

## Exhibit 1

The applicant proposes to employ the 10.7-11.7 GHz and the 12.2-12.7 GHz bands in a point-to-multipoint mode to test its recently-developed transmitter. The applicant's experimental transmitter is capable of transmitting digital data at speeds of up to 60 Mb/s, and would, if available to the public, enable high-speed wireless access to the internet. Further, the applicant's transmitter is designed to operate at extremely low power levels and avoid harmful interference to co-channel users. Thus, this experimentation will have significant contributions to the development and usage of the internet.