

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WO9XMT

(Call Sign)

0549-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 and video production system involving one multiple race vehicles at multiple venues. Please see attached narrative and frequency coordination

Station Locations

- (1) MOBILE: Alton, VA. Virginia International Raceway, within 5 km, centered around NL 36-33-37; WL 79-12-34
- (2) MOBILE: Sonoma, CA. Raceway, within 5 km, centered around NL 38-09-34; WL 122-27-16
- (3) MOBILE: Watkins Glen International Speedway, NY, within 5 km, centered around NL 42-20-13; WL 76-55-38
- (4) MOBILE: Road America Race Track Elkhart Lake, WI, within 5 km, centered around NL 43-47-51; WL 87-59-38
- (5) MOBILE: Las Vegas, NV. Raceway, within 5 km, centered around NL 36-16-19; WL 115-00-37

Frequency Information

MOBILE: Alton, VA. Virginia International Raceway, within 5 km, centered around NL 36-33-37; WL 79-12-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
452.25 MHz	MO	11K2F1D	3 W (ERP)	

This authorization effective May 14, 2019 and
will expire 3:00 A.M. EST October 21, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Alton, VA. Virginia International Raceway, within 5 km, centered around NL 36-33-37; WL 79-12-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
467.7-469 MHz	MO	11K2F3E	1 W (ERP)	
2025-2110 MHz	MO	7M00D7W	500 mW (ERP)	
2220-2270 MHz	MO	7M00D7W	500 mW (ERP)	

MOBILE: Sonoma, CA. Raceway, within 5 km, centered around NL 38-09-34; WL 122-27-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
452.25 MHz	MO	11K2F1D	3 W (ERP)	
467.7-469 MHz	MO	11K2F3E	1 W (ERP)	
2025-2110 MHz	MO	7M00D7W	500 mW (ERP)	

MOBILE: Watkins Glen International Speedway, NY, within 5 km, centered around NL 42-20-13; WL 76-55-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
452.25 MHz	MO	11K2F1D	3 W (ERP)	

Frequency Information

MOBILE: Watkins Glen International Speedway, NY, within 5 km, centered around NL 42-20-13; WL 76-55-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
467.7-469 MHz	MO	11K2F3E	1 W (ERP)	
2025-2110 MHz	MO	7M00D7W	500 mW (ERP)	
2220-2270 MHz	MO	7M00D7W	500 mW (ERP)	

MOBILE: Road America Race Track Elkhart Lake, WI, within 5 km, centered around NL 43-47-51; WL 87-59-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
452.25 MHz	MO	11K2F1D	3 W (ERP)	
467.7-469 MHz	MO	11K2F3E	1 W (ERP)	
2025-2110 MHz	MO	7M00D7W	500 mW (ERP)	
2220-2270 MHz	MO	7M00D7W	500 mW (ERP)	

Frequency Information

MOBILE: Las Vegas, NV. Raceway, within 5 km, centered around NL 36-16-19; WL 115-00-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
452.25 MHz	MO	11K2F1D	3 W (ERP)	
467.7-469 MHz	MO	11K2F3E	1 W (ERP)	
2025-2110 MHz	MO	7M00D7W	500 mW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) The stop buzzer contact for this project is Mr. George Hay, who can be reached at +44 (0)7895143146. Alternatively, counsel for the applicant at 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) MRTC Motorsport Communications may not operate in 2220 – 2270 MHz band at the Sonoma, CA and the Las Vegas, NV locations due to ongoing law enforcement operations in the requested area.
- (7) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.