

From: Robert Sparr

To: Hung Le

Date: August 19, 2019

Subject: Request for Info - File # 0581-EX-CN-2019

Message:

RE: Response to Request for Info - File # 0581-EX-CN-2019 on 13 Aug. 2019

The frequency bands we are requesting are as follows:

30.56 - 32.0 MHz

33.0 - 34.0 MHz

35.0 - 36.0 MHz

39.0 - 40.0 MHz

42.0 - 46.6 MHz

47.0 - 49.6 MHz

Our intent in selecting these bands was to avoid requesting the use of spectrum managed by the NTIA, because we understand that asking for NTIA bands would complicate the process of adjudicating our request. We are also not requesting the use of the radio astronomy spectrum from 37.0 to 38.25 MHz.

Our system has a flexible tuning capability, and we intend to be sensitive to the presence of other spectrum users. If there are any frequencies of particular concern within our request, we can remove them from the list of frequencies that we will use to avoid the potential for interference.

In addition, we will perform site surveys during installation to determine whether any of the frequencies within our requested spectrum are in use by others (for example, the police transmitter allocations between 37 and 47.41 MHz) so that we can avoid causing interference. In the event of any issues, we will keep our transmitter powered off when necessary and will alter our tuning within our allocated frequency bands to avoid the contested frequencies.

We have previously operated a one-way meteorburst communication link at lower power from the Hat Creek Observatory site in 2015 under a Special Temporary Authorization grant without incident (file no. 0850-EX-ST-2014, call sign WI9XBM).

Stop buzzer points of contact:

Primary: Robert Sparr, 650-207-1270

Alternate: Justin Landrum, 415-519-2979

If there are any further questions or concerns, please do not hesitate to contact me.

Thank you,
- Robert Sparr
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