

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

EXPERIMENTAL

(Nature of Service)

WQ9XDA

(Call Sign)

XT MO

(Class of Station)

0214-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:

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 (+/-)
150-156.0125 MHz	MO	11K2F3E	5 W (ERP)	
163-174 MHz	MO	11K2F3E	5 W (ERP)	
440-470 MHz	MO	11K2F3E	4 W (ERP)	

This authorization effective March 18, 2020 and
will expire 3:00 A.M. EST March 22, 2020

**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 (+/-)
653-657 MHz	MO	190KF3E	1 W (ERP)	
2360-2400 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) All of the experimental devices be retrieved by MRTC Motorsport Communications from the participants upon completion of the operation.
- (4) Coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 150-174 MHz, 440-470 MHz, 653-657 MHz and 6875-7125 MHz bands.
- (5) 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 152 MHz/158 MHz
 - o Paging Service licensees in 454 MHz/459 MHz
 - o General Aviation Air-Ground Service in 454 MHz/459 MHz
- (6) 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).
- (7) The stop buzzer is at (301) 351-3795.
- (8) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.

Special Conditions:

(9) MRTC Motorsport Communications must notch out the following:

- a. 156.3000 MHz (+/- 8 kHz)
- b. 156.5250 MHz (+/- 8 kHz)
- c. 156.6500 MHz (+/- 8 kHz)
- d. 156.8000 MHz (+/- 8 kHz)
- e. 161.9750 MHz (+/- 8 kHz)
- f. 162.3250 MHz (+/- 11 kHz)
- g. 162.0250 MHz (+/- 8 kHz)
- h. 162.925 MHz (+/- 6 kHz)
- i. 163.7250 MHz (+/- 8 kHz)
- j. 163.0500 MHz (+/- 11 kHz)
- k. 163.1375 MHz (+/- 11 kHz)
- l. 164.3625 MHz (+/- 12 kHz)
- m. 164.5500 MHz (+/- 11KHz)
- n. 164.9000 MHz (+/- 11 kHz)
- o. 165.3125 MHz (+/- 11 kHz)
- p. 165.825 MHz (+/- 6 kHz)
- q. 166.175 MHz (+/- 12.5 kHz)
- r. 166.4625 MHz (+/- 11 kHz)
- s. 166.5625MHz (+/- 12 kHz)
- t. 166.6625 MHz (+/- 12 kHz)
- u. 167.MHz (+/- 12 kHz)
- v. 167.525 MHz (+/- 12 kHz)
- w. 167.625 MHz (+/- 12 kHz)
- x. 168.025 MHz (+/- 12 kHz)
- y. 168.025 MHz (+/- 12 kHz)
- z. 168.75 MHz (+/- 12 kHz)
- aa. 169.250 MHz (+/- 12.5 kHz)
- bb. 169.375 MHz (+/- 12.5 kHz)
- cc. 169.9 MHz (+/- 12 kHz)
- dd. 170.125 MHz (+/- 6 kHz)
- ee. 171.2375 MHz (+/- 11 kHz)
- ff. 171.3500 MHz (+/- 11 kHz)
- gg. 171.5625 MHz (+/- 12 kHz)
- hh. 172.175 MHz (+/- 12.5 kHz)
- ii. 172.3125 MHz (+/- 11 kHz)
- jj. 172.325 MHz (+/- 12 kHz)
- kk. 172.35 MHz (+/- 12 kHz)
- ll. 172.4125 MHz (+/- 6 kHz)
- mm. 172.5125 MHz (+/- 12 kHz)
- nn. 172.850 MHz (+/- 12.5 kHz)
- oo. 172.975 MHz (+/- 12.5 kHz)
- pp. 2200 - 2290 MHz band