

From: Kristi Key

To: Doug Young

Date: May 22, 2019

Subject: Request for Info - File # 0736-EX-ST-2019

---

Message:

Previous measurements of as implemented SpaceX systems indicate the occupied bandwidth with filtering applied is less than 5 kHz. Per NTIA Redbook Appendix J, the calculated necessary bandwidth of a Binary Phase Shift Keying signal at 4 ksps is 5.6 kHz. SpaceX has chosen to apply for the higher bandwidth as bounding, but the hardware configuration is unchanged.