

ZAI/AMELEX, Inc.
Experimental STA Request
March 27, 2001
File No. 0129-EX-ST-2001
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Revised on 4/12/01

Exhibit 3

Operational and Geographic Information

This request seeks a special temporary authorization to evaluate ultra wideband ("UWB") technology:

Date:	Time:	Location:
5/1/01 through 11/01/01	7:00 AM thru 8:00 PM	15 Douglas Court Sterling, VA 20166-9461
		NAD 27 Latitude 38 58 39 N NAD 27 Longitude 77 24 55 W

Note: According to the FCC TOWAIR database, the nearest landing area is the Washington Dulles which is 3.1 miles away.

Purpose: This authority will permit the operation of ultra-wideband laboratory test equipment for the purpose of evaluating the functionality of the UWB technology being developed by Time Domain Corporation.

Operations are to be conducted entirely indoors in a metal building. The antenna will be hung from the ceiling in a down-looking mode.

These operations will be conducted to support a pending U.S. Navy contract. The contract number will be forwarded when the contract is awarded.

The U.S. Navy point of contact is Mr. Jim Verdi at 301-342-0048.

Number of units: One (1)

Antenna gain: Nominally 0 dB

Radiated power: less than -71.25 dBW/MHz per device

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

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Contact person during hours of operation at location:

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8229 Boone Blvd., #300
Vienna, VA 22182
703-883-0506 (lab)
301-371-3584 (office)
301-758-2906 (cell)
703-883-0526 (FAX)

Contact person regarding this request:

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Public interest showing:

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 and *Notice of Proposed Rulemaking*, released May 11, 2000.

The purpose of the operations to be conducted under this request authority will be to evaluate UWB as a potential technology in support of products that our company is considering developing. We realize that U.S. regulations at the time of this request have not been adopted by the Commission and that the Commission may not adopt regulations for UWB or may adopt regulations that are significantly different from the regulations proposed in the May 11 *Notice of Proposed Rulemaking* and that the regulations may affect any products that we design.