

Time Domain Corporation
Experimental STA Request
February 9, 2006
STA File No. 0079-EX-ST-2006
STA Confirmation No. EL755976

Exhibit 2

Necessary Bandwidth

This necessary bandwidth for the purposes of this STA request should be considered to be 2.3 GHz. In the frequency domain, the signal would have a nominal center frequency at 5 GHz with energy extending 1.15 GHz above and below the nominal center. The necessary bandwidth for these purposes has been determined through a combination of measurements and simulation.

Radiated BANDWIDTH

- a. -3 dB** 2.3 GHz on antenna boresight
- b. -20 dB** 5.51 GHz on antenna boresight
- c. -40 dB** 6.65 GHz on antenna boresight
- d. -60 dB** 7.23 GHz on antenna boresight