

Science Applications International Corporation
Experimental STA Request
October 11, 2000
File No. 0481- EX - ST - 2000

Exhibit 3

Operational and Geographic Information

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

Date:

10/12/2000 through 03/11/2001

Time:

8AM-6PM local time

Location:

4901 Olde Towne Pkwy
Suite 200
Marietta, GA 30068

NAD-27

Latitude 33:58:7.561N

NAD-27

Longitude 84:24:42.865W

Note: According to the FCC TOWAIR database, the nearest landing area to 4901 Olde Towne Pkwy, Marietta, GA 30068 is Dobbins Air Reserve Base, which is 7 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.

Number of units: 4

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.

Contact person during hours of operation at location:

John Rogers
Staff Scientist
Science Applications International Corporation
4901 Olde Towne Pkwy, Suite 200
Marietta, GA 30068
Voice: 770-579-4416
Cell: 404-314-7813
Fax: 770-973-6971

Contact person regarding this request:

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rogersjw@saic.com

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 requested 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.