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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 Telephonics RDR1700 radar used to detect moving targets at ranges up to 100KM 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 moving target indications.

The specific objective of this experiment is to execute a demonstration of system capabilities whereby controlled targets are placed in known locations and reliable detections are made. Including the radar with the suite of sensors is a solid contributor to the utilization of the radio art since it adds information (e.g. velocity) that would otherwise not be available 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