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OFFICE OF THE SECRETARY

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February 6, 2002

Mr. William F. Caton  
Acting Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, DC 20554

Re: ET Docket No. 98-153 / Ultra-Wideband  
*Ex Parte Notice*

Dear Mr. Caton:

On February 5, 2002, Ralph Petroff, Jeffrey Ross, Paul Withington, Jim Baker, Rachel Reinhardt, and Kneeland Youngblood of Time Domain Corporation, Richard Wiley of this firm and I met with Ed Thomas, Chief of the Office of Engineering and Technology, Bruce Franca, Deputy Chief of OET, and Julius Knapp, Deputy Chief of OET. During the meeting we discussed possible emissions masks for UWB.

For the general UWB applications, we noted that Time Domain had urged the Commission to proceed with its NPRM proposal that emissions be suppressed 12 dB below the Part 15 levels at 2 GHz. With respect to emissions falling within the GPS band, Time Domain's personnel explained that a mask that also featured a requirement that emissions in the L1 GPS band be attenuated by 20 dB below the Part 15 general limit (i.e. a field of 50 uV/m at 3 meters as measured with 1 MHz resolution bandwidth) should be feasible, albeit difficult to implement and not necessary from an interference protection standpoint. Time Domain's representatives also explained that as an additional protection, spectral lines falling within the GPS L1 band could be suppressed to a level of 28 dB below the Part 15 general limit (as measured with a 10 kHz resolution bandwidth). We also reiterated Time Domain's view that the UWB mask of general applicability should not involve more than 12 dB of reduction below the Part 15 general limits at 2 GHz if the public is to be afforded UWB devices that provide for radar, tracking, and communications.

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Ms. Maglie Roman Salas  
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Pursuant to Section 1.1206 of the Commission's Rules, 47 C.F.R. §1.1206, an original and a copy of this letter have been submitted for inclusion in the public record. Please contact me at the phone number listed above if you have any questions concerning this letter.

Respectfully,



David E. Hilliard  
Counsel for Time Domain Corporation

Encl.

cc: Messrs. Thomas, Franca, and Knapp