

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WJ2XEQ

(Call Sign)

0659-EX-CN-2017

(File Number)

NAME SmarterBroadband, Inc.

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(k) of the Commission's Rules

Station Locations

- (1) Grass Valley (NEVADA), CA - NL 39-08-02; WL 121-05-59
- (2) Grass Valley (NEVADA), CA - NL 39-08-02; WL 121-05-59
- (3) Grass Valley, CA - NL 39-08-02; WL 121-05-59
- (4) Grass Valley, CA - NL 39-08-02; WL 121-05-59
- (5) Grass Valley, CA - NL 39-08-02; WL 121-05-59
- (6) Grass Valley, CA - NL 39-08-02; WL 121-05-59
- (7) Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49
- (8) Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49
- (9) Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49
- (10) Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49
- (11) Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49
- (12) Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49
- (13) Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57
- (14) Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57
- (15) Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57
- (16) Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57
- (17) Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57
- (18) Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57
- (19) Colfax (PLACER), CA - NL 39-08-09; WL 120-55-31
- (20) Colfax (NEVADA), CA - NL 39-08-09; WL 120-55-31
- (21) Grass Valley (NEVADA), CA - NL 39-13-49; WL 121-05-22
- (22) Grass Valley (NEVADA), CA - NL 39-13-49; WL 121-05-22
- (23) Colfax (PLACER), CA - NL 39-06-18; WL 120-57-23
- (24) Colfax (NEVADA), CA - NL 39-06-18; WL 120-57-23
- (25) Colfax (NEVADA), CA - NL 39-06-18; WL 120-57-23

This authorization effective January 11, 2018 and
will expire 3:00 A.M. EST January 01, 2020

FEDERAL
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Station Locations

- (26) Colfax (NEVADA), CA - NL 39-06-18; WL 120-57-23
- (27) Nevada City (NEVADA), CA - NL 39-16-32; WL 120-53-53
- (28) Nevada City (NEVADA), CA - NL 39-16-32; WL 120-53-53
- (29) Nevada City (NEVADA), CA - NL 39-16-32; WL 120-53-53
- (30) Meadow Vista (PLACER), CA - NL 38-59-47; WL 121-04-23
- (31) Meadow Vista (PLACER), CA - NL 38-59-47; WL 121-04-23
- (32) Meadow Vista (PLACER), CA - NL 38-59-47; WL 121-04-23
- (33) Meadow Vista (PLACER), CA - NL 38-59-47; WL 121-04-23
- (34) Nevada City (NEVADA), CA - NL 39-19-04; WL 121-07-14
- (35) Nevada City (NEVADA), CA - NL 39-19-04; WL 121-07-14
- (36) Nevada City (NEVADA), CA - NL 39-19-04; WL 121-07-14
- (37) Auburn (PLACER), CA - NL 38-59-19; WL 121-08-49
- (38) Auburn (PLACER), CA - NL 38-59-17; WL 121-08-52
- (39) Auburn (PLACER), CA - NL 39-00-17; WL 121-05-17
- (40) Auburn (PLACER), CA - NL 39-00-17; WL 121-05-17
- (41) Dutch Flat (PLACER), CA - NL 39-10-21; WL 120-49-56
- (42) Dutch Flat (PLACER), CA - NL 39-10-21; WL 120-49-56

Frequency Information

Grass Valley (NEVADA), CA - NL 39-08-02; WL 121-05-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Grass Valley (NEVADA), CA - NL 39-08-02; WL 121-05-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

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Grass Valley, CA - NL 39-08-02; WL 121-05-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Frequency Information

Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Frequency Information

Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Grass Valley (NEVADA), CA - NL 39-11-06; WL 120-57-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Frequency Information

Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Penn Valley (NEVADA), CA - NL 39-10-10; WL 121-10-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Frequency Information

Colfax (PLACER), CA - NL 39-08-09; WL 120-55-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Colfax (NEVADA), CA - NL 39-08-09; WL 120-55-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Grass Valley (NEVADA), CA - NL 39-13-49; WL 121-05-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Grass Valley (NEVADA), CA - NL 39-13-49; WL 121-05-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Frequency Information

Colfax (PLACER), CA - NL 39-06-18; WL 120-57-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Colfax (NEVADA), CA - NL 39-06-18; WL 120-57-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Colfax (NEVADA), CA - NL 39-06-18; WL 120-57-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Colfax (NEVADA), CA - NL 39-06-18; WL 120-57-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Frequency Information

Nevada City (NEVADA), CA - NL 39-16-32; WL 120-53-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Nevada City (NEVADA), CA - NL 39-16-32; WL 120-53-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Nevada City (NEVADA), CA - NL 39-16-32; WL 120-53-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Meadow Vista (PLACER), CA - NL 38-59-47; WL 121-04-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Frequency Information

Meadow Vista (PLACER), CA - NL 38-59-47; WL 121-04-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Meadow Vista (PLACER), CA - NL 38-59-47; WL 121-04-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Meadow Vista (PLACER), CA - NL 38-59-47; WL 121-04-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Nevada City (NEVADA), CA - NL 39-19-04; WL 121-07-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Frequency Information

Nevada City (NEVADA), CA - NL 39-19-04; WL 121-07-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Nevada City (NEVADA), CA - NL 39-19-04; WL 121-07-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Auburn (PLACER), CA - NL 38-59-19; WL 121-08-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Auburn (PLACER), CA - NL 38-59-17; WL 121-08-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Frequency Information

Auburn (PLACER), CA - NL 39-00-17; WL 121-05-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Auburn (PLACER), CA - NL 39-00-17; WL 121-05-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Dutch Flat (PLACER), CA - NL 39-10-21; WL 120-49-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Dutch Flat (PLACER), CA - NL 39-10-21; WL 120-49-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	38 W (ERP)	

Special Conditions:

- (1) Licensee is required to ensure that trial devices are either rendered inoperable or retrieved by them from trial participants at the conclusion of the trial. Licensee is required to notify trial participants in advance that operation of the trial device is subject to this condition.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (5) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (6) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (7) Licensee may not involve more than 20% of its customers in this market trial.
- (8) This license will not be renewed.