

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

EXPERIMENTAL

(Nature of Service)

WG9XUZ

(Call Sign)

XT FX MO

(Class of Station)

0622-EX-ST-2013

(File Number)

NAME Cohere Technologies

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:

Cohere Technologies has developed a new modulation technique using Orthogonal Time Frequency Shift modulation (OTFS). The modulation technique promises to deliver higher spectral

Station Locations

- (1) Overland Park (JOHNSON), KS - NL 38-54-53; WL 94-39-26
- (2) Overland Park (JOHNSON), KS - NL 38-55-00; WL 94-39-28
- (3) Overland Park (JOHNSON), KS - NL 38-55-08; WL 94-39-31
- (4) Overland Park (JOHNSON), KS - NL 38-55-12; WL 94-39-21
- (5) MOBILE: Access road encompassing the Sprint campus, within 0.5 km, centered around NL 38-54-53; WL 94-39-26

Frequency Information

Overland Park (JOHNSON), KS - NL 38-54-53; WL 94-39-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3652.5 MHz	FX	5M00M0D	5 W (Output Power)	
3655 MHz	FX	10M0M0D	10 W (Output Power)	

This authorization effective August 09, 2013 and
will expire 3:00 A.M. EST February 09, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Overland Park (JOHNSON), KS - NL 38-54-53; WL 94-39-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3660 MHz	FX	20M0M0D	20 W (Output Power)	

Overland Park (JOHNSON), KS - NL 38-55-00; WL 94-39-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3652.5 MHz	FX	5M00M0D	5 W (Output Power)	
3655 MHz	FX	10M0M0D	10 W (Output Power)	
3660 MHz	FX	20M0M0D	20 W (Output Power)	

Overland Park (JOHNSON), KS - NL 38-55-08; WL 94-39-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3652.5 MHz	FX	5M00M0D	5 W (Output Power)	
3655 MHz	FX	10M0M0D	10 W (Output Power)	
3660 MHz	FX	20M0M0D	20 W (Output Power)	

Frequency Information

Overland Park (JOHNSON), KS - NL 38-55-12; WL 94-39-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3652.5 MHz	FX	5M00M0D	5 W (Output Power)	
3655 MHz	FX	10M0M0D	10 W (Output Power)	
3660 MHz	FX	20M0M0D	20 W (Output Power)	

MOBILE: Access road encompassing the Sprint campus, within 0.5 km, centered around NL 38-54-53; WL 94-39-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3652.5 MHz	MO	5M00M0D	5 W (Output Power)	
3655 MHz	MO	10M0M0D	10 W (Output Power)	
3660 MHz	MO	20M0M0D	20 W (Output Power)	