Ms. Margo R. Deckard, 510 N Washington St, Suite 200, Falls Church, VA 22046,

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

EXPERIMENTAL	WL2XOT
(Nature of Service)	(Call Sign)
XD FX MO	0088-EX-CN-2021
(Class of Station)	(File Number)

NAME Lynk Global, Inc.

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) MOBILE: United States & Territories
(2) MOBILE: NGSO satellite at 500 km altitude inclined 97 deg.
(3) Oahu, HI - NL 21-20-12; WL 158-05-25
(4) Dublin, OH - NL 40-06-00; WL 83-12-00
(5) Boardman, OR - NL 45-51-00; WL 119-37-48

Frequency Information

MOBILE: United States & Territories

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824.2-848.8 MHz	MO	200KG7W	9.66 W (ERP)	0.00001 %
824.2-848.8 MHz	MO	180KG7W	0.97 W (ERP)	0.00001 %
824.2-848.8 MHz	MO	200KG7W	0.97 W (ERP)	0.00001 %

This authorization effective May 21, 2021 and
will expire 3:00 A.M. EST June 01, 2023

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

MOBILE: United States & Territories

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824.2-848.8 MHz	MO	180KG7W	0.1 W (ERP)	0.00001 %

MOBILE: NGSO satellite at 500 km altitude inclined 97 deg.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869.2-893.8 MHz	MO	200KG7W 1M08G7W 2M70G7W 4M50G7W 9M00G7W	1452.11 W (ERP)	0.00001 %
1615 MHz	MO	2M50G1D	0.19 W (ERP)	0.001 %
1616.265 MHz	MO	1M23G1W	2.09 W (ERP)	0.0005 %
2260 MHz	MO	563KG1D 675KG1D	2.1 W (ERP)	0.00001 %

Oahu, HI - NL 21-20-12; WL 158-05-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2080 MHz	FX	563KG1D 675KG1D	12171.7 W (ERP)	0.00001 %

Frequency Information

Dublin, OH - NL 40-06-00; WL 83-12-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2080 MHz	FX		12171.7 W (ERP)	0.00001 %
		563KG1D		
		675KG1D		

Boardman, OR - NL 45-51-00; WL 119-37-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2080 MHz	FX		12171.7 W (ERP)	0.00001 %
		563KG1D		
		675KG1D		

Special Conditions:

(1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.

(2) Upon receipt of a conjunction warning from the JSpOC or other source, the licensee must review the warning and take all possible steps to assess and, if necessary, to mitigate collision risk, including, but not limited to: contacting the operator of any active spacecraft involved in such warning; sharing ephemeris data and other appropriate operational information with any such operator; modifying spacecraft attitude and/or operations.

(3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

(4) 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.

(5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

(6) Prior to commencing any operations in the frequencies below, Lynk Global, Inc. must obtain consent from the following within 50 miles of the contours of the testing area:
• Cellular licensees (824-849 MHz/869-894 MHz)

Special Conditions:

(7) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator in 2079.4184-2080.2818 MHz band. Consult the list at http://sbe.org/wp-content/uploads/freqcoor.pdf to find the appropriate coordinator.

(8) Coordinate with the Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to operation in 2079.4184-2080.2818 MHz band.

(9) POINT OF COMMUNICATION: Shannon Satellite.

(10) Lynk Global, Inc. shall provide Stop Buzzer POCs for the Shannon satellite and supporting earth stations to the NASA JSC Spectrum Management Office (JSC-DL-SPECTRUM-MANAGEMENT@MAIL.NASA.GOV) and Air Force (Jimmy.Nguyen@us.af.mil). Any changes to the Stop Buzzer POCs shall be immediately communicated.

(11) Lynk Global, Inc. shall immediately notify the NASA JSC Spectrum Management Office (JSC-DL-SPECTRUM-MANAGEMENT@MAIL.NASA.GOV) in the event a spacecraft anomaly prevents termination of the Shannon satellite transmission in the 2200-2290 MHz band.

(12) All transmissions in the band 2200-2290 MHz shall comply with national and international power flux density limits, unless otherwise coordinated with the NTIA and federal agencies. PFD analysis shall be submitted with the FCC application and provided to the NTIA for US Government review.

(13) Transmissions from foreign earth stations to the Shannon satellite shall obtain the appropriate regulatory license from the respective foreign administrations prior to operations.

(14) Lynk Global, Inc. shall coordinate the addition of any earth station location operating in the 2025-2110 MHz or 2200-2290 MHz bands not specifically identified in Condition 3 (including earth station locations outside the US&P) with the NTIA and federal agencies prior to submitting regulatory applications for operation.

(15) Earth station transmissions using a frequency of 2080.0 MHz shall cease operation when the NASA International Space Station (NORAD designation 25544 or International Spacecraft ID 1998-067A) is within 15 degrees of the earth station antenna boresight. Lynk Global, Inc. assumes full responsibility for ensuring each supporting earth station complies with this requirement, and Lynk Global, Inc. shall notify the NASA JSC Spectrum Management Office (JSC-DL-SPECTRUM-MANAGEMENT@MAIL.NASA.GOV) a minimum of 7 days in advance of any planned satellite contacts that are expected to require mitigation as a result of this requirement

(16) Lynk Global, Inc. operations using the 2025-2110 MHz or 2200-2290 MHz frequency bands shall be strictly limited to durations when the Lynk the World satellite is visible to the earth station locations coordinated with federal agencies, as listed below:
a. Dublin, Ohio
b. Boardman, Oregon
c. Kapolei, Oahu, Hawaii
d. Torri Brianche, Italy
e. Dublin, Ireland

(17) Transmissions from the Shannon satellite in the 2200-2290 MHz band shall be limited to a single frequency of 2260.0 MHz and transmissions from earth stations supporting the Shannon satellite in the 2025-2110 MHz band shall be limited to a single frequency of 2080.0 MHz.

Special Conditions:

(18) All operations are on a strict non-interference basis to authorized federal users. Lynk Global, Inc. shall be aware that requests for operation in the 2025-2110 MHz and 2200-2290 MHz bands are considered on a case-by-case basis, and Lynk Global, Inc. shall have no expectations that future requests, including requests for renewal, will be approved.