

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG9XXN

(Call Sign)

0754-EX-ST-2013

(File Number)

NAME Rockwell Collins, Inc.

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:

To test new waveforms over the air to characterize performance and actual wideband HF channel propagation characteristics.

Station Locations

(1) Tampa (HILLSBOROUGH), FL - NL 27-53-37; WL 82-31-41

Frequency Information

Tampa (HILLSBOROUGH), FL - NL 27-53-37; WL 82-31-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13870-14550 kHz	FX	48K0J1D	25 kW (ERP)	
15800-15860 kHz	FX	48K0J1D	25 kW (ERP)	
15960-16060 kHz	FX	48K0J1D	25 kW (ERP)	

This authorization effective August 26, 2013 and
will expire 3:00 A.M. EST September 14, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tampa (HILLSBOROUGH), FL - NL 27-53-37; WL 82-31-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16160-17450 kHz	FX	48K0J1D	25 kW (ERP)	
18040-18610 kHz	FX	48K0J1D	25 kW (ERP)	
19460-20460 kHz	FX	48K0J1D	25 kW (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.

Special Conditions:

- (3) 1. The following frequency bands have been authorized for the experimental tests:
- 13870 – 14550 kHz
 - 15800 – 15860 kHz
 - 15960 – 16060 kHz
 - 16160 – 17450 kHz
 - 18040 – 18610 kHz
 - 19460 – 20460 kHz
2. Within the 13870 – 14550 kHz band, the following frequencies must be notched out:
- 14428.5 kHz
 - 14461 kHz
3. Within the 15960 – 16060 kHz band, the following frequency must be notched out:
- 16027.5 kHz
4. Within the 16160 – 17450 kHz band, the following frequencies must be notched out:
- 16421.4 kHz
 - 16529.4 kHz
 - 16532.4 kHz
 - 16532.4 kHz
 - 16535.4 kHz
 - 16538.4 kHz
 - 16541.4 kHz
 - 16544.4 kHz
 - 16547.4 kHz
 - 16695 kHz
 - 16804.5 kHz
 - 16806.5 kHz
 - 16909.7 kHz
 - 16959.2 kHz
 - 16968.8 kHz
 - 16983.2 kHz
 - 17002.4 kHz
 - 17258.4 kHz
 - 17294.4 kHz
 - 17315.4 kHz
5. Within the 18040 – 18610 kHz band, the following frequency must be notched out:
- 18197.5 kHz
6. Within the 19460 – 20460 kHz band, the following frequencies must be notched out:
- 19680.5 kHz
 - 19718.5 kHz
 - 19721.5 kHz
 - 19745.5 kHz
 - 19748.5 kHz
 - 19780.4 kHz
 - 19798.4 kHz
 - 20247.5 kHz
 - 20330 kHz
7. Stop Buzzer P.O.C. Mr. Ed Clark, 727-804-2298 (Cell), 813-280-3444 (Office), jeclark3@rockwellcollins.com must be available during all phases of the test.

Speci