

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

EXPERIMENTAL

(Nature of Service)

WN9XJF

(Call Sign)

XT FX MO

(Class of Station)

1622-EX-ST-2018

(File Number)

NAME Intel Corporation

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:

Demonstration of advances with new radio technologies. Carrier authorized spectrum for the STA, however, the demonstration will not connect to the network.

Station Locations

- (1) New York City (NEW YORK), NY - NL 40-45-02; WL 73-58-57; MOBILE: New York City, NY, within 0.05 km, centered around NL 40-45-02; WL 73-58-57
- (2) New York City (NEW YORK), NY - NL 40-45-02; WL 73-58-57; MOBILE: New York City, NY, within 0.05 km, centered around NL 40-45-02; WL 73-58-57
- (3) New York City, NY - NL 40-45-02; WL 73-58-57; MOBILE: New York City, NY, within 0.05 km, centered around NL 40-45-02; WL 73-58-57
- (4) New York City (NEW YORK), NY - NL 40-45-02; WL 73-58-59; MOBILE: New York City, NY, within 0.05 km, centered around NL 40-45-02; WL 73-58-59

Frequency Information

New York City (NEW YORK), NY - NL 40-45-02; WL 73-58-57; MOBILE: New York City, NY, within 0.05 km, centered around I

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
26.5-29.5 GHz	MO	100MW7W 200MW7W 300MW7W	609.5 W (ERP)	0.1 %

This authorization effective October 18, 2018 and
will expire 3:00 A.M. EST October 28, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

New York City (NEW YORK), NY - NL 40-45-02; WL 73-58-57; MOBILE: New York City, NY, within 0.05 km, centered around I

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
26.5-29.5 GHz	MO	400MW7W	609.5 W (ERP)	0.1 %

New York City (NEW YORK), NY - NL 40-45-02; WL 73-58-57; MOBILE: New York City, NY, within 0.05 km, centered around I

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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		200MW7W		
		300MW7W		
		400MW7W		

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		300MW7W		
		400MW7W		

New York City (NEW YORK), NY - NL 40-45-02; WL 73-58-59; MOBILE: New York City, NY, within 0.05 km, centered around I

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
26.5-29.5 GHz	FX	100MW7W	966 W (ERP)	0.1 %
		200MW7W		
		300MW7W		

Frequency Information

New York City (NEW YORK), NY - NL 40-45-02; WL 73-58-59; MOBILE: New York City, NY, within 0.05 km, centered around I

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
26.5-29.5 GHz	FX	400MW7W	966 W (ERP)	0.1 %

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.
- (3) Operation is subject to prior coordination with the Fixed Microwave Service licensees in accordance with 47 CFR. Part 101.103(d).
- (4) The stop buzzer contact for this project is John Hammond , 503-264-8726, stopbuzzer@intel.com
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.