



## Appendix B

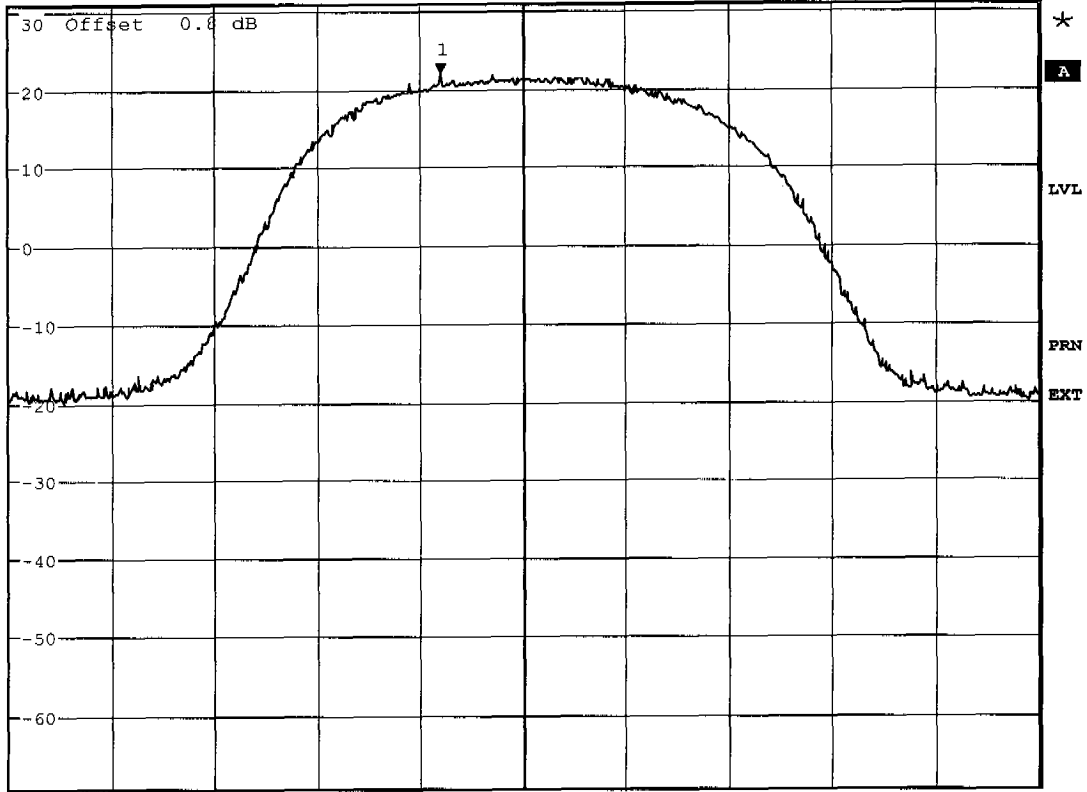
Peak Output Power



\*RBW 20 MHz      Marker 1 [T1 ]  
\*VBW 10 MHz      21.83 dBm  
SWT 2.5 ms      2.405589744 GHz

Ref 30.8 dBm      \*Att 50 dB

1 PK  
VIEW



Comment A: Output Power Conducted 6Mb/s 100% Voltage  
Date: 5.DEC.2003 10:22:59

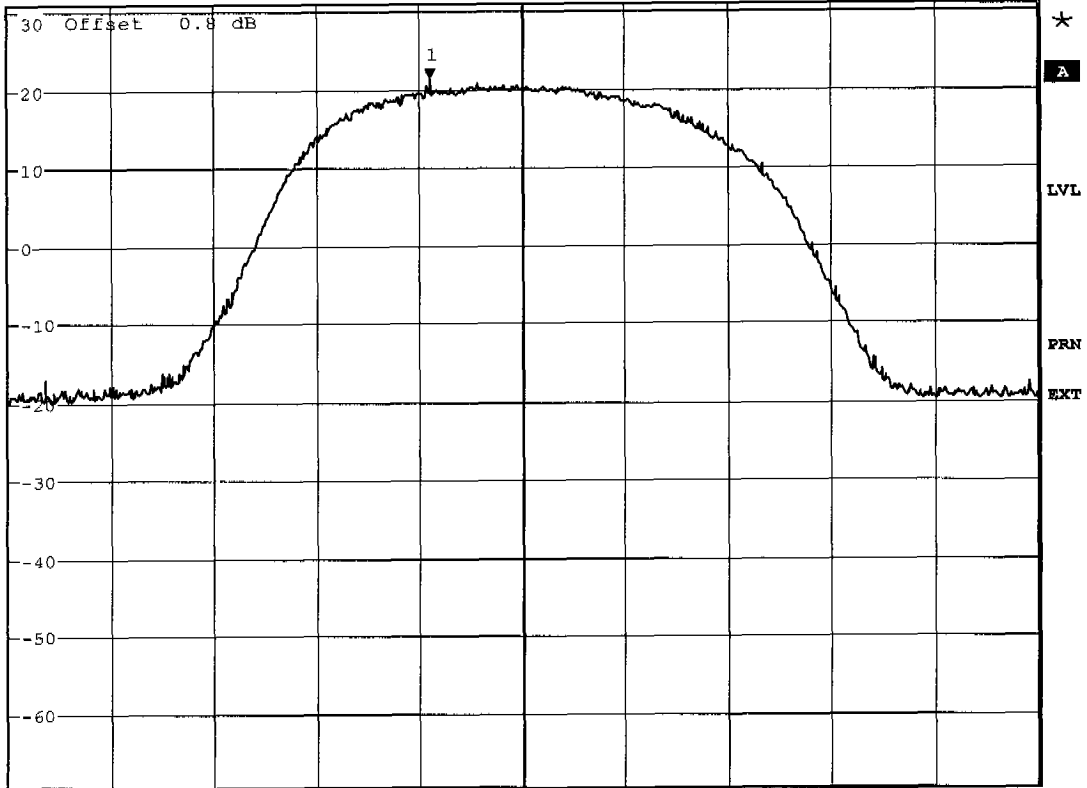


\*RBW 20 MHz      Marker 1 [T1 ]  
\*VBW 10 MHz      21.25 dBm  
SWT 2.5 ms      2.429820513 GHz

Ref 30.8 dBm

\*Att 50 dB

1 PK  
VIEW



Center 2.437 GHz

8 MHz/

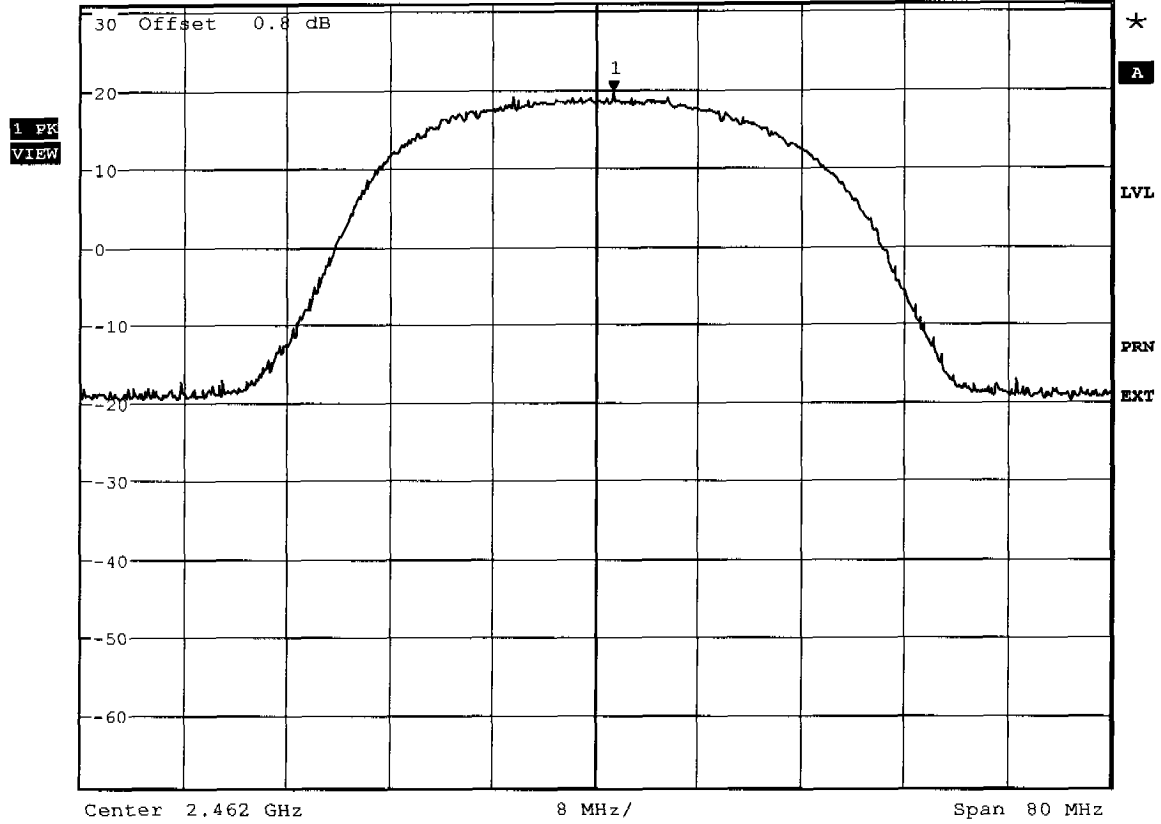
Span 80 MHz

Comment A: Output Power Conducted 6Mb/s 100% Voltage  
Date: 5.DEC.2003 10:23:44



\*RBW 20 MHz      Marker 1 [T1 ]  
\*VBW 10 MHz      19.59 dBm  
SWT 2.5 ms      2.463410256 GHz

Ref 30.8 dBm      \*Att 50 dB



Comment A: Output Power Conducted 6Mb/s 100% Voltage  
Date: 5.DEC.2003 10:24:34

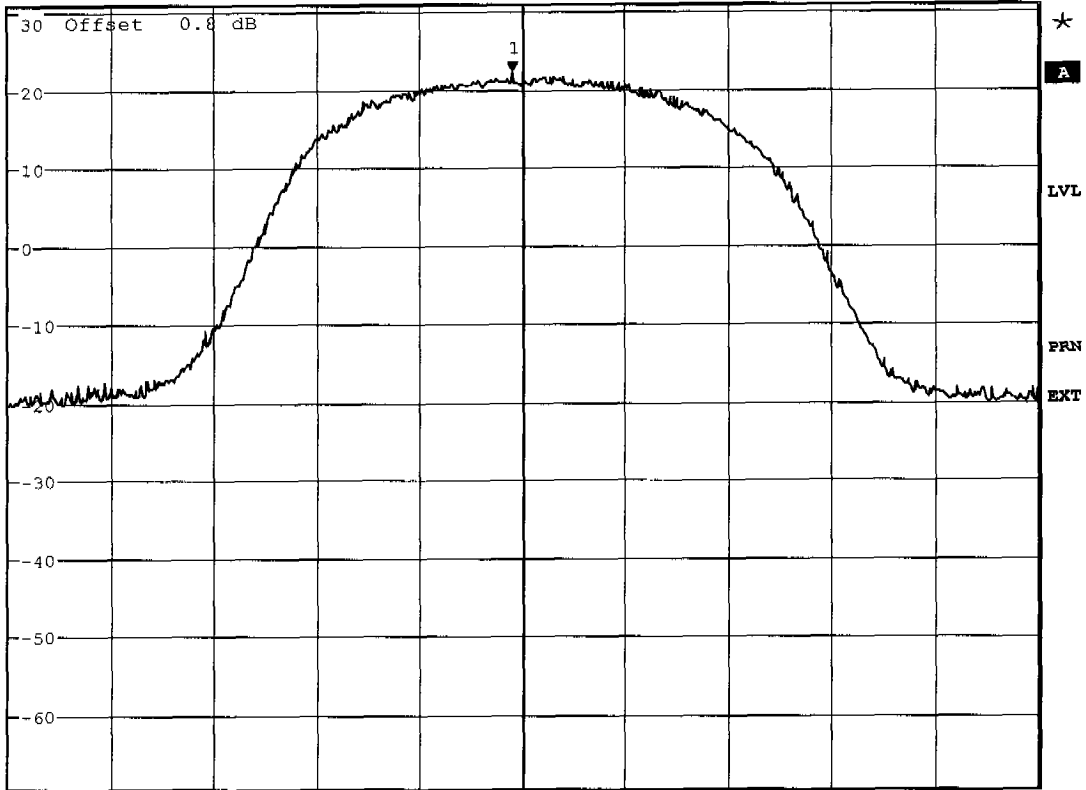


\*RBW 20 MHz      Marker 1 [T1 ]  
\*VBW 10 MHz      21.98 dBm  
SWT 2.5 ms      2.411230769 GHz

Ref 30.8 dBm

\*Att 50 dB

1 PK  
VIEW



Center 2.412 GHz

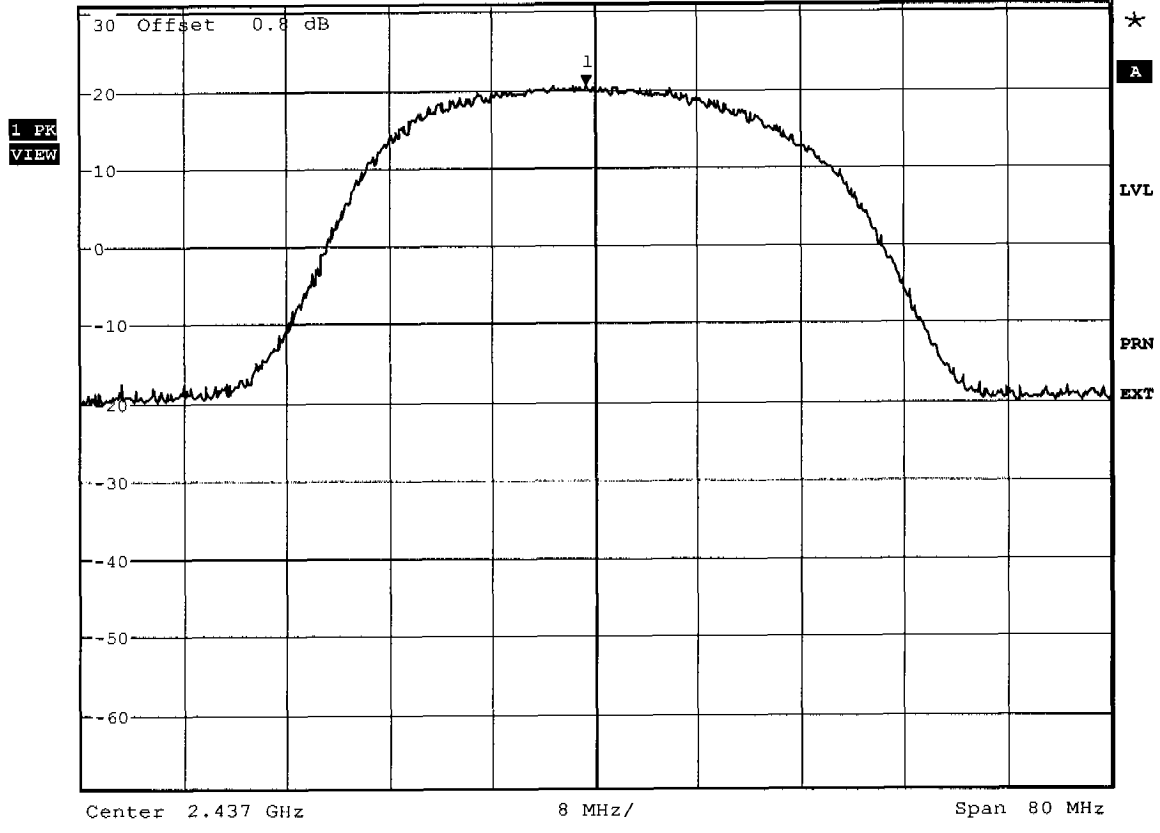
8 MHz/

Span 80 MHz

Comment A: Output Power Conducted 6Mb/s 85% Voltage  
Date: 5.DEC.2003 09:31:19



Ref 30.8 dBm      \*Att 50 dB      \*RBW 20 MHz      Marker 1 [T1]      20.35 dBm  
SWT 2.5 ms      2.436358974 GHz



Comment A: Output Power Conducted 6Mb/s 85% Voltage  
Date: 5.DEC.2003 09:30:35

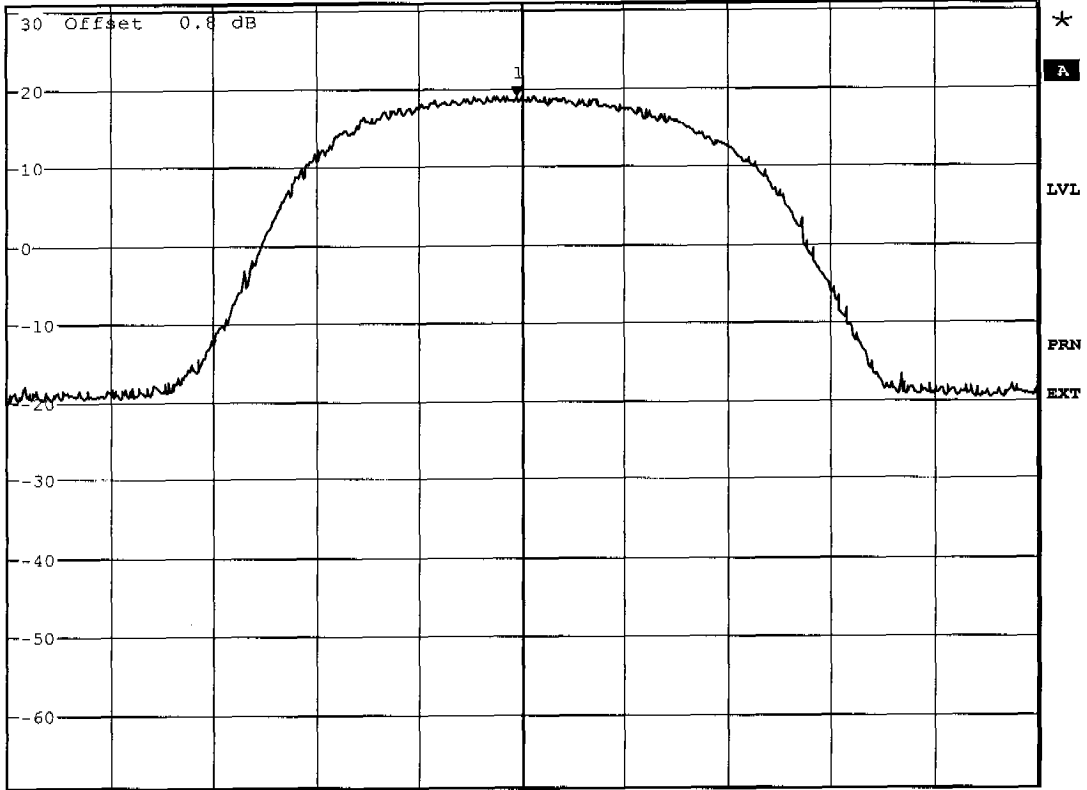


\*RBW 20 MHz      Marker 1 [T1 ]  
\*VBW 10 MHz      18.76 dBm  
SWT 2.5 ms      2.461615385 GHz

Ref 30.8 dBm

\*Att 50 dB

1 PK  
VIEW



Center 2.462 GHz

8 MHz/

Span 80 MHz

Comment A: Output Power Conducted 6Mb/s 85% Voltage  
Date: 5.DEC.2003 09:29:37

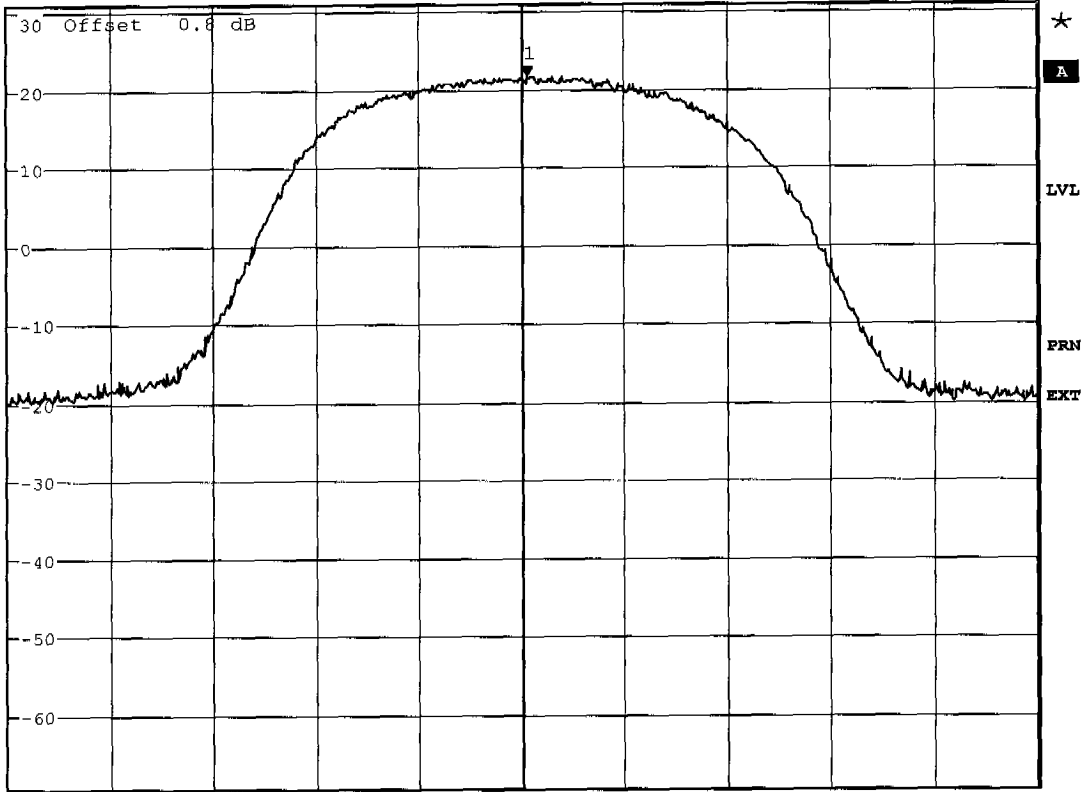


\*RBW 20 MHz      Marker 1 [T1 ]  
\*VBW 10 MHz      21.37 dBm  
SWT 2.5 ms      2.412512821 GHz

Ref 30.8 dBm

\*Att 50 dB

1 PK  
VIEW



Comment A: Output Power Conducted 6Mb/s 115% Voltage  
Date: 5.DEC.2003 10:19:56



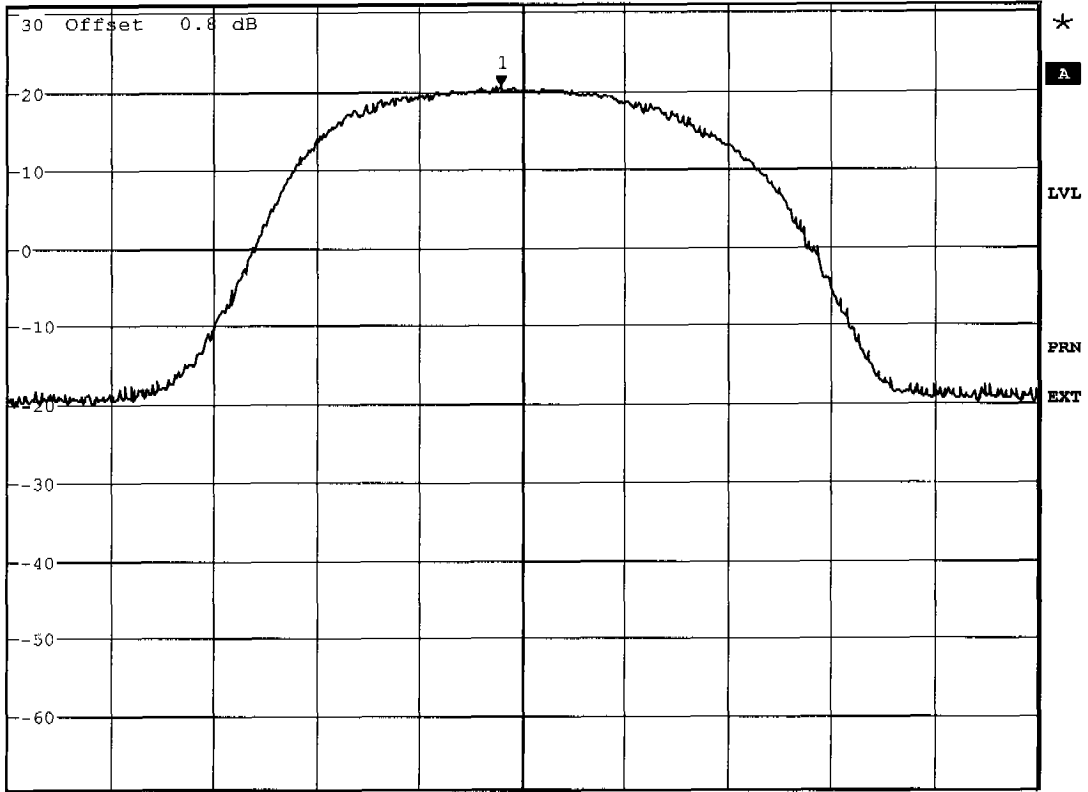


\*RBW 20 MHz      Marker 1 [T1 ]  
\*VBW 10 MHz      20.36 dBm  
SWT 2.5 ms      2.435333333 GHz

Ref 30.8 dBm

\*Att 50 dB

1 PK  
VIEW



Center 2.437 GHz

8 MHz/

Span 80 MHz

Comment A: Output Power Conducted 6Mb/s 115% Voltage  
Date: 5.DEC.2003 10:19:09

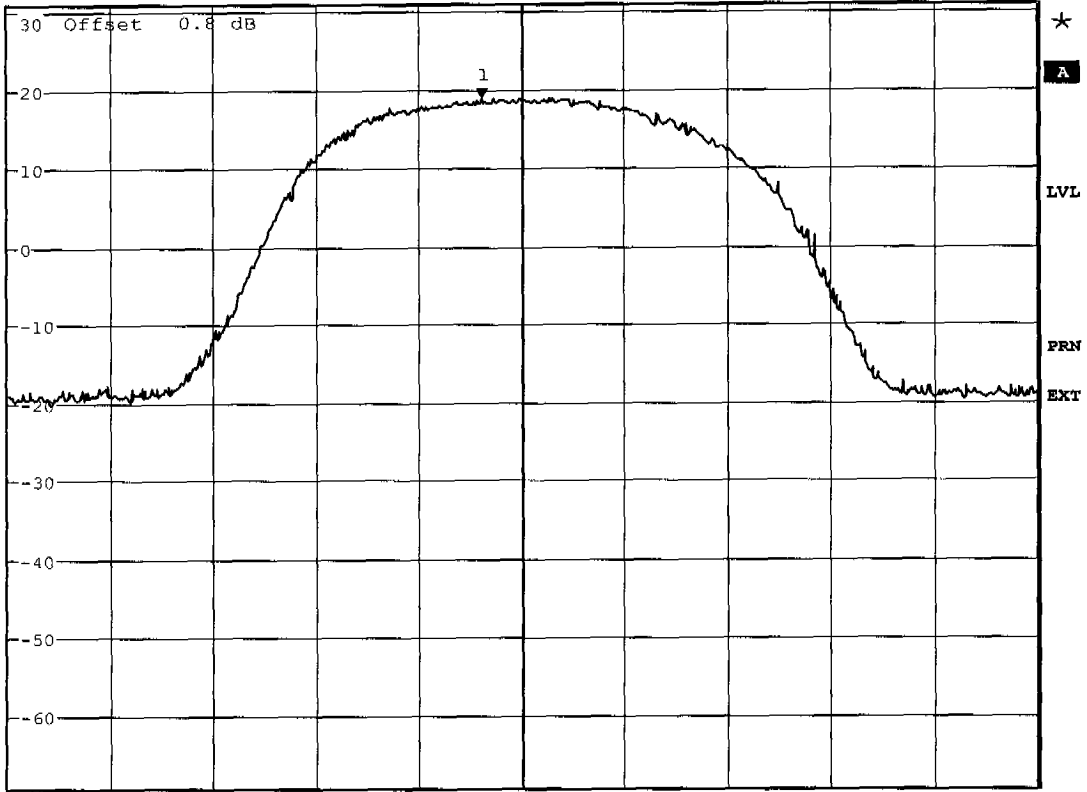


\*RBW 20 MHz      Marker 1 [T1 ]  
\*VBW 10 MHz      18.78 dBm  
SWT 2.5 ms      2.458923077 GHz

Ref 30.8 dBm

\*Att 50 dB

1 PK  
VIEW



Center 2.462 GHz

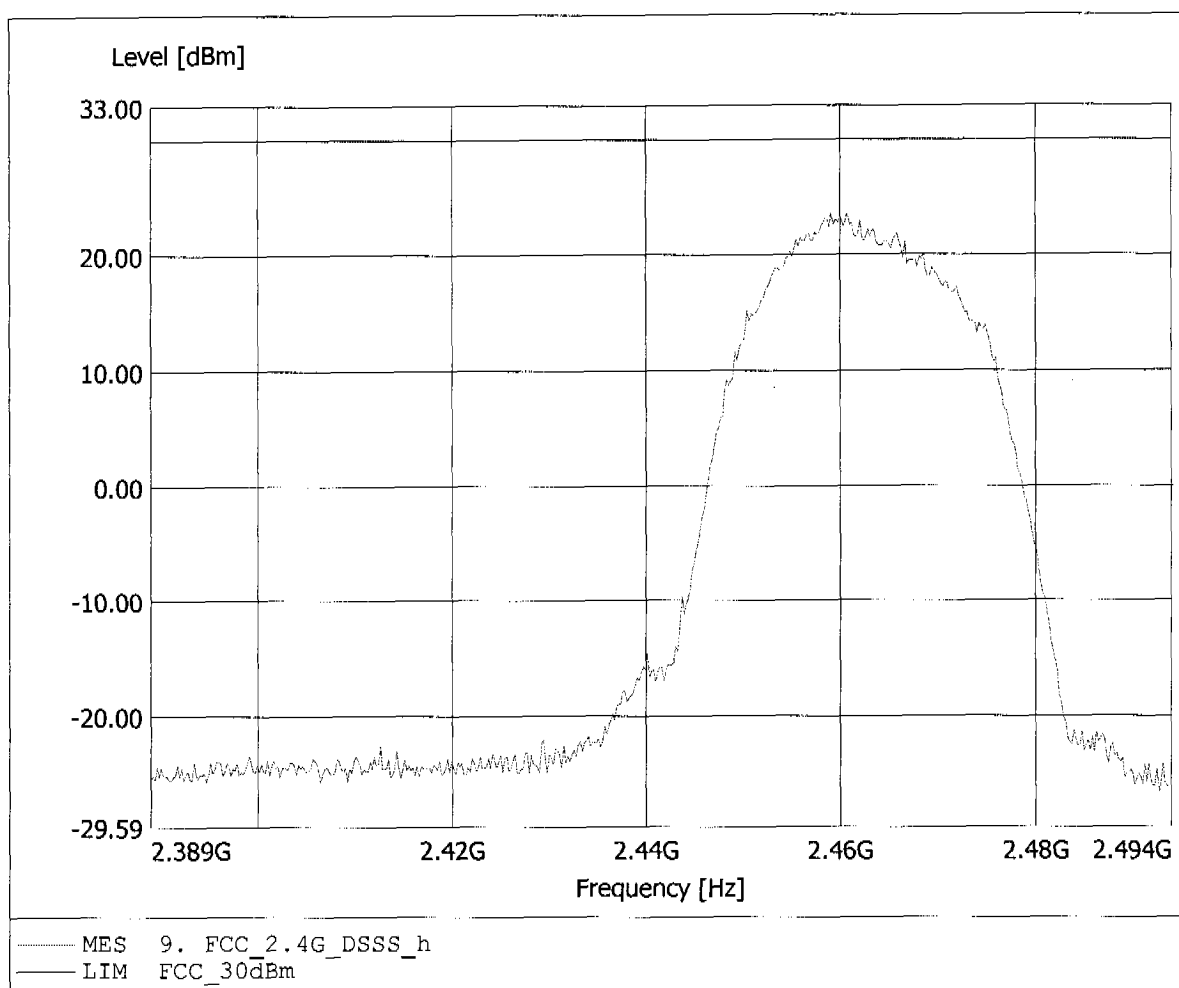
8 MHz/

Span 80 MHz

Comment A: Output Power Conducted 6Mb/s 115% Voltage  
Date: 5.DEC.2003 10:18:21

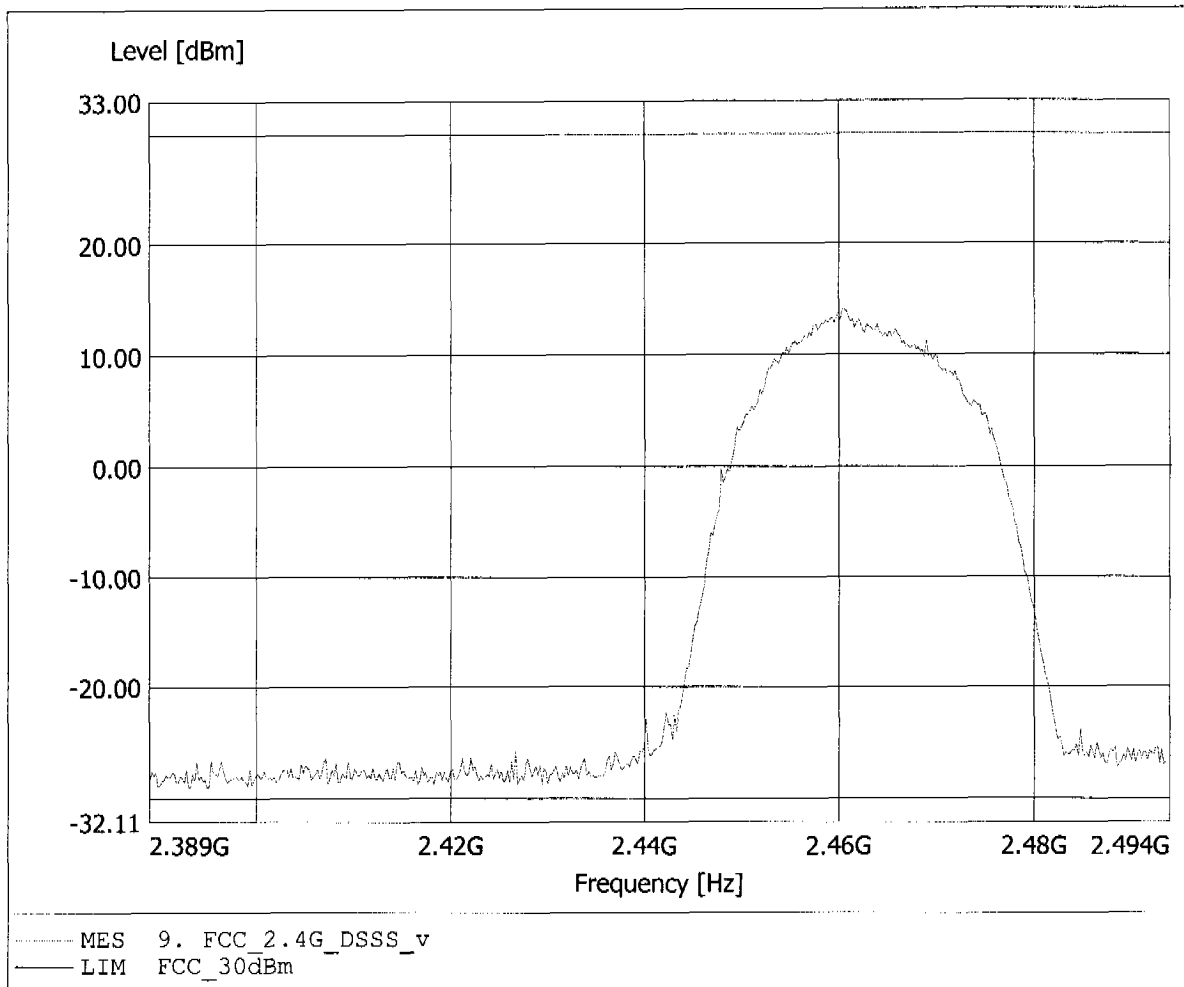
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.461GHz, Pmax: 23.52dBm, RBW: 10MHz



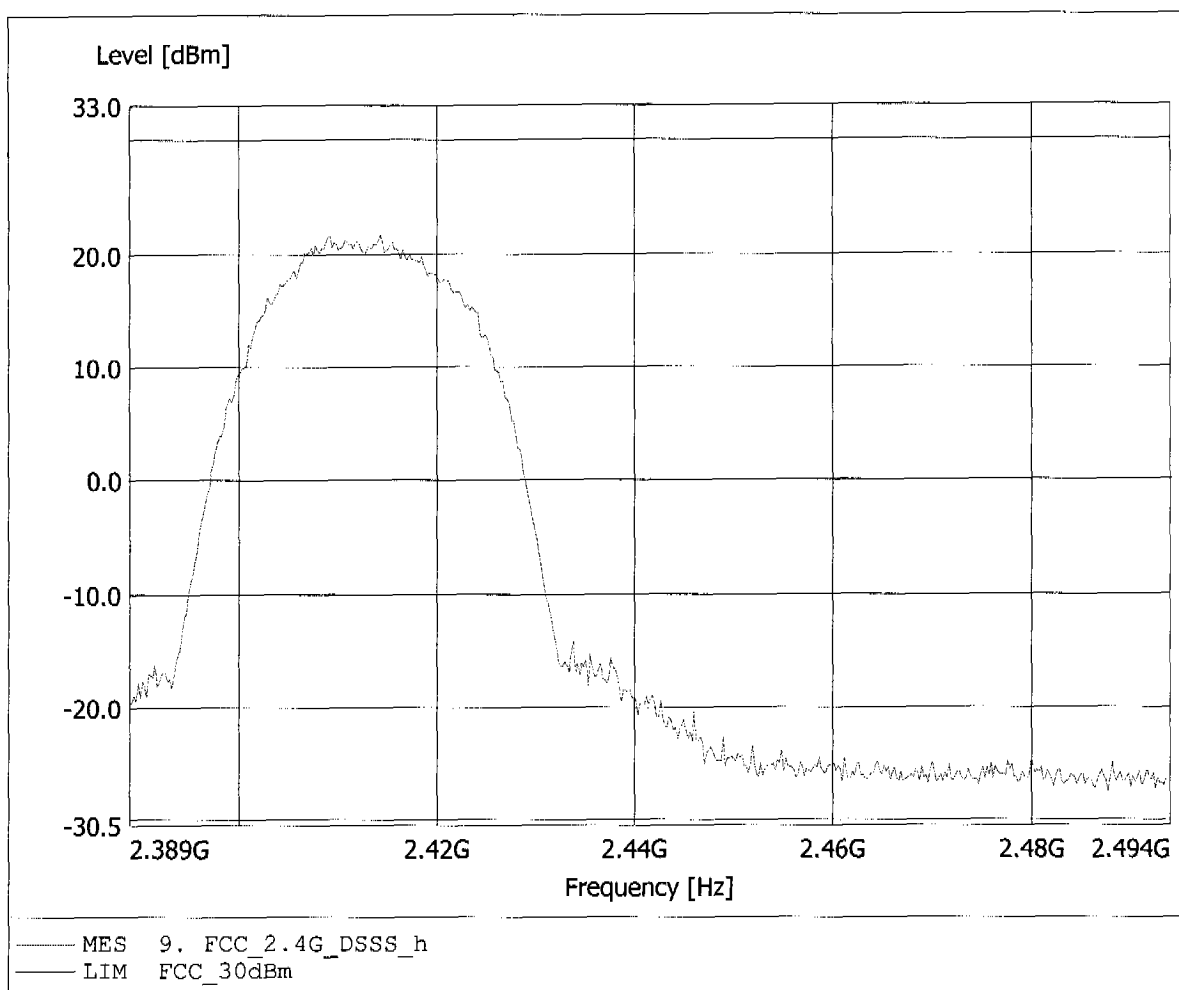
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.461GHz, Pmax: 13.99dBm, RBW: 10MHz



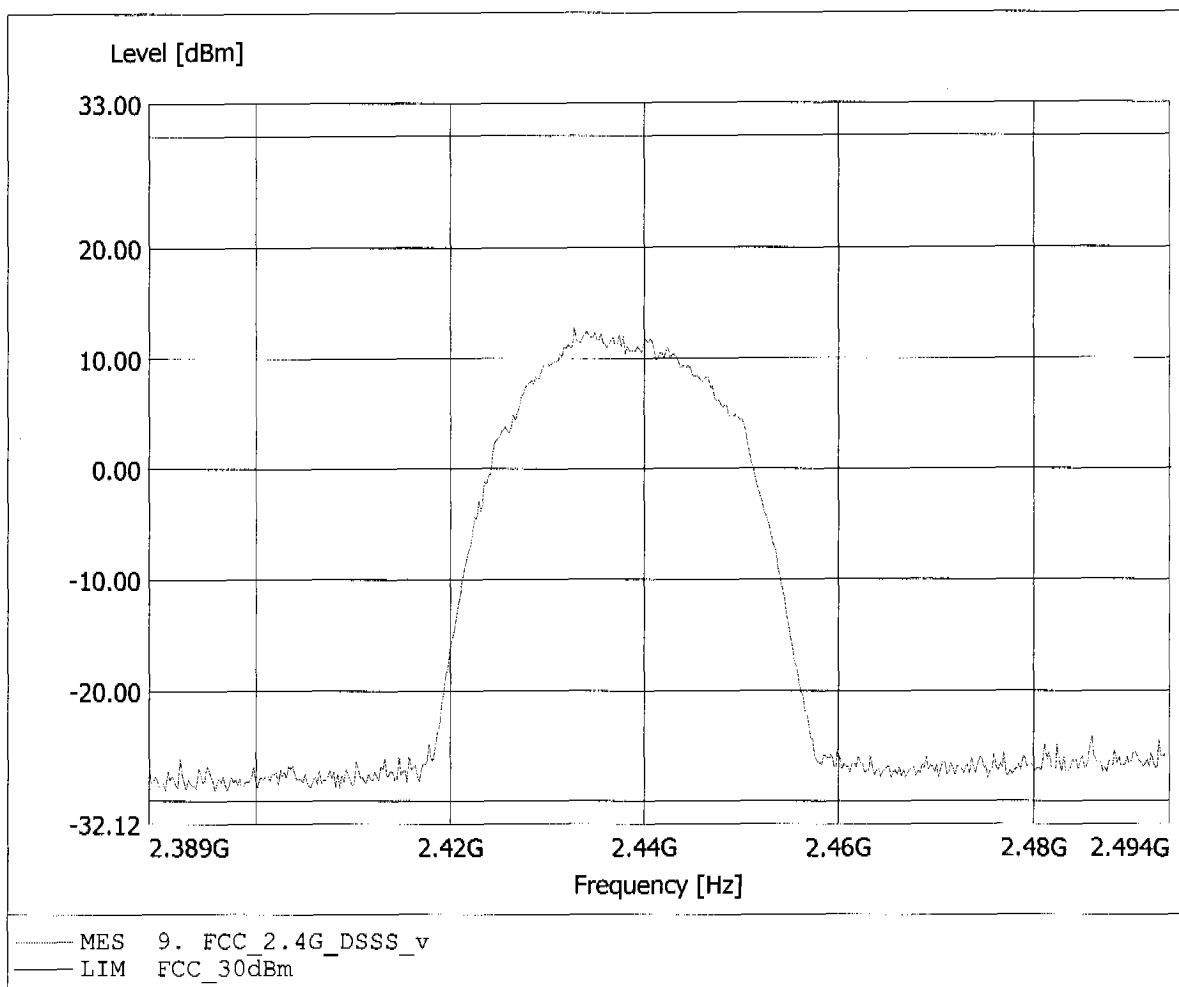
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.414GHz, Pmax: 21.72dBm, RBW: 10MHz



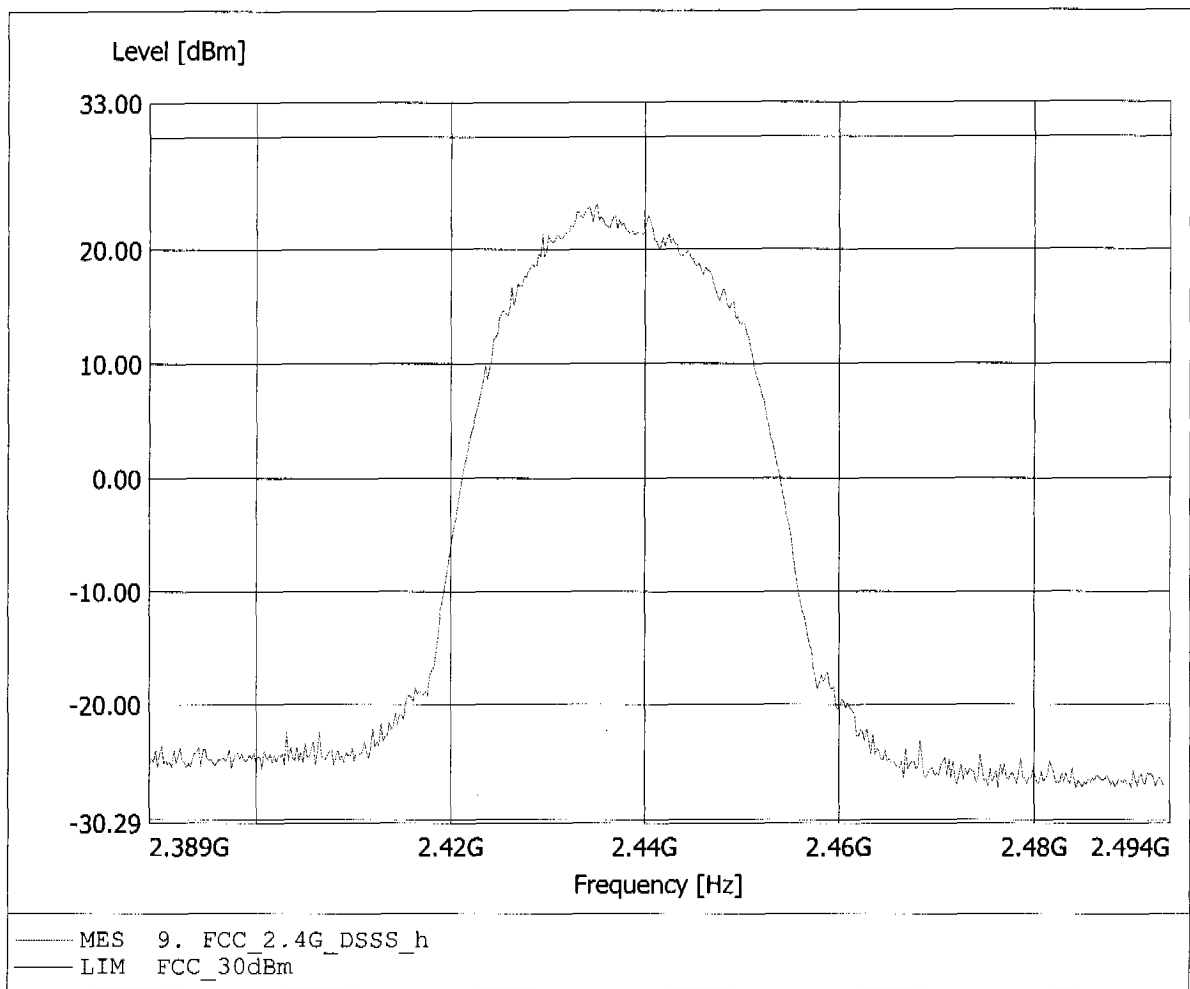
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.433GHz, Pmax: 12.78dBm, RBW: 10MHz



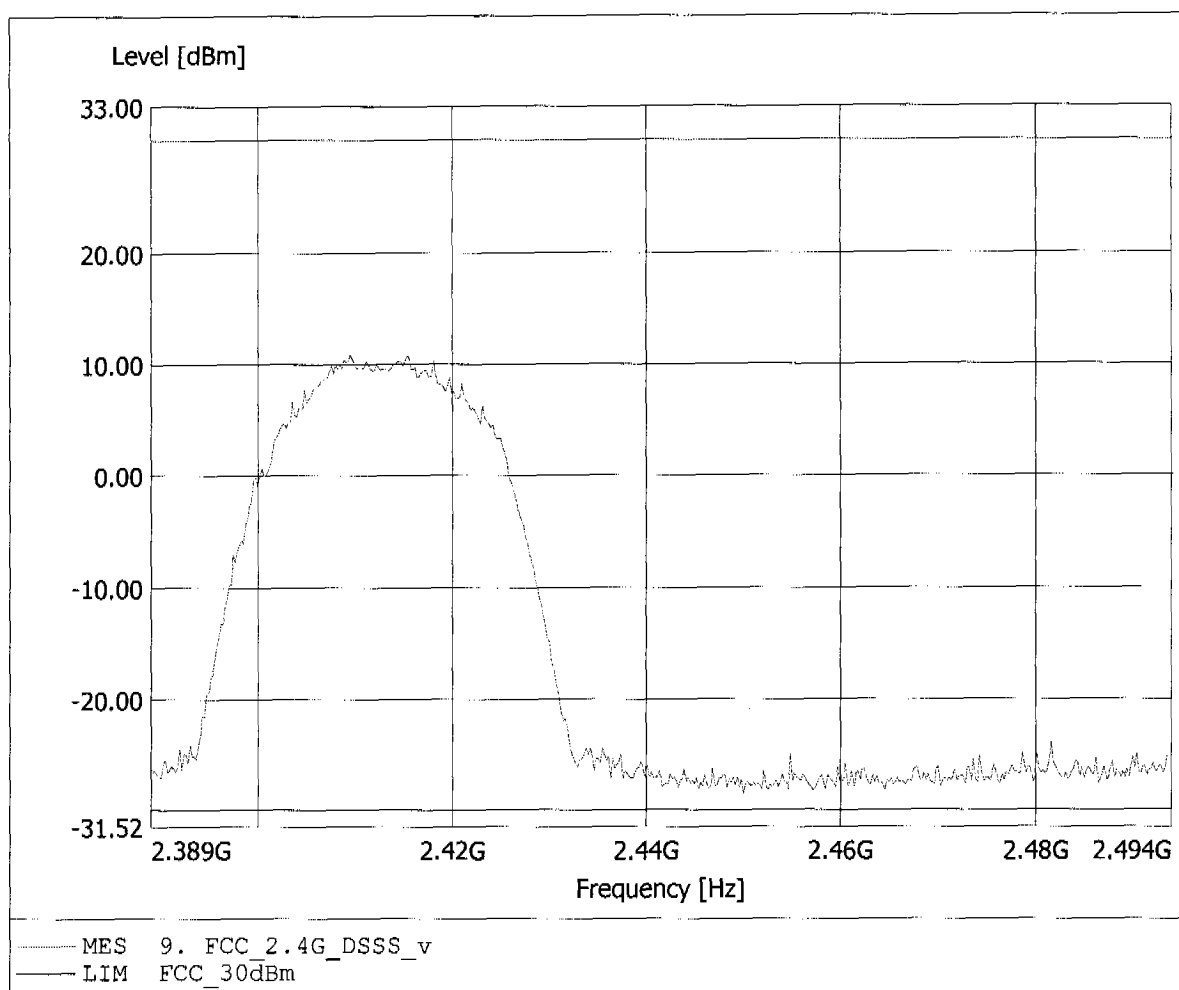
**Carrier power (dBm)**  
**FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.435GHz, Pmax: 23.96dBm, RBW: 10MHz



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

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.409GHz, Pmax: 10.86dBm, RBW: 10MHz





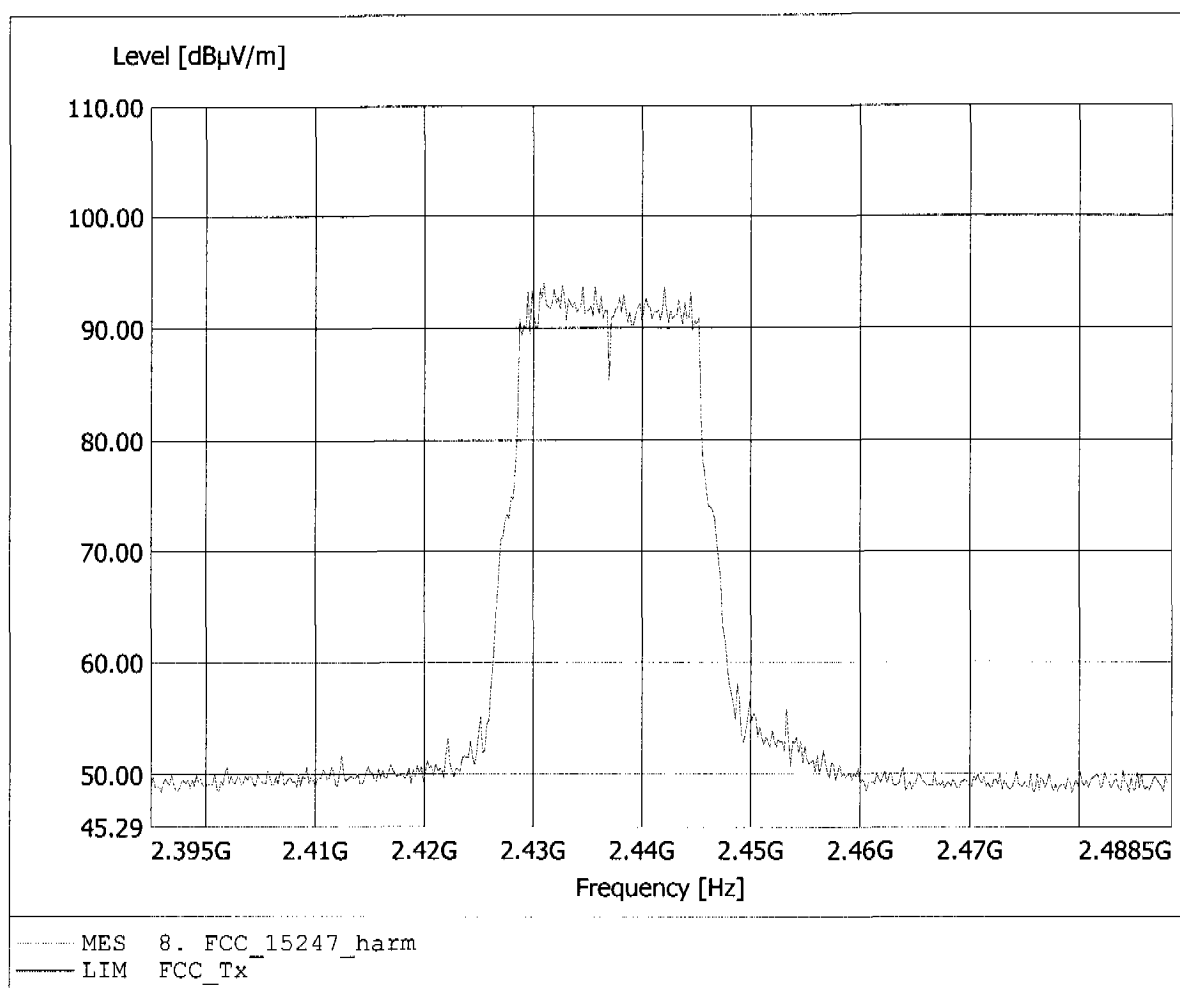


## Appendix C

Spurious Emissions radiated - Transmitter operating

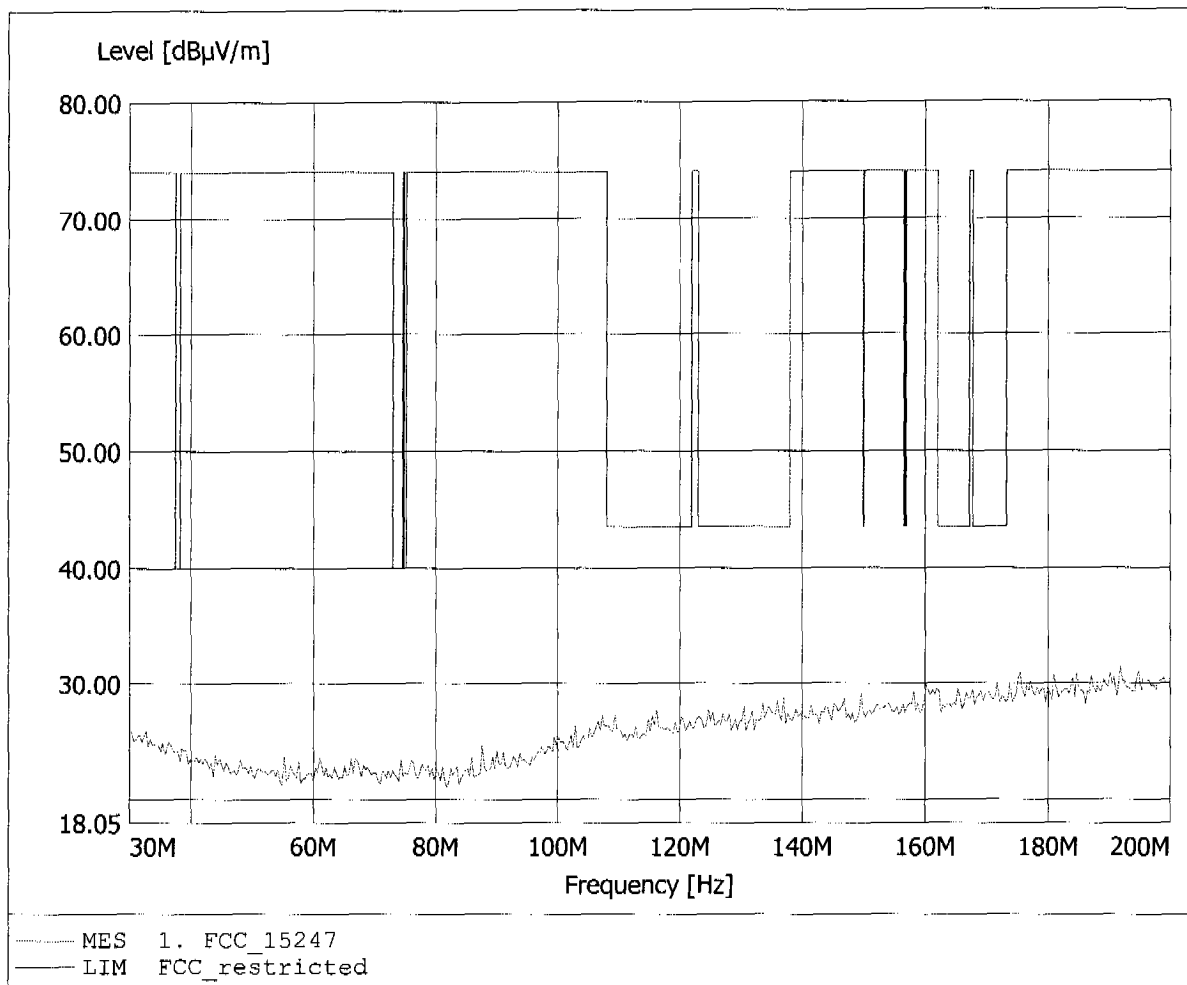
**Carrier power (Field Strength)**  
**FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: BBHA9120D  
Comment 2: Freq: 2.431GHz, Emax: 94.04dBµV/m, RBW: 100kHz



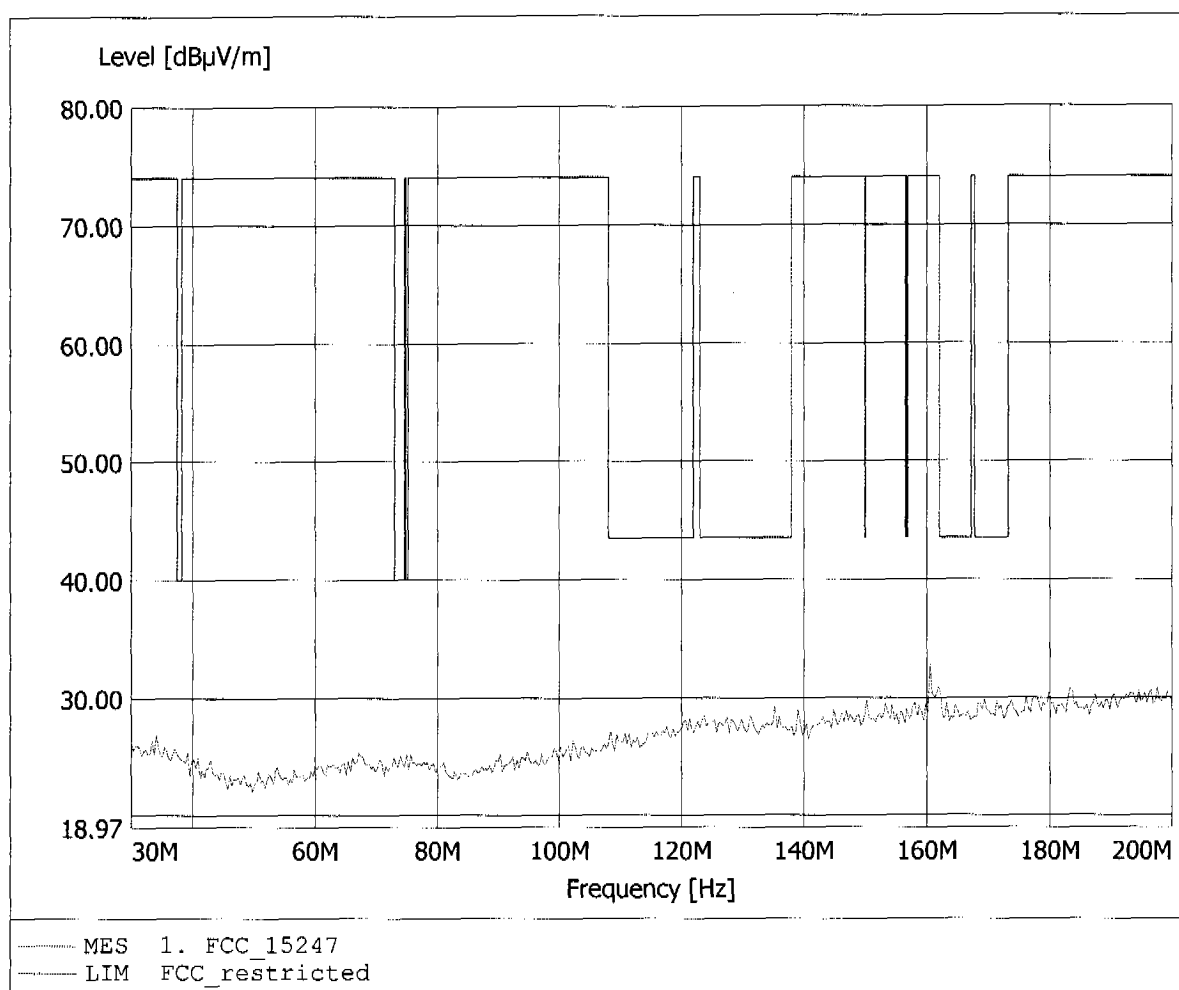
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 191.824MHz, Emax: 31.38dBµV/m, RBW: 100kHz



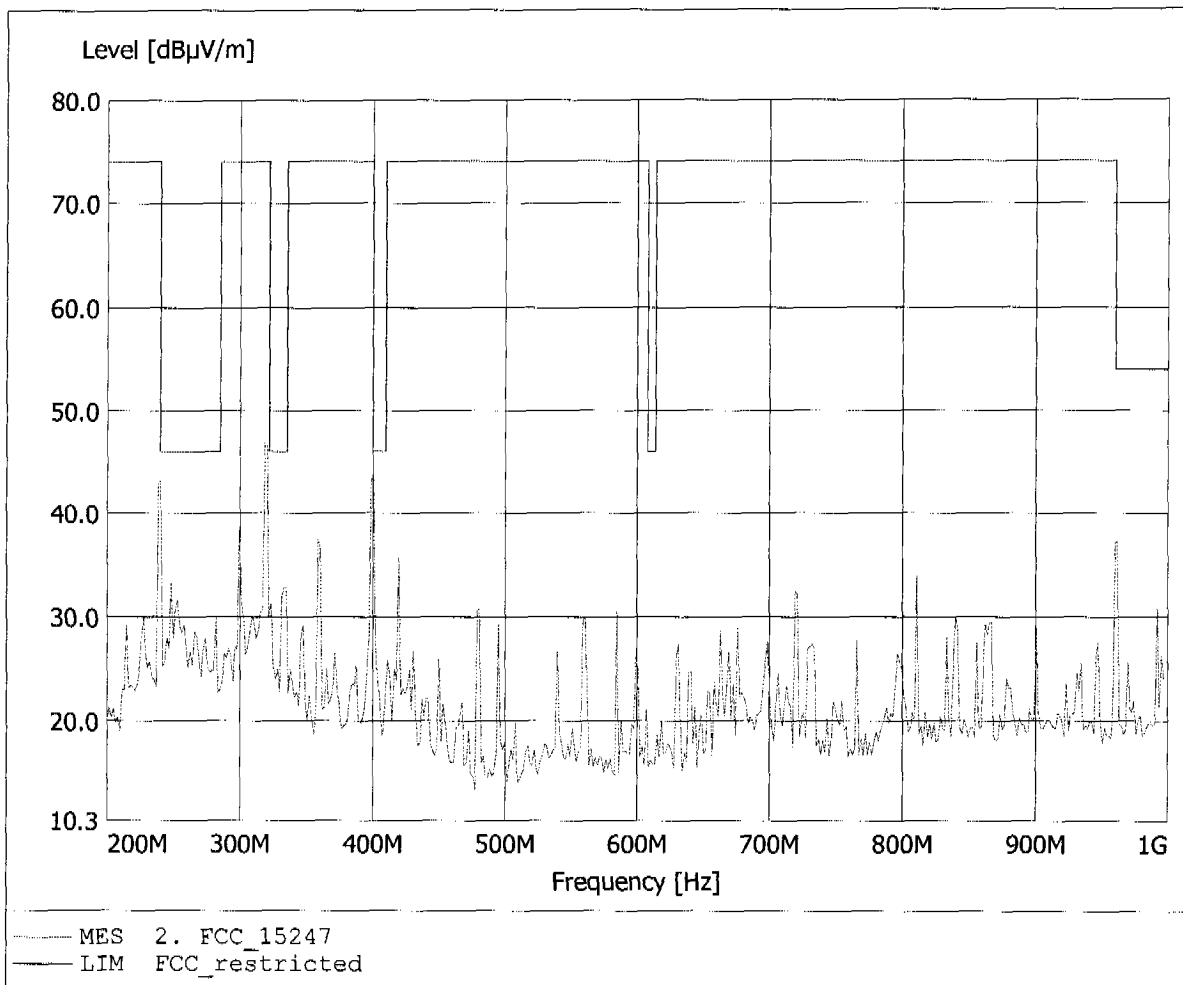
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 160.481MHz, Emax: 32.86dBµV/m, RBW: 100kHz



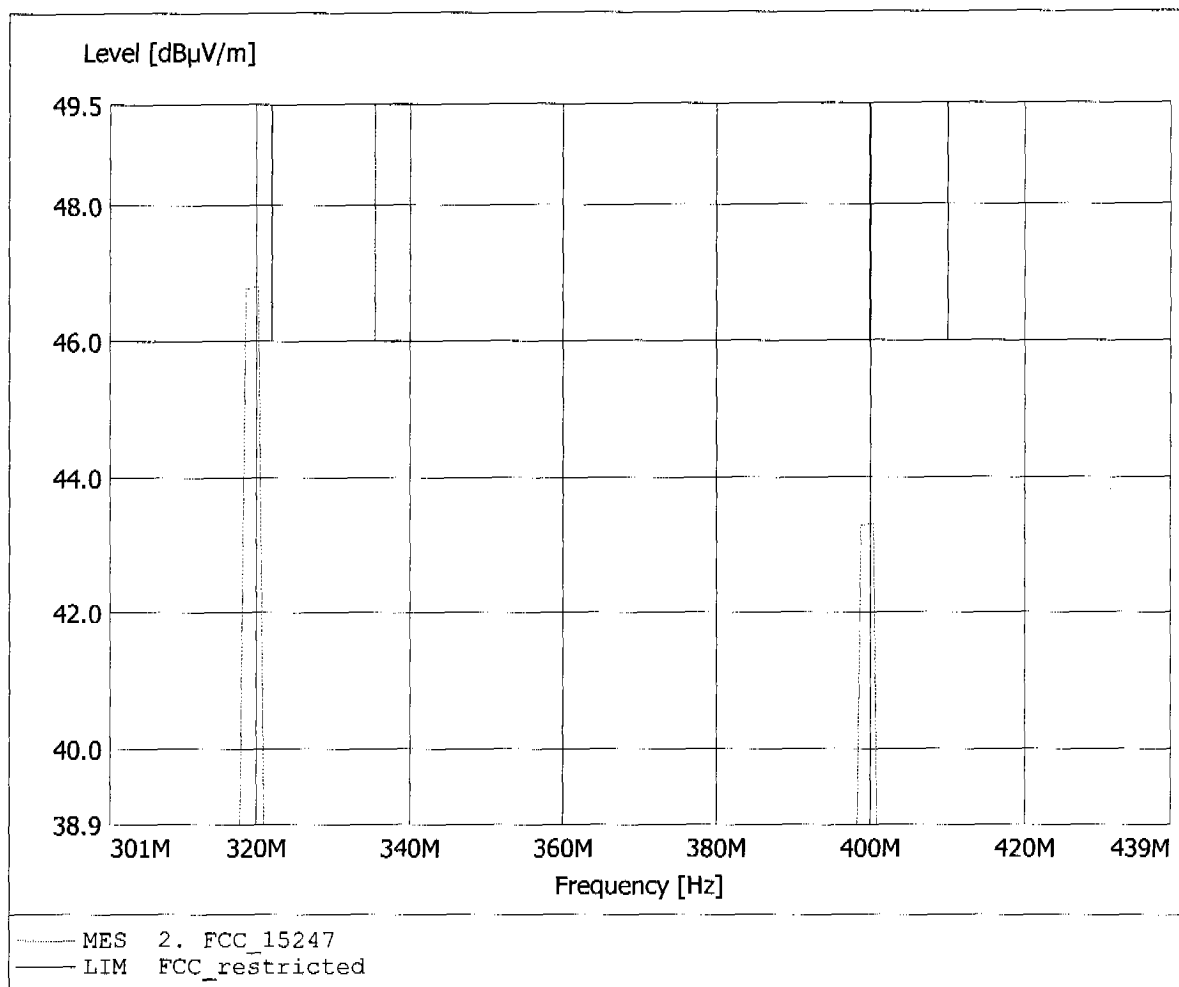
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 320.240MHz, Emax: 46.79dBµV/m, RBW: 100kHz



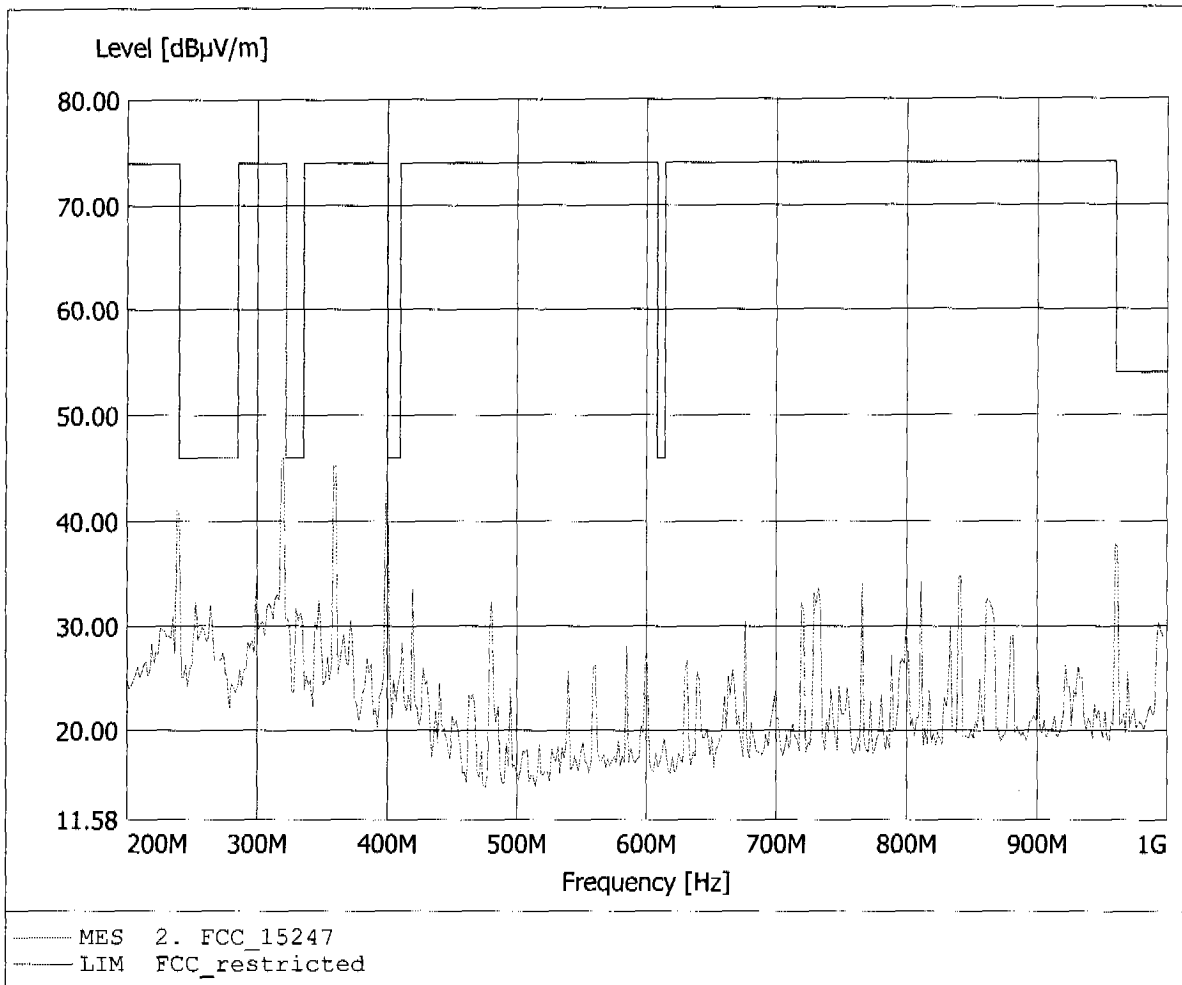
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 320.240MHz, Emax: 46.79dBuV/m, RBW: 100kHz



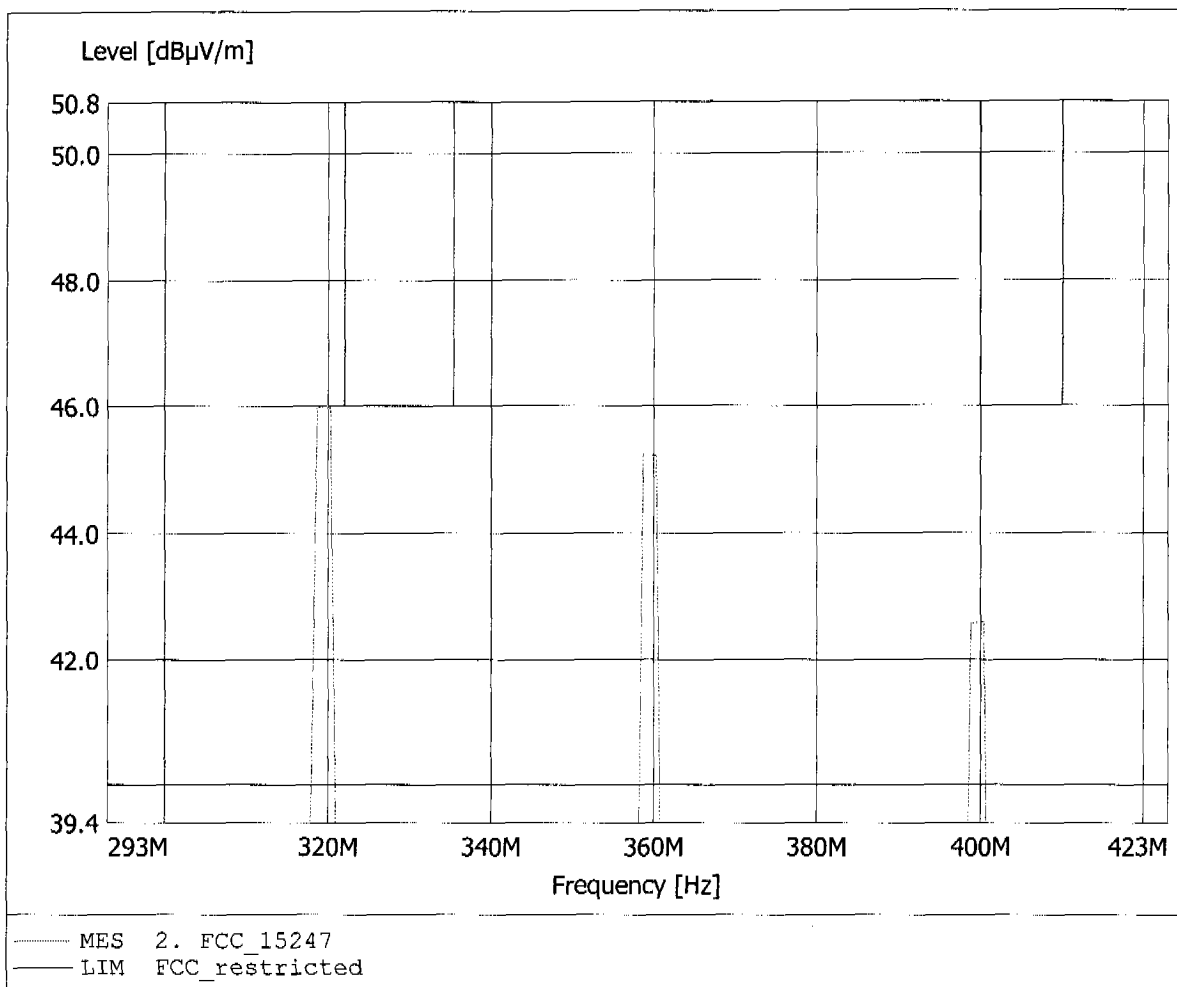
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 320.240MHz, Emax: 46.01dBµV/m, RBW: 100kHz



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

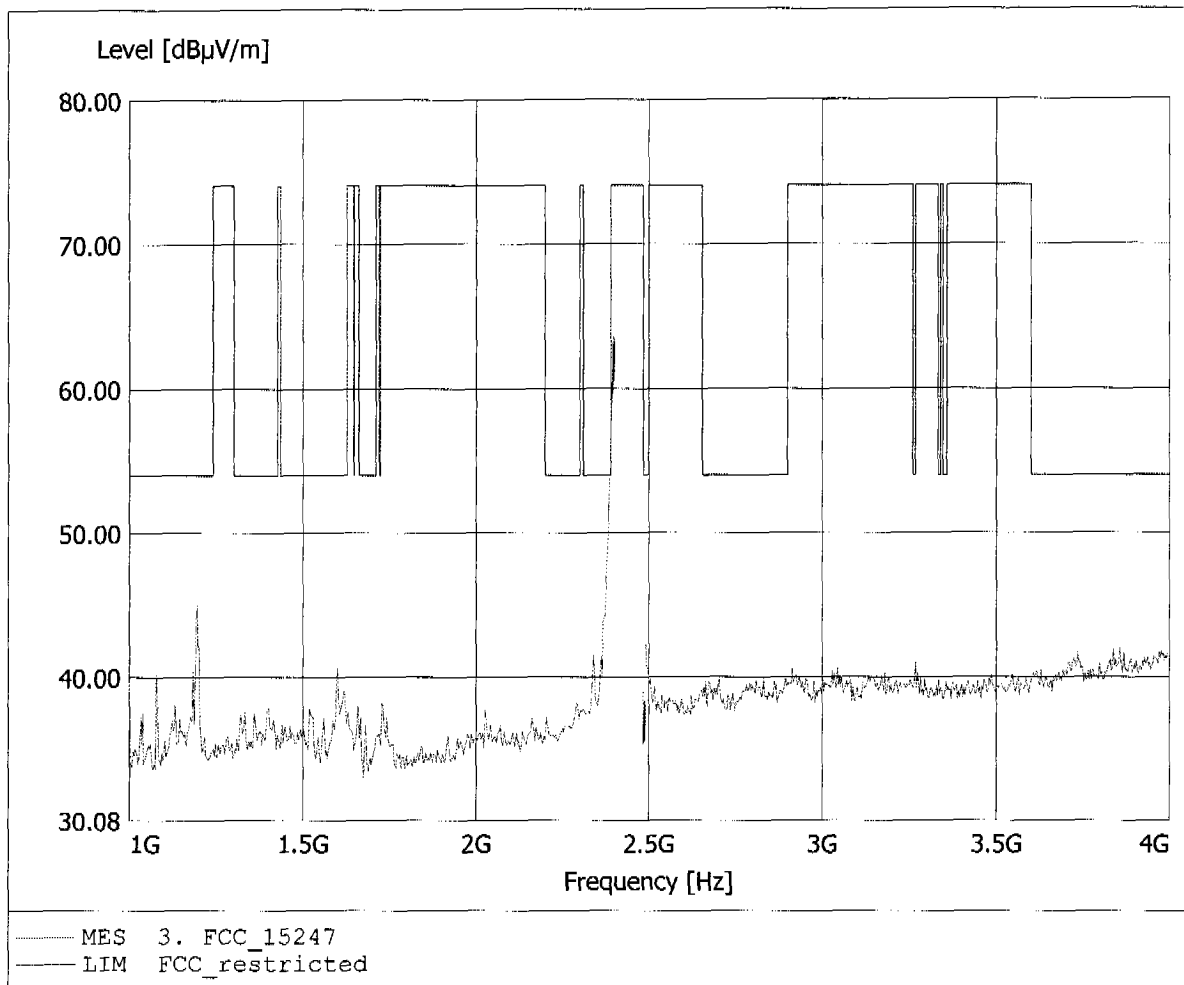
EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 320.240MHz, Emax: 46.01dBµV/m, RBW: 100kHz





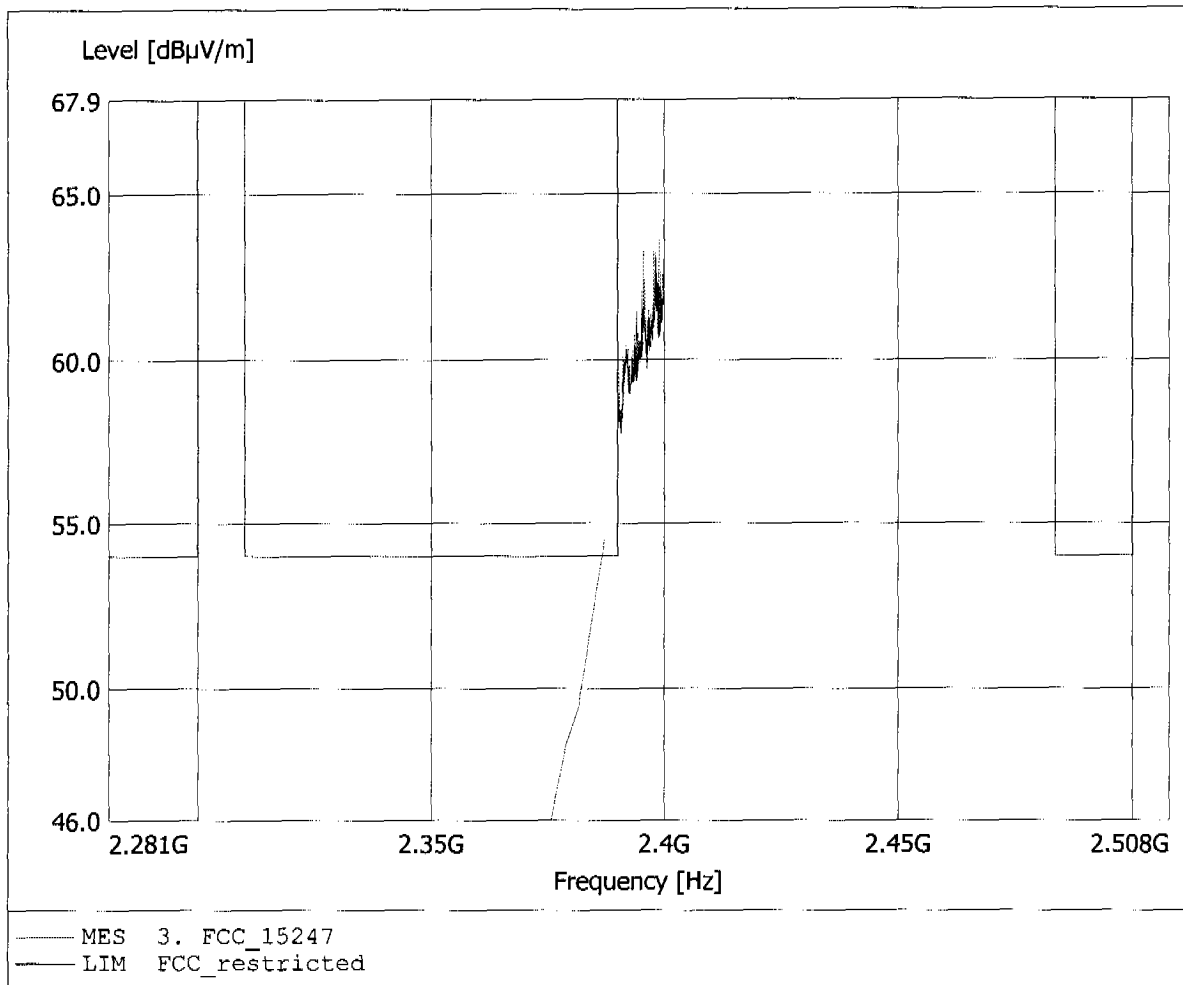
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.399GHz, Emax: 63.61dBµV/m, RBW: 1MHz



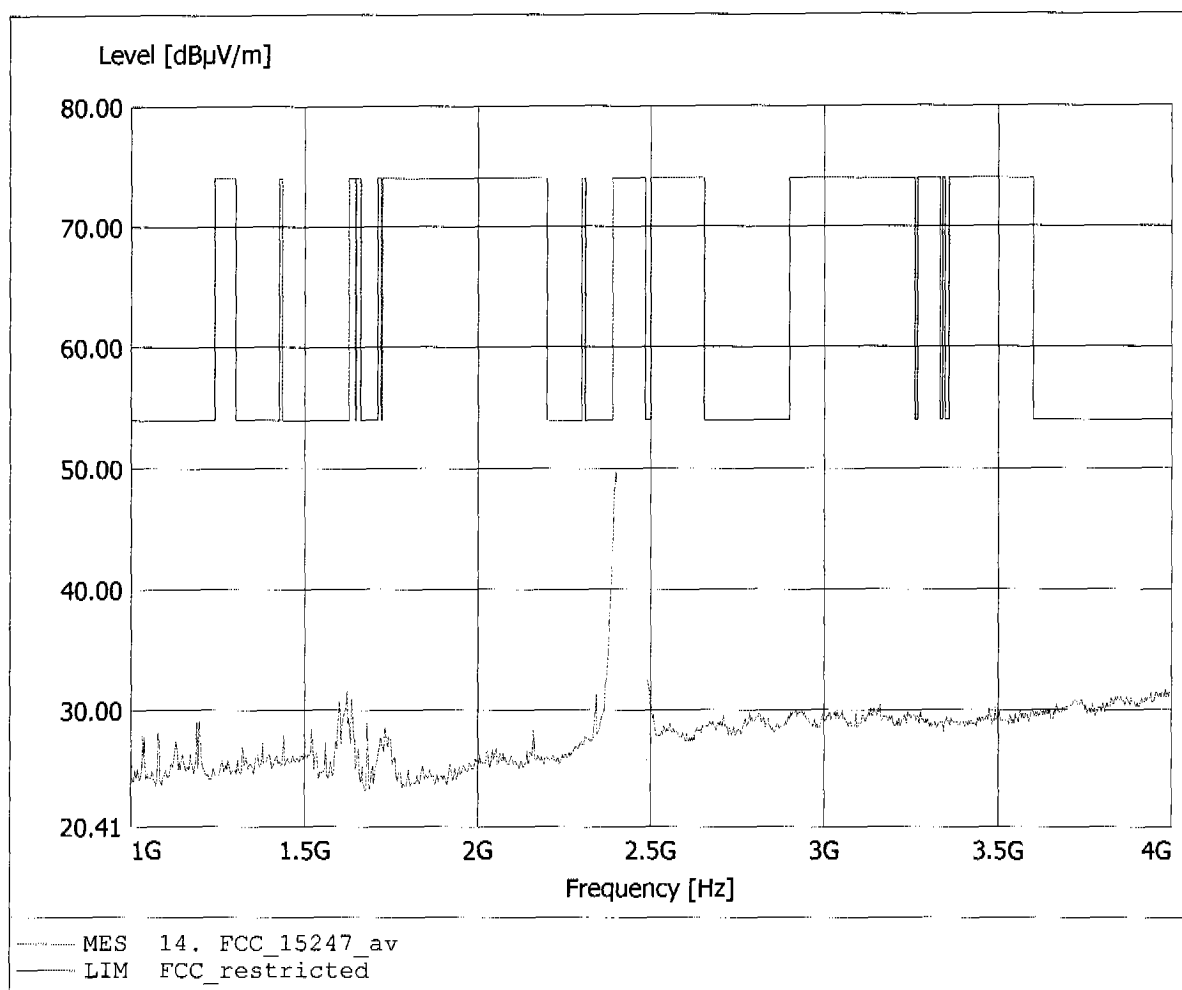
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.399GHz, Emax: 63.61dBµV/m, RBW: 1MHz



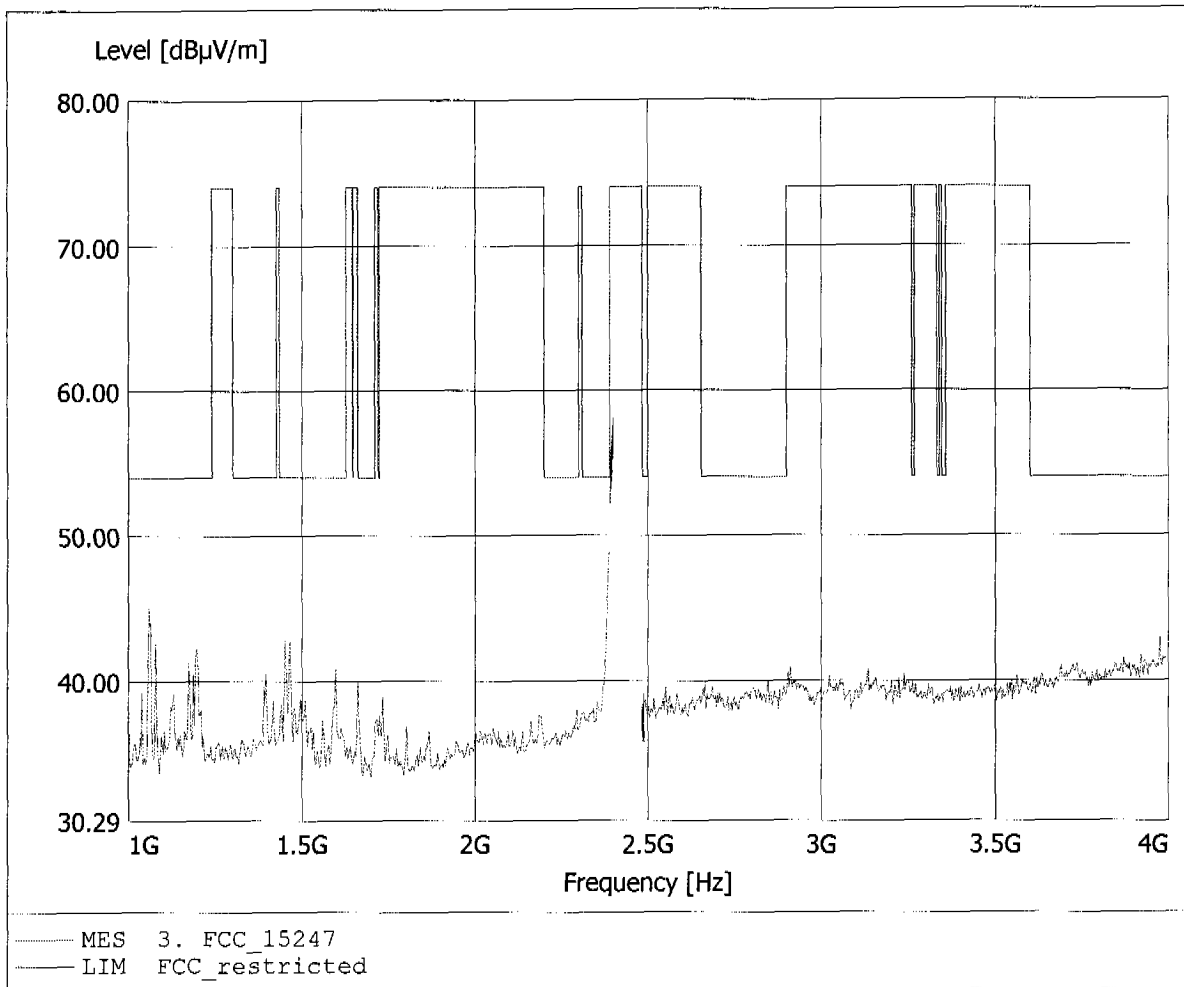
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.399GHz, Emax: 49.72dBµV/m, RBW: 1MHz



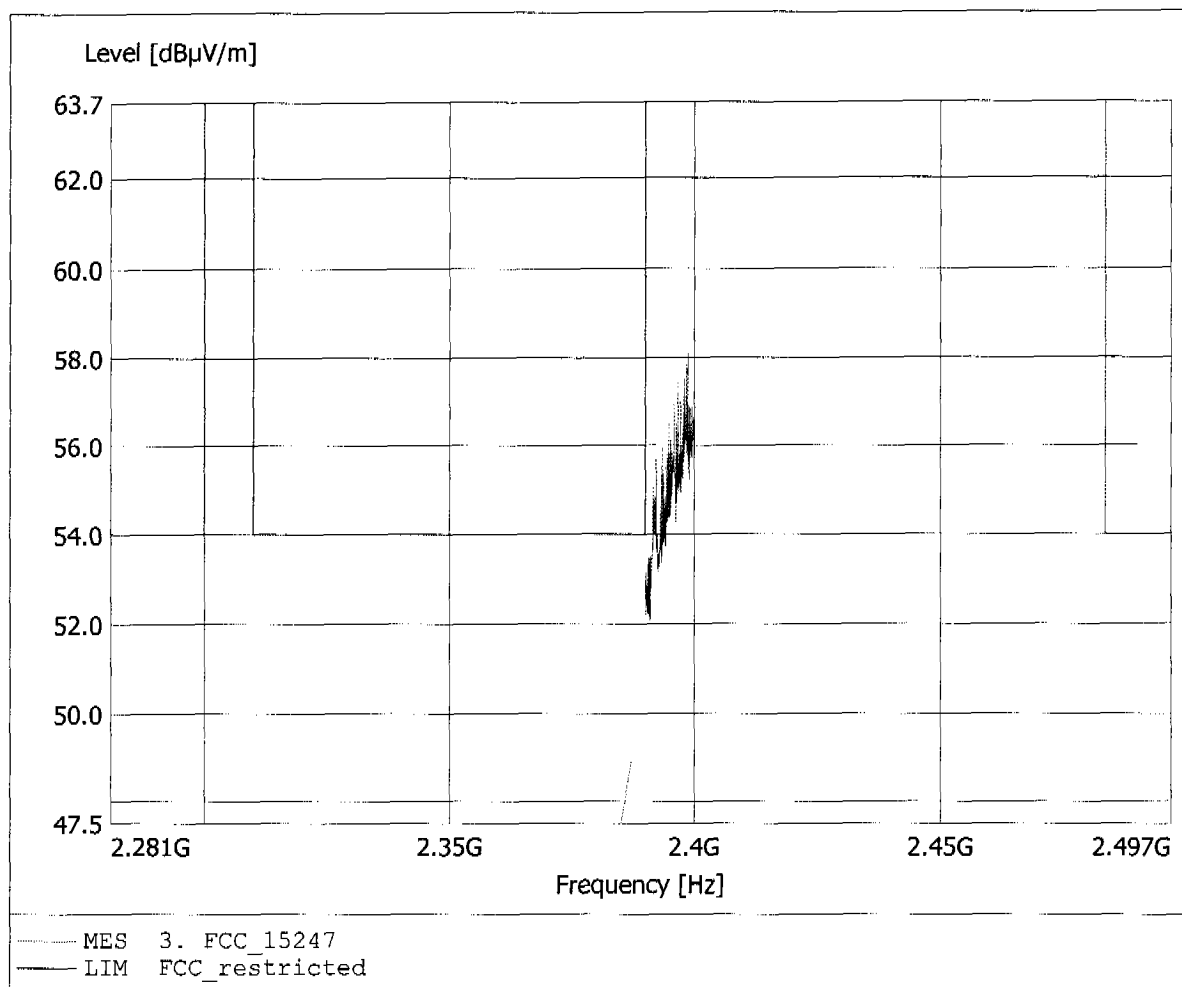
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.399GHz, Emax: 58.10dBµV/m, RBW: 1MHz



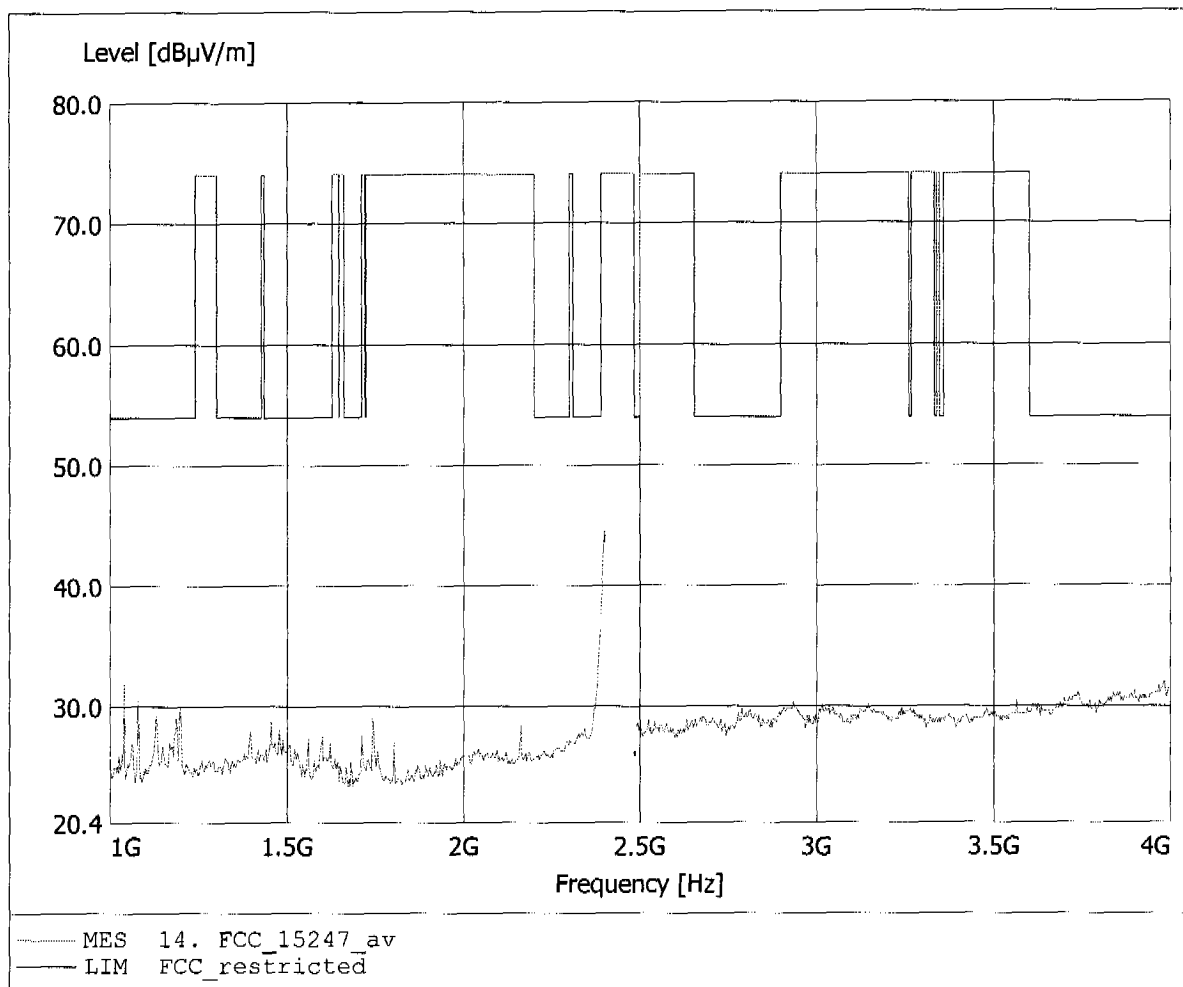
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.399GHz, Emax: 58.10dBµV/m, RBW: 1MHz



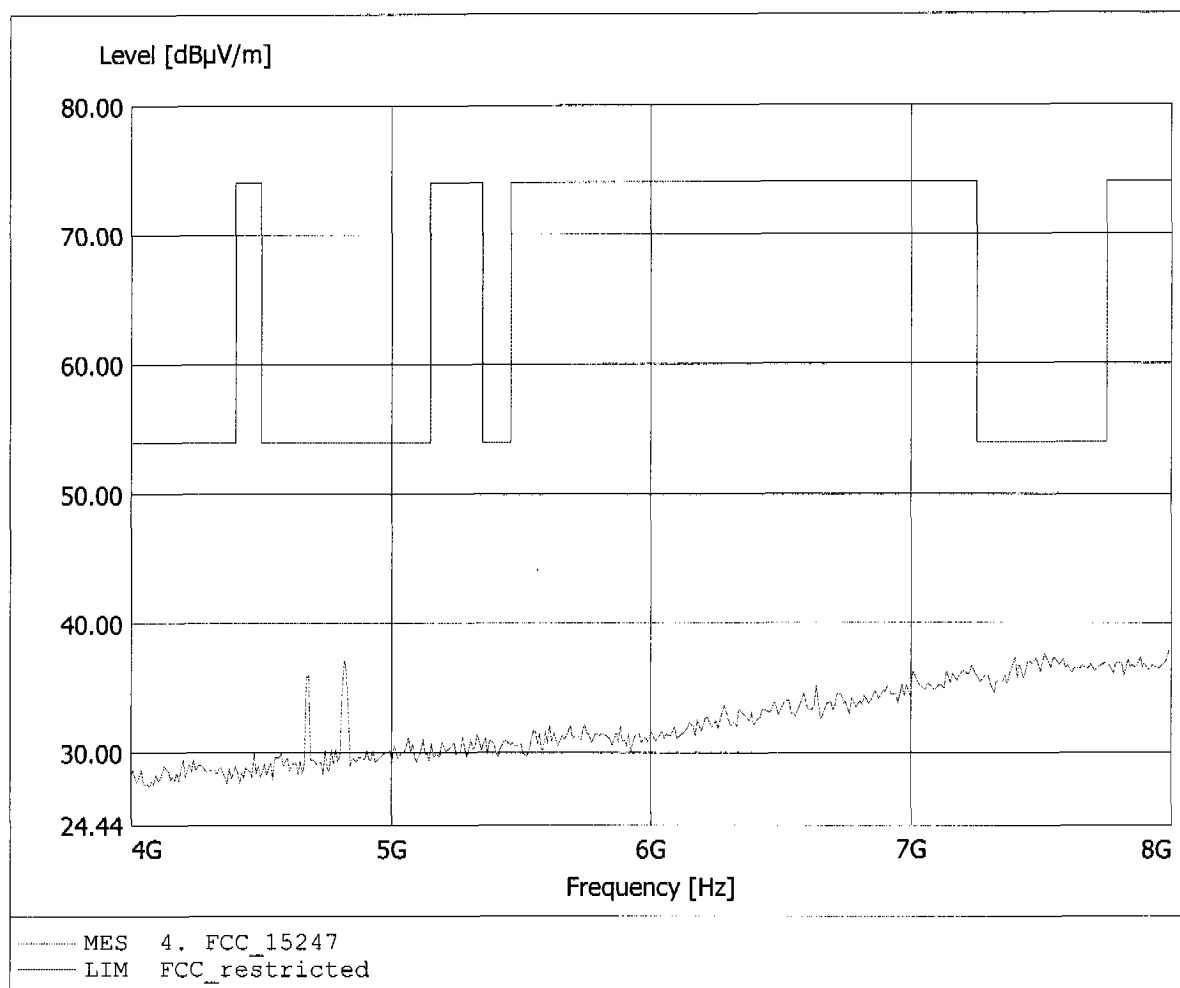
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.399GHz, Emax: 44.56dBµV/m, RBW: 1MHz



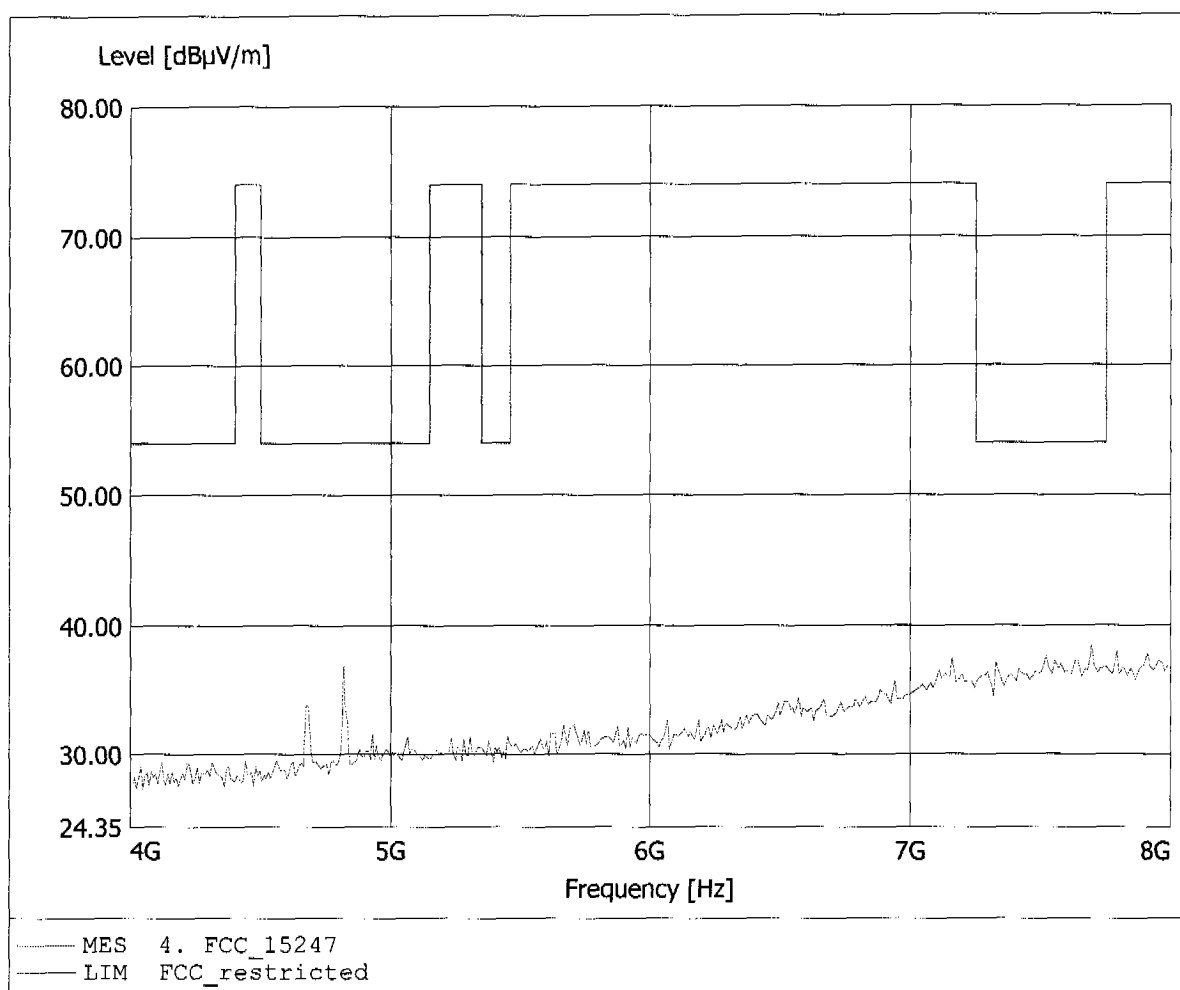
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.992GHz, Emax: 37.93dBµV/m, RBW: 1MHz



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

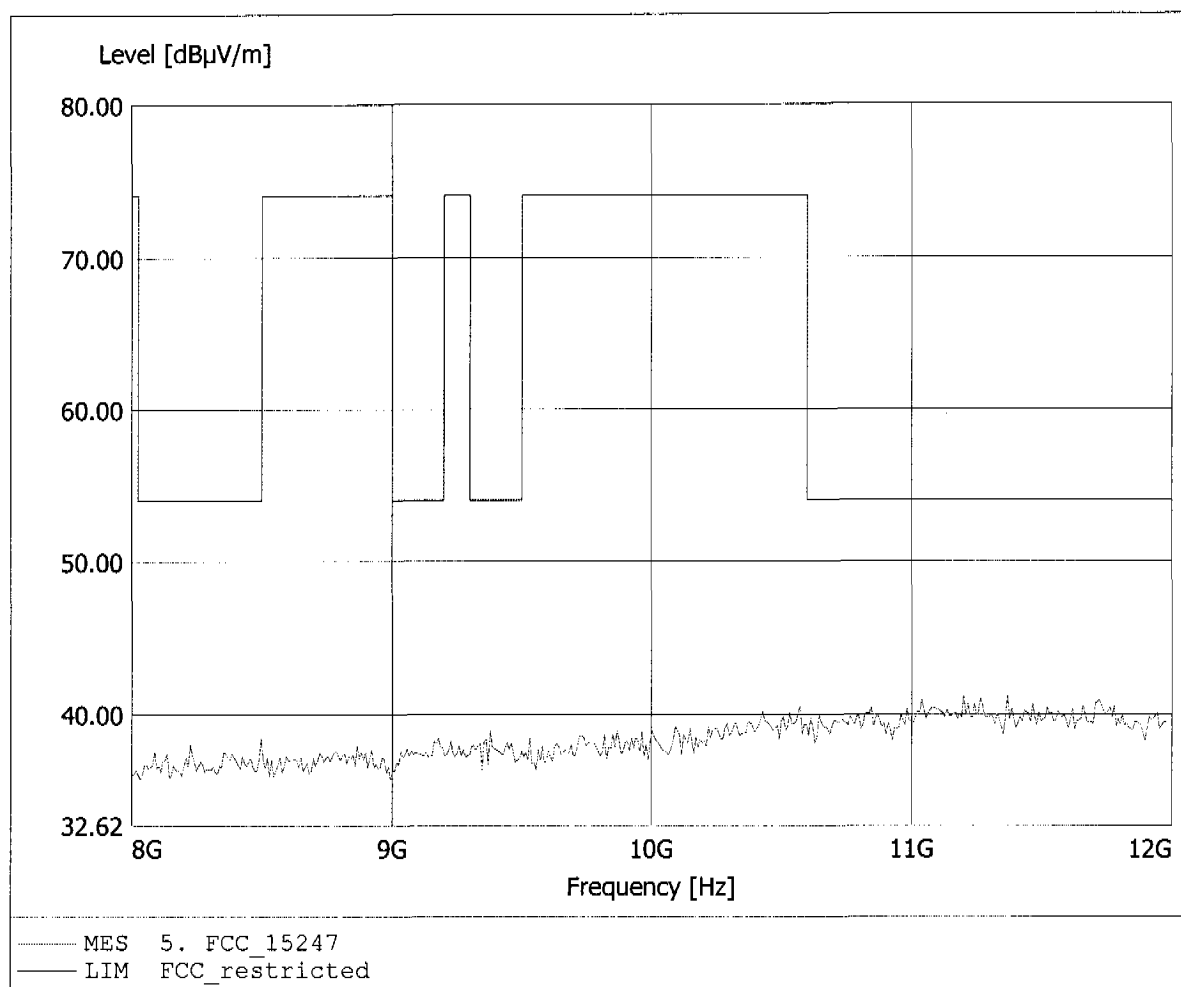
EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.695GHz, Emax: 38.53dBµV/m, RBW: 1MHz





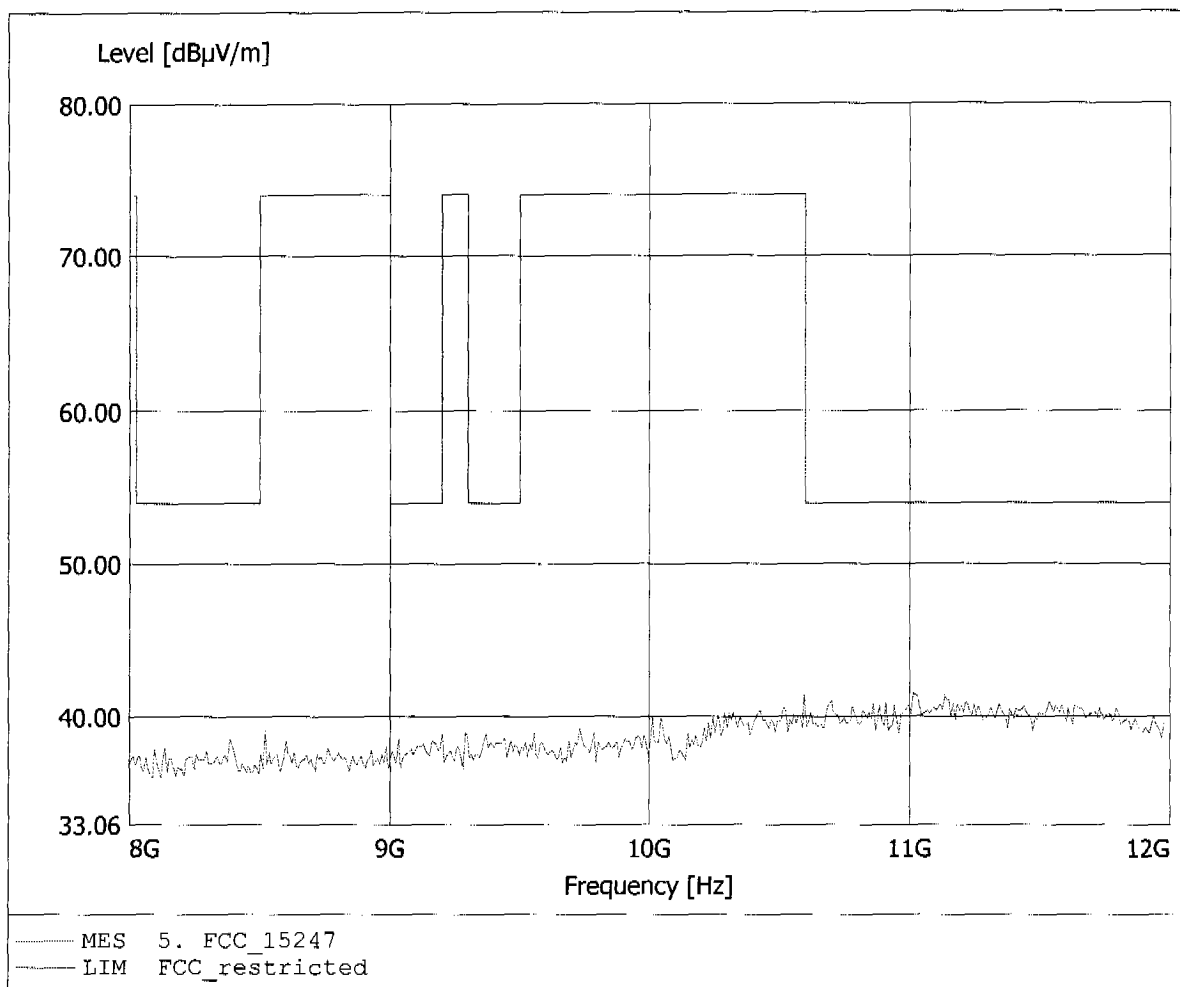
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.198GHz, Emax: 41.23dBµV/m, RBW: 1MHz



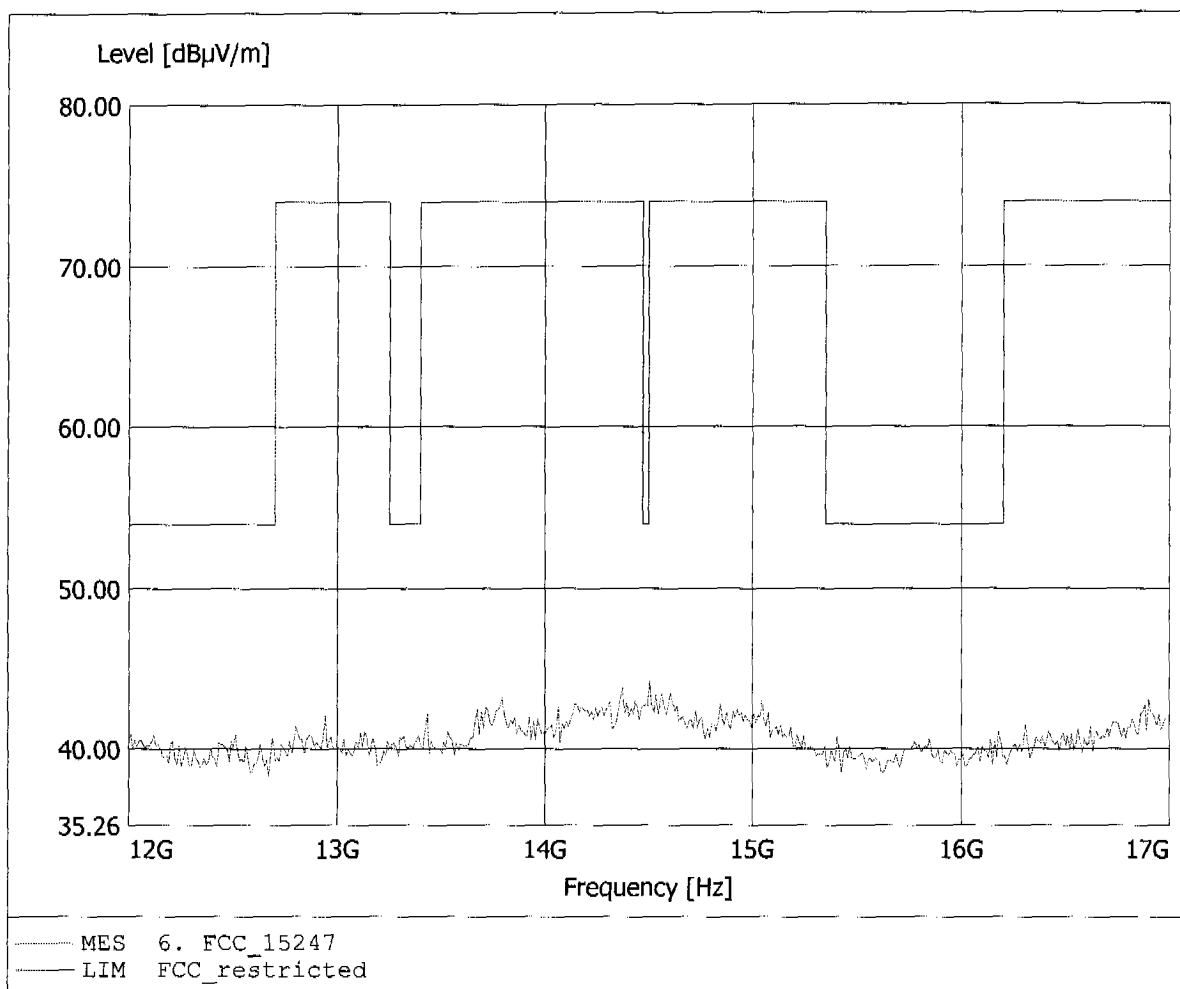
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.014GHz, Emax: 41.53dBµV/m, RBW: 1MHz



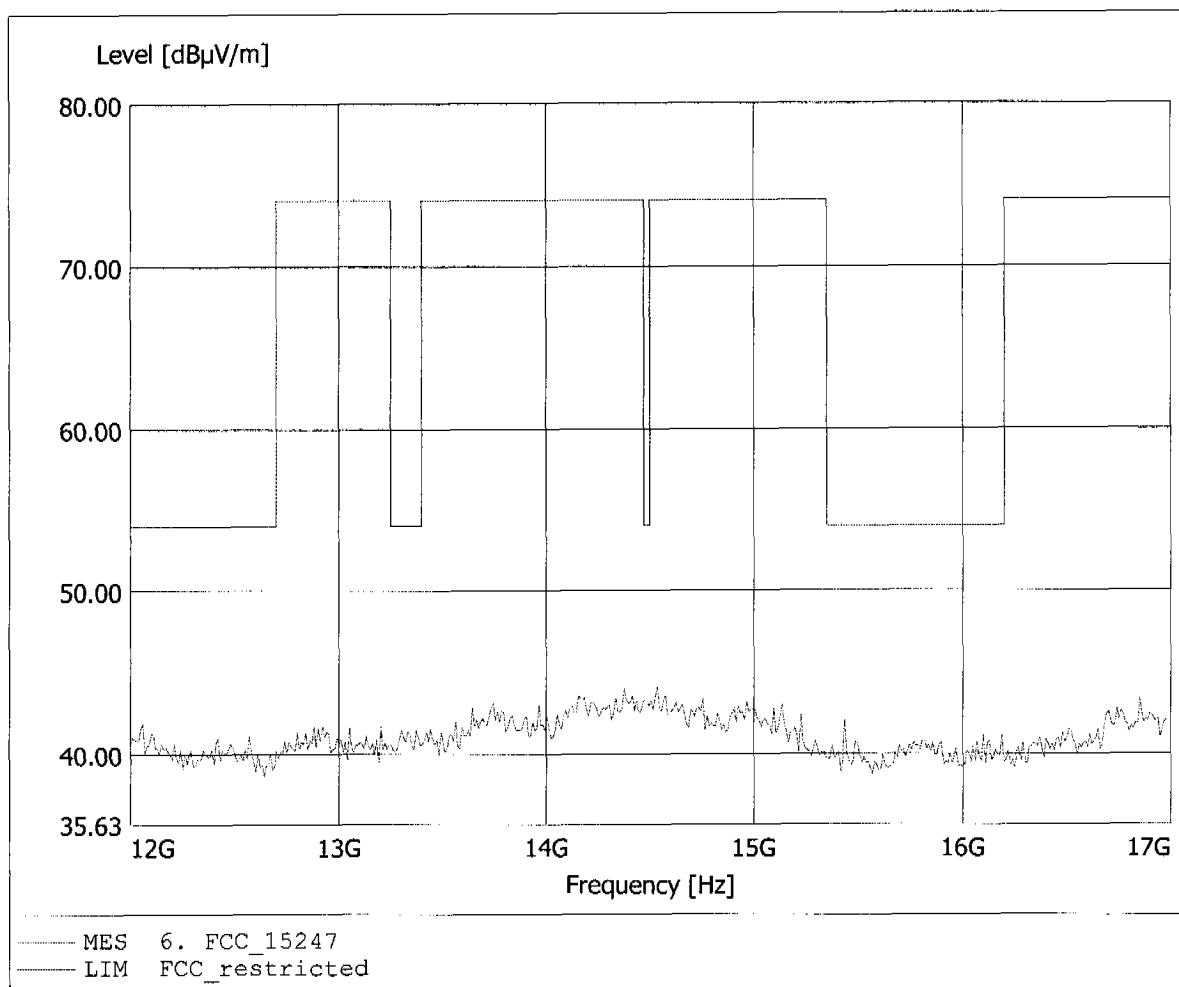
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.505GHz, Emax: 44.25dBµV/m, RBW: 1MHz



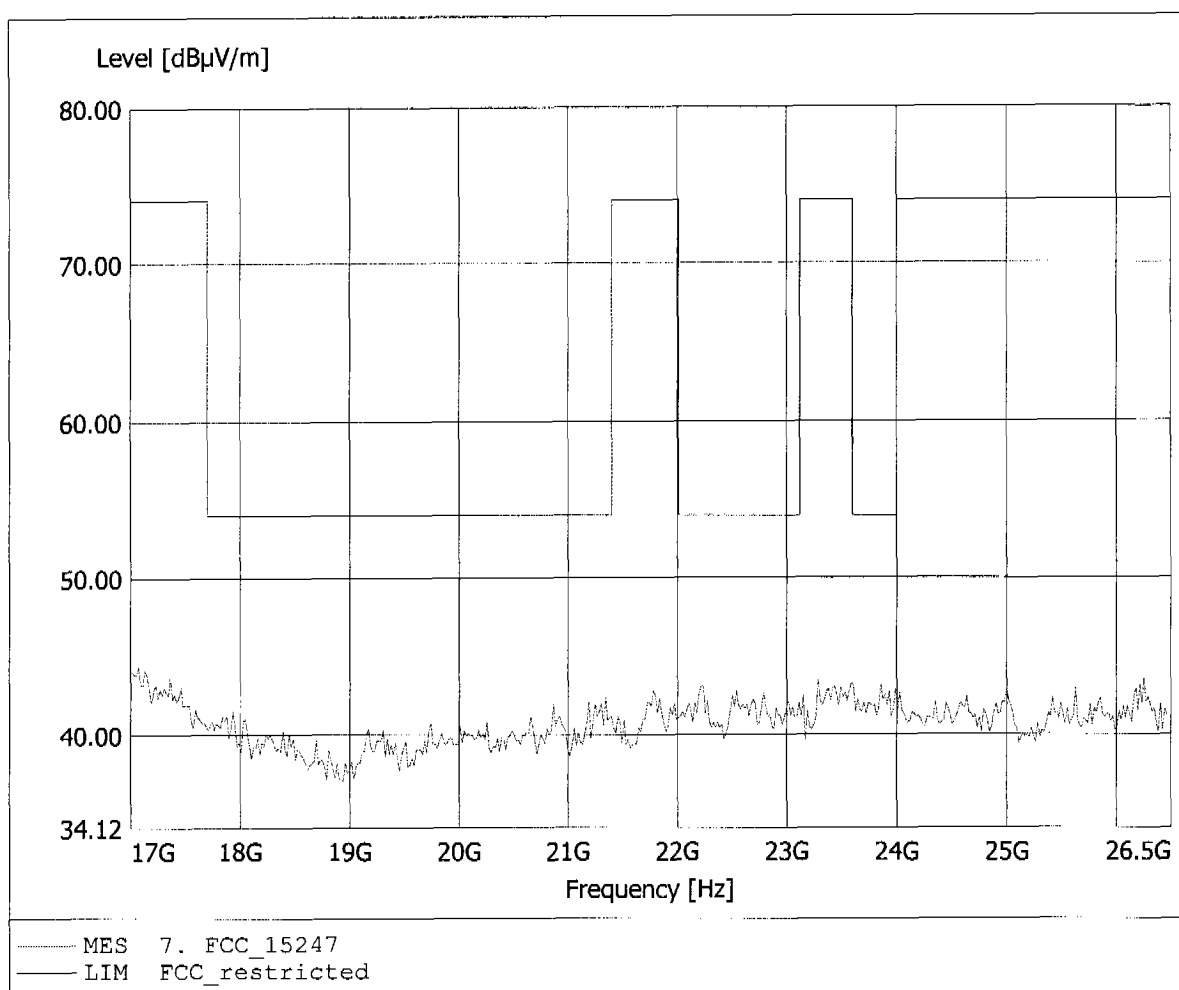
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.535GHz, Emax: 44.11dBµV/m, RBW: 1MHz



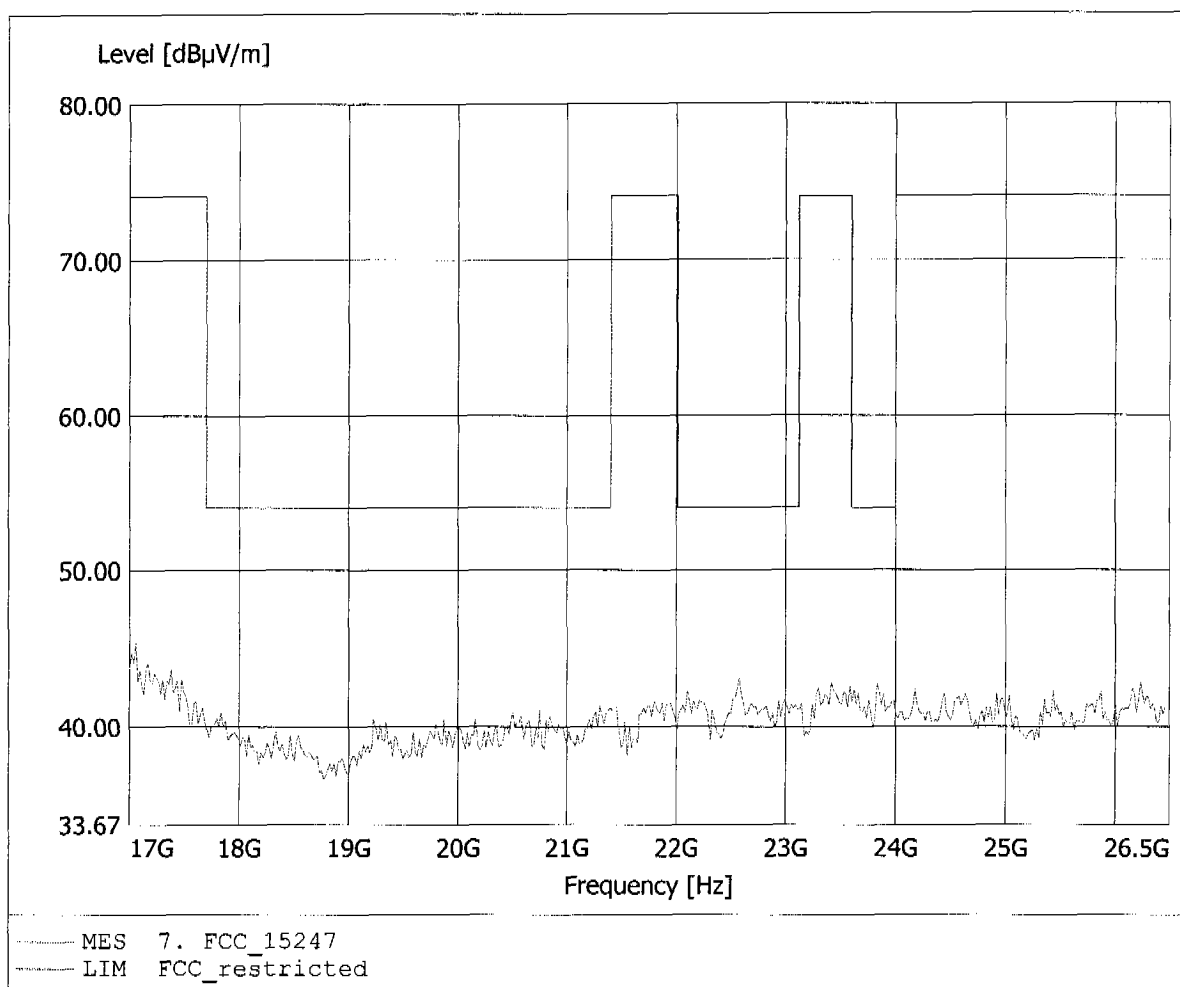
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.076GHz, Emax: 44.41dBµV/m, RBW: 1MHz



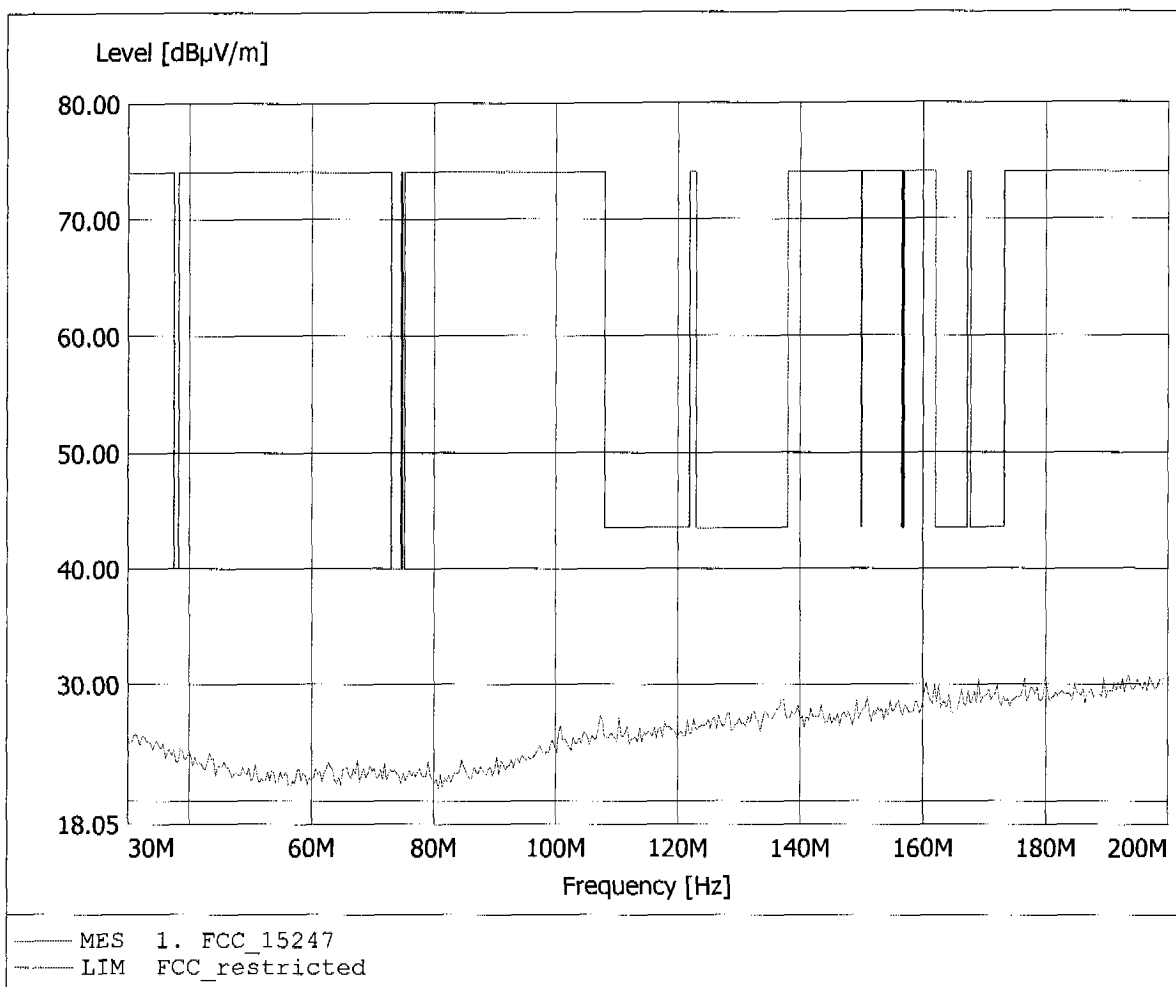
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:1  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.057GHz, Emax: 45.42dBµV/m, RBW: 1MHz



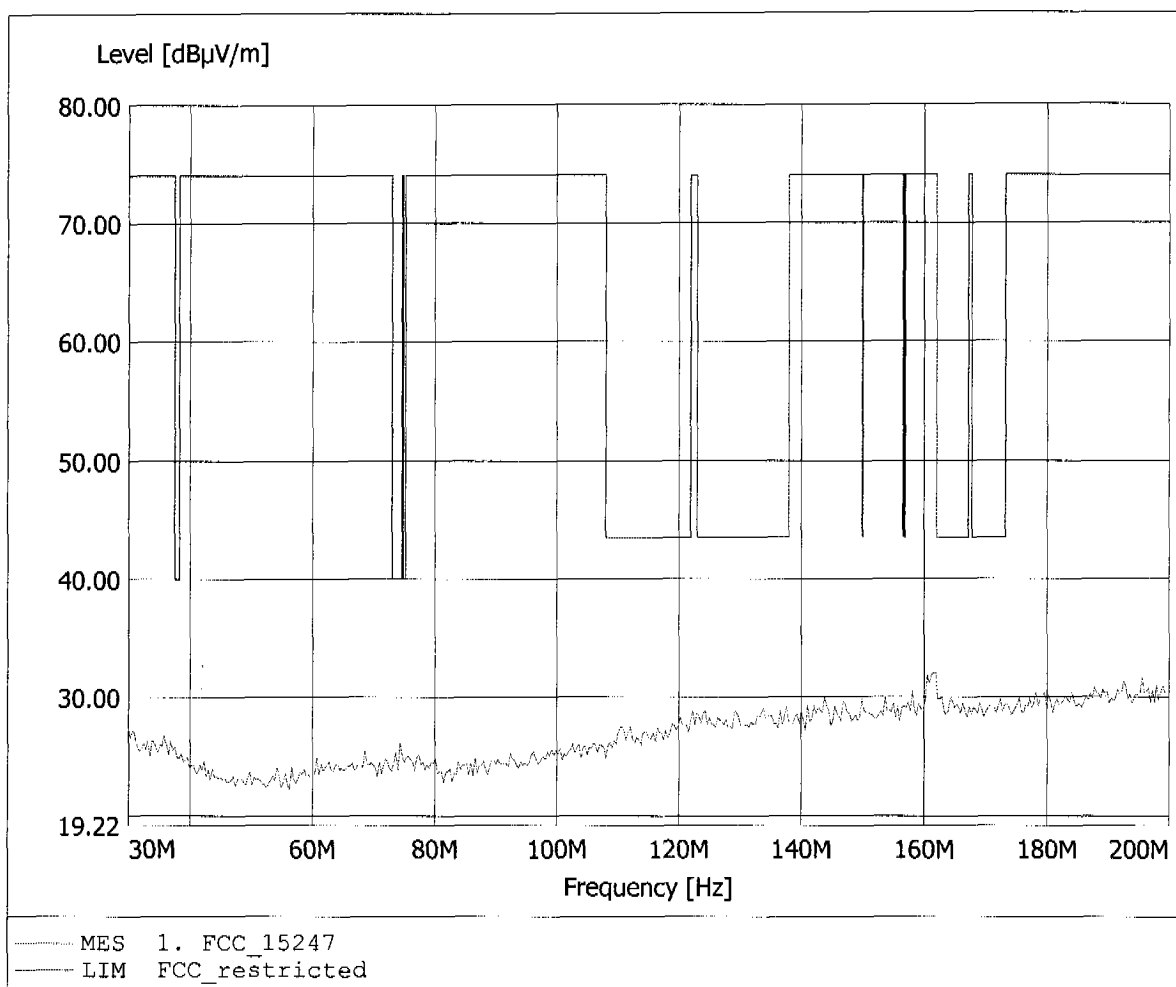
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 179.900MHz, Emax: 30.75dBµV/m, RBW: 100kHz



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

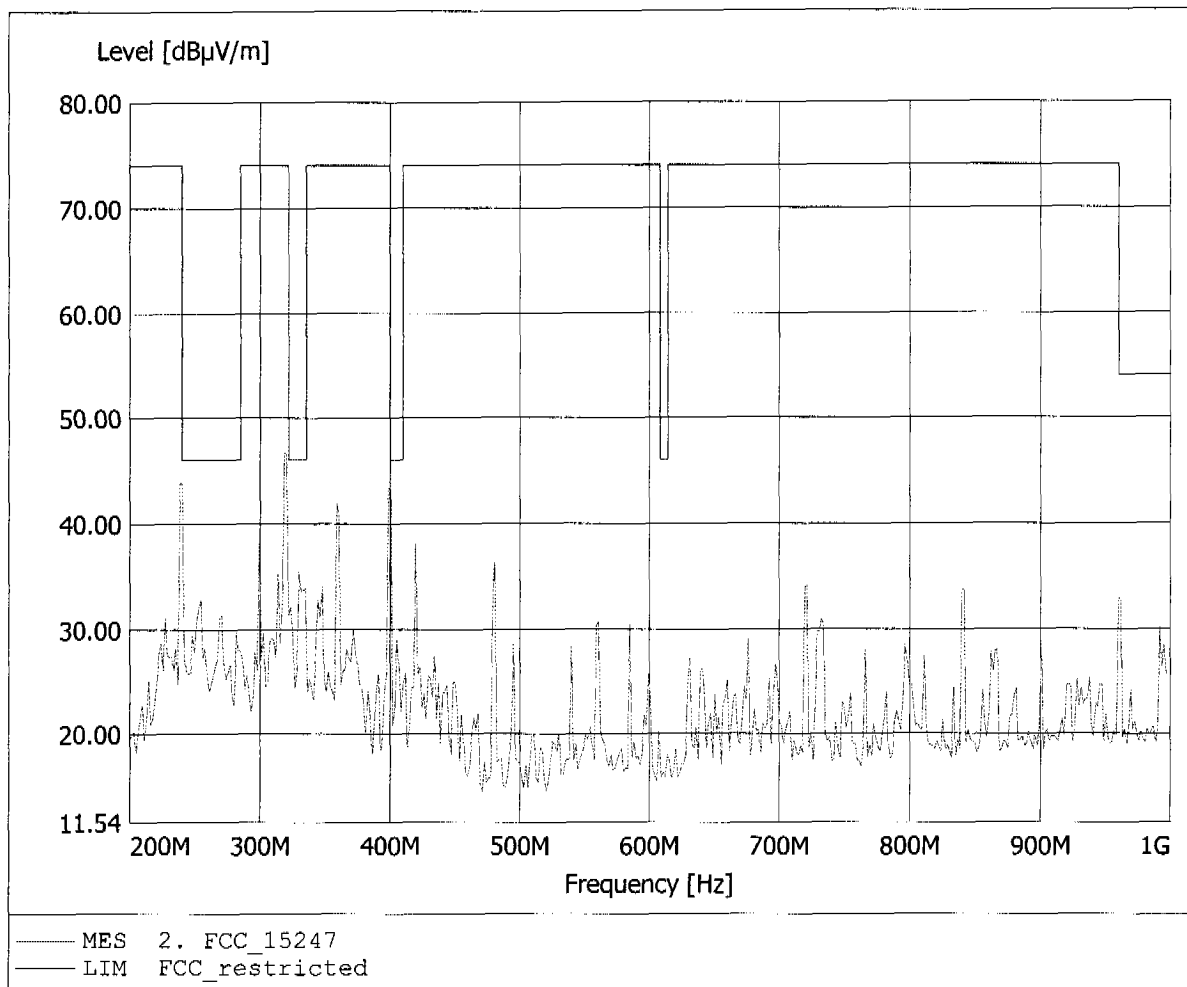
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Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 161.844MHz, Emax: 32.05dBµV/m, RBW: 100kHz





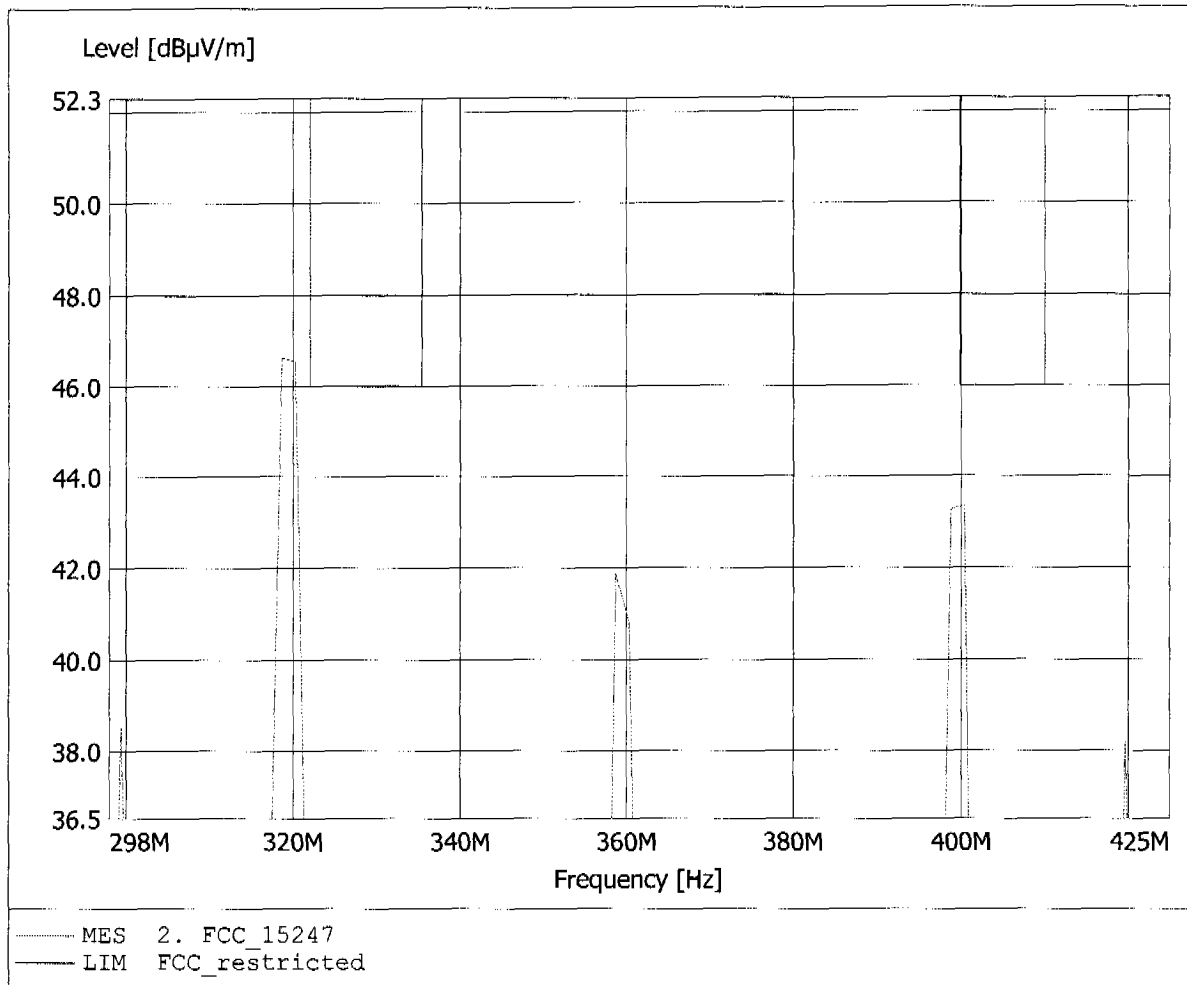
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 318.637MHz, Emax: 46.64dBuV/m, RBW: 100kHz



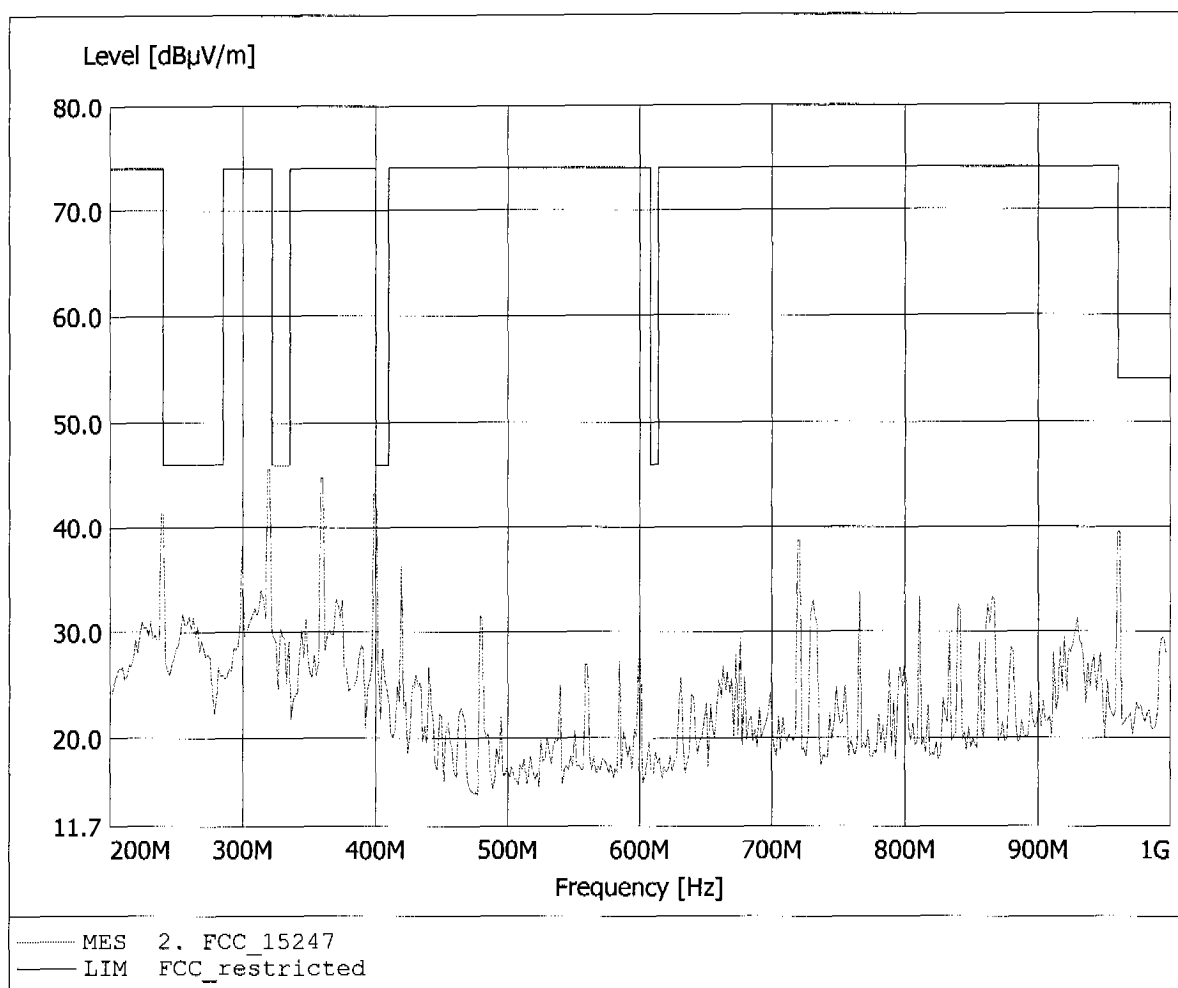
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 318.637MHz, Emax: 46.64dBµV/m, RBW: 100kHz



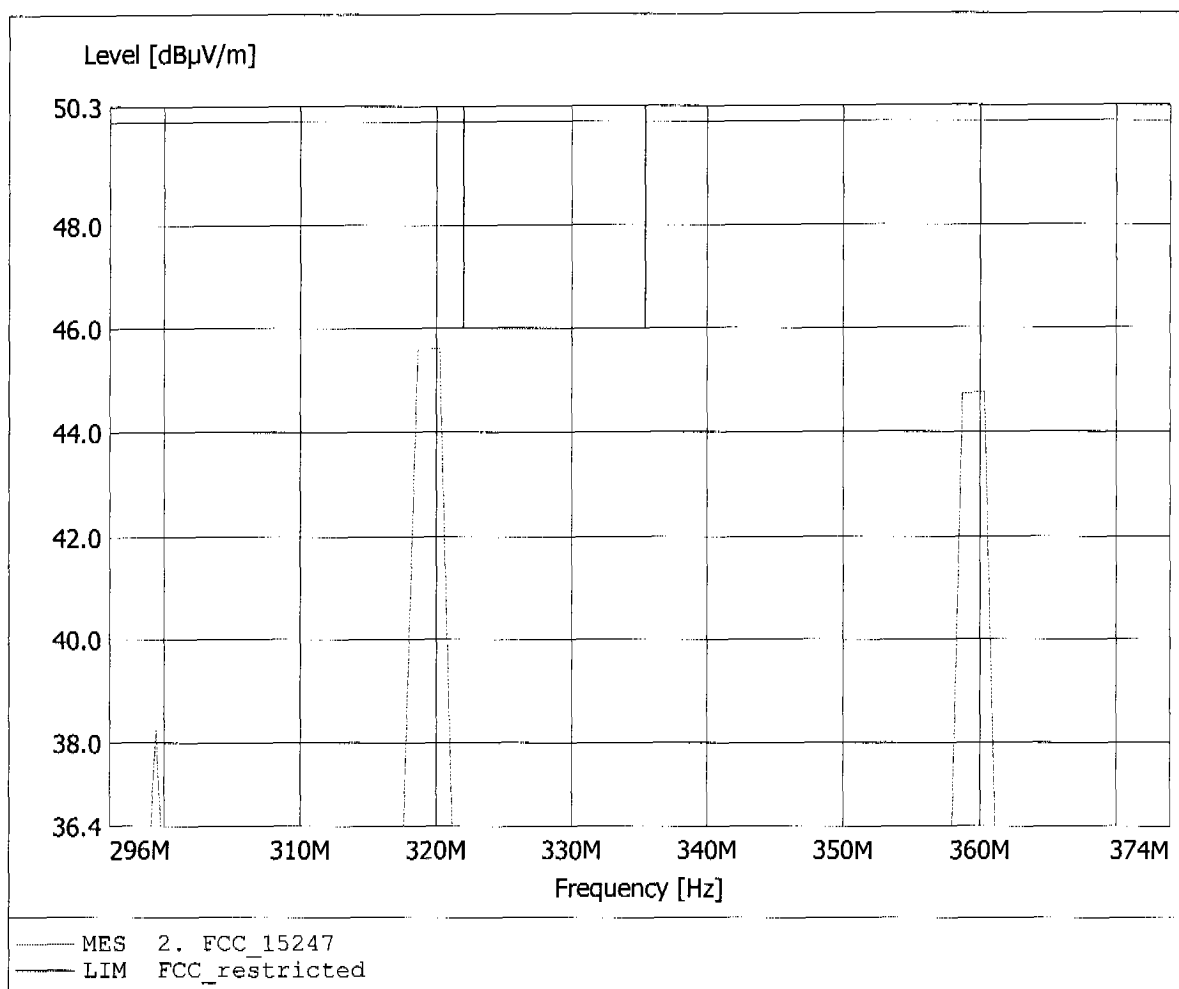
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 320.240MHz, Emax: 45.60dBµV/m, RBW: 100kHz



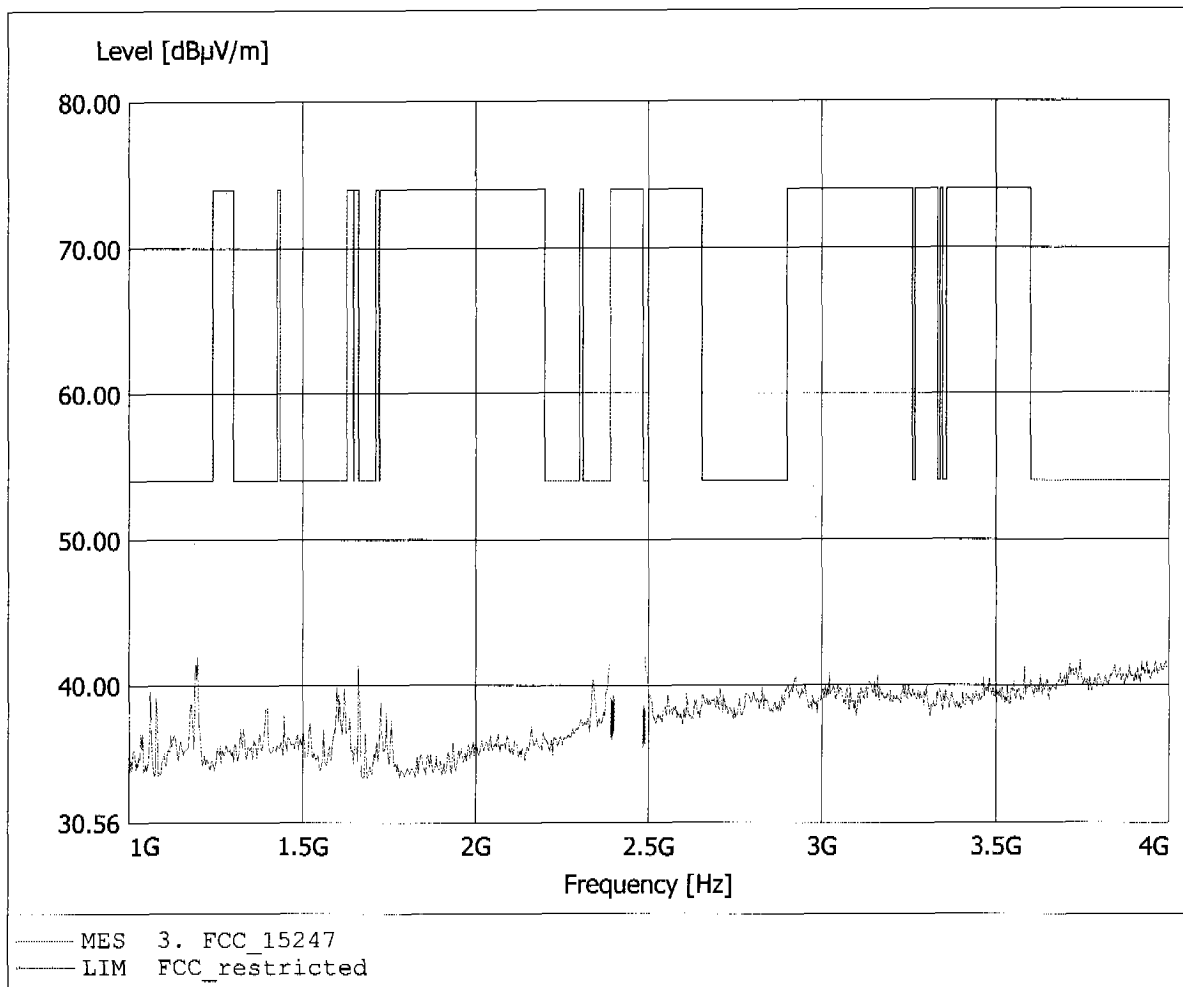
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 320.240MHz, Emax: 45.60dBµV/m, RBW: 100kHz



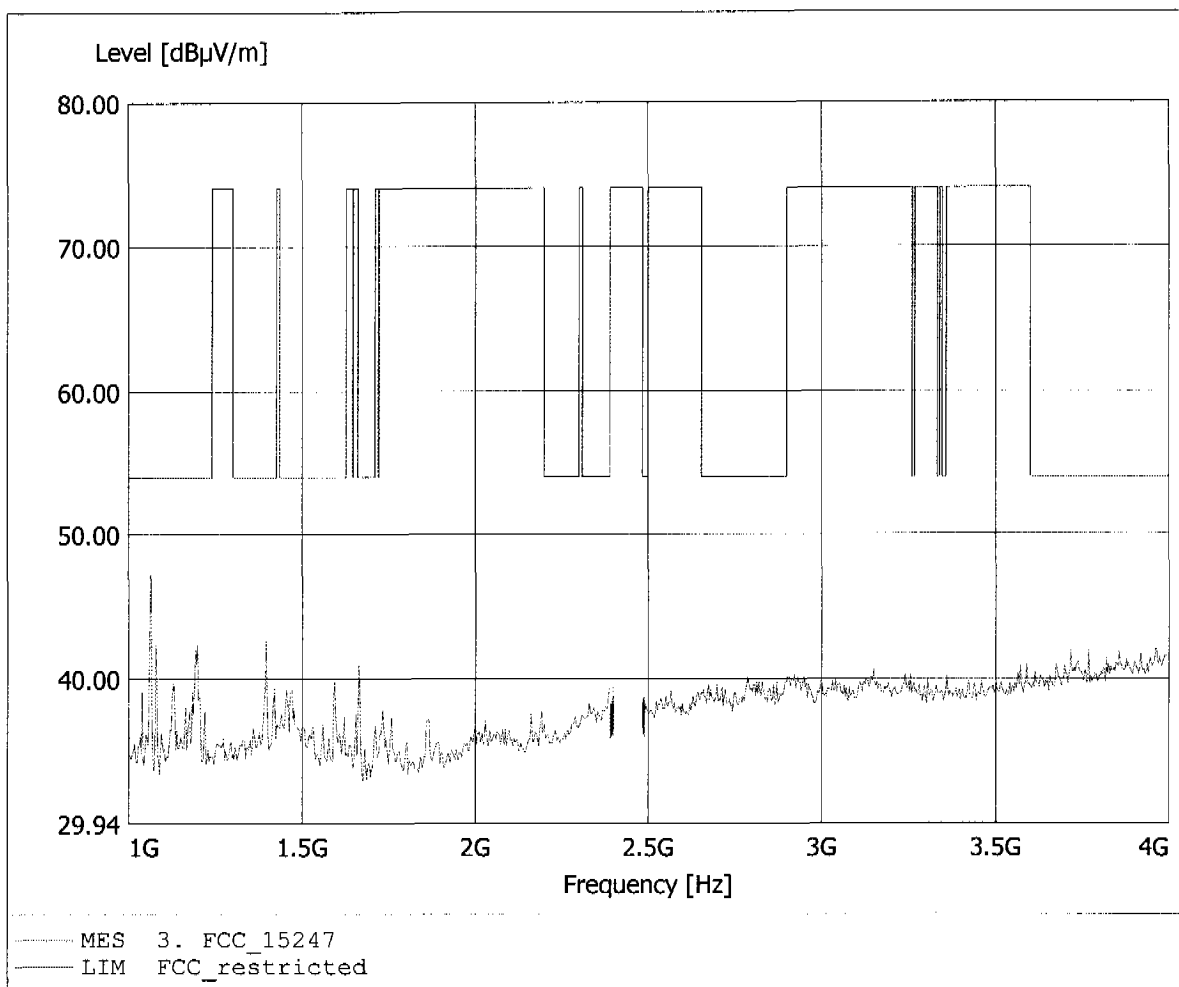
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.198GHz, Emax: 42.00dBuV/m, RBW: 1MHz



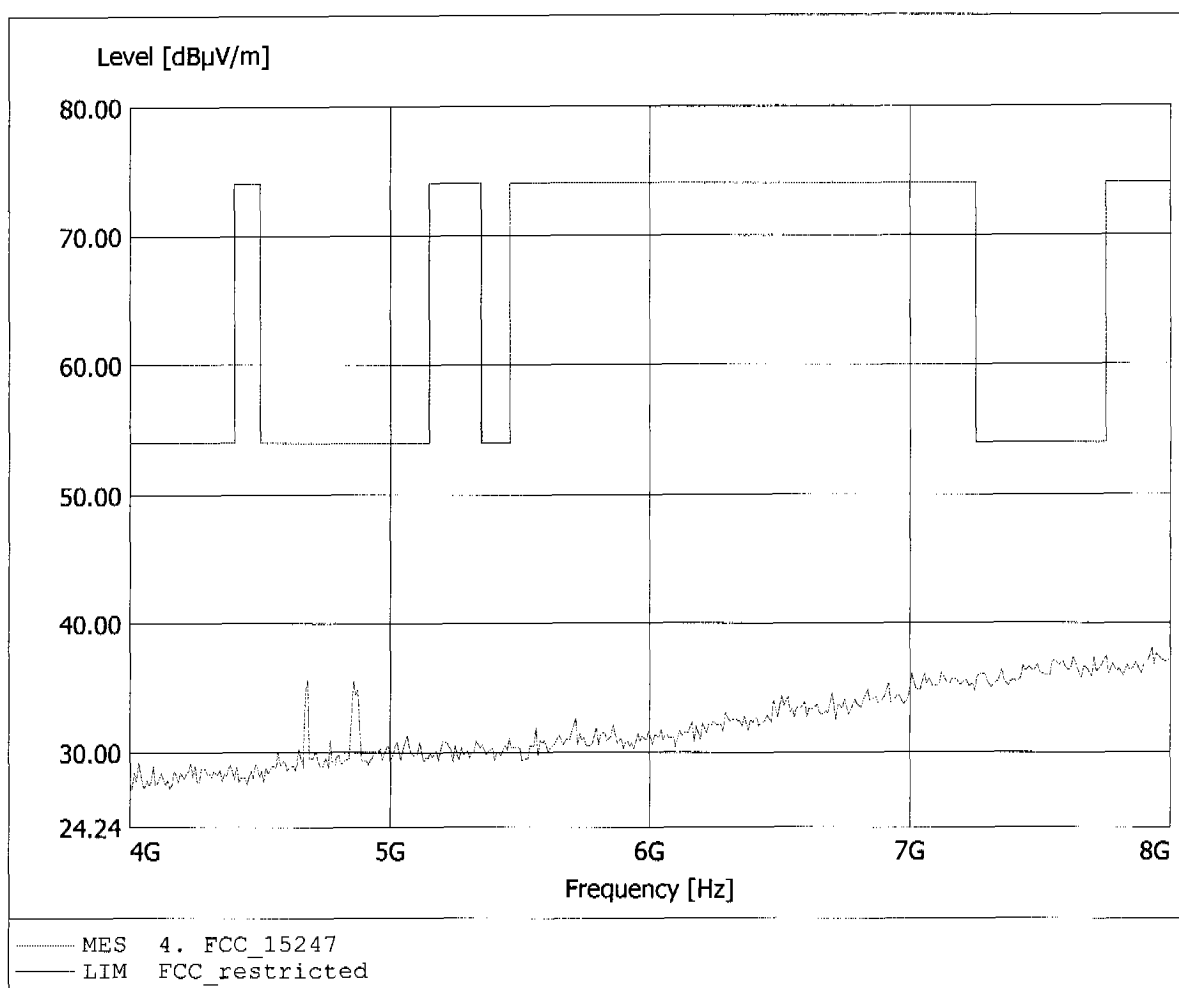
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 1.064GHz, Emax: 47.24dBµV/m, RBW: 1MHz



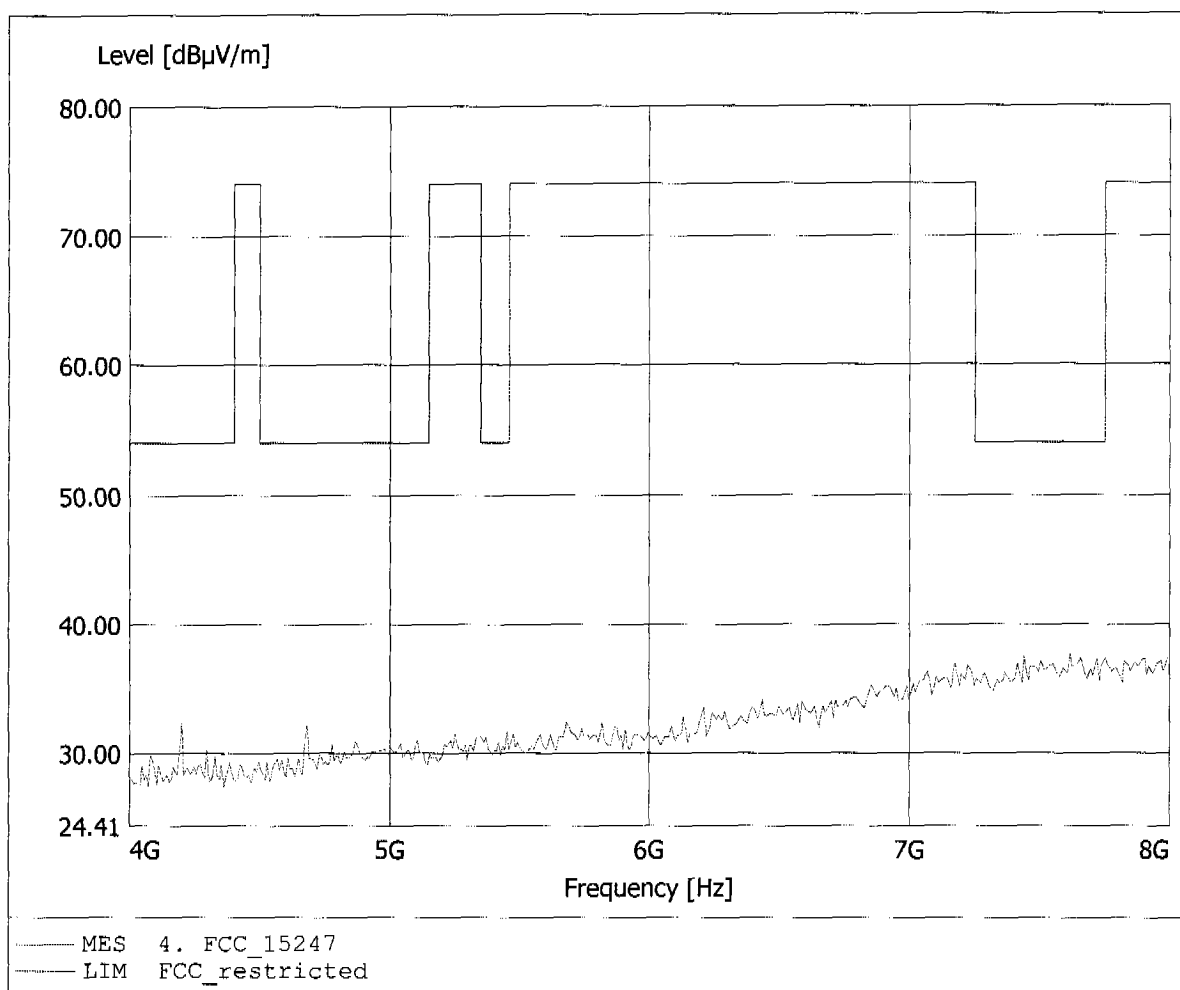
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
 Model: SA5250/1 mPCI  
 Approval Holder: Philips Semiconductors Dresden AG  
 Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
 Test Site / Operator: ETS / Mr. Hoppe  
 Test Specification: according to §15.247, peak detector  
 Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
 Comment 2: Freq: 7.928GHz, Emax: 38.02dBµV/m, RBW: 1MHz



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

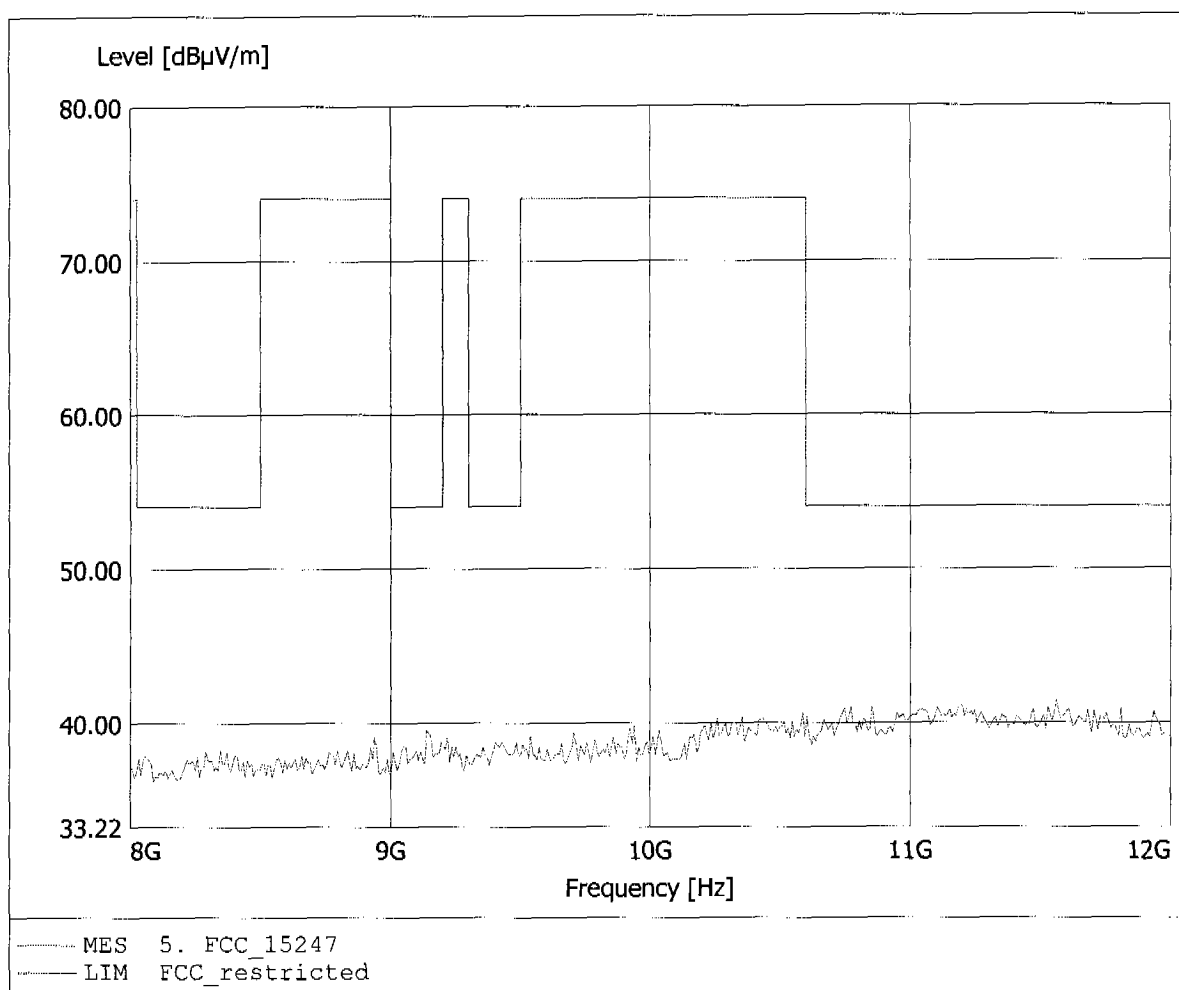
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Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.615GHz, Emax: 37.70dBμV/m, RBW: 1MHz





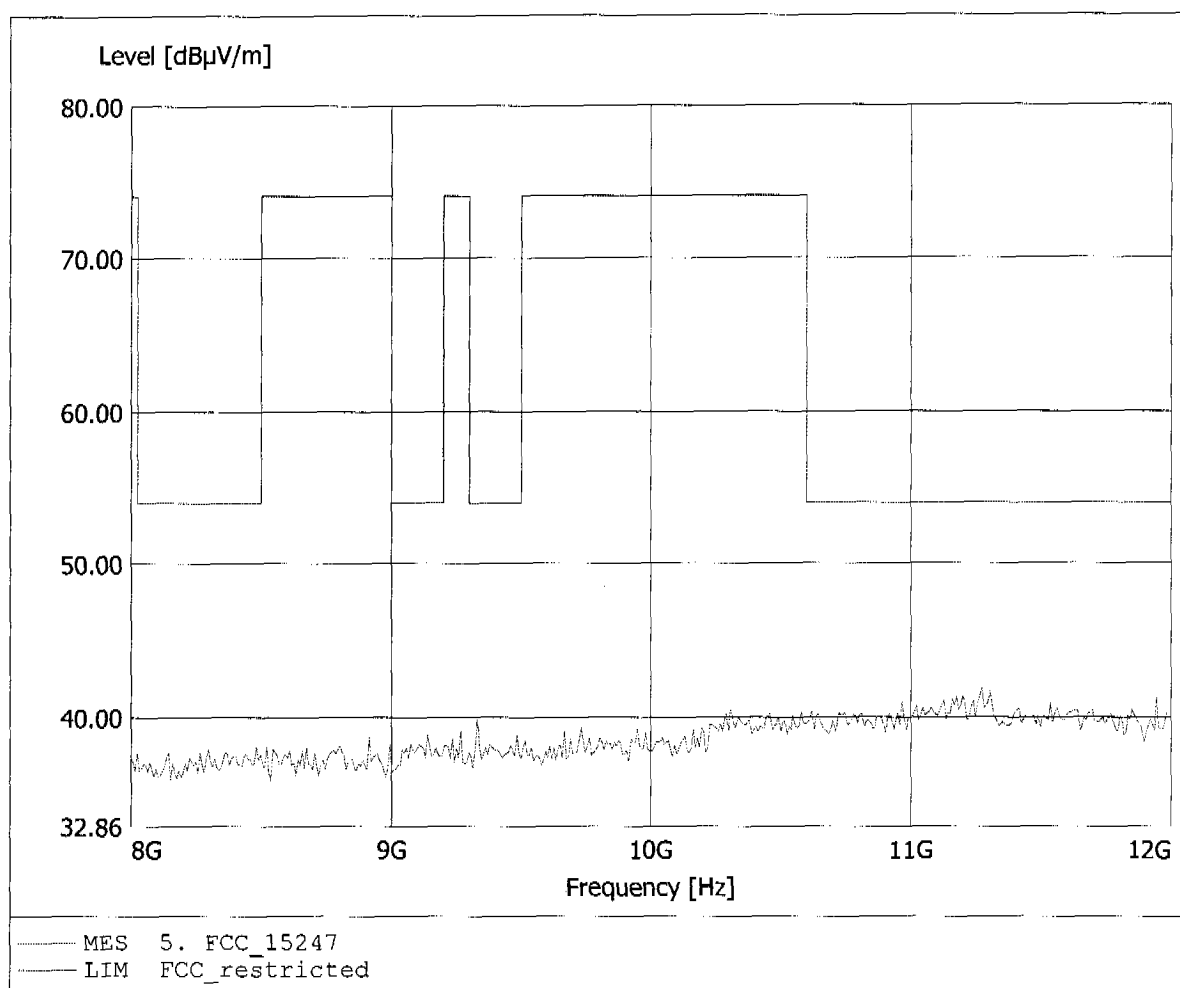
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.559GHz, Emax: 41.47dBµV/m, RBW: 1MHz



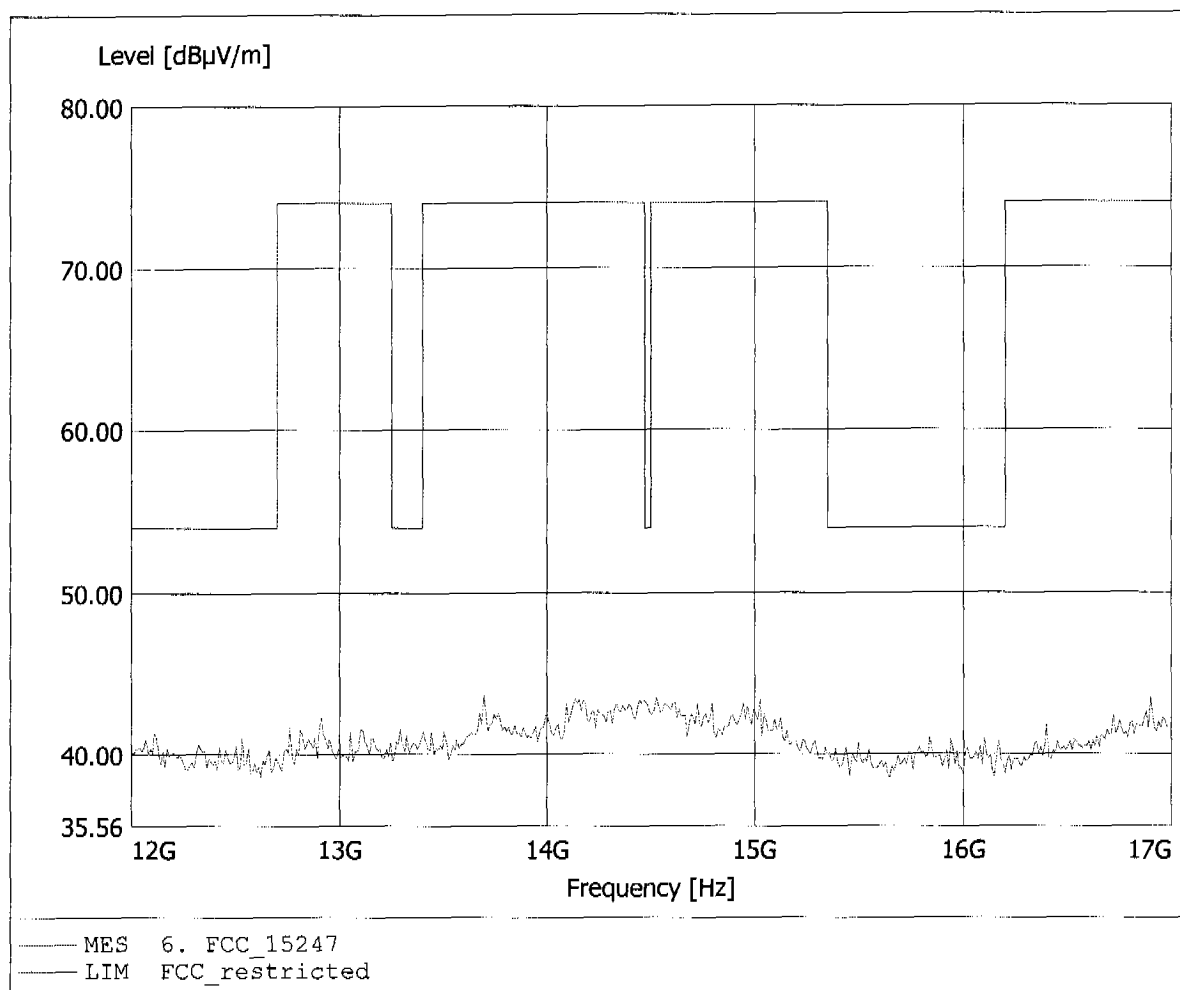
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.271GHz, Emax: 41.92dBµV/m, RBW: 1MHz



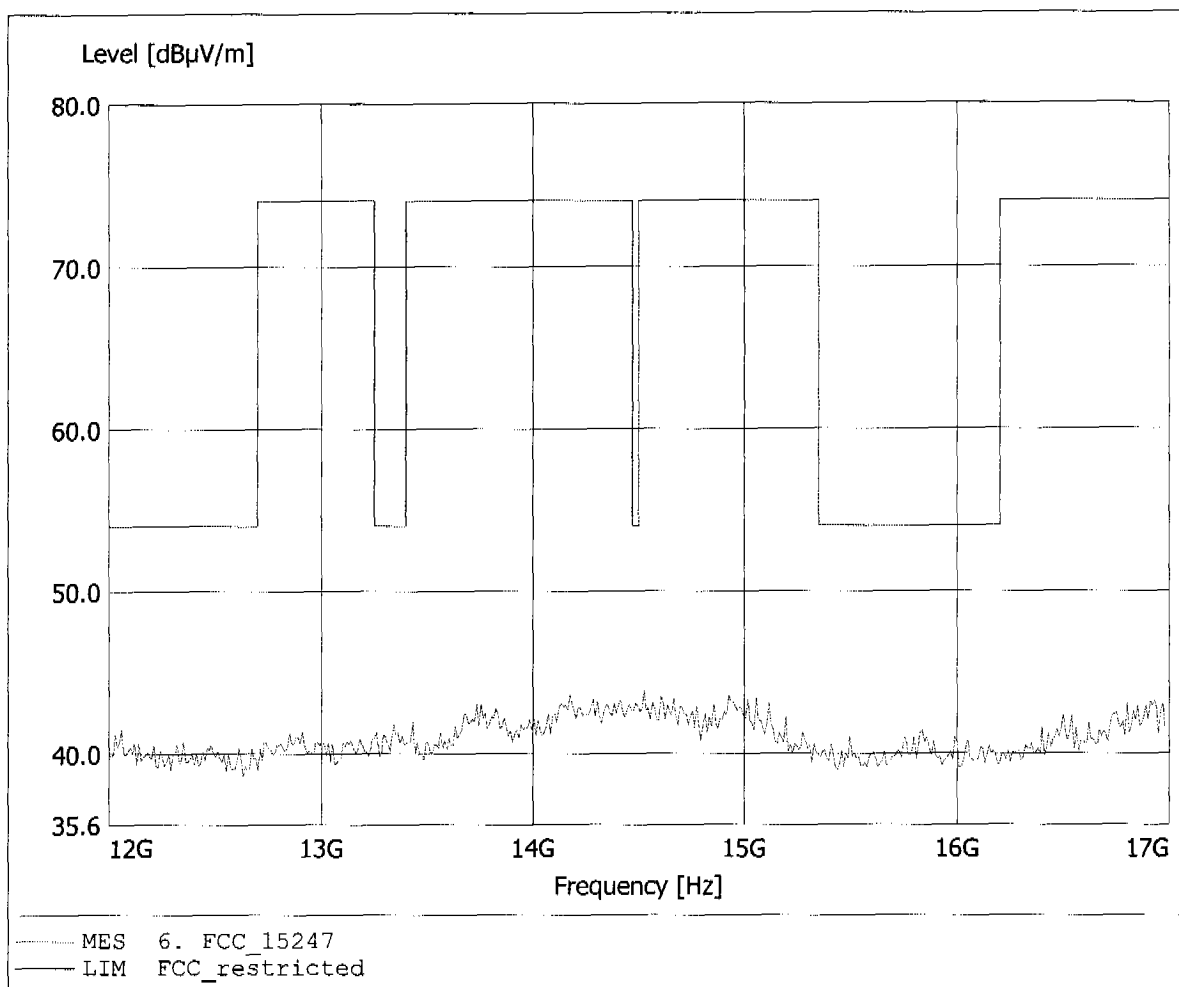
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 13.693GHz, Emax: 43.65dBµV/m, RBW: 1MHz



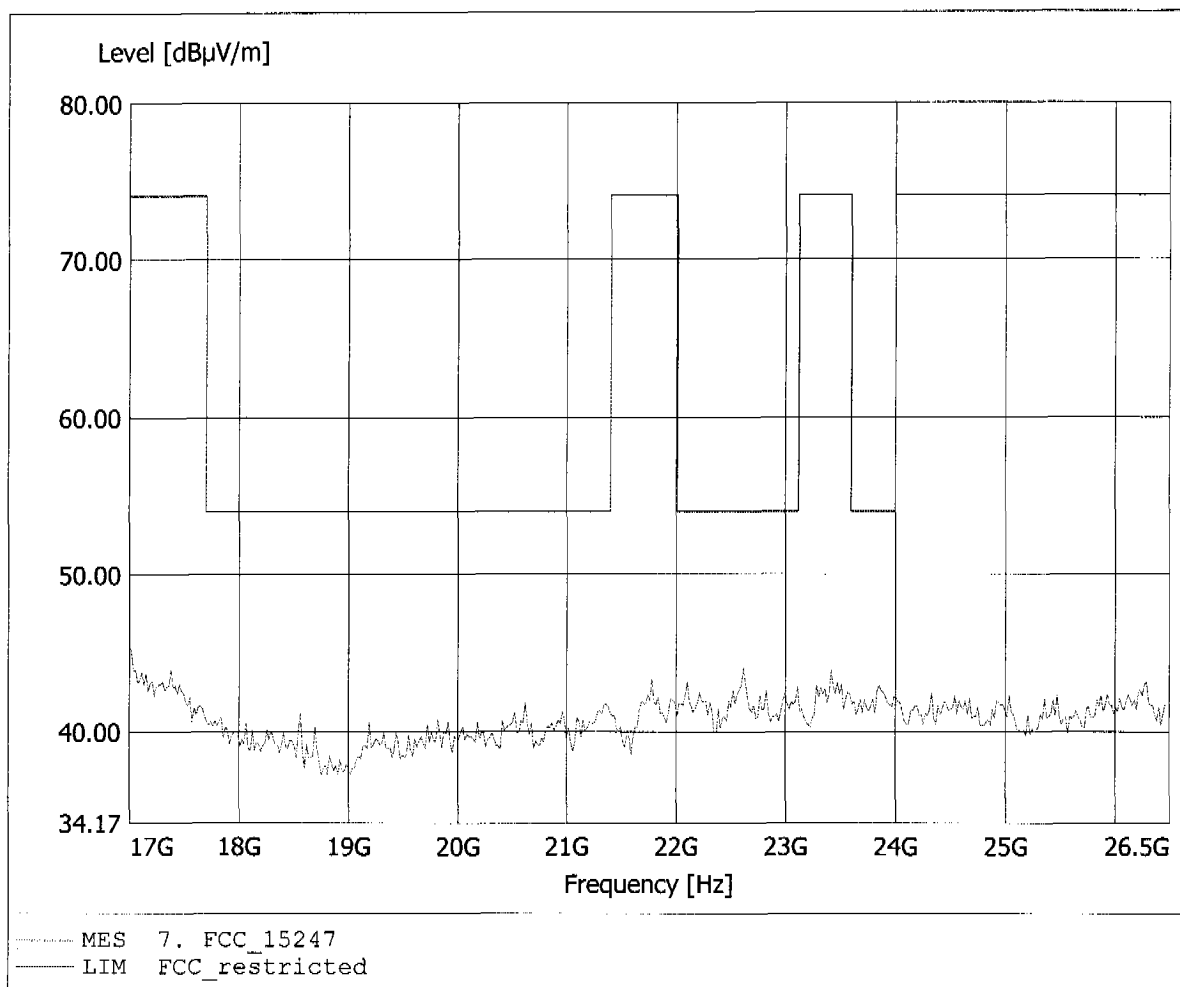
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.525GHz, Emax: 43.94dBµV/m, RBW: 1MHz



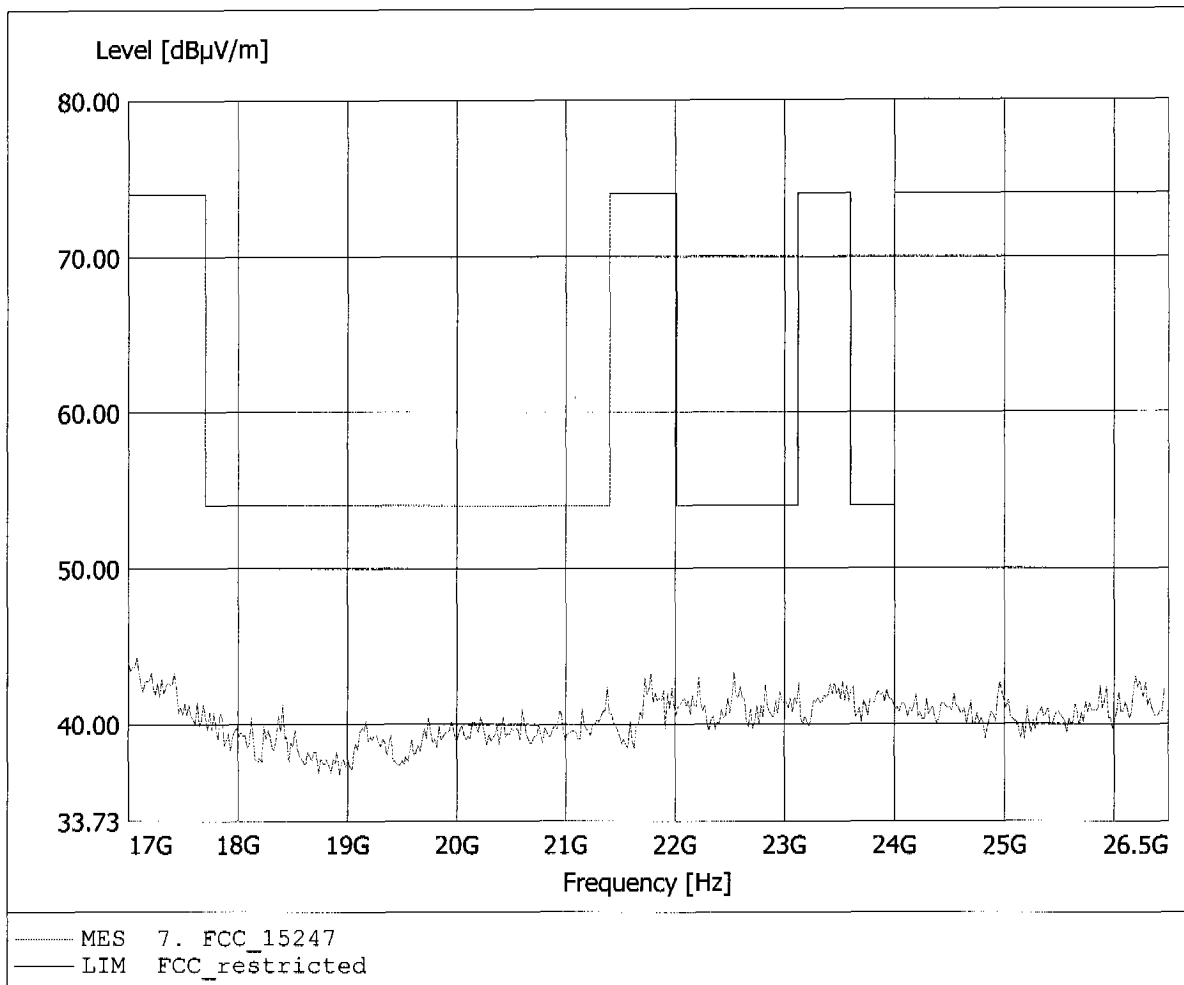
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.000GHz, Emax: 45.46dBµV/m, RBW: 1MHz



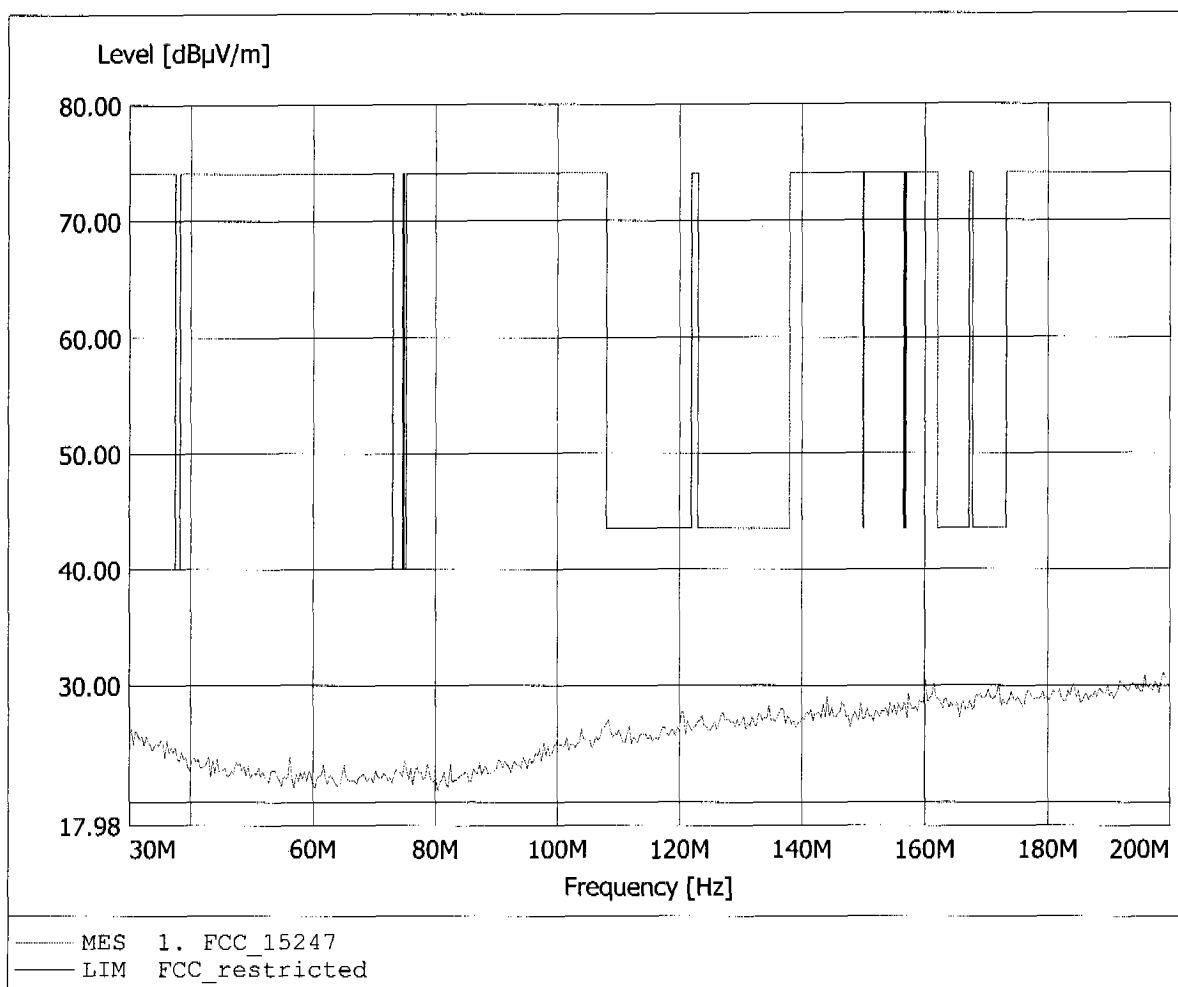
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:6  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.076GHz, Emax: 44.29dBµV/m, RBW: 1MHz



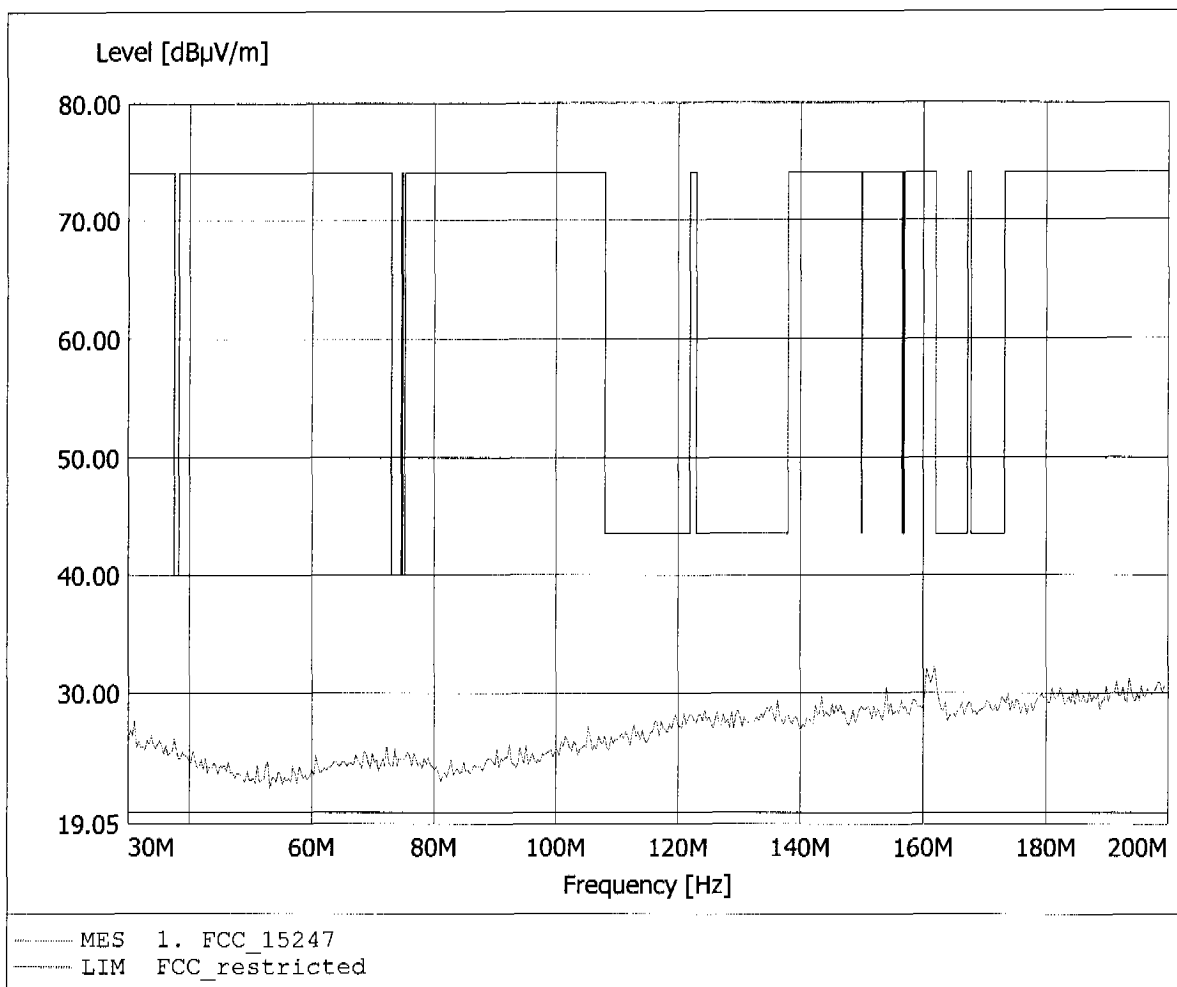
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 198.978MHz, Emax: 31.06dBµV/m, RBW: 100kHz



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

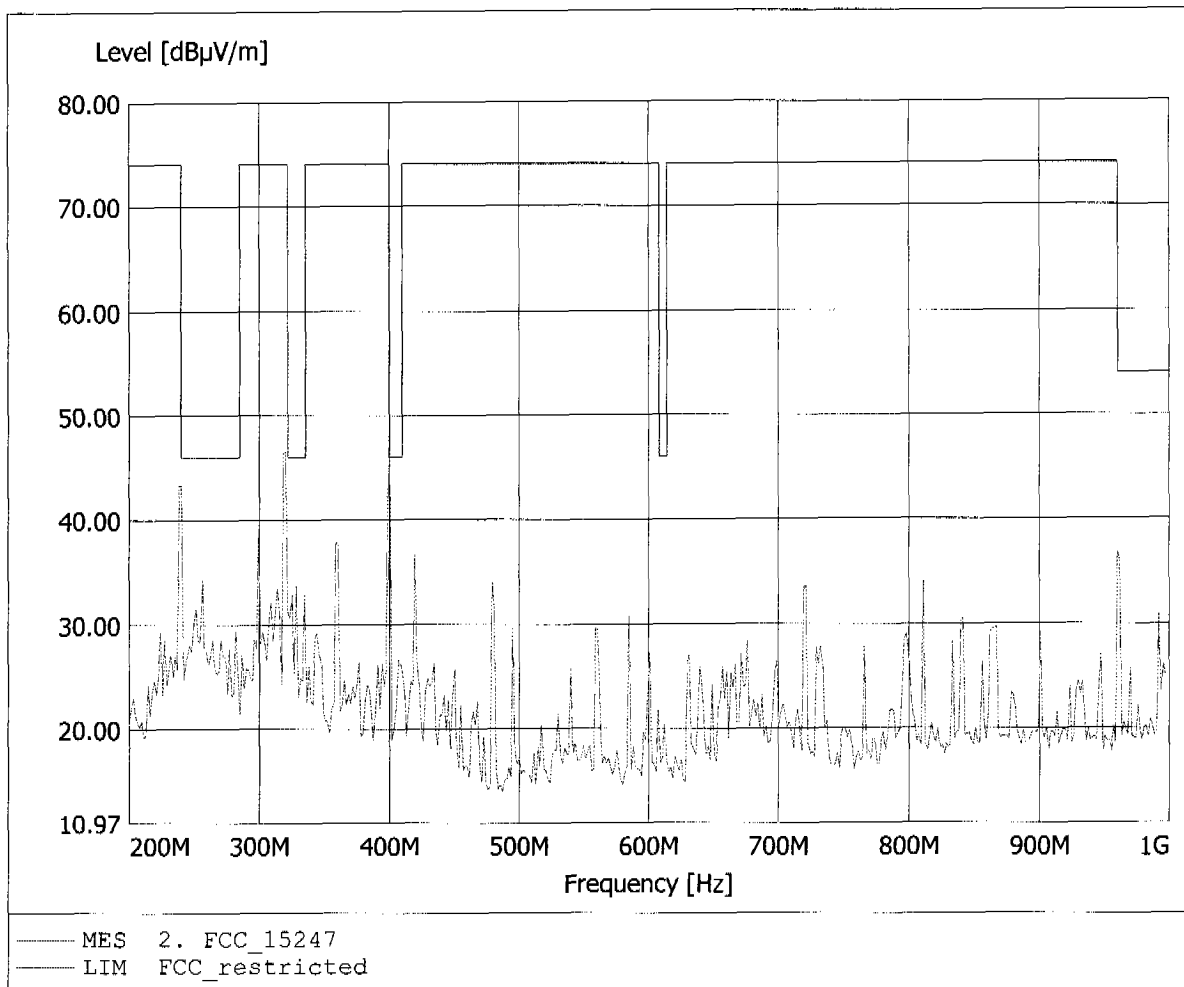
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Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Comment 2: Freq: 161.844MHz, Emax: 32.18dBuV/m, RBW: 100kHz





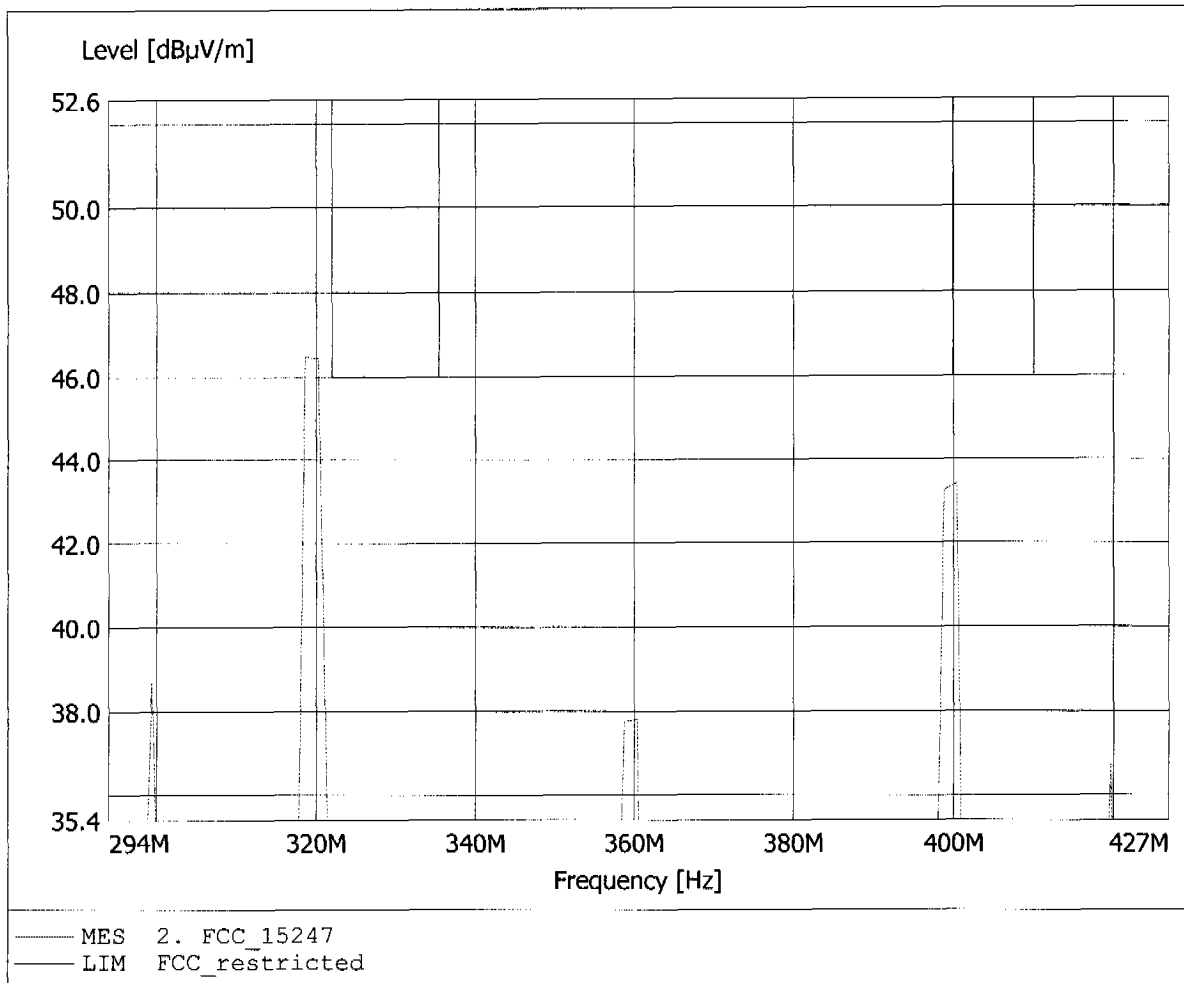
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 318.637MHz, Emax: 46.47dBµV/m, RBW: 100kHz



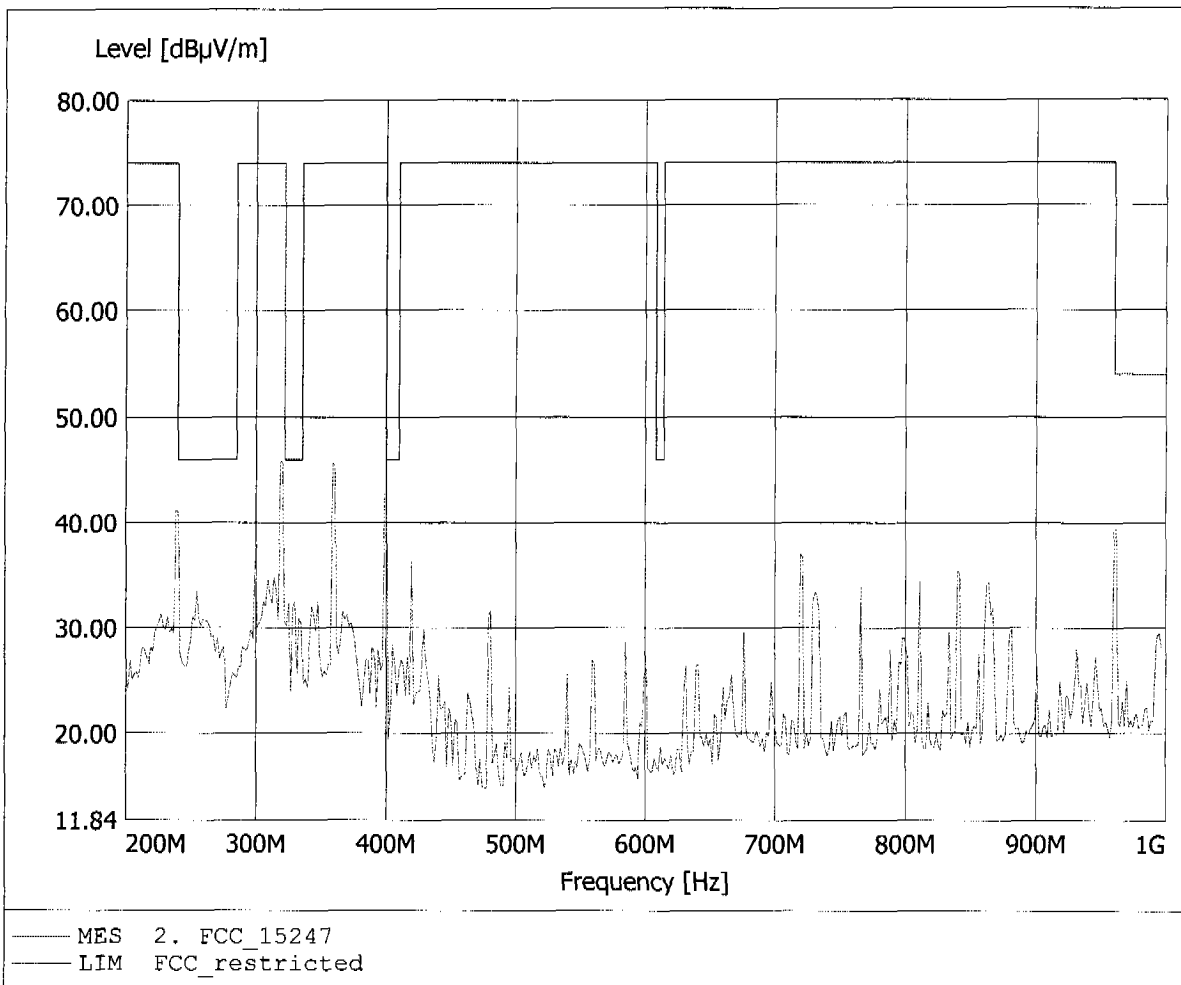
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

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Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 318.637MHz, Emax: 46.47dBuV/m, RBW: 100kHz



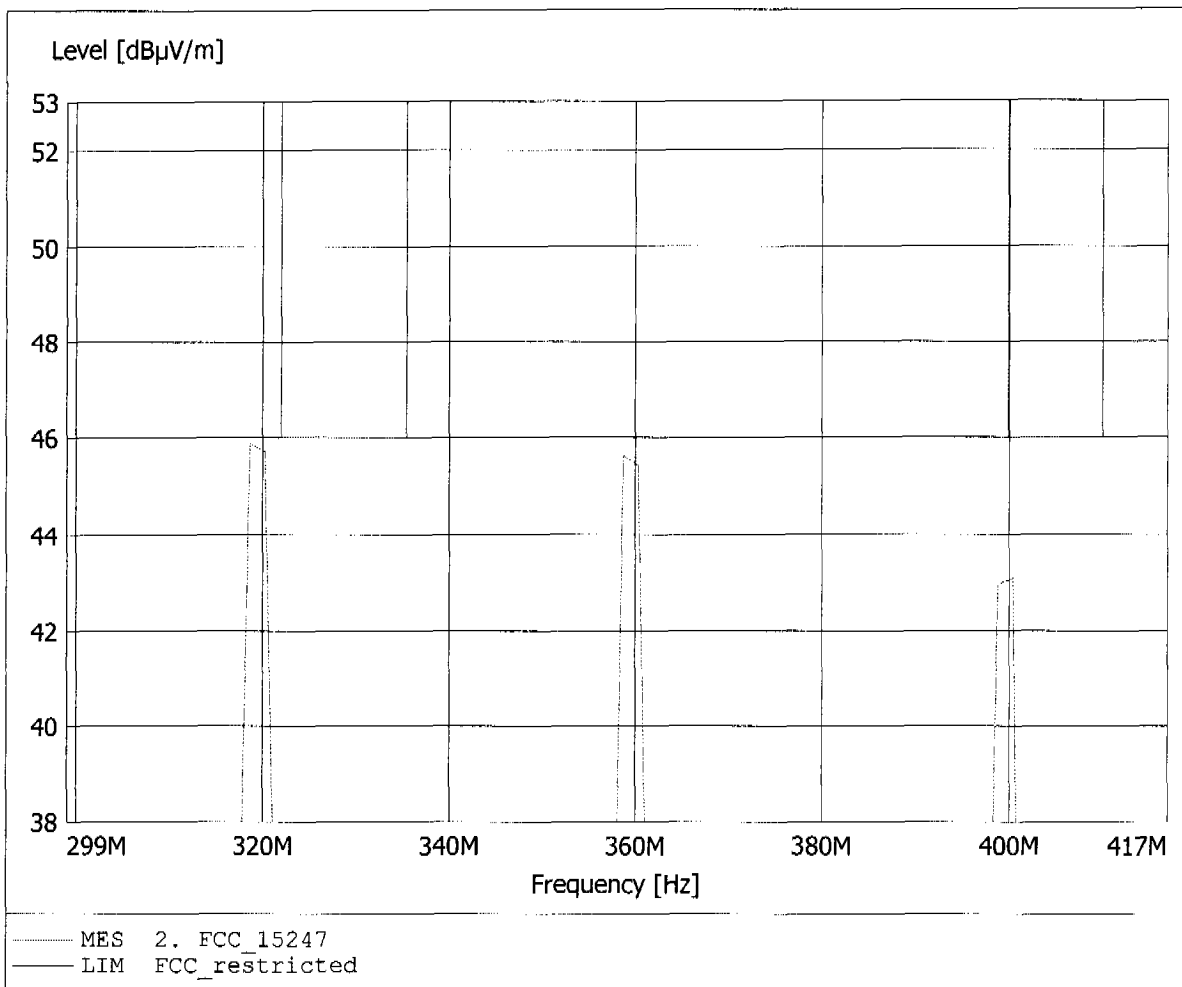
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 318.637MHz, Emax: 45.88dBµV/m, RBW: 100kHz



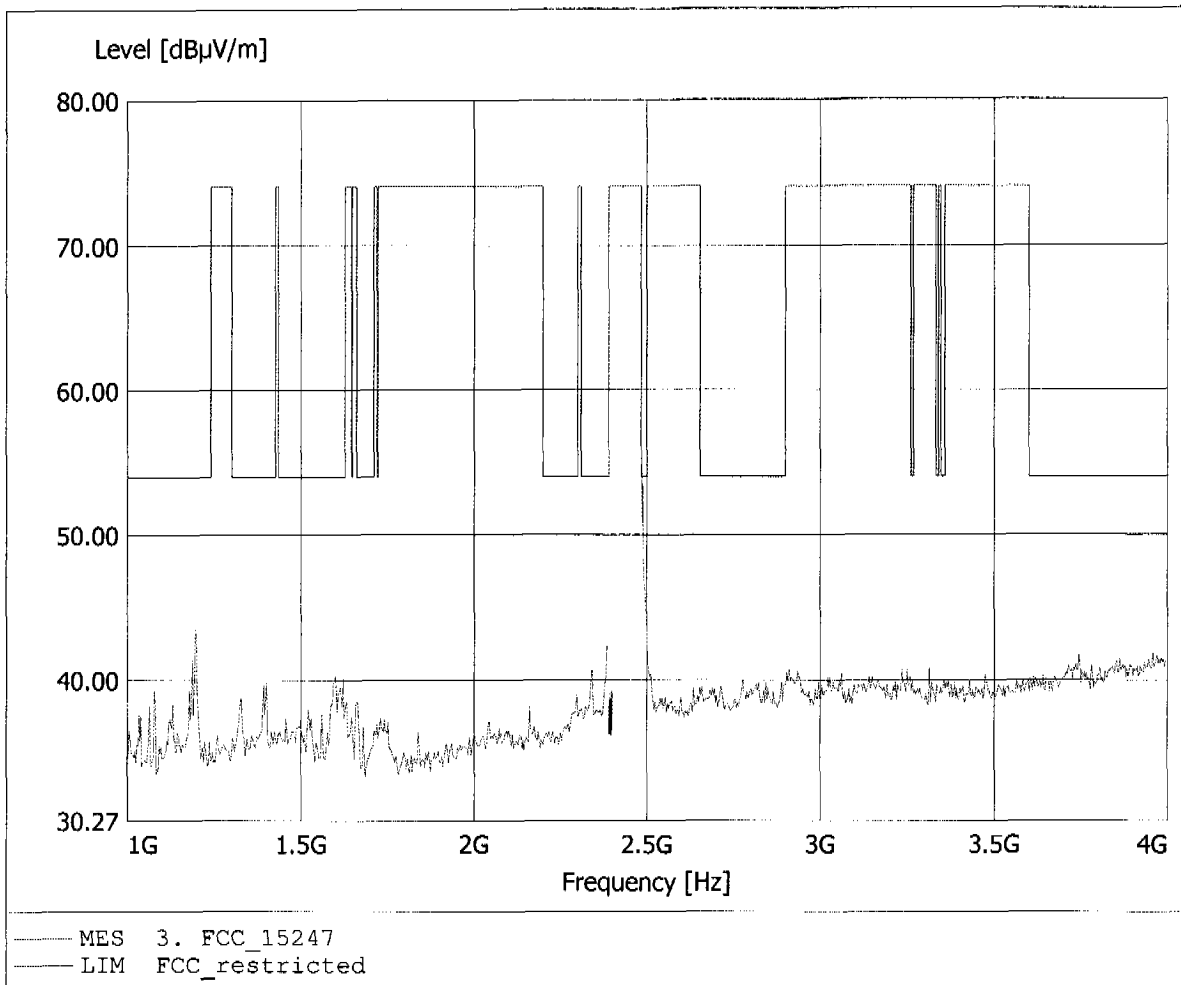
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.  
Comment 2: Freq: 318.637MHz, Emax: 45.88dBµV/m, RBW: 100kHz



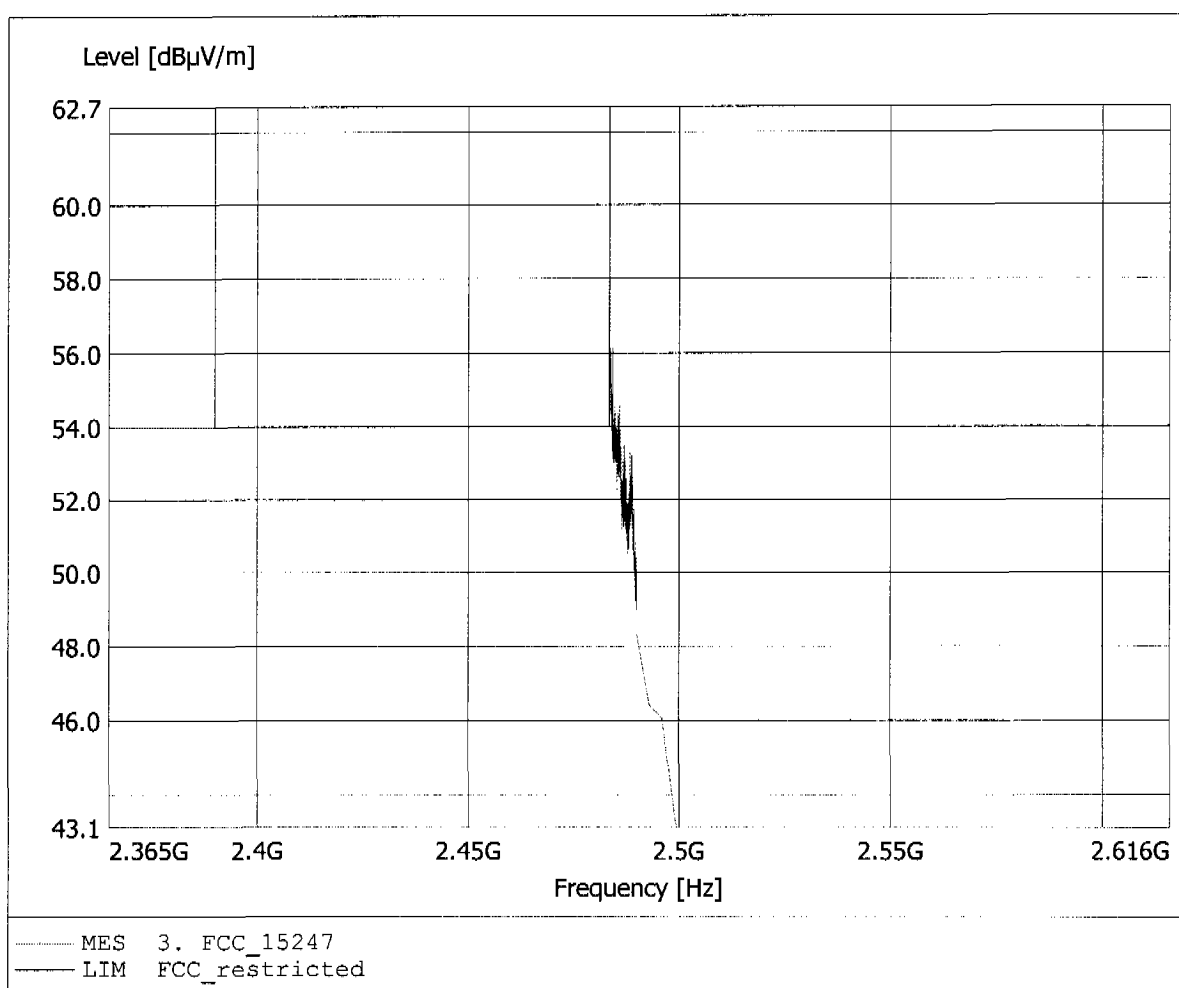
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 56.13dBµV/m, RBW: 1MHz



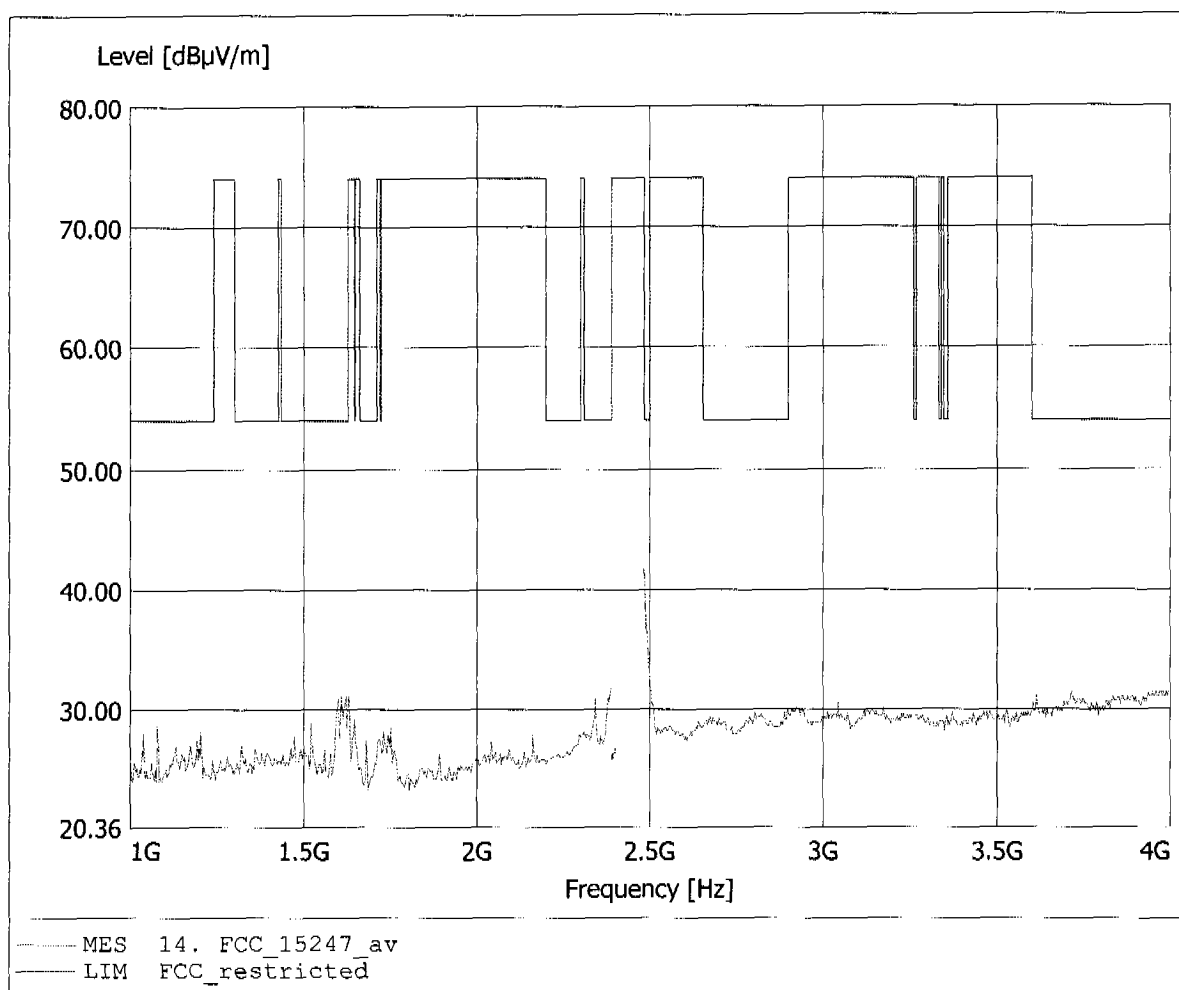
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 56.13dBµV/m, RBW: 1MHz



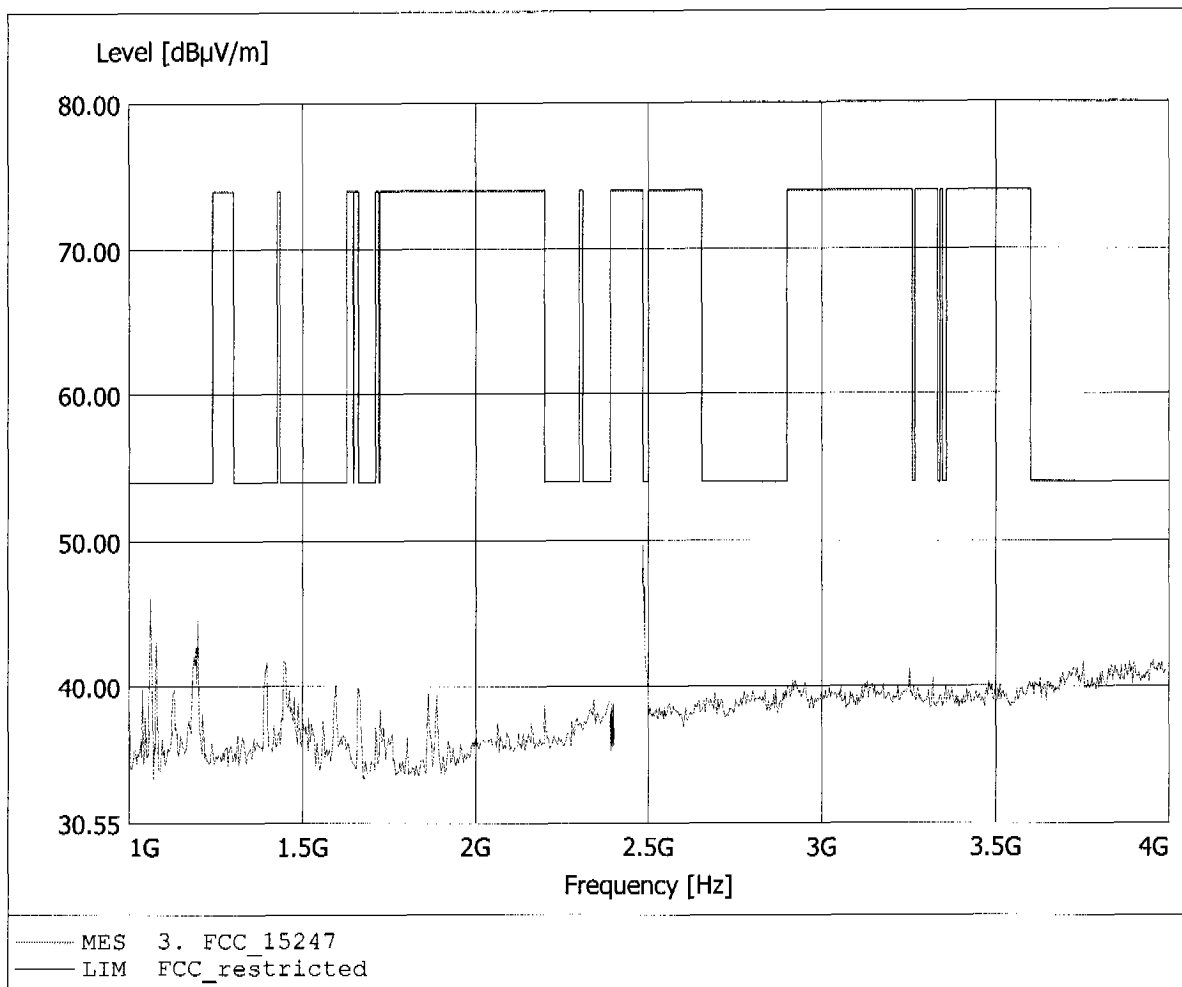
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, average detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 41.77dBµV/m, RBW: 1MHz



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

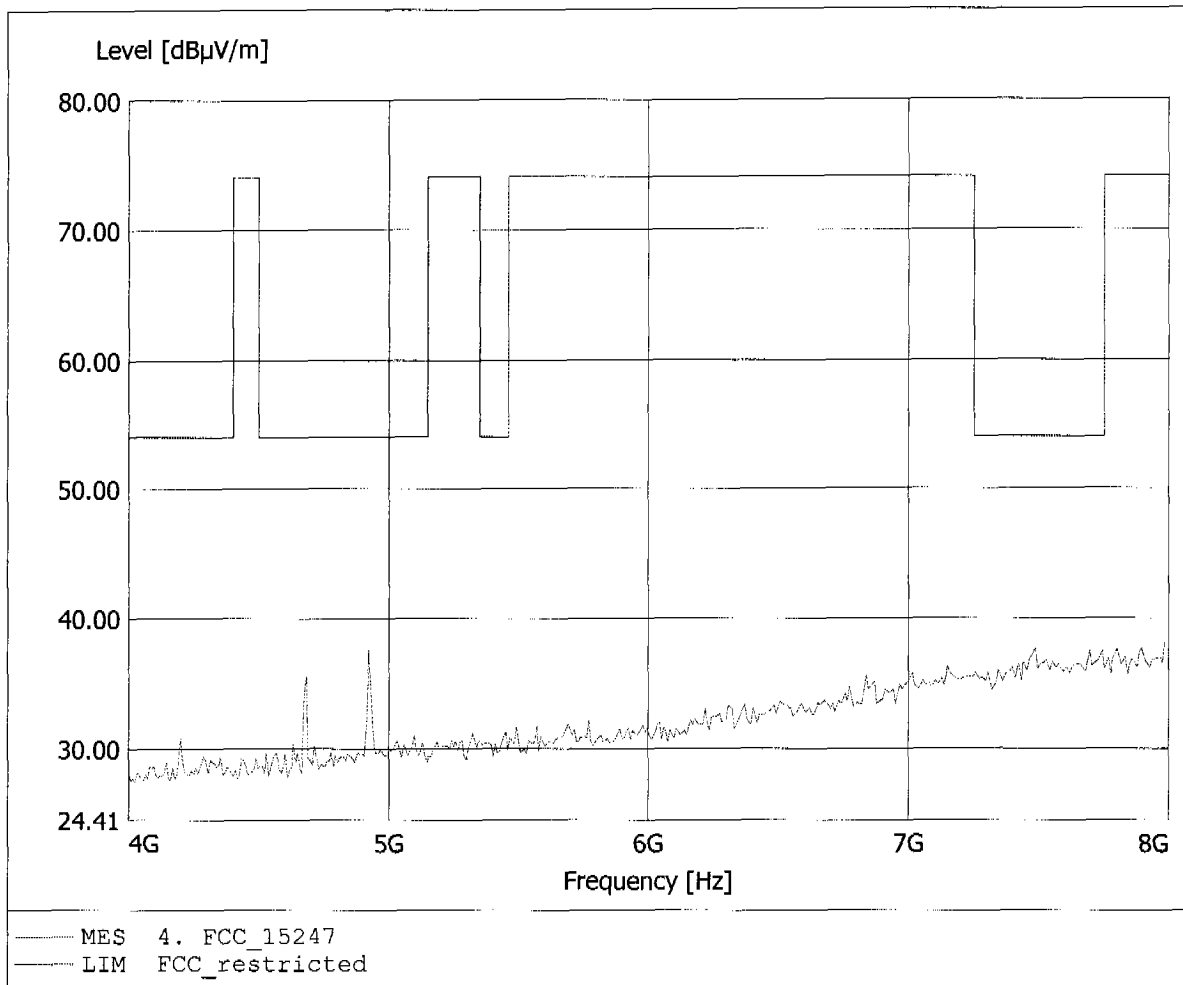
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Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, amplif.  
Comment 2: Freq: 2.484GHz, Emax: 49.76dBµV/m, RBW: 1MHz





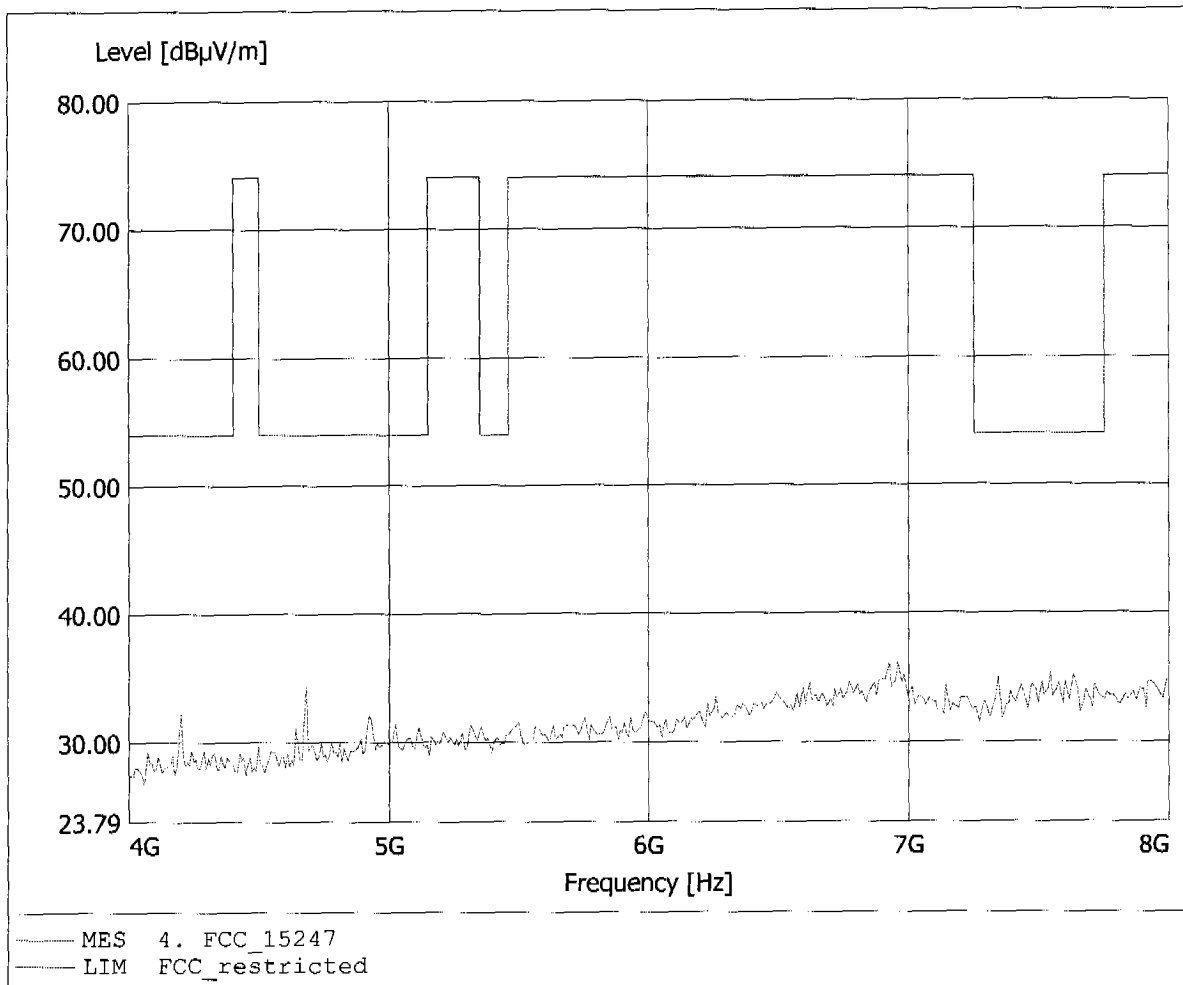
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 7.984GHz, Emax: 38.19dBuV/m, RBW: 1MHz



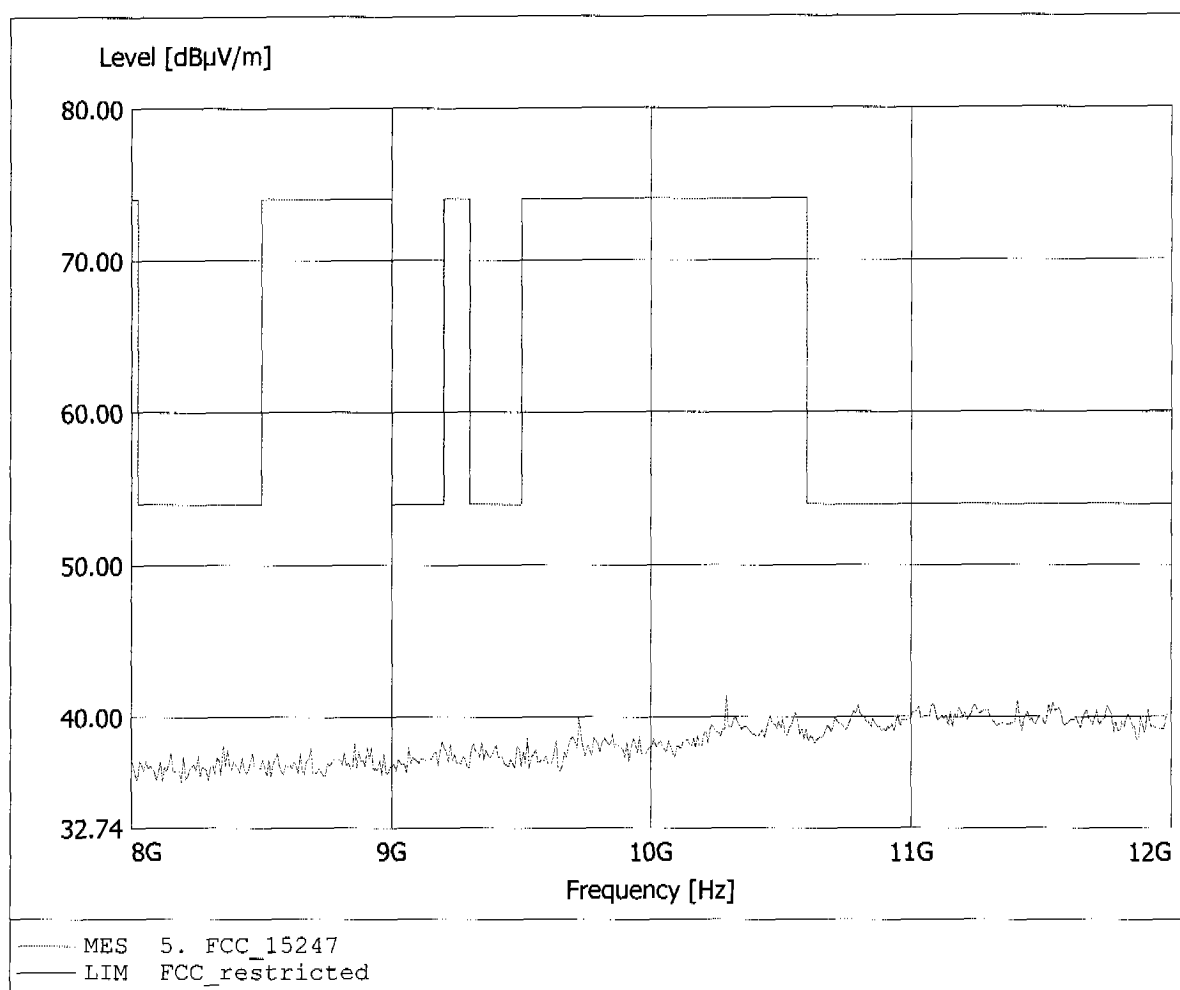
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 6.958GHz, Emax: 36.09dBµV/m, RBW: 1MHz



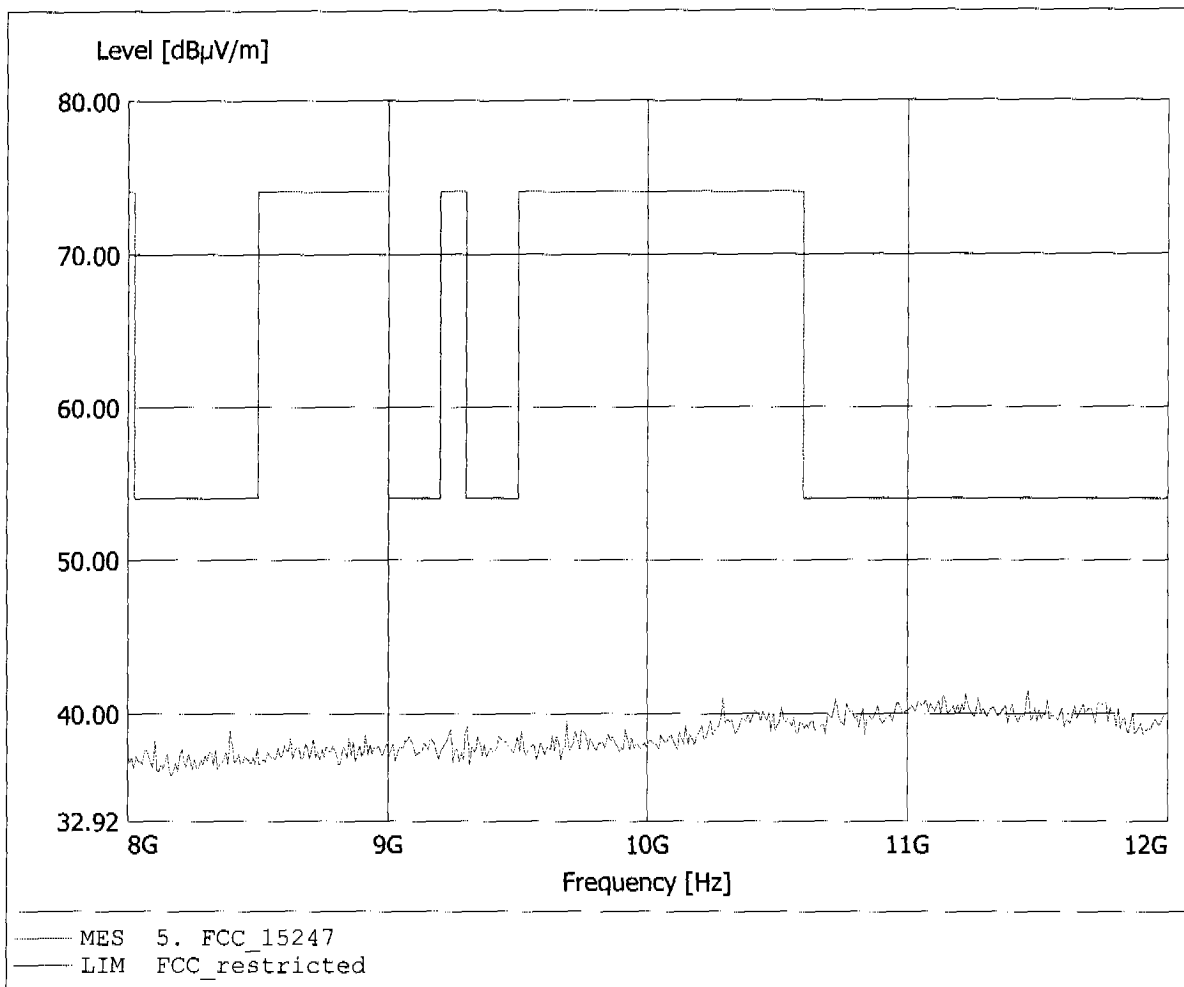
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 10.293GHz, Emax: 41.36dBµV/m, RBW: 1MHz



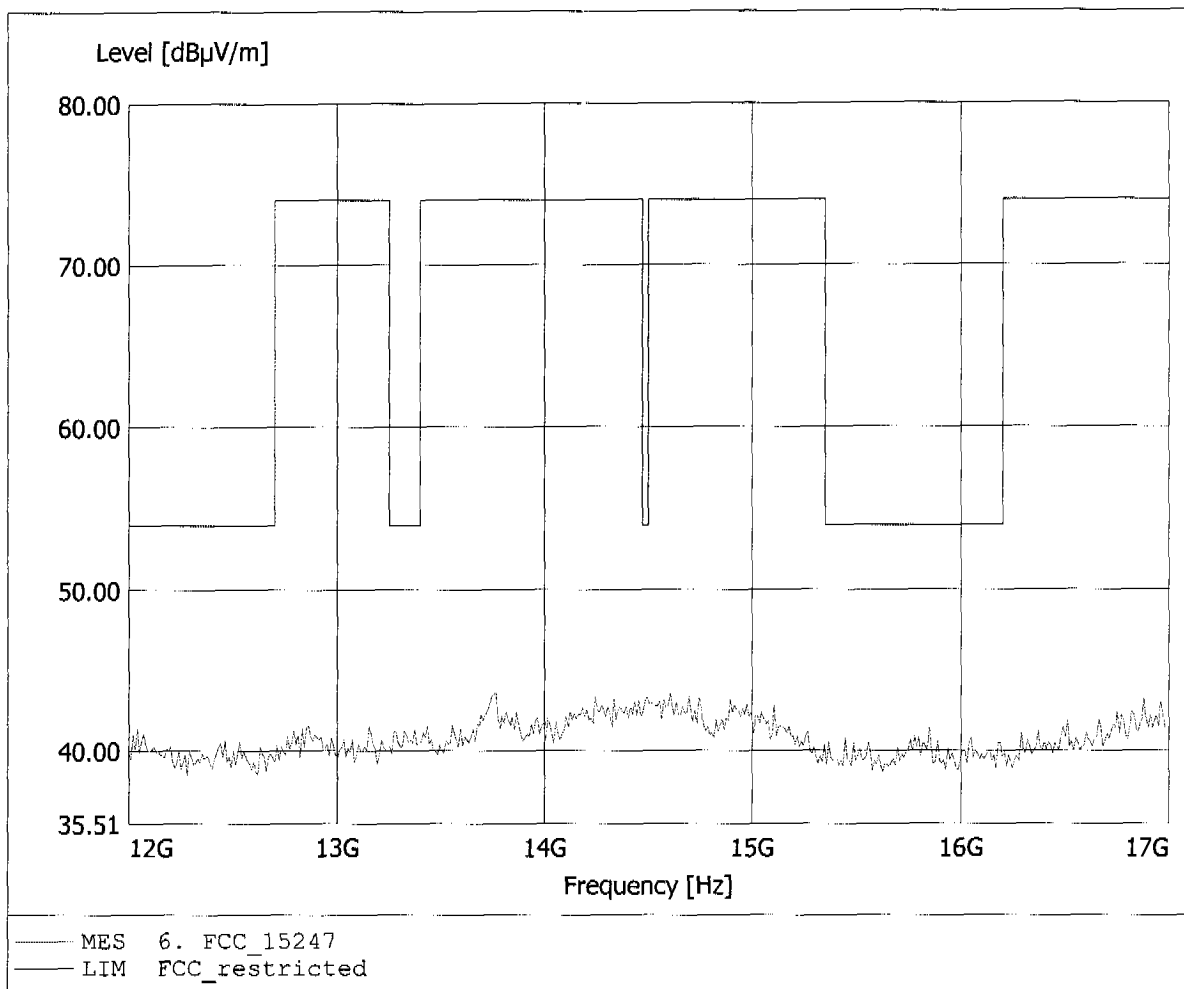
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 11.463GHz, Emax: 41.47dBµV/m, RBW: 1MHz



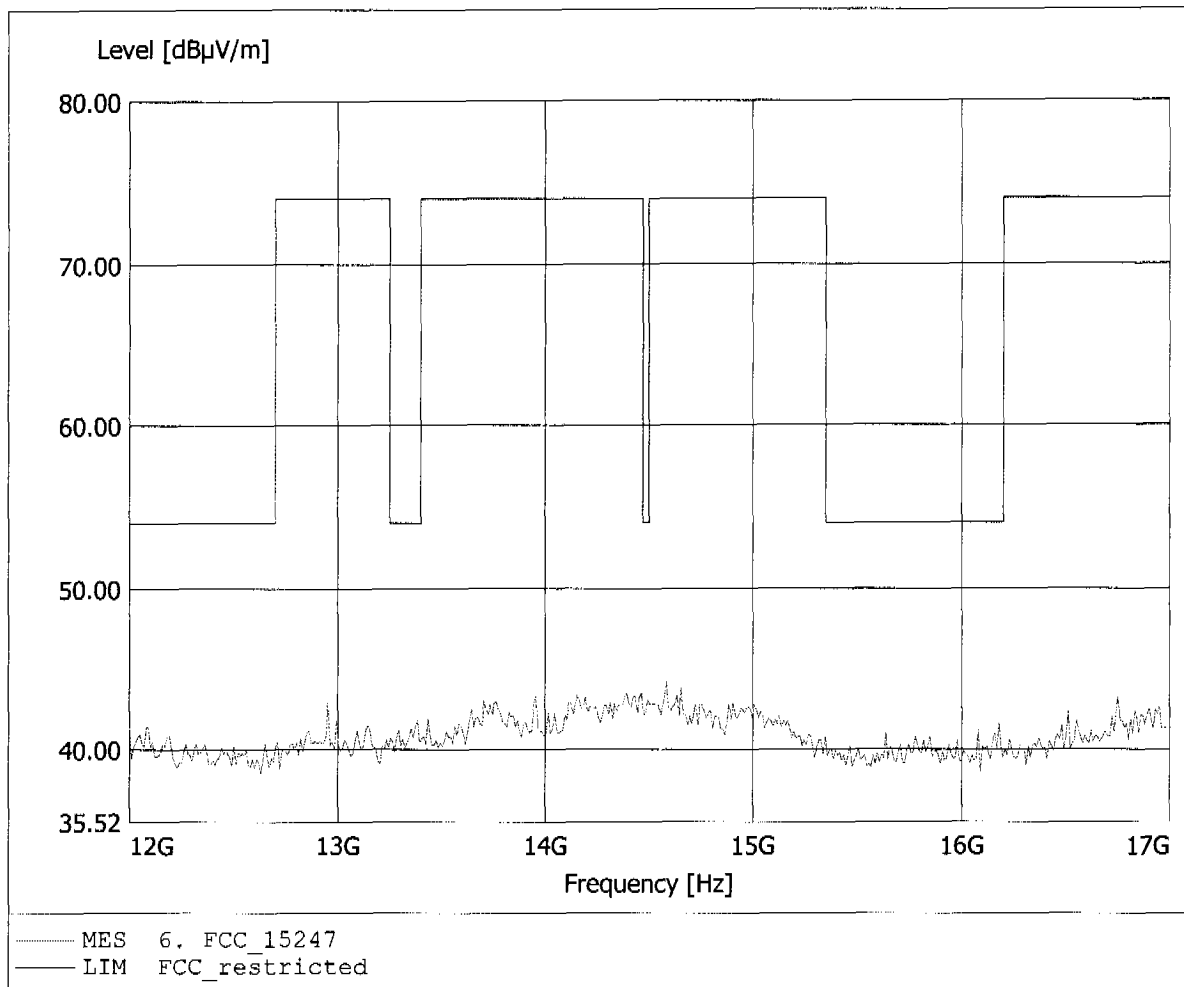
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Thom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 13.764GHz, Emax: 43.65dBµV/m, RBW: 1MHz



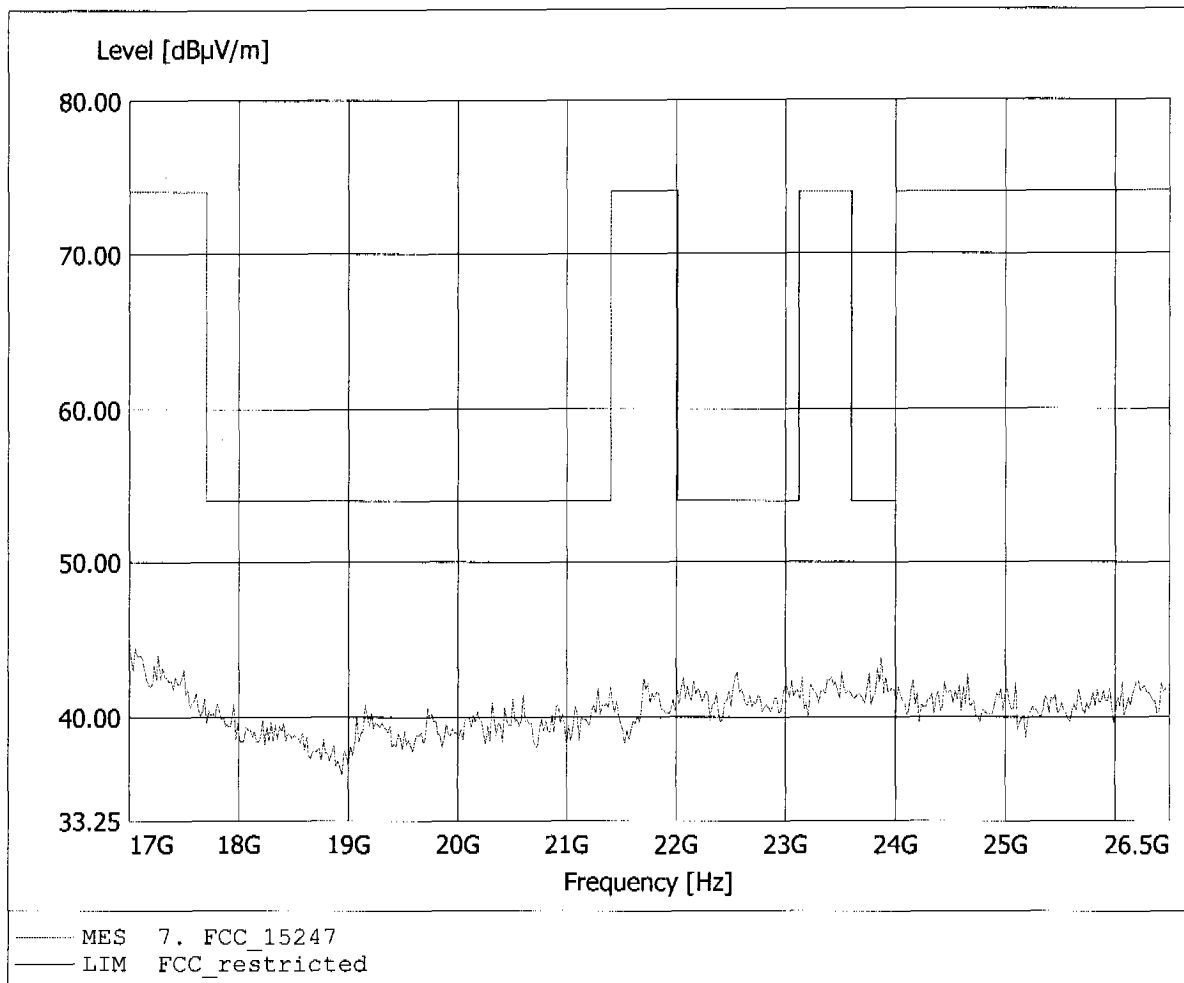
**Spurious emissions Field Strength  
FCC RULES PART 15, SUBPART C**

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: BBHA9120D, ampl.+HP.  
Comment 2: Freq: 14.585GHz, Emax: 44.15dBµV/m, RBW: 1MHz



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

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.000GHz, Emax: 45.05dBµV/m, RBW: 1MHz



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

EUT: SA5250/1 802.11a/b/g mPCI Reference Design / Ch.:11  
Model: SA5250/1 mPCI  
Approval Holder: Philips Semiconductors Dresden AG  
Operating Condition: Tnom: 23°C / Unom: 120 V AC (powered by mPCI-slot)  
Test Site / Operator: ETS / Mr. Hoppe  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Comment 2: Freq: 17.000GHz, Emax: 44.59dBµV/m, RBW: 1MHz

