

Application for Experimental License

This application for Northrop Grumman Systems Corporation (NGSC) to use the LTE bands is to support development and demonstration of functionality for communications between compartments or external mounted pods on an Air Force tactical aircraft. This work is being performed pursuant to a U.S. Government contract, the details of which and point of contact are entered in the application. This work is a continuation of work performed as authorized under call sign WI2XPX, FCC File No. 0360-EX-ST-2020.

The use of these frequencies will be restricted to a test aircraft operating in the immediate area defined by the Ruby Fuzzy MOA, centered on Latitude 31-34-39 N and 111-19-38 W Longitude. This is in the Barry M Goldwater USAF test range. The Base Station (downlink) equipment is installed on a wing pylon pod on an Air National Guard aircraft. The User Equipment (uplink) is installed in the same aircraft cockpit. There are no communications intended or desired with any ground based communications networks. Northrop Grumman will coordinate with all related license holders prior to testing.