



**MET Laboratories, Inc.** *Safety Certification - EMI - Telecom - Environmental Simulation - NEBS*  
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Ubiquiti Networks  
Amendment/Modification Report  
EN 83055 M1A0 33461  
January 5, 2012

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## Modification/Amendment Description

This document is to be used in conjunction with the original EN 83055 M0A0 test report and all previously issued Modification/Amendment reports. This document contains only those items that were updated due to this change.

### Modification #1

This document covers the addition of Model PowerBridge M3 3GHz Carrier Airmax Bridge. Product is identical to PowerbridgeM5 except for the radio Frequency, PMBM5 rated class 5GHz and PMBM3 is rated class 3GHz. All other components and hardware were the same. Based upon a review of the information provided and the testing performed. MET has determined that Model PowerBridge M3 is acceptable for the application.

#### Model Differences:

PowerBridge M5 is rated Class 5 GHz Carrier Airmax Bridge.

PowerBridge M3 is rated Class 3 GHz Carrier Airmax Bridge.

#### Electrical Rating:

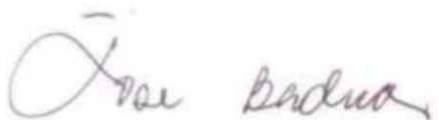
PowerBridge M5: 24VDC, 1.0A

PowerBridge M3: 24VDC, 1.0A

#### Critical Componets

1.5.1	List of critical components					P
Object/part No.	Manufacturer/ trademark	Type/model	Technical data	Standard (Edition / year)	Mark(s) of conformity <sup>1)</sup>	
PowerBrdigeM3						
Enclosure	Various	Various	Polymeric Materials	-	-	
Transformer	Ubiquiti Networks	H16125MCG	Isolation Hi-Pot: 1500Vrms, 1mA 1 sec	Tested in application. Transformer intended to be used in the application of this product only	Tested in application. Transformer intended to be used in the application of this product only <sup>1)</sup>	
Fuse	Littelfuse	SMCJ Series	Typical IR less than 1mA above 10V	ANSI/UL 497B, "Protectors for Data Communications and Fire-Alarm Circuits."	E128662	

Listed AC/DC Power Supply	Ubiquiti Networks	Carrier POE Adaptor Model U BI-POE-24-5	Input: 100-240VAC, 50-60Hz, 0.3A  Output: DC 15V, 0.8A. 39PW LPS	UL /CSA 60950-1 Listed	E325809
Supplementary information: 1) Provided evidence ensures the agreed level of compliance.					



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Jose Badua  
Project Engineer,  
Safety Laboratory

<p><b>Attachment 1</b> <b>Test Data &amp; Equipment List</b></p>
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[illegible]

Company name: Ubiquiti Networks  
Job number : 33461  
Model: PowerBridge M3  
Engineer : Jose Badua  
Date: December 5, 2011

**EQUIPMENT LIST**

ASSET #	DESCRIPTION	MANUFACTURER	MODEL #	DUE DATE
3U1047	Digital DC Power Supply	XANTREX	XDC 80-75	FVBU
3U1055	Bench top Temperature Meter	Omega	MDSSi8	07/20/12
3U1060	Digital Multimeter	Fluke	87	05/17/12
3U1094	Temp./Humidity Monitor	Omega	OM CP-PRH temp2000	03/08/12

**\*Note:**

NCR = No Calibration Required.

FVBU = Functional Verification Before Use. Instrument is used with calibrated instruments.

<p><b>Attachment 2</b> <b>Photographs (Figures)</b></p>
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## FIGURES

**Figure 1: Overall view of PowerBridge M3**



## FIGURES (Continued)

Figure 2: Overall view of Internal Module in PowerBridge M3

