

June 29, 2005

Federal Communications Commission  
Equipment Approval Services  
7435 Oakland Mills Road  
Columbia, MD 21046  
Attn: Steve Dayhoff

**SUBJECT: Flarion Technologies, Inc.**  
**FCC ID: QZX99171001**  
**731 Confirmation No.: EA719119**  
**Correspondence Reference No.: 29106**  
**Request for Tech. Info.: 06/27/05**

Dear Steve:

Transmitted herewith, on behalf of **Flarion Technologies, Inc.** is an amendment provided in response to the request for technical information of the above-referenced device.

1. The maximum conducted power (source-based time averaged) is 24.0 dBm (nominal)
2. The spacing between the bottom of card slot and the SAR phantom depends on which host were used. For IBM host, the spacing is 1.1cm, for Panasonic CF-73 the spacing is 1.3cm, and for Gateway Solo 5300, the spacing is 1.0cm.
3. The SAR retest using 2 additional hosts were uploaded on June 24, 2005. Please find attached the amended test data page for the 3 Host SAR Test.
4. Please find attached Flarion's response to Question No. 4 and the amended pages of the Users Manual.
5. Please find attached Flarion's response to Question No. 5.
6. Please find attached Flarion's response to Question No. 6.
7. The liquid conductivity parameters between 450MHz and 835MHz are 0.85 and 0.98 respectively. The conversion factors CF for 450MHz and 835MHz are 9.24 and 5.85 respectively. Using the values given estimates the SAR at 712MHz to be an 12% overestimation of SAR which corresponds to a maximum Body SAR of 0.58W/kg.

We trust this information is sufficient for the issuance of the grant of this application. If you have any further questions, please do not hesitate to contact us.

  
Randy Ortanez  
President

cc: Bill Clark, Flarion Technologies