

Eaton Corporation
Experimental STA Request
September 26, 2001
File No. 0346-EX-ST-2001
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Exhibit 3

Operational and Geographic Information

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

Date:	Time:	Location:
10/8/2001 through 3/31/2002	7:00AM - 5:00PM local time	4201 N 27 th Street Milwaukee, WI 53216
	NAD-27	Latitude 43:05:34.087N
	NAD-27	Longitude 87:56:49.139W

Note: According to the FCC TOWAIR database, the nearest landing area is at the Lawrence J Timmerman Airport and is 4.29 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: 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:

David McClanahan
Principal Engineer
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4201 N. 27th Street
Milwaukee, WI 53216
Voice: (414) 449-6309
Cell Phone: (414) 801-6309
Fax: (414) 449-6221

Contact person regarding this request:

David McClanahan
Principal Engineer
Eaton Corporation
4201 N. 27th Street
Milwaukee, WI 53216
Voice: (414) 449-6309
Cell Phone: (414) 801-6309:
Fax: (414) 449-6221

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.