

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

EXPERIMENTAL

(Nature of Service)

WS9XVR

(Call Sign)

XT FX

(Class of Station)

1581-EX-ST-2021

(File Number)

NAME Scientific Applications and Research Associates

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:

Wirelessly couple to transmission/distribution lines at discrete frequencies between 50 kHz and 190 kHz, and Measure the Response of Power Conditioning Components.

Station Locations

(1) Fort Carson (PUEBLO), CO - NL 38-25-39; WL 104-45-46

Frequency Information

Fort Carson (PUEBLO), CO - NL 38-25-39; WL 104-45-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
50 kHz	FX	NON	167 W (ERP)	1 %
55 kHz	FX	NON	167 W (ERP)	1 %
60 kHz	FX	NON	167 W (ERP)	1 %

This authorization effective October 18, 2021 and
will expire 3:00 A.M. EST January 28, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Fort Carson (PUEBLO), CO - NL 38-25-39; WL 104-45-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
65 kHz	FX	N0N	167 W (ERP)	1 %
70 kHz	FX	N0N	167 W (ERP)	1 %
75 kHz	FX	N0N	167 W (ERP)	1 %
80 kHz	FX	N0N	167 W (ERP)	1 %
85 kHz	FX	N0N	167 W (ERP)	1 %
90 kHz	FX	N0N	167 W (ERP)	1 %
95 kHz	FX	N0N	167 W (ERP)	1 %
100 kHz	FX	N0N	167 W (ERP)	1 %
105 kHz	FX	N0N	167 W (ERP)	1 %
110 kHz	FX	N0N	167 W (ERP)	1 %

Frequency Information

Fort Carson (PUEBLO), CO - NL 38-25-39; WL 104-45-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
115 kHz	FX	N0N	167 W (ERP)	1 %
120 kHz	FX	N0N	167 W (ERP)	1 %
125 kHz	FX	N0N	167 W (ERP)	1 %
130 kHz	FX	N0N	167 W (ERP)	1 %
135 kHz	FX	N0N	167 W (ERP)	1 %
140 kHz	FX	N0N	167 W (ERP)	1 %
145 kHz	FX	N0N	167 W (ERP)	1 %
150 kHz	FX	N0N	167 W (ERP)	1 %
155 kHz	FX	N0N	167 W (ERP)	1 %
160 kHz	FX	N0N	167 W (ERP)	1 %

Frequency Information

Fort Carson (PUEBLO), CO - NL 38-25-39; WL 104-45-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
165 kHz	FX	N0N	167 W (ERP)	1 %
170 kHz	FX	N0N	167 W (ERP)	1 %
175 kHz	FX	N0N	167 W (ERP)	1 %
180 kHz	FX	N0N	167 W (ERP)	1 %
185 kHz	FX	N0N	167 W (ERP)	1 %
190 kHz	FX	N0N	167 W (ERP)	1 %