



Seamus Lombardo <s.lombardo31@gmail.com>

UB Nanosatellite FCC File No. 1477-EX-ST-20161 message

Walter Sonnenfeldt <wsatelecom@rochester.rr.com>

Wed, Dec 14, 2016 at 1:38 PM

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-Mail of 29 November 2016 providing information regarding the proposed special temporary experimental use of the 400.15-401 MHz band in relation to the pending UB Nanosatellite Laboratory ("UB") FCC Experimental Special Temporary Authority Application (File No. 1477-EX-ST-2016, the "Application").

ORBCOMM understands that the Application propose FCC Rule Part 5 Experimental Special temporary authority use of one (1) channel, centered at 400.750 MHz, with a 12 kHz 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

Application.

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 400.750 MHz channel in accordance with Part 5 of the FCC's Rules.

However, we must underscore that ORBCOMM's consent to temporary non-interference FCC Part 5 experimental use of spectrum in any frequency bands licensed for commercial use by ORBCOMM must in no way be construed as ORBCOMM's consent to coordination of shared use of spectrum under any other authorization regime.

ORBCOMM has no other comments or objections to the Application at this time.

Best Regards,

Walter Sonnenfeldt

12/14/2016

Gmail - UB Nanosatellite FCC File No. 1477-EX-ST-2016

Vice President, Regulatory Affairs

ORBCOMM Inc.

E-Mail: sonnenfeldt.walter@orbcomm.com