

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WK2XXS

(Call Sign)

0270-EX-CN-2020

(File Number)

NAME Voxa

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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: Aboard the International Space Station (ISS).
- (2) MOBILE: Aboard the International Space Station (ISS).

Frequency Information

MOBILE: Aboard the International Space Station (ISS).

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2480 MHz	MO	20M0W7D	53.237 mW (ERP)	
2402-2480 MHz	MO	20M0W7D	19.826 mW (ERP)	
2412-2462 MHz	MO	20M0W7D	110.145 mW (ERP)	
5260-5320 MHz	MO	20M0W7D	37.449 mW (ERP)	

This authorization effective May 18, 2020 and
will expire 3:00 A.M. EST June 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Aboard the International Space Station (ISS).

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5270-5310 MHz	MO	20M0W7D	65.353 mW (ERP)	
5290 MHz	MO	20M0W7D	45.159 mW (ERP)	
5500-5700 MHz	MO	20M0W7D	27.169 mW (ERP)	
5510-5670 MHz	MO	20M0W7D	59.478 mW (ERP)	
5530 MHz	MO	20M0W7D	50.667 mW (ERP)	
5745-5825 MHz	MO	20M0W7D	31.208 mW (ERP)	
5755-5795 MHz	MO	20M0W7D	56.908 mW (ERP)	
5775 MHz	MO	20M0W7D	48.464 mW (ERP)	

MOBILE: Aboard the International Space Station (ISS).

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2480 MHz	MO	20M0W7D	12.996 mW (ERP)	

Frequency Information

MOBILE: Aboard the International Space Station (ISS).

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2480 MHz	MO	20M0W7D	12.476 mW (ERP)	
2412-2462 MHz	MO	20M0W7D	80.576 mW (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.
- (3) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (4) The applicant must coordinate with the Society of Broadcast Engineers frequency coordinator prior to operation in 2402-2480 MHz and 2412-2462 MHz bands.
- (5) Operation is subject to prior coordination with NASA.
- (6) Stop buzzers, Christopher Own at 415-858-0393 and Theodore De Rego at 808-769-0487.
- (7) Non-approved equipment must be retrieved.
- (8) Non-approved equipment must be labeled.