

From: Jeff Rummel

To: Leann Nguyen
Date: March 17, 2017

Subject: Request for Info - File # 0148-EX-ST-2017

Message:

Ms. Nguyen:

This is to advise you that FAA coordination for File No. 0148-EX-ST-2017 has been completed.

Please see the FAA coordination report below from the FAA's Mr. Murphy.

Best regards,

Jeff Rummel
Attorney for BAE Systems

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Sent: Thursday, March 16, 2017 3:11 PM
To: Rummel, Jeffrey
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Subject: 0148-EX-ST-2017

The FAA will conditionally concur with 0148-EX-ST-2017 (EMI/EMC testing) , after reviewing BAE Systems's Coordination information.

Move 263 MHz and 307 MHz to another channel with coordination with Military Advisory Group (MAG) chair. A replacement channel using Annex A allocations are not permitted.

Change bands assignments to from 100-307 MHz to 138.175-### MHz (whatever upper channel is coordinated with MAG to replace 307 MHz).

The FAA cannot concur with either 1540, 1541 or 1559 MHz due to impact to GPS L1 operations, and the excessive out-of-band power output. However, the FAA may concur if the test signal is adjusted accordingly:

Peak Power: 30 dBm max. Pulse Width: 125 usec. Pulse Duty Cycle: 10 %.

Rodney Murphy
Federal Aviation Administration
Spectrum Engineering and Policy
Fixed/Land Mobile,UAS, Satellite, Experimentals

FAA FAS Representative
202-267-9501