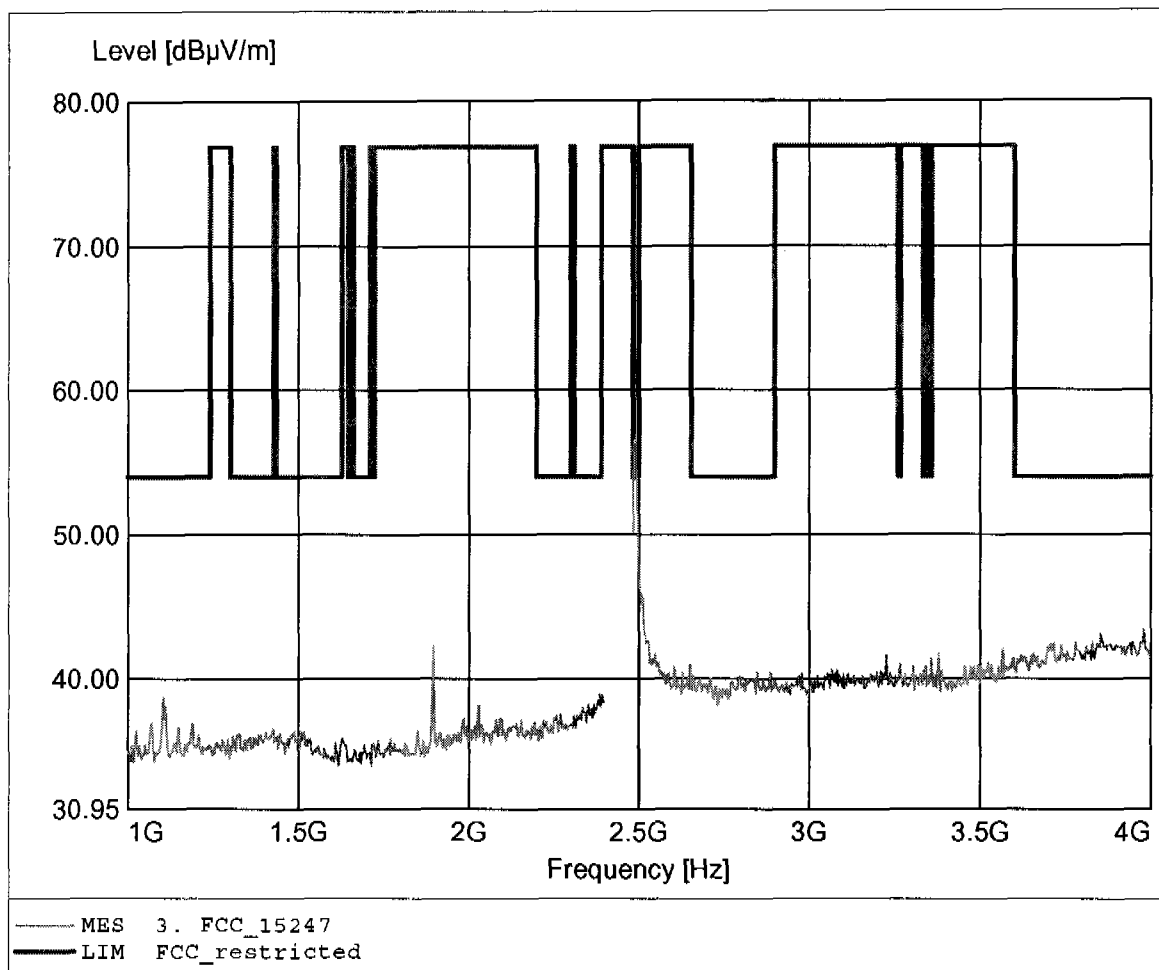
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 50.70dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

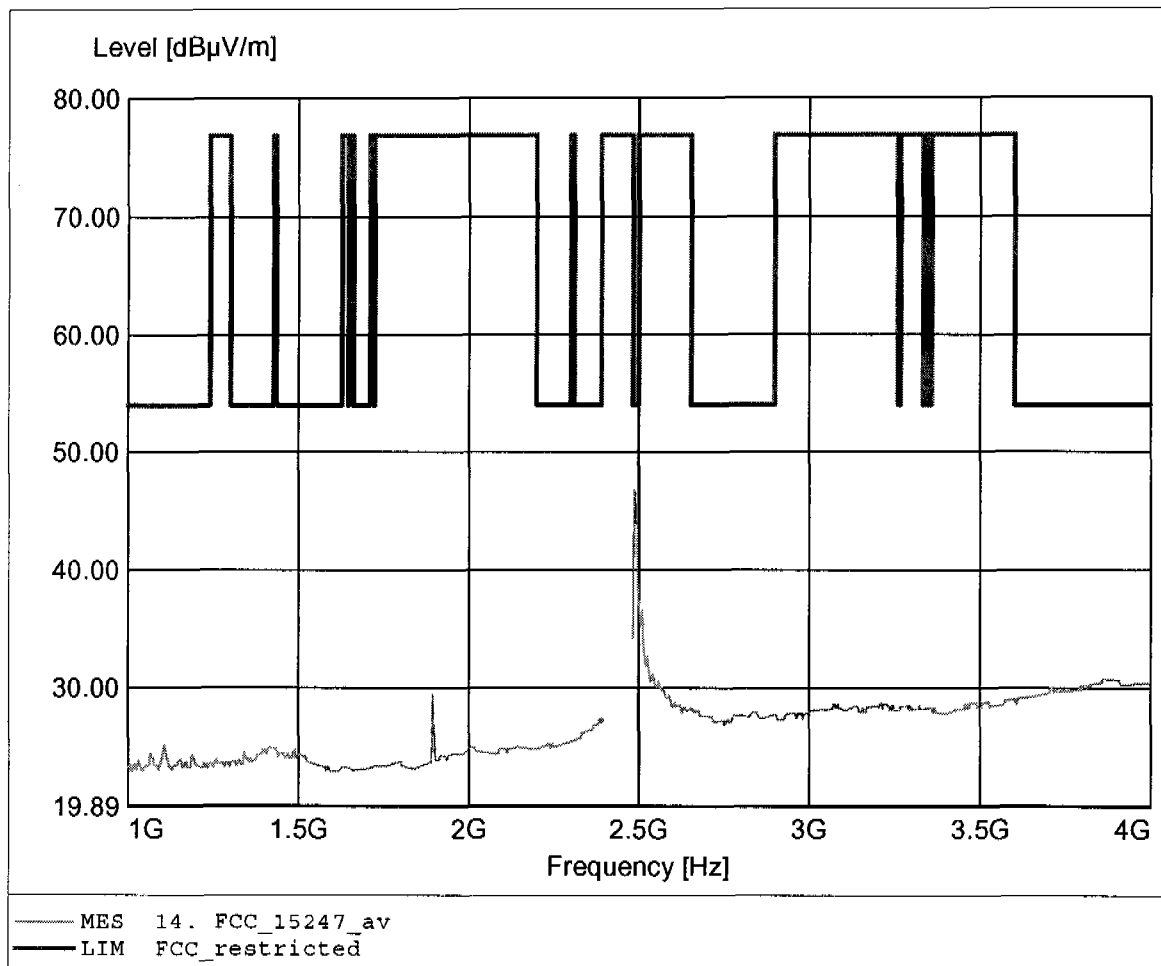
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 56.62dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

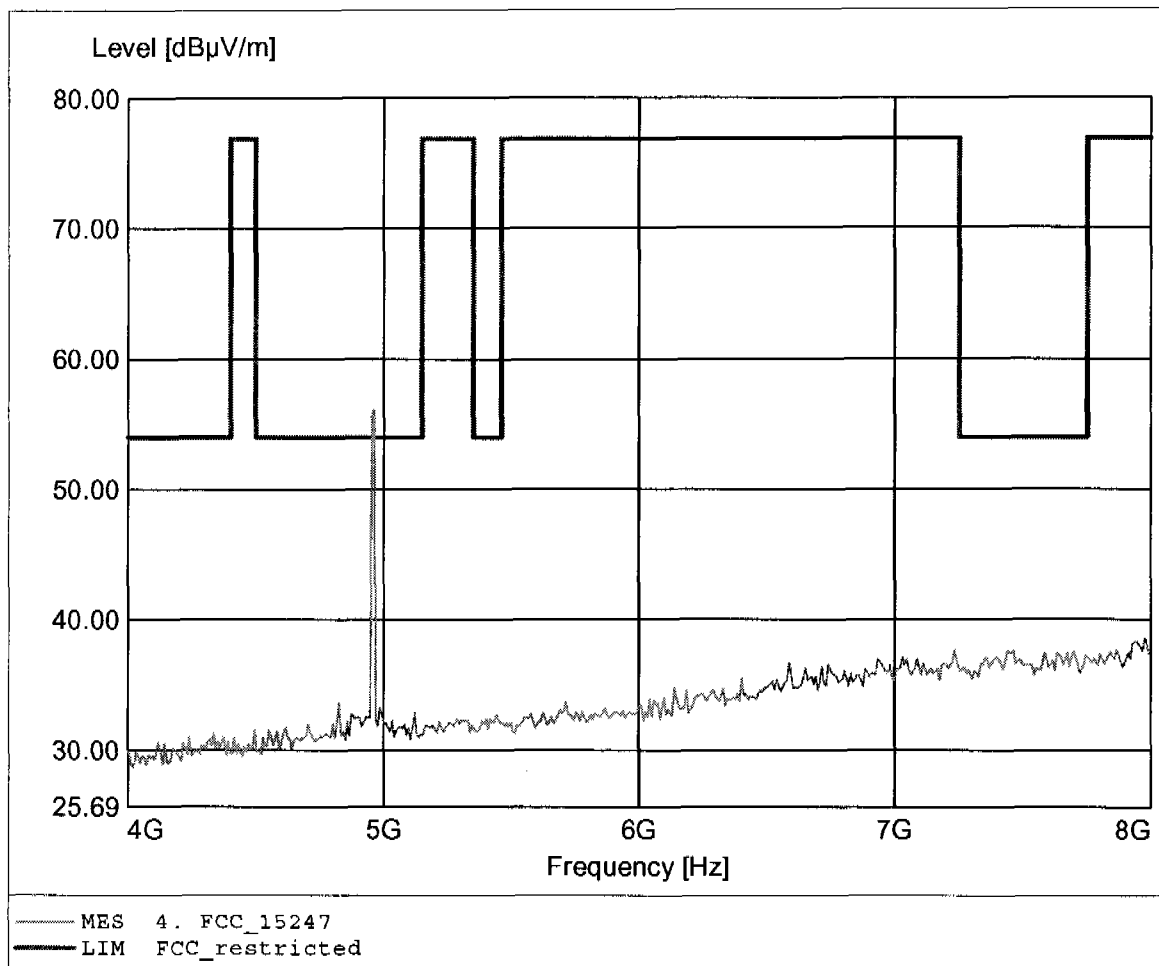
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 46.78dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

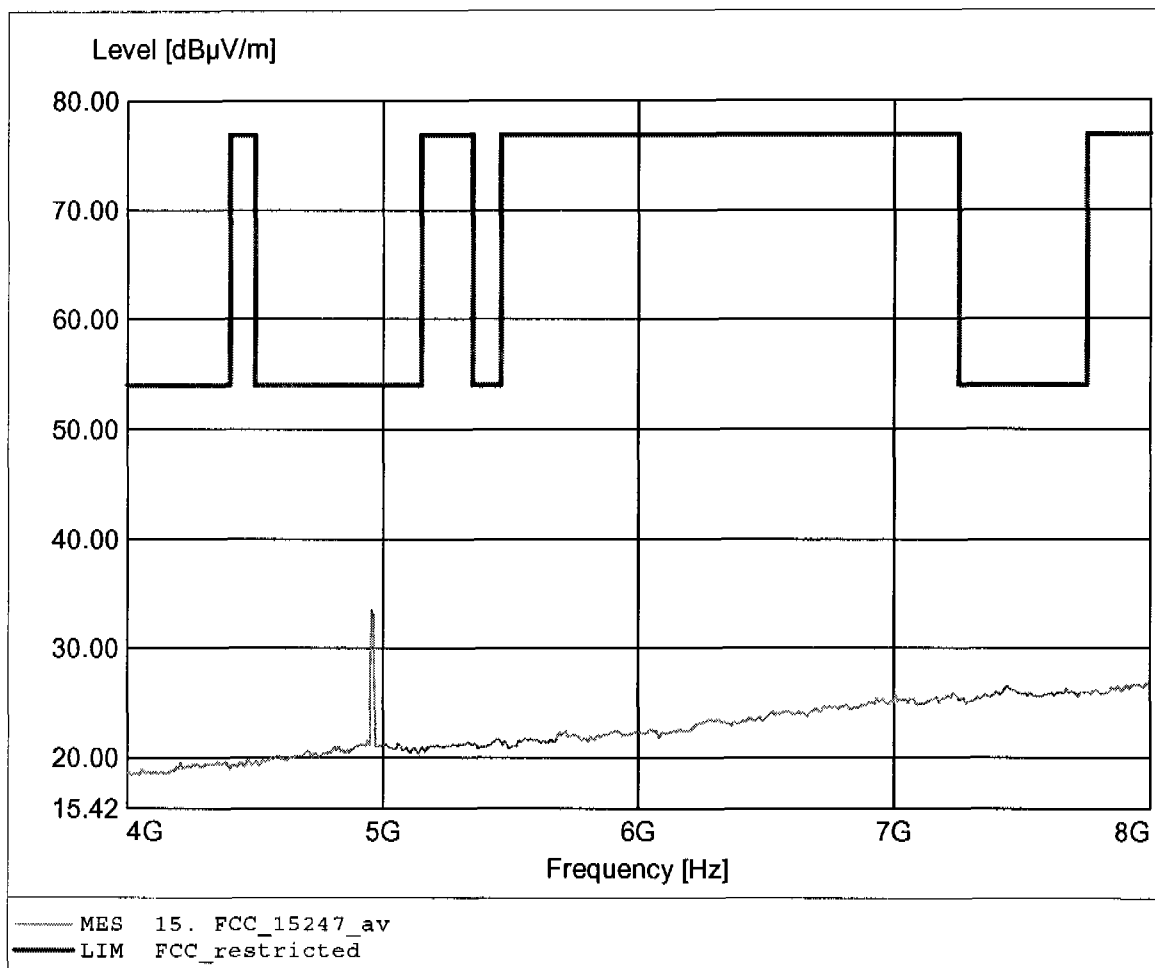
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 56.06dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

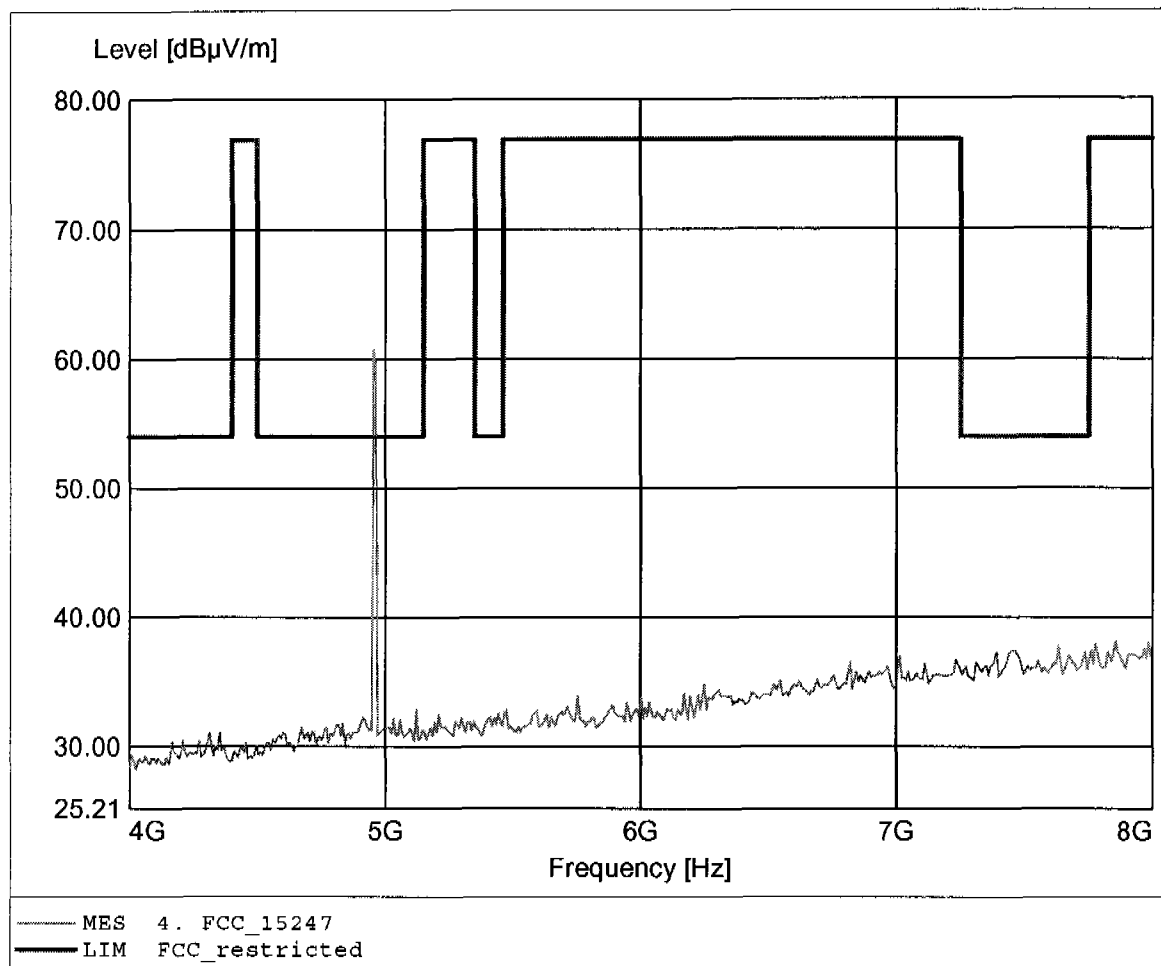
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.954GHz, Emax: 33.56dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

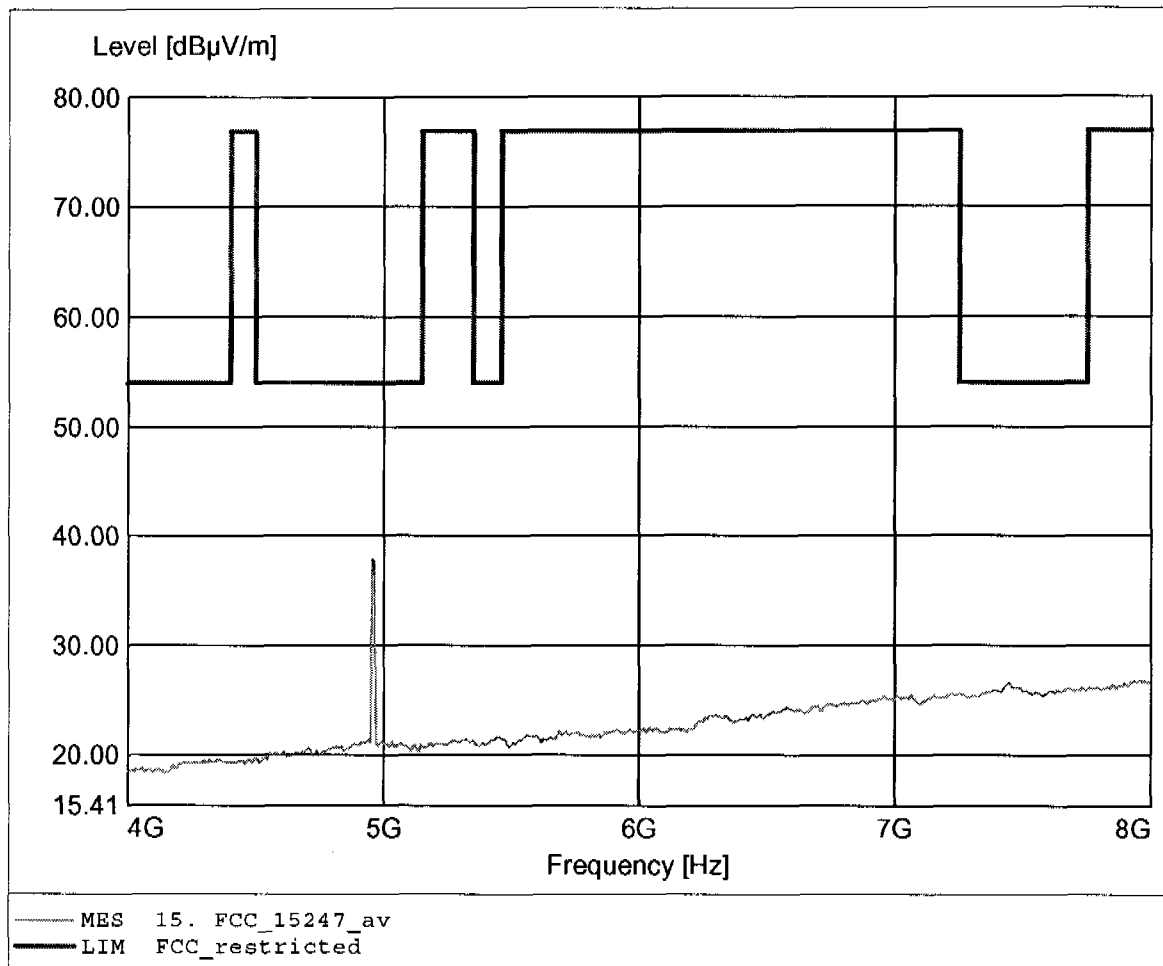
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.954GHz, Emax: 60.73dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

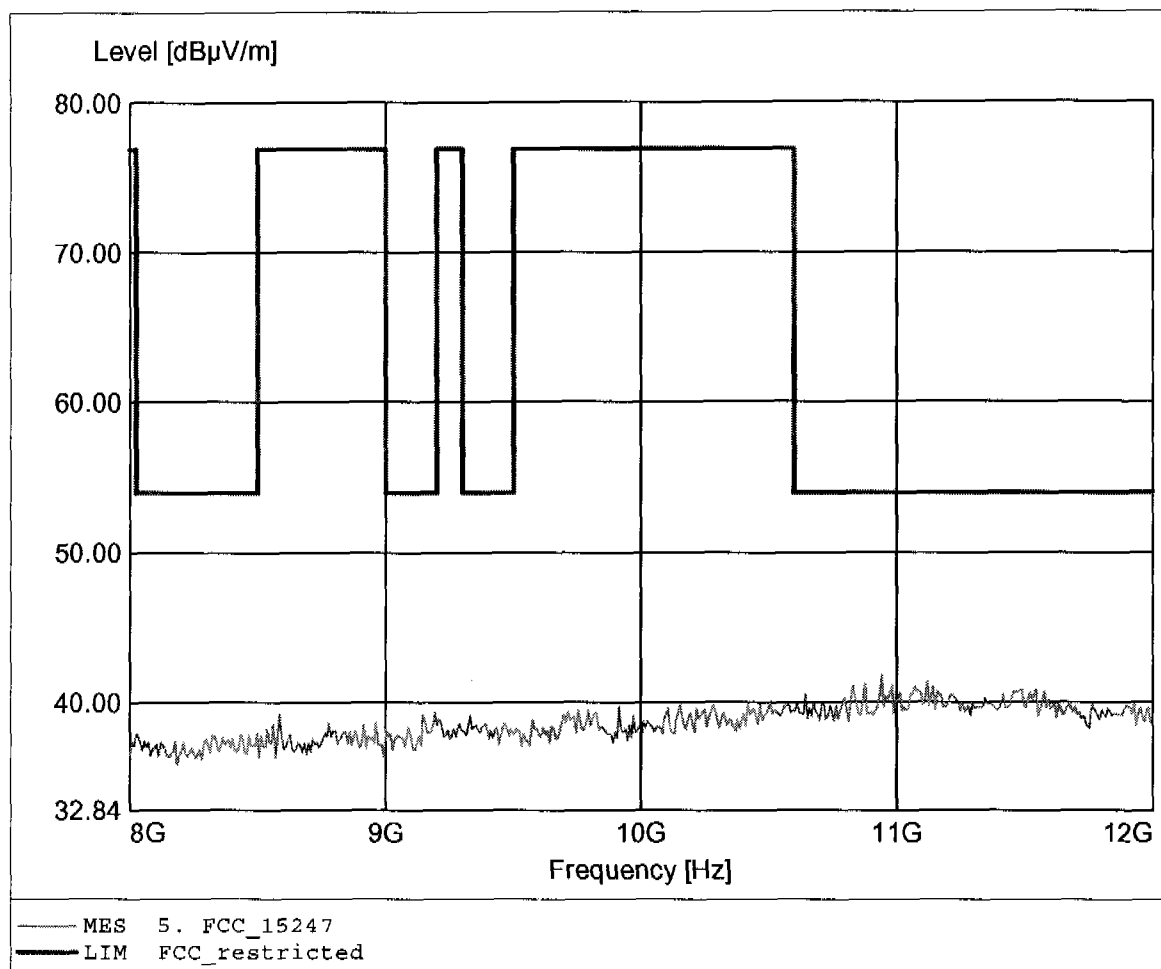
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 4.954GHz, Emax: 37.88dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

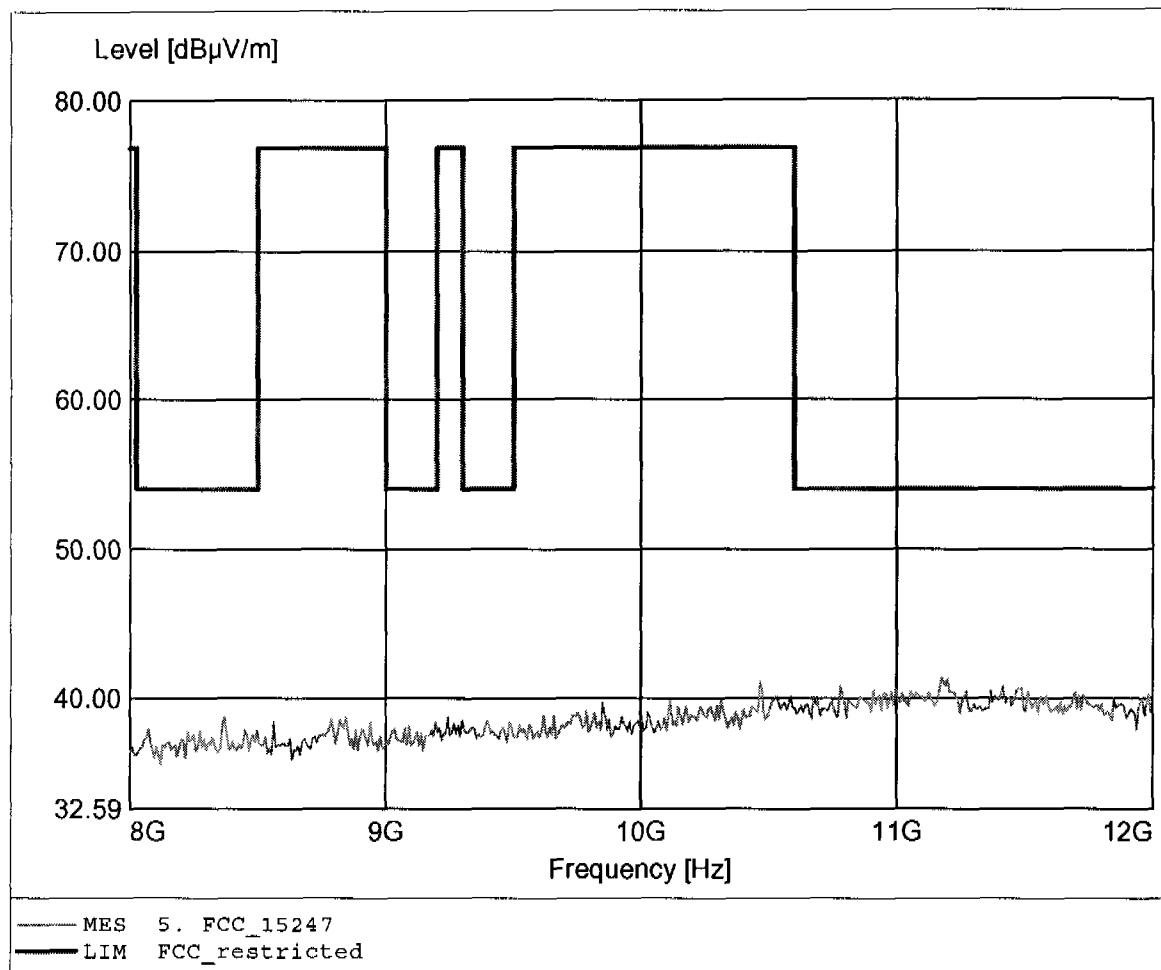
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 10.942GHz, Emax: 41.79dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

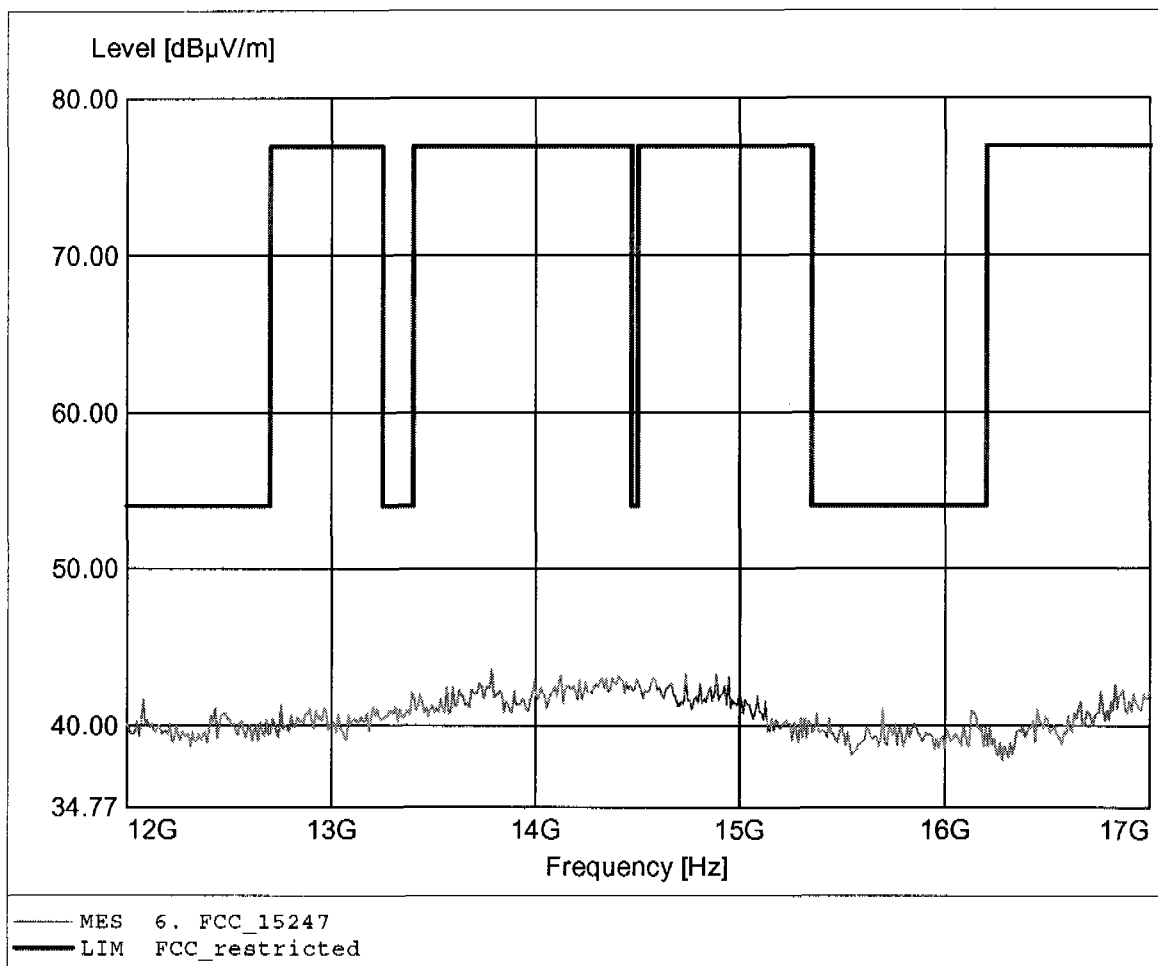
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 11.174GHz, Emax: 41.37dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

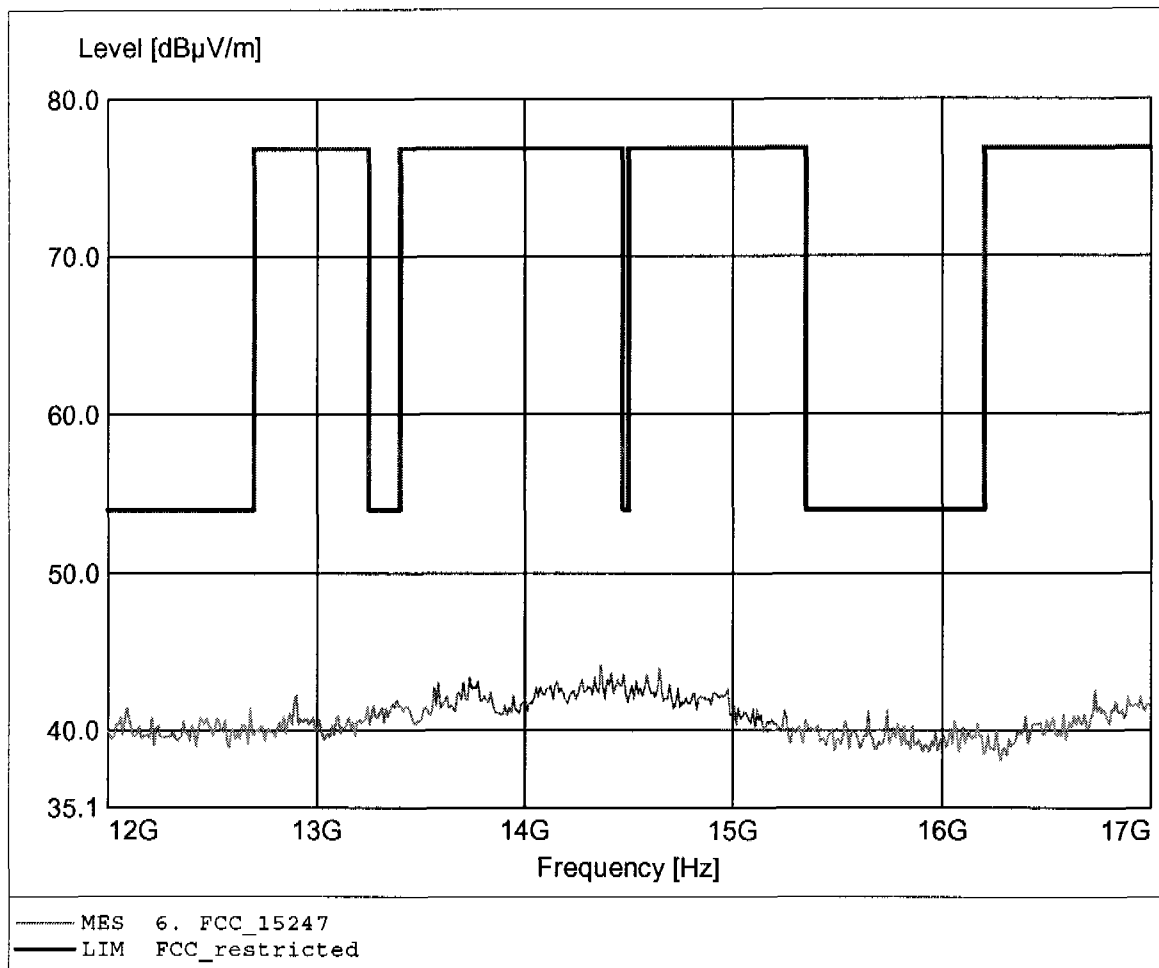
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 13.784GHz, Emax: 43.59dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

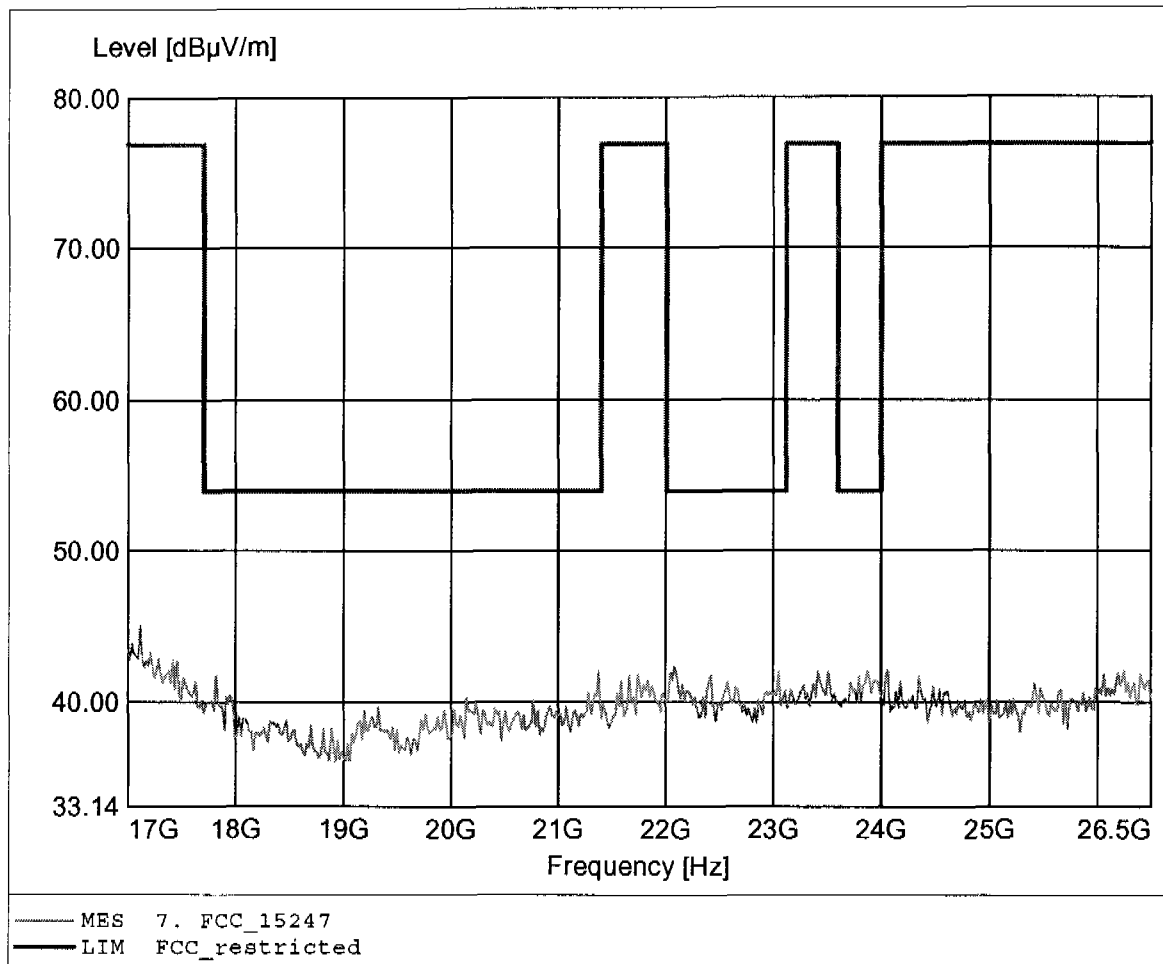
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.365GHz, Emax: 44.17dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

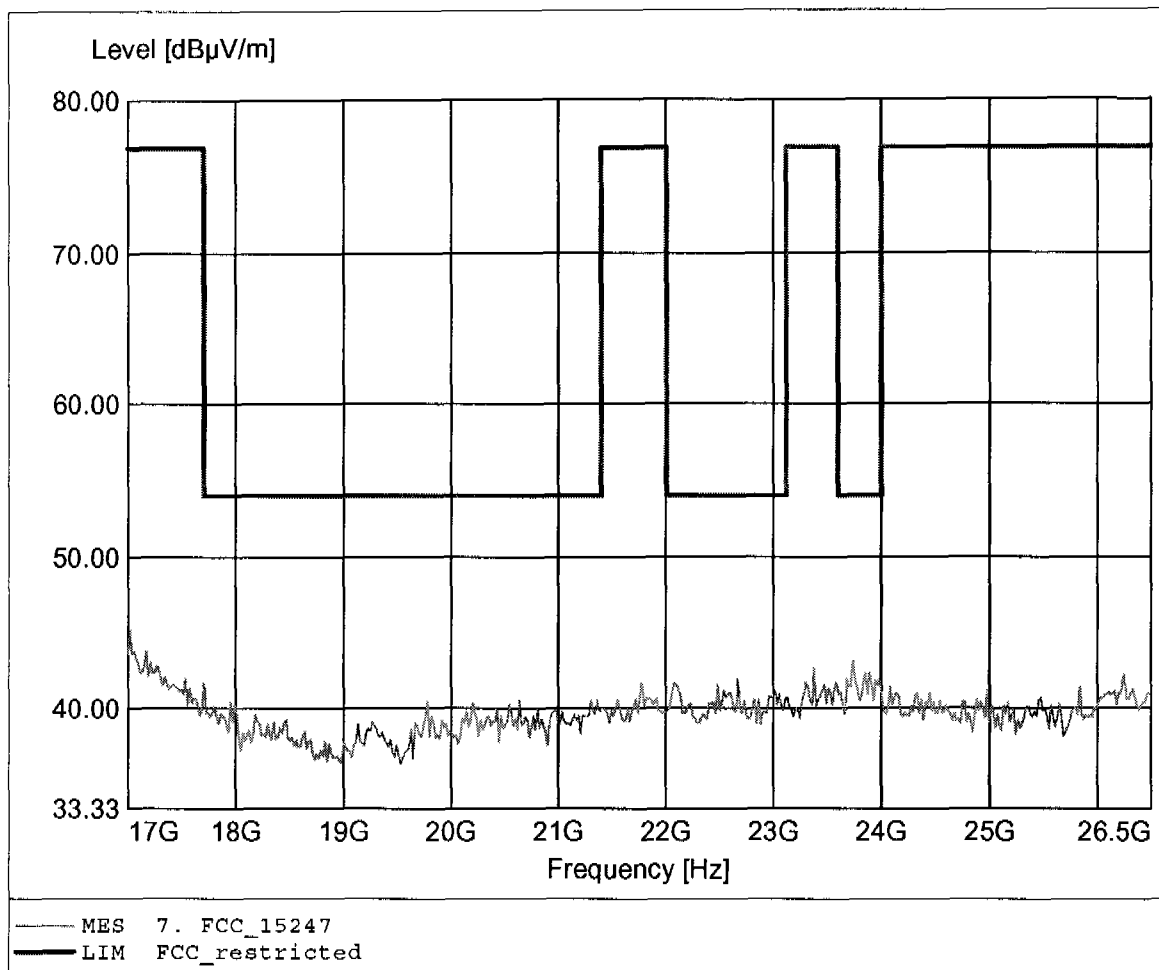
Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.114GHz, Emax: 45.06dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: FALCOM GmbH
EUT: Integrated AVL solution
Model: PHD1000 / 2480 MHz
Test Site / Operator: ETS / Mr. Handrik
Temperature/ Voltage: 25°C / Unom: 12 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.019GHz, Emax: 45.20dBµV/m, RBW: 1MHz



Appendix D

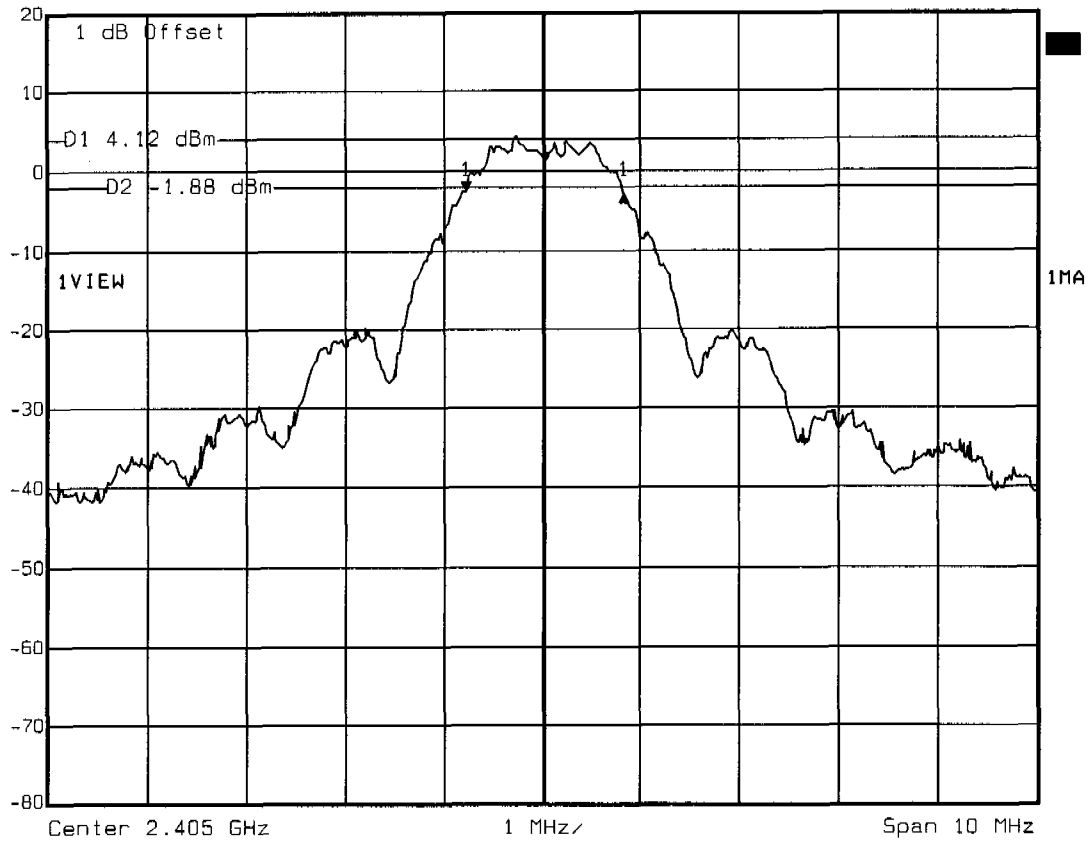
Spurious Emissions conducted - Transmitter operating

Appendix E

Maximum 6 dB Bandwidth



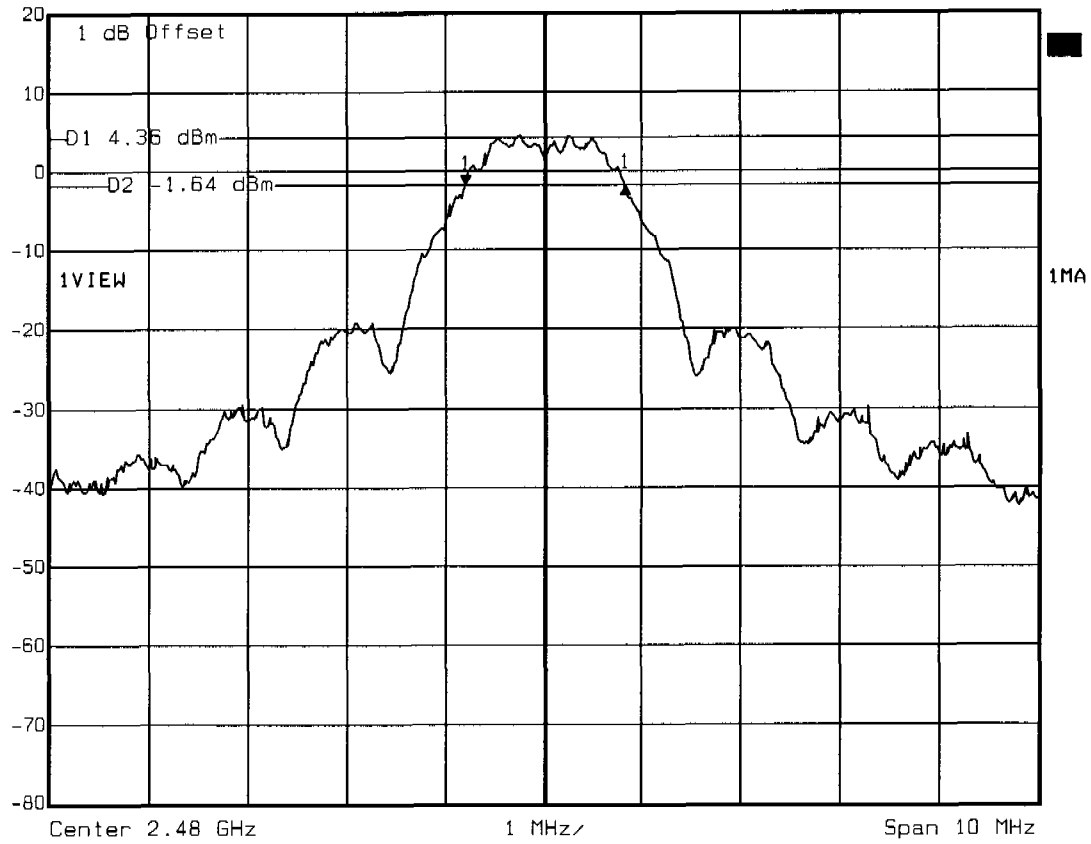
Delta 1 (T1) RBW 100 kHz RF Att 40 dB
Ref Lvl 0.10 dB VBW 1 MHz
20 dBm 1.60320641 MHz SWT 5 ms Unit dBm



Title: Minimum 6dB Bandwidth Ch.: 0
Comment A: PHD1000
Date: 08.AUG.2005 10:42:55



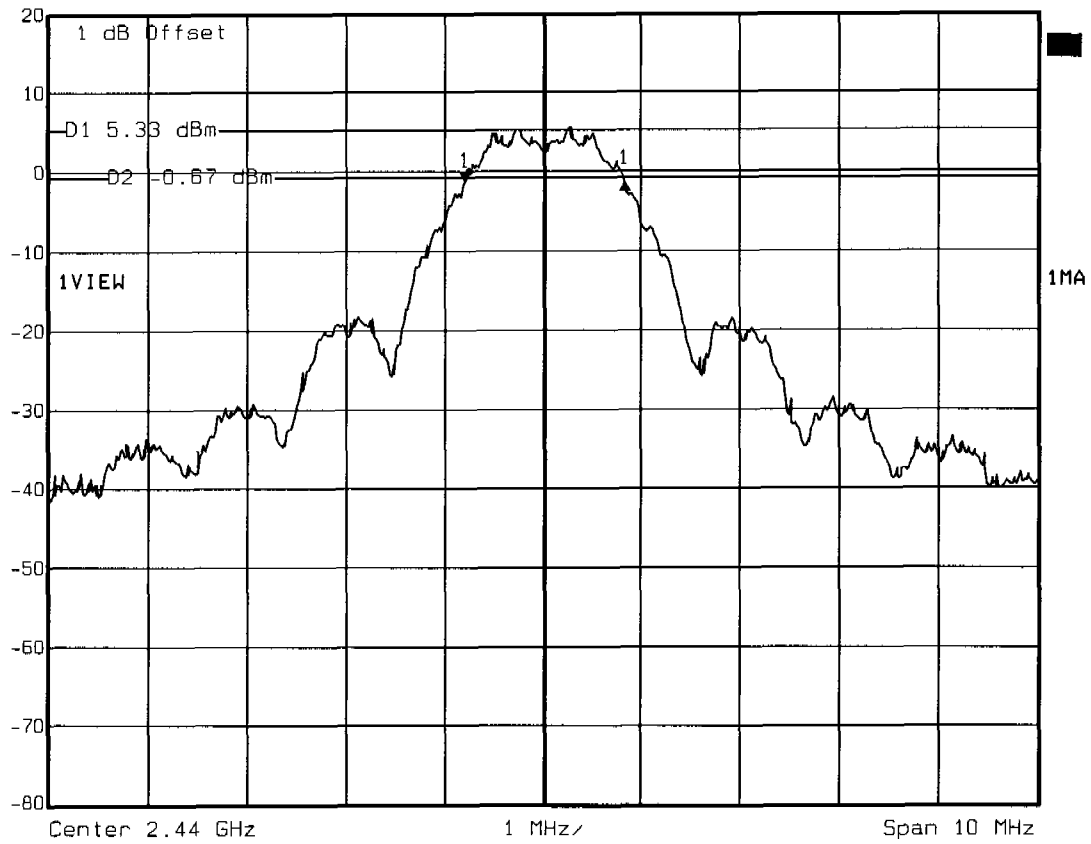
Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 0.28 dB VBW 1 MHz
20 dBm 1.62324649 MHz SWT 5 ms Unit dBm



Title: Minimum 6dB Bandwidth Ch.: 15
Comment A: PHD1000
Date: 08.AUG.2005 10:40:22



Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 0.15 dB VBW 1 MHz
20 dBm 1.62324649 MHz SWT 5 ms Unit dBm



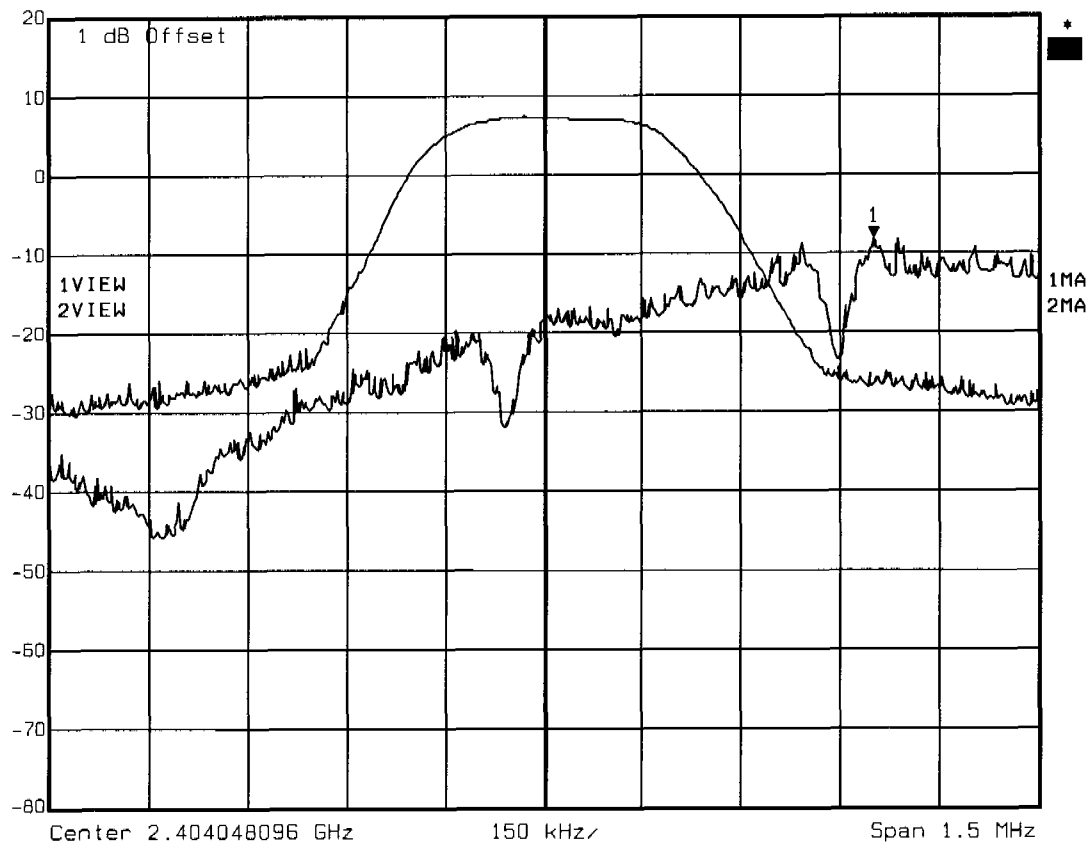
Title: Minimum 6dB Bandwidth Ch.: 7
Comment A: PHD1000
Date: 08.AUG.2005 10:41:36

Appendix F

Peak Power Spectral Density



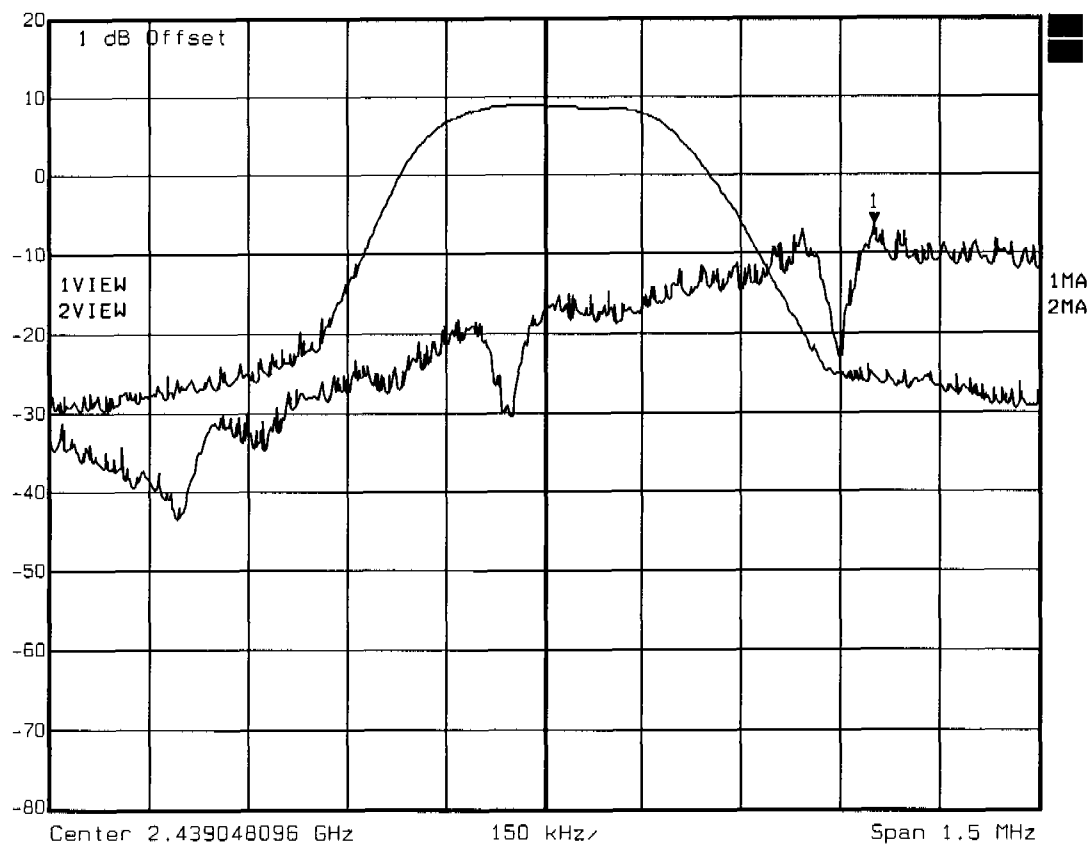
Marker 1 [T2] RBW 3 kHz RF Att 40 dB
Ref Lvl -8.07 dBm VBW 100 kHz
20 dBm 2.40454860 GHz SWT 500 s Unit dBm



Title: Power Spectral Density Ch.: 0
Comment A: PHD1000
Date: 08.AUG.2005 10:48:54



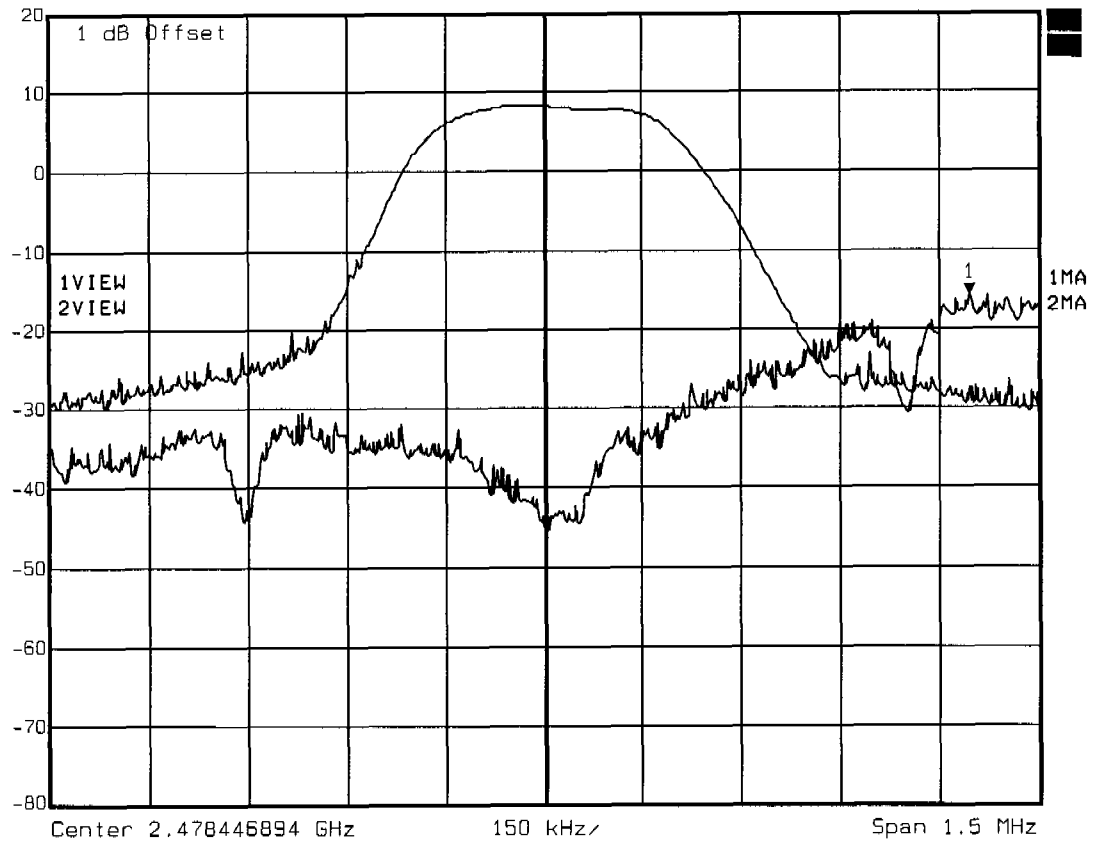
Marker 1 [T2] RBW 3 kHz RF Att 40 dB
Ref Lvl -6.32 dBm VBW 100 kHz
20 dBm 2.43954860 GHz SWT 500 s Unit dBm



Title: Power Spectral Density Ch.: 7
Comment A: PHD1000
Date: 08.AUG.2005 13:48:59



Marker 1 [T2] RBW 3 kHz RF Att 40 dB
Ref Lvl -15.63 dBm VBW 100 kHz
20 dBm 2.47909168 GHz SWT 500 s Unit dBm



Title: Power Spectral Density Ch.: 15
Comment A: PHD1000
Date: 08.AUG.2005 13:51:01

Appendix G

Conducted Emission at (AC) Power Line