

Exhibit 2

ANTENNA #1 **(For Facilities Previously Submitted Under File No. 0200-EX-ST-2007)**

The following information is provided with respect to the operations proposed under Antenna #1
(.50 km Radius Around 42-48-39 N.Lat.; 071-29-19 W.Long.) (Merrimack, NH):

1. Performance and Modulation Information

The Modulation associated with the requested facilities will involve the following, with a variable data rate of up to 45 Mbps:

QPSK, BPSK, QAM, FEC Rates $\frac{1}{2}$ to $\frac{7}{8}$.

2. Antennas – Directionality/Orientation

The antennas to be used in the experiment are Directional, and will be pointed either towards the ground or parallel to the ground. The antennas will possess the following orientation characteristics:

3dB BW E (Vertical)	3dB BW H (Horizontal)
15°	15°

3. Transmitting Equipment

Manufacturer	Model #	Units	Experimental
Agilent Microwave System Amplifier	83017A	1	No