



Test Certificate

A sample of the following product received on May 13, 2011 and tested on May 13, 18 and 19, 2011 complied with the requirements of,

- EN 301 489-1 V1.8.1 "Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements"
- EN 301 489-17 V2.1.1 "Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems"

given the measurement uncertainties as detailed in Elliott report R83345.

Ubiquiti Networks Model PicoStation M2-HP

Mark E. Hill
Staff Engineer

Ubiquiti Networks

Printed Name



Testing Cert #2016.01

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EMC Test Report
EN 301 489-1 v1.8.1
Model: PicoStation M2-HP

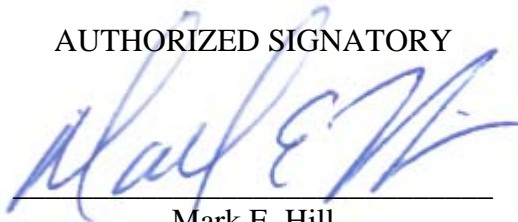
COMPANY: Ubiquiti Networks
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TEST SITE(S): 41039 Boyce Road.
Fremont, CA. 94538-2435

REPORT DATE: June 2, 2011

FINAL TEST DATES: May 13, 18 and 19, 2011

AUTHORIZED SIGNATORY



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Testing Cert #2016.01

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REVISION HISTORY

| Rev# | Date | Comments | Modified By |
|------|------------|---------------|-------------|
| - | 06-02-2011 | First release | |

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SCOPE

The European Committee for Electrotechnical Standardization (CENELEC), the European Telecommunications Standards Institute (ETSI) and the International Electrotechnical Commission (IEC) publish standards regarding the electromagnetic compatibility of electronic devices. Electromagnetic compatibility tests have been performed on the Ubiquiti Networks model PicoStation M2-HP in accordance with these standards. The tests were performed in accordance with the current, published versions of the basic standards referenced in the following standards, as outlined in Elliott Laboratories test procedures. The test data has been provided as an appendix to this report for reference.

| Standard | Title | Date |
|---------------|--|---------------------|
| EN 301 489-1 | Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements | 2008-04 (V1.8.1) |
| EN 301 489-17 | Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems | 2009-05 (V2.1.1) |

Note, the testing was limited to enclosure port tests, as the purpose of the testing was to evaluate changes to the enclosure of the product. All other elements of the device remained unchanged.

OBJECTIVE

The objective of the manufacturer is to declare conformity with one of the essential requirements of the R&TTE Directive 1999/5/EC. In order to demonstrate compliance, the manufacturer or a contracted laboratory makes measurements and takes the necessary steps to ensure that the equipment complies with the appropriate technical standards.

STATEMENT OF COMPLIANCE

The tested sample of Ubiquiti Networks model PicoStation M2-HP, given the performance criteria as specified by the manufacturer, complied with the requirements of the following standards:

| Standard/Regulation | Version | Standard Date |
|---------------------|---------|---------------|
| EN 301 489-1 | 1.8.1 | 2008-04 |
| EN 301 489-17 | 2.1.1 | 2009-05 |

The test results recorded herein are based on a single type test of the Ubiquiti Networks model PicoStation M2-HP and therefore apply only to the tested sample. The sample was selected and prepared by Jennifer Sanchez of Ubiquiti Networks

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product that could result in increased emissions should be checked to ensure compliance has been maintained (i.e., printed circuit board layout changes, different enclosure, different line filter or power supply, harnessing and/or interface cable changes, etc.).

DEVIATIONS FROM THE STANDARD

No deviations were made from the published requirements listed in the scope of this report.

TEST RESULTS

The following tests were performed on the Ubiquiti Networks model PicoStation M2-HP. The results are based upon performance criteria defined by the manufacturer. The actual test results and associated performance criteria are contained within an appendix of this report.

EMISSIONS TESTING

| Test | Port | Basic Standard | Level (Margin) | Status |
|---|--------------------------|----------------|------------------------|--------|
| Radiated Emissions 30MHz – 6GHz | Enclosure | EN 55022 | N/A – Note 1 | |
| Conducted Emissions 0.15 – 30MHz | AC Power | EN 55022 | Not performed – Note 2 | |
| Harmonic Current Emissions | | EN 61000-3-2 | Not performed – Note 2 | |
| Voltage Fluctuations | | EN 61000-3-3 | Not performed – Note 2 | |
| Conducted Emissions 0.15 – 30MHz | DC Power | EN 55022 | Not performed – Note 2 | |
| Conducted Emissions 0.15 – 30 MHz | Telecommunications Ports | EN 55022 | Not performed – Note 2 | |
| Note 1 This test is only applicable to ancillary equipment. The radiated emissions requirements for radio equipment are covered under the Radio standard. | | | | |
| Note 2 Testing limited to enclosure ports tests only. | | | | |

IMMUNITY TESTING

| Test | Basic Standard | Level Required | Level Tested | Criterion Met | Status |
|--|------------------------|---|---|---------------|----------|
| ElectroStatic Discharge | EN 61000-4-2 | 4 kV CD, 8 kV AD | 4 kV CD, 8 kV AD | A / TT / TR | Complied |
| Radio frequency Electromagnetic Field | EN 61000-4-3 | 80-1400 MHz 1400-2700 MHz 3 V/m 80% 1 KHz AM | 80-1400 MHz 1400-2700 MHz 3 V/m 80% 1 KHz AM | A / CT / CR | Complied |
| Fast Transients AC Power Ports | EN 61000-4-4 | Not Performed | | | |
| Fast Transients DC Power Ports | EN 61000-4-4 | N/A – Note 2 | | | |
| Fast Transients Telecommunications / Signal / Control Ports | EN 61000-4-4 | Not Performed | | | |
| Surge, AC Power Port | EN 61000-4-5 | Not Performed | | | |
| Surge Transients Telecommunications Ports (indoor cables) | EN 61000-4-5 | Not Performed | | | |
| Surge Transients Telecommunications Ports (outdoor cables) | EN 61000-4-5 | | | | |
| Vehicular Surges | ISO 7637-1, ISO 7637-2 | N/A – Note 3 | | | |
| Radio Frequency Common Mode AC Power Ports | EN 61000-4-6 | Not Performed | | | |
| Radio Frequency Common Mode DC Power Ports | EN 61000-4-6 | N/A – Note 2 | | | |
| Radio Frequency Common Mode Telecommunications/ Signal / Control Ports | EN 61000-4-6 | Not Performed | | | |
| Voltage Dips and Interrupts | EN 61000-4-11 | Not Performed | | | |
| Note 1 Testing limited to enclosure port tests. See Scope section for additional details. | | | | | |
| Note 2 The EUT does not have any DC power ports. | | | | | |
| Note 3 The EUT is not intended to be used in a vehicular environment | | | | | |

MEASUREMENT UNCERTAINTIES

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the test results be included in the report. The measurement uncertainties given below are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a 95% confidence level and were calculated in accordance with NAMAS document LAB 34. For emissions tests, the uncertainties were calculated using the approach described in CISPR 16-4-2:2003 and the levels were found to be below levels of Ucispr and therefore no adjustment of the data for measurement uncertainty is required.

| Measurement Type | Measurement Unit | Frequency Range | Expanded Uncertainty |
|-----------------------------|------------------|-----------------|----------------------|
| Conducted Emissions | dBuV | 0.15 to 30 MHz | ± 2.4 dB |
| Radiated Emissions | dBuV/m | 30 to 1000 MHz | ± 3.6 dB |
| AC Current Harmonics | Amps | 50 to 2,000 Hz | ± 0.12 % |
| AC Voltage Flicker | Voltage | N/A | ± 0.12 % |
| | Pst, Plt | N/A | ± 3.46 % |
| Radiated Immunity | V/m | 80 – 2500 MHz | - 26.3%, + 29.97% |
| ESD | KV | N/A | ± 8.6 % |
| Fast Transients | Voltage | N/A | ± 5.98 % |
| | Timing | N/A | ± 8.60 % |
| Surge | Voltage | N/A | ± 4.92 % |
| RF Common Mode (CDN method) | Vrms | 0.15 –80 MHz | -12.64 %, +13.33 % |
| RF Common Mode (BCI method) | Vrms | 0.15 –80 MHz | -13.45 %, +15.32 % |
| Voltage Dips | Voltage | N/A | ± 2.32 % |
| | Timing | N/A | ± 0.08 mS |

EQUIPMENT UNDER TEST (EUT) DETAILS**GENERAL**

The Ubiquiti Networks model PicoStation M2-HP is an Access Point that is designed for wireless networking. Since the EUT would be placed on a table top during operation, the EUT was treated as table-top equipment during testing to simulate the end-user environment. The electrical rating of the EUT is 15 Volts, 800mAmps.

The sample was received on May 13, 2011 and tested on May 13, 18 and 19, 2011. The EUT consisted of the following component(s):

| Company | Model | Description | Serial Number | FCC ID |
|-------------------|-------------------|---------------------|---------------|--------|
| Ubiquiti Networks | PicoStation M2-HP | 2.4GHz Access Point | 002722121C3F | SWX-M2 |

ENCLOSURE

The EUT enclosure is primarily constructed of fabricated plastic. It measures approximately 4 cm wide by 4 cm deep by 33.5 cm high.

MODIFICATIONS

No modifications were made to the EUT during the time the product was at Elliott.

SUPPORT EQUIPMENT

The following equipment was used as local support equipment for testing:

| Company | Model | Description | Serial Number | FCC ID |
|-------------------|--------------|--------------|---------------|--------|
| Ubiquiti Networks | UBI-POE-15-8 | POE Injector | n/a | n/a |
| Dell | Vostro | PC Laptop | 2011-2297 | n/a |

The following equipment was used as remote support equipment for testing:

| Company | Model | Description | Serial Number | FCC ID |
|---------|---------------|-------------|-----------------------|--------|
| Dell | Inspiron 2200 | PC Laptop | Elliott EMC Laptop# 3 | n/a |

EUT INTERFACE PORTS

The I/O cabling configuration during emissions testing was as follows:

| Port | | Description | Cable(s) | |
|-------------------|------------------|-------------|---------------------|-----------|
| From | To | | Shielded/Unshielded | Length(m) |
| LAN(EUT) | POE | Cat. 5 | Unshielded | 2 |
| POE Injector(POE) | Remote PC Laptop | Cat. 5 | Unshielded | 2 |

EUT OPERATION

During immunity test the EUT was exercised by pinging the remote laptop.
Normal operation is indicated by the continuous ping through the remote laptop.

The performance criteria applied during immunity testing were:

Criterion A: During and after testing the EUT shall continue to ping during and after the application of the test.

IMMUNITY TEST DESCRIPTIONS

GENERAL INFORMATION

Final tests were performed at the Elliott Laboratories Test Sites located at 41039 Boyce Road, Fremont, CA 94538-2435. Considerable engineering effort has been expended to ensure that the facilities conform to all pertinent CENELEC and IEC standards.

MEASUREMENT INSTRUMENTATION

ELECTROSTATIC DISCHARGE TEST SYSTEM

An ESD generator is used for all testing. It is capable of applying electrostatic discharges in both contact discharge mode to 8 kV and air discharge mode to 16.5 kV in both positive and negative polarities in accordance with the EN 61000-4-2 basic EMC publication.

ELECTROMAGNETIC FIELD TEST SYSTEM

A signal generator and power amplifiers are used to provide a signal at the appropriate power and frequency to an antenna to obtain the required electromagnetic field at the position of the EUT in accordance with the EN61000-4-3 basic EMC publication.

INSTRUMENT CALIBRATION

All test equipment is regularly checked to ensure that performance is maintained in accordance with the company's specifications. An appendix of this report contains the list of test equipment used and calibration information.

IMMUNITY TEST PROCEDURES

EQUIPMENT PLACEMENT

EN 61000-4-2 specifies that a tabletop EUT shall be placed on a non-conducting table 80 centimeters above a ground reference plane and that floor mounted equipment shall be placed on a insulating support approximately 10 centimeters above a ground plane. During the tests, the EUT is positioned over a ground reference plane in conformance with this requirement.

For tabletop equipment, a 1.6 by 0.8 meter metal sheet is placed on the table and connected to the ground plane via a metal strap with two 470 kOhm resistors in series. The EUT and attached cables are isolated from this metal sheet by 0.5 millimeter thick insulating material.

EN 61000-4-3 specifies that a tabletop EUT be placed on a non-conducting table 80 centimeters above a ground reference plane and that floor-mounted equipment shall be placed on an insulating support approximately 10 centimeters above a ground plane. During the EN 61000-4-3 tests, the EUT is positioned in a shielded anechoic test chamber to reduce reflections from the internal surfaces of the chamber. During the EN 61000-4-4 tests, the EUT is positioned over a ground reference plane or in a shielded chamber in conformance with this requirement.

APPLICATION OF ELECTROSTATIC DISCHARGES

The points of application of the test discharges directly to the EUT are determined after consideration of the parts of the EUT that are accessible to the operator during normal operation. Contact and air discharges are applied to the EUT, contact discharges to conducting surfaces and air-gap discharges to insulating surfaces. Contact discharges are also applied to the coupling planes to simulate nearby ESD events.

APPLICATION OF ELECTROMAGNETIC FIELD

The electromagnetic field is established at the front edge of the EUT. The frequency range is swept through the frequency range of the test using a power level necessary to obtain the required field strength at the EUT. The field is amplitude modulated using a 1KHz or 400Hz sine wave to a depth of 80% for the swept frequency test in accordance with EN 61000-4-3.

The test is repeated with each of the four sides of the EUT facing the field generating antenna. For small, portable products the test is also performed with the top and bottom sides of the EUT facing the antenna.

Appendix A Test Equipment Calibration Data**Radiated Immunity, 80 - 1,000, 1,400 - 2,700 MHz, 16-May-11**

| <u>Manufacturer</u> | <u>Description</u> | <u>Model</u> | <u>Asset #</u> | <u>Cal Due</u> |
|----------------------------|--|---------------------|-----------------------|-----------------------|
| Werlatone | Directional Coupler, 1000-3000 MHz, 30dB, 100w | C6710 | 1532 | N/A |
| Werlatone | Directional Coupler, 0.1-1000 MHz, 40dB, 500w | C6021 | 1533 | N/A |
| Instruments For Industry | Amplifier 80 - 1000 MHz (200W CW) | CMC-200 | 1546 | N/A |
| ETS Lindgren | Biconilog Antenna 26 MHz - 3 GHz, Radiated Immunity Only | 3140B | 1775 | N/A |
| EMCO | Antenna, Horn, 1-18 GHz (SA40-Purple) | 3115 | 1779 | 3/31/2012 |
| Rohde & Schwarz | Power Meter, Dual Channel | NRVD | 1787 | 12/23/2011 |
| Amplifier Research | Amplifier, 25w, 0.8-4.2GHz | 25S1G4AM3 | 1805 | N/A |
| Agilent | MXG Analog Signal Generator | N5181A | 2146 | 1/26/2012 |
| Rohde & Schwarz | Power Sensor, 1 uW-100 mW, DC-18 GHz, 50ohms | NRV-Z51 | 2152 | 11/6/2011 |

ESD, 17-May-11

| <u>Manufacturer</u> | <u>Description</u> | <u>Model</u> | <u>Asset #</u> | <u>Cal Due</u> |
|----------------------------|--|--------------------------|-----------------------|-----------------------|
| Elliott Laboratories | ESD, Vertical Plane, 19-3/4 x 19-3/4 | ESD, VP, 19-3/4 x 19-3/4 | 610 | N/A |
| Schaffner | ESD Gun, 100pF-1500 ohm & 150pF-330 ohm tips | NSG-438 | 1424 | 8/9/2011 |

Appendix B Test Data Log Sheets

ELECTROMAGNETIC EMISSIONS

TEST LOG SHEETS

AND

MEASUREMENT DATA

T83199 Pages 16 - 24



EMC Test Data

| | | | |
|------------------------|---|------------------|-------------|
| Client: | Ubiquiti Networks | Job Number: | J82981 |
| Model: | PicoStation M2 - HP | T-Log Number: | T83189 |
| | | Account Manager: | Susan Pelzl |
| Contact: | Jennifer Sanchez | | |
| Emissions Standard(s): | FCC, EN 301-489-1 v1.8.1, EN 301-489-17 V2.1.1, | Class: | A |

EMC Test Data

For The

Ubiquiti Networks

Model

PicoStation M2 - HP

Date of Last Test: 5/19/2011

| | | | |
|-----------------------|---|------------------|-------------|
| Client: | Ubiquiti Networks | Job Number: | J82981 |
| Model: | PicoStation M2 - HP | T-Log Number: | T83189 |
| | | Account Manager: | Susan Pelzl |
| Contact: | Jennifer Sanchez | | |
| Immunity Standard(s): | EN 301-489-1 v1.8.1, EN 301-489-17 V2.1.1, EN | Environment: | Cover sheet |

Electrostatic Discharge (EN 61000-4-2)

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 5/19/2011 0:50 Config. Used: 2
Test Engineer: Peter Sales Config Change: None
Test Location: Fremont EMC Lab #1 EUT Voltage: 230V/50Hz

General Test Configuration

For table-top equipment, the EUT and all local support equipment were located on a 0.5-mm thick insulating layer above a horizontal coupling plane, 80 cm above a ground reference plane.

Unless otherwise stated, ten discharges at each voltage, and polarity, were applied to each test point listed. Contact discharges were applied to coupling planes and conductive surfaces of the EUT. Air discharges were applied to any non-conductive surfaces of the EUT. The VCP was located on the table top for table top devices and 80cm above the ground plane for floor standing equipment.

Ambient Conditions:

Temperature: 21 °C
Relative Humidity: 35 %
Pressure: 1013 mb

Summary of Results - Electrostatic Discharges

| Run # | Port | Test Level | | Performance Criteria | | Comments |
|-------|-----------|------------------|------------------|----------------------|--------------|----------|
| | | Required | Applied | Required | Met / Result | |
| 1 | Enclosure | 4kV CD 8kV AD | 4kV CD 8kV AD | B | A / Pass | |

Modifications Made During Testing

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

| | | | |
|-----------------------|---|------------------|-------------|
| Client: | Ubiquiti Networks | Job Number: | J82981 |
| Model: | PicoStation M2 - HP | T-Log Number: | T83189 |
| Contact: | Jennifer Sanchez | Account Manager: | Susan Pelzl |
| Immunity Standard(s): | EN 301-489-1 v1.8.1, EN 301-489-17 V2.1.1, EN | Environment: | Cover sheet |

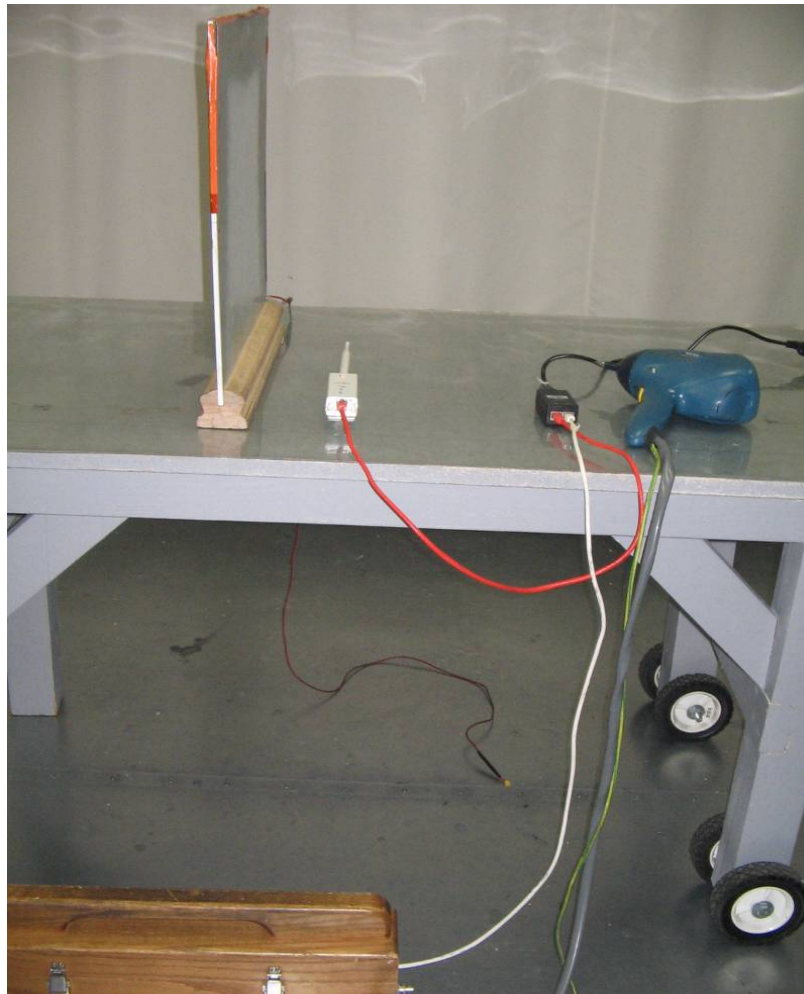
Run #1: Electrostatic Discharge

| Indirect Discharges (To Coupling Planes) | Positive Polarity | | | | Negative Polarity | | | |
|--|-------------------|--------------|--------------|---------------|-------------------|--------------|--------------|---------------|
| | (kV) | | | | (kV) | | | |
| Contact Mode | Level 1 2 | Level 2 4 | Level 3 6 | Level 4 8 | Level 1 2 | Level 2 4 | Level 3 6 | Level 4 8 |
| Vertical Coupling Plane (VCP) located 10cm from the front, rear, left and right sides of the EUT | X | X | | | X | X | | |
| Horizontal Coupling Plane (HCP) located 10cm from the front, rear, left and right sides of the EUT | X | X | | | X | X | | |
| Direct Discharges (To the EUT) | Positive Polarity | | | | Negative Polarity | | | |
| | (kV) | | | | (kV) | | | |
| Contact Mode | Level 1 2 | Level 2 4 | Level 3 6 | Level 4 8 | Level 1 2 | Level 2 4 | Level 3 6 | Level 4 8 |
| POE Port | X | X | | | X | X | | |
| POE Port on POE Adapter | X | X | | | X | X | | |
| LAN Port on POE Adapter | X | X | | | X | X | | |
| Air Discharge Mode | Level 1 2 | Level 2 4 | Level 3 8 | Level 4 15 | Level 1 2 | Level 2 4 | Level 3 8 | Level 4 15 |
| | Level 1 2 | Level 2 4 | Level 3 8 | Level 4 15 | Level 1 2 | Level 2 4 | Level 3 8 | Level 4 15 |
| Seams of EUT | ND | ND | ND | | ND | ND | ND | |
| Seams of POE Adapter | ND | ND | ND | | ND | ND | ND | |

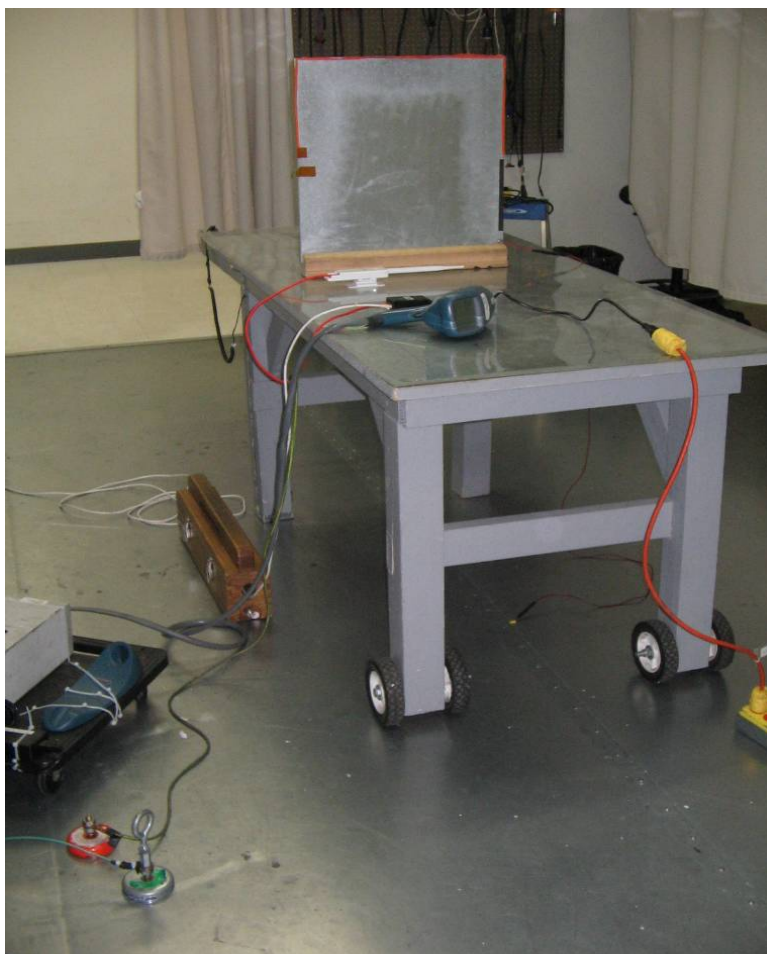
Note: An "X" indicates that the unit continued to operate as intended. The EUT continue to ping during and after the application of the test.

Note: ND: No discharge was possible due to the lack of a discharge path to ground from the test point.
HCP: Horizontal Coupling Plane. VCP: Vertical Coupling Plane

| | | | |
|-----------------------|---|------------------|-------------|
| Client: | Ubiquiti Networks | Job Number: | J82981 |
| Model: | PicoStation M2 - HP | T-Log Number: | T83189 |
| | | Account Manager: | Susan Pelzl |
| Contact: | Jennifer Sanchez | | |
| Immunity Standard(s): | EN 301-489-1 v1.8.1, EN 301-489-17 V2.1.1, EN | Environment: | Cover sheet |



| | | | |
|-----------------------|---|------------------|-------------|
| Client: | Ubiquiti Networks | Job Number: | J82981 |
| Model: | PicoStation M2 - HP | T-Log Number: | T83189 |
| | | Account Manager: | Susan Pelzl |
| Contact: | Jennifer Sanchez | | |
| Immunity Standard(s): | EN 301-489-1 v1.8.1, EN 301-489-17 V2.1.1, EN | Environment: | Cover sheet |



| | | | |
|-----------------------|---|------------------|-------------|
| Client: | Ubiquiti Networks | Job Number: | J82981 |
| Model: | PicoStation M2 - HP | T-Log Number: | T83189 |
| Contact: | Jennifer Sanchez | Account Manager: | Susan Pelzl |
| Immunity Standard(s): | EN 301-489-1 v1.8.1, EN 301-489-17 V2.1.1, EN | Environment: | Cover sheet |

Radiated Immunity (EN 61000-4-3)

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 5/18/2011 23:25 Config. Used: 2
 Test Engineer: Peter Sales Config Change: None
 Test Location: Fremont Chamber #6 EUT Voltage: 230V/50Hz

General Test Configuration

The EUT and all local support equipment were located on a turntable in an anechoic chamber. All remote support equipment was located outside the chamber. Interface cabling to the remote support equipment was routed along the floor and, where possible, passed through ferrite clamps at the exit point from the chamber.

Ambient Conditions: Temperature: 21 °C
 Rel. Humidity: 35 %

Summary of Results-Radiated Immunity

| Run # | Port | Test Level | | Performance Criteria | | Comments |
|----------------------------------|-----------|--|--|----------------------|--------------|----------|
| | | Required | Applied | Required | Met / Result | |
| EN 301 489-1 V1.8.1 Requirements | | | | | | |
| 1 | Enclosure | 80-1000 MHz 1.4GHz-2.7GHz 1kHz 80% AM 3 V/m | 80-1000 MHz 1.4GHz-2.7GHz 1kHz 80% AM 3 V/m | A | A / Pass | |

Modifications Made During Testing

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

| | | | |
|-----------------------|---|------------------|-------------|
| Client: | Ubiquiti Networks | Job Number: | J82981 |
| Model: | PicoStation M2 - HP | T-Log Number: | T83189 |
| Contact: | Jennifer Sanchez | Account Manager: | Susan Pelzl |
| Immunity Standard(s): | EN 301-489-1 v1.8.1, EN 301-489-17 V2.1.1, EN | Environment: | Cover sheet |

Run #1: Radiated Immunity, 80-1000, 1,400-2,700 MHz (EN61000-4-3)

| | | |
|-------------------|-------------|-------------|
| Frequency: | 80-1000 MHz | 1.4-2.7 GHz |
| Step Size: | 1 % | 1 % |
| Dwell time: | 2874 ms | 2874 ms |
| Field Uniformity: | 1.5m x 1.5m | 1.5m x 1.0m |
| Test Distance: | 2m | 2m |

| |
|-----------------------------|
| Modulation Details |
| Modulating Frequency: 1 kHz |
| Modulation: AM |
| Depth / Deviation: 80% |

| Frequency Range (MHz) | Level V/m | Front | | Left Side | | Rear | | Right | | Top | | Bottom | |
|-----------------------|-----------|-------|--------|-----------|--------|-------|--------|-------|--------|-------|--------|--------|--------|
| | | Vert. | Horiz. | Vert. | Horiz. | Vert. | Horiz. | Vert. | Horiz. | Vert. | Horiz. | Vert. | Horiz. |
| 80-1000 | 3 | X | X | X | X | X | X | X | X | N/A | N/A | N/A | N/A |
| 1400-2700 | 3 | X | X | X | X | X | X | X | X | N/A | N/A | N/A | N/A |

Test files used for this run:

The following calibration files from U:\EMC Stuff\RI Playback Files FT\CH6\2010\80-1000 MHz (April 2010)\ were used:

Position A 1.55m 80 MHz - 1000 MHz H 3Vm.crf

Position A 1.55m 80 MHz - 1000 MHz V 3Vm.crf

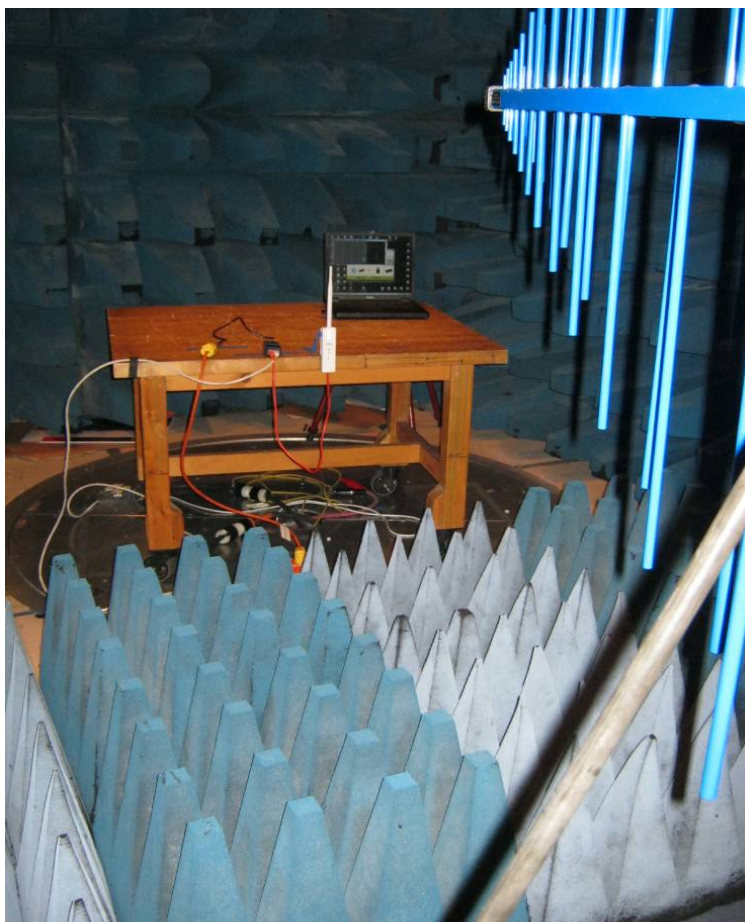
The following calibration files from U:\EMC Stuff\RI Playback Files FT\CH6\2010\1-2.7 GHz (April 2010)\ were used:

Position B 1.3m High 1000 MHz - 2700 MHz H 3Vm.crf

Position B 1.3m High 1000 MHz - 2700 MHz V 3Vm.crf

| | |
|-------|---|
| Note: | An "X" indicates that the unit continued to operate as intended. The EUT continue to ping during and after the application of the test. |
|-------|---|

| | | | |
|-----------------------|---|------------------|-------------|
| Client: | Ubiquiti Networks | Job Number: | J82981 |
| Model: | PicoStation M2 - HP | T-Log Number: | T83189 |
| | | Account Manager: | Susan Pelzl |
| Contact: | Jennifer Sanchez | | |
| Immunity Standard(s): | EN 301-489-1 v1.8.1, EN 301-489-17 V2.1.1, EN | Environment: | Cover sheet |



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End of Report

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