

EXHIBIT 30  
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NONIONIZING RADIATION COMPLIANCE

Programmers Broadcasting, Inc.

Velva, ND

The proposed facility will share a common antenna with a proposed new FM station in Burlington, North Dakota<sup>1</sup> which will operate with identical facilities to those proposed in the attached application. There is an existing tower located in proximity to the proposed transmitter site which supports the antennas for KYYX(FM) - Minot, North Dakota and KXMC-TV - Minot North Dakota.

The power density levels for the proposed Velva facility, the proposed Burlington facility, and KYYX were calculated using the FCC's "FM Model" program. The results of these calculations are presented in Figures 30.0 through 30.2. Table 30.3 and Figure 30.3 present the vertical radiation pattern for the KXMC-TV antenna. The power density calculations for KXMC-TV were conducted using this vertical radiation data and Equation (2), found on Page 30 of Supplement A to FCC OET Bulletin No. 65.

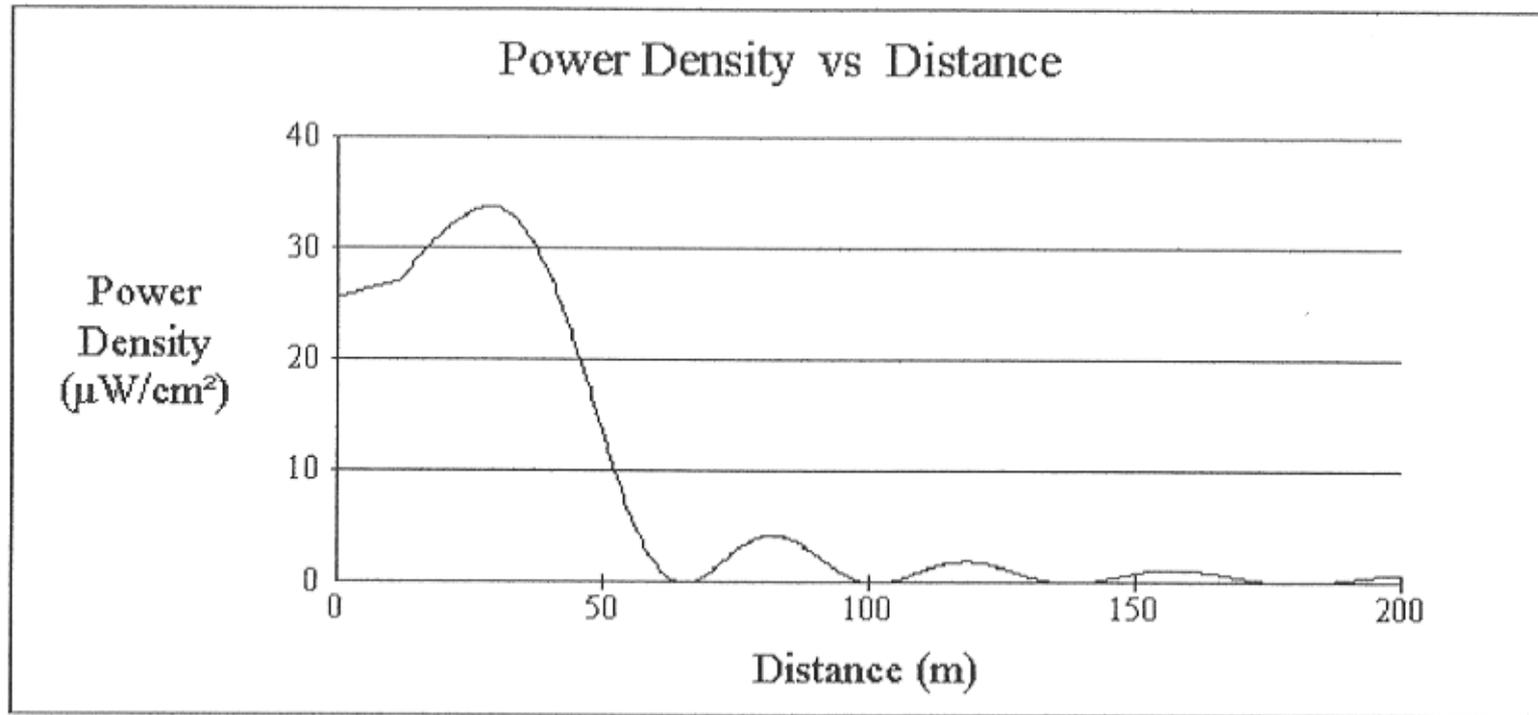
Table 30.4 summarizes the power density calculations for these four stations. Assuming, as a worst case, that the maximum power density levels for all four of these stations occur at the same location, which is not likely, this table shows that the total predicted power density for these four stations will be 33.8% of the permitted level for uncontrolled exposure. Thus the implementation of the facilities proposed in the attached application (and those proposed in the concurrently filed Burlington application) will not result in predicted total power densities at ground level that will be in excess of the permitted level for uncontrolled exposure.

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<sup>1</sup>The "long form" application for a construction permit for the proposed new FM station on Channel 275C1 in Burlington, North Dakota is being filed concurrently with the attached application.

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The proposed facility, in conjunction with these other co-located and nearby facilities, will also take appropriate steps to insure that workers that must be on either of these towers will not be exposed to total power density levels that will be in excess of the permitted level for controlled exposure. These steps will include the cessation of operation or a reduction in power by one or more of these stations, as appropriate, when work becomes necessary in locations on either tower where the total power density levels exceed the permitted level for controlled exposure.



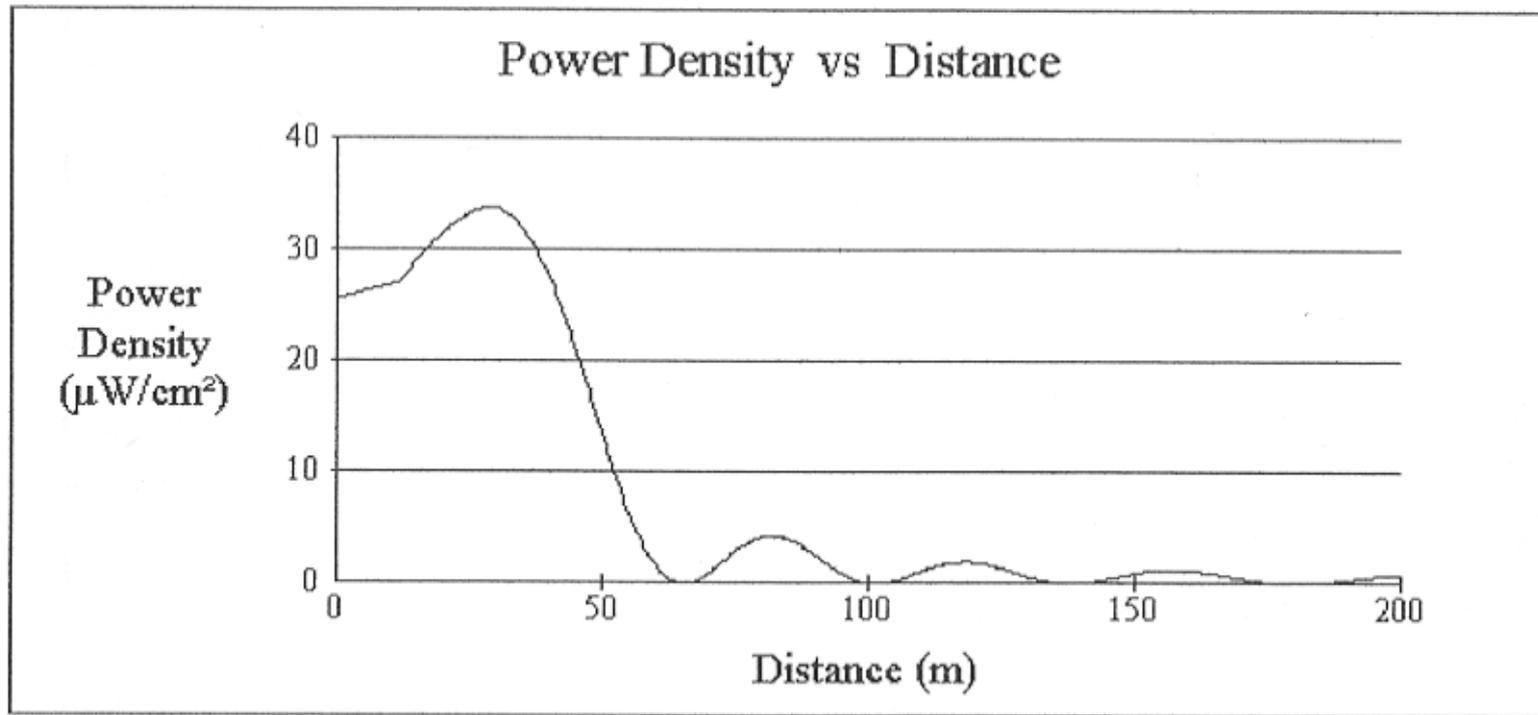
Office of Engineering and Technology

Distance (m):	200	Antenna Type:	Jampro "Double V" (EPA)
Horizontal ERP (W):	100000	Number of Elements:	10
Vertical ERP (W):	100000	Element Spacing:	1
Antenna Height (m):	137.2		

FIG. 30.0

POWER DENSITY CALCULATIONS  
 PROPOSED NEW STATION - CHANNEL 235C1

Programmers Broadcasting, Inc.  
 Velva, ND



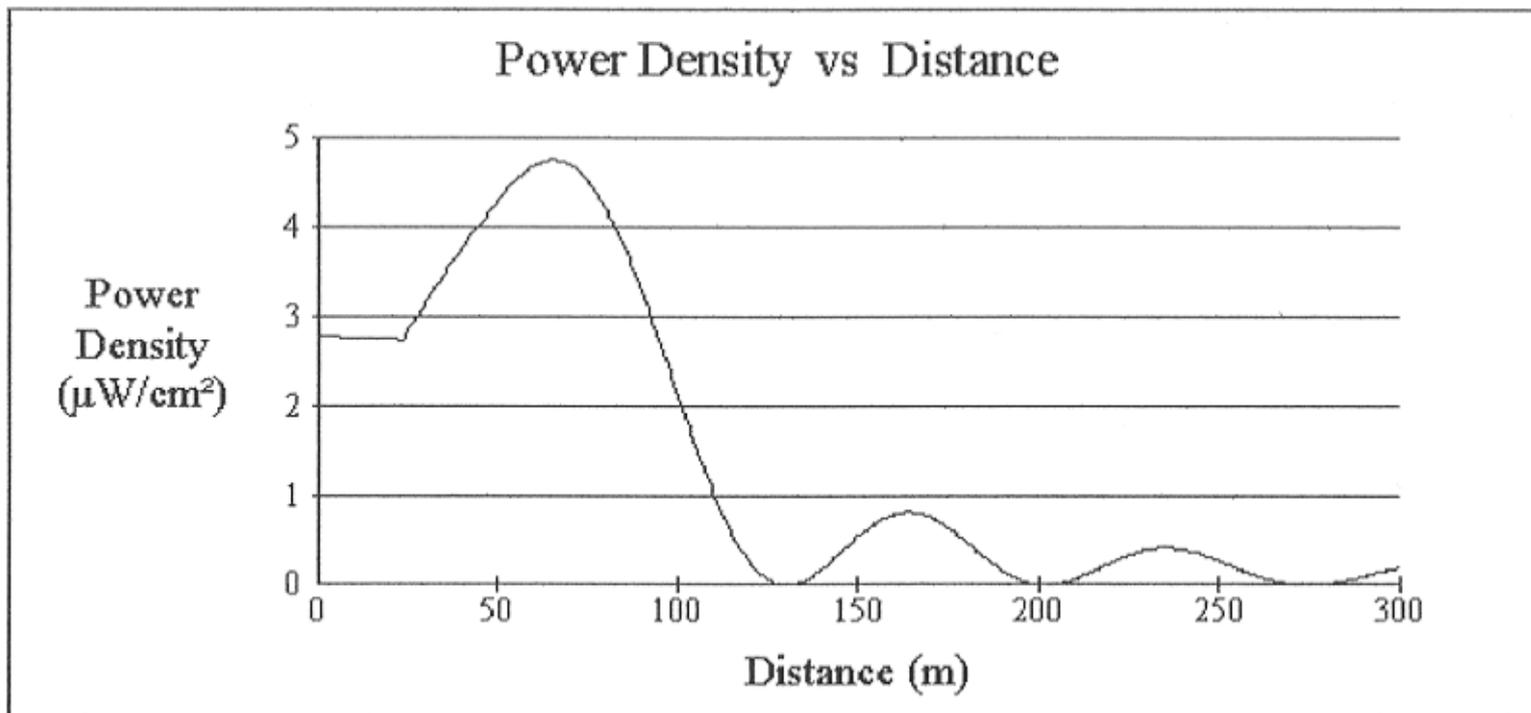
Office of Engineering and Technology

Distance (m):	<input type="text" value="200"/>	Antenna Type:	<input type="text" value="Jampro 'Double V' (EPA)"/>
Horizontal ERP (W):	<input type="text" value="100000"/>	Number of Elements:	<input type="text" value="10"/>
Vertical ERP (W):	<input type="text" value="100000"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="137.2"/>		

FIG. 30.1

POWER DENSITY CALCULATIONS  
 PROPOSED NEW STATION - CHANNEL 235C1

Programmers Broadcasting, Inc.  
 Velva, ND



Office of Engineering and Technology

Distance (m):	<input type="text" value="300"/>	Antenna Type:	<input type="text" value="ERI or JAMPRO JBCP 'Rototiller' (EPA)"/>
Horizontal ERP (W):	<input type="text" value="100000"/>	Number of Elements:	<input type="text" value="10"/>
Vertical ERP (W):	<input type="text" value="100000"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="271"/>		

FIG. 30.2

KYYX POWER DENSITY CALCULATIONS

Programmers Broadcasting, Inc.  
Velva, ND



Proposal Number  
 Date **27 Dec 2004**  
 Call Letters **KXMC**  
 Location **Minot, ND**  
 Customer  
 Antenna Type **TW12A-13R**

Revision  
 Channel **13**

**TABULATION OF ELEVATION PATTERN**

Elevation Pattern Drawing # **25W120075-90**

Angle	Field										
-10.0	0.126	2.4	0.772	10.6	0.158	30.5	0.044	51.0	0.017	71.5	0.004
-9.5	0.146	2.6	0.722	10.8	0.153	31.0	0.046	51.5	0.018	72.0	0.003
-9.0	0.161	2.8	0.669	11.0	0.146	31.5	0.045	52.0	0.018	72.5	0.003
-8.5	0.166	3.0	0.615	11.5	0.126	32.0	0.042	52.5	0.018	73.0	0.003
-8.0	0.160	3.2	0.561	12.0	0.107	32.5	0.037	53.0	0.017	73.5	0.002
-7.5	0.151	3.4	0.509	12.5	0.098	33.0	0.032	53.5	0.015	74.0	0.002
-7.0	0.151	3.6	0.459	13.0	0.101	33.5	0.028	54.0	0.014	74.5	0.002
-6.5	0.170	3.8	0.413	13.5	0.110	34.0	0.029	54.5	0.012	75.0	0.002
-6.0	0.205	4.0	0.373	14.0	0.115	34.5	0.032	55.0	0.011	75.5	0.002
-5.5	0.243	4.2	0.340	14.5	0.113	35.0	0.035	55.5	0.010	76.0	0.002
-5.0	0.271	4.4	0.314	15.0	0.103	35.5	0.037	56.0	0.010	76.5	0.002
-4.5	0.284	4.6	0.295	15.5	0.090	36.0	0.037	56.5	0.010	77.0	0.002
-4.0	0.283	4.8	0.285	16.0	0.077	36.5	0.035	57.0	0.011	77.5	0.002
-3.5	0.281	5.0	0.280	16.5	0.071	37.0	0.032	57.5	0.012	78.0	0.002
-3.0	0.304	5.2	0.279	17.0	0.075	37.5	0.028	58.0	0.012	78.5	0.002
-2.8	0.326	5.4	0.280	17.5	0.082	38.0	0.024	58.5	0.012	79.0	0.001
-2.6	0.356	5.6	0.282	18.0	0.087	38.5	0.023	59.0	0.012	79.5	0.001
-2.4	0.393	5.8	0.283	18.5	0.086	39.0	0.024	59.5	0.012	80.0	0.001
-2.2	0.436	6.0	0.283	19.0	0.080	39.5	0.026	60.0	0.011	80.5	0.001
-2.0	0.484	6.2	0.279	19.5	0.070	40.0	0.029	60.5	0.011	81.0	0.001
-1.8	0.536	6.4	0.274	20.0	0.060	40.5	0.030	61.0	0.010	81.5	0.001
-1.6	0.589	6.6	0.265	20.5	0.055	41.0	0.030	61.5	0.009	82.0	0.001
-1.4	0.643	6.8	0.255	21.0	0.057	41.5	0.029	62.0	0.008	82.5	0.001
-1.2	0.697	7.0	0.242	21.5	0.063	42.0	0.026	62.5	0.007	83.0	0.001
-1.0	0.749	7.2	0.227	22.0	0.068	42.5	0.023	63.0	0.006	83.5	0.001
-0.8	0.798	7.4	0.212	22.5	0.069	43.0	0.020	63.5	0.006	84.0	0.000
-0.6	0.843	7.6	0.197	23.0	0.066	43.5	0.018	64.0	0.006	84.5	0.000
-0.4	0.884	7.8	0.182	23.5	0.059	44.0	0.018	64.5	0.006	85.0	0.000
-0.2	0.920	8.0	0.170	24.0	0.051	44.5	0.020	65.0	0.006	85.5	0.000
0.0	0.950	8.2	0.159	24.5	0.045	45.0	0.022	65.5	0.006	86.0	0.000
0.2	0.973	8.4	0.152	25.0	0.044	45.5	0.023	66.0	0.007	86.5	0.000
0.4	0.989	8.6	0.149	25.5	0.048	46.0	0.024	66.5	0.007	87.0	0.000
0.6	0.998	8.8	0.148	26.0	0.053	46.5	0.024	67.0	0.007	87.5	0.000
0.8	1.000	9.0	0.150	26.5	0.056	47.0	0.022	67.5	0.007	88.0	0.000
1.0	0.994	9.2	0.153	27.0	0.055	47.5	0.020	68.0	0.006	88.5	0.000
1.2	0.981	9.4	0.157	27.5	0.052	48.0	0.018	68.5	0.006	89.0	0.000
1.4	0.961	9.6	0.160	28.0	0.045	48.5	0.016	69.0	0.006	89.5	0.000
1.6	0.935	9.8	0.163	28.5	0.039	49.0	0.014	69.5	0.005	90.0	0.000
1.8	0.902	10.0	0.164	29.0	0.035	49.5	0.014	70.0	0.005		
2.0	0.863	10.2	0.164	29.5	0.036	50.0	0.014	70.5	0.004		
2.2	0.820	10.4	0.162	30.0	0.040	50.5	0.016	71.0	0.004		

TABLE 30.3

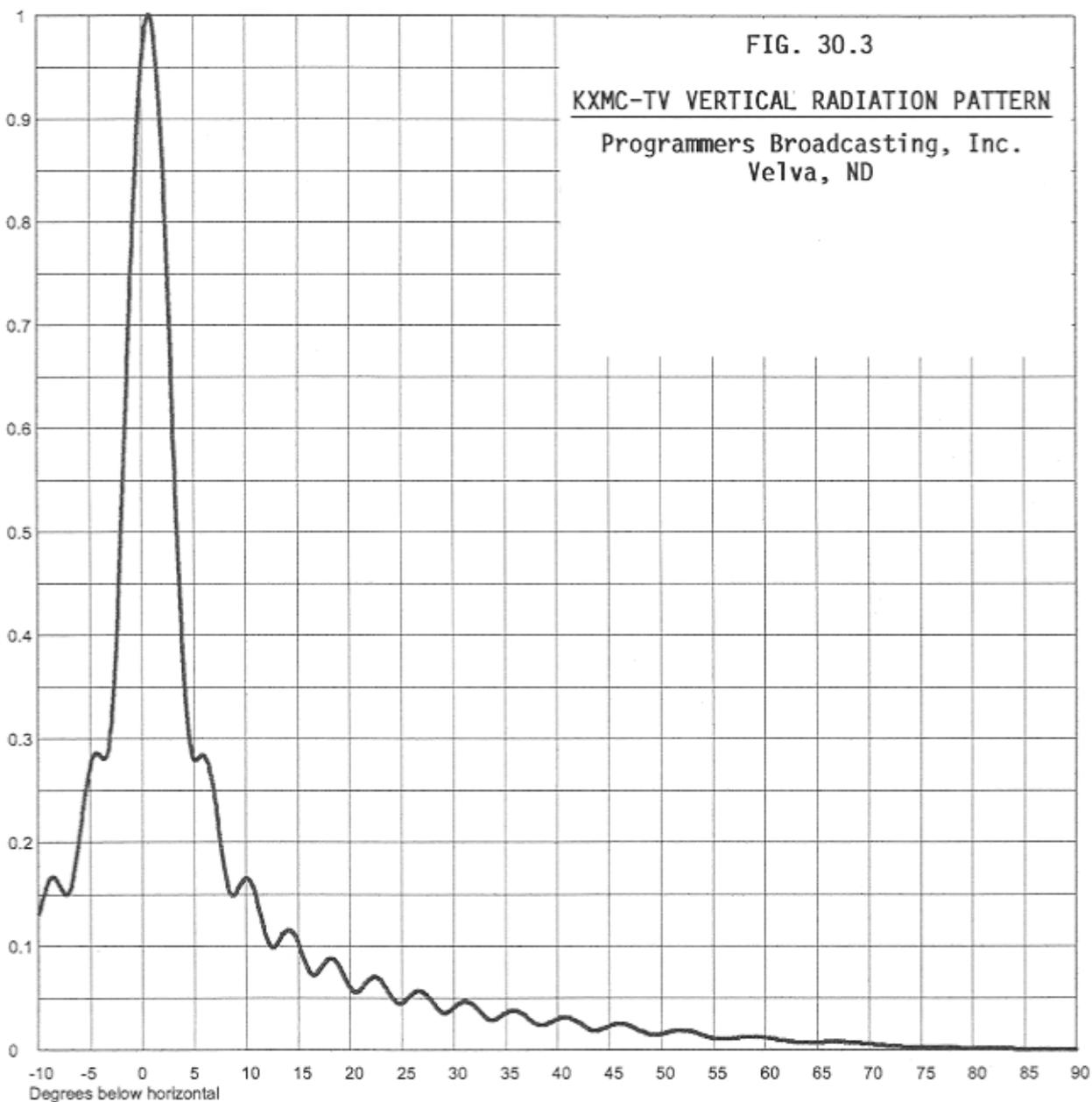
**KXMC-TV VERTICAL RADIATION PATTERN**

Programmers Broadcasting, Inc.  
 Velva, ND

Remarks:

### ELEVATION PATTERN

RMS Gain at Main Lobe	12.0 (10.79 dB)	Beam Tilt	0.75 Degrees
RMS Gain at Horizontal	10.8 (10.33 dB)	Frequency	213.00 MHz
Calculated / Measured	Calculated	Drawing #	25W120075-90



Remarks:

TABLE 30.4

POWER DENSITY  
CALCULATIONS - 2 m AGL  
 Programmers Broadcasting, Inc.  
 Velva, ND

<u>Station</u>	<u>Channel</u>	<u>Effective Radiated Power (kW)</u>	<u>Antenna Height (m AGL)</u>	<u>Calculated Power Density (<math>\mu\text{W}/\text{cm}^2</math>)</u>	<u>Permitted Uncontrolled Power Density (<math>\mu\text{W}/\text{cm}^2</math>)</u>	<u>Percent of Limit</u>
New	235C1	100	137.2	33.80	200	16.90
New	275C1	100	137.2	33.80	200	16.90
KYYX	246C	100	271.0	4.80	200	2.40
KXMC-TV	13	316	318.6	0.06	200	0.03
Total Predicted Power Density						33.80%

Note:

The total predicted power density level does not include those stations whose contribution is less than 5% of the permitted level for uncontrolled exposure. Even if these stations were included, however, the total predicted power density will still comply with the current FCC guidelines with regard to uncontrolled exposure to nonionizing radiation.