Date & Time Filed: Mar 27 2007 2:30:04:046PM
File Number: SAT–STA–20070327–00057
Callsign:

GRANTED
International Bureau
* subject to attached conditions

File # SAT-STA-20070327-00057 with attached conditions
Call Sign _____ Grant Date 4/25/07
(or other identifier)
Term Dates
From See conditions To: See conditions
Approved: _____ Chief Satellite Division
Robert G. Nelson

Approved by OMB
3060–0678

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Sirius Satellite Radio Request for STA to operate a repeater at the BMW National Aftersales Conference in Las Vegas, NV

1. Applicant

Name:	Sirius Satellite Radio Inc.	**Phone Number:**	212–584–5100
DBA Name:		**Fax Number:**	212–584–5353
Street:	1221 Avenue of the Americas	**E–Mail:**	
	36th Floor		
City:	New York	**State:**	NY
Country:	USA	**Zipcode:**	10020 –
Attention:	Mr. Patrick L. Donnelly		

Application of Sirius Satellite Radio Inc. for Special Temporary Authority
IBFS File No. SAT-STA-20070327-00057

Special temporary authority (STA) IS GRANTED to Sirius Satellite Radio Inc. (Sirius) to operate an indoor terrestrial repeater with an Effective Isotropically Radiated Power (EIRP) of up to 200 watts (average) at the BMW National Aftersales Conference in Las Vegas, NV, from April 27 until May 1, 2007, according to the technical parameters specified in its application and its supplemental letter of April 20, 2007, subject to the following conditions:

1. Any actions taken as a result of this STA are solely at the applicant's own risk. This STA shall not prejudice the outcome of the final rules adopted by the Commission in IB Docket No. 95-91;

2. Operation of the terrestrial repeater authorized pursuant to this STA is on a non-interference basis with respect to all permanently authorized radiocommunication facilities. Sirius shall provide the information and follow the process set forth in paragraphs 14 and 17 in 16 FCC Rcd 16773 (Int'l Bur. 2001) and 16 FCC Rcd 16781 (Int'l Bur. 2001), as modified by 16 FCC Rcd 18481 (Int'l Bur. 2001) and 16 FCC Rcd 18484 (Int'l Bur. 2001);

3. The terrestrial repeater is restricted to the simultaneous retransmission of the complete programming, and only that programming, transmitted by the satellite directly to SDARS receivers;

4. The terrestrial repeater shall comply with Part 1 of the Commission's rules, Subpart I - Procedures Implementing the National Environmental Policy Act of 1969, including the guidelines for human exposure to radio frequency electromagnetic fields as defined in Sections 1.1307(b) and 1.1310 of the Commission's rules;

5. The out-of-band emissions of the terrestrial repeater shall be limited to 75+log(EIRP) dB less than the transmitter EIRP;

6. Sirius will maintain full ownership and operational control of the terrestrial repeater;

7. Sirius will immediately shut down the terrestrial repeater upon a complaint of interference, upon direction from the Commission, or upon finding that the repeater has not been properly installed;

8. This authorization is not one relating to an "activity of a continuing nature" for purposes of Section 1.62 of the Commission's rules and Section 558(c) of the Administrative Procedure Act. Continuation of operations beyond the term of this authorization will require prior affirmative authorization by the FCC.

* See conditions above

File # SAT-STA-20070327-00057 w/ attached conditions
Call Sign _____ Grant Date 4/25/07
(or other identifier)
Term Dates
From See Conditions To: See Conditions
Approved: _____ Chief Satellite Division
Robert G. Nelson

2. Contact

Name:	Mr. Patrick L. Donnelly	**Phone Number:**	212–584–5100
Company:	Sirius Satellite Radio Inc.	**Fax Number:**	212–584–5353
Street:	1221 Avenue of the Americas	**E–Mail:**	
	36th Floor		
City:	New York	**State:**	NY
Country:	USA	**Zipcode:**	10020 –
Attention:		**Relationship:**	Same

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number or Submission ID

4a. Is a fee submitted with this application?

◉ If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R.Section 1.1114).

○ Governmental Entity ○ Noncommercial educational licensee

○ Other(please explain):

4b. Fee Classification CXW – Space Station (Non–Geostationary)

5. Type Request

○ Change Station Location ○ Extend Expiration Date ◉ Other

6. Temporary Orbit Location	7. Requested Extended Expiration Date

8. Description (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Sirius Satellite Radio requests Special Temporary Authority to operate a terrestrial repeater at the BMW National Aftersales Conference in Las Vegas, NV from April 27, 2007 to May 1, 2007.

9. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.

(●) Yes ( ) No

10. Name of Person Signing	11. Title of Person Signing
Patrick L. Donnelly	Exec. VP, GC and Sec'y

12. Please supply any need attachments.

Attachment 1: STA Request	Attachment 2:	Attachment 3:

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD–PERM, Paperwork Reduction Project (3060–0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to jboley@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060–0678.

THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104–13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Attachment

Sirius Satellite Radio Inc. ("Sirius"), pursuant to 47 C.F.R. § 25.120, hereby requests Special Temporary Authority ("STA") to operate in its licensed frequency band (2320-2332.5 MHz) one low-power satellite DARS repeater with an Effective Isotropically Radiated Power ("EIRP") of 200 watts. This low-power repeater will be utilized at the BMW National Aftersales Conference between April 29, 2007 and May 1, 2007 and will be installed and tested for two days before the start of the conference, April 27-28, 2007.[1]

The repeater will be used by Sirius to carry out equipment and service demonstrations at the BMW National Aftersales Conference for five days (including two days prior to the official start of the conference for set-up and testing activities). Due to blockage from walls and ceilings, it is often difficult to provide quality reception of SDARS satellite and even terrestrial signals inside of trade show venues like the MGM Las Vegas, which often do not have line-of-sight views to receive Sirius' signal. These difficulties with providing coverage inside the MGM Las Vegas would require radios to be displayed with hard wire connections, which limits the locations within the venue that Sirius can set up its displays, creating difficulties for trade show organizers and Sirius. Accordingly, grant of the requested STA to use this repeater for this limited period will serve the public interest.

Technical Information. In Exhibit A, Sirius provides a list of technical parameters, the location, and dates for the trade show repeater it seeks to operate pursuant to this STA. Sirius has included the following information: (1) event; (2) antenna type; (3) antenna beamwidth; (4) EIRP; and (5) approximate maximum height Above Ground Level (AGL).

Interference Considerations. The repeater will not cause harmful interference to other radio services. Because Sirius has exclusive use of its licensed frequency band,[2] there is no potential for in-band interference. Moreover, this repeater will operate at only 200 watts. Sirius' initial STA to operate a satellite DARS terrestrial repeater network[3] allowed Sirius to "operate

---

[1] Because Sirius is requesting STA for less than 30 days, the Commission can grant this application without placing it on Public Notice. 47 C.F.R. § 25.120(b)(4).

[2] 47 C.F.R. § 25.202(a)(6) (stating the 2320-2345 MHz band is allocated exclusively for SDARS).

[3] *Sirius Satellite Radio Inc. Application for Special Temporary Authority to Operate Satellite Digital Audio Radio Service Complementary Terrestrial Repeaters*, Order and Authorization, 16 FCC Rcd 16773 (Int'l Bur. 2001) ("*2001 STA Grant Order*"). Since that time, the Commission has extended the STA several times, pending the issuance of final rules governing the use of satellite DARS terrestrial repeaters. In September of 2004, the Commission granted Sirius a new STA to operate for 180 days or until the Commission issued final rules governing the use of satellite DARS terrestrial repeaters. *Sirius Satellite Radio Inc. Request to Modify Special Temporary Authority To Operate Satellite DARS Terrestrial Repeaters*, Order and Authorization, 19 FCC Rcd 18140 (2004) ("*2004 STA Grant Order*"). Sirius timely filed an application for renewal of this STA on March 1, 2005. *See* File No. SAT-STA-20050301-00053. To date, the Commission has not acted on this application. Under Section 1.62(f) of the

complementary terrestrial repeaters...at or below 2kW nationwide."[4] Thus, the Commission recognized that repeaters operating at or below the 2000 Watt threshold were presumptively unlikely to cause harmful interference to other radiocommunications operations. Indeed, WCS licensees have deemed the 2000 Watt threshold acceptable.[5] Nevertheless, out of an abundance of caution, Sirius requests Commission authorization to operate this repeater.

In addition, the repeater will only be used for a very limited time, further eliminating any opportunity for interference. Therefore, Sirius does not anticipate that the repeater will cause blanketing interference to any WCS receivers. As a result, and because there are no WCS facilities operating in the area, Sirius has not notified the WCS licensees in the affected MSA prior to filing this request.

Ownership and Control of Repeaters. Sirius will own the repeater installed at the venue and will retain full operational control of it. Sirius will also be responsible for installation of the repeater.

Public Interest Considerations. Prompt grant of this STA will promote the continued success of satellite radio and thereby serve the public interest. The demand for SDARS radios by the public has continued to increase over time. Accordingly, Sirius has begun attending trade shows and conventions, like the BMW National Aftersales Conference, where it provides demonstrations of its equipment to consumers. Without repeaters to overcome signal blockage within the venues, however, Sirius cannot undertake real-time demonstrations of its equipment, especially demonstrations of the full mobility of SDARS service. This repeater will provide clear signal reception at the conference for these demonstrations, and will eliminate any need for a hard wire connection.

Sirius understands that its operation of this repeater under STA is on a secondary, non-interference basis. While Sirius does not anticipate any interference, should interference occur, it will cease operation of the interfering repeater until such interference can be eliminated.

(Continued . . .)
Commission's rules, the timely filed renewal tolls the expiration of the previously granted STA. 47 C.F.R. §1.62(f). The FCC has also previously granted several modifications of the STA.

4 *Id.* at 16779 (¶ 17).

5 *See, e.g.,* Petition to Dismiss or Deny of BellSouth Mobile Data, Inc. and BellSouth Wireless Cable, Inc., File No. SAT-STA-20060623-00067 (filed September 18, 2006) at 6 ("BellSouth believes that terrestrial repeaters operating below 2 kW peak EIRP will not cause undue interference to its WCS operations").

Certifications. Sirius acknowledges that the conditions imposed in the 2001 Order granting Sirius' request for STA to operate terrestrial repeaters[6] will continue to apply to the repeater authorized as a result of this application. Specifically, Sirius certifies the following:

(1) Sirius will operate the repeater at its own risk, and such operation shall not prejudice the outcome of the final rules adopted by the Commission in GEN Docket 95-91;

(2) Sirius will operate the repeater on a non-interference basis with respect to all permanently authorized radiocommunication facilities;

(3) The repeater will be restricted to the simultaneous retransmission of the complete programming, and only that programming transmitted by the satellite directly to SDARS receivers;

(4) Where applicable, coordination of the repeater will be completed with all affected Administrations prior to operation, in accordance with all applicable international agreements including those with Canada and Mexico;

(5) The repeater will comply with Part 17 of the Commission's rules – Construction, Marking, and Lighting of Antenna Structures;

(6) The repeater will comply with Part 1 of the Commission's rules, Subpart I - Procedures Implementing the National Environmental Policy Act of 1969, including the guidelines for human exposure to radio frequency electromagnetic fields as defined in Sections 1.1307(b) and 1.1310 of the Commission's rules;

(7) The out-of-band emissions of the repeater will be limited to 75+log (EIRP) dB less than the transmitter EIRP;

(8) Sirius will operate the repeater according to the technical parameters provided in this application;

(9) Sirius will maintain full ownership and operational control of the repeater; and

(10) Sirius will immediately shut down the repeater upon a complaint of interference, upon direction from the Commission, or upon finding that the repeater has not been properly installed.

---

[6] *Sirius Satellite Radio Inc. Application for Special Temporary Authority to Operate Satellite Digital Audio Radio Service Complementary Terrestrial Repeaters,* Order and Authorization, File No. SAT-STA-20010724-00064, DA 01-2171 (Sept. 17, 2001).

EXHIBIT A

BMW National Aftersales Conference Signal Coverage, April 27 - May 1, MGM Las Vegas

Market	No Of Setors	Antenna Type	Sector 1				Sector 2				Sector 3				Coordinates		Antenna Height (feet)
			Antenna Beamwidth	Orientation	Downtilt	EiRP (Watts)	Antenna Beamwidth	Orientation	Downtilt	EiRP (Watts)	Antenna Beamwidth	Orientation	Downtilt	EiRP (Watts)	Longitude (W)	Latitude (N)	
MGM Convention Area	1	Mobile Mark OD12-2400	Omni	0	0	200	-	-	-	-	-	-	-	-	115° 9'53.13"W	36° 6'16.62"N	45

CERTIFICATE OF SERVICE

I, Christine Peyton, do hereby certify that on March 27, 2007, I served a copy of Sirius' **Request for Special Temporary Authority** upon the following parties by U.S. first-class mail, postage pre-paid:

Mr. James M. Robinson IV
AWACS, Inc.
175 E. Houston St., Rm 1152
San Antonio, TX 78205

Mr. James Harralson
BellSouth Mobile Data, Inc.
1155 Peachtree Street, N.E.
Suite 1800
Atlanta, GA 30309

Mr. Paul J. Sinderbrand
Counsel for Sprint Nextel, Nextel Spectrum Acquisition Corp., and the WCS Coalition
Wilkinson Barker Knauer LLP
2300 N Street NW, Suite 700
Washington, DC 20037

Ms. Jennifer Richter
Counsel for NextWave Broadband, Inc.
Patton Boggs LLP
2550 M Street, NW
Washington, DC 20037

Ms. Jennifer McCarthy
NextWave Broadband, Inc.
12670 High Bluff Drive
San Diego, CA 92130

Christine Peyton
Christine Peyton

SIRIUS
Satellite Radio

Stamp and Return

April 20, 2007

FILED/ACCEPTED

APR 20 2007

Federal Communications Commission
Office of the Secretary

VIA HAND DELIVERY

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Sirius Satellite Radio Inc. Request to operate a terrestrial repeater at the BMW National Aftersales Conference in Las Vegas, NV; IBFS File No. SAT-STA-20070327-00057

Dear Ms. Dortch:

Sirius Satellite Radio Inc. ("Sirius") hereby supplements the application for Special Temporary Authority to operate a terrestrial repeater at the BMW National Aftersales Conference in Las Vegas, NV from April 27, 2007 to May 1, 2007, IBFS File No. SAT-STA-20070327-00057.

Specifically, Sirius provides details on the operation of the repeater and the potential for exposure to radiofrequency emissions resulting from this operation. As shown herein, any radiofrequency exposure that might occur is below acceptable limits. In addition, please note that the repeater will operate at 25 feet, not 45 feet as the initial application indicated.

Sincerely,

/s/Patrick L. Donnelly

Patrick L. Donnelly
Executive Vice President and General Counsel
Sirius Satellite Radio Inc.

RF Exposure Analysis

BMW National Aftersales Conference Signal Coverage
April 27 - May 1
MGM Las Vegas

This technical addendum is to support the BMW National Aftersales Conference STA request, IBFS File No. SAT-STA-20070327-00057. This event is being held at the MGM Grand Hotel in Las Vegas.

The transmitter set up for the show is illustrated in the figures below:

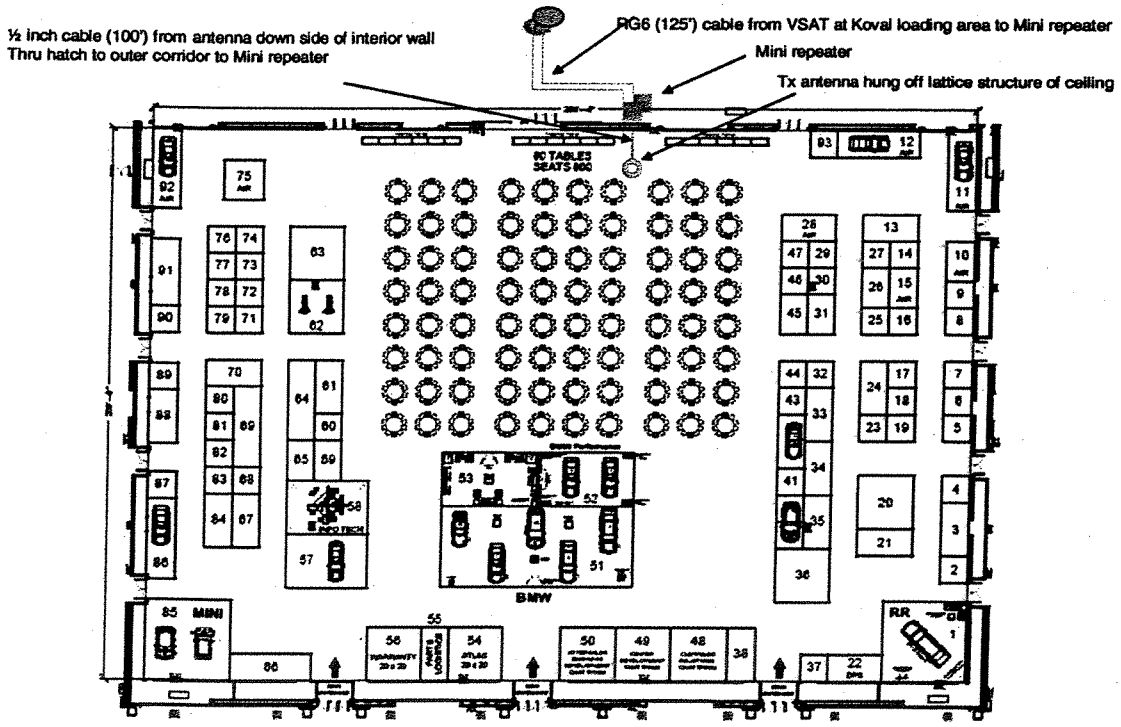


Figure 1. Diagram of show floor

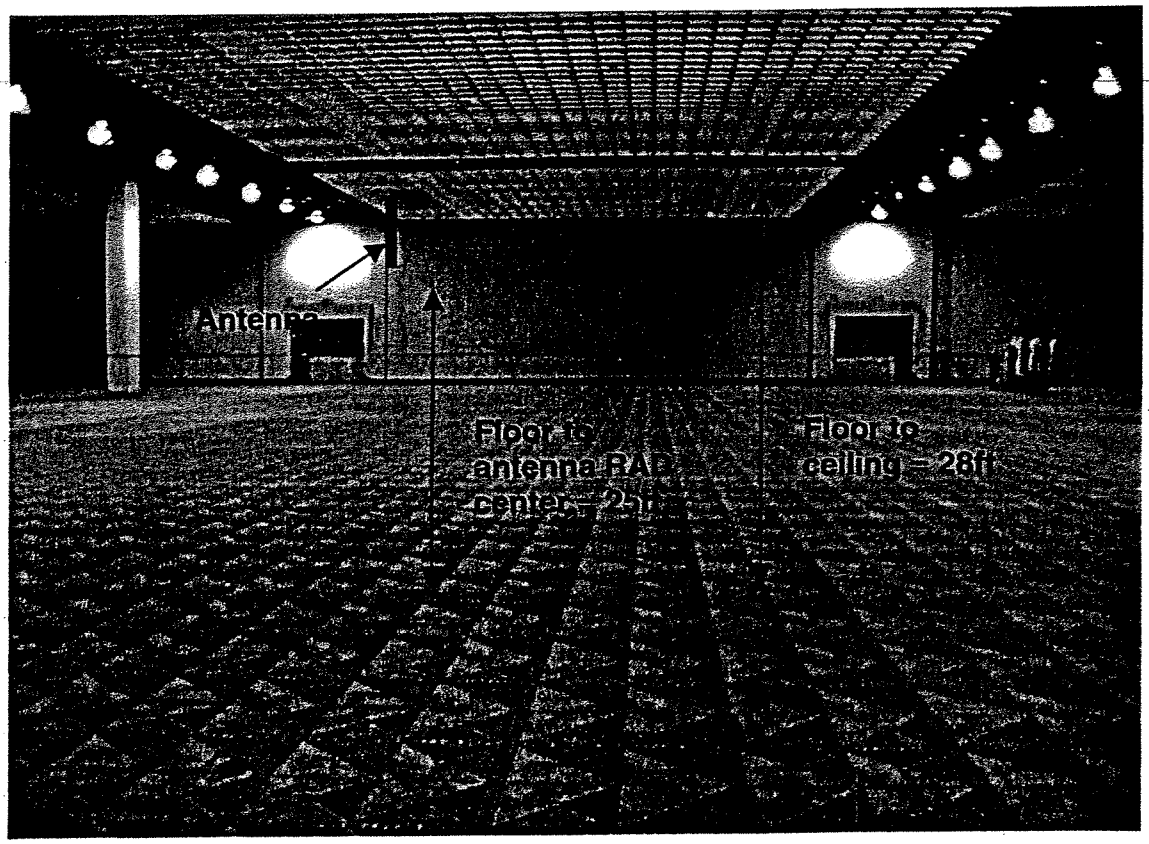


Figure 2. MGM Ballroom

To establish the RF exposure environment for this request the following process has been used to establish that there is no general population exposure over the allowed limit:

1. The location of the antenna and the transmission parameters have been established. The antenna is placed 25 feet above the show floor as seen in Figure 2. A 20 watt (average), 90 watt (peak) (maximum) power transmitter is used. Together with the assumed length and type of cable feeding, the antenna (which is omni directional), and the type and gain of the antenna used, this leads to an effective isotropically radiated power (EIRP) of 200 watts (average) and 900 watts (peak). This calculation is summarized in Table 1. The transmitter operates at 2.326.25 GHz which is the carrier frequency allocated to the Sirius repeater network. At this frequency the FCC has established a limit of 1 mW/square centimeter for general population exposure (OET 65).

2. Using the calculation methods described in OET 65 and the EIRP's derived as described in (1) a calculation is made of the power density at various distances from the antenna for both the average and peak powers involved. The distance of 18 feet was chosen as the minimum distance criteria for exposure by taking the height of the antenna (25 feet) and subtracting a 7 foot allowance for the height of any individuals who may be present on the show floor. This distance represents the closest point that a member of the general population could approach this repeater antenna. Table 2 summarizes the results of the normal calculation (using the formula Power Density=EIRP/(4*Π*R^2) from OET 65) and also a more conservative formula which takes into account reflection (the formula PD= 2.56*EIRP/(4*Π*R^2)) also from OET 65. In order to provide a comprehensive view, values are included separately for the regular case (average and peak power based) and for the reflective case (peak power based).

Summary

A very conservative approach shows no exposure issue. Several worst case assumptions were made as follows:

1. No allowance was made for the significant reduction in power density that will occur due to the attenuation of the antenna pattern at the location immediately under the antenna, the location to which the minimum distance of 18 feet applies.
2. No allowance was made in the case of peak level calculations for the fact that these levels occur a very small fraction of the overall time of transmission.
3. The maximum transmitter power of 20 watts was used although in practice Sirius has determined from more recent studies of the location and more recent information from BMW on the intended applications that the transmitter will be operated at a level at or below 10 watts which will provide adequate margin for the demonstrations involved.
4. There is no access to the ceiling area where the antenna is mounted except with a construction lift.
5. The highest level of exposure, involving the potential for additive reflection and peak level EIRP was used as the exposure criteria.

Table 1. Transmit chain loss budget

	Average (watts)	Average (dBW)	Peak (watts)	Peak (dBW)
Transmitter output power	20	13.0	90	19.5
Cable Loss (db)		2		2
Antenna gain dBi (max)		12		12
EIRP (max)	200.0	23.0	900.0	29.5

The effective isotropic radiated power (EIRP) is calculated by taking the transmitter output power, subtracting the cable loss and adding the antenna gain.

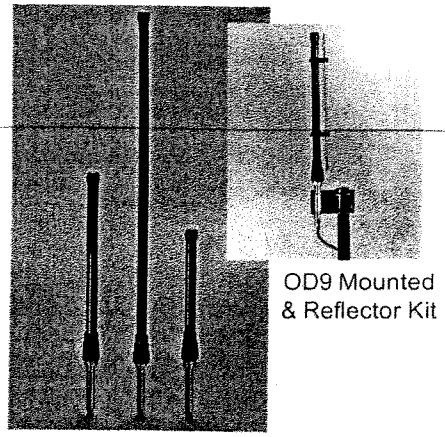
The peak power is determined by applying the peak to average factor of the OFDM waveform to the average power of the transmitter. This peak level occurs less than 1/1000th of the time for the Sirius waveform for this transmitter type.

Table 2. Calculations for power density

- Power Density = EIRP/(4piR^2) (Equation 4, page 19 of OET 65)
- Power Density adjusted for reflection = 2.56*Power Density (Equation 7, page 21 of OET 65)

As can be seen from this table, even under very conservation transmission assumptions, the general population exposure limits are not exceeded at the worst case location, being a maximum of 63% of the acceptable limit.

Radial Distance from Antenna (Feet)	Power Density (Average) mW/square cm	Power density (Peak) mW/square cm	Peak power density with 2.56 multiplier (Max reflection)	Worst Case Safety Margin over exposure standard (times)
18	0.05	0.25	0.63	1.59
23	0.03	0.15	0.39	2.60
28	0.02	0.10	0.26	3.85
33	0.02	0.07	0.19	5.35
38	0.01	0.06	0.14	7.09
43	0.01	0.04	0.11	9.08
48	0.01	0.03	0.09	11.31
53	0.01	0.03	0.07	13.79
58	0.01	0.02	0.06	16.51
63	0.00	0.02	0.05	19.48
68	0.00	0.02	0.04	22.70
73	0.00	0.01	0.04	26.16
78	0.00	0.01	0.03	29.86
83	0.00	0.01	0.03	33.82
88	0.00	0.01	0.03	38.01
93	0.00	0.01	0.02	42.46
98	0.00	0.01	0.02	47.14
103	0.00	0.01	0.02	52.08



OD9 Mounted & Reflector Kit

OD9, OD12, OD6 Shown

OD Series Omni Antenna

For WLAN, Video and Data Systems

- 3 dBi, 6 dBi, 9 dBi & 12 dBi antennas provide uniform omni coverage
- Unique design allows economical build out
- Mounting kit includes all hardware needed
- Reflector option provides directional beamshaping & increased performance

The OD Series Antennas are optimized for use in a wide variety of wireless systems. Typical uses include WLAN access points or bridge (802.11b/g), and surveillance transmitters.

These antennas consist of a collinear array with elements stacked vertically. Unique phasing cancels out-of-phase current distribution, improving system performance. This design maintains an omni pattern in the horizontal plane. The OD Series are free space antennas; no ground plane is required.

An option for the OD series is a reflector kit that beam shapes the omni pattern into a directional cardioid shape. This can result in improved directional gain, and isolation for reduced interference.

The low profile black radome (1" diameter) makes the antennas durable and rugged. They can withstand the harshest environments of snow, wind, rain and ice. The feed assembly is made of precision machined aluminum components and is irridited for weather protection. The antennas comes with all the hardware needed to install it to a mast. The OD antennas normally terminate with a female N connector. Optional models include pigtail cable with connector. For ISM, Part 15 compliant connectors are available (reverse polarized), please consult factory.

Model Numbers

Model	Freq.(MHz)	Gain	Applications
OD3-2400	2400-2485	3 dBi	WLAN, ISM, Video
OD6-2400	2400-2485	6 dBi	WLAN, ISM, Video
OD9-2400	2400-2485	9 dBi	WLAN, ISM, Video
OD12-2400	2400-2485	12 dBi	WLAN, ISM, Video

For pigtail cable options and special frequencies, please consult factory for latest model numbers and configurations.

Options	Model
Add-on kit for 6 dBi models	ODR6-Kit
Add-on kit for 9 dBi models	ODR9-Kit
Add-on kit for 12 dBi models	ODR12-Kit
Rev TNC with 1 ft Cable option	add -PTA to OD model
Rev BNC with 4 ft Cable option	add -PT2 to OD model

Specifications

Frequency & Gain:	See above	**Length/Weight:**	
Bandwidth @2:1 VSWR:	See above	3 dBi Models	16 inches, 1.5 lbs
Nominal Impedance:	50 ohms	6 dBi Models	19 inches, 1.5 lbs
Max. Power (continuous):	100 watts	9 dBi Models	27 inches, 2.0 lbs
Vertical Beamwidth (-3 dB point):		12 dBi Model	41 inches, 2.5 lbs
3 dBi Model	55 degrees	**OD Series Interface:**	N female connector
6 dBi Model	25 degrees	**Mounting Kit:**	Mast mount kit included
9 dBi Model	14 degrees	**Mounting Dimensions:**	Use mast up to 2" OD
12 dBi Model	7 degrees	**Material:**	Polycarbonate with aluminum body, fiberglass radome on OD12 with aluminum body
Wind Loading (flat plate equiv.):	30-40 sq. inches		
Rated Wind Velocity:	100+ mph		
Lightning Protection:	External suggested	**Options:**	Reflector Option Kit
Antenna Diameter:	1", main mast		Pigtail Cable Option
			Part 15 Reverse Connectors

US Office & Headquarters: 3900-B River Road, Schiller Park, IL 60176 Tel: 800-648-2800 or 847-671-6690 Fax: 847-671-6715
UK Office: 106 Anglesey Business Park, Hednesford, Staffs. WS12 5NR UK Tel: (+44) 1543-878343 Fax: (+44) 1543-871714
Visit our web page at www.mobilemark.com. Specifications subject to change without notice (2/2002).

CERTIFICATE OF SERVICE

I, Christine Peyton, do hereby certify that on April 20, 2007, I served a copy of Sirius' **Supplement to Request for Special Temporary Authority** upon the following parties by U.S. first-class mail, postage pre-paid:

Mr. James M. Robinson IV
AWACS, Inc.
175 E. Houston St., Rm 1152
San Antonio, TX 78205

Mr. James Harralson
BellSouth Mobile Data, Inc.
1155 Peachtree Street, N.E.
Suite 1800
Atlanta, GA 30309

Mr. Paul J. Sinderbrand
Counsel for Sprint Nextel, Nextel Spectrum Acquisition Corp., and the WCS Coalition
Wilkinson Barker Knauer LLP
2300 N Street NW, Suite 700
Washington, DC 20037

Ms. Jennifer Richter
Counsel for NextWave Broadband, Inc.
Patton Boggs LLP
2550 M Street, NW
Washington, DC 20037

Ms. Jennifer McCarthy
NextWave Broadband, Inc.
12670 High Bluff Drive
San Diego, CA 92130

Christine Peyton
Christine Peyton