

**dward**

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**From:** dward [dward@atcb.com]  
**Sent:** Thursday, September 25, 2008 9:08 AM  
**To:** '钟卫'; 'Wailand'  
**Cc:** 'customerservice'; 'NS胡主任'; 'Eda Liu'; 'Jerry Lee'; 'Major Chen'; 'William Graff'  
**Subject:** RE: RE: RE: www.AmericanTCB.com ATCB006774 | VWPKENWIN00004 | | VWPKENWIN00004\_ATCB006774

Hi David

Please understand that any device in which certification is being sought MUST be tested at the highest possible output power. If the manufacturer has to readjust power to a lower power level to comply, then the device must be manufactured so that the end user cannot readjust it to a higher power. You just cannot simply readjust this level for testing purposes and I have received nothing from the lab or manufacturer that shows the device cannot be reset to a higher power by the end user.

The following must be answered:

- 1 How has the device been made at the factory so that it cannot be set to the higher power listed in the previous report?
- 2 What has the manufacturer done to insure that this device cannot be set to a higher power by the end user?
- 3 This need to be provided in the form of a formal exhibit, not an email. The manufacturer needs to provide an attestation that the user cannot adjust the power to a higher level.

Please note that if the manufacturer cannot or will not provide the above, then you must test at the higher power and submit SAR data.

Thanks

*Dennis Ward*

Director of Engineering  
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**From:** 钟卫 [mailto:zhongwei0712@163.com]  
**Sent:** Thursday, September 25, 2008 1:51 AM  
**To:** Dennis Ward; Wailand  
**Cc:** customerservice; 'NS 胡主任'; Eda Liu; Jerry Lee; Major Chen; William Graff  
**Subject:** Re:RE: RE: www.AmericanTCB.com ATCB006774 | VWPKENWIN00004 | | VWPKENWIN00004\_ATCB006774

Dear Dennis ,

I' d like to explain something about this issue.

First, I did not modify the test procedure during the test process and aslo the device has not been modified by any people.

Second, for the reason of the data of the second test result is lower than that of the first one, it is just because I choose the lower power level in the test software( having lower and higher power level setup) in compliance with the customer requiriment to comply with the power limit and this is an appropriate and regulatory method .

I am looking forward to your comments.

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Thanks

Best regards

EMC/David. zhong

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**NS Technology Co.,Ltd.**

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在 2008-09-24, dward <[dward@atcb.com](mailto:dward@atcb.com)> 写道:

Hi David

Please note that you cannot modify an approved FCC test procedure just to lower power readings. You must follow the approved FCC test procedure and report the results. If you have not modified the test procedure, but modified the EUT instead to clamp power, then you need to provide the operational description and tune up procedure showing how the device is limited to the power measured. You should also get an attestation from the manufacturer of the device that they have modified the device and this modification will be in ALL items manufactured and sold in the US.

Thanks

*Dennis Ward*

Director of Engineering

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**From:** 钟卫 [mailto:[zhongwei0712@163.com](mailto:zhongwei0712@163.com)]

**Sent:** Wednesday, September 24, 2008 1:42 AM

**To:** Dennis Ward

**Cc:** customerservice; 'NS 胡主任'; Eda Liu; Jerry Lee; Major Chen; William Graff

**Subject:** Re:RE: www.AmericanTCB.com ATCB006774 | VWPKENWIN00004 | | VWPKENWIN00004\_ATCB006774

Dear Dennis Ward,

1: for the conducted power, we added the gain the of antenna to it; if it does not need to add the gain, we will calculate the conducted power again and provide the appropriate data of MPE.

2: For the over 10 dB difference between the two measurements, we have modified the test procedure in compliance with the customer' s requirement to reduce the output power clamp , therefore, the data of the conducted power of the second test result is less than that of the first one.

I am looking forward to your comments and advice.

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Thanks

Best regards

EMC/David. zhong

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在 2008-09-24, dward <[dward@atcb.com](mailto:dward@atcb.com)> 写道:

Hi David

Please note that you are still recording conducted power incorrectly. You do not add the gain of the antenna to this level. Please also note the eirp is also NOT calculated from a conducted power. Please see the appropriate test procedure for eirp of part 15.247 devices which use the measured radiated field in the formula  $(E_d)^2 / 30G$ . Please report the correct conducted power levels using the appropriate data (i.e. DO NOT INCLUDE THE GAIN).

Also, please explain what was done to the device from the time of original measurements in which you measured 20.33 dBm ( $19.73 + .6$ ) and now when you only report 9.87dBm ( $9.27 + .6$ ). Please note that this is a greater than 10dB difference between the two measurements and this is entirely unacceptable without a proper justifiable explanation of the reason. Either you measured incorrectly the first time and this needs to be explained, or you have made a mistake this time and need to re-measure, or you have done something to the device to reduce the power which must be included in the documentation in the form of a tune up procedure so that the device CANNOT be made to exceed the measured power.

Thanks

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**From:** 钟卫 [<mailto:zhongwei0712@163.com>]  
**Sent:** Tuesday, September 23, 2008 1:52 AM  
**To:** Dennis Ward  
**Cc:** customerservice; NS 胡主任  
**Subject:** Re: [www.AmericanTCB.com](http://www.AmericanTCB.com) ATCB006774 | VWPKENWIN00004 | | VWPKENWIN00004\_ATCB006774

Dear Dennis,

I have submitted the VWPKENWIN00004 which has been revised .

1:For comments 1 to 6, I have updated the data in accordance with your requirements.

2:For SAR measure, the power is less than 24mW or 13.8dBm,  
my client don't need to do SAR .I have added the description in the report.

3:For the band edge,I have added the radiated emissions measurement in the report.

4:For comments 9,I have submitted Attestation for FCC DOC.

Thanks.

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Thanks

Best regards

EMC/David. zhong

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