

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

EXPERIMENTAL

(Nature of Service)

WP9XNS

(Call Sign)

XT FX

(Class of Station)

1818-EX-ST-2019

(File Number)

NAME AST Telecom d/b/a BlueSky Wireless

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:

BlueSky seeks to assess the propagation characteristics and real-world throughput of wireless operations in the 3550 - 3700 MHz CBRS band.

Station Locations

- (1) Pago Pago, AS - SL 14-19-16; WL 170-46-00
- (2) Pago Pago, AS - SL 14-20-31; WL 170-43-45
- (3) Pago Pago, AS - SL 14-20-16; WL 170-44-25
- (4) Pago Pago, AS - SL 14-19-58; WL 170-43-36

Frequency Information

Pago Pago, AS - SL 14-19-16; WL 170-46-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	5M00W7D 40M0W7D	70 W (ERP)	

This authorization effective October 30, 2019 and
will expire 3:00 A.M. EST April 30, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Pago Pago, AS - SL 14-20-31; WL 170-43-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	10M0X1D 40M0X1D	31 W (ERP)	

Pago Pago, AS - SL 14-20-16; WL 170-44-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	5M00X1D 40M0X1D	31 W (ERP)	

Pago Pago, AS - SL 14-19-58; WL 170-43-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	5M00X1D 40M0X1D	31 W (ERP)	

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) AST Telecom d/b/a BlueSky Wireless must maintain operation separation from grandfathered earth stations as defined in Part 90, Sub-part Z, or coordinate an agreement with grandfathered earth station licensees prior to operation in 3550-3700 MHz band.
- (3) AST Telecom d/b/a BlueSky Wireless must consult the ULS database to ensure that its planned operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users of its planned operation in the proposed geographic area.