

## Jenn Warnell

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**From:** Eduardo Martín Machuca [emmachuca@at4wireless.com]  
**Sent:** Friday, May 29, 2009 8:06 AM  
**To:** Jennifer Sanchez  
**Cc:** Jenn Warnell  
**Subject:** RE: 81630 AT4 Wireless - TCB Request for additional information for Baracoda, FCC ID: QSHAIRRNA  
**Attachments:** [T01] RRNA & RRNA-RFID Architecture Overview - revA.pdf

Hi Jennifer,

Our comments in red regarding your Technical Review:

1. It appears that conducted emissions voltage according to 15.207 had not been performed. Is the Bluetooth functionality of the device not intended to be used when the device is charging?

I will send the modified RF test Report with the 15.207.

2. It appears that conducted emissions voltage according to 15.107 had not been performed. This should be performed while the battery is in a charging state.

The equipment is subject to verification procedure, so no involment of TCB is required for Part 15B evaluation.

3. During emissions testing under 15.109, was the battery drained before testing?

4. There does not appear to be any calibration dates/due dates for the measuring equipment in the test reports. Please provide this information.

This information will be provided in the new version of the RF Test Reports.

5. Is this device intended to be a computer peripheral? If so, it will need a DoC. If not, the FCC logo will need to be removed from the labels.

We have informed manufacturer to remove this.

6. The term "Fcc id" on the labels should be all in capitol letters. Please make this correction.

We have informed manufacturer to modify this.

7. A block diagram showing the frequency of all oscillators in the device has not been provided. Please provide this block diagram.

Please, see attached

8. Internal pictures need to be more detailed to show the front and back of each board in the device.

I will provide this photograpgs asap.

Thank you very much!

## Jennifer Sanchez

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**From:** Jennifer Sanchez  
**Sent:** Monday, June 15, 2009 11:55 AM  
**To:** Len Knight  
**Cc:** Angela Kekovski; Jenn Warnell; Jennifer Sanchez  
**Subject:** FW: RV: 81630 AT4 Wireless - TCB Request for additional information for Baracoda, FCC ID: QSHAIRRNA  
**Attachments:** Authosisation letter.7z; Photographs.7z; Product label design.7z; RF Test Reports FCC QSHAIRRNA.7z; User Manual.7z

Hi Dusmantha,

Please find attached the response from AT4.

Thanks!

**J. Sanchez**  
TCB Administrator  
**MET Laboratories, Santa Clara CA**  
408-207-4785 Office  
408-829-1603 Cell  
[jsanchez@metlabs.com](mailto:jsanchez@metlabs.com)



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**From:** Sabina Ruiz Castillo [<mailto:srcastillo@at4wireless.com>]  
**Sent:** Monday, June 15, 2009 3:16 AM  
**To:** Jennifer Sanchez  
**Subject:** RE: RV: 81630 AT4 Wireless - TCB Request for additional information for Baracoda, FCC ID: QSHAIRRNA

Dear Jennifer,

I have just received all the documents necessary from our client to send you the application package to the FCC ID: QSHAIRRNA.

Attached you can find the documents that complete the information that you advised to my colleague Eduardo to change. Note that in Product label design, exist one document of description of the label and on it appears the FCC logo. This document was done by our client to clarify the meaning of each issue over the label, and the target isn't to show the label desing. The correct label is shown in the other document.

If you find any problem, please, don't hesitate to contact me.

I hope your comments.

Best regards,

6/15/2009

## Jennifer Sanchez

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**From:** Sabina Ruiz Castillo [srcastillo@at4wireless.com]  
**Sent:** Tuesday, June 23, 2009 6:47 AM  
**To:** Jennifer Sanchez  
**Subject:** RE: 81630 AT4 - 2nd TCB Request for additional information for the Baracoda Wireless Technology, FCC ID: QSHAIRRNA

Dear Jennifer,

Our client answered us about the internal photos the next comments about the LP05 RRNA Internal Photos-rev B:

Page 1 : according to me, mother board (PCB RRNA v2.4) picture is very clear

Page 2 : all components are scan engines ; components that are already CE & FCC qualified. Is there any sense to take a picture of all used CE&FCC components

an you say me if his comments are valids?

Best regards,

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**De:** Jennifer Sanchez [mailto:jsanchez@metlabs.com]  
**Enviado el:** lunes, 22 de junio de 2009 23:18  
**Para:** Sabina Ruiz Castillo  
**CC:** Jennifer Sanchez; Jenn Warnell  
**Asunto:** 81630 AT4 - 2nd TCB Request for additional information for the Baracoda Wireless Technology, FCC ID: QSHAIRRNA  
**Importancia:** Alta

Hi Sabina,

Please see the reviewer's comments below:

The internal photos do not appear to show all the components of the EUT in sufficient detail. In [LP05] RRNA Internal Photos - revB.pdf, section III, PCB integration view, there are several PCB sub boards where the components are not displayed for both sides of the sub boards and such that the part numbers can be read off of the components. Please provide additional photos that display these components.

Once the internal photos are provided, the FCC grant can be issued.

Thanks!

**J. Sanchez**

TCB Administrator

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