

Justification for STA for MTRIC testing 1-12 APR 2024

The MTRIC system provides a capability that will alert a vehicle to an impending aerial attack. It is comprised of a vehicle mounted, 360° S-band radar based on low-cost APS-type radars. This FCC application is being requested to support Government testing at Grayling, Michigan, 1-12 APR 2024, for a demonstration of the system capabilities.

The test event will include both static and on-the-move demonstrations of the system capability against multiple UAS target types. The targets will be flown in several different patterns, including out-and-back passes and zig-zag patterns, amongst others. Some tests will include multiple targets flying simultaneously in order to demonstrate the areal coverage provided by the system. The system will also provide real-time threat alerts to the vehicle user in order to allow for situational awareness assessment during live events.