

File: 0066-EX-PL-2006

The intent of this effort is to test, trial, and demonstrate MM wave point to point radio links that carry data rates from 10 MBs to over 1 GBs.

This equipment will be set up on a temporary or trial basis, usually not to exceed a period of 1 year. The equipment is portable, but when operating will be in a fixed mode.

Narrow beamwidth antennas will be used, typically less than 2 degrees beamwidth, but they could be pointed in 360 degree azimuth and +/-15 degrees elevation.

The equipment uses QPSK modulation with a spectral efficiency of 2 bits per Hertz.