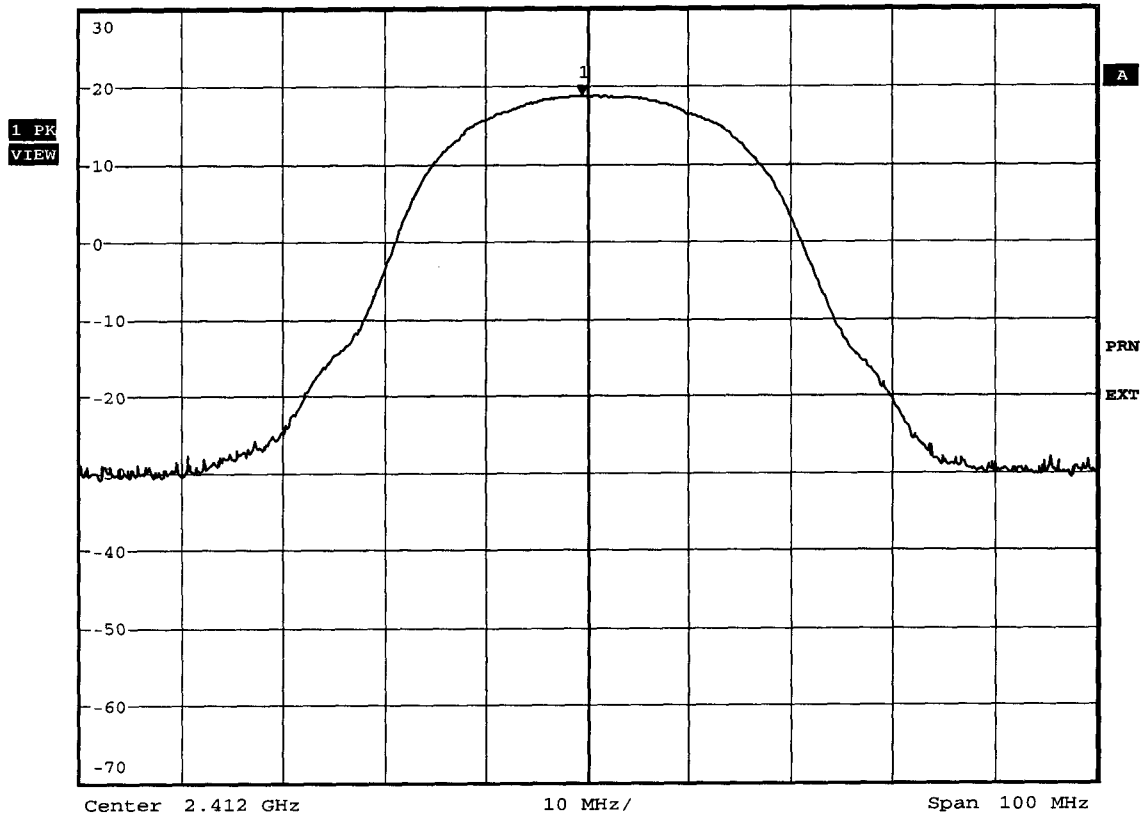


Appendix B

RF power output conducted



Ref 30 dBm *Att 40 dB *RBW 20 MHz Marker 1 [T1] 18.54 dBm
VBW 10 MHz SWT 2.5 ms 2.411519231 GHz



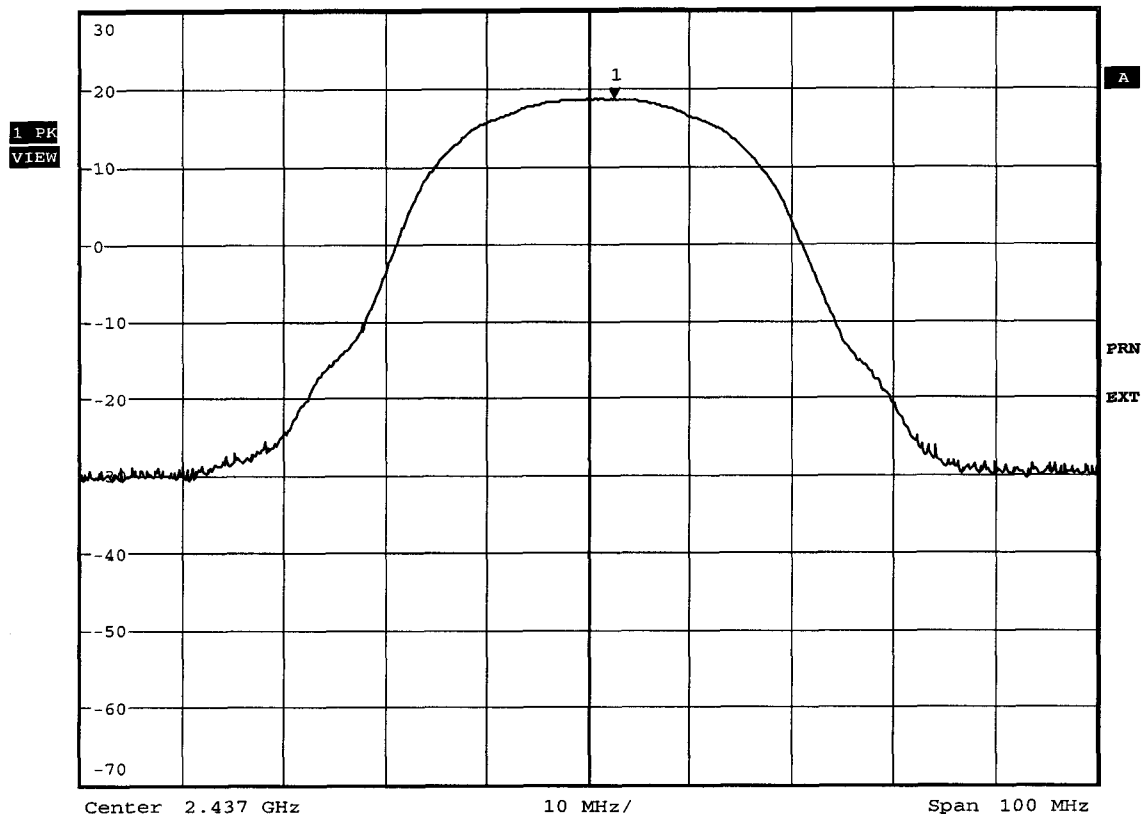
Comment: HW 86050

Comment: Output Power Conducted 11 Mb/s Unom: 3.3 V DC

Date: 23.DEC.2004 08:23:08



Ref 30 dBm *Att 40 dB *RBW 20 MHz Marker 1 [T1] 18.49 dBm
VBW 10 MHz 2.439564103 GHz
SWT 2.5 ms



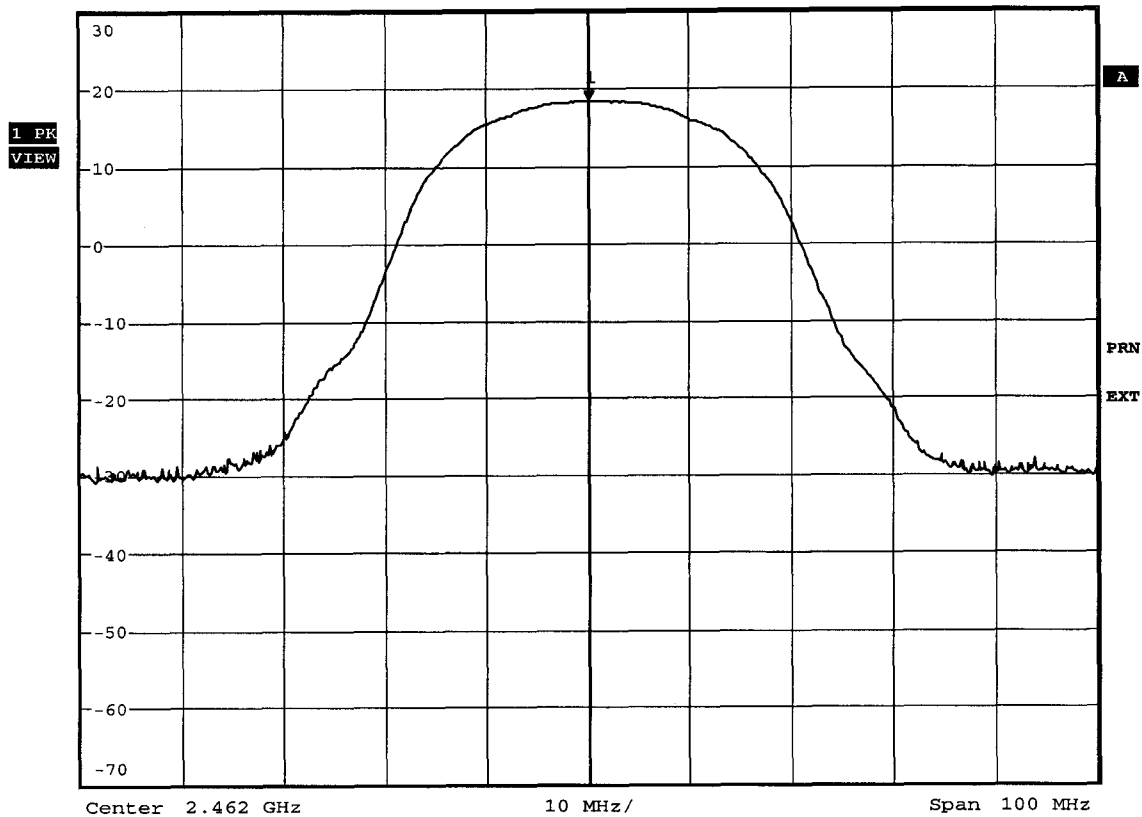
Comment: HW 86050

Comment: Output Power Conducted 11 Mb/s Unom: 3.3 V DC

Date: 23.DEC.2004 08:30:44



Ref 30 dBm *Att 40 dB *RBW 20 MHz Marker 1 [T1] 18.17 dBm
VBW 10 MHz 2.462160256 GHz
SWT 2.5 ms



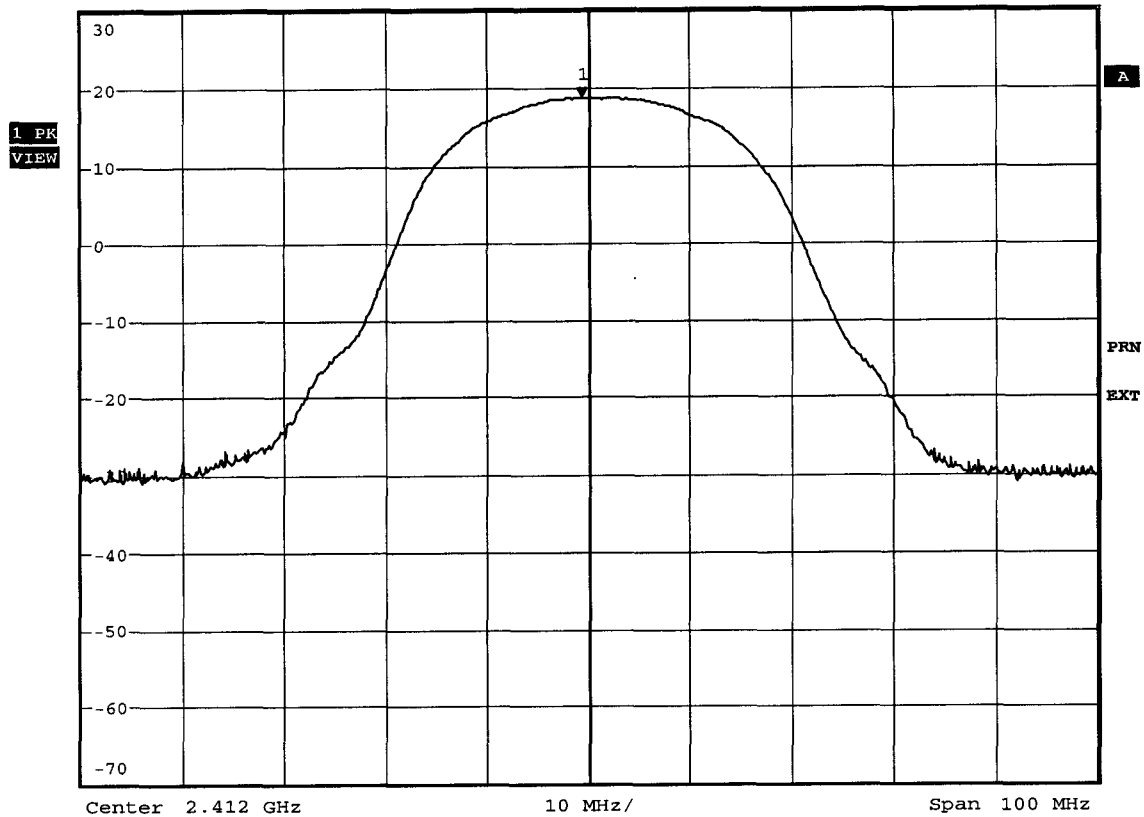
Comment: HW 86050

Comment: Output Power Conducted 11 Mb/s Unom: 3.3 V DC

Date: 23.DEC.2004 08:45:34



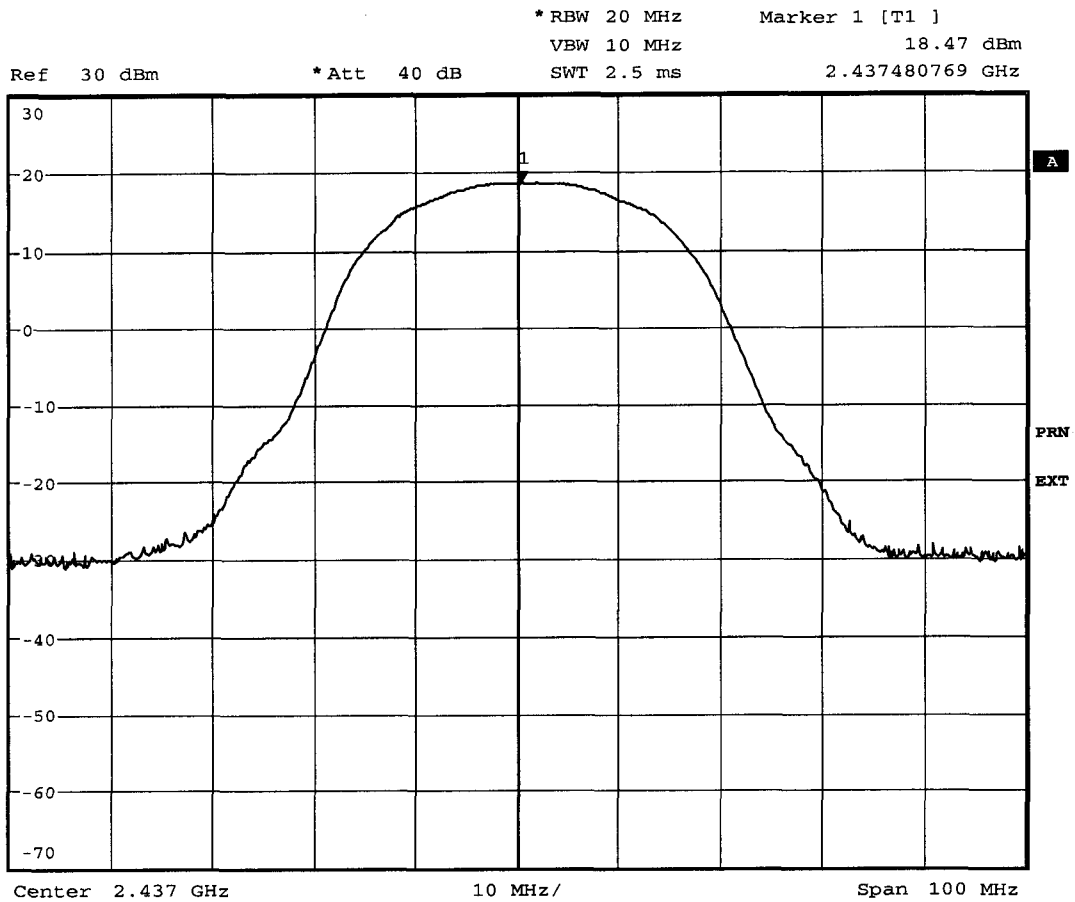
Ref 30 dBm *Att 40 dB *RBW 20 MHz Marker 1 [T1]
VBW 10 MHz 18.57 dBm
SWT 2.5 ms 2.411358974 GHz



Comment: HW 86050

Comment: Output Power Conducted 11 Mb/s Umax: 3.5 V DC

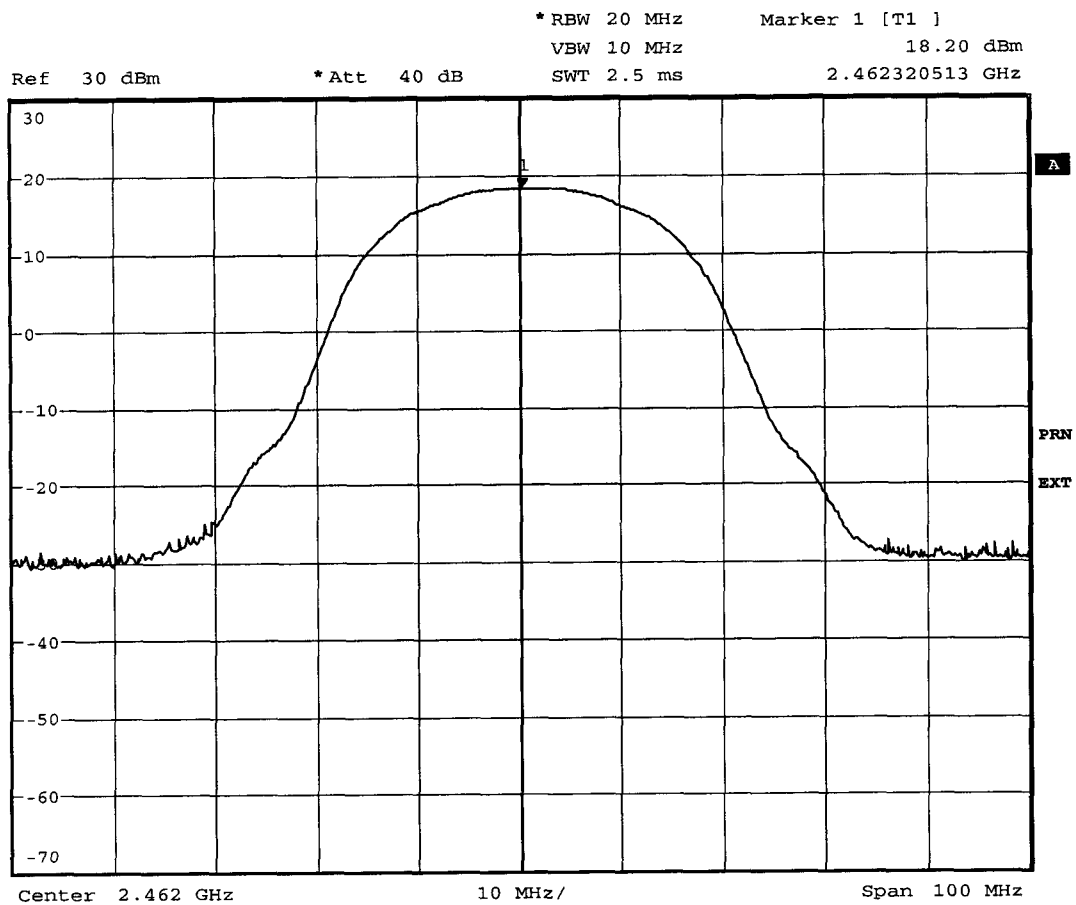
Date: 23.DEC.2004 08:19:47



Comment: HW 86050

Comment: Output Power Conducted 11 Mb/s Umax: 3.5 V DC

Date: 23.DEC.2004 08:32:34



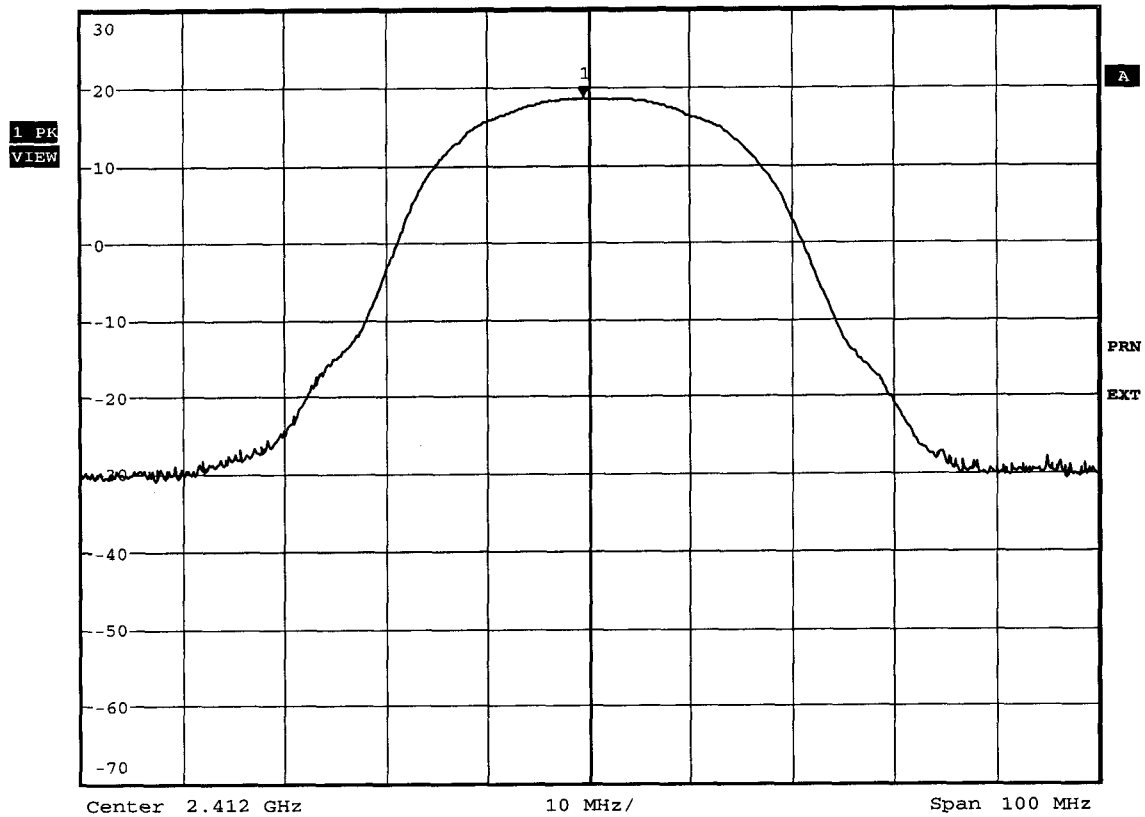
Comment: HW 86050

Comment: Output Power Conducted 11 Mb/s Umax: 3.5 V DC

Date: 23.DEC.2004 08:43:52



Ref 30 dBm *Att 40 dB *RBW 20 MHz Marker 1 [T1]
VBW 10 MHz 18.49 dBm
SWT 2.5 ms 2.411519231 GHz



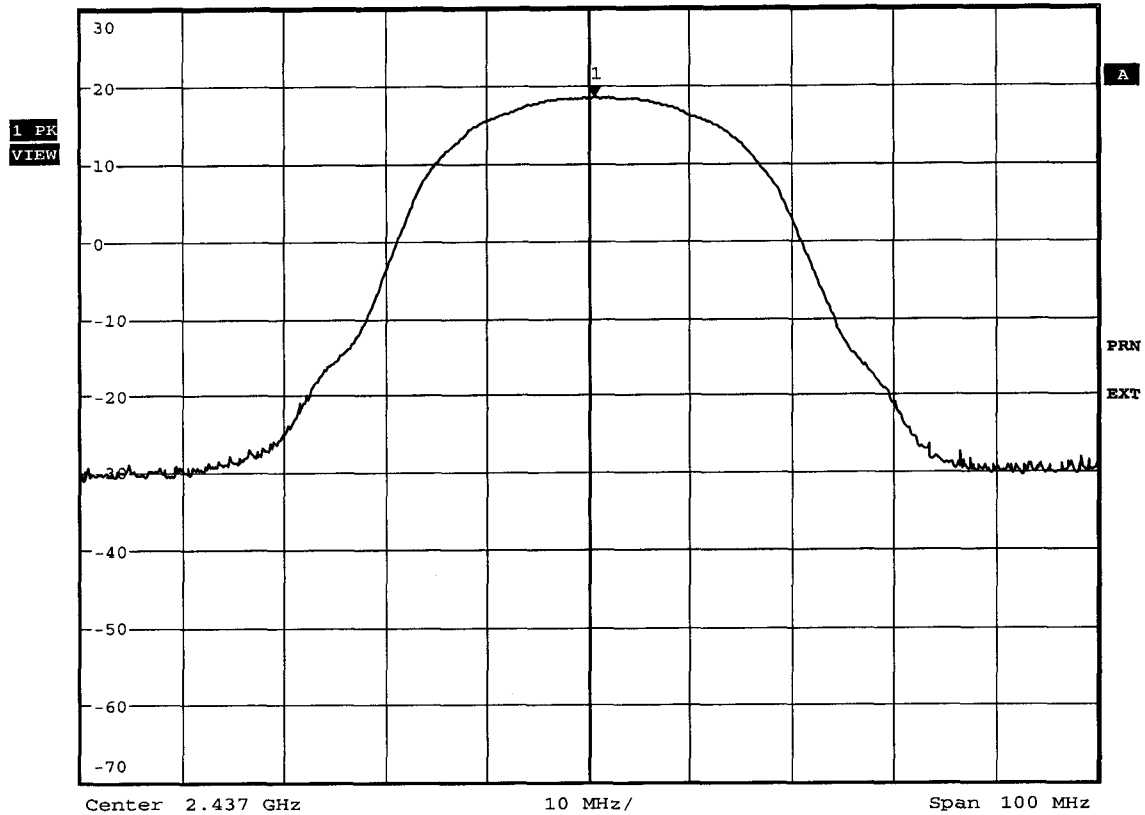
Comment: HW 86050

Comment: Output Power Conducted 11 Mb/s Umin: 3.1 V DC

Date: 23.DEC.2004 08:22:12



Ref 30 dBm *Att 40 dB *RBW 20 MHz Marker 1 [T1]
VBW 10 MHz 18.31 dBm
SWT 2.5 ms 2.437641026 GHz



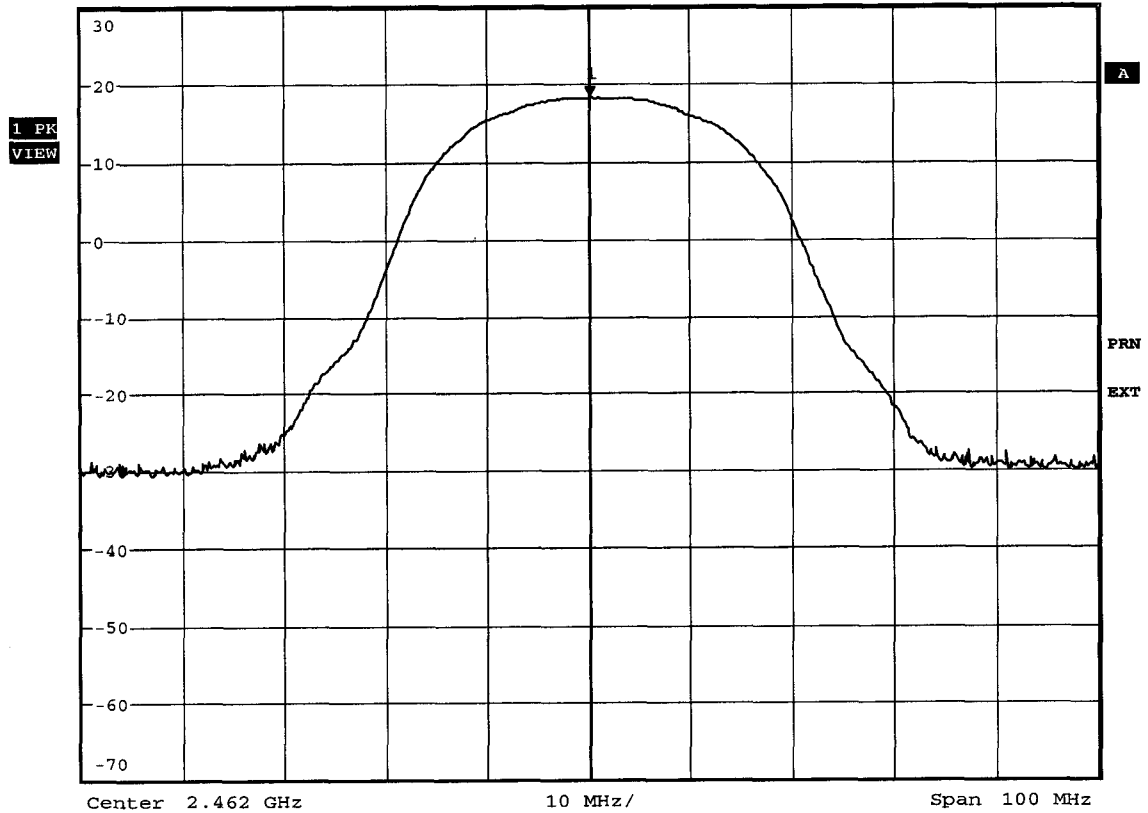
Comment: HW 86050

Comment: Output Power Conducted 11 Mb/s Umin: 3.1 V DC

Date: 23.DEC.2004 08:31:43



Ref 30 dBm *Att 40 dB *RBW 20 MHz Marker 1 [T1] 18.07 dBm
VBW 10 MHz SWT 2.5 ms 2.462160256 GHz



Comment: HW 86050

Comment: Output Power Conducted 11 Mb/s Umin: 3.1 V DC

Date: 23.DEC.2004 08:44:45

Appendix C

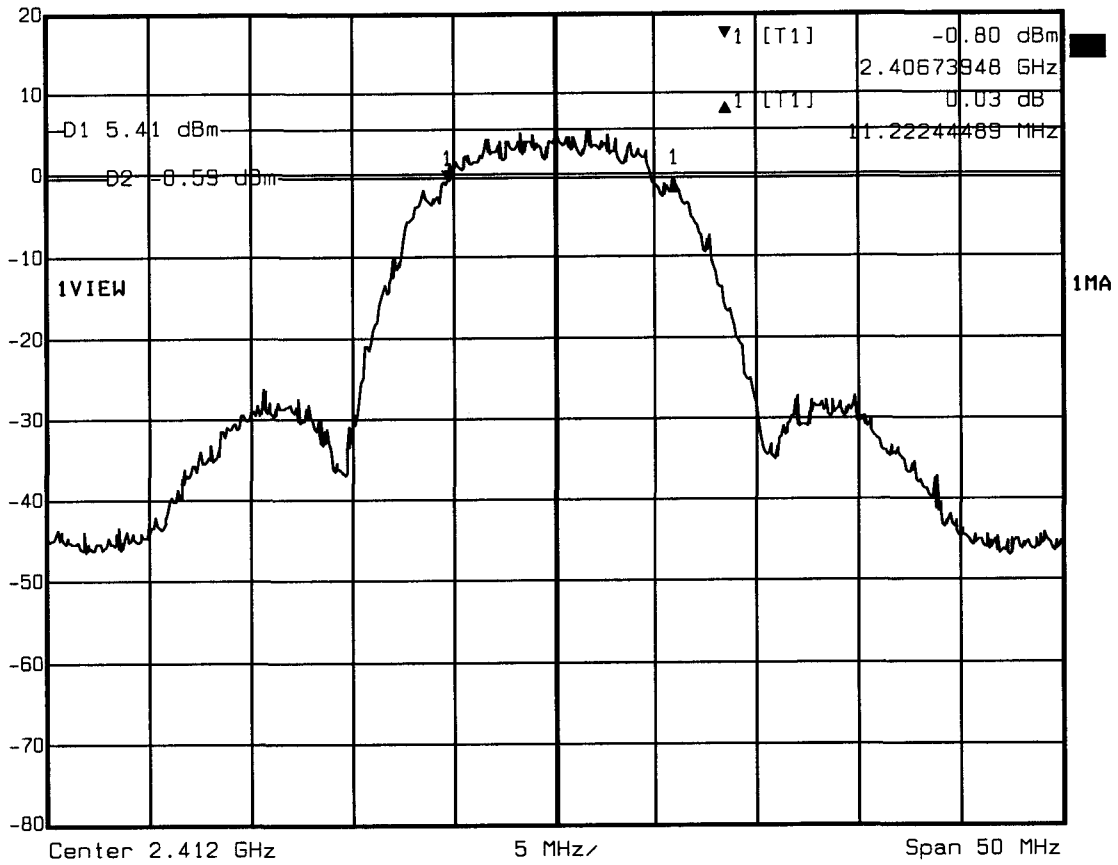
RF power output radiated (EIRP)

Appendix D

6 dB bandwidth



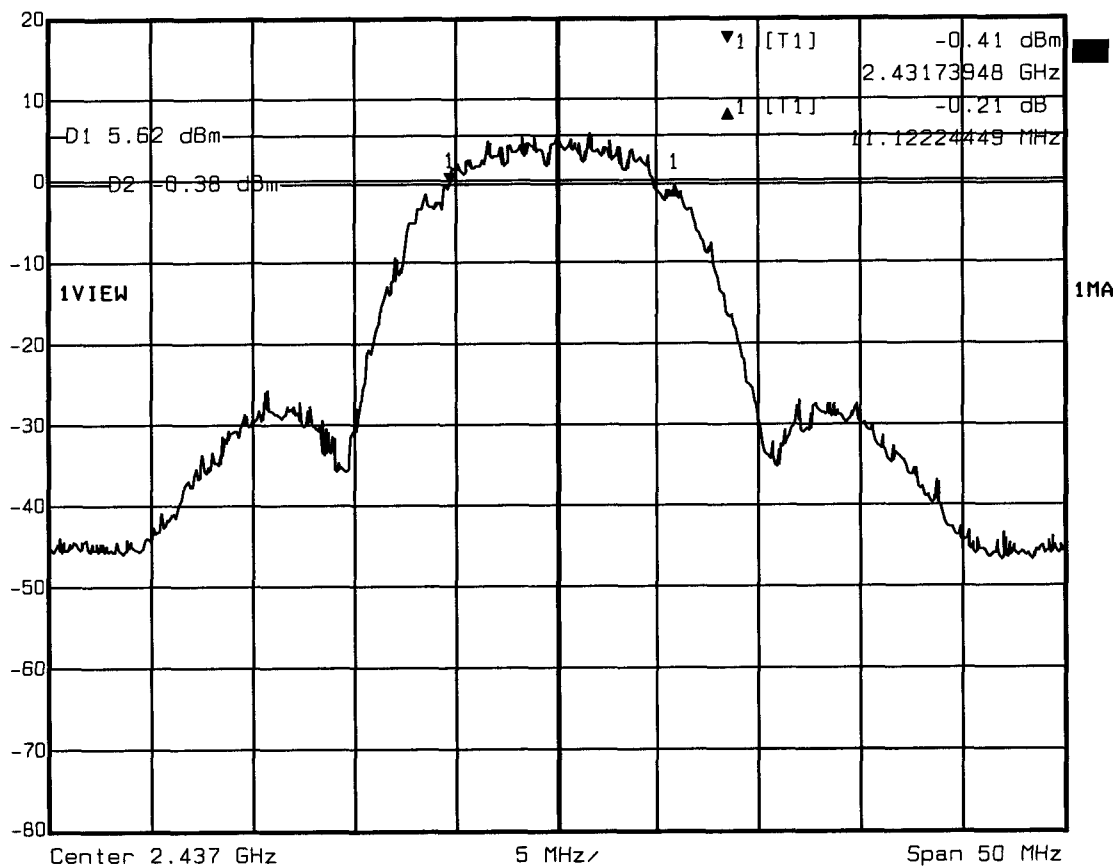
Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 0.03 dB VBW 1 MHz
20 dBm 11.22244489 MHz SWT 12.5 ms Unit dBm



Title: Minimum 6 dB Bandwidth 11 Mb/s
Comment A: HW 86050
Date: 20.DEC.2004 14:46:21



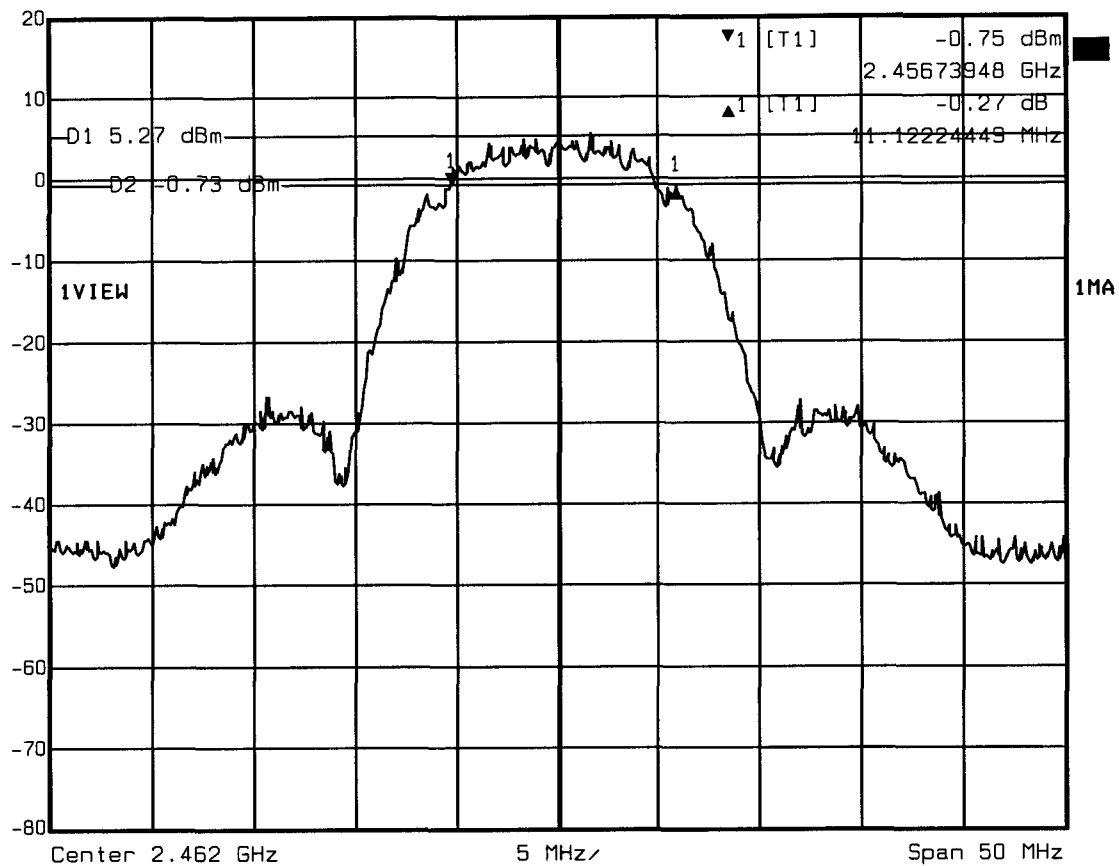
Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl -0.21 dB VBW 1 MHz
20 dBm 11.12224449 MHz SWT 12.5 ms Unit dBm



Title: Minimum 6 dB Bandwidth 11 Mb/s
Comment A: HW 86050
Date: 20.DEC.2004 14:50:44



Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl -0.27 dB VBW 1 MHz
20 dBm 11.12224449 MHz SWT 12.5 ms Unit dBm



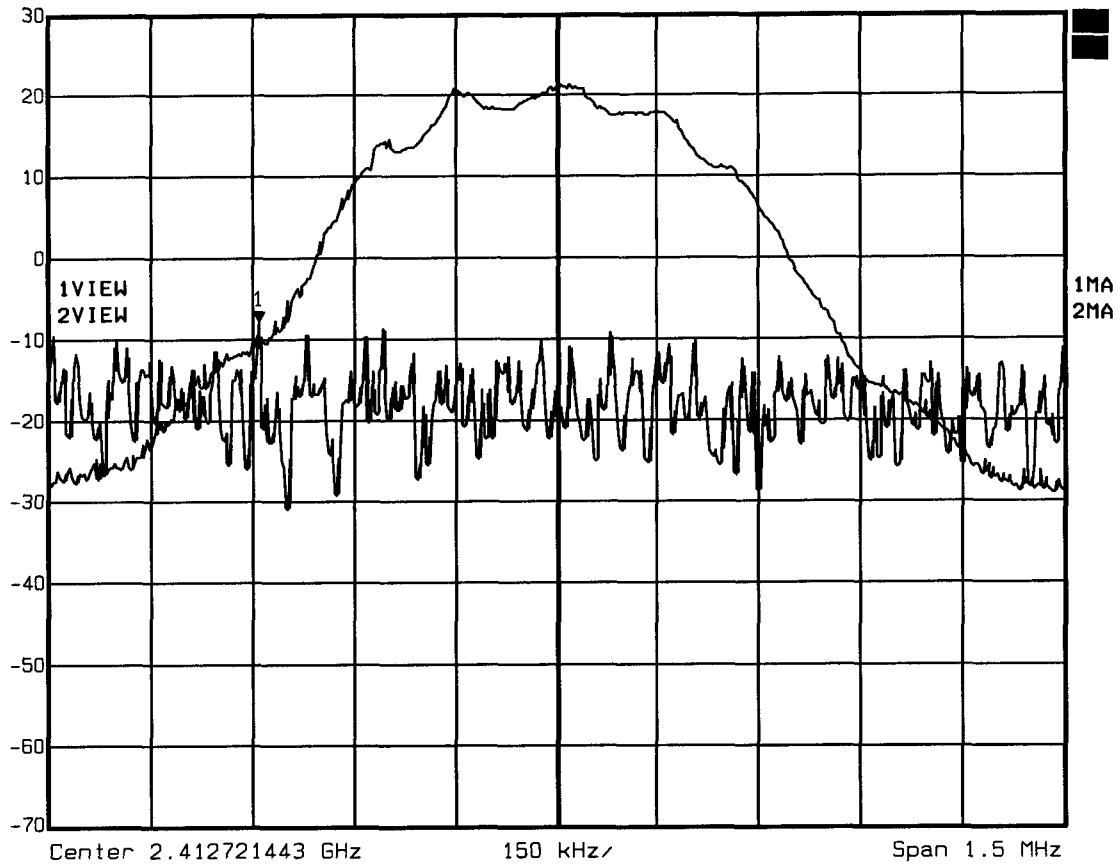
Title: Minimum 6 dB Bandwidth 11 Mb/s
Comment A: HW 86050
Date: 20.DEC.2004 14:54:13

Appendix E

Peak power spectral density



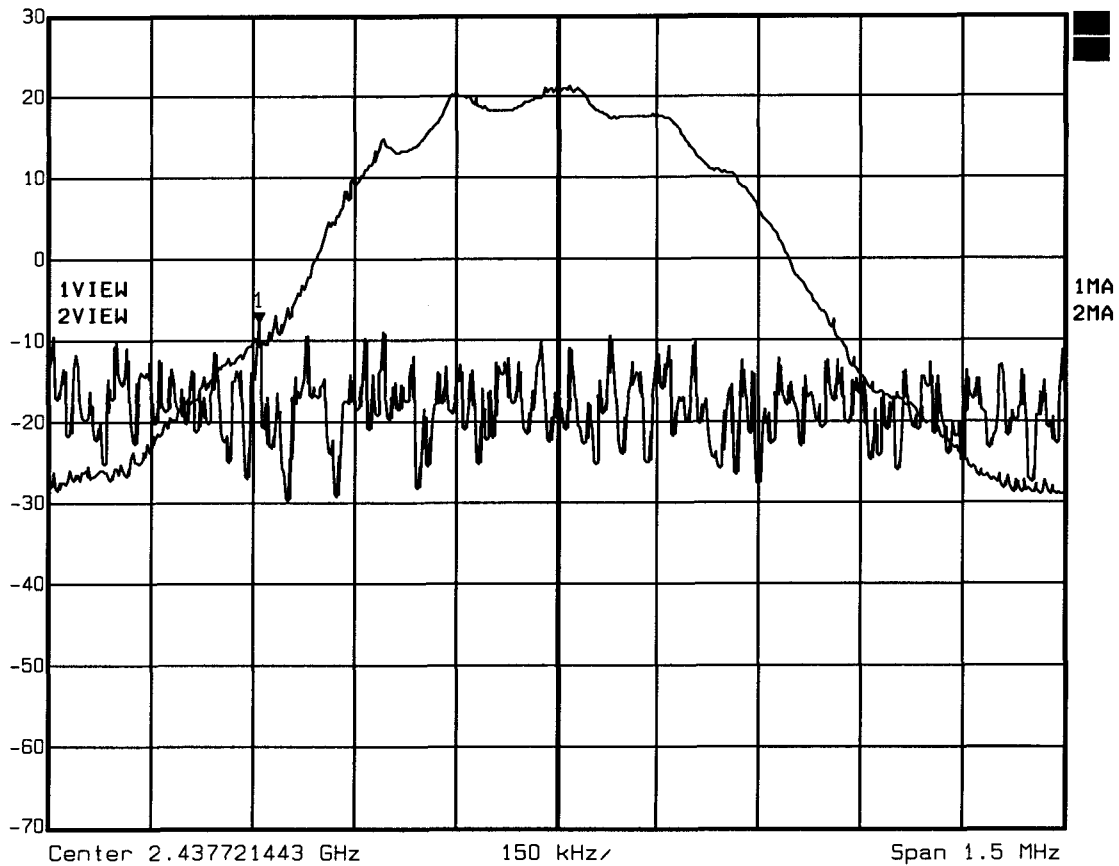
Marker 1 [T2] RBW 3 kHz RF Att 40 dB
Ref Lvl -7.87 dBm VBW 100 kHz
30 dBm 2.41228106 GHz SWT 500 s Unit dBm



Title: Power Spectral Density 11 Mb/s
Comment A: HW 86050
Date: 21.DEC.2004 09:29:31



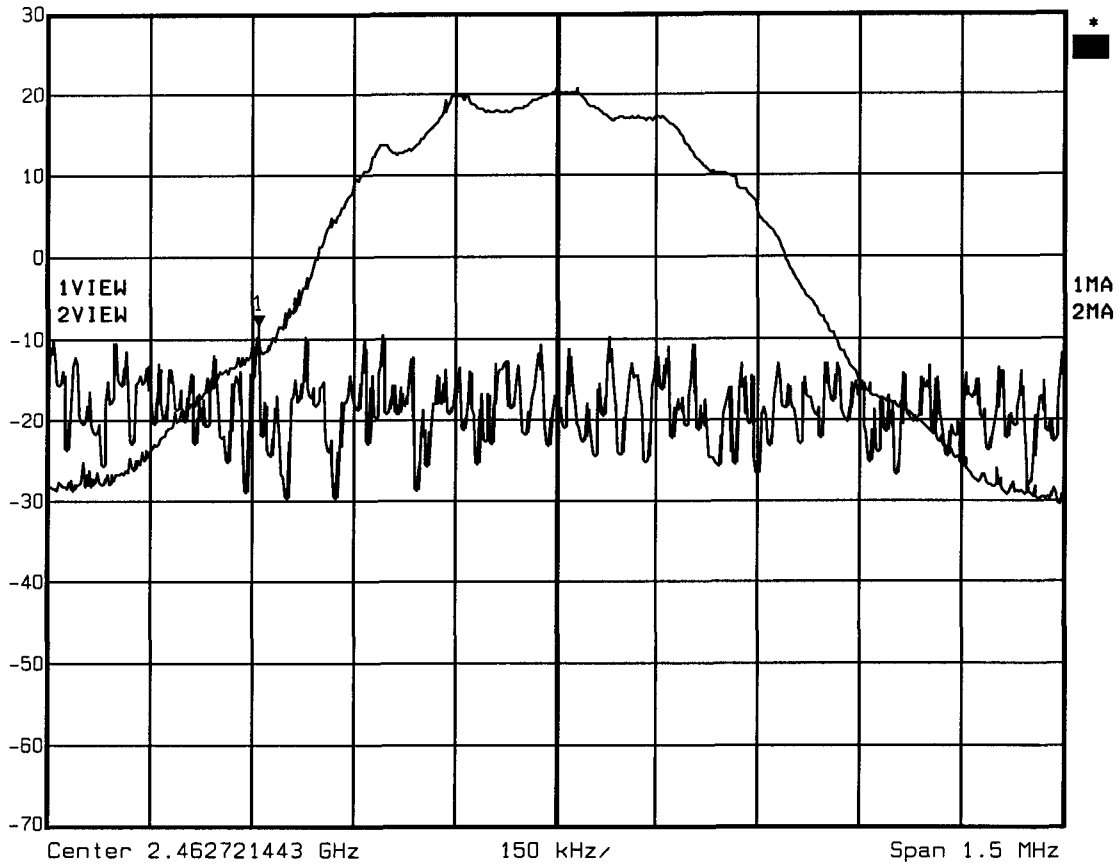
Marker 1 [T2] RBW 3 kHz RF Att 40 dB
Ref Lvl -7.93 dBm VBW 100 kHz
30 dBm 2.43728106 GHz SWT 500 s Unit dBm



Title: Power Spectral Density 11 Mb/s
Comment A: HW 86050
Date: 21.DEC.2004 09:20:03



Marker 1 [T2] RBW 3 kHz RF Att 40 dB
Ref Lvl -8.32 dBm VBW 100 kHz
30 dBm 2.46228106 GHz SWT 500 s Unit dBm



Title: Power Spectral Density 11 Mb/s
Comment A: HW 86050
Date: 21.DEC.2004 09:12:11

Appendix F

Spurious emission conducted

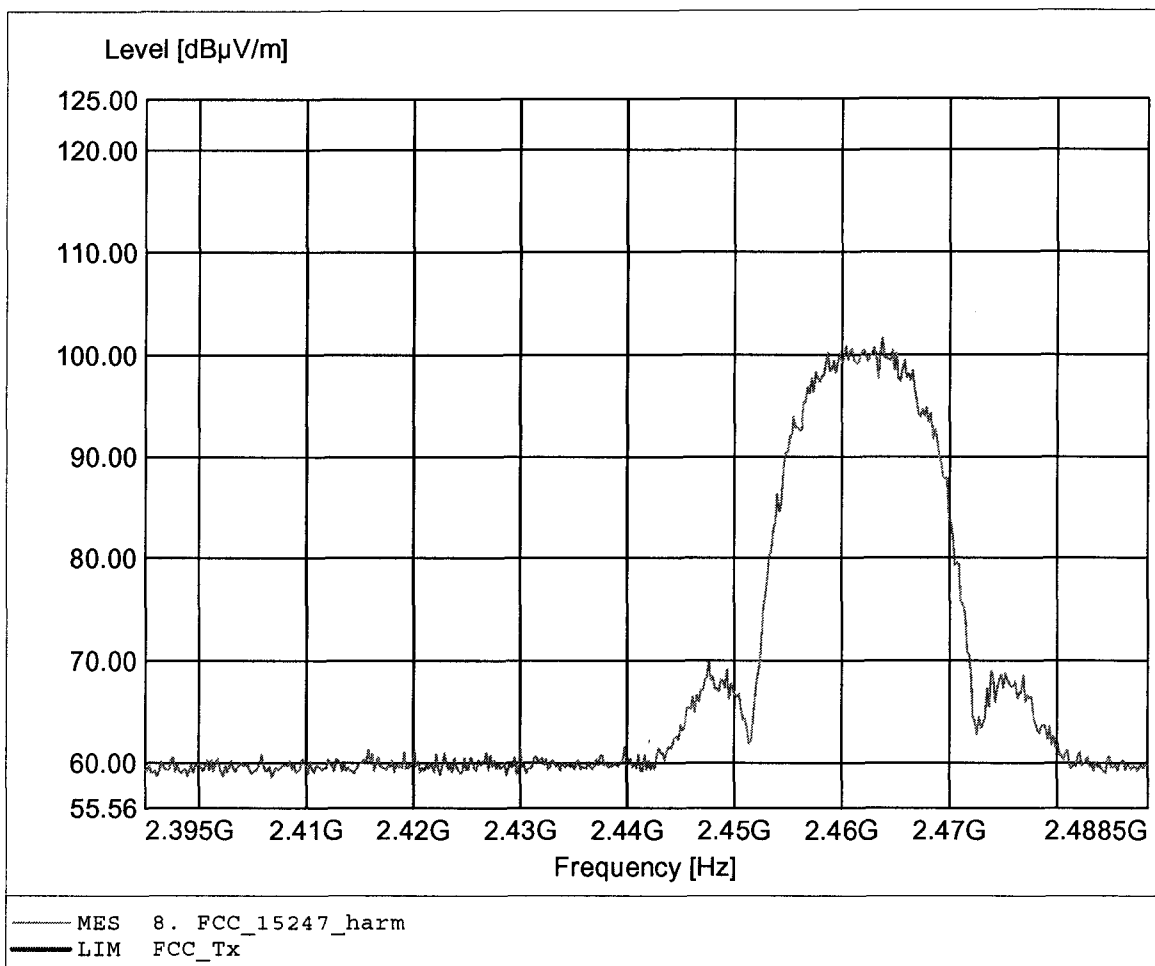
Appendix G

Spurious emission radiated

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

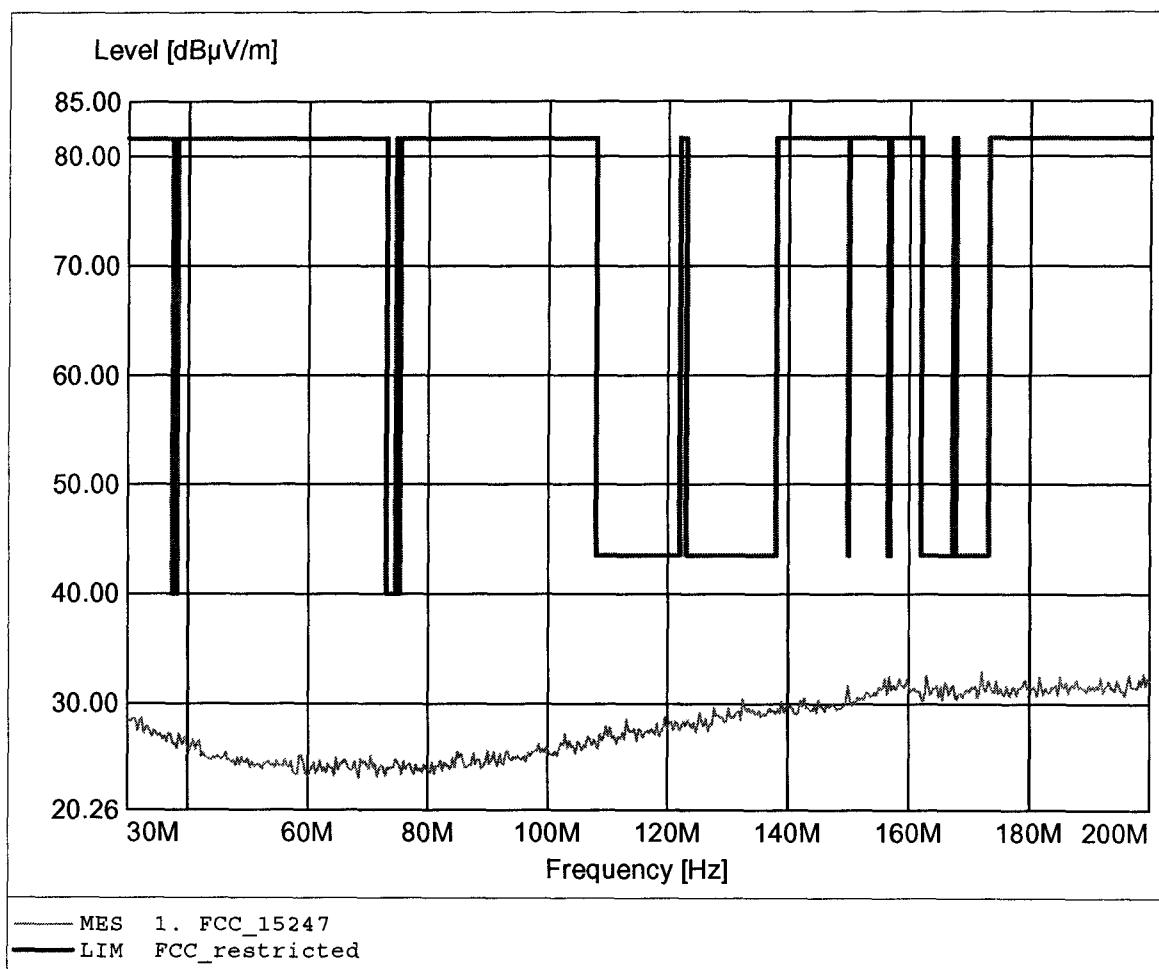
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.464GHz, Emax: 101.64dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

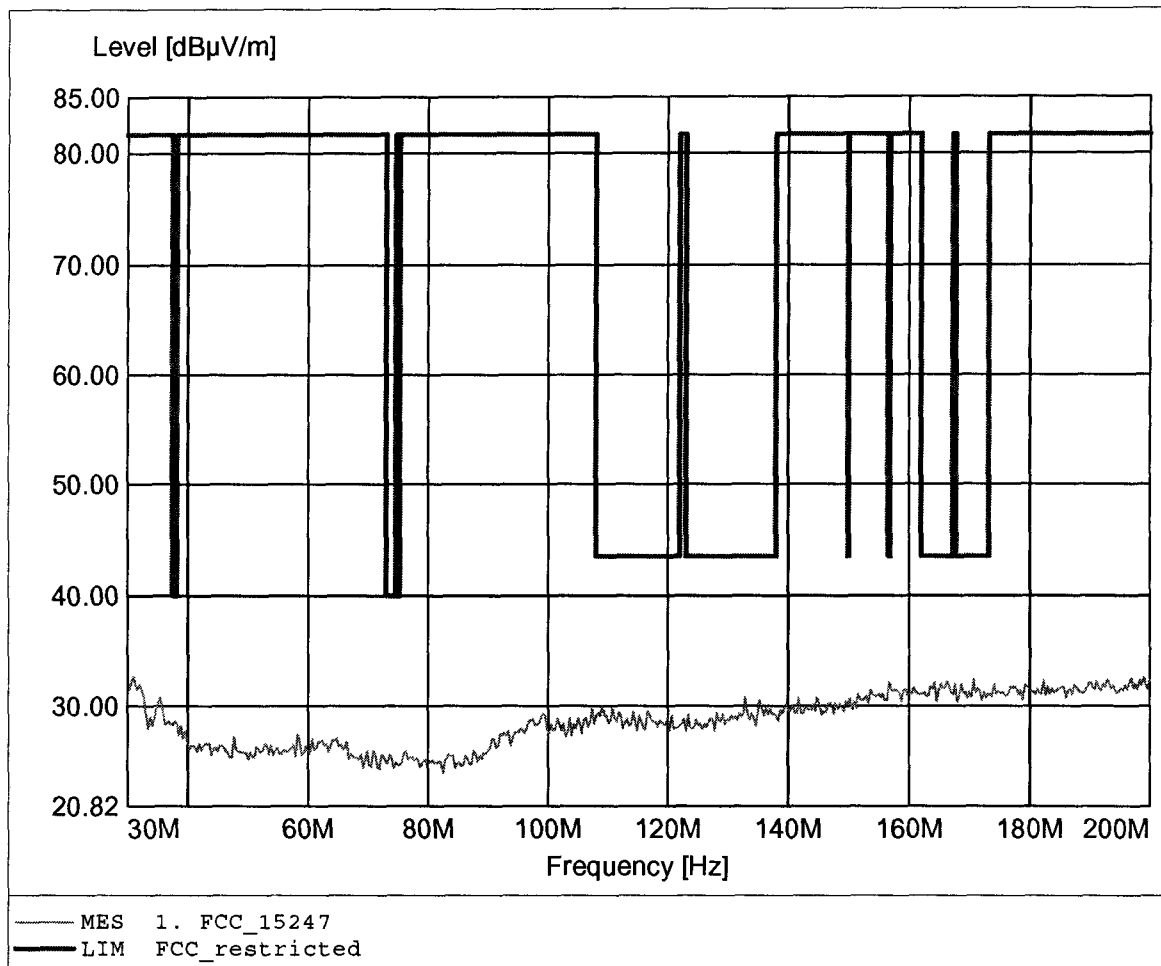
Approval Holder: H&ft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 172.064MHz, Emax: 32.90dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

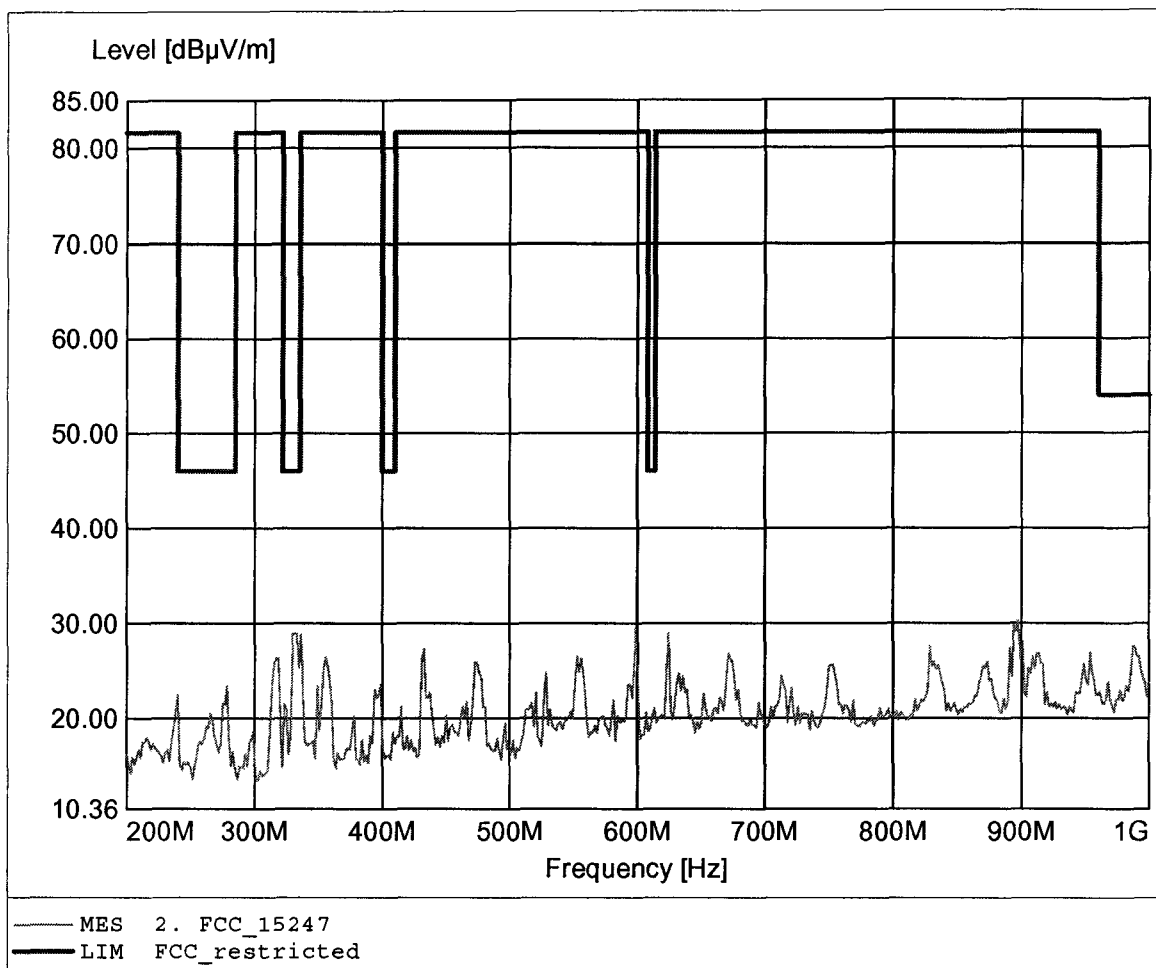
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 31.022MHz, Emax: 32.68dBuV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

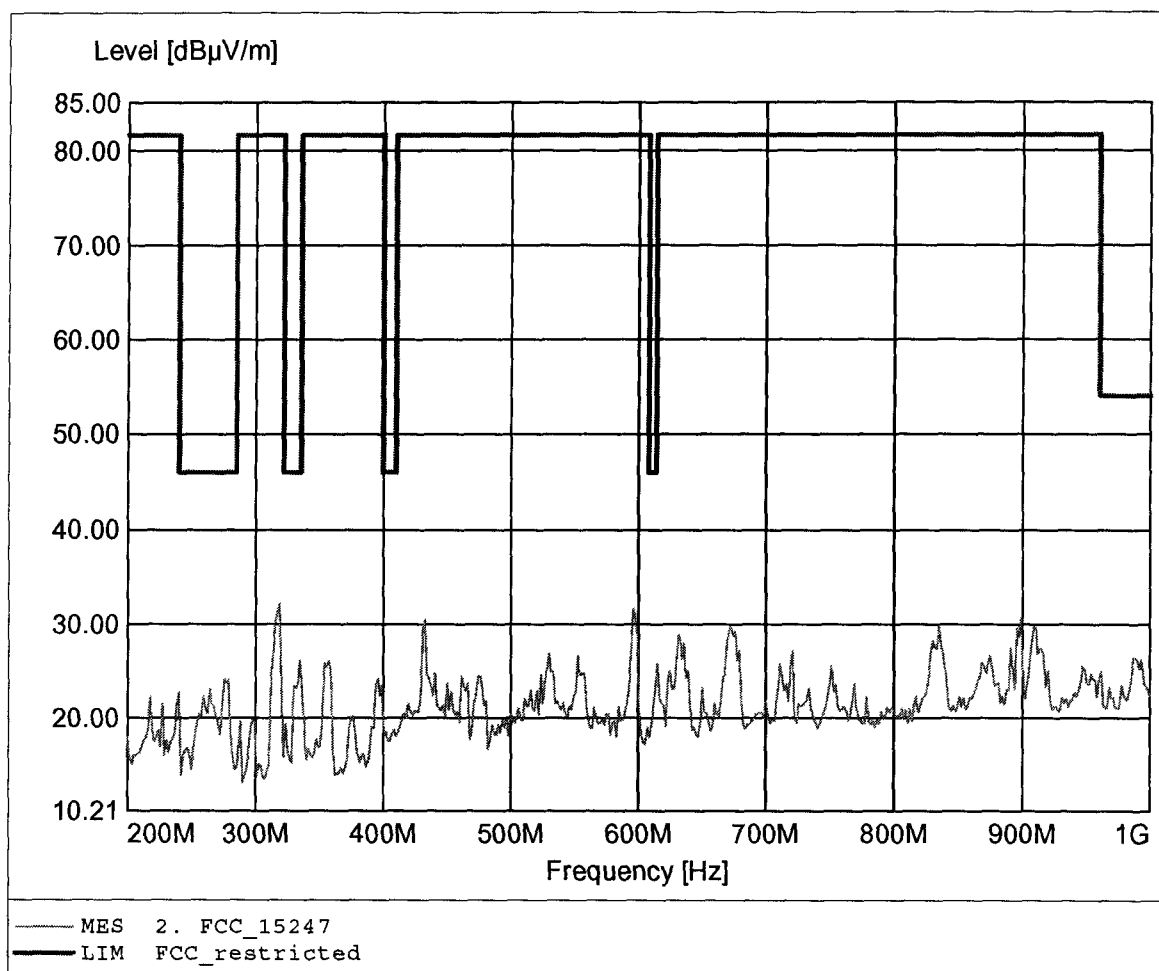
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 897.395MHz, Emax: 30.25dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

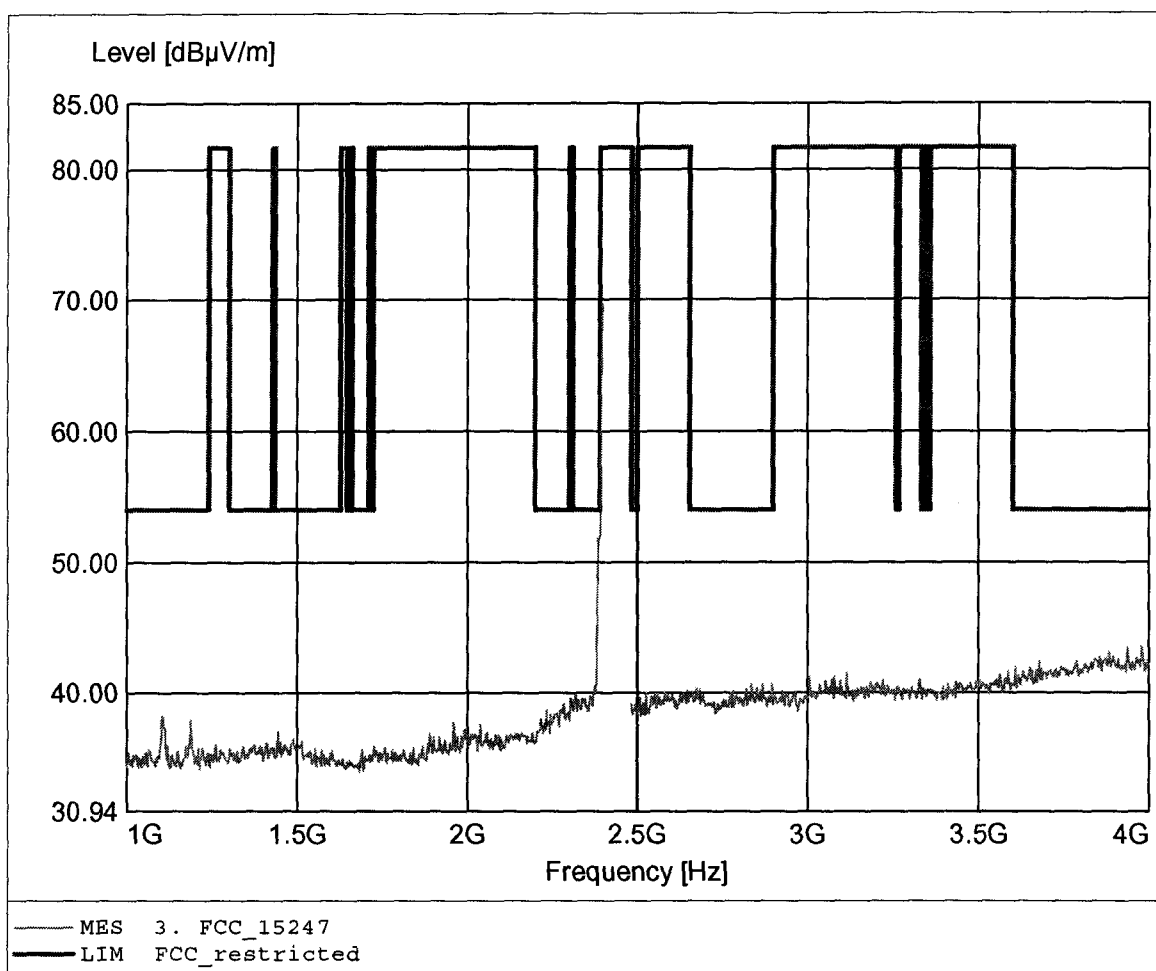
Approval Holder: H&ft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 318.637MHz, Emax: 32.24dBuV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

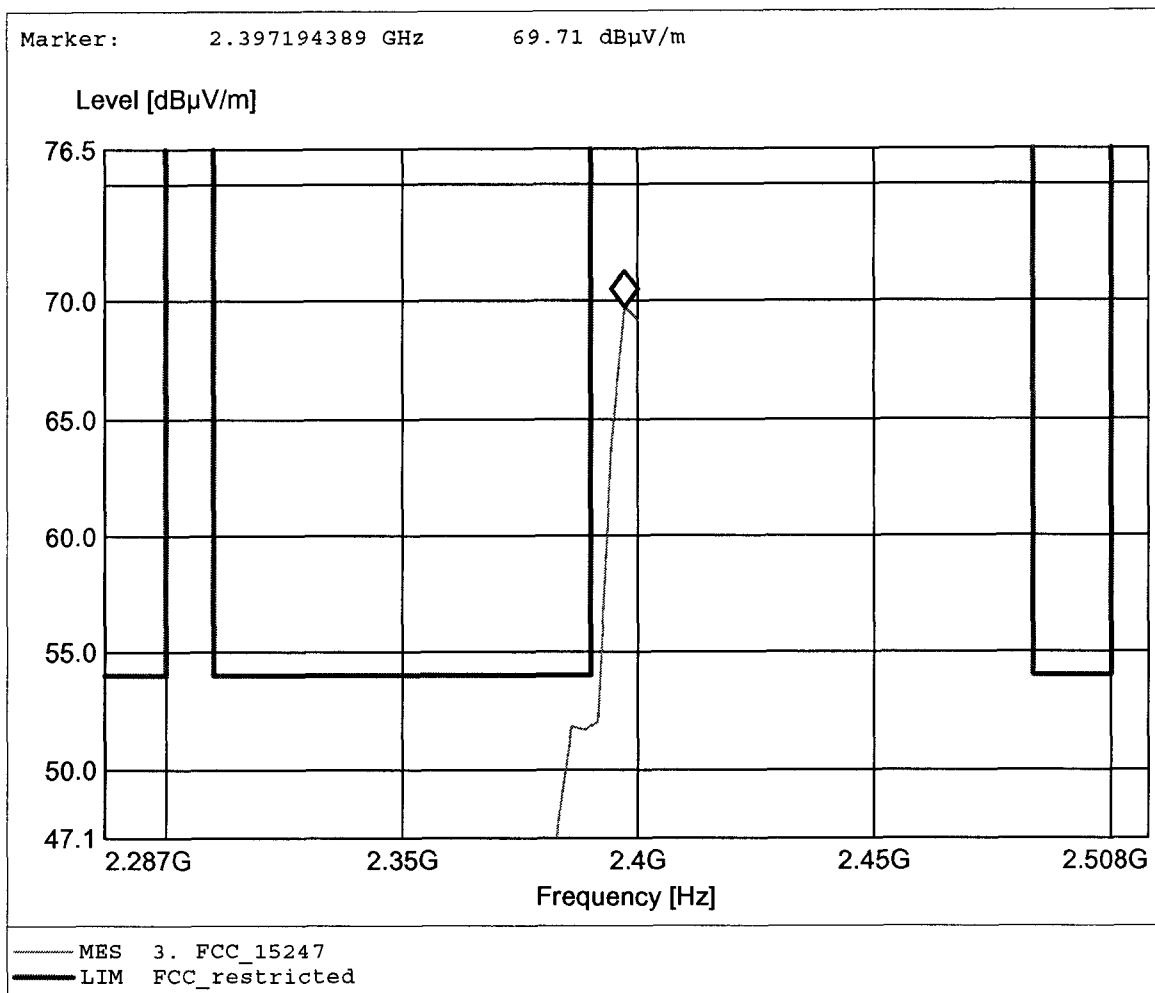
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 69.71dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

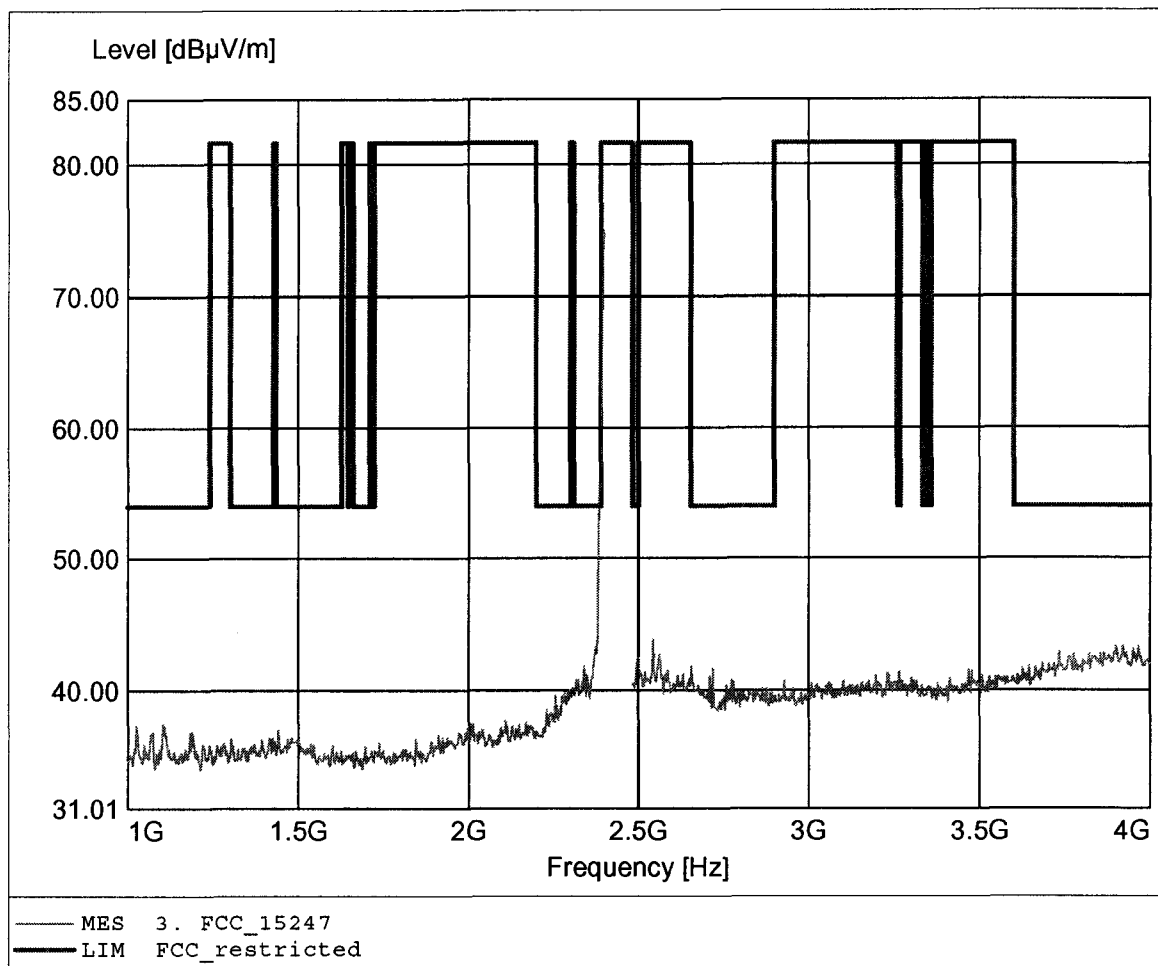
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 69.71dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

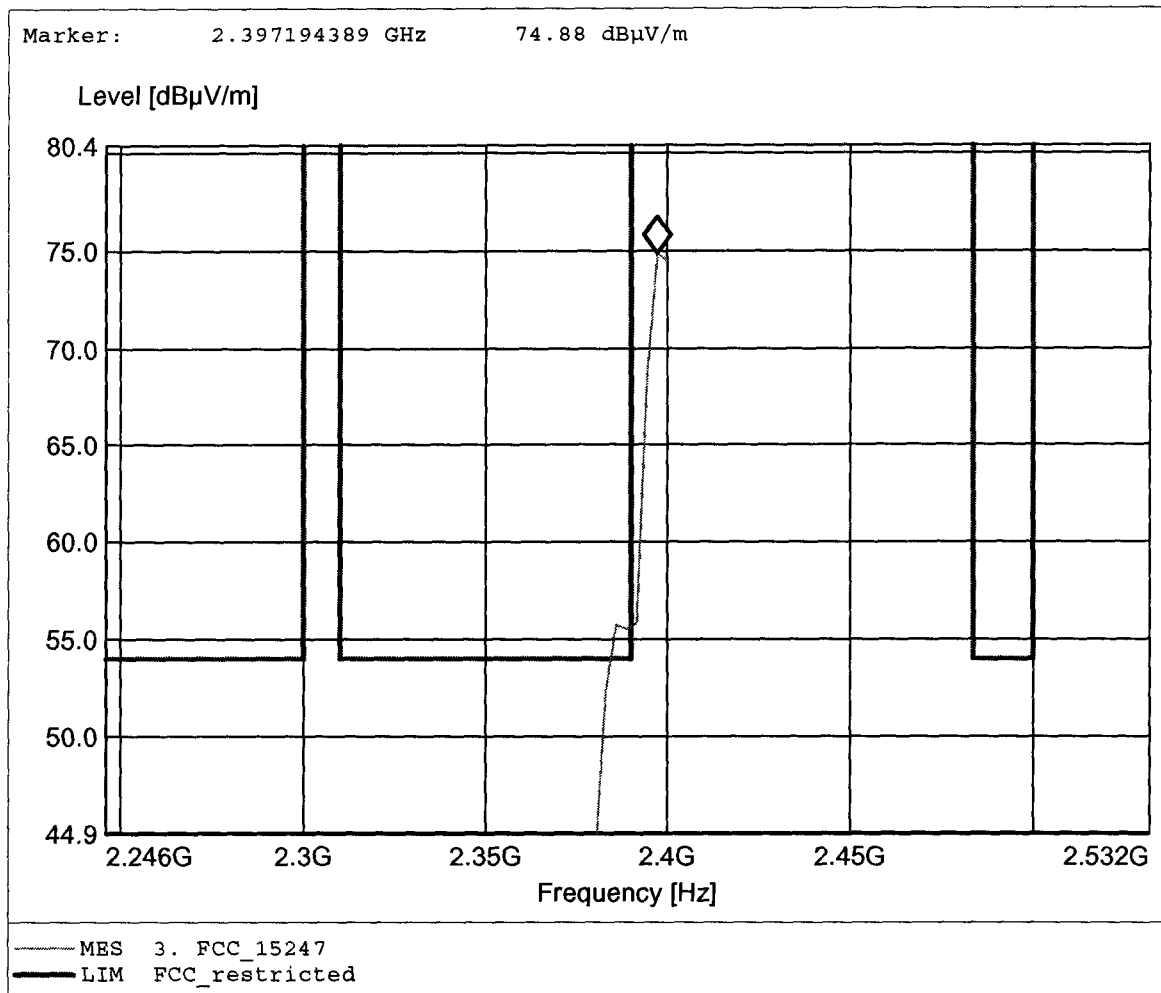
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 74.88dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

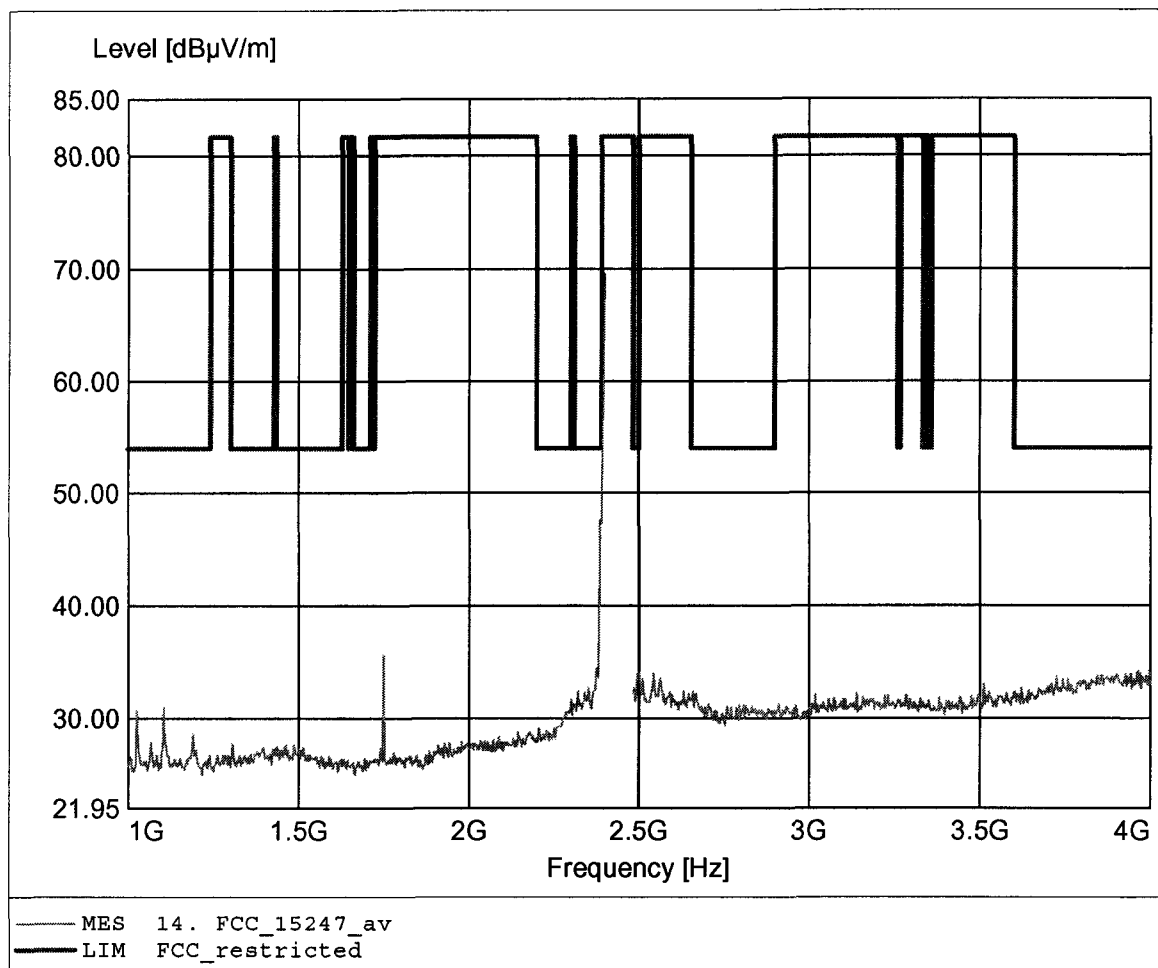
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 74.88dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

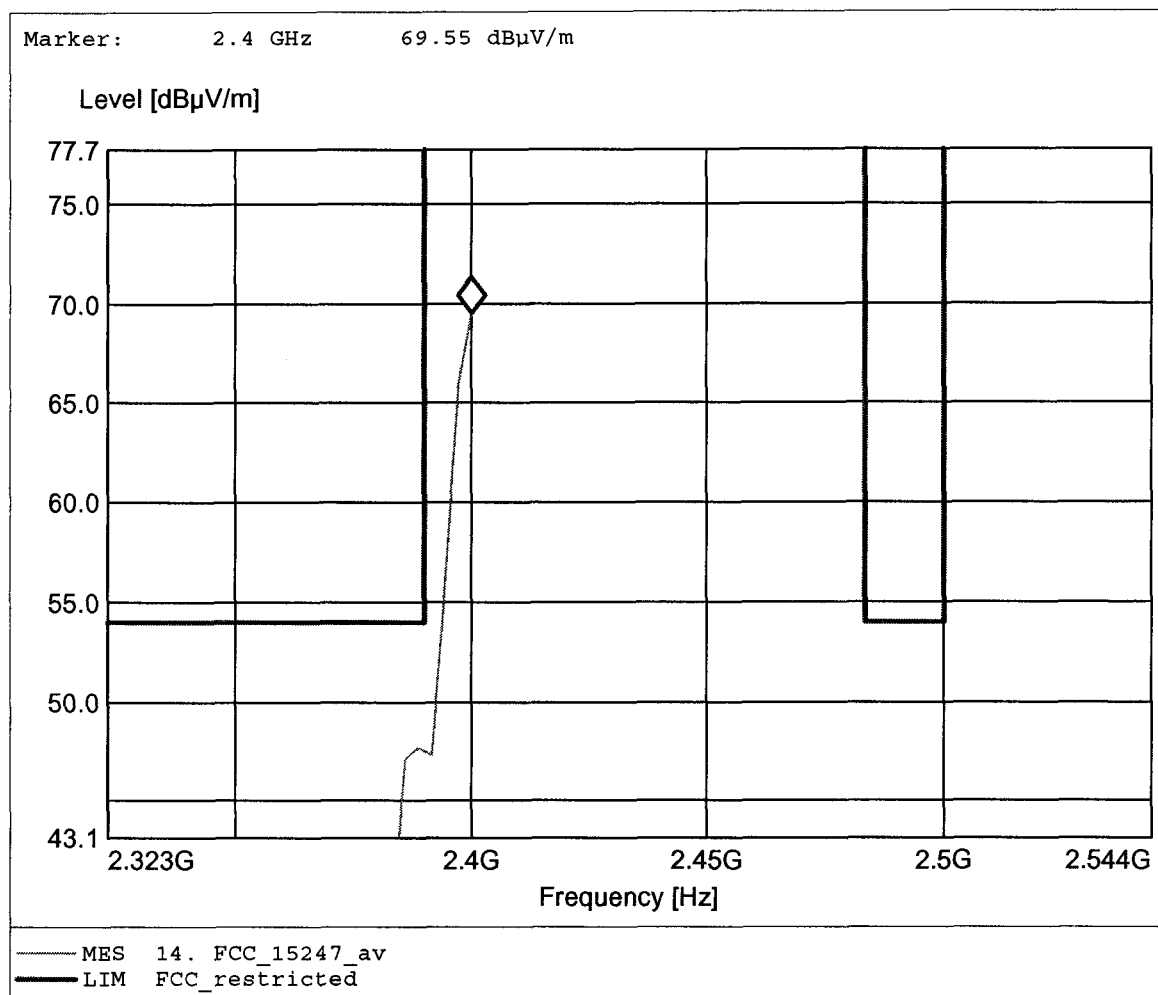
Approval Holder: Hft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 69.55dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

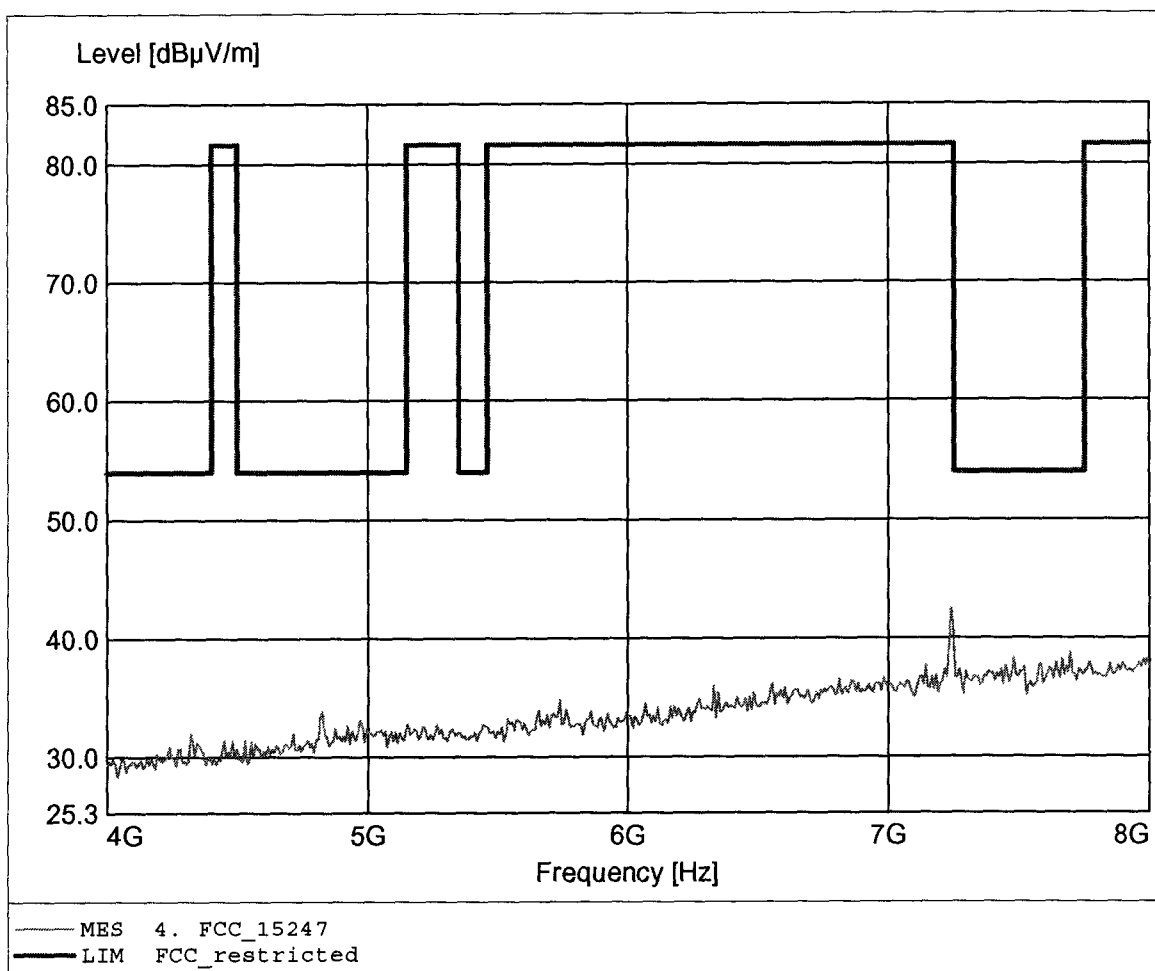
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 69.55dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

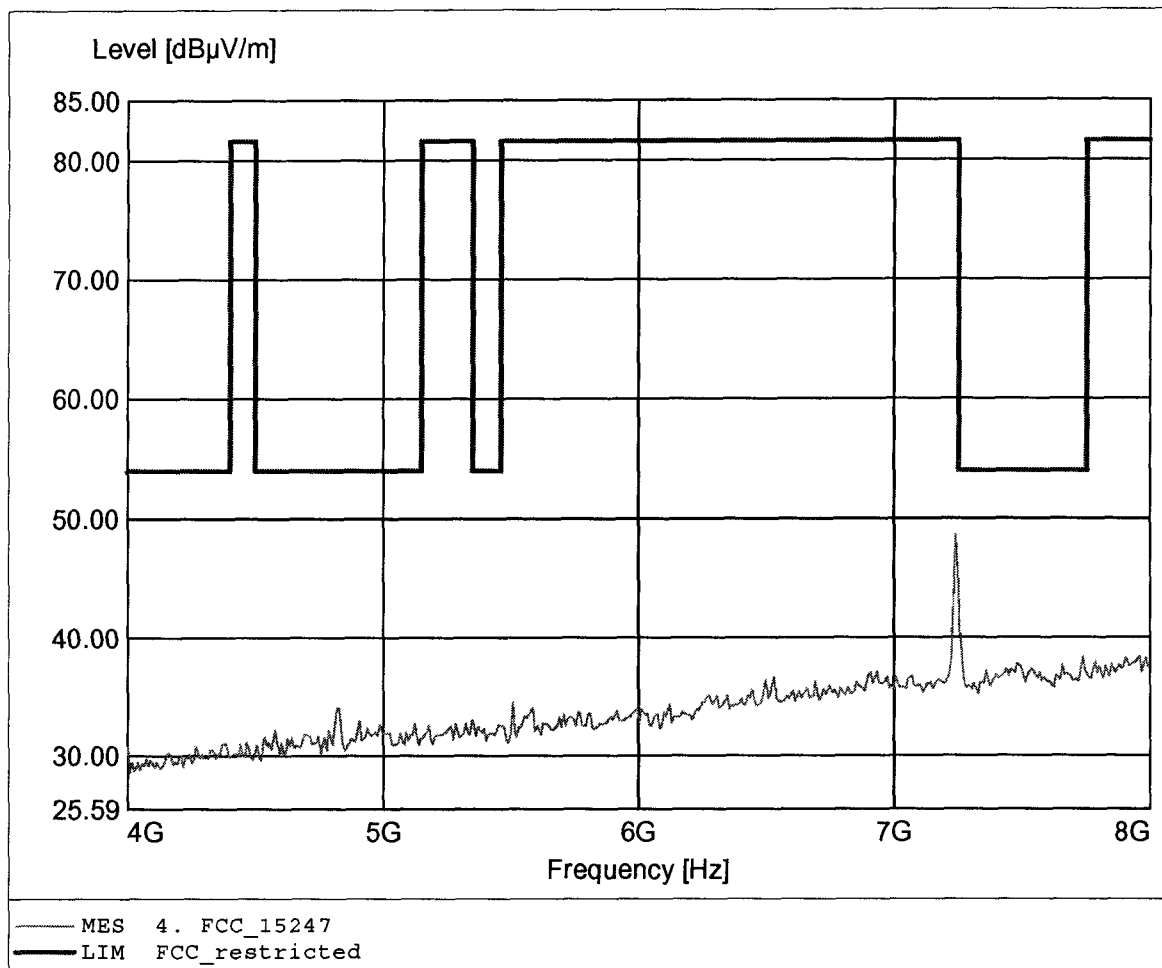
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.238GHz, Emax: 42.44dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

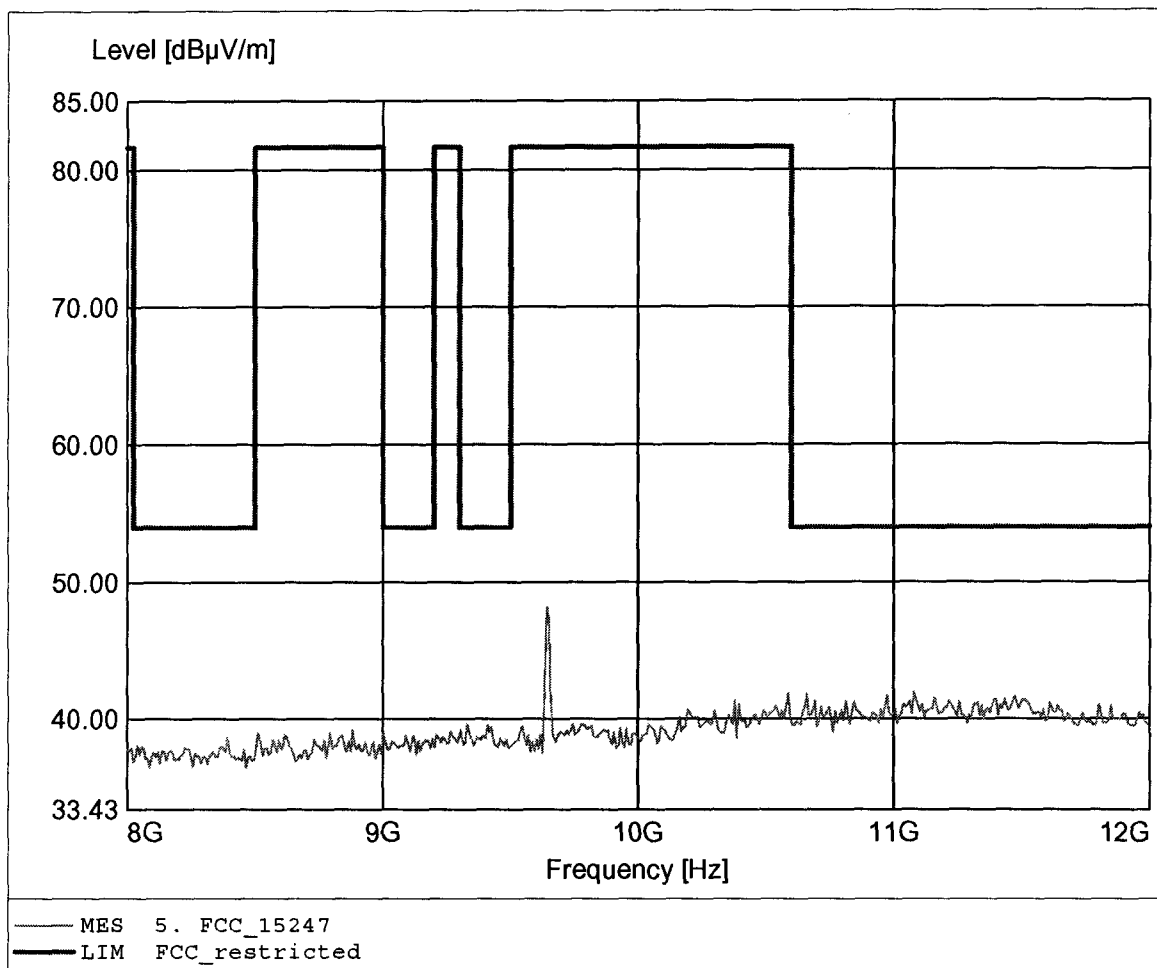
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.238GHz, Emax: 48.63dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

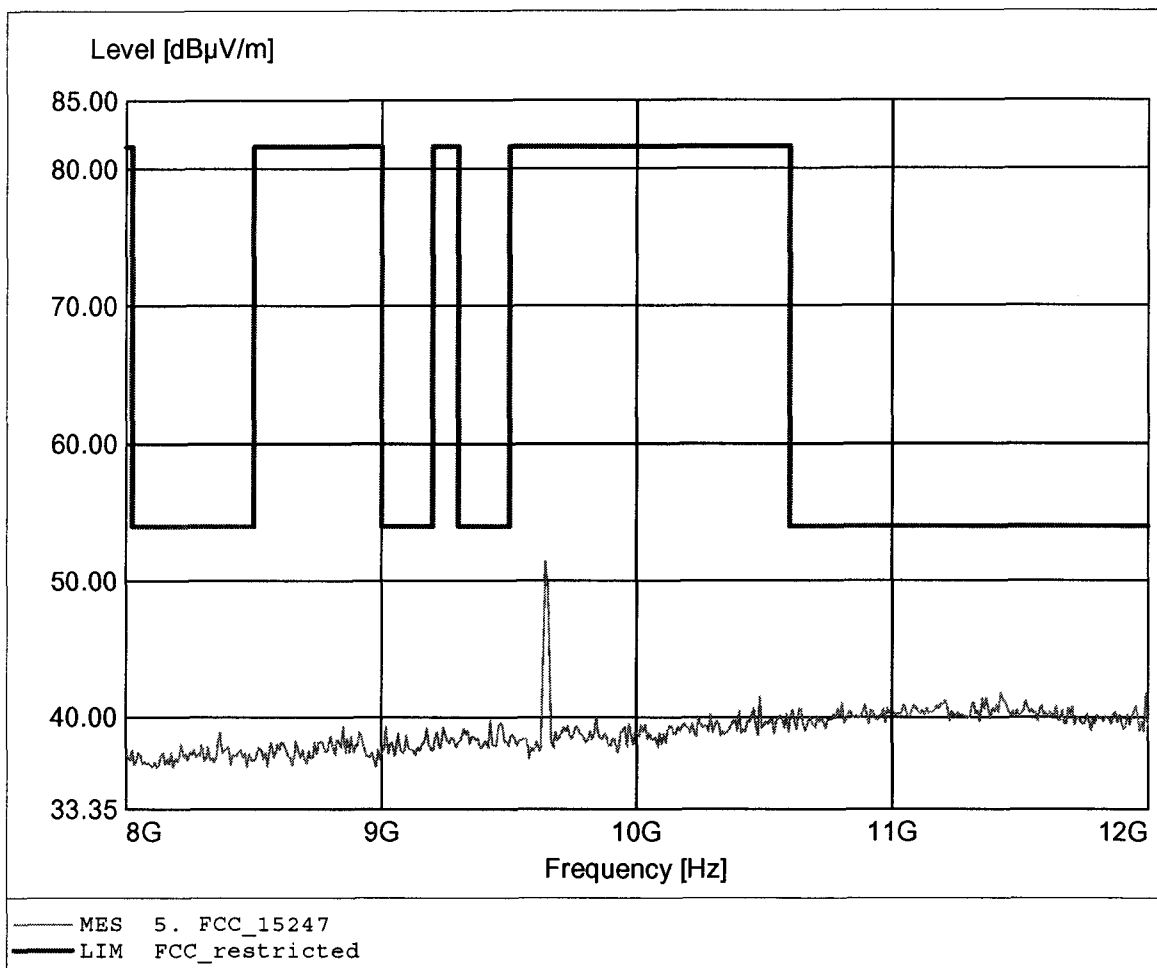
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.643GHz, Emax: 48.12dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

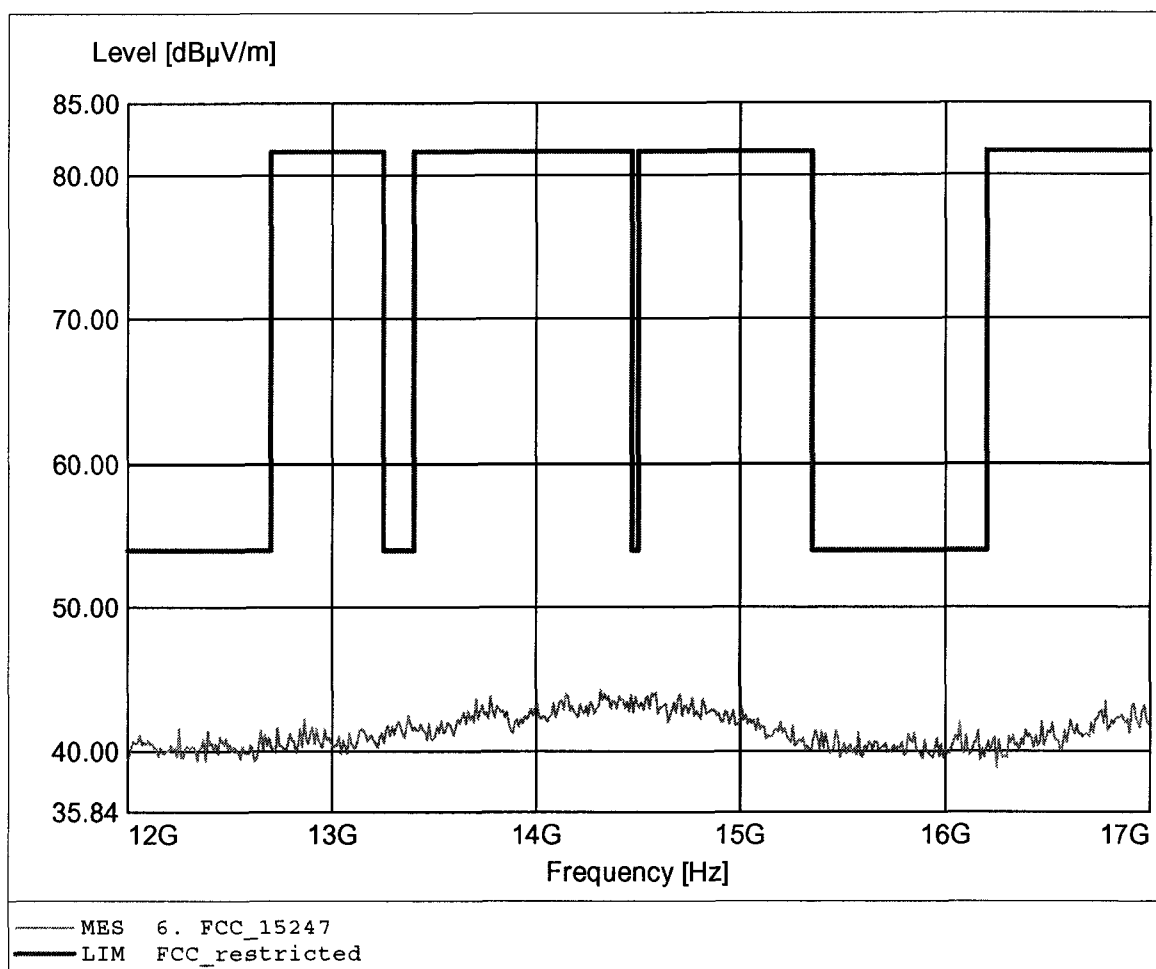
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.643GHz, Emax: 51.50dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

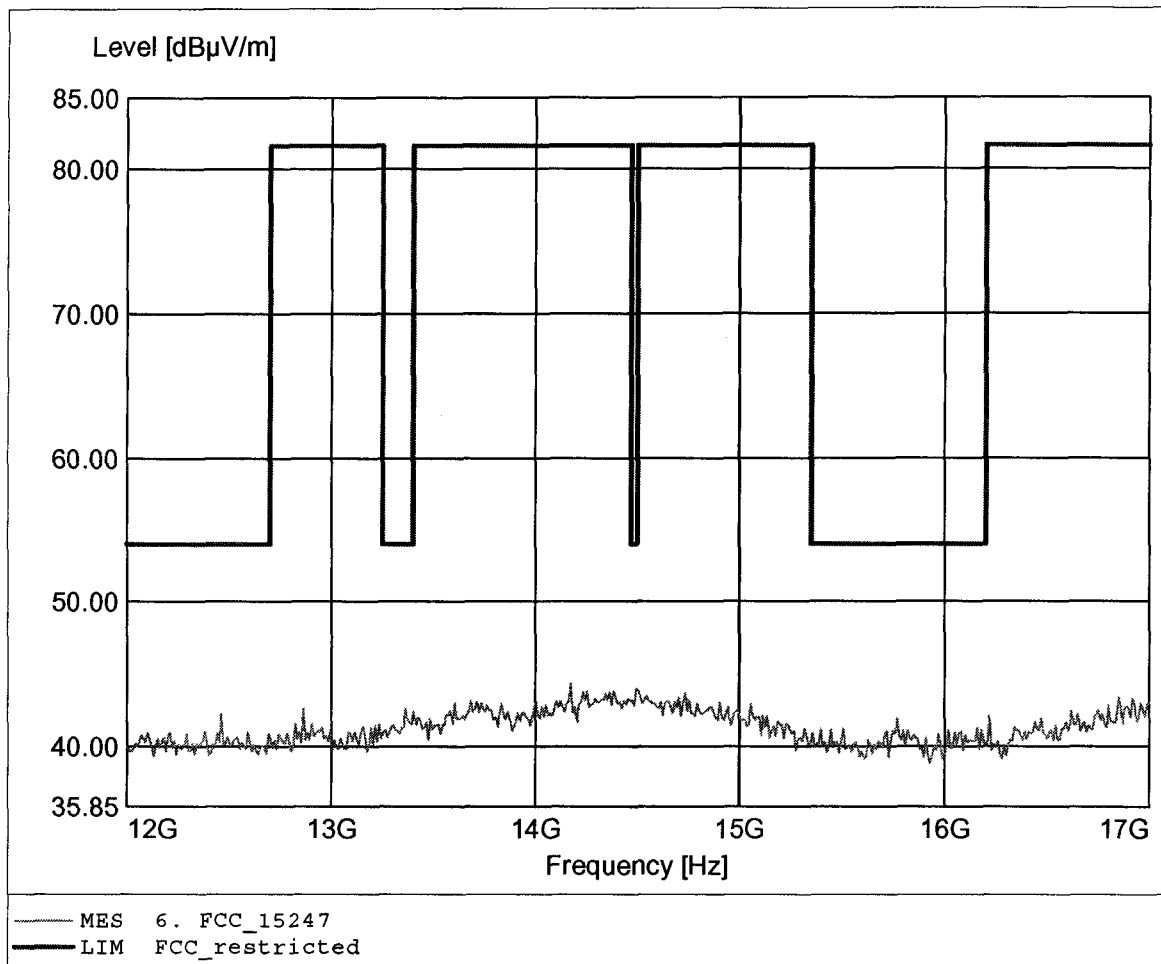
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.315GHz, Emax: 44.25dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

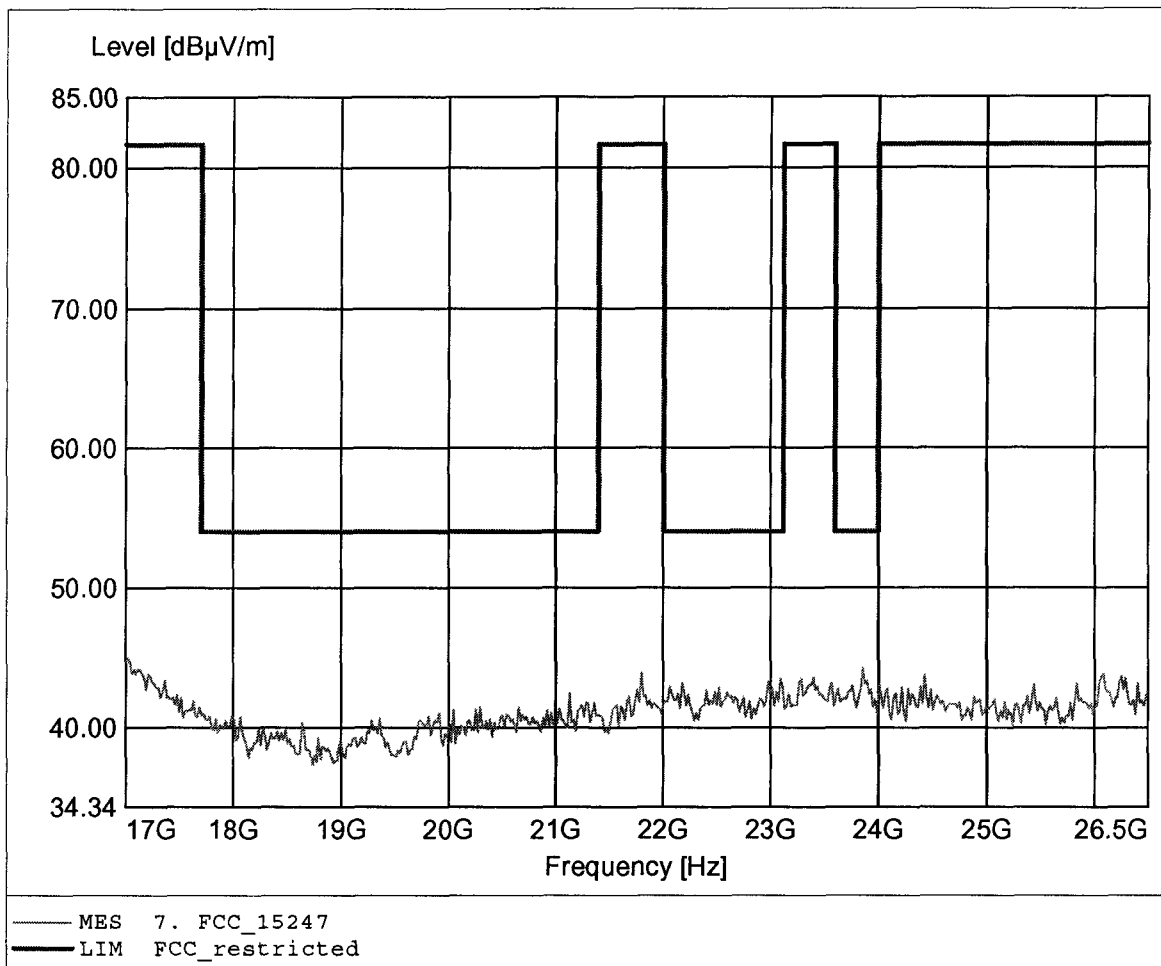
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.174GHz, Emax: 44.34dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

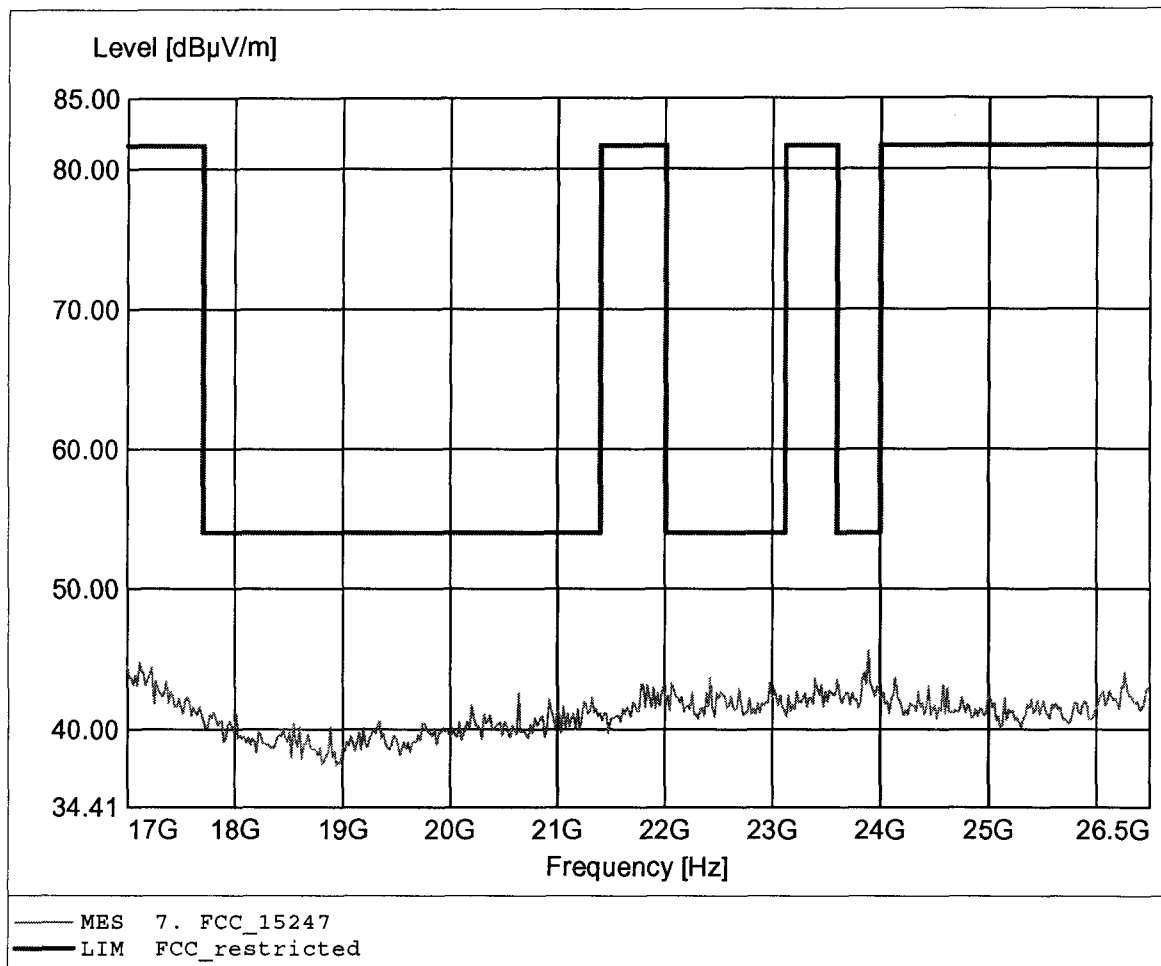
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.019GHz, Emax: 45.00dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

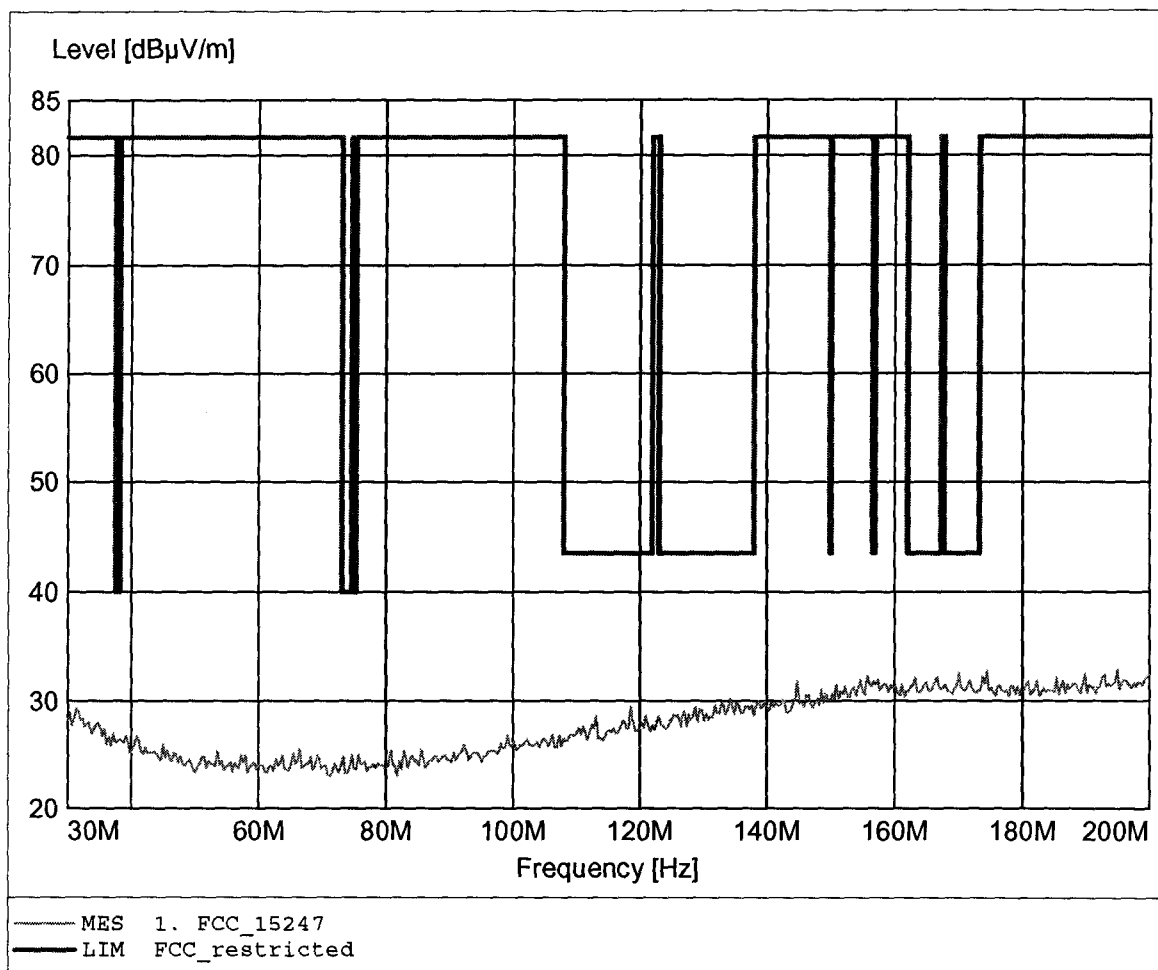
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.892GHz, Emax: 45.63dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 194.890MHz, Emax: 32.92dBµV/m, RBW: 100kHz



FCC RULES PART 15, SUBPART C

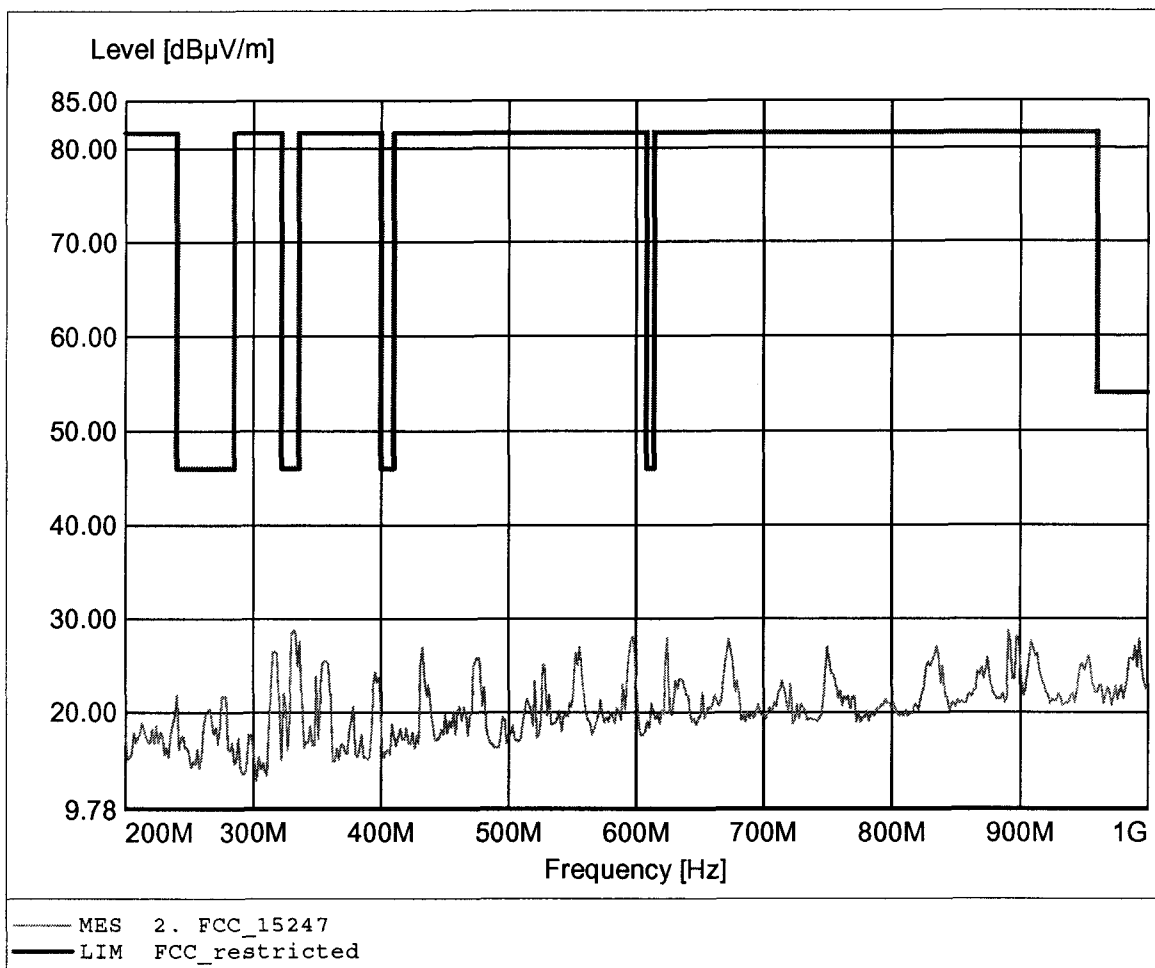
The graph displays the Level [dBμV/m] on the y-axis (ranging from 20.88 to 85.00) against Frequency [Hz] on the x-axis (ranging from 30M to 200M). Two curves are plotted: a thin line for MES (1. FCC_15247) and a thick line for LIM (FCC_restricted). The LIM curve shows a stepped profile with several sharp vertical drops, while the MES curve is a relatively flat, noisy line around 30 dBμV/m.

Frequency [Hz]	MES [dBμV/m]	LIM [dBμV/m]
30M	~32	~82
60M	~28	~82
80M	~25	~82
100M	~28	~82
120M	~28	~43
140M	~30	~82
160M	~31	~43
180M	~32	~82
200M	~32	~82

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

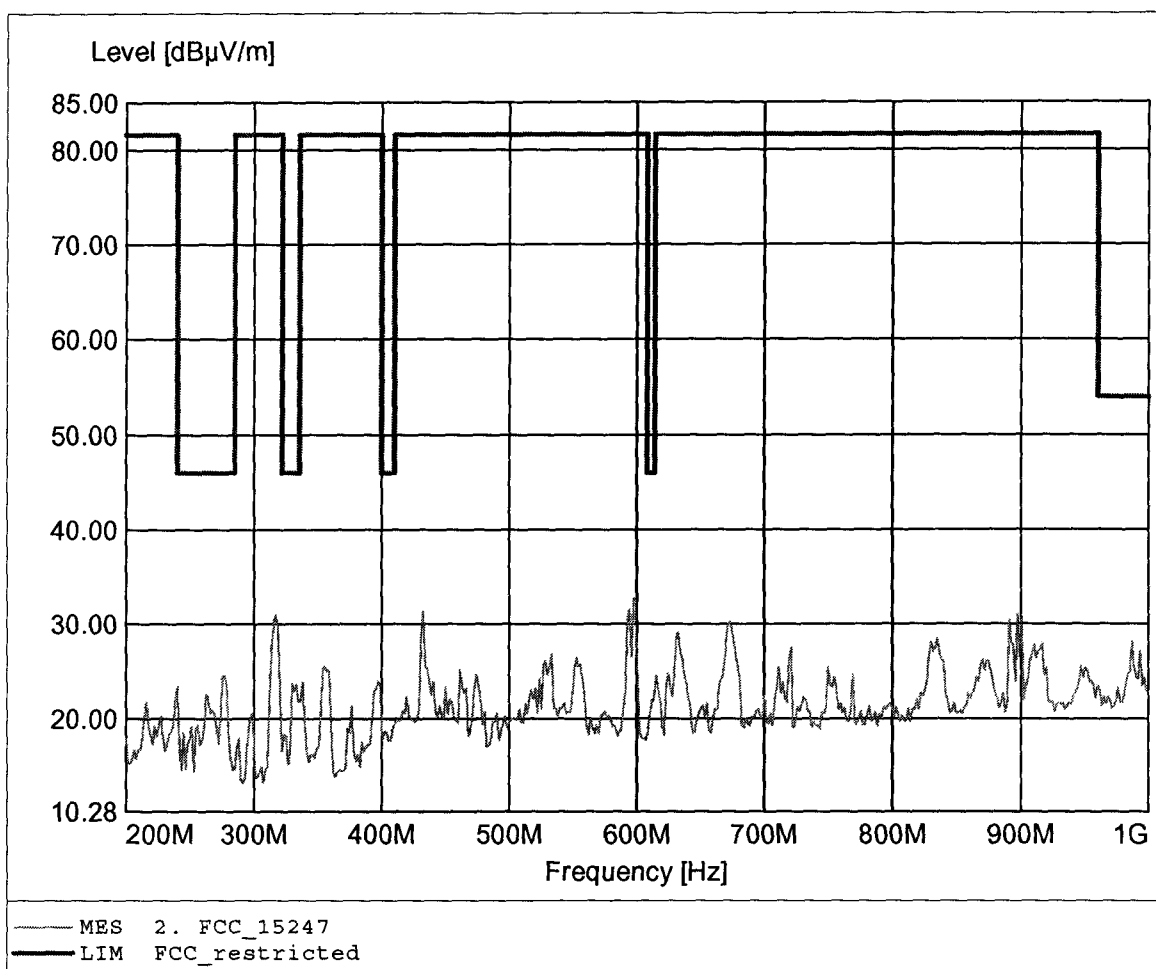
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 331.463MHz, Emax: 28.72dBuV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

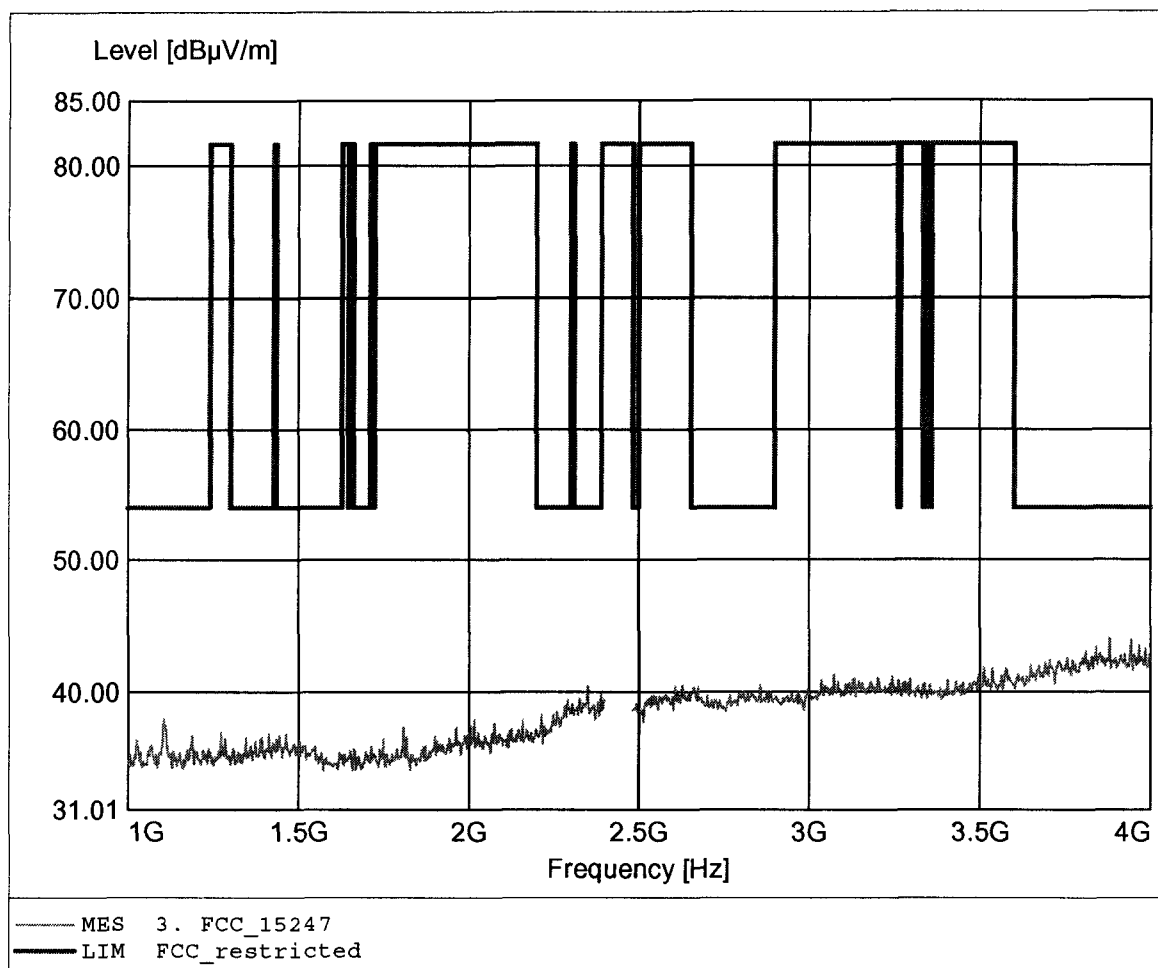
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 599.198MHz, Emax: 32.72dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

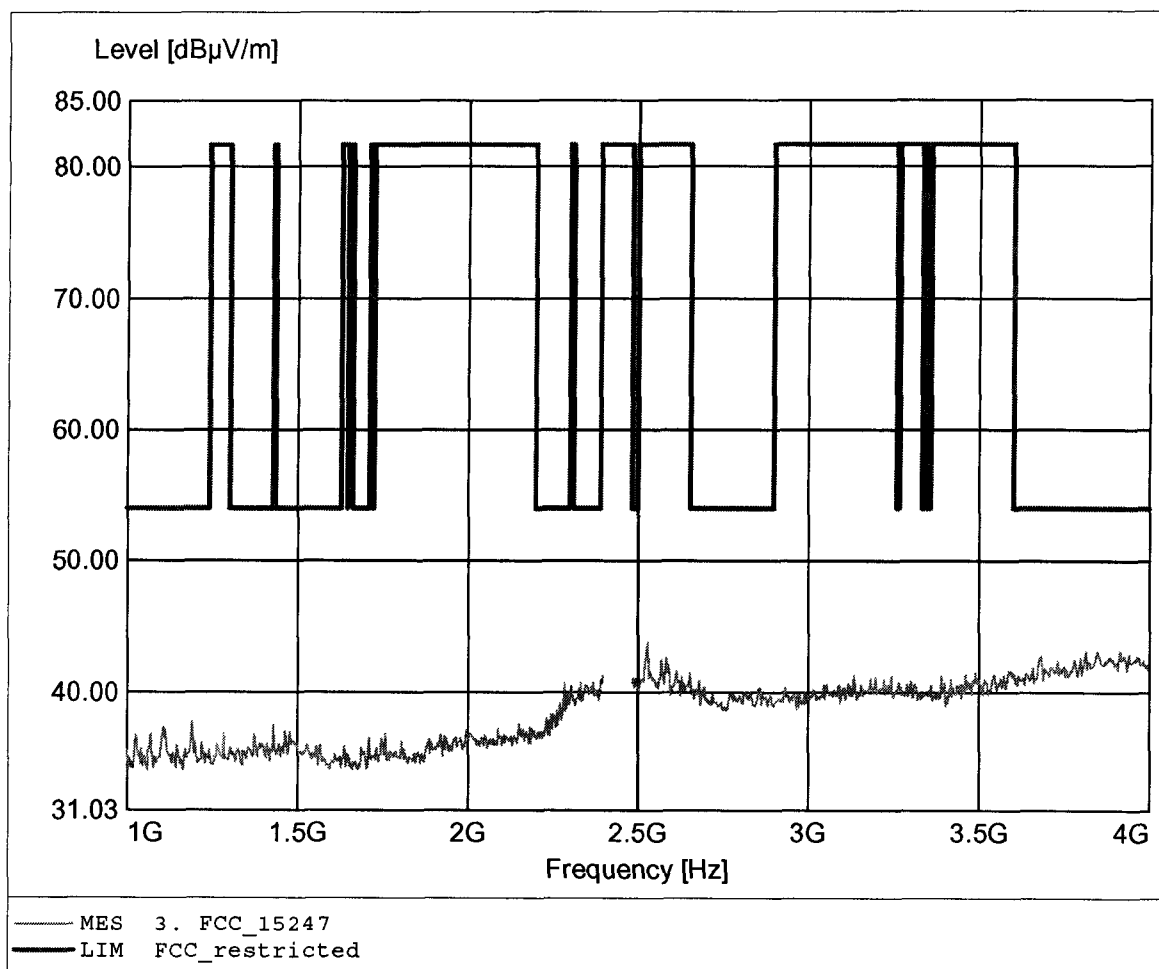
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.878GHz, Emax: 44.01dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

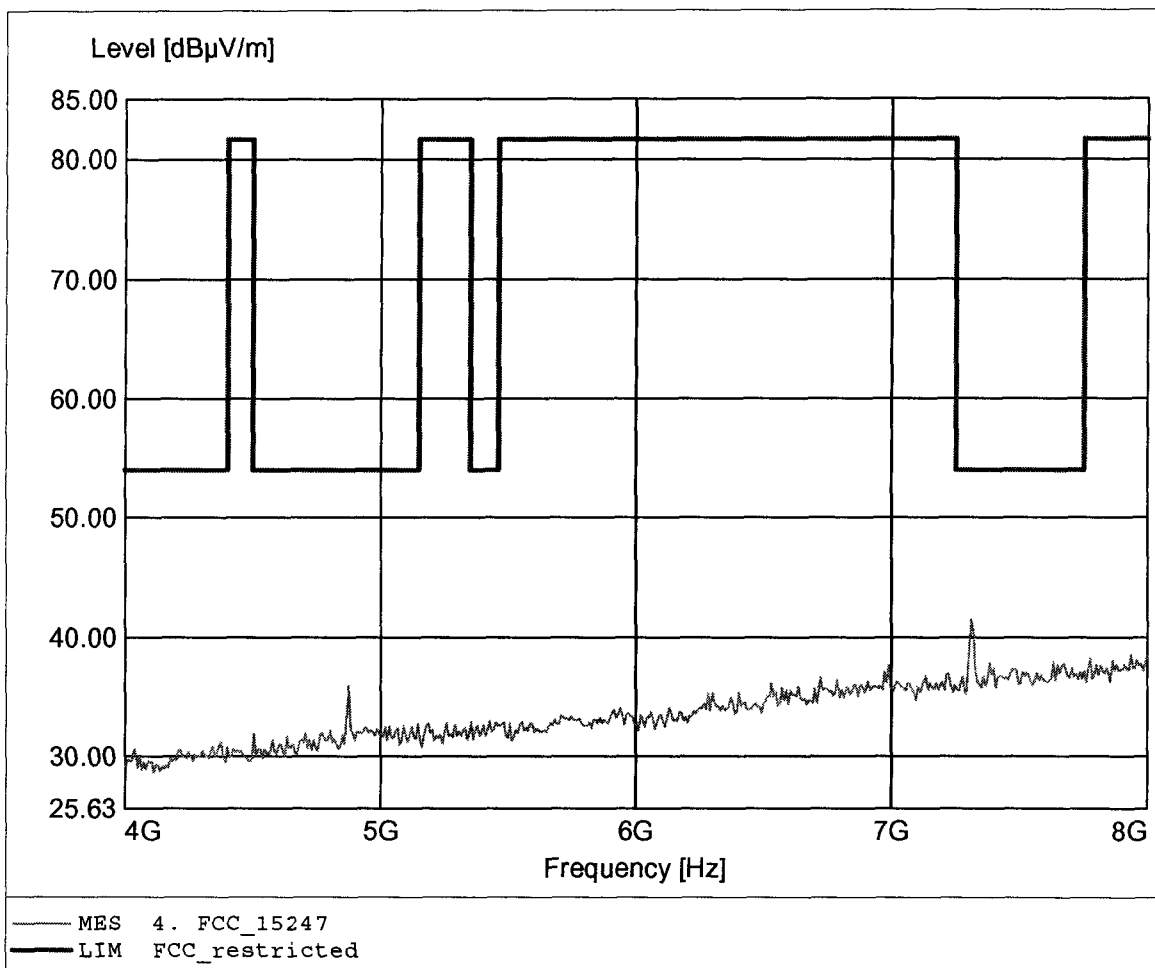
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.529GHz, Emax: 43.82dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

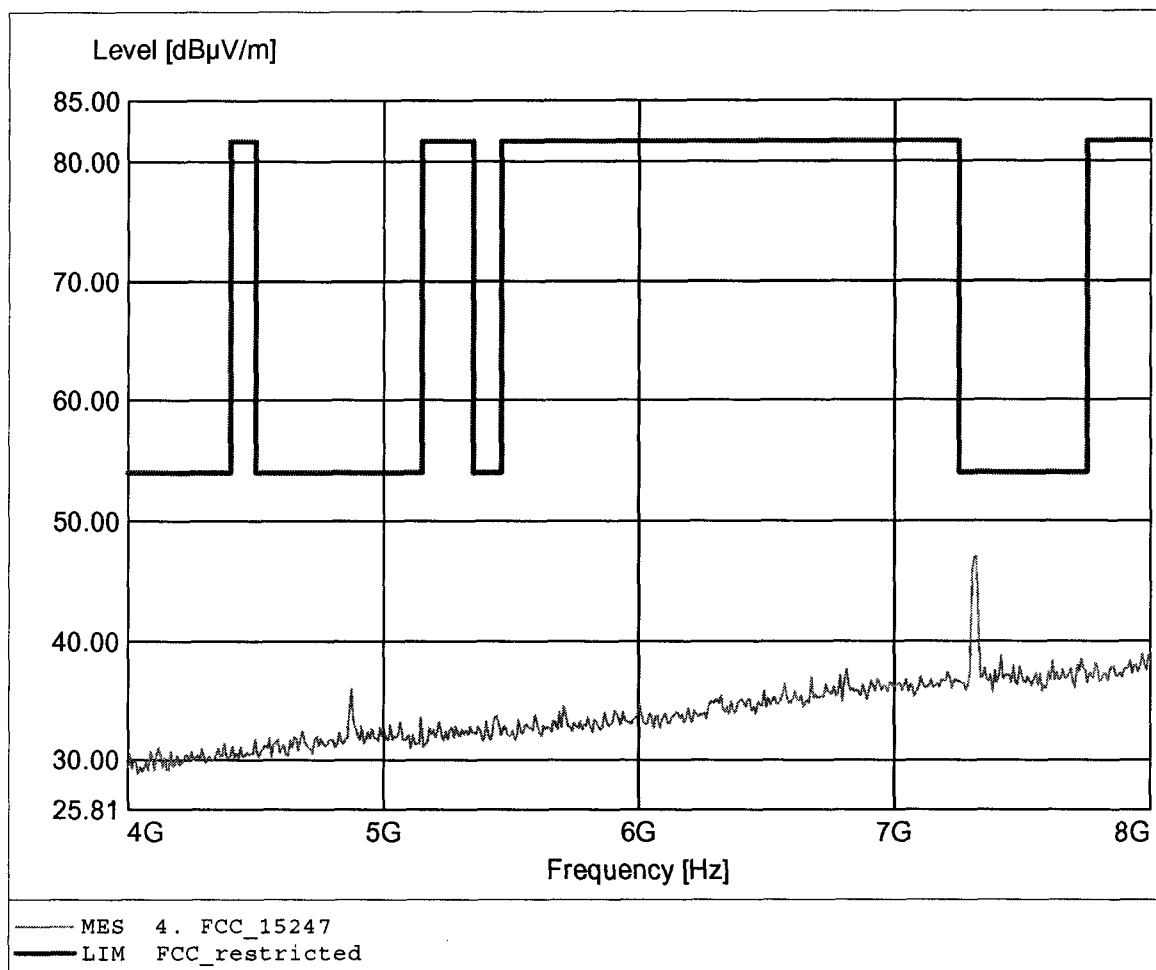
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.311GHz, Emax: 41.46dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

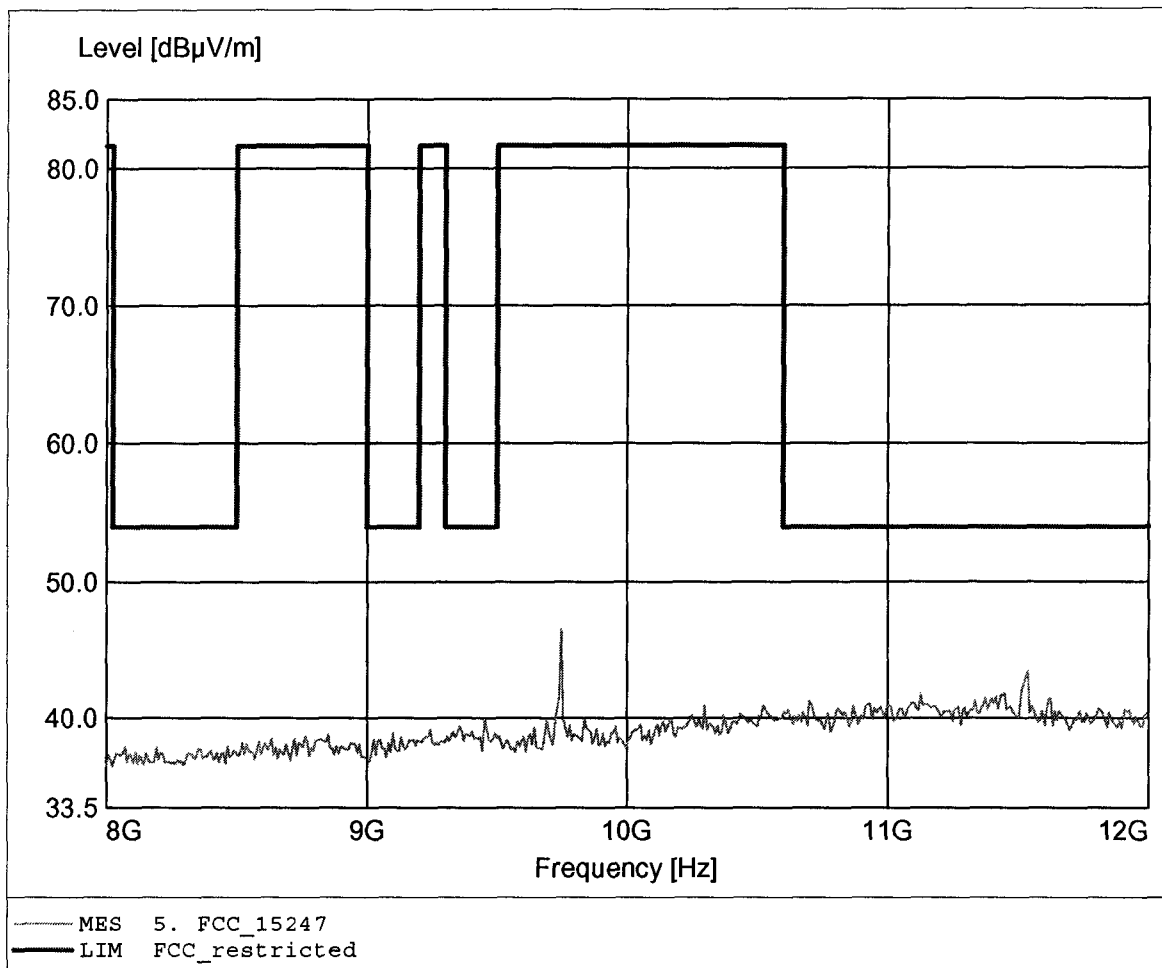
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.319GHz, Emax: 47.05dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

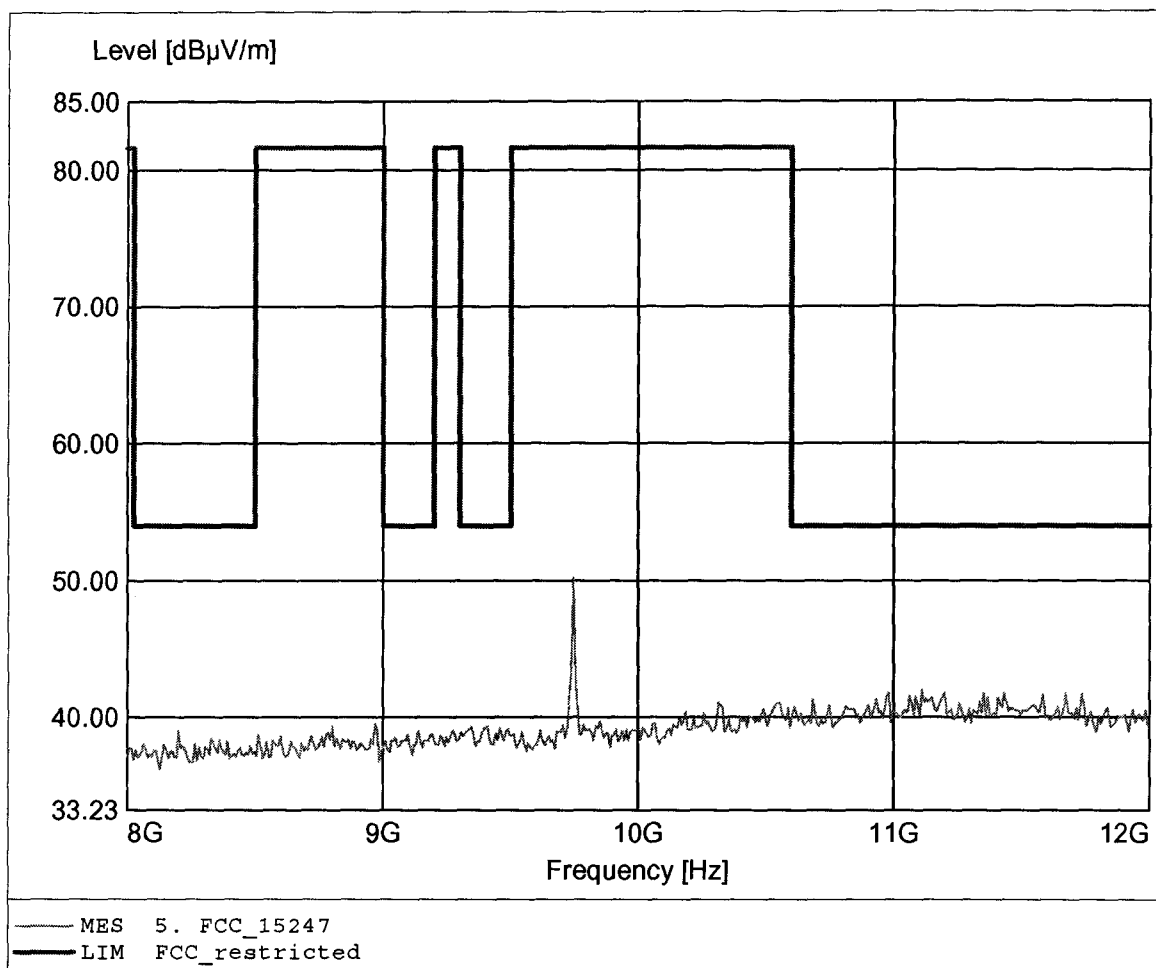
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.747GHz, Emax: 46.56dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

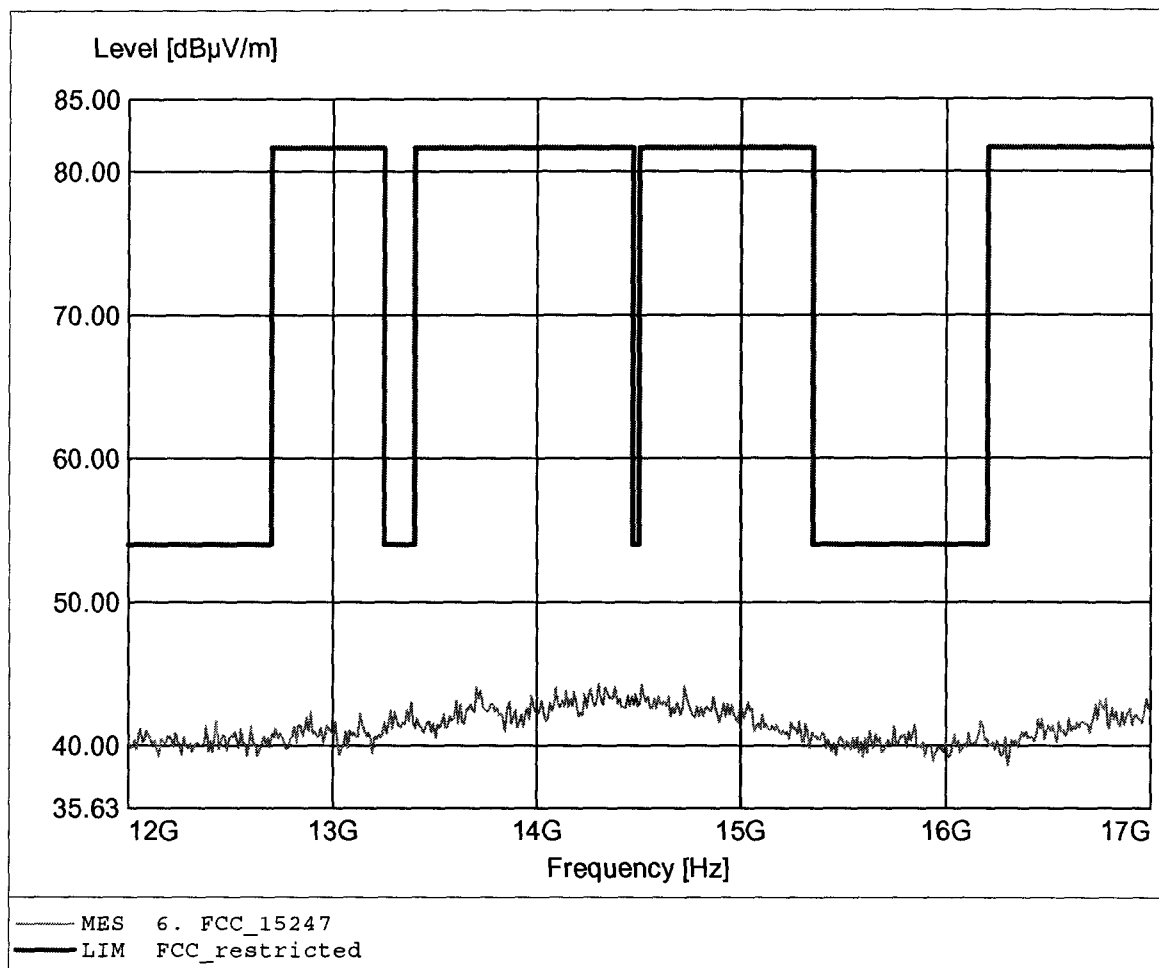
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.747GHz, Emax: 50.17dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

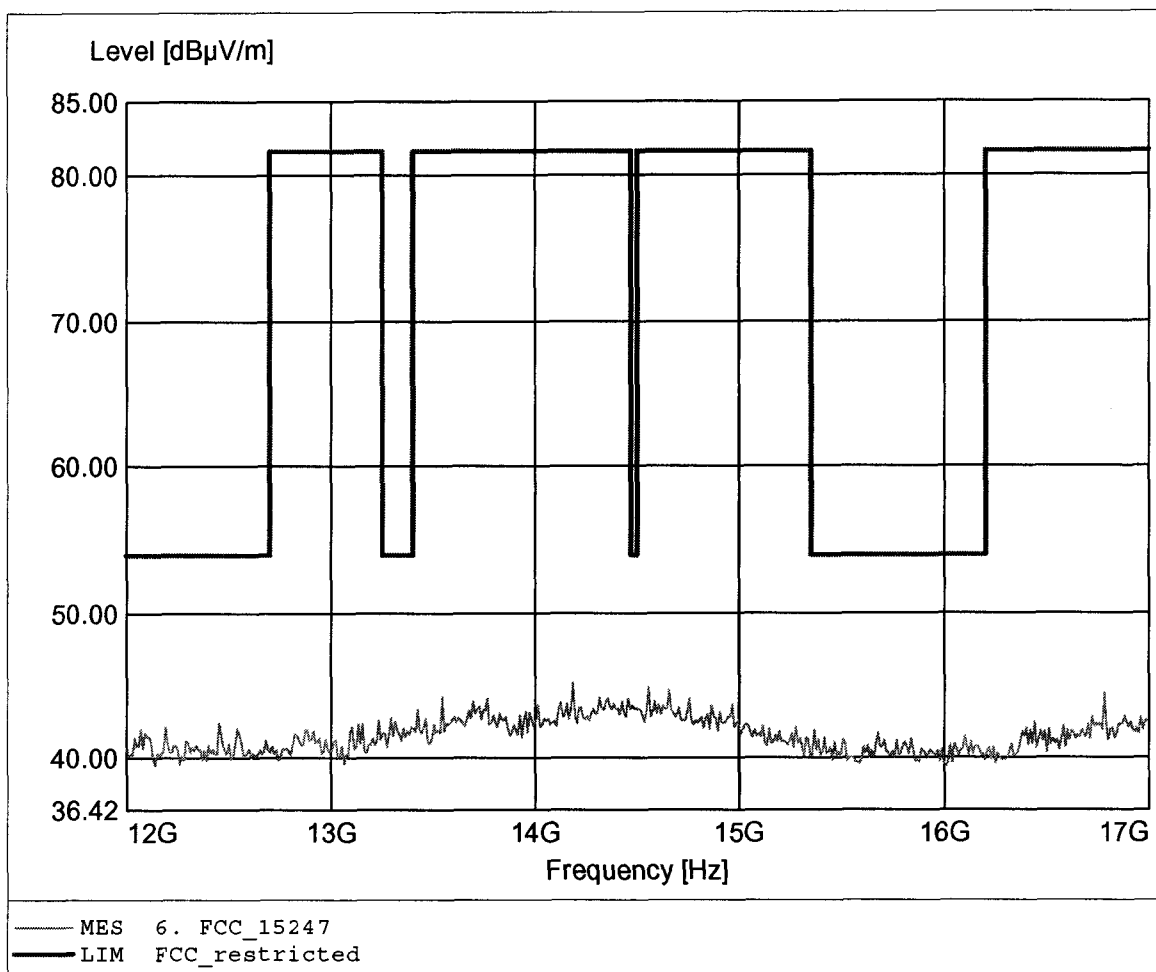
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.305GHz, Emax: 44.33dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

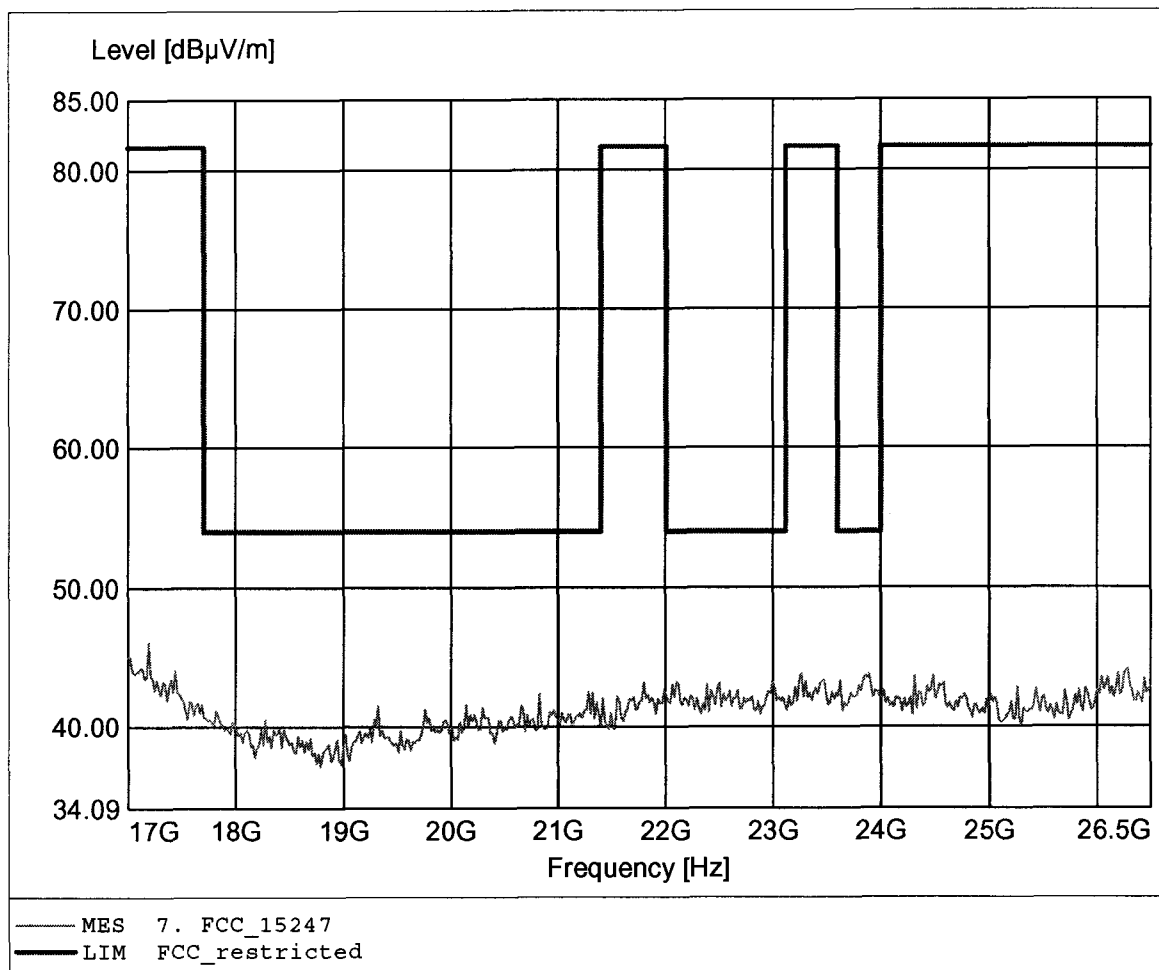
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.184GHz, Emax: 45.18dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

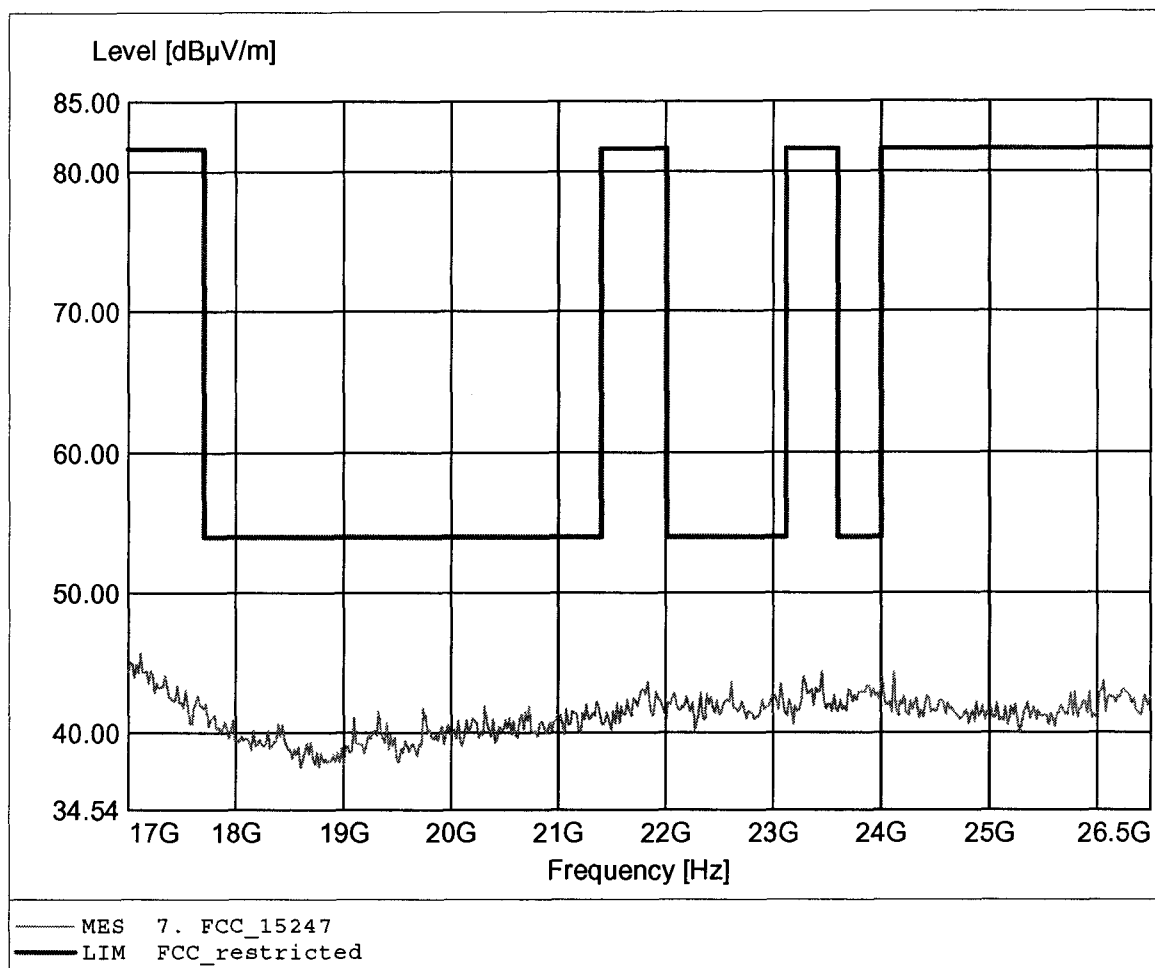
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.190GHz, Emax: 46.13dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

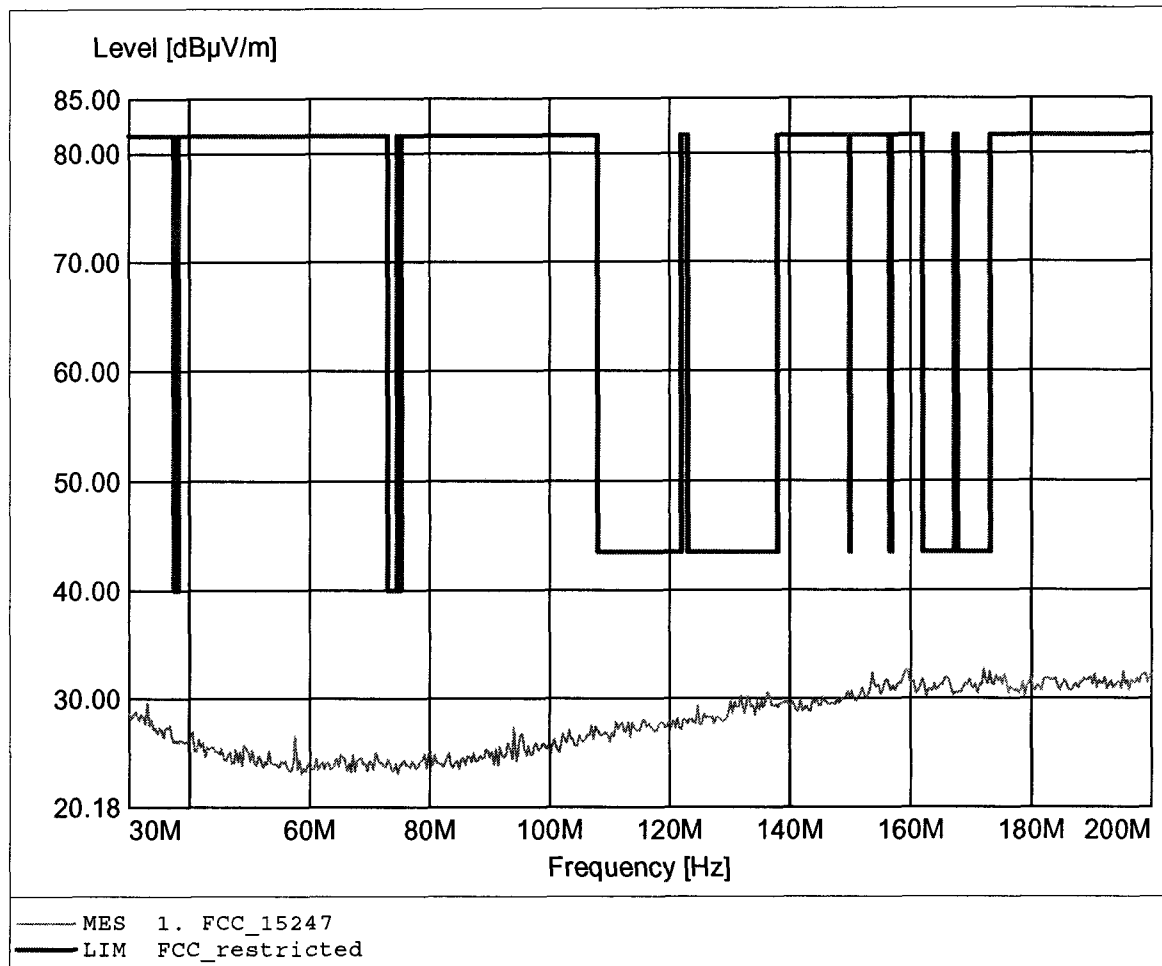
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.114GHz, Emax: 45.68dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

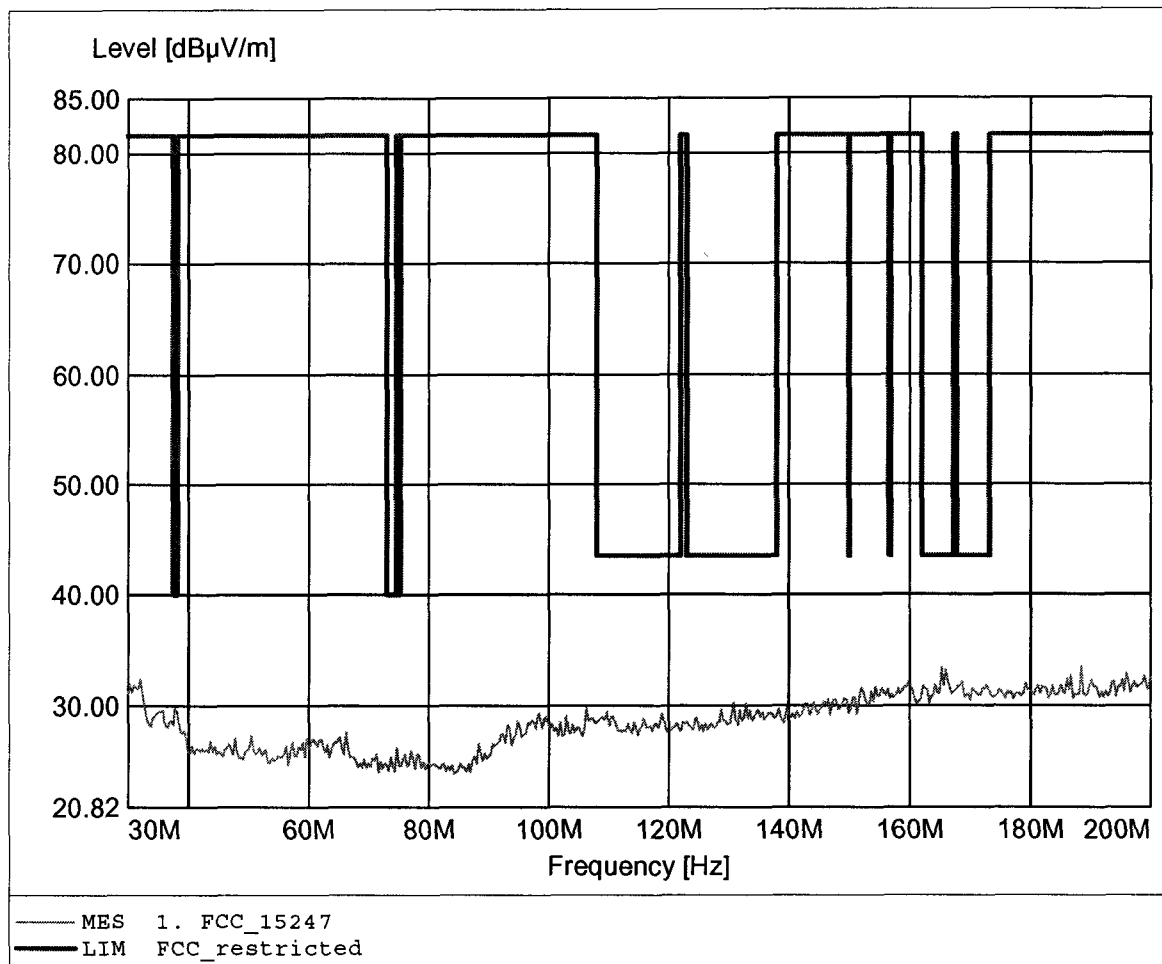
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 172.064MHz, Emax: 32.72dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

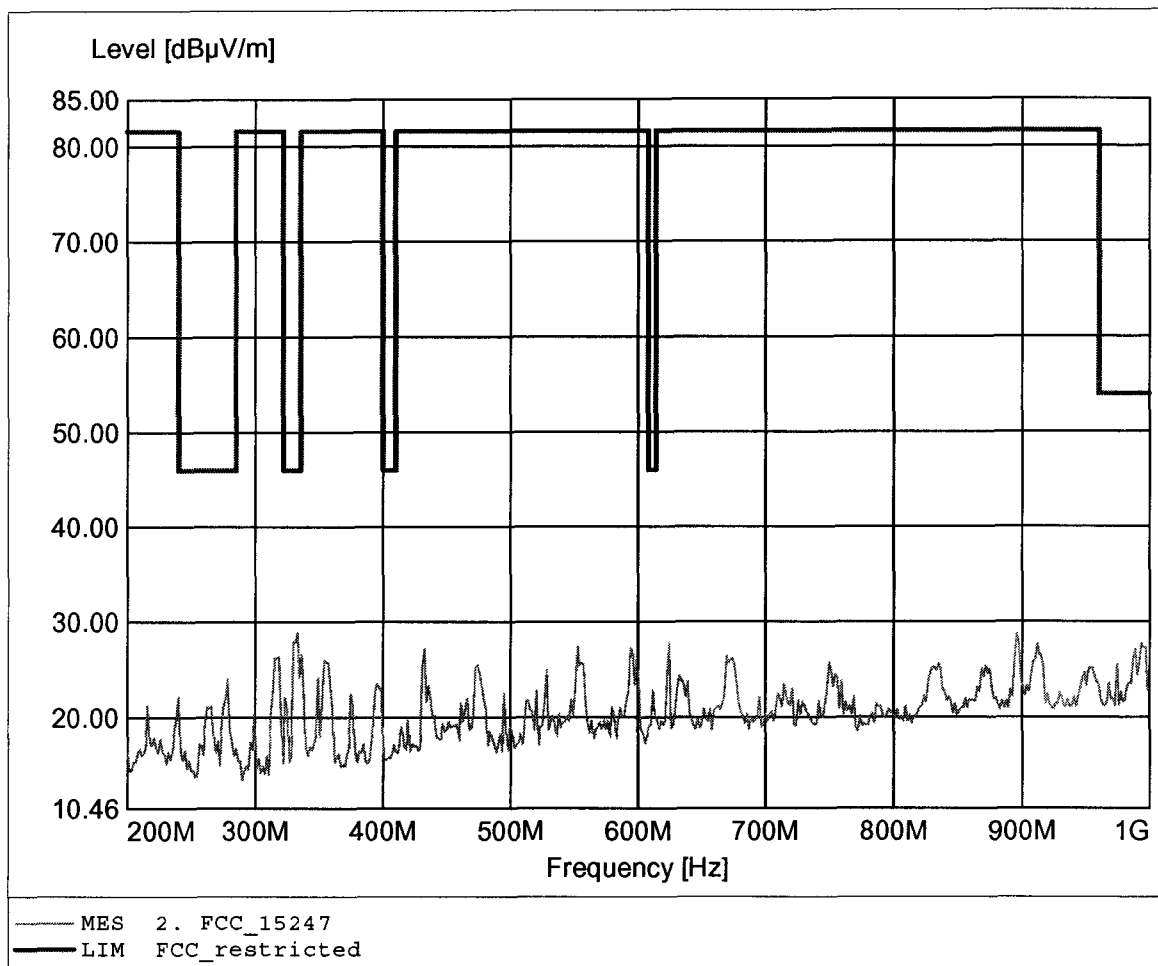
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 188.417MHz, Emax: 33.44dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

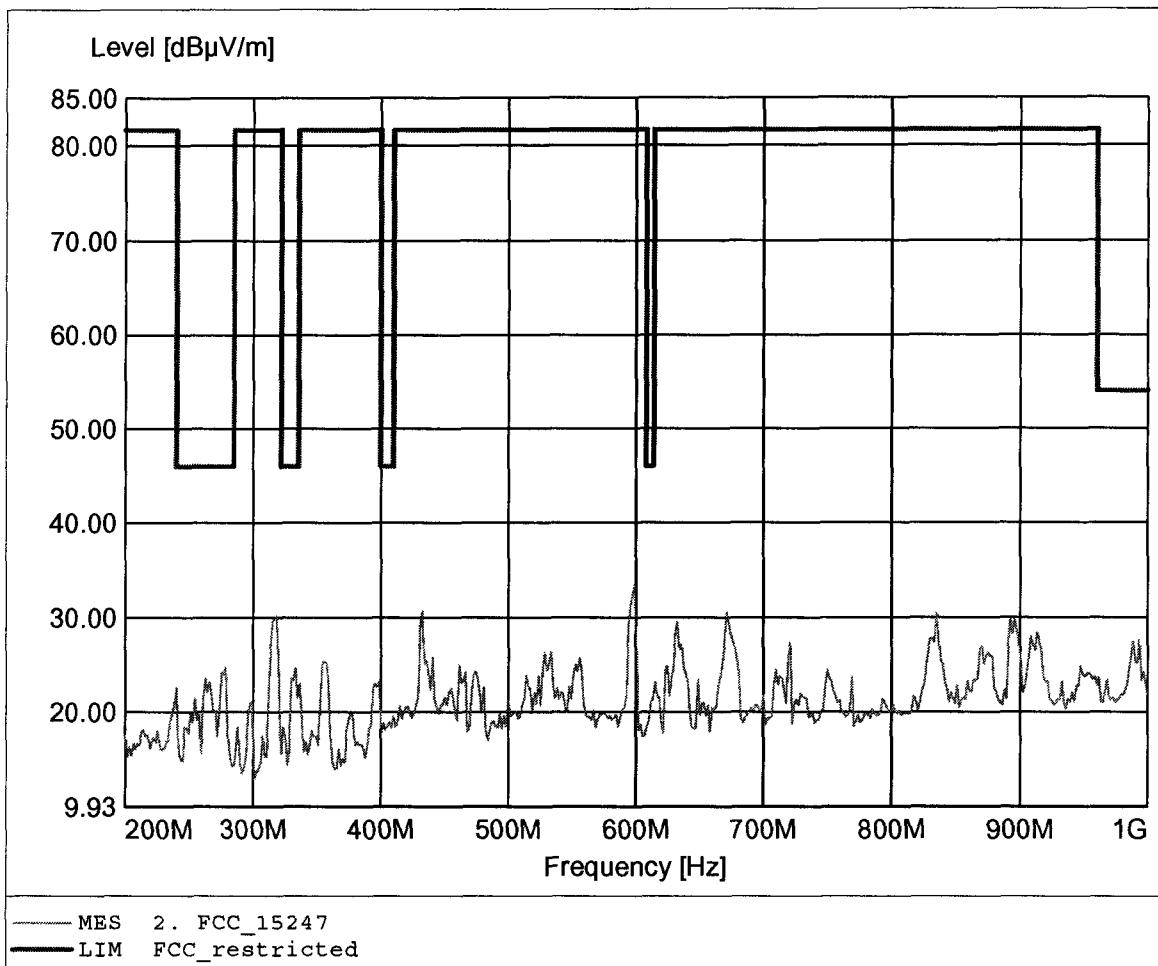
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 333.066MHz, Emax: 28.84dBuV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

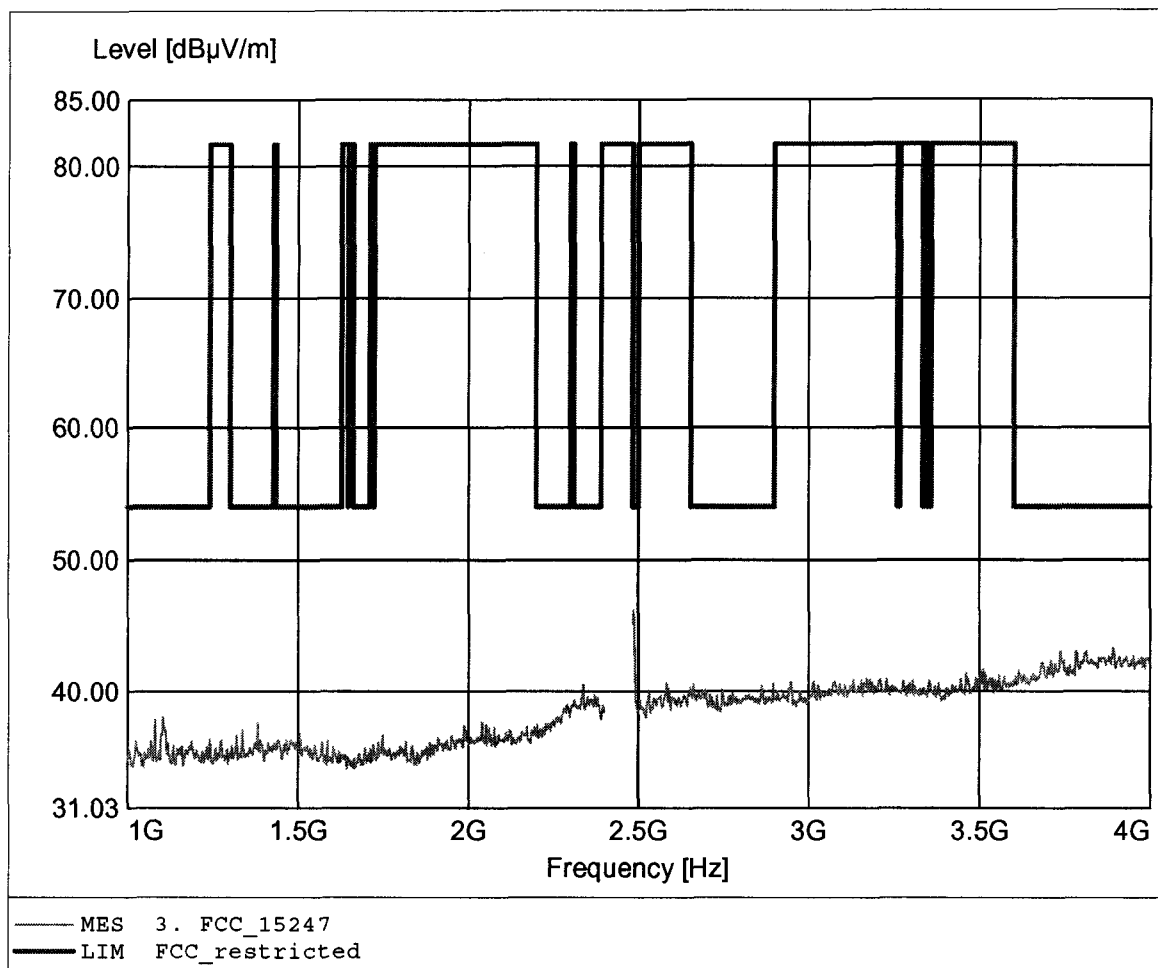
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 599.198MHz, Emax: 33.50dBuV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

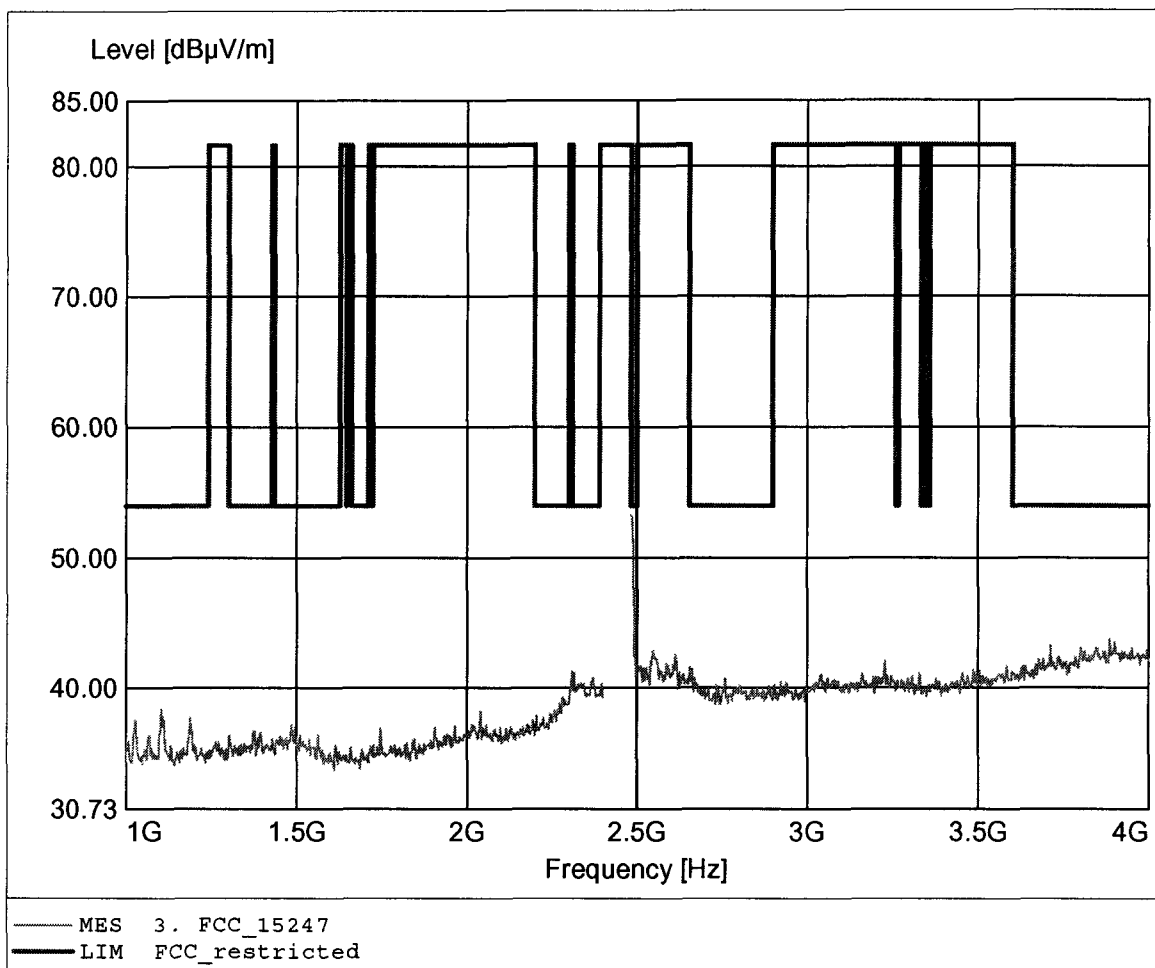
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 46.25dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

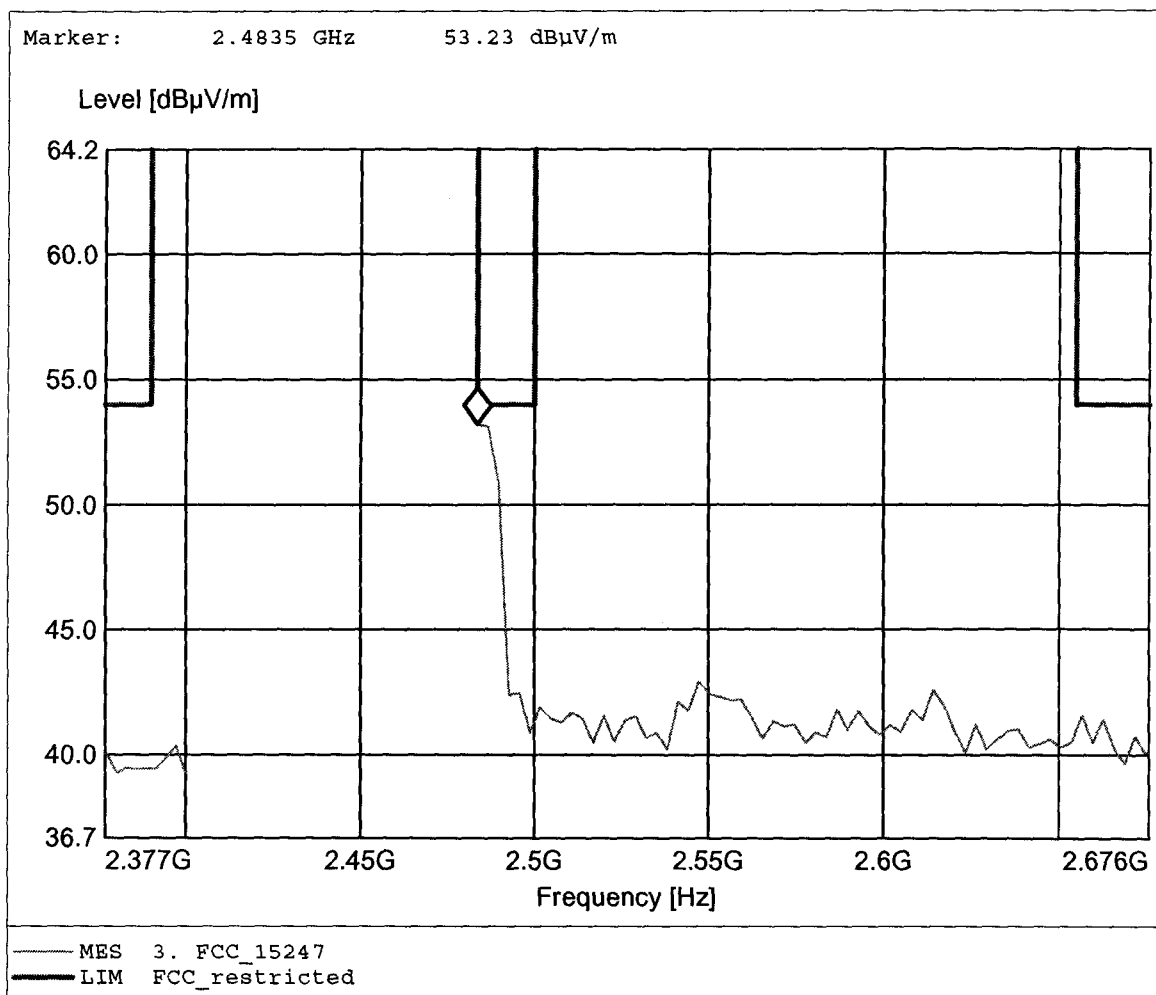
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 53.23dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

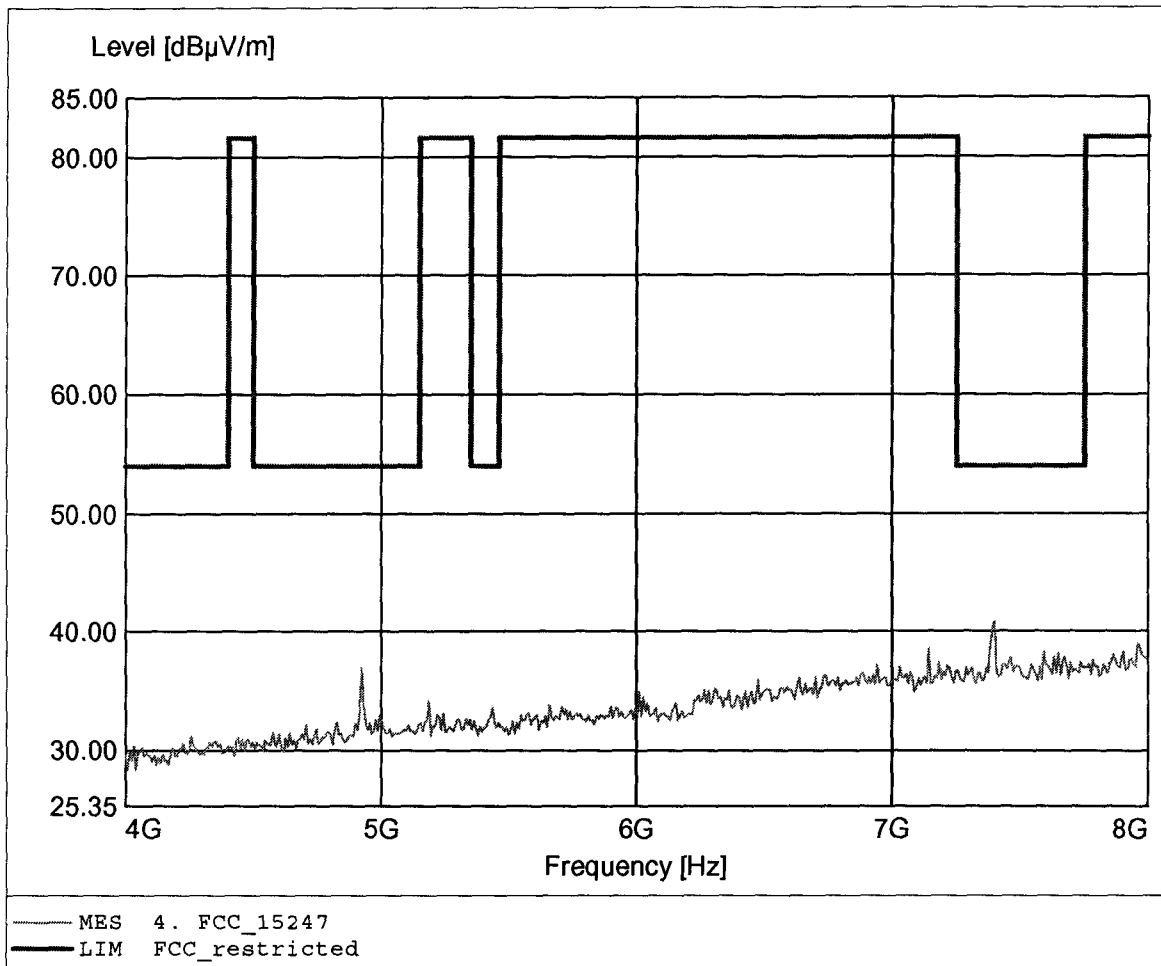
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 53.23dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

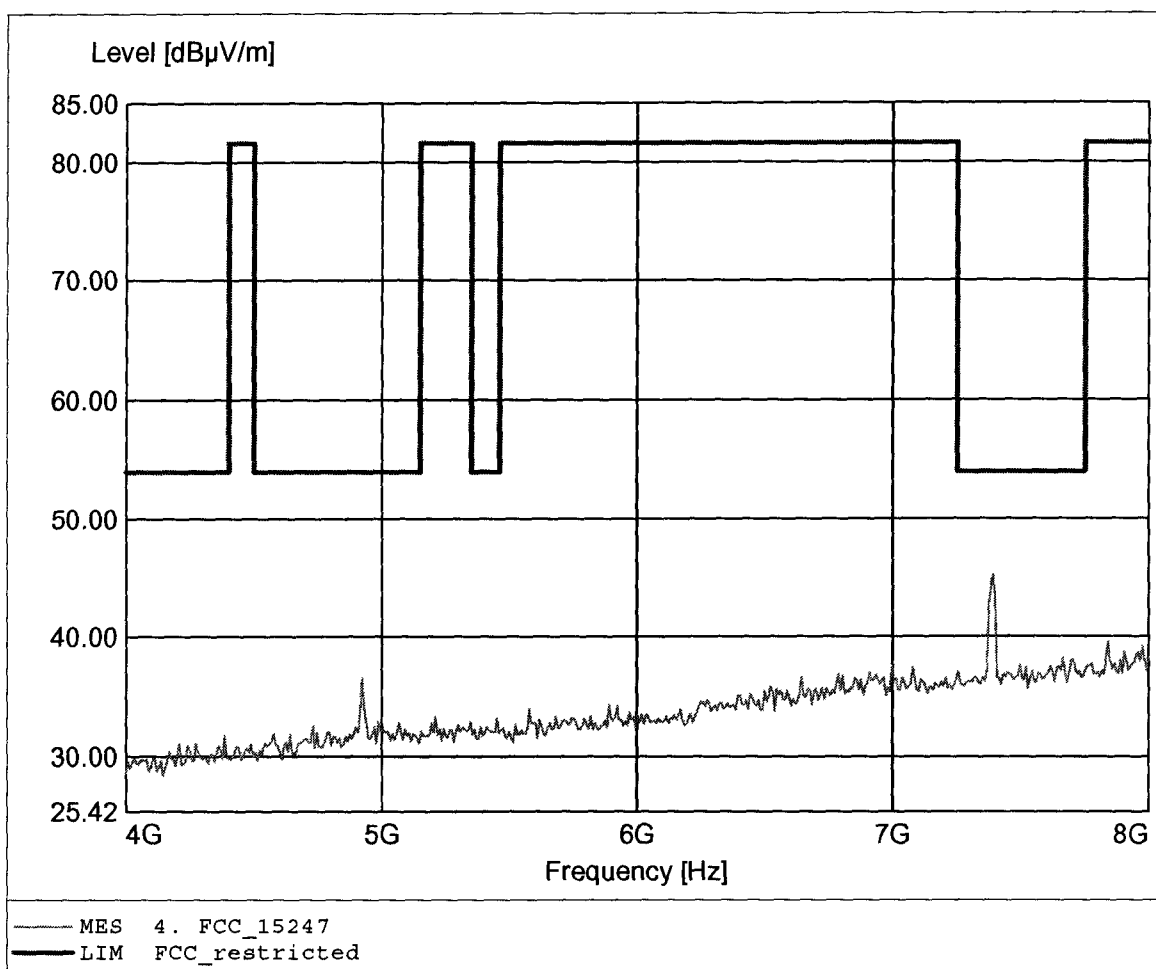
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.399GHz, Emax: 40.83dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

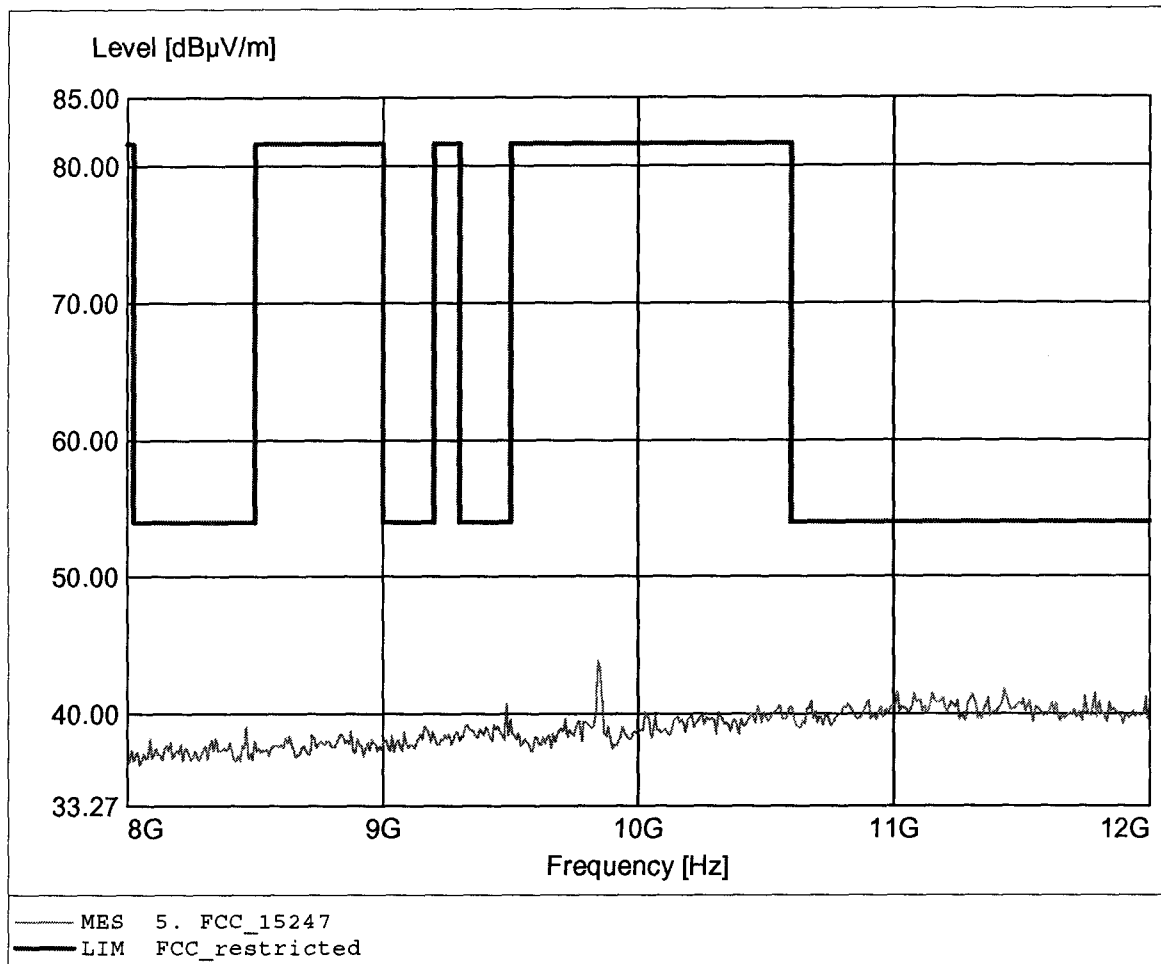
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.391GHz, Emax: 45.18dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

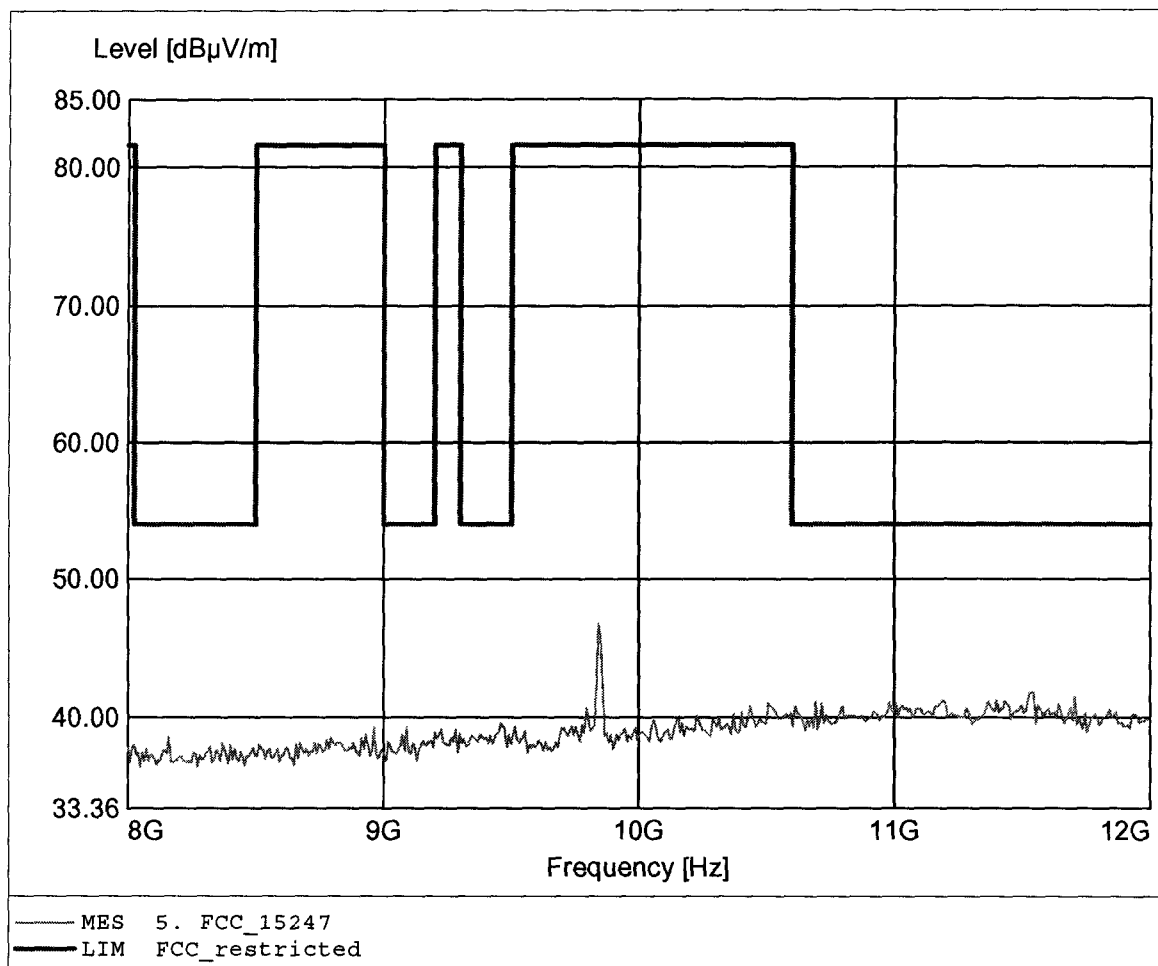
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.844GHz, Emax: 43.83dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

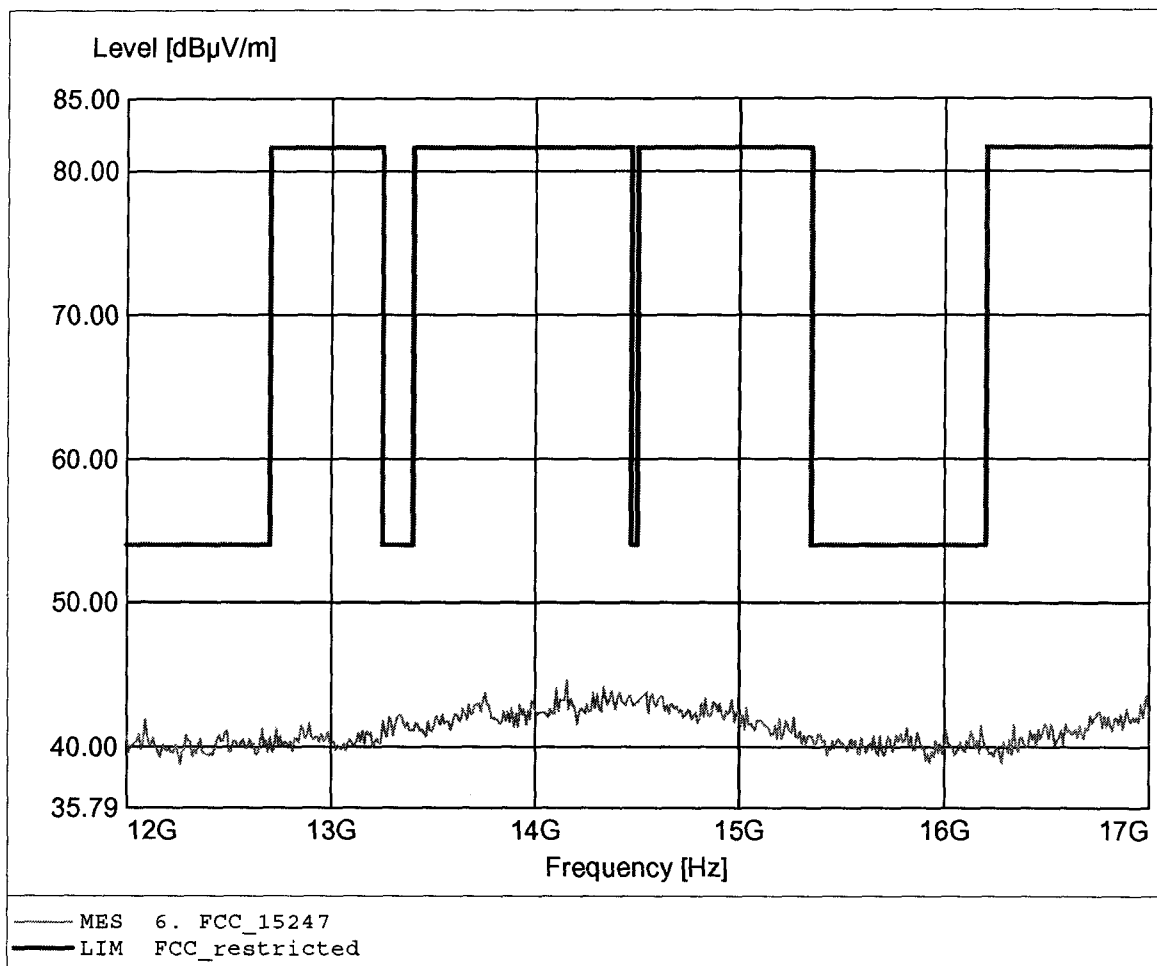
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.844GHz, Emax: 46.71dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

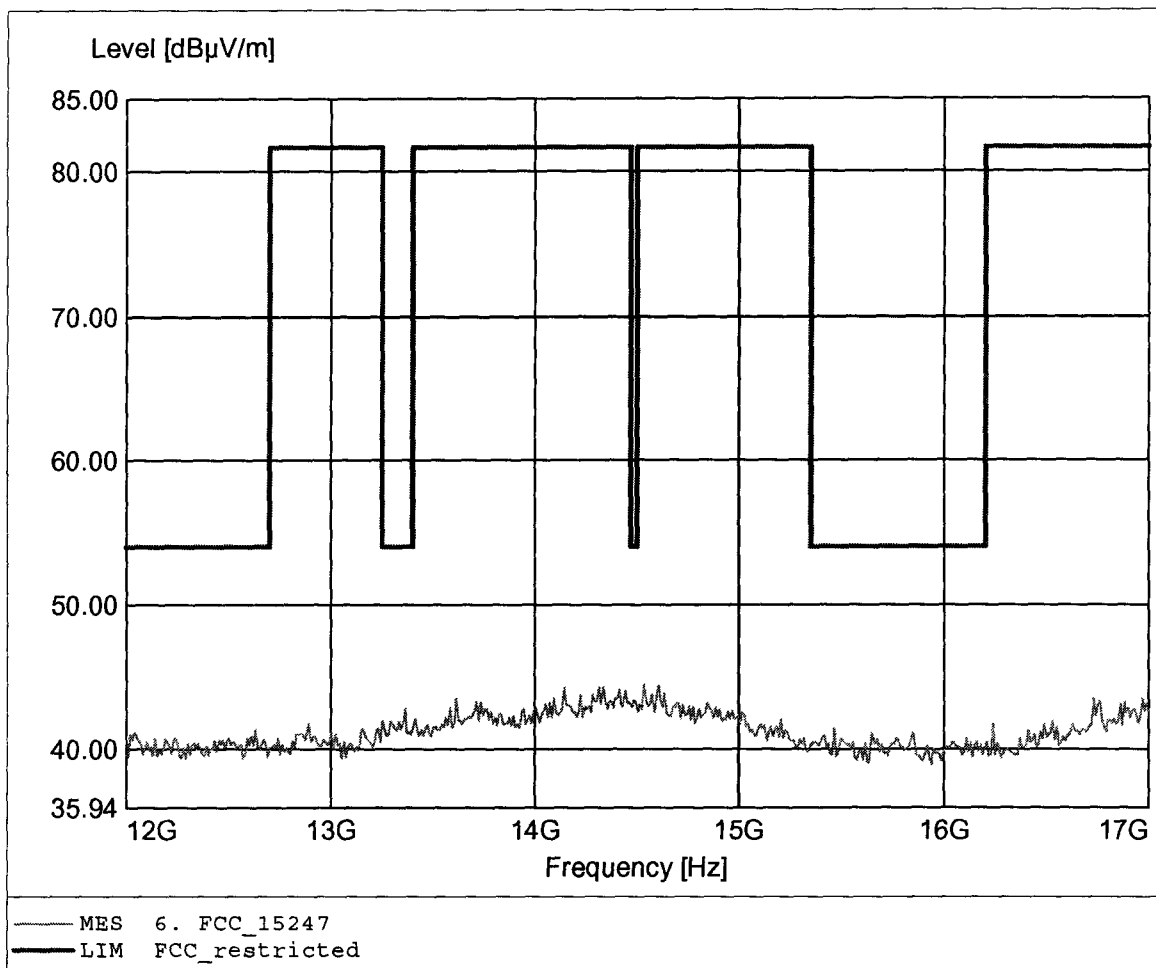
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.154GHz, Emax: 44.63dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

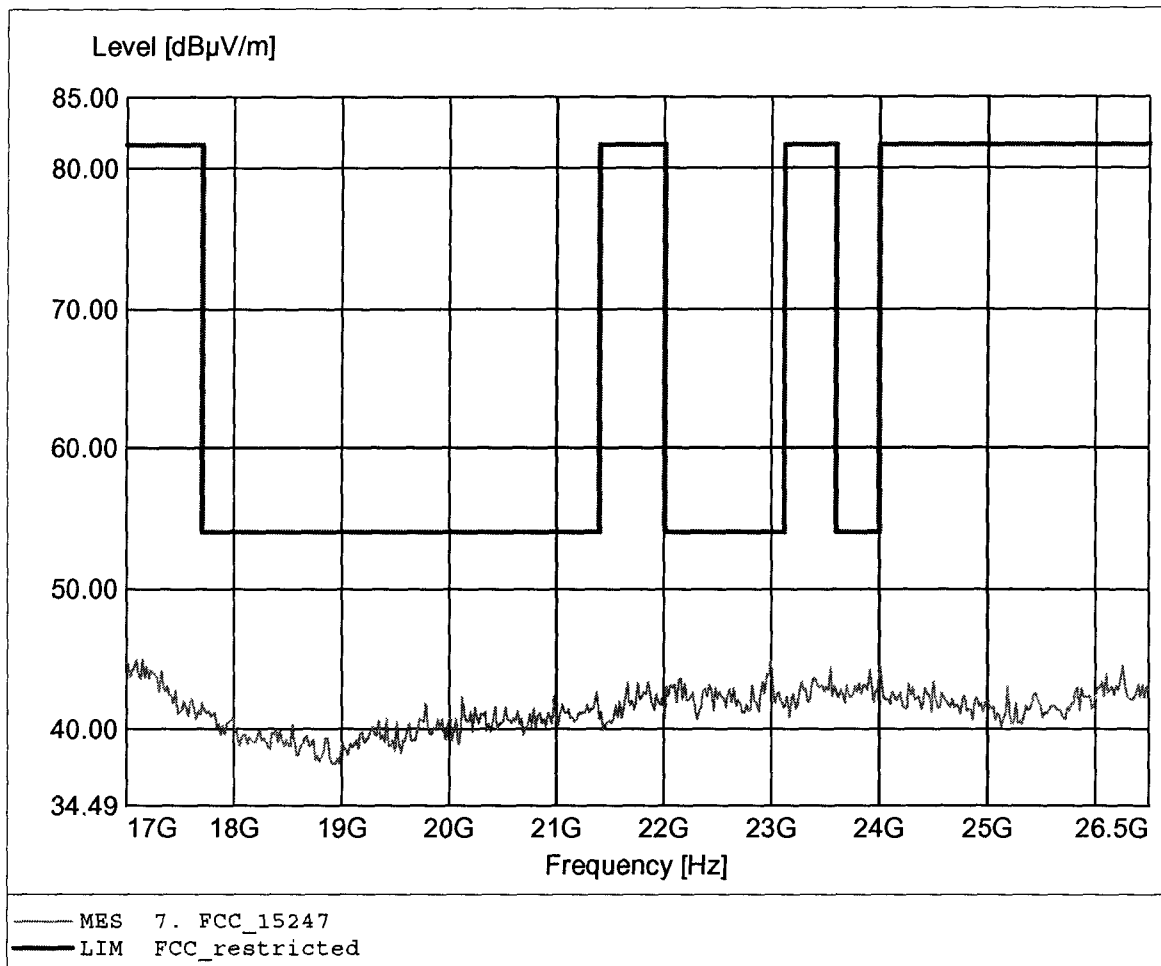
Approval Holder: Hft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.535GHz, Emax: 44.48dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

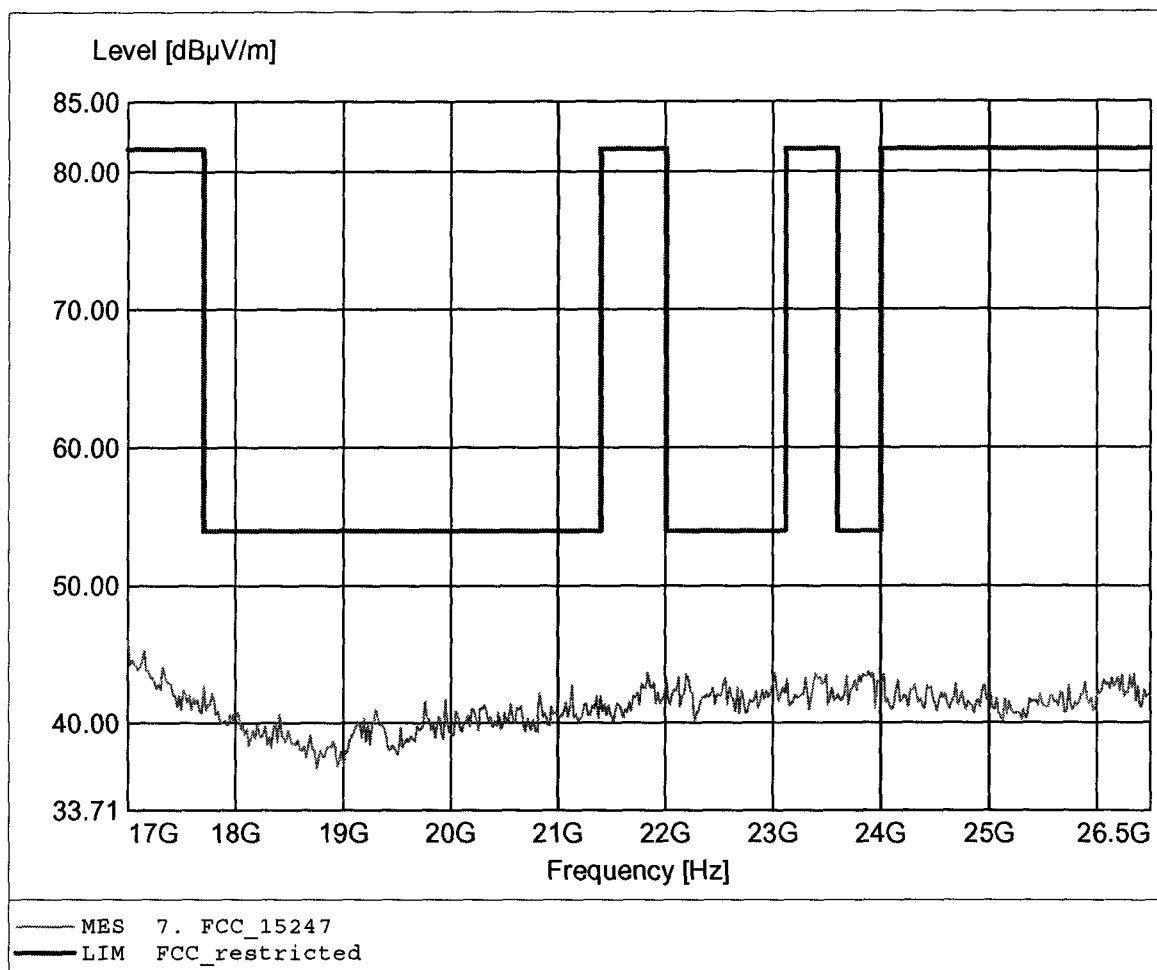
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.152GHz, Emax: 45.02dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

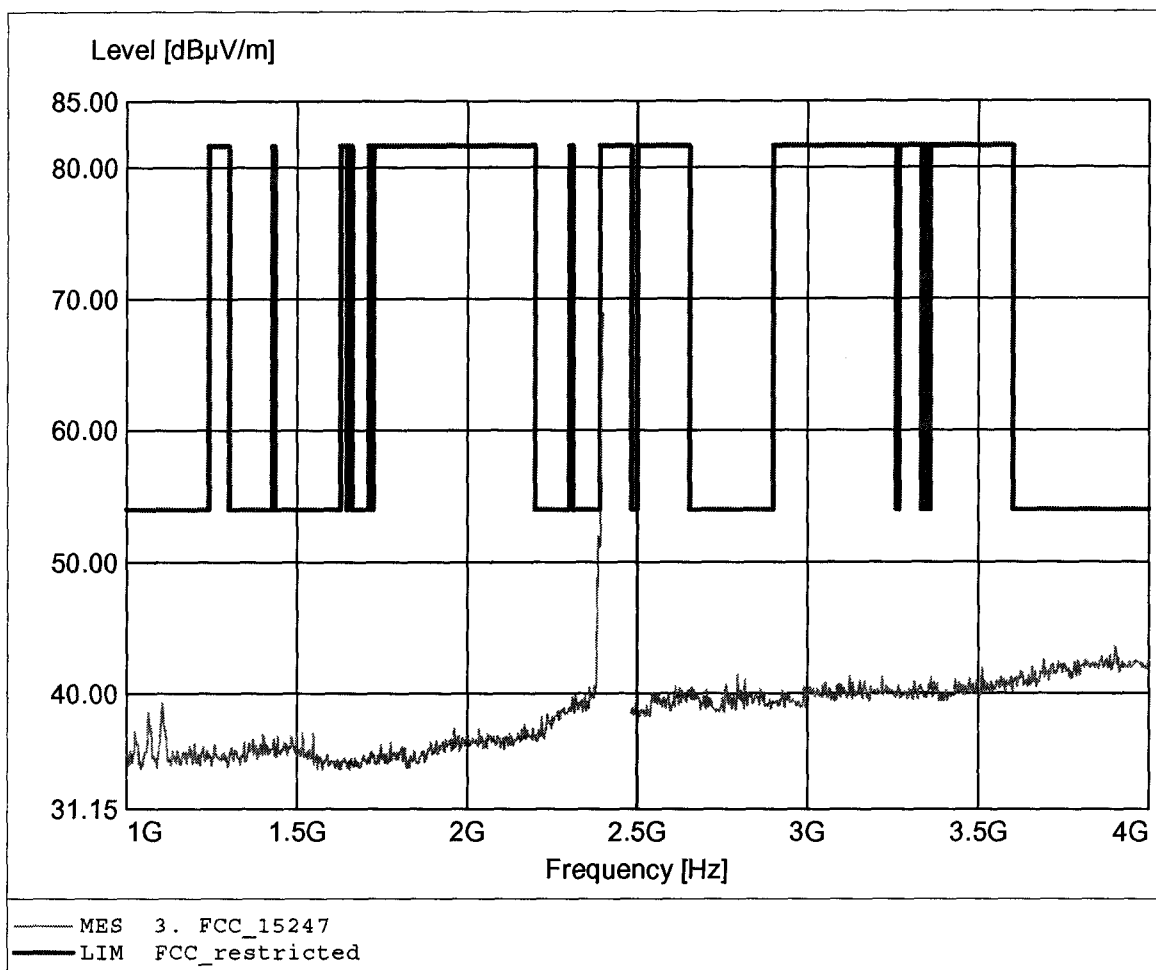
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 17.000GHz, Emax: 46.02dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

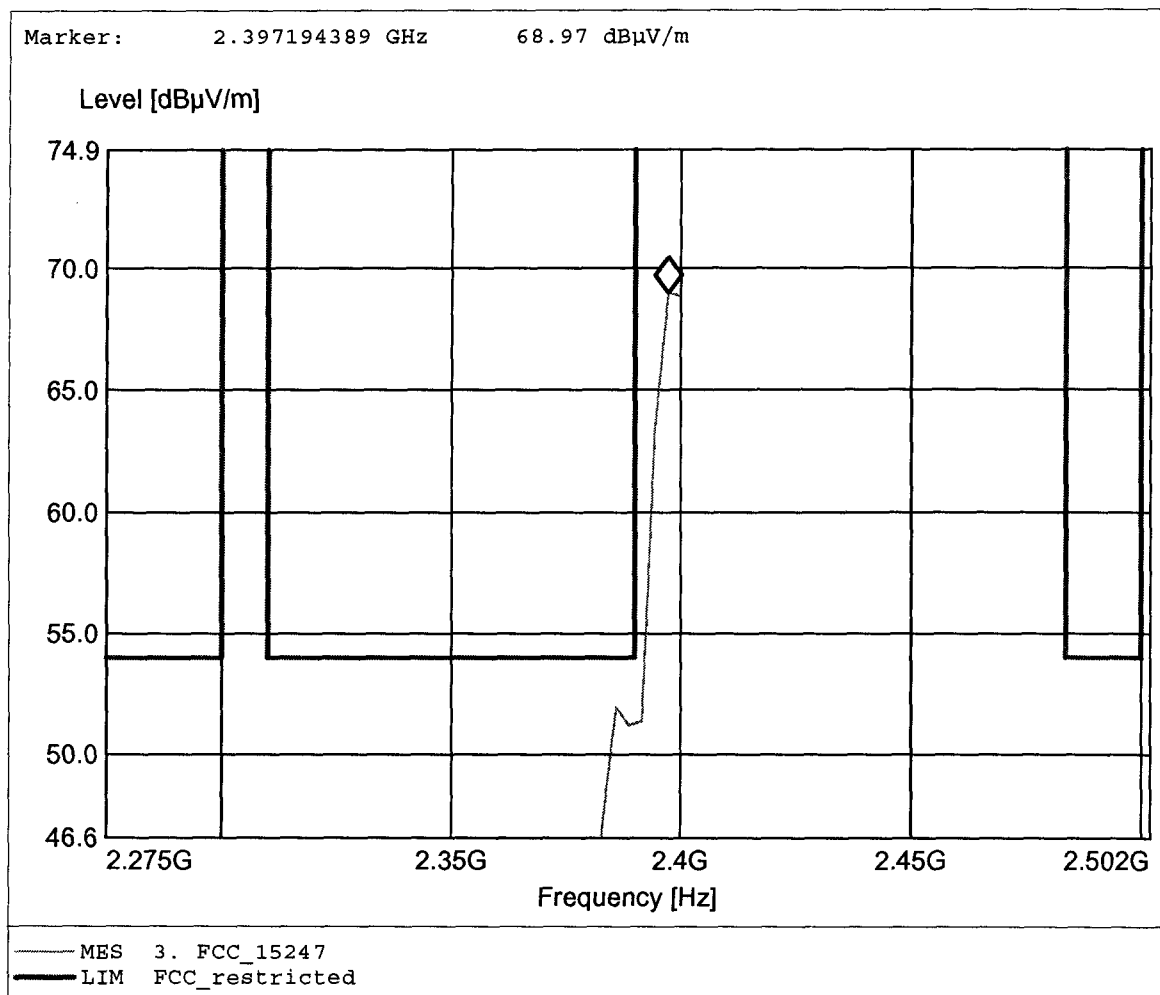
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 68.97dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

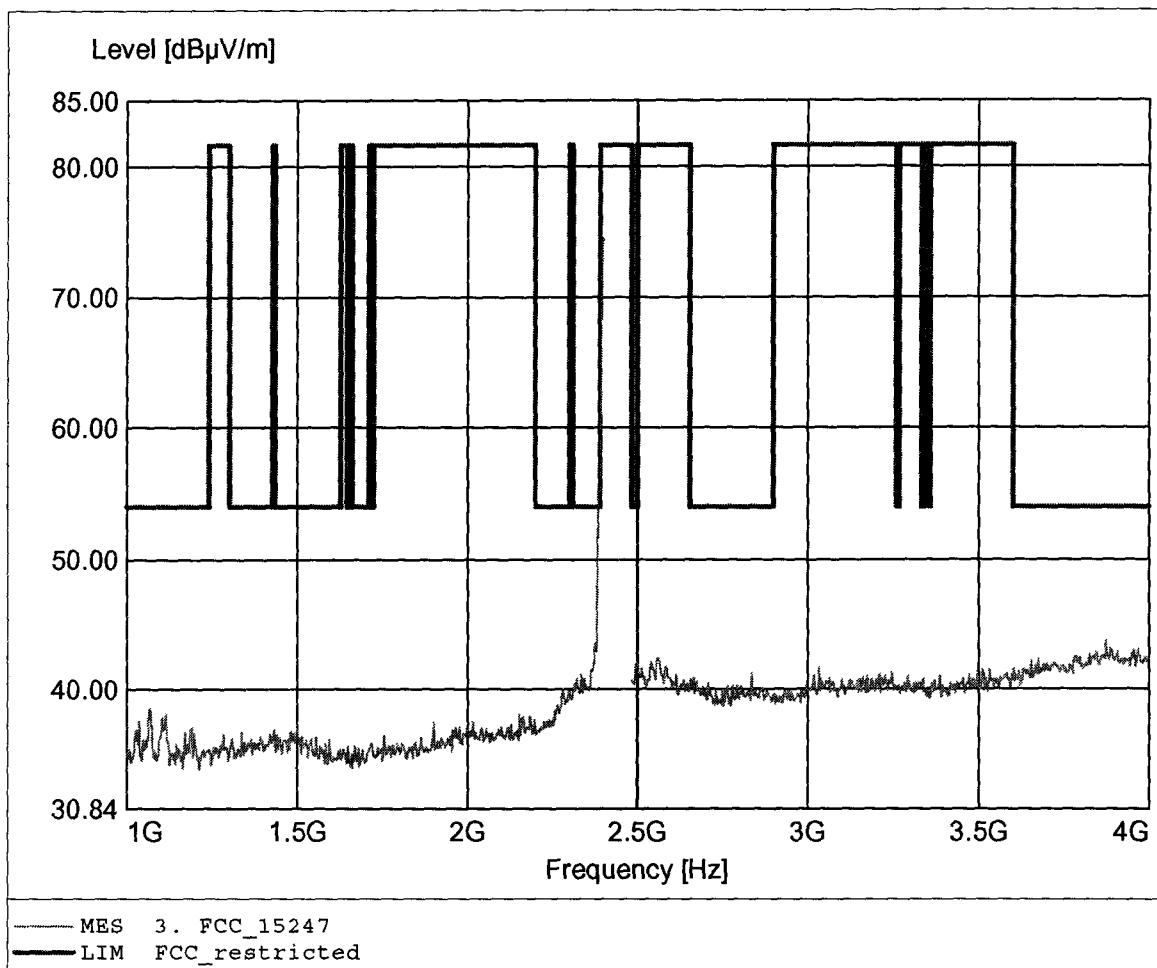
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 68.97dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

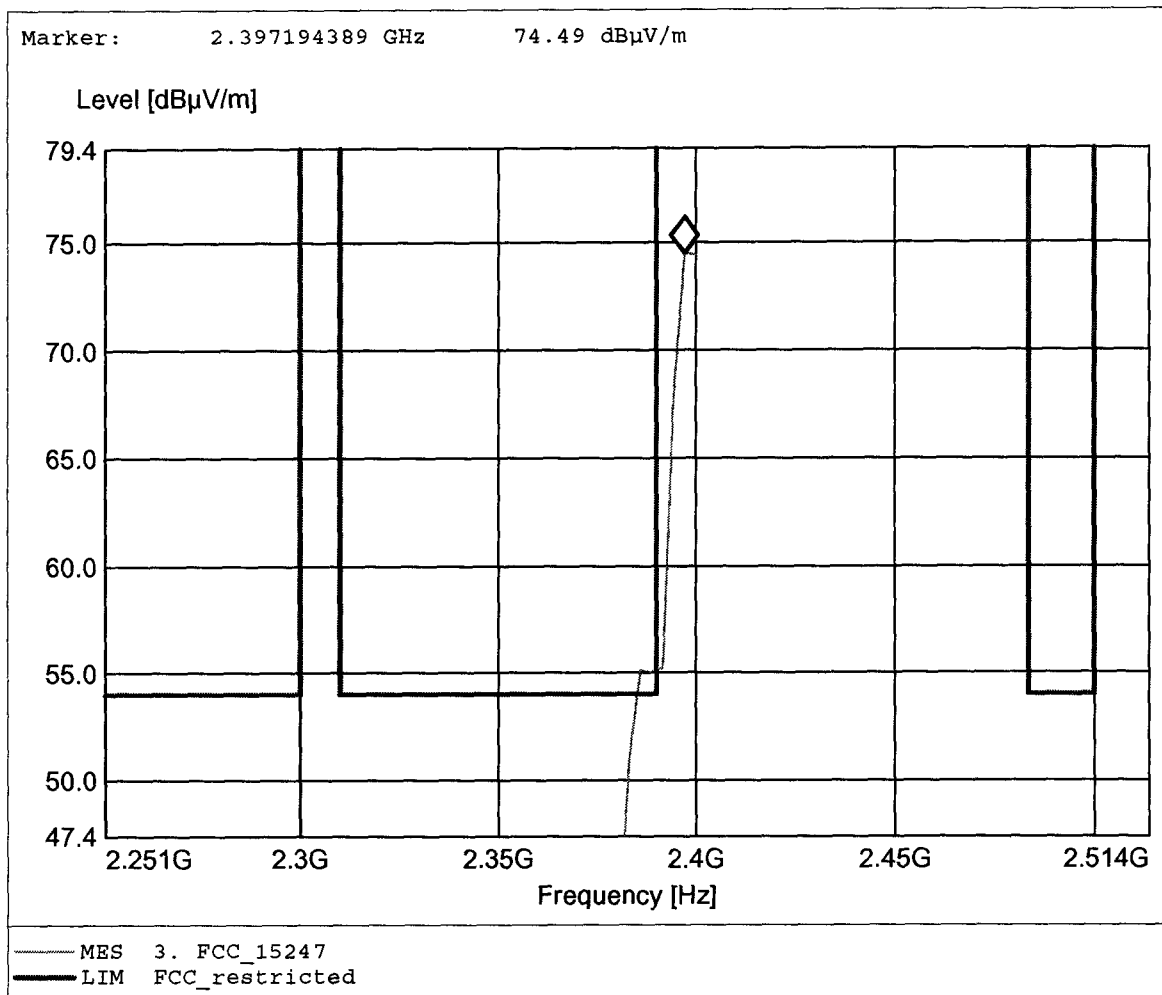
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 74.49dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

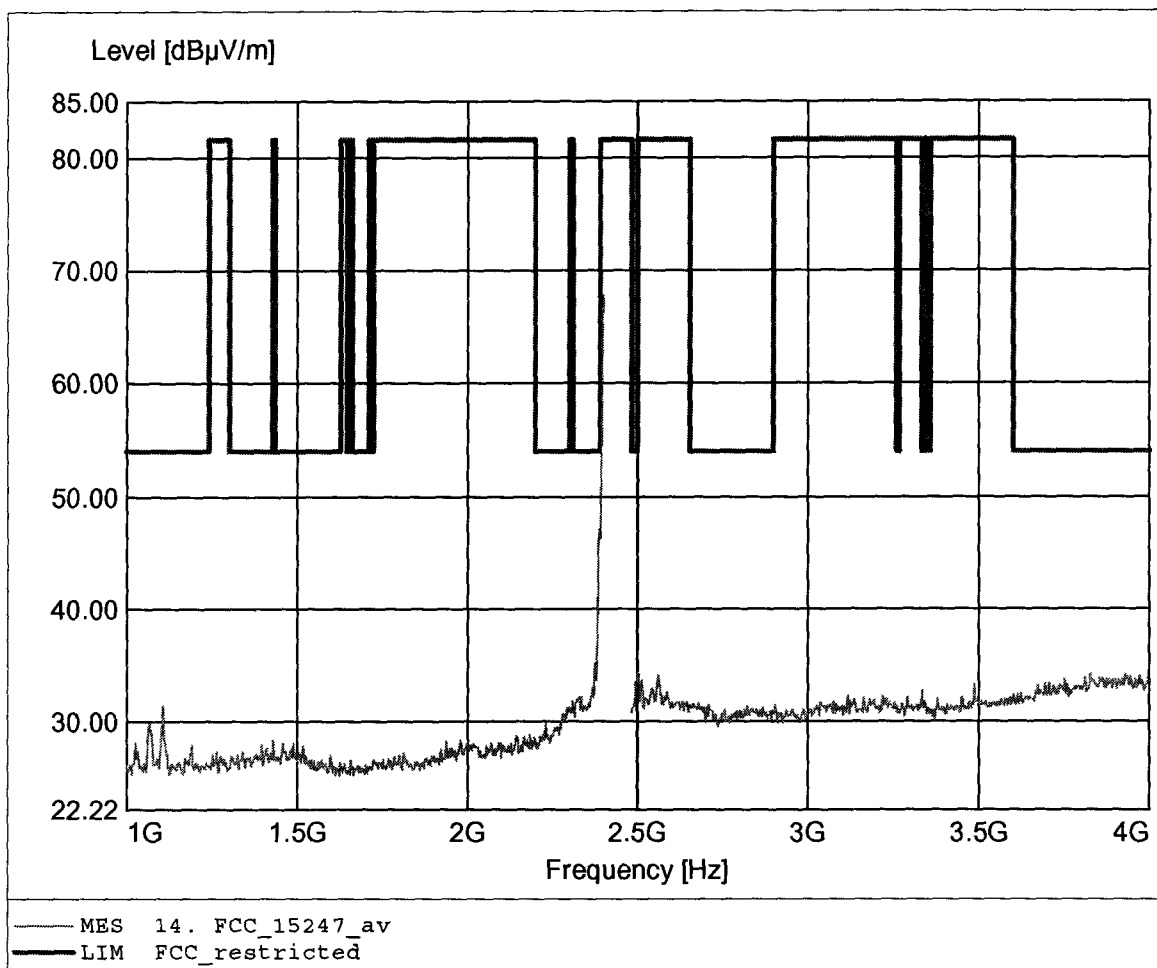
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.397GHz, Emax: 74.49dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

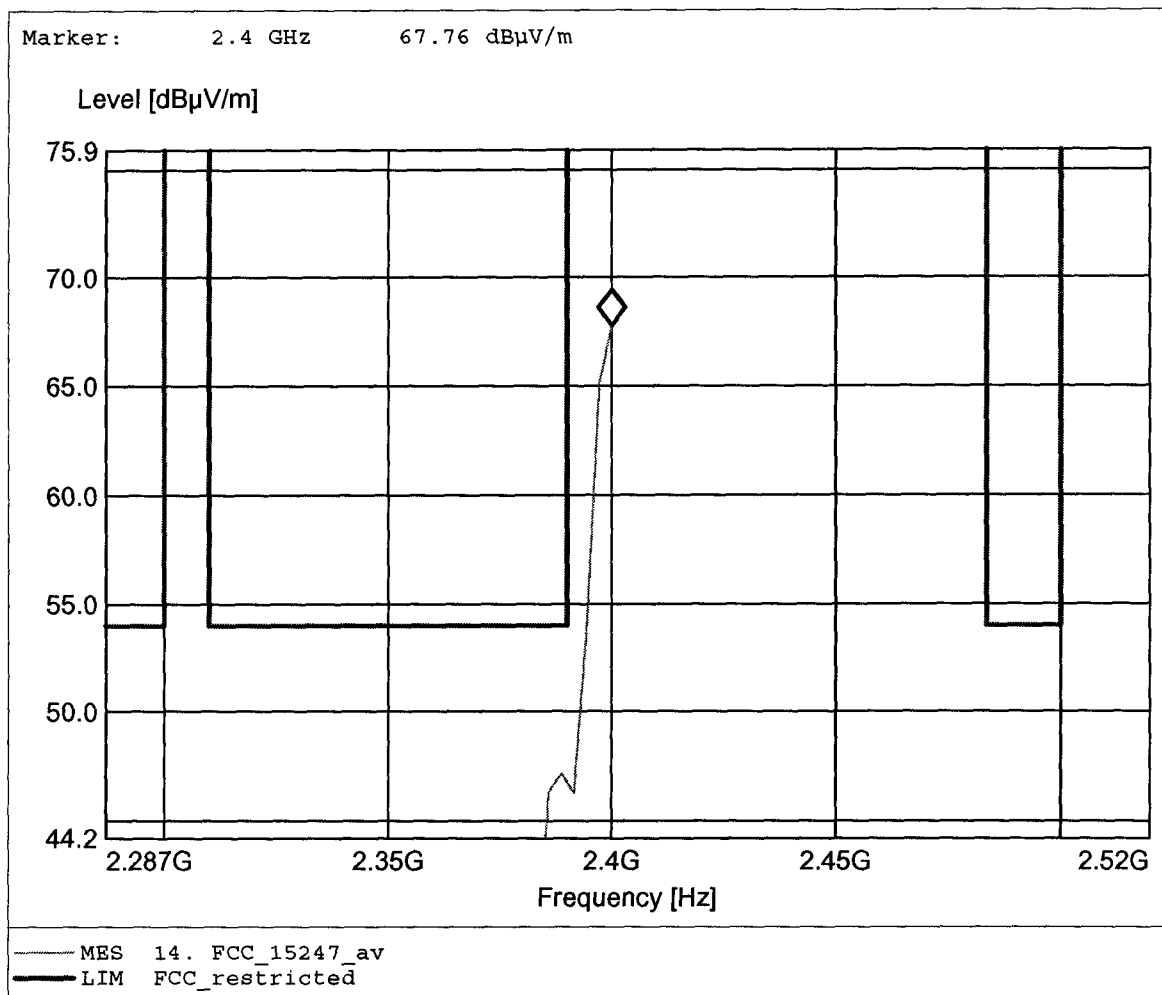
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 67.76dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

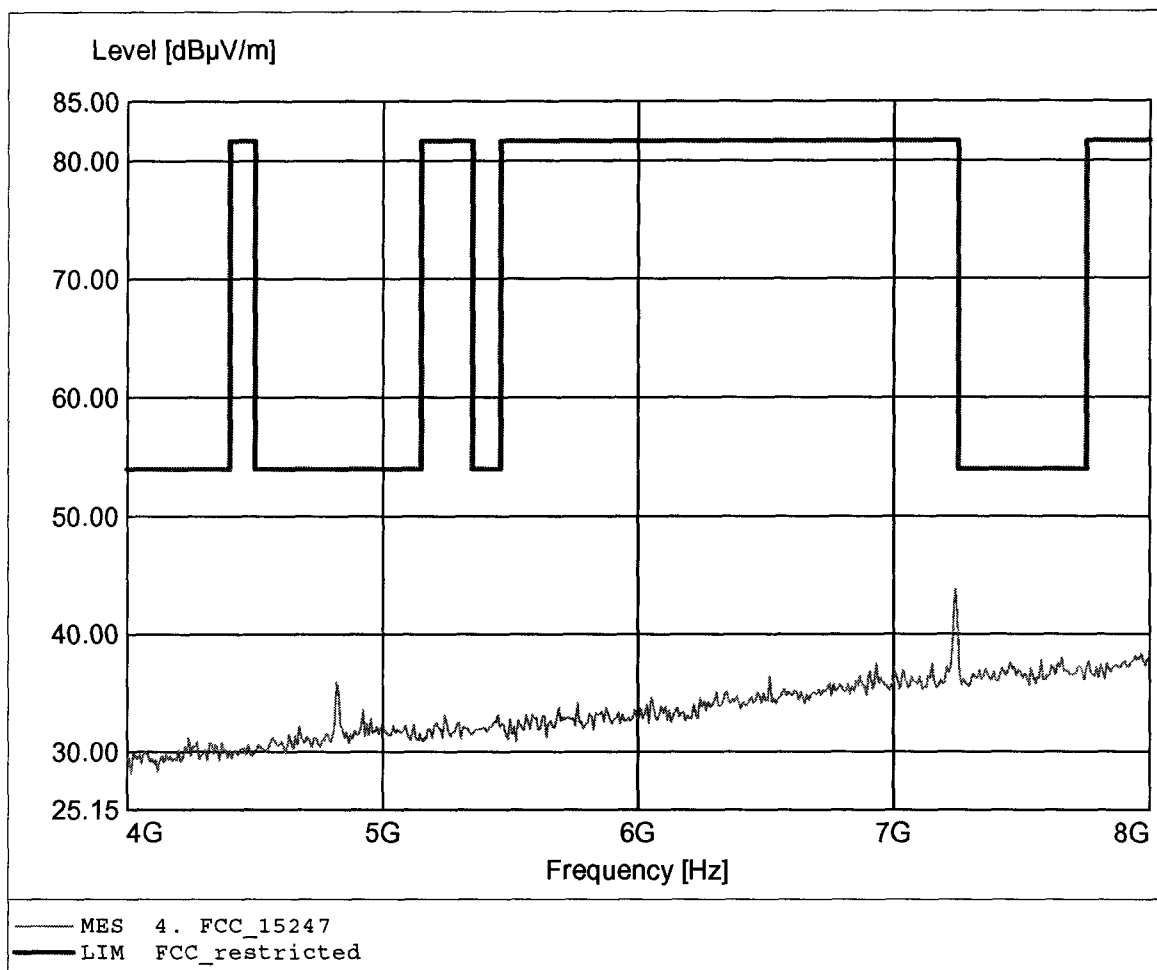
Approval Holder: H&ft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, average detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 67.76dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

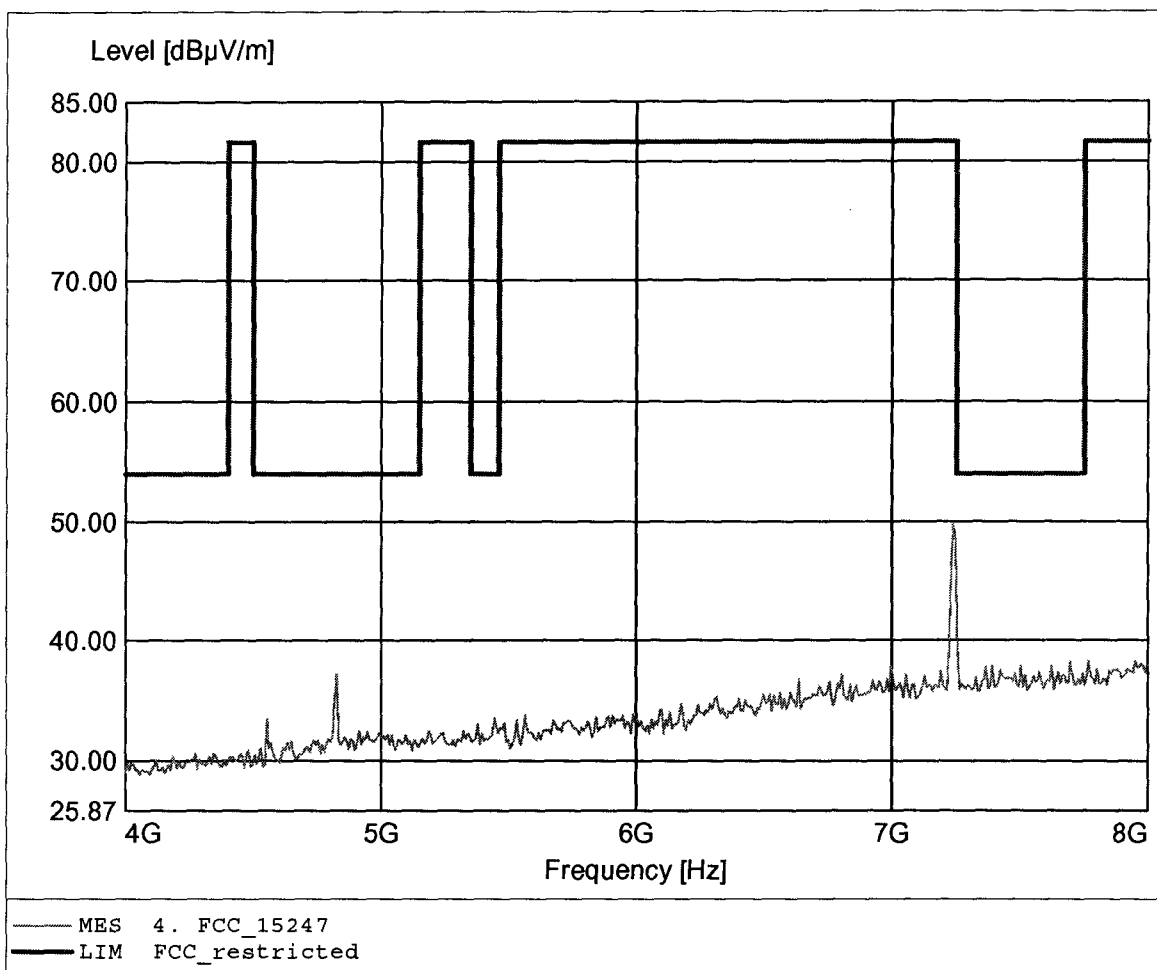
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.238GHz, Emax: 43.81dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

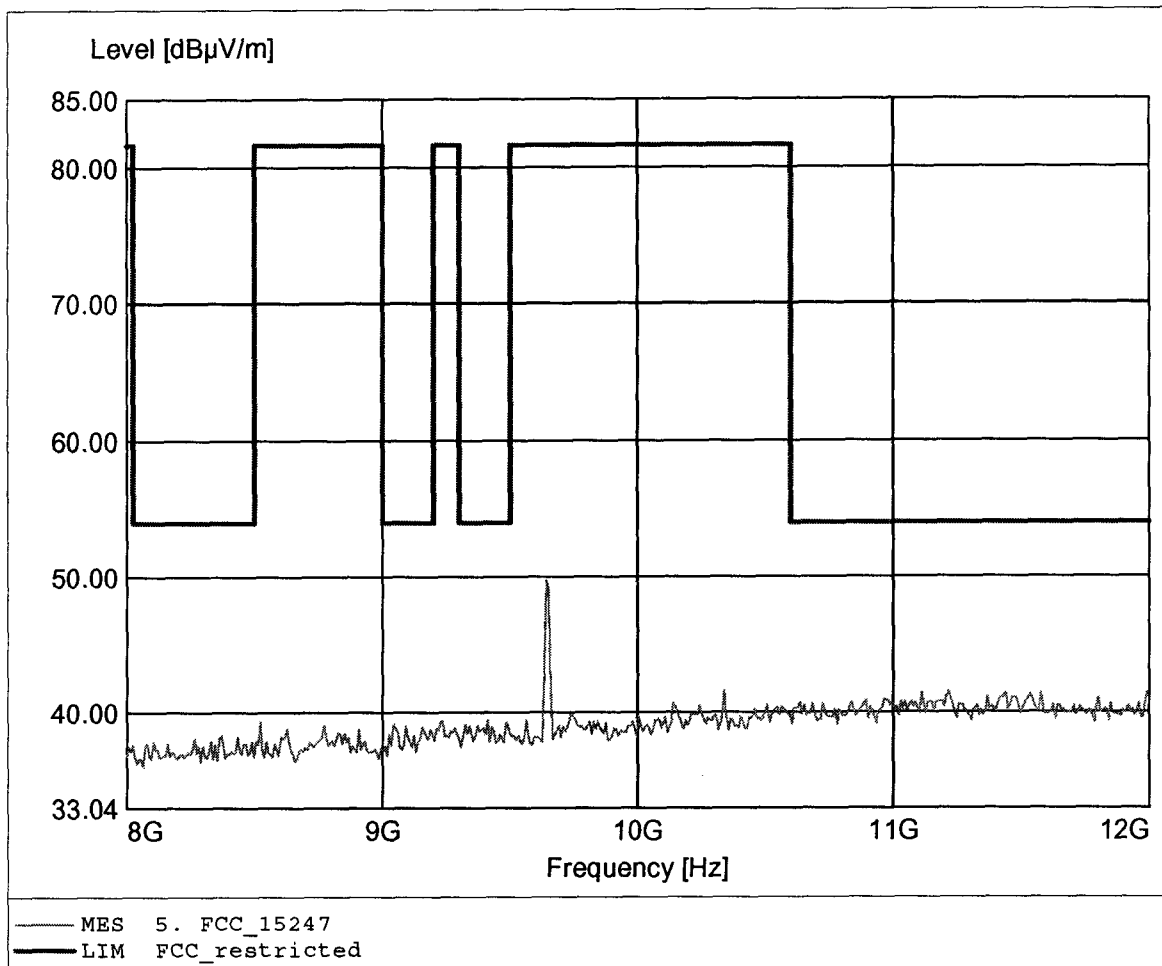
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.238GHz, Emax: 49.72dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

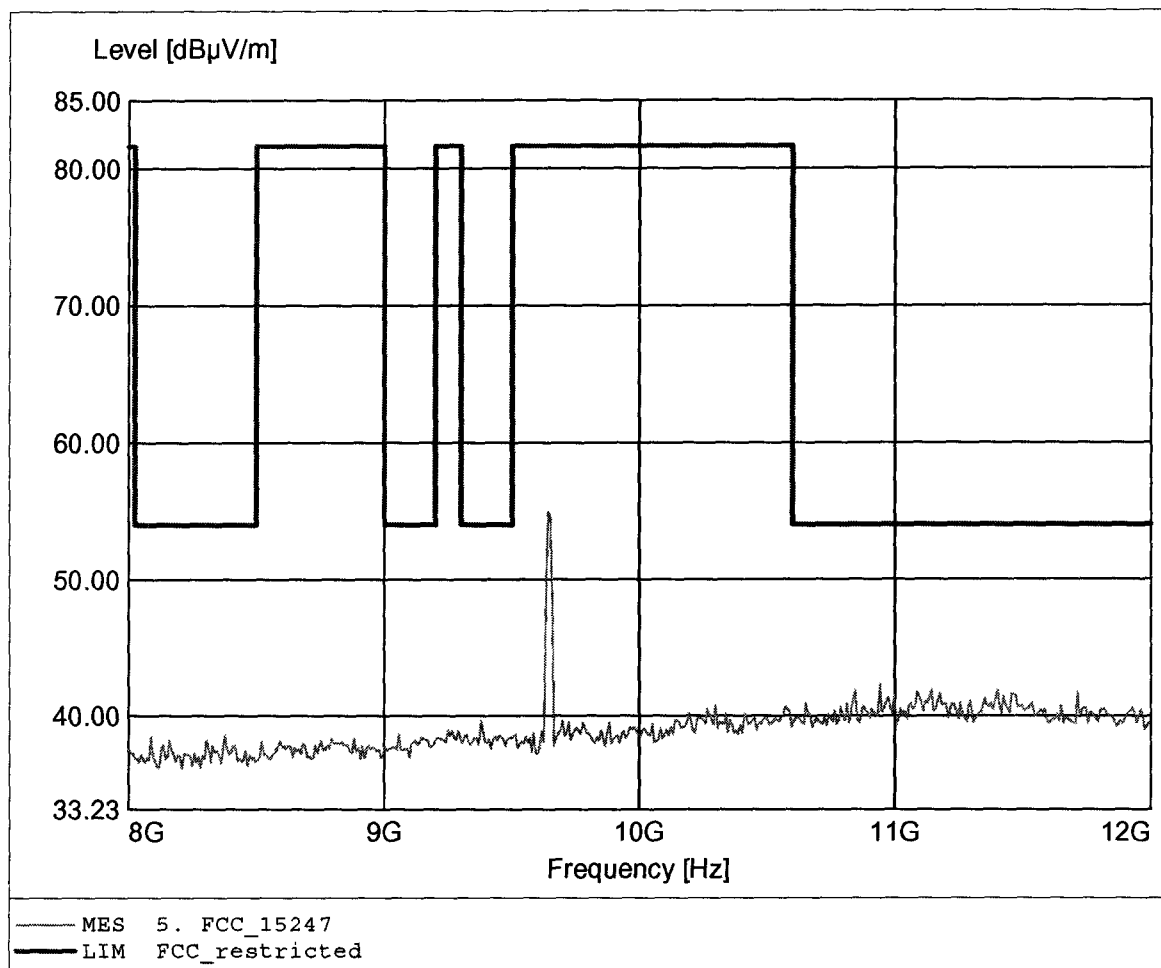
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.643GHz, Emax: 49.72dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

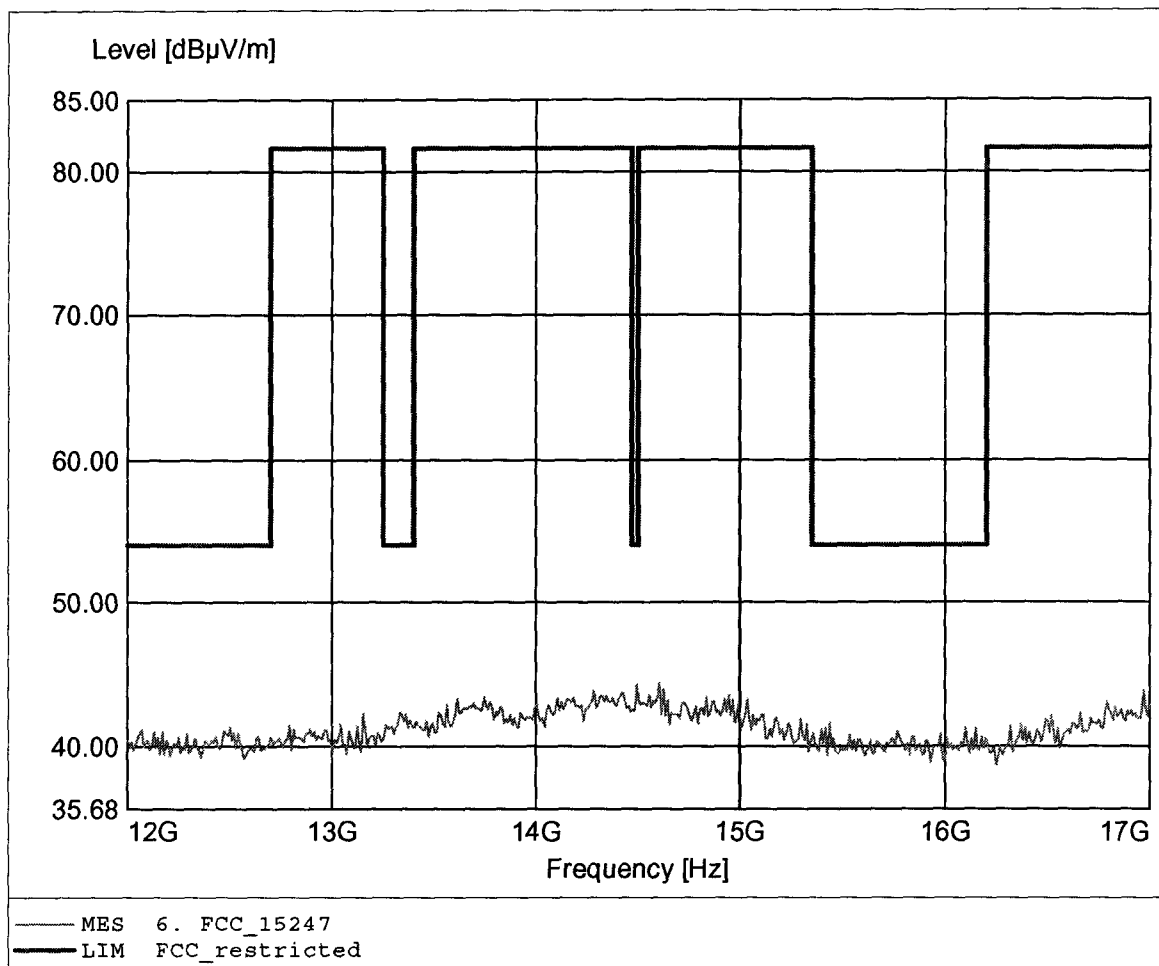
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.643GHz, Emax: 54.93dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

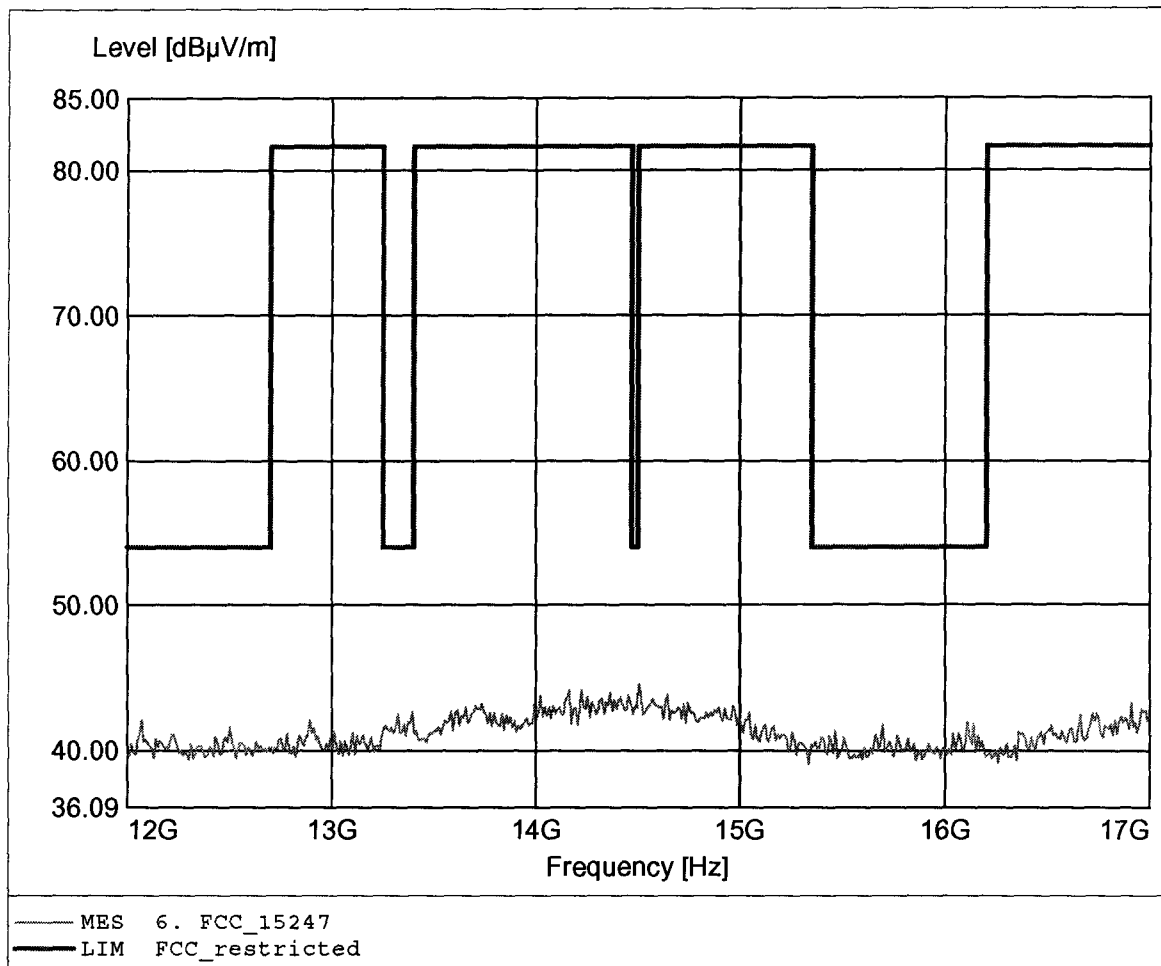
Approval Holder: H&ft & Wessel AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.605GHz, Emax: 44.37dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

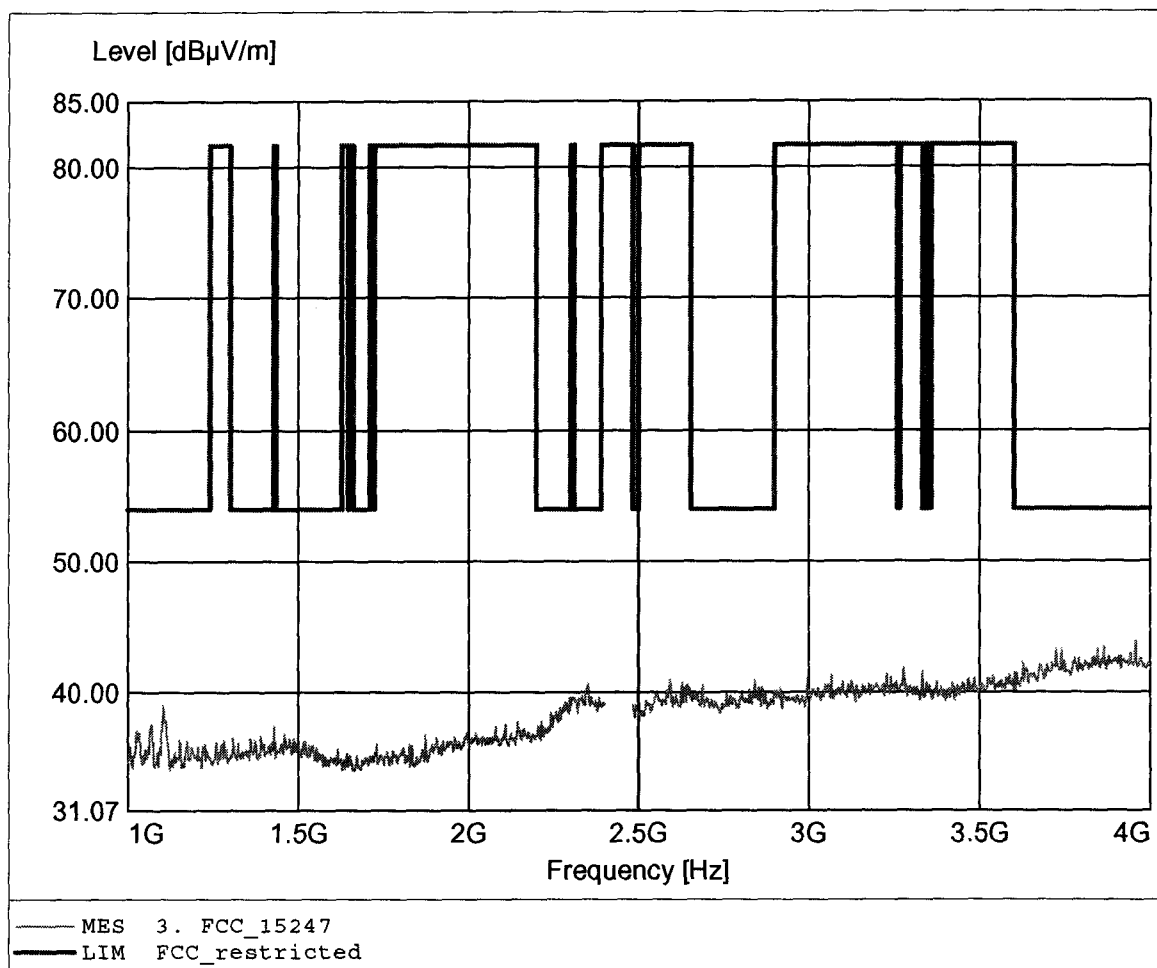
Approval Holder: H&W AG
EUT: Embedded WLAN radio module / 2412 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.505GHz, Emax: 44.60dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

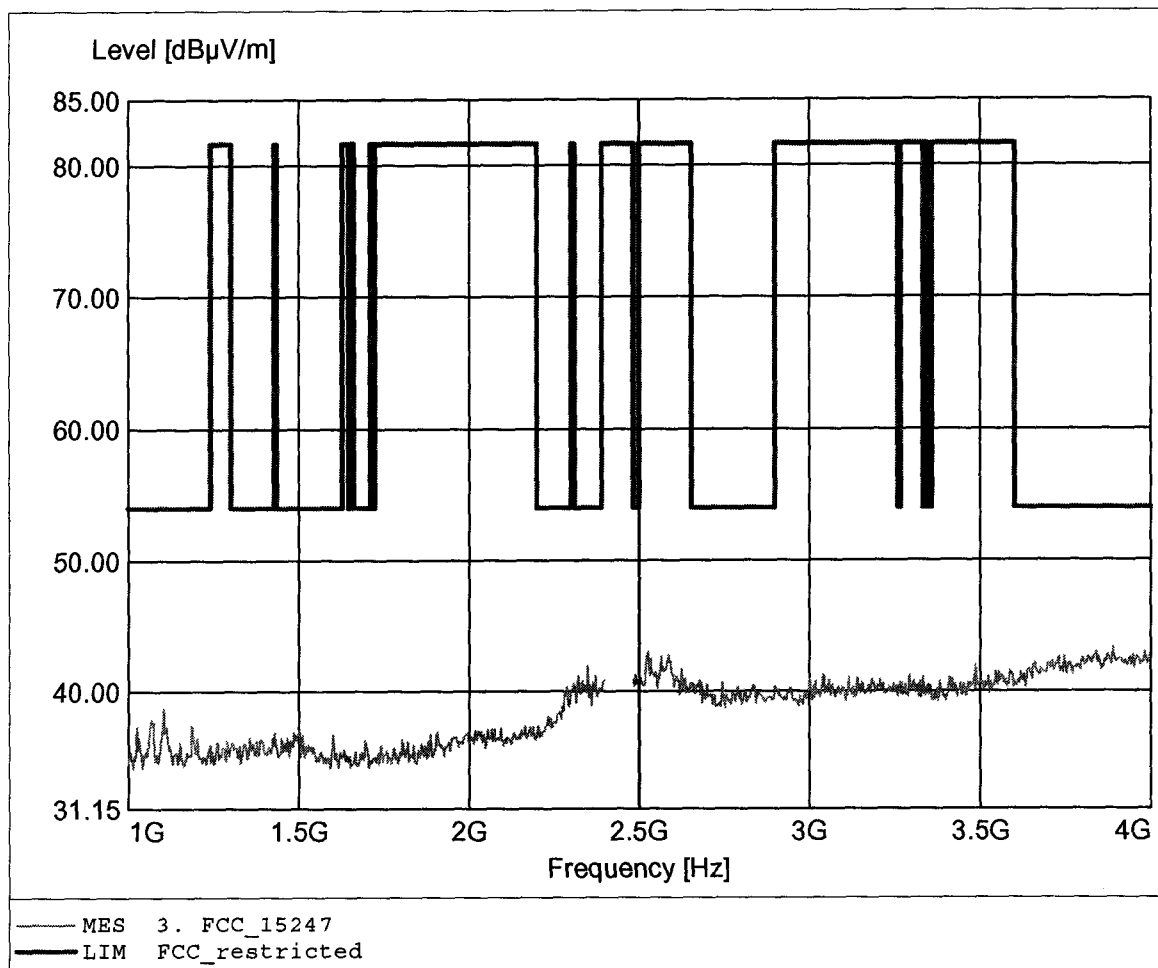
Approval Holder: H&ft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.957GHz, Emax: 43.83dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

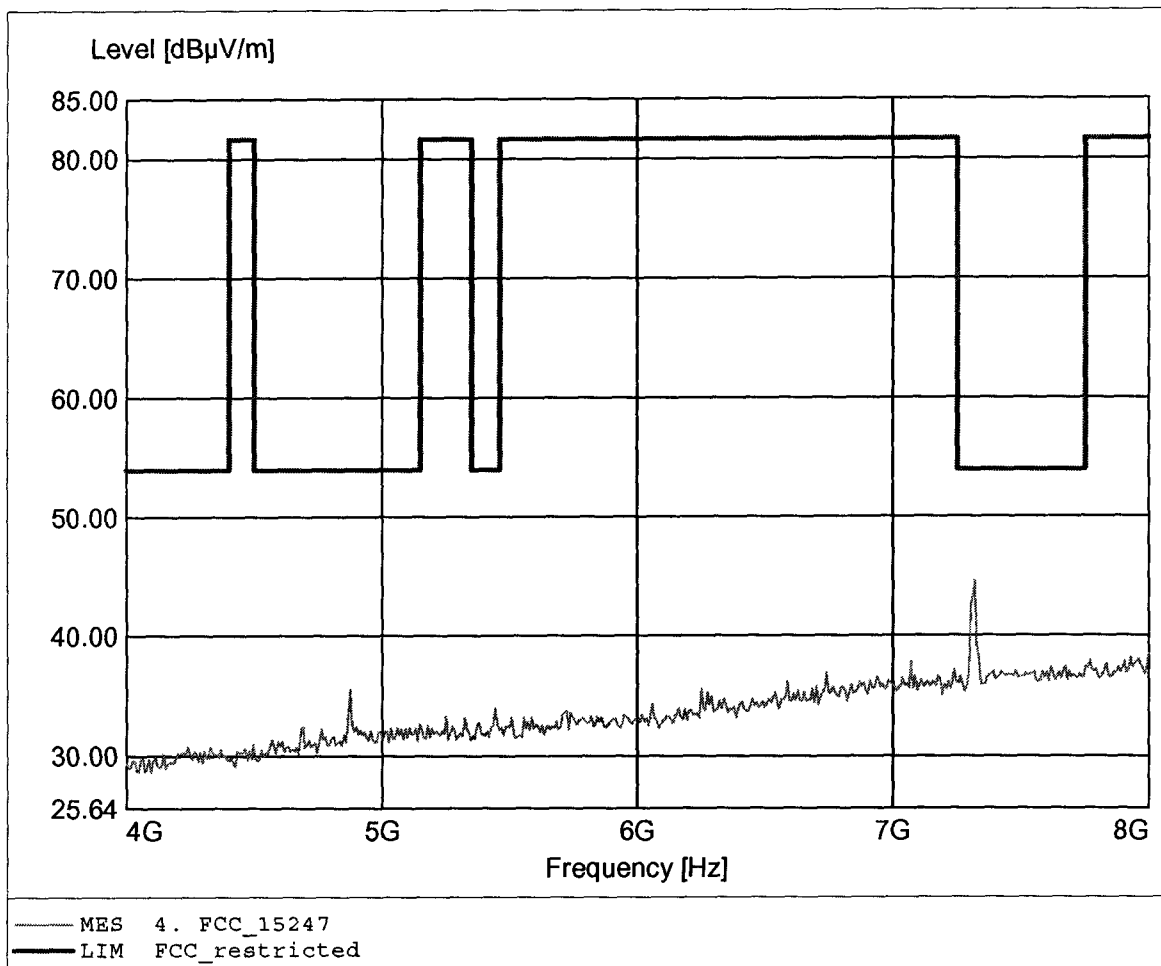
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 3.888GHz, Emax: 43.31dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

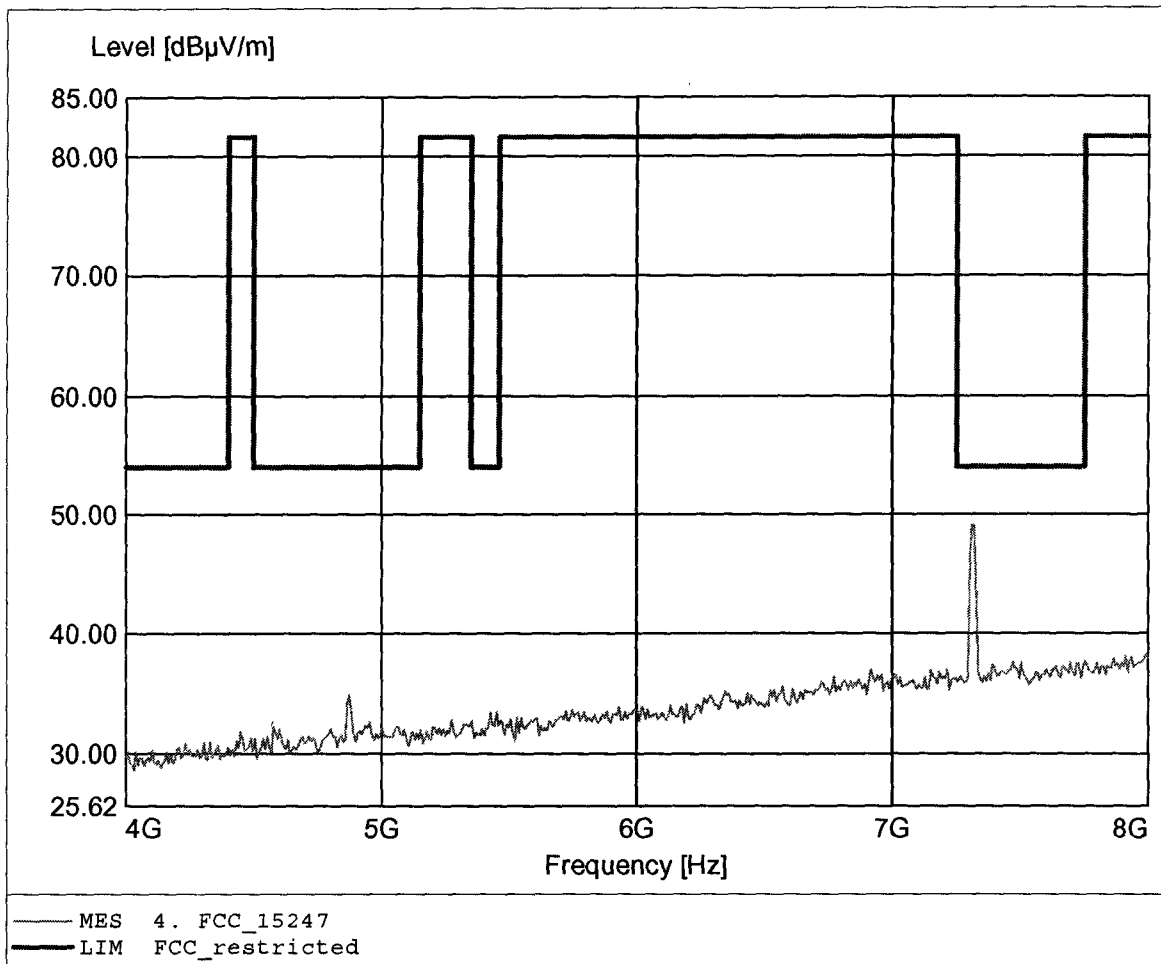
Approval Holder: H&W & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.319GHz, Emax: 44.58dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

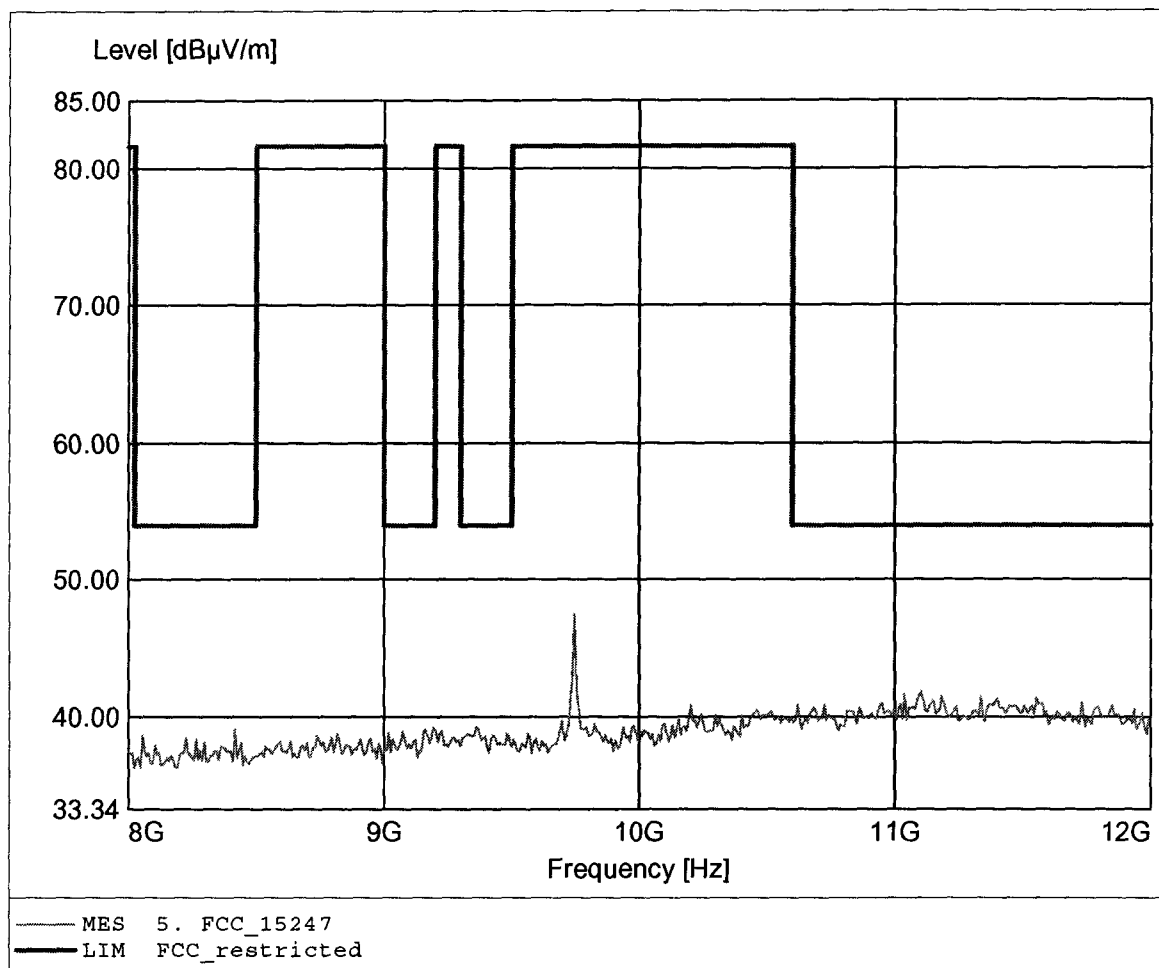
Approval Holder: H&W AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.311GHz, Emax: 49.10dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

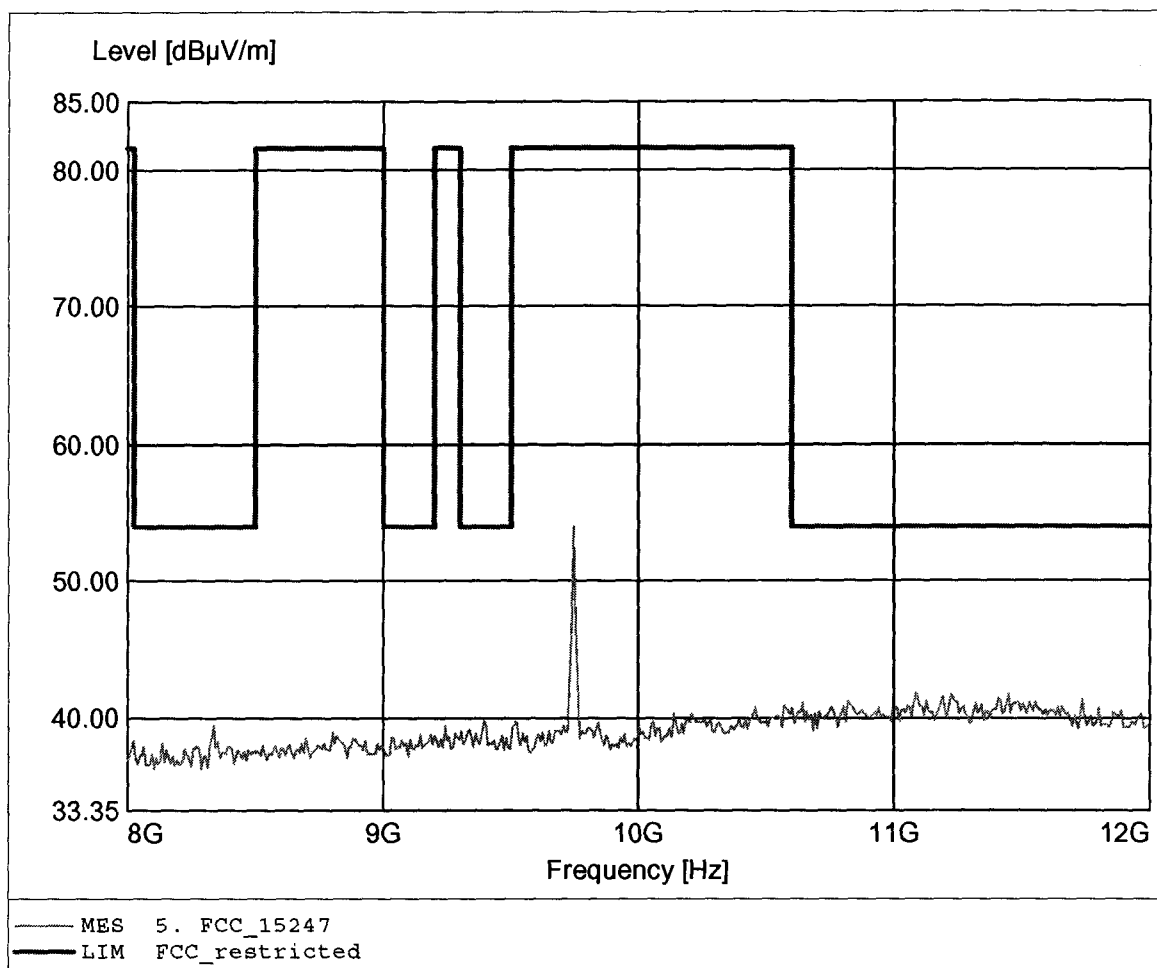
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.747GHz, Emax: 47.45dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

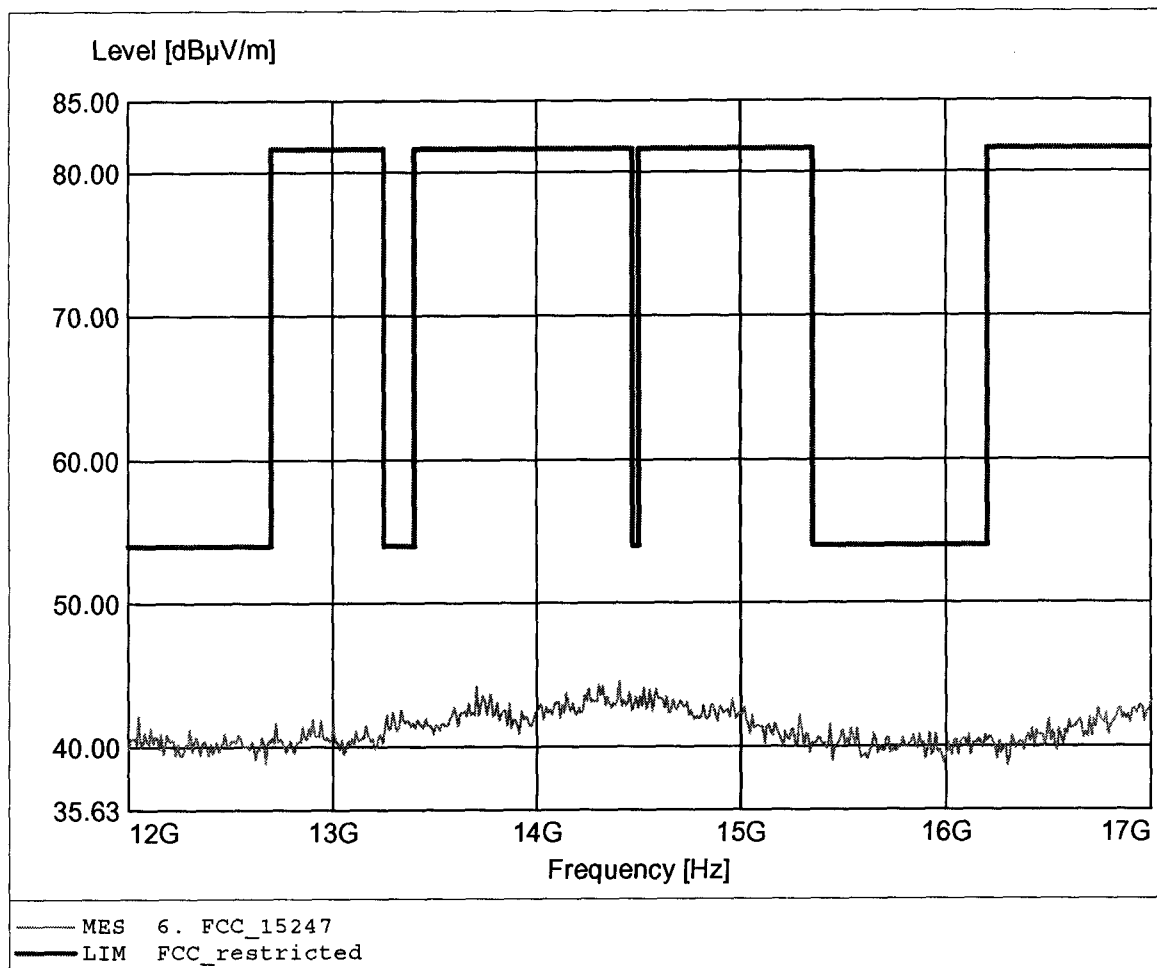
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.747GHz, Emax: 54.00dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

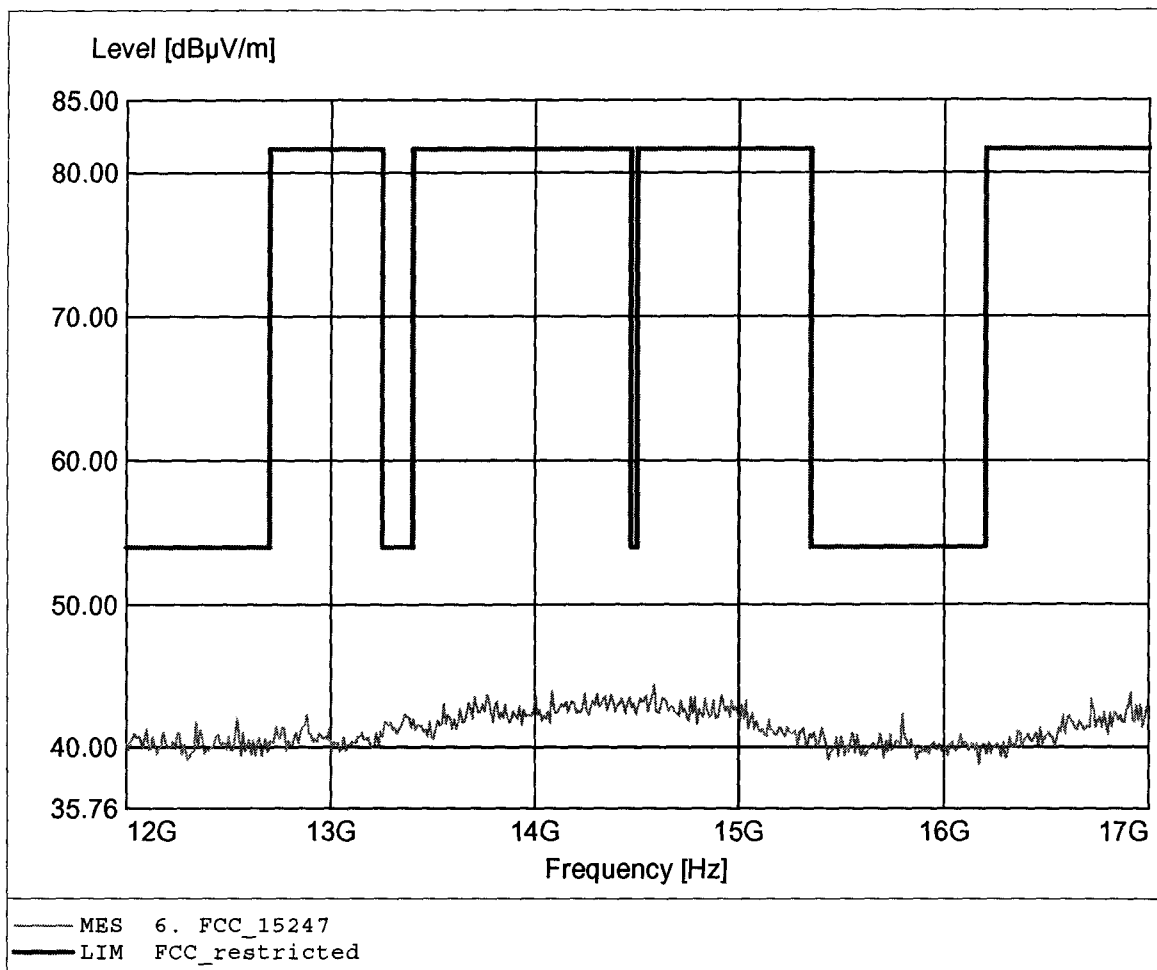
Approval Holder: H&W & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.405GHz, Emax: 44.60dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

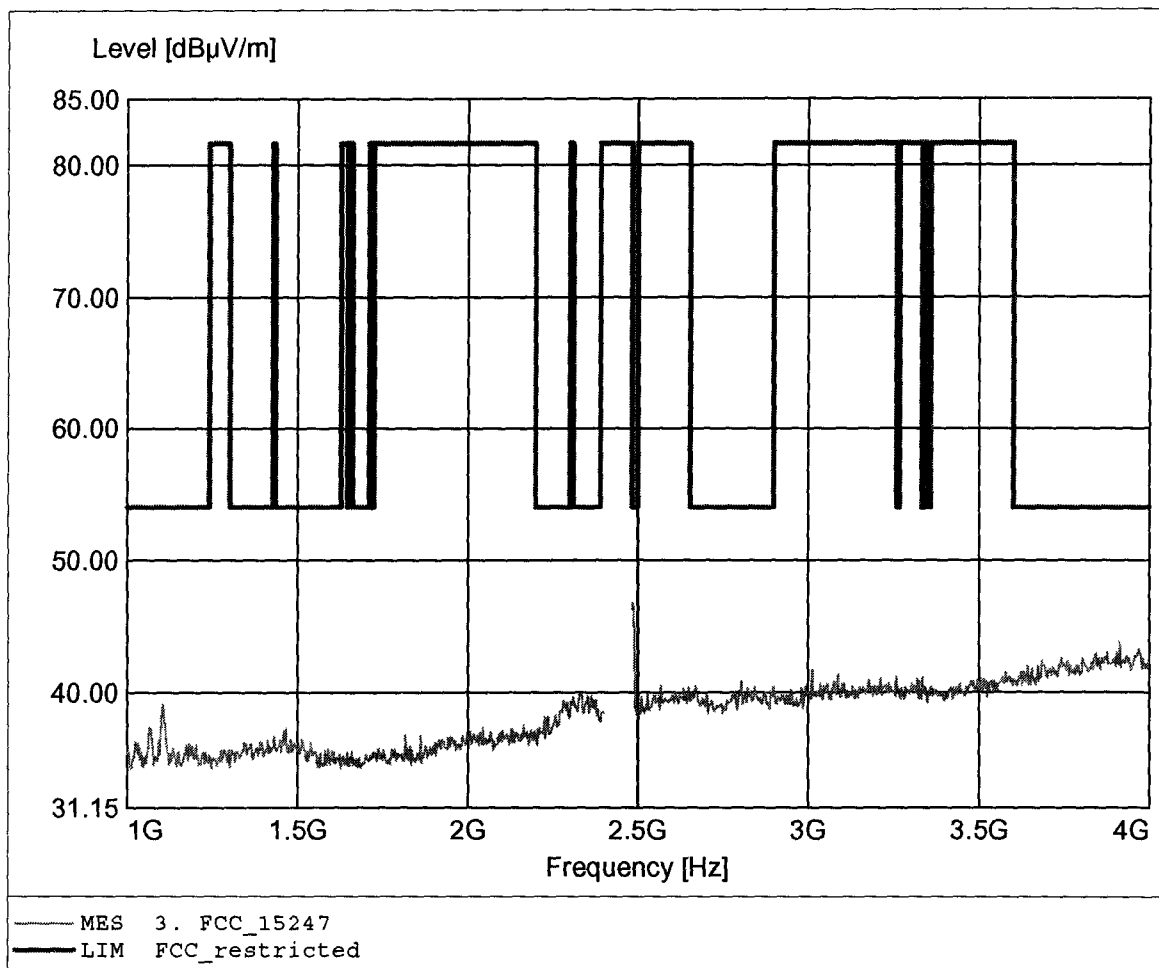
Approval Holder: H&ft & Wessel AG
EUT: Embedded WLAN radio module / 2437 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.585GHz, Emax: 44.37dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

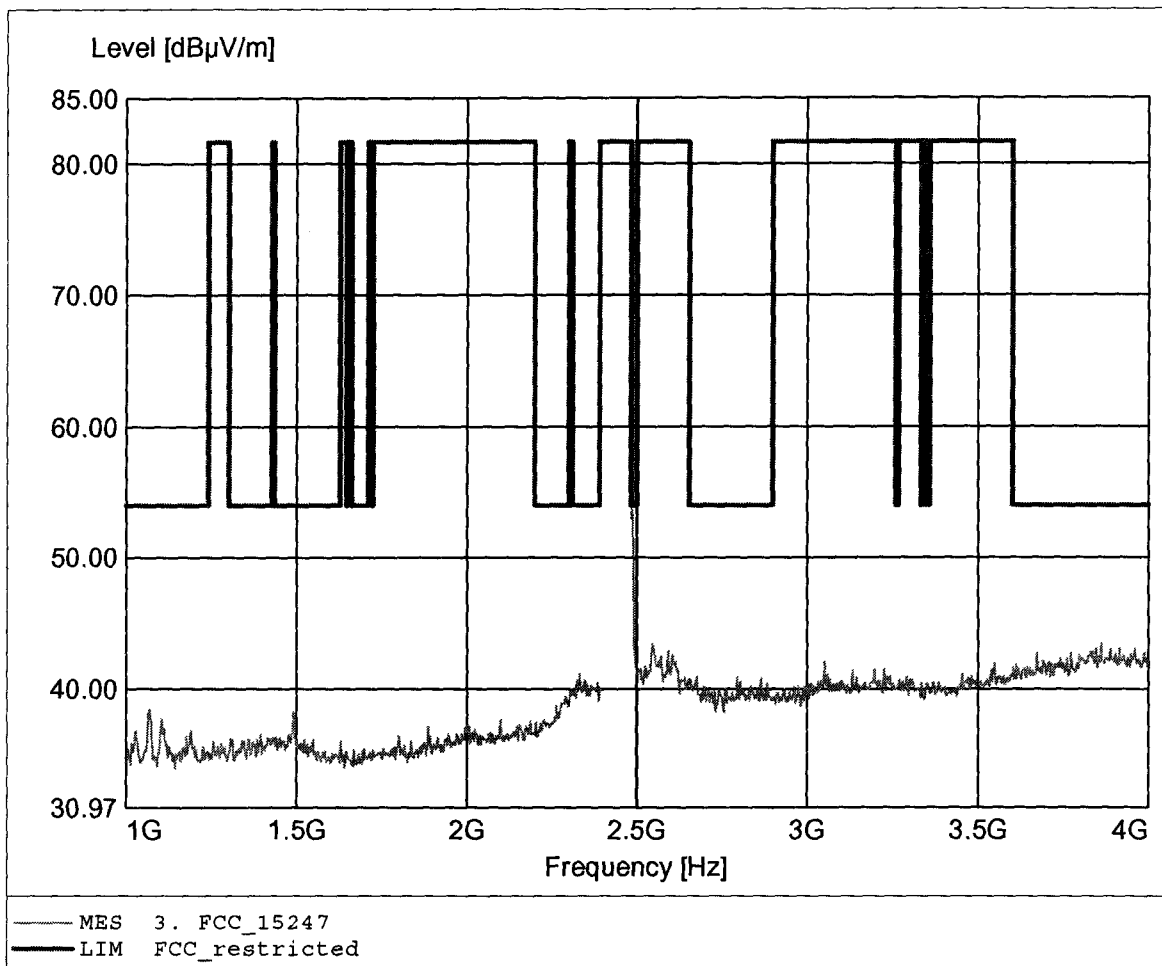
Approval Holder: H&W & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 46.79dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

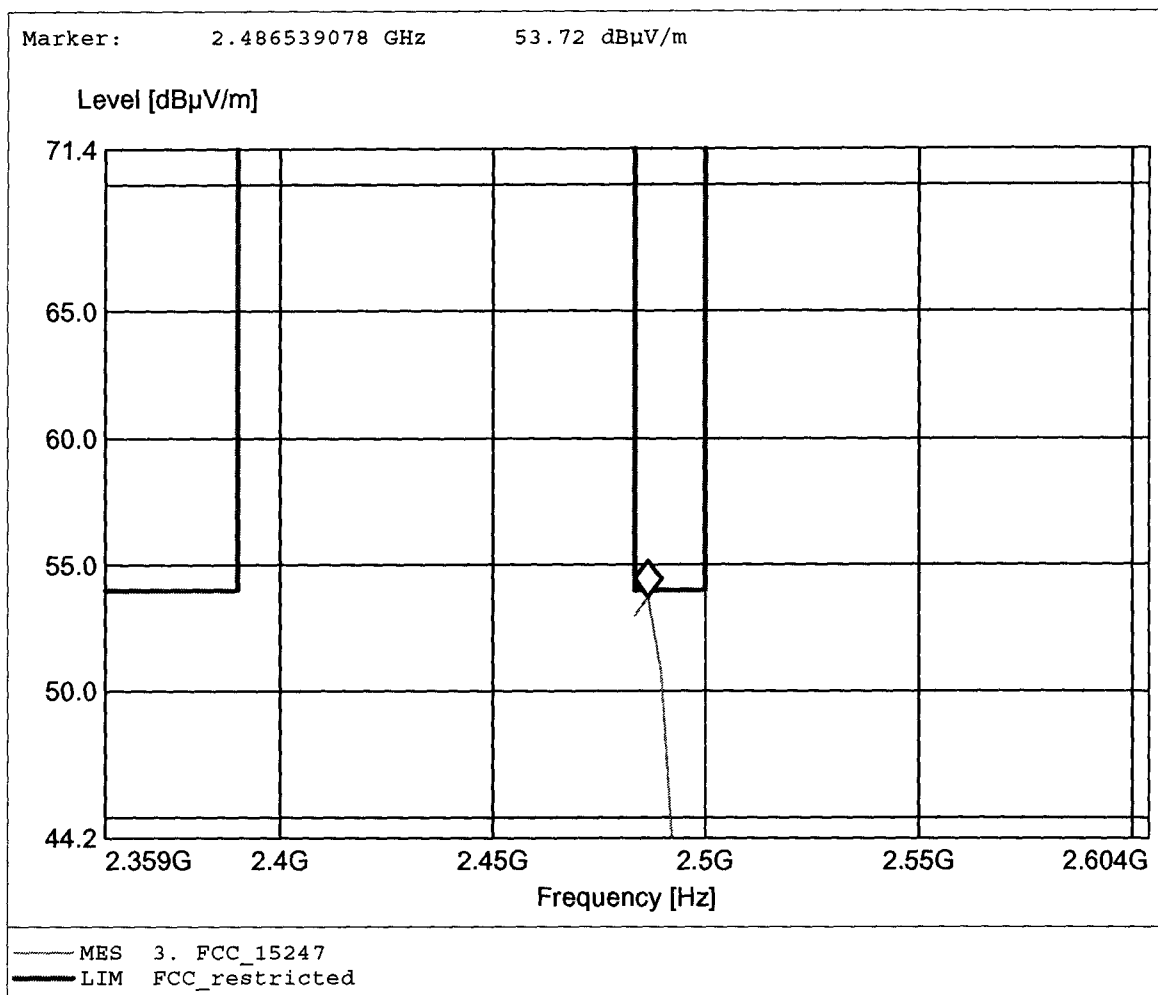
Approval Holder: H&ft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 53.72dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

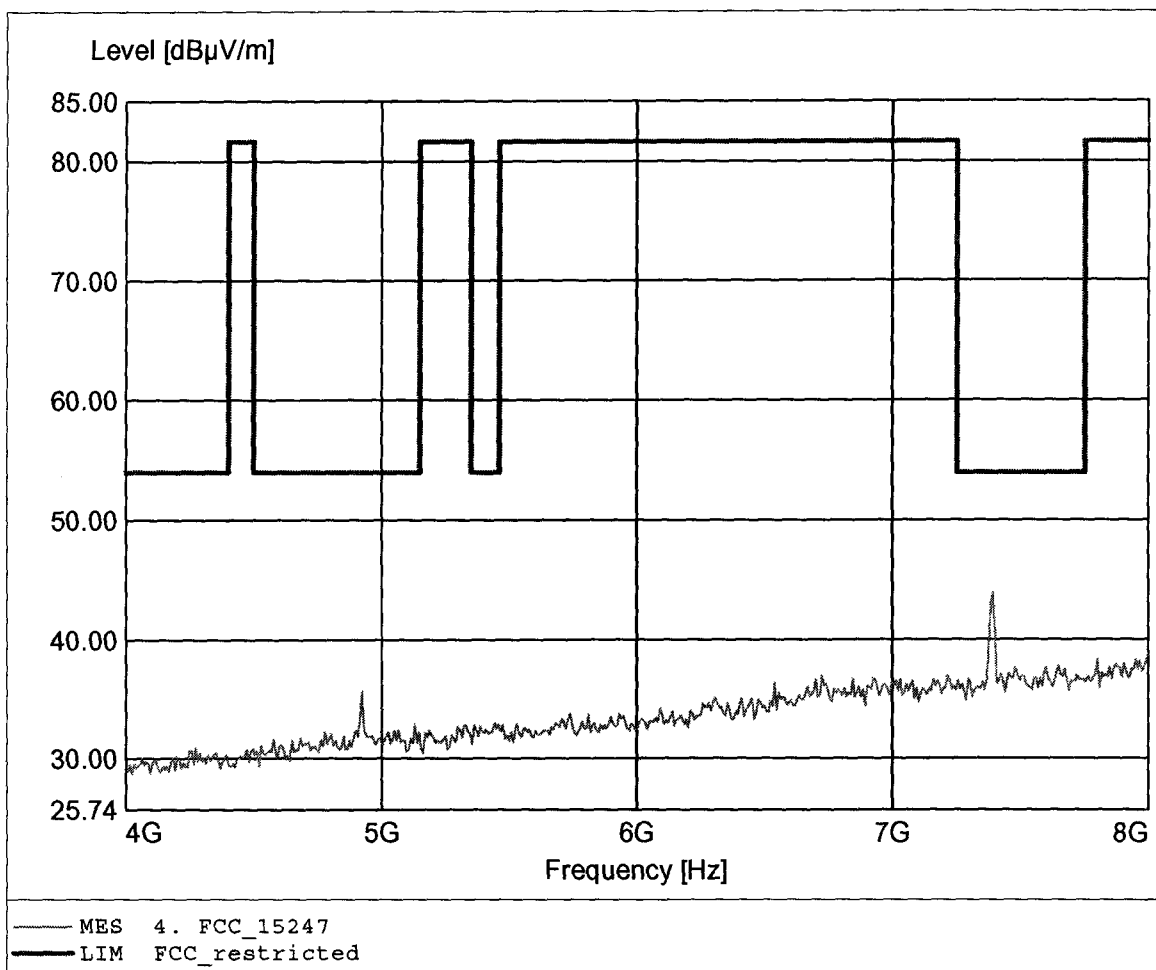
Approval Holder: Hft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.
Comment 2: Freq: 2.487GHz, Emax: 53.72dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

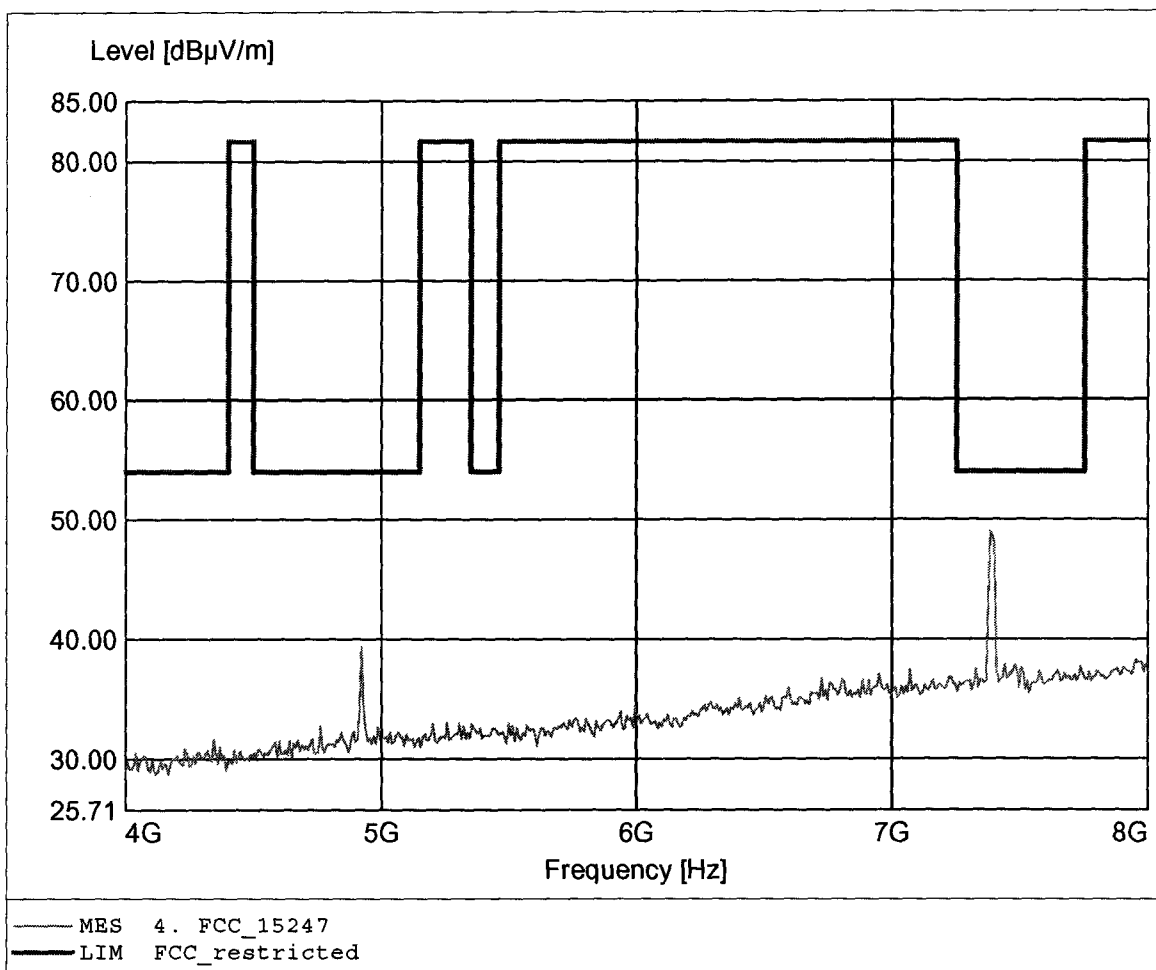
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.391GHz, Emax: 43.89dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

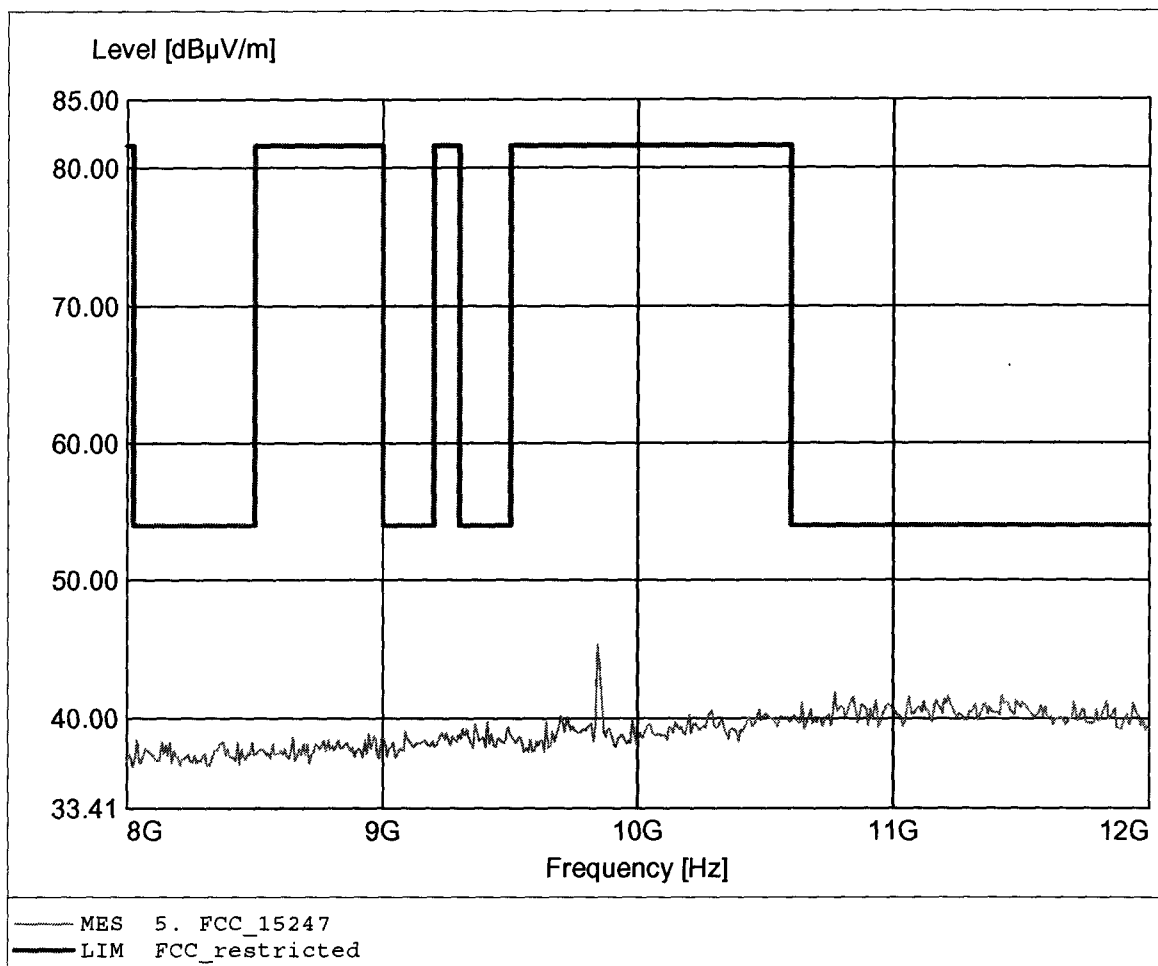
Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 7.383GHz, Emax: 49.07dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

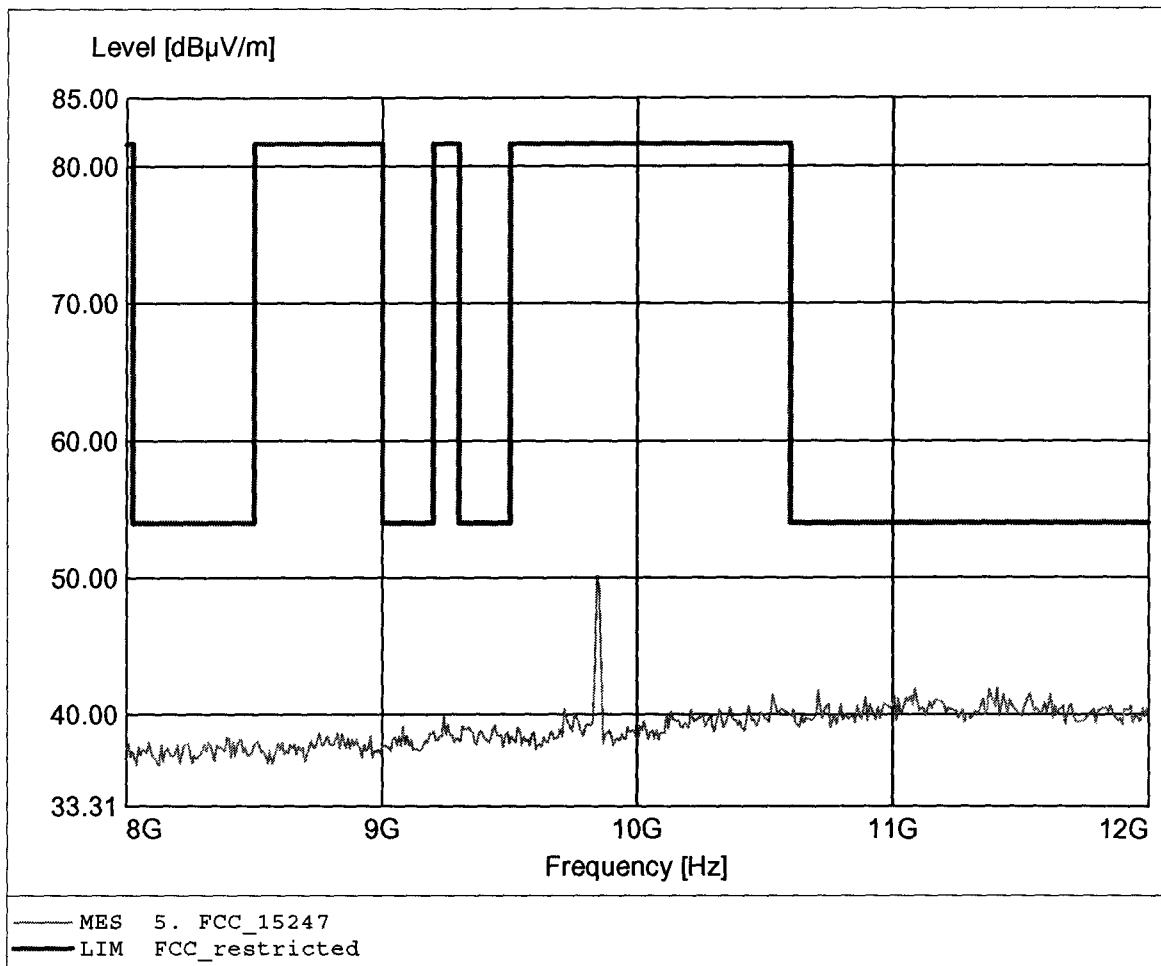
Approval Holder: HÖft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.844GHz, Emax: 45.33dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

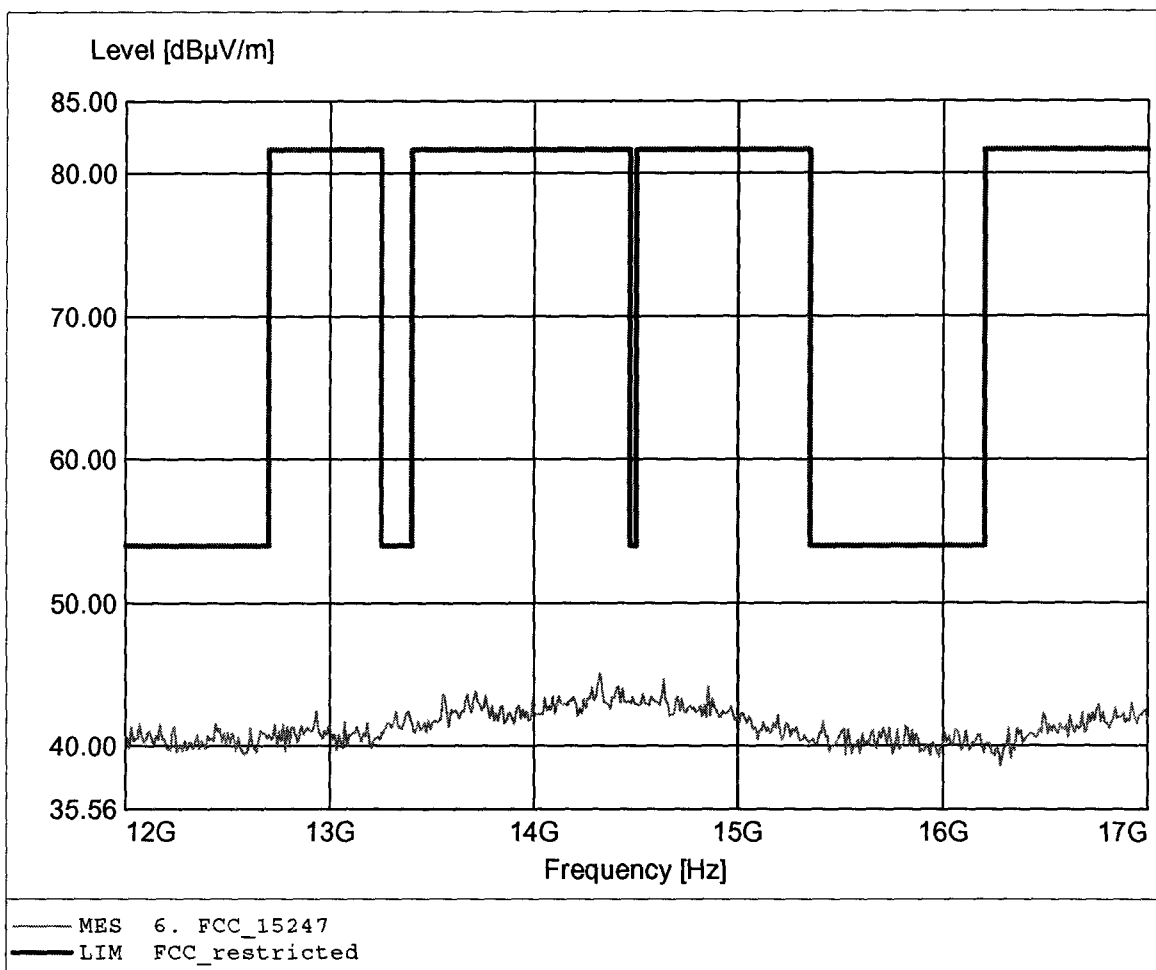
Approval Holder: Hft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 9.844GHz, Emax: 50.16dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

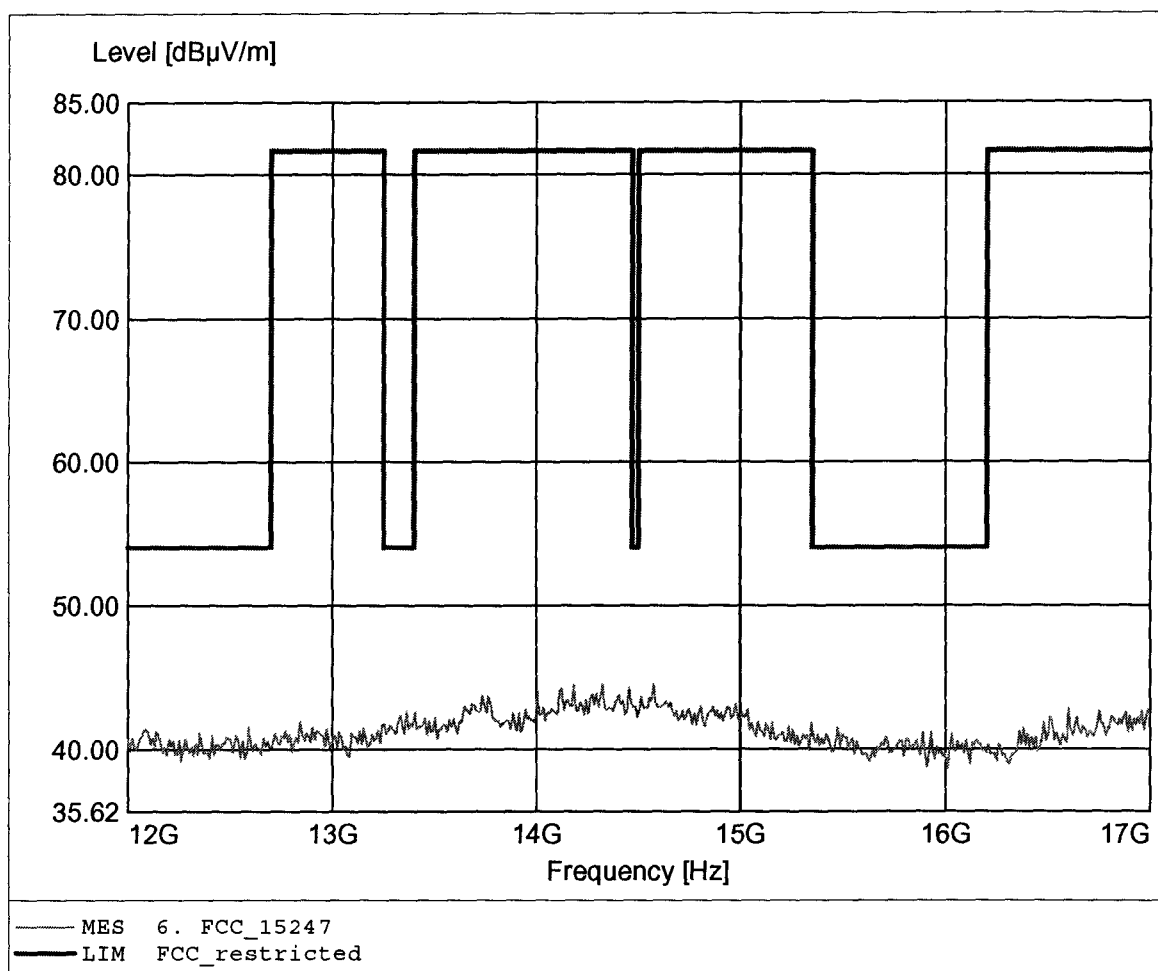
Approval Holder: H&ft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.325GHz, Emax: 45.07dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

Approval Holder: Höft & Wessel AG
EUT: Embedded WLAN radio module / 2462 MHz
Model: HW 86050 / auxiliary port 50 Ohm Load
Test Site / Operator: ETS / Mr. Hoppe
Temperature/ Voltage: 25°C / Unom: 3.3 V DC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.
Comment 2: Freq: 14.325GHz, Emax: 44.54dBμV/m, RBW: 1MHz

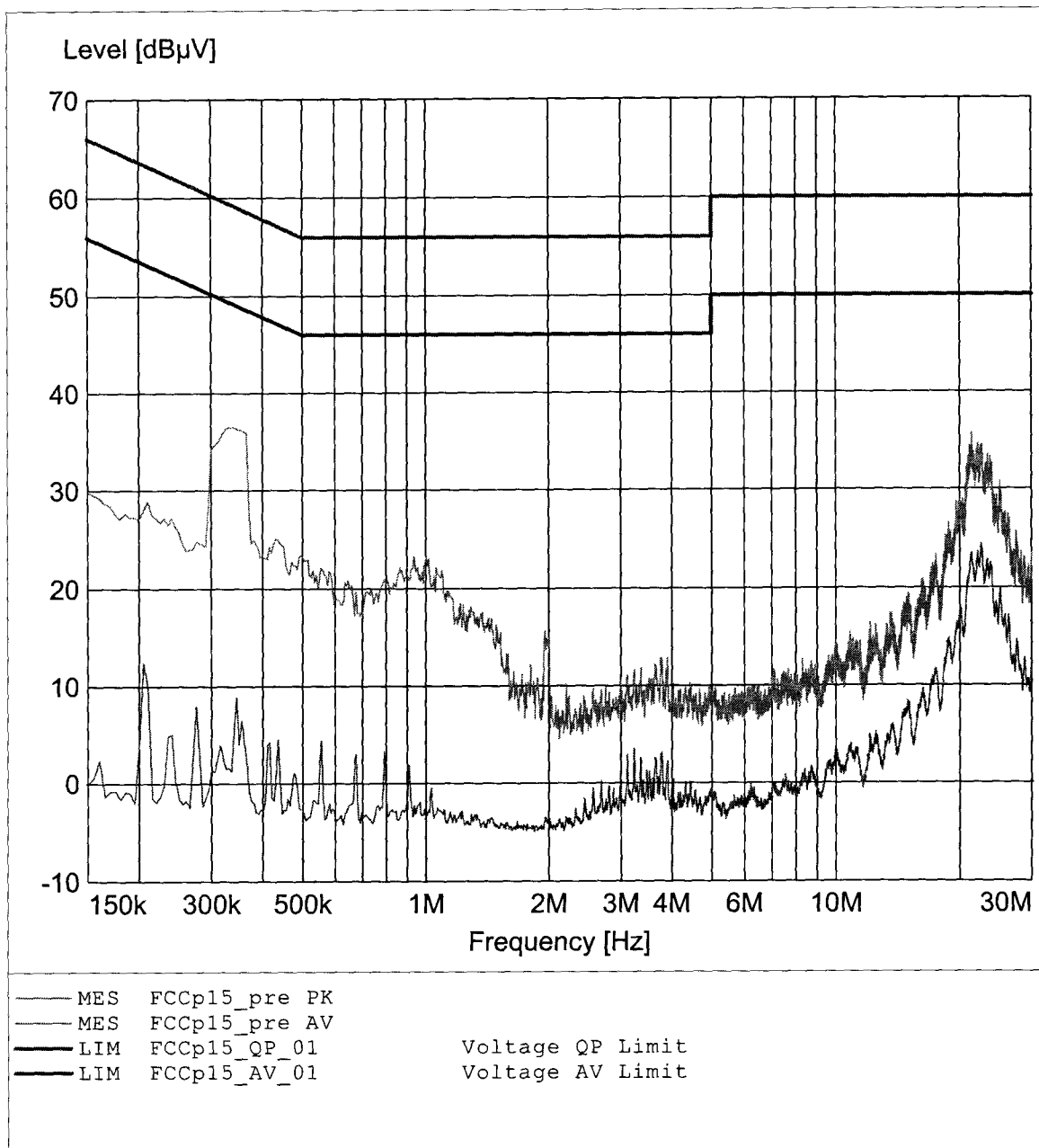


Appendix H

AC power line conducted emissions

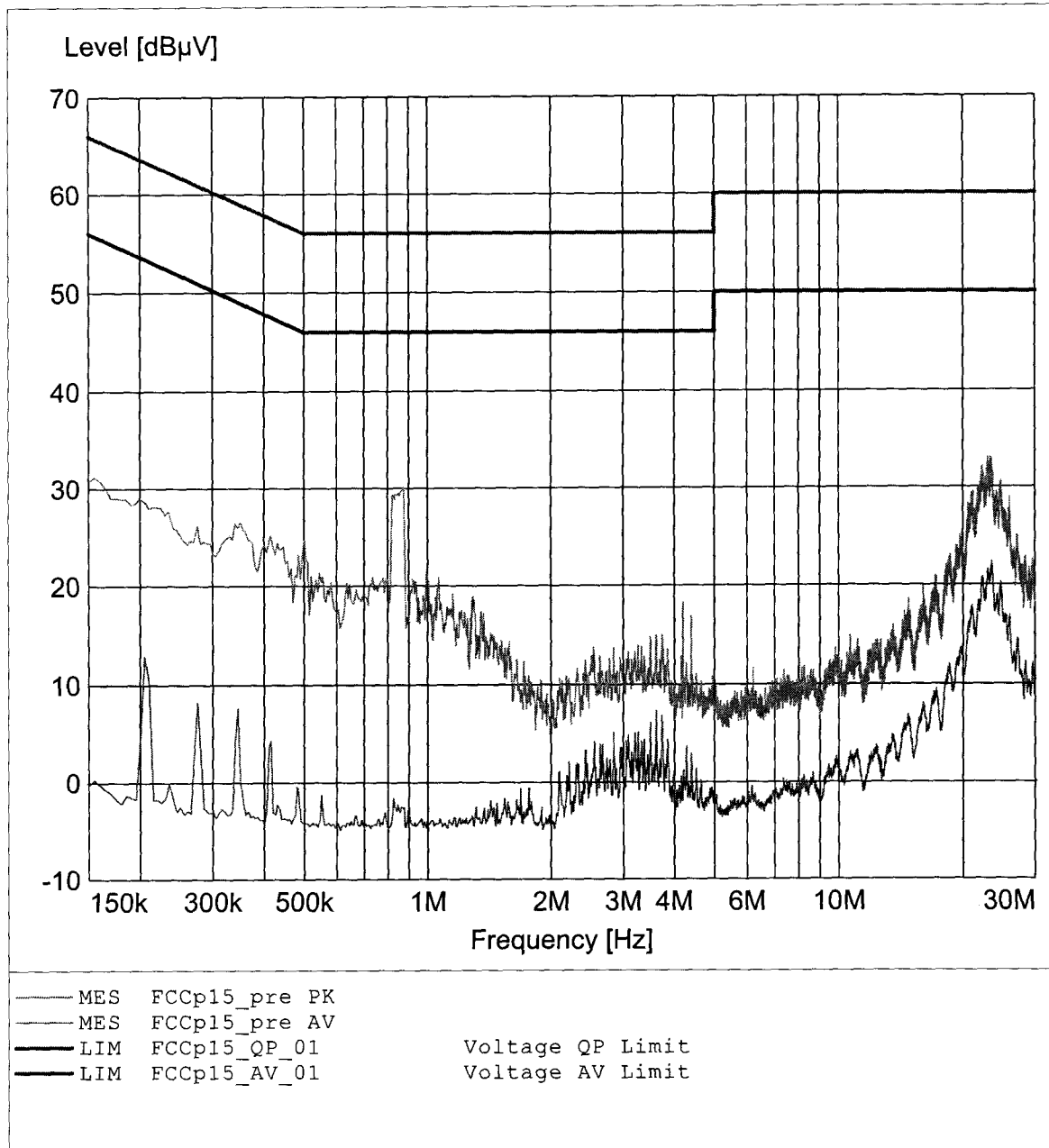
EMI voltage test in the ac-mains according to FCC part 15

EUT: Embedded WLAN radio module
Manufacturer: Höft & Wessel AG
Operating Condition: Unom: 120 VAC (AC/DC-adapter), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marquardt
Test Specification: V-Network: ESH2-Z5 (L1)
Comment: model: HW 86050



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

EUT: Embedded WLAN radio module
Manufacturer: Höft & Wessel AG
Operating Condition: Unom: 120 VAC (AC/DC-adapter), Tnom: 23°C
Test Site: ETS
Operator: Mr. Marguradt
Test Specification: V-Network: ESH2-Z5 (N)
Comment: model: HW 86050



Appendix I

Receiver radiated emisissions