



March 6, 2013

Federal Communications Commission  
Office of Engineering and Technology  
Equipment Authorization Division  
7345 Oakland Mills Road  
Columbia, MD 21046

Re: FCC Form 731 Application for Class II Permissive Change Request for FCC ID: SM6-RMXR

Dear Application Examiner:

Pursuant to Section 2.1043(a)(2) of the Commission's Rules, Mueller Systems, LLC ("Mueller Systems"), respectfully requests a Class II Permissive change for the FCC ID: SM6-RMXR. This Class II permissive change is to incorporate the following modifications or additions to the repeater module:

- 1) Shield size has been reduced to approximately one half the height of the original shield and to remove the need for the RF absorber on the bottom of the module;
- 2) The addition of the following antenna: Laird model B8965C Closed Collinear antenna; and
- 3) Seeks co-location of another antenna within 20 cm of another radio.

Consistent with the Rules of the Federal Communications Commission ("Commission"), Mueller Systems hereby provides complete information and applicable test results of the modifications of the performance characteristics of the originally authorized equipment. These materials include tests for radiated emissions in the restricted bands which indicate continuing compliance of the unit with the Commission's Rules.

I certify that all exhibits contained within this filing properly describe the device or system for which authorization is sought. I further certify that appropriate arrangements have been made to assure that production units of this equipment bearing the name and FCC IDENTIFIER listed in this application will comply with the Commission's rules and requirements.

I further certify by signature below that neither Mueller Systems, nor any party (as "party" is defined in 47 CFR 1.2002(b)) to the application is subject to denial of Federal benefits, including FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert P. Keefe", written over a white background.

Robert P. Keefe  
Senior Vice President/Chief Information Officer