

# Notified Body Statement of Opinion

The TCF listed below has been evaluated to the requirements of the  
European R&TTE Directive 1999/5/EC

Applicant name: Ubiquiti Networks  
EUT: Point to Point Fixed Link Bridge  
Model: PowerBridgeM10, PBM10  
Frequency band: 10.322 GHz to 10.574 GHz  
Modulation: OFDM, QAM  
Transmit power: 3 dBm

TCF Number: NB\_PowerBridgeM10  
ACB Project Number: ATCB011829

ACB is designated as a Notified Body under the  
U.S.-EU Mutual Recognition Agreement

**ACB, Inc.**  
**Notified Body Number 1588**  
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In the opinion of ACB the examination of the technical construction file presented demonstrates the requirements of Directive 1999/5/EC have been met. The product listed above and in Annex 1 of this document, is in conformity with Annex IV and the essential requirements of Articles 3.1a, 3.1b and 3.2 of Directive 1999/5/EC. This statement of opinion relates only to the documents provided to ACB. A list of documentation forming the basis for the examination is provided in Annex 2 of this document.

*Michael Derby*

Notified Body: Michael Derby

12 March 2012

Date



CE 1588

**Annex 1 of NB Statement of Opinion  
Number: NB\_PowerBridgeM10 ATCB011829**

The device under evaluation was a Point to Point Fixed Link.  
It used TDD operation with OFDM and QAM modulation.

**Details of operation:**

Description of service:	Point to Point Fixed Link
Transmit Frequency:	10.322 GHz to 10.574 GHz
Receive Frequency:	10.322 GHz to 10.574 GHz
Modulation:	OFDM, QAM
Channel Bandwidth:	14 MHz, 28 MHz
Transmit Power:	3 dBm, conducted
Antennas:	34 dBi, dish 20 dBi, sector
Duplex:	TDD



**Annex 2 of NB Statement of Opinion  
Number: NB\_PowerBridgeM10 ATCB011829**

1	Test Report:	Report number:	Dated:
	EMC	006/608/2012/LEK_Eng	14 February 2012
	Radio	006/608/2012-1/LRB(R)_Eng	17 February 2012
	Radio	006/608/2012-2/LRB(R)_Eng	17 February 2012
	Electrical Safety	006/608/2012/LRB(B)_Eng	17 February 2012
	Electrical Safety	HC20147/2012	29 February 2012

2	Technical Documentation provided:		
	Antenna Details	Block Diagram	Circuit Diagram
	External Photographs	Internal Photographs	Label Drawing
	Operational Description	Packaging	Parts List
	Technical Description	Test Reports	User Manual
	Declaration of Conformity		

3	Conformity documentation:	Signed and Dated:
	Declaration of Conformity	Yes

4	Standards used to show conformity to 1999/5/EC:	
	Radio Spectrum:	EN 302 217-2-2 V1.3.1    EN 302 217-4-2 V1.1.3
	EMC:	EN 301 489-1 V1.8.1    EN 301 489-4 V1.4.1
	RF Safety:	<i>Low power</i>
	Electrical Safety:	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 IEC 60529: 2001

5	Other Relevant Essential Requirements	
	Art 6.3 Information to user provided:	Yes
	Art 6.4 Alert Symbol required:	Yes
	Art 12 CE Mark correct on device:	Yes

6 Further information:  
This is a Class 2 device.  
The appropriate conformity information; CE Mark, Alert Symbol and Notified Body number (1588) must be clearly displayed on the equipment label, the user manual and the packaging.  
A statement of compliance with Directive 1999/5/EC or a copy of the Declaration of Conformity must be provided with each device.  
As a Class 2 device, the list of permitted Countries of use must be clearly displayed on the user manual and the equipment packaging.

7	Contact information:	
	For contact with ACB or questions regarding this Statement of Opinion:	
	Web: <a href="http://www.acbcert.com">www.acbcert.com</a>	e-mail: <a href="mailto:customerservice@acbcert.com">customerservice@acbcert.com</a> Tel.: (+1) 703 847 4700



**CE 1588**