

**L3HARRIS TECHNOLOGIES, INC.
FCC EXPERIMENTAL STA REQUEST
FILE NO. 2121-EX-ST-2022**

EXHIBIT I - DESCRIPTION OF EXPERIMENT

L3Harris Technologies, Inc. ("L3Harris") hereby requests FCC experimental Special Temporary Authority ("STA") to develop and test waveforms for use in both future and current L3Harris communications equipment. Testing will occur at the L3Harris facility in Palm Bay, Florida within the frequency range of 420-450 MHz.¹

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 any FCC licensee(s) authorized in the frequency band requested herein within the proposed test area.

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 STA 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 Matt Johnson, Engineer at L3Harris, tel: 585-260-6617
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¹ L3Harris acknowledges there may be required frequency notch outs within the requested range.