

## **Exhibit 24.1**

### **Compliance with Radiofrequency Radiation Guidelines**

The potential for human exposure to non-ionizing radiofrequency radiation at the proposed transmitter has been evaluated. In addition to the proposed FM operation of WJTF (FM) on Channel 210C1, the transmitter site is not shared by any other broadcast facility.

The proposed WJTF(FM) facility will operate on Channel 210C1 with a maximum effective radiated power (ERP) of 100.0 kW (H)&(V). The antenna will be a Shively 6810–6DA six (6) bay mounted 109.7 meters Above Ground Level.

The site has been evaluated for compliance with the FCC guidelines concerning human exposure to radiofrequency radiation. The standards employed are detailed in OET Bulletin No. 65 (Edition 97-01). The “RF Haz<sup>TM</sup>” software program version 2.4.6 from V-Soft Communications<sup>TM</sup> was utilized to determine the individual contribution of the proposed WJTF(FM) facility. This software program combines formulas from the OET Bulletin No. 65 (Edition 97-01) with EPA researched element and array patterns as published in PB85-2458-68, "Engineering Assessment of the Potential Impact of Federal Radiation Protection Guidance on the AM, FM and TV Broadcast Services." FM radiofrequency radiation levels were predicted using calculations, which were based on the number of bays of the antenna, wavelength spacing between the bays, the effective radiated power of the antennas and the heights above ground level (AGL) of the radiation center of the proposed and existing antennas.

The result of the evaluations for the stations is shown in both graphical and tabular forms at the end of this report. The tabulation lists the portion of the tabular output for the stations showing the region of maximum radio frequency radiation. The FM graphical displays have been scaled to show the best definition of the data curve.

To evaluate the total exposure to non-ionizing radiofrequency radiation it is necessary to the contribution as a decimal fraction of the maximum permissible limit. If the result is less than or equal to 100%, the exposure is concluded to be within the guidelines of OET Bulletin No. 65 (Edition 97-01). To simplify the calculations and produce a “worst case” study, the maximum exposure level produced by each station has been selected without regard to the location of that exposure. The following table is based on the uncontrolled limits set forth in OET Bulletin No. 65 (Edition 97-01).

The “Dist to COR” value shown on all tabulations represents the height of the antenna center of radiation above an observer on the ground who is assumed to be 2 meters in height.

<b><u>Contributing Station</u></b>	<b><u>Maximum Contribution</u></b>	<b><u>Uncontrolled Limit</u></b>	<b><u>% of Limit</u></b>
WJTF.p(FM)	29.35 $\mu\text{W}/\text{cm}^2$	200 $\mu\text{W}/\text{cm}^2$	14.67%

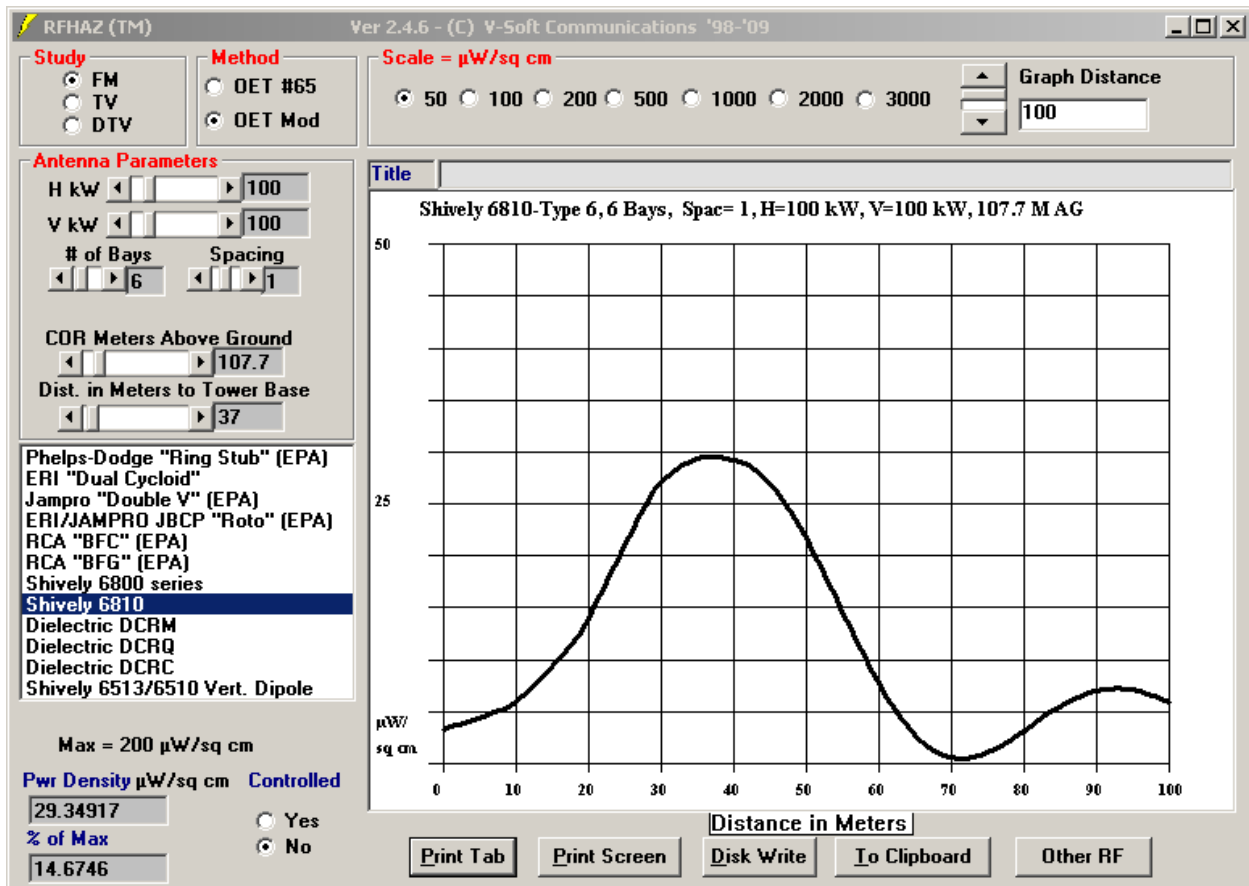
Since the Total % of the Limit is less than 100% of the more stringent uncontrolled environment guidelines, the proposed installation will comply with the current guidelines.

In addition to the protection afforded by the proposed antenna heights above ground, the facility is properly marked with signs, and entry to the facility is restricted by means of

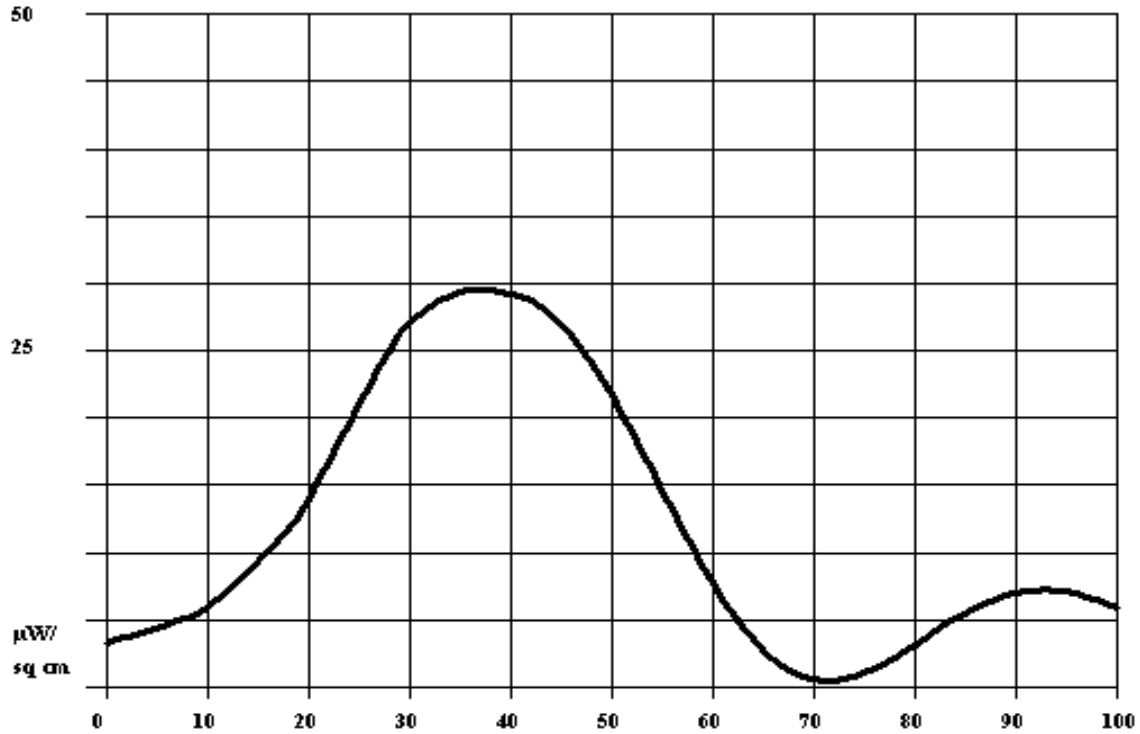
fencing with locked doors and/or gates. Any other means that may be required to protect employees and the general public will be employed.

In the event work is required in proximity to the antenna(s) such that the person or persons working in the area will be potential exposed to fields in excess of the current guidelines, an agreement signed by all broadcast parties at the site will be in effect for the offending transmitter(s) to reduced power, or cease operation during the critical period.

## RFHAZ v2.4.6 Calculation for Proposed WJTF.p (FM)



Environment = Uncontrolled, Maximum = 200  $\mu\text{W}/\text{sq cm}$   
**Shively 6810-Type 6, 6 Bays, Spac= 1, H=100 kW, V=100 kW, 107.7 MAG**



HORZ. DISTANCE FROM FM RADIATOR VS POWER DENSITY (Microwatt/Square cm)  
 Dist(Meters) PD (H) PD (V) Total(uW/cm2) Percent Max.

Dist(Meters)	PD (H)	PD (V)	Total(uW/cm2)	Percent Max.
0	1.84	1.04	2.88	1.4
1	2.04	1.04	3.08	1.5
2	2.26	1.04	3.29	1.6
3	2.48	1.04	3.51	1.8
4	2.71	1.04	3.74	1.9
5	2.95	1.03	3.98	2.0
6	3.20	1.03	4.23	2.1
7	3.45	1.03	4.49	2.2
8	3.72	1.03	4.75	2.4
9	3.99	1.03	5.02	2.5
10	4.27	1.20	5.47	2.7
11	4.56	1.53	6.09	3.0
12	4.85	1.89	6.74	3.4
13	5.15	2.29	7.44	3.7
14	5.45	2.73	8.17	4.1
15	5.75	3.19	8.94	4.5
16	6.06	3.69	9.75	4.9
17	6.36	4.21	10.58	5.3
18	6.67	4.76	11.43	5.7
19	6.97	5.34	12.31	6.2
20	7.54	6.10	13.64	6.8
21	8.12	6.89	15.00	7.5
22	8.70	7.70	16.40	8.2
23	9.28	8.54	17.82	8.9
24	9.85	9.39	19.24	9.6
25	10.41	10.25	20.67	10.3

Dist(Meters)	PD (H)	PD (V)	Total(uW/cm2)	Percent Max.
26	10.96	11.11	22.08	11.0
27	11.49	11.97	23.46	11.7
28	12.00	12.81	24.81	12.4
29	12.46	13.58	26.04	13.0
30	12.80	13.97	26.77	13.4
31	13.10	14.33	27.43	13.7
32	13.36	14.64	28.00	14.0
33	13.58	14.90	28.48	14.2
34	13.75	15.11	28.86	14.4
35	13.87	15.26	29.13	14.6
36	13.94	15.36	29.30	14.6
37	13.95	15.39	29.35	14.7
38	13.91	15.37	29.28	14.6
39	13.82	15.28	29.09	14.5
40	13.80	15.20	29.00	14.5
41	13.75	15.07	28.82	14.4
42	13.64	14.86	28.50	14.3
43	13.45	14.59	28.05	14.0
44	13.20	14.26	27.45	13.7
45	12.88	13.85	26.73	13.4
46	12.50	13.39	25.88	12.9
47	12.06	12.86	24.92	12.5
48	11.56	12.29	23.85	11.9
49	11.01	11.67	22.68	11.3
50	10.42	11.00	21.43	10.7
51	9.80	10.29	20.08	10.0
52	9.14	9.54	18.68	9.3
53	8.45	8.79	17.24	8.6
54	7.75	8.02	15.78	7.9
55	7.05	7.26	14.30	7.2
56	6.34	6.50	12.84	6.4
57	5.64	5.76	11.40	5.7
58	4.96	5.04	10.00	5.0
59	4.30	4.35	8.65	4.3
60	3.67	3.70	7.37	3.7
61	3.08	3.09	6.17	3.1
62	2.53	2.53	5.05	2.5
63	2.02	2.02	4.04	2.0
64	1.56	1.56	3.12	1.6
65	1.17	1.16	2.32	1.2
66	0.82	0.82	1.64	0.8
67	0.54	0.54	1.08	0.5
68	0.32	0.32	0.64	0.3
69	0.16	0.16	0.32	0.2
70	0.05	0.05	0.11	0.1
71	0.00	0.00	0.01	0.0
72	0.01	0.01	0.02	0.0
73	0.06	0.06	0.12	0.1
74	0.16	0.15	0.31	0.2
75	0.29	0.29	0.58	0.3
76	0.46	0.45	0.91	0.5
77	0.66	0.64	1.30	0.7

Dist(Meters)	PD (H)	PD (V)	Total(uW/cm2)	Percent Max.
78	0.88	0.86	1.74	0.9
79	1.11	1.09	2.21	1.1
80	1.36	1.34	2.70	1.3
81	1.61	1.58	3.20	1.6
82	1.86	1.83	3.70	1.8
83	2.11	2.07	4.18	2.1
84	2.35	2.31	4.65	2.3
85	2.57	2.52	5.09	2.5
86	2.77	2.72	5.49	2.7
87	2.95	2.90	5.85	2.9
88	3.11	3.05	6.16	3.1
89	3.24	3.18	6.42	3.2
90	3.34	3.28	6.62	3.3
91	3.41	3.35	6.75	3.4
92	3.45	3.38	6.82	3.4
93	3.45	3.38	6.83	3.4
94	3.43	3.35	6.79	3.4
95	3.38	3.30	6.68	3.3
96	3.31	3.22	6.53	3.3
97	3.21	3.12	6.33	3.2
98	3.09	2.99	6.08	3.0
99	2.95	2.85	5.80	2.9
100	2.79	2.69	5.48	2.7