



May 26, 2011

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-UGM-H

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-UGM-H. There are two portions of this change. First is to allow the use of a new hailing mode of operation. This mode will be utilized to initiate communications between mesh network nodes that have a sleep mode. This mode of operation utilizes a different set of RF channels from the previously certified data channels within the 902-928 MHz band but shares the same power and bandwidth as the data channels. This mode of operation was implemented via EUT manufacturer software code. The hailing mode of operation is defined in the document "Theory_of_OpS for FCC3.0 MiNet RF products.doc" submitted with this request.

Second, the PWB was modified in the RF section to move one via to improve the manufacturability of the device. The moved via connects to L4 and provides filtered power to the RF transceiver chip. It does not carry any RF signals. See the attached document "New Internal photos UGM-H.docx" for a picture of the new via location along with "UGM-H Pictures from last FCC test report From WLL.docx" which depict the original design.

Thank you for your attention to this matter.

Very truly yours,

A handwritten signature in black ink that reads "Clayton Robert Barker III". The signature is written in a cursive, flowing style.

Clayton Robert Barker III
Executive Vice President & General Counsel