

From: Ken Oyadomari

To: Behnam Ghaffari  
Date: February 13, 2018

Subject: FCC File No. 0066-EX-CN-2018

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Message:

From: Behnam Ghaffari (Behnam.Ghaffari@fcc.gov)  
Applicant: Capella Space Corporation  
File Number: 0066-EX-CN-2018  
Correspondence Reference Number: 40611  
Date of Original Email: 02/06/2018

You have indicated you are seeking to obtain authorization for the following frequency bands:

&quot;Overview of Operations

Capella seeks to use the following frequency bands:

- 1) 2025-2110 MHz for uplink;
- 2) 8025-8400 MHz for downlink;
- 3) 9300-10000 MHz for SAR imaging; and
- 4) 161.9625 MHz, 161.025 MHz, 156.775 MHz, and 156.825 MHz for automatic identification system (&ldquo;AIS&rdquo;) monitoring&quot;.

However, on your application you have entered different frequency bands. Please explain.

The frequency bands included in the overview of operations are the FCC frequency allocation that we plan on using. As an example, the 2025-2110 MHz band's primary allocation is for EARTH EXPLORATION-SATELLITE (Earth-to-space). Within this band we plan on using the frequencies of 2035.5 - 2036.5.

Is there is a better way to indicate this within our application?

Additionally, please go back to your application and enter the ERP for 2035.5-2036.5 MHz and 9400-9900 MHz.

The frequencies of 2035.5-2036.5 MHz and 9400-9900 MHz are receive only frequencies and do not have an associated ERP. Is there a better way to indicate this on our application?