

Lockheed Martin Corporation
Experimental STA Request
January 18, 2002
File No. 0030-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 4.2 to 4.3 GHz and 10 dB down points of 2.5 GHz and 5.5 GHz. The necessary bandwidth for these purposes has been determined experimentally through laboratory measurements to be 3 GHz.