

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

EXPERIMENTAL

(Nature of Service)

WI9XSJ

(Call Sign)

XT MO

(Class of Station)

0697-EX-ST-2015

(File Number)

NAME 3G Wireless, 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:**

To provide communication between racers, team members and technicians while on the race course.

**Station Locations**

- (1) MOBILE: Various locations along the race routes, Richmond, VA, within 50 km, centered around NL 37-32-27; WL 77-26-10

**Frequency Information**

MOBILE: Various locations along the race routes, Richmond, VA, within 50 km, centered around NL 37-32-27; WL 77-26-10

| Frequency               | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------------|---------------|---------------------|------------------|---------------------------|
| 476.00625-476.01875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.05625-476.06875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.10625-476.11875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |

This authorization effective September 12, 2015 and  
will expire 3:00 A.M. EST September 29, 2015

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



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| Frequency               | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------------|---------------|---------------------|------------------|---------------------------|
| 476.15625-476.16875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.20625-476.21875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.25625-476.26875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.30625-476.31875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.35625-476.36875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.40625-476.41875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.45625-476.46875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.50625-476.51875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.55625-476.56875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.60625-476.61875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |

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| Frequency               | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------------|---------------|---------------------|------------------|---------------------------|
| 476.65625-476.66875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.70625-476.71875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.75625-476.76875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.80625-476.81875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.85625-476.86875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.90625-476.91875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 476.95625-476.96875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.00625-481.01875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.05625-481.06875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.10625-481.11875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |

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|-------------------------|---------------|---------------------|------------------|---------------------------|
| 481.15625-481.16875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.20625-481.21875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.25625-481.26875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.30625-481.31875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.35625-481.36875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.40625-481.41875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.45625-481.46875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.50625-481.51875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.55625-481.56875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.60625-481.61875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |

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| 481.75625-481.76875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.80625-481.81875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.85625-481.86875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.90625-481.91875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 481.95625-481.96875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 506.00625-506.01875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 506.05625-506.06875 MHz | MO            | 12K5F3E             | 4 mW (ERP)       | 0.002 %                   |
| 506.10625-506.11875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |

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|-------------------------|---------------|---------------------|------------------|---------------------------|
| 506.15625-506.16875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 506.20625-506.21875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 506.25625-506.26875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 506.30625-506.31875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 506.35625-506.36875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 506.40625-506.41875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 506.45625-506.46875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
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| 506.90625-506.91875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 506.95625-506.96875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 511.00625-511.01875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 511.05625-511.06875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
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| 511.20625-511.21875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 511.25625-511.26875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 511.30625-511.31875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 511.35625-511.36875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 511.40625-511.41875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 511.45625-511.46875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
| 511.50625-511.51875 MHz | MO            | 12K5F3E<br>12K5F3E  | 4 W (ERP)        | 0.002 %                   |
| 511.60625-511.61875 MHz | MO            | 12K5F3E             | 4 W (ERP)        | 0.002 %                   |
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## Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Operation is subject to prior coordination with the local Society of Broadcast Engineer frequency coordinator in the proposed area.