



**MET Laboratories, Inc.** *Safety Certification - EMI - Telecom Environmental Simulation*  
3162 BELICK STREET • SANTA CLARA, CA 95054 • PHONE (408) 748-3585 • FAX (510) 489-6372

October 1, 2008

MET Laboratories, Inc.  
TCB Reviewer  
914 West Patapsco Ave,  
Baltimore, MD 21230

RE: RT Response 80983 Ubiquiti Networks FCC ID: SWX-B2, IC: 6545A-B2

Dear Len,

Please see our response below:

Page 1 of 77 - Table of contents under III lists a paragraph reference to 15.09(a) I think this is an error in that there is no 15.09 that I know of. Could be 15.109(a) ?

[This is a typo in the report, please see corrected report.](#)

Page 15 of 77 - Why is the measurement test equipment on the same table as the EUT? Why is the EUT in the middle of the table and not on the back edge?

[Please see corrected report.](#)

Page 23 of 77 - Under Test Procedures, ANSI C63.4-1992 is referenced. This is an out of date measurement guide. The current one in use is 2003.

[This is a typo in the report, please see corrected report.](#)

Page 33 of 77 - There are no plots provided to show the band widths and instrument settings in order to take measurements. Please provide plots or a detailed description of test instrument settings.

[A peak detector was used and the RBW was greater than the 6dB bandwidth of the emission. A direct connection between the antenna port of the EUT and Spectrum analyzer was used along with an attenuator.](#)



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Page 37, 38, 40, and 41 of 77 - Are the plots on these pages corrected for cable loss and antenna correction factors?

Yes, corrected with the offset.

The report seems to be numbered a bit odd. The first page is ii of vii. The second page is 2 of 77.

This is a typo in the report, please see corrected report.

If you need any additional information, please let us know.

Thanks!

Anderson Soungpanya  
Wireless Engineer  
MET Laboratories, Inc.  
408-207-4780  
[asoungpanya@metlabs.com](mailto:asoungpanya@metlabs.com)

**From:** Jennifer Sanchez  
**Sent:** Friday, October 03, 2008 1:54 PM  
**To:** 'Robert J. Pera'  
**Cc:** Jennifer Sanchez  
**Subject:** RE: Request for additional information - B5/B2 model  
**Importance:** High

Hi Robert,

The technical reviewer has requested the block diagram show all the crystal/oscillator frequencies. From the internal pictures and the schematics, I see that there is at least a 40 MHz oscillator and a 25 MHz for the B5 model. Same requirements for the B2 block diagram.

Thanks!

**Mrs. J. Sanchez**  
TCB Administrator  
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408-829-1603 Cell  
[jsanchez@metlabs.com](mailto:jsanchez@metlabs.com)



Certifying the World, One Product at a Time

## Jennifer Sanchez

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**From:** Robert J. Pera [robert@ubnt.com]  
**Sent:** Friday, October 03, 2008 2:04 PM  
**To:** Jennifer Sanchez  
**Subject:** Re: Request for additional information - B5/B2 model  
**Importance:** High  
**Attachments:** B2\_block\_theory.pdf; ATT214048.htm; B5\_block\_theory.pdf; ATT214049.htm