

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

EXPERIMENTAL

(Nature of Service)

WN9XPM

(Call Sign)

XT MO

(Class of Station)

1804-EX-ST-2018

(File Number)

NAME 0221 Medigroup

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:**

Video and audio production at a short-term motor racing event for an international audience.

**Station Locations**

- (1) MOBILE: Circuit of the Americas Motor Speedway Austin, TX, within 4 km, centered around NL 30-08-02; WL 97-38-18

**Frequency Information**

MOBILE: Circuit of the Americas Motor Speedway Austin, TX, within 4 km, centered around NL 30-08-02; WL 97-38-18

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 419.975 MHz | MO            | 11K2F3E             | 5 W (ERP)        |                           |
| 429.975 MHz | MO            | 11K2F3E             | 5 W (ERP)        |                           |
| 454-455 MHz | MO            | 11K2F2D             | 5 W (ERP)        |                           |

This authorization effective November 15, 2018 and  
will expire 3:00 A.M. EST November 19, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Circuit of the Americas Motor Speedway Austin, TX, within 4 km, centered around NL 30-08-02; WL 97-38-18

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 464.37 MHz    | MO            | 11K2F3E             | 5 W (ERP)        |                           |
| 470-608 MHz   | MO            | 200KF3E             | 2 W (ERP)        |                           |
| 471.25 MHz    | MO            | 11K2F2D             | 2 W (ERP)        |                           |
| 2180-2200 MHz | MO            | 10M0D7W             | 1 W (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) Licensee must notify the following frequencies within 50 miles of the test area:
  - Paging Service licensees in 454MHz-459 MHz
  - General Aviation Air-Ground Service in 454 MHz-459 MHz
- (4) The applicant must obtain consents from the Advance Wireless Service licensees prior to accessing to 2180-2200 MHz band.
- (5) Operation is subject to coordinate with the local Society of Broadcast Engineer frequency coordinator prior to operation on 471.25 MHz and in 470-608 MHz band.
- (6) The stop buzzer contact for this project is Mr. Sebastian Meyer; telephone number is +49 221 93 30 60 17 or Mr. Christopher D. Imlay at (301) 351-3795.
- (7) The authorized station must be in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules.
- (8) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (9) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (10) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.

Special Conditions:

- (11) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (12) 0221 Medigroup must not operate in the 2200 - 2290 MHz band. 0221 Medigroup should be aware that the band 2200-2290 MHz is allocated for federal operations and is a highly congested band. Non-federal use is on a case-by-case basis. 0221 Medigroup should have no expectations of automatic approval in this band in future submissions.