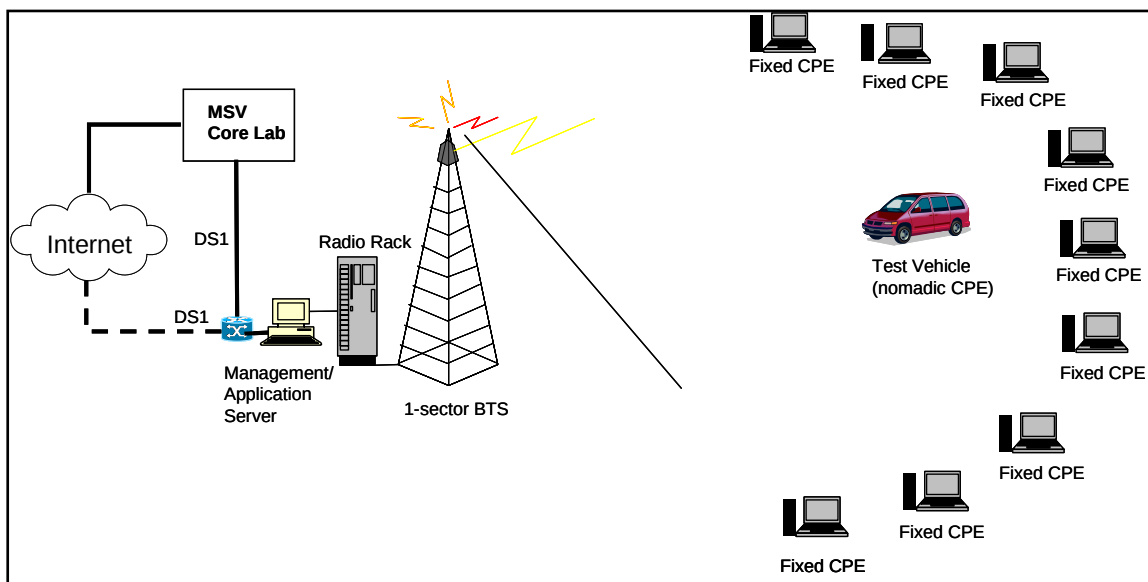


Exhibit A

Mobile Satellite Ventures Subsidiary LLC (“MSV”) requests an experimental Special Temporary Authority (“STA”) to conduct a limited test and demonstration of the WiMAX air interface protocol using L band spectrum coordinated for MSV and Mobile Satellite Ventures (Canada) Inc. MSV currently holds a license to operate an Ancillary Terrestrial Component (ATC) in the L band, but this license does not include authority to operate using the WiMax air interface.¹

The WiMax system to be tested consists of one (1) base station (BTS) and ten (10) fixed customer premises equipment (CPE). The BTS will be located at 10780-10790 Parkridge Blvd, Reston, Virginia 10191. The BTS will transmit in one 60° sector only. The CPEs will be located within a two to four kilometer radius of the BTS. One CPE will be installed in a van for nomadic testing. The other nine CPE will be deployed inside MSV’s headquarters, inside the residences of certain MSV employees, or inside the residences of individuals that have consented to this test. The CPE will be capable of operating only in terrestrial mode. The BTS and CPE are capable of operation 24 hours per day and 7 days per week, but MSV expects testing will normally be conducted only during regular business hours (9 AM - 6PM; Monday - Friday).

Figure 1: Overview



¹ MSV understands that a grant of this experimental STA would be without prejudice to the Commission’s consideration of MSV’s pending request for a modified ATC license. See MSV, Application, File Nos. SAT-MOD-20051104-00212, SAT-MOD-20051104-00211, SES-MOD-20051110-01561 (November 4, 2005).



The system will operate in Time Division Duplex mode with one frequency carrier centered at 1552.250 MHz.

MSV is in the process of selecting an air interface for its next-generation system as well as a partner to manufacture its next-generation equipment. The equipment MSV will deploy commercially will fully satisfy the requirements of MSV's ATC license. Conversely, the equipment to be operated pursuant to this STA is strictly for demonstration and testing purposes only. This equipment will not be deployed commercially. Operation of this experimental equipment now is critical for MSV to (i) validate its calculated link budgets; (ii) assess the performance of its system (*e.g.* throughput); (iii) verify the applications that can be provided using the L band WiMax system; and (iv) demonstrate the L band WiMax system to interested parties.

Given the limited nature of this testing, MSV is confident that this experimental operation will not result in interference to other spectrum users. MSV will also ensure that this testing does not result in interference to its existing customers. MSV will keep records of the dates and times when operations are conducted pursuant to this experimental authority.

MSV acknowledges that operations pursuant to an experimental STA are strictly on a non-harmful interference basis. MSV's point of contact in the event of interference concerns is as follows:

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