

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

EXPERIMENTAL

(Nature of Service)

WG9XYT

(Call Sign)

XR FX

(Class of Station)

0510-EX-ST-2013

(File Number)

NAME New Mexico Tech - Langmuir Laboratory

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:

Weather research

Station Locations

(1) Socorro (SOCORRO), NM - NL 34-03-44; WL 106-55-25

Frequency Information

Socorro (SOCORRO), NM - NL 34-03-44; WL 106-55-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1-20 MHz	FX	26K2G2N	600 W (ERP)	

This authorization effective September 21, 2013 and
will expire 3:00 A.M. EST January 30, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) New Mexico Tech must notch out the following:
 - a. 2495 kHz thru 2505 kHz
 - b. 2850 kHz thru 3025 kHz
 - c. 3400 kHz thru 3500 kHz
 - d. 4650 kHz thru 4700 kHz
 - e. 4995 kHz thru 5005 kHz
 - f. 5450 kHz thru 5683 kHz
 - g. 6525 kHz thru 6685 kHz
 - h. 8815 kHz thru 8965 kHz
 - i. 9995 kHz thru 10100 kHz
 - j. 11275 kHz thru 11400 kHz
 - k. 14990 kHz thru 15015 kHz
 - l. 19990 kHz thru 20010 kHz

- (2) Notch out the following spot frequencies, +/- 1.5 kHz
 - a. 2142.4 kHz, 2174.5 kHz, 2183.4 kHz, 2187.5 kHz, 2262.4 kHz, 2660.4 kHz, 2679.4 kHz, 3054.4 kHz
 - b. 3057.4 kHz, 3120.4 kHz, 3123.4 kHz, 4126.4 kHz, 4177.5 kHz, 4207.5 kHz, 4572.5 kHz, 4731.4 kHz
 - c. 4821 kHz, 4902 kHz, 4965 kHz, 5108 kHz, 5694.4 kHz, 5697.4 kHz, 6216.4 kHz, 6710.4 kHz
 - d. 6743.4 kHz, 7419.5 kHz, 7630.4 kHz, 7669.5 kHz, 7736 kHz, 7743 kHz, 7747 kHz, 7775 kHz
 - e. 7793 kHz, 7821 kHz, 8981.4 kHz, 8984.4 kHz, 9035.4kHz, 9038.4 kHz, 10540 kHz, 10774 kHz
 - f. 10810 kHz, 10891 kHz, 10918 kHz, 11197.4 kHz, 11200.4 kHz, 11203.4 kHz, 12081.5 kHz, 2291.4 kHz
 - g. 12520 kHz, 12577 kHz, 13219.4 kHz, 1322.4 kHz, 13434 kHz, 13493 kHz, 15083.4 kHz, 15086.4 kHz
 - h. 15089.4 kHz, 15640.5 kHz, 16027.5 kHz, 16421.4 kHz, 16695 kHz, 16804.5 kHz, 17989.4 kHz, 17992.4 kHz, 18186.5 kHz