

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

EXPERIMENTAL

(Nature of Service)

WN9XIS

(Call Sign)

XT FX MO

(Class of Station)

0008-EX-ST-2019

(File Number)

NAME Airspan Networks

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:

Research, development and testing of an LTE-based air-to-ground system (DA2G) that will provide broadband connectivity and internet service to aircraft during flights.

Station Locations

- (1) MOBILE: 50 km radius of base location, within 50 km, centered around NL 28-06-50; WL 80-41-26
- (2) MOBILE: within 50 km of Witham Field, within 50 km, centered around NL 27-10-35; WL 80-13-34
- (3) MOBILE: within 50 km of fixed location, within 50 km, centered around NL 26-23-41; WL 80-06-01
- (4) Melbourne, FL - NL 28-06-50; WL 80-41-26
- (5) Melbourne, FL - NL 28-06-50; WL 80-41-26
- (6) Melbourne, FL - NL 28-06-50; WL 80-41-26
- (7) Melbourne, FL - NL 28-06-29; WL 80-39-01
- (8) Stuart, FL - NL 27-10-35; WL 80-13-34
- (9) Stuart, FL - NL 27-10-35; WL 80-13-34
- (10) Stuart, FL - NL 27-10-35; WL 80-13-34
- (11) Boca Raton, FL - NL 26-23-41; WL 80-06-01
- (12) Boca Raton, FL - NL 26-23-41; WL 80-06-01
- (13) Boca Raton, FL - NL 26-23-41; WL 80-06-01
- (14) MOBILE: 5 km radius of base location, within 5 km, centered around NL 28-06-29; WL 80-39-01

This authorization effective March 06, 2019 and
will expire 3:00 A.M. EST August 06, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 50 km radius of base location, within 50 km, centered around NL 28-06-50; WL 80-41-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	MO	10M0G7W	12 W (ERP)	

MOBILE: within 50 km of Witham Field, within 50 km, centered around NL 27-10-35; WL 80-13-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	MO	10M0G7W	12 W (ERP)	

MOBILE: within 50 km of fixed location, within 50 km, centered around NL 26-23-41; WL 80-06-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	MO	10M0G7W	12 W (ERP)	

Melbourne, FL - NL 28-06-50; WL 80-41-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

Frequency Information

Melbourne, FL - NL 28-06-50; WL 80-41-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

Melbourne, FL - NL 28-06-50; WL 80-41-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

Melbourne, FL - NL 28-06-29; WL 80-39-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

Stuart, FL - NL 27-10-35; WL 80-13-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

Frequency Information

Stuart, FL - NL 27-10-35; WL 80-13-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

Stuart, FL - NL 27-10-35; WL 80-13-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

Boca Raton, FL - NL 26-23-41; WL 80-06-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

Boca Raton, FL - NL 26-23-41; WL 80-06-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

Frequency Information

Boca Raton, FL - NL 26-23-41; WL 80-06-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	FX	10M0G7W	20 W (ERP)	

MOBILE: 5 km radius of base location, within 5 km, centered around NL 28-06-29; WL 80-39-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2390-2400 MHz	MO	10M0G7W	12 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) 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) Prior to commencing any operations in Aeronautical and Fixed frequencies (2360-2395 MHz), the applicant must coordinate with the Aerospace and Flight Test Radio Coordinating Council (AFTRCC).