
York Space Systems LLC Response to FCC Demisability Questions
Re: Application File No. 1500-EX-CN-2023
June 14, 2024

1. Please indicate if the demisability analysis you referenced being performed with AHaB is exactly the same as your spacecraft design or if it's merely similar. If it's similar, please provide details on why you believe your design is comparable and will demise.

Response: York utilized the DAS software tool for demisability analysis on this spacecraft's entire design and all of its components. York *also* supplemented some of the analysis of individual components with existing AHaB analysis from previous missions. Where York used the AHaB analysis, the components were exactly the same as those used on previous missions.

2. The FCC request asked for verification on TT&C downlink parameter that was provided to me from York: The minimum power density for the BSD entry is higher than expected. For your given emission designator of 4M52G1D, a value closer to -73 is expected. Please confirm the minimum power density, and update the entry if required.

Response: The corrected minimum power density figure is -73.6. York has updated the corresponding entries in the attached database accompanying this submission.