

Jennifer Sanchez

From: Jennifer Sanchez
Sent: Monday, June 15, 2009 11:56 AM
To: Dusmantha Tennakoon
Cc: Angela Kekovski; Jenn Warnell; Jennifer Sanchez
Subject: FW: Application packet FCC ID: QSHAIRRFI
Attachments: Authorisation letter.7z; Photographs.7z; Product Label Design.7z; RF exposure information.7z; RF Test Reports FCC QSHAIRRFI.7z; User Manual.7z

Hi Dusmantha,

Please find attached the revised documents and response from AT4.

I have not saved the documents in the folder.

Thanks!

J. Sanchez

TCB Administrator

MET Laboratories, Santa Clara CA

408-207-4785 Office

408-829-1603 Cell

jsanchez@metlabs.com



From: Sabina Ruiz Castillo [mailto:srcastillo@at4wireless.com]

Sent: Monday, June 15, 2009 3:22 AM

To: Jennifer Sanchez

Subject: Application packet FCC ID: QSHAIRRFI

Dear Jennifer,

Now, I'm sending you the necessary documents that lacked in the last application packet that my colleague Eduardo submitted you. Furthermore, note that last Friday, my colleague Ricardo sent you the MPE inform.

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

Jenn Warnell

From: Jenn Warnell
Sent: Thursday, June 18, 2009 10:22 AM
To: Dusmantha Tennakoon
Cc: Jenn Warnell; Jennifer Sanchez
Subject: RE: Application packet FCC ID: QSHAIRRFI
Attachments: RE: Request for Technical Information (MT#81631)

Hi Dusmantha,
Attached is the actual email from the customer, but I have put his responses below to make it a little easier to follow his responses. One response is more like a question than an actual response...FYI

Regards,

Jenn Warnell
TCB Administrator/Documentation
MET Laboratories, Inc.
Phone: 410-949-1877
Fax: 410-354-3313
www.metlabs.com



From: Dusmantha Tennakoon
Sent: Tuesday, June 16, 2009 8:21 AM
To: Jennifer Sanchez
Cc: Jenn Warnell
Subject: RE: Application packet FCC ID: QSHAIRRFI

Jennifer - I could not find the label that showed the correct FCC ID as well as the FCC logo removed. The last response states they submitted one but I did not see it. Can you find out what happened? Please see document [LP02 RRNA RFID Product Label - revC.pdf](#). Per the customer: *About the product labels. At page 1, you can see **only the localizations** of the labels. This has been written to show the localization. If you want see the label, this is at pages 2 and 3 of the document LP02 RRNA RFID Product Label – revC. In this label you can see where the FCC ID and the FCC logo is not appear. However, if you have any problem with this, please, notify me.*

Also, the CEV data in all three test reports do not show the test voltage and frequency. This information should be included in the test report. Per the customer: *On the other hand, we don't know if what you want respect the CEV is that we show the conducted emission test regarding 15.207 that the testing was made with a voltage supply of 110 V and a frequency of 60 Hz? In this case, we can show it in the operation mode description.*

Additional RT:

Jennifer - After giving it much thought and looking at other similar grants it appears that a MPE calculation is required. I asked for this in my last RTs but I didn't get it. I got a statement saying that it was categorically excluded from SAR. This is ok but we still need a MPE calculation showing the co-located transmitters comply with the 1mW/cm² at 20 cm. The user's manual should also be updated to say something like "this device must maintain a distance of at least 20 cm from the user's body when transmitting".

Can you also send this as a RT? Thanks. Please see document [RF Exposure information_Baracoda](#)

RRFI_2.pdf Per the customer: Respect the RF exposure, my colleague Ricardo sent your colleague Jennifer last Friday an update of this. This document exhibit to cover the request from her of addressing collocation transmission. Please, confirm me, that it is OK.

Best Regards,

Dusmantha

From: Jennifer Sanchez
Sent: Monday, June 15, 2009 3:10 PM
To: Dusmantha Tennakoon
Subject: RE: Application packet FCC ID: QSHAIRRFI

J. Sanchez
TCB Administrator
MET Laboratories, Santa Clara CA
408-207-4785 Office
408-829-1603 Cell
jsanchez@metlabs.com



From: Jennifer Sanchez
Sent: Monday, June 15, 2009 11:56 AM
To: Dusmantha Tennakoon
Cc: Angela Kekovski; Jenn Warnell; Jennifer Sanchez
Subject: FW: Application packet FCC ID: QSHAIRRFI

Hi Dusmantha,

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I have not saved the documents in the folder.

Thanks!

J. Sanchez
TCB Administrator
MET Laboratories, Santa Clara CA
408-207-4785 Office
408-829-1603 Cell
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From: Sabina Ruiz Castillo [mailto:srcastillo@at4wireless.com]
Sent: Monday, June 15, 2009 3:22 AM
To: Jennifer Sanchez
Subject: Application packet FCC ID: QSHAIRRFI

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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,

Sabina Ruiz Castillo
Dept. Laboratories

Tel.: (34) 95 261 93 52 - Email: srcastillo@at4wireless.com
Web site: www.at4wireless.com

A banner for a seminar. The background is a blue-tinted photograph of a large audience seated in a hall, facing a stage. Overlaid on the image is the following text:

M2M & Consumer Electronics Seminar
(Mobile Broadband Modules Insight)

19 June 2009
Malaga, Spain

AT4  **WIRELESS**

Parque Tecnológico de Andalucía
C/Severo Ochoa, 2
29590 - Malaga, Spain

www.at4wireless.com

Jenn Warnell

From: Jenn Warnell
Sent: Tuesday, June 16, 2009 9:57 AM
To: 'Emmachuca@at4wireless.com'
Cc: Jenn Warnell; Jennifer Sanchez
Subject: Request for Technical Information (MT#81631)

Hello Eduardo,

Upon review, the TCB reviewer still had the following concerns:

- The product label showing the correct FCC IC (and with the FCC Logo removed) could not be found. The previous email stated that this was submitted, but it appears that it was not sent. Can you please resend?
- The CEV data in all three test reports do not show the test voltage and frequency. This information should be included in the test report. Please resubmit.
- While it is acceptable to say that the MPE was categorically excluded from SAR, a MPE Calculation showing that the co-located transmitters comply with the 1mW/cm² at 20cm is still needed. The User Manual should also be updated to state “this device must maintain a distance of at least 20cm from the user’s body when transmitting” or something to that effect.

Please let me know if you have any questions.

Regards,

Jenn Warnell
TCB Administrator/Documentation
MET Laboratories, Inc.
Phone: 410-949-1877
Fax: 410-354-3313
www.metlabs.com



Jennifer Sanchez

From: Sabina Ruiz Castillo [srcastillo@at4wireless.com]
Sent: Tuesday, June 23, 2009 5:49 AM
To: Jennifer Sanchez
Subject: RE: 81631 AT4 Wireless - 3rd TCB request for additional information for Baracoda, FCC ID: QSHAIRRFI
Attachments: [LP06] RRNA-RFID Internal Photos - revD.pdf; RFID decoder board Bottom.jpg; RFID decoder board Top.jpg

Dear Jennifer,

Attached you can find the new version of the internal photos. I hope that these are right.

Best regards,

De: Jennifer Sanchez [mailto:jsanchez@metlabs.com]
Enviado el: viernes, 19 de junio de 2009 22:09
Para: Sabina Ruiz Castillo
CC: Jennifer Sanchez; Jenn Warnell
Asunto: 81631 AT4 Wireless - 3rd TCB request for additional information for Baracoda, FCC ID: QSHAIRRFI
Importancia: Alta

Hi Sabina,

The reviewer has requested additional internal photos, please see his comment's below:

The internal photos do not appear to show all the components of the EUT. In Section III, the top and bottom sides of the RFID Decoder sub-board need to be clearly shown, including the labeling on all parts of the board. These components can not be determined from the provided photos. Please provide detailed internal photos.

Once these photos are provided, the grant can be issued.

Please let me know if you have any questions.

Thanks!

J. Sanchez

TCB Administrator

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