

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

EXPERIMENTAL

(Nature of Service)

WR9XAJ

(Call Sign)

XT MO

(Class of Station)

1344-EX-ST-2020

(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 a terrestrial only voice and telemetry communications system between racing cars and pit crews of two race teams during a private test.

Station Locations

- (1) MOBILE: Indianapolis Motor Speedway, within 2 km, centered around NL 39-47-43; WL 86-14-07

Frequency Information

MOBILE: Indianapolis Motor Speedway, within 2 km, centered around NL 39-47-43; WL 86-14-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.225 MHz	MO	11K2F3E	5 W (ERP)	
155.3125 MHz	MO	11K2F3E	5 W (ERP)	
158.35 MHz	MO	11K2F3E	5 W (ERP)	

This authorization effective October 02, 2020 and
will expire 3:00 A.M. EST October 05, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Indianapolis Motor Speedway, within 2 km, centered around NL 39-47-43; WL 86-14-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
158.475 MHz	MO	11K2F3E	5 W (ERP)	
159.1375 MHz	MO	11K2F3E	5 W (ERP)	
159.35 MHz	MO	11K2F3E	5 W (ERP)	
159.7125 MHz	MO	11K2F3E	5 W (ERP)	
159.725 MHz	MO	11K2F3E	5 W (ERP)	
162.925 MHz	MO	11K2F3E	5 W (ERP)	
163.075 MHz	MO	11K2F3E	5 W (ERP)	
163.6625 MHz	MO	11K2F3E	5 W (ERP)	
163.9125 MHz	MO	11K2F3E	5 W (ERP)	
164.275 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Indianapolis Motor Speedway, within 2 km, centered around NL 39-47-43; WL 86-14-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.4 MHz	MO	11K2F3E	5 W (ERP)	
170.475 MHz	MO	11K2F3E	5 W (ERP)	
171.1625 MHz	MO	11K2F3E	5 W (ERP)	
171.7875 MHz	MO	11K2F3E	5 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 https://www.sbe.org/sections/freq_local.php 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) Stop buzzer POC is Christopher Imlay at (301) 351-3795 and (301) 384-5525.
- (5) 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
 - Paging Service licensees in 152 MHz/158 MHz