

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

Client: M/A-COM, Inc.  
Model: OpenSky Cell Site Base Station  
Standards: FCC Part 90/IC RSS-119  
Report Number: 2006050  
Date: May 23, 2006

## **Appendix B: Change Description**

Please see the following page.



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

**M/A-COM**

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[www.macom.com](http://www.macom.com)

May 18, 2006

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

Subject: FCC ID: BV8MCS800A025  
Class II Permissive Change

M/A-COM seeks a revised Equipment Authorization Grant for 800 MHz cell station LMR radio equipment. The request is for review of an additional emission designator on this 800 MHz cell 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 modification and a test report, have been provided as exhibits.

Thank you for your kind consideration and timely review of this modification to the M/A-COM, Inc. LMR product family.

Sincerely,

A handwritten signature in black ink that reads "Daryl S. Popowitch".

Daryl Popowitch  
Regulatory Manager,  
Engineering Project Manager

M/A-COM, Inc. – Lynchburg, VA