

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

EXPERIMENTAL

(Nature of Service)

WK9XUR

(Call Sign)

XT MO

(Class of Station)

0007-EX-ST-2017

(File Number)

NAME The Johns Hopkins University Applied Physics Laboratory (JHU/APL)

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:

The MPU-5 evaluation will be conducted by performing simulated search operations by a NYPD SWAT team near Time Square, NYC in order to evaluate the MANET, voice, data, and video

Station Locations

- (1) MOBILE: Within 0.5 km of Times Square, NYC, within 1 km, centered around NL 40-45-33; WL 73-59-06
- (2) MOBILE: Within 0.5 km of Times Square, NYC, within 1 km, centered around NL 40-45-33; WL 73-59-06

Frequency Information

MOBILE: Within 0.5 km of Times Square, NYC, within 1 km, centered around NL 40-45-33; WL 73-59-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2217-2227 MHz	MO	10M0D1D	2 W (ERP)	
2233-2237 MHz	MO	4M00D1D	2 W (ERP)	

This authorization effective February 21, 2017 and
will expire 3:00 A.M. EST May 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Within 0.5 km of Times Square, NYC, within 1 km, centered around NL 40-45-33; WL 73-59-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2233-2247 MHz	MO	14M0D1D	2 W (ERP)	
2277 MHz	MO	20M0D1D	2 W (ERP)	
2377 MHz	MO	20M0D1D	2 W (ERP)	

MOBILE: Within 0.5 km of Times Square, NYC, within 1 km, centered around NL 40-45-33; WL 73-59-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2217-2227 MHz	MO	10M0D1D	60 W (ERP)	
2233-2237 MHz	MO	4M00D1D	60 W (ERP)	
2233-2247 MHz	MO	14M0D1D	60 W (ERP)	
2277 MHz	MO	20M0D1D	60 W (ERP)	
2377 MHz	MO	20M0D1D	60 W (ERP)	

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Mid-Atlantic Area Frequency Coordinator (AFC), Patuxent River, MD, who also coordinated it, as appropriate, with the 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.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is not permitted in 2227-2233 MHz to protect Department of Interior operations.