

## Dward ATCB

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**From:** JaeWook Choi [jaewook@ultratech-labs.com]  
**Sent:** 04/17/2006 7:39 AM  
**To:** 'Dward ATCB'  
**Cc:** 'Tri Luu'; 'Dan Huynh'; 'Wei'; jaewook@ultratech-labs.com  
**Subject:** RE: MESSAGE/uelfiatcb/AFJ289300\_ATCB003353

Hello Dennis,

1. Please note that at recent TCB training as well as teleconferences between the FCC and TCBs the FCC has stated that requests for confidentiality should have the rule part specified. This rule part is Part 0.459. Please use this reference in the request for confidentiality letter and please provide an updated letter with this reference.

A-1) The revised letter of confidentiality has been uploaded to ATCB (see " IC-F3061--ConLtr\_rev.pdf " )

2. Please note that the confidentiality request letter is not signed. Please sign the request letter.

A-2) The revised letter of confidentiality has been uploaded to ATCB (see " IC-F3061--ConLtr\_rev.pdf " )

And we found the letter of agency and Part 90 attestation letter hadn't been signed either thus uploaded to ATCB as well. (see "IC-F3061--AutLtr\_rev.pdf" and "IC-F3061--Attestation\_Part90\_rev.pdf")

3. FYI - no action needed. Please note that the power shown in the RF evaluation exhibit states that the low threshold is 5.806W. Please note that this is only for the 135MHz band. The low threshold for the 174MHz band is 5.26W. As the device operates in the band, this would be the low threshold used for rf exposure determination. As the 50% duty cycle average is still only 2.68W the device is still under the low threshold, but accurate determination should be done using the lowest power.

4. Please explain why the upper and lower side lobes on the plots from page 27 to 29 of the report are not shown as part of the 99% bandwidth for FM modulation. These lobes should be considered in the dB down points for OBW.

A-4) Yes, we did use the built-in auto calculation feature of our analyzer for 99% occupied bandwidth measurement.

Best Regards,  
JaeWook Choi  
UltraTech Labs.

-----Original Message-----

From: Dward ATCB [<mailto:dward@atcb.com>]  
Sent: Wednesday, April 12, 2006 1:13 PM  
To: jaewook@ultratech-labs.com  
Cc: 'Tri Luu'; 'Dan Huynh'; 'Wei'; 'William Graff'  
Subject: RE: MESSAGE/uelrfiatcb/AFJ289300\_ATCB003353

Hi Jae

My apologies. I mean the plots on pdf pages 25 through 27. I should have been more specific. I have attached a pdf with notes for your convenience.

I know that sometimes newer analyzer/receiver auto calculate the 99% bandwidth and sometimes this does not exactly match what is seen on the screen. I need some clarification on this issue. Please see the attached pdf with notes.

Dennis Ward  
Evaluation Engineer  
American TCB  
Certification Resource for the Wireless Industry [www.atcb.com](http://www.atcb.com) 703-847-4700 fax 703-847-6888  
direct - 703-880-4841 cell - 209-769-8316

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-----Original Message-----

From: JaeWook Choi [<mailto:jaewook@ultratech-labs.com>]  
Sent: 04/12/2006 7:01 AM  
To: 'Dward ATCB'  
Cc: 'Tri Luu'; 'Dan Huynh'; 'Wei'; jaewook@ultratech-labs.com  
Subject: RE: MESSAGE/uelrfiatcb/AFJ289300\_ATCB003353

Hello Dennis,

Could you please clarify which plots did you referred in your question #4?  
It will be of great help for us if you can give us the specific plot number.

RE: FCC ID: AFJ289300\_ATCB003353

Regards,  
JaeWook Choi  
UltraTech Labs.

-----Original Message-----

From: Tri Luu [<mailto:tri@ultratech-labs.com>]  
Sent: Wednesday, April 12, 2006 9:31 AM  
To: JaeWook Choi; dharmajit@ultratech-labs.com; Dan Huynh  
Subject: FW: MESSAGE/uelrfiatcb/AFJ289300\_ATCB003353

Hi Jae,

04/17/06

Please reply FCC per his request in the attached file.

Tri Luu

-----Original Message-----

From: Dward ATCB [<mailto:dward@atcb.com>]

Sent: April 11, 2006 8:26 PM

To: 'Tri Luu'

Subject: RE: MESSAGE/uelrfiatcb/AFJ289300\_ATCB003353

Hi Tri

Please see comments

Thanks

Dennis Ward

Evaluation Engineer

American TCB

Certification Resource for the Wireless Industry [www.atcb.com](http://www.atcb.com) 703-847-4700 fax 703-847-6888  
direct - 703-880-4841 cell - 209-769-8316

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-----Original Message-----

From: Dward ATCB [<mailto:dward@atcb.com>]

Sent: 04/05/2006 4:09 PM

To: 'Tri Luu'

Cc: 'whgraff@americantcb.com'

Subject: RE: MESSAGE/uelrfiatcb/AFJ289300\_ATCB003353

Hi Tri

I was in the middle of reviewing the report and had some questions. I will put the comments aside until I get your new report. Hopefully the answers to my questions are in your new report.

Thanks

Dennis Ward

Evaluation Engineer

American TCB

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direct - 703-880-4841 cell - 209-769-8316

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-----Original Message-----

From: webrobot@americantcb.com [<mailto:webrobot@americantcb.com>]

Sent: 04/05/2006 1:00 PM

To: dward@americantcb.com

04/17/06

Cc: whgraff@americantcb.com; murban@americantcb.com; marianne@americantcb.com  
Subject: MESSAGE/uelfrftcb/AFJ289300\_ATCB003353

From: Mr. Tri Luu (uelfrftcb) <mailto:tri@ultratech-labs.com>

Hello.

We have found that there is some mistakes in our test report. please hold reviewing until we upload the revised report.

\_\_\_\_\_ NOD32 1.1485 (20060412) Information \_\_\_\_\_

This message was checked by NOD32 antivirus system.  
<http://www.eset.com>

\_\_\_\_\_ NOD32 1.1485 (20060412) Information \_\_\_\_\_

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<http://www.eset.com>