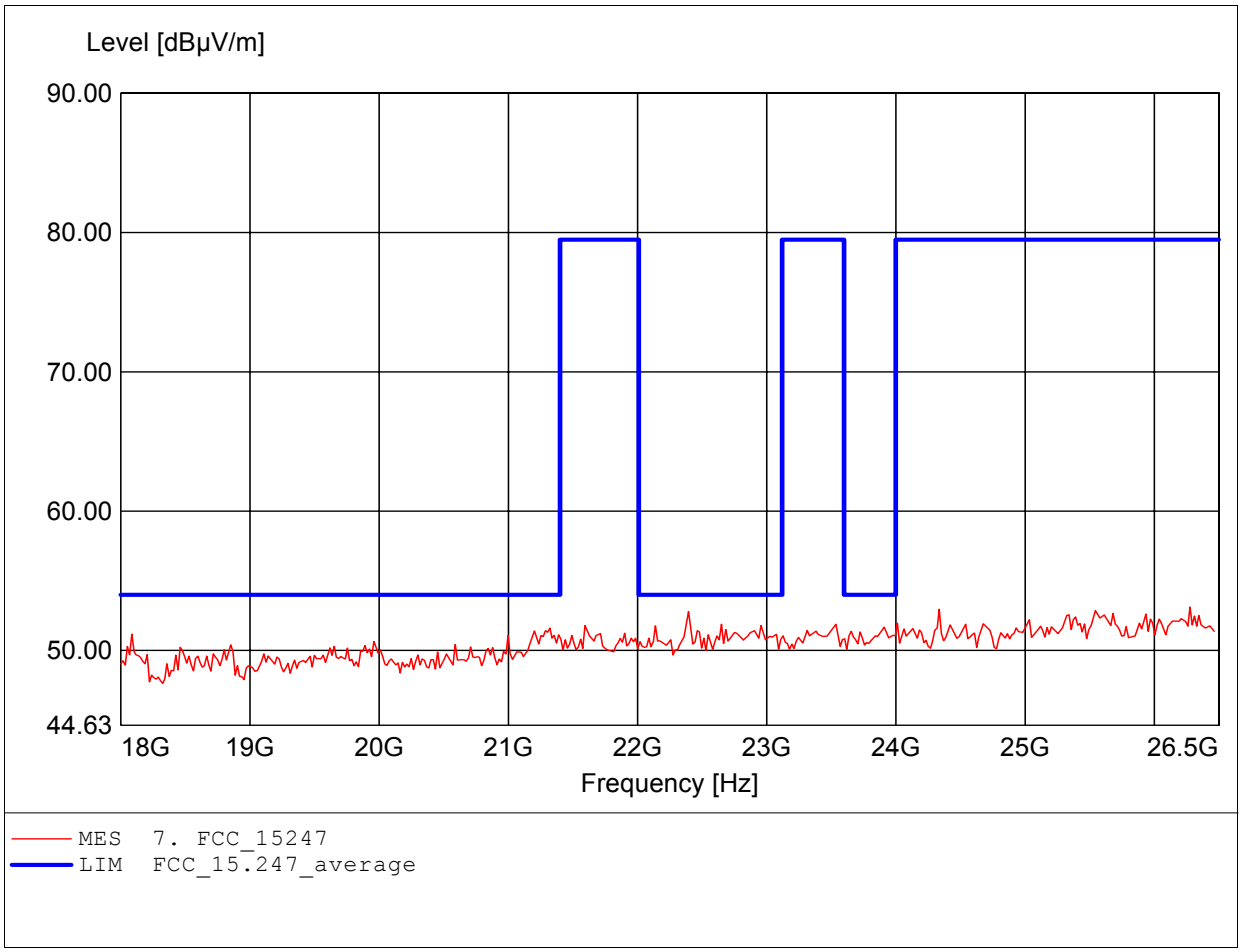
Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

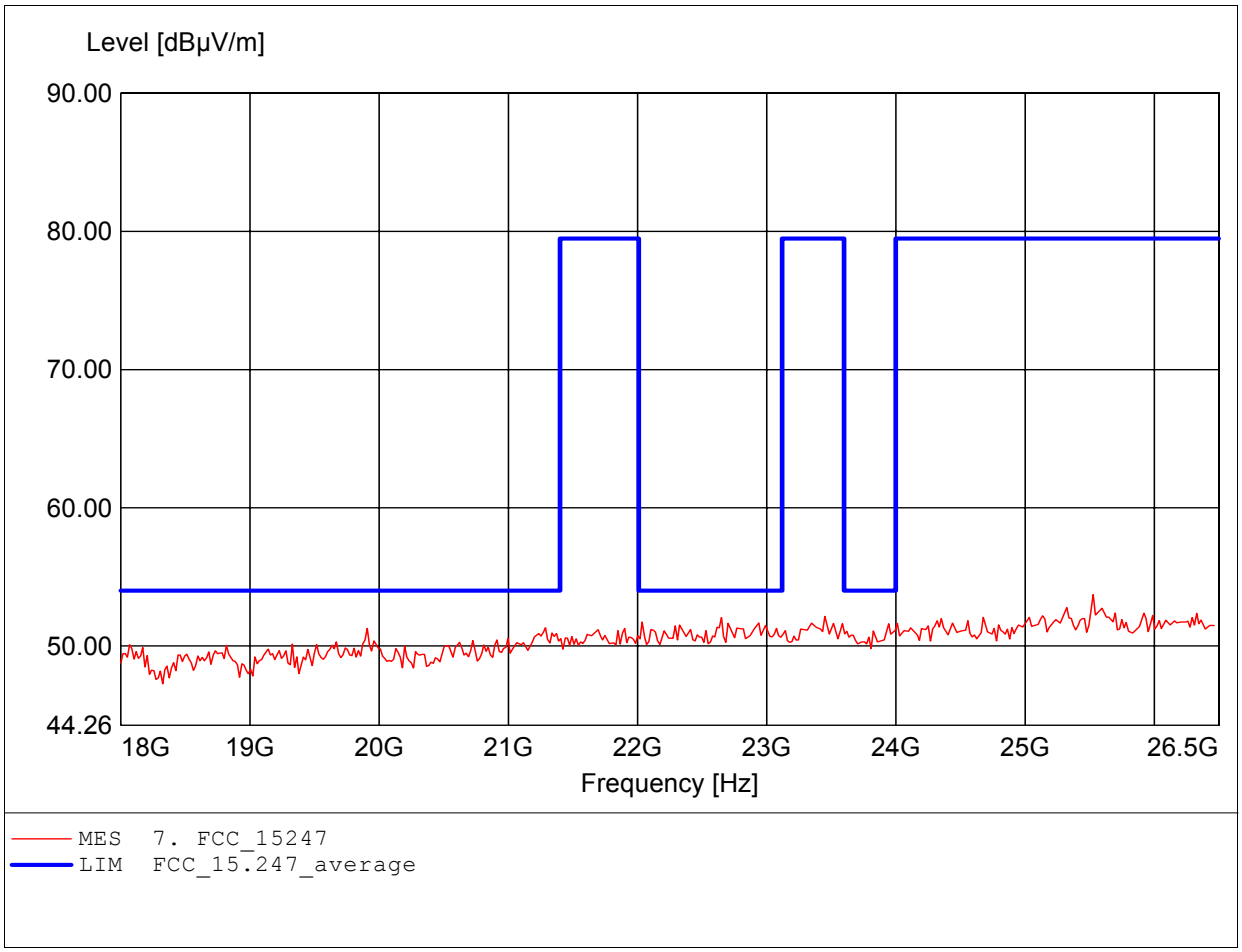
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH6
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
	Freq: 26.279GHz, Emax: 53.12dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

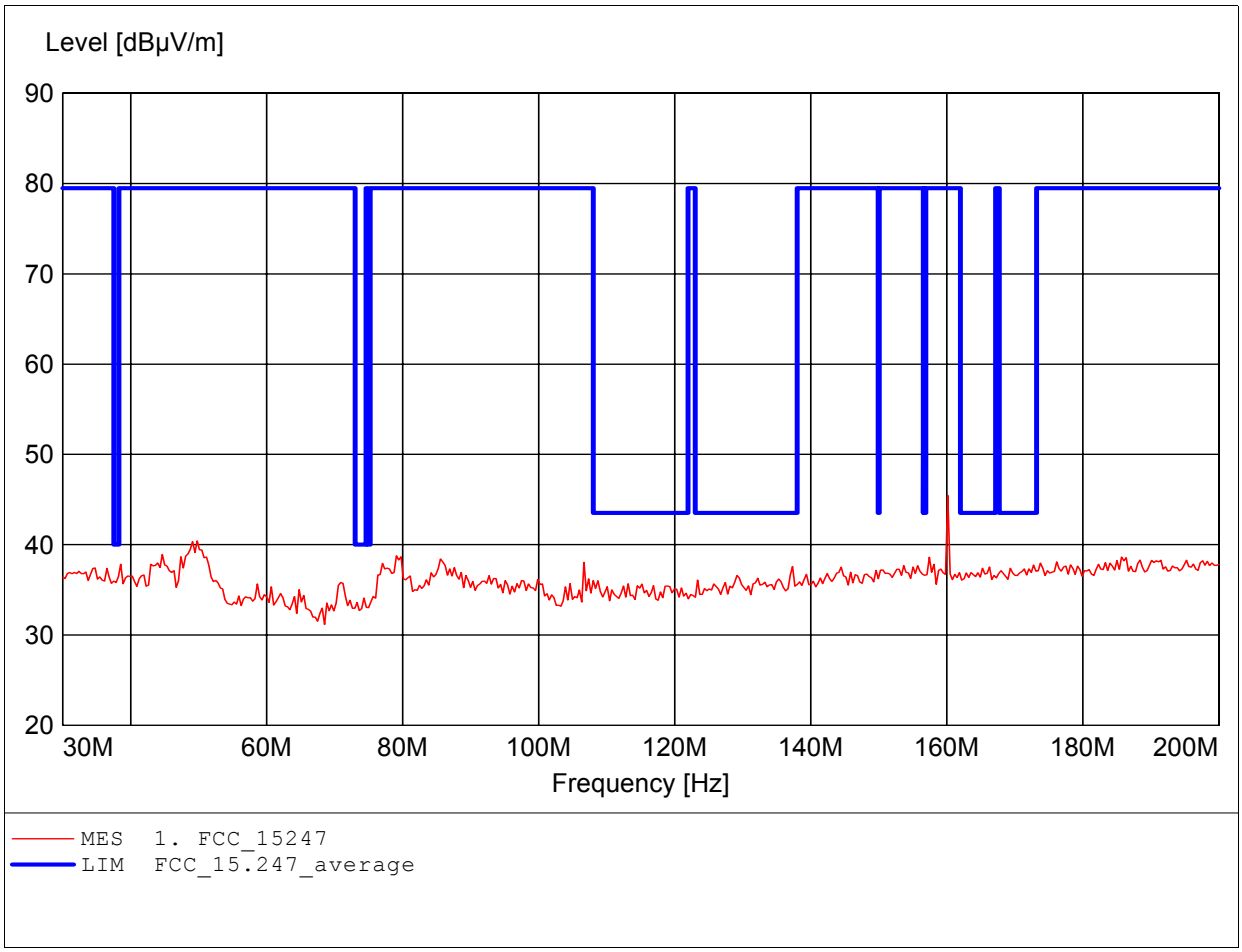
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH6
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
	Freq: 25.529GHz, Emax: 53.72dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

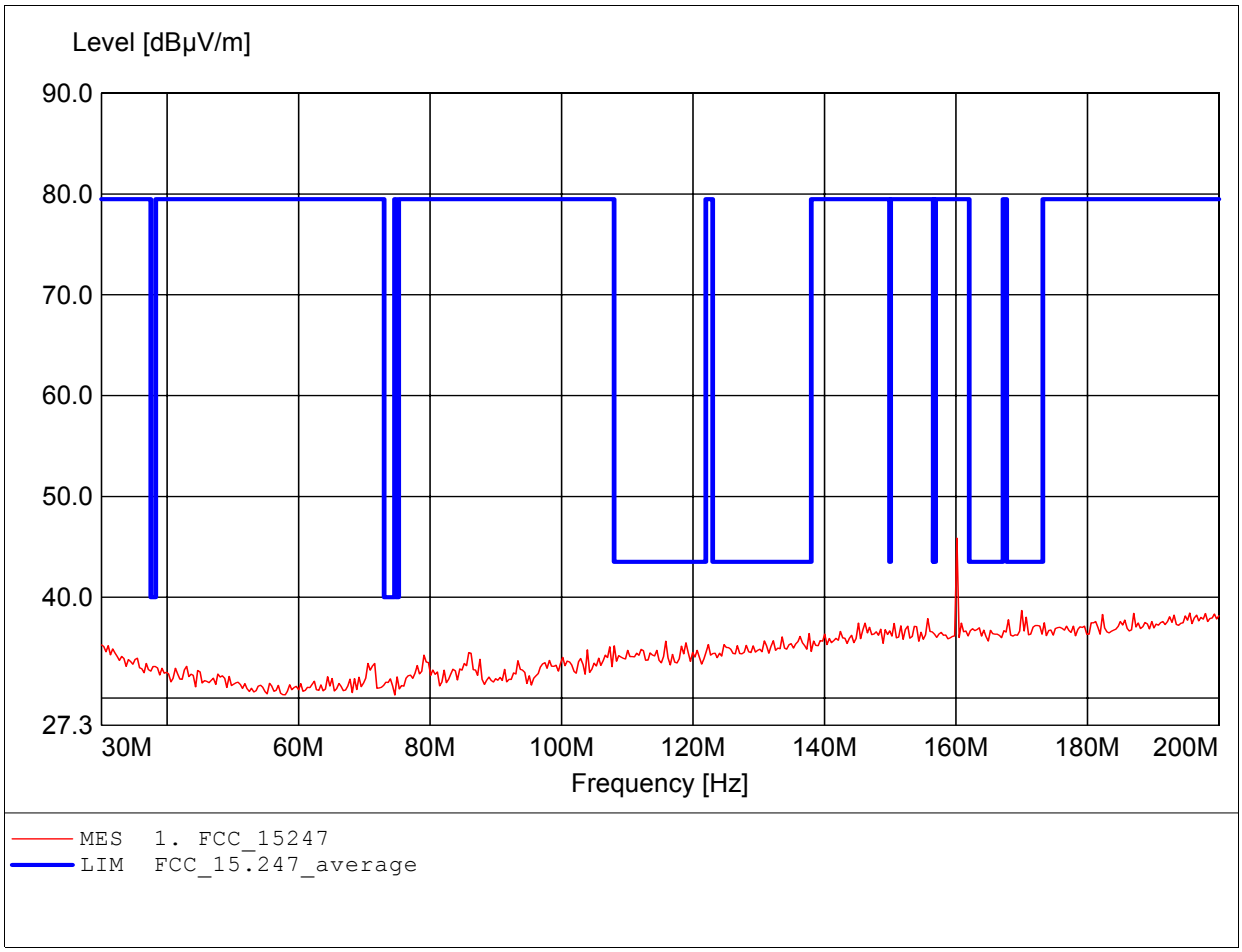
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HK 116
	Freq: 160.140MHz, Emax: 45.47dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

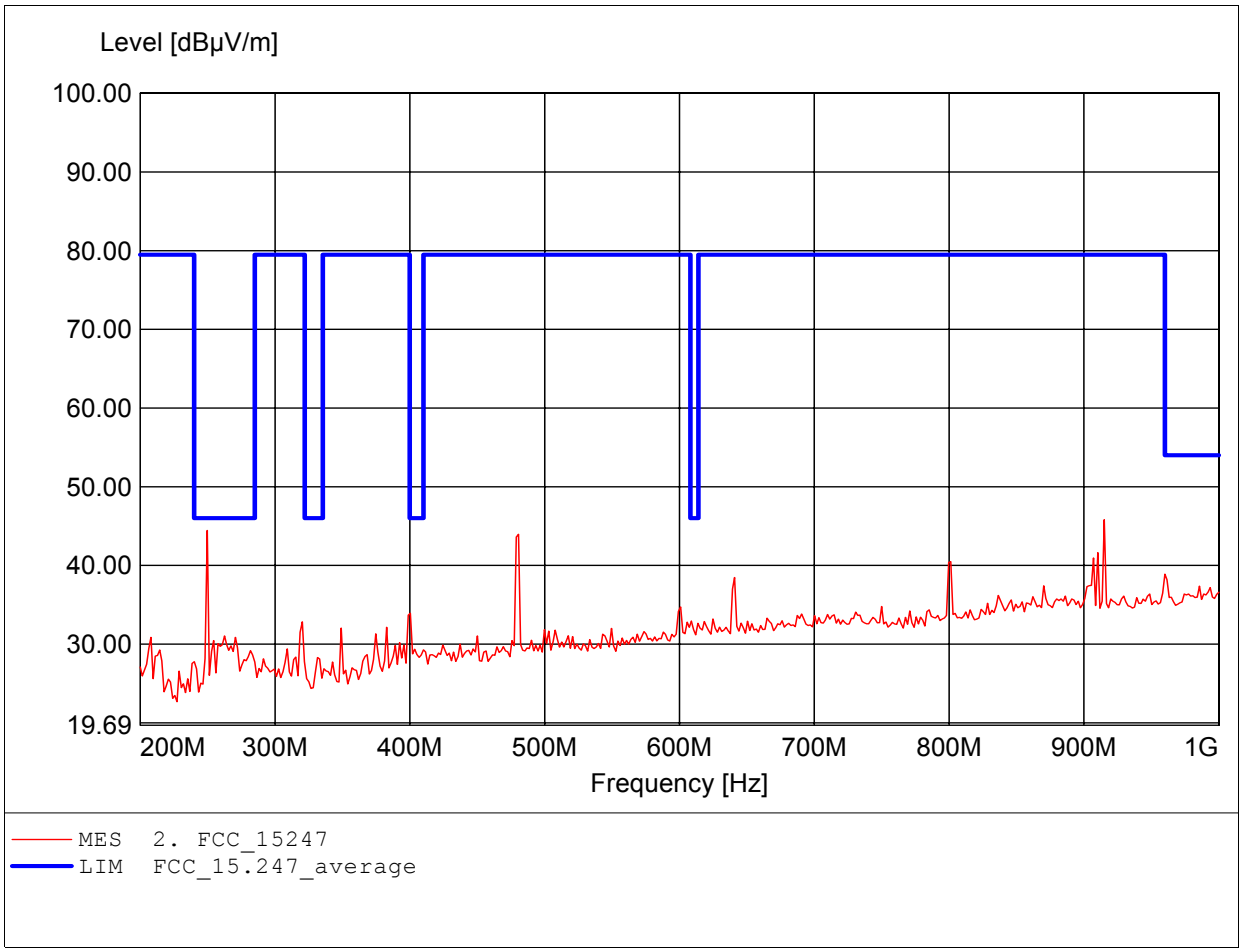
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HK 116
	Freq: 160.140MHz, Emax: 45.85dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

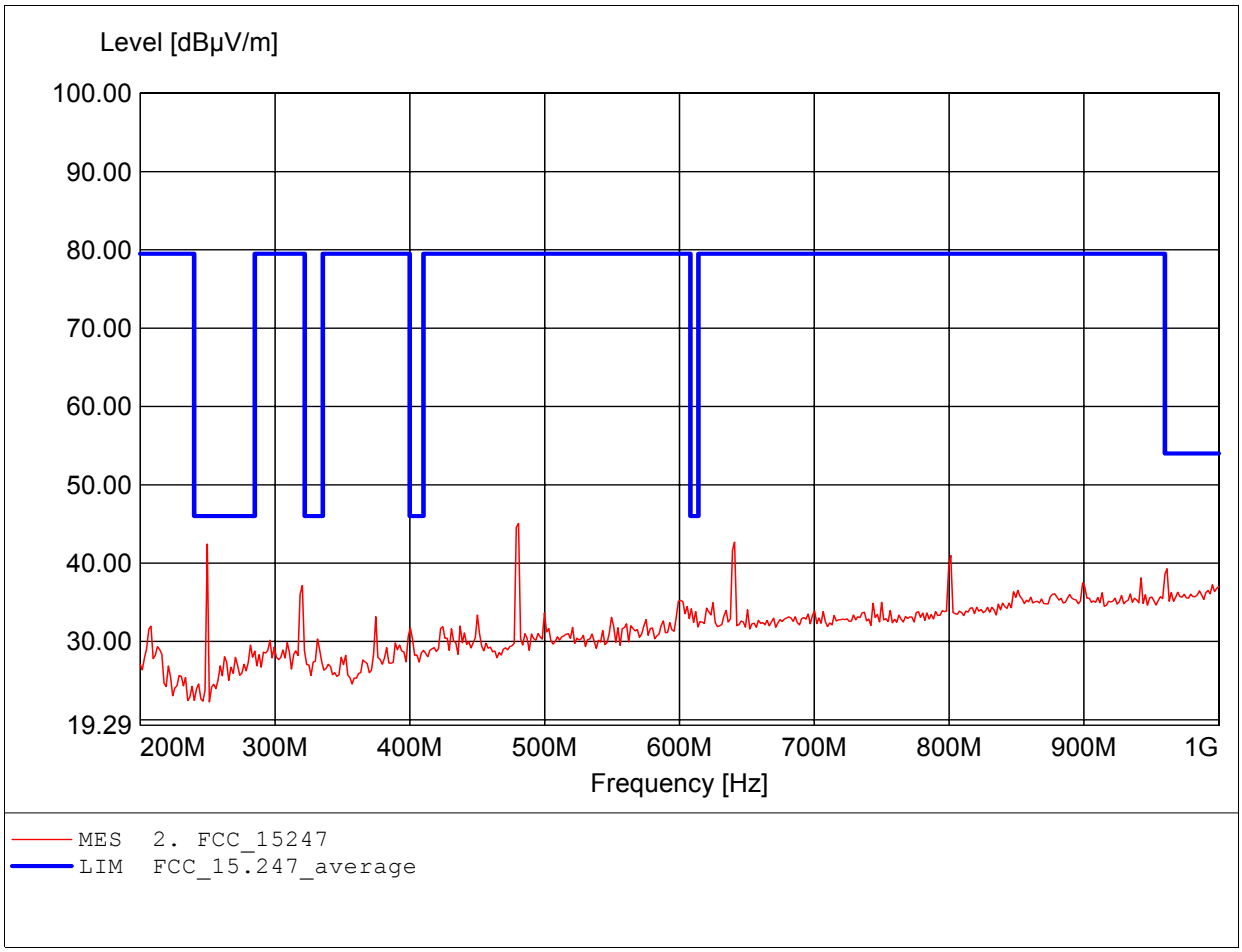
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HL 223,
	Freq: 915.030MHz, Emax: 45.79dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

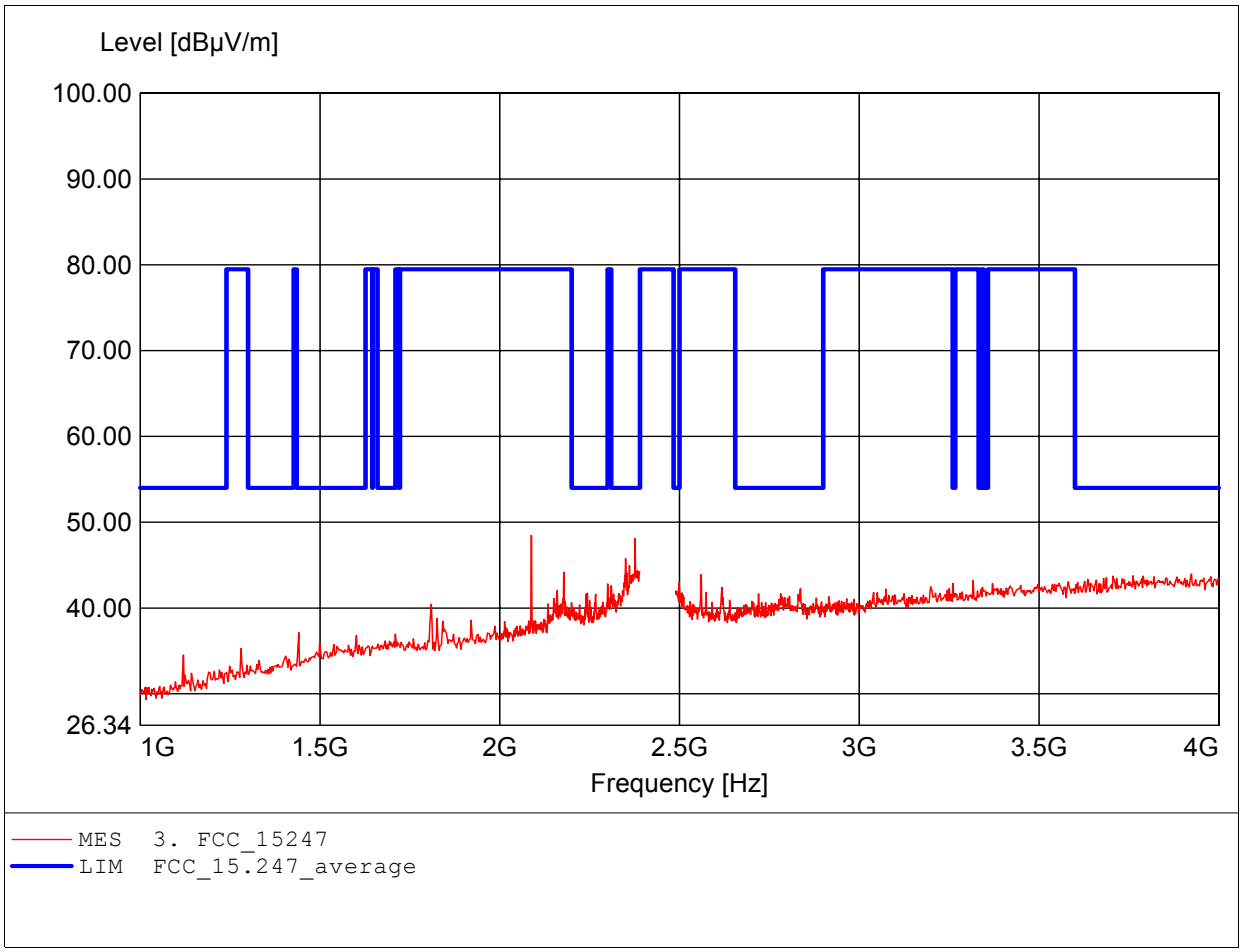
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247
Comment 1:	Dist.: 3m, Ant.: HL 223,
	Freq: 480.561MHz, Emax: 45.07dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

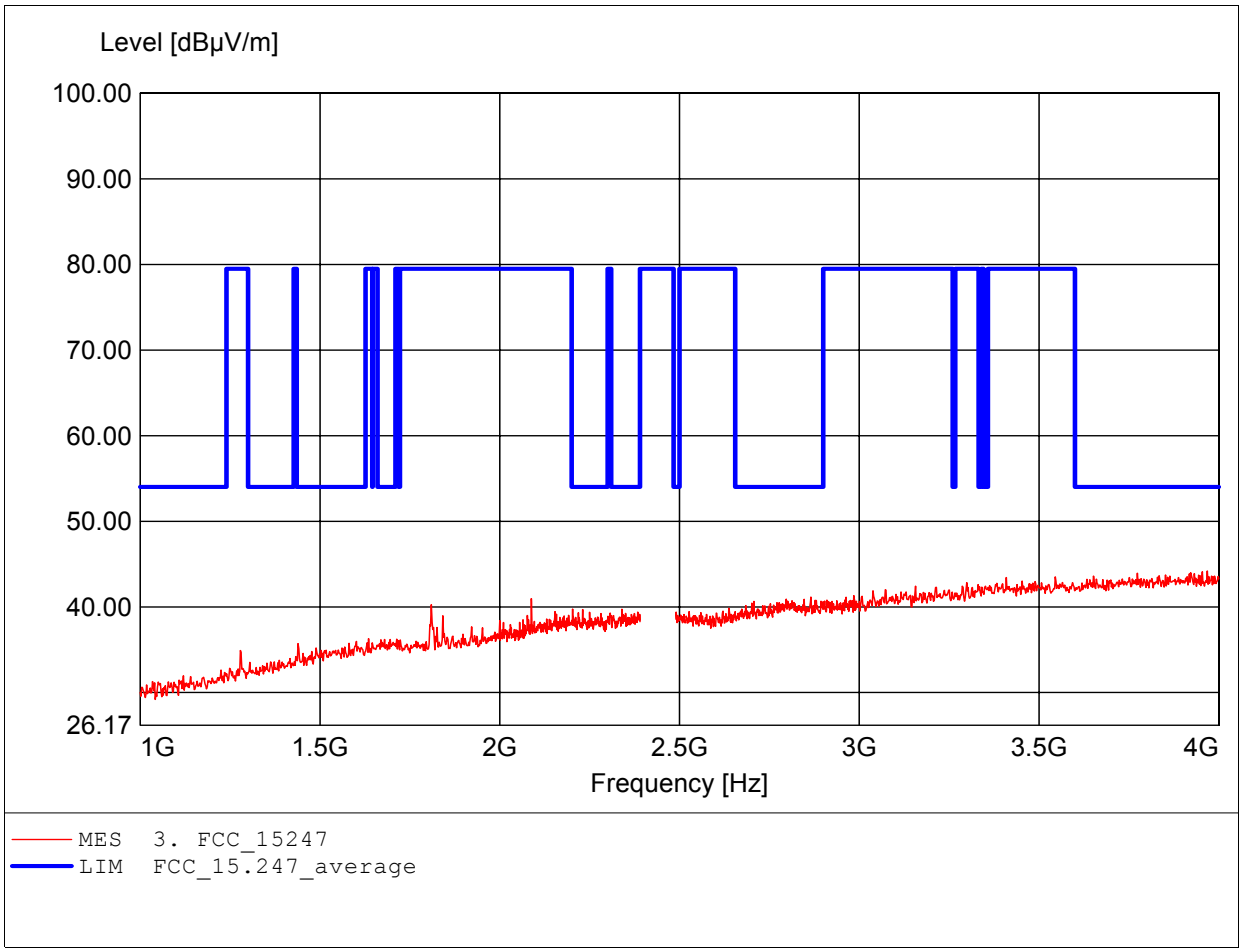
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
	Freq: 2.088GHz, Emax: 48.48dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

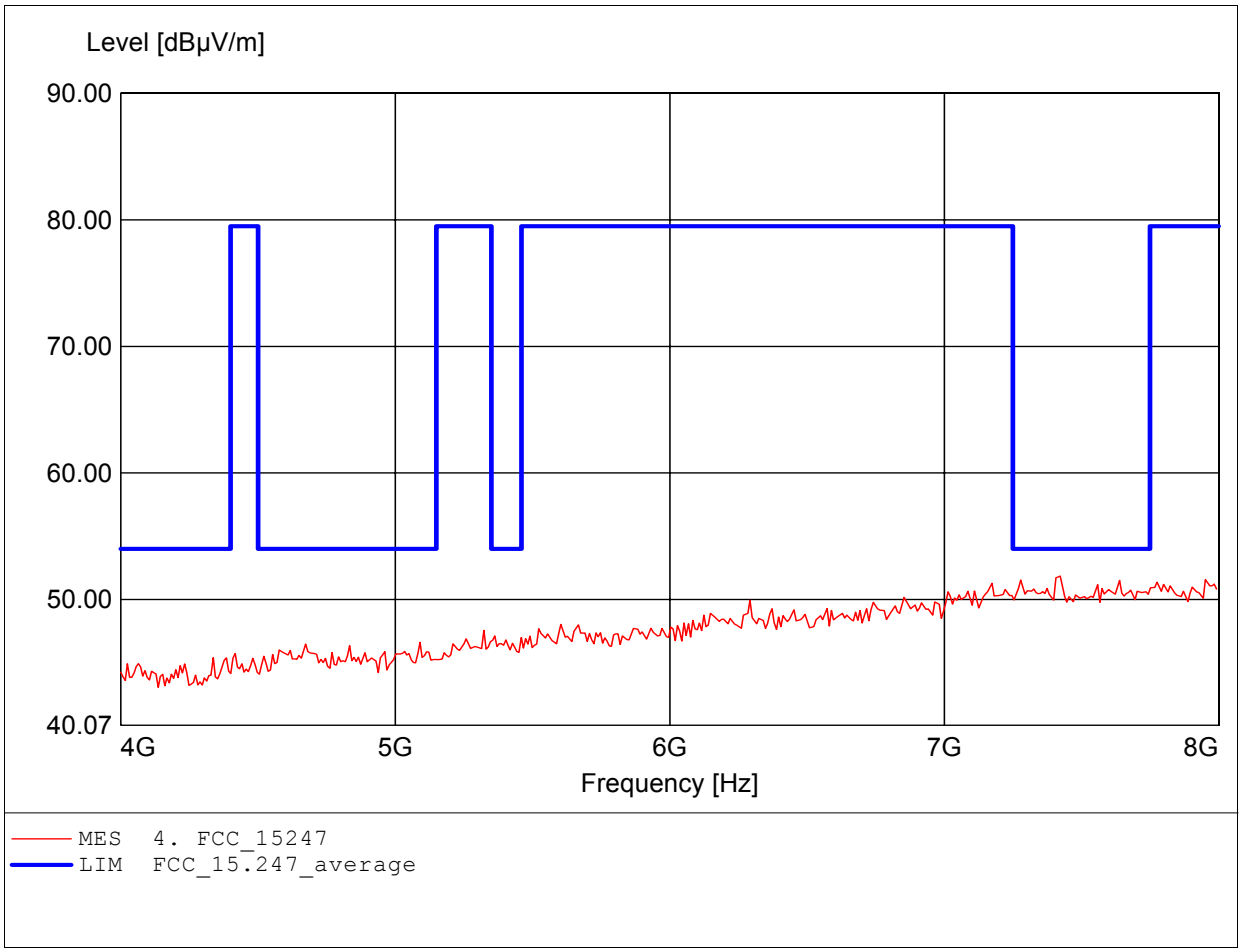
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
	Freq: 3.968GHz, Emax: 44.20dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

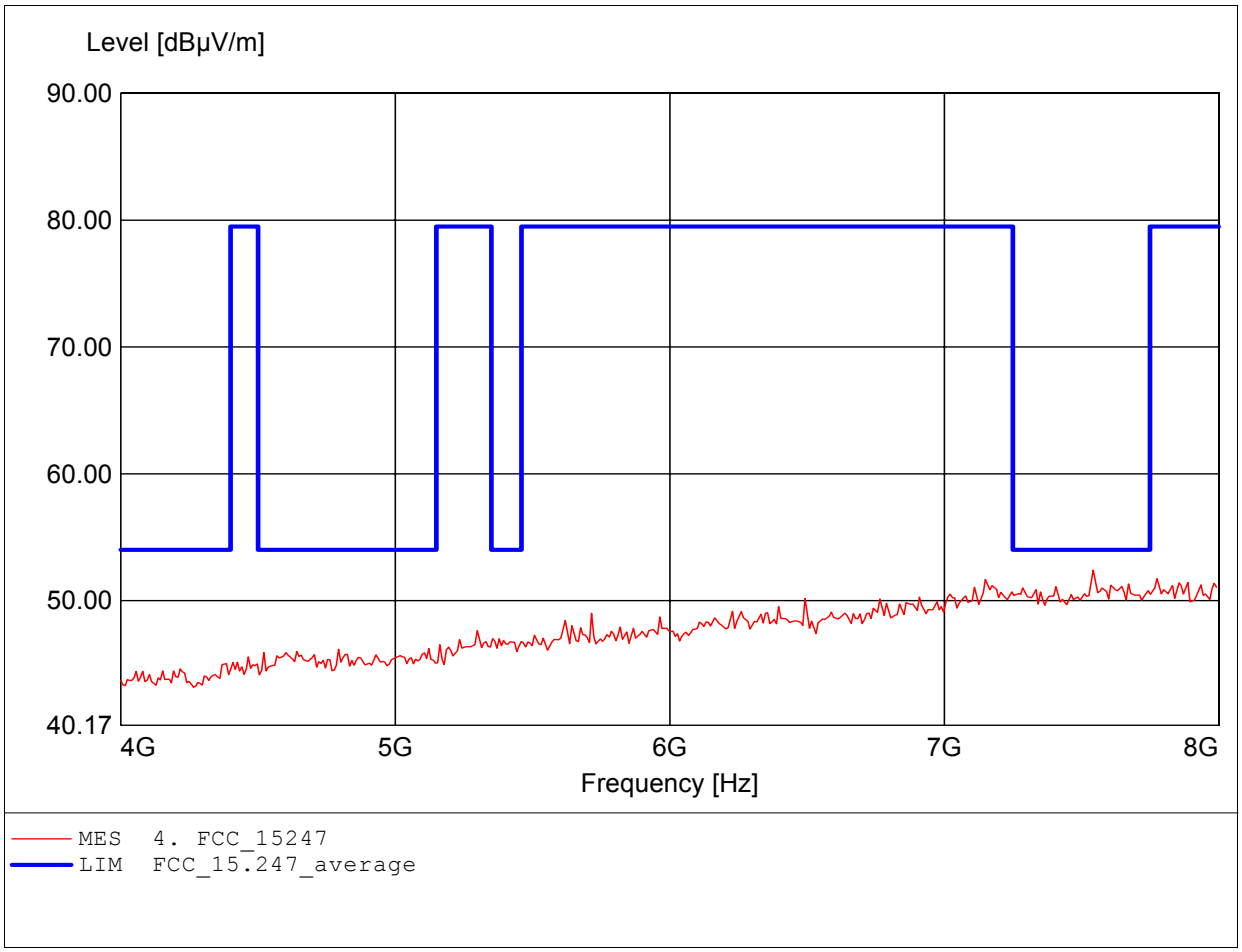
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, ampl.+HP.
	Freq: 7.423GHz, Emax: 51.86dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

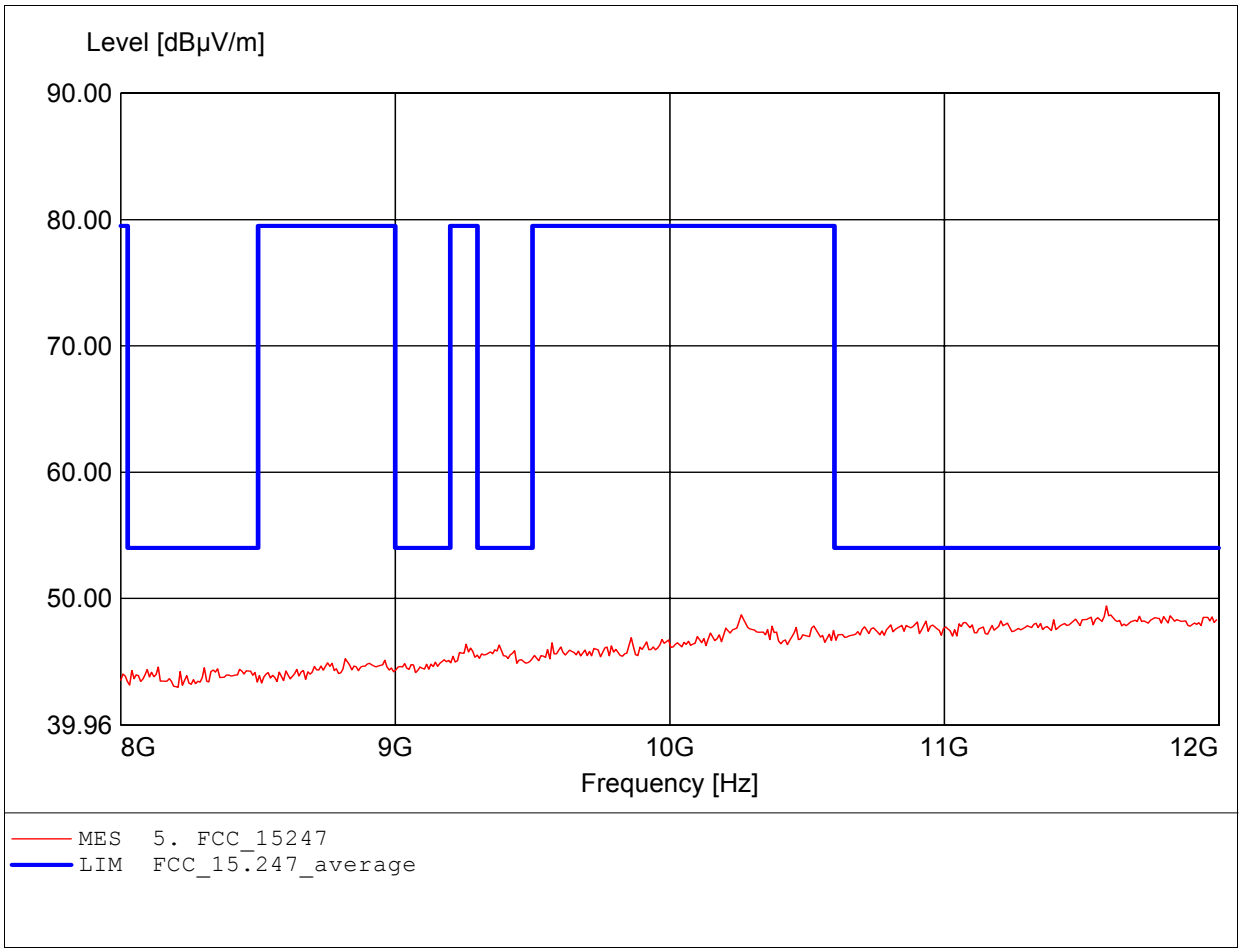
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, ampl.+HP.
	Freq: 7.543GHz, Emax: 52.40dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

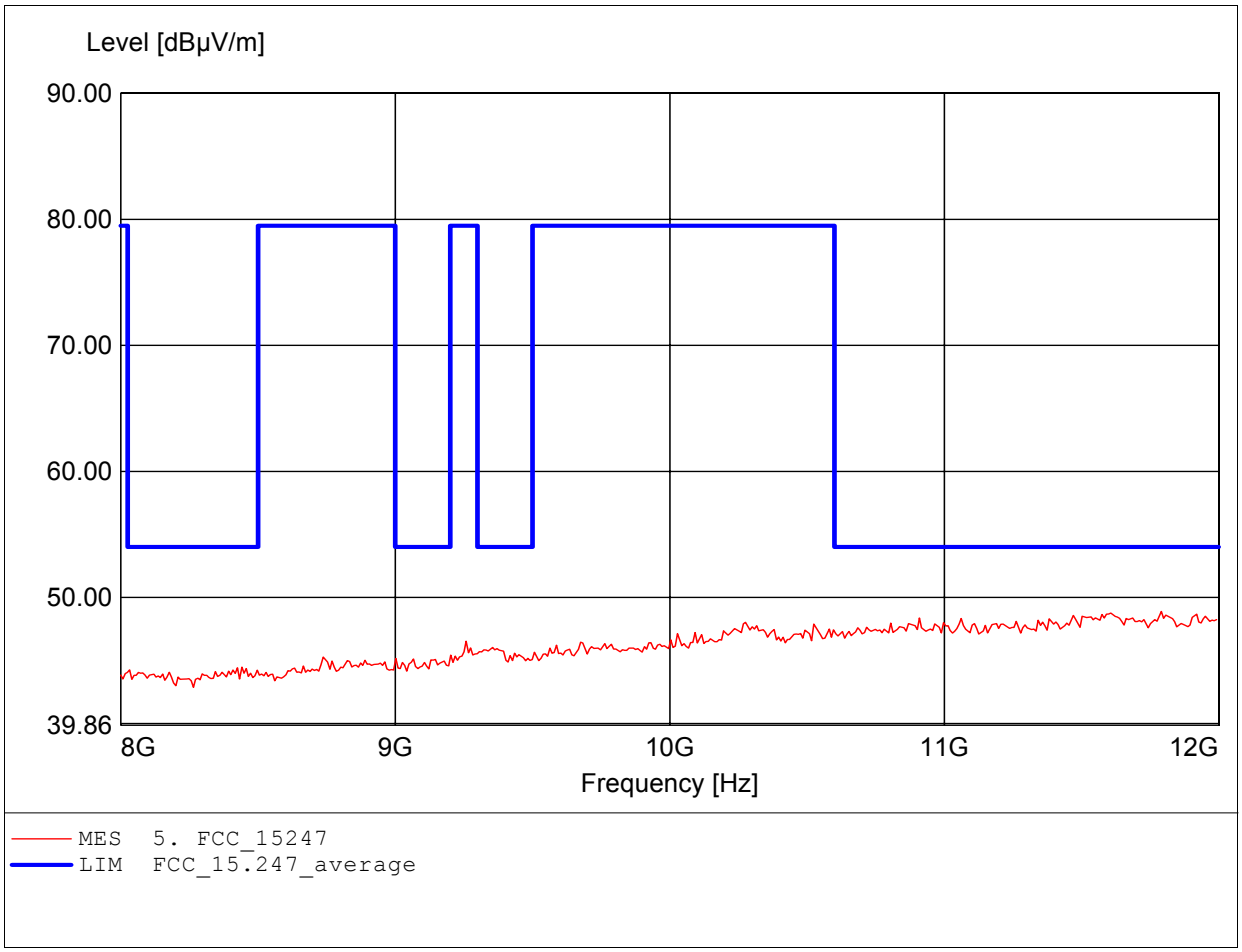
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, ampl.+HP.
	Freq: 11.591GHz, Emax: 49.39dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

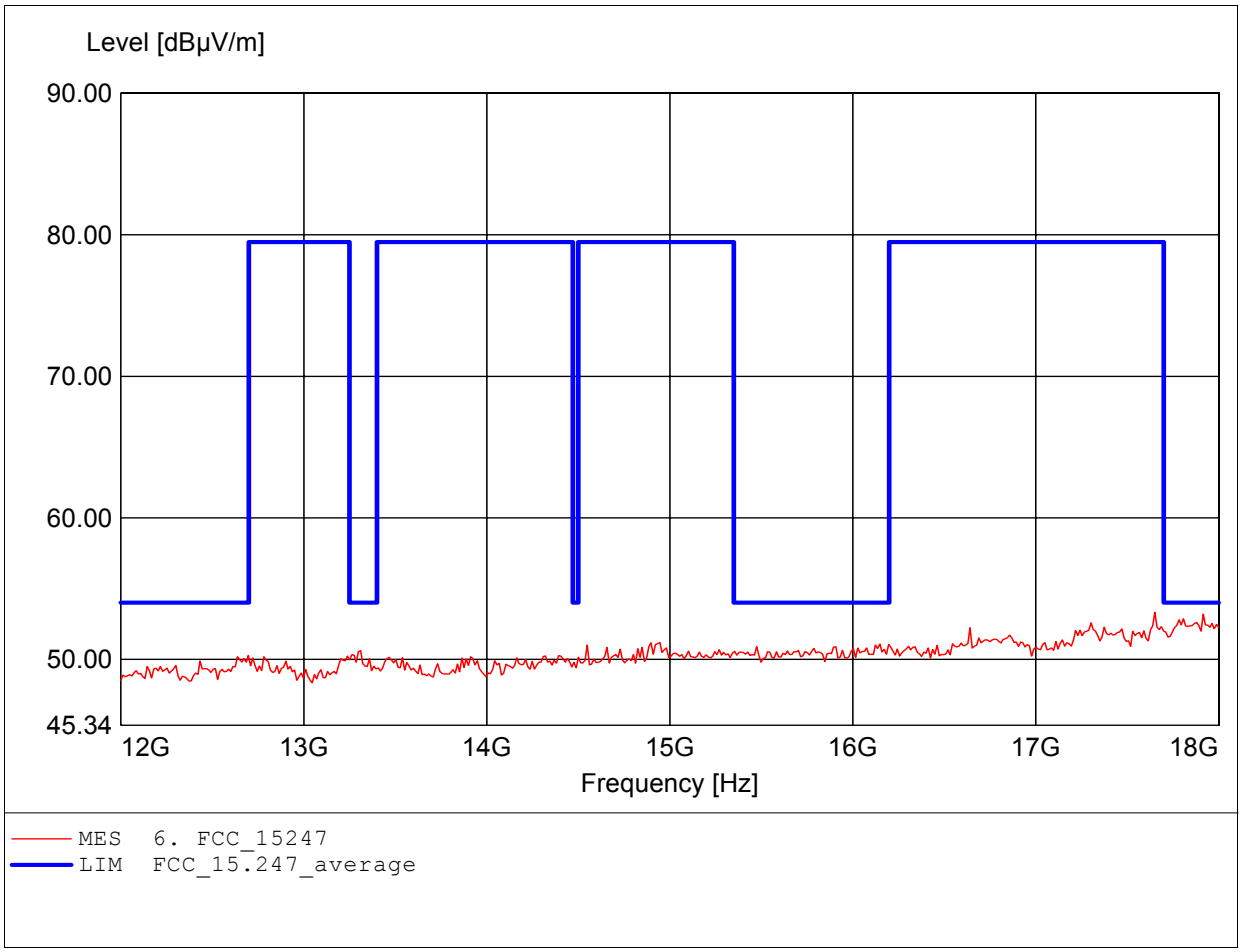
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, ampl.+HP.
	Freq: 11.792GHz, Emax: 48.89dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

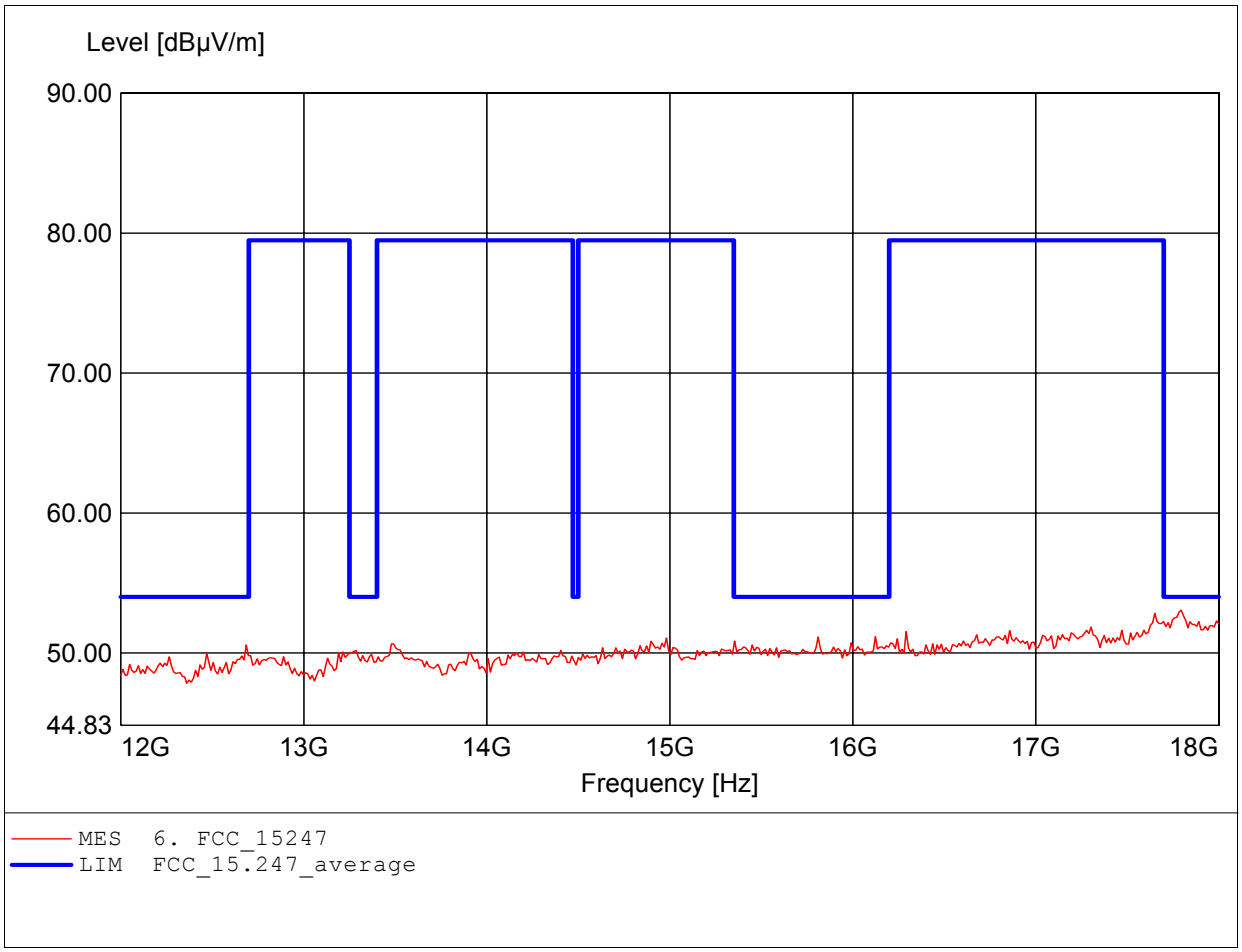
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, ampl.+HP.
	Freq: 17.651GHz, Emax: 53.33dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

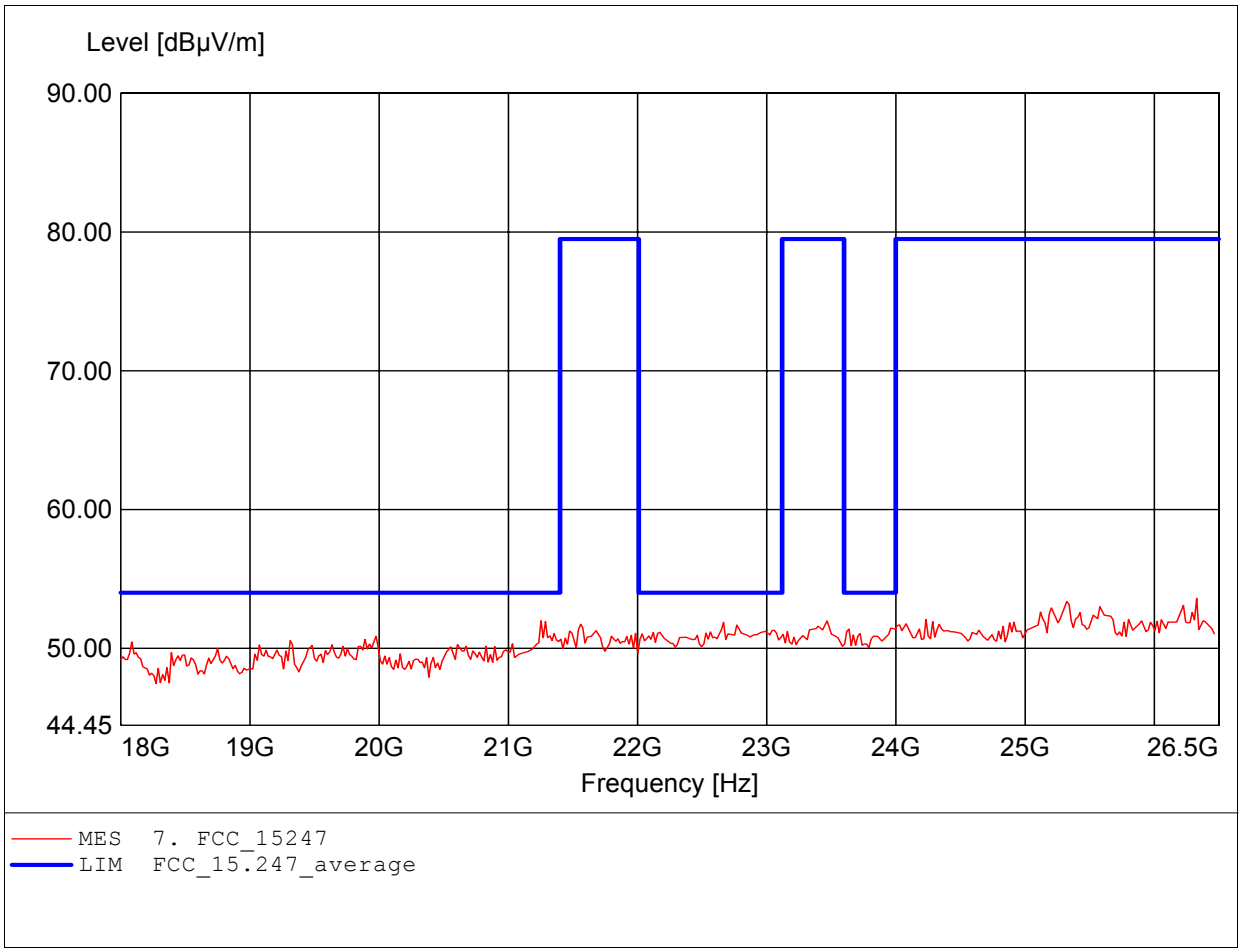
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, ampl.+HP.
	Freq: 17.796GHz, Emax: 53.05dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

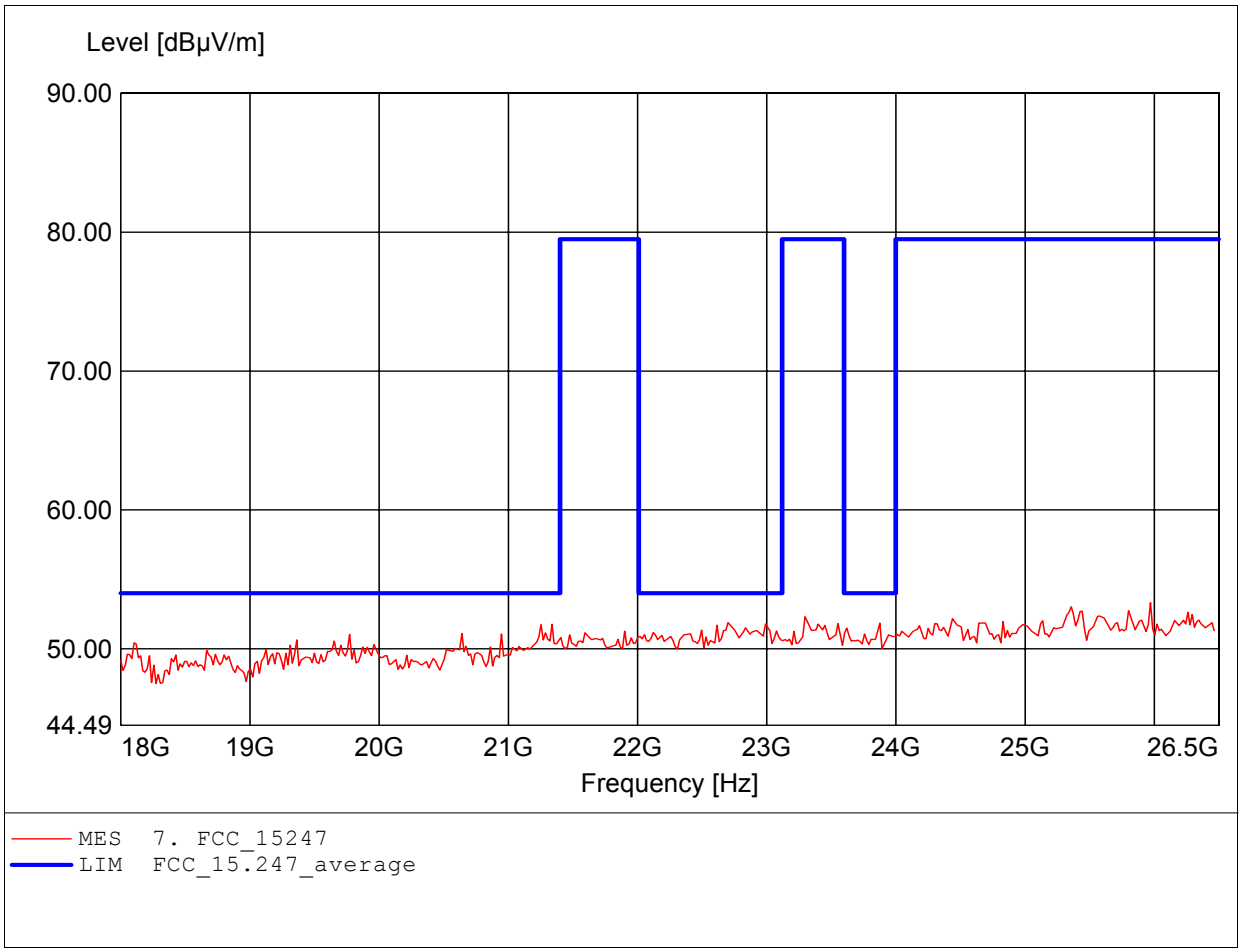
EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
	Freq: 26.330GHz, Emax: 53.60dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

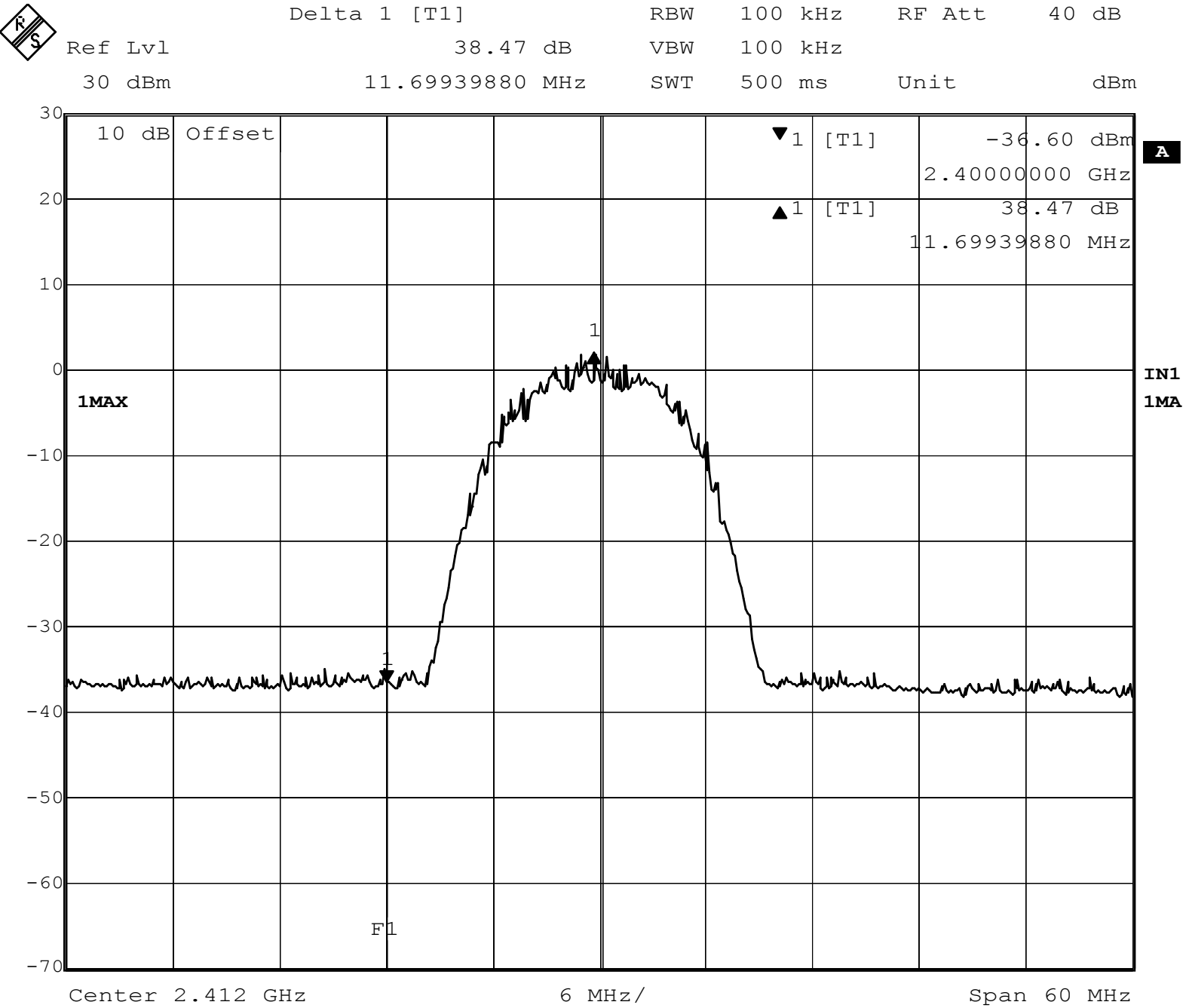
FCC RULES PART 15, SUBPART C

EUT:	WIRELESS PRINTER SERVER
MODEL NO.:	PS801H 11B CH11
Approval Holder:	SerComm Corporation
Test Site / Operator:	ETS /Ken Liu
Temperature/Voltage:	Temp.: 23°C/ Unom.:120VAC (ac / dc adaptor)
Test Specification:	according to §15.247, peak detector
Comment 1:	Dist.: 3m, Ant.: HL025, amplif.
	Freq: 25.972GHz, Emax: 53.32dBµV/m, RBW: 1MHz



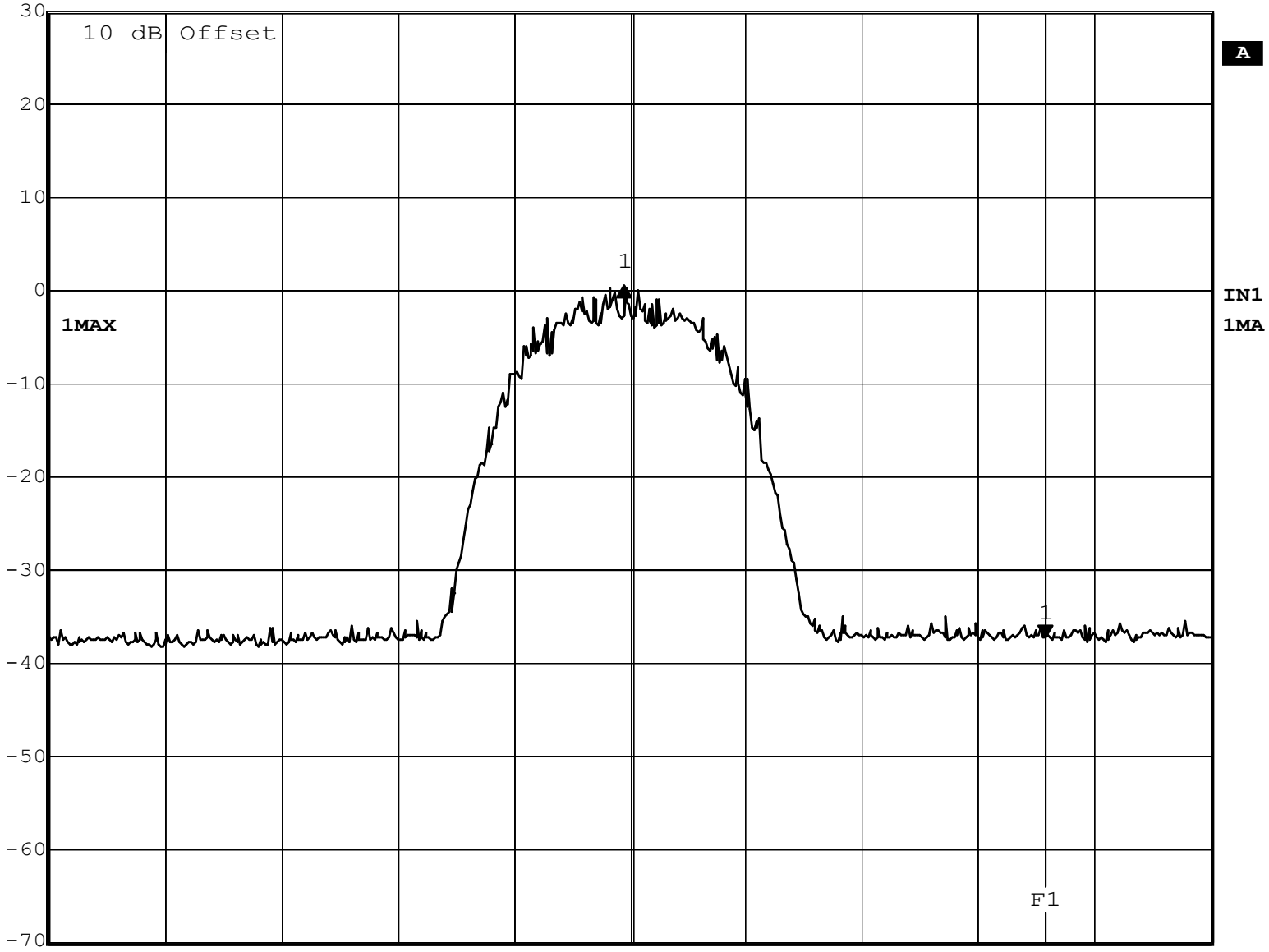
Appendix C

Band Edge Measurement



Title: 11B CH1 BANDEDGE
Comment A: SerComm Corporation
Date: 18.MAY.2004 14:57:45

Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 37.85 dB VBW 100 kHz
30 dBm -21.80060120 MHz SWT 500 ms Unit dBm

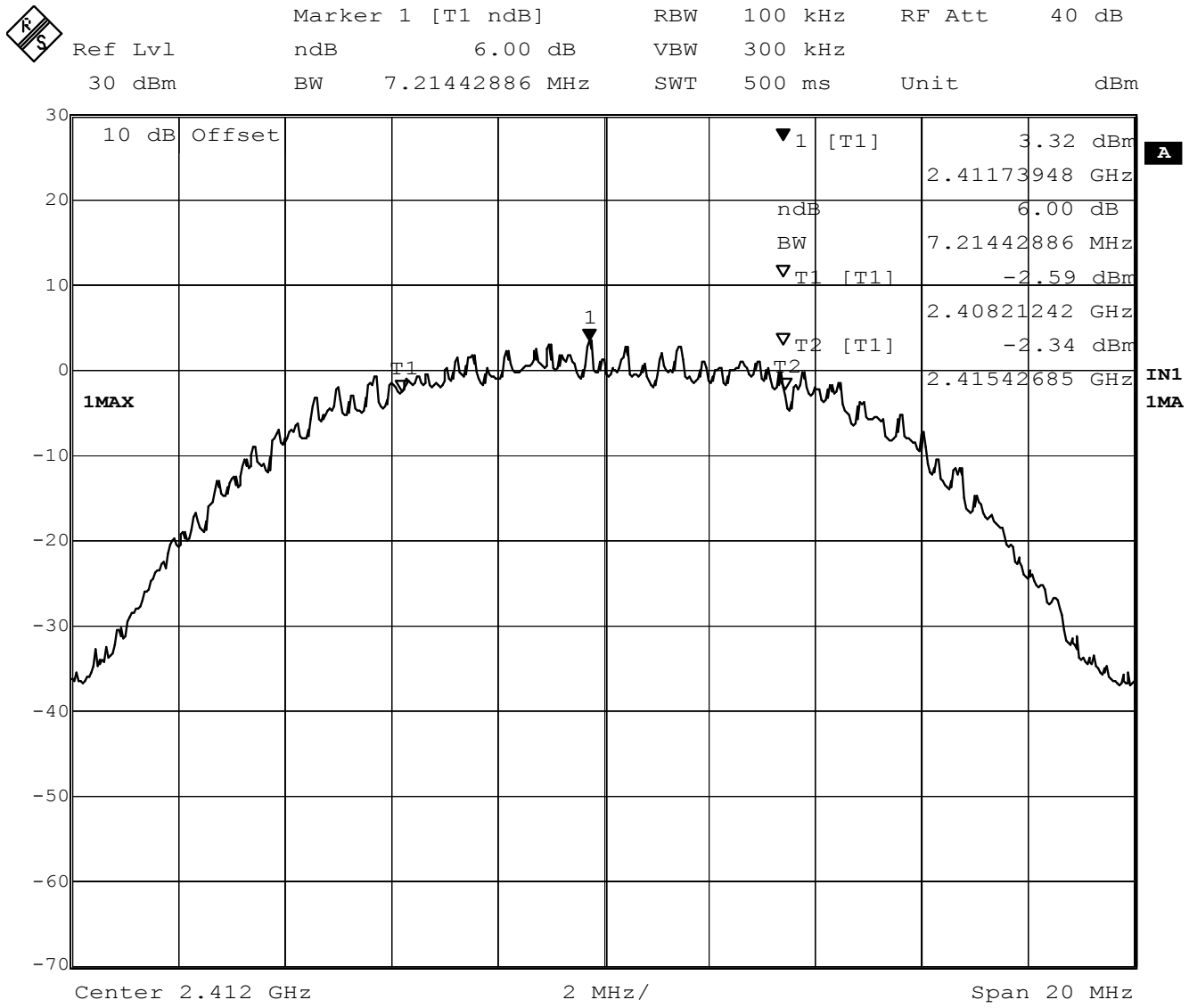


Center 2.462 GHz 6 MHz/ Span 60 MHz

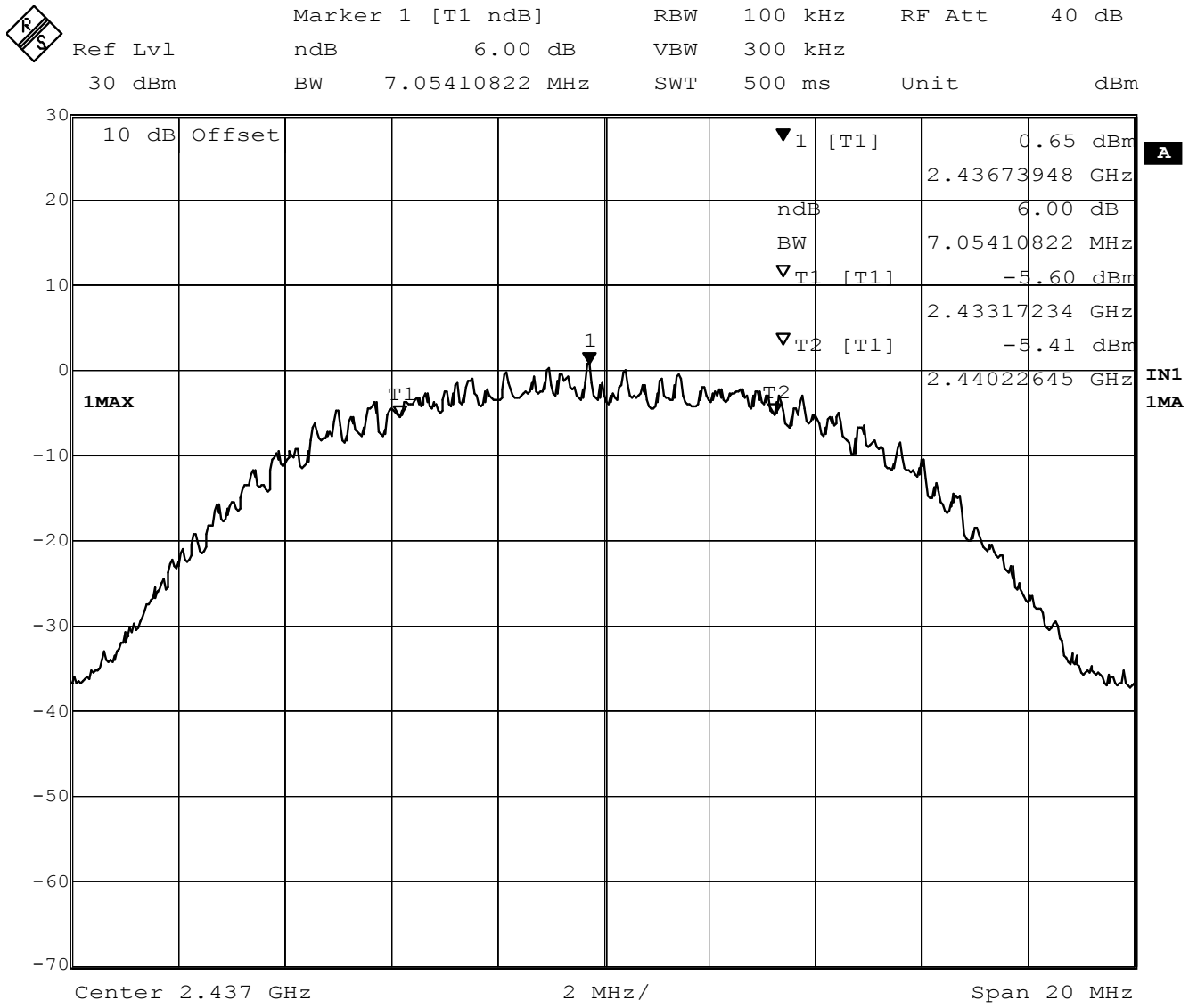
Title: 11B CH11 BANDEDGE
Comment A: SerComm Corporation
Date: 18.MAY.2004 15:15:13

Appendix D

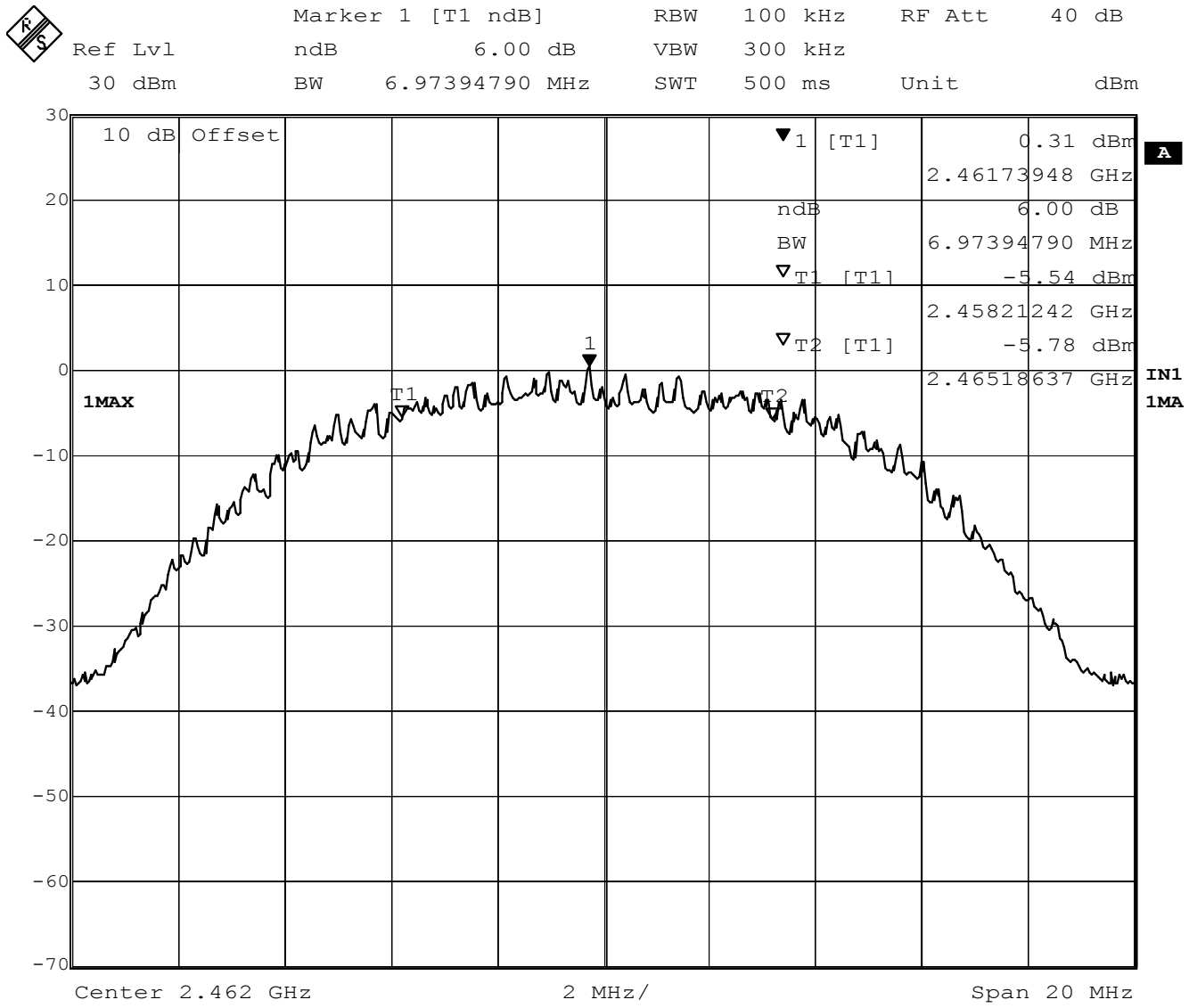
Maximum 6dB Bandwidth



Title: 11B CH1 6dB BANDWIDTH
Comment A: SerComm Corporation
Date: 19.MAY.2004 09:13:36



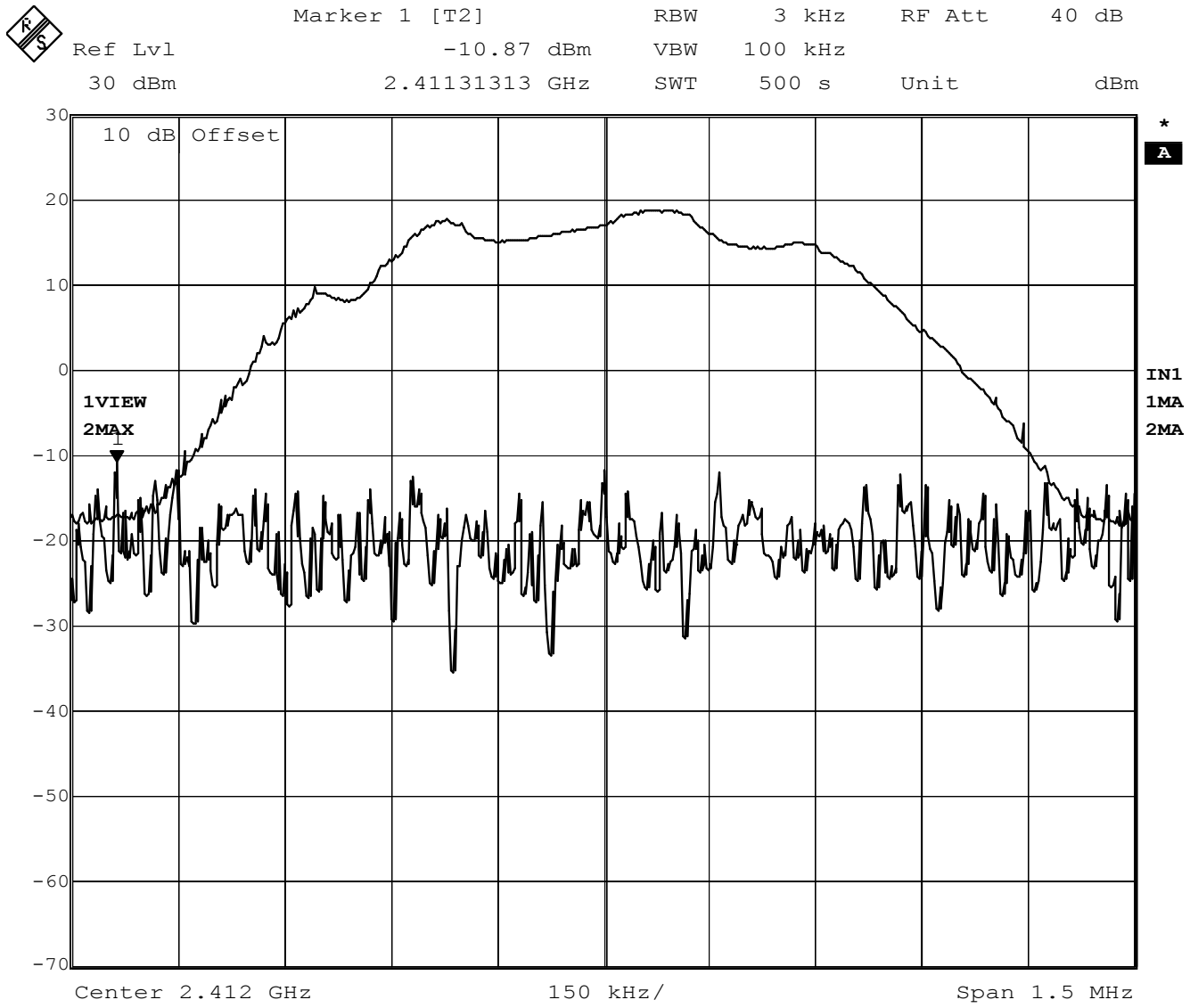
Title: 11B CH6 6dB BANDWIDTH
Comment A: SerComm Corporation
Date: 19.MAY.2004 09:53:40



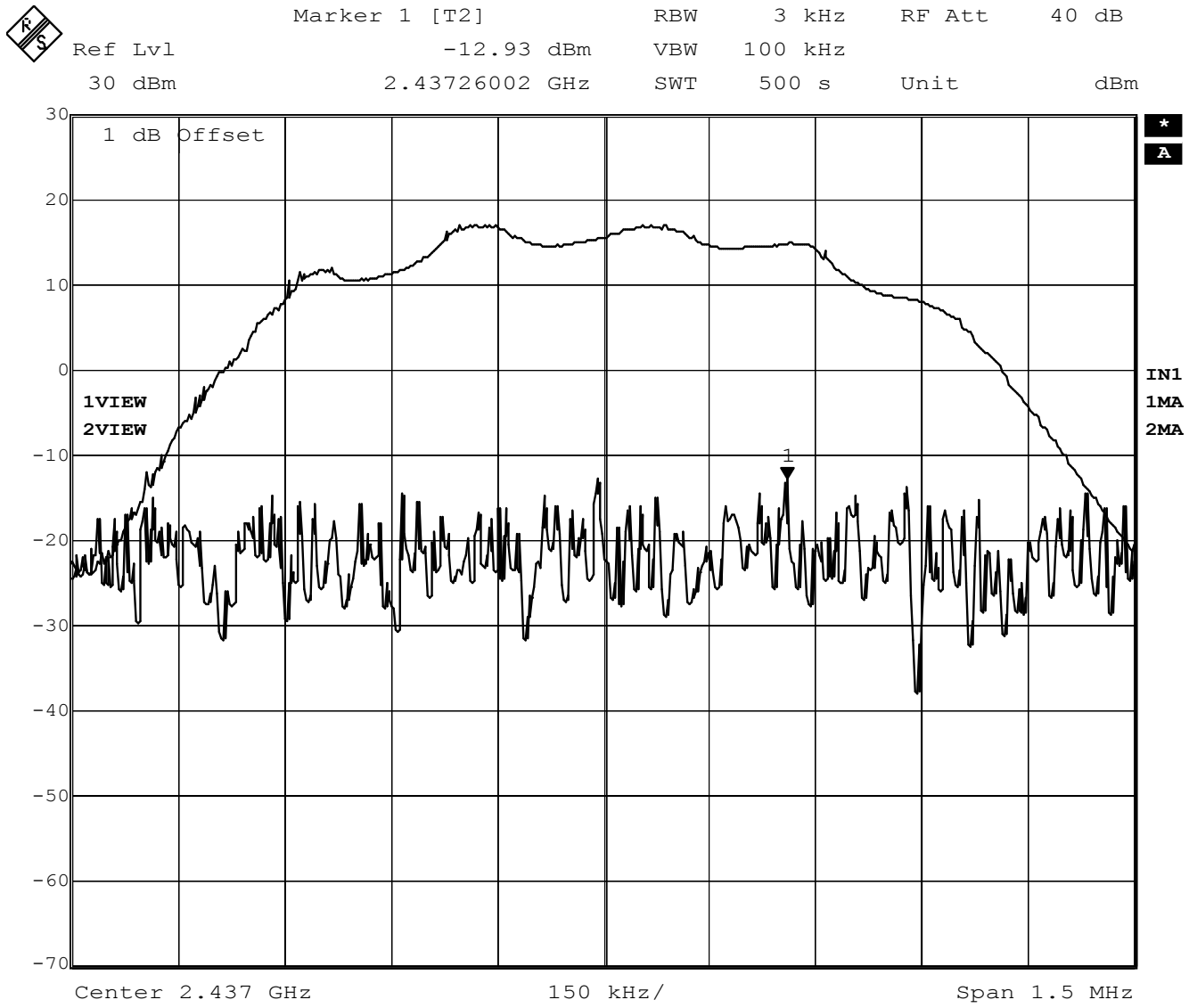
Title: 11B CH11 6dB BANDWIDTH
Comment A: SerComm Corporation
Date: 19.MAY.2004 09:47:28

Appendix E

Peak Power Spectral Density



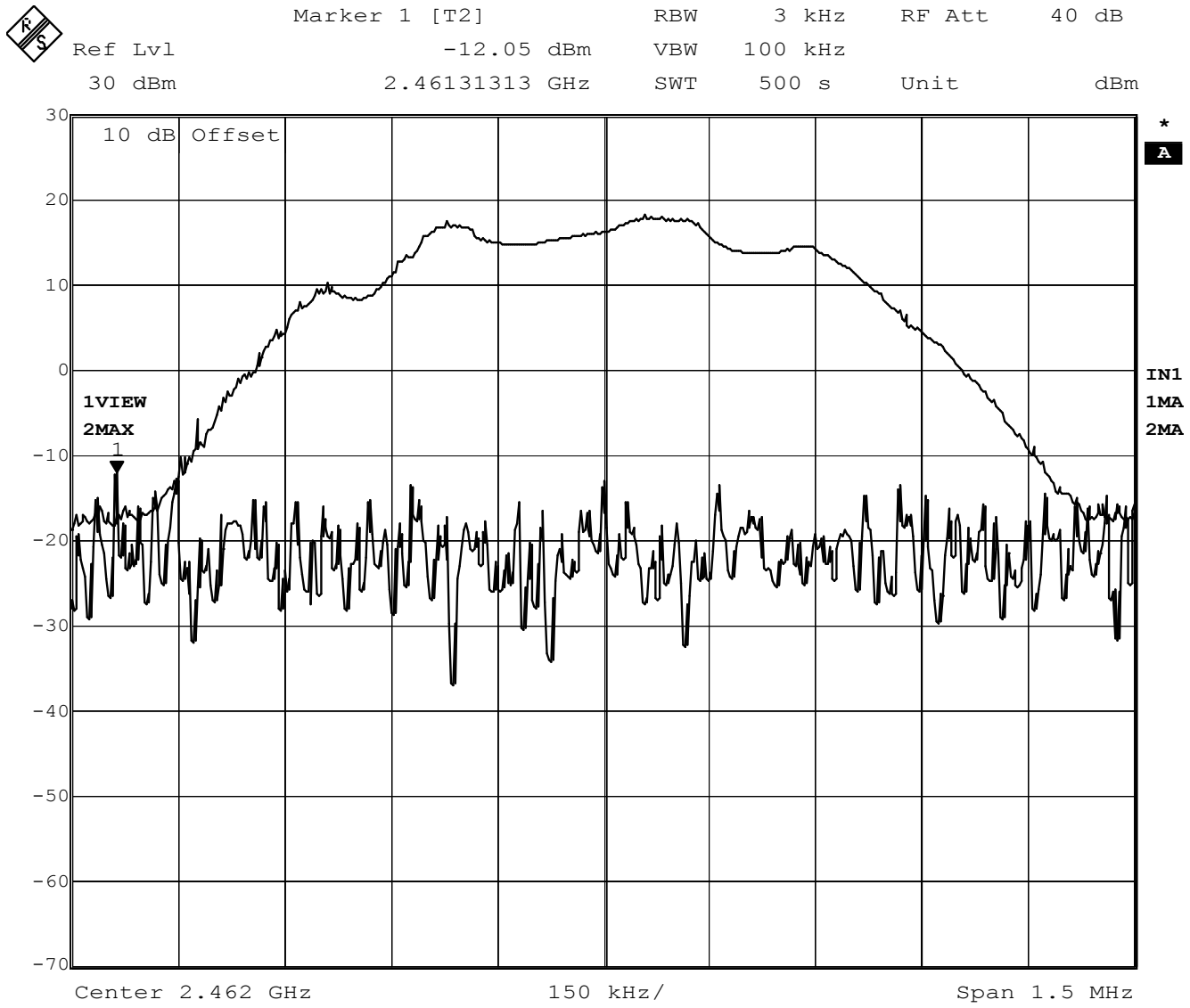
Title: 11B CH1 POWER DENSITY
Comment A: SerComm Corporation
Date: 18.MAY.2004 14:55:04



Title: 11B CH6 POWER DENSITY

Comment A: SerComm Corporation

Date: 18.MAY.2004 17:01:36



Title: 11B CH11 POWER DENSITY
Comment A: SerComm Corporation
Date: 18.MAY.2004 15:13:13

Appendix F

Power Line Conducted Emission

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

Class B

EUT:	WIRELESS PRINTER SERVER
Manufacturer:	SerComm Corporation
Operating Condition:	Unom:120VAC (ac/dc adaptor,Model No: M1-10505), Tnom: 23°C
Test Site:	ETS
Operator:	Ken Liu
Test Specification:	V-network: ESH3-Z5 N
Comment:	model: PS801H mode : active

MEASUREMENT RESULT: "_fin AV"

19.05.04 12:05

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.205000	48.00	10.0	53	5.4	---	---

MEASUREMENT RESULT: "_fin QP"

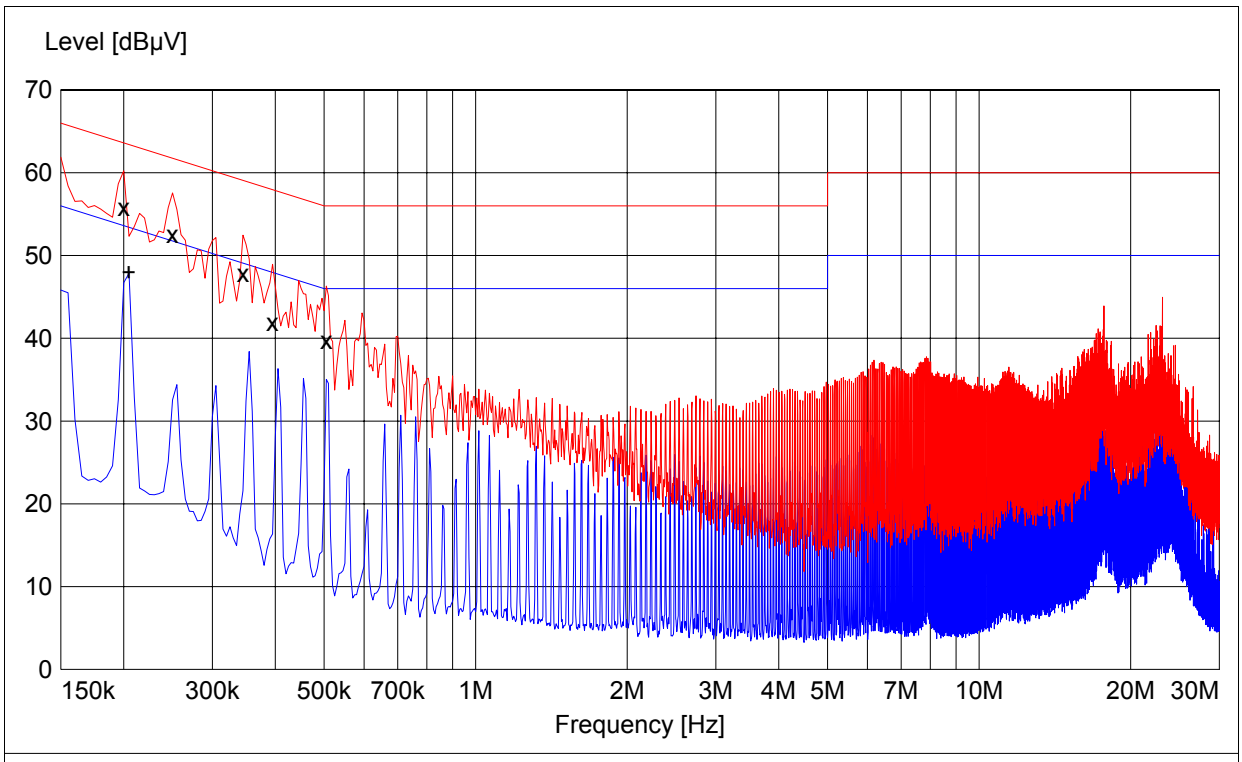
19.05.04 12:05

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.200000	55.80	10.0	64	7.8	---	---
0.250000	52.60	10.0	62	9.1	---	---
0.345000	47.80	10.0	59	11.3	---	---
0.395000	41.90	10.0	58	16.0	---	---
0.505000	39.70	10.0	56	16.3	---	---

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

Class B

EUT:	WIRELESS PRINTER SERVER
Manufacturer:	SerComm Corporation
Operating Condition:	Unom:120VAC (ac/dc adaptor,Model No: M1-10505), Tnom: 23°C
Test Site:	ETS
Operator:	Ken Liu
Test Specification:	V-network: ESH3-Z5 N
Comment:	model: PS801H mode : active



x x MES _fin QP
+ + MES _fin AV
MES _pre PK
MES _pre AV
LIM FCC15 Class B V QP Voltage QP Limit
LIM FCC15 Class B V AV Voltage AV Limit

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

Class B

EUT:	WIRELESS PRINTER SERVER
Manufacturer:	SerComm Corporation
Operating Condition:	Unom:120VAC (ac/dc adaptor,Model No: M1-10505), Tnom: 23°C
Test Site:	ETS
Operator:	Ken Liu
Test Specification:	V-network: ESH3-Z5 L1
Comment:	model: PS801H mode : active

MEASUREMENT RESULT: "_fin AV"

19.05.04 11:43

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.205000	46.00	10.0	53	7.4	---	---

MEASUREMENT RESULT: "_fin QP"

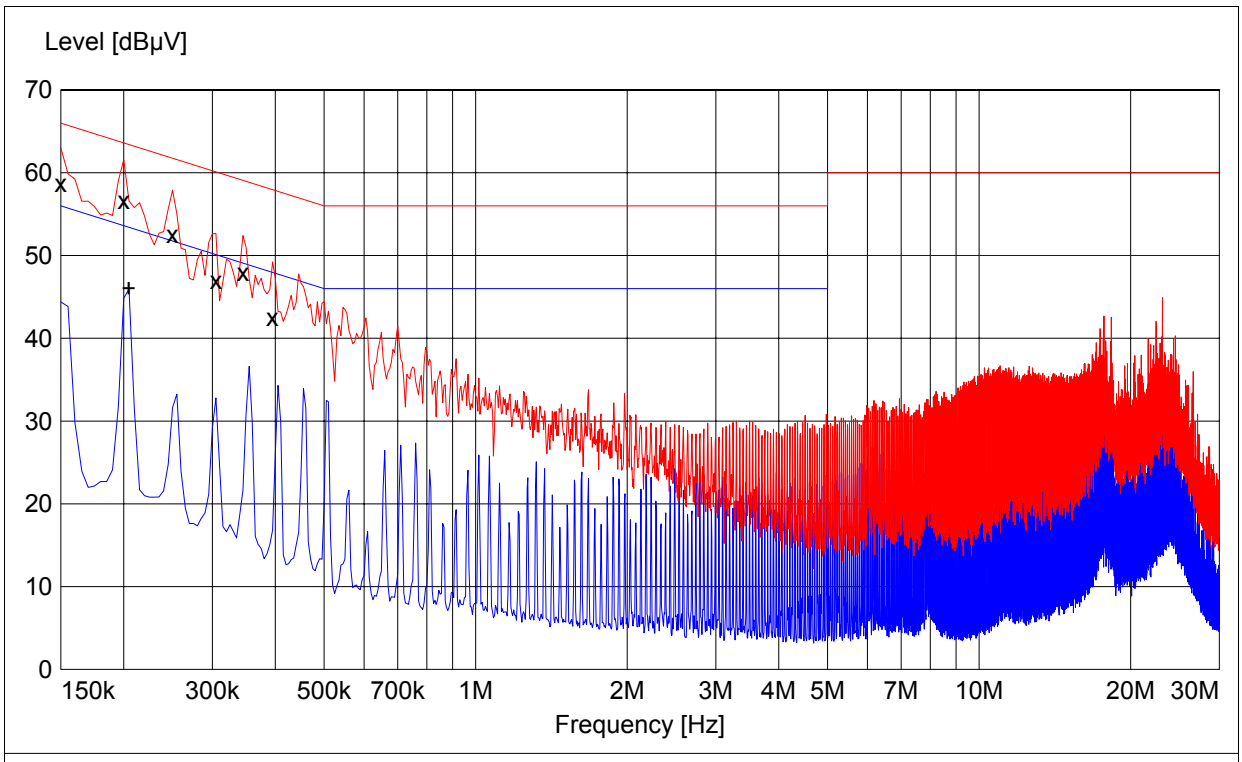
19.05.04 11:43

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.150000	58.70	10.0	66	7.3	---	---
0.200000	56.60	10.0	64	7.0	---	---
0.250000	52.60	10.0	62	9.2	---	---
0.305000	47.00	10.0	60	13.1	---	---
0.345000	47.90	10.0	59	11.2	---	---
0.395000	42.50	10.0	58	15.5	---	---

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

Class B

EUT:	WIRELESS PRINTER SERVER
Manufacturer:	SerComm Corporation
Operating Condition:	Unom:120VAC (ac/dc adaptor,Model No: M1-10505), Tnom: 23°C
Test Site:	ETS
Operator:	Ken Liu
Test Specification:	V-network: ESH3-Z5 L1
Comment:	model: PS801H mode : active



x x MES _fin QP
+ + MES _fin AV
MES _pre PK
MES _pre AV
LIM FCC15 Class B V QP Voltage QP Limit
LIM FCC15 Class B V AV Voltage AV Limit

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

Class B

EUT: WIRELESS PRINTER SERVER
Manufacturer: SerComm Corporation
Operating Condition: Unom:120VAC (ac/dc adaptor, Model No:MT10-1050200-A1), Tnom: 23°C
Test Site: ETS
Operator: Ken Liu
Test Specification: V-network: ESH3-Z5 N
Comment: model: PS801H mode : active

MEASUREMENT RESULT: "_fin AV"

15.06.04 11:38

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
2.365000	37.60	10.0	46	8.4	---	---
2.425000	38.40	10.0	46	7.6	---	---
2.485000	38.50	10.0	46	7.5	---	---
2.550000	39.30	10.1	46	6.8	---	---
2.610000	40.00	10.0	46	6.0	---	---
2.670000	38.90	10.0	46	7.1	---	---

MEASUREMENT RESULT: "_fin QP"

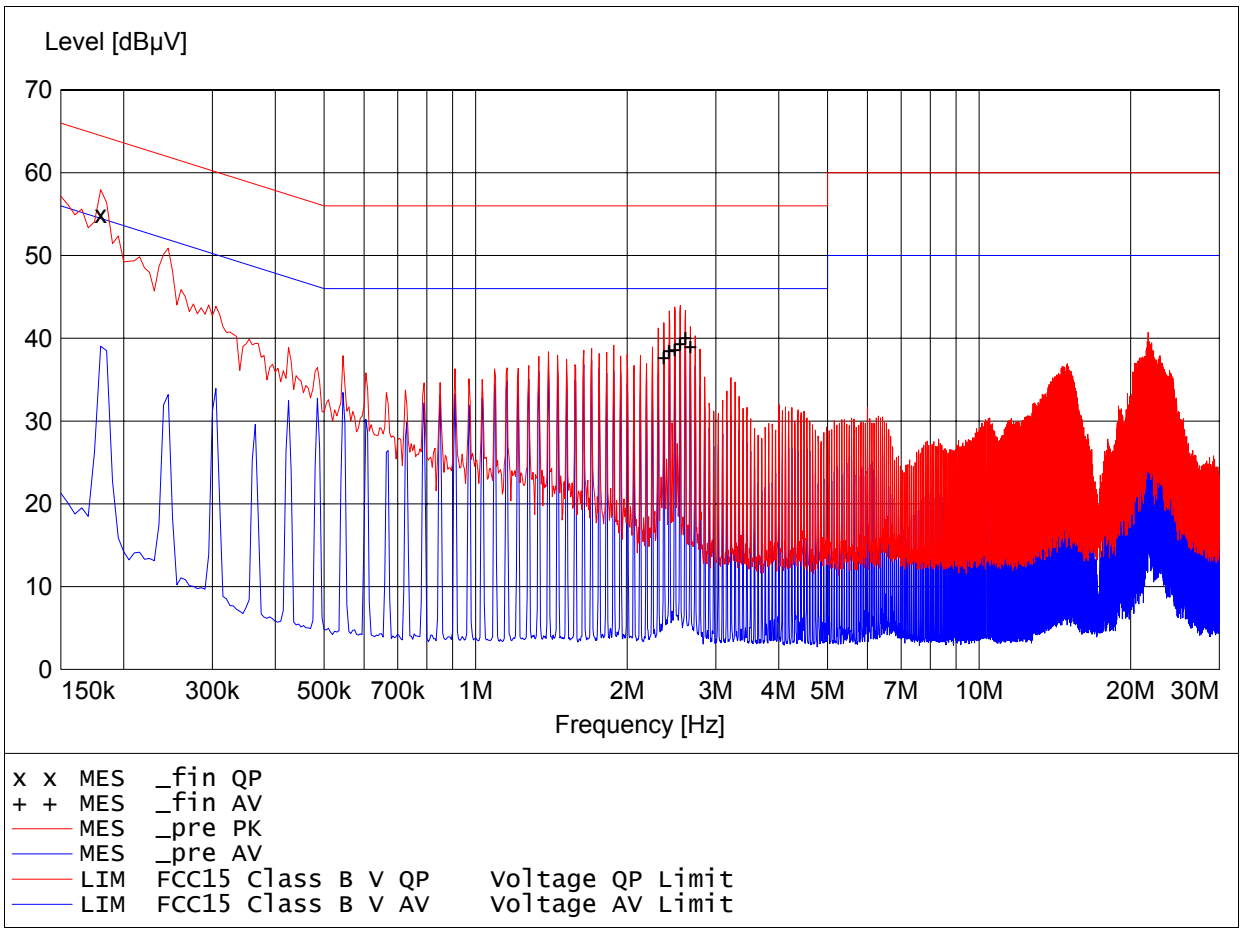
15.06.04 11:38

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.180000	54.90	10.0	65	9.5	---	---

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

Class B

EUT:	WIRELESS PRINTER SERVER
Manufacturer:	SerComm Corporation
Operating Condition:	Unom:120VAC (ac/dc adaptor, Model No:MT10-1050200-A1), Tnom: 23°C
Test Site:	ETS
Operator:	Ken Liu
Test Specification:	V-network: ESH3-Z5 N
Comment:	model: PS801H mode : active



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

Class B

EUT: WIRELESS PRINTER SERVER
Manufacturer: SerComm Corporation
Operating Condition: Unom:120VAC (ac/dc adaptor, Model No:MT10-1050200-A1), Tnom: 23°C
Test Site: ETS
Operator: Ken Liu
Test Specification: V-network: ESH3-Z5 L1
Comment: model: PS801H mode : active

MEASUREMENT RESULT: "_fin AV"

15.06.04 12:07

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.425000	40.30	10.0	47	7.0	---	---
2.245000	38.30	10.0	46	7.7	---	---
2.305000	38.20	10.0	46	7.8	---	---
2.365000	37.40	10.0	46	8.6	---	---
2.425000	37.20	10.0	46	8.8	---	---
2.485000	36.50	10.0	46	9.5	---	---

MEASUREMENT RESULT: "_fin QP"

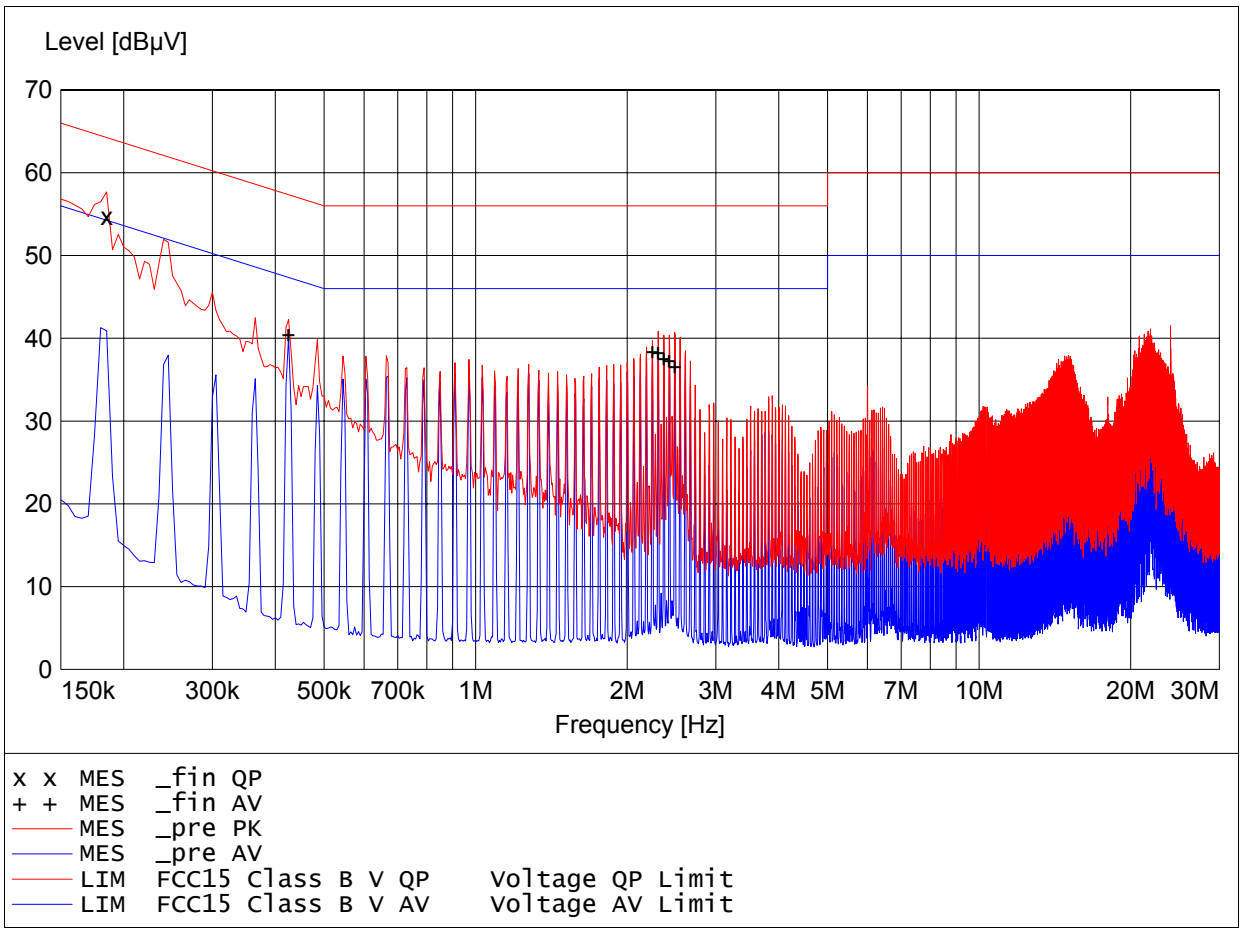
15.06.04 12:07

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.185000	54.70	10.0	64	9.5	---	---

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

Class B

EUT:	WIRELESS PRINTER SERVER
Manufacturer:	SerComm Corporation
Operating Condition:	Unom:120VAC (ac/dc adaptor, Model No:MT10-1050200-A1), Tnom: 23°C
Test Site:	ETS
Operator:	Ken Liu
Test Specification:	V-network: ESH3-Z5 L1
Comment:	model: PS801H mode : active



Appendix G

Pictures

Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

External Photo

Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

Registration number: W6M20404-5094-C-1
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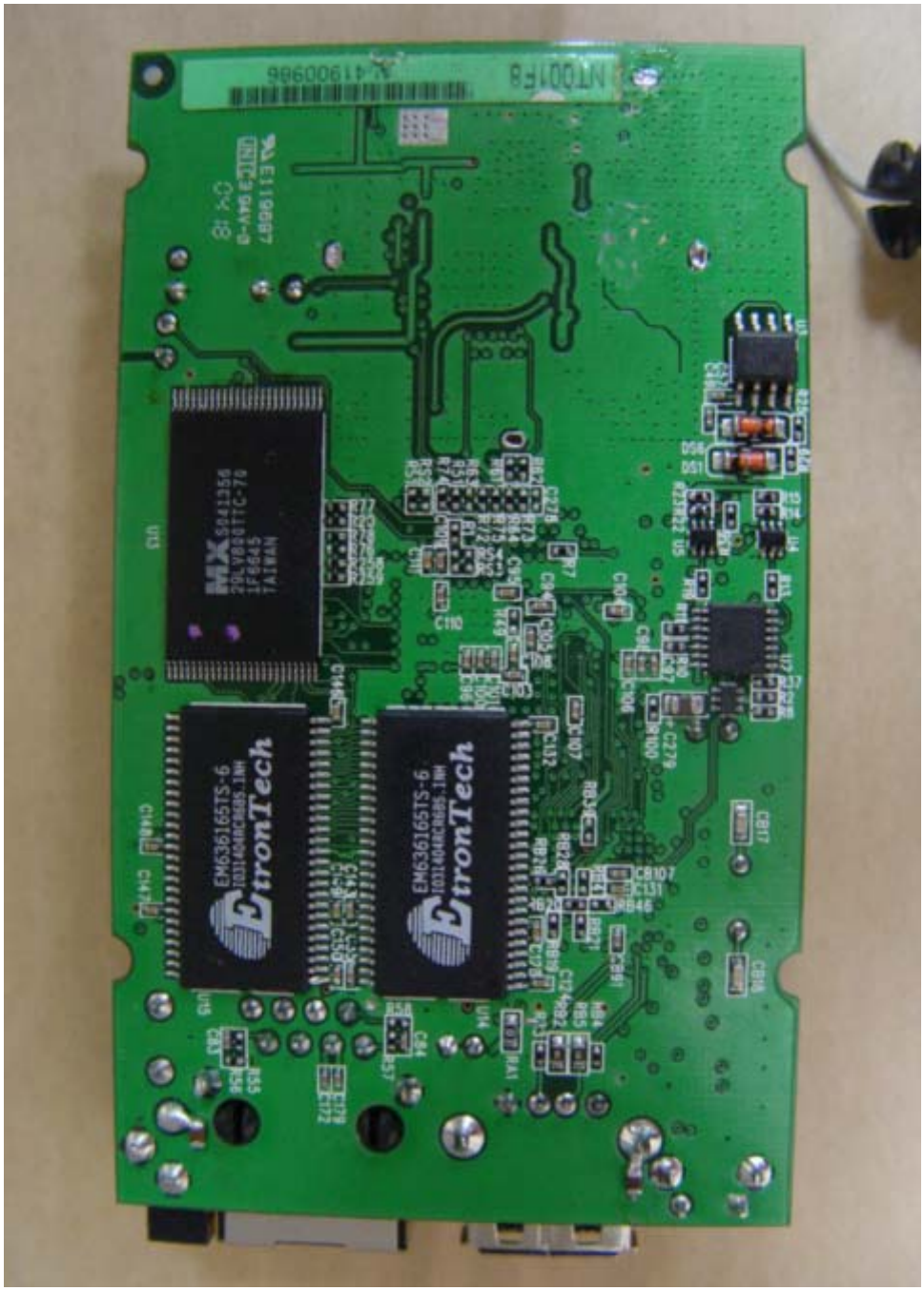
FCC ID: P270NT00

Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

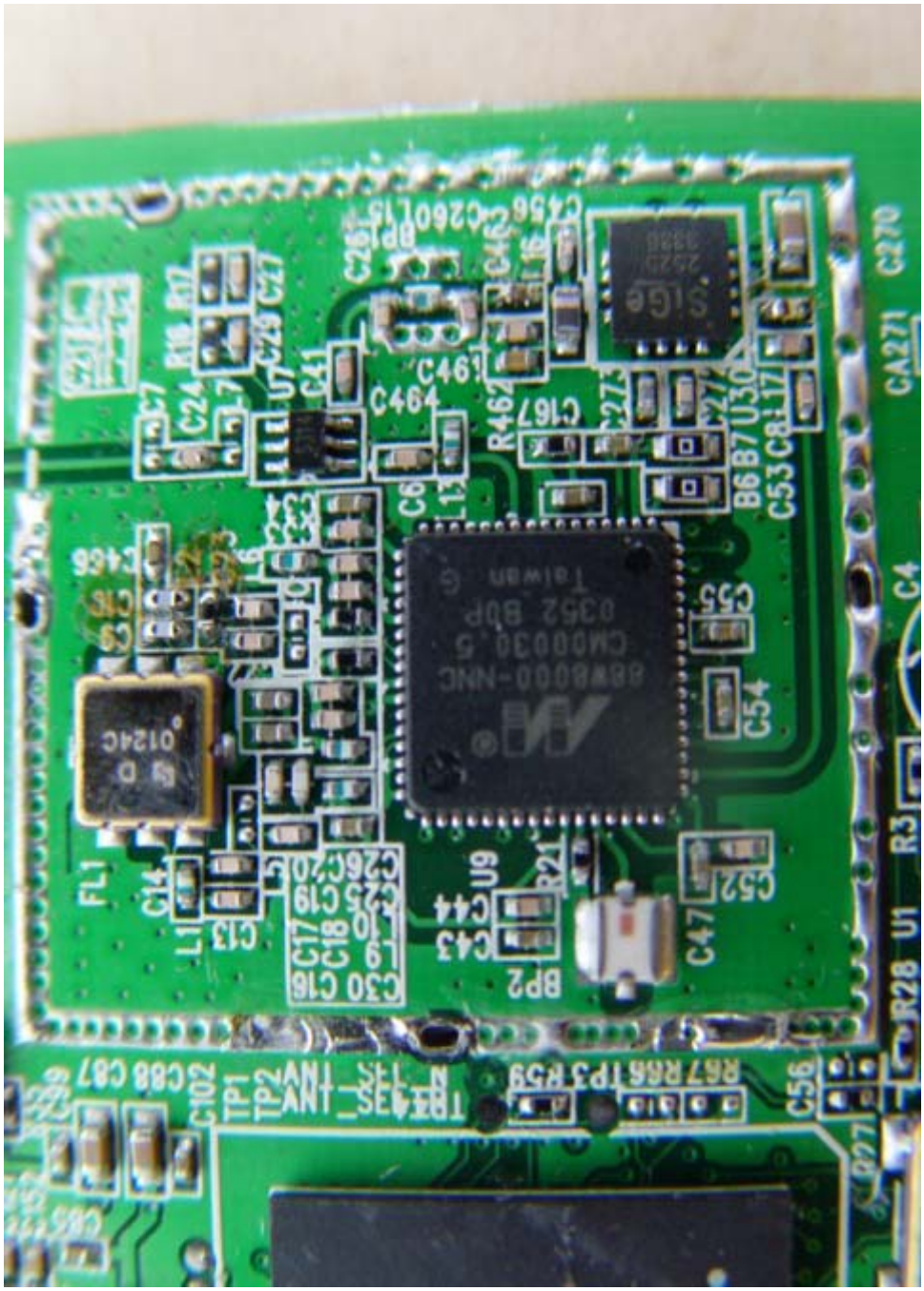
Internal Photo

Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

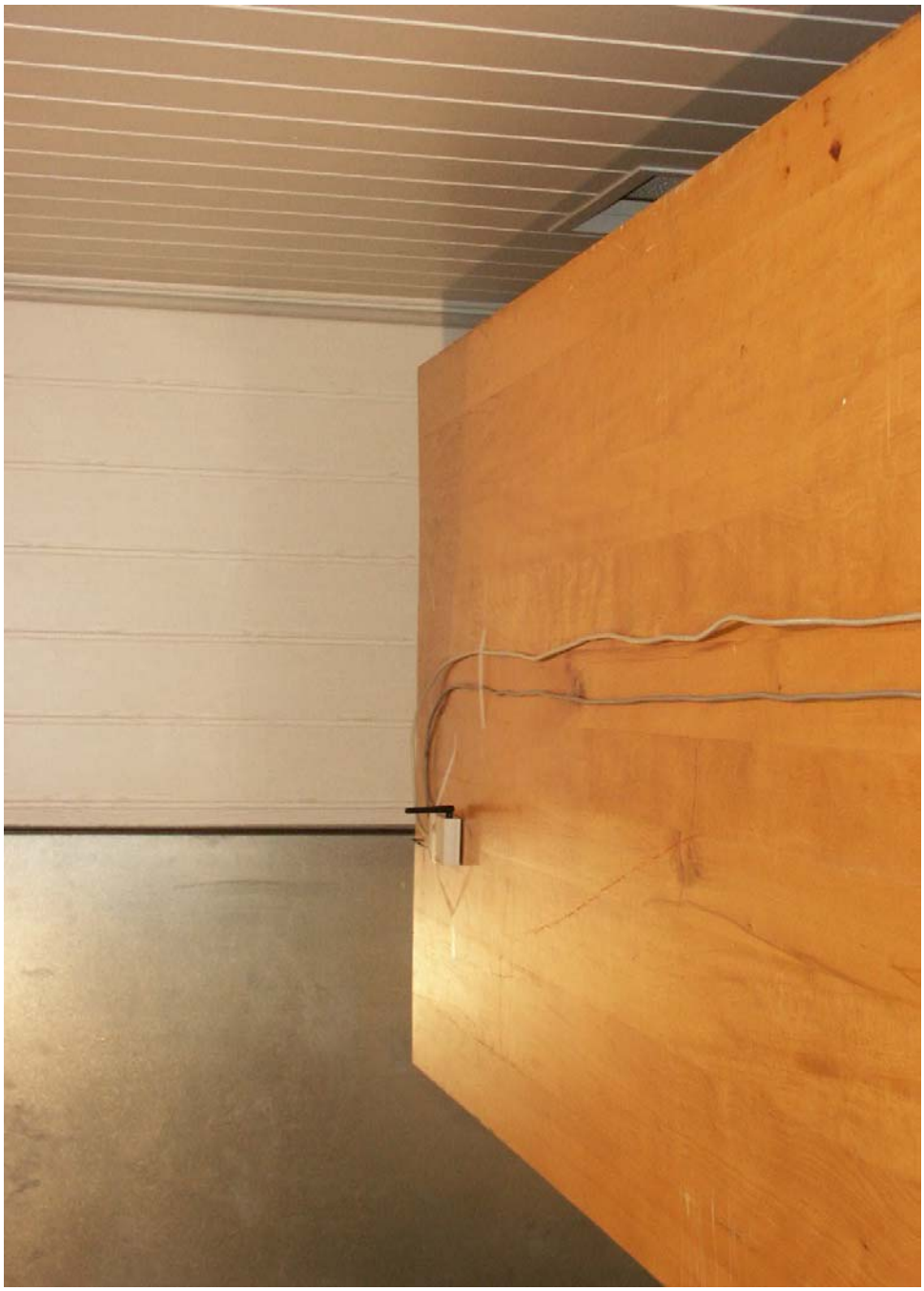


Registration number: W6M20404-5094-C-1
FCC ID: P270NT00



Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

Setup Photo



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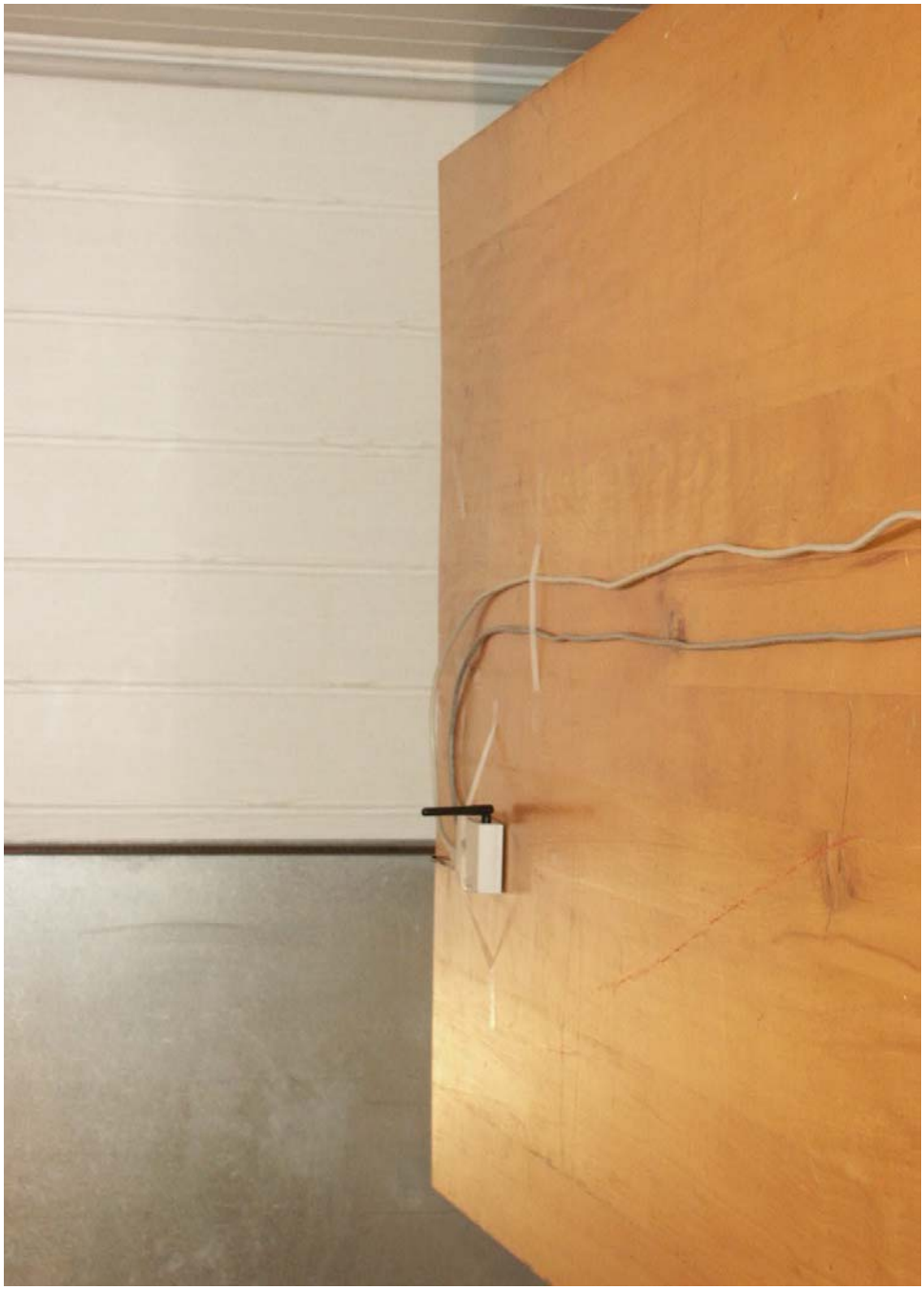
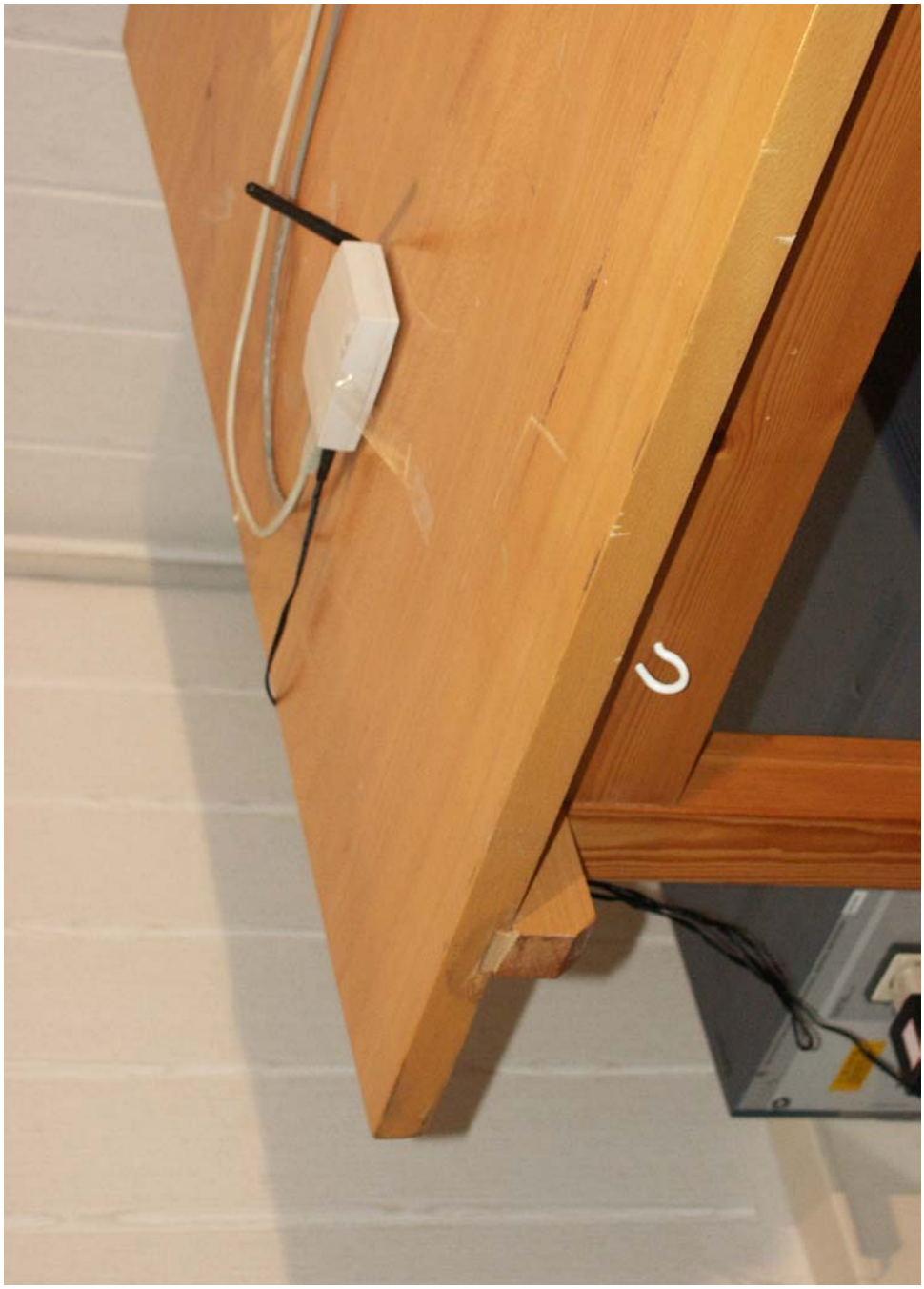
FCC ID: P270NT00



Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

Registration number: W6M20404-5094-C-1
FCC ID: P270NT00



Registration number: W6M20404-5094-C-1
FCC ID: P270NT00

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FCC ID: P270NT00

Registration number: W6M20404-5094-C-1
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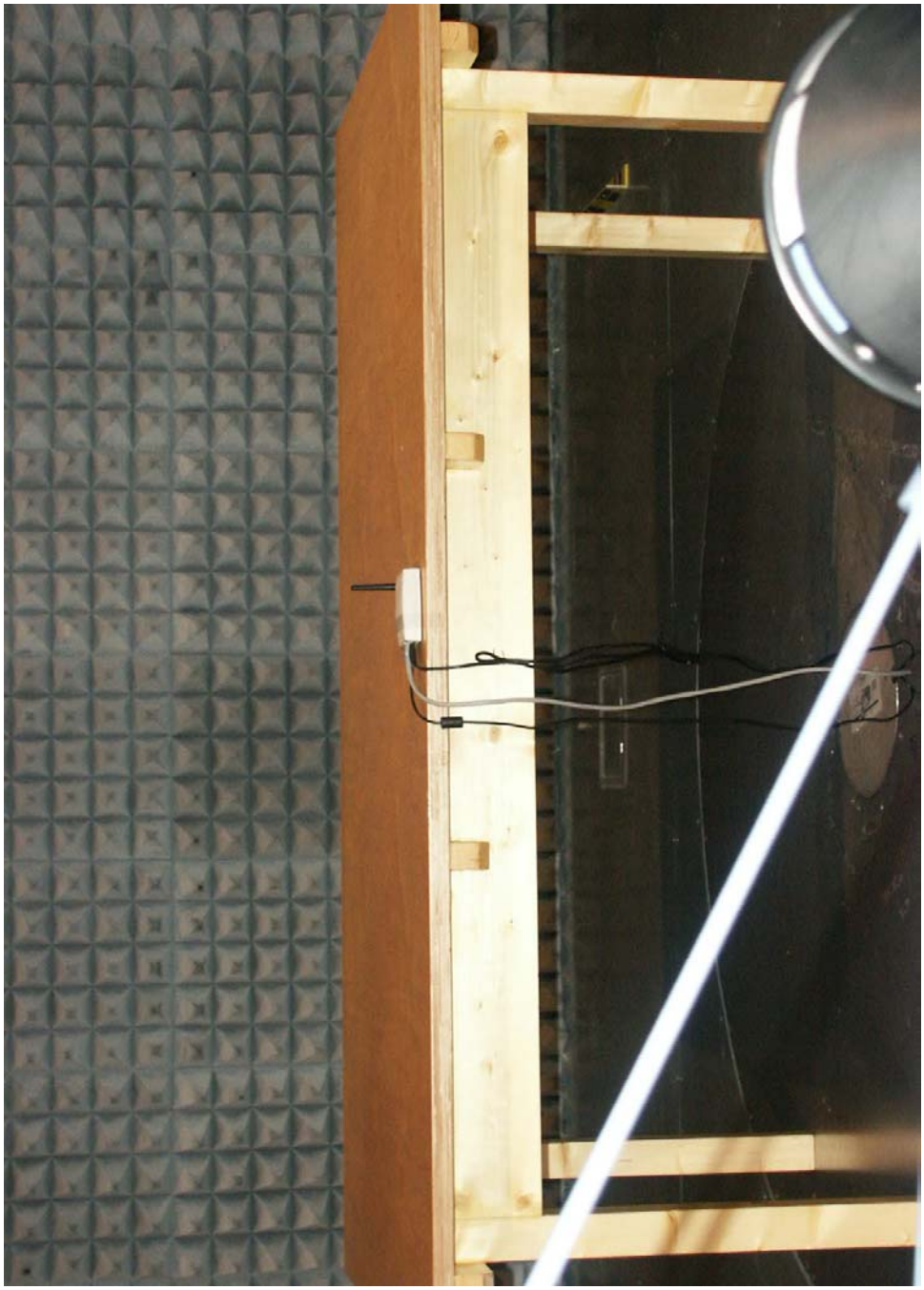

Registration number: W6M20404-5094-C-1
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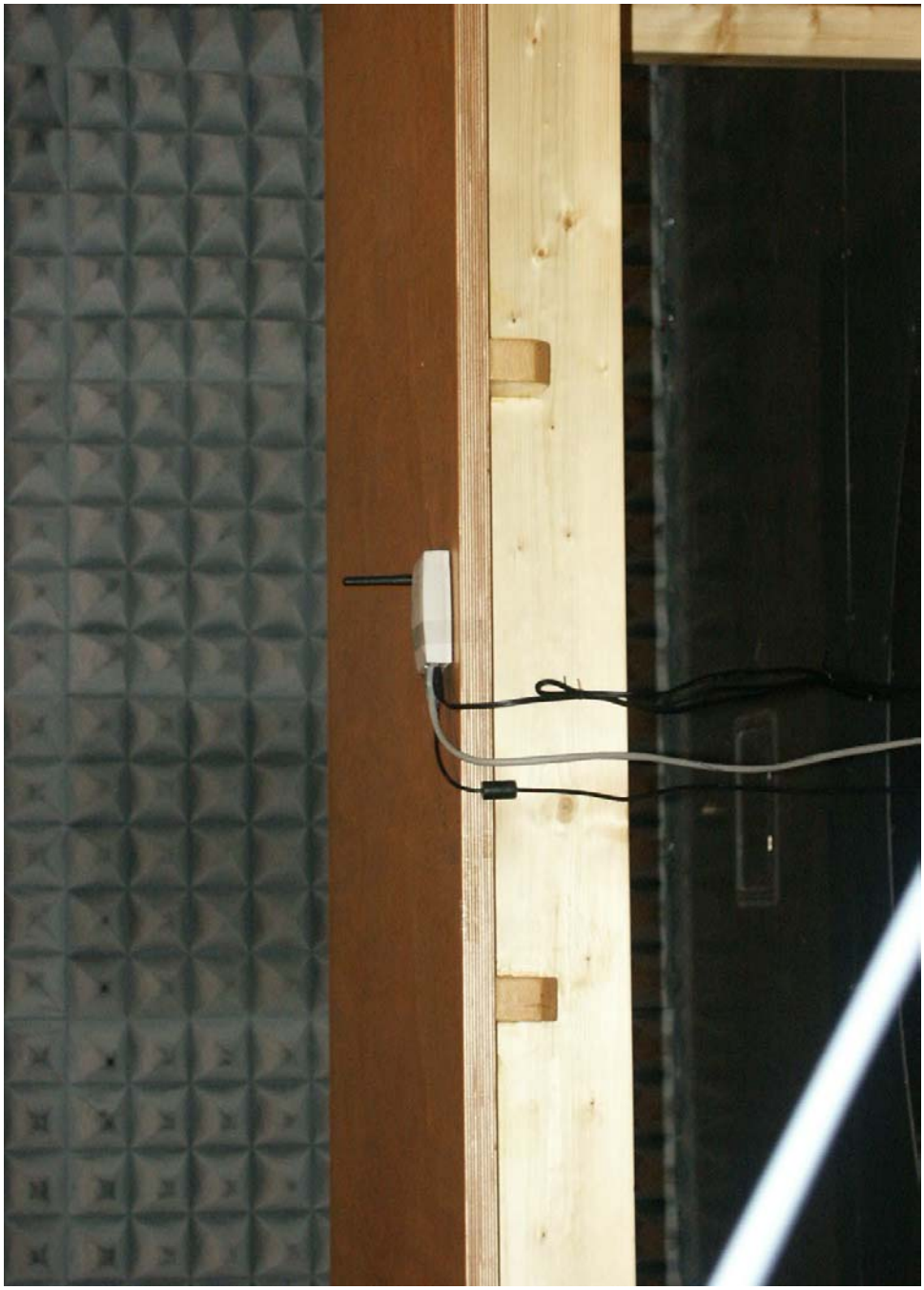
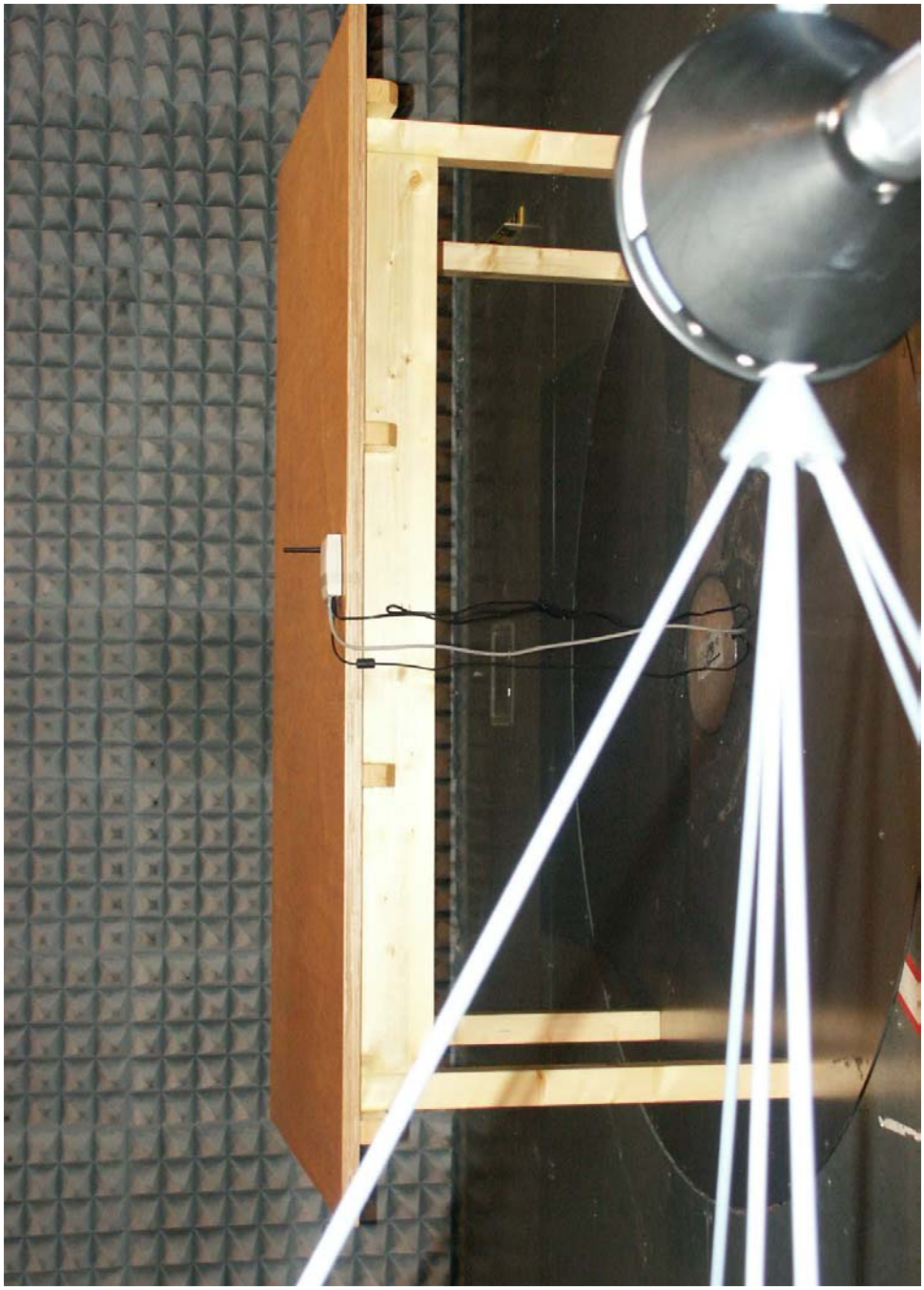


Registration number: W6M20404-5094-C-1
FCC ID: P270NT00



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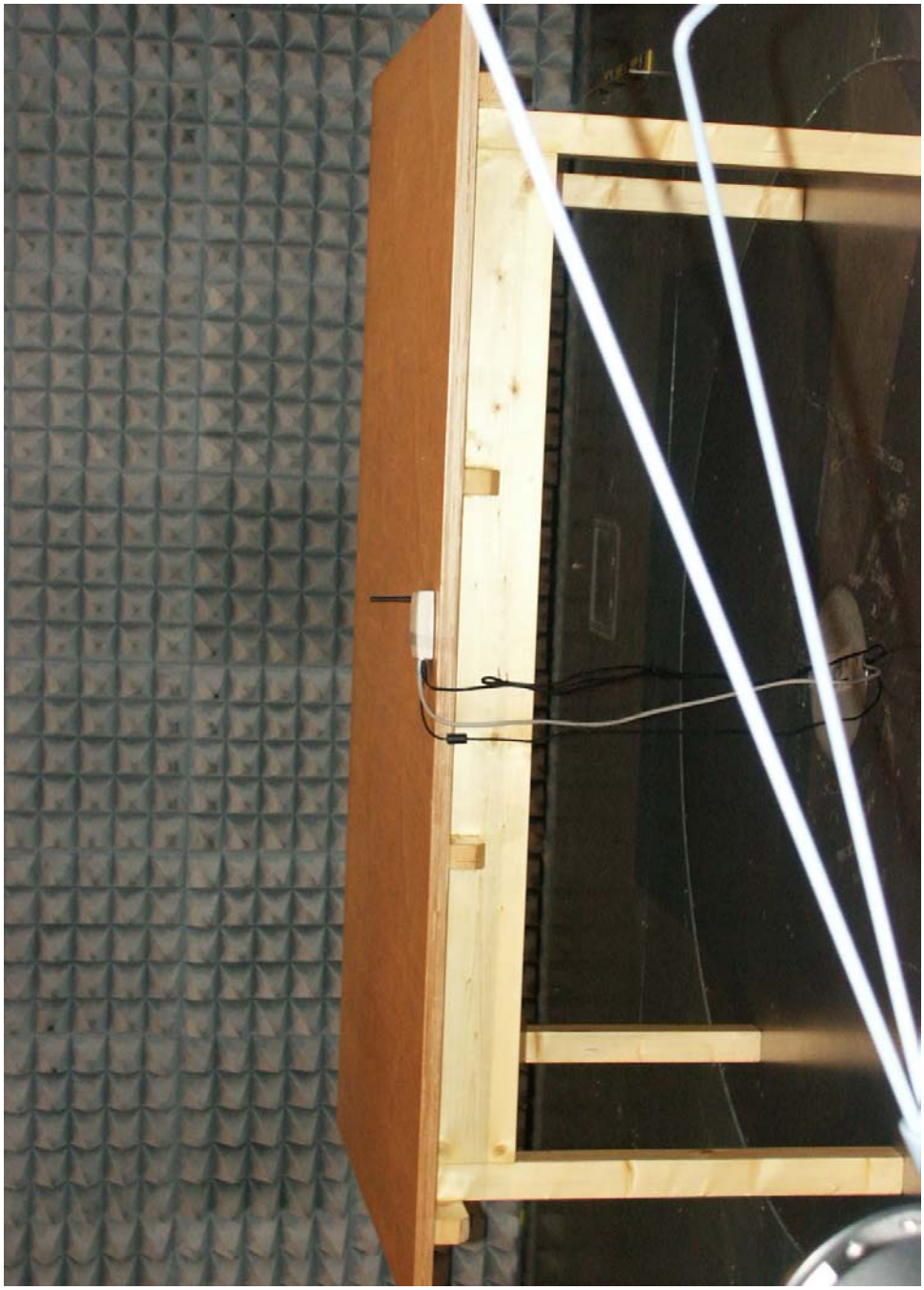
FCC ID: P270NT00



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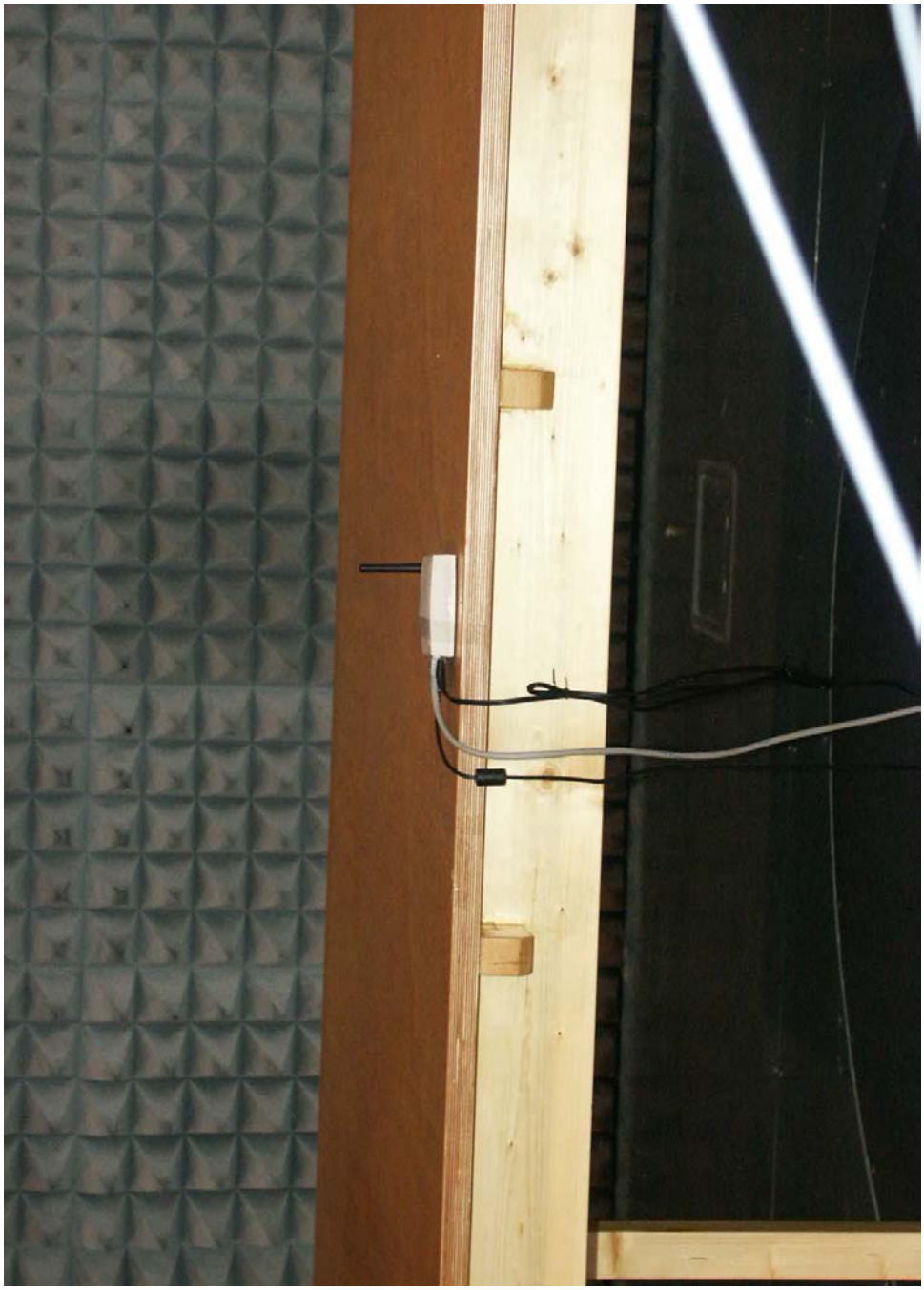

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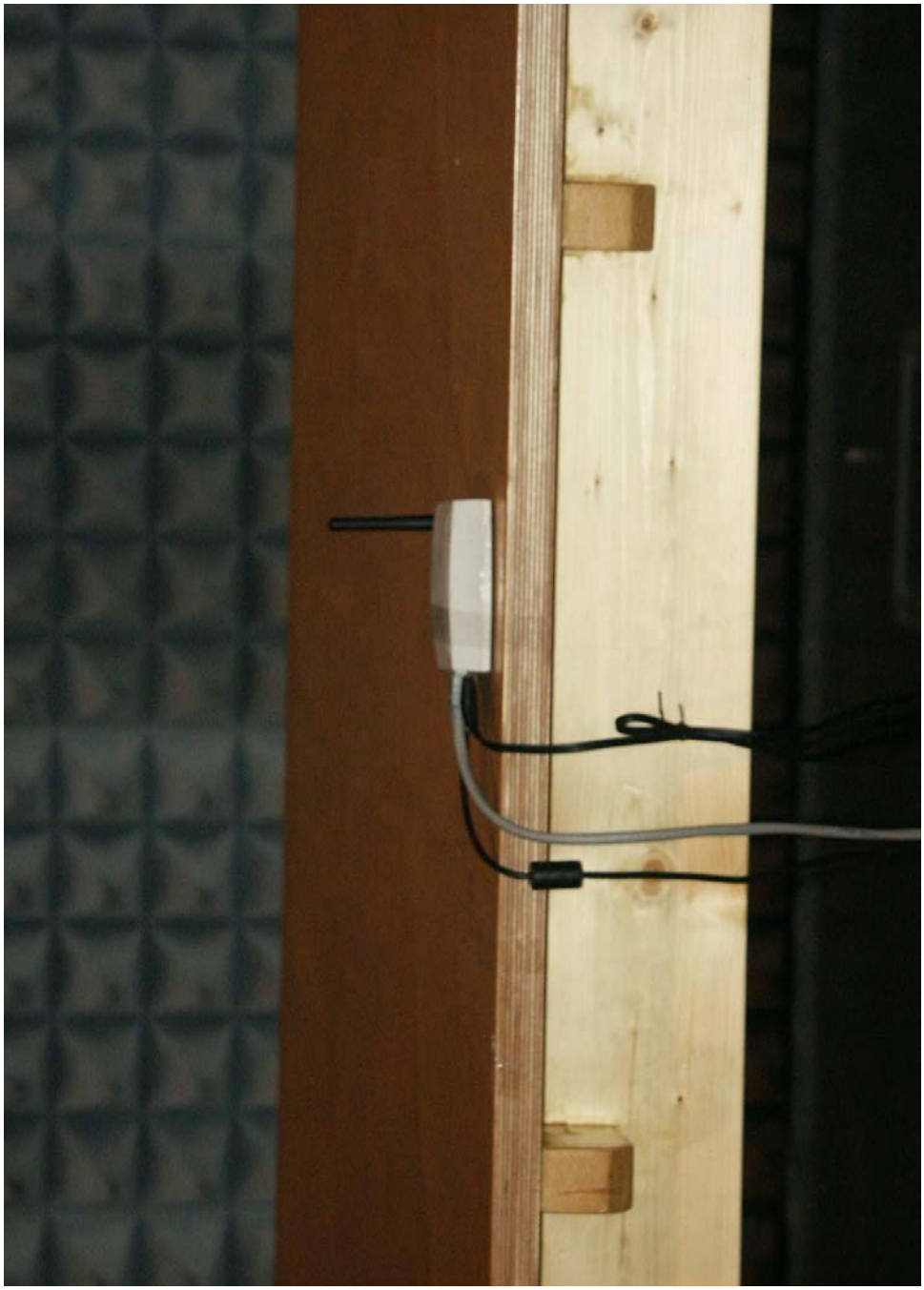

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FCC ID: P270NT00

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FCC ID: P270NT00