



Exhibit 1

Supplemental Information Regarding Earth Stations

In this application, SpaceX seeks experimental authority to allow testing of a new terminal integrated by SpaceX with SpaceX's licensed non-geostationary orbit satellite system. The terminal will be tested on a mobile ground vehicle. Information on the characteristics of the terminal is set forth below.

	Operational Config.
Manufacturer	SpaceX
TX Antenna	012987-501
Diameter (m)	12.2" X 12.2" square
TX Antenna Gain (dBi)	34.2
TX Antenna Full Beamwidth (deg)	3.5 (HPBW)
TX Power (W)	3.2
TX ERP (kW)	5.1
TX EIRP (dBW)	39.1
RX Antenna	012987-502
Diameter (m)	14.7" X 14.7" square
RX Antenna Gain (dBi)	36.1
RX Antenna Full Beamwidth (deg)	3.5 (HPBW)
RX Figure of Merit (dB/K)	11.1

Representative Ku-band transmit antenna patterns for this terminal are set forth below.



