

FCC CFR47 PART 15 SUBPART B DECLARATION OF CONFORMITY TEST REPORT FOR

PCMCIA MODEM CARD CDMA

MODEL NUMBER: AC595

FCC ID: N7NAC595

REPORT NUMBER: 06U10234-3

ISSUE DATE: MAY 05, 2006

Prepared for SIERRA WIRELESS 2290 COSMOS CT. CARLSBAD, CA 92009, USA

Prepared by COMPLIANCE CERTIFICATION SERVICES 561F MONTEREY ROAD MORGAN HILL, CA 95037, USA TEL: (408) 463-0885 FAX: (408) 463-0888

* Details of specific model(s) tested and model differences are identified in the body of report.



Revision History

| | Issue | | |
|------|------------|---------------|------------|
| Rev. | Date | Revisions | Revised By |
| | 05/05/2006 | Initial Issue | A. Ilarina |
| | 05/05/2006 | Initial Issue | A.I |

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1. ATTESTATION OF TEST RESULTS

| COMPANY NAME: | SIERRA WIRELESS 2290 COSMOS CT. CARLSBAD, CA 92009, USA | | | | |
|--|---|-------------------------|--|--|--|
| EUT DESCRIPTION: PCMCIA MODEM CARD CDMA | | | | | |
| MODEL NUMBER: | AC595 | | | | |
| SERIAL NUMBER: | P270066000401 | 3 | | | |
| DATE TESTED: | MAY 01-04, 20 | 06 | | | |
| | APPLICAE | BLE STANDARDS | | | |
| STANDAF | RD | TEST RESULTS | | | |
| FCC PART 15 SU | BPART B | NO NON-COMPLIANCE NOTED | | | |
| | | | | | |

Compliance Certification Services, Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by Compliance Certification Services and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Compliance Certification Services will constitute fraud and shall nullify the document. No part of this report may be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any government agency.

Approved & Released For CCS By:

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Chin Pany

CHIN PANG EMC ENGINEER COMPLIANCE CERTIFICATION SERVICES

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.4-2003.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 561F Monterey Road, Morgan Hill, California, USA. The sites are constructed in conformance with the requirements of ANSI C63.4, ANSI C63.7 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

CCS is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <u>http://www.ccsemc.com</u>.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| PARAMETER | UNCERTAINTY |
|-------------------------------------|----------------|
| Radiated Emission, 30 to 200 MHz | +/- 3.3 dB |
| Radiated Emission, 200 to 1000 MHz | +4.5 / -2.9 dB |
| Radiated Emission, 1000 to 2000 MHz | +4.5 / -2.9 dB |
| Power Line Conducted Emission | +/- 2.9 dB |

Uncertainty figures are valid to a confidence level of 95%.

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5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a PCMCIA CDMA wireless wide area network high speed modem.

The module is manufactured by Sierra Wireless.

GENERAL INFORMATION

| CHASSIS MATERIAL | METAL |
|---|------------------------|
| ENCLOSURE MATERIAL | METAL |
| POWER REQUIREMENTS | 100-240 VAC / 50-60 Hz |
| POWERLINE FILTER MANUFACTURER AND MODEL | NA |
| LIST OF ALL OSCILLATOR FREQUENCIES | CPU: 1.66 GHz |
| GREATER THAN OR EQUAL TO 9 kHz | 48 MHz, 32.765 kHz |

5.2. PRELIMINARY TEST CONFIGURATIONS

The following configurations were investigated during preliminary testing:

| EUT Configuration | Description |
|-----------------------|--|
| Typical Configuration | EUT installed in laptop. Laptop connected to monitor, |
| | Telephone Simulator, USB mouse, Headset and Microphone |

5.3. MODE(S) OF OPERATION

| Mode Description | |
|-------------------|--|
| Pinging / EMCTest | Ethernet, Audio, & all I/O ports activate with 'H' patterns scrolling on the screen display. |

5.4. SOFTWARE AND FIRMWARE

The test software used during the tests were Pinging and EMCTest.

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5.5. DETAILS OF TESTED SYSTEM

SUPPORT EQUIPMENT & PERIPHERALS

| PERIPHERAL SUPPORT EQUIPMENT LIST | | | | | | | |
|-----------------------------------|---------------|---------|------------------------|------------|--|--|--|
| Description | Manufacturer | Model | Serial Number | FCC ID | | | |
| Microphone | Quickshot | QS-5838 | NA | NA | | | |
| Printer | HP | 2225C | 2930852614 | DSI6XU2225 | | | |
| Mouse | Logitech | BT96a | HCA550002166 | DoC | | | |
| Telephone Simulator | Teltone | TLS3 | NA | NA | | | |
| Headset | Made in China | LT-100 | NA | NA | | | |
| AC Adapter | IBM | 08K8204 | 11S08K8204Z1Z9V04BY9Y5 | DoC | | | |

I/O CABLES

| | I/O CABLE LIST | | | | | | | | |
|-------|----------------|-----------|-----------|-------------|--------|-------------------------|--|--|--|
| Cable | le Port # of C | | Connector | Cable | Cable | Remarks | | | |
| No. | | Identical | Туре Туре | | Length | | | | |
| | | Ports | | | | | | | |
| 1 | AC | 3 | US 115V | Un-shielded | 2m | N/A | | | |
| 2 | DC | 1 | DC | Un-shielded | 2m | N/A | | | |
| 3 | Parallel | 1 | DB25 | Shielded | 2m | N/A | | | |
| 4 | RJ11 | 1 | RJ11 | Un-shielded | 2m | N/A | | | |
| 5 | Mic | 1 | Din | Un-shielded | 2m | N/A | | | |
| 6 | Line Out | 1 | Din | Un-shielded | 1m | N/A | | | |
| 7 | USB | 1 | USB | Un-shielded | 2m | N/A | | | |
| 8 | Ethernet | 1 | RJ45 | Shielded | 30m | Connected to CCS Server | | | |

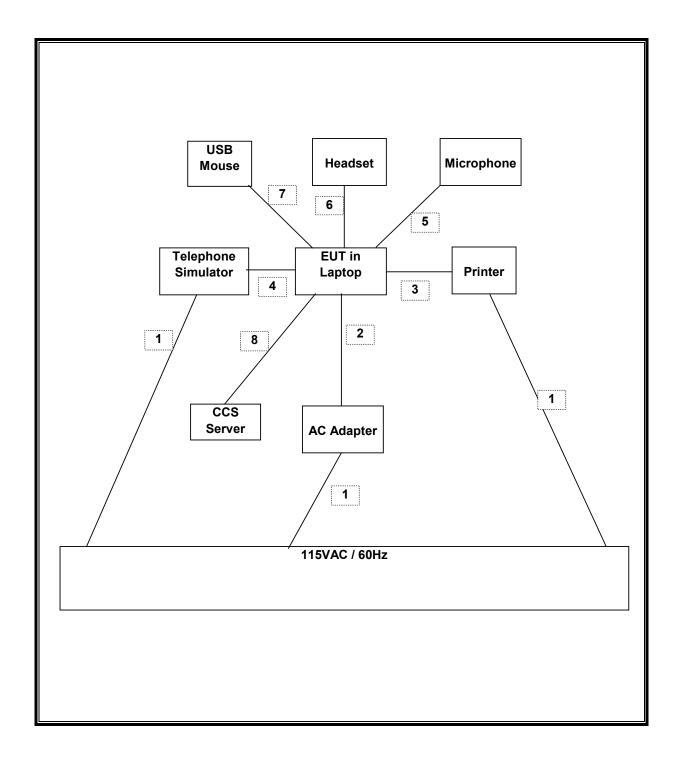
TEST SETUP

The EUT is installed in a typical configuration. Test software exercised the radio card and activated all I/O ports

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TEST SETUP DIAGRAM



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6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

| TEST EQUIPMENT LIST | | | | | | | | |
|-------------------------------|----------------|------------------|---------------|---------|--|--|--|--|
| Description | Manufacturer | Model | Serial Number | Cal Due | | | | |
| LISN, 10 kHz ~ 30 MHz | FCC | LISN-50/250-25-2 | 7/15/1905 | 8/30/06 | | | | |
| EMI Test Receiver | R & S | ESHS 20 | 827129/006 | 6/3/06 | | | | |
| Antenna, Bilog 30 MHz ~ 2 Ghz | Sunol Sciences | JB1 | A121003 | 9/3/06 | | | | |
| EMI Receiver, 9 kHz ~ 2.9 GHz | Agilent / HP | 8542E | 3942A00286 | 2/4/07 | | | | |
| RF Filter Section | Agilent / HP | 85420E | 3705A00256 | 2/4/07 | | | | |
| Antenna, Horn 1 ~ 18 GHz | EMCO | 3115 | 2238 | 4/22/07 | | | | |
| Preamplifier, 1 ~ 26.5 GHz | Agilent / HP | 8449B | 3008A00561 | 10/3/07 | | | | |
| Spectrum Analyzer, 26.5 GHz | Agilent / HP | 8593EM | 3710A00205 | 7/26/06 | | | | |

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7. APPLICABLE LIMITS AND TEST RESULTS

7.1. RADIATED EMISSIONS

TEST PROCEDURE

ANSI C63.4

The highest clock frequency generated or used in the EUT is 1.66 GHz; therefore the frequency range was investigated from 30 MHz to 8.3 GHz

<u>LIMIT</u>

§15.109 (a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

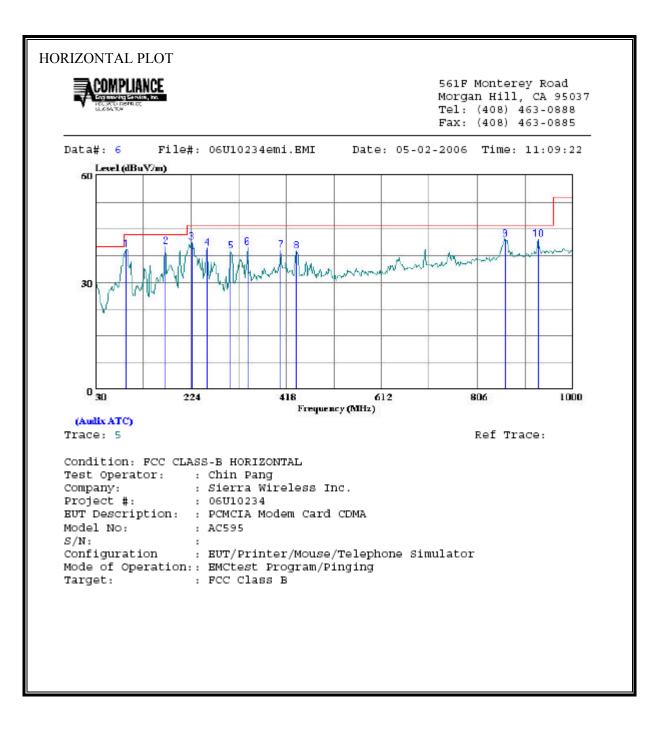
| Limits for radiated disturbance of Class B ITE at measuring distance of 3 m | | | | | |
|---|---------------|--|--|--|--|
| Frequency range Quasi-peak limits | | | | | |
| (MHz) | $(dB\mu V/m)$ | | | | |
| 30 to 88 40 | | | | | |
| 88 to 216 | 43.5 | | | | |
| 216 to 960 46 | | | | | |
| Above 960 MHz 54 | | | | | |
| Note: The lower limit shall apply at the transition frequency. | | | | | |

RESULTS

No non-compliance noted:

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SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)



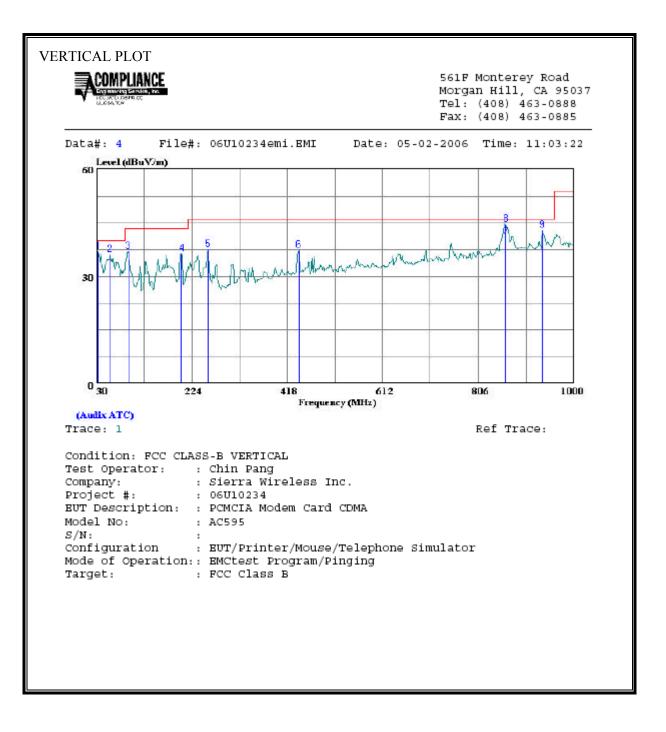
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| HORIZONTAL DATA | | | | | | | | | |
|---|--|---|--|---|---|---|--|---------|---|
| | | | | | Limit Line | Limit | | Page: 1 | L |
| | MHZ | dBuV | dB | dBuV/m | dBuV/m | dB | | | |
| 1 2 3 4 5 6 7 8 9 10 | 92.080 172.590 225.940 305.480 339.430 407.330 439.340 862.260 929.190 | 30.00 26.86 28.41 25.40 23.02 23.26 20.90 19.97 16.71 | 9.31 13.31 12.91 14.21 15.80 16.61 18.21 18.96 25.40 | 39.31 40.17 41.32 39.61 38.82 39.87 39.11 38.93 42.10 | 43.50 43.50 46.00 46.00 46.00 46.00 46.00 46.00 46.00 | -4.19 -3.33 -4.68 -6.39 -7.18 -6.13 -6.89 -7.07 -3.90 | Peak Peak Peak Peak Peak Peak Peak | | |

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SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)



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| VERTICAL DATA | | | | | | | | | | |
|---|--|--|---|--|---|--|--|---------|--|--|
| | Freq | Read Level | | Level | Limit Line | | Remark | Page: 1 | | |
| | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | | | | |
| 1 2 3 4 5 6 7 8 9 | 33.880 58.130 94.990 202.660 256.980 441.280 861.290 861.290 935.980 | 17.84 27.44 26.94 22.19 23.28 18.26 15.65 19.17 | 19.05 8.61 10.12 14.22 14.21 19.02 25.38 25.38 | 36.89 36.05 37.06 36.41 37.49 37.28 41.03 44.55 | 40.00 40.00 43.50 43.50 46.00 46.00 46.00 | -3.11 -3.95 -6.44 -7.09 -8.51 -8.72 -4.97 -1.45 | Peak Peak Peak Peak QP Peak | | | |
| | | | | | | | | | | |

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RADIATED EMISSIONS ABOVE 1GHz

| Project Compan EUT De | ngineer: #:06U1 ny:Sierra | Chin Pang 0234 a Wireless on:PCMCL | Services, M Inc. A Moden Ca | - | | pen Fiel | d Site | | | | | | | | | |
|--|---|--|--|---|---|--|---|--|--|--|--|--|---|---|---|--|
| | rget:FC | C Class B ation:EMC | test Progran | n/Pingiı | ng | | | | | | | | | | | |
| <u>Test Eq</u> | uipmen | <u>t:</u> | C | | - | | | | | | | | | | | |
| Horn 1-18GHz Pre-amplifer 1-26GHz | | | | | | GHz | Pre-amplifer 26-40GHz | | | | н | Horn > 18GHz | | | Limit | |
| T73; 5 | S/N: 671 | 7 @3m | ▼ T34 HI | 9 8449B | | • | | | | • | | | | - | FCC 15.209 | |
| | quency Cal | | 3 | foot o | able | | | foot c | | | HPF | Re | ject Filte | | <mark>x Measurements</mark> W=VBW=1MHz | |
| | | | Chin | 1975380 | 01 | • | Chin 20 | 03540 | ⁰¹ | | | • | | | <u>ge Measurements</u> 1MHz ; VBW=10Hz | |
| 1 | | | | | | | | | | | | | | | | |
| f | Dist | 1 | Read Avg. | AF | CL | Amp | D Corr | | Peak | Avg | | | | Avg Mar | Notes | |
| GHz | (m) | dBuV | dBuV | dB/m | dB | dB | dB | dB | dBuV/m | dBuV/m | dBuV/m | dBuV/m | dB | dB | (V/H) | |
| GHz .062 | (m) 3.0 | dBuV 73.0 | dBuV 54.2 | dB/m 24.1 | dB 1.5 | dB -38.2 | dB 0.0 | dB 0.0 | dBuV/m 60.4 | dBuV/m 41.6 | dBuV/m 74 | dBuV/m 54 | dB -13.6 | dB -12.4 | (V/H) V | |
| GHz 1.062 1.385 | (m) 3.0 3.0 | dBuV 73.0 72.4 | dBuV 54.2 51.0 | dB/m 24.1 25.2 | dB 1.5 1.7 | dB -38.2 -37.7 | dB 0.0 0.0 | dB 0.0 0.0 | dBuV/m 60.4 61.5 | dBuV/m 41.6 40.1 | dBuV/m 74 74 | dBuV/m 54 54 | dB -13.6 -12.5 | dB -12.4 -13.9 | (V/H) V V | |
| GHz 1.062 1.385 1.595 | (m) 3.0 | dBuV 73.0 | dBuV 54.2 | dB/m 24.1 | dB 1.5 | dB -38.2 | dB 0.0 | dB 0.0 | dBuV/m 60.4 | dBuV/m 41.6 | dBuV/m 74 | dBuV/m 54 | dB -13.6 | dB -12.4 | (V/H) V | |
| GHz 1.062 1.385 1.595 2.450 | (m) 3.0 3.0 3.0 | dBuV 73.0 72.4 60.0 | dBuV 54.2 51.0 39.0 | dB/m 24.1 25.2 25.9 | dB 1.5 1.7 1.8 | dB -38.2 -37.7 -37.4 | dB 0.0 0.0 0.0 | dB 0.0 0.0 0.0 | dBuV/m 60.4 61.5 50.2 | dBuV/m 41.6 40.1 29.2 | dBuV/m 74 74 74 | dBuV/m 54 54 54 | dB -13.6 -12.5 -23.8 | dB -12.4 -13.9 -24.8 | (V/H) V V V | |
| GHz 1.062 1.385 1.595 2.450 1.063 1.387 | (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 | dBuV 73.0 72.4 60.0 53.0 65.0 65.6 | dBuV 54.2 51.0 39.0 34.2 45.3 44.0 | dB/m 24.1 25.2 25.9 28.4 24.1 25.2 | dB 1.5 1.7 1.8 2.2 1.5 1.7 | dB -38.2 -37.7 -37.4 -36.3 -38.2 -37.7 | dB 0.0 0.0 0.0 0.0 0.0 0.0 | dB 0.0 0.0 0.0 0.0 0.0 0.0 | dBuV/m 60.4 61.5 50.2 47.4 52.4 54.7 | dBuV/m 41.6 40.1 29.2 28.6 32.7 33.1 | dBuV/m 74 74 74 74 74 74 74 | dBuV/m 54 54 54 54 54 54 54 | dB -13.6 -12.5 -23.8 -26.6 -21.6 -19.3 | dB -12.4 -13.9 -24.8 -25.4 -21.3 -20.9 | (V/H) V V V V H H | |
| GHz 1.062 1.385 1.595 2.450 1.063 1.387 | (m) 3.0 3.0 3.0 3.0 3.0 3.0 | dBuV 73.0 72.4 60.0 53.0 65.0 | dBuV 54.2 51.0 39.0 34.2 45.3 | dB/m 24.1 25.2 25.9 28.4 24.1 | dB 1.5 1.7 1.8 2.2 1.5 | dB -38.2 -37.7 -37.4 -36.3 -38.2 | dB 0.0 0.0 0.0 0.0 0.0 | dB 0.0 0.0 0.0 0.0 0.0 | dBuV/m 60.4 61.5 50.2 47.4 52.4 | dBuV/m 41.6 40.1 29.2 28.6 32.7 | dBuV/m 74 74 74 74 74 74 | dBuV/m 54 54 54 54 54 54 | dB -13.6 -12.5 -23.8 -26.6 -21.6 | dB -12.4 -13.9 -24.8 -25.4 -21.3 | (V/H) V V V V V H | |
| GHz 1.062 1.385 1.595 2.450 1.063 1.387 2.335 | (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 | dBuV 73.0 72.4 60.0 53.0 65.0 65.6 52.0 | dBuV 54.2 51.0 39.0 34.2 45.3 44.0 | dB/m 24.1 25.2 25.9 28.4 24.1 25.2 28.1 | dB 1.5 1.7 1.8 2.2 1.5 1.7 2.2 | dB -38.2 -37.7 -37.4 -36.3 -38.2 -37.7 -36.4 | dB 0.0 0.0 0.0 0.0 0.0 0.0 | dB 0.0 0.0 0.0 0.0 0.0 0.0 | dBuV/m 60.4 61.5 50.2 47.4 52.4 54.7 | dBuV/m 41.6 40.1 29.2 28.6 32.7 33.1 | dBuV/m 74 74 74 74 74 74 74 | dBuV/m 54 54 54 54 54 54 54 | dB -13.6 -12.5 -23.8 -26.6 -21.6 -19.3 | dB -12.4 -13.9 -24.8 -25.4 -21.3 -20.9 | (V/H) V V V V H H | |
| GHz 1.062 1.385 1.595 2.450 1.063 1.387 2.335 | (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 | dBuV 73.0 72.4 60.0 53.0 65.0 65.6 52.0 issions were to Measuremet | dBuV 54.2 51.0 39.0 34.2 45.3 44.0 35.2 detected above ent Frequency | dB/m 24.1 25.2 25.9 28.4 24.1 25.2 28.1 the syste | dB 1.5 1.7 1.8 2.2 1.5 1.7 2.2 | dB -38.2 -37.7 -37.4 -36.3 -38.2 -37.7 -36.4 e floor. Amp | dB 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Preamp 0 | dB 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | dBuV/m 60.4 61.5 50.2 47.4 52.4 52.4 52.4 45.9 | dBuV/m 41.6 40.1 29.2 28.6 32.7 33.1 29.1 | dBuV/m 74 74 74 74 74 74 74 | dBuV/m 54 54 54 54 54 54 54 Avg Lim | dB -13.6 -12.5 -23.8 -26.6 -21.6 -19.3 -28.1 | dB -12.4 -13.9 -24.8 -25.4 -21.3 -20.9 -24.9 -24.9 | (V/H) V V V H H H h Limit | |
| GHz .062 .385 .595 .450 .063 .387 .335 | (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 | dBuV 73.0 72.4 60.0 53.0 65.0 65.6 52.0 issions were to bissions were to Distance to | dBuV 54.2 51.0 39.0 34.2 45.3 44.0 35.2 detected above ent Frequency Antenna | dB/m 24.1 25.2 25.9 28.4 24.1 25.2 28.1 the syste | dB 1.5 1.7 1.8 2.2 1.5 1.7 2.2 | dB -38.2 -37.7 -37.4 -36.3 -38.2 -37.7 -36.4 -36.4 | dB 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0. | dB 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0. | dBuV/m 60.4 61.5 50.2 47.4 52.4 54.7 45.9 | dBuV/m 41.6 40.1 29.2 28.6 32.7 33.1 29.1 | dBuV/m 74 74 74 74 74 74 74 | dBuV/m 54 54 54 54 54 54 54 54 54 54 54 54 54 | dB -13.6 -12.5 -23.8 -26.6 -21.6 -19.3 -28.1 | dB -12.4 -13.9 -24.8 -25.4 -21.3 -20.9 -24.9 -24.9 -24.9 | (V/H) V V V H H H h Limit imit | |
| GHz 1.062 1.385 1.595 2.450 1.063 1.387 2.335 | (m) 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 | dBuV 73.0 72.4 60.0 53.0 65.0 65.6 52.0 issions were to Measuremet | dBuV 54.2 51.0 39.0 34.2 45.3 44.0 35.2 detected above ent Frequency Antenna eading | dB/m 24.1 25.2 25.9 28.4 24.1 25.2 28.1 the syste | dB 1.5 1.7 1.8 2.2 1.5 1.7 2.2 | dB -38.2 -37.7 -37.4 -36.3 -38.2 -37.7 -36.4 e floor. Amp | dB 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0. | dB 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Correct Field S | dBuV/m 60.4 61.5 50.2 47.4 52.4 52.4 52.4 45.9 | dBuV/m 41.6 40.1 29.2 28.6 32.7 33.1 29.1 | dBuV/m 74 74 74 74 74 74 74 | dBuV/m 54 54 54 54 54 54 54 54 54 54 54 54 54 | dB -13.6 -12.5 -23.8 -26.6 -21.6 -19.3 -28.1 | dB -12.4 -13.9 -24.8 -25.4 -21.3 -20.9 -24.9 -24.9 | (V/H) V V V H H H h Limit imit | |

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7.2. AC MAINS LINE CONDUCTED EMISSIONS

TEST PROCEDURE

ANSI C63.4

<u>LIMIT</u>

\$15.107 (a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

| Frequency range | Limits (dBµV) | | | | | |
|-----------------|---------------|----------|--|--|--|--|
| (MHz) | Quasi-peak | Average | | | | |
| 0.15 to 0.50 | 66 to 56 | 56 to 46 | | | | |
| 0.50 to 5 | 56 | 46 | | | | |
| 5 to 30 | 60 | 50 | | | | |
| Notes: | | | | | | |

1. The lower limit shall apply at the transition frequencies

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

RESULTS

No non-compliance noted:

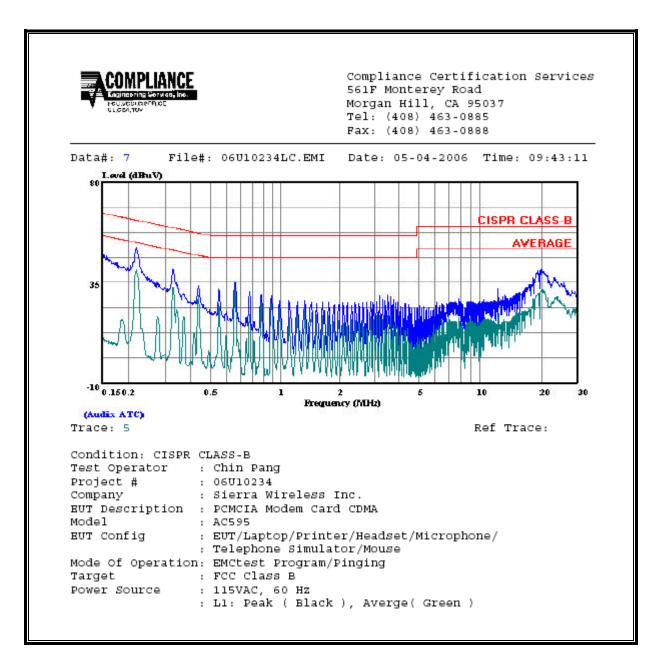
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<u>6 WORST EMISSIONS</u>

| CONDUCTED EMISSIONS DATA (115VAC 60Hz) | | | | | | | | | | |
|--|-----------|-----------|-----------|------|--------|-------|---------|---------|---------|--|
| Freq. | | Closs | Limit | EN_B | Margin | | Remark | | | |
| (MHz) | PK (dBuV) | QP (dBuV) | AV (dBuV) | (dB) | QP | AV | QP (dB) | AV (dB) | L1 / L2 | |
| 0.22 | 50.68 | | 40.60 | 0.00 | 62.86 | 52.86 | -12.18 | -12.26 | L1 | |
| 0.33 | 40.88 | | 32.89 | 0.00 | 59.53 | 49.53 | -18.65 | -16.64 | L1 | |
| 20.06 | 41.20 | | 32.14 | 0.00 | 60.00 | 50.00 | -18.80 | -17.86 | L1 | |
| 0.22 | 50.34 | | 38.92 | 0.00 | 62.86 | 52.86 | -12.52 | -13.94 | L2 | |
| 0.33 | 39.76 | | 30.35 | 0.00 | 59.45 | 49.45 | -19.69 | -19.10 | L2 | |
| 19.84 | 38.92 | | 29.97 | 0.00 | 60.00 | 50.00 | -21.08 | -20.03 | L2 | |
| 6 Worst Data | | | | | | | | | | |

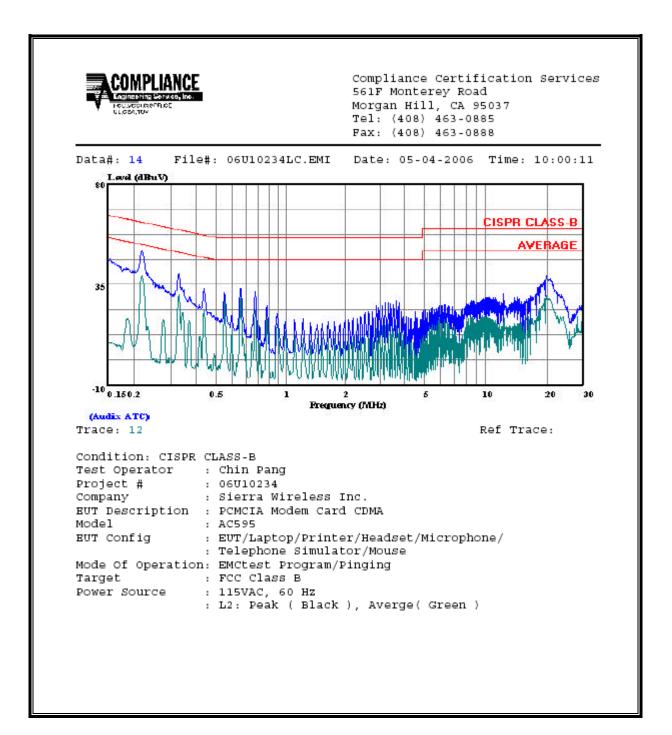
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LINE 1 RESULTS



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LINE 2 RESULTS



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