

July 18, 2017

VIA EMAIL

Mr. Chris Biddy
CEO
Astro Digital US Inc.
340 Cody Road
Moffett Field CA 94035
chris@astrodigital.com

Re: Astro Digital US Inc. ("Astro Digital") Experimental Permit Application
File Number: 0024-EX-CM-2016; Call Sign: WH2XXT

Dear Mr. Biddy,

After reviewing the information Astro Digital submitted to Spire Global, Inc. ("Spire"), Spire has found there may be potential radio frequency interference impact from Astro Digital's ground station uplink at 402.6 MHz to seven (7) Spire satellites and maybe more satellites in the future. However, since Astro Digital only does a few contacts per day on a narrow beam and with low duty, the overall impact within the parameters Astro Digital has given Spire is manageable.

So, Spire asks the Federal Communications Commission ("FCC") Office of Engineering and Technology to grant Astro Digital's experimental permit application for proposed operations in the band 402-403 MHz band under the condition that should emissions from Astro Digital's ground station to its Corvus-BC-1 and Corvus-BC-2 spacecraft cause interference to Spire spacecraft, Astro Digital agrees to terminate emissions to these satellites.

Spire thanks Astro Digital for its timely submission of its operational information and the FCC for assisting with coordination.



Please direct any questions regarding this filing to the undersigned.

Respectfully submitted,

/s/ George John

George John
Legal & Regulatory Counsel
george.john@spire.com
(202) 747-2619

cc: Jan King
CTO
Astro Digital US Inc.
340 Cody Road
Moffett Field CA 94035
jan@astrodigital.com

Carlos Flores
System Analysis Branch (Earth Stations)
FCC
445 12th Street, SW
Washington, DC 20554
carlos.flores@fcc.gov

Anthony Serafini
Experimental Licensing Branch Chief
FCC
445 12th Street, SW
Washington, DC 20554
anthony.serafini@fcc.gov