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UB Nanosatellite FCC File Nos 1477-EX-ST-2016 & 1552-EX-ST-2016

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To: Seamus Lombardo <s.lombardo31@gmail.com>

Cc: Carlos Flores <carlos.flores@fcc.gov>

Mr. Lombardo:

Please send a reply E-Mail to sonnenfeldt.walter@orbcomm.com to confirm that you have received this message.

Thank you for your E-Mails regarding two currently pending UB Nanosatellite Laboratory ("UB") FCC Experimental Special Temporary Authority Applications (File No. 1477-EX-ST-2016 and File No. 1552-EX-ST-2016, the "Applications").

ORBCOMM understands that Applications propose FCC Rule Part 5 Experimental temporary authority use of one (1) channel, centered at 137.875 MHz, with a 12kHz bandwidth (emissions designator 12K0F1D), and an EIRP of 10W (+40dBm). We also understand that UB's proposed single channel experimentation will be operating for a few hours with an average duty cycle under 20%, but potentially with periods of 100% activity lasting up to 10 minutes at a time, and only at the specific geographic locations identified in the Applications.

Regarding the 12 kHz wide 400.15-401 MHz band channel indicated in UB Application File No. 1477-EX-ST-2016, ORBCOMM requested UB to provide a specific proposed channel center to determine if ORBCOMM has any interference concerns. However, UB has not provided ORBCOMM this information. Accordingly, ORBCOMM cannot consent to this proposed frequency utilization at this time.

Based on the information stated above, ORBCOMM has no objection to grant of the Applications to permit UB to conduct its proposed program of experimentation on a non-protected non-interference basis using the proposed single above-described 137.875 MHz channel in accordance with Part 5 of the FCC's Rules. ORBCOMM has no other comments or objections to the Applications at this time.

Best Regards,

Walter Sonnenfeldt

Vice President, Regulatory Affairs

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