

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

EXPERIMENTAL

(Nature of Service)

WD9XAD

(Call Sign)

XT FX

(Class of Station)

0035-EX-ST-2017

(File Number)

NAME Garmin International

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:

Performance of aircraft coupling testing in support of High Intensity Radiated Field (HIRF) certification for aircraft to be equipped with Garmin avionics.

Station Locations

(1) New Century (JOHNSON), KS - NL 38-50-33; WL 94-53-39

Frequency Information

New Century (JOHNSON), KS - NL 38-50-33; WL 94-53-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
505-2173 kHz	FX	NON	15.2 W (ERP)	
2191-13360 kHz	FX	NON	15.2 W (ERP)	
13410-25550 kHz	FX	NON	15.2 W (ERP)	

This authorization effective February 01, 2017 and
will expire 3:00 A.M. EST August 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

New Century (JOHNSON), KS - NL 38-50-33; WL 94-53-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25670-29999.99 kHz	FX	N0N	15.2 W (ERP)	
30-38 MHz	FX	N0N	15.2 W (ERP)	
38.25-73 MHz	FX	N0N	15.2 W (ERP)	
74.6-108 MHz	FX	N0N	15.2 W (ERP)	
137-328.6 MHz	FX	N0N	15.2 W (ERP)	
335.4-406 MHz	FX	N0N	15.2 W (ERP)	
410-500 MHz	FX	N0N	15.2 W (ERP)	
500-608 MHz	FX	N0N	1.2 W (ERP)	
614-960 MHz	FX	N0N	1.2 W (ERP)	
1427-1626.5 MHz	FX	N0N	2 W (ERP)	

Frequency Information

New Century (JOHNSON), KS - NL 38-50-33; WL 94-53-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1670-2690 MHz	FX	N0N	1.2 W (ERP)	
2700-4990 MHz	FX	N0N	1.2 W (ERP)	
5000-10680 MHz	FX	N0N	1.2 W (ERP)	
10700-15350 MHz	FX	N0N	1.2 W (ERP)	
15400-18000 MHz	FX	N0N	1.2 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) One of the following stop buzzer personnel must be present during all tests in case of interference and the testing needs to be stopped: David Kerr, Work: 913-440-5208; Praf Patel Work: 913-440-5422; Steve Haycock Work 913-440-2284; Brad Fischer Landline: 913-440-8421; or Aaron Jones Work 913-440-5065.
- (4) Frequencies in the authorized bands are limited to those listed in the exhibit in the application with file number 0546-EX-ST-2008 entitled "4 Frequency List."