

To: Blaze Sanders
E-Mail: blaze@spacevr.co
From: Doug Young
Date: July 11, 2016

Subject: Request for Info - STA File #0521-EX-ST-2016

Message:

1. The ITU API filing did not have the RR 4.4 box checked on any of the frequency bands. We need to know if you are seeking to obtain operational status in the 2.2GHz and 8 GHz frequency bands. If you do want status, we advise you that this will require coordination which is a lengthy process (years) domestically and internationally. If you do not wish to seek status and are willing to operate under a non-interferences basis (NIB), with no protection which is the condition as RR 4.4, then you will need to add a "Y" in the API RR 4.4 box.
2. The initial FCC FORM 442 was modified and the frequency band 2071-2073 MHz was removed; however, in the API filing, it still has the 2071-2073 MHz band and it is shown as the only uplink band. Can you identify which frequency band is the uplink and downlink and provide us updated FCC Form 442 and the API file?
3. Form 442 contains six emission designators (1M00G1D, 2M00G1D, 4M00G1D, 10M0G1D, 20M0G1D, 40M0G1D) but the API only has one emission 1M00G1D. Is there a reason why five of the emission designator are missing from the API filing?
4. Form 442 does not contain information for any earth station. The API filing has one earth station transmitting and receiving. For FCC licensee we will need earth station information, either listed in the Form 442 if Space Virtual Reality is operating them, or there should be an exhibit indicating who will operate the earth station. This application cannot be granted until the earth station is identified and authorized.
5. The API filing, has some technical errors (such as Max Pwr Den values don't match your associated power and emission and the space station receive Ant Gain values do not match the value in the antenna pattern document provided). Is there a reason why these values don't match or was this an error?
6. You should be aware that we will need the NOAA letter before granting any license since the cubesat mission describes having video recording and image capabilities.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of July 11, 2016 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://apps.fcc.gov/oetcf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 33092