

Time Domain Corporation
Experimental STA Request
September 10, 1999
File No. 0286-EX-ST-1999

Exhibit 3

Operational and Geographic Information

This request seeks a special temporary authorization to demonstrate prototype ultra wideband ("UWB") units at the 1999 UWB Conference for Radio and Radar Technology. The conference is sponsored by the Ultra-Wideband Working Group, an informal association of companies and individuals interested in the development of UWB technology. Scientists, engineers, technology developers and government officials from the United States and abroad are expected to attend the conference. The following are key operational details for the demonstration:

Dates: September 28 and 29, 1999

Time: noon until 7:00 PM EDT.

Location: The Sphinx Club at 1315 K Street, N.W., Washington, DC

Note: The operations will be conducted in a meeting room that is below street level. Thus, all operations are to occur indoors below grade.

Number of units: one RadarVision™
four prototype video units

Note: None of the units operate in such a manner as to function as multiple simultaneously transmitting synchronized devices.

Antenna gain: nominally 0 dB

Radiated power: less than – 71dBW/MHz

Note: The radiated emissions level will not exceed the limits that would apply to an "unintentional" radiator under the general Part 15 limits set forth in Section 15.109 of the Commission's Rules.

Contact person during hours of operation:

Paul Withington
Portable telephone: 256-990-0224

Mr. Withington will be on-site and reachable at the above specified telephone number in the event that any need arises to terminate the operations.

Contact person regarding this request:

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Public interest showing:

The requested authority will permit the demonstration of ultra wideband prototype units. The Commission has heretofore found it to be in the public interest to explore the development of ultra wideband technology. *See, Notice of Inquiry* in ET Docket 98-153 released September 1, 1998. The demonstration will provide an opportunity for regulators, academics, and potential users to witness the operation of prototype units and to learn more about ultra wideband technology.