

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

EXPERIMENTAL

(Nature of Service)

WO9XHD

(Call Sign)

XT MO

(Class of Station)

0502-EX-ST-2019

(File Number)

NAME Robert Bosch LLC

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:

Demonstration and operation of a pre-production product, a mechanical jackhammer incorporating a fixed mounted tracking sensor for theft protection.

Station Locations

- (1) MOBILE: within 200 km of Bosch manufacturing facility, within 200 km, centered around NL 42-04-06; WL 87-57-53

Frequency Information

MOBILE: within 200 km of Bosch manufacturing facility, within 200 km, centered around NL 42-04-06; WL 87-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	245KGXW	1 W (ERP)	
869-894 MHz	MO	245KGXW	1 W (ERP)	
1850-1910 MHz	MO	243KG7W	1 W (ERP)	

This authorization effective April 21, 2019 and
will expire 3:00 A.M. EST October 22, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: within 200 km of Bosch manufacturing facility, within 200 km, centered around NL 42-04-06; WL 87-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1910 MHz	MO	248KG7W	1 W (ERP)	
1930-1990 MHz	MO	243KG7W 248KG7W	1 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) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
Cellular licensees (824-849 MHz/869-894 MHz)
Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)