

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WN9XXY

(Call Sign)

0034-EX-ST-2019

(File Number)

NAME Maris Developments

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 proposed STA will support the Applicants joint testing with local Broadcasters to document non-interference with shared S-band frequencies in the area of operation around the Oregon earth

Station Locations

(1) Boardman (MORROW), OR - NL 45-51-17; WL 119-37-55

Frequency Information

Boardman (MORROW), OR - NL 45-51-17; WL 119-37-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2051.34-2052.66 MHz	FX	0M00N0N	1000 W (ERP)	
2052 MHz	FX	1M32G1D 1M32G1D	1000 W (ERP)	
2085.0275-2086.3475 MHz	FX	1M32G1D	1000 W (ERP)	

This authorization effective February 12, 2019 and
will expire 3:00 A.M. EST August 08, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Boardman (MORROW), OR - NL 45-51-17; WL 119-37-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2085.0275-2086.3475 MHz	FX	1M32G1D	1000 W (ERP)	
2085.6875 MHz	FX	1M32G1D	1000 W (ERP)	
		1M32G1D		

Special Conditions:

- (1) In lieu of frequency tolerance, 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) 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.
- (4) Testing operations in the 2085.0275-2086.3475 MHz frequency band or while using a frequency of 2085.6875 MHz shall not occur when the NASA International Space Station (ISS) (NORAD designation 25544 or international spacecraft ID 1998-067A) is within the horizon to horizon view of the Maris Developments' facility in Boardman, OR.
- (5) Maris Developments will take full responsibility for accounting for the ISS orbital position to avoid transmitting while it is within view.
- (6) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.