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Federal Communications Commission
Office of Engineering and Technology
Experimental Licensing Branch
45 L Street NE
Washington, DC 20554

TO WHOM IT MAY CONCERN,

Bravura Information Technology Systems (BITS) is integrating a persistent surveillance system to be deployed for various border security and force protection applications. The research and experimentation involves integration of sensor systems including a RADA MHR radar used to detect unmanned air systems (UAS) at ranges up to 5KM from the sensor platform. The radar has been used extensively in this application where an electromagnetic pulse is transmitted and received, processed and displayed for indication of UAS targets.

The specific objective of this experiment is to execute a demonstration of system capabilities whereby controlled UAS targets are flown in known patterns and reliable detections are made and recorded. Including the MHR radar with the suite of optical and RF sensors is a solid contributor to the utilization of the radio art since it is able to detect airborne targets that would otherwise not be visible to the user.

This memo is in response to the supplemental information required on the FCC 442 submittal on this date.

Signed,

James Ratliff
Sr Task Order Manager