Exhibit Type: Narrative statement describing the government project, agency and contract number.

Agency: **United States Air Force**

Agency POC: The Contracting Officer (CO/COR) for the contract: **Amy MacDonough (amy.macdonough@us.af.mil)**

Contract Number: **FA8730-22-F-0081**

Applicant seeks approval to operate experimental radio frequency equipment (receiver and transmitter) developed by the Georgia Tech Research Institute (GTRI) in Cazenovia, New York. GTRI is contracted as University Affiliated Research Corporation (UARC) to provide and operate this RF equipment in support of USAF Research, Development, Test, and Evaluation (RDT&E) efforts. The RF equipment will be installed on an existing platform structure and operated from a fixed location. The equipment will utilize a directional antenna with a fixed pointing angle. The equipment site and antenna pointing angle will remain static for the duration of the operation. The RF emissions will cover a variety of modulation signals, including FSK, PSK, FM, and AM type with bandwidths covering the two requested frequency regions below. All modulation bandwidths are constrained to the requested frequency regions below with analog bandwidth filters. Operation of this equipment will be intermittent over the requested duration.

The purpose of this equipment is to provide a low-power external calibration source and RF repeater location to a nearby site (3 km to the West) operated by the Lockheed Martin Corporation (Call sign WM2XDB, File Number 0765-EX-CN-2021). The GTRI RF equipment will aid in the testing, calibration, and development of a Lockheed Martin system by providing an external RF reference signal. The antenna will have a fixed pointing angle to the Lockheed Martin site. The frequencies requested below are to align with the existing Lockheed Martin FCC license. GTRI is collaborating with Lockheed Martin Corporation on this USAF sponsored activity.