

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH9XPL

(Call Sign)

0428-EX-ST-2014

(File Number)

NAME Straight Path Spectrum, LLC

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:

Straight Path will create point-to-multipoint links between an Access Point (AP) and a Remote Terminal (RT) in Herriman, UT to evaluate point-to-multipoint technology in a wide open topology.

Station Locations

- (1) Herriman, UT - NL 40-28-46; WL 112-01-32
- (2) Herriman, UT - NL 40-29-12; WL 112-01-13
- (3) Herriman, UT - NL 40-29-12; WL 112-01-00
- (4) Herriman, UT - NL 40-29-03; WL 112-01-14
- (5) Herriman, UT - NL 40-29-03; WL 112-00-59
- (6) Herriman, UT - NL 40-29-03; WL 112-00-48
- (7) Herriman, UT - NL 40-29-03; WL 112-00-34
- (8) Herriman, UT - NL 40-29-03; WL 112-00-22
- (9) Herriman, UT - NL 40-28-53; WL 112-00-47
- (10) Herriman, UT - NL 40-48-46; WL 112-01-32
- (11) Herriman, UT - NL 40-29-13; WL 112-00-36
- (12) Herriman, UT - NL 40-29-12; WL 112-00-47
- (13) Herriman, UT - NL 40-29-23; WL 112-01-01
- (14) Herriman, UT - NL 40-29-22; WL 112-00-37
- (15) Herriman, UT - NL 40-29-23; WL 112-00-49
- (16) Herriman, UT - NL 40-29-24; WL 112-00-22
- (17) Herriman, UT - NL 40-29-33; WL 112-01-01
- (18) Herriman, UT - NL 40-29-32; WL 112-00-48
- (19) Herriman, UT - NL 40-48-46; WL 112-01-32
- (20) Herriman, UT - NL 40-29-34; WL 112-00-35

This authorization effective June 23, 2014 and
will expire 3:00 A.M. EST December 23, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (21) Herriman, UT - NL 40-29-33; WL 112-00-22
- (22) Herriman, UT - NL 40-49-42; WL 112-01-00
- (23) Herriman, UT - NL 40-29-43; WL 112-00-47
- (24) Herriman, UT - NL 40-29-43; WL 112-00-36
- (25) Herriman, UT - NL 40-29-43; WL 112-00-22
- (26) Herriman, UT - NL 40-29-53; WL 112-00-21
- (27) Herriman, UT - NL 40-29-53; WL 112-00-35
- (28) Herriman, UT - NL 40-29-18; WL 112-01-31
- (29) Herriman, UT - NL 40-31-21; WL 112-01-15
- (30) Herriman, UT - NL 40-31-10; WL 112-01-16
- (31) Herriman, UT - NL 40-31-12; WL 112-01-03
- (32) Herriman, UT - NL 40-31-12; WL 112-00-37
- (33) Herriman, UT - NL 40-31-12; WL 112-00-24
- (34) Herriman, UT - NL 40-31-02; WL 112-00-24
- (35) Herriman, UT - NL 40-31-02; WL 112-00-34
- (36) Herriman, UT - NL 40-31-01; WL 112-00-11
- (37) Herriman, UT - NL 40-29-18; WL 112-01-31
- (38) Herriman, UT - NL 40-32-22; WL 112-00-21
- (39) Herriman, UT - NL 40-30-22; WL 112-00-35
- (40) Herriman, UT - NL 40-30-12; WL 112-00-23
- (41) Herriman, UT - NL 40-30-03; WL 112-00-23
- (42) Herriman, UT - NL 40-30-02; WL 112-00-35
- (43) Herriman, UT - NL 40-30-12; WL 112-00-36
- (44) Herriman, UT - NL 40-30-20; WL 112-00-49
- (45) Herriman, UT - NL 40-30-20; WL 112-00-49

Frequency Information

Herriman, UT - NL 40-28-46; WL 112-01-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29100-29250 MHz	FX	28M0W7D	3.98 W (ERP)	0.001 %

Herriman, UT - NL 40-29-12; WL 112-01-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-29-12; WL 112-01-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-03; WL 112-01-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-03; WL 112-00-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-03; WL 112-00-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-29-03; WL 112-00-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-03; WL 112-00-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-28-53; WL 112-00-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-48-46; WL 112-01-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29100-29250 MHz	FX	28M0W7D	3.98 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-29-13; WL 112-00-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-12; WL 112-00-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-23; WL 112-01-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-22; WL 112-00-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-29-23; WL 112-00-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-24; WL 112-00-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-33; WL 112-01-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-32; WL 112-00-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-48-46; WL 112-01-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29100-29250 MHz	FX	28M0W7D	3.98 W (ERP)	0.001 %

Herriman, UT - NL 40-29-34; WL 112-00-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-33; WL 112-00-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-49-42; WL 112-01-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-29-43; WL 112-00-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-43; WL 112-00-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-43; WL 112-00-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-53; WL 112-00-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-29-53; WL 112-00-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-18; WL 112-01-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29100-29250 MHz	FX	28M0W7D	3.98 W (ERP)	0.001 %

Herriman, UT - NL 40-31-21; WL 112-01-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-31-10; WL 112-01-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-31-12; WL 112-01-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-31-12; WL 112-00-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-31-12; WL 112-00-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-31-02; WL 112-00-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-31-02; WL 112-00-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-31-01; WL 112-00-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-29-18; WL 112-01-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29100-29250 MHz	FX	28M0W7D	3.98 W (ERP)	0.001 %

Herriman, UT - NL 40-32-22; WL 112-00-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-30-22; WL 112-00-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-30-12; WL 112-00-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-30-03; WL 112-00-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-30-02; WL 112-00-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Frequency Information

Herriman, UT - NL 40-30-12; WL 112-00-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-30-20; WL 112-00-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Herriman, UT - NL 40-30-20; WL 112-00-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28092-28242 MHz	FX	28M0W7D	891.25 W (ERP)	0.001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) This authorization is issued for the express purpose of conducting experimental operations described in the related application. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of this authorization.
- (4) Under this authorization, the total number of experimental devices shall not exceed 45.
- (5) Straight Path Spectrum, LLC will be responsible for ensuring that the devices are used in authorized locations and in a manner authorized.