

Time Domain Corporation
Experimental STA Request
June 13, 2002
File No. 0225-EX-ST-2002

Exhibit 1

Signal Description

This request seeks authority to demonstrate prototype equipment that uses the “time modulated” ultra wideband (UWB) technology developed by Time Domain Corporation (“Time Domain”). The devices to be demonstrated are:

PulsON™	The PAD is a laboratory evaluation device only and is not
Application	marketed. The PAD will use an omni-directional Time Domain
Demonstrator (PAD)	Diamond dipole antenna. Note that this antenna has virtually no
	gain across the spectrum of the transmitted signal, unlike a
	classic reference dipole designed for narrowband operation.