

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WS9XVD

(Call Sign)

1545-EX-ST-2021

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

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154-163 MHz	MO	11K2F3E 11K2F2D	2 W (ERP)	
172.1-218 MHz	MO	11K2F3E 11K2F2D	2 W (ERP)	

This authorization effective October 19, 2021 and
will expire 3:00 A.M. EST October 25, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
415-450 MHz	MO	11K2F3E 11K2F2D	2 W (ERP)	
450-470 MHz	MO	11K2F3E 11K2F2D	2 W (ERP)	
470-512 MHz	MO	11K2F3E 11K2F2D 200KF3E	2 W (ERP)	
512-608 MHz	MO	200KF3E	250 mW (ERP)	
614-698 MHz	MO	200KF3E	250 mW (ERP)	
902-920 MHz	MO	11K2F1D	250 mW (ERP)	

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 Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.

Special Conditions:

- (4) Prior to commencing any operations in the 156.7625-156.7875 MHz and 156.8125-156.8375 MHz frequency bands, experimental licensee must notify licensee of Iridium Constellation LLC (Call sign: S2110. Ms. Maureen C McLaughlin, Phone Number: : 703-287-7518 E-Mail: : maureen.mclaughlin@iridium.com) or Name: Jennifer Hindin, Phone Number: 2027194975 E-Mail: jhindin@wileyrein.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (5) Prior to commencing any operations in the 156.7625-156.7875 MHz and 156.8125-156.8375 MHz frequency bands, experimental licensee must notify licensee of Spire Global, Inc. (Call sign: S S2946. Name: Mrs. Francisca Adeuyi, Phone Number: 4153563400 x307, E-Mail: francisca.adeuyi@spire.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (6) Prior to commencing any operations in the 156.7625-156.7875 MHz and 156.8125-156.8375 MHz frequency bands, experimental licensee must notify licensee of HawkEye 360, Inc. (Call sign: S3042. Name: Mr. Rob Rainhart, Phone Number: 571-203-0360 E-Mail: rob@he360.com or Mr. Michael Mineiro Phone Number: 571-203-0360 E-Mail: michael.mineiro@he360.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (7) Experimental licensee must secure consents from the Upper Microwave Flexible Use Service licensees around the proposed venue prior to accessing to the frequency range from 614 MHz to 698 MHz.
- (8) Experimental licensee must coordinate with the local Society of Broadcast Engineers frequency coordinator in the proposed area prior to operation in all the requested frequency bands.
- (9) Prior to commencing any operations in the frequencies below, the experimental licensee must obtain consent from the following within 50 miles of the contours of the testing area:
 - a. Paging Service licensees in 158 MHz
 - b. Mobile Service licensees in 152 MHz/158 MHz
 - c. Mobile Service licensees in 454 MHz/459 MHz
 - d. Location & Monitoring Service licensees (902-928 MHz)

Special Conditions:**(10) Circuit of Americas, LLC must notch out the following:**

- > 156.05 MHz (+/- 5.5 kHz)
- > 156.25 MHz (+/- 5.5 kHz)
- > 156.275 MHz (+/- 5.5 kHz)
- > 156.3 MHz (+/- 5.5 kHz)
- > 156.525 MHz (+/- 8 kHz)
- > 156.55 MHz (+/- 5.5 kHz)
- > 156.6 MHz (+/- 5.5 kHz)
- > 156.65 MHz (+/- 5.5 kHz)
- > 156.675 MHz (+/- 5.5 kHz)
- > 156.7 MHz (+/- 5.5 kHz)
- > 156.725 MHz (+/- 5.5 kHz)
- > 157 MHz (+/- 5.5 kHz)
- > 157.05 MHz (+/- 5.5 kHz)
- > 157.075 MHz (+/- 5.5 kHz)
- > 157.1 MHz (+/- 5.5 kHz)
- > 157.15 MHz (+/- 5.5 kHz)
- > 157.175 MHz (+/- 5.5 kHz)
- > 161.6 MHz (+/- 5.5 kHz)
- > 161.975 MHz (+/- 5.5 kHz)
- > 162.025 MHz (+/- 5.5 kHz)
- > 162.325 MHz (+/- 5.5 kHz)
- > 162.9625 MHz (+/- 12 kHz)
- > 163.05 MHz (+/- 5.5 kHz)
- > 163.1375 MHz (+/- 5.5 kHz)
- > 164.9 MHz (+/- 5.5 kHz)
- > 165.3125 MHz (+/- 5.5 kHz)
- > 165.8 MHz (+/- 8 kHz)
- > 171.2375 MHz (+/- 5.5 kHz)
- > 171.35 MHz (+/- 5.5 kHz)
- > 172.5125 MHz (+/- 12 kHz)
- > 412.975 MHz (+/- 5.5 kHz)
- > 413 MHz (+/- 5.5 kHz)
- > 413.025 MHz (+/- 5.5 kHz)