

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

EXPERIMENTAL

(Nature of Service)

WL9XSN

(Call Sign)

XT MO

(Class of Station)

1250-EX-ST-2017

(File Number)

NAME Robert Bosch GmbH

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:

Testing of an uncertified RF composite device to be used to track shipped containers which includes a GSM mobile cellular device, a GPS receiver and 802.15.1 wireless capability.

Station Locations

- (1) MOBILE: Charleston Harbor, within 5 km, centered around NL 32-45-50; WL 79-53-50
- (2) MOBILE: Bosch Plant, 1 Spiral Dr., Florence, KY, within 3 km, centered around NL 39-01-06; WL 84-38-35

Frequency Information

MOBILE: Charleston Harbor, within 5 km, centered around NL 32-45-50; WL 79-53-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	300KGXW	2 W (ERP)	
880-915 MHz	MO	300KGXW	2 W (ERP)	

This authorization effective October 09, 2017 and
will expire 3:00 A.M. EST November 19, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Charleston Harbor, within 5 km, centered around NL 32-45-50; WL 79-53-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	MO	300KGXW	1 W (ERP)	
1850-1910 MHz	MO	300KGXW	1 W (ERP)	

MOBILE: Bosch Plant, 1 Spiral Dr., Florence, KY, within 3 km, centered around NL 39-01-06; WL 84-38-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	300KGXW	2 W (ERP)	
880-915 MHz	MO	300KGXW	2 W (ERP)	
1710-1785 MHz	MO	300KGXW	1 W (ERP)	
1850-1910 MHz	MO	300KGXW	1 W (ERP)	

Special Conditions:

- (1) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Operation is subject to notification of the following within 50 miles of the test area:
 - o Narrowband PCS licensees (901-902 MHz)
 - o Location & Monitoring Service licensees (902-928 MHz)

Special Conditions:

- (5) Operation is subject to consent of the following within 50 miles of the test area:
 - o Cellular licensees (824-849 MHz/869-894 MHz)
 - o Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - o SMR licensees (896-901 MHz/935-940 MHz)
 - o Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)