

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WI2XSC

(Call Sign)

XT MO

(Class of Station)

0029-EX-CM-2019

(File Number)

NAME Blue Origin

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Flight up to 400,000 feet MSL, Van Horn, TX, within 8.4 km, centered around NL 31-27-06; WL 104-45-46

Frequency Information

MOBILE: Flight up to 400,000 feet MSL, Van Horn, TX, within 8.4 km, centered around NL 31-27-06; WL 104-45-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.2 MHz	MO	200KF1W 20K0F1W	20 W (ERP)	
401.8 MHz	MO	200KF1W 20K0F1W	20 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective March 22, 2019 and
will expire 3:00 A.M. EST March 23, 2019

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COMMISSION**



Special Conditions:

- (3) The designated point-of-contact to terminate the system if having interference occurs is Rodney Saylor at 253-437-9386.
- (4) During transmission, aircraft shall not exceed the altitude listed in the circuit remarks field 400,000 FT AGL.
- (5) Airborne operation must be scheduled with the DoD area frequency coordinator (DOD-AFC), at WHITE SANDS MISSILE RANGE, via email to USARMY.WSMR.IMCOM-CENTRAL.LIST.DODAFRC(AT)MAIL.MIL, at least 96 hours prior to airborne activation.