

Lockheed Martin Corporation
Experimental STA Request
January 18, 2002
File No. 0030-EX-ST-2002

Exhibit 3

Operational and Geographic Information

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

Date:	Time:	Location:
Feb 1, 2002 thru July 31, 2002	24 Hour Operation	Lockheed Martin Corporation 5600 Sand Lake Road Orlando, FL 32819 Latitude 28:26:58N Longitude 81:27:7W

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: 1 Signal Generator

Antenna gain: <4 dB_i

Radiated power: less than -79.76 dB_w/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.

[NOTE: If operations are to be conducted entirely indoors, you should state this here as part of the request. Indoor only applications generally raise fewer coordination concerns than do those proposing outdoor operations.]

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Contact person during hours of operation at location:

Roy Croston
Sr. Staff Research Engineer
Lockheed Martin Corporation
5600 Sand Lake Road
Orlando, FL 32819
Phone: 301-670-6779
Fax: 301-670-6989

Contact person regarding this request:

Tanya Diamond
Executive Assistant
Time Domain Corporation
1666 K Street, NW Suite 250
Washington DC 20006
202-835-3016
202-835-3008
tanya.diamond@timedomain.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.