

Northrop Grumman Application for Special Temporary Authority

Northrop Grumman Systems Corporation (NGSC) in this application requests Special Temporary Authority (STA) for the purpose of testing the airborne data link capabilities of equipment listed in the application at 2.4 and 5.8 GHz frequencies.

Directional Antenna Information. The Silvus SC3800C and associated equipment employs MIMO technology to accomplish beamforming. The resulting transmit and receive beamwidth is three degrees. Orientation in the horizontal and vertical planes will be directional and vary to-and-from the airborne and fixed locations.