American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

September 12, 2006

RE: M/A Com, Inc.

FCC ID: BV8P7200

After a review of the submitted information, I have a few comments on the above referenced Application.

1) This device requires SAR and the original results showed a fairly high 7.42 w/kg. Regarding SAR, note that the FCC requires an appropriate attestation justifying the highest SAR value as still being valid or remeasurement data if the SAR value is found to be higher. In compliance with Section 2.1093 submit a statement confirming compliance with the limits SAR should be provided or a report if the maximum SAR value increases under this FCC ID. Please review/explain/correct as necessary.

   Response: The radio operates with constant envelope modulation. Conducted power has not been changed, there are no changes to the PC board, no components have been added or deleted. The capability has been in the radio from the original Grant and the mode has now been enabled in software, as Mr. Popowitch's cover letter stated. The effect is to have the waveform fill the mask more, without changing the conducted power level. This new emission yields the same power level as the other emission modes already granted; that is, the zero reference level would be the same and the power measured by a power meter would be the same. M/A-COM sees this newly enabled emission mode as increasing system wide receive performance. SAR levels are not impacted and compliance to the limit is maintained as originally reported.

2) If the changes cited can be noted in the schematics previously provided, please provide an updated schematic diagram. Additionally, if desired please provide an appropriate confidentiality letter as necessary to request confidentiality on any schematics provided.

   Response: As stated in the applicant's cover letter uploaded with the application, the hardware (and thus the schematics) has not changed.

3) It is uncertain if the changes can be fully considered permissive without comparison of before/after testing of a least one previous emissions designator. Has testing been performed to show that previous emissions previously reported have not changes as well. Please explain as necessary.

   Response: As stated in the applicant's cover letter, the hardware has not changed. The emissions reported in the original filing have not changed.

4) Test data appears to only show compliance to mask G. However it appears 806-809 and 851–854 MHz appear to require to meet mask H. Please review/explain/correct as necessary.

   Response: By testing on all channels, we are trying to show that the radio is compliant with the old and new mappings of the 800 MHz band. M/A Com never intends to use the radio in this mode on a NPSPAC channel which would require mask H.

5) Regarding IC, one of the line entries mentions BETS. This appears to be incorrect. Please comment. (see attachment provided).

Response: Per our email exchange of September 13, 2006, the BETS reference is an error on the IC web site that should be superceded (eliminated) when this reassessment application is uploaded to the IC site. Please look for this when you upload this reassessment application. Thank you.

Timothy R. Johnson Examining Engineer

mailto: tjohnson@AmericanTCB.com

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.