

## Application for Special Temporary Authority

Northrop Grumman Systems Corporation (NGSC) supplies the additional information below related to this application.

Antenna: The antenna is manufactured by Northrop Grumman, ACT IV array assembly, part no. NP307K805G01. It is a tile based, digital AESA, planar array. Antenna gain is: 14 dBi in the 420-450 MHz range; 16 dBi in the 902-928 MHz range; and 32 dBi in the 2950-3650 MHz range. Main beam width is 13.3 (degrees, azimuth, max), 105.7 (degrees, elevation, max). Both horizontal and vertical polarization will be used.