

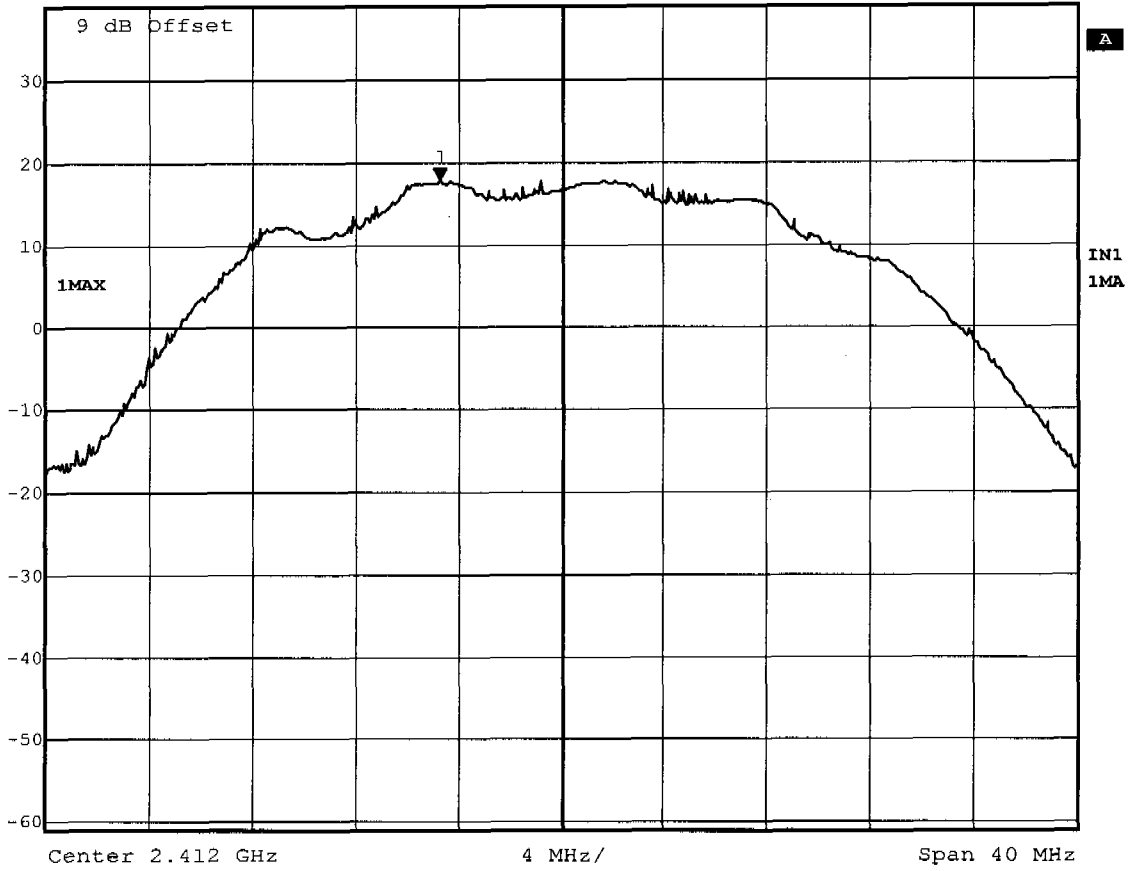


## Appendix B

Peak Output Power



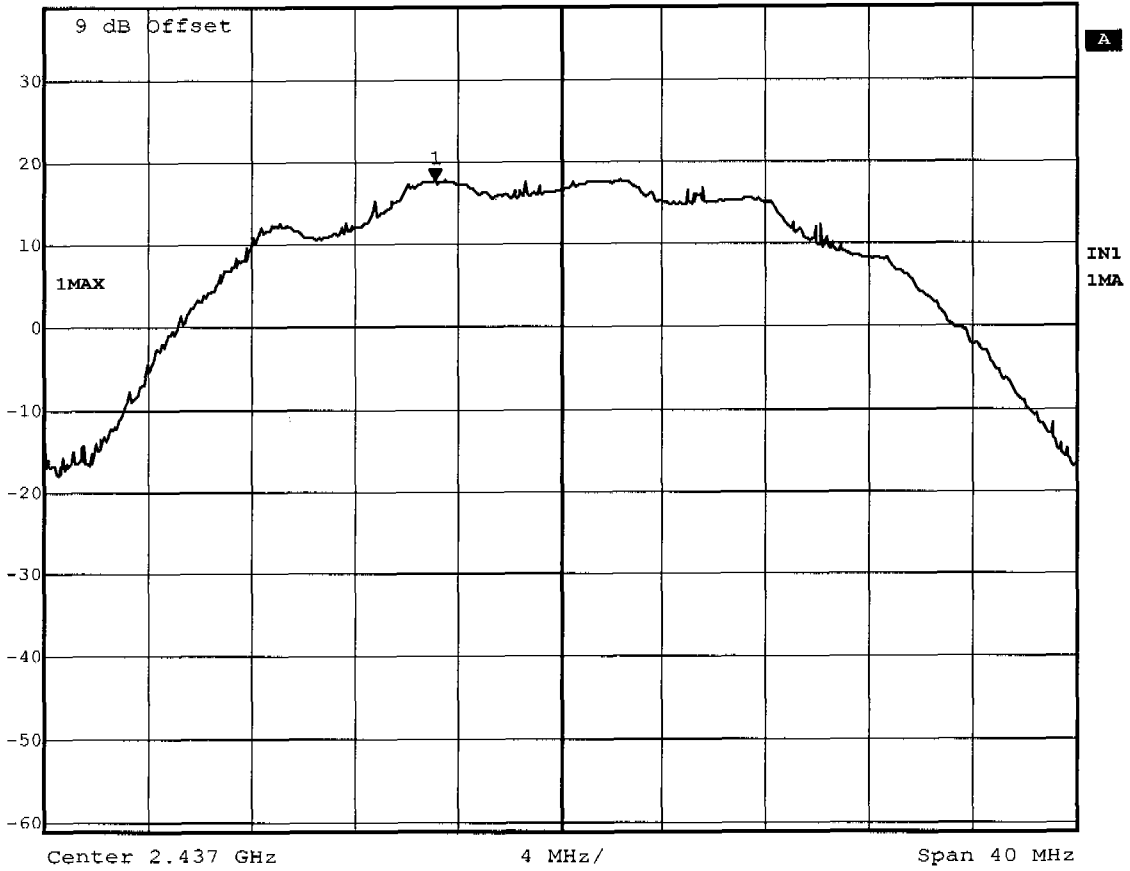
Marker 1 [T1]	RBW	10 MHz	RF Att	40 dB
Ref Lvl	17.87 dBm	VBW	10 MHz	
39 dBm	2.40731062 GHz	SWT	200 ms	Unit dBm



Title: 11B CH1 MAX POWER  
Date: 18.FEB.2004 21:27:18



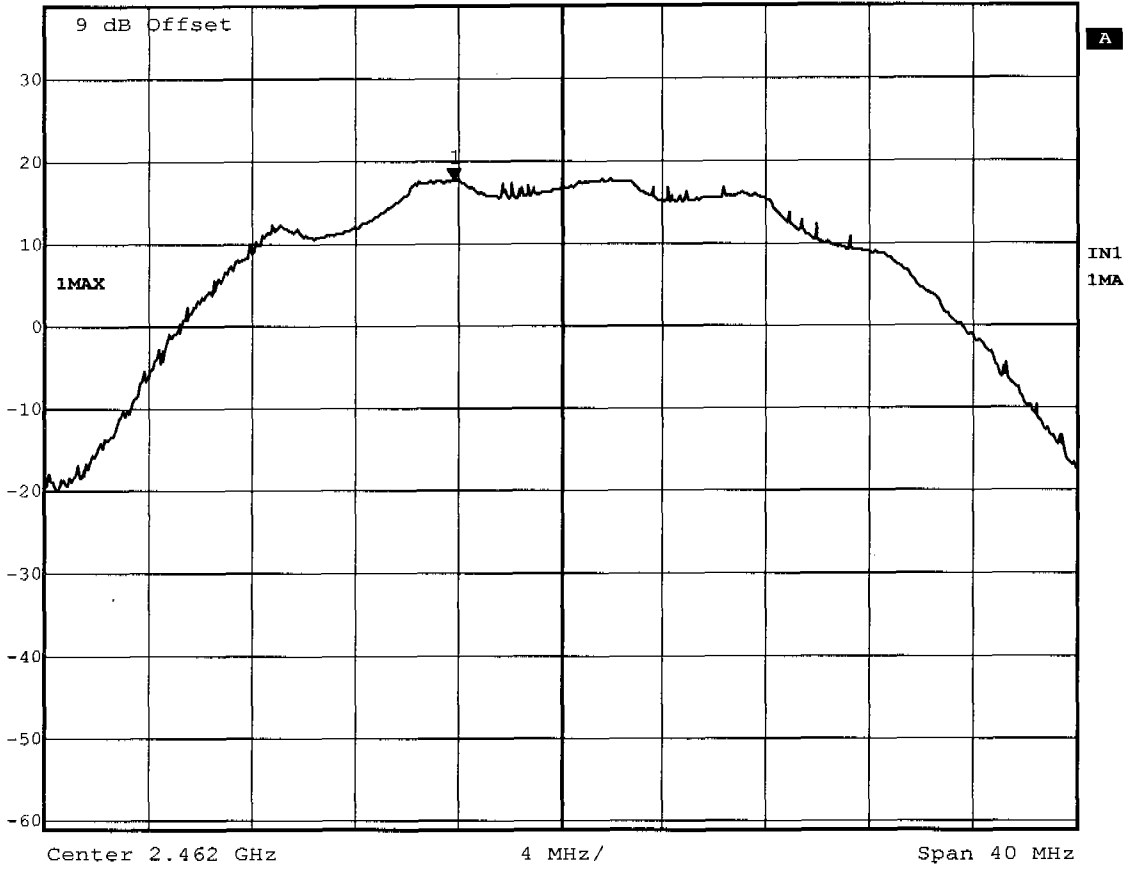
Ref Lvl	Marker 1 [T1]	RBW	10 MHz	RF Att	40 dB
39 dBm	17.62 dBm	VBW	10 MHz		
	2.43215030 GHz	SWT	200 ms	Unit	dBm



Title: 11B CH6 MAX POWER  
Date: 18.FEB.2004 21:28:53



Marker 1 [T1]	RBW	10 MHz	RF Att	40 dB
Ref Lvl	17.62 dBm	VBW	10 MHz	
39 dBm	2.45787174 GHz	SWT	200 ms	Unit dBm



Title: 11B CH11 MAX POWER  
Date: 18.FEB.2004 21:29:58



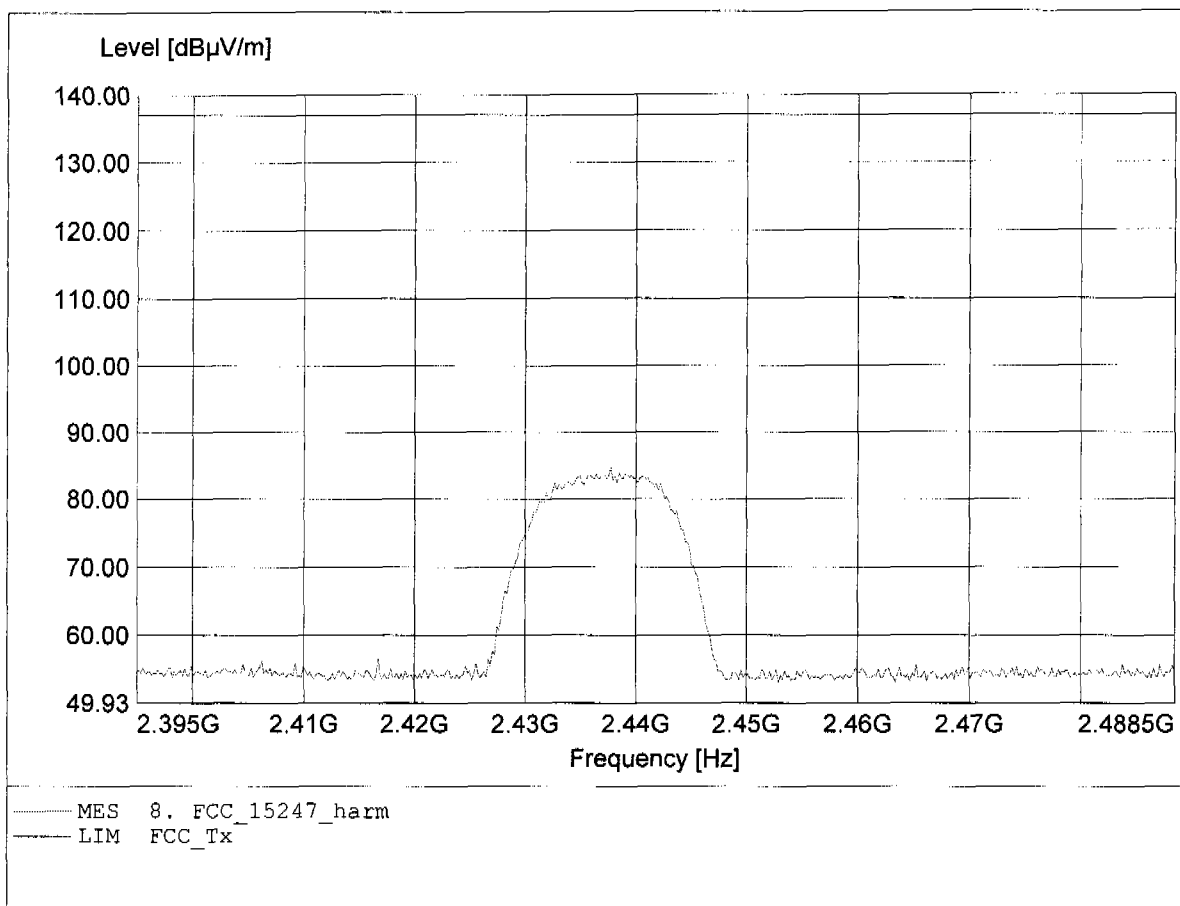
## Appendix C

Spurious Emissions radiated - Transmitter operating

# Carrier power (Field Strength)

## FCC RULES PART 15, SUBPART C

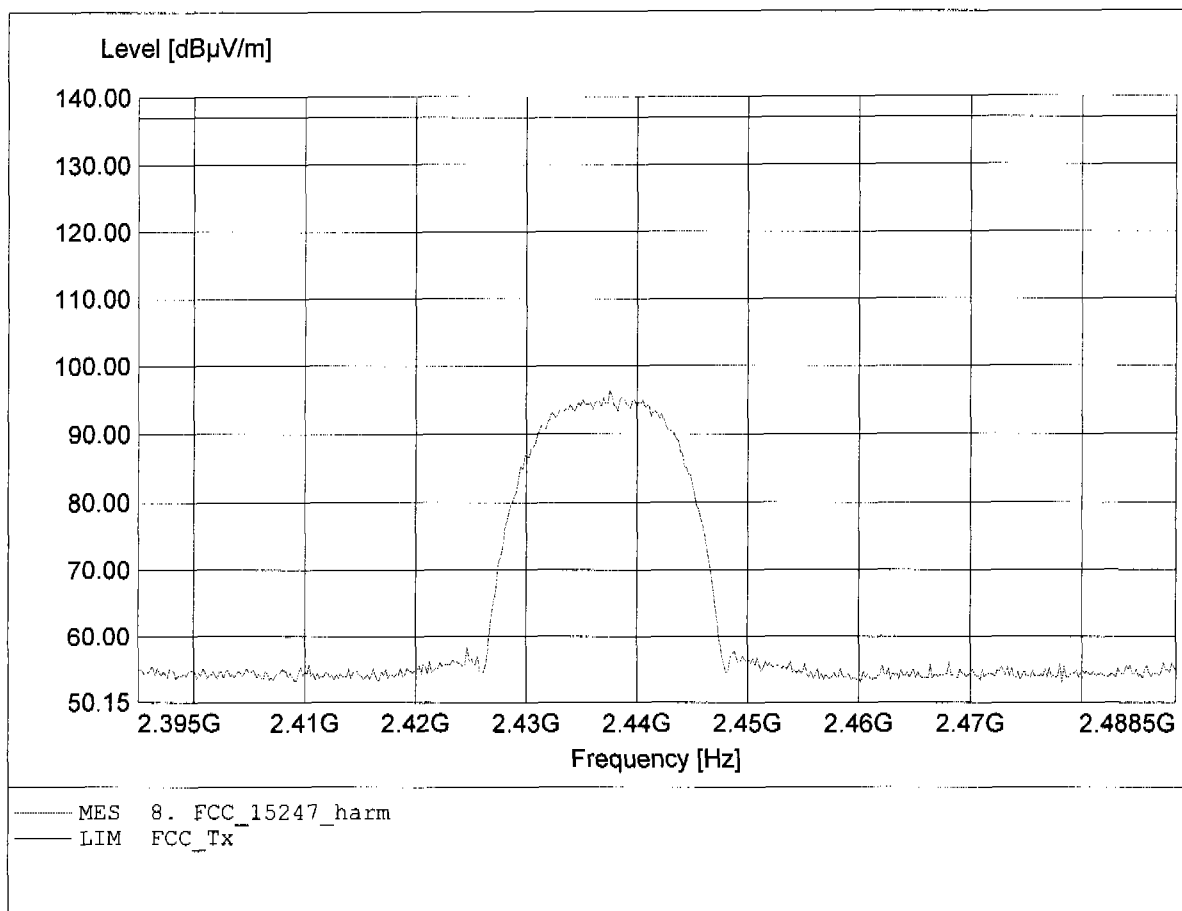
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL025  
Freq: 2.438GHz, Emax: 84.81dBµV/m, RBW: 1MHz



**Carrier power (Field Strength)**

**FCC RULES PART 15, SUBPART C**

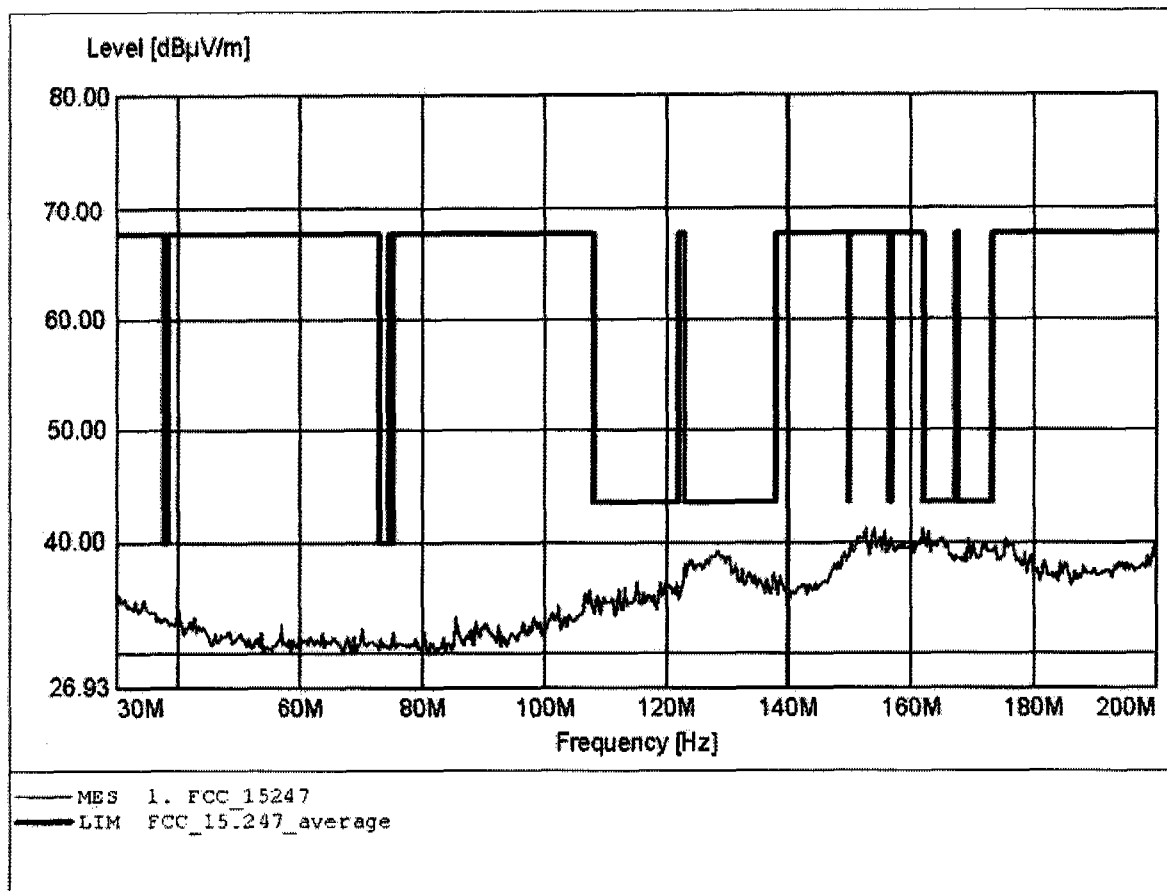
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HL025  
Freq: 2.438GHz, Emax: 96.27dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 152.645MHz, Emax: 41.22dBuV/m, RBW: 100kHz

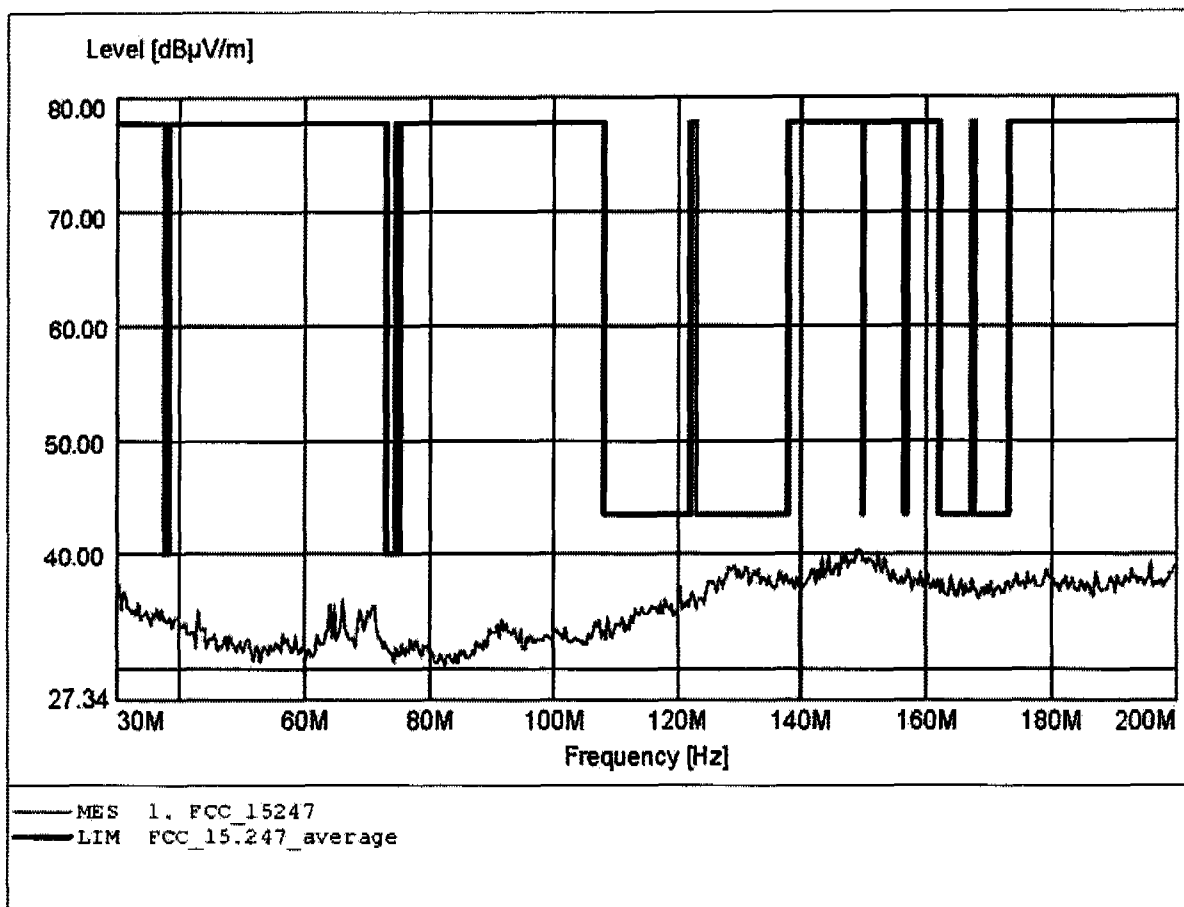




Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

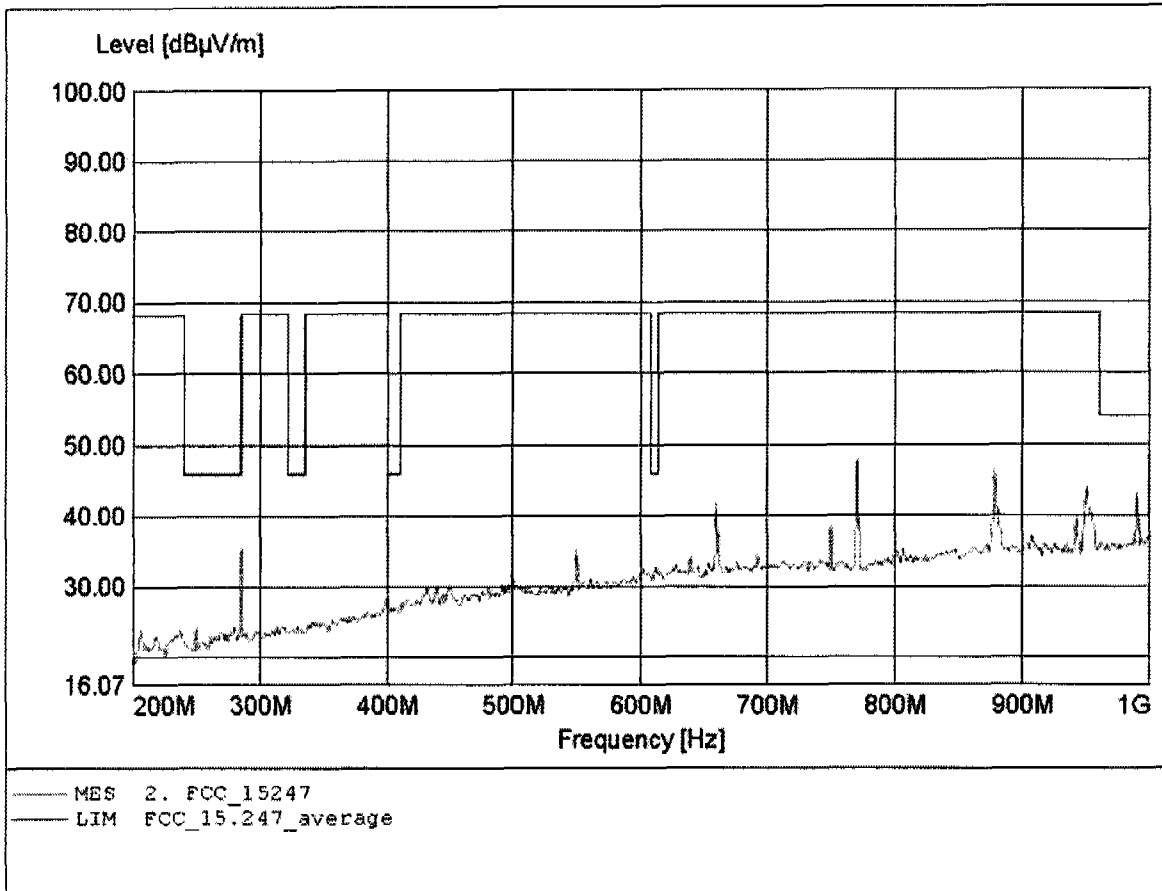
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 152.645MHz, Emax: 40.36 dBµV/m, REW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

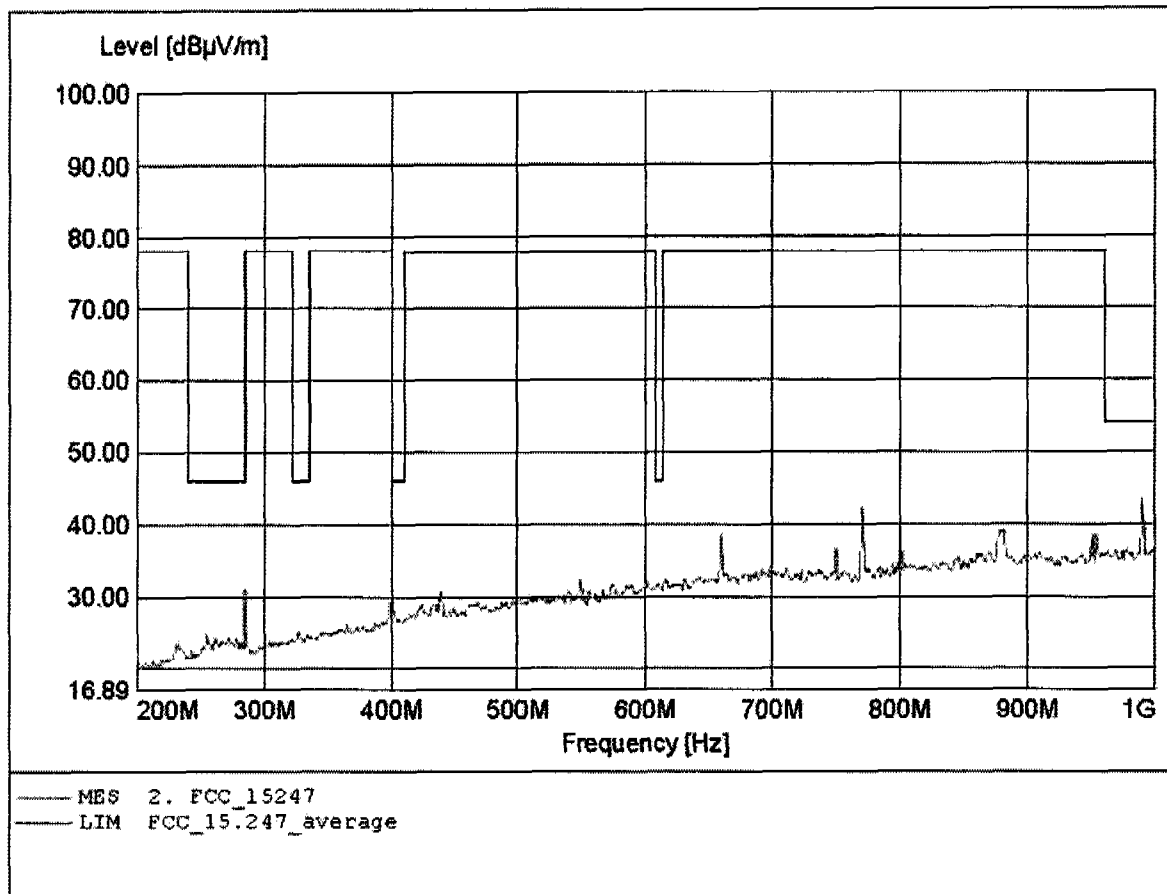
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 770.741MHz, Emax: 48.09dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

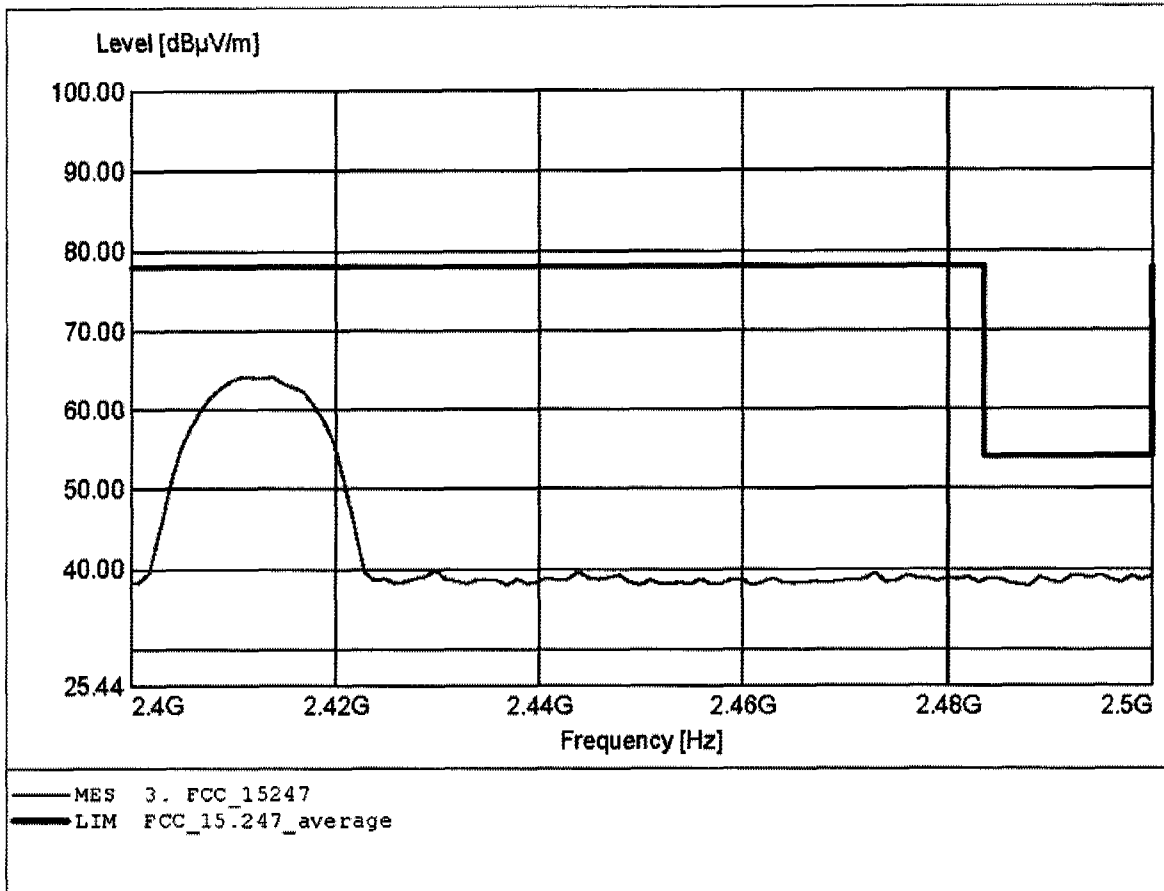
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 990.381MHz, Emax: 43.64dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

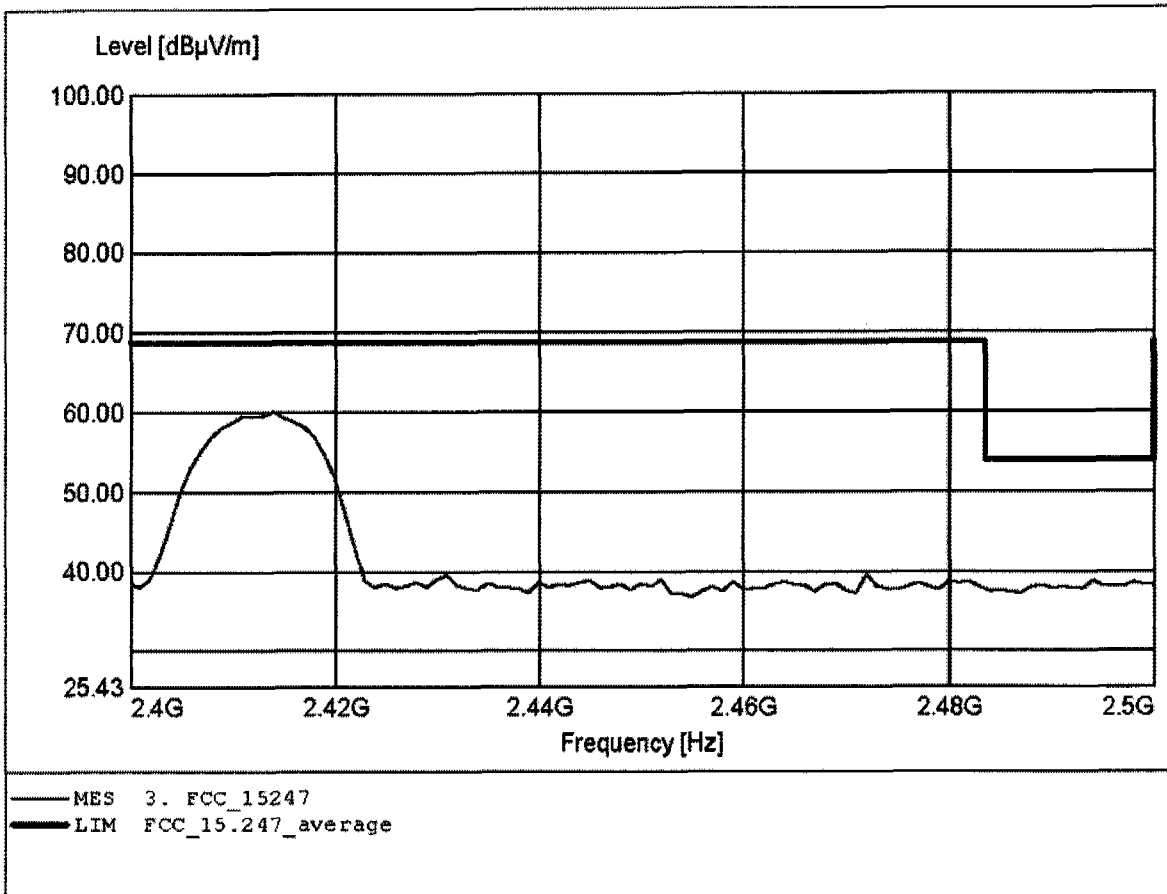
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.414GHz, Emax: 64.16dBµV/m, REW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

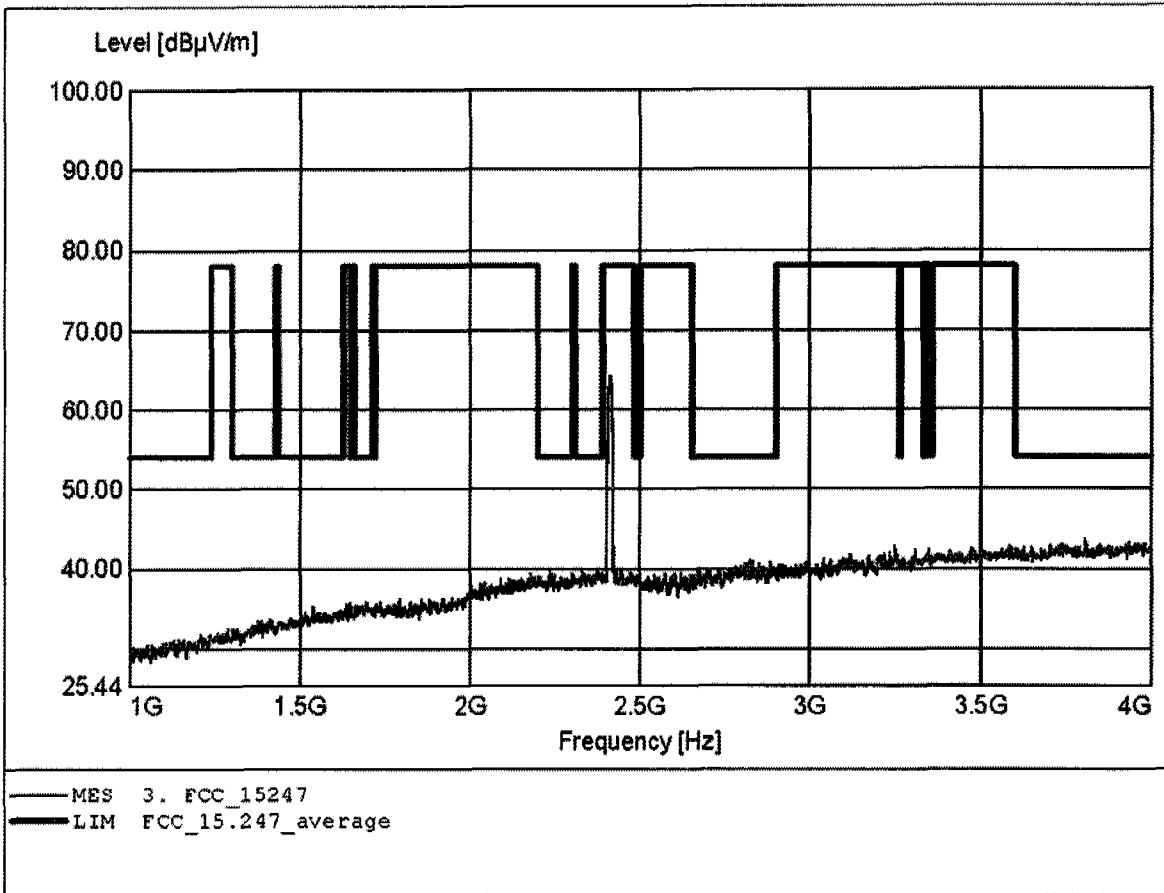
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.414GHz, Emax: 60.15dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

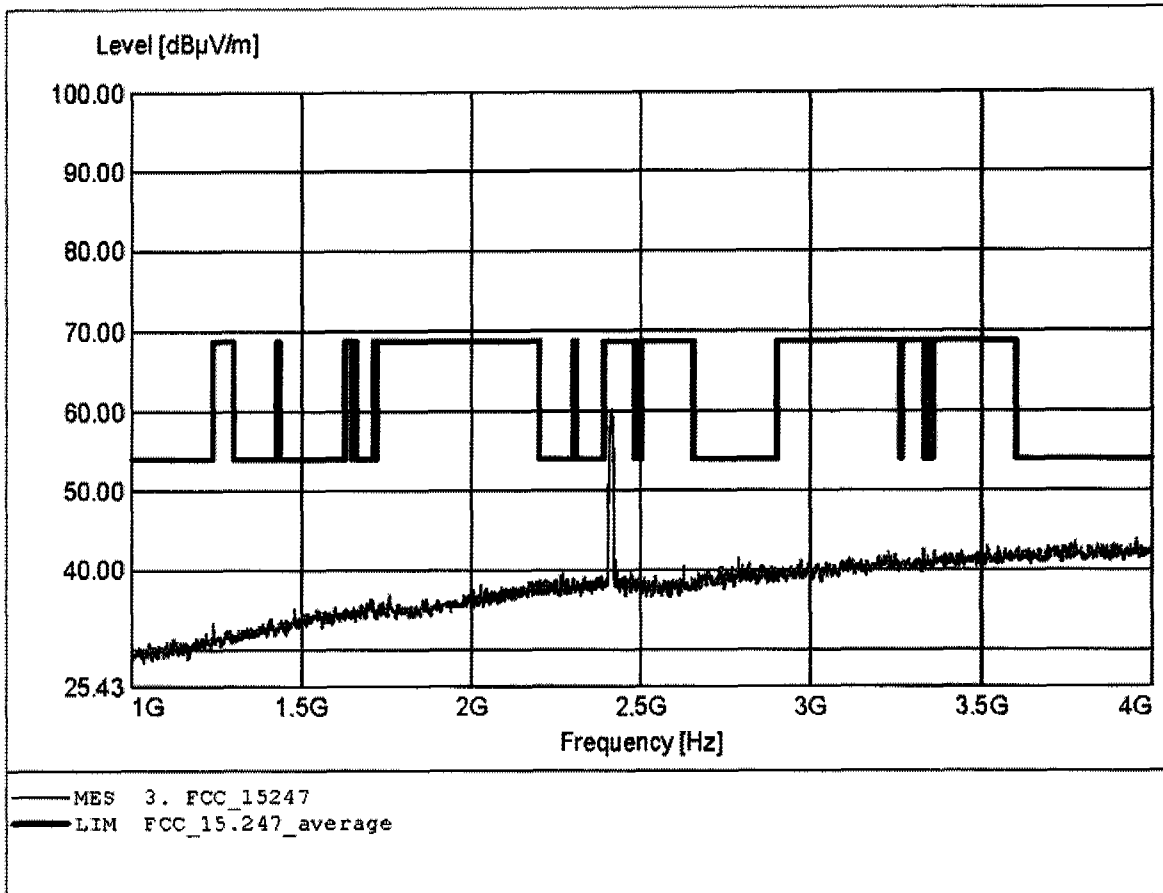
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.414GHZ, Emax: 64.16dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

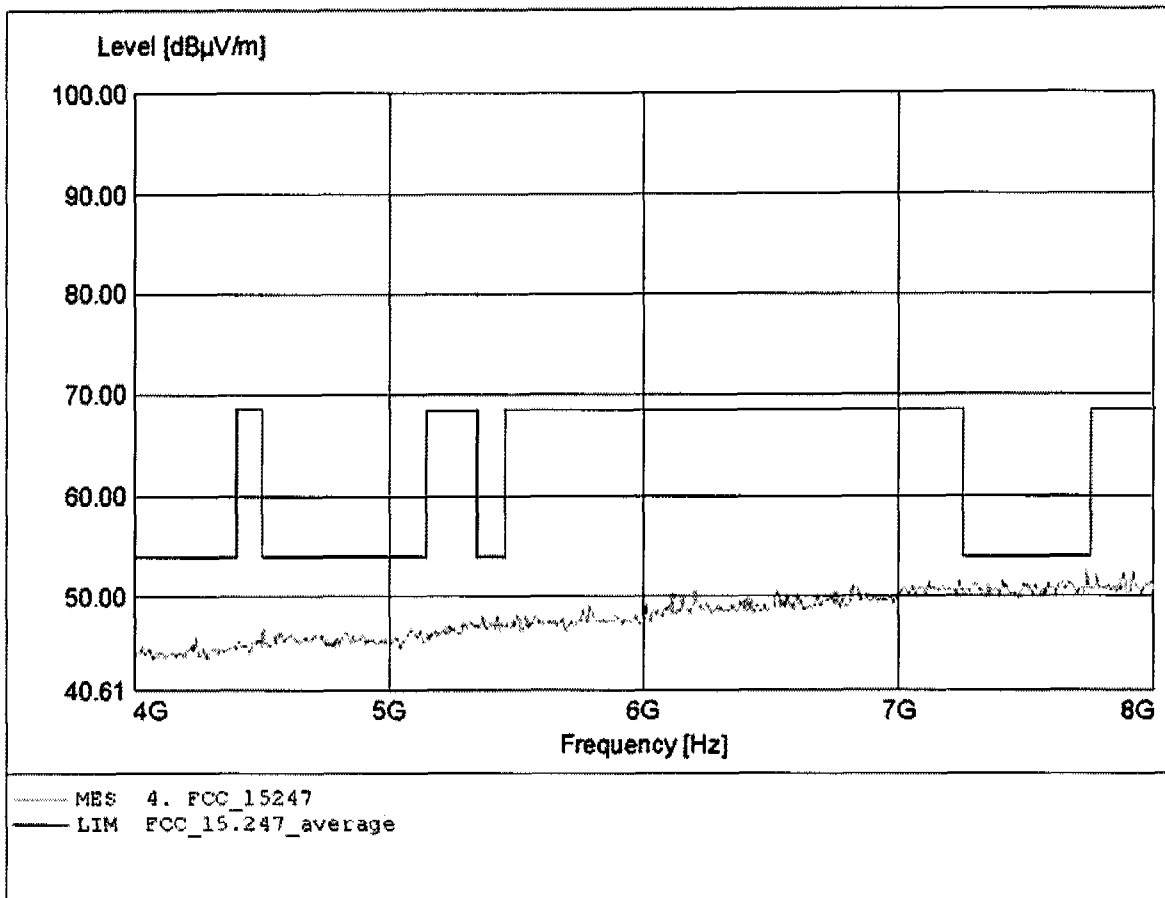
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.414GHz, Emax: 60.15dBµV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.735GHz, Emax: 52.76dBµV/m, RBW: 1MHz

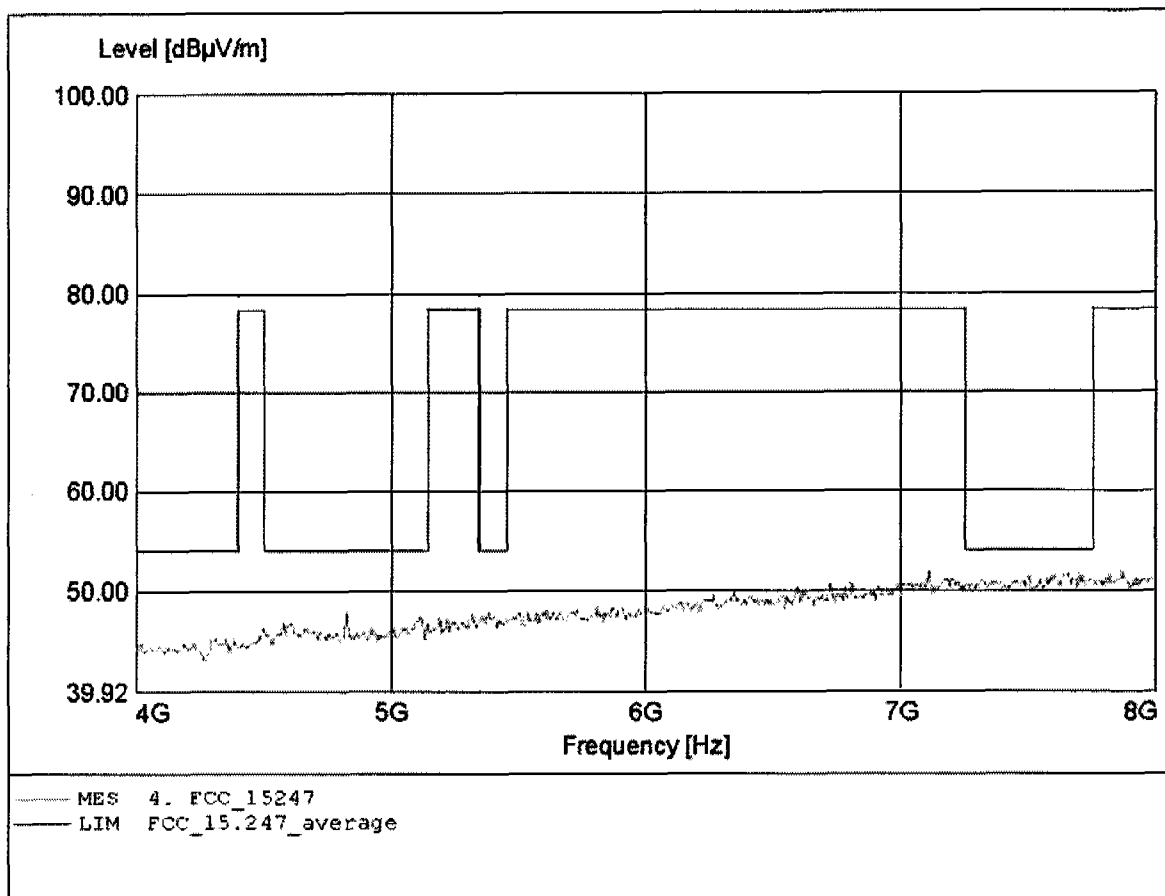




# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

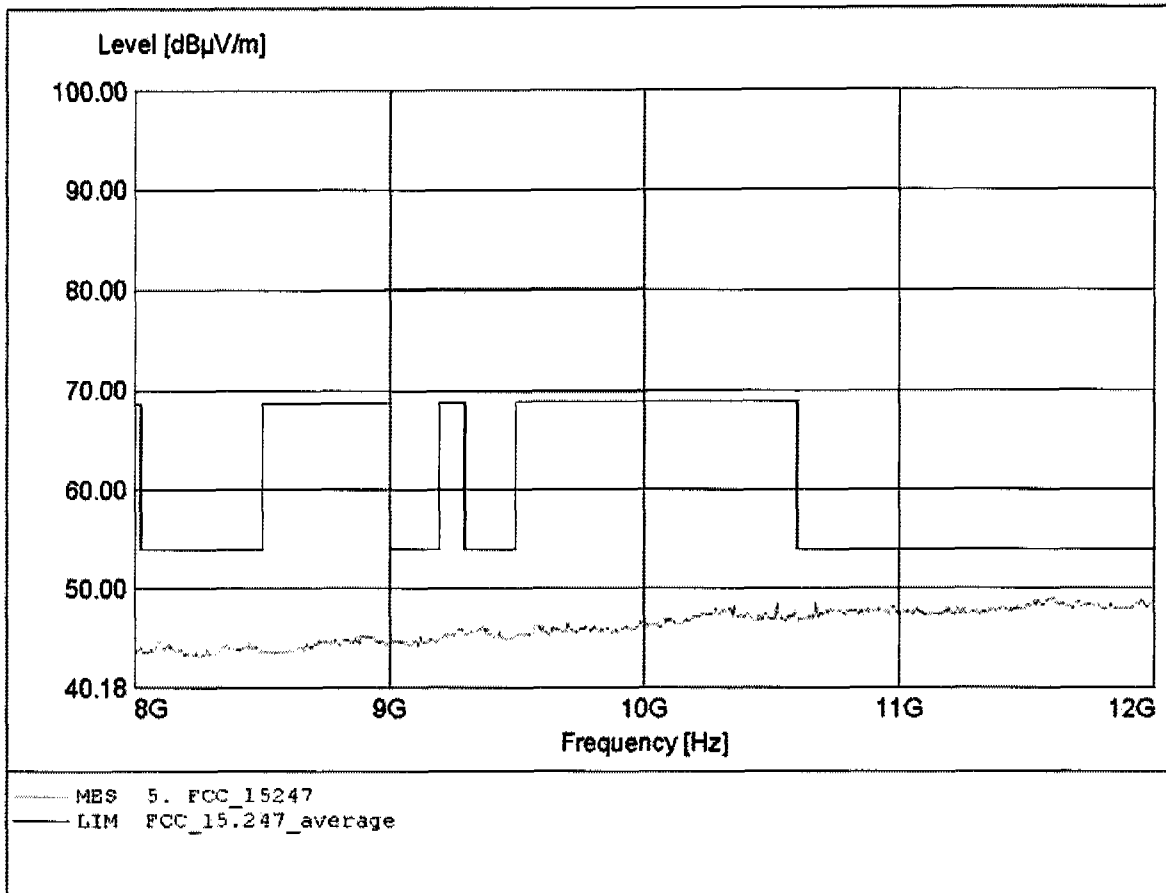
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.864GHz, Emax: 52.15dBµV/m, REW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

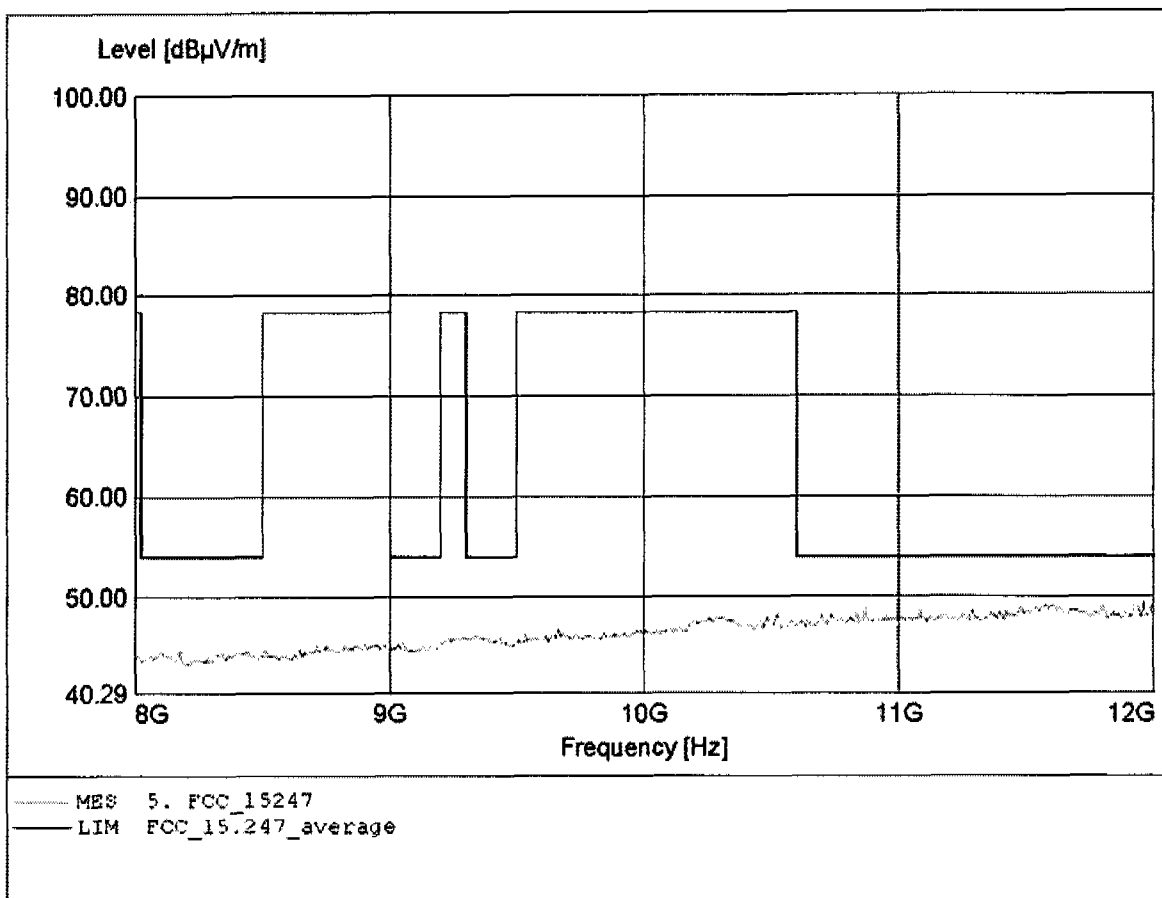
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.591GHz, Emax: 49.07dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

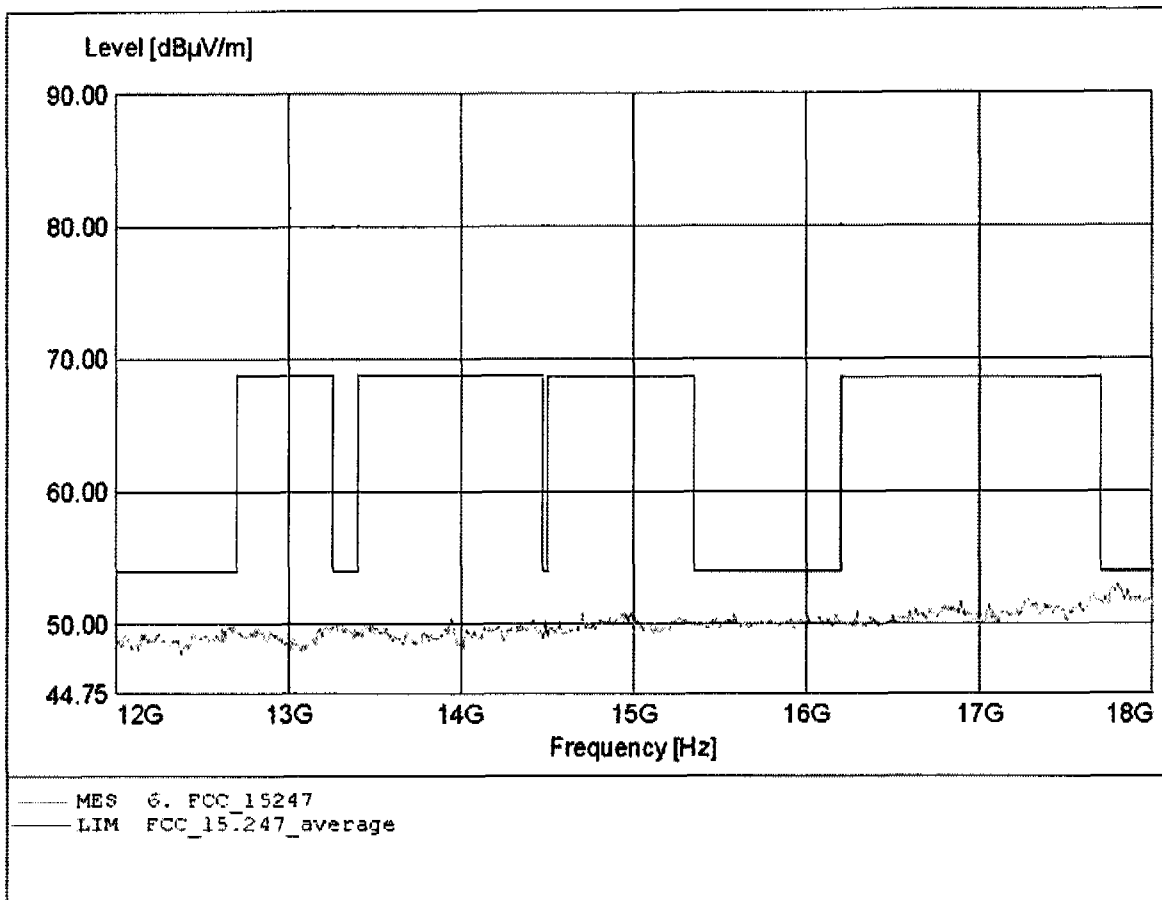
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.960GHz, Emax: 49.39dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

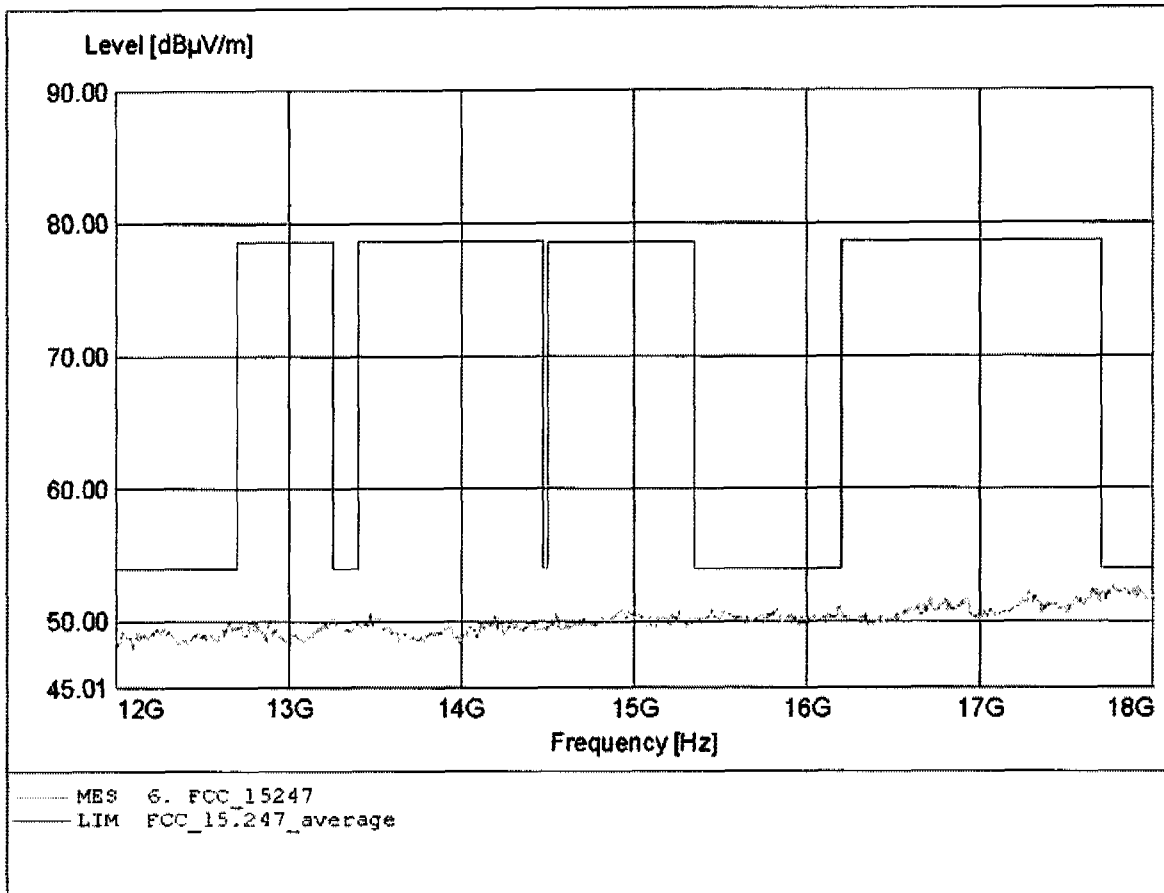
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Uncom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.796GHz, Emax: 53.01dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

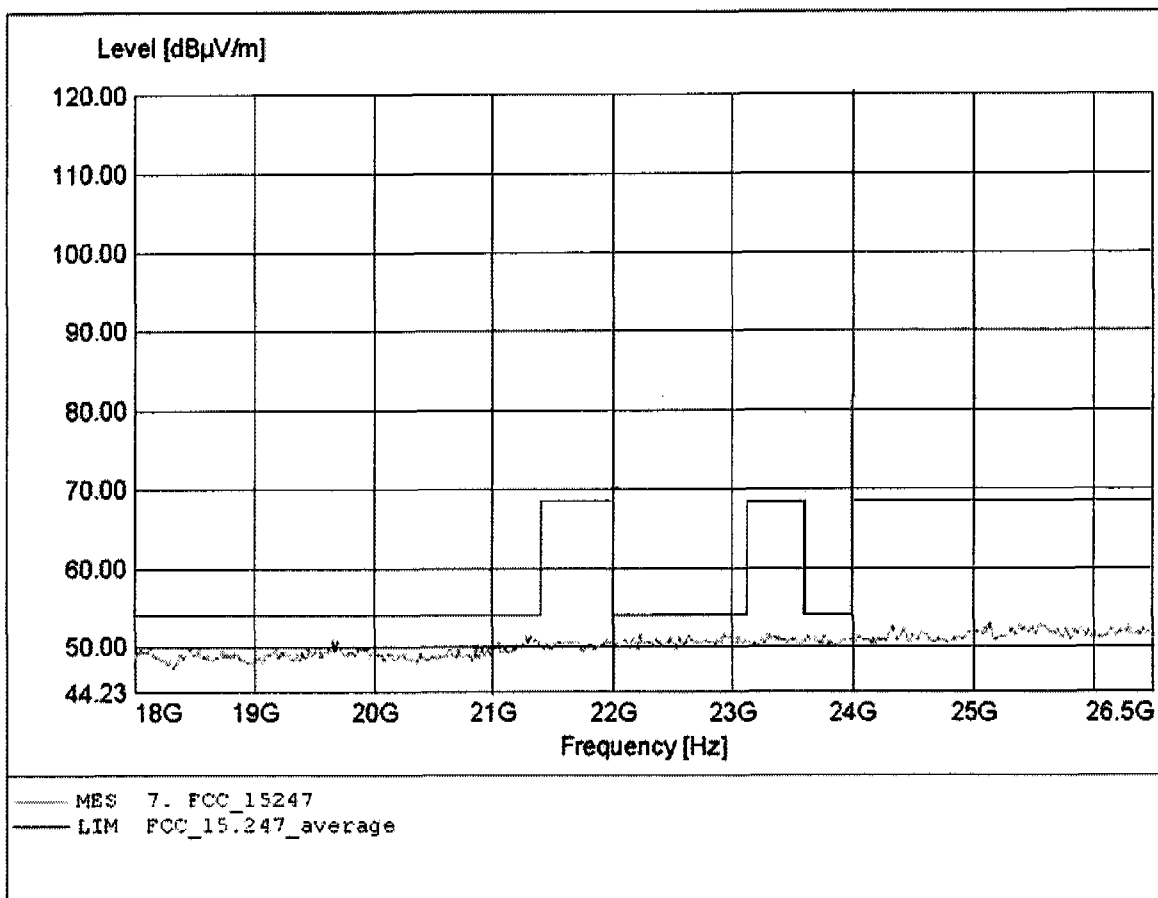
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.772GHz, Emax: 52.71dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

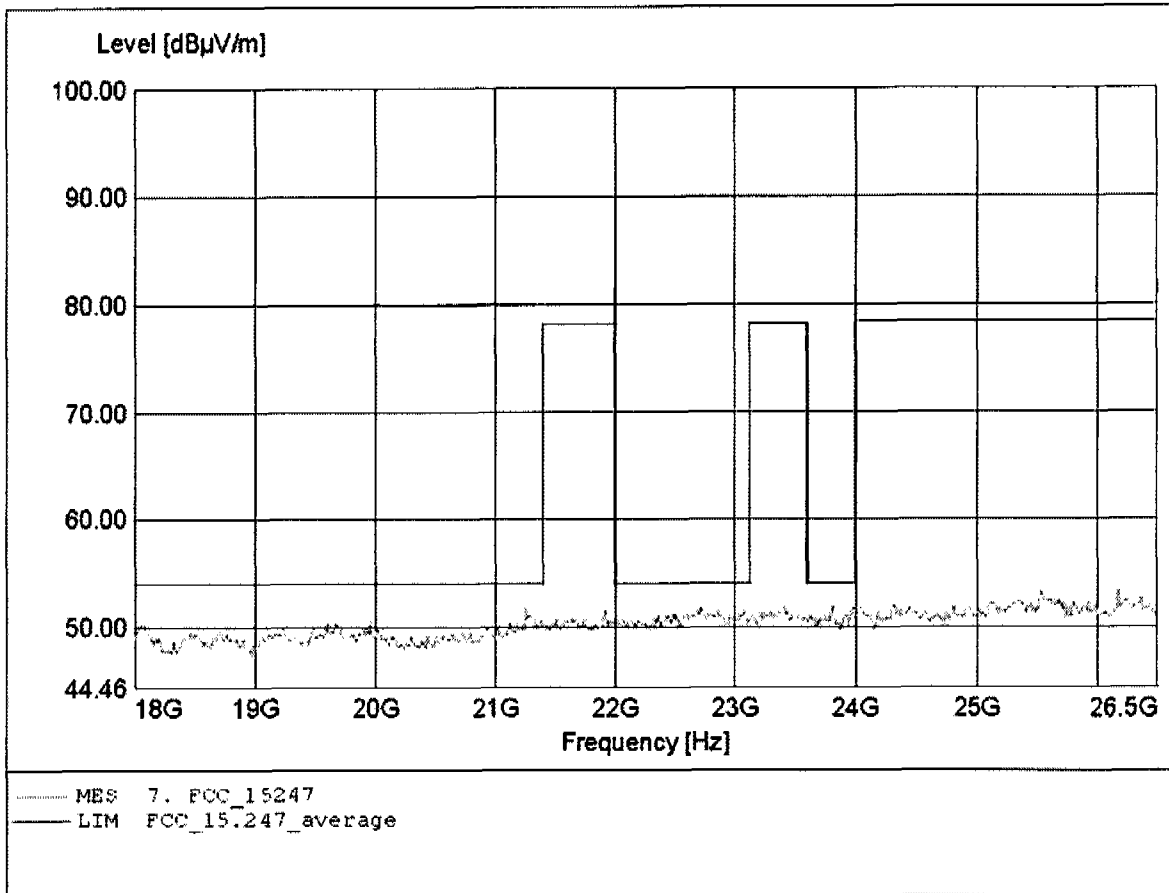
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.137GHz, Emax: 53.04dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

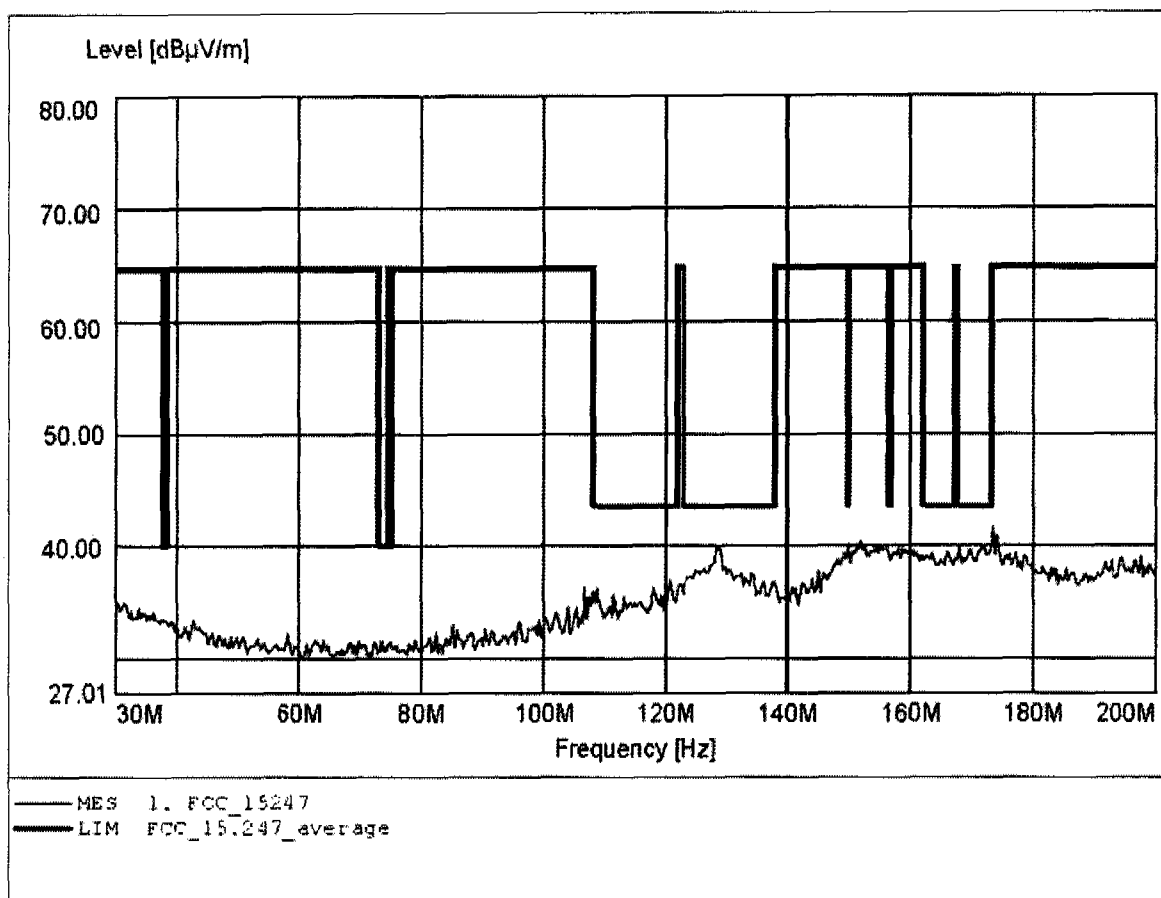
EUT: AP 11B CH1  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 26.176GHz, Emax: 53.54dBµV/m, RBW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

EUT: AP 11B CH6  
MODEL NO.: APSIGA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 173.427MHz, Emax: 41.67dBµV/m, RBW: 100kHz

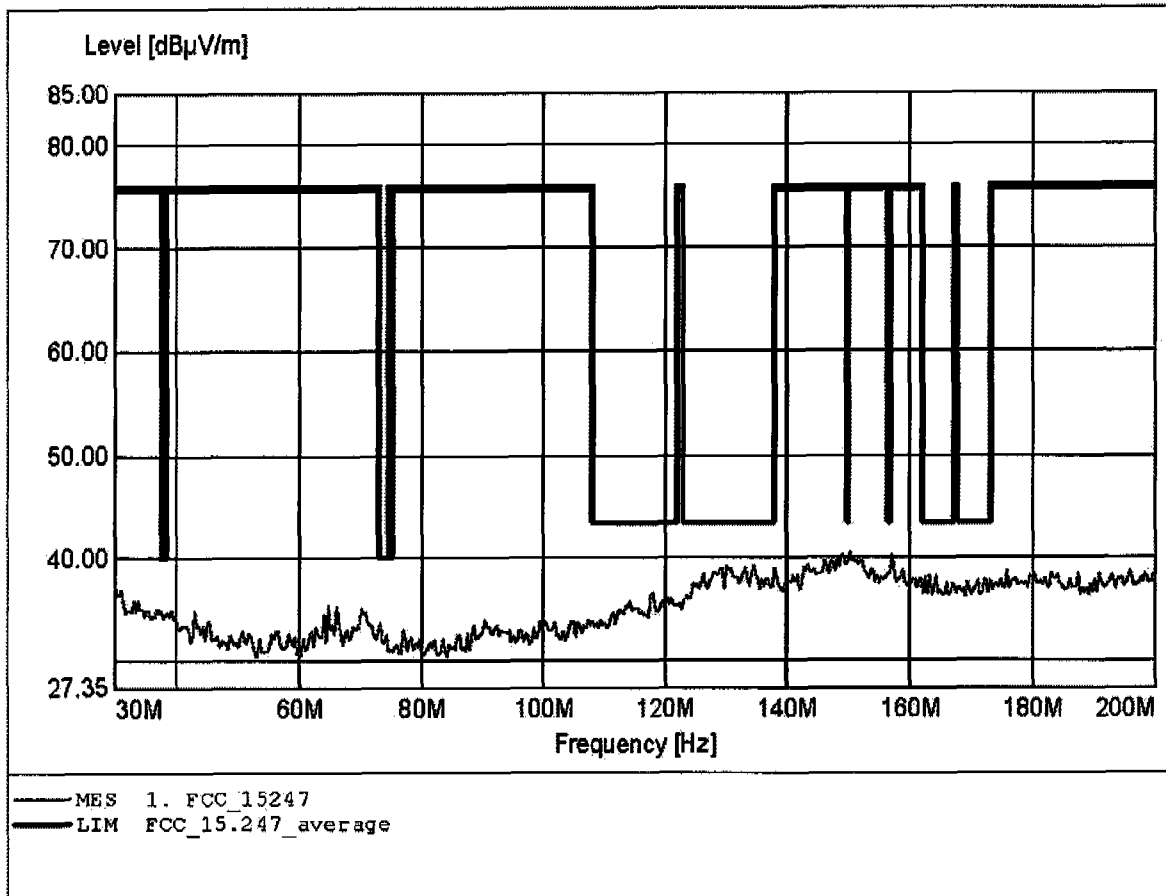




Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

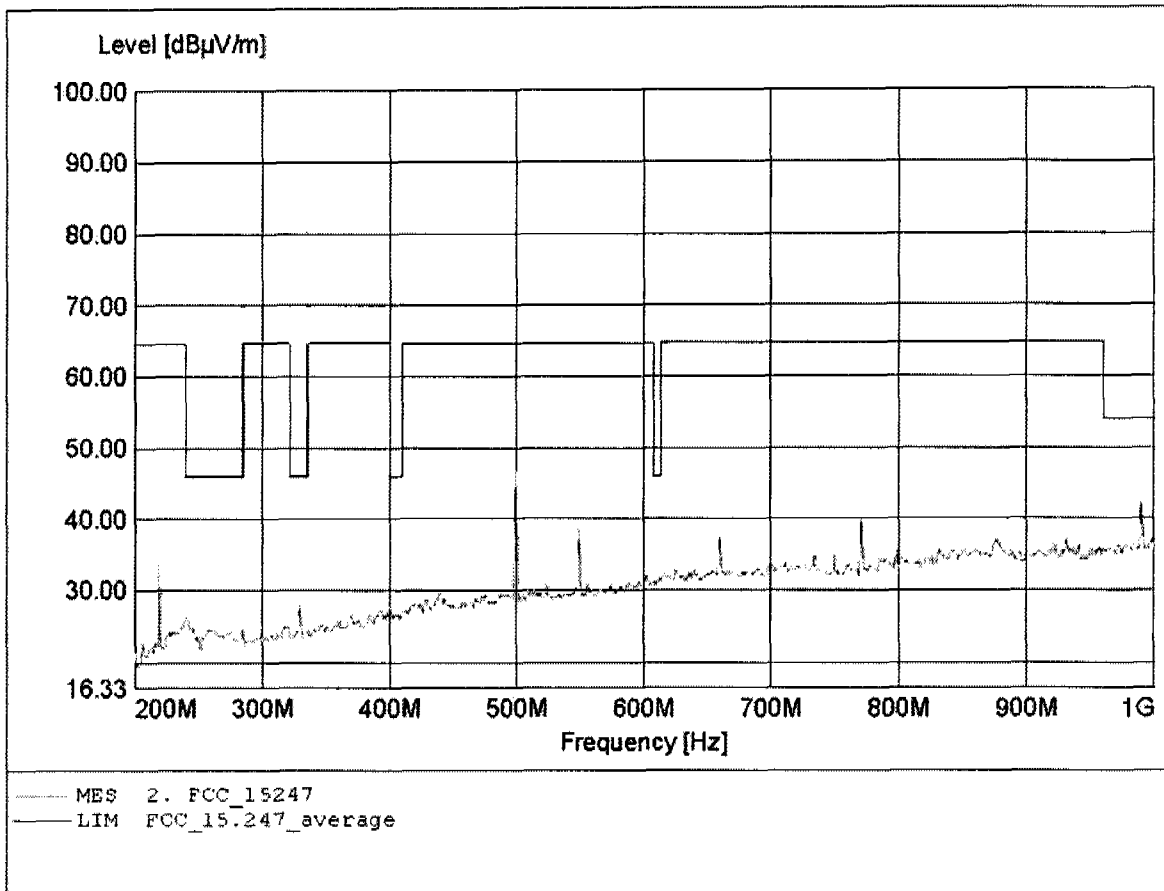
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to S15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 150.261MHz, Emax: 40.47dBuV/m, RBW: 100kHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

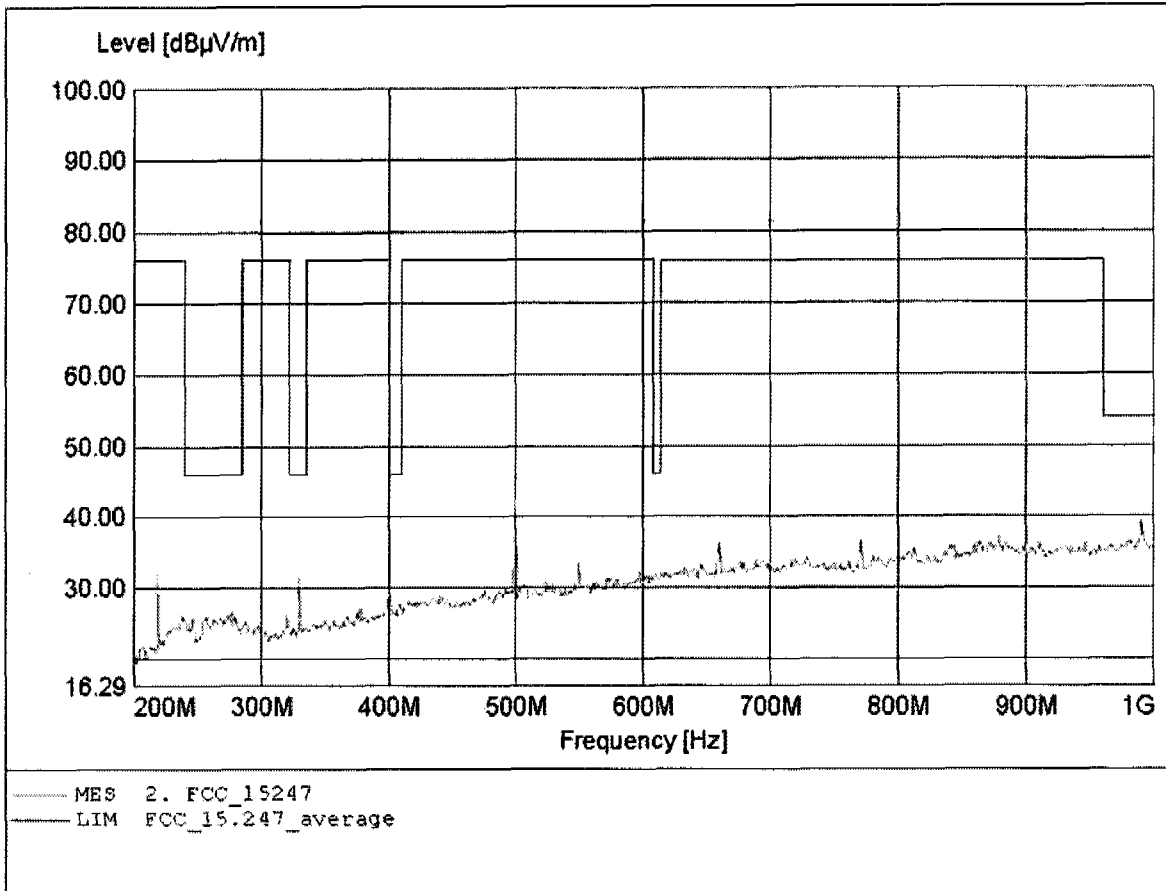
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 499.800MHz, Emax: 46.75dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

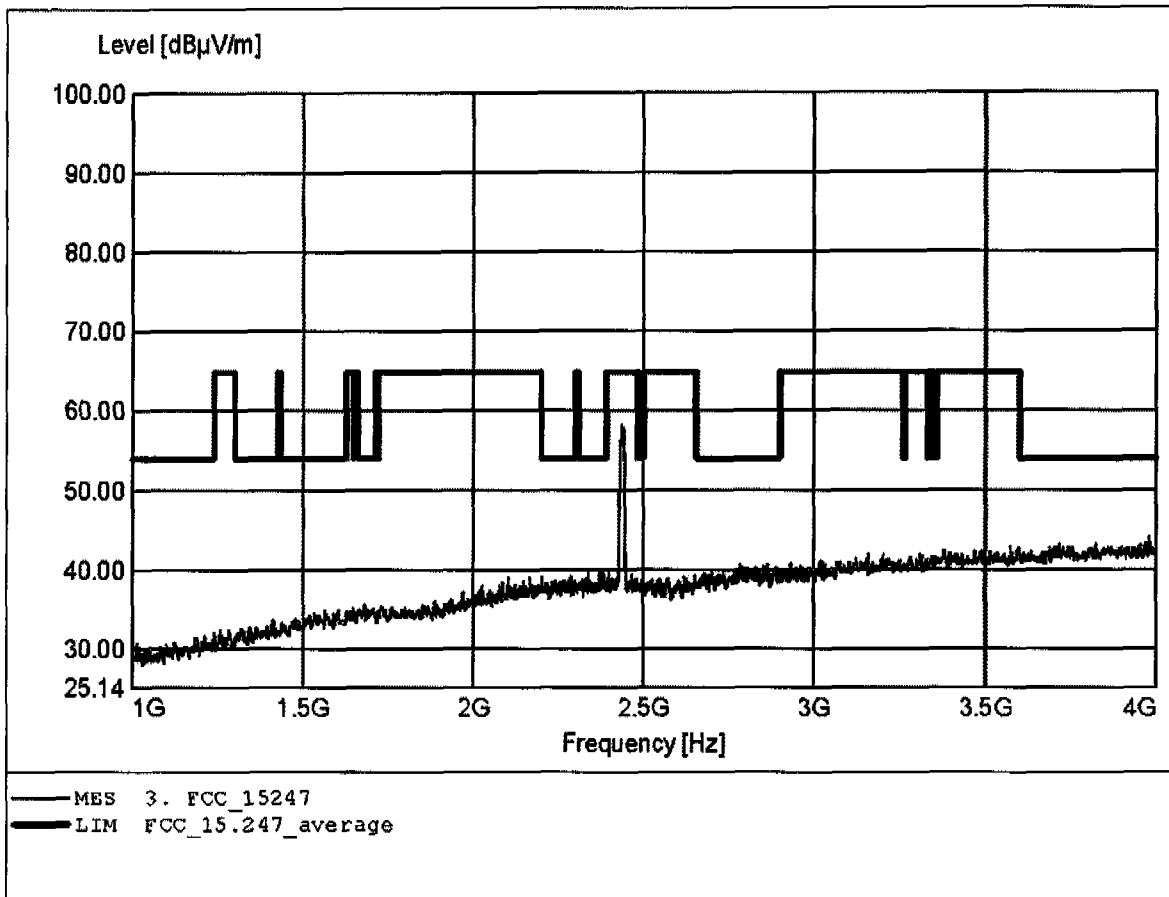
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 499.800MHz, Emax: 42.63dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

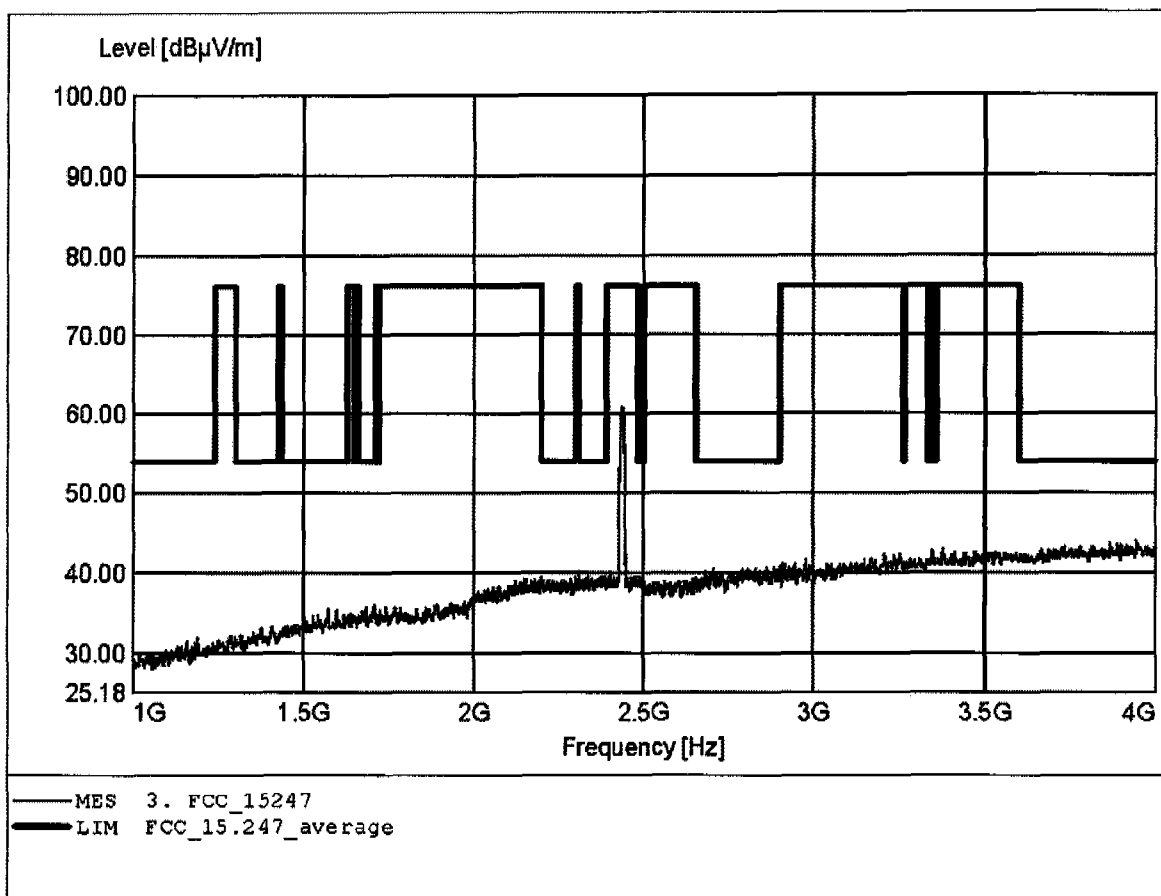
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.436GHz, Emax: 58.12dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

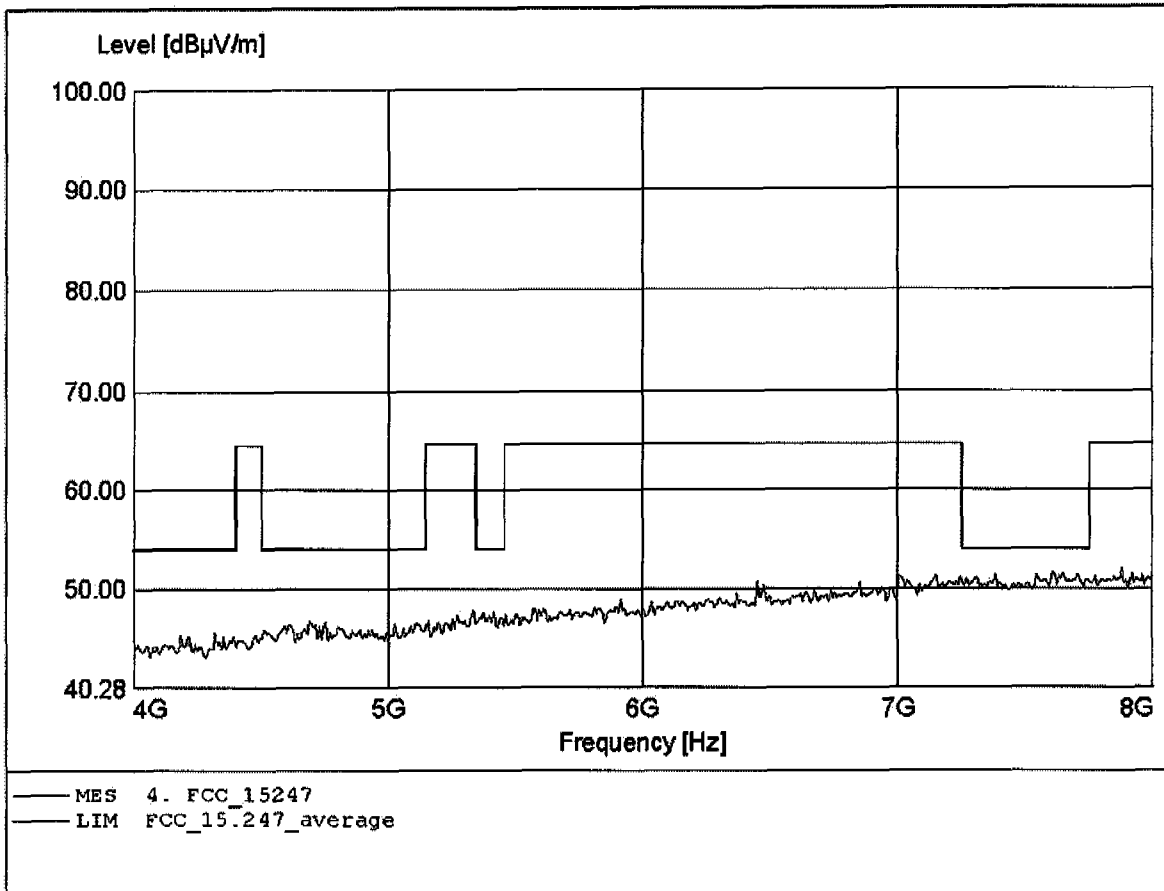
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.436GHz, Emax: 60.86dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

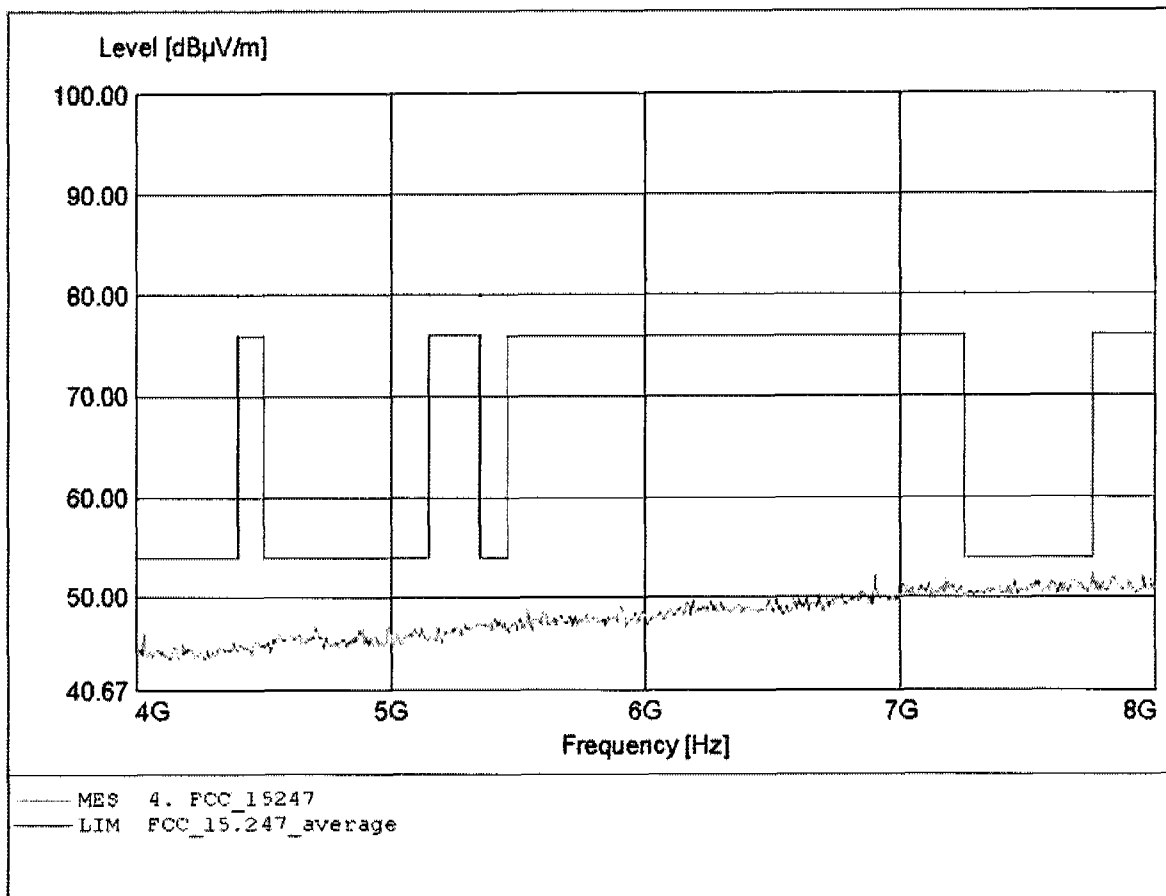
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.860GHz, Emax: 52.05dBµV/m, REW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

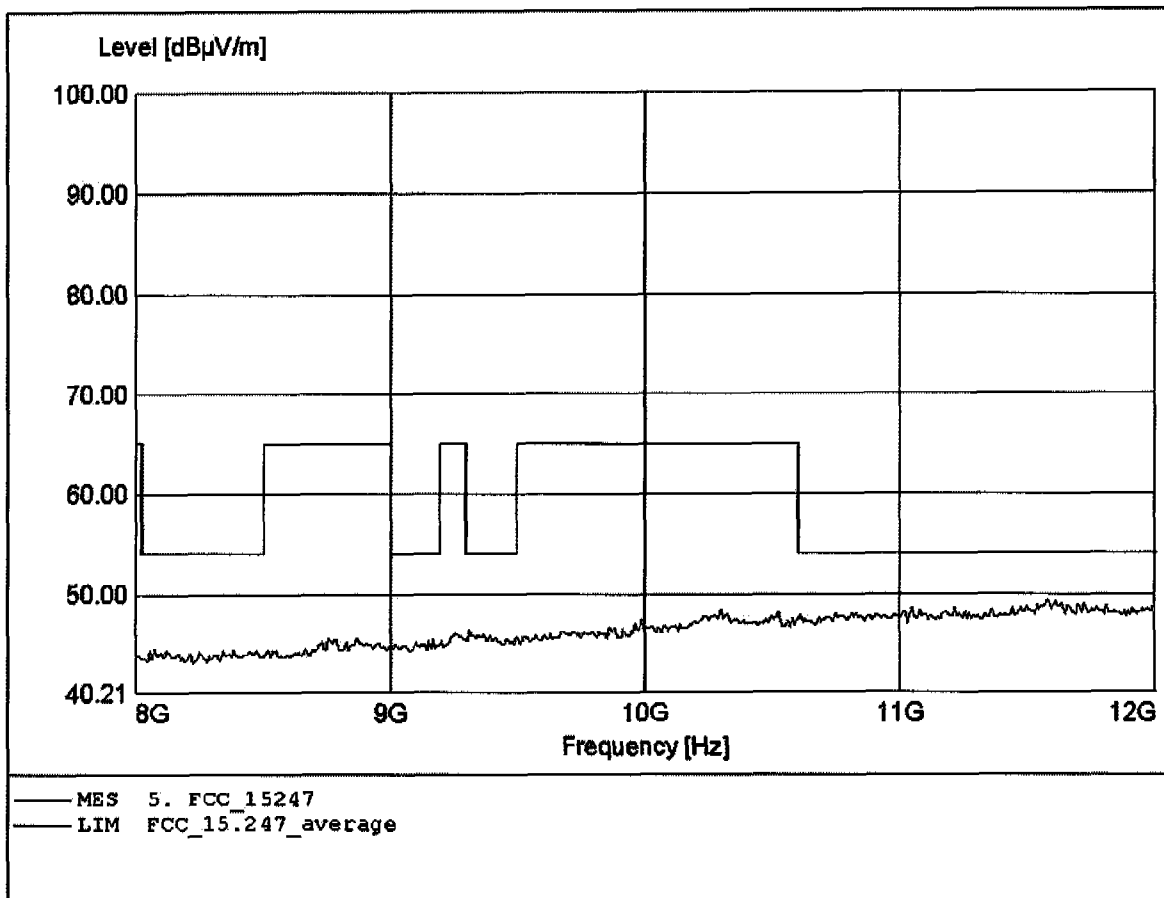
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.752GHz, Emax: 52.46dBuV/m, REW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.575GHz, Emax: 49.32dBµV/m, REW: 1MHz

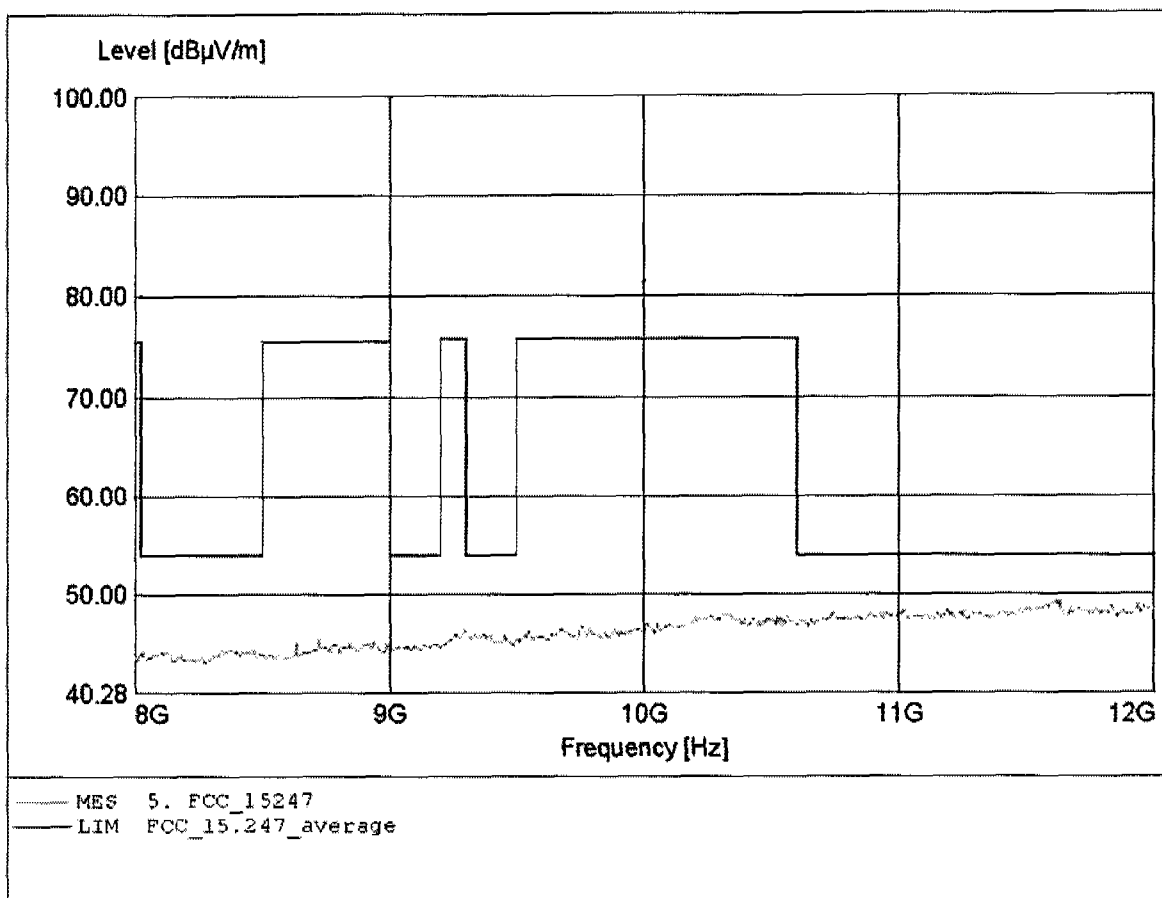




**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

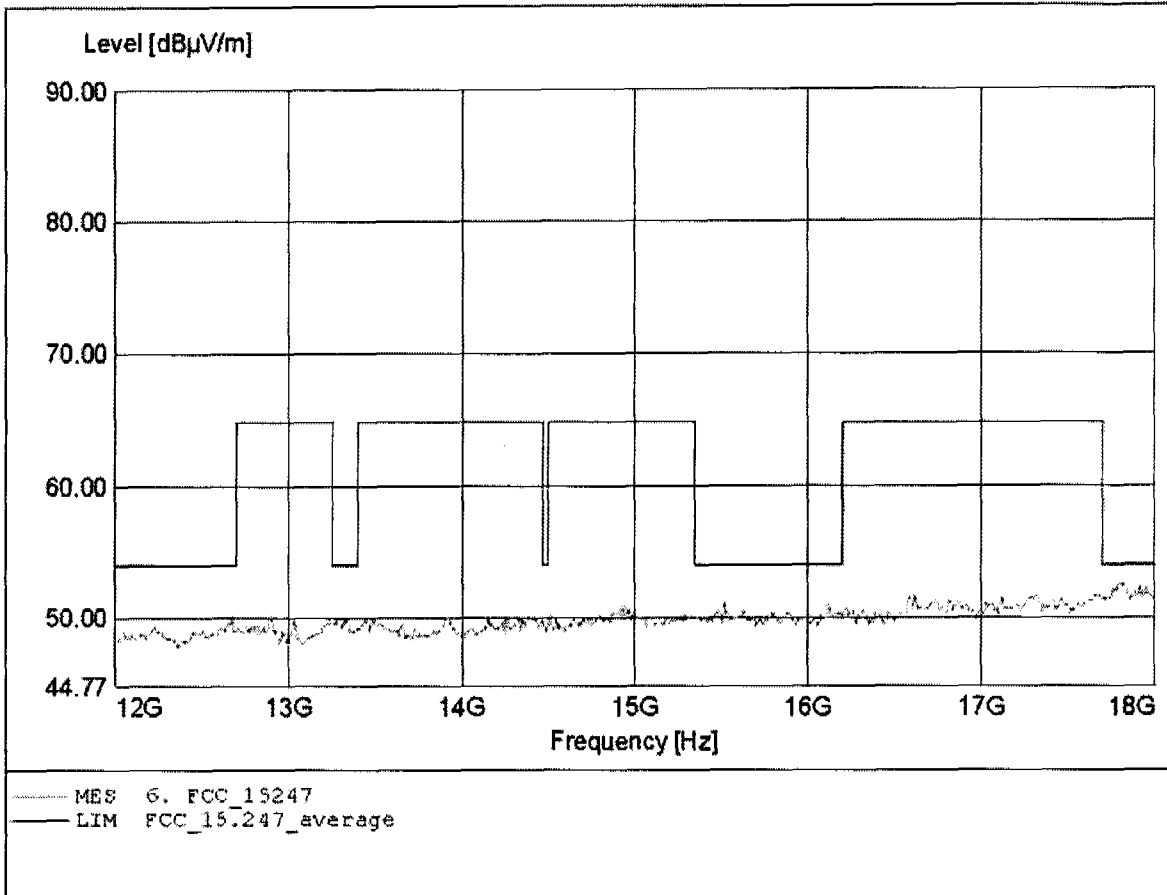
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.631GHz, Emax: 49.56dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

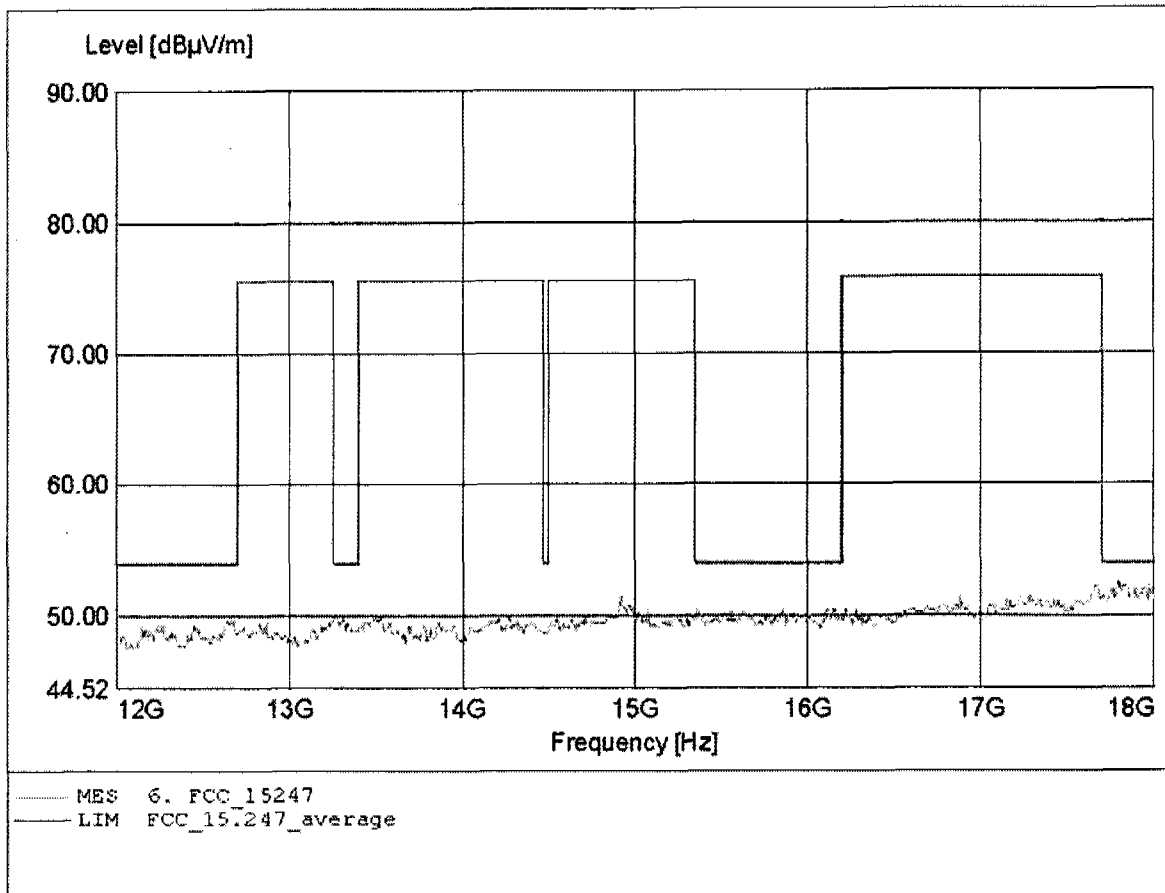
EUT: AP 11B CH6  
MODEL NO.: AF51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.820GHZ, Emax: 52.68dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

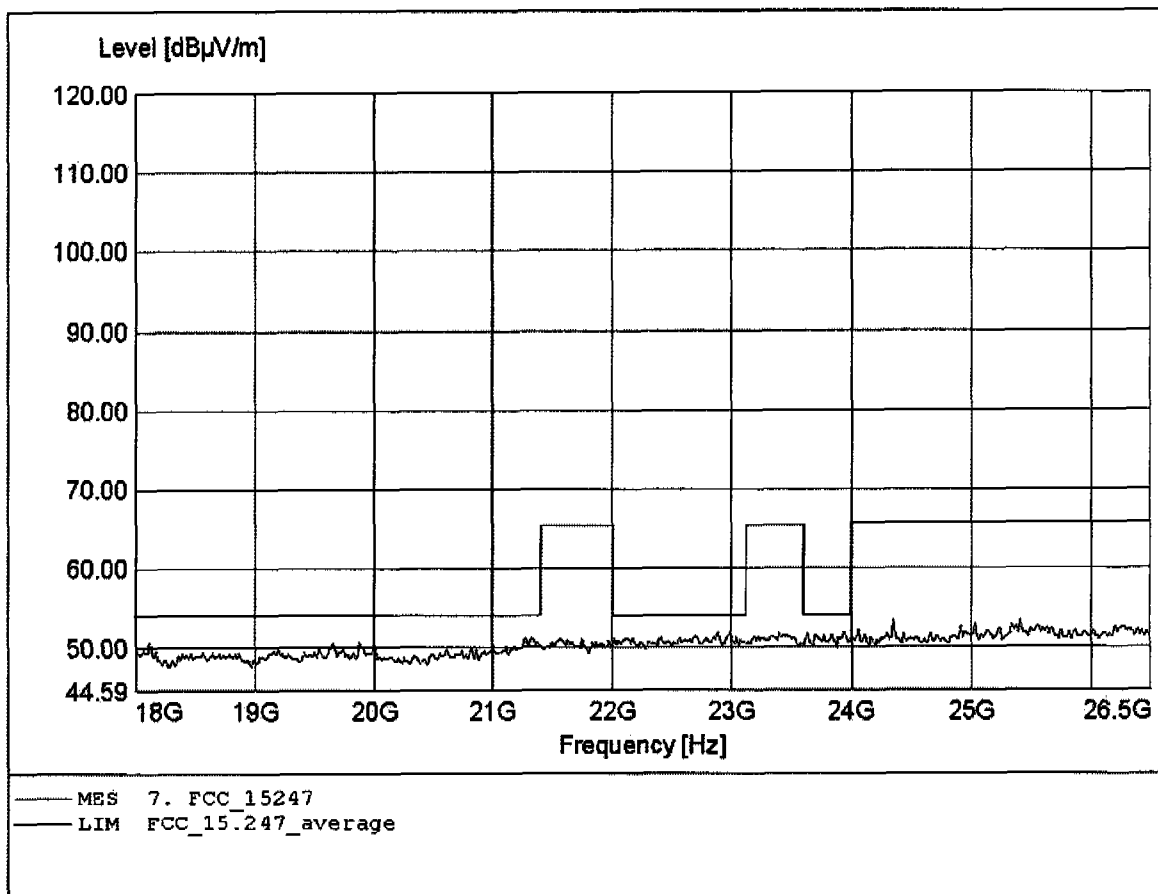
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.796GHz, Emax: 52.60dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

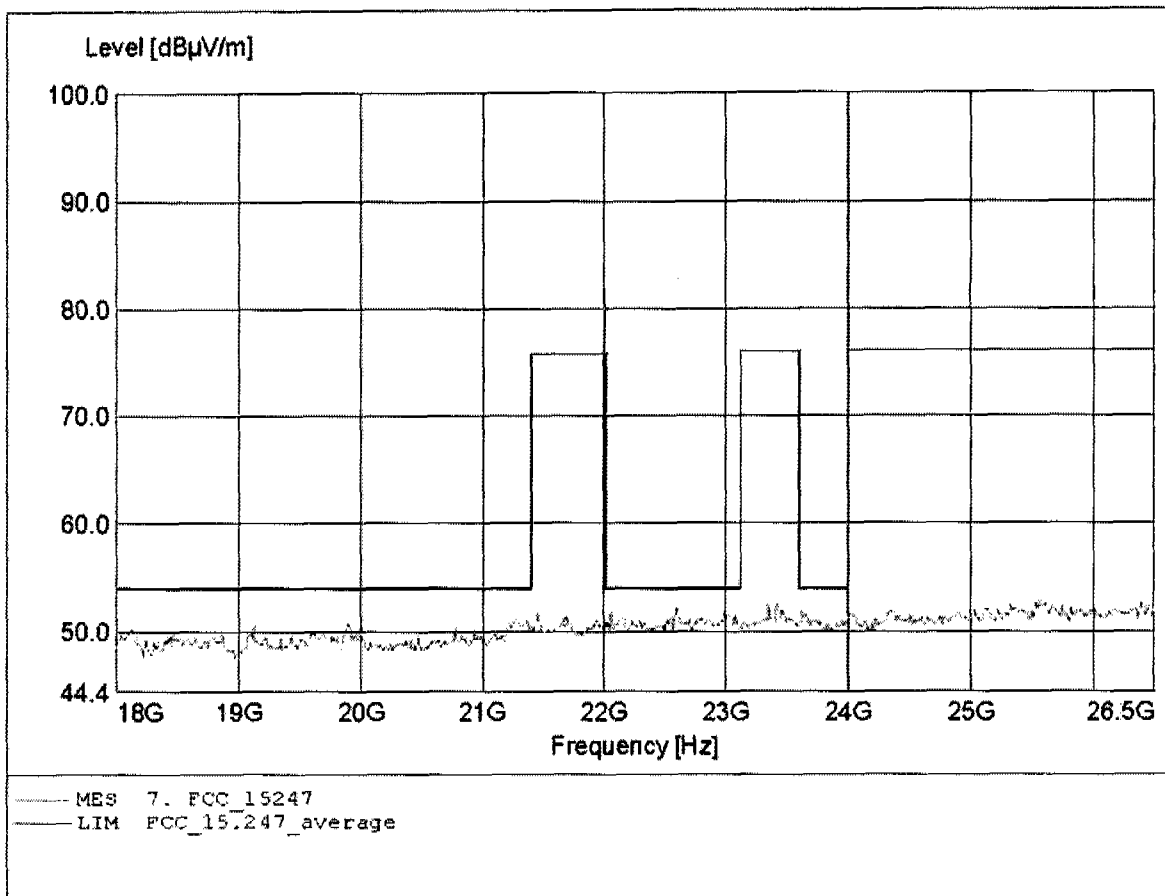
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.410GHz, Emax: 53.42dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

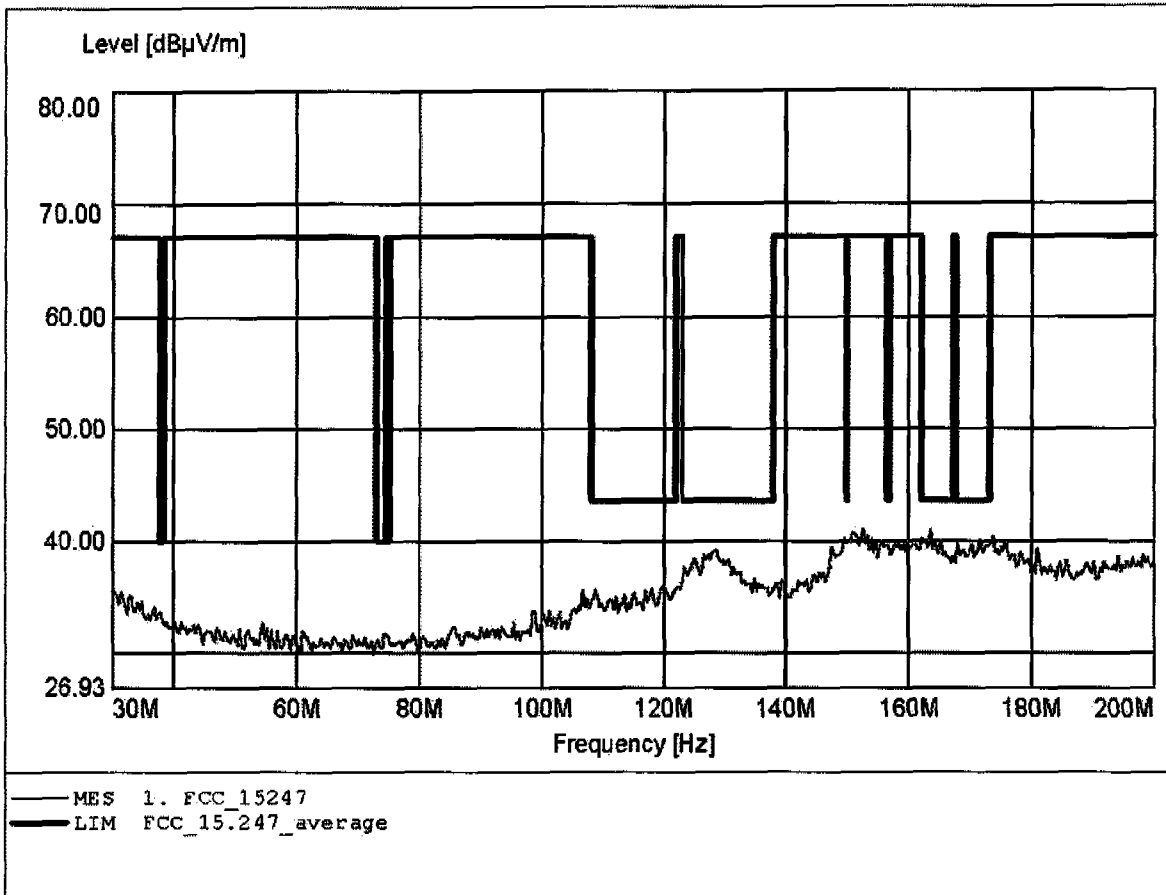
EUT: AP 11B CH6  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.563GHz, Emax: 52.89dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

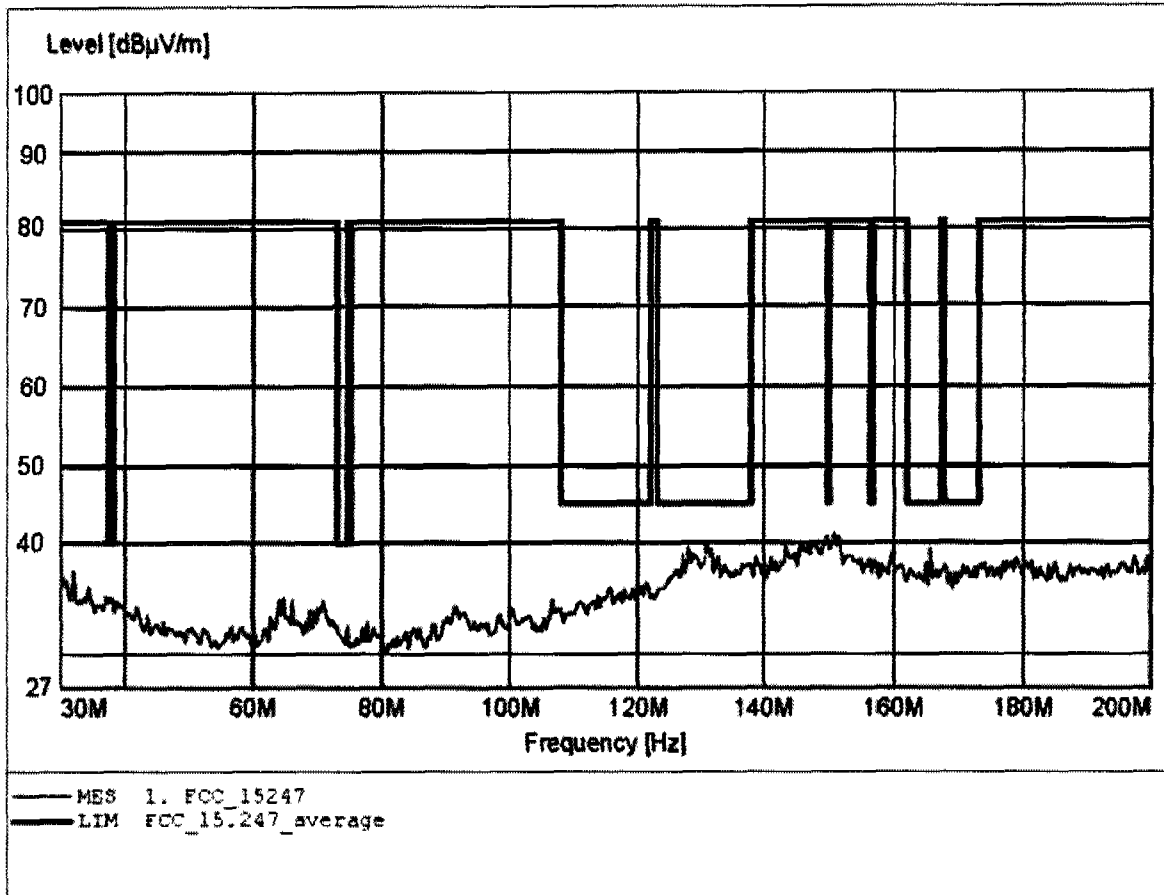
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 163.547MHz, Emax: 41.01dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

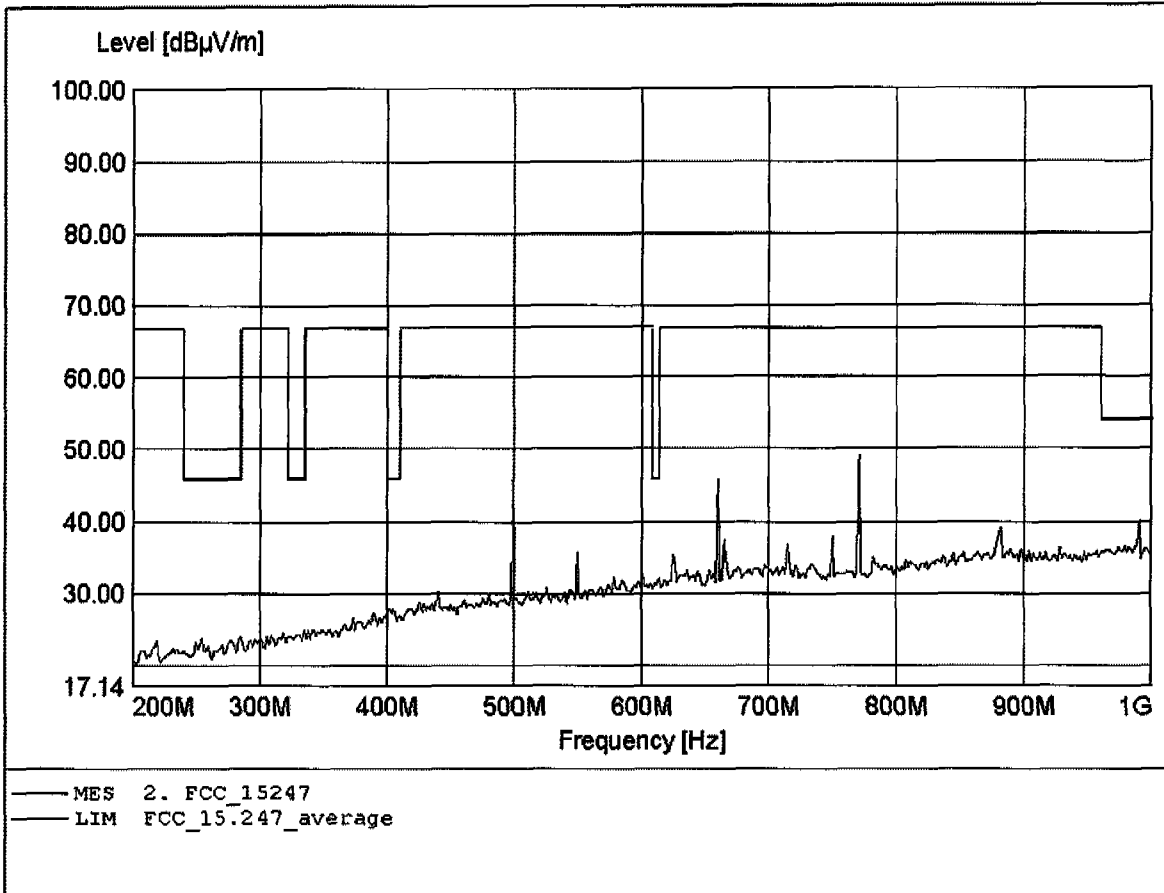
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE FENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to §15.247  
Comment 1: Dist.: 3m, Ant.: HK 116  
Freq: 150.942MHz, Emax: 40.75dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 770.741MHz, Emax: 49.07dBµV/m, RBW: 100kHz

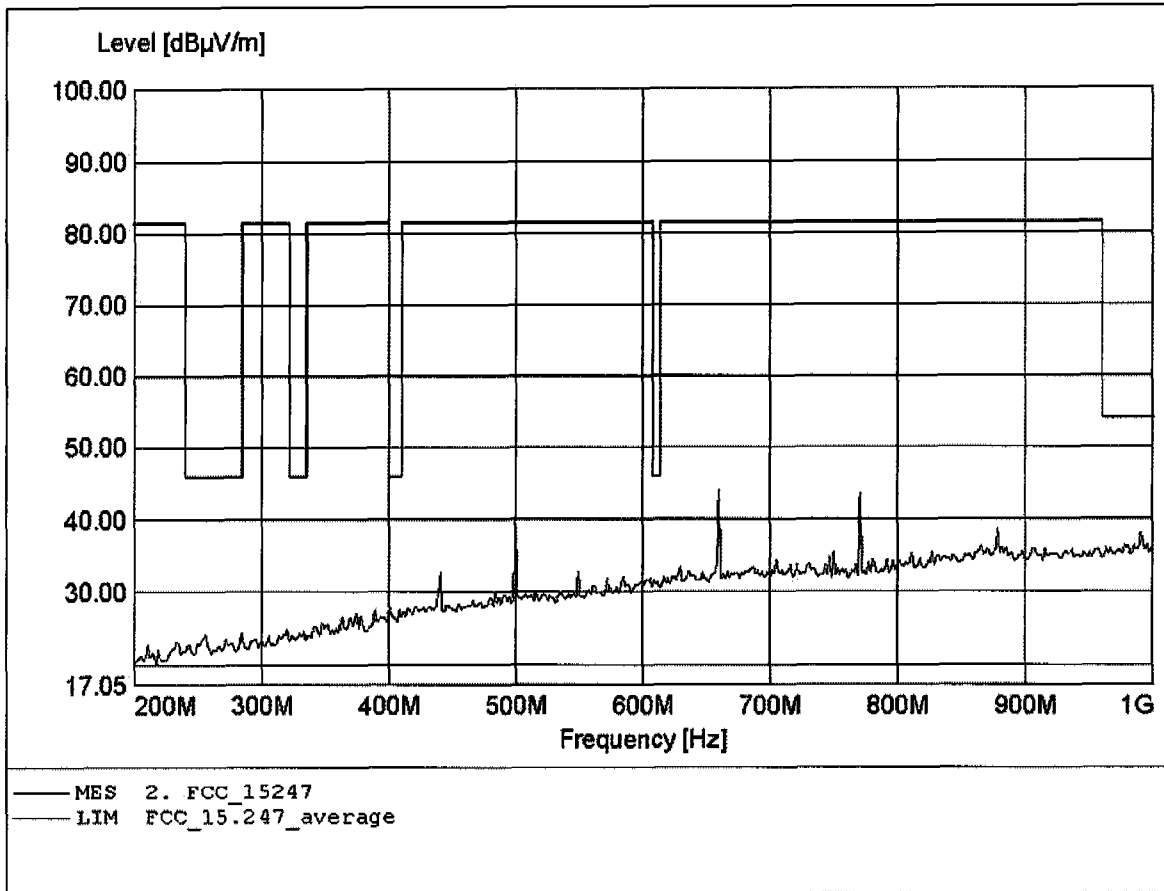




**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

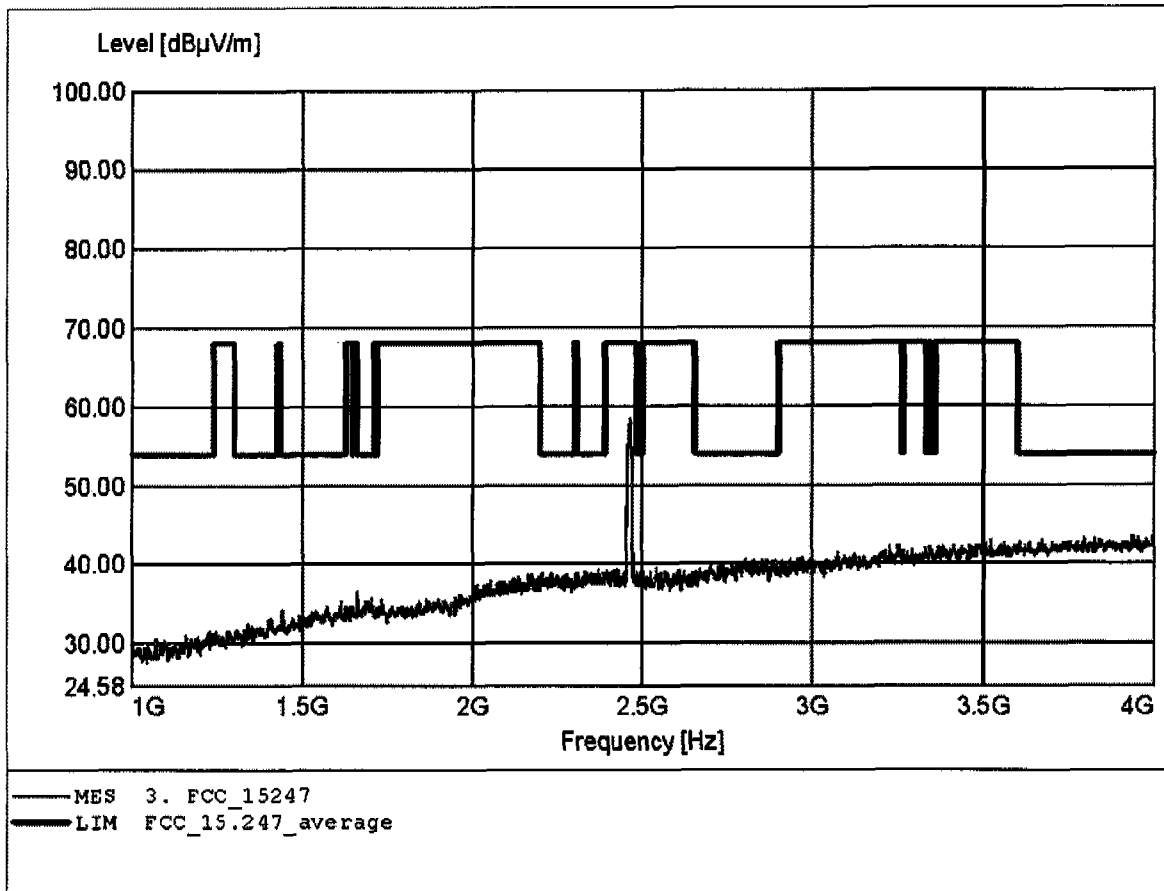
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL 223,  
Freq: 660.120MHz, Emax: 44.05dBµV/m, RBW: 100kHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

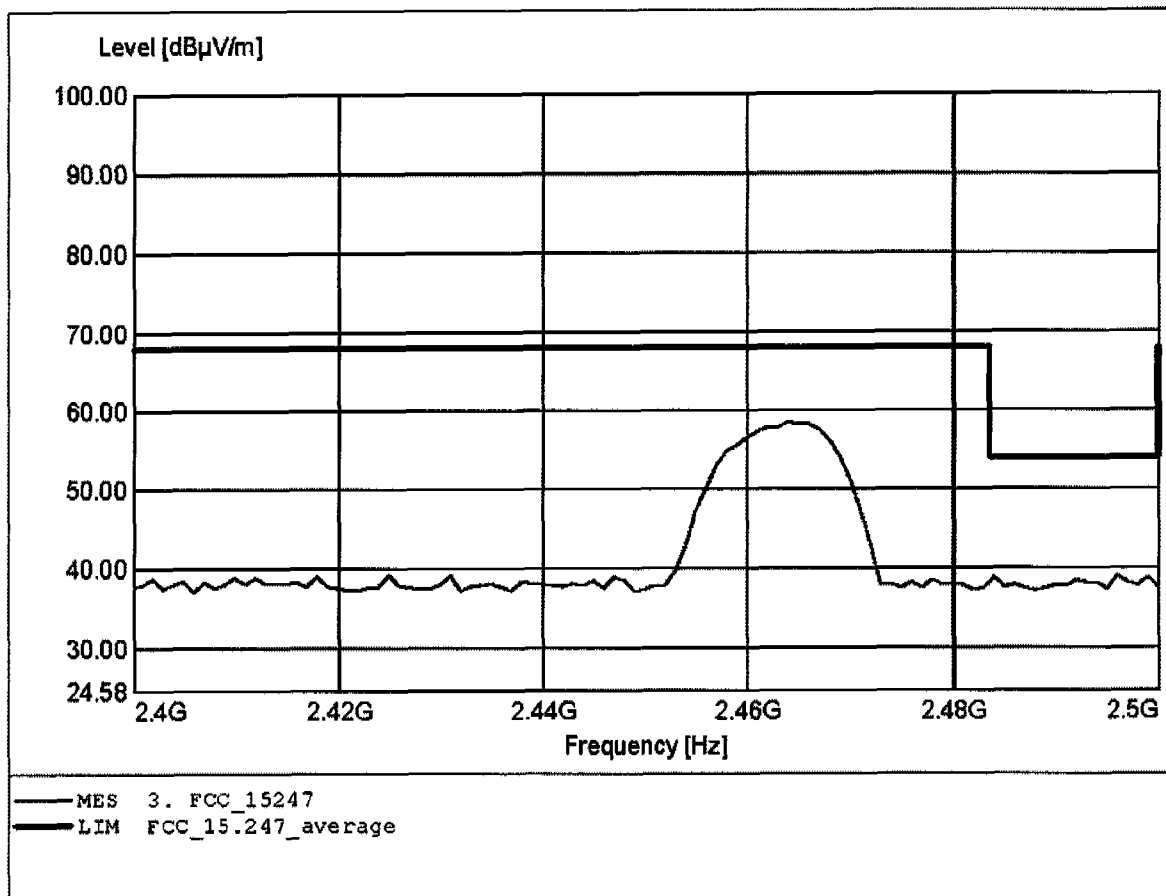
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.464GHz, Emax: 58.50dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

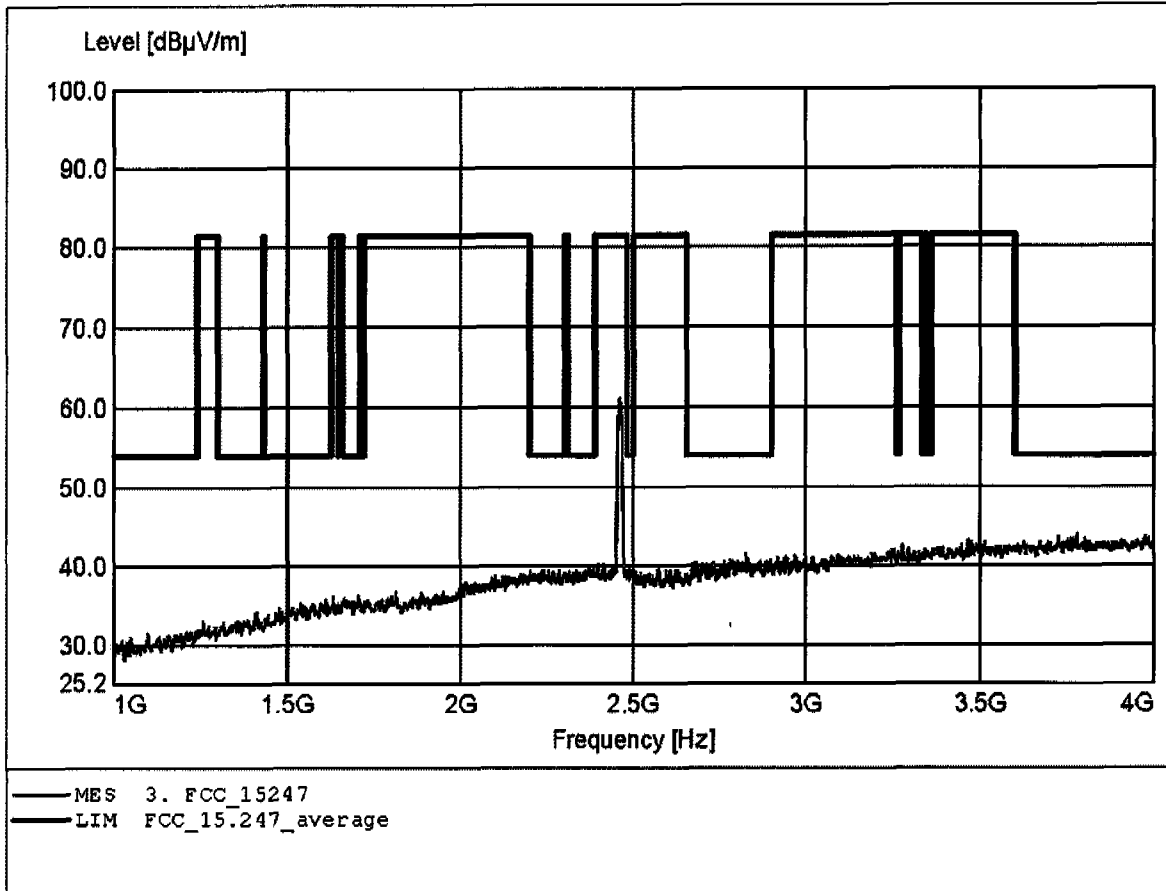
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.464GHz, Emax: 58.50dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

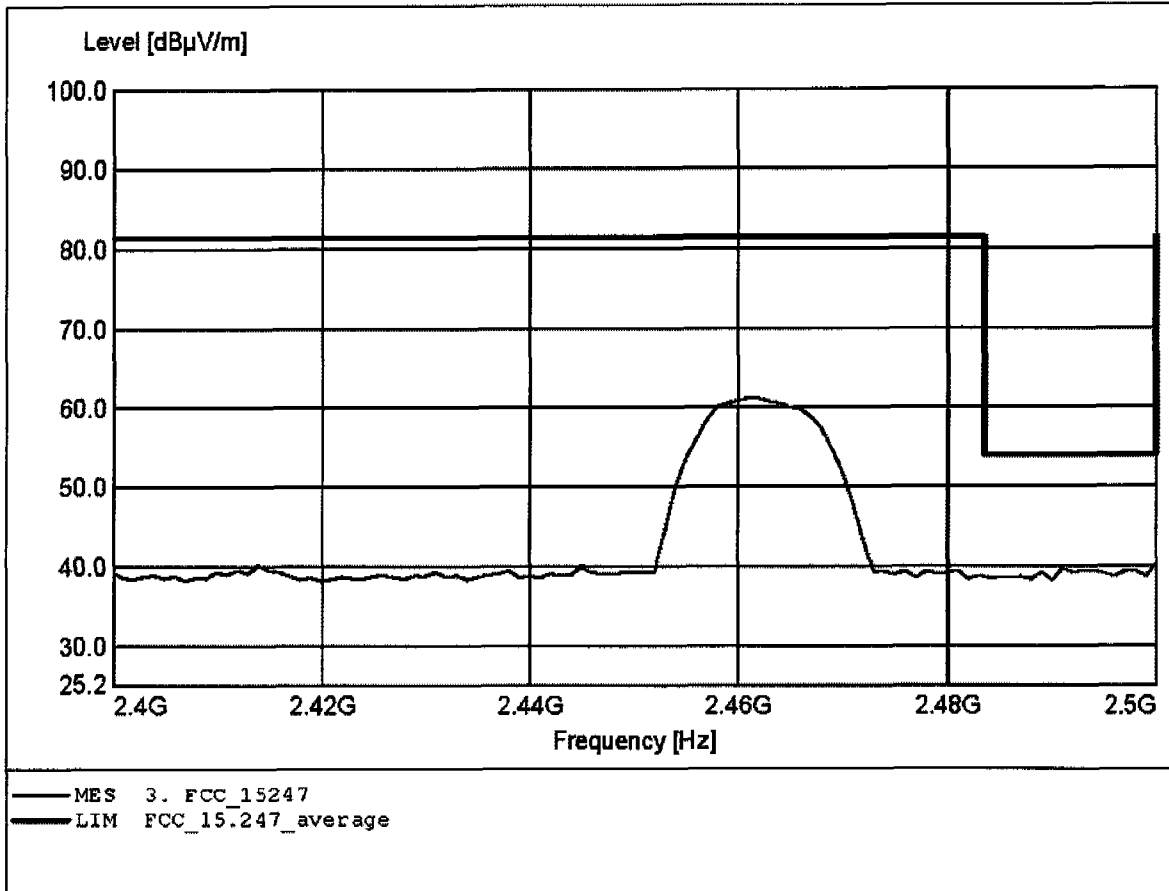
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.461GHz, Emax: 61.16dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

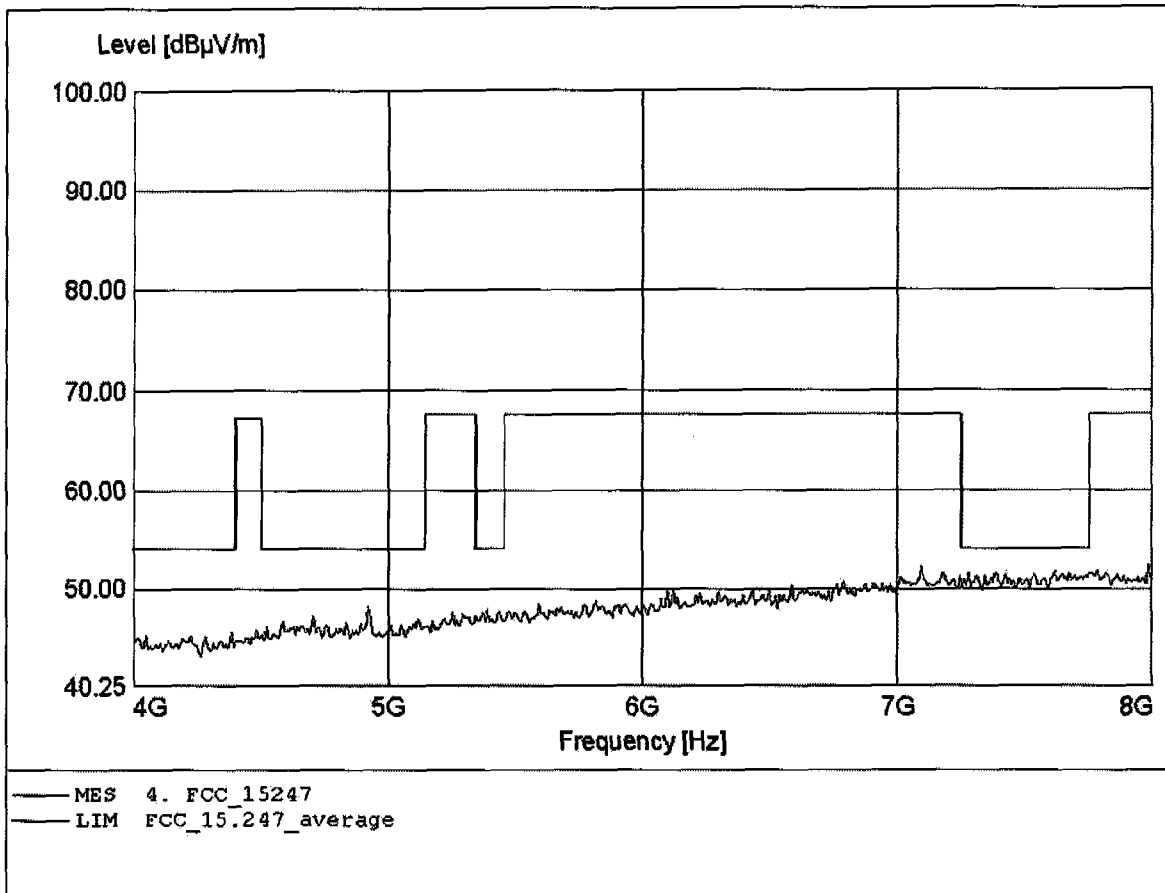
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120 VAC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 2.461GHZ, Emax: 61.16dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

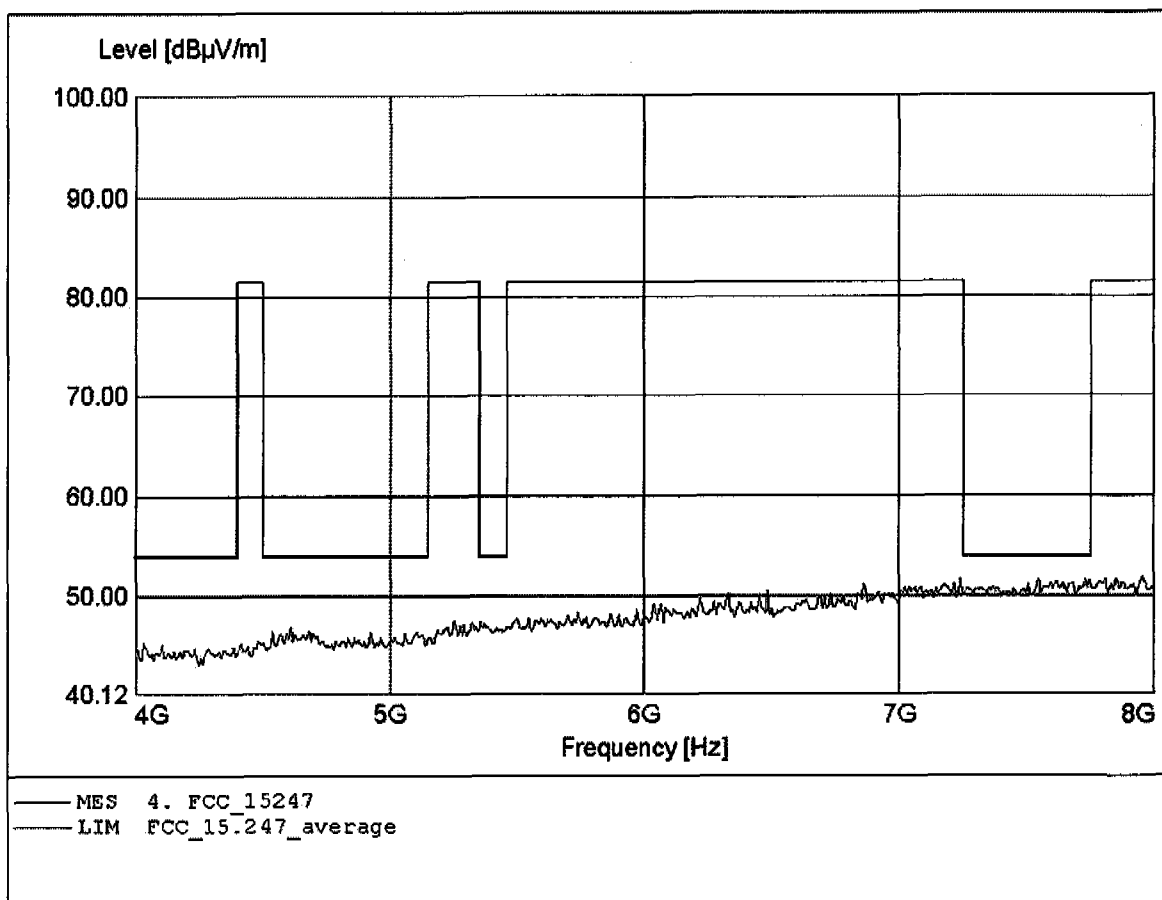
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.984GHz, Emax: 52.41dBµV/m, REW: 1MHZ



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

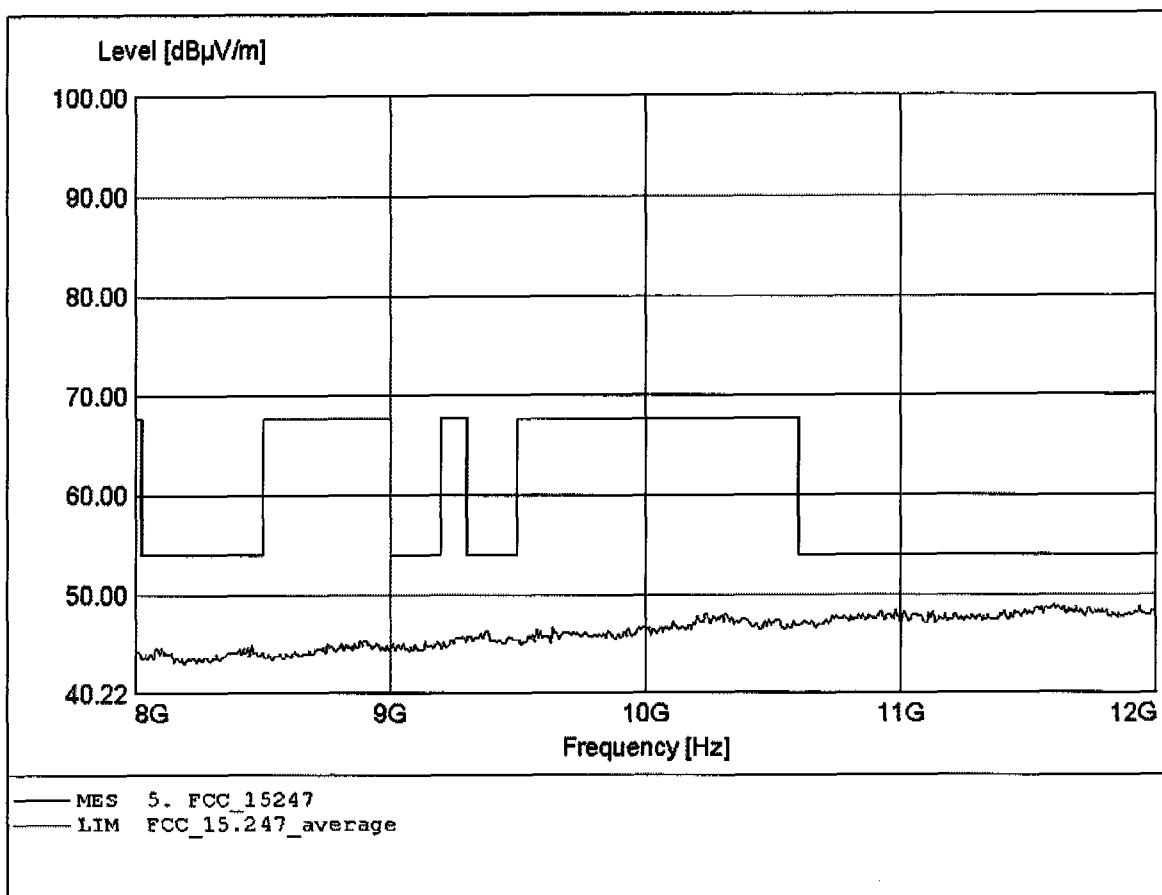
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 7.952GHz, Emax: 51.88dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.599GHz, Emax: 48.95dBµV/m, RBW: 1MHz

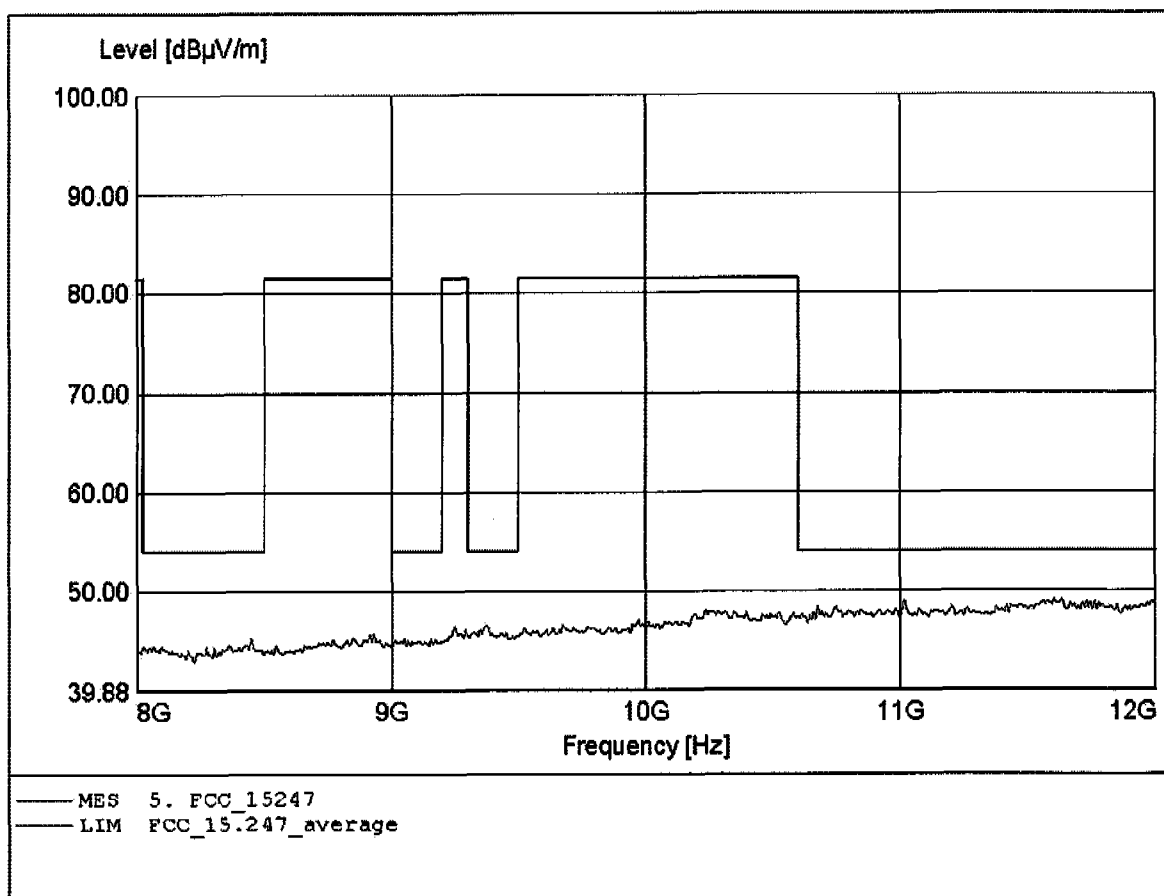




Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

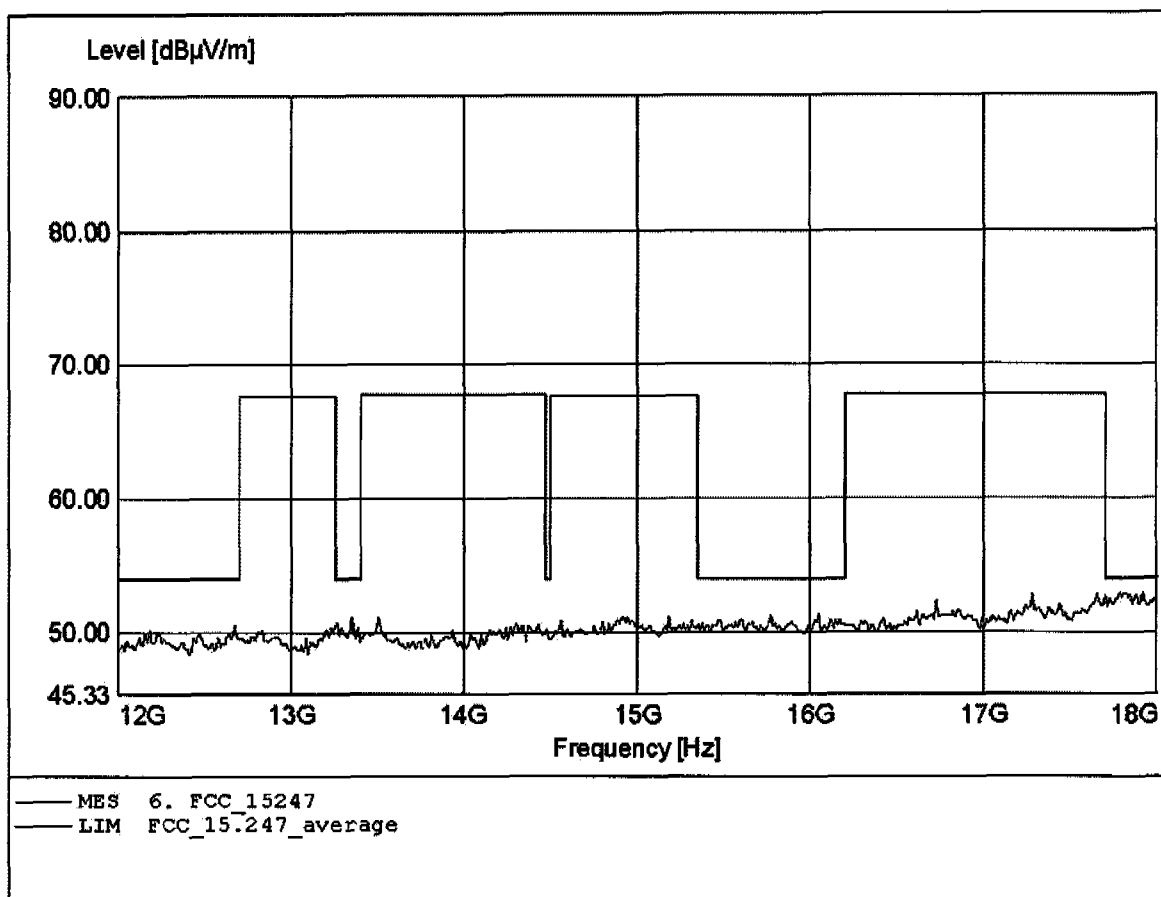
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 11.631GHz, Emax: 49.12dBμV/m, REW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

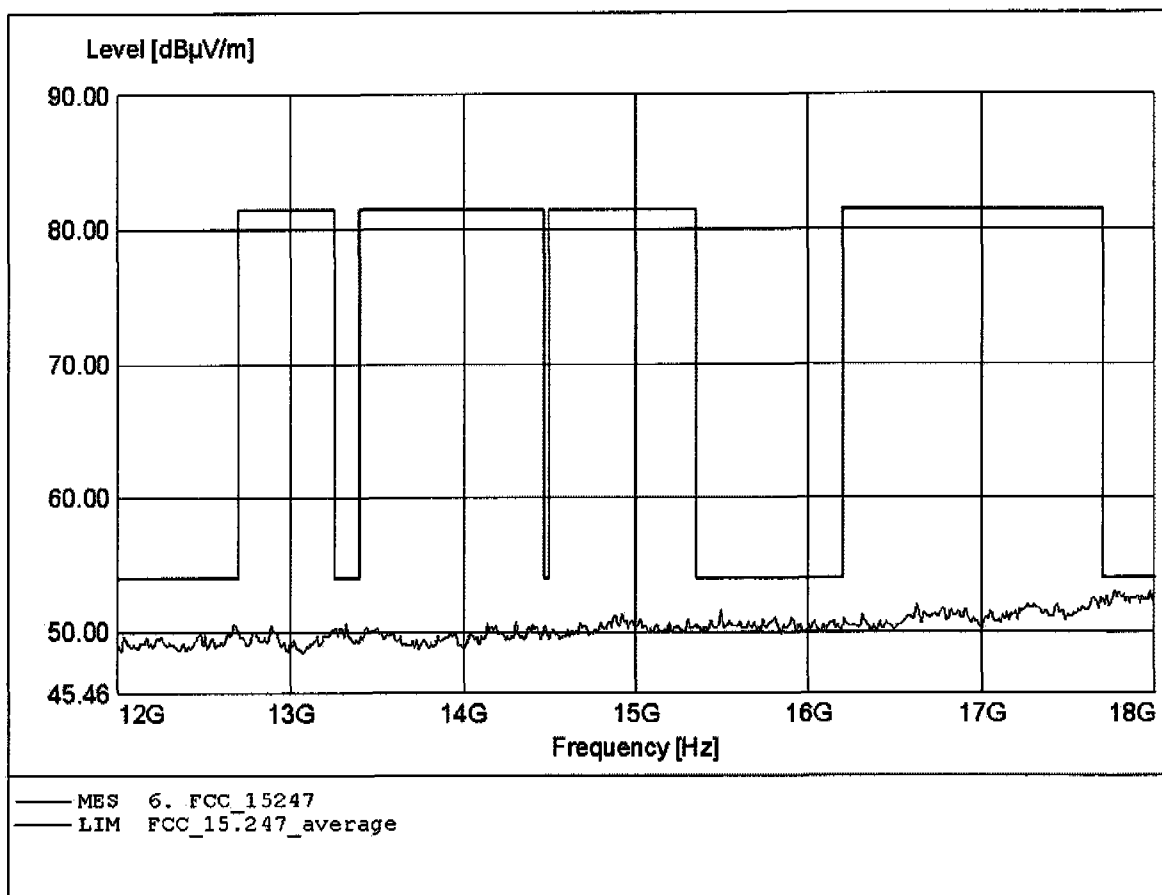
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to S15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.916GHz, Emax: 52.94dBµV/m, REW: 1MHz



# Spurious emissions Field Strength

## FCC RULES PART 15, SUBPART C

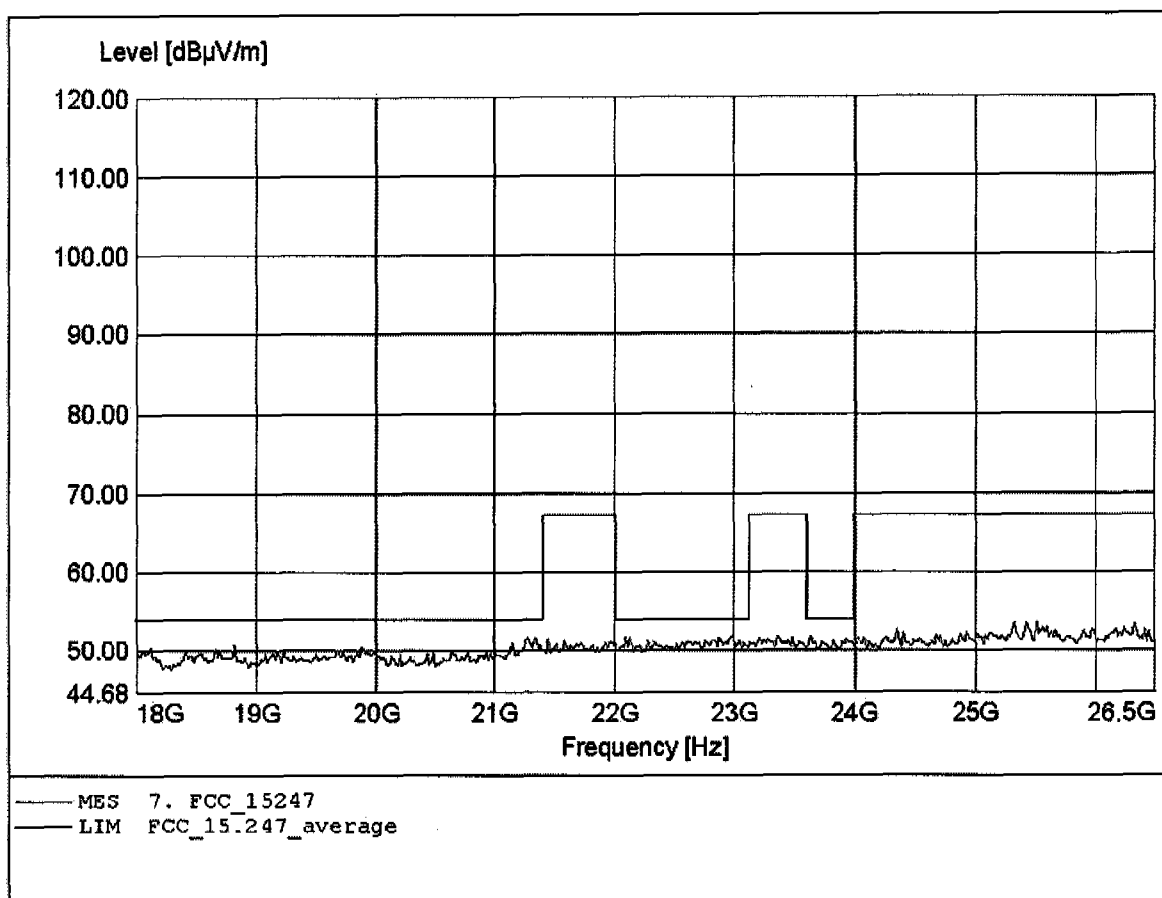
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.  
Freq: 17.772GHz, Emax: 52.99dBµV/m, REW: 1MHz



**Spurious emissions Field Strength**

**FCC RULES PART 15, SUBPART C**

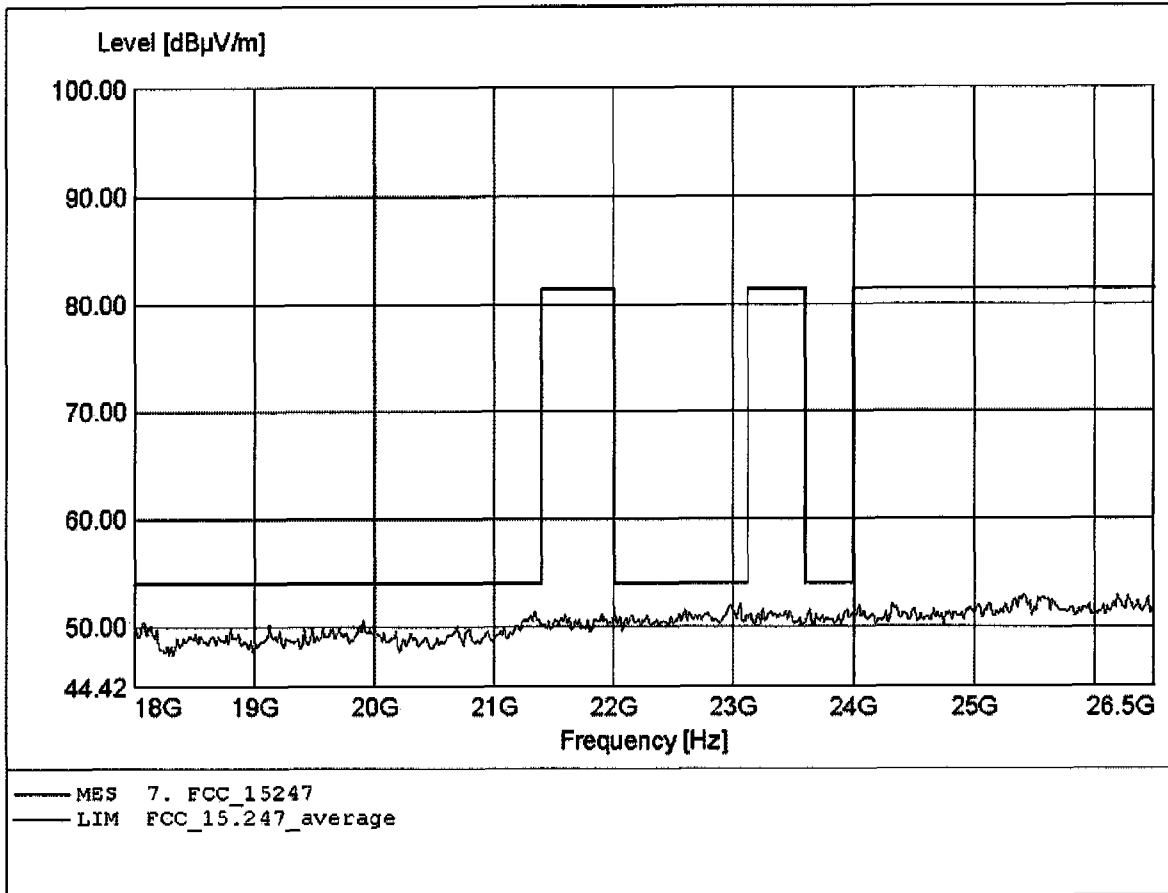
EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 26.330GHz, Emax: 53.53dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

EUT: AP 11B CH11  
MODEL NO.: AP51GA  
Approval Holder: SerComm Corporation  
Test Site / Operator: ETS / PIERCE PENG  
Temperature/Voltage: Temp.: 23°C/ Unom.: 120VAC  
Test Specification: according to §15.247, peak detector  
Comment 1: Dist.: 3m, Ant.: HL025, amplif.  
Freq: 25.410GHz, Emax: 52.86dBµV/m, RBW: 1MHz



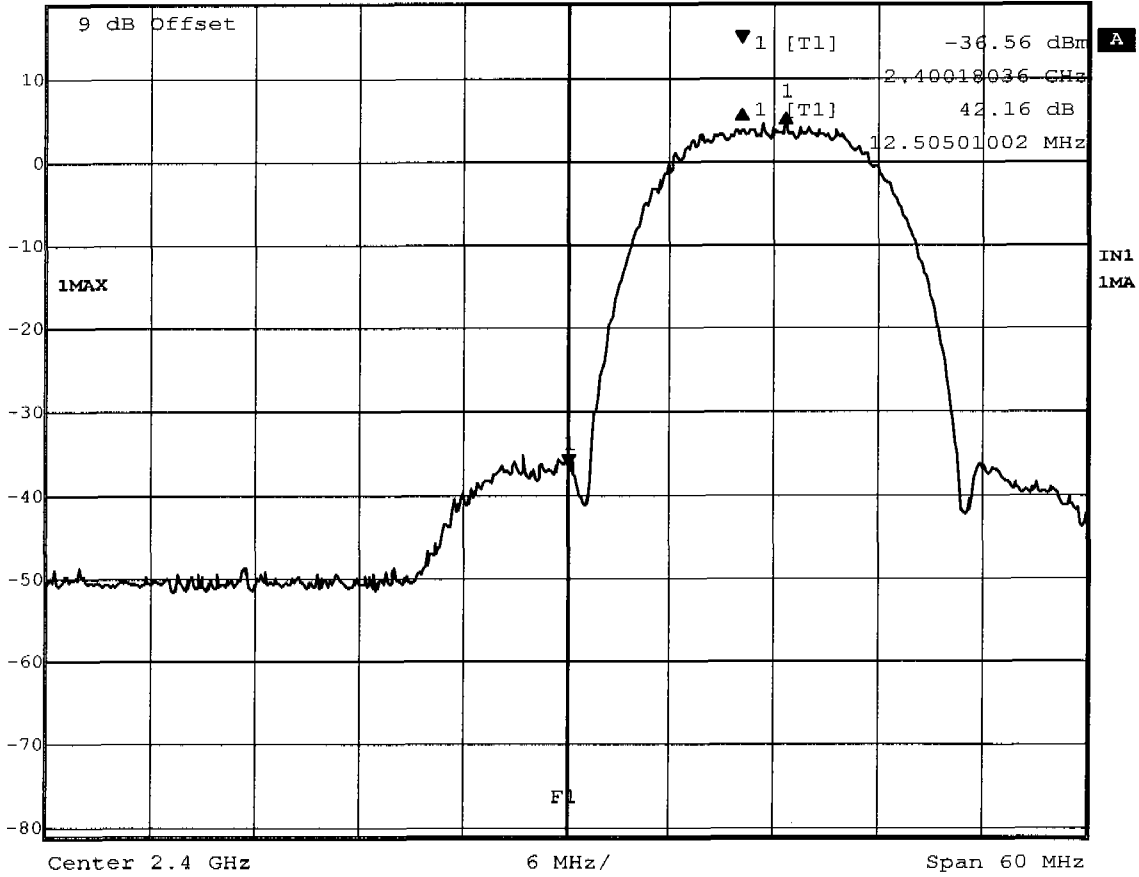


## Appendix D

Spurious Emissions conducted - Transmitter operating



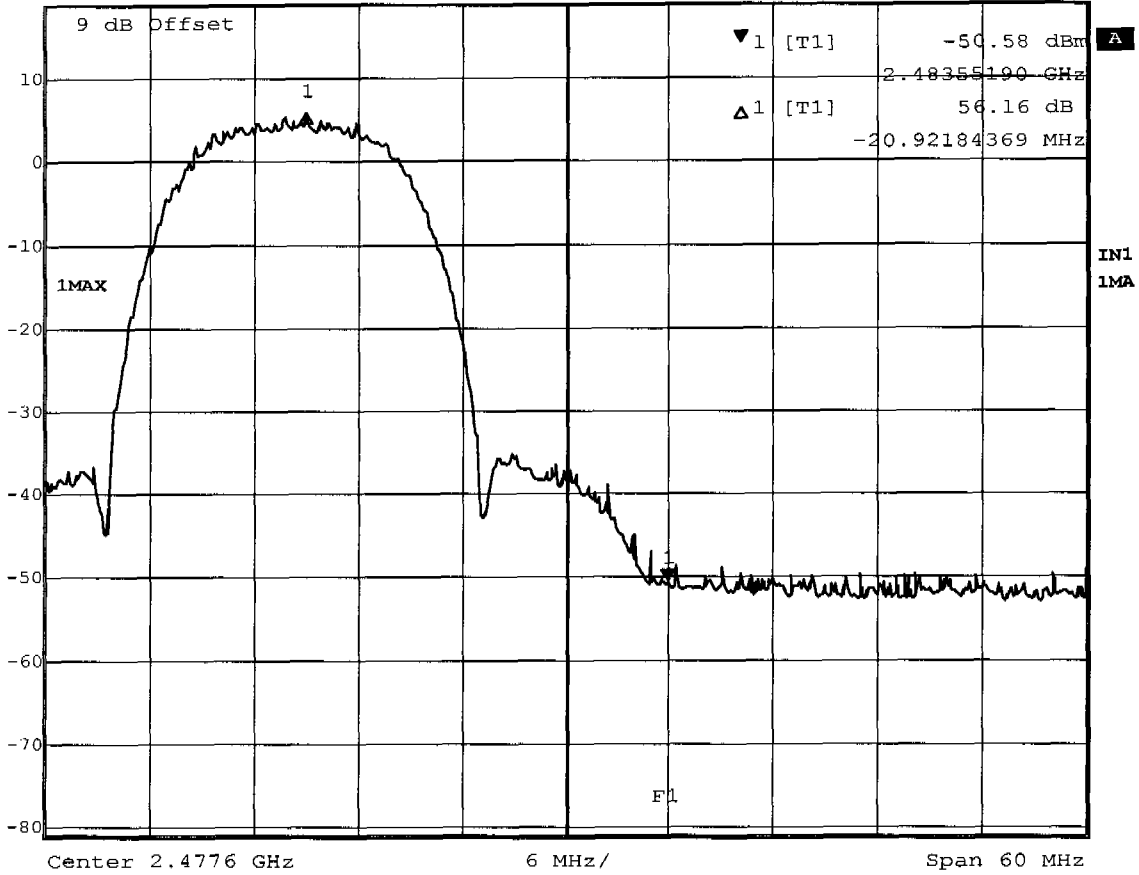
Delta 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl 42.16 dB VBW 100 kHz  
19 dBm 12.50501002 MHz SWT 20 ms Unit dBm



Title: 11b chl conducted bandadage  
Date: 8.FEB.2004 18:15:22



Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -50.58 dBm VBW 100 kHz  
19 dBm 2.48355190 GHz SWT 20 ms Unit dBm

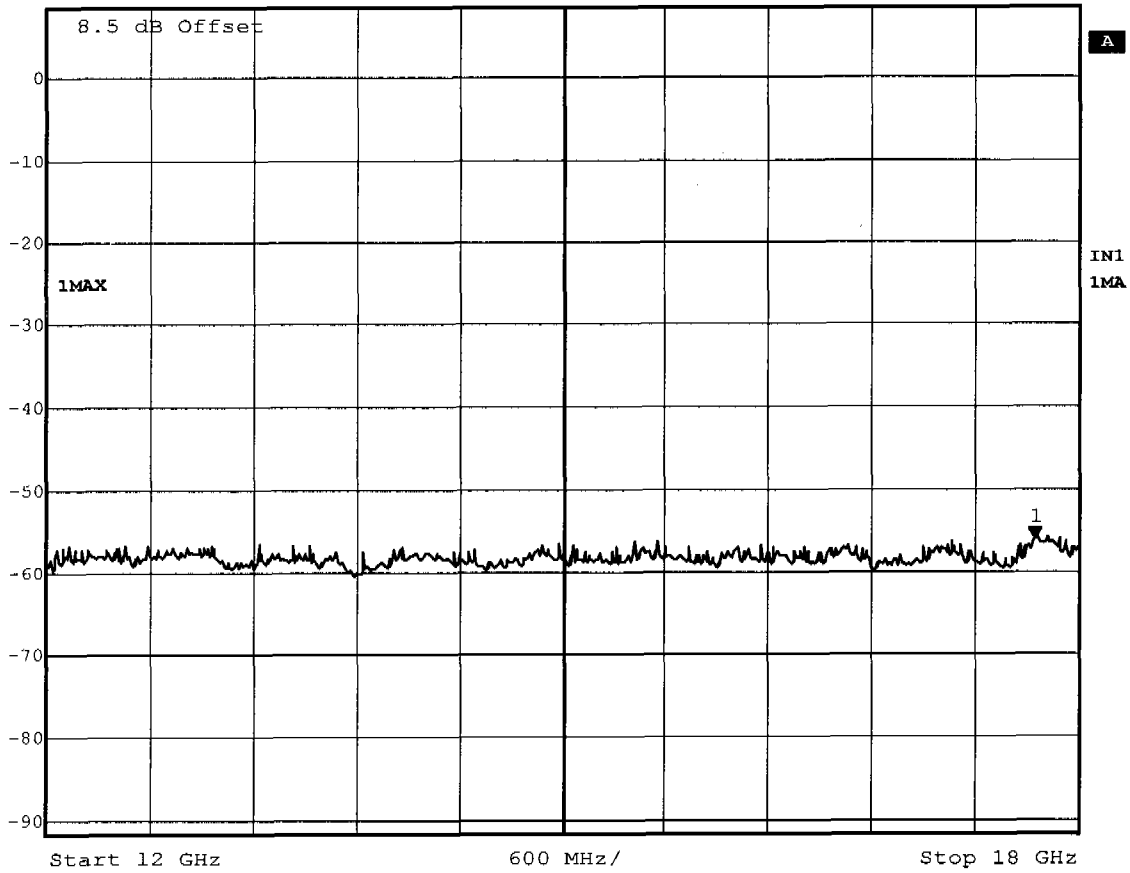


Title: 11b chl1 conducted bandadge  
Date: 8.FEB.2004 18:18:11





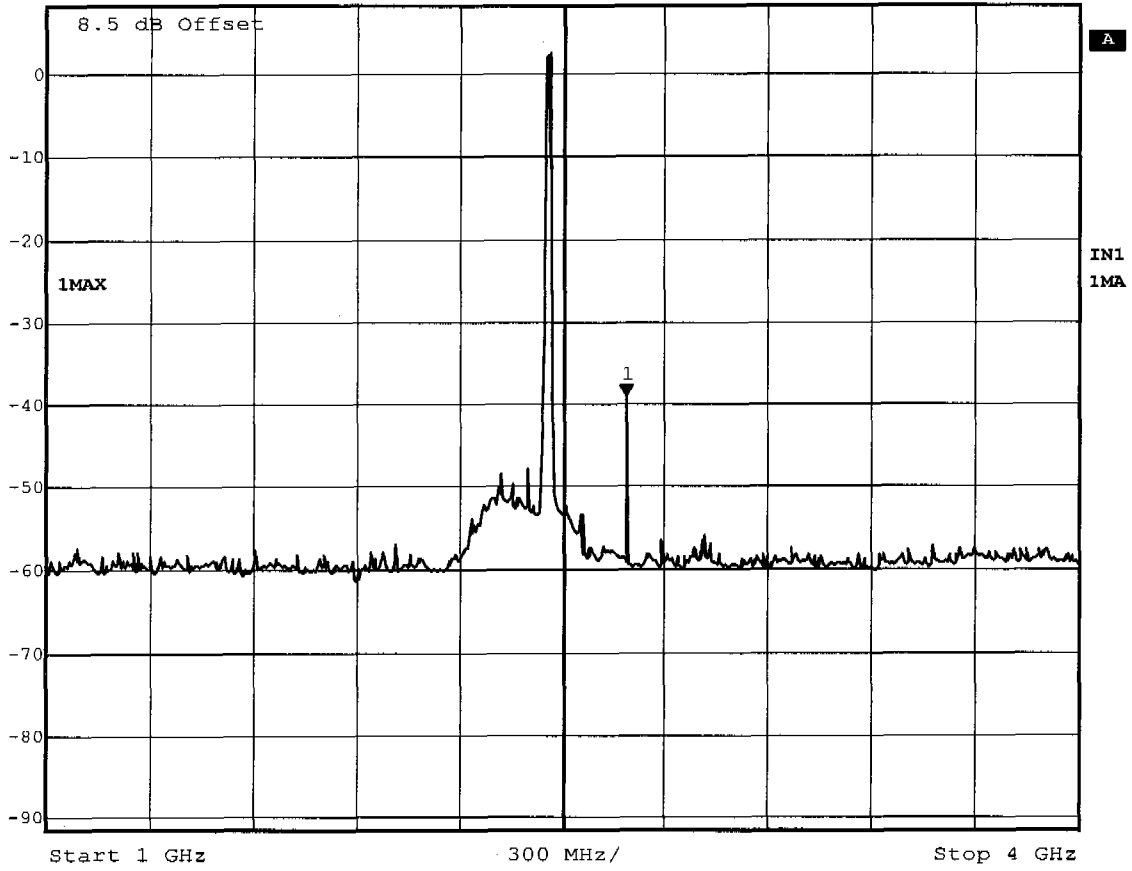
Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -56.17 dBm VBW 100 kHz  
8.5 dBm 17.74749499 GHz SWT 2 s Unit dBm



Title: 11B CH11 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:14:07



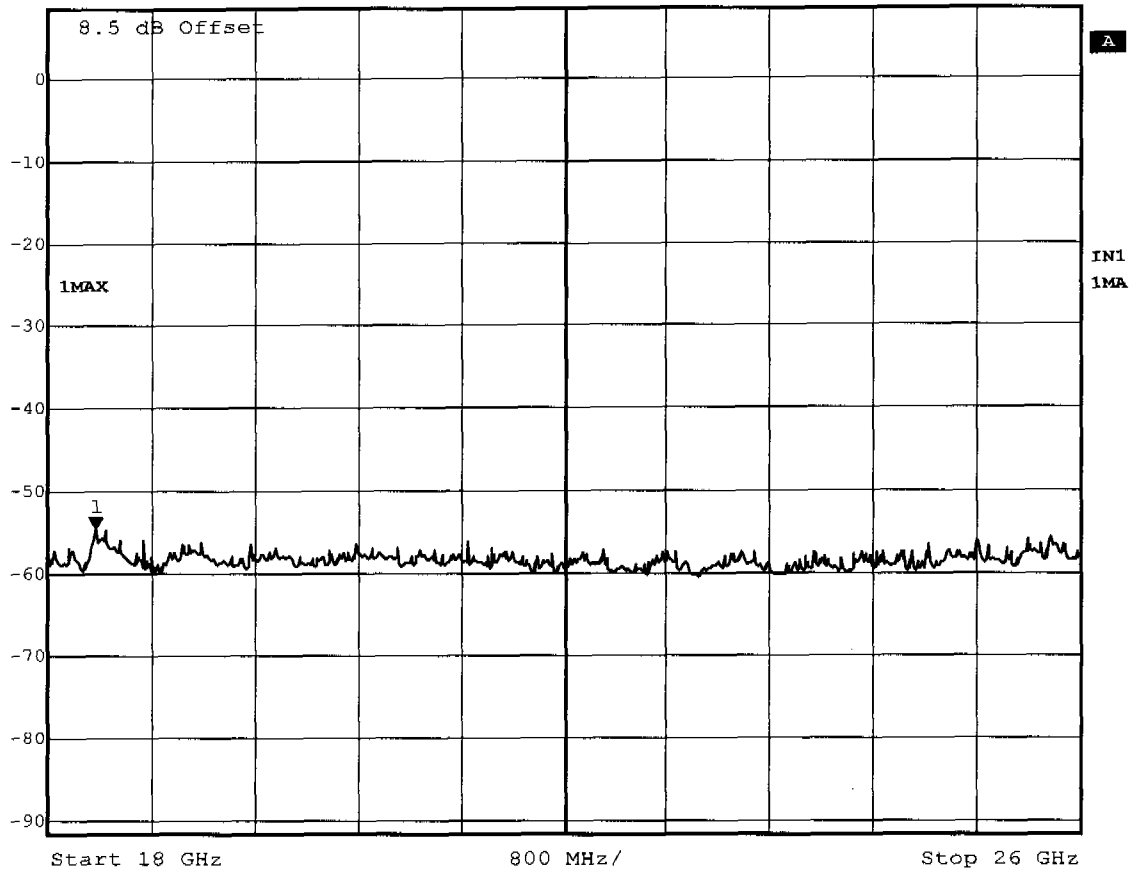
Marker 1 [T1]	RBW	100 kHz	RF Att	20 dB
Ref Lvl	-39.02 dBm	VBW	100 kHz	
8.5 dBm	2.68937876 GHz	SWT	2 s	Unit dBm



Title: 11B CH11 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:12:26



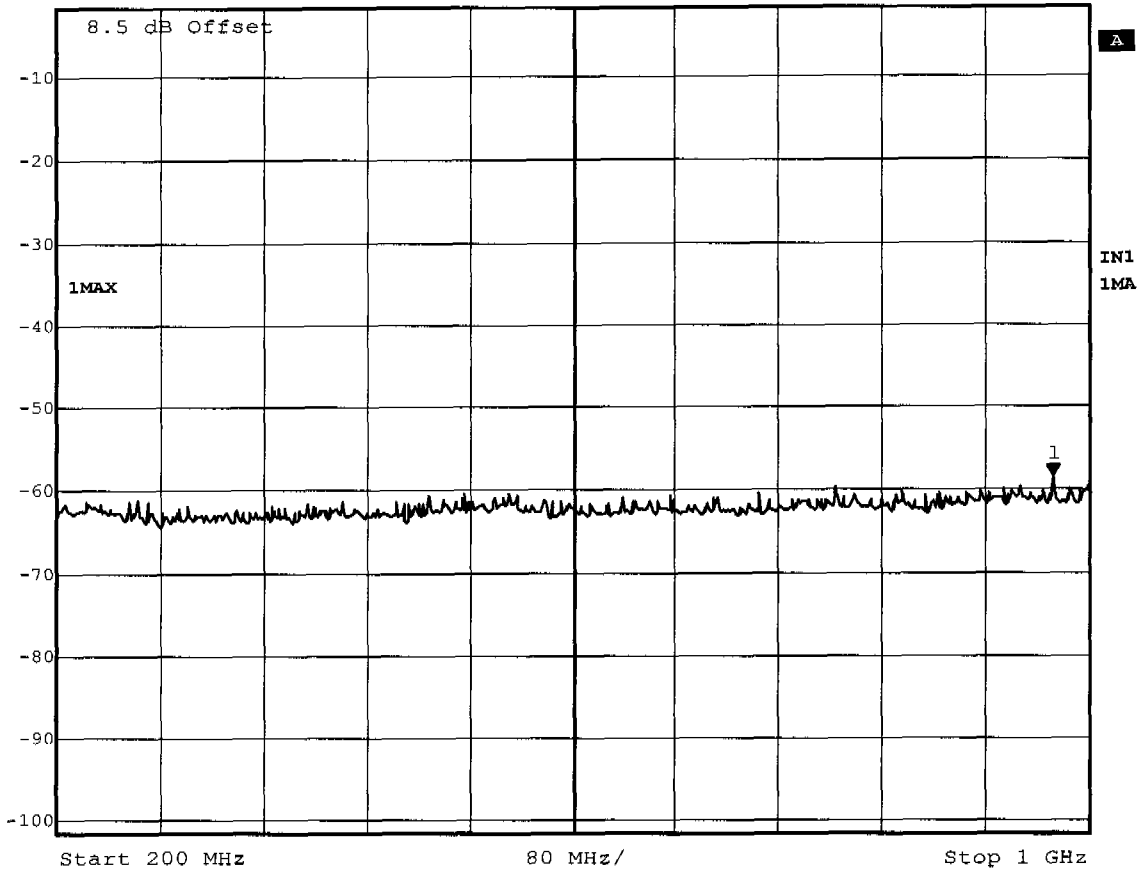
Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -54.62 dBm VBW 100 kHz  
8.5 dBm 18.36873747 GHz SWT 2 s Unit dBm



Title: 11B CH11 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:14:37



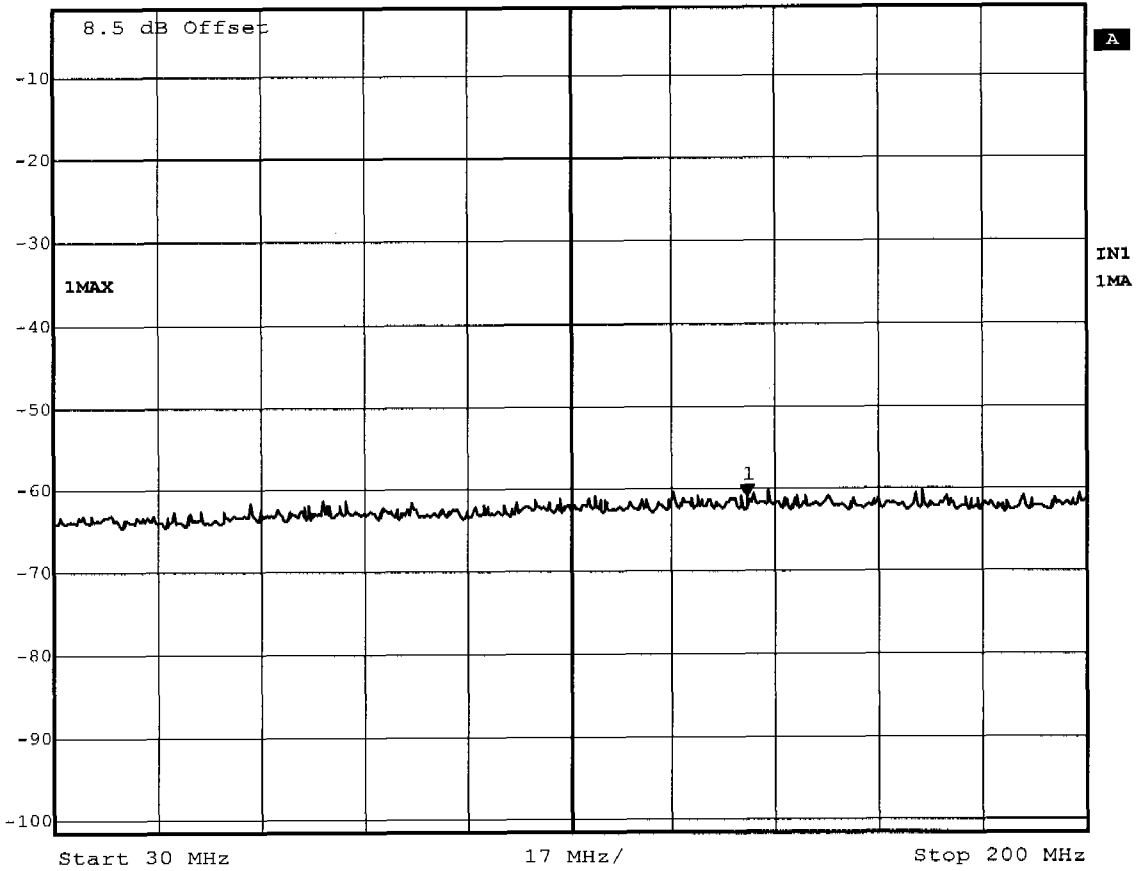
Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -58.70 dBm VBW 100 kHz  
-1.5 dBm 972.74549098 MHz SWT 2 s Unit dBm



Title: 11B CH11 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:10:49



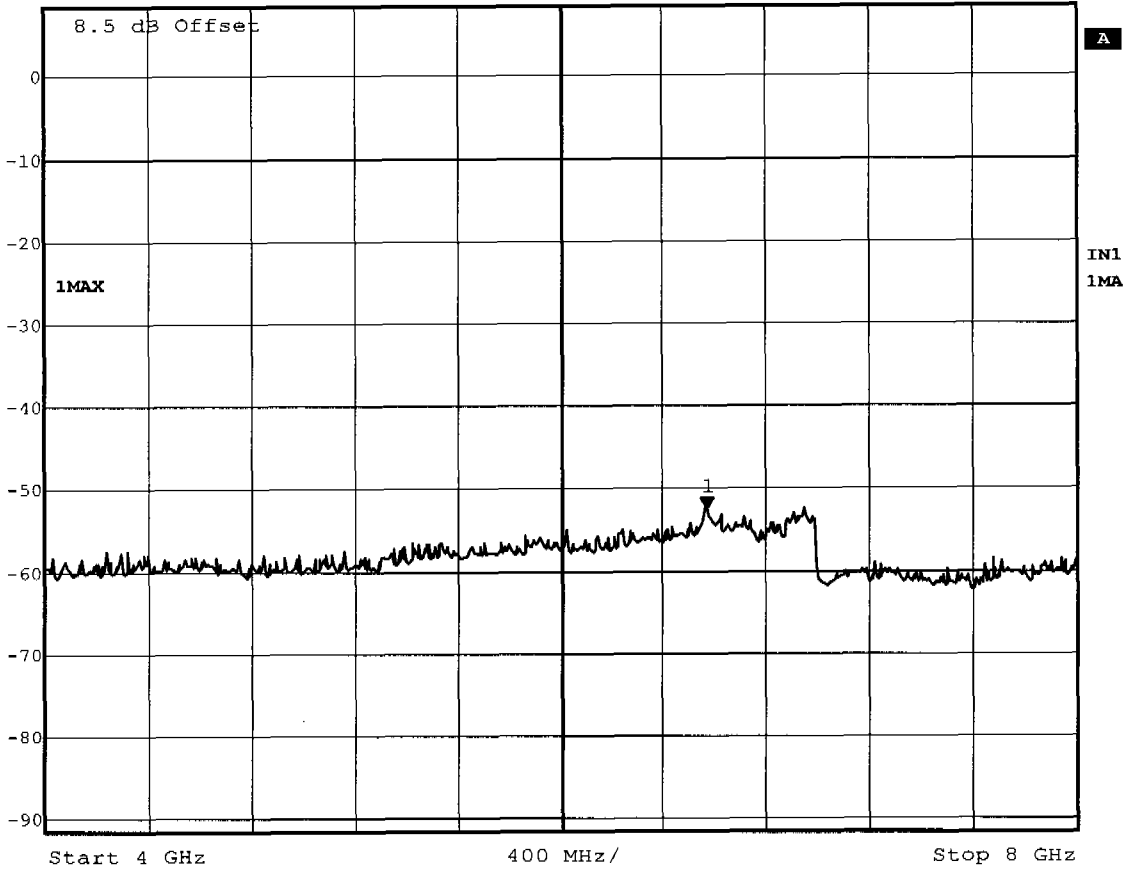
Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -61.23 dBm VBW 100 kHz  
-1.5 dBm 144.46893788 MHz SWT 2 s Unit dBm



Title: 11B CH11 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:10:15



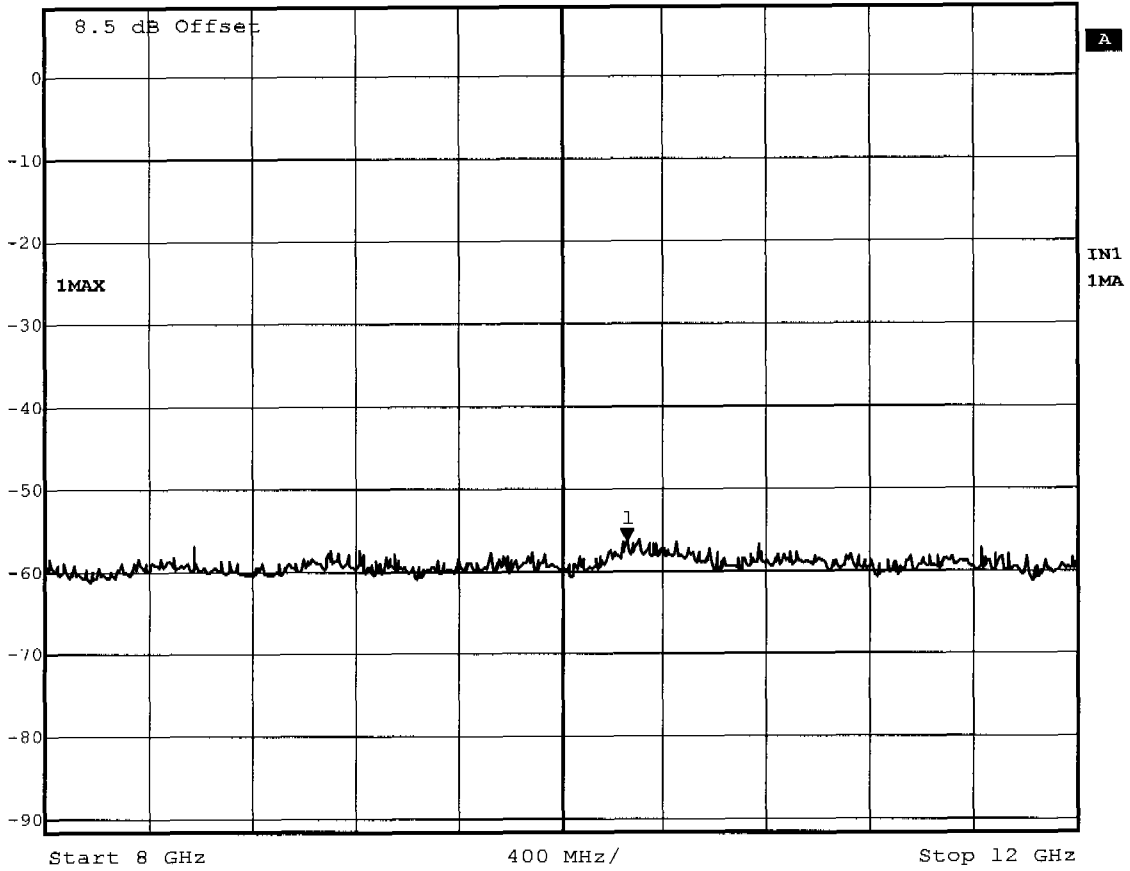
Marker 1 [T1]      RBW 100 kHz      RF Att 20 dB  
Ref Lvl              -52.56 dBm      VBW 100 kHz  
8.5 dBm              6.57314629 GHz      SWT 2 s      Unit dBm



Title: 11B CH11 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:12:53



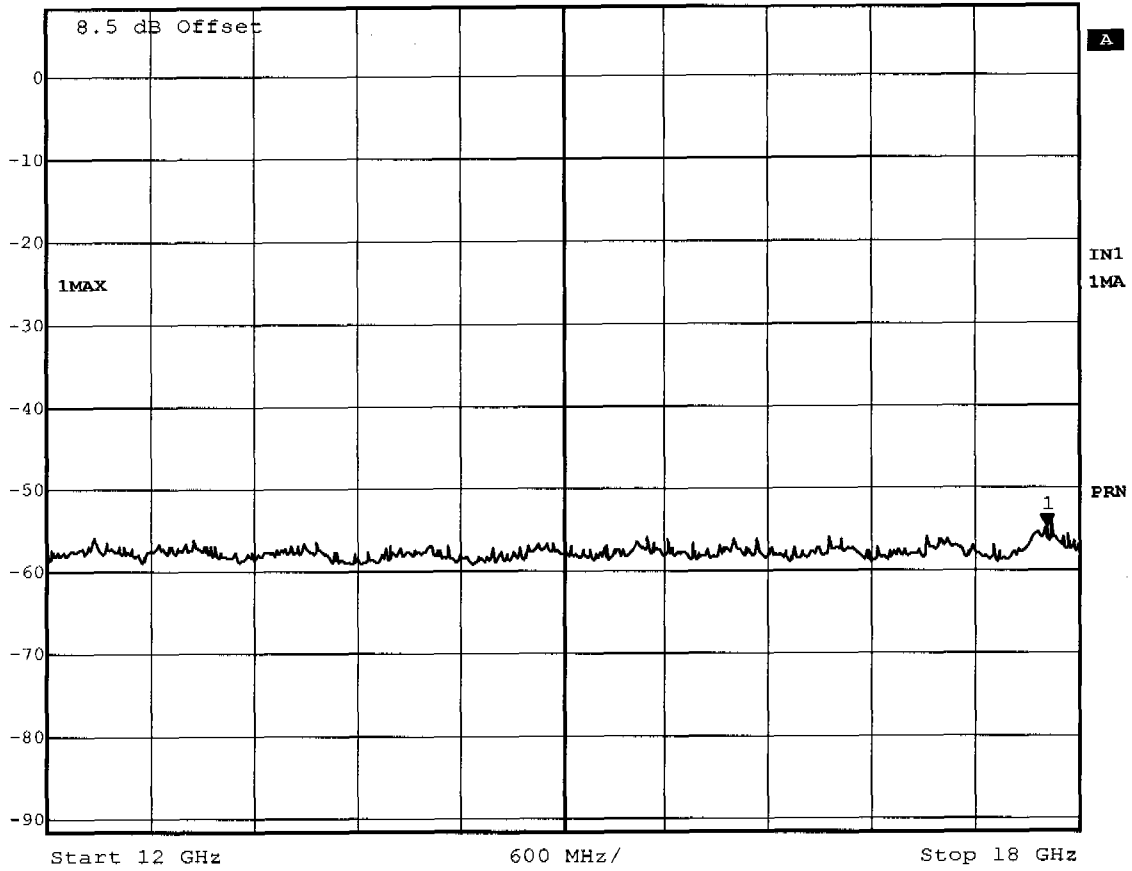
Marker 1 [T1]      RBW 100 kHz    RF Att 20 dB  
Ref Lvl            -56.41 dBm    VBW 100 kHz  
8.5 dBm            10.26052104 GHz    SWT 2 s    Unit dBm



Title: 11B CH11 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:13:21



Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -54.90 dBm VBW 100 kHz  
8.5 dBm 17.81963928 GHz SWT 2 s Unit dBm

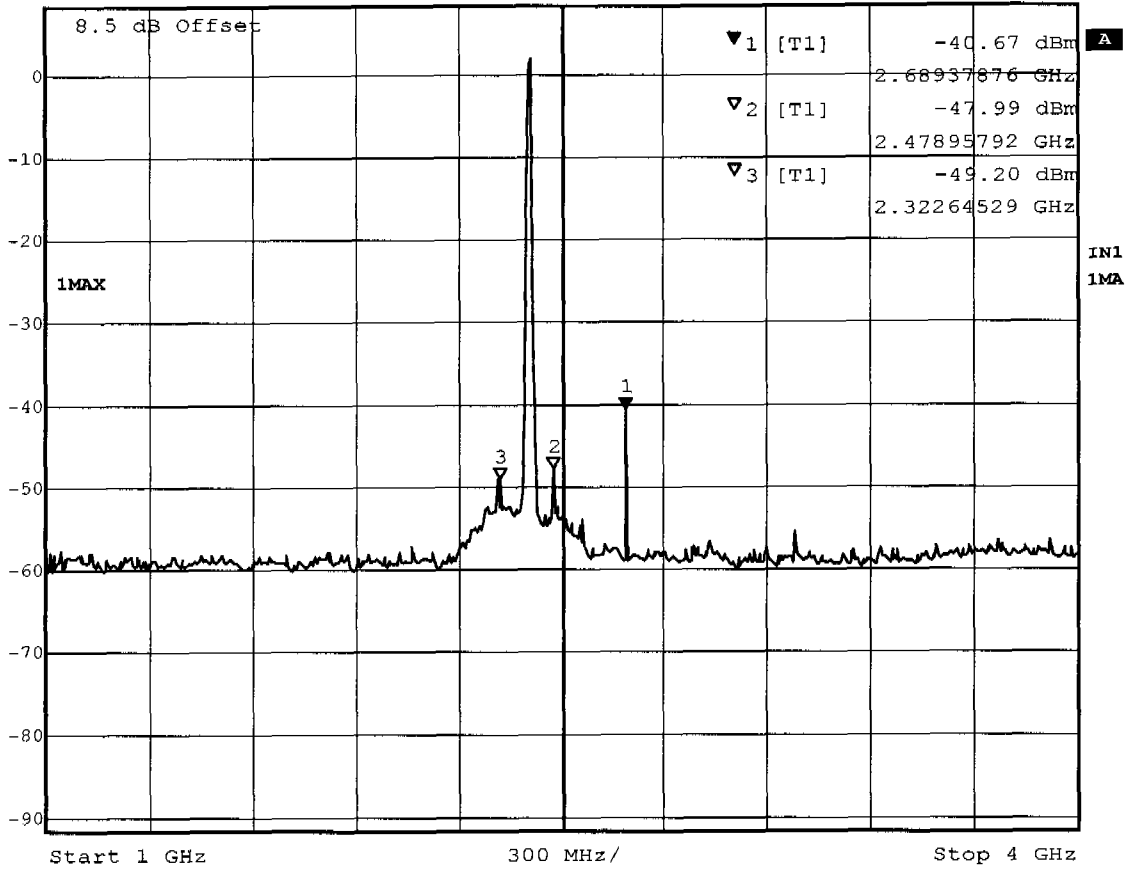


Title: 11B CH1 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:26:29





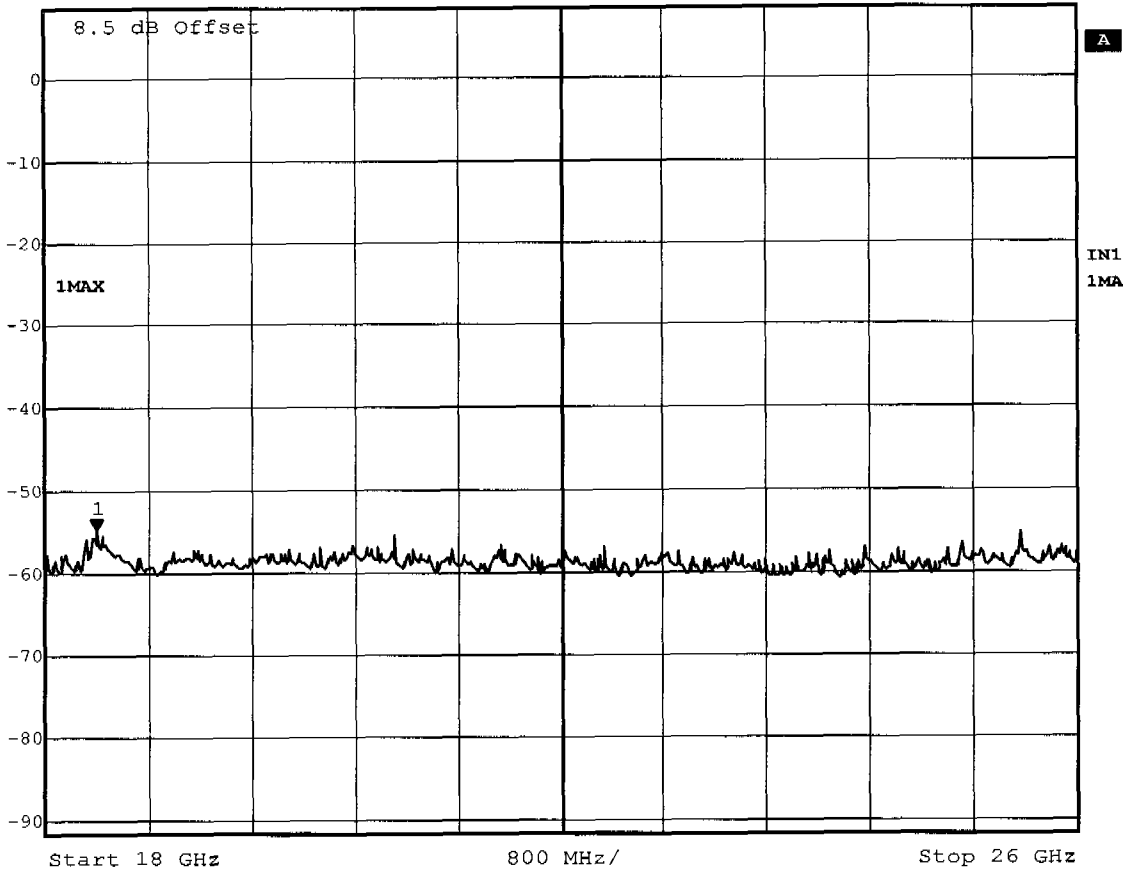
Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -40.67 dBm VBW 100 kHz  
8.5 dBm 2.68937876 GHz SWT 2 s Unit dBm



Title: 11B CH1 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:23:43



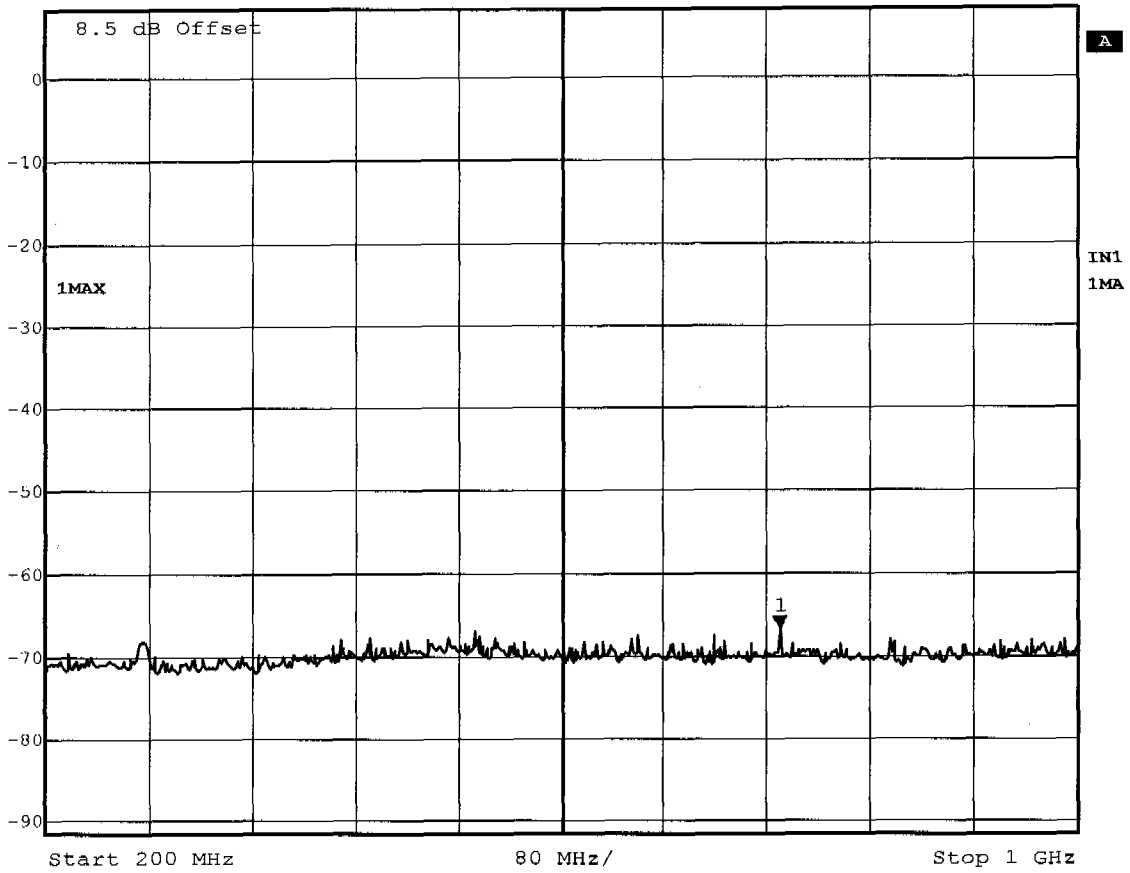
Marker 1 [T1]      RBW 100 kHz      RF Att 20 dB  
Ref Lvl              -54.79 dBm      VBW 100 kHz  
8.5 dBm              18.40080160 GHz      SWT 2 s      Unit dBm



Title: 11B CH1 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:26:55



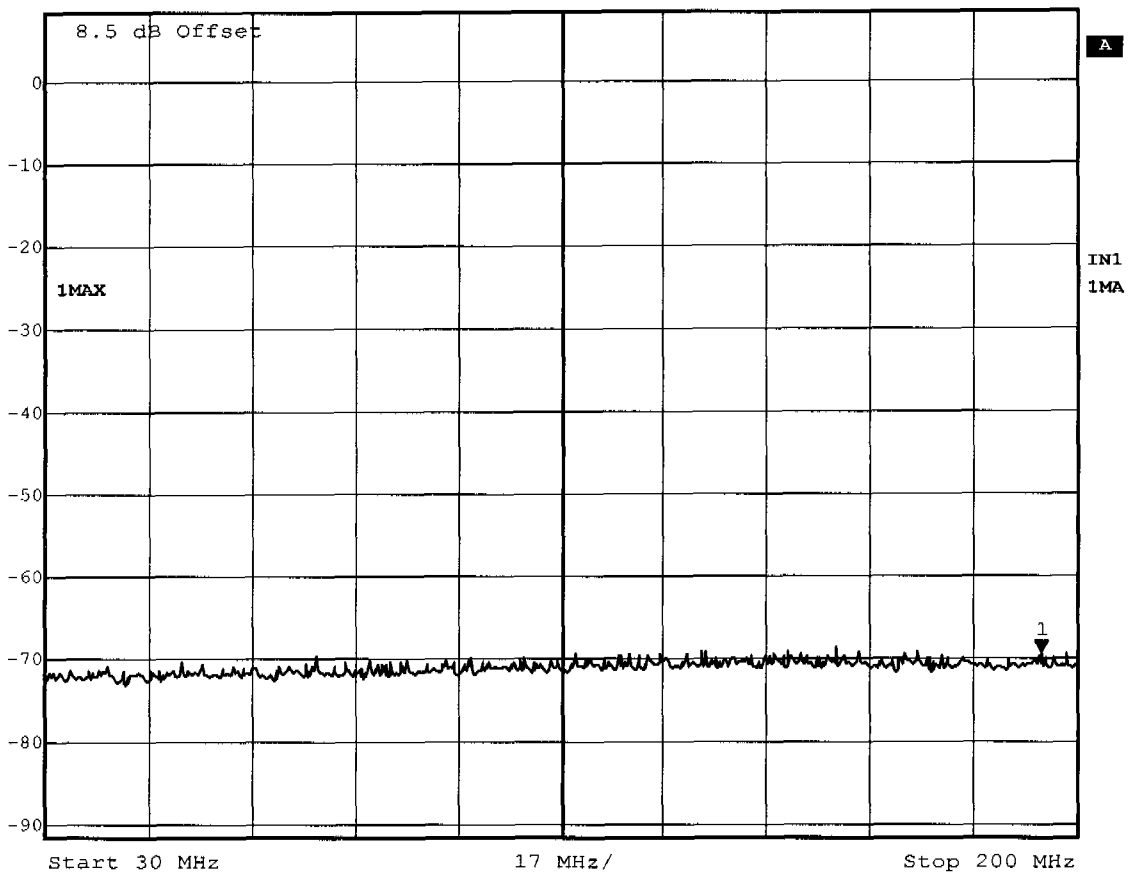
Marker 1 [T1] RBW 100 kHz RF Att 10 dB  
Ref Lvl -66.70 dBm VBW 100 kHz  
8.5 dBm 770.74148297 MHz SWT 2 s Unit dBm



Title: 11B CH1 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:22:30



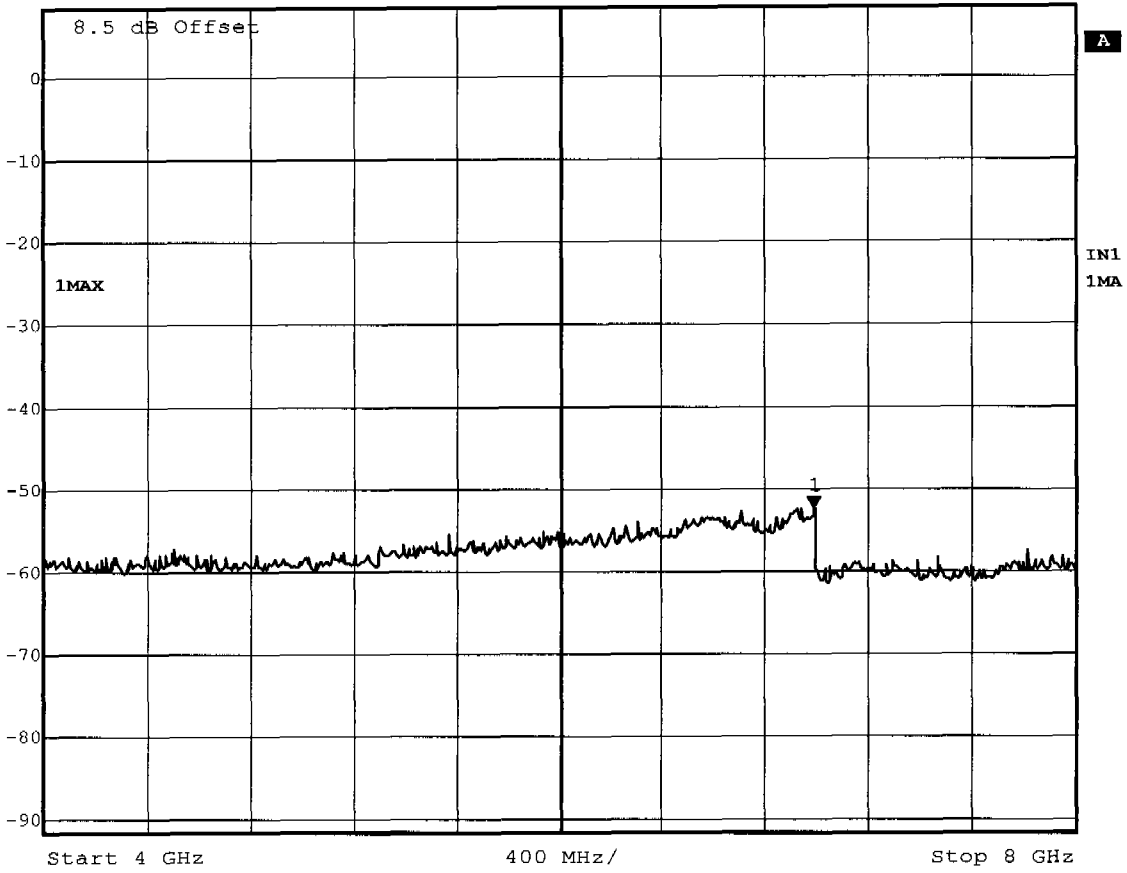
Marker 1 [T1] REW 100 kHz RF Att 10 dB  
Ref Lvl -69.26 dBm VBW 100 kHz  
8.5 dBm 194.20841683 MHz SWT 2 s Unit dBm



Title: 11B CH1 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:21:57



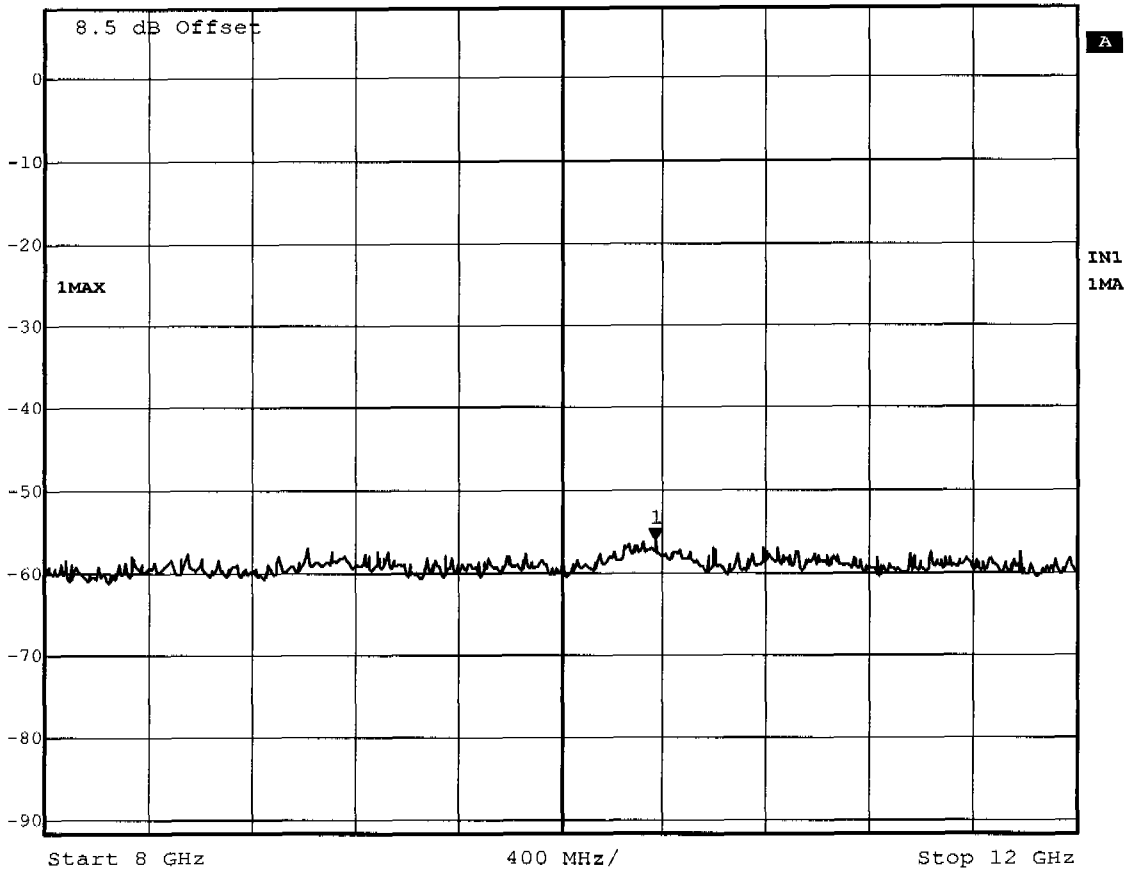
Marker 1 [T1] REW 100 kHz RF Att 20 dB  
Ref Lvl -52.41 dBm VBW 100 kHz  
8.5 dBm 6.98997996 GHz SWT 2 s Unit dBm



Title: 11B CH1 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:24:22



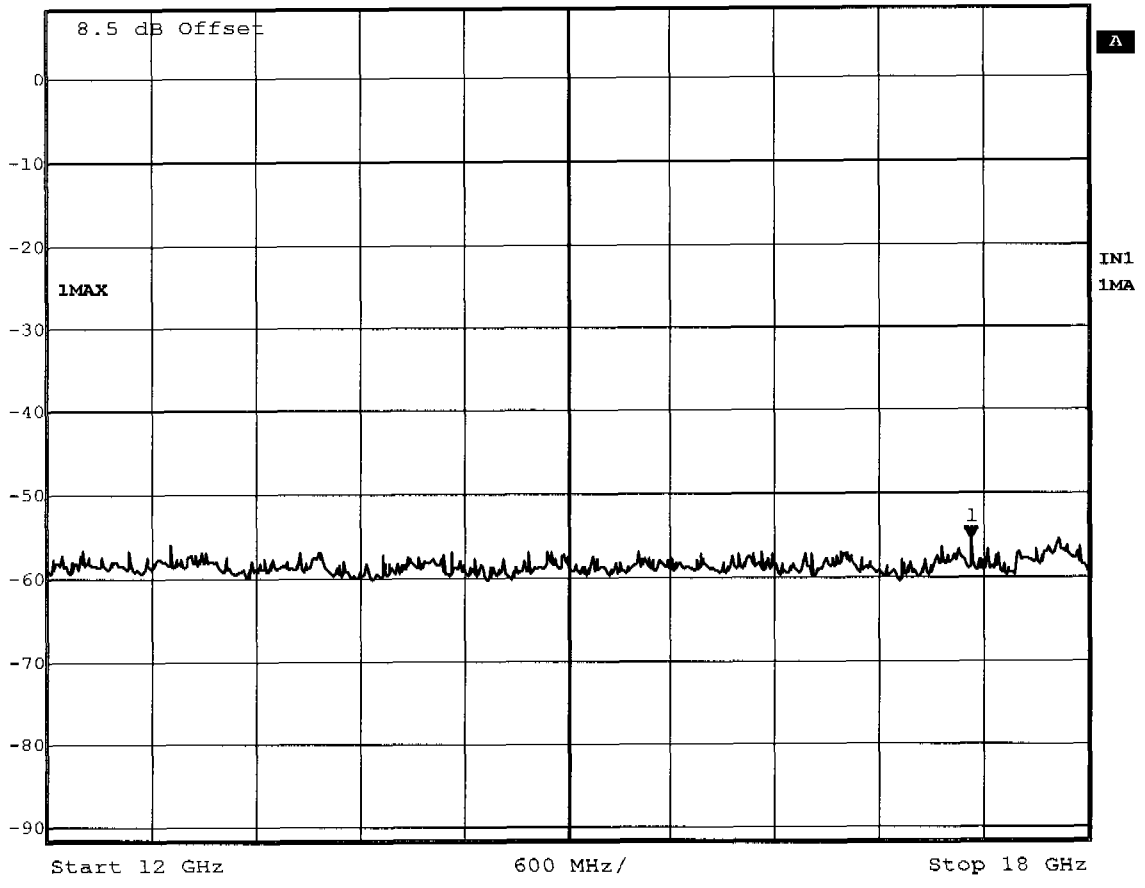
Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -56.20 dBm VBW 100 kHz  
8.5 dBm 10.37274549 GHz SWT 2 s Unit dBm



Title: 11B CH1 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:24:56



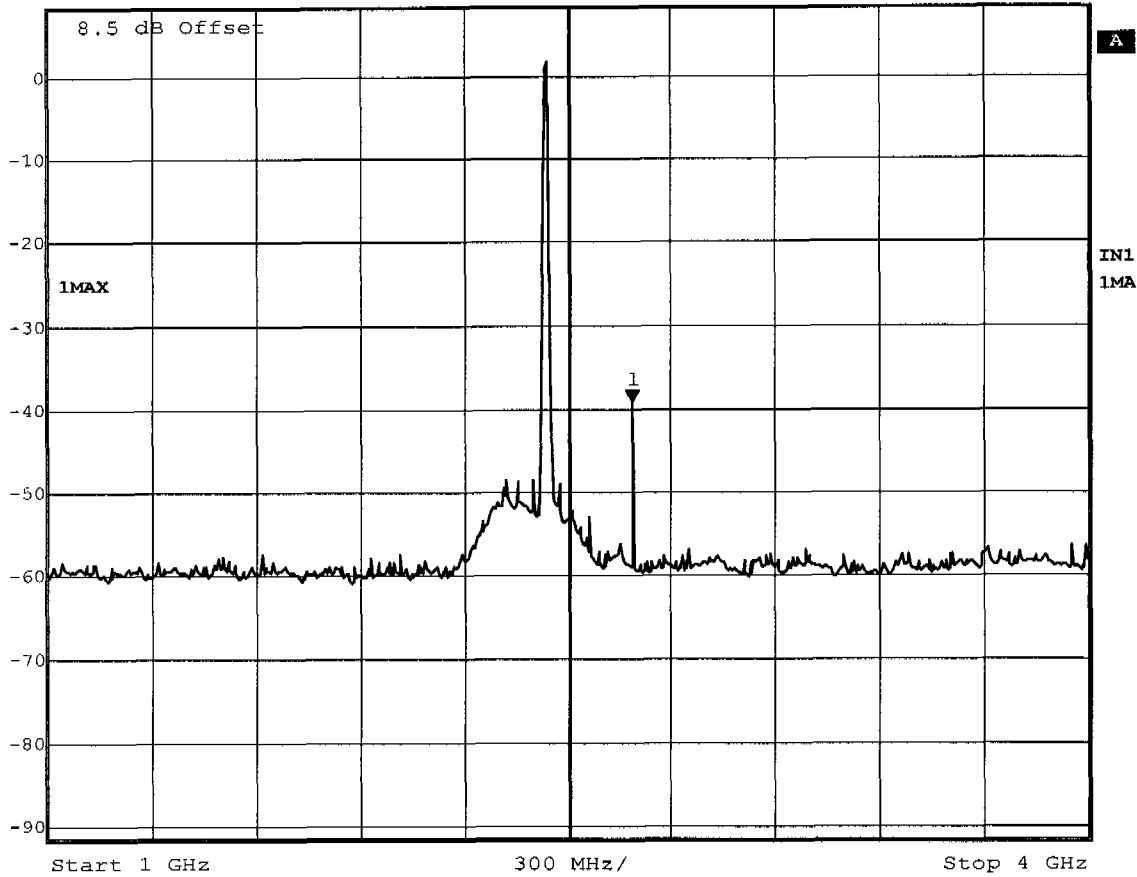
Marker 1 [T1] REW 100 kHz RF Att 20 dB  
Ref Lvl -55.56 dBm VBW 100 kHz  
8.5 dBm 17.32665331 GHz SWT 2 s Unit dBm



Title: 11B CH6 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:16:31



Marker 1 [T1]      RBW 100 kHz      RF Att 20 dB  
Ref Lvl      -39.03 dBm      VBW 100 kHz  
8.5 dBm      2.68937876 GHz      SWT 2 s      Unit dBm

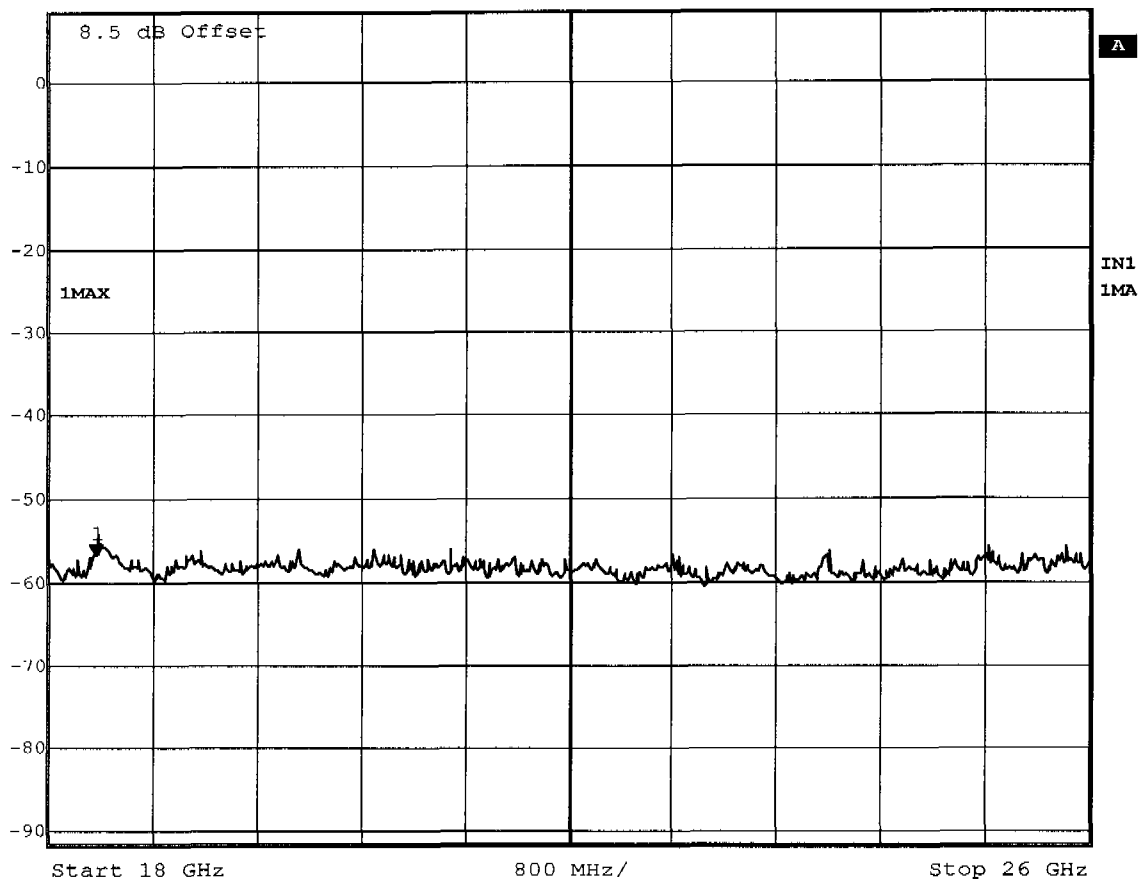


Title: 11B CH6 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:18:20





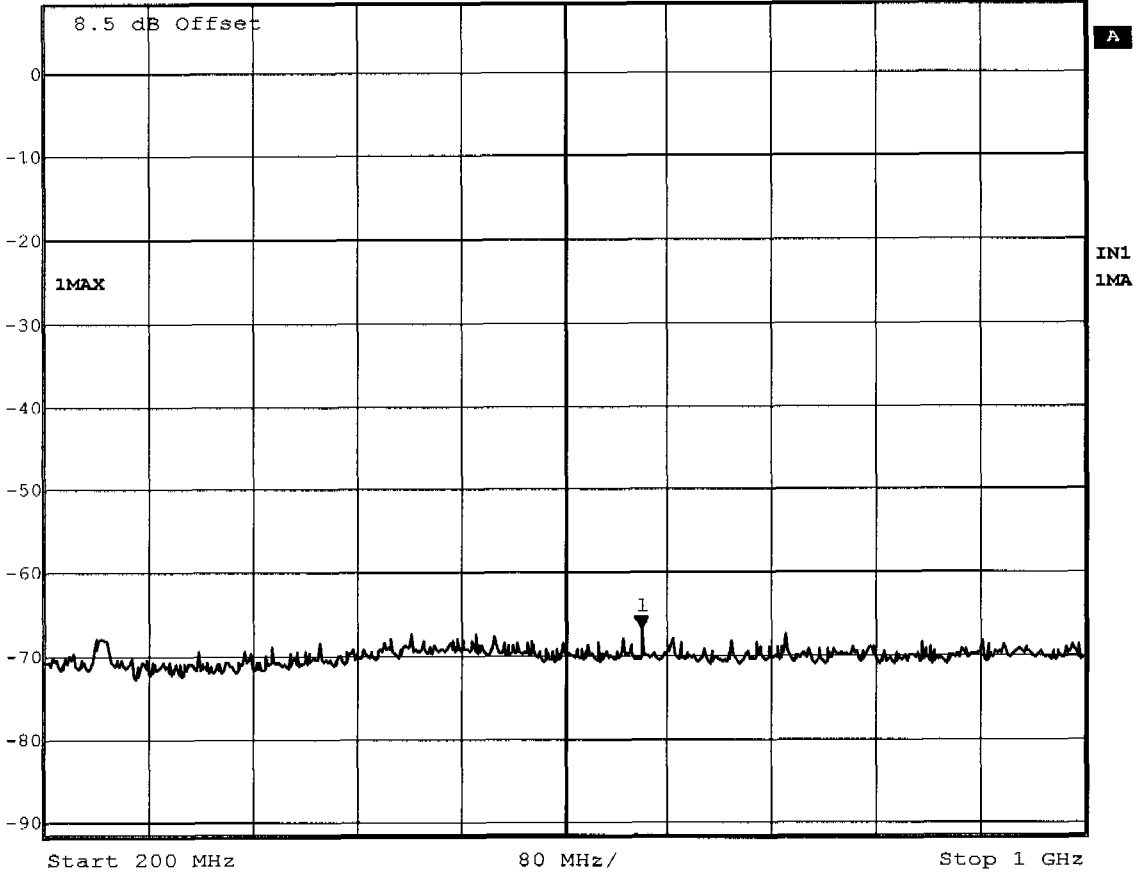
Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -56.84 dBm VBW 100 kHz  
8.5 dBm 18.36873747 GHz SWT 2 s Unit dBm



Title: 11B CH6 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:16:00



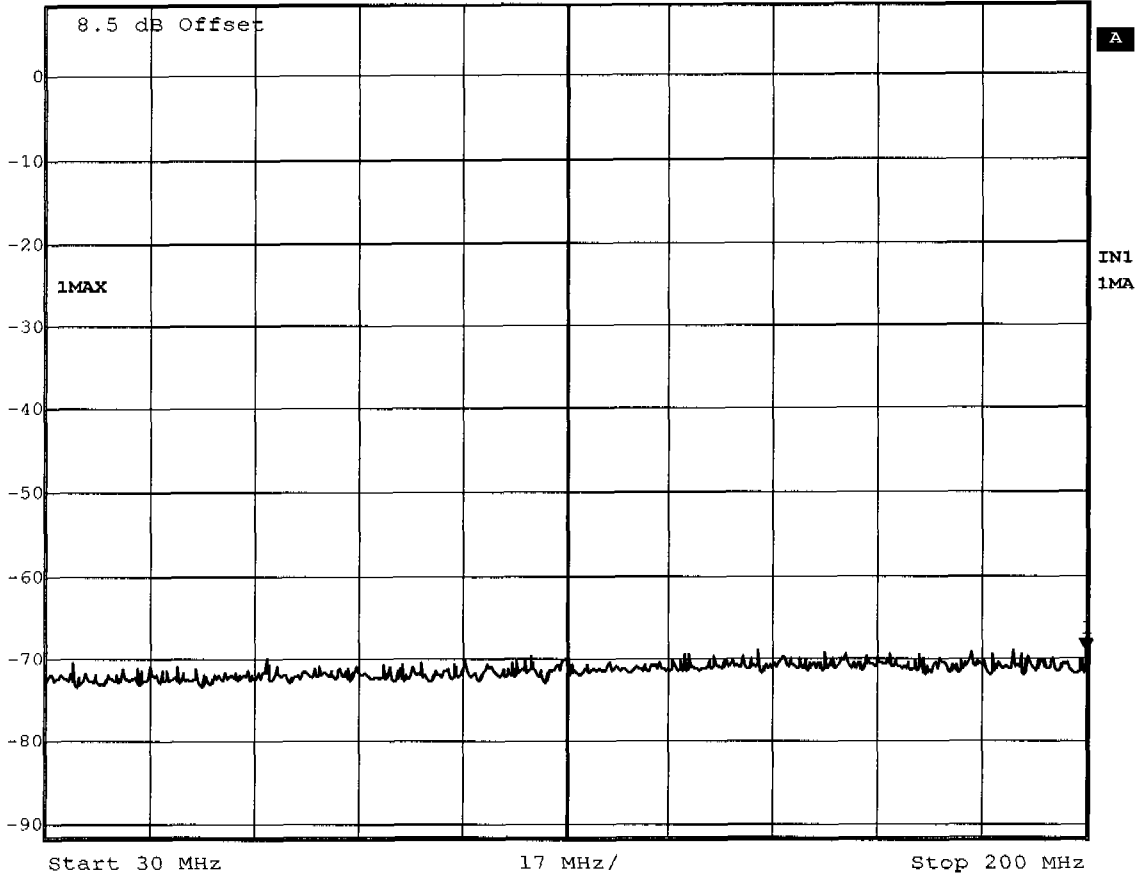
Marker 1 [T1]      RBW 100 kHz      RF Att 10 dB  
Ref Lvl      -66.89 dBm      VBW 100 kHz  
8.5 dBm      660.12024048 MHz      SWT 2 s      Unit dBm



Title: 11B CH6 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:19:09



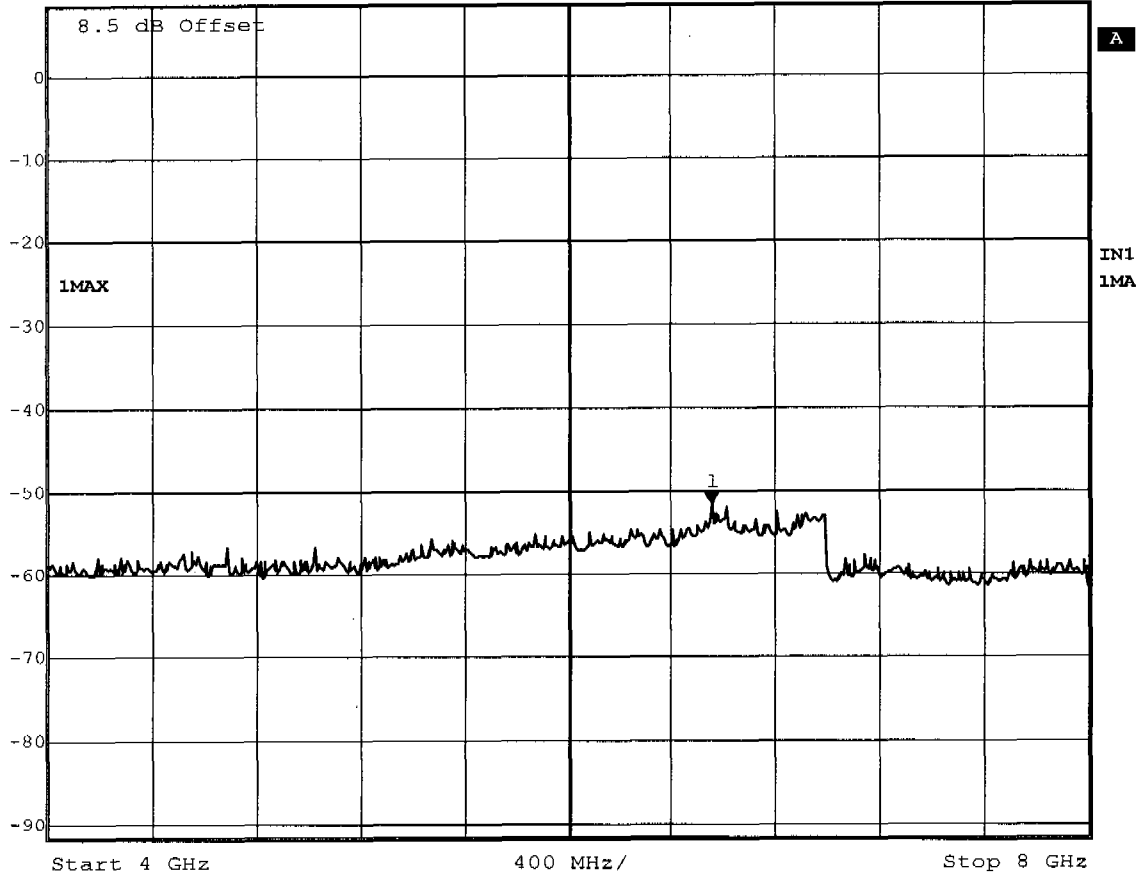
Marker 1 [T1] RBW 100 kHz RF Att 10 dB  
Ref Lvl -69.16 dBm VBW 100 kHz  
8.5 dBm 200.00000000 MHz SWT 2 s Unit dBm



Title: 11B CH6 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:19:43



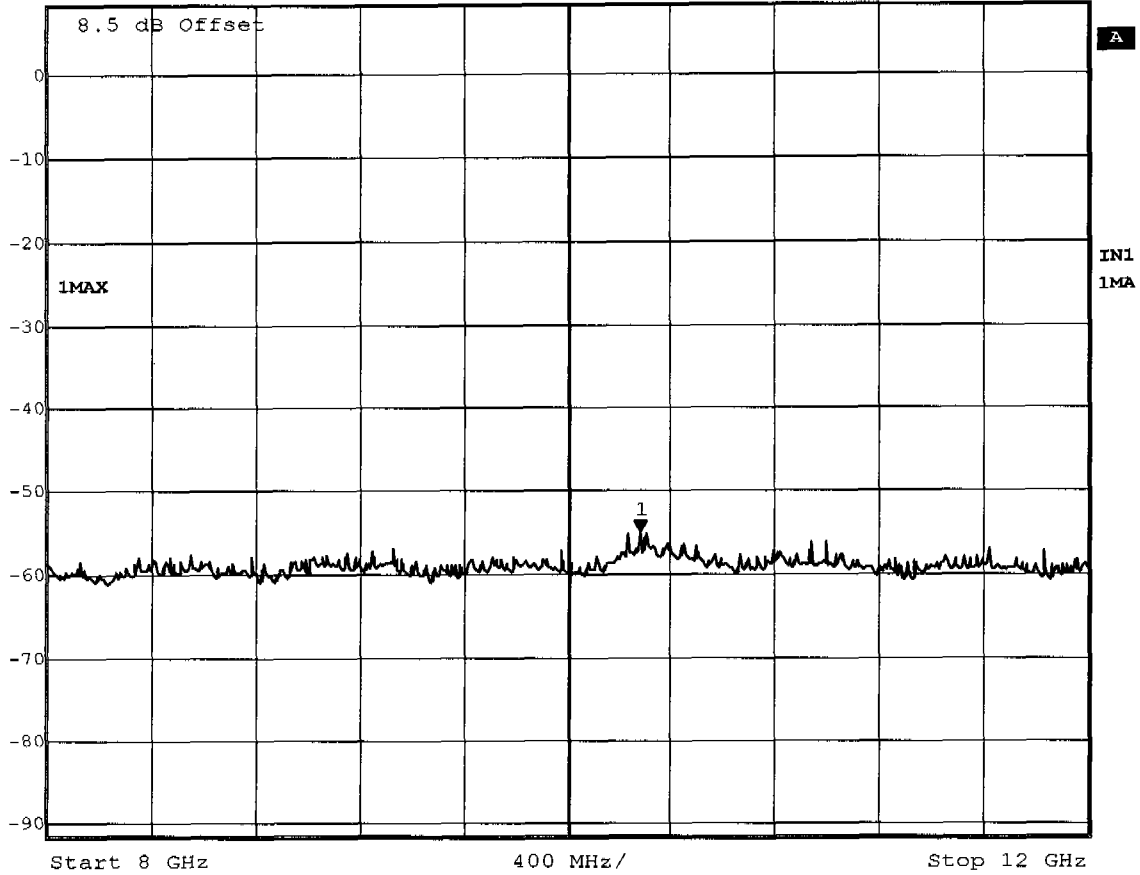
Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -51.74 dBm VBW 100 kHz  
8.5 dBm 6.55711423 GHz SWT 2 s Unit dBm



Title: 11B CH6 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:17:41



Marker 1 [T1] RBW 100 kHz RF Att 20 dB  
Ref Lvl -55.20 dBm VBW 100 kHz  
8.5 dBm 10.28456914 GHz SWT 2 s Unit dBm



Title: 11B CH6 TX MODE CONDUCTED SPURIOUS EMISSION  
Date: 15.FEB.2004 22:17:06

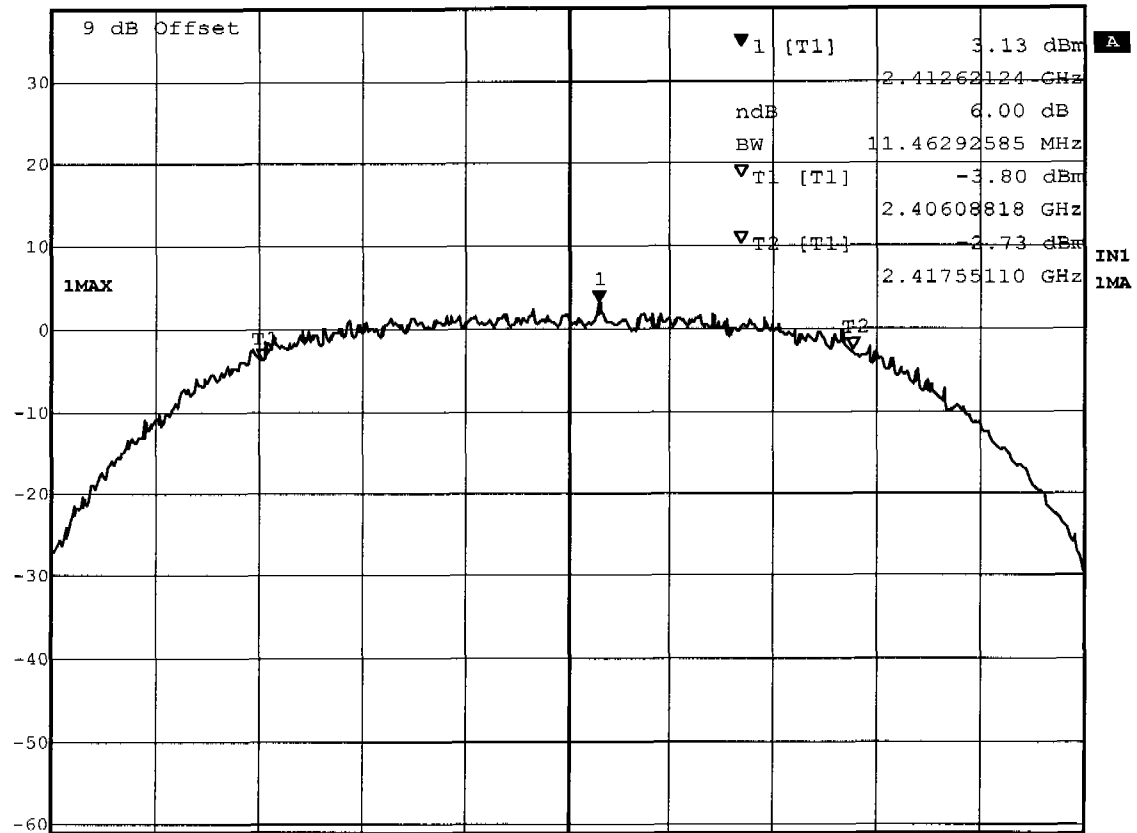


## Appendix E

Maximum 6 dB Bandwidth



Marker 1 [T1 ndB] RBW 100 kHz RF Att 40 dB  
Ref Lvl ndB 6.00 dB VBW 300 kHz  
39 dBm BW 11.46292585 MHz SWT 500 ms Unit dBm

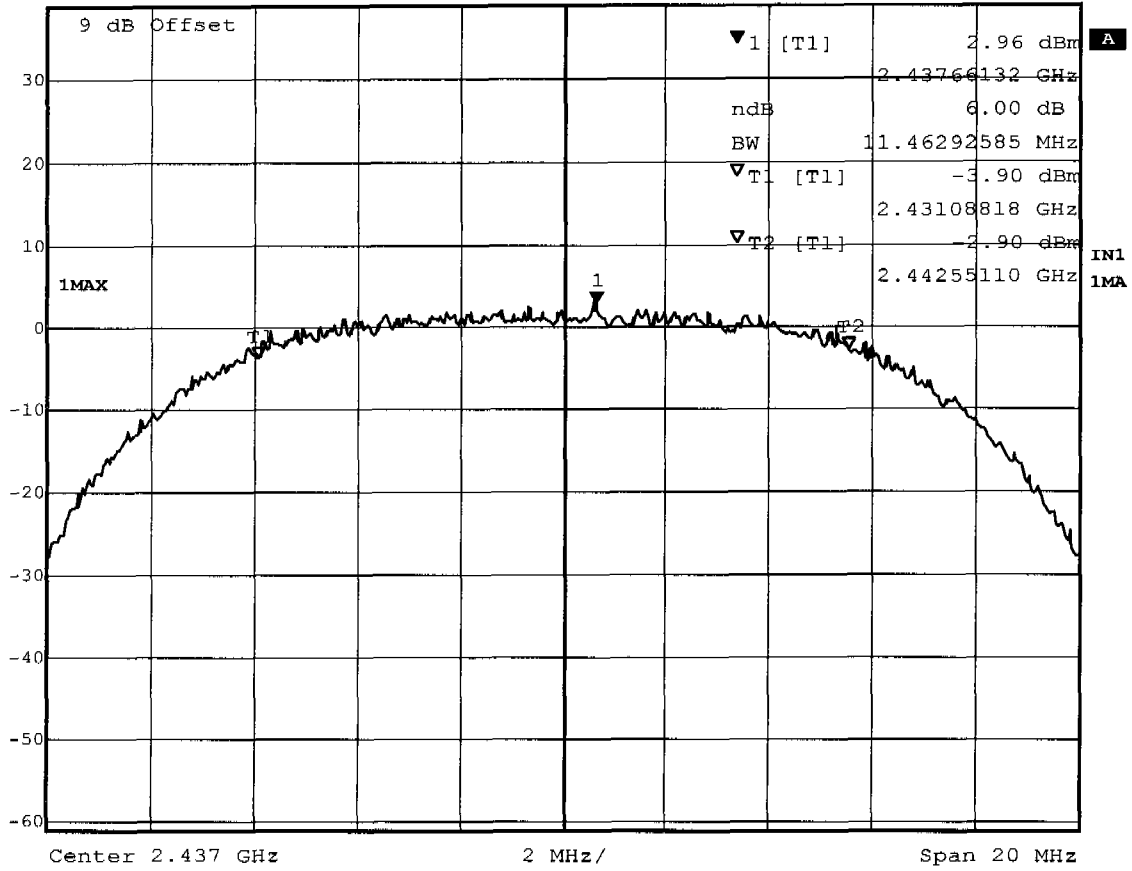


Center 2.412 GHz 2 MHz/ Span 20 MHz

Title: 11B CH1 BANDWIDTH  
Date: 18.FEB.2004 21:36:06



Marker 1 [T1 ndB]      RBW 100 kHz      RF Att 40 dB  
Ref Lvl      ndB      6.00 dB      VBW 300 kHz  
39 dBm      BW 11.46292585 MHz      SWT 500 ms      Unit dBm

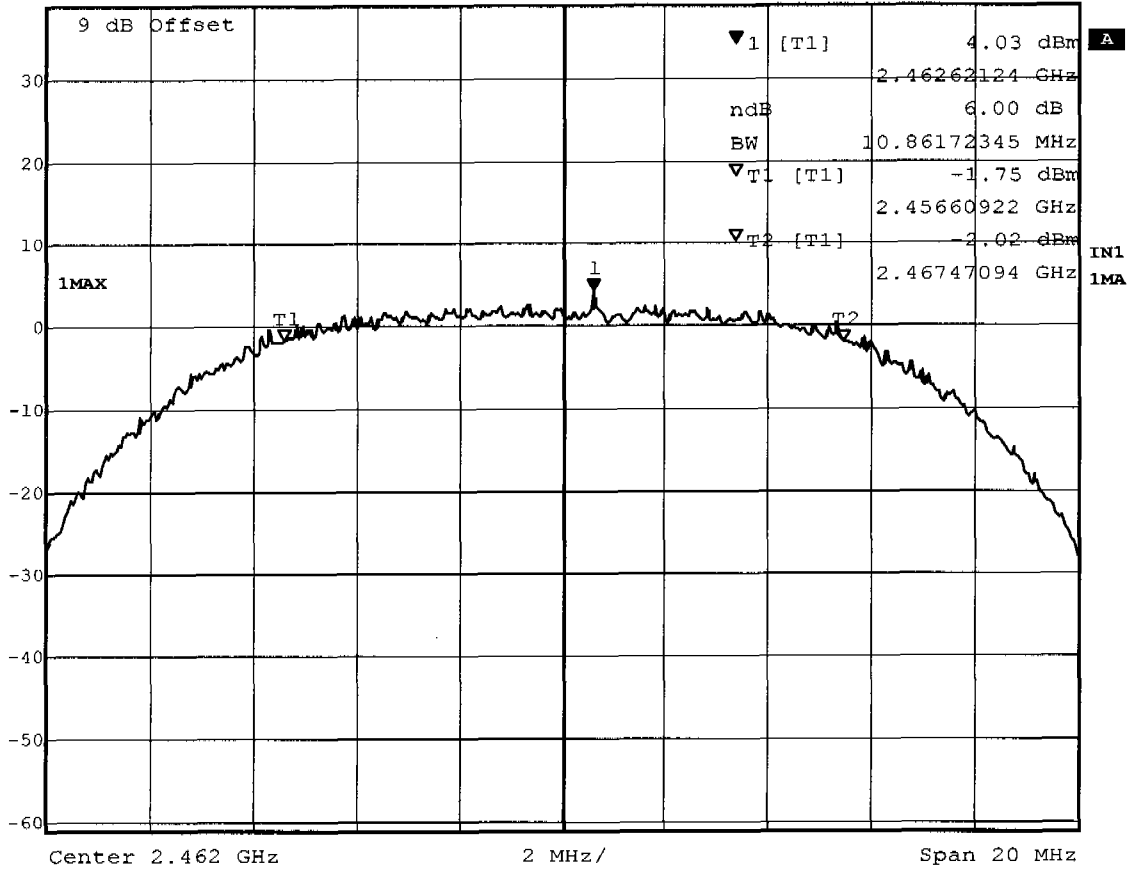


Title: 11B CH6 BANDWIDTH  
Date: 18.FEB.2004 21:35:13





Marker 1 [T1 ndB]      RBW 100 kHz      RF Att 40 dB  
Ref Lvl      ndB      6.00 dB      VBW 300 kHz  
39 dBm      BW 10.86172345 MHz      SWT 500 ms      Unit dBm



Title: 11B CH11 BANDWIDTH  
Date: 18.FEB.2004 21:34:32



## Appendix F

Peak Power Spectral Density



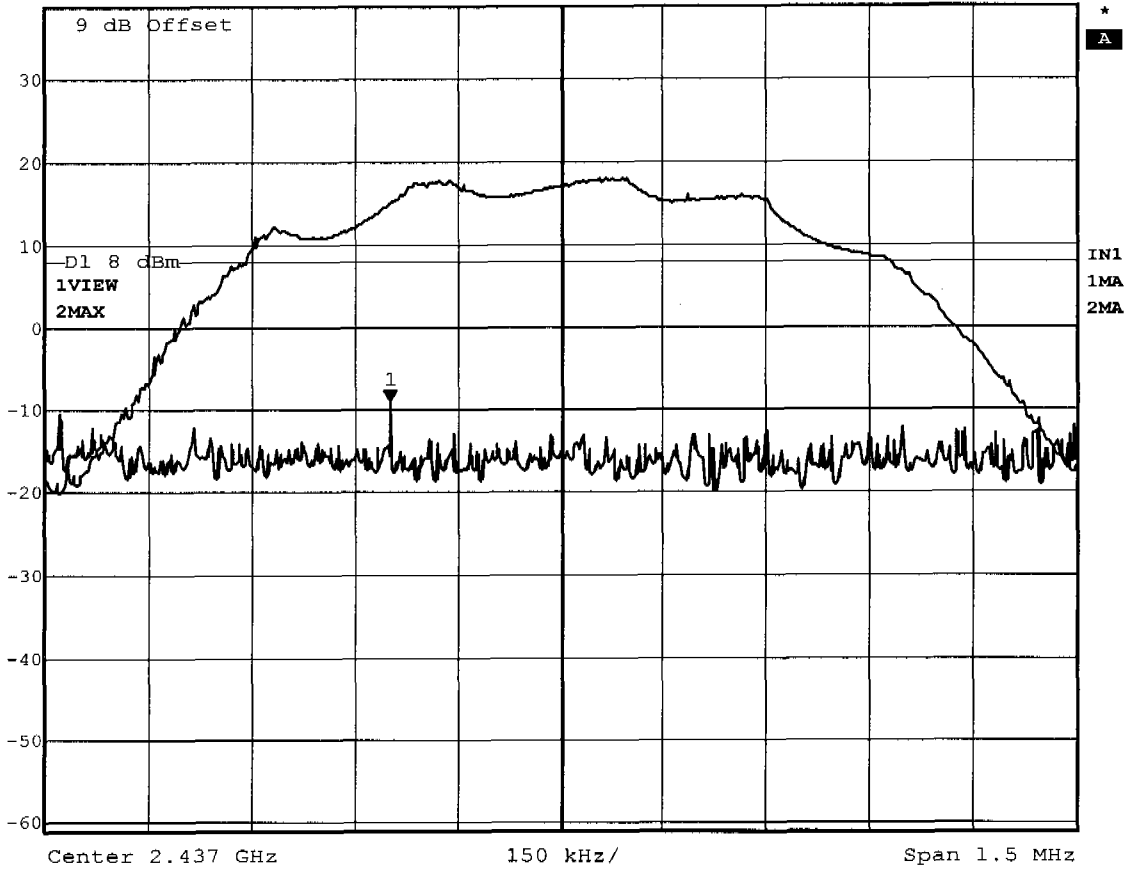
Marker 1 [T2] RBW 3 kHz RF Att 40 dB  
Ref Lvl -8.46 dBm VBW 100 kHz  
39 dBm 2.41145140 GHz SWT 500 s Unit dBm



Title: 11B CH1 POWER DENSITY  
Date: 26.MAR.2004 01:27:41



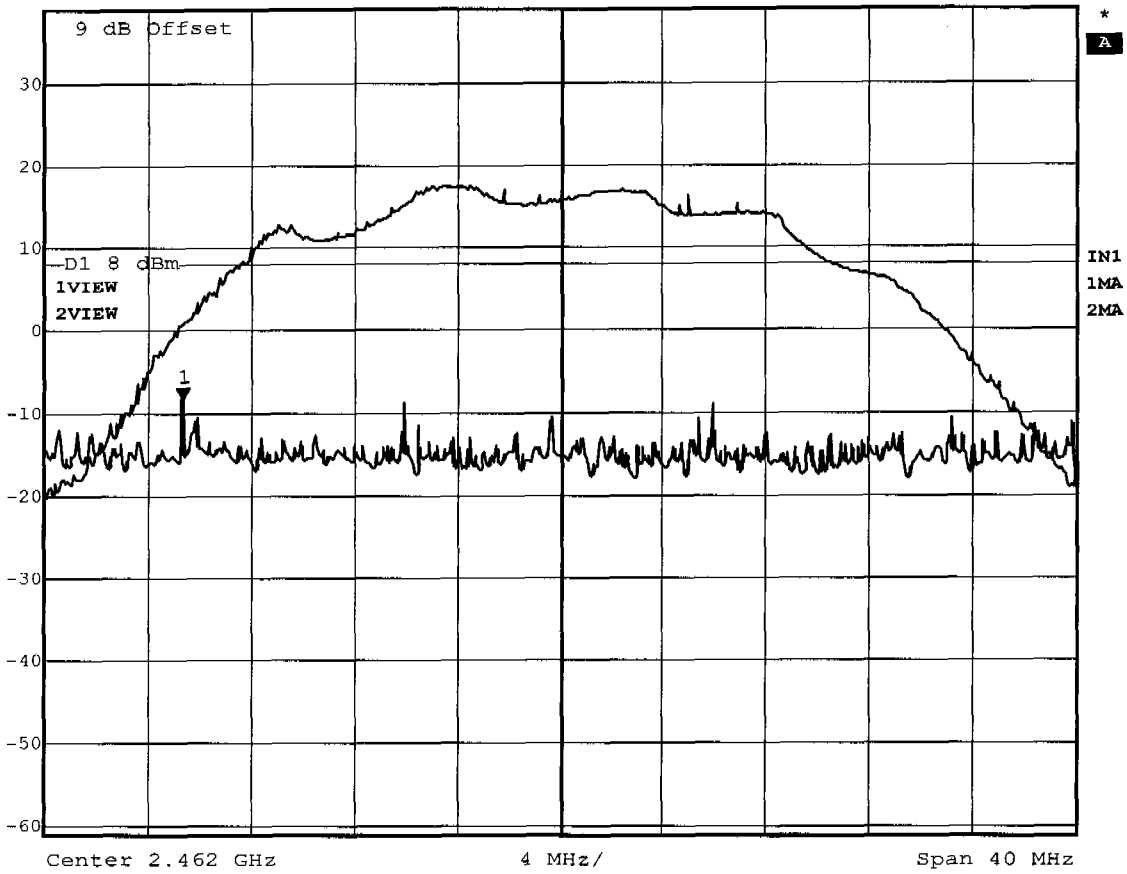
Marker 1 [T2] RBW 3 kHz RF Att 40 dB  
Ref Lvl -9.14 dBm VBW 100 kHz  
39 dBm 2.43675200 GHz SWT 500 s Unit dBm



Title: 11B CH6 POWER DENSITY  
Date: 26.MAR.2004 01:30:31



Marker 1 [T2]      RBW    3 kHz    RF Att    40 dB  
Ref Lvl            -8.35 dBm    VBW    100 kHz  
39 dBm            2.44737074 GHz    SWT    500 s    Unit            dBm



Title:    11B CH11 POWER DENSITY  
Date:    26.MAR.2004 01:57:12



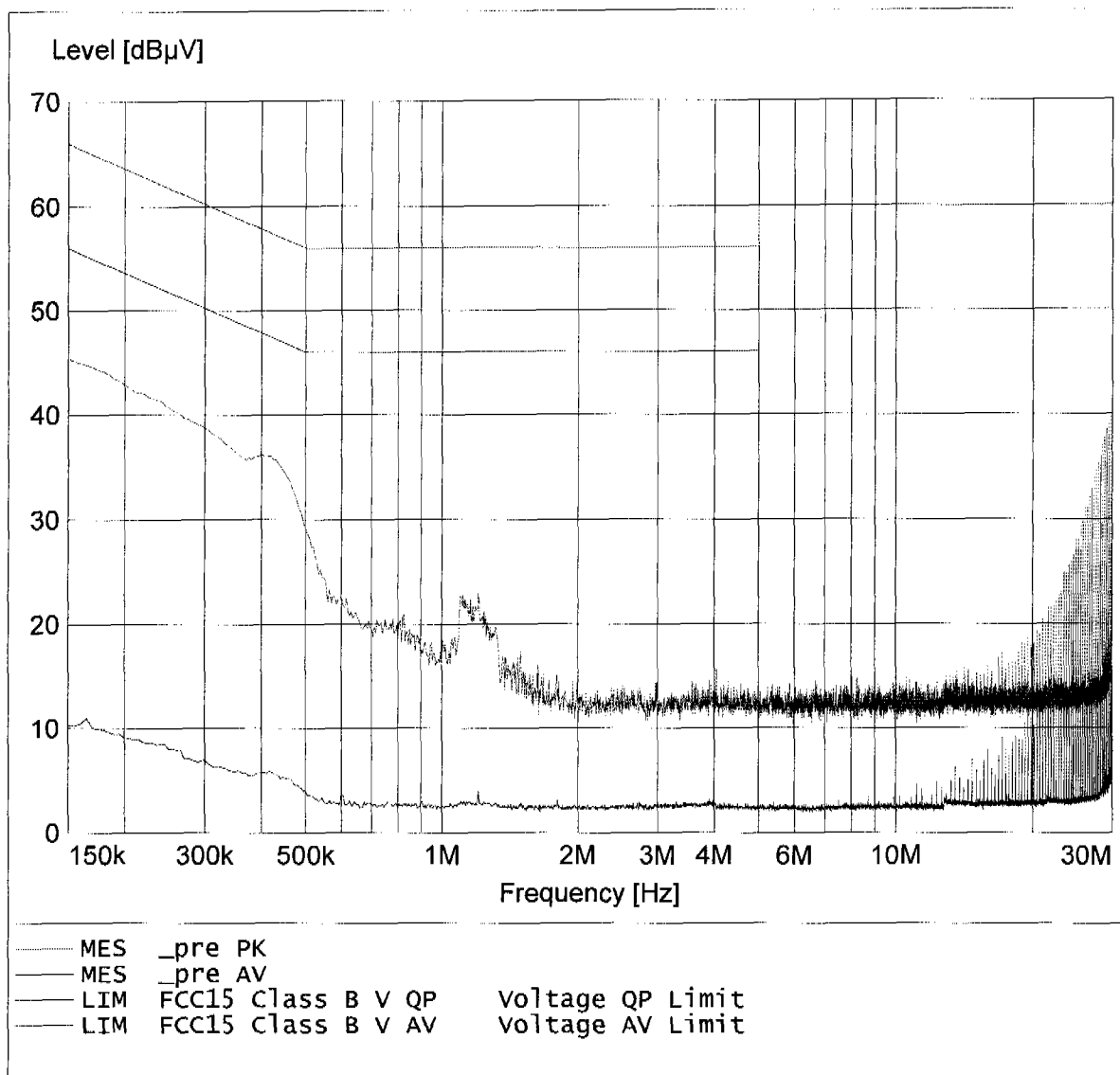
## Appendix G

Conducted Emission at (AC) Power Line

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

**Class B**

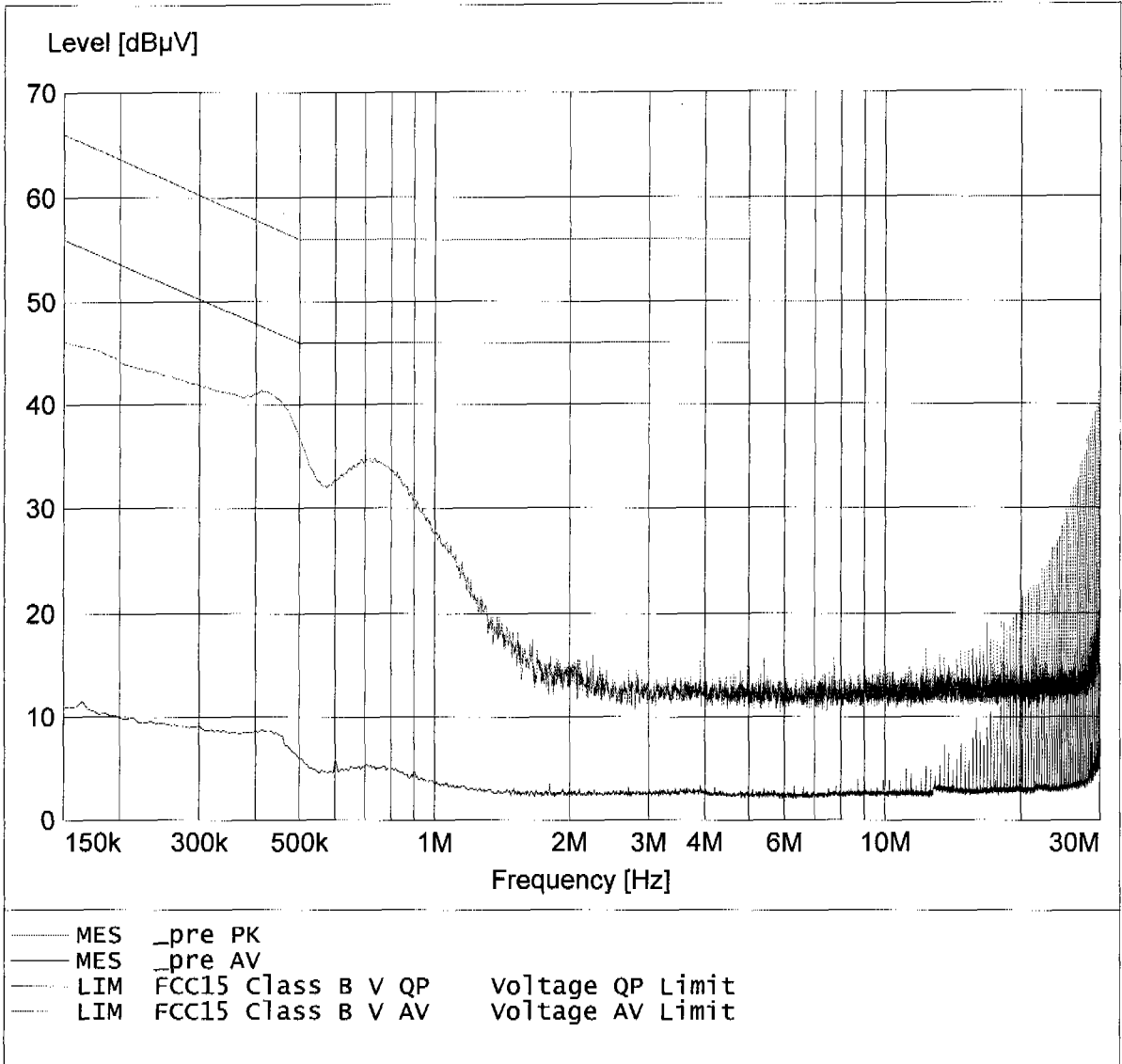
EUT: AP 11b Low Channel  
Manufacturer: SerComm Corporation  
Operating Condition: Unom: 120 VAC(AC/DC adaptor ) Tnom: 23°C  
Test Site: ETS  
Operator: Jeremy Shen  
Test Specification: V-network: ESH3-Z5 N  
Comment: model: AP51GA mode : active



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

**Class B**

EUT: AP 11b Low Channel  
Manufacturer: SerComm Corporation  
Operating Condition: Unom: 120 VAC(AC/DC adaptor ) Tnom: 23°C  
Test Site: ETS  
Operator: Jeremy Shen  
Test Specification: V-network: ESH3-Z5 L1  
Comment: model: AP51GA mode : active

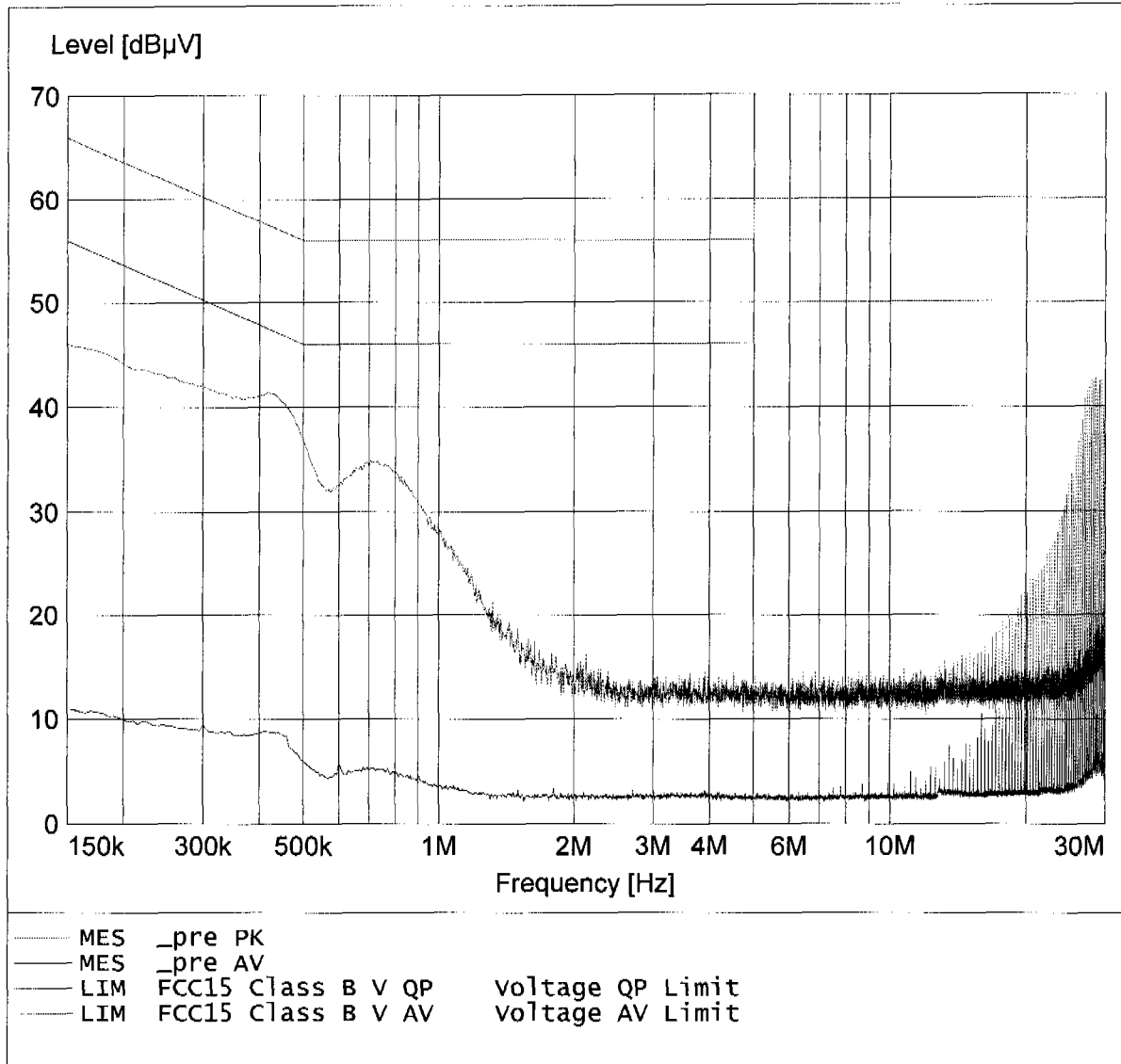




**EMI voltage test in the ac-mains according to FCC Part 15**

**Class B**

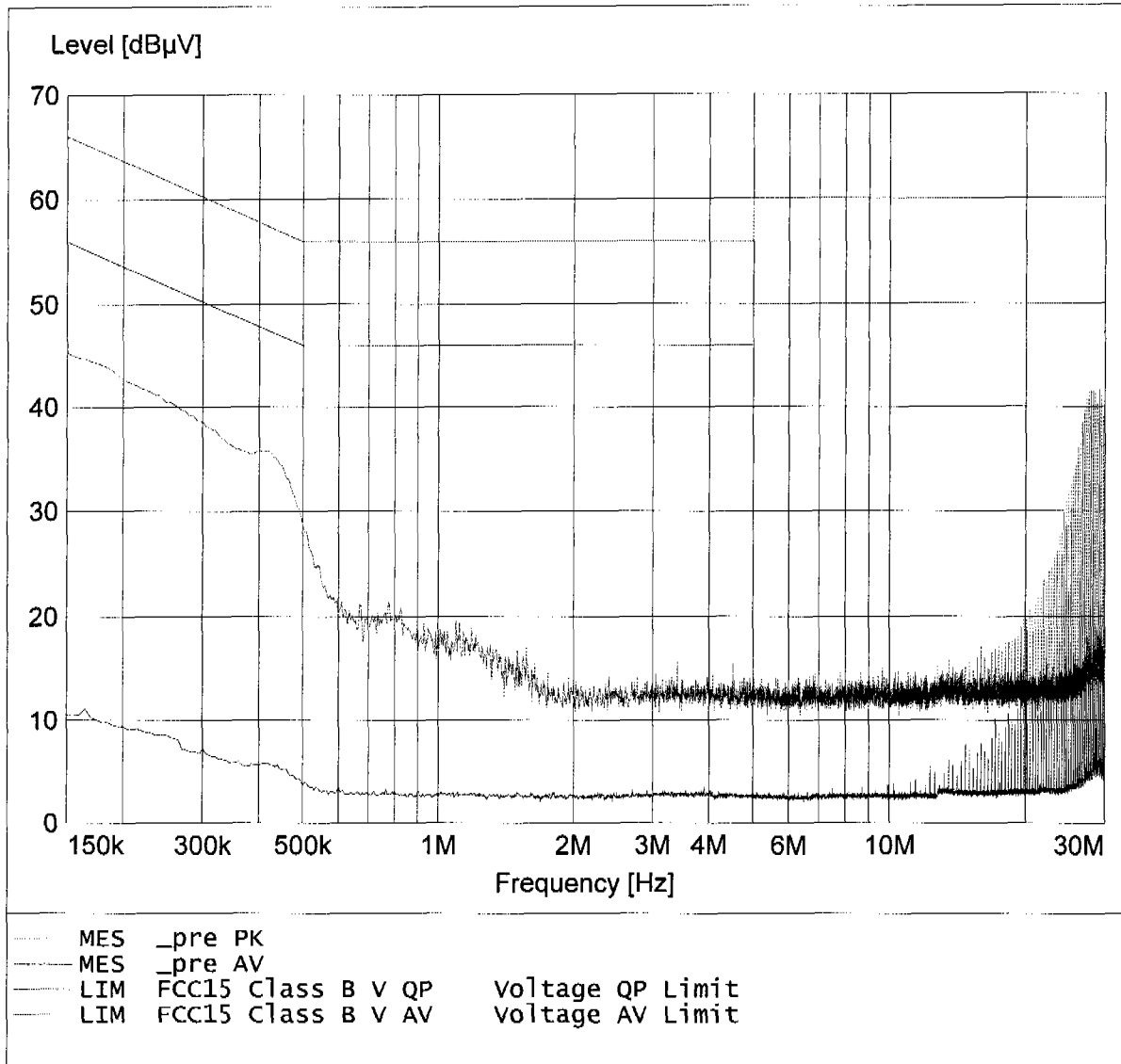
EUT: AP 11b Middle Channel  
Manufacturer: SerComm Corporation  
Operating Condition: Unom: 120 VAC(AC/DC adaptor ) Tnom: 23°C  
Test Site: ETS  
Operator: Jeremy Shen  
Test Specification: V-network: ESH3-Z5 L1  
Comment: model: AP51GA mode : active



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

**Class B**

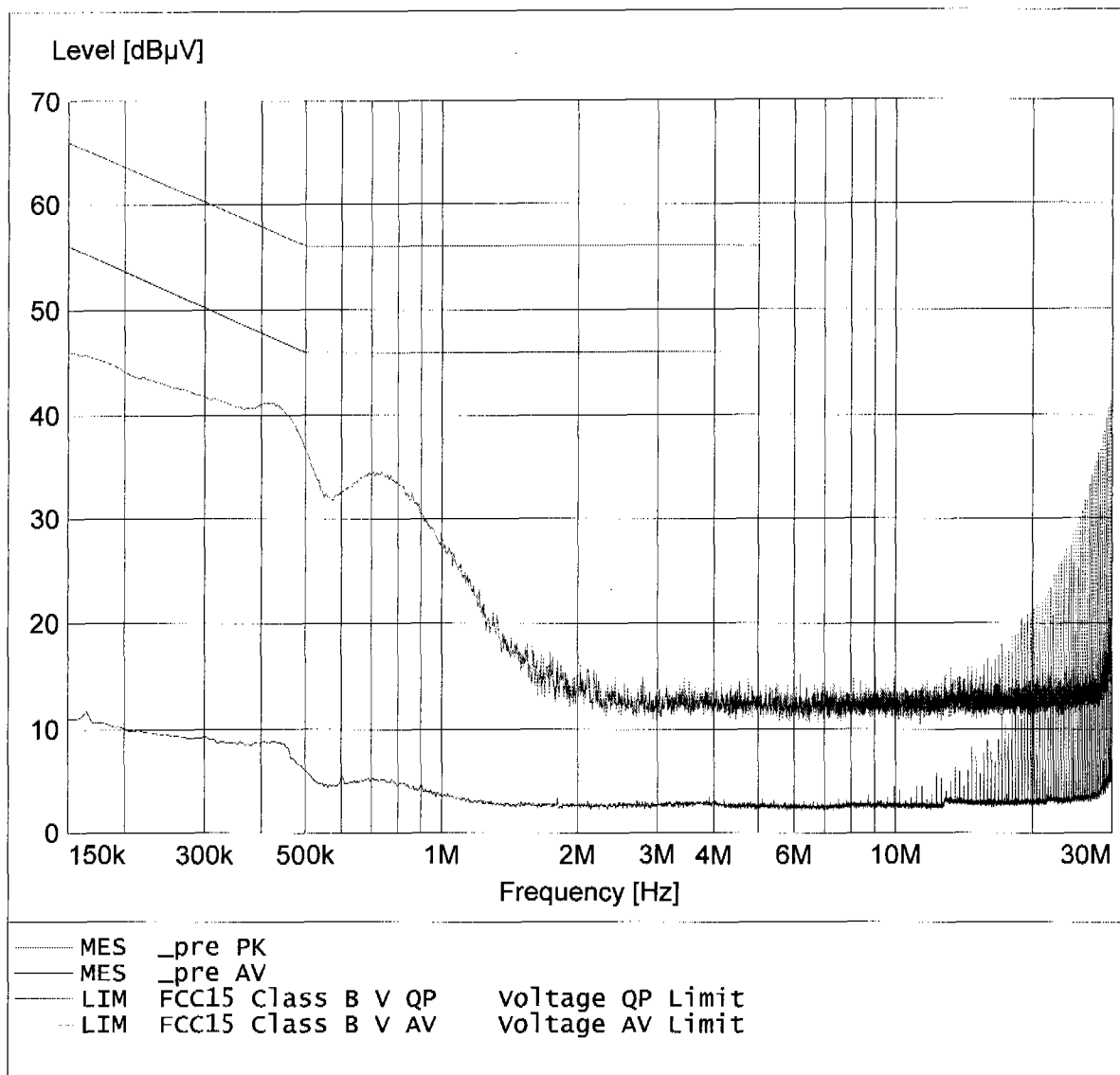
EUT: AP 11b Middle Channel  
Manufacturer: SerComm Corporation  
Operating Condition: Unom: 120 VAC(AC/DC adaptor ) Tnom: 23°C  
Test Site: ETS  
Operator: Jeremy Shen  
Test Specification: V-network: ESH3-Z5 N  
Comment: model: AP51GA mode : active



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

**Class B**

EUT: AP 11b High Channel  
Manufacturer: SerComm Corporation  
Operating Condition: Unom: 120 VAC(AC/DC adaptor ) Tnom: 23°C  
Test Site: ETS  
Operator: Jeremy Shen  
Test Specification: V-network: ESH3-Z5 L1  
Comment: model: AP51GA mode : active



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

Class B

EUT: AP 11b High Channel  
Manufacturer: SerComm Corporation  
Operating Condition: Unom: 120 VAC(AC/DC adaptor ) Tnom: 23°C  
Test Site: ETS  
Operator: Jeremy Shen  
Test Specification: V-network: ESH3-Z5 N  
Comment: model: AP51GA mode : active

