

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

EXPERIMENTAL

(Nature of Service)

WI9XZS

(Call Sign)

XT MO

(Class of Station)

0256-EX-ST-2016

(File Number)

NAME Thales Defense & Security Inc

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:

We will be conducting test in the 16.2 to 17.25 GHz range.

Station Locations

(1) MOBILE: Ajo, AZ, within 215 km, centered around NL 32-22-23; WL 112-51-48

Frequency Information

MOBILE: Ajo, AZ, within 215 km, centered around NL 32-22-23; WL 112-51-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.25 GHz	MO	1G05Q3N	100 W (ERP)	0.001 %

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective April 01, 2016 and
will expire 3:00 A.M. EST September 02, 2016

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) To ensure RFI is not experienced by Army operations supporting the AN/ZPY-1 and 1A radars, which are used on UAS operating out of Fort Huachuca on a near daily basis, use of this system within the R-2303 airspace is not authorized unless prior coordination with DoD AFC AZ (520- 538-6423) is affected.
- (4) Use within the R-2303 is not assured, despite coordination with DoD AFC AZ, due to regular and near daily airborne radar training requirements within the airspace.