

January 9, 2003

Dear Sir or Madam:

This letter accompanies our request for STA. Virginia Tech is interested in performing low-power Ultra-Wideband (UWB) propagation experiments at frequencies below GPS (1-1200 MHz). Because the power in each pulse is spread over the entire bandwidth, the power spectral density in any particular band will be sufficiently weak enough to avoid causing interference to existing users. We would also be willing to operate in a reduced bandwidth if it is not possible for us to obtain authorization to operate in the entire 1-1200 MHz range.

Sincerely,

Christopher R. Anderson
Graduate Research Assistant