

Reason for Modification of ARCE1 FCC Experimental License

This Modification is requested because the original launch for the ARCE1 mission, which was licensed by Experimental License 0076-EX-CN-2019, did not take place. This was on the Astra DARPA Launch Challenge launcher.

A new launch has been secured. The following parameters have changed from the original application, all other values and characteristics remain the same.

- The launch will be aboard SpaceX SXR3-3. The launch window is currently scheduled between December 1, 2020 and January 1, 2021.
- The orbit will be 525 to 550 km, 97.5 degrees inclination. The ODAR has been updated to reflect this.
- The ground station has been moved approximately 7 miles from its earlier location. This is reflected in the Form 442 data, as well as in the Spacecap.
- The email and postal address for the contact at the University of Central Florida has been slightly changed.

All of the equipment and radio characteristics remain the same.