

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WF9XZP

(Call Sign)

0297-EX-ST-2015

(File Number)

NAME LiveTV

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:

We are installing a Wi-Fi system on a Embraer ERJ190-100 aircraft and are required by the FAA to confirm aircraft essential system immunity to 802.11 Wi-Fi signals per DO-294C.

Station Locations

- (1) MOBILE: Orlando international Airport (MCO), within 0.2 km, centered around NL 28-44-12; WL 81-17-29
- (2) MOBILE: Boston Logan International Airport, within 0.2 km, centered around NL 42-37-41; WL 71-02-47

Frequency Information

MOBILE: Orlando international Airport (MCO), within 0.2 km, centered around NL 28-44-12; WL 81-17-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.4835 GHz	MO	1K60P0N	7 W (ERP)	
5.15-5.35 GHz	MO	1K60P0N	7 W (ERP)	

This authorization effective April 15, 2015 and
will expire 3:00 A.M. EST October 16, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Orlando international Airport (MCO), within 0.2 km, centered around NL 28-44-12; WL 81-17-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.725-5.825 GHz	MO	1K60P0N	7 W (ERP)	

MOBILE: Boston Logan International Airport, within 0.2 km, centered around NL 42-37-41; WL 71-02-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.4835 GHz	MO	1K60P0N	7 W (ERP)	
5.15-5.35 GHz	MO	1K60P0N	7 W (ERP)	
5.725-5.825 GHz	MO	1K60P0N	7 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 must coordinate with the local SBE frequency coordinator prior to accessing to 2.4-2.4835 GHz band.
- (3) Licensee must coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to accessing to 2.4-2.4835 GHz band.
- (4) 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.