

## Modification of Experimental License Application

November 30, 2023

Tyvak Nano-Satellite Systems Inc. (“Tyvak”) herein modifies its application for experimental authority to launch and operate two identical sun-synchronous non-geostationary low earth orbit CubeSat satellites referred to as Tyvak-0261 and Tyvak-0262.<sup>1</sup> Tyvak seeks to modify its application to withdraw its request for authority to employ X-band frequencies with the two satellites. Specifically, Tyvak withdraws its request for authority for the Tyvak-0261 satellite to transmit in the 8380 MHz band and for the Tyvak-0260 satellite to transmit in the 8320 MHz band. Concurrently, Tyvak is withdrawing its request for authority for its earth station in Petaluma, California to receive X-band transmissions from the satellites using these two frequencies.

Tyvak is requesting this change to resolve an apparent concern that Tyvak’s space-to-earth operations using the 8380 MHz and the 8320 MHz bands could cause harmful interference to a NASA earth station in Monterey, California. It is Tyvak’s understanding that this concern resulted in the tabling of Tyvak’s application pursuant to the NTIA/FCC spectrum coordination process, as reflected in the following status entries:

0987-EX-CN-2022	NG	269443	TABLE	Jul 17 2023	M8380.00000	WM	2XZX
0987-EX-CN-2022	NG	269444	TABLE	Jul 17 2023	M8320.00000	WM	2XZX

For clarity, Tyvak continues to request authority to use its earth station in Petaluma, California to uplink data to the Tyvak-0261 and Tyvak-0262 satellites using the 2050 MHz center frequency. Further, all other aspects of Tyvak’s application remain unchanged.

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<sup>1</sup> See OET File Number 0987-EX-CN-2022.