

**PAR Government Systems Corp**  
**Application for Experimental Special Temporary Authority**  
**ELS File No. 1579 EX ST 2022**  
**Confirmation No. EL664181**

**NARRATIVE STATEMENT**

Pursuant to Section 5.3(j) and Section 5.61 of the FCC’s rules, PAR Government Systems Corp. hereby respectfully requests a special temporary authority (“STA”) from October 15, 2022 to January 1, 2023 to operate in the 2200 – 2290 MHz band to operate an MPU5.

**A. Purpose of Operation and Need for Special Temporary Authority:**

The (Equipment description) has received equipment authorization from the FCC (FCC ID 2AG3J-RF5100). However, PAR Govt Sys requests this STA to allow it to test the MPU5 in specific scenarios in conjunction with customers. The STA is for testing purposes only and not for permanent installation. The testing under this STA is related to radiolocation and data communications applications.

**B. Location of Proposed Operation:**

PGSC proposes to test the radar at a fixed location within the area described below.

<b>Location</b>	<b>Coordinates (NAD83)</b>	<b>Radius of Operation</b>
Camp Roberts Monterey CA	35 46 28 120 47 7	10km

The testing is being done in conjunction with...

**C. Technical Specifications:**

**1. Frequencies Desired**

PGSC requests authorization to operate in the 2200 – 2290 MHz band.

**2. Effective Radiated Power**

The units to be deployed operate at a average transmitter power output of 5.4 W, and a peak maximum effective radiated power of 8.55W. Operations will be conducted to comply with rules relating to human exposure to radiation.

**3. Modulation and Emissions**

The MPU5 operates using BPSK modulation. The emission designator is 17M8D1D. The emissions will not extend beyond the frequency bands requested.

**4. Antenna Information**

No antennas will be mounted in a fashion that would require approval under FAA or FCC rules and regulations.

**5. Equipment To Be Used**

PGSC will conduct the testing with a maximum of 3 units.

**D. Protection Against Causing Interference:**

In the event that PGSC receives a complaint of harmful interference from the proposed operation, PGSC will take immediate action to address the interference. The company has designated Mr Herbert Bloss.(contact information below) to act as the “stop buzzer” for this purpose.

**E. Restrictions on Operation:**

PGSC recognizes that the operation of any equipment under experimental authority must not cause harmful interference to authorized facilities. Should interference occur, PGSC will take immediate steps to resolve the interference, including discontinuing operations if necessary.

In addition, PGSC will advise entities using the equipment that permission to operate has been granted under experimental authority issued to PGSC, that such operation is strictly temporary, and that the equipment may not cause harmful interference.

**F. Public Interest:**

Grant of an authorization will permit PGSC to refine its C-UAS detection system and enhance public safety.

**G. Contact Information:**

For questions, please contact: Herbert Bloss, System Engineer, 421 Ridge St Rome NY 13440, (315) 225-7736, herbbloss@gmail.com

In the unlikely event interference concerns should arise during the period of authorization requested by this application, please contact the company’s “Stop Buzzer” identified below:

Name Herb Bloss  
Address, Ridge St Rome NY 13340  
Phone number, (315) 225-7736  
Email.herbbloss@gmail.com