

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WL2XTM

(Call Sign)

0333-EX-CN-2021

(File Number)

NAME Omnispace 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(J) of the Commission's Rules

Station Locations

(1) Carlsbad, CA - NL 33-08-05; WL 117-16-46

Frequency Information

Carlsbad, CA - NL 33-08-05; WL 117-16-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2000.2-2014.9 MHz	FX	25K0G1D 5K00G1D	2 W (ERP)	0.001 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) This is for experimental purpose only and does not permit commercial service or market access.
- (4) Licensee is authorized to conduct tests on two "Vulcan Wireless" In the 2000.2-2014.9 MHz Band via Omnispace LLC's F2 non-geostationary orbit satellite
- (5) Point of Communication: Omnispace LLC's F2 non-geostationary orbit ("NGSO") satellite (operates under the notified administration of Papua New Guinea)

This authorization effective June 10, 2021 and
will expire 3:00 A.M. EST June 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (6) Prior to commencing any operations in the 2000-2010 MHz frequency band, experimental licensee must notify licensee of GAMMA ACQUISITION L.L.C. (Call sign E060430, POC/Satellite: S2633. Name: Ms. Allison Minea, Phone Number: 202-293-1216, E-Mail: alison.minea@dish.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (7) Prior to commencing any operations in the 2010-2020 MHz frequency band, experimental licensee must notify licensee of DBSD Services Limited. (Call sign E070272, POC/Satellite: S2651. Name: Ms. Allison Minea, Phone Number: 202-293-1216, E-Mail: alison.minea@dish.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (8) Licensee must secure consents from the Advanced Wireless Service licensees in the proposed area prior to accessing to the frequency range from 2000.2 MHz to 2014.9 MHz.