

## EXHIBIT A - NARRATIVE STATEMENT

Terra Bella Technologies Inc. (Terra Bella) hereby requests Special Temporary Authority (STA)<sup>1</sup> to transmit remote-sensing and telemetry data in the 8025-8400 MHz frequency band to additional earth stations not included in Condition 6 of Terra Bella's current authority to launch and operate a constellation of commercial remote sensing satellites (FCC Call Sign S2862).<sup>2</sup> At this time, Terra Bella is operating seven satellites, SkySat-1 through SkySat-7, under this authorization.

Condition 6 permits transmission of remote-sensing and telemetry data in the 8025-8400 MHz frequency band only to and when within the line of sight of earth stations in Fairbanks, Alaska, and Tromsø, Norway. On March 17, 2017, Terra Bella filed an application to modify the authorization for FCC Call Sign S2862 to include additional satellites.<sup>3</sup> The modification application includes a request to modify Condition 6 permanently, so that it expressly permits space-to-earth downlink of remote-sensing and telemetry data in the 8025-8400 MHz band to all earth station locations approved for such transmissions under the Memorandum of Agreement between Terra Bella and the National Aeronautics and Space Administration (MOA), or any successor agreement.

Pending the requested grant of that modification request, Terra Bella hereby requests 60-day temporary authority to transmit remote-sensing and telemetry data in the 8025-8400 MHz frequency band to the following additional earth stations when within their line of sight:

- Inuvik NT, Canada (LLA: 68.32547, -133.60961, 33m)
- Svalbard, Norway (LLA: 78.22692, 15.41658, 498m)
- Troll, Antarctica (LLA: -72.01120, 2.55360, 1366m)

All three earth stations are approved for space-to-earth downlink of remote-sensing and telemetry data in the 8025-8400 MHz band under the MOA between Terra Bella and NASA, and would be used under the requested STA in compliance with the terms of that agreement.

The STA is sought for a period of 60 days commencing as soon as possible to accommodate immediate capacity needs.

Grant of this STA will serve the public interest by facilitating Terra Bella's operation of its seven high-resolution imagery satellites, which enhances competition and expands U.S. capabilities in the market for commercial remote sensing data. Terra Bella's innovative approach—using small, lightweight, and low-cost satellites—allows the company to meet the growing demand for high resolution imagery in a cost-effective, timely manner, and deployment of the proposed satellites will further enhance Terra Bella's EESS capabilities. Absent grant of the requested STA, Terra Bella will be unable to utilize the full capacity of its existing satellites to meet commercial demand.

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<sup>1</sup> See 47 C.F.R. § 25.120(b)(3).

<sup>2</sup> See Stamp Grant, IBFS File No. SAT-MOD-20150408-00019 at Condition 6 (granted Aug. 31, 2016) (limiting transmissions in the 8025-8400 MHz band to certain ground stations).

<sup>3</sup> See IBFS File No. SAT-MOD-20170317-00053.