

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

EXPERIMENTAL

(Nature of Service)

WR9XUS

(Call Sign)

XD MO

(Class of Station)

0470-EX-ST-2021

(File Number)

NAME 3G Wireless, LLC.

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:

To enhance coverage of the event by providing on the spot pictures from mobile locations.

Station Locations

- (1) MOBILE: Mid-Ohio Sports Car Course, Lexington, OH, within 3.86 km, centered around NL 40-41-21; WL 82-38-11

Frequency Information

MOBILE: Mid-Ohio Sports Car Course, Lexington, OH, within 3.86 km, centered around NL 40-41-21; WL 82-38-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1436-1444 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
1446-1454 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
1456-1464 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %

This authorization effective May 14, 2021 and
will expire 3:00 A.M. EST May 17, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Mid-Ohio Sports Car Course, Lexington, OH, within 3.86 km, centered around NL 40-41-21; WL 82-38-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1466-1474 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
1476-1484 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
1486-1494 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
1496-1504 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
1506-1514 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
2200-2208 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
2210-2218 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
2220-2228 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
2230-2238 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
2240-2248 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %

Frequency Information

MOBILE: Mid-Ohio Sports Car Course, Lexington, OH, within 3.86 km, centered around NL 40-41-21; WL 82-38-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2250-2258 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
2260-2268 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
2270-2278 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
2290-2298 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
3500-3508 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
3510-3518 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
3520-3528 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
3530-3538 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %
3540-3548 MHz	MO	8M00D7W	100 mW (ERP)	0.002 %

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.

Special Conditions:

- (3) 3G Wireless, LLC. should be aware that the band 2200-2290 MHz is allocated for federal operations and is an extremely congested band. Non-federal use is on a case-by-case basis with approval of requests for operational and long-term use being highly unlikely. 3G Wireless, LLC. should have no expectations of approval in this band in future submissions.
- (4) Prior to commencing operations in the 2200 - 2300 MHz band, 3G Wireless, LLC. is required to provide the Air Force (jimmy.nguyen@us.af.mil) with stop buzzer POC info.
- (5) All operations in the 1436-1452 MHz band shall comply with the limits of unwanted emission recommendations specified in ITU Resolution 750 (Rev. WRC-19).
- (6) This frequency assignment in one of the bands 1435-1525 and 2360-2395 MHz was coordinated prior to authorization with the Area Frequency Coordinator (AFC), who also coordinated it, as appropriate, with Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC, as necessary to ensure compatibility with existing uses.
- (7) Operations are non-interference basis to Flight Test telemetry.