

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WE2XSS

(Call Sign)

0139-EX-PL-2008

(File Number)

NAME Sirius Satellite Radio 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(i) of the Commission's Rules

Station Locations

- (1) Lawrenceville, NJ - NL 40-17-17; WL 74-42-34; MOBILE: Lawrenceville, NJ, within 10 km
- (2) Ocean County, NJ - NL 40-08-07; WL 74-27-30; MOBILE: Ocean County, NJ, within 1 km, centered around NL 40-08-07; WL 74-27-30
- (3) Howell, NJ - NL 40-10-17; WL 74-12-10; MOBILE: Howell, NJ, within 1 km, centered around NL 40-10-17; WL 74-12-10
- (4) Deerfield Beach, FL - NL 26-18-15; WL 80-08-48; MOBILE: Deerfield Beach, FL, within 5 km, centered around NL 26-18-15; WL 80-08-48
- (5) Vernon (SUSSEX), NJ - NL 41-12-47; WL 74-29-37; MOBILE: Vernon, NJ, within 1 km, centered around NL 41-12-47; WL 74-29-37
- (6) Palm Beach County, FL - NL 26-42-36; WL 80-25-12; MOBILE: Palm Beach County, FL, within 10 km, centered around NL 26-42-36; WL 80-25-12

Frequency Information

Lawrenceville, NJ - NL 40-17-17; WL 74-42-34; MOBILE: Lawrenceville, NJ, within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2320 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2305-2320 MHz	MO	5M00W7W	12.2 W (ERP)	

This authorization effective July 17, 2008 and
will expire 3:00 A.M. EST July 17, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Lawrenceville, NJ - NL 40-17-17; WL 74-42-34; MOBILE: Lawrenceville, NJ, within 10 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2320 MHz	MO	10K0N0N	12.2 W (ERP)	
2345-2360 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	

Ocean County, NJ - NL 40-08-07; WL 74-27-30; MOBILE: Ocean County, NJ, within 1 km, centered around NL 40-08-07; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2320 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	
2305-2320 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	

Frequency Information

Howell, NJ - NL 40-10-17; WL 74-12-10; MOBILE: Howell, NJ, within 1 km, centered around NL 40-10-17; WL 74-12-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2320 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2305-2320 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	

Deerfield Beach, FL - NL 26-18-15; WL 80-08-48; MOBILE: Deerfield Beach, FL, within 5 km, centered around NL 26-18-15;

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2320 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2305-2320 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	

Frequency Information

Deerfield Beach, FL - NL 26-18-15; WL 80-08-48; MOBILE: Deerfield Beach, FL, within 5 km, centered around NL 26-18-15;

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2345-2360 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	

Vernon (SUSSEX), NJ - NL 41-12-47; WL 74-29-37; MOBILE: Vernon, NJ, within 1 km, centered around NL 41-12-47; WL 74

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2320 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2305-2320 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	

Palm Beach County, FL - NL 26-42-36; WL 80-25-12; MOBILE: Palm Beach County, FL, within 10 km, centered around NL 2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2320 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	

Frequency Information

Palm Beach County, FL - NL 26-42-36; WL 80-25-12; MOBILE: Palm Beach County, FL, within 10 km, centered around NL 2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2320 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	FX	5M00W7W 10K0N0N	12.2 W (ERP)	
2345-2360 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) This frequency assignment in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Aerospace and Flight Test Radio Coordinating Council (AFTRCC). Use of this frequency under the authority of this assignment is subject to such further coordination with the AFTRCC as necessary to ensure compatibility with existing uses.
- (4) Operations are subject to prior coordination with affected existing Wireless Communications Services (WCS) licensees.