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September 5, 2000

Ms. Magalie Roman Sala, Secretary
 Federal Communications Commission
 445 12th St., S.W.
 Washington, DC 20554

Re: Ultra-Wideband
 ET Docket 98-153

RECEIVED
 SEP 12 2000
 FEDERAL COMMUNICATIONS COMMISSION
 OFFICE OF THE SECRETARY

Dear Ms. Salas:

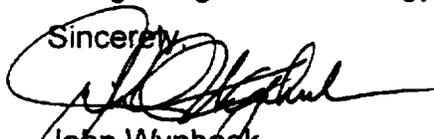
I am writing on behalf of the Hewlett-Packard Company, with regard to the FCC's Notice of Proposed Rule Making on Ultra-Wideband Radio (UWB). I manage the research effort in Hewlett-Packard Laboratories into the technology and applications relevant to UWB. The department I manage also has active and ongoing research into a wide spectrum of connectivity technologies, both wired and wireless.

The Hewlett-Packard Company, a leading global provider of computing and imaging solutions and services, is focused on making technology and its benefits accessible to individuals and businesses through simple appliances, useful e-services and an Internet infrastructure that is always on. Hewlett-Packard Laboratories provides the Research and Development necessary to drive forward this technology, and its accessibility.

The key to an "always on" communications network is in finding enabling technologies which may be incorporated seamlessly into existing and future products. This integration requires low-cost, low-power solutions, primarily in the area of communications. I believe UWB has tremendous potential in fulfilling these requirements, as its nature inherently allows low transmission power, and a reduction in implementation size and cost. It is these properties that will allow UWBs pervasive utilization in a wide variety of applications in the home, in businesses, in schools, and in extensive mobile communications and positioning applications.

I would advocate a swift conclusion to the FCC's rule-making process, so that this technology can begin to fulfill its potential as soon as possible. I would also urge the FCC seek a resolution that will allow UWB to fully achieve this potential as an enabling technology, while striving to prevent any possible interference with more traditional systems dedicated to public safety.

I believe UWB has a significant and essential role to play as a communications and positioning technology, in a wide variety of application areas. I applaud the FCC on recognizing this technology, and on moving promptly toward a rule-making decision.

Sincerely,

 John Wynbeek
 Manager: Imaging Systems & Architecture Department

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