

## Exhibit 2 Environmental Protection Act

### Proposed K239BN, Idaho Falls, ID (FIN: 152313)

6/25/2014

In order to comply with the Rf radiation hazard requirements, a complete evaluation of all Rf emitters on transmit tower was performed.

In addition to proposed K239BN there are two full power FM stations and two other translators broadcasting from this tower. A construction permit for KAOX(FM) has been granted but this facility is not licensed and is not currently on the air. The parameters of these facilities are summarized in the table below:

Service	Call Sign	City of License	State	Fac Id.	Channel	ERP kW	AGL (M)	Occupational Limit $\mu\text{W}/\text{cm}^2$
FM	KQEO	Idaho Falls	ID	87926	296C1	100	49	1000
FM	KSNA	Idaho Falls	ID	55237	264C1	100	49	1000
FX	K223BU	Idaho Falls	ID	148644	223D	.099	12	1000
FX	K286BU	Idaho Falls	ID	150295	286D	.250	12	1000
FX	Proposed K239BN	Idaho Falls	ID	152313	239D	.102	12	1000

The power density for KQEO and KSNA were calculated using FM Model.

Page 3 of this exhibit is a power density vs distance graph for KQEO created by FM Model. Maximum power density is  $300.87 \mu\text{W}/\text{cm}^2$  at 11m from the base of the transmit tower.

Page 4 of this exhibit is a power density vs distance graph for KSNA created by FM Model. Maximum power density is  $300.87 \mu\text{W}/\text{cm}^2$  at 11m from the base of the transmit tower.

Power density for K286BU, K223BU and Proposed K239BN were calculated according to the standard formula specified in OET 65 for worst case scenario.

$$S = 33.4 (F^2) ERP \div R^2$$

A Nicom BKG77 antenna was used for these three translators. The relative field factor or relative numeric gain (F) for every angle of depression for these three translators was calculated using the vertical radiation data provided by the manufacturer.

Pages 5 through 7 of this exhibit consist of a table summarizing the pertinent data for K232BU. The table shows the depression angle, interpolated relative field value, the power density ( $\mu\text{W}/\text{cm}^2$ ) and the percent of the occupational limit. Calculations were performed on horizontal distances of 0m to 100m from the base of the tower.

Pages 8 through 10 of this exhibit consist of a table summarizing the pertinent data for K232BU. The table shows the depression angle, interpolated relative field value, the power density ( $\mu\text{W}/\text{cm}^2$ ) and the percent of the occupational limit. Calculations were performed on horizontal distances of 0m to 100m from the base of the tower.

Pages 11 through 13 of this exhibit consist of a table summarizing the pertinent data for proposed K239BN. The table shows the depression angle, interpolated relative field value, the power density ( $\mu\text{W}/\text{cm}^2$ ) and the percent of the occupational limit. Calculations were performed on horizontal distances of 0m to 100m from the base of the tower.

Pages 14 through 16 of this exhibit consist of a table summarizing the combined Rf from all Rf emitters on the proposed transmit tower including KQEO, KSNA, K223BU, K286BU and proposed K239BN in terms of total power density.

Page 17 through 19 consist of pictures of the tower and broadcast antennas, a warning sign posted at the transmit site and the locked gate on the access road to the transmit tower.

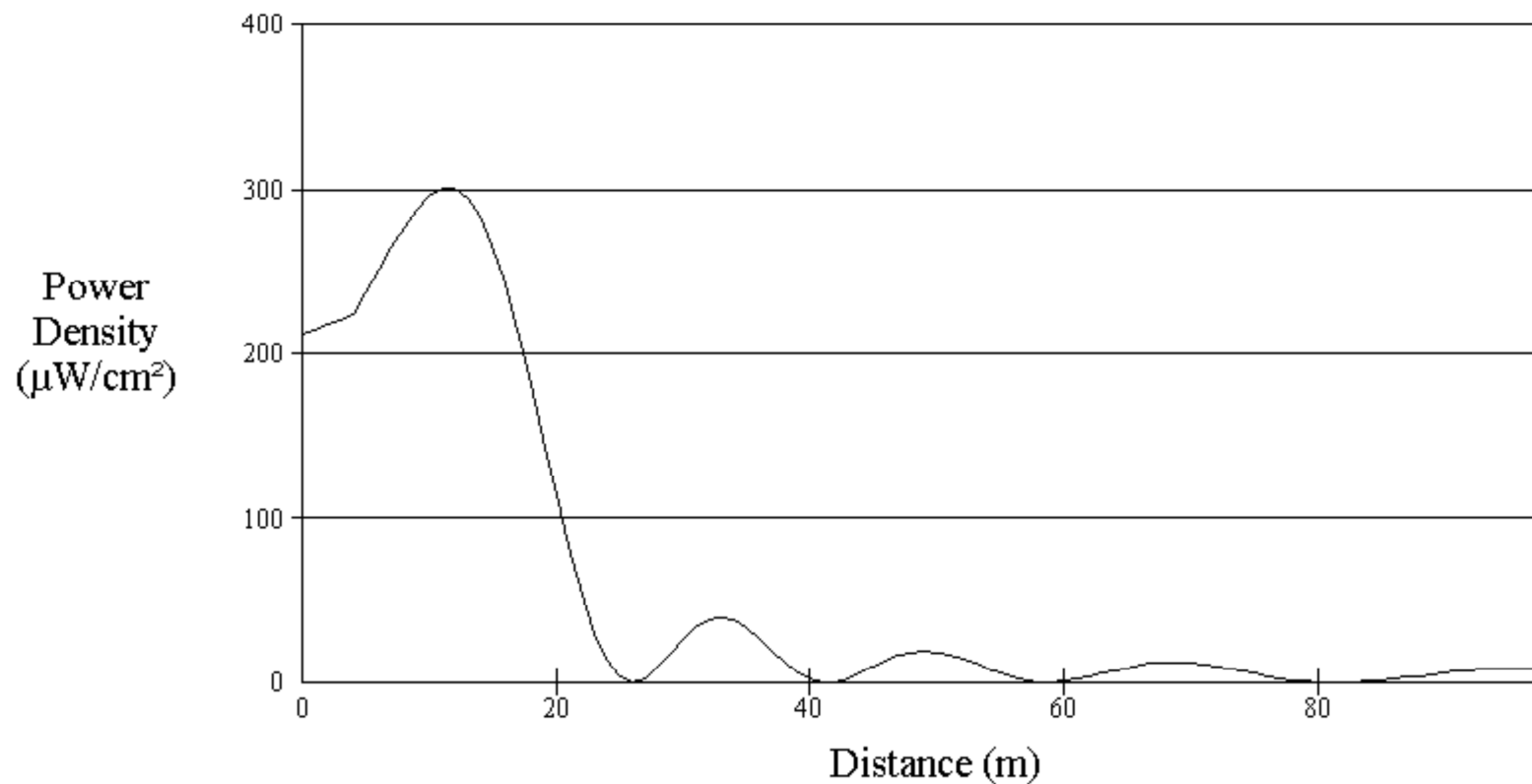
### **Conclusion**

The analysis presented in this exhibit demonstrates that the greatest Rf power density resulting from the combination of all FM emitters from the transmit tower occurs at a distance of 11m from the base of the tower and represents  $647.28\mu\text{W}/\text{cm}^2$  or 64.7% of the allowable occupational limit.

Furthermore, this facility is located on the remote mountain top Taylor Mountain Electronic site. The entire area is fenced and a locked gate prevents general public access to the transmit site. Warning signs are posted. Only authorized personnel have access to the locked gates, the tower and transmission equipment building. Therefore, this proposal meets the requirements for Rf radiation hazard specified in OET Bulletin 65, Edition 97-01.

KQEO, Idaho Falls, ID FAC# 87926

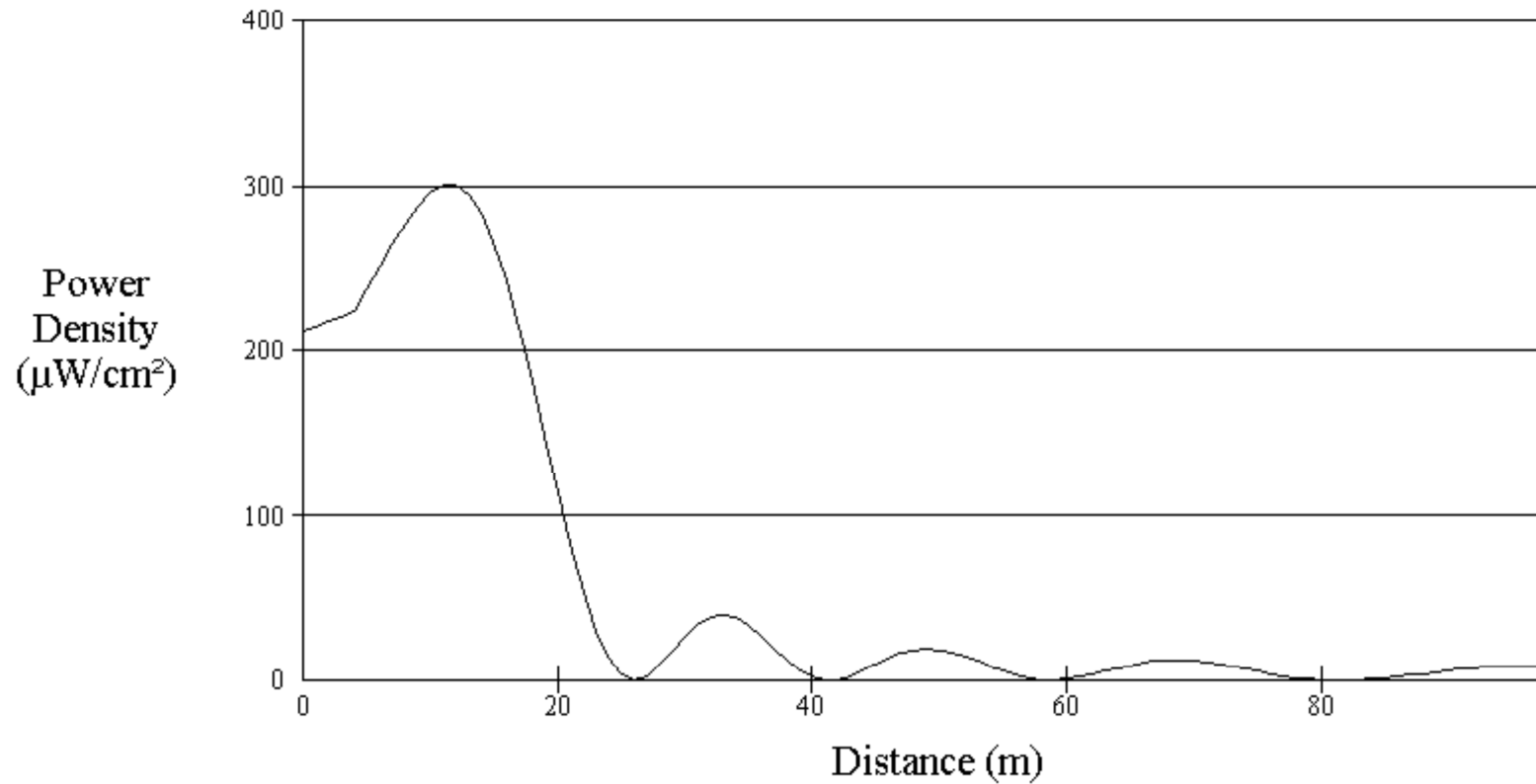
Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="100"/>	Antenna Type:	<input (epa)"="" double="" type="text" v"="" value="Jampro "/>
Horizontal ERP (W):	<input type="text" value="100000"/>	Number of Elements:	<input type="text" value="8"/>
Vertical ERP (W):	<input type="text" value="100000"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="49"/>		

Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="100"/>	Antenna Type:	<input (epa)"="" double="" type="text" v"="" value="Jampro "/>
Horizontal ERP (W):	<input type="text" value="100000"/>	Number of Elements:	<input type="text" value="8"/>
Vertical ERP (W):	<input type="text" value="100000"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="49"/>		

**Power Density Calculations for K223BU**  
**6/25/2014**

<b>Station:</b>	<b>K223BU</b>
<b>Antenna:</b>	<b>BKG77</b>
<b>RCAGL (m):</b>	<b>12</b>
<b>ERP (kW):</b>	<b>0.198</b>
<b>Limit (<math>\mu\text{W}/\text{cm}^2</math>):</b>	<b>1000</b>

Horizontal Distance (m)	Depression Angle ( ° )	Interpolated Relative Field Value	Power Density ( $\mu\text{W}/\text{cm}^2$ )	% of Occupational Limit
0	90.00	0.105	0.729	0.07%
1	84.29	0.105	0.715	0.07%
2	78.69	0.139	1.233	0.12%
3	73.30	0.196	2.327	0.23%
4	68.20	0.265	3.996	0.40%
5	63.43	0.338	6.046	0.60%
6	59.04	0.405	7.994	0.80%
7	55.01	0.465	9.578	0.96%
8	51.34	0.518	10.820	1.08%
9	48.01	0.568	11.780	1.18%
10	45.00	0.616	12.547	1.25%
11	42.27	0.657	12.913	1.29%
12	39.81	0.694	13.051	1.31%
13	37.57	0.725	12.908	1.29%
14	35.54	0.751	12.596	1.26%
15	33.69	0.774	12.198	1.22%
16	32.01	0.795	11.729	1.17%
17	30.47	0.813	11.225	1.12%
18	29.05	0.829	10.712	1.07%
19	27.76	0.843	10.204	1.02%
20	26.57	0.856	9.696	0.97%
21	25.46	0.867	9.186	0.92%
22	24.44	0.877	8.704	0.87%
23	23.50	0.886	8.250	0.83%
24	22.62	0.894	7.825	0.78%
25	21.80	0.902	7.426	0.74%
26	21.04	0.910	7.052	0.71%
27	20.32	0.915	6.685	0.67%
28	19.65	0.921	6.343	0.63%
29	19.03	0.926	6.024	0.60%
30	18.43	0.931	5.726	0.57%
31	17.88	0.935	5.447	0.54%
32	17.35	0.938	5.180	0.52%

Horizontal Distance (m)	Depression Angle ( ° )	Interpolated Relative Field Value	Power Density ( $\mu\text{W}/\text{cm}^2$ )	% of Occupational Limit
33	16.86	0.942	4.931	0.49%
34	16.39	0.945	4.699	0.47%
35	15.95	0.948	4.483	0.45%
36	15.52	0.951	4.280	0.43%
37	15.12	0.953	4.090	0.41%
38	14.74	0.956	3.911	0.39%
39	14.38	0.958	3.742	0.37%
40	14.04	0.960	3.584	0.36%
41	13.71	0.962	3.435	0.34%
42	13.39	0.964	3.295	0.33%
43	13.09	0.965	3.163	0.32%
44	12.80	0.967	3.038	0.30%
45	12.53	0.969	2.921	0.29%
46	12.26	0.970	2.810	0.28%
47	12.01	0.972	2.706	0.27%
48	11.77	0.973	2.605	0.26%
49	11.53	0.974	2.510	0.25%
50	11.31	0.975	2.420	0.24%
51	11.09	0.977	2.335	0.23%
52	10.89	0.978	2.254	0.23%
53	10.68	0.979	2.177	0.22%
54	10.49	0.980	2.104	0.21%
55	10.30	0.980	2.034	0.20%
56	10.12	0.981	1.968	0.20%
57	9.95	0.982	1.905	0.19%
58	9.78	0.983	1.845	0.18%
59	9.62	0.984	1.788	0.18%
60	9.46	0.985	1.733	0.17%
61	9.31	0.985	1.681	0.17%
62	9.16	0.986	1.631	0.16%
63	9.02	0.987	1.583	0.16%
64	8.88	0.987	1.537	0.15%
65	8.75	0.988	1.493	0.15%
66	8.62	0.989	1.450	0.15%
67	8.49	0.989	1.410	0.14%
68	8.37	0.990	1.371	0.14%
69	8.25	0.990	1.333	0.13%
70	8.13	0.990	1.298	0.13%
71	8.02	0.991	1.263	0.13%
72	7.91	0.991	1.230	0.12%
73	7.80	0.992	1.198	0.12%
74	7.70	0.992	1.168	0.12%
75	7.59	0.993	1.138	0.11%

Horizontal Distance (m)	Depression Angle ( ° )	Interpolated Relative Field Value	Power Density ( $\mu\text{W}/\text{cm}^2$ )	% of Occupational Limit
76	7.50	0.993	1.110	0.11%
77	7.40	0.993	1.082	0.11%
78	7.31	0.994	1.056	0.11%
79	7.21	0.994	1.031	0.10%
80	7.13	0.994	1.006	0.10%
81	7.04	0.995	0.983	0.10%
82	6.95	0.995	0.960	0.10%
83	6.87	0.996	0.938	0.09%
84	6.79	0.996	0.916	0.09%
85	6.71	0.996	0.896	0.09%
86	6.63	0.996	0.876	0.09%
87	6.56	0.997	0.857	0.09%
88	6.48	0.997	0.838	0.08%
89	6.41	0.997	0.820	0.08%
90	6.34	0.998	0.803	0.08%
91	6.27	0.998	0.786	0.08%
92	6.20	0.998	0.769	0.08%
93	6.14	0.998	0.754	0.08%
94	6.07	0.999	0.738	0.07%
95	6.01	0.999	0.723	0.07%
96	5.95	0.999	0.708	0.07%
97	5.89	0.999	0.694	0.07%
98	5.83	0.999	0.680	0.07%
99	5.77	0.999	0.667	0.07%
100	5.71	0.999	0.653	0.07%

**Power Density Calculations for K286BU**  
**6/25/2014**

Station: K286BU  
Antenna: BKG77  
RCAGL (m): 12  
ERP (kW): 0.500  
Limit ( $\mu\text{W}/\text{cm}^2$ ): 1000

Horizontal Distance (m)	Depression Angle ( ° )	Interpolated Relative Field Value	Power Density ( $\mu\text{W}/\text{cm}^2$ )	% of Occupational Limit
0	90.00	0.105	1.841	0.18%
1	84.29	0.105	1.806	0.18%
2	78.69	0.139	3.114	0.31%
3	73.30	0.196	5.875	0.59%
4	68.20	0.265	10.091	1.01%
5	63.43	0.338	15.267	1.53%
6	59.04	0.405	20.187	2.02%
7	55.01	0.465	24.188	2.42%
8	51.34	0.518	27.324	2.73%
9	48.01	0.568	29.747	2.97%
10	45.00	0.616	31.685	3.17%
11	42.27	0.657	32.607	3.26%
12	39.81	0.694	32.956	3.30%
13	37.57	0.725	32.596	3.26%
14	35.54	0.751	31.808	3.18%
15	33.69	0.774	30.804	3.08%
16	32.01	0.795	29.619	2.96%
17	30.47	0.813	28.346	2.83%
18	29.05	0.829	27.050	2.70%
19	27.76	0.843	25.768	2.58%
20	26.57	0.856	24.485	2.45%
21	25.46	0.867	23.196	2.32%
22	24.44	0.877	21.979	2.20%
23	23.50	0.886	20.835	2.08%
24	22.62	0.894	19.760	1.98%
25	21.80	0.902	18.751	1.88%
26	21.04	0.910	17.807	1.78%
27	20.32	0.915	16.881	1.69%
28	19.65	0.921	16.016	1.60%
29	19.03	0.926	15.211	1.52%
30	18.43	0.931	14.460	1.45%
31	17.88	0.935	13.755	1.38%
32	17.35	0.938	13.081	1.31%



Horizontal Distance (m)	Depression Angle ( ° )	Interpolated Relative Field Value	Power Density ( $\mu\text{W}/\text{cm}^2$ )	% of Occupational Limit
33	16.86	0.942	12.453	1.25%
34	16.39	0.945	11.867	1.19%
35	15.95	0.948	11.320	1.13%
36	15.52	0.951	10.808	1.08%
37	15.12	0.953	10.329	1.03%
38	14.74	0.956	9.876	0.99%
39	14.38	0.958	9.449	0.94%
40	14.04	0.960	9.049	0.90%
41	13.71	0.962	8.673	0.87%
42	13.39	0.964	8.320	0.83%
43	13.09	0.965	7.987	0.80%
44	12.80	0.967	7.673	0.77%
45	12.53	0.969	7.376	0.74%
46	12.26	0.970	7.097	0.71%
47	12.01	0.972	6.832	0.68%
48	11.77	0.973	6.579	0.66%
49	11.53	0.974	6.339	0.63%
50	11.31	0.975	6.112	0.61%
51	11.09	0.977	5.896	0.59%
52	10.89	0.978	5.692	0.57%
53	10.68	0.979	5.497	0.55%
54	10.49	0.980	5.313	0.53%
55	10.30	0.980	5.137	0.51%
56	10.12	0.981	4.970	0.50%
57	9.95	0.982	4.811	0.48%
58	9.78	0.983	4.659	0.47%
59	9.62	0.984	4.515	0.45%
60	9.46	0.985	4.376	0.44%
61	9.31	0.985	4.244	0.42%
62	9.16	0.986	4.118	0.41%
63	9.02	0.987	3.997	0.40%
64	8.88	0.987	3.881	0.39%
65	8.75	0.988	3.769	0.38%
66	8.62	0.989	3.662	0.37%
67	8.49	0.989	3.560	0.36%
68	8.37	0.990	3.462	0.35%
69	8.25	0.990	3.367	0.34%
70	8.13	0.990	3.277	0.33%
71	8.02	0.991	3.190	0.32%
72	7.91	0.991	3.106	0.31%
73	7.80	0.992	3.026	0.30%
74	7.70	0.992	2.949	0.29%
75	7.59	0.993	2.874	0.29%

Horizontal Distance (m)	Depression Angle ( ° )	Interpolated Relative Field Value	Power Density ( $\mu\text{W}/\text{cm}^2$ )	% of Occupational Limit
76	7.50	0.993	2.803	0.28%
77	7.40	0.993	2.734	0.27%
78	7.31	0.994	2.667	0.27%
79	7.21	0.994	2.603	0.26%
80	7.13	0.994	2.541	0.25%
81	7.04	0.995	2.481	0.25%
82	6.95	0.995	2.424	0.24%
83	6.87	0.996	2.368	0.24%
84	6.79	0.996	2.314	0.23%
85	6.71	0.996	2.262	0.23%
86	6.63	0.996	2.212	0.22%
87	6.56	0.997	2.164	0.22%
88	6.48	0.997	2.117	0.21%
89	6.41	0.997	2.071	0.21%
90	6.34	0.998	2.027	0.20%
91	6.27	0.998	1.984	0.20%
92	6.20	0.998	1.943	0.19%
93	6.14	0.998	1.903	0.19%
94	6.07	0.999	1.864	0.19%
95	6.01	0.999	1.826	0.18%
96	5.95	0.999	1.789	0.18%
97	5.89	0.999	1.753	0.18%
98	5.83	0.999	1.717	0.17%
99	5.77	0.999	1.683	0.17%
100	5.71	0.999	1.650	0.17%

**Power Density Calculations for Proposed K239BN  
6/25/2014**

<b>Station:</b>	<b>K239BN</b>
<b>Antenna:</b>	<b>BKG77</b>
<b>RCAGL (m):</b>	<b>12</b>
<b>ERP (kW):</b>	<b>0.102</b>
<b>Limit (<math>\mu\text{W}/\text{cm}^2</math>):</b>	<b>1000</b>

<b>Horizontal Distance (m)</b>	<b>Depression Angle ( ° )</b>	<b>Interpolated Relative Field Value</b>	<b>Power Density (<math>\mu\text{W}/\text{cm}^2</math>)</b>	<b>% of Occupational Limit</b>
0	90.00	0.105	0.751	0.08%
1	84.29	0.105	0.737	0.07%
2	78.69	0.139	1.270	0.13%
3	73.30	0.196	2.397	0.24%
4	68.20	0.265	4.117	0.41%
5	63.43	0.338	6.229	0.62%
6	59.04	0.405	8.236	0.82%
7	55.01	0.465	9.869	0.99%
8	51.34	0.518	11.148	1.11%
9	48.01	0.568	12.137	1.21%
10	45.00	0.616	12.927	1.29%
11	42.27	0.657	13.304	1.33%
12	39.81	0.694	13.446	1.34%
13	37.57	0.725	13.299	1.33%
14	35.54	0.751	12.978	1.30%
15	33.69	0.774	12.568	1.26%
16	32.01	0.795	12.084	1.21%
17	30.47	0.813	11.565	1.16%
18	29.05	0.829	11.036	1.10%
19	27.76	0.843	10.513	1.05%
20	26.57	0.856	9.990	1.00%
21	25.46	0.867	9.464	0.95%
22	24.44	0.877	8.968	0.90%
23	23.50	0.886	8.500	0.85%
24	22.62	0.894	8.062	0.81%
25	21.80	0.902	7.651	0.77%
26	21.04	0.910	7.265	0.73%
27	20.32	0.915	6.887	0.69%
28	19.65	0.921	6.535	0.65%
29	19.03	0.926	6.206	0.62%
30	18.43	0.931	5.900	0.59%
31	17.88	0.935	5.612	0.56%
32	17.35	0.938	5.337	0.53%

Horizontal Distance (m)	Depression Angle ( ° )	Interpolated Relative Field Value	Power Density ( $\mu\text{W}/\text{cm}^2$ )	% of Occupational Limit
33	16.86	0.942	5.081	0.51%
34	16.39	0.945	4.842	0.48%
35	15.95	0.948	4.618	0.46%
36	15.52	0.951	4.410	0.44%
37	15.12	0.953	4.214	0.42%
38	14.74	0.956	4.029	0.40%
39	14.38	0.958	3.855	0.39%
40	14.04	0.960	3.692	0.37%
41	13.71	0.962	3.539	0.35%
42	13.39	0.964	3.394	0.34%
43	13.09	0.965	3.259	0.33%
44	12.80	0.967	3.130	0.31%
45	12.53	0.969	3.010	0.30%
46	12.26	0.970	2.895	0.29%
47	12.01	0.972	2.788	0.28%
48	11.77	0.973	2.684	0.27%
49	11.53	0.974	2.586	0.26%
50	11.31	0.975	2.494	0.25%
51	11.09	0.977	2.406	0.24%
52	10.89	0.978	2.322	0.23%
53	10.68	0.979	2.243	0.22%
54	10.49	0.980	2.168	0.22%
55	10.30	0.980	2.096	0.21%
56	10.12	0.981	2.028	0.20%
57	9.95	0.982	1.963	0.20%
58	9.78	0.983	1.901	0.19%
59	9.62	0.984	1.842	0.18%
60	9.46	0.985	1.786	0.18%
61	9.31	0.985	1.732	0.17%
62	9.16	0.986	1.680	0.17%
63	9.02	0.987	1.631	0.16%
64	8.88	0.987	1.583	0.16%
65	8.75	0.988	1.538	0.15%
66	8.62	0.989	1.494	0.15%
67	8.49	0.989	1.452	0.15%
68	8.37	0.990	1.412	0.14%
69	8.25	0.990	1.374	0.14%
70	8.13	0.990	1.337	0.13%
71	8.02	0.991	1.301	0.13%
72	7.91	0.991	1.267	0.13%
73	7.80	0.992	1.235	0.12%
74	7.70	0.992	1.203	0.12%
75	7.59	0.993	1.173	0.12%

Horizontal Distance (m)	Depression Angle ( ° )	Interpolated Relative Field Value	Power Density ( $\mu\text{W}/\text{cm}^2$ )	% of Occupational Limit
76	7.50	0.993	1.143	0.11%
77	7.40	0.993	1.115	0.11%
78	7.31	0.994	1.088	0.11%
79	7.21	0.994	1.062	0.11%
80	7.13	0.994	1.037	0.10%
81	7.04	0.995	1.012	0.10%
82	6.95	0.995	0.989	0.10%
83	6.87	0.996	0.966	0.10%
84	6.79	0.996	0.944	0.09%
85	6.71	0.996	0.923	0.09%
86	6.63	0.996	0.903	0.09%
87	6.56	0.997	0.883	0.09%
88	6.48	0.997	0.864	0.09%
89	6.41	0.997	0.845	0.08%
90	6.34	0.998	0.827	0.08%
91	6.27	0.998	0.810	0.08%
92	6.20	0.998	0.793	0.08%
93	6.14	0.998	0.776	0.08%
94	6.07	0.999	0.761	0.08%
95	6.01	0.999	0.745	0.07%
96	5.95	0.999	0.730	0.07%
97	5.89	0.999	0.715	0.07%
98	5.83	0.999	0.701	0.07%
99	5.77	0.999	0.687	0.07%
100	5.71	0.999	0.673	0.07%

**Total Power Density From All FM Emitters**  
**Proposed K239BN, Idaho Falls, ID FAC# 152313**  
**6/25/2014**

<b>Distance (m)</b>	<b>KQEO</b>	<b>KSNA</b>	<b>K223BU</b>	<b>K286BU</b>	<b>Proposed K239BN</b>	<b>TOTAL</b>
			<b>μW/cm2</b>			
0	211.777	211.777	0.730	1.840	0.750	426.123
1	214.850	214.850	0.720	1.810	0.740	432.231
2	218.020	218.020	1.230	3.110	1.270	440.380
3	221.187	221.187	2.330	5.880	2.400	450.583
4	224.190	224.190	4.000	10.090	4.120	462.470
5	237.907	237.907	6.050	15.270	6.230	497.133
6	252.322	252.322	7.990	20.190	8.240	532.825
7	265.498	265.498	9.580	24.190	9.870	564.767
8	276.788	276.788	10.820	27.320	11.150	591.716
9	287.694	287.694	11.780	29.750	12.140	616.919
10	296.318	296.318	12.550	31.680	12.930	636.865
11	300.878	300.878	12.910	32.610	13.300	647.276
12	300.510	300.510	13.050	32.960	13.450	647.029
13	294.863	294.863	12.910	32.600	13.300	635.235
14	283.670	283.670	12.600	31.810	12.980	611.749
15	266.264	266.264	12.200	30.800	12.570	575.529
16	242.933	242.933	11.730	29.620	12.080	527.215
17	214.465	214.465	11.220	28.350	11.570	468.499
18	182.838	182.838	10.710	27.050	11.040	403.436
19	148.974	148.974	10.200	25.770	10.510	333.918
20	114.714	114.714	9.700	24.490	9.990	263.619
21	82.149	82.149	9.190	23.200	9.460	196.688
22	53.252	53.252	8.700	21.980	8.970	137.184
23	29.549	29.549	8.250	20.830	8.500	88.177
24	12.719	12.719	7.820	19.760	8.060	53.018
25	3.027	3.027	7.430	18.750	7.650	32.234
26	0.000	0.000	7.050	17.810	7.270	24.860
27	2.506	2.506	6.680	16.880	6.890	28.573
28	8.950	8.950	6.340	16.020	6.530	40.260
29	17.488	17.488	6.020	15.210	6.210	56.207
30	26.257	26.257	5.730	14.460	5.900	72.703
31	33.626	33.626	5.450	13.750	5.610	86.452
32	38.401	38.401	5.180	13.080	5.340	95.063
33	39.914	39.914	4.930	12.450	5.080	97.208
34	37.865	37.865	4.700	11.870	4.840	92.301
35	33.086	33.086	4.480	11.320	4.620	81.973
36	26.476	26.476	4.280	10.810	4.410	68.043

Distance (m)	KQEO	KSNA	K223BU μW/cm2	K286BU μW/cm2	Proposed K239BN	TOTAL
37	19.110	19.110	4.090	10.330	4.210	52.640
38	12.051	12.051	3.910	9.880	4.030	37.893
39	6.195	6.195	3.740	9.450	3.860	25.580
40	2.166	2.166	3.580	9.050	3.690	16.963
41	0.204	0.204	3.430	8.670	3.540	12.508
42	0.290	0.290	3.290	8.320	3.390	12.190
43	2.141	2.141	3.160	7.990	3.260	15.433
44	5.255	5.255	3.040	7.670	3.130	21.220
45	9.007	9.007	2.920	7.380	3.010	28.314
46	12.756	12.756	2.810	7.100	2.900	35.422
47	15.935	15.935	2.710	6.830	2.790	41.410
48	18.046	18.046	2.610	6.580	2.680	45.283
49	18.916	18.916	2.510	6.340	2.590	46.682
50	18.507	18.507	2.420	6.110	2.490	45.545
51	16.953	16.953	2.330	5.900	2.410	42.136
52	14.517	14.517	2.250	5.690	2.320	36.973
53	11.542	11.542	2.180	5.500	2.240	30.765
54	8.402	8.402	2.100	5.310	2.170	24.214
55	5.447	5.447	2.030	5.140	2.100	18.064
56	2.971	2.971	1.970	4.970	2.030	12.882
57	1.179	1.179	1.910	4.810	1.960	9.079
58	0.197	0.197	1.850	4.660	1.900	6.905
59	0.034	0.034	1.790	4.510	1.840	6.368
60	0.615	0.615	1.730	4.380	1.790	7.340
61	1.801	1.801	1.680	4.240	1.730	9.521
62	3.410	3.410	1.630	4.120	1.680	12.569
63	5.241	5.241	1.580	4.000	1.630	16.063
64	7.098	7.098	1.540	3.880	1.580	19.616
65	8.801	8.801	1.490	3.770	1.540	22.863
66	10.207	10.207	1.450	3.660	1.490	25.523
67	11.210	11.210	1.410	3.560	1.450	27.391
68	11.748	11.748	1.370	3.460	1.410	28.325
69	11.808	11.808	1.330	3.370	1.370	28.317
70	11.418	11.418	1.300	3.280	1.340	27.416
71	10.632	10.632	1.260	3.190	1.300	25.714
72	9.531	9.531	1.230	3.110	1.270	23.402
73	8.208	8.208	1.200	3.030	1.230	20.647
74	6.765	6.765	1.170	2.950	1.200	17.649
75	5.298	5.298	1.140	2.870	1.170	14.607
76	3.899	3.899	1.110	2.800	1.140	11.709
77	2.645	2.645	1.080	2.730	1.120	9.101
78	1.597	1.597	1.060	2.670	1.090	6.923
79	0.797	0.797	1.030	2.600	1.060	5.223

Distance (m)	KQEO	KSNA	K223BU μW/cm2	K286BU	Proposed K239BN	TOTAL
80	0.269	0.269	1.010	2.540	1.040	4.089
81	0.022	0.022	0.980	2.480	1.010	3.504
82	0.046	0.046	0.960	2.420	0.990	3.472
83	0.318	0.318	0.940	2.370	0.970	3.946
84	0.806	0.806	0.920	2.310	0.940	4.842
85	1.469	1.469	0.900	2.260	0.920	6.098
86	2.262	2.262	0.880	2.210	0.900	7.613
87	3.137	3.137	0.860	2.160	0.880	9.295
88	4.049	4.049	0.840	2.120	0.860	11.059
89	4.954	4.954	0.820	2.070	0.840	12.798
90	5.812	5.812	0.800	2.030	0.830	14.454
91	6.590	6.590	0.790	1.980	0.810	15.950
92	7.260	7.260	0.770	1.940	0.790	17.230
93	7.801	7.801	0.750	1.900	0.780	18.252
94	8.200	8.200	0.740	1.860	0.760	19.000
95	8.449	8.449	0.720	1.830	0.750	19.448
96	8.547	8.547	0.710	1.790	0.730	19.594
97	8.498	8.498	0.690	1.750	0.720	19.436
98	8.312	8.312	0.680	1.720	0.700	19.024
99	8.000	8.000	0.670	1.680	0.690	18.351
100	7.580	7.580	0.650	1.650	0.670	17.460









**CAUTION**

HIGH LEVEL

RADIO FREQUENCY ENERGY AREA

**NO TRESPASSING**



