

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

EXPERIMENTAL

(Nature of Service)

WR9XFH

(Call Sign)

XT MO

(Class of Station)

0465-EX-ST-2021

(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:

Testing and developing of new product which provides parking lot occupancy information via a gateway to motorists or potential shoppers.

Station Locations

- (1) MOBILE: Charlotte, NC, within 1 km, centered around NL 35-06-15; WL 80-57-31
- (2) MOBILE: San Diego, CA, within 1 km, centered around NL 32-43-30; WL 117-11-41
- (3) MOBILE: Chicago, IL, within 1 km, centered around NL 41-53-00; WL 87-37-14
- (4) MOBILE: Joplin, MO, within 1 km, centered around NL 37-03-34; WL 94-24-19
- (5) MOBILE: Houston, TX, within 1 km, centered around NL 29-55-14; WL 95-12-12
- (6) MOBILE: Oklahoma City, OK, within 1 km, centered around NL 35-28-55; WL 97-29-47

Frequency Information

MOBILE: Charlotte, NC, within 1 km, centered around NL 35-06-15; WL 80-57-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
922-923.4 MHz	FX	1M40W7D	20 mW (ERP)	
2400-2483.5 MHz	FX	80M0M0N	630 mW (ERP)	

This authorization effective April 27, 2021 and
will expire 3:00 A.M. EST October 28, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: San Diego, CA, within 1 km, centered around NL 32-43-30; WL 117-11-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
922-923.4 MHz	FX	1M40W7D	20 mW (ERP)	
2400-2483.5 MHz	FX	80M0M0N	630 mW (ERP)	

MOBILE: Chicago, IL, within 1 km, centered around NL 41-53-00; WL 87-37-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
922-923.4 MHz	FX	1M40W7D	20 mW (ERP)	
2400-2483.5 MHz	FX	80M0M0N	630 mW (ERP)	

MOBILE: Joplin, MO, within 1 km, centered around NL 37-03-34; WL 94-24-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
922-923.4 MHz	FX	1M40W7D	20 mW (ERP)	
2400-2483.5 MHz	FX	80M0M0N	630 mW (ERP)	

Frequency Information

MOBILE: Houston, TX, within 1 km, centered around NL 29-55-14; WL 95-12-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
922-923.4 MHz	FX	1M40W7D	20 mW (ERP)	
2400-2483.5 MHz	FX	80M0M0N	630 mW (ERP)	

MOBILE: Oklahoma City, OK, within 1 km, centered around NL 35-28-55; WL 97-29-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
922-923.4 MHz	FX	1M40W7D	20 mW (ERP)	
2400-2483.5 MHz	FX	80M0M0N	630 mW (ERP)	

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area 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 prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (5) 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.
- (6) Prior coordinate with the Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the frequencies from 2450 MHz to 2483.5 MHz.

Special Conditions:

- (7) Prior to commencing any operations in the frequencies below, the licensee must obtain consent from the following within 20 miles of the contours of the testing area:
 - Location & Monitoring Service licensees (902-928 MHz)
- (8) All of the experimental devices will be under control of Robert Bosch LLC and they will be retrieved by Robert Bosch LLC from the participants upon completion of the experiment.