

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WA8XCE

(Call Sign)

1115-EX-ST-2026

(File Number)

NAME Dr. Ulrich Rohde

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:

testing of a new digital wave form for voice communications.

Station Locations

- (1) Marco Island (COLLIER), FL - NL 25-55-09; WL 81-41-42
- (2) Upper Saddle River (BERGEN), NJ - NL 41-03-12; WL 74-05-55
- (3) Columbia (HOWARD), MD - NL 39-10-43; WL 76-47-52

Frequency Information

Marco Island (COLLIER), FL - NL 25-55-09; WL 81-41-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.612 MHz	FX	3K00Q1W	6.11 W (ERP)	
2.014 MHz	FX	3K00Q1W	6.11 W (ERP)	

This authorization effective July 10, 2026 and
will expire 3:00 A.M. EST January 11, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Marco Island (COLLIER), FL - NL 25-55-09; WL 81-41-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.292 MHz	FX	3K00Q1W	6.11 W (ERP)	
4.502 MHz	FX	3K00Q1W	6.11 W (ERP)	
4.51 MHz	FX	3K00Q1W	6.11 W (ERP)	
4.99 MHz	FX	3K00Q1W	6.11 W (ERP)	
5.808 MHz	FX	3K00Q1W	6.11 W (ERP)	
6.769 MHz	FX	3K00Q1W	6.11 W (ERP)	
7.507 MHz	FX	3K00Q1W	6.11 W (ERP)	
8.098 MHz	FX	3K00Q1W	6.11 W (ERP)	
9.213 MHz	FX	3K00Q1W	6.11 W (ERP)	
10.188 MHz	FX	3K00Q1W	6.11 W (ERP)	

Frequency Information

Marco Island (COLLIER), FL - NL 25-55-09; WL 81-41-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.516 MHz	FX	3K00Q1W	6.11 W (ERP)	
17.475 MHz	FX	3K00Q1W	6.11 W (ERP)	
24.45 MHz	FX	3K00Q1W	6.11 W (ERP)	

Upper Saddle River (BERGEN), NJ - NL 41-03-12; WL 74-05-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.612 MHz	FX	3K00Q1W	6.11 W (ERP)	
2.014 MHz	FX	3K00Q1W	6.11 W (ERP)	
3.292 MHz	FX	3K00Q1W	6.11 W (ERP)	
4.502 MHz	FX	3K00Q1W	6.11 W (ERP)	
4.51 MHz	FX	3K00Q1W	6.11 W (ERP)	
4.99 MHz	FX	3K00Q1W	6.11 W (ERP)	

Frequency Information

Upper Saddle River (BERGEN), NJ - NL 41-03-12; WL 74-05-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.808 MHz	FX	3K00Q1W	6.11 W (ERP)	
6.769 MHz	FX	3K00Q1W	6.11 W (ERP)	
7.507 MHz	FX	3K00Q1W	6.11 W (ERP)	
8.098 MHz	FX	3K00Q1W	6.11 W (ERP)	
9.213 MHz	FX	3K00Q1W	6.11 W (ERP)	
10.188 MHz	FX	3K00Q1W	6.11 W (ERP)	
14.516 MHz	FX	3K00Q1W	6.11 W (ERP)	
17.475 MHz	FX	3K00Q1W	6.11 W (ERP)	
24.45 MHz	FX	3K00Q1W	6.11 W (ERP)	

Frequency Information

Columbia (HOWARD), MD - NL 39-10-43; WL 76-47-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.612 MHz	FX	3K00Q1W	6.11 W (ERP)	
2.014 MHz	FX	3K00Q1W	6.11 W (ERP)	
3.292 MHz	FX	3K00Q1W	6.11 W (ERP)	
4.502 MHz	FX	3K00Q1W	6.11 W (ERP)	
4.51 MHz	FX	3K00Q1W	6.11 W (ERP)	
4.99 MHz	FX	3K00Q1W	6.11 W (ERP)	
5.808 MHz	FX	3K00Q1W	6.11 W (ERP)	
6.769 MHz	FX	3K00Q1W	6.11 W (ERP)	
7.507 MHz	FX	3K00Q1W	6.11 W (ERP)	
8.098 MHz	FX	3K00Q1W	6.11 W (ERP)	

Frequency Information

Columbia (HOWARD), MD - NL 39-10-43; WL 76-47-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.213 MHz	FX	3K00Q1W	6.11 W (ERP)	
10.188 MHz	FX	3K00Q1W	6.11 W (ERP)	
14.516 MHz	FX	3K00Q1W	6.11 W (ERP)	
17.475 MHz	FX	3K00Q1W	6.11 W (ERP)	
24.45 MHz	FX	3K00Q1W	6.11 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) 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.
- (3) Operation is prohibited on any Public Safety frequency listed under 47 C.F.R Part 90.20 rules.