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20 November 1998

Ms. Magalie Roman Salas, Secretary
Federal Communications Commission
The Portals TW-A325
445 12th St., S.W.
Washington, DC 20554

RE: Ultra-Wideband N.O.I., ET Docket 98-153

Dear Ms. Magalie Roman Salas:

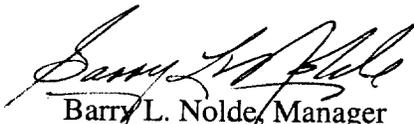
I am Barry Nolde of Quality Research, Inc. We are a Defense contractor focused on providing information technology products and services. I am the company's manager for Department of Defense automation systems.

Over the past 5 years, I have championed the potential use of ultra-wideband (UWB) communications and radar technologies in military and law enforcement applications. During that time, many senior commanders and their staffs have expressed strong support for UWB radio and radar products. This support is primarily due to ^{the} technology's inherent capabilities for stealthy operations, ability to operate in the extremely crowded frequency spectrum without interfering with conventional signaling systems, and ability to penetrate buildings and foliage.

UWB technology has the potential to significantly improve the safety of tactical users because the radios have an extremely low probability of detection and intercept. This means that adversaries cannot locate and destroy radio or radar sites in order to attack them. UWB wall penetrating radar also enables friendly forces to detect threats inside of buildings or rooms before entering to deal with them.

Based on the very real potential for military and law enforcement UWB products to save lives, request that the Federal Communications Commission modify existing rules to allow for UWB.

Sincerely,


Barry L. Nolde, Manager
Defense Automation Systems

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