

Rhein Tech Laboratories  
360 Herndon Parkway  
Suite 1400  
Herndon, VA 20170  
<http://www.rheintech.com>

Client: M/A-COM, Inc.  
Model: SkyMastr 800 MHz Base Station  
FCC ID: BV8MBS800A075  
Standards: FCC Part 90  
Report #: 2006049

## **Appendix B: Change Description**

Please see the following page.



**M/A-COM**

M/A-COM, Inc.  
221 Jefferson Ridge Parkway  
Lynchburg, VA 24501

Telephone: 434.455.9527  
FAX: 434.455.6851  
popowitda@tycoelectronics.com  
www.macom.com

May 18, 2006

American TCB, Inc.  
6731 Whittier Avenue  
Suite C110  
McLean, VA 22101

Subject: FCC ID: BV8MBS800A075  
Class II Permissive Change

M/A-COM wishes the subject Equipment Authorization Grant processed for a Class II Permissive Change. The request is for review of an additional emission designator on this 800 MHz base station. A new emissions designator is requested to be added to this radio product to support a new modulation format. Changes were made to the base-band DSP filtering to alter the bandwidth of the pulse shaping filter and a change was made to the value of FM deviation. These changes altered the overall modulation bandwidth of the transmitted signal and thus a new FCC emissions designator is warranted. No changes were made to any portion of the hardware with the inclusion of this new designator. The radio product is intended to support existing legacy systems already deployed in the market place and as such must continue to maintain the former emissions designators in the FCC grant.

Rhein Tech Laboratories, Inc. agent authorization letter to act on M/A-COM's behalf for this change request, has been provided as an exhibit as well, along with test report.

Sincerely,

A handwritten signature in black ink that reads "Daryl S. Popowitch". The signature is stylized with a large, looped "D" and a cursive "S".

Daryl Popowitch  
Regulatory Manager,  
Engineering Project Manager

M/A-COM, Inc. – Lynchburg, VA