

Public Summary of the ThumbSat Inc License to Operate a Private Remote Sensing Space System.

Effective Date: December 21, 2015

Licensee: ThumbSat Inc

The following Public Summary is submitted to NOAA for the above referenced license.

Section 1 - *The name, mailing address and telephone number of the licensee and any affiliates or subsidiaries;*

ThumbSat Inc
2801 B Street #34
San Diego, CA, 92102
United States
904-392-1938

Section 2 - *A general description of the system, its orbit(s) and the type of data to be acquired*

The ThumbSat system will utilize small constellations of non-tethered, femto-sized satellites to perform scientific experiments and place small payloads into Earth orbit for limited periods of time.

The satellites covered under this license will be used as technology demonstration hardware to verify the functionality of the designed hardware and operational systems, such as GPS, telemetry, imaging, radiation hardness and computer and memory systems.

No more than 25 satellites will be launched to an altitude of 400km, with an inclination of 51-52 degrees and an orbital period of 90 minutes. PAN Spectrum will be from 380-770nm and NIR spectrum will be 780-1,200nm.

Spacecraft diagnostics data, as well as images of the spacecraft itself or its payload will be transmitted back to the ground station network in order to verify all aspects of the satellite and ground station systems.

Section 3 - *The name and address upon whom service of all documents may be made.*

Service of all documents will be made by:

Wade VanLandingham
904-392-1938
2801 B Street #34
San Diego, CA, 92102
United States