

MITRE is conducting a set of experiments with an experimental satellite payload. Varying bandwidths and frequencies are needed to evaluate its performance on-orbit. Frequency authorization is needed for experimental communications with the small satellite in low-earth orbit. The MITRE earth station will be communicating with the experimental space station operated by Analytical Space, Inc. (ASI). The launch date for this satellite payload is scheduled for November 10, 2019. ASI has filed an STA application (1560-EX-ST-2019) that includes operation in the 2395-2450 MHz band, among other frequencies. MITRE is seeking authorization for the corresponding earth stations in this application, and in a separate application (0770-EX-CN-2019) for an earth station operating on frequencies in the 5 GHz range.