

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XYZ

(Call Sign)

0455-EX-CN-2017

(File Number)

NAME Virginia Everywhere, LLC dba All Points Broadband

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(h) of the Commission's Rules

Station Locations

- (1) Salem (ROANOKE), VA - NL 37-15-06; WL 80-04-55
- (2) Salem (ROANOKE), VA - NL 37-15-06; WL 80-04-55
- (3) Christiansburg (MONTGOMERY), VA - NL 37-06-12; WL 80-30-40
- (4) Dublin (PULASKI), VA - NL 37-06-02; WL 80-40-37
- (5) Christiansburg (MONTGOMERY), VA - NL 37-07-11; WL 80-25-40
- (6) Christiansburg (MONTGOMERY), VA - NL 37-07-11; WL 80-25-40
- (7) Christiansburg (MONTGOMERY), VA - NL 37-07-11; WL 80-25-40
- (8) Christiansburg (MONTGOMERY), VA - NL 37-09-03; WL 80-24-16
- (9) Christiansburg (MONTGOMERY), VA - NL 37-06-38; WL 80-26-01
- (10) Radford (MONTGOMERY), VA - NL 37-08-58; WL 80-32-04
- (11) Christiansburg (MONTGOMERY), VA - NL 37-10-16; WL 80-28-56
- (12) Christiansburg (MONTGOMERY), VA - NL 37-08-21; WL 80-23-07
- (13) Christiansburg (MONTGOMERY), VA - NL 37-08-25; WL 80-22-20
- (14) Radford (MONTGOMERY), VA - NL 37-06-18; WL 80-33-47
- (15) Radford (MONTGOMERY), VA - NL 37-08-08; WL 80-33-52
- (16) Blacksburg (MONTGOMERY), VA - NL 37-15-15; WL 80-24-28
- (17) Blacksburg (MONTGOMERY), VA - NL 37-15-15; WL 80-24-28
- (18) Blacksburg (MONTGOMERY), VA - NL 37-15-15; WL 80-24-28
- (19) Blacksburg (MONTGOMERY), VA - NL 37-15-15; WL 80-24-28
- (20) Christiansburg (MONTGOMERY), VA - NL 37-09-10; WL 80-25-19
- (21) Blacksburg (MONTGOMERY), VA - NL 37-11-14; WL 80-27-20
- (22) Blacksburg (MONTGOMERY), VA - NL 37-11-14; WL 80-27-20
- (23) Riner (MONTGOMERY), VA - NL 37-03-21; WL 80-26-20
- (24) Riner (MONTGOMERY), VA - NL 37-03-21; WL 80-26-20
- (25) Riner (MONTGOMERY), VA - NL 37-02-28; WL 80-25-07

This authorization effective August 10, 2017 and
will expire 3:00 A.M. EST August 01, 2019

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Station Locations

- (26) Christiansburg (MONTGOMERY), VA - NL 37-08-21; WL 80-24-22
- (27) Daleville (ROANOKE), VA - NL 37-22-23; WL 79-55-39
- (28) Daleville (ROANOKE), VA - NL 37-22-23; WL 79-55-39
- (29) Radford, VA - NL 37-09-03; WL 80-33-13
- (30) Dublin (PULASKI), VA - NL 37-10-43; WL 80-43-39
- (31) Dublin (PULASKI), VA - NL 37-10-43; WL 80-43-39
- (32) Newport (GILES), VA - NL 37-21-00; WL 80-32-13
- (33) Newport (GILES), VA - NL 37-21-00; WL 80-32-13
- (34) Ripplemead (GILES), VA - NL 37-22-09; WL 80-37-23
- (35) Ripplemead (GILES), VA - NL 37-22-09; WL 80-37-23
- (36) Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46
- (37) Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46
- (38) Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46
- (39) Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46
- (40) Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46

Frequency Information

Salem (ROANOKE), VA - NL 37-15-06; WL 80-04-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Salem (ROANOKE), VA - NL 37-15-06; WL 80-04-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Christiansburg (MONTGOMERY), VA - NL 37-06-12; WL 80-30-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Frequency Information

Dublin (PULASKI), VA - NL 37-06-02; WL 80-40-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Christiansburg (MONTGOMERY), VA - NL 37-07-11; WL 80-25-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Christiansburg (MONTGOMERY), VA - NL 37-07-11; WL 80-25-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Christiansburg (MONTGOMERY), VA - NL 37-07-11; WL 80-25-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Frequency Information

Christiansburg (MONTGOMERY), VA - NL 37-09-03; WL 80-24-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Christiansburg (MONTGOMERY), VA - NL 37-06-38; WL 80-26-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Radford (MONTGOMERY), VA - NL 37-08-58; WL 80-32-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Christiansburg (MONTGOMERY), VA - NL 37-10-16; WL 80-28-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Frequency Information

Christiansburg (MONTGOMERY), VA - NL 37-08-21; WL 80-23-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Christiansburg (MONTGOMERY), VA - NL 37-08-25; WL 80-22-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Radford (MONTGOMERY), VA - NL 37-06-18; WL 80-33-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Radford (MONTGOMERY), VA - NL 37-08-08; WL 80-33-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Frequency Information

Blacksburg (MONTGOMERY), VA - NL 37-15-15; WL 80-24-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Blacksburg (MONTGOMERY), VA - NL 37-15-15; WL 80-24-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Blacksburg (MONTGOMERY), VA - NL 37-15-15; WL 80-24-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Blacksburg (MONTGOMERY), VA - NL 37-15-15; WL 80-24-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Frequency Information

Christiansburg (MONTGOMERY), VA - NL 37-09-10; WL 80-25-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Blacksburg (MONTGOMERY), VA - NL 37-11-14; WL 80-27-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Blacksburg (MONTGOMERY), VA - NL 37-11-14; WL 80-27-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Riner (MONTGOMERY), VA - NL 37-03-21; WL 80-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Frequency Information

Riner (MONTGOMERY), VA - NL 37-03-21; WL 80-26-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Riner (MONTGOMERY), VA - NL 37-02-28; WL 80-25-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Christiansburg (MONTGOMERY), VA - NL 37-08-21; WL 80-24-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Daleville (ROANOKE), VA - NL 37-22-23; WL 79-55-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Frequency Information

Daleville (ROANOKE), VA - NL 37-22-23; WL 79-55-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Radford, VA - NL 37-09-03; WL 80-33-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Dublin (PULASKI), VA - NL 37-10-43; WL 80-43-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Dublin (PULASKI), VA - NL 37-10-43; WL 80-43-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Frequency Information

Newport (GILES), VA - NL 37-21-00; WL 80-32-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Newport (GILES), VA - NL 37-21-00; WL 80-32-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Ripplemead (GILES), VA - NL 37-22-09; WL 80-37-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.0E-6 %

Ripplemead (GILES), VA - NL 37-22-09; WL 80-37-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.0E-6 %

Frequency Information

Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

Frequency Information

Pulaski (PULASKI), VA - NL 37-01-29; WL 80-44-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3650 MHz	FX	20M0W7D	23.084 W (ERP)	7.7E-6 %

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) 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."
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Operations, shall not cause harmful interference to, and shall not claim protection from interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (7) Transmitters must comply with earth station protection requirements established in 47 C.F.R. §96.17 (a) and 47 C.F.R. §96.17 (f).
- (8) Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Virginia Everywhere, LLC's risk.
- (9) All the experimental devices will be under the control of Virginia Everywhere, LLC and they will be retrieved by Virginia Everywhere, LLC from the participants upon completion of the operation.
- (10) Prior to the start of operations in the 3550 -3650 MHz band, Virginia Everywhere, LLC, must notify by email all the earth stations within 15 km of CBRS small cell transmitters. This notice must include the name and contact information of the stop buzzer personnel in case of interference. The notification should also include the testing parameters and the day and times of each test. Consult MyIBFS database to identify all existing registered earth stations in band (3550-3700 MHz) and adjacent band (3700-4200 MHz).
- (11) The transmit power is limited as prescribe in 47 C.F.R. §96.41 to ensure compatibility with incumbent FSS operators in the 3550-3700 MHz band.