SONY

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

September 8, 2000

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

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Re: Ultra-Wideband
ET Docket 98-153

Dear Ms. Salas:

I am writing in response to the FCC's Notice of Proposed Rule Making on ultra-wideband radio. I am the General Manger of Sony's Strategic Venture Investment Department which is the venture capital arm to Sony Corporation. The department is a part of Sony's Group Headquarters based in Tokyo, Japan with the offices in New York, NY and San Jose, CA. The group invests in young innovative technology companies, forms strategic partnerships, and works with Sony to create markets that do not exist today. Prior to my current position, I was the head of Telecommunications Research Lab at SONY Electronics Inc. in Montvale, NJ where I initiated and managed digital cellular terminal development, wireless messaging system, interactive TV, and worked closely with carriers and technology companies, such as AT&T, Motorola, Qualcomm and others.

UWB is a key enabling technology which makes high quality, high data rate wireless communications possible in heavily congested communications environment. We plan to work as a strategic partner with Time Domain Corporation to use Ultra Wideband (UWB) technology to create new applications and markets in the wireless communications space. Once the regulatory environment is set, Sony intends to use UWB technology, among many possible future uses, in professional video applications. for the short-range transmission / communications of visual and audio in professional content creation applications, such as sports events and news coverage.

Products that could incorporate UWB technology include cameras, video recorders and editors. It is likely, in the near future, to locate 50-100 cameras around a sports field and shoot scenes simultaneously to be able to choose the best image of the key event. In the event of breaking news, UWB wireless cameras will make image capturing more mobile and dynamic without conflicting with the use of spectrum by other news broadcasters. Implementing UWB technology in the above-mentioned products is only the first step in the evolution of UWB technology. UWB will enable more creative ways of content creation based on a new family of wireless broadcast and professional products.

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I urge the FCC to move the rulemaking process forward quickly to allow industry to move into the next era to create new markets and to deliver new products and services to consumers

Sincerely,

Hiroyuki Uchida

General Manager,
Strategic Investment Department
Group Headquarters
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