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August 9, 2002

Ms Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 20554

**RE: Ex Parte Notification – ET Docket No. 98-153 Ultra-Wideband Proceeding**

Dear Ms Dortch:

This is to note that Jeff Ross and I, both of Time Domain, along with our counsel, David E. Hilliard of Wiley Rein & Fielding, met today with Julius Knapp, John Reed and Geraldine Matise all of the Office of Engineering and Technology. The purpose of the meeting was to discuss the UWB proceeding.

The enclosure reflects the discussion of issues that had been previously presented to the record.

Respectfully,  
s/Paul Withington

cc: J. Knapp, J. Reed, G. Matise (w/ enclosure)

Enclosure



# Public Safety Through-Wall Radar Needs Different Rules

Presentation to FCC OET

August 9, 2002



# Our Market Research

- U.S. DOD
  - We're the leading company & technology for DOD's through-wall imaging program
- U.S. Local
  - Nation's largest police forces, prison guards, and rescue agencies
- Others

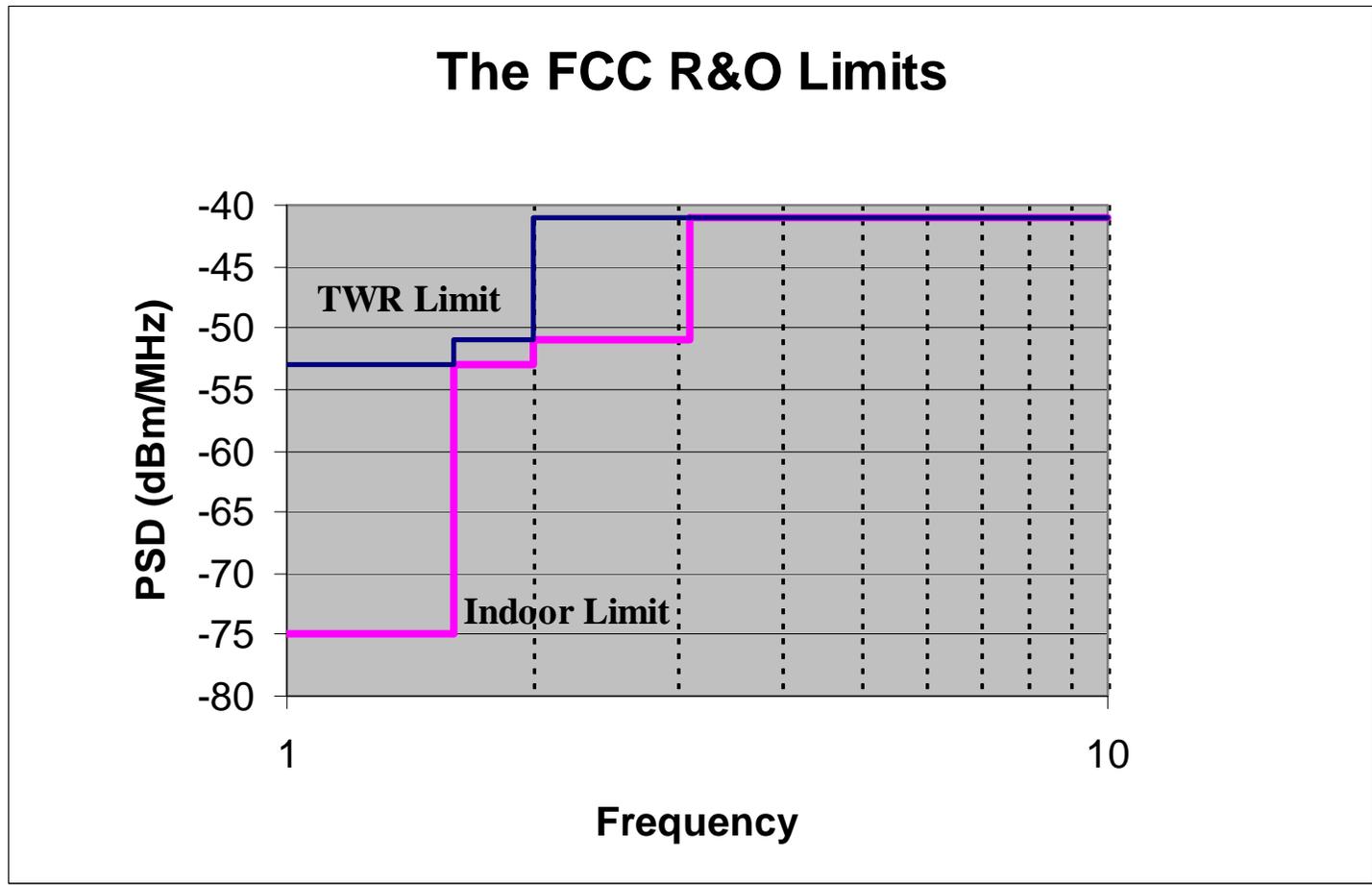
We think we have a clear understanding  
of their requirements



# RV2000 Prototype



# The First “Corner” Creates the Problem



# Solutions

- Technical
  - Higher frequency + more power
    - Constrained by PSD limit
  - Lower frequency + less resolution
    - Constrained by marketplace requirement
- Business
  - U.S. federal market & international

