

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

EXPERIMENTAL

(Nature of Service)

WK9XUH

(Call Sign)

XT MO

(Class of Station)

0066-EX-ST-2017

(File Number)

NAME Alcatel-Lucent

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:

Conduct a PoC (Proof of Concept) using UAVs to collect radio frequency data for mobile network optimization. This includes performing tests to measure radio frequency signal strength of a

Station Locations

- (1) MOBILE: 400 Speedway Blvd, Kansas City, KS 66111
- (2) MOBILE: 12545 KANSAS TURNPIKE, Bonner Springs, KS

Frequency Information

MOBILE: 400 Speedway Blvd, Kansas City, KS 66111

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1715-1750 MHz	MO	8M92D7W	115.1 mW (ERP)	2.5 %
1852.4-1907.6 MHz	MO	4M18F9W	269 mW (ERP)	2.5 %

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 12545 KANSAS TURNPIKE, Bonner Springs, KS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1715-1750 MHz	MO	4M44D7W	115.1 mW (ERP)	2.5 %
1850.2-1909.8 MHz	MO	250KGXW	796.2 mW (ERP)	2.5 %

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (2) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.