

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

EXPERIMENTAL

(Nature of Service)

WR9XEQ

(Call Sign)

XT MO

(Class of Station)

1564-EX-ST-2020

(File Number)

NAME Centum Research & Technology, S.L.

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:

To conduct tests of the device to demonstrate to the mobile operators. No test transmissions will be made in any licensed spectrum without written permission from the license holder.

Station Locations

- (1) MOBILE: Driggs, Idaho - 1000 ft AGL, within 75 km, centered around NL 43-44-10; WL 111-06-25

Frequency Information

MOBILE: Driggs, Idaho - 1000 ft AGL, within 75 km, centered around NL 43-44-10; WL 111-06-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-758 MHz	MO	5M00D7D	1 W (ERP)	0.0001 %
859-894 MHz	MO	5M00D7D	1 W (ERP)	0.0001 %
925-960 MHz	MO	5M00D7D	1 W (ERP)	0.0001 %

This authorization effective November 13, 2020 and
will expire 3:00 A.M. EST March 02, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Driggs, Idaho - 1000 ft AGL, within 75 km, centered around NL 43-44-10; WL 111-06-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1930-2020 MHz	MO	5M00D7D	1 W (ERP)	0.0001 %
2110-2200 MHz	MO	5M00D7D	1 W (ERP)	0.0001 %
2350-2360 MHz	MO	5M00D7D	1 W (ERP)	0.0001 %

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number:
- (4) Centum Research & Technology must notch out the Band 14.
- (5) Centum Research & Technology must notch out the following:
 - a. 934.375 MHz (+/- 100 kHz)
 - b. 943.375 MHz (+/- 100 kHz)

Special Conditions:

- (6) Prior to commencing any operations in the frequencies below, Centum Research & Technology must obtain consent from the following within 50 miles of the contours of the testing area:
- 700 MHz Lower Band "A" block licensees (698-704 MHz/728-734 MHz)
 - 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
 - 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
 - 700 MHz Lower Band "D" block licensees (716-722 MHz)
 - 700 MHz Lower Band "E" block licensees (722-728 MHz)
 - 700 MHz Upper Band "C" block (746-757 MHz and 776-787 MHz) licensee (Verizon) and/or lessees
 - 700 MHz Guard Band licensees (757-758 MHz/787-788 MHz)
 - SMR licensees (809-824 MHz/854-869 MHz)
 - B/ILT licensees (809-824 MHz/854-869 MHz)
 - Cellular licensees (824-849 MHz/869-894 MHz)
 - SMR licensees (896-901 MHz/935-940 MHz)
 - B/ILT licensees (896-901 MHz/935-940 MHz)
 - Narrowband PCS licensees (901-902/930-931/940-941 MHz)
 - Location & Monitoring Service licensees (902-928 MHz)
 - Paging Service licensees in 929 MHz and 931 MHz
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
 - 1910-1915 MHz/1990-1995 MHz Bands licensee
 - WCS (2305-2320 MHz/2345-2360 MHz) licensee (AT&T)
- (7) Licensee shall secure consents from the Advanced Wireless Service licensees prior to accessing to the frequency range from 1995 MHz to 2020 MHz and from 2110 MHz to 2200 MHz.
- (8) Licensee shall coordinate with the local Society of Broadcast Engineers frequency coordinator in the proposed area prior to operation in the frequency range from 941 MHz to 960 MHz.
- (9) Licensee shall coordinate with the Fixed Microwave Service licensees in the proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to operation in frequency range from 925 MHz to 960 MHz.