

From: RICHARD HIBBELER

To: Doug Young

Date: October 26, 2018

Subject: Request for Info - File # 1440-EX-ST-2018

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Message:

These are requests that came straight from NASA

- Tx. Power: 100 watt

- Tx. Gain: 39.2 dBi (5.4 m)

- The antenna transmits only when one of the Worldview satellites (1-4) is in view.

- For Frequency range 2051.3400 - 2052.6600 MHz, we will operate as discussed previously and all emissions will fall within this band.

- For Frequency range 2085.0275 - 2086.3475 MHz, we will operate with the following conditions:

- o Testing operations in the 2085.0275-2086.3475 MHz frequency band or while using a frequency of 2085.6875 MHz shall not occur when the NASA International Space Station (ISS) (NORAD designation 25544 or international spacecraft ID 1998-067A) is within the horizon to horizon view of the Haras Developments facility in Kileville, OH.

- o Haras Developments will take responsibility for accounting for the ISS orbital position to avoid transmitting while it is within view. It will not be NASA's responsibility to provide the ISS schedule.