

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

EXPERIMENTAL

(Nature of Service)

WL9XZR

(Call Sign)

XT MO

(Class of Station)

1483-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 Smart Home system now under development at CES show in Las Vegas, Nevada.

**Station Locations**

- (1) MOBILE: Las Vegas Convention and Trade Center, within 1 km, centered around NL 36-07-53; WL 115-09-05

**Frequency Information**

MOBILE: Las Vegas Convention and Trade Center, within 1 km, centered around NL 36-07-53; WL 115-09-05

| Frequency          | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------------|---------------|---------------------|------------------|---------------------------|
| 868-868.6 MHz      | MO            | 325KGXW             | 10 mW (ERP)      |                           |
| 869.525-869.65 MHz | MO            | 325KGXW             | 10 mW (ERP)      |                           |
| 2400-2483.5 MHz    | MO            | 20M0GXW             | 100 mW (ERP)     |                           |

This authorization effective January 05, 2018 and  
will expire 3:00 A.M. EST January 13, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Las Vegas Convention and Trade Center, within 1 km, centered around NL 36-07-53; WL 115-09-05

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 5725-5850 MHz | MO            | 20M0GXW             | 100 mW (ERP)     |                           |

## Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at [http://freq.sbe.org/pdf\\_files/coordinators.pdf](http://freq.sbe.org/pdf_files/coordinators.pdf) to find the appropriate coordinator.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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 SMR licensees (809-824 MHz/854-869 MHz)
- (5) Robert Bosch coordinate with the affected Fixed Microwave Service licensees prior to operation in 2400-2483.5 MHz band.
- (6) Robert Bosch coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 2400-2483.5 MHz band.