

**L3HARRIS TECHNOLOGIES, INC.  
FCC FORM 442 LICENSE MODIFICATION  
FILE NO. 0241-EX-CM-2021**

**EXHIBIT 1 - EXPERIMENTAL AUTHORIZATION MODIFICATION**

L3Harris Technologies, Inc. ("L3Harris") hereby requests a license modification to its experimental authorization operating under Call Sign WL2XGR.<sup>1</sup> This authorization covers operation of an experimental ground terminal located in Palm Bay, Florida to conduct antenna testing in support of government contracts utilizing select S-band frequencies.

No technical modifications are proposed in this filing. However, L3Harris is respectfully requesting that Special Condition 9 as issued on the original authorization be removed.

Special Condition 9 reads-

*"The L3Harris Technologies earth station shall not transmit using 2096.5 MHz or 2098.5 MHz uplink frequencies when the NASA International Space Station (NORAD ID 25544 or International Spacecraft ID 1998-067A) is within horizon to horizon view of the of the Palm Bay, FL facility."*

Pursuant to further discussions following the initial issuance of the authorization, L3Harris now believes that, consistent with the public interest, this condition may be able to be limited or removed in its entirety.

As noted in the original experimental license request, L3Harris reiterates that operations will not cause harmful interference to any stations operating in accordance with the Table of Frequency Allocations and will use its best efforts to avoid and mitigate any issues that may arise. 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.

The **stop buzzer contact** for this project is Rod Nelson - Chief Engineer (Office: 321-729-2030; Mobile: 321-544-6477), e-mail: Rodney.Nelson@L3Harris.com.

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<sup>1</sup> Originally granted February 16, 2021 under FCC File No. 0726-EX-CN-2020.