

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

EXPERIMENTAL

(Nature of Service)

WN9XHK

(Call Sign)

XT MO

(Class of Station)

1098-EX-ST-2018

(File Number)

NAME Advanced Technology Systems Company

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:

Testing of Aerostar Technical Solutions, formerly Vista Research, Inc, radar at integration facilities in Gilbert AZ and on an Aerostat at TCOM facility in Elizabeth City NC

Station Locations

- (1) MOBILE: within a 90 km radius of Gilbert Az, within 90 km, centered around NL 33-21-20; WL 111-49-32
- (2) MOBILE: TCOM MFTF Launch Pad, Elizabeth City NC, within 2 km, centered around NL 36-13-59; WL 76-07-59

Frequency Information

MOBILE: within a 90 km radius of Gilbert Az, within 90 km, centered around NL 33-21-20; WL 111-49-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-9.5 GHz	MO	65M0P0N	35.31 MW (ERP)	

This authorization effective August 03, 2018 and
will expire 3:00 A.M. EST February 03, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: TCOM MFTF Launch Pad, Elizabeth City NC, within 2 km, centered around NL 36-13-59; WL 76-07-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-9.5 GHz	MO	65M0P0N	35.31 MW (ERP)	

Special Conditions:

- (1) Applicant should be aware that the band 9.3-9.5 GHz is allocated for use by several federal services, and it should have no expectations of automatic approval in this band in future submissions.
- (2) Advanced Technology Systems Company must not operate on the following frequency:

9.355 GHz (+/- 2.7 MHz) at Gila Bend, AZ