

**L3HARRIS TECHNOLOGIES, INC.  
FCC EXPERIMENTAL STA REQUEST  
FILE NO. 0631-EX-ST-2021**

**EXHIBIT 1 - DESCRIPTION OF EXPERIMENT**

L3Harris Technologies, Inc. ("L3Harris") hereby requests FCC experimental Special Temporary Authority for a period of 180 days to develop and test waveforms utilizing the L Band frequency range of 1790 – 1840 MHz for use in both future and current L3Harris communications equipment. Testing will occur at the L3Harris facility in Tampa, Florida.

All experimental testing will be conducted in conjunction with the development of equipment utilized by US Military forces. Accordingly, the applicable POC/Contract information is provided below.

**Applicable Government Contract(s) and POC:**

Contract Number: H92222-17-D-0021

Contract Office: USSOCOM

Contact Name: Jason Nelson

Phone Number: 813-826-0903

Email: [jason.e.nelson.civ@socom.mil](mailto:jason.e.nelson.civ@socom.mil)

L3Harris acknowledges that all experimental operations conducted in the requested bands will be on a non-interference basis. L3Harris believes that no interference issues will arise from the testing. However, to the extent necessary, L3Harris will utilize its best efforts to avoid and minimize any potential interference. Further, L3Harris will coordinate as necessary with the FCC licensee(s) in the frequency band requested herein.

Because the equipment is technically incapable of providing station identification, L3Harris respectfully requests a waiver of the station identification provisions of Section 5.115 of the Commission's rules, 47 C.F.R. § 5.115.

All network traffic will be simulated traffic only, solely for evaluation purposes and not for the purpose of providing network data communications services to user stations.

L3Harris submits that a grant of this request is necessary and in the public interest because it will advance national security efforts by contributing and assisting in the further development of communications equipment utilized by the U.S. Armed Forces.

The **stop buzzer contact** for this project is William Neely, Engineer at L3Harris, tel: (813)944-8513 email: [william.neely@l3harris.com](mailto:william.neely@l3harris.com)