

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

EXPERIMENTAL

(Nature of Service)

WK9XHL

(Call Sign)

XT FX MO

(Class of Station)

1265-EX-ST-2016

(File Number)

NAME Nokia

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:

Nokia wants demonstrate prototype (5G) communication equipment to one of our customers located in Colorado Springs , 1 Lake Ave 80906,

Station Locations

- (1) Colorado Springs (EL PASO), CO - NL 38-47-28; WL 104-51-00; MOBILE: Customer Facility, within 2 km, centered around NL 38-47-28; WL 104-51-00

Frequency Information

Colorado Springs (EL PASO), CO - NL 38-47-28; WL 104-51-00; MOBILE: Customer Facility, within 2 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	400MW7W 800MW7W	47.8 W (ERP)	
27.5-28.35 GHz	MO	400MW7W 800MW7W	47.8 W (ERP)	

This authorization effective October 02, 2016 and
will expire 3:00 A.M. EST October 16, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 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.
- (2) Licensee shall coordinate with the any Fixed Microwave Service licensees in the area prior to operation in 27.5-28.5 GHz band.
- (3) Licensee must avoid pointing the transmitting antenna within 10 degrees of any point on the geostationary orbital arc while transmitting signals in the 27.5-28.35 GHz band.
- (4) Licensee shall ensure that the transmitting base fixed station antenna(s) tip down when possible and avoid pointing above the horizon in order to protect satellite stations in the geostationary orbital arc.