

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

EXPERIMENTAL

(Nature of Service)

WE2XIH

(Call Sign)

XT      FX MO

(Class of Station)

0236-EX-ML-2011

(File Number)

NAME Blue Origin, LLC

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(d h) of the Commission's Rules

Station Locations

- (1) MOBILE: Downlink at an altitude varying from 30 feet AGL to 350,000 feet AGL, Van Horn, TX, within 8.4 km, centered around NL 31-25-23; WL 104-45-26
- (2) Van Horn (CULBERSON), TX - NL 31-25-23; WL 104-45-26; MOBILE: Uplink, Van Horn, TX, within 40 km, centered around NL 31-25-23; WL 104-45-26
- (3) MOBILE: Van Horn, TX, within 38 km, centered around NL 31-25-23; WL 104-45-26

Frequency Information

MOBILE: Downlink at an altitude varying from 30 feet AGL to 350,000 feet AGL, Van Horn, TX, within 8.4 km, centered around NL 31-25-23; WL 104-45-26

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 2202 MHz  | MO            | 2M00F1D<br>4M00M2D  | 4 W (ERP)        |                           |
| 2250 MHz  | MO            | 2M00F1D<br>4M00M2D  | 4 W (ERP)        |                           |

This authorization effective December 01, 2011 and  
will expire 3:00 A.M. EST October 01, 2012

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Van Horn (CULBERSON), TX - NL 31-25-23; WL 104-45-26; MOBILE: Uplink, Van Horn, TX, within 40 km, centered around

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2069.1 MHz | MO            | 1M00F1D<br>4M00M2D  | 2500 W (ERP)     |                           |

MOBILE: Van Horn, TX, within 38 km, centered around NL 31-25-23; WL 104-45-26

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2069.1 MHz | MO            | 4M00M2D             | 2200 W (ERP)     |                           |
| 2202 MHz   | MO            | 4M00M2D             | 2 W (ERP)        |                           |
| 2250 MHz   | MO            | 4M00M2D             | 2 W (ERP)        |                           |

## Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.