

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

EXPERIMENTAL

(Nature of Service)

WL9XWV

(Call Sign)

XT MO

(Class of Station)

1425-EX-ST-2017

(File Number)

NAME Circuit of the Americas, 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:

Operational, security, support, safety communications and video production communications in support of and for news reporting of Formula One United States Grand Prix automobile Race in Austin, Texas

Station Locations

- (1) MOBILE: Circuit of the Americas Race Track, Austin, Texas, within 5 km, centered around NL 30-08-13; WL 97-38-21

Frequency Information

MOBILE: Circuit of the Americas Race Track, Austin, Texas, within 5 km, centered around NL 30-08-13; WL 97-38-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1400 MHz	MO	8M00D7W 5M00G1D 5M00G7D	1 W (ERP)	
1640-1660 MHz	MO	500KG1D 500KG7D	1 W (ERP)	

This authorization effective October 18, 2017 and
will expire 3:00 A.M. EST October 23, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Circuit of the Americas Race Track, Austin, Texas, within 5 km, centered around NL 30-08-13; WL 97-38-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1670-1680 MHz	MO	500KG1D 500KG7D	1 W (ERP)	
1880-1900 MHz	MO	1M80G1D	10 mW (ERP)	
2000-2110 MHz	MO	8M00D7W	1 W (ERP)	
2180-2200 MHz	MO	8M00D7W	1 mW (ERP)	
2390-2483.5 MHz	MO	8M00D7W	1 W (ERP)	
3300-3700 MHz	MO	8M00D7W	1 W (ERP)	
5350-5600 MHz	MO	8M00D7W 5M00G1D 5M00G7D	1 W (ERP)	
5650-5925 MHz	MO	8M00D7W 5M00G1D 5M00G7D	1 W (ERP)	
6425-7125 MHz	MO	8M00D7W 5M00G1D	1 W (ERP)	

Frequency Information

MOBILE: Circuit of the Americas Race Track, Austin, Texas, within 5 km, centered around NL 30-08-13; WL 97-38-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6425-7125 MHz	MO	5M00G7D	1 W (ERP)	
7145-7355 MHz	MO	8M00D7W	1 W (ERP)	
8848-9004 MHz	MO	8M00D7W	1 W (ERP)	
9200-9410 MHz	MO	8M00D7W	1 W (ERP)	
11170-11700 MHz	MO	8M00D7W 10M0G1D	1 W (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://freq.sbe.org/pdf_files/coordinators.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) Operation is not permitted in the following bands:
1260-1270 MHz
1600-1640 MHz
1660-1670 MHz
5600-5650 MHz
- (5) Operation is subject to notification of the following within 50 miles of the test area:
*1392-1395 MHz
- (6) Operation is subject to consent of the following within 50 miles of the test area:
*All Broadband PCS licensee (1850-1910 MHz)

Special Conditions:

- (7) Maintain operation 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 3300-3700 MHz band.
- (8) Consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic area.
- (9) Secure consents from the Advance Wireless Service licensees prior to accessing to 2000-2110 MHz and 2180-2200 MHz bands.
- (10) Coordinate with the affected Fixed Microwave Service licensees prior to operation in 2000-2110 MHz, 2390-2483.5.MHz, 6425-7125 MHz and 11170-11700 MHz bands.
- (11) Coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 2000-2110 MHz, 2390-2483.5.MHz, 6425-7125 MHz and 11170-11700 MHz bands.
- (12) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.