

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

EXPERIMENTAL

(Nature of Service)

WO9XCI

(Call Sign)

XT MO

(Class of Station)

0308-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:

Testing of automobile racing communications system involving race teams and race vehicles and channels for video production for automobile racing event.

Station Locations

- (1) MOBILE: Weathertech Raceway Laguna Seca, CA, within 5 km, centered around NL 36-35-05; WL 121-45-10

Frequency Information

MOBILE: Weathertech Raceway Laguna Seca, CA, within 5 km, centered around NL 36-35-05; WL 121-45-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.05 MHz	MO	11K2F3E	5 W (ERP)	
154.0875 MHz	MO	11K2F3E	5 W (ERP)	
154.125 MHz	MO	11K2F3E	5 W (ERP)	

This authorization effective March 29, 2019 and
will expire 3:00 A.M. EST April 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Weathertech Raceway Laguna Seca, CA, within 5 km, centered around NL 36-35-05; WL 121-45-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.2 MHz	MO	11K2F3E	5 W (ERP)	
154.225 MHz	MO	11K2F3E	5 W (ERP)	
154.375 MHz	MO	11K2F3E	5 W (ERP)	
154.5375 MHz	MO	11K2F3E	5 W (ERP)	
154.775 MHz	MO	11K2F3E	5 W (ERP)	
155.35 MHz	MO	11K2F3E	5 W (ERP)	
155.43125 MHz	MO	11K2F3E	5 W (ERP)	
158.4875 MHz	MO	11K2F3E	5 W (ERP)	
158.7 MHz	MO	11K2F3E	5 W (ERP)	
159.00625 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
159.075 MHz	MO	11K2F3E	5 W (ERP)	
159.25625 MHz	MO	11K2F3E	5 W (ERP)	
159.3625 MHz	MO	11K2F3E	5 W (ERP)	
159.6875 MHz	MO	11K2F3E	5 W (ERP)	
159.725 MHz	MO	11K2F3E	5 W (ERP)	
161.1875 MHz	MO	11K2F3E	5 W (ERP)	
452.25 MHz	MO	11K2F1D	3 W (ERP)	
458.75 MHz	MO	11K2F3E	5 W (ERP)	
459.0375 MHz	MO	11K2F3E	5 W (ERP)	
459.15 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
462.3625 MHz	MO	11K2F3E	1 W (ERP)	
462.475 MHz	MO	11K2F3E	1 W (ERP)	
467.5 MHz	MO	11K2F3E	5 W (ERP)	
467.55 MHz	MO	11K2F3E	5 W (ERP)	
467.7 MHz	MO	11K2F3E	5 W (ERP)	
467.99375 MHz	MO	11K2F3E	1 W (ERP)	
468.59375 MHz	MO	11K2F3E	1 W (ERP)	
468.95625 MHz	MO	11K2F3E	1 W (ERP)	
2025-2110 MHz	MO	7M00D7W	500 mW (ERP)	
2225 MHz	MO	7M00D7W	500 mW (ERP)	

Frequency Information

MOBILE: Weathertech Raceway Laguna Seca, CA, within 5 km, centered around NL 36-35-05; WL 121-45-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2265 MHz	MO	7M00D7W	500 mW (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) The stop-buzzer contact is (301) 351-3795.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (6) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (7) MRTC Motorsport Communications must not operate in the 162 – 174 MHz band. This band is highly congested and used extensively for wildland fire support operations.
- (8) MRTC Motorsport Communications must notch out 156.075 (+/- 12.5 kHz) MHz from their operations in order to protect Search and Rescue operations.
- (9) Operations subject to be consented by 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
 - Paging Service licensees in 454 MHz/459 MHz
 - General Aviation Air-Ground Service in 454 MHz/459 MHz