

ZAI/AMELEX, Inc.
Experimental STA Request
January 3, 2002
File No. 0004-EX-ST-2002

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 1.8 to 1.9 GHz with energy extending 750 MHz below and 1250 MHz above the nominal center. The necessary bandwidth for these purposes has been determined experimentally through laboratory measurements.