

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

EXPERIMENTAL

(Nature of Service)

WL9XKM

(Call Sign)

XT MO

(Class of Station)

0634-EX-ST-2017

(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: Brooklyn, NY. Race Track at Brooklyn Cruise Terminal, within 2 km, centered around NL 40-40-48; WL 74-00-57

Frequency Information

MOBILE: Brooklyn, NY. Race Track at Brooklyn Cruise Terminal, within 2 km, centered around NL 40-40-48; WL 74-00-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.12-166.107 MHz	MO	8K30F1E	5 W (ERP)	
406-409.56 MHz	MO	8K50F3E	4 W (ERP)	
416-419.56 MHz	MO	8K50F3E	4 W (ERP)	

This authorization effective July 10, 2017 and
will expire 3:00 A.M. EST July 17, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Brooklyn, NY. Race Track at Brooklyn Cruise Terminal, within 2 km, centered around NL 40-40-48; WL 74-00-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
440-443 MHz	MO	8K00F3E	5 W (ERP)	
450-470 MHz	MO	8K50F3E	4 W (ERP)	
590-608 MHz	MO	190KF3E	30 mW (ERP)	
614-626 MHz	MO	190KF3E	30 mW (ERP)	
2200-2290 MHz	MO	8M00D7W	1 W (ERP)	
2360-2415 MHz	MO	8M00D7W	1 W (ERP)	
3400-3500 MHz	MO	8M00D7W	1 W (ERP)	
5795-5850 MHz	MO	10M0D7W	200 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 http://freq.sbe.org/pdf_files/coordinators.pdf 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.

Special Conditions:

- (4) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE) in frequency bands 154.12-166.107 MHz, 450-470 MHz, 590-608 MHz and 614-626 MHz.
- (5) All operations subject to notification of the following Mobility Division services within 50 miles of the test area:
 1. Paging licensees in 152 MHz, 158 MHz, 454 MHz and 459 MHz.
 2. General Aviation Air-Ground licensees in 454 MHz and 459 MHz.
- (6) All of the experimental devices be retrieved by MRTC Motorsport Communications from the participants upon completion of the operation.
- (7) Notch out the following +/-12.5 kHz:
M156.6000; M156.6500; M156.7000; M156.8000; M157.1250; M161.9750;
M162.0250; M162.3000; M162.3250; M163.0500; M163.1375; M164.0000;
M164.1875; M164.4500; M164.5500; M164.9000; M165.3125; M165.3250;
M165.3500; M165.7500; M165.7625; M166.1000; M406.0000; M406.1000;
M406.0375; M406.1125; M406.2375; M407.4250; M407.6000; M407.8625;
M408.1000; M408.6000; M409.1750; M409.5250; M416.8750; M419.0250.