

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

EXPERIMENTAL

(Nature of Service)

WS9XRZ

(Call Sign)

XT MO

(Class of Station)

1420-EX-ST-2021

(File Number)

NAME CP Communications

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:

Remote audio for the 2021-22 NHL season

Station Locations

- (1) MOBILE: American Airlines Center, Dallas TX, within 0.1 km, centered around NL 32-47-26; WL 96-48-37
- (2) MOBILE: Amalie Arena, Tampa FL, within 0.1 km, centered around NL 27-56-34; WL 82-27-07
- (3) MOBILE: Ball Arena, Denver CO, within 0.1 km, centered around NL 39-44-55; WL 105-00-27
- (4) MOBILE: BB&T Center, Sunrise FL, within 0.1 km, centered around NL 26-09-30; WL 80-19-32
- (5) MOBILE: Bridgestone Arena, Nashville TN, within 0.1 km, centered around NL 36-09-33; WL 86-46-43
- (6) MOBILE: Capital One Arena, Washington DC, within 0.1 km, centered around NL 38-53-53; WL 77-01-15
- (7) MOBILE: Climate Pledge Arena, Seattle WA, within 0.1 km, centered around NL 47-37-20; WL 122-21-14
- (8) MOBILE: Enterprise Center, St. Louis MO, within 0.1 km, centered around NL 38-37-36; WL 90-12-09
- (9) MOBILE: Gila River Arena, Glendale AZ, within 0.1 km, centered around NL 33-31-55; WL 112-15-40
- (10) MOBILE: Honda Center, Anaheim CA, within 0.1 km, centered around NL 33-48-28; WL 117-52-36

This authorization effective October 10, 2021 and
will expire 3:00 A.M. EST April 11, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (11) MOBILE: Xcel Energy Center, St. Paul MN, within 0.1 km, centered around NL 44-56-41; WL 93-06-04
- (12) MOBILE: T-Mobile Arena, Las Vegas NV, within 0.1 km, centered around NL 36-06-10; WL 115-10-42
- (13) MOBILE: Wells Fargo Center, Philadelphia PA, within 0.1 km, centered around NL 39-54-04; WL 75-10-19
- (14) MOBILE: Staples Center, Los Angeles CA, within 0.1 km, centered around NL 34-02-35; WL 118-16-02
- (15) MOBILE: PPG Paints Arena, Pittsburgh PA, within 0.1 km, centered around NL 40-26-22; WL 79-59-21
- (16) MOBILE: Little Ceasars Arena, Detroit MI, within 0.1 km, centered around NL 42-20-28; WL 83-03-19
- (17) MOBILE: Nationwide Arena, Columbus OH, within 0.1 km, centered around NL 39-58-09; WL 83-00-22
- (18) MOBILE: Prudential Center, Newark NJ, within 0.1 km, centered around NL 40-44-01; WL 74-10-16
- (19) MOBILE: TD Garden, Boston MA, within 0.1 km, centered around NL 42-21-58; WL 71-03-44
- (20) MOBILE: KeyBank Center, Buffalo NY, within 0.1 km, centered around NL 42-52-30; WL 78-52-35
- (21) MOBILE: Madison Square Garden, New York, NY, within 0.1 km, centered around NL 40-45-02; WL 73-59-37
- (22) MOBILE: UBS Arena, Elmont NY, within 0.1 km, centered around NL 40-42-43; WL 73-43-34

Frequency Information

MOBILE: American Airlines Center, Dallas TX, within 0.1 km, centered around NL 32-47-26; WL 96-48-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	

Frequency Information

MOBILE: American Airlines Center, Dallas TX, within 0.1 km, centered around NL 32-47-26; WL 96-48-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
693-698 MHz	MO	200KF3E	100 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	

MOBILE: Amalie Arena, Tampa FL, within 0.1 km, centered around NL 27-56-34; WL 82-27-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	

Frequency Information

MOBILE: Ball Arena, Denver CO, within 0.1 km, centered around NL 39-44-55; WL 105-00-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: BB&T Center, Sunrise FL, within 0.1 km, centered around NL 26-09-30; WL 80-19-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: BB&T Center, Sunrise FL, within 0.1 km, centered around NL 26-09-30; WL 80-19-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: Bridgestone Arena, Nashville TN, within 0.1 km, centered around NL 36-09-33; WL 86-46-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: Capital One Arena, Washington DC, within 0.1 km, centered around NL 38-53-53; WL 77-01-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: Climate Pledge Arena, Seattle WA, within 0.1 km, centered around NL 47-37-20; WL 122-21-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: Climate Pledge Arena, Seattle WA, within 0.1 km, centered around NL 47-37-20; WL 122-21-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: Enterprise Center, St. Louis MO, within 0.1 km, centered around NL 38-37-36; WL 90-12-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: Gila River Arena, Glendale AZ, within 0.1 km, centered around NL 33-31-55; WL 112-15-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: Honda Center, Anaheim CA, within 0.1 km, centered around NL 33-48-28; WL 117-52-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: Honda Center, Anaheim CA, within 0.1 km, centered around NL 33-48-28; WL 117-52-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: Xcel Energy Center, St. Paul MN, within 0.1 km, centered around NL 44-56-41; WL 93-06-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: T-Mobile Arena, Las Vegas NV, within 0.1 km, centered around NL 36-06-10; WL 115-10-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: Wells Fargo Center, Philadelphia PA, within 0.1 km, centered around NL 39-54-04; WL 75-10-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: Wells Fargo Center, Philadelphia PA, within 0.1 km, centered around NL 39-54-04; WL 75-10-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: Staples Center, Los Angeles CA, within 0.1 km, centered around NL 34-02-35; WL 118-16-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: PPG Paints Arena, Pittsburgh PA, within 0.1 km, centered around NL 40-26-22; WL 79-59-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: Little Ceasars Arena, Detroit MI, within 0.1 km, centered around NL 42-20-28; WL 83-03-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: Little Ceasars Arena, Detroit MI, within 0.1 km, centered around NL 42-20-28; WL 83-03-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: Nationwide Arena, Columbus OH, within 0.1 km, centered around NL 39-58-09; WL 83-00-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: Prudential Center, Newark NJ, within 0.1 km, centered around NL 40-44-01; WL 74-10-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: TD Garden, Boston MA, within 0.1 km, centered around NL 42-21-58; WL 71-03-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: TD Garden, Boston MA, within 0.1 km, centered around NL 42-21-58; WL 71-03-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: KeyBank Center, Buffalo NY, within 0.1 km, centered around NL 42-52-30; WL 78-52-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: Madison Square Garden, New York, NY, within 0.1 km, centered around NL 40-45-02; WL 73-59-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	100 mW (ERP)	

MOBILE: UBS Arena, Elmont NY, within 0.1 km, centered around NL 40-42-43; WL 73-43-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-622 MHz	MO	185KD1E	50 mW (ERP)	
614-622 MHz	MO	200KF3E	100 mW (ERP)	
647-668 MHz	MO	200KF3E	100 mW (ERP)	

Frequency Information

MOBILE: UBS Arena, Elmont NY, within 0.1 km, centered around NL 40-42-43; WL 73-43-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
647-668 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	185KD1E	50 mW (ERP)	
693-698 MHz	MO	200KF3E	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://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (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) Stop-buzzer contact for the duration of operations will be: Loren Sherman
Phone: 248.521.5428
- (5) Experimental licensee must secure consents from the Upper Microwave Flexible Use Service licensees around each proposed venue prior to accessing to the frequency range from 614 MHz to 698 MHz.