

Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

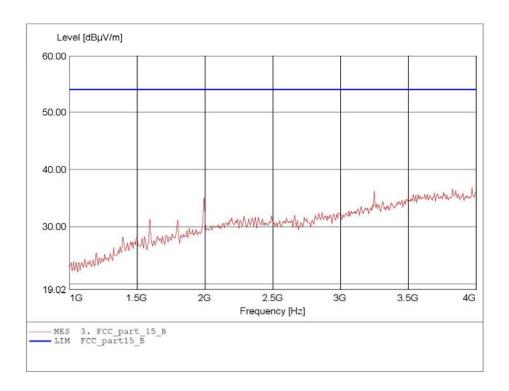
Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 802.11g Test Site / Operator: WTS / Brian Temperature: Temp.: 23.9°C

Comment 1: Ant.: HL25, ampl.

Freq:3.970GHz Emax:36.81dBuV/m RBW: 1 MHz

ch6



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### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

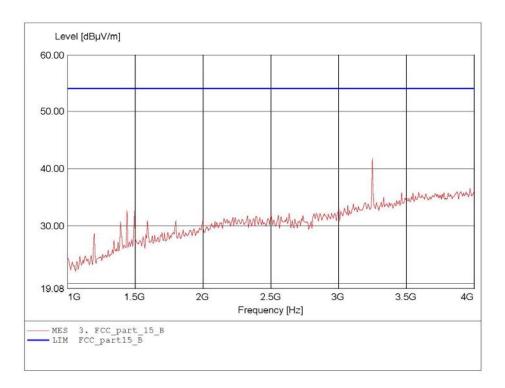
Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177
Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C

-9177 802.11g ch6

Temp.: 23.9°C Ant.: HL25, ampl.

Freq:3.248GHz Emax:41.79dBµV/m RBW: 1 MHz



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### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

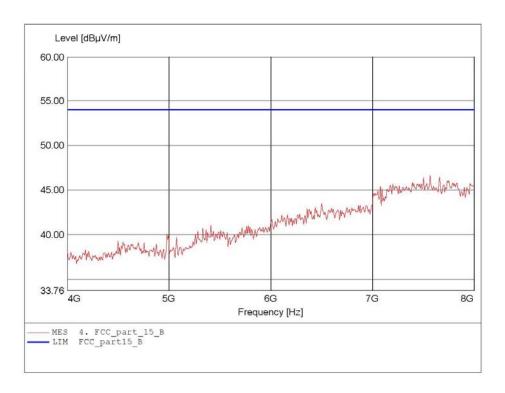
Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177
Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C

802.11g ch6

Temp.: 23.9°C Ant.: HL25, ampl.

Freq:7.567GHz Emax:46.62dBuV/m RBW: 1 MHz



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### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

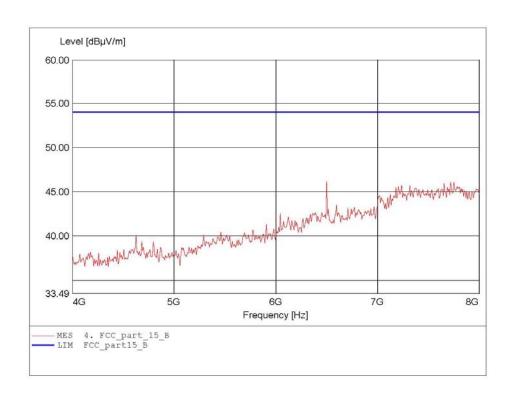
Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 Test Site / Operator: WTS / Brian Temperature: Test Specification: Comment 1:

802.11g

Temp.: 23.9°C according to subpart B / LP 0002

Dist.: 3m, Ant.: HL25, ampl. Freq:6.501GHz Emax:46.18dBpV/m RBW: 1 MHz



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### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

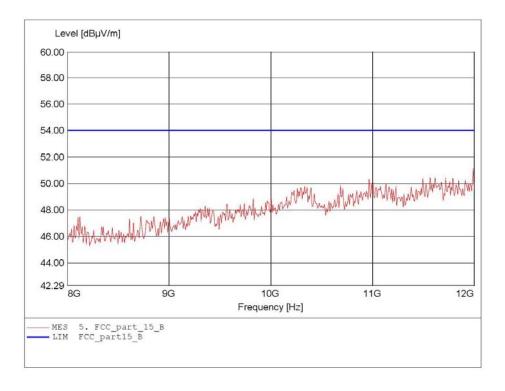
Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 Test Site / Operator: WTS / Brian Temperature: Test Specification: Comment 1:

802.11g

Temp.: 23.9°C according to subpart B / LP 0002

Dist.: 3m, Ant.: HL25, ampl. Freq:11.992GHz Emax:51.13dBµV/m RBW: 1 MHz



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### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

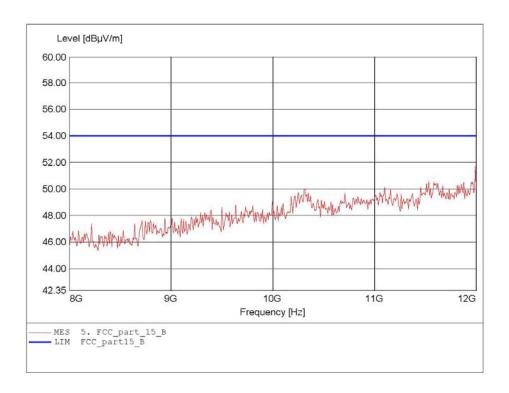
Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 Test Site / Operator: WTS / Brian Temperature: Test Specification: Comment 1:

802.11g

Temp.: 23.9°C according to subpart B / LP 0002

Dist.: 3m, Ant.: HL25, ampl. Freq:11.992GHz Emax:51.70dBµV/m RBW: 1 MHz



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### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

Comment 1:

FCC ID: MSQ-PCIG31

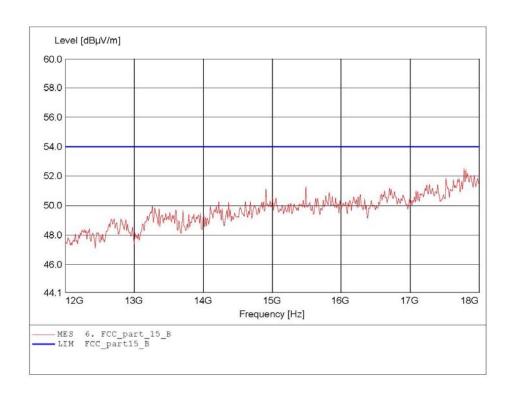
Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 Test Site / Operator: WTS / Brian Temperature: Test Specification:

802.11g

Temp.: 23.9°C according to subpart B / LP 0002

Dist.: 3m, Ant.: HL25, ampl. Freq:17.784GHz Emax:52.53dBµV/m RBW: 1 MHz



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### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

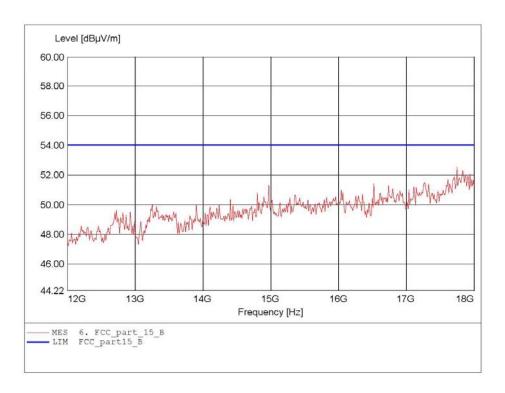
Order Number: W6D20806-9177 Test Site / Operator: WTS / Brian Temperature: Test Specification: Comment 1:

802.11g

Temp.: 23.9°C

according to subpart B / LP 0002

Dist.: 3m, Ant.: HL25, ampl. Freq:17.747GHz Emax:52.55dBµV/m RBW: 1 MHz



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### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

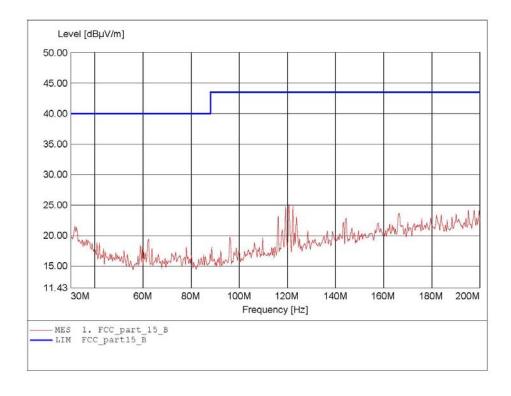
Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C
Comment 1: Ant.: HK 116

W6D20806-9177

802.11g ch11

Freq:120.621MHz Emax:25.03dBuV/m RBW: 100 kHz



7/16/2008 9:36AM Overview / Antenna horizontal

### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

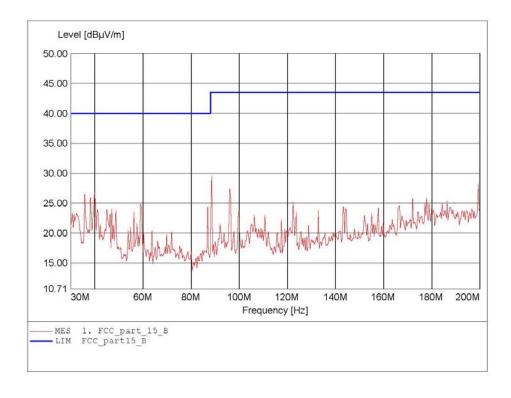
Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C
Comment 1: Ant.: HK 116

W6D20806-9177

802.11g ch11

Freq:88.597MHz Emax:29.50dBuV/m RBW: 100 kHz



7/16/2008 9:43AM Overview / Antenna vertical

#### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



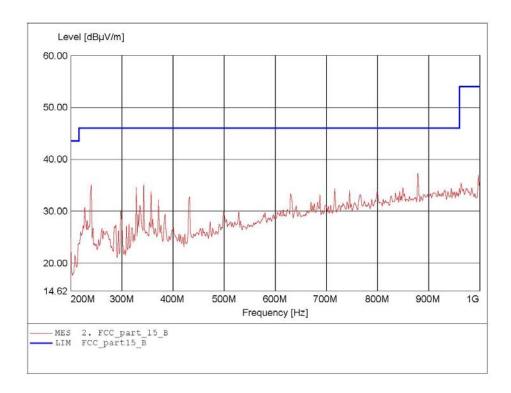
Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 802.11g ch11 Test Site / Operator: WTS / Brian
Temperature: Temp:: 23.9°C
Comment 1: Ant.: HL 223, ampl.

Freq:878.156MHz Emax:37.32dBuV/m RBW: 100 kHz



7/16/2008 8:04AM Overview / Antenna horizontal

### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



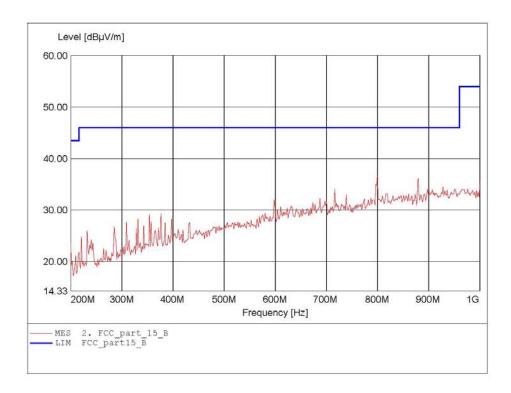
Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 802.11g ch11 Test Site / Operator: WTS / Brian
Temperature: Temp:: 23.9°C
Comment 1: Ant.: HL 223, ampl.

Freq: 799.599MHz Emax: 36.82dBuV/m RBW: 100 kHz



7/16/2008 8:06AM Overview / Antenna vertical

#### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

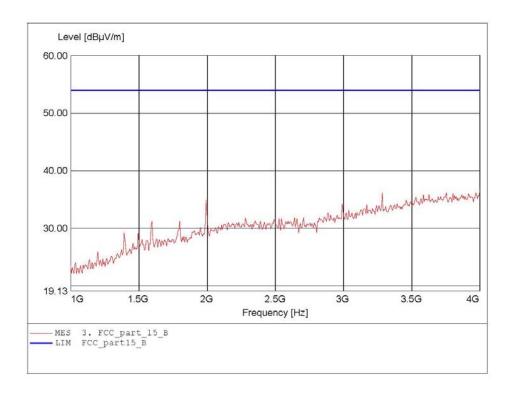
FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 802.11g ch1
Test Site / Operator: WTS / Brian

Temperature: Temp.: 23.9°C
Comment 1: Ant.: HL25, ampl.

Freq:4.000GHz Emax:36.91dBuV/m RBW: 1 MHz



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### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

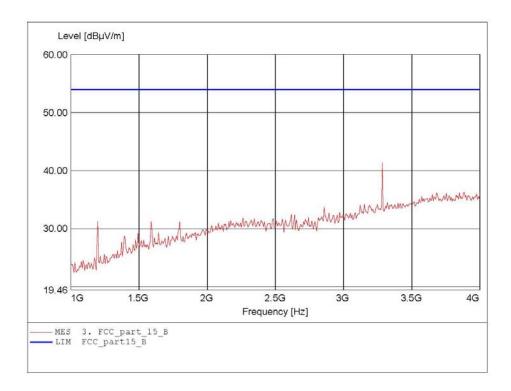
FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 802.11g chl1
Test Site / Operator: WTS / Brian

Temperature: Temp.: 23.9°C
Comment 1: Ant.: HL25, ampl.

Freq:3.285GHz Emax:41.37dBµV/m RBW: 1 MHz



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### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

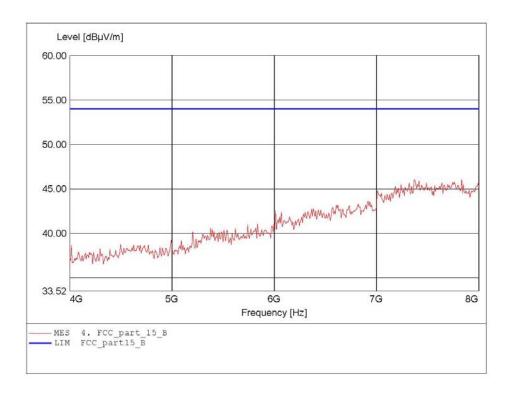
FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 802.11g ch1
Test Site / Operator: WTS / Brian

Temperature: Temp.: 23.9°C
Comment 1: Ant.: HL25, ampl.

Freq: 7.832GHz Emax: 46.05dBuV/m RBW: 1 MHz



Page 1/1 7/16/2008 2:53PM Overview / Antenna horizontal

### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

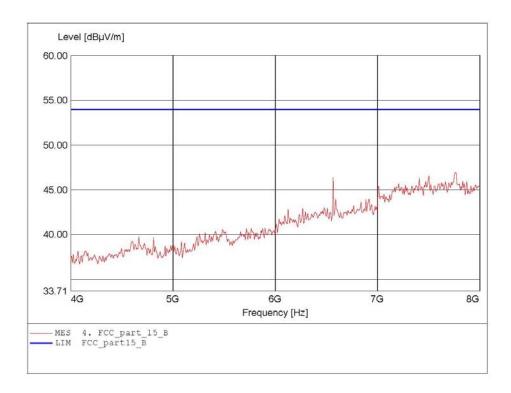
FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177 802.11g chi

Temperature: Temp.: 23.9°C
Comment 1: Ant.: HL25, ampl.

Freq:7.760GHz Emax:46.93dBµV/m RBW: 1 MHz



Page 1/1 7/16/2008 2:56PM Overview / Antenna vertical

#### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

Comment 1:

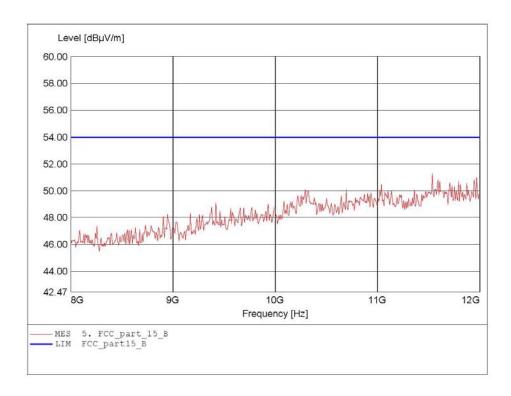
FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: Order Number:
Test Site / Operator: WTS / Brian
Temperature: Temp: 23.9°C
according to subpart B / LP 0002

W6D20806-9177 802.11g

Dist.: 3m, Ant.: HL25, ampl. Freq:11.535GHz Emax:51.29dBµV/m RBW: 1 MHz



7/16/2008 2:54PM Overview / Antenna horizontal

#### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

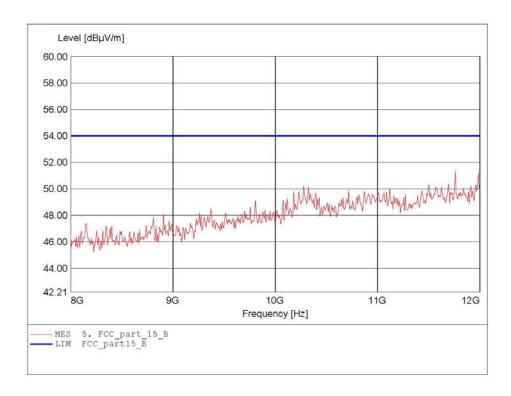
FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177

Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C
Test Specification: according to subpart B / LP 0002
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:11.760GHz Emax:51.41dBµV/m RBW: 1 MHz

802.11g



7/16/2008 2:55PM Overview / Antenna vertical

#### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: Test Site / Operator: WTS / Brian Temperature: Test Specification:

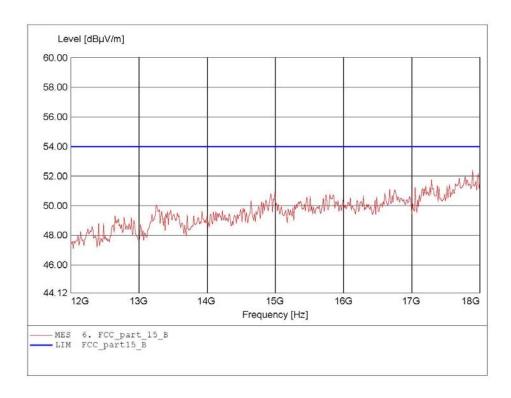
Temp.: 23.9°C according to subpart B / LP 0002

Comment 1:

W6D20806-9177

Dist.: 3m, Ant.: HL25, ampl. Freq:17.892GHz Emax:52.42dBµV/m RBW: 1 MHz

802.11g



7/16/2008 2:54PM Overview / Antenna horizontal

#### **Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

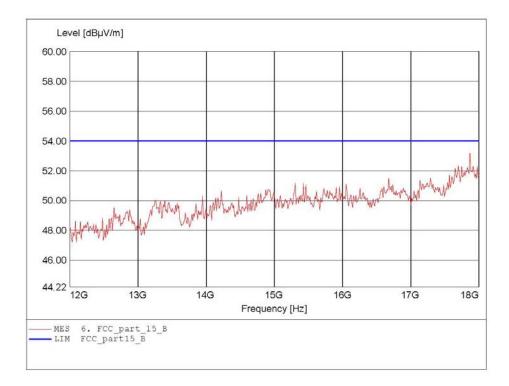
FCC ID: MSQ-PCIG31

Field Strength under normal conditions FCC RULES PART 15, SUBPART B / LP 0002

Order Number: W6D20806-9177

Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C
Test Specification: according to subpart B / LP 0002
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:17.868GHz Emax:53.18dBµV/m RBW: 1 MHz

802.11g



7/16/2008 2:55PM Overview / Antenna vertical

#### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

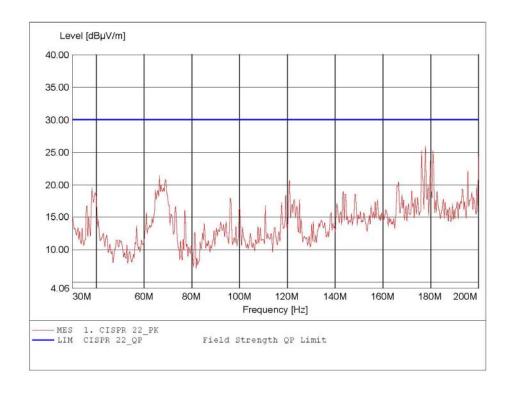
Spurious emissions under normal conditions

in accordance to the CISPR 22

Order Number: W6D20806-9177
Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C

Comment 1: Ant.: HK 116

Freq:177.856MHz Emax:25.95dBµV/m RBW: 100 kHz



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#### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

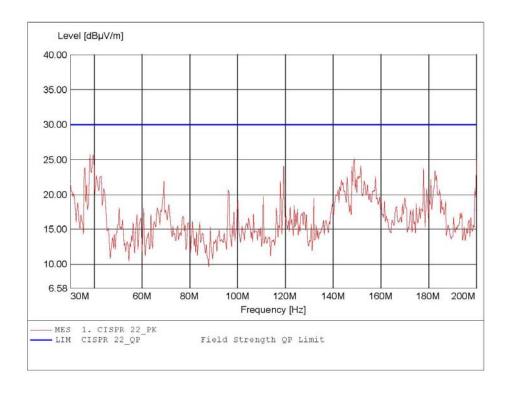
Spurious emissions under normal conditions

in accordance to the CISPR 22

Order Number: W6D20806-9177
Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C

Comment 1: Ant.: HK 116

Freq:39.539MHz Emax:25.76dBuV/m RBW: 100 kHz



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### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

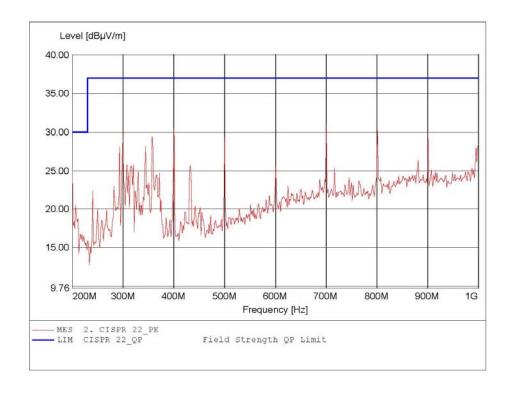
Spurious emissions under normal conditions

in accordance to the CISPR 22

Order Number: W6D20806-9177
Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C

Comment 1: Ant.: HL 223

Freq:700.200MHz Emax:31.02dBµV/m RBW: 100 kHz



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### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

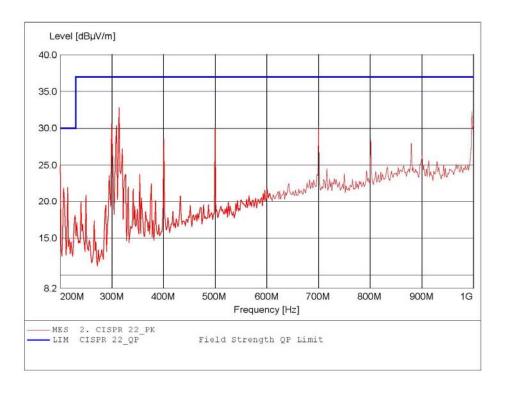
Spurious emissions under normal conditions

in accordance to the CISPR 22

Order Number: W6D20806-9177
Test Site / Operator: WTS / Brian
Temperature: Temp.: 23.9°C

Comment 1: Ant.: HL 223

Freq:313.828MHz Emax:32.78dBuV/m RBW: 100 kHz



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### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

#### **Power Line Conducted Emission**

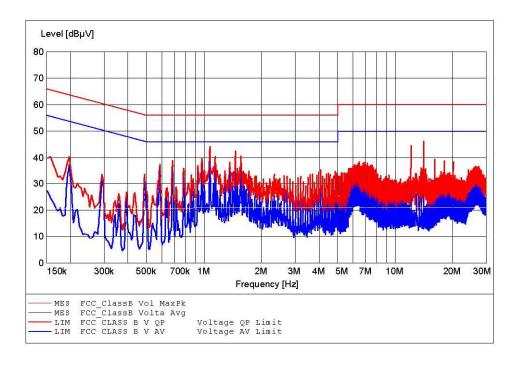
EMI voltage test in the ac-mains according to FCC Part 15

Class B

Order Number: W6D20806-9177 Operating Condition: Tnom: 23.9°C

Operator: WTS Brian

Test Specification: V-network: ESH3-Z5 N



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Note: Up Line: QP Limit Line, Down Line: Ave Limit Line

- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
- 3. For corrected test results are listed in the relevant table of AC conducted test data of this test report.



Registration number: W6D20806-9177-C-1

FCC ID: MSQ-PCIG31

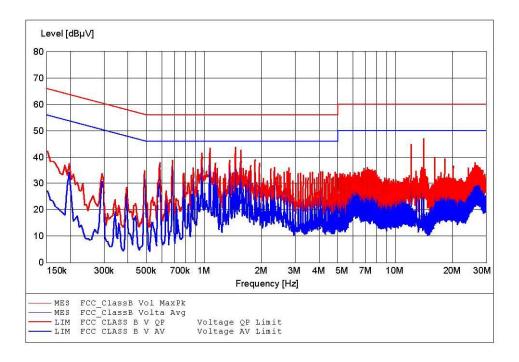
EMI voltage test in the ac-mains according to FCC Part 15

Class B

Order Number: W6D20806-9177 Operating Condition: Tnom: 23.9°C Test Site: WTS

Operator: Brian

Test Specification: V-network: ESH3-Z5 Li



Page 1/1 7/16/2008 9:40AM

Note: Up Line: QP Limit Line, Down Line: Ave Limit Line

- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
- 3. For corrected test results are listed in the relevant table of AC conducted test data of this test report.