

Request to Modify Experimental License

Orbital Sciences LLC (“Orbital”) requests modification of experimental license WI2XPR, FCC File No. 0037-EX-TC-2020, for the purpose of using increased power in the 7.250-7.800 GHz portion of the 6.725-8.5 GHz band. This power is needed to integrate and test equipment in commercial communications satellites being built and tested at the Orbital facility in Dulles, Virginia. Approval of this additional authority is required to test the equipment in an in-orbit configuration at our near field range facility.

It is stressed that Orbital strives to eliminate any stray emissions from its facility while testing satellites. Orbital performs all testing inside metal buildings, shielded rooms, and/or anechoic chambers. Therefore, Orbital does not anticipate any additional coordination to be required. This license is needed in the event any stray radiation is transmitted into the local area. The parameters of the additional RF transmissions for this experimental license are provided in the application.