

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

EXPERIMENTAL

(Nature of Service)

WL9XGO

(Call Sign)

XT FX MO

(Class of Station)

0560-EX-ST-2017

(File Number)

NAME World View

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:

The purpose of the operation is to send command signals to a stratospheric balloon and to receive telemetry down from the balloon.

Station Locations

- (1) Tucson (PIMA), AZ - NL 32-05-17; WL 110-56-33
- (2) MOBILE: Tucson, AZ: along a highway near the peak of the mountain, within 3.2 km, centered around NL 32-27-03; WL 110-47-10
- (3) MOBILE: Tucson, AZ: max altitude 80,000 feet AGL, within 320 km, centered around NL 32-05-17; WL 110-56-33
- (4) MOBILE: Tucson, AZ, within 320 km, centered around NL 32-05-17; WL 110-56-33

Frequency Information

Tucson (PIMA), AZ - NL 32-05-17; WL 110-56-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	1M40F1D	15.3 W (ERP)	
2.42-2.443 GHz	FX	2M00F1D 4M00F1D	20.2 W (ERP)	

This authorization effective May 29, 2017 and
will expire 3:00 A.M. EST July 15, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tucson (PIMA), AZ - NL 32-05-17; WL 110-56-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.42-2.443 GHz	FX	8M00F1D	20.2 W (ERP)	
2.42-2.443 GHz	FX	8M00F1D 4M00F1D 2M00F1D	3.7 kW (ERP)	
2.463-2.478 GHz	FX	8M00F1D 4M00F1D 2M00F1D	20.2 W (ERP)	
2.463-2.478 GHz	FX	2M00F1D 4M00F1D 8M00F1D	3.7 kW (ERP)	

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2.42-2.443 GHz	MO	2M00F1D 4M00F1D 8M00F1D	20.2 kW (ERP)	
2.463-2.478 GHz	MO	2M00F1D 4M00F1D 8M00F1D	20.2 kW (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.42-2.443 GHz	MO	2M00F1D 4M00F1D 8M00F1D	20.2 W (ERP)	
2.463-2.478 GHz	MO	8M00F1D 4M00F1D 2M00F1D	20.2 W (ERP)	

MOBILE: Tucson, AZ, within 320 km, centered around NL 32-05-17; WL 110-56-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	1M40F1D	15.3 W (ERP)	
2.42-2.443 GHz	MO	2M00F1C 4M00F1D 8M00F1D	3.7 kW (ERP)	
2.463-2.478 GHz	MO	8M00F1D 4M00F1D 2M00F1C	3.7 kW (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.

Special Conditions:

- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) World View must not utilize the frequencies listed below to protect Department of Interior operations in the area.

2410 MHz +/- 10 MHz

2453 MHz +/- 10 MHz