

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

EXPERIMENTAL

(Nature of Service)

WO9XBF

(Call Sign)

XT MO

(Class of Station)

0214-EX-ST-2019

(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:

Terrestrial only, international and domestic video production operation; voice and telemetry between racing cars and pit crews; and two-way operational and security communications

Station Locations

- (1) MOBILE: Sebring International Raceway, Sebring, FL, within 4 km, centered around NL 27-27-17; WL 81-20-53

Frequency Information

MOBILE: Sebring International Raceway, Sebring, FL, within 4 km, centered around NL 27-27-17; WL 81-20-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-169.2125 MHz	MO	11K2F3E	5 W (ERP)	
169.4-172.8125 MHz	MO	11K2F3E	5 W (ERP)	
172.4-174 MHz	MO	11K2F3E	5 W (ERP)	

This authorization effective March 09, 2019 and
will expire 3:00 A.M. EST March 17, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Sebring International Raceway, Sebring, FL, within 4 km, centered around NL 27-27-17; WL 81-20-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
442.1-485.155 MHz	MO	11K2F3E	4 W (ERP)	
653-657 MHz	MO	190KF3E	1 W (ERP)	
2200-2290 MHz	MO	8M00D7W	200 mW (ERP)	
2390-2410 MHz	MO	8M00D7W	200 mW (ERP)	
6875-7125 MHz	MO	8M00D7W	200 mW (ERP)	
9405-9415 MHz	MO	2M50M2N	25 kW (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) MRTC Motorsport Communications must notch out the following spot frequencies: (+/- 12.5 kHz) 156.300 MHz, 156.525 MHz, 156.650 MHz, 156.800 MHz, 161.975 MHz, 162.025 MHz, 162.1625 MHz, 162.500 MHz, 163.3375 MHz, 164.0875 MHz, 164.250 MHz, 164.3625 MHz, 166.3625 MHz, 166.375 MHz, 166.5625 MHz, 166.6625 MHz, 167.125 MHz, 167.625 MHz, 168.025 MHz, 168.300 MHz, 168.425 MHz, 168.6125 MHz, 168.7375 MHz, 168.750 MHz, 169.650 MHz, 169.7875 MHz, 169.8125 MHz, 169.900 MHz, 170.075 MHz, 171.475 MHz, 171.5625 MHz, 172.275 MHz, 172.325 MHz, 172.350 MHz, 172.425 MHz, 172.450 MHz, 172.475 MHz, 172.5125 MHz, 173.675 MHz.
- (4) MRTC Motorsport Communications may not operate on the 1540 and 1548 MHz spot frequencies in order to prevent possible interference to ongoing operations.

Special Conditions:

- (5) MRTC Motorsport Communications must notch out the 169.2125 – 169.4 MHz and the 172.8125 – 172.4 MHz bands in order to protect Air Traffic operations.
- (6) MRTC Motorsport Communications 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. MRTC Motorsport Communications should have no expectations of automatic approval in this band in future submissions.
- (7) All of the experimental devices be retrieved by MRTC Motorsport Communications from the participants upon completion of the operation.
- (8) Coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 150-174 MHz, 442.1-485.155 MHz, 653-657 MHz and 6875-7125 MHz bands.
- (9) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - o Paging Service licensees in 152 MHz
 - o Paging Service licensees in 158 MHz
 - o Paging Service licensees in 152 MHz/158 MHz
 - o Paging Service licensees in 454 MHz/459 MHz
 - o General Aviation Air-Ground Service in 454 MHz/459 MHz
- (10) Prior to commencing any operations in Aeronautical and Fixed frequencies (2360-2395 MHz), the applicant must coordinate with the Aerospace and Flight Test Radio Coordinating Council (AFTRCC).
- (11) The stop buzzer is at (301) 351-3795.
- (12) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.