

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WA2XSW

(Call Sign)

0151-EX-RR-2000

(File Number)

NAME GTE LABORATORIES INCORPORATED

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(i) of the Commission's Rules

Station Locations

(1) WALTHAM, MA - NL 42-23-43; WL 71-16-20; MOBILE:within 56 km

Frequency Information

WALTHAM, MA - NL 42-23-43; WL 71-16-20; MOBILE:within 56 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-944 MHz	FX	100MF9W	151 W (ERP)	
1850-1910 MHz	FX	100MF9W	120 W (ERP)	
1930-1990 MHz	FX	100MF9W	120 W (ERP)	
2150-2162 MHz	FX	100MF9W	603 W (ERP)	
2500-2690 MHz	FX	100MF9W	600 W (ERP)	
5725-5850 MHz	FX	100MF9W	48 W (ERP)	
10150-10500 MHz	FX	8M00F9W	100 W (ERP)	
10550-10650 MHz	FX	8M00F9W	100 W (ERP)	
21200-23600 MHz	FX	50M0F9W	1000 W (ERP)	
24500-27000 MHz	FX	50M0F9W	1000 W (ERP)	
27000-31300 MHz	FX	100MF9W	190 W (ERP)	
31300-32000 MHz	FX	100MF9W	190 W (ERP)	
37000-39500 MHz	FX	50M0F9W	1000 W (ERP)	
59000-64000 MHz	FX	300MF9W	100 W (ERP)	

This authorization effective December 01, 2000 and
will expire 3:00 A.M. EST December 01, 2002

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) The station identification requirements of Section 5.152 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 in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.