

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

EXPERIMENTAL

(Nature of Service)

KA2XVB

(Call Sign)

XD FX MO

(Class of Station)

0035-EX-RR-2001

(File Number)

NAME ERICSSON GE MOBILE 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. 5.202(h) of the Commission's Rules

Station Locations

- (1) DURHAM, NC - NL 35-54-00; WL 78-53-23
- (2) MOBILE: within 80 km, centered around NL 35-54-00; WL 78-53-23

Frequency Information

DURHAM, NC - NL 35-54-00; WL 78-53-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
810.3125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
810.3125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
810.3125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
810.3125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
810.3125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
810.3125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
810.3125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
810.3125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
810.3125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
810.3125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
810.4375 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
810.4375 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
810.4375 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
810.4375 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
810.4375 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %

This authorization effective February 01, 2001 and
will expire 3:00 A.M. EST February 01, 2003

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

DURHAM, NC - NL 35-54-00; WL 78-53-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
810.4375 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
810.4375 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
810.4375 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
810.4375 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
810.4375 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
811.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
811.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
811.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
811.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
811.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
811.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
811.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
811.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
811.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
811.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
812.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
812.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
812.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
812.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
812.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
812.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
812.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
812.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
812.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
812.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
813.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
813.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
813.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
813.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
813.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
813.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
813.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
813.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
813.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
813.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
814.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
814.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
814.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
814.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %

Frequency Information

DURHAM, NC - NL 35-54-00; WL 78-53-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
814.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
814.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
814.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
814.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
814.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
814.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
814.9125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
814.9125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
814.9125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
814.9125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
814.9125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
814.9125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
814.9125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
814.9125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
814.9125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
814.9125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
815.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
815.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
815.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
815.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
815.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
815.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
815.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
815.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
815.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
815.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
855.3125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
855.3125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
855.3125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
855.3125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
855.3125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
855.3125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
855.3125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
855.3125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
855.3125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
855.3125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
855.4375 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
855.4375 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
855.4375 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %

Frequency Information

DURHAM, NC - NL 35-54-00; WL 78-53-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
855.4375 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
855.4375 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
855.4375 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
855.4375 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
855.4375 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
855.4375 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
855.4375 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
856.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
856.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
856.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
856.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
856.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
856.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
856.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
856.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
856.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
856.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
857.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
857.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
857.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
857.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
857.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
857.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
857.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
857.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
857.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
857.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
858.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
858.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
858.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
858.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
858.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
858.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
858.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
858.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
858.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
858.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
859.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
859.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %

Frequency Information

DURHAM, NC - NL 35-54-00; WL 78-53-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
859.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
859.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
859.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
859.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
859.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
859.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
859.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
859.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
859.9125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
859.9125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
859.9125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
859.9125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
859.9125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
859.9125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
859.9125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
859.9125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
859.9125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
859.9125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %
860.4125 MHz	FX	15K0F1B	100 W (Output Power)	0.00015 %
860.4125 MHz	FX	15K0F1D	100 W (Output Power)	0.00015 %
860.4125 MHz	FX	15K0F1E	100 W (Output Power)	0.00015 %
860.4125 MHz	FX	15K0F2D	100 W (Output Power)	0.00015 %
860.4125 MHz	FX	16K0F3E	100 W (Output Power)	0.00015 %
860.4125 MHz	MO	15K0F1B	100 W (Output Power)	0.00025 %
860.4125 MHz	MO	15K0F1D	100 W (Output Power)	0.00025 %
860.4125 MHz	MO	15K0F1E	100 W (Output Power)	0.00025 %
860.4125 MHz	MO	15K0F2D	100 W (Output Power)	0.00025 %
860.4125 MHz	MO	16K0F3E	100 W (Output Power)	0.00025 %

Special Conditions:

- (1) Prior to operation, licensee must coordinate with the existing and future licensed users in the area of operation to avoid interference.