

Exhibit 1

Description of Experimental Effort

The basic effort will be to demonstrate and test the viability of using the higher MM wave frequencies for very high data rate point to point communications connectivity. The units will be set up at various locations in the U.S., with direct connection to fiber optic networks as well as standard link measurement test equipment. The units will be primarily operated in an outdoor environment.

The transmitter will consist of a digitally modulated single carrier solid state unit that is incorporated with associated receiver and control/ support electronics. The data input and output signals will be via fiber optical cable.

Range of operation will typically be 5 Km or less, with most links operated between 100 and 1000 meters. Due to the propagation effects at the higher frequencies, there is minimal expectation of interference issues.

Objectives of this effort:

The basic goal is to define the optimum system parameters and demonstrate long term effectiveness of and economical use of the higher MM wave bands,

1. Propagation tests within this band to test the viability of using this frequency range.
2. Frequency reuse testing to verify link spacing and deployment.
3. Modulation and demodulation concept verification
4. Potential customer demonstration and trial.
5. Effects of multipath induced errors.
6. Degradation due to excess path loss atmospheric attenuation.
7. Data rate and format transparency

This experiment effort will attempt to verify and confirm laboratory tests and calculations in real world customer environments. The basis of this effort is to confirm, validate and demonstrate that these upper MM wave bands offer both technical and market advantages that are cost effective and easily deployable.