

Introduction

By the instant application (“Application”), Dynetics, Inc. (“Dynetics”) requests that the Commission grant Special Temporary Authority (“STA”) to permit Dynetics to operate the facilities (the “Facilities”) specified in the instant application from 05/25-11/25/2020.

Purpose and Nature of the Operation

Dynetics, headquartered in Huntsville, Alabama, delivers high-quality, high-value engineering, scientific, and information technology (IT) solutions to customers within the U.S. government and a range of other market segments. Dynetics provides complete lifecycle analysis, engineering, and hardware, to support customer missions.

Specific confidential information regarding the facilities to be tested, and the purposes of this test, are included at Confidential Exhibit 3, subject to the Confidentiality Request at Exhibit 2. Waiver of the Station ID rules set forth at Section 5.115 is respectfully requested.

Interference Mitigation

Dynetics is well aware of its obligations under Part 5 of the Commission’s rules to avoid interference to co-channel licensees in non-experimental services, and will take all steps to ensure compliance with this obligation.

The test events will be limited duration and performed infrequently. The transmitter will be placed on the roof of a building or on the ground to verify over-the-air communication operation. When placed on the building, there are superstructures on the building that exceed the antenna height.

Dynetics will coordinate radio emissions with local authorities prior to test execution if required.

Two action frequencies are requested: 425.7625 MHz and 410.1 MHz. If these frequencies are not available, Dynetics will work with the Commission to use other frequencies listed in the table below.

Channel	Frequency (MHz)
1	410.1
2	412.1
3	415.75
4	425.7625
5	430.125
6	440.275
7	455.125
8	462.1875

With respect to interference mitigation, Dynetics understands that the FAA (or other government stakeholders) may restrict radiation to certain azimuth and/or elevation sectors in order to ensure that the proposed Facilities do not pose a threat of interference to adjacent emitters. Accordingly, this is to confirm that Dynetics stands ready to work with the FAA to identify any reasonably necessary restrictions for the system.

Stop Buzzers

Dynetics advises that the following will be available by wireless (cellular) telephone and will act as “stop buzzers” if any issues regarding interference arise during testing:

Primary: 256 509 5187 – Drew Williams

Secondary: 931 993 8217 – Keith Hall

For the foregoing reasons, Dynetics respectfully submits that approval of this Application is in the public interest, convenience and necessity.