

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WT9XVQ

(Call Sign)

XT MO

(Class of Station)

1095-EX-ST-2023

(File Number)

NAME Elbit System of America

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Demonstration of helmet mounted displays systems using inputs from radar and FLIR sensors for terrain mapping, obstacle and avoidance in degraded visual environments.

Station Locations

- (1) MOBILE: Meacham Airport, Fort Worth, TX, Below 3k' AGL, within 400 km, centered around NL 32-49-12; WL 97-21-36

Frequency Information

MOBILE: Meacham Airport, Fort Worth, TX, Below 3k' AGL, within 400 km, centered around NL 32-49-12; WL 97-21-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.05-24.25 GHz	MO	100MF1N	10 W (ERP)	50 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.

This authorization effective June 16, 2022 and will expire 3:00 A.M. EST December 17, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) This is for experimental purpose only and does not permit operational service to any government agency.
- (4) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Elbit System of America should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
- (5) The 24.0-24.05 GHz band must be excluded from operation.
- (6) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (7) NTIA NOTES SINCE THE 24.05-24.25 GHZ IS AN ISM BAND, THE PROPONENT SHOULD CONSIDER FOR FUTURE DEVELOPMENT A FREQUENCY BAND THAT IS PROTECTED.