

Time Domain Corporation
Experimental STA Request
July 3, 2000
File No. 0240-EX-ST-2000

see also 582 ST 200 *Dan*

Exhibit 3

Operational and Geographic Information

This request seeks special temporary authorization ("STA") to demonstrate prototype equipment that uses ultra wideband ("UWB") technology developed by Time Domain Corporation ("Time Domain"). The demonstration will be conducted at Time Domain's offices in downtown Washington, D.C. The devices to be demonstrated are (1) a field disturbance sensor called the RadarVision™ and (2) a laboratory evaluation device called the PulsON™ Application Demonstrator ("PAD").

The FCC has previously granted Time Domain authority to conduct demonstrations at specific events, for example, at the TechNet International 2000 held at the Washington Convention Center. By this STA request, Time Domain seeks to demonstrate equipment to interested parties that visit its offices from time to time over the next six months. If requested, Time Domain will advise the FCC or any other agency before conducting a specific demonstration under the authority requested herein. Note that operations are to be conducted indoors on the second floor of offices located in a twelve-story building.

Dates:

July 17, 2000, to January 17, 2001

Location:

Time Domain Corporation
1666 K Street, N.W., Suite 250
Washington, D.C. 20006
38-54-08 N, 77-02-16 W (NAD 83)

DUP (app'd)

All operations will be conducted indoors. According to the FCC TOWAIR database, the nearest landing area to the above coordinates is Pentagon AHP, which is 4.1 km away.

Number of units: One RadarVision unit. Two PAD units will be used to establish a communications link.

Antenna gain: Nominally 0 dB.

Radiated power: Less than -73 dBW/MHz for the RadarVision and less than -71.25 dBW/MHz for the PAD.

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:

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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 Rule Making*, released May 11, 2000.

Authority to operate at this location will facilitate the demonstration of UWB technology to interested government and non-government entities. Time Domain realizes 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 Rule Making* and that the regulations may affect any products that it designs.