

MatrixSpace, Inc.
Experimental License Modification
WM2XOM
FILE NO. 0028-EX-CM-2023
February 2023

EXHIBIT I - PURPOSE OF MODIFICATION REQUEST

MatrixSpace, Inc. ("MatrixSpace") hereby submits this modification request to its FCC experimental authorization operating under FCC Call Sign WM2XOM. The existing experimental license provides authority to conduct experimental testing on the frequencies of 22.5 - 23.6 GHz, 24.05 - 24.25 GHz, and 24.45 - 24.65 GHz within a 1 kilometer radius of the following four locations:

Station Locations

- (1) MOBILE: Burlington, MA, within 1 km, centered around NL 42-28-42; WL 71-11-28**
- (2) MOBILE: Hoffman Estates, IL, within 1 km, centered around NL 42-02-37; WL 88-08-28**
- (3) MOBILE: Campbell, CA, within 1 km, centered around NL 37-17-18; WL 121-56-29**
- (4) MOBILE: Spring Hill, FL, within 1 km, centered around NL 28-19-49; WL 82-29-47**

This modification seeks to increase the authorized radius for station location 1 located in Burlington, MA from 1 kilometer to 3.5 kilometers and to increase the authorized radius for station location 2 located in Hoffman Estates, IL from 1 kilometer to 6.0 kilometers. No other changes are proposed.

MatrixSpace acknowledges that its operations will be on a non-interference basis and believes that no harmful interference to any FCC licensees will occur. However, to the extent necessary MatrixSpace will use its best efforts to avoid and minimize any potential interference. MatrixSpace further recognizes that if any interference to existing licensed stations occurs, any testing will be subject to immediate shut down. Because the equipment is technically incapable of providing station identification, Comtech respectfully requests a waiver of the station identification provisions of Section 5.115 of the Commission's rules, 47 C.F.R. § 5.115.

MatrixSpace will continue to adhere to any Special Conditions placed on the permanent experimental license.

The stop buzzer contact for this project remains Dan Nobbe at MarixSpace, tel: (815)404-6656, e-mail: dan.nobbe@matrixspace.com