

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

EXPERIMENTAL

(Nature of Service)

WI2XHR

(Call Sign)

XT FX MO

(Class of Station)

0227-EX-PL-2016

(File Number)

NAME T-Mobile License 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(h) of the Commission's Rules

Station Locations

- (1) Bellevue (KING), WA - NL 47-34-59; WL 122-10-09; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-34-59; WL 122-10-09
- (2) Bellevue (KING), WA - NL 47-34-59; WL 122-10-09; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-34-59; WL 122-10-09
- (3) Bellevue (KING), WA - NL 47-34-59; WL 122-10-09; MOBILE: , within 2 km, centered around NL 47-34-59; WL 122-10-09
- (4) Bellevue (KING), WA - NL 47-37-32; WL 122-09-48; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-37-32; WL 122-09-48
- (5) Bothell (KING), WA - NL 47-46-21; WL 122-11-17; MOBILE: Bothell, WA, within 2 km, centered around NL 47-46-21; WL 122-11-17
- (6) Bothell (KING), WA - NL 47-46-21; WL 122-11-17; MOBILE: Bothel, WA, within 2 km, centered around NL 47-46-21; WL 122-11-17
- (7) Bothell (KING), WA - NL 47-46-21; WL 122-11-17; MOBILE: Bothell, WA, within 2 km, centered around NL 47-46-21; WL 122-11-17
- (8) Bellevue (KING), WA - NL 47-36-57; WL 122-11-53; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-36-57; WL 122-11-53
- (9) Bellevue (KING), WA - NL 47-36-57; WL 122-11-53; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-36-57; WL 122-11-53
- (10) Bellevue (KING), WA - NL 47-36-57; WL 122-11-53; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-36-57; WL 122-11-53

This authorization effective May 04, 2016 and
will expire 3:00 A.M. EST May 01, 2018

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

Bellevue (KING), WA - NL 47-34-59; WL 122-10-09; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-34-59; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
27.5-28.35 GHz	MO	800MW7W	80 W (ERP)	
37-38.6 GHz	FX	1G20W7W	80 W (ERP)	
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Bellevue (KING), WA - NL 47-34-59; WL 122-10-09; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-34-59; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
27.5-28.35 GHz	MO	800MW7W	80 W (ERP)	
37-38.6 GHz	FX	1G20W7W	80 W (ERP)	

Frequency Information

Bellevue (KING), WA - NL 47-34-59; WL 122-10-09; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-34-59; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Bellevue (KING), WA - NL 47-34-59; WL 122-10-09; MOBILE: , within 2 km, centered around NL 47-34-59; WL 122-10-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
27.5-28.35 GHz	MO	800MW7W	80 W (ERP)	
37-38.6 GHz	FX	1G20W7W	80 W (ERP)	
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Frequency Information

Bellevue (KING), WA - NL 47-37-32; WL 122-09-48; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-37-32; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
27.5-28.35 GHz	MO	800MW7W	80 W (ERP)	
37-38.6 GHz	FX	1G20W7W	80 W (ERP)	
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Bothell (KING), WA - NL 47-46-21; WL 122-11-17; MOBILE: Bothell, WA, within 2 km, centered around NL 47-46-21; WL 122-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
27.5-28.35 GHz	MO	800MW7W	80 W (ERP)	
37-38.6 GHz	FX	1G20W7W	80 W (ERP)	

Frequency Information

Bothell (KING), WA - NL 47-46-21; WL 122-11-17; MOBILE: Bothell, WA, within 2 km, centered around NL 47-46-21; WL 122-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Bothell (KING), WA - NL 47-46-21; WL 122-11-17; MOBILE: Bothel, WA, within 2 km, centered around NL 47-46-21; WL 122-:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
27.5-28.35 GHz	MO	800MW7W	80 W (ERP)	
37-38.6 GHz	FX	1G20W7W	80 W (ERP)	
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Frequency Information

Bothell (KING), WA - NL 47-46-21; WL 122-11-17; MOBILE: Bothell, WA, within 2 km, centered around NL 47-46-21; WL 122-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
27.5-28.35 GHz	MO	800MW7W	80 W (ERP)	
37-38.6 GHz	FX	1G20W7W	80 W (ERP)	
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Bellevue (KING), WA - NL 47-36-57; WL 122-11-53; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-36-57; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
27.5-28.35 GHz	MO	800MW7W	80 W (ERP)	
37-38.6 GHz	FX	1G20W7W	80 W (ERP)	

Frequency Information

Bellevue (KING), WA - NL 47-36-57; WL 122-11-53; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-36-57; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Bellevue (KING), WA - NL 47-36-57; WL 122-11-53; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-36-57; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
27.5-28.35 GHz	MO	800MW7W	80 W (ERP)	
37-38.6 GHz	FX	1G20W7W	80 W (ERP)	
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Frequency Information

Bellevue (KING), WA - NL 47-36-57; WL 122-11-53; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-36-57; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	800MW7W	80 W (ERP)	
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37-38.6 GHz	FX	1G20W7W	80 W (ERP)	
37-38.6 GHz	MO	1G20W7W	80 W (ERP)	
38.6-40 GHz	FX	1G20W7W	80 W (ERP)	
38.6-40 GHz	MO	1G20W7W	80 W (ERP)	

Special Conditions:

- (1) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The applicant must coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to commencing the test operations.
- (5) Prior to operation, the applicant must coordinate with stations authorized to operate in these frequency bands that are located within a within a 25 mile radius of the transmitter.