

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

EXPERIMENTAL

(Nature of Service)

WC2XPR

(Call Sign)

XD FX MO

(Class of Station)

0133-EX-ML-2005

(File Number)

NAME Ericsson Wireless Communications 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(d,f,g,i) of the Commission's Rules

Station Locations

(1) Boulder (BOULDER), CO - NL 40-03-59; WL 105-12-27; MOBILE: , within 25 km

Frequency Information

Boulder (BOULDER), CO - NL 40-03-59; WL 105-12-27; MOBILE: , within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-806 MHz	FX	1M25F9W 5M00GXW	500 W (ERP)	
746-806 MHz	MO	1M25F9W 5M00GXW	500 W (ERP)	
806-902 MHz	FX	1M25F9W 5M00GXW	500 W (ERP)	
806-902 MHz	MO	1M25F9W	500 W (ERP)	

This authorization effective February 03, 2006 and
will expire 3:00 A.M. EST November 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
806-902 MHz	MO	5M00GXW	500 W (ERP)	
935-940 MHz	MO	1M25F9W 5M00GXW	500 W (ERP)	
935-940 MHz	FX	1M25F9W 5M00GXW	500 W (ERP)	
1850-1990 MHz	MO	1M25F9W 5M00GXW	500 W (ERP)	
1850-1990 MHz	FX	1M25F9W 5M00GXW	500 W (ERP)	
1990-2025 MHz	FX	1M25F9W 5M00GXW	500 W (ERP)	
1990-2025 MHz	MO	5M00GXW 1M25F9W	500 W (ERP)	
2110-2170 MHz	MO	5M00GXW 1M25F9W	500 W (ERP)	
2110-2170 MHz	FX	1M25F9W	500 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2170 MHz	FX	5M00GXW	500 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (4) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Ronald Haraseth; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (5) 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.
- (6) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (7) Licensee must comply with the requirements of Section 1.924(b)(1).
- (8) Licensee is authorized to operate up to 50 units per test without obtaining further approval from the Commission.
- (9) All operation on frequencies allocated to the satellite communications service must be prior coordinated in accordance with Sections 25.251, and 25.252.
- (10) All operation on frequencies allocated to the fixed microwave service must be prior coordinated with existing fixed microwave stations in accordance with Section 101.103(d).