

From: Acasuso Mikel

To: Leann Nguyen

Date: September 14, 2018

Subject: Request for Info - File # 0461-EX-CN-2018

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Message:

The purpose for the station with file number 0461-EX-CN-201 will be to support the experimental satellite project called Athena submitted by PointView Tech LLC. with file number 0353-EX-CN-2018. The length of this project will be 14 months. The RTS will be operating at 8496.25 MHz Rx and 2082 MHz Tx. The EIRP of the antenna with the 100w HPA has a P1dB of 47.5 dBw, and at Psat is about 50.5 dBw.

Stop Buzzer will be performed through the antenna control unit to disable the HPA in case it is required. There will be a transmit mask where the antenna will not be able to transmit under 5 degrees, in case there is an cell tower or building in the path of the transmitting antenna these items will also be added to the mask. In case any fault shows up in the antenna ACU, the HPA will be automatically disabled and will only be enabled by a user.

The "Stop Buzzer" POCs are:

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