

UB Nanosatellite FCC File No. 1546-EX-ST-2017

2 messages

Walter Sonnenfeldt <wsatelecom@rochester.rr.com>Fri, Dec 8, 2017 at 10:08 AM

To: Seamus Lombardo <s.lombardo31@gmail.com>, Leann Nguyen <leann.nguyen@fcc.gov>, Anthony Serafini <anthony.serafini@fcc.gov>
Cc: Ryan Szczecinski <ryanszcz@buffalo.edu>, Ian Desjardin <idesjard@buffalo.edu>, Matthew MCGovern <mamcgove@buffalo.edu>

Mr. Lombardo:

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

This is in response to your request for ORBCOMM's consent to the proposed special temporary experimental use of the 137-138 MHz and 400.15 - 401 MHz bands in relation to the pending UB Nanosatellite Laboratory ("UB") FCC Experimental Special Temporary Authority Application (File No. 1546-EX-ST-2017, the "Application").

ORBCOMM understands that the Application proposes FCC Rule Part 5 Experimental Special temporary authority use of: (A) one (1) channel, centered at 137.875 MHz, with a 12 kHz bandwidth (emissions designator 12K0F1D), and an EIRP of 10W; and (B) one (1) channel, centered at 400.75 MHz, with a 12 kHz bandwidth (emissions designator 12K0F1D), and an EIRP of 50W. We also understand from your E-Mail confirmation to us that the program of experimentation proposed in the Application will otherwise be conducted in full accordance with the technical parameters specified under the program of experimentation proposed by UB in connection with FCC File No. 1781-EX-ST-2016.

Based on the information stated above, ORBCOMM has no objection to grant of the Application to permit UB to conduct its proposed program of experimentation on a non-protected non-interference basis using the proposed above-described 137.875 MHz and 400.75 MHz channel centers in accordance with Part 5 of the FCC's Rules.

We must underscore, however, that ORBCOMM's consent to temporary non-interference FCC Part 5 experimental use of any spectrum ORBCOMM must in no way be construed as ORBCOMM's consent to coordination of shared use of spectrum under any other authorization regime (including but not limited to, international coordination of spectrum by the United States, or authorization for use of spectrum in any country other than the United States).

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

Best Regards,

Walter Sonnenfeldt

Vice President, Regulatory Affairs

ORBCOMM Inc.

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