

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WQ9XLF

(Call Sign)

XT MO

(Class of Station)

0515-EX-ST-2020

(File Number)

NAME World View Enterprises

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Testing radio links in a stratospherice balloon

Station Locations

- (1) MOBILE: AZ & NM, centered around NL 32-05-08; WL 110-56-35
- (2) MOBILE: AZ & NM: airborne max altitude 80,000 ft. AGL, centered around NL 32-05-08; WL 110-56-35

Frequency Information

MOBILE: AZ & NM, centered around NL 32-05-08; WL 110-56-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2483 MHz	MO	20M0D7W	1225.3 W (ERP)	

This authorization effective May 11, 2020 and
will expire 3:00 A.M. EST October 24, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: AZ & NM: airborne max altitude 80,000 ft. AGL, centered around NL 32-05-08; WL 110-56-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2483 MHz	MO	20MOD7W	15.4 W (ERP)	

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Area Frequency Coordinator, WSMR, NM, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC, WSMR, NM, as necessary to ensure compatibility with the existing uses.
- (2) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Area Frequency Coordinator, Ft. Huachuca, AZ, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC, Ft. Huachuca, as necessary to ensure compatibility with existing uses.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (5) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (6) World View Enterprises may not operate in the 2200 - 2305 MHz band due to harmful interference to multiple federal agency operations.
- (7) World View Enterprises must coordinate and schedule all operations at least 96 hours prior to activation, with the DoD AFC-WSMR office via e-mail to usarmy.wsmr.imcom-central.list.dodafc@mail.mil. Final authority to radiate is contingent upon successful scheduling and de-confliction, of both airspace and spectrum with other area operations.
- (8) World View Enterprises must coordinate operations with the National Science Foundation, Mr. Dan Mertely, nrao-rfi@nrao.edu, (575)835-7128.
- (9) World View Enterprises may not use 2.4 GHz for command and control purposes; payload data operations are acceptable.
- (10) All operations must be coordinated and scheduled with the DoD AFC-WSMR office at least 96 hours prior to operations, via e-mail to usarmy.wsmr.imcom-central.list.dodafc@mail.mil.

Final authority to radiate is contingent upon successful scheduling and de-confliction, of both airspace and spectrum with other area operations.