

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WK9XWK

(Call Sign)

0334-EX-ST-2017

(File Number)

NAME Broad Comm 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:

Test a new video capture system at National Hockey League (NHL) venues.

Station Locations

- (1) Tampa (HILLSBOROUGH), FL - NL 27-56-34; WL 82-27-07
- (2) Sunrise (BROWARD), FL - NL 26-09-30; WL 80-19-32
- (3) Nashville (DAVIDSON), TN - NL 36-09-33; WL 86-46-43
- (4) Pittsburgh (ALLEGHENY), PA - NL 40-26-22; WL 79-59-21
- (5) Anaheim (ORANGE), CA - NL 33-48-28; WL 117-52-36
- (6) Detroit (WAYNE), MI - NL 42-19-31; WL 83-03-05
- (7) NEW YORK (NEW YORK), NY - NL 40-45-02; WL 73-59-37
- (8) Brooklyn (NASSAU), NY - NL 40-40-57; WL 73-58-30
- (9) San Jose (SANTA CLARA), CA - NL 37-19-58; WL 121-54-04
- (10) St. Louis (ST LOUIS), MO - NL 38-37-36; WL 90-12-09
- (11) Los Angeles (LOS ANGELES), CA - NL 34-02-35; WL 118-16-02
- (12) Boston (SUFFOLK), MA - NL 42-21-59; WL 71-03-44
- (13) Chicago (COOK), IL - NL 41-52-50; WL 87-40-27
- (14) Washington (DIST OF COLUMBIA), DC - NL 38-53-53; WL 77-01-15
- (15) St. Paul (RAMSEY), MN - NL 44-56-41; WL 93-06-04
- (16) Glendale (MARICOPA), AZ - NL 33-31-55; WL 112-15-40
- (17) Buffalo (ERIE), NY - NL 42-52-30; WL 78-52-35
- (18) Raleigh (WAKE), NC - NL 35-48-12; WL 78-43-18
- (19) Denver (DENVER), CO - NL 39-44-55; WL 105-00-27
- (20) Columbus (FRANKLIN), OH - NL 39-58-09; WL 83-00-22

This authorization effective April 01, 2017 and
will expire 3:00 A.M. EST April 10, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

(21) Dallas (DALLAS), TX - NL 32-47-26; WL 96-48-37

(22) Newark (ESSEX), NJ - NL 40-44-01; WL 74-10-16

(23) Philadelphia (PHILADELPHIA), PA - NL 39-54-04; WL 75-10-19

Frequency Information

Tampa (HILLSBOROUGH), FL - NL 27-56-34; WL 82-27-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Sunrise (BROWARD), FL - NL 26-09-30; WL 80-19-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Sunrise (BROWARD), FL - NL 26-09-30; WL 80-19-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Nashville (DAVIDSON), TN - NL 36-09-33; WL 86-46-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Nashville (DAVIDSON), TN - NL 36-09-33; WL 86-46-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Pittsburgh (ALLEGHENY), PA - NL 40-26-22; WL 79-59-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Anaheim (ORANGE), CA - NL 33-48-28; WL 117-52-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Detroit (WAYNE), MI - NL 42-19-31; WL 83-03-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Detroit (WAYNE), MI - NL 42-19-31; WL 83-03-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

NEW YORK (NEW YORK), NY - NL 40-45-02; WL 73-59-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Brooklyn (NASSAU), NY - NL 40-40-57; WL 73-58-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

San Jose (SANTA CLARA), CA - NL 37-19-58; WL 121-54-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

San Jose (SANTA CLARA), CA - NL 37-19-58; WL 121-54-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

St. Louis (ST LOUIS), MO - NL 38-37-36; WL 90-12-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 34-02-35; WL 118-16-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Boston (SUFFOLK), MA - NL 42-21-59; WL 71-03-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Boston (SUFFOLK), MA - NL 42-21-59; WL 71-03-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Chicago (COOK), IL - NL 41-52-50; WL 87-40-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Washington (DIST OF COLUMBIA), DC - NL 38-53-53; WL 77-01-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

St. Paul (RAMSEY), MN - NL 44-56-41; WL 93-06-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

St. Paul (RAMSEY), MN - NL 44-56-41; WL 93-06-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Glendale (MARICOPA), AZ - NL 33-31-55; WL 112-15-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Buffalo (ERIE), NY - NL 42-52-30; WL 78-52-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Raleigh (WAKE), NC - NL 35-48-12; WL 78-43-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Raleigh (WAKE), NC - NL 35-48-12; WL 78-43-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Denver (DENVER), CO - NL 39-44-55; WL 105-00-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Columbus (FRANKLIN), OH - NL 39-58-09; WL 83-00-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Dallas (DALLAS), TX - NL 32-47-26; WL 96-48-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2225 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Dallas (DALLAS), TX - NL 32-47-26; WL 96-48-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Newark (ESSEX), NJ - NL 40-44-01; WL 74-10-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2210 MHz	FX	8M00W7D	50 mW (ERP)	
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (ERP)	

Frequency Information

Philadelphia (PHILADELPHIA), PA - NL 39-54-04; WL 75-10-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2250 MHz	FX	8M00W7D	50 mW (ERP)	
2262 MHz	FX	8M00W7D	50 mW (ERP)	
2275 MHz	FX	8M00W7D	50 mW (ERP)	
2290 MHz	FX	8M00W7D	50 mW (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) Operation is NOT PERMITTED using the frequency 2250 MHz at the St. Louis, MO.
- (4) Prior to the games in Anaheim/Los Angeles, CA, Washington DC, and St. Louis, MO, a STOP BUZZER Point of Contact must be furnished to:

Jennifer Corzo, Air Force Spectrum Management Office
 Email: jennifer.corzo.2@us.af.mil
 Phone: 301-225-3719

- (5) Broad Comm must be made aware that the band 2200-2290 MHz is allocated for federal only use for satellite and fixed line-of-sight operations. Non-federal use is on a case-by-case basis. Broad Comm should have no expectations on automatic approval in this band in future submissions.
- (6) Broad Comm must limit the operations to the interior of the event arenas requested.
- (7) Emission bandwidth overlap is not authorized and will not be tolerated.

Special Conditions:

- (8) Operation is NOT PERMITTED using the frequency 2225 MHz and 2230 MHz in the following locations:
 - New York, NY
 - Brooklyn, NY
 - Newark, NJ
 - Philadelphia, PA
- (9) Operation is NOT PERMITTED using the frequency 2210 MHz, 2218 MHz, 2225 MHz and 2230 MHz in the following locations:
 - Washington, DC
 - Philadelphia, PA
- (10) Non-federal use is on a case-by-case basis. Broad Comm, Inc. should have no expectations of automatic approval in this band in future submissions.