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JOINT ECONOMIC

United States Senate

WASHINGTON, DC 20510-0104

Docket # ET 98-153

August 23, 2000

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
445 12th Street Southwest
Washington, D.C. 20554

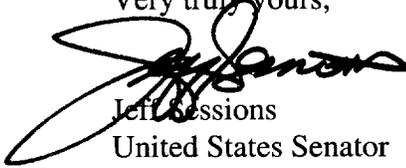
Dear Ms. Salas:

I am writing in response to the Federal Communications Commission's (FCC) Notice of Proposed Rule Making concerning ultra-wideband radio. As you know, one of the major producers of ultra-wideband devices, Time Domain, is located in Alabama. Time Domain's Time-Modulated Ultra Wideband technology (TM-UWB) enables several orders of magnitude improvement in communications, radar and position-location-tracking.

UWB technology has great potential to carry vast amounts of data, voice and video at extremely low power, providing the ultimate solution for delivering these services the "last hundred meters" and the "last ten meters" to, and within, schools, consumers' homes, and businesses in rural areas. UWB can provide wireless LAN service for schools receiving funding under the E-rate program. Importantly, UWB holds enormous promise for aviation safety applications: from ground penetrating radar to check for cracks in runways to collision avoidance systems on aircraft to augmenting GPS for precision take off and landing.

These potential benefits will greatly improve the quality of life not only for my constituents, but also for millions of Americans. I urge the FCC to move promptly in making a decision on the technical matters of UWB technology. Thank you for your time and consideration of this request.

Very truly yours,


Jeff Sessions
United States Senator

JS:jl

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