

L3HARRIS TECHNOLOGIES, INC.
FCC FORM 442 EXPERIMENTAL
LICENSE APPLICATION
FILE NO. 0162-EX-CN-2020

EXHIBIT I - DESCRIPTION OF EXPERIMENT

L3Harris Technologies, Inc. ("L3Harris") hereby requests an FCC experimental authorization license to develop and test waveforms for use in both future and current L3Harris communications equipment. Testing will occur at the L3Harris facility in Clifton, New Jersey.

L3Harris is submitting separate additional license requests for frequencies in which testing is proposed. Within this request L3Harris has selected the UHF band frequency ranges of 420 MHz to 450 MHz and 450 MHz to 470 MHz for the testing proposed herein.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 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 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 Craig Culleton, Engineer at L3Harris, tel: 973-284-2126 email: craig.culleton@l3harris.com

¹ L3Harris acknowledges there may be required frequency notch outs within these ranges.