

Dear Don,

Your exhibit showing the internal construction of the laptop and the relative locations of the radios and antennas should be in one of the uploadable formats accepted by the FCC database: DOC (~3MB max), PDF (~ 3MB max) or JPEG (400KB max). I understand that the ProE might provide the clearest illustration, but it is not one of the accepted formats. It might be helpful for understanding the construction to overlay an internal photo with callouts or diagrams; as long as the result is one of the accepted formats, this is OK too.

Regards,
Roland

From: Don Bobo [mailto:dbobo@motioncomputing.com]
Sent: Wednesday, February 14, 2007 3:15 PM
To: Roland Gubisch ES-BOX
Cc: Terre Wolak ES-ATL
Subject: RE: Certification review of Motion Computing FCC ID: Q3QAWM7519ABG

Hi Roland,

I am preparing the information identified in item # 4 and was wondering if you are able to view a ProE drawing.

If possible the Pro-E file will be able to show you the information you are requesting a lot better than disassembling a unit due to the location of the actual 802.11 & BT modules and their respective antenna locations.

The BlueTooth Module has a integrated antenna on the module itself, but is located in the top of the product whereas the 802.11 module is located on the bottom of the unit beneath the MB.

Let me know if a Pro-E file will work for you if compared to an actual photo.

Cordially,
Don

From: Roland Gubisch ES-BOX [mailto:roland.gubisch@intertek.com]
Sent: Tuesday, February 13, 2007 4:14 PM
To: Don Bobo
Cc: Terre Wolak ES-ATL
Subject: Certification review of Motion Computing FCC ID: Q3QAWM7519ABG

Dear Mr. Bobo,

Review of this application for certification is complete, and there are no technical issues. However, before certification can be completed several administrative requirements must be addressed. Please respond to the following items:

ADMINISTRATIVE

1. **The device label shows the FCC ID of the BT radio but not the Atheros radio.**
Please explain.

2. **The user manual lists some SAR values that do not correspond to the SAR test report.** Either these values should be deleted entirely, or only the values for the LE1700 should be listed. There is no need to have SAR values in the user manual. The manual also lists some models which are not described in the testing. If these are to be included in the certification envelope, it would be helpful to have a key to the model attributes.
3. **The block diagram does not seem to include both Atheros and BT modules.** Please comment.
4. **There does not appear to be an internal photo that shows the construction of the laptop, and the positions of the radios relative to each to each other and to the internal structures.** Please provide such a photo.
5. **Radio operation in the band 5150-5250 MHz must be restricted to indoor use.** This is noted in the Atheros Grant of authorization. A similar statement or requirement should appear in the user manual, but I could not find it. Please indicated where it it found, or by what other means compliance is assured.

Certification can proceed as soon as these points are addressed.

Thank you,
Roland Gubisch
Intertek