

From: Steven Hemple

To: Leann Nguyen

Date: January 31, 2017

Subject: FCC File # 0253-EX-CN-2016

Message:

Ms. Nguyen,

Here is the information you requested:

- 1) What is the transmit antenna altitude from the ground (AGL)?
 - a. The antenna sits on the top of a building approximately 50 ft above the ground.
- 2) Provide a representative antenna pattern for the C-Band and Ku-Band to perform an off-axis EIRP.
 - a. Uploaded to OET site
- 3) Is the CW NON signal transmitting in steps or sweeping across the entire frequency band?
 - a. The CW signal is transmitted in steps at various frequencies. Transmission does not sweep across the entire band.
- 4) Does the CW signal have any bandwidth (i.e. 10 Hz or more)?
 - a. 10 Hz

Please feel free to contact me with further questions.

Regrads,
Steven Hemple