

Exhibit 1

Since Internet Satellite Systems, Inc. ("ISS") obtained its experimental authorization on December 9, 1999, it has engaged in tests pursuant to its authorization. These tests have been successful, and have caused no harmful interference to currently operating stations. Because of the success of the initial experiments, ISS wishes to amend its authorization to allow Limited Market Studies pursuant to Rule Section 5.3(j). The limited market study will be performed in accordance with Rule Section 5.93, which governs limited market studies.

Exhibit 2

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.