

EXHIBIT NO. 4

(Reference: Item No. 6)

The antenna system will consist of one steerable four-panel micropatch phased array planar antenna with sidelobe reduction fence. The antenna will be pointed vertically with electrically switched delays introduced to point it 23.5° off vertical in planes that are 90° from one another. The antenna will have a beamwidth of $\sim 9^\circ$ by 9° and ~ 26 dB of gain.

Normal operation will consist of sequential transmissions in each of three (two oblique and one vertical) or five (four oblique and one vertical) directions.