

Exhibit 1 – FCC Form 422

Triton Network Systems, Inc. (“Triton”) is a manufacturer of millimeter wave digital RF systems for the broadband wireless voice and data markets. Triton wishes to conduct a program of experimentation and research in the field, using the bands listed in its application. The experimentation will provide valuable information to Triton on the use of the above-referenced frequencies as applied to digital RF systems, with the goal of developing new technologies intended to meet the growing demands of data and telephony services. Triton hopes that the outcome of its experimentation will be the creation of new products that provide the public with economic and reliable data communications services.

More specifically, the goal of the experimentation is to conduct analysis and trade studies for the development of the equipment to evaluate:

- The appropriate data rate in the broadband wireless application
- The modulation scheme for the desired Bit Error Rate and spectrum efficiency
- The hardware design in the high frequency range

The on-the-air test in different parts of the country is essential in evaluating the performance of the equipment under various propagation and environmental conditions.

The equipment consists of modems, transceivers, antennas, network interfaces, power and control units.

A further goal of the experiments is to advance the art of radio communication in the broadband wireless area in:

- Producing fiber like performance with broadband transceiver technology
- Improving microwave range coverage and data throughput using high frequency, high power MMIC chips