

Applied Research Laboratories,
The University of Texas at Austin
Experimental STA Request
8 November 2000
File No. STA-UWB-001

Exhibit 2
Necessary Bandwidth

The necessary bandwidth for the purposes of this STA request should be considered to be 2 GHz. In the frequency domain, the signal would have a nominal center frequency at 2 GHz with energy extending 1 GHz above and below the nominal center. The necessary bandwidth for these purposes has been determined experimentally through laboratory measurements.