

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WD9XDT

(Call Sign)

0085-EX-ST-2008

(File Number)

NAME Sirius Satellite Radio Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To research the impact on satellite radio receivers.

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	12.2 W (ERP)	

This authorization effective March 05, 2008 and
will expire 3:00 A.M. EST April 05, 2008

**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	FX	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)	

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	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

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 (+/-)
2345-2360 MHz	MO	5M00W7W 10K0N0N	12.2 W (ERP)	

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)	

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 (+/-)
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)	

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)	

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	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)	

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.