

**Exhibit - Request for Experimental Authorization - Market Trials**

MatrixSpace, Inc. ("Applicant") hereby requests an experimental license to conduct market trials utilizing the 24.45-24.65 GHz (radionavigation) frequency. These trials would be from ground level and will allow the applicant to demonstrate and test the capabilities of its radar technology.

Demonstration horizontal direction is variable depending on the test target and can be directed at any point of the 360-degree compass and 0-90 degrees in the vertical plane.

Applicant already holds several conventional experimental licenses (under Section 5.3(j) of the Commission's Rules) and licenses to conduct market trials (under Section 5.3(k) of the Rules) in the band, as well as in other bands, which use, in some cases, somewhat more extensive power and other parameters than those proposed within this request. *See* Call Sign WM2XOM, FCC File No. 0203-EX-CM-2023; Call Sign WN2XOI, FCC File No. 0692-EX-CN-2023; and Call Sign WN2XFM, FCC File No. 1206-EX-CN-2022 ("Existing Licenses").

Applicant hereby requests FCC approval to conduct market trials for a subset of the frequencies and powers approved under the Existing Licenses, but at different locations and for the purpose of market trials under Section 5.3(k) of the Commission's Rules. Applicant proposes to test up to nine (6) devices. Applicant is in the process of finalizing its prototype and would like to confirm that the device may be deployed successfully in real-world conditions. These trials will be used to model potential applications and otherwise enhance potential product offerings (including radiolocation and radionavigation offerings) for the device, subject, of course, to further Commission approvals as needed.

Applicant proposes to test up to six (4) devices pursuant to this requested license. The proposed partner will use these devices to develop and evaluate a system for a prison security system to detect unauthorized unmanned aerial vehicle intrusions and unauthorized ground intrusions to the perimeter of the prison. The applicant will work with the proposed partner to develop a set of guidelines, including those addressing compliance with FCC requirements and conditions.

Applicant understands that it only may lease equipment to trial participants, unless those participants also obtain an experimental authorization for this test (and, to the extent necessary, hereby requests approval to market and/or lease such devices to such participants, as otherwise approved herein). Because approval of the proposed license will contribute to the development of new technology, the proposed license is consistent with the public interest.

Applicant does not believe the market trials detailed herein will result in any harmful interference. However, in the unlikely event any interference issues arise pursuant to operations under this experimental license, the stop buzzer contact is Dan Nobbe, reachable at 815-404-6656 and [dan.nobbe@matrixspace.com](mailto:dan.nobbe@matrixspace.com).