



ATLAS Space Operations, Inc.
10850 E. Traverse Highway, Suite 2225
Traverse City, Michigan 49684-1363

ATLAS Space Operations
E190253
Request for Modification

By this modification application, ATLAS seeks authority for a commercial grant to add a point of communication to the current Mojave grant, [SES-MOD-20210223-00377](#). ATLAS has provided a single Schedule B with complete technical details to facilitate the evaluation of the Capella Constellation 2-9, Call Signs: S3073, S3080, S3100, and S3137.

Frequency and Society of Broadcast Engineers coordination is in progress and will update the FCC administration as coordination completes. ATLAS understands that Capella is pending completion of coordination efforts with NASA, NOAA, and the Air Force for utilizing their frequency bands with the Mojave earth station and therefore will not transmit in these bands until this coordination effort is complete.

If you have any questions regarding the Capella Constellation please contact: Nick Barracca, Regulatory Engineer at 425.381.7105 or nick.barracca@capellaspace.com.

Additional Points of Communication

Capella 2-4, 5-6, 7-8, 9 (S3073, S3080, S3100, S3137)

(1) TT&C uplink

Center Frequency:
2036.0 MHz

Emission Designator: 1M40F1D

Polarity: RHCP

Max EIRP Per Carrier (dBW): 41

Max EIRP Density Per Carrier (dBW/4 kHz): 15.5

(2) TT&C Downlink

Center Frequency:
8027 MHz

Emission Designator: 1M40F1D

Polarity: RHCP

(3) Payload Downlink

Center Frequency:
8212 MHz

Emission Designator: 375MG1D

Polarity: RHCP

Grant of this modification will serve the public interest by facilitating efficient use of resources by satellite network operators and service providers, enabling Earth exploration satellite service (EESS) customers to focus on satellite and customer operations by minimizing deployment



ATLAS Space Operations, Inc.

10850 E. Traverse Highway, Suite 2225

Traverse City, Michigan 49684-1363

and/or management of their own additional ground infrastructure and allowing ATLAS to provide that service.

ATLAS respectfully requests that the Commission grant this modification application.