

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WI2XXF

(Call Sign)

XD FX

(Class of Station)

0148-EX-CM-2017

(File Number)

NAME CCO Fiberlink, LLC

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) Sanford, FL - NL 28-46-47; WL 81-17-05
- (2) Deland (VOLUSIA), FL - NL 28-58-10; WL 81-16-29
- (3) Titusville (BREVARD), FL - NL 28-35-04; WL 80-50-55
- (4) Port St. John (BREVARD), FL - NL 28-26-48; WL 80-47-15
- (5) Cocoa (BREVARD), FL - NL 28-21-32; WL 80-44-00
- (6) Merritt Island (BREVARD), FL - NL 28-21-27; WL 80-42-15
- (7) Palm Bay (BREVARD), FL - NL 27-54-37; WL 80-37-26
- (8) Palm Bay (BREVARD), FL - NL 27-59-13; WL 80-38-59
- (9) Cape Canaveral (BREVARD), FL - NL 28-22-54; WL 80-36-29
- (10) Satellite Beach (BREVARD), FL - NL 28-10-28; WL 80-36-20
- (11) S. Melbourne (BREVARD), FL - NL 28-01-43; WL 80-32-22
- (12) Palm Bay (BREVARD), FL - NL 27-59-49; WL 80-36-57
- (13) Melbourne (BREVARD), FL - NL 28-04-38; WL 80-38-10
- (14) Deland (VOLUSIA), FL - NL 29-03-29; WL 81-17-55
- (15) Deltona (VOLUSIA), FL - NL 28-54-17; WL 81-13-37
- (16) Ormond Beach (VOLUSIA), FL - NL 29-16-30; WL 81-04-25
- (17) Sanford (SEMINOLE), FL - NL 28-48-28; WL 81-18-35
- (18) Viera (BREVARD), FL - NL 28-15-33; WL 80-44-35
- (19) Edgewater (VOLUSIA), FL - NL 28-59-08; WL 80-55-24
- (20) South Daytona (VOLUSIA), FL - NL 29-09-04; WL 80-59-50
- (21) Daytona Beach Shores (VOLUSIA), FL - NL 29-09-35; WL 80-58-29
- (22) Palm Coast (FLAGLER), FL - NL 29-33-01; WL 81-13-02
- (23) New Smyrna Beach (VOLUSIA), FL - NL 29-02-19; WL 81-04-03
- (24) Melbourne (BREVARD), FL - NL 28-08-56; WL 80-42-14
- (25) Winter Park (ORANGE), FL - NL 28-36-34; WL 81-19-27

This authorization effective August 07, 2017 and
will expire 3:00 A.M. EST May 01, 2019

**FEDERAL
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Station Locations

- (26) Winter Springs (SEMINOLE), FL - NL 28-41-48; WL 81-18-17
- (27) Orlando, FL - NL 28-31-09; WL 81-18-44
- (28) Orlando (ORANGE), FL - NL 28-24-24; WL 81-26-49
- (29) Oviedo (SEMINOLE), FL - NL 28-40-03; WL 81-11-07
- (30) Orlando (ORANGE), FL - NL 28-34-16; WL 81-14-10
- (31) Orlando (ORANGE), FL - NL 28-28-07; WL 81-21-56
- (32) Kissimmee (OSCEOLA), FL - NL 28-19-12; WL 81-20-28
- (33) Kissimmee (OSCEOLA), FL - NL 28-18-11; WL 81-24-34
- (34) St. Cloud (OSCEOLA), FL - NL 28-14-15; WL 81-16-05
- (35) Kissimmee (OSCEOLA), FL - NL 28-10-09; WL 81-26-26
- (36) Orlando (ORANGE), FL - NL 28-24-51; WL 81-12-53
- (37) Orlando (ORANGE), FL - NL 28-34-01; WL 81-08-59
- (38) Clermont (LAKE), FL - NL 28-33-07; WL 81-45-57
- (39) Clermont (LAKE), FL - NL 28-23-50; WL 81-41-39
- (40) Ocala (MARION), FL - NL 29-11-18; WL 82-13-53
- (41) Belleview (MARION), FL - NL 29-03-36; WL 82-02-50
- (42) Ocala (MARION), FL - NL 29-01-26; WL 82-13-44
- (43) Orlando (ORANGE), FL - NL 28-35-13; WL 81-28-06
- (44) Ocoee (ORANGE), FL - NL 28-33-20; WL 81-32-33
- (45) Orlando (ORANGE), FL - NL 28-30-43; WL 81-30-13
- (46) Orlando (ORANGE), FL - NL 28-25-54; WL 81-32-01
- (47) Winter Garden (ORANGE), FL - NL 28-21-46; WL 81-38-07
- (48) Apopka (ORANGE), FL - NL 28-40-48; WL 81-30-27
- (49) Wildwood (SUMTER), FL - NL 28-51-04; WL 82-02-41
- (50) Orlando (ORANGE), FL - NL 28-25-26; WL 81-24-44
- (51) Orlando (ORANGE), FL - NL 28-36-35; WL 81-25-33
- (52) Kissimmee (OSCEOLA), FL - NL 28-18-10; WL 81-26-21
- (53) Altamonte Springs (SEMINOLE), FL - NL 28-40-49; WL 81-25-05
- (54) Orlando (ORANGE), FL - NL 28-34-16; WL 81-23-22
- (55) Pine Hills (ORANGE), FL - NL 28-33-39; WL 81-28-11
- (56) Buena Ventura Lakes (OSCEOLA), FL - NL 28-19-42; WL 81-21-04
- (57) Longwood (SEMINOLE), FL - NL 28-41-01; WL 81-22-26
- (58) Deltona (VOLUSIA), FL - NL 28-55-28; WL 81-15-13
- (59) Apopka (ORANGE), FL - NL 28-42-25; WL 81-28-07
- (60) Sanford (SEMINOLE), FL - NL 28-47-53; WL 81-16-26
- (61) Orlando (ORANGE), FL - NL 28-27-55; WL 81-23-06
- (62) Haines City (POLK), FL - NL 28-06-11; WL 81-36-47
- (63) Kissimmee (OSCEOLA), FL - NL 28-09-29; WL 81-27-22
- (64) St. Cloud (OSCEOLA), FL - NL 28-14-58; WL 81-16-09
- (65) Longwood (SEMINOLE), FL - NL 28-40-48; WL 81-26-41
- (66) Wekia Springs (SEMINOLE), FL - NL 28-42-16; WL 81-25-13
- (67) Orlando (ORANGE), FL - NL 28-34-46; WL 81-28-32
- (68) Orlando (ORANGE), FL - NL 28-30-06; WL 81-19-43
- (69) Orlando (ORANGE), FL - NL 28-31-12; WL 81-21-57
- (70) Winter Park (ORANGE), FL - NL 28-37-10; WL 81-17-41
- (71) Orlando (ORANGE), FL - NL 28-33-06; WL 81-13-30

Station Locations

(72) Orlando (ORANGE), FL - NL 28-32-01; WL 81-18-31

(73) Oviedo (SEMINOLE), FL - NL 28-36-54; WL 81-14-46

(74) Orlando (ORANGE), FL - NL 28-36-54; WL 81-14-37

Frequency Information

Sanford, FL - NL 28-46-47; WL 81-17-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Deland (VOLUSIA), FL - NL 28-58-10; WL 81-16-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Titusville (BREVARD), FL - NL 28-35-04; WL 80-50-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Port St. John (BREVARD), FL - NL 28-26-48; WL 80-47-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Cocoa (BREVARD), FL - NL 28-21-32; WL 80-44-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Merritt Island (BREVARD), FL - NL 28-21-27; WL 80-42-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Palm Bay (BREVARD), FL - NL 27-54-37; WL 80-37-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Palm Bay (BREVARD), FL - NL 27-59-13; WL 80-38-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Cape Canaveral (BREVARD), FL - NL 28-22-54; WL 80-36-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Satellite Beach (BREVARD), FL - NL 28-10-28; WL 80-36-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

S. Melbourne (BREVARD), FL - NL 28-01-43; WL 80-32-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Palm Bay (BREVARD), FL - NL 27-59-49; WL 80-36-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Melbourne (BREVARD), FL - NL 28-04-38; WL 80-38-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Deland (VOLUSIA), FL - NL 29-03-29; WL 81-17-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Deltona (VOLUSIA), FL - NL 28-54-17; WL 81-13-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Ormond Beach (VOLUSIA), FL - NL 29-16-30; WL 81-04-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Sanford (SEMINOLE), FL - NL 28-48-28; WL 81-18-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Viera (BREVARD), FL - NL 28-15-33; WL 80-44-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Edgewater (VOLUSIA), FL - NL 28-59-08; WL 80-55-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Frequency Information

South Daytona (VOLUSIA), FL - NL 29-09-04; WL 80-59-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Daytona Beach Shores (VOLUSIA), FL - NL 29-09-35; WL 80-58-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Palm Coast (FLAGLER), FL - NL 29-33-01; WL 81-13-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

New Smyrna Beach (VOLUSIA), FL - NL 29-02-19; WL 81-04-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Melbourne (BREVARD), FL - NL 28-08-56; WL 80-42-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Winter Park (ORANGE), FL - NL 28-36-34; WL 81-19-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Winter Springs (SEMINOLE), FL - NL 28-41-48; WL 81-18-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Orlando, FL - NL 28-31-09; WL 81-18-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-24-24; WL 81-26-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Oviedo (SEMINOLE), FL - NL 28-40-03; WL 81-11-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Oviedo (SEMINOLE), FL - NL 28-40-03; WL 81-11-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-34-16; WL 81-14-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-28-07; WL 81-21-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Orlando (ORANGE), FL - NL 28-28-07; WL 81-21-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Kissimmee (OSCEOLA), FL - NL 28-19-12; WL 81-20-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Kissimmee (OSCEOLA), FL - NL 28-18-11; WL 81-24-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Frequency Information

St. Cloud (OSCEOLA), FL - NL 28-14-15; WL 81-16-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Kissimmee (OSCEOLA), FL - NL 28-10-09; WL 81-26-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-24-51; WL 81-12-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Orlando (ORANGE), FL - NL 28-24-51; WL 81-12-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-34-01; WL 81-08-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Clermont (LAKE), FL - NL 28-33-07; WL 81-45-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Clermont (LAKE), FL - NL 28-33-07; WL 81-45-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Clermont (LAKE), FL - NL 28-23-50; WL 81-41-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Ocala (MARION), FL - NL 29-11-18; WL 82-13-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Bellevue (MARION), FL - NL 29-03-36; WL 82-02-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Ocala (MARION), FL - NL 29-01-26; WL 82-13-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-35-13; WL 81-28-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Ocoee (ORANGE), FL - NL 28-33-20; WL 81-32-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Orlando (ORANGE), FL - NL 28-30-43; WL 81-30-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-25-54; WL 81-32-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Winter Garden (ORANGE), FL - NL 28-21-46; WL 81-38-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Winter Garden (ORANGE), FL - NL 28-21-46; WL 81-38-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Apopka (ORANGE), FL - NL 28-40-48; WL 81-30-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Wildwood (SUMTER), FL - NL 28-51-04; WL 82-02-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Wildwood (SUMTER), FL - NL 28-51-04; WL 82-02-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-25-26; WL 81-24-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-36-35; WL 81-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Kissimmee (OSCEOLA), FL - NL 28-18-10; WL 81-26-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Altamonte Springs (SEMINOLE), FL - NL 28-40-49; WL 81-25-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-34-16; WL 81-23-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Orlando (ORANGE), FL - NL 28-34-16; WL 81-23-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Pine Hills (ORANGE), FL - NL 28-33-39; WL 81-28-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Buena Ventura Lakes (OSCEOLA), FL - NL 28-19-42; WL 81-21-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Buena Ventura Lakes (OSCEOLA), FL - NL 28-19-42; WL 81-21-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Longwood (SEMINOLE), FL - NL 28-41-01; WL 81-22-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Deltona (VOLUSIA), FL - NL 28-55-28; WL 81-15-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Apopka (ORANGE), FL - NL 28-42-25; WL 81-28-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Apopka (ORANGE), FL - NL 28-42-25; WL 81-28-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Sanford (SEMINOLE), FL - NL 28-47-53; WL 81-16-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-27-55; WL 81-23-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Orlando (ORANGE), FL - NL 28-27-55; WL 81-23-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Haines City (POLK), FL - NL 28-06-11; WL 81-36-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	121.6 W (ERP)	0.001 %

Kissimmee (OSCEOLA), FL - NL 28-09-29; WL 81-27-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

St. Cloud (OSCEOLA), FL - NL 28-14-58; WL 81-16-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %

Frequency Information

St. Cloud (OSCEOLA), FL - NL 28-14-58; WL 81-16-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Longwood (SEMINOLE), FL - NL 28-40-48; WL 81-26-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Wekia Springs (SEMINOLE), FL - NL 28-42-16; WL 81-25-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Wekia Springs (SEMINOLE), FL - NL 28-42-16; WL 81-25-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-34-46; WL 81-28-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-30-06; WL 81-19-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Orlando (ORANGE), FL - NL 28-31-12; WL 81-21-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Winter Park (ORANGE), FL - NL 28-37-10; WL 81-17-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-33-06; WL 81-13-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Orlando (ORANGE), FL - NL 28-33-06; WL 81-13-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-32-01; WL 81-18-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Oviedo (SEMINOLE), FL - NL 28-36-54; WL 81-14-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %

Frequency Information

Oviedo (SEMINOLE), FL - NL 28-36-54; WL 81-14-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-36-54; WL 81-14-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-27.6 GHz	FX	100MD7D	121.6 W (ERP)	0.001 %
27.7-28.05 GHz	FX	350MD7D	121.6 W (ERP)	0.001 %
28.15-28.35 GHz	FX	200MD7D	121.6 W (ERP)	0.001 %

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Operation must be coordinated with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to commencing the experiments (ULS).
- (5) Operation must be prior coordinated with the incumbent licensees in the Ka-Band (IBFS).
- (6) Any renewals are subject to additional review for interference to any new satellite operations in the band. There will be no automatic renewal for this authorization.
- (7) Experimental station shall use the minimum power level necessary to close the communications link to minimize potential interference to licensed users.
- (8) Licensee shall ensure that the transmitting base fixed station antenna(s) tip down and avoid pointing above the horizon in order to protect satellite stations in the geostationary orbital arc.

Special Conditions:

- (9) All of the experimental devices will be retrieved by CCO Fiberlink, LLC upon completion of the operation.