David Kerwin, 6795 Campus Drive, Colorado Springs, CO 80909,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WN9XJC
(Nature of Service)	(Call Sign)
XT MO	1406-EX-ST-2020
(Class of Station)	(File Number)

NAME Scientific Applications and Research Associates 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:
RF coupling experiment over a broad range of frequencies.

Station Locations
(1) MOBILE: Pease Air National Guard Base, NH, within 0.05 km, centered around NL 43-04-24; WL 70-49-14

Frequency Information

MOBILE: Pease Air National Guard Base, NH, within 0.05 km, centered around NL 43-04-24; WL 70-49-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
0.1-0.2 MHz	MO		50 W (ERP)	1.0E-8 %
		N0N		
		N0N		
0.2-0.3 MHz	MO		50 W (ERP)	1.0E-8 %
		N0N		

This authorization effective October 13, 2020 and
will expire 3:00 A.M. EST November 03, 2020

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

MOBILE: Pease Air National Guard Base, NH, within 0.05 km, centered around NL 43-04-24; WL 70-49-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
0.3-0.4 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
0.4-0.5 MHz	MO	N0N N0N	50 W (ERP)	1.0E-8 %
0.5-0.6 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
0.6-0.7 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
0.7-0.8 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
0.8-0.9 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
0.9-1 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
1-2 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
2-3 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
3-4 MHz	MO	N0N	50 W (ERP)	1.0E-8 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4-5 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
5-6 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
6-7 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
7-8 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
8-9 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
9-10 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
10-20 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
20-30 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
30-40 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
40-50 MHz	MO	N0N	50 W (ERP)	1.0E-8 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
50-60 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
60-70 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
70-80 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
80-90 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
90-100 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
100-200 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
200-300 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
300-400 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
400-500 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
500-600 MHz	MO	N0N	50 W (ERP)	1.0E-8 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
600-700 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
700-800 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
800-900 MHz	MO	N0N	50 W (ERP)	1.0E-8 %
900-1000 MHz	MO	N0N N0N	50 W (ERP)	1.0E-8 %

Special Conditions:

(1) Scientific Applications and Research Associates, Inc. must notch out all frequencies listed in the attached spreadsheet titled "1406-EX-ST-2020 Notch List"

(2) Scientific Applications and Research Associates, Inc. must limit transmissions to only the frequencies listed in the spreadsheet titled "1406-EX-ST-2020 Concur List."

(3) Scientific Applications and Research Associates, Inc. must schedule operations at least 72 hours in advance with Pease ANGB ISM, Eric Lewis at (603) 430-2523 or via email at eric.lewis.2@us.af.mil and provide stop buzzer.