

Request for Experimental Authority

Iridium Satellite LLC (“Iridium”) seeks an experimental license to transmit in the 1618.725-1626.5 MHz band from its space stations¹ to the WSERIES11 smallsat (“WSERIES11”) to be operated by Varda Space Industries Inc (“Varda”). Iridium requests that its license application be issued by December 1, 2026 to satisfy launch integration requirements, and be granted for a period of one year beginning on February 1, 2026, which leaves time to account for potential launch and other delays.

As stated in Varda’s application,² the goal of the WSERIES11 mission is to demonstrate expanded spacecraft capacity in the WSERIES spacecraft offering access to pharmaceutical processing in microgravity. An Iridium transceiver modem (model 9602-I) will be installed on the smallsat and will communicate with the Iridium constellation. Transmission from WSERIES11 will begin once deployed and cease upon completion of the mission.

There will be no change during the experiment in the operating parameters of Iridium’s space stations, which are licensed as Part 25 space stations under Call Sign S2110. For this reason, no operating parameters, other than effective radiated power and emission designator, are used in the form that this exhibit accompanies. The only change for which Iridium seeks authority is adding the WSERIES11 smallsat as a point of communication. Iridium’s Part 25 space station license does not cover space-to-space communications.

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¹ Iridium’s constellation is comprised of 66 satellites, any one of which may be used as part of the experiment at any point in time.

² See Varda Space Industries, Inc, Application Experimental Special Temporary Authority to Launch and Operate WSERIES11, OET File No. 1427-EX-ST-2026 (filed Jul. 20, 2026).