

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

EXPERIMENTAL

(Nature of Service)

WE2XBY

(Call Sign)

XD MO

(Class of Station)

0171-EX-RR-2009

(File Number)

NAME LGS Innovations, 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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: In and around 1200 W. 120th Ave, Westminster, CO 80234, within 0.5 km, centered around NL 39-54-37; WL 105-00-05

Frequency Information

MOBILE: In and around 1200 W. 120th Ave, Westminster, CO 80234, within 0.5 km, centered around NL 39-54-37; WL 105-00-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-494 MHz	MO	1M25F9W	5 W (ERP)	
728-768 MHz	MO	10M0F9W	5 W (ERP)	
869-894 MHz	MO	200KG7W 1M25F9W 10M0F9W	5 W (ERP)	
925-960 MHz	MO	200KG7W	5 W (ERP)	

This authorization effective August 01, 2009 and
will expire 3:00 A.M. EST August 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: In and around 1200 W. 120th Ave, Westminster, CO 80234, within 0.5 km, centered around NL 39-54-37; WL 105-00-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	4M20F9W 20M0F9W	5 W (ERP)	
1805-1880 MHz	MO	200KG7W 4M20F9W 20M0F9W	5 W (ERP)	
1930-1990 MHz	MO	200KG7W 1M25F9W 4M20F9W 20M0F9W	5 W (ERP)	
2110-2170 MHz	MO	4M20F9W 20M0F9W	5 W (ERP)	
2620-2690 MHz	MO	20M0F9W	5 W (ERP)	

Special Conditions:

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) 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.
- (3) 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.
- (4) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (5) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.

Special Conditions:

- (6) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (7) 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.
- (8) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.