
Date: July 05, 2017

Mr. George John, Spectrum Manager
Spire Global, Inc.
33 Norfolk Street
San Francisco, CA 94103

Dear George,

As per our discussion last week, this letter is to request coordination between SPIRE spacecraft and our Astro Digital Corvus-BC spacecraft numbers 01 and 02. The Office of Engineering and Technology of the Federal Communications Commission has requested this activity. This coordination request is related to our Part 5 Experimental License for those two spacecraft (FCC File Number: 0024-EX-CM-2016, Call Sign WH2XXT).

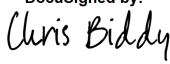
As an attachment to this letter I've provided the detailed characteristics of our UHF Earth-to-space (uplink) transmission, which is used for command purposes. As we discussed this uplinking station is located at Moffett Field at (37° 34' 34" N; 122° 3' 12" W) and it is the only uplinking station in our ground network at this time. Our command receiver operates at 402.600 MHz and occupies a bandwidth of 40 kHz. Other details are included in Attachment A to this letter.

As we have agreed, please have the SPIRE engineering team review this data and see if there are any questions raised concerning our compatibility.

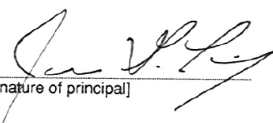
Astro Digital requests that you please send us a short letter that can be forwarded to FCC/OET acknowledging that SPIRE agrees to Astro Digital operations in the band 402 to 403 MHz under the condition that should emissions from our ground station to our Corvus-BC-1 and -BC-2 spacecraft cause interference to your operational SPIRE spacecraft, Astro Digital agrees to terminate emissions from to these satellites. We'd greatly appreciate a rapid response to our request.

Thank You for Your Attention to this Matter,

Chris Biddy
CEO, Astro Digital US, Inc.

DocuSigned by:

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Jan A. King
CTO, Astro Digital US, Inc.


[Signature of principal]