

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

EXPERIMENTAL

(Nature of Service)

WI9XPW

(Call Sign)

XT FX

(Class of Station)

0218-EX-ST-2017

(File Number)

NAME TUV SUD America

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 show compliance to the construction equipment standard (EN ISO 13309) per the new EU requirements.

Station Locations

(1) Knoxville (MARION), IA - NL 41-17-53; WL 93-03-25

Frequency Information

Knoxville (MARION), IA - NL 41-17-53; WL 93-03-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1214 MHz	FX	P0N	0.25 W (ERP)	
1391-1400 MHz	FX	P0N	0.25 W (ERP)	
1427-1434 MHz	FX	P0N	0.25 W (ERP)	

This authorization effective March 28, 2017 and
will expire 3:00 A.M. EST March 31, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Knoxville (MARION), IA - NL 41-17-53; WL 93-03-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1526-1550 MHz	FX	P0N	0.25 W (ERP)	
1610-1660.5 MHz	FX	P0N	0.25 W (ERP)	
1668.4-1754 MHz	FX	P0N	0.25 W (ERP)	
1851-2000 MHz	FX	P0N	0.25 W (ERP)	

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) Licensee must obtain consents from the Advanced Wireless Service licensees prior to accessing to 1526-1754MHz and 1851-2000MHz.
- (4) Stop buzzer, Mr. Joel Schneider, jschneider@tuvam.com, 651-592-7783 must be available at all times during transmissions.
- (5) The applicant must obtain "consent" of the following within 50 miles of the test area prior to operation:
 - o All Broadband PCS licensee (1850-1910 MHz/1930-1990 MHz)
- (6) The applicant must "notification" of the following within 50 miles of the test area:
 - o 1390-1392 Band Licensees
 - o 1392-1395 MHz/1432-1435 MHz Band licensees
 - o 1670-1675 MHz Band licensee (Crown Castle International,) and the lessee (Ligado Networks).
- (7) NTIA and the Department of Transportation are concerned about the 1526-1550 MHz band and possible interference to terrestrial GPS users. While the location is relatively rural, state Route 92 is just north of the location and it is possible there could be interference to vehicle mounted GPS devices.

Special Conditions:

- (8) At present surface GPS is not a critical component, its use will likely become more critical in the future. The applicant begins the process of looking for alternative facilities so as to not impact surface transportation users.