



## International Bureau Database License Data

Callsign: E920128

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<b>Callsign:</b> E920128	<b>File Number:</b> SESRWL2001112602172	<b>FRN:</b> 0002642510
<b>Licensee Name:</b> MINNESOTA PUBLIC RADIO		
<b>DBA Name:</b>		
<b>Address:</b> 45 EAST SEVENTH STREET		
<b>City, ST, Zip:</b> SAINT PAUL, MN 55101		
<b>Phone:</b> 651-2901500	<b>Begin Date:</b> Dec 30, 2001	
<b>Submission ID:</b> IB2001001347	<b>Expiration Date:</b> Dec 30, 2011	
<b>Status Code:</b> ATPN	<b>File Date:</b> Nov 26, 2001	
<b>Subsystem Code:</b> ATPN	<b>Date Granted:</b> Dec 05, 2001	
<b>Class Station Code:</b> FES	<b>Last Updated:</b> Dec 05, 2001	
<b>Class Other Text:</b>		

### License Special Conditions

- |             |   |
|-------------|---|
| <b>Code</b> | <b>Text</b>   |
| 2200        | These facilities shall be used for the reception of only such programming material that the grantee has been authorized to receive and use by the owner of the programming material.  |
| 2456        | No protection beyond that afforded in "Deregulation of Domestic Receive-Only Satellite Earth Stations" will be provided for TVRO earth stations. Due to 2 degree orbital spacing, "the potential levels of interference caused by satellite transmissions are already defined and the actual level of any protection desired by an applicant from intersatellite interference for small receiving earth station antennas will be achieved by the choice of receiving antenna performance selected by parties installing new receive-only earth stations." FCC 86-133 36552. |
| 2464        | The grantee is authorized to add, delete or change channels of program material without further application or notification to the Commission, provided: (a)The carriage of such program material is an authorized pursuant to the Commission's rules, regulations and policies governing the terrestrial system (s) used to distribute this material to the end subscribers, and (b) that such earth station operations are consistent with the technical parameters specified in the registraion.   |
| 2465        | This provision relates to potential interference from terrestrial microwave stations. Operation of the receive-only earth station shall be in accordance with the frequency coordination exhibit accompanying the application.  |

### Site: 1

NAD Ind: <b>27</b>	Beamwidth:				
Description:		Deg	Min	Sec	Hemi
State: <b>MN</b>	City: <b>ROCHESTER</b>	Latitude:	<b>44</b>	<b>2</b>	<b>12</b> <b>N</b>
County: <b>OLMSTED</b>		Longitude:	<b>92</b>	<b>27</b>	<b>43</b> <b>W</b>

### Site: 1 Space Stations

<b>US Name:</b> ALSAT	<b>Orbit Location:</b> ALSAT
<b>ITU Name:</b> ALL AUTHORIZED U.S.	<b>Inactive Date:</b> 1/1/2999
<b>Description:</b> 1 to All authorized U.S. Domestic (ALSAT) Satellites.	

### Site: 1 Antenna: 1

Azimuth:	Diameter Major: <b>0</b>	
Diameter: <b>3.8</b>	Diameter Minor: <b>0</b>	Quantity: <b>1</b>
Manufacturer: <b>COMTECH</b>		Max Height Above Ground Level: <b>3.1</b>
Model: <b>934D0015-G2 FP</b>		Building Height Above Ground Level: <b>27.1</b>
Total EIRP All Carriers (dBW): <b>0</b>		Max Height Above Mean Sea Level: <b>333.8</b>
Total Input Power at Antenna Flange: <b>0</b>		Max Height Above Rooftop: <b>3.8</b>



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**Site: 1 Antenna: 1 Frequency ID: 238112**

**Frequency Lower (MHz):** 00003700.00000000

**T/R Mode:** R

**Emission Designator:** 200KF3E

**Frequency Upper (MHz):** 00004200.00000000

**Polarization:** H

**Modulation:**

**Max EIRP/Carrier (dBW):**

**Max EIRP Density/Carrier (dBW):**

**Site: 1 Antenna: 1 Frequency ID: 238113**

**Frequency Lower (MHz):** 00003700.00000000

**T/R Mode:** R

**Emission Designator:** 30K0FID

**Frequency Upper (MHz):** 00004200.00000000

**Polarization:** H

**Modulation:**

**Max EIRP/Carrier (dBW):**

**Max EIRP Density/Carrier (dBW):**

**Site: 1 Antenna: 1 Frequency Range Data**

**Lower Frequency Limit:** 00003700.00000000

**Satellite Arc East Limit:** 90.0W

**Upper Frequency Limit:** 00004200.00000000

**Satellite Arc West Limit:** 140.0W

**GSO/NGSO:** G

**Antenna Elev Angle West Limit:** 20.9

**Max EIRP Density Toward Horizon:** 0

**Antenna Elev Angle East Limit:** 39.2

**Azimuth Angle East Limit:** 176.5

**Azimuth Angle West Limit:** 237.5

**Gain**

**Frequency**

42.9

00000004.00000000