

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

EXPERIMENTAL

(Nature of Service)

WM9XSK

(Call Sign)

XT MO

(Class of Station)

0849-EX-ST-2018

(File Number)

NAME The Boeing 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:

SATELLITE TERMINAL TESTING

Station Locations

- (1) MOBILE: WHITE SANDS MISSILE RANGE UP TO 62K FT, White Sands, NM, within 700 km, centered around NL 33-15-00; WL 106-30-00

Frequency Information

MOBILE: WHITE SANDS MISSILE RANGE UP TO 62K FT, White Sands, NM, within 700 km, centered around NL 33-15-00; WL 106-30-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20.2-21.2 GHz	MO	11M3M1D 2M20M1D	19054.60718 W (ERP)	
30-31 GHz	MO	11M3M1D	15848.931925 W (ERP)	

This authorization effective May 31, 2018 and
will expire 3:00 A.M. EST December 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



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WL 106-30-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-31 GHz	MO	2M20M1D	30199.517204 W (ERP)	

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) The designated point-of-contact to terminate the system if interference occurs is Rahat Moin at (562) 221-1521 or Boeing 24 hour NOC hotline: (855) 556-1001.
- (3) POINT-OF-COMMUNICATIONS: Inmarsat-5 F2 (I5-F2)
- (4) The Boeing Company must coordinate with the Fixed Microwave Service licensees prior to operation in 30000-31000 MHz band.
- (5) The Boeing Company operations must be scheduled as a WSMR Range mission, through the appropriate WSMR Range sponsor. Final authorization to radiate shall be contingent upon successful scheduling and de-confliction of both spectrum and airspace, with other area-wide operations.
- (6) The Boeing Company must notify NMSC via email to Richard.ontiveros1@navy.mil and keith.k.jones@navy.mil, 48 hours prior to activation.
- (7) All Boeing testing granted shall be conducted IAW the configuration and parameters that Boeing coordinated with Air Force (Jimmy Nguyen) for this STA.
- (8) The emissions designators listed in this grant are approved for the stated occupied bandwidth only. Occupied bandwidths that are less than the above emissions are not authorized.
- (9) This STA is limited to 6 months and is subject to re-coordination with Air Force (Jimmy Nguyen, jimmy.nguyen@us.af.mil).
- (10) As soon as possible but no later than 3 business days prior to any planned testing, Boeing is required to provide Jimmy Nguyen (Email: jimmy.nguyen@us.af.mil, AFSMO) and Travis J. Inghram (Email: travis.j.ingram.civ@mail.mil, ARSTRAT) with the planned testing date/duration and the stop buzzer POC for the testing. If planned testing conflicts with DoD operations, additional evaluations and/or restrictions will be required.