



NOAA PUBLIC SUMMARY:

License to Operate a Private Remote Sensing Space System

System Description

The National Environmental Satellite, Data and Information Service of the National Oceanic and Atmospheric Administration (NOAA), an agency of the U.S. Department of Commerce, has granted a License to Umbra Lab Inc., (Umbra) to operate UMBRA SAR, a private, commercial, remote sensing space system.

UMBRA SAR microsattellites (<100kg) will produce large quantities of very-high resolution (0.25m x 0.10m, NESZ \leq -18 dB) Synthetic Aperture Radar (SAR) data. The nominal orbit for the UMBRA SAR microsatellite constellation is circular sun-synchronous with an altitude of 515 km.

Licensee Information

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Inquiries and Service of Documents

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