

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

EXPERIMENTAL

(Nature of Service)

WN9XXK

(Call Sign)

XT MO

(Class of Station)

0173-EX-ST-2019

(File Number)

NAME Bosch Security Systems, Inc.

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 of Bosch products.

Station Locations

- (1) MOBILE: Las Vegas Convention Center, Las Vegas, NV, within 1 km, centered around
NL 36-07-55; WL 115-09-17

Frequency Information

MOBILE: Las Vegas Convention Center, Las Vegas, NV, within 1 km, centered around NL 36-07-55; WL 115-09-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-174 MHz	MO	11K2F2D 11K2F3E 4K00F1W 7K60FXD 7K60FXE 8K10F1D 8K10F1E 8K30F7W	5 W (ERP)	

This authorization effective March 05, 2019 and
will expire 3:00 A.M. EST March 08, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Las Vegas Convention Center, Las Vegas, NV, within 1 km, centered around NL 36-07-55; WL 115-09-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	MO	11K2F2D 11K2F3E 4K00F1W 7K60FXD 7K60FXE 8K10F1D 8K10F1E 8K30F7W	5 W (ERP)	
809-824 MHz	MO	11K2F2D 11K2F3E 4K00F1W 7K60FXD 7K60FXE 8K10F1D 8K10F1E 8K30F7W	5 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) The applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 150-174 MHz and 450-470 MHz bands.
- (4) Prior to commencing any operations, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - Paging Service licensees in 152 MHz
 - Paging Service licensees in 158 MHz
 - Paging Service licensees in 454 MHz/459 MHz
 - General Aviation Air-Ground Service in 454 MHz/459 MHz
 - SMR licensees (809-824 MHz/854-869 MHz)
 - B/ILT licensees (809-824 MHz/854-869 MHz)
- (5) The stop buzzer contact for this project is Hieu Ninh, Phone: 402-467-6641.

Special Conditions:

- (6) The authorized station must be in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules.
- (7) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (8) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (9) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (10) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (11) Bosch Security Systems, Inc. must notch out the following:
 - a. (+/- 8 kHz) 156.800 MHz, 156.525 MHz
 - b. (+/- 10 kHz) 161.975 MHz, 162.025 MHz
 - c. (+/- 12.5 kHz) 162.9625 MHz, 163.1 MHz, 163.3375 MHz, 163.7125 MHz, 164.15 MHz, 164.1875 MHz, 164.3625 MHz, 164.5 MHz, 164.700 MHz, 164.825 MHz, 164.9125 MHz, 165.75 MHz, 166.2375 MHz, 166.300 MHz, 166.5625 MHz, 166.6625 MHz, 166.7625 MHz, 166.8125 MHz, 166.8875 MHz, 167.475 MHz, 167.625 MHz, 168.025 MHz, 168.125 MHz, 168.35 MHz, 168.4875 MHz, 168.6125 MHz, 168.625 MHz, 168.775 MHz, 169.175 MHz, 169.875 MHz, 169.975 MHz, 170.3875 MHz, 170.475 MHz, 170.525 MHz, 170.575 MHz, 171.425 MHz, 171.675 MHz, 171.7875 MHz, 172.225 MHz, 172.275 MHz, 172.5125 MHz, 173.150 MHz, 173.675 MHz, 173.775 MHz
 - d. (+/- 25 kHz) 162.400 MHz, 162.55 MHz
- (12) Bosch Security Systems, Inc. must notch out the 169.2125 - 169.4 MHz and the 172.8125 - 173 MHz bands in order to not cause interference with Air Traffic operations.