

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

EXPERIMENTAL

(Nature of Service)

WF2XBT

(Call Sign)

XD FX MO

(Class of Station)

0190-EX-ML-2011

(File Number)

NAME Microsoft Corporation

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(g, i) of the Commission's Rules

Station Locations

- (1) Redmond (KING), WA - NL 47-38-39; WL 122-07-58; MOBILE: Redmond (KING), WA, within 4 km, centered around NL 47-38-39; WL 122-07-58
- (2) Bellevue (KING), WA - NL 47-34-57; WL 122-07-47; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-34-57; WL 122-07-47
- (3) Bellevue (KING), WA - NL 47-36-59; WL 122-11-30; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-36-59; WL 122-01-30
- (4) Redmond (KING), WA - NL 47-38-23; WL 122-07-48; MOBILE: Redmond, WA, within 2 km, centered around NL 47-38-23; WL 122-07-48
- (5) Redmond (KING), WA - NL 47-40-10; WL 122-07-08; MOBILE: Redmond Town Center, within 2 km, centered around NL 47-40-10; WL 122-07-08
- (6) Seattle (KING), WA - NL 47-37-18; WL 122-20-18; MOBILE: Seattle, WA, within 2 km, centered around NL 47-37-18; WL 122-20-18
- (7) Seattle (KING), WA - NL 47-36-07; WL 122-19-55; MOBILE: Seattle, WA, within 2 km, centered around NL 47-36-07; WL 122-19-55

Frequency Information

Redmond (KING), WA - NL 47-38-39; WL 122-07-58; MOBILE: Redmond (KING), WA, within 4 km, centered around NL 47-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-216 MHz	FX	10M2X3D	2.43 W (ERP)	

This authorization effective September 08, 2011 and
will expire 3:00 A.M. EST February 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Redmond (KING), WA - NL 47-38-39; WL 122-07-58; MOBILE: Redmond (KING), WA, within 4 km, centered around NL 47-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-216 MHz	MO	10M2X3D	0.061 W (ERP)	
512-608 MHz	FX	10M2X3D	2.43 W (ERP)	
512-608 MHz	MO	10M2X3D	0.061 W (ERP)	
614-698 MHz	FX	10M2X3D	2.43 W (ERP)	
614-698 MHz	MO	10M2X3D	0.061 W (ERP)	

Bellevue (KING), WA - NL 47-34-57; WL 122-07-47; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-34-57; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-216 MHz	FX	10M2X3D	2.43 W (ERP)	
174-216 MHz	MO	10M2X3D	0.061 W (ERP)	
512-608 MHz	FX	10M2X3D	2.43 W (ERP)	
512-608 MHz	MO	10M2X3D	0.061 W (ERP)	

Frequency Information

Bellevue (KING), WA - NL 47-34-57; WL 122-07-47; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-34-57; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-698 MHz	FX	10M2X3D	2.43 W (ERP)	
614-698 MHz	MO	10M2X3D	0.061 W (ERP)	

Bellevue (KING), WA - NL 47-36-59; WL 122-11-30; MOBILE: Bellevue, WA, within 2 km, centered around NL 47-36-59; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-216 MHz	FX	10M2X3D	2.43 W (ERP)	
174-216 MHz	MO	10M2X3D	0.061 W (ERP)	
512-608 MHz	FX	10M2X3D	2.43 W (ERP)	
512-608 MHz	MO	10M2X3D	0.061 W (ERP)	
614-698 MHz	FX	10M2X3D	2.43 W (ERP)	
614-698 MHz	MO	10M2X3D	0.061 W (ERP)	

Frequency Information

Redmond (KING), WA - NL 47-38-23; WL 122-07-48; MOBILE: Redmond, WA, within 2 km, centered around NL 47-38-23; W

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-216 MHz	FX	10M2X3D	2.43 W (ERP)	
174-216 MHz	MO	10M2X3D	0.061 W (ERP)	
512-608 MHz	FX	10M2X3D	2.43 W (ERP)	
512-608 MHz	MO	10M2X3D	0.061 W (ERP)	
614-698 MHz	FX	10M2X3D	2.43 W (ERP)	
614-698 MHz	MO	10M2X3D	0.061 W (ERP)	

Redmond (KING), WA - NL 47-40-10; WL 122-07-08; MOBILE: Redmond Town Center, within 2 km, centered around NL 47-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-216 MHz	FX	10M2X3D	2.43 W (ERP)	
174-216 MHz	MO	10M2X3D	0.061 W (ERP)	
512-608 MHz	FX	10M2X3D	2.43 W (ERP)	

Frequency Information

Redmond (KING), WA - NL 47-40-10; WL 122-07-08; MOBILE: Redmond Town Center, within 2 km, centered around NL 47-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
512-608 MHz	MO	10M2X3D	0.061 W (ERP)	
614-698 MHz	FX	10M2X3D	2.43 W (ERP)	
614-698 MHz	MO	10M2X3D	0.061 W (ERP)	

Seattle (KING), WA - NL 47-37-18; WL 122-20-18; MOBILE: Seattle, WA, within 2 km, centered around NL 47-37-18; WL 122-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-216 MHz	FX	10M2X3D	2.43 W (ERP)	
174-216 MHz	MO	10M2X3D	0.061 W (ERP)	
512-608 MHz	FX	10M2X3D	2.43 W (ERP)	
512-608 MHz	MO	10M2X3D	0.061 W (ERP)	
614-698 MHz	FX	10M2X3D	2.43 W (ERP)	
614-698 MHz	MO	10M2X3D	0.061 W (ERP)	

Frequency Information

Seattle (KING), WA - NL 47-36-07; WL 122-19-55; MOBILE: Seattle, WA, within 2 km, centered around NL 47-36-07; WL 122

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-216 MHz	FX	10M2X3D	2.43 W (ERP)	
174-216 MHz	MO	10M2X3D	0.061 W (ERP)	
512-608 MHz	FX	10M2X3D	2.43 W (ERP)	
512-608 MHz	MO	10M2X3D	0.061 W (ERP)	
614-698 MHz	FX	10M2X3D	2.43 W (ERP)	
614-698 MHz	MO	10M2X3D	0.061 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) All of the experimental devices will be retrieved by Microsoft Corporation from the participants upon completion of the experiment.