

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

EXPERIMENTAL

(Nature of Service)

WJ9XBV

(Call Sign)

XT FX MO

(Class of Station)

1087-EX-ST-2015

(File Number)

NAME Rajant Corporation

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:

Rajant Corporation seeks to test its products at the 3650-3670 MHz band to provide multi-media broadband communications for the game officials.

Station Locations

- (1) Charlotte (MECKLENBURG), NC - NL 35-13-33; WL 80-51-10; MOBILE: Bank of America Stadium, within 0.2 km, centered around NL 35-13-33; WL 80-51-10
- (2) Baltimore (BALTIMORE), MD - NL 39-16-40; WL 76-37-22; MOBILE: M&T Bank Stadium, within 0.2 km, centered around NL 39-16-40; WL 76-37-22
- (3) San Diego (SAN DIEGO), CA - NL 32-46-59; WL 117-07-10; MOBILE: Qualcomm Stadium, within 0.2 km, centered around NL 32-46-59; WL 117-07-10
- (4) Santa Clara (SANTA CLARA), CA - NL 37-24-11; WL 121-58-12; MOBILE: Levi's Stadium, within 0.2 km, centered around NL 37-24-11; WL 121-58-12
- (5) Nashville (DAVIDSON), TN - NL 36-09-59; WL 86-46-17; MOBILE: Nissan Stadium, within 0.2 km, centered around NL 36-09-59; WL 86-46-17
- (6) Philadelphia (PHILADELPHIA), PA - NL 39-54-03; WL 75-10-03; MOBILE: Lincoln Financial Field, within 0.2 km, centered around NL 39-54-03; WL 75-10-03
- (7) Tampa (HILLSBOROUGH), FL - NL 27-58-33; WL 82-30-12; MOBILE: Raymond James Stadium, within 0.2 km, centered around NL 27-58-33; WL 82-30-12
- (8) Pittsburgh (ALLEGHENY), PA - NL 40-26-48; WL 80-00-57; MOBILE: Heinz Field, within 0.2 km, centered around NL 40-26-48; WL 80-00-57
- (9) Oakland (ALAMEDA), CA - NL 37-45-06; WL 122-12-02; MOBILE: O.co.Coliseum, within 0.2 km, centered around NL 37-45-06; WL 122-12-02
- (10) Honolulu (HONOLULU), HI - NL 21-22-22; WL 157-55-48; MOBILE: Aloha Stadium, within 0.2 km, centered around NL 21-22-22; WL 157-55-48

This authorization effective October 29, 2015 and
will expire 3:00 A.M. EST April 30, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Charlotte (MECKLENBURG), NC - NL 35-13-33; WL 80-51-10; MOBILE: Bank of America Stadium, within 0.2 km, centered a

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

Baltimore (BALTIMORE), MD - NL 39-16-40; WL 76-37-22; MOBILE: M&T Bank Stadium, within 0.2 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

San Diego (SAN DIEGO), CA - NL 32-46-59; WL 117-07-10; MOBILE: Qualcomm Stadium, within 0.2 km, centered around N

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-24-11; WL 121-58-12; MOBILE: Levi's Stadium, within 0.2 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

Nashville (DAVIDSON), TN - NL 36-09-59; WL 86-46-17; MOBILE: Nissan Stadium, within 0.2 km, centered around NL 36-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

Philadelphia (PHILADELPHIA), PA - NL 39-54-03; WL 75-10-03; MOBILE: Lincoln Financial Field, within 0.2 km, centered aro

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

Frequency Information

Tampa (HILLSBOROUGH), FL - NL 27-58-33; WL 82-30-12; MOBILE: Raymond James Stadium, within 0.2 km, centered aro

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

Pittsburgh (ALLEGHENY), PA - NL 40-26-48; WL 80-00-57; MOBILE: Heinz Field, within 0.2 km, centered around NL 40-26-4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

Oakland (ALAMEDA), CA - NL 37-45-06; WL 122-12-02; MOBILE: O.co.Coliseum, within 0.2 km, centered around NL 37-45-0

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

Frequency Information

Honolulu (HONOLULU), HI - NL 21-22-22; WL 157-55-48; MOBILE: Aloha Stadium, within 0.2 km, centered around NL 21-22-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %
3650-3670 MHz	MO	20M0D1D 20M0G1D	800 mW (ERP)	0.0001 %

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) All the experimental equipment and devices must be retrieved by Rajant Corporation from the participants upon completion of the testing.
- (4) Ensure that the proposed operations will not cause harmful interference to any existing registered stations in the 3650-3700 MHz, and notify the registered users in the proposed areas.
- (5) Maintain separation from the grandfathered earth stations as defined in Part 90 subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz.