

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

EXPERIMENTAL

(Nature of Service)

WS9XVW

(Call Sign)

XT MO

(Class of Station)

1635-EX-ST-2021

(File Number)

NAME MRTC Motorsport Communications

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:

Testing of automobile racing communications system involving a single race team and race vehicles. Please see attached narrative statement.

Station Locations

- (1) MOBILE: Austin, TX. Circuit of the Americas Motor Speedway, within 5 km, centered around NL 30-08-02; WL 97-38-18

Frequency Information

MOBILE: Austin, TX. Circuit of the Americas Motor Speedway, within 5 km, centered around NL 30-08-02; WL 97-38-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
159.675 MHz	MO	11K2F3E	5 W (ERP)	
159.8375 MHz	MO	11K2F3E	5 W (ERP)	
159.9125 MHz	MO	11K2F3E	5 W (ERP)	

This authorization effective November 11, 2021 and
will expire 3:00 A.M. EST November 15, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Austin, TX. Circuit of the Americas Motor Speedway, within 5 km, centered around NL 30-08-02; WL 97-38-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
159.9625 MHz	MO	11K2F3E	5 W (ERP)	
162.6875 MHz	MO	11K2F3E	5 W (ERP)	
162.75 MHz	MO	11K2F3E	5 W (ERP)	
163.55 MHz	MO	11K2F3E	5 W (ERP)	
163.625 MHz	MO	11K2F3E	5 W (ERP)	
163.6625 MHz	MO	11K2F3E	5 W (ERP)	
163.725 MHz	MO	11K2F3E	5 W (ERP)	
163.7375 MHz	MO	11K2F3E	5 W (ERP)	
163.775 MHz	MO	11K2F3E	5 W (ERP)	
163.8875 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Austin, TX. Circuit of the Americas Motor Speedway, within 5 km, centered around NL 30-08-02; WL 97-38-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
163.9625 MHz	MO	11K2F3E	5 W (ERP)	
164.2875 MHz	MO	11K2F3E	5 W (ERP)	
164.4125 MHz	MO	11K2F3E	5 W (ERP)	
164.4375 MHz	MO	11K2F3E	5 W (ERP)	
164.4625 MHz	MO	11K2F3E	5 W (ERP)	
164.5125 MHz	MO	11K2F3E	5 W (ERP)	
164.5625 MHz	MO	11K2F3E	5 W (ERP)	
164.5875 MHz	MO	11K2F3E	5 W (ERP)	
164.625 MHz	MO	11K2F3E	5 W (ERP)	
164.65 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Austin, TX. Circuit of the Americas Motor Speedway, within 5 km, centered around NL 30-08-02; WL 97-38-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.6625 MHz	MO	11K2F3E	5 W (ERP)	
164.7125 MHz	MO	11K2F3E	5 W (ERP)	
164.7375 MHz	MO	11K2F3E	5 W (ERP)	
164.8875 MHz	MO	11K2F3E	5 W (ERP)	
164.9125 MHz	MO	11K2F3E	5 W (ERP)	
164.9875 MHz	MO	11K2F3E	5 W (ERP)	
165.125 MHz	MO	11K2F3E	5 W (ERP)	
165.1875 MHz	MO	11K2F3E	5 W (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) 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.
- (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.

Special Conditions:

- (4) Prior to commencing any operations in the frequencies below, MRTC Motorsport Communications must obtain consent from the following within 50 miles of the contours of the testing area:
 - * Paging Service licensees in 158 MHz
 - * Mobile Service licensees in 152 MHz/158 MHz
- (5) MRTC Motorsport Communications may not operate on 164.3256 MHz due to potential interference with ongoing operations.