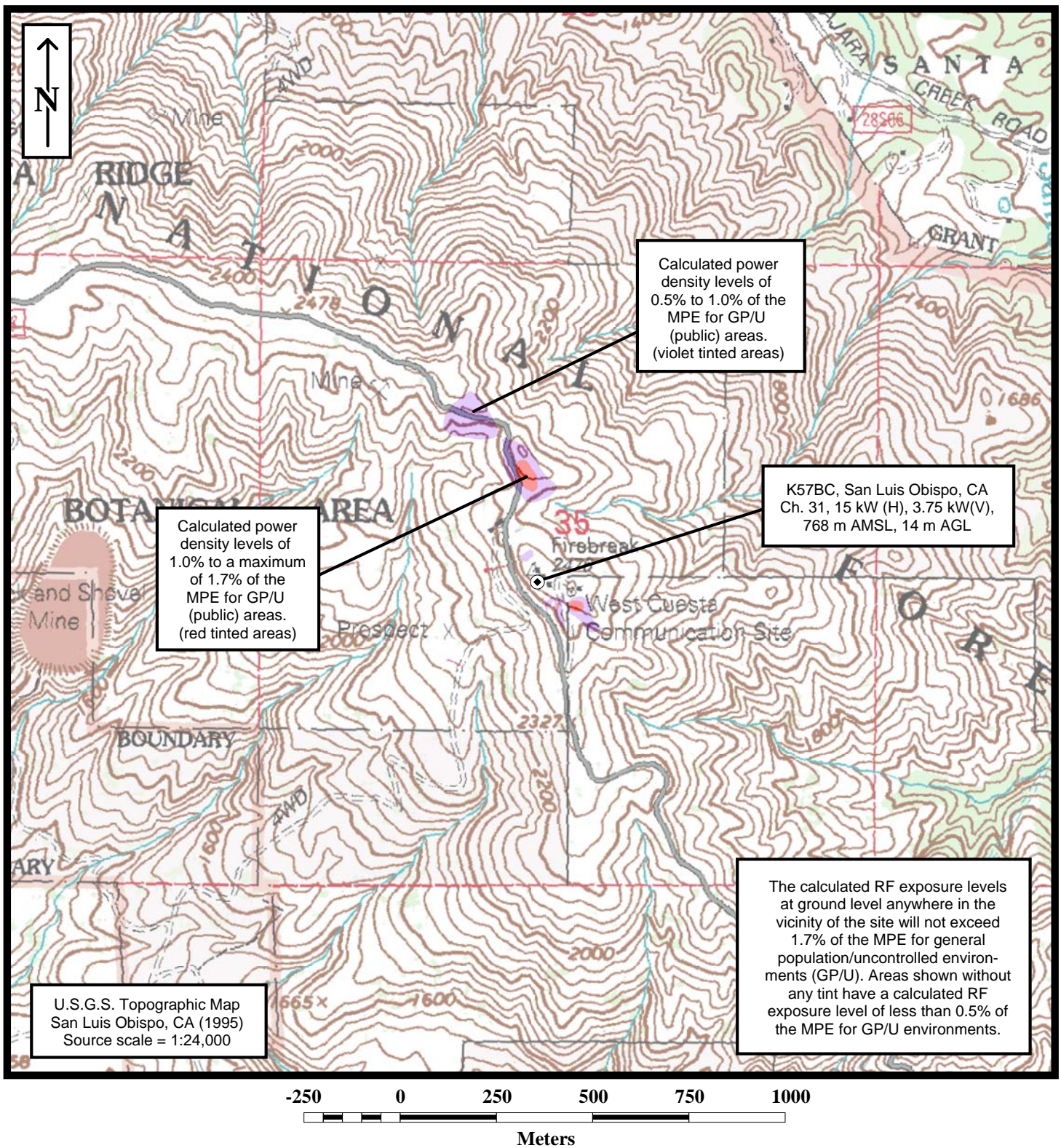


RF HAZARD STATEMENT
LOW POWER TELEVISION STATION K57BC
SAN LUIS OBISPO, ETC., CALIFORNIA
CHANNEL 31 15 KW(H), 3.75 KW(V), (MAX-DA) 768 M AMSL

The subject facility was evaluated for radio frequency (RF) energy exposure at 2-m AGL using the procedures outlined in OET Bulletin No. 65, *Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields*^{*}. Calculations were conducted over a high-resolution grid of over 30,000 points that encompassed an area within ± 500 meters of the proposed K57BC Channel 31 transmitter site. The high resolution USGS 1-second terrain database was employed; and the proposed transmitting antenna azimuth pattern and elevation pattern were considered in the calculations. The results of the analysis are shown graphically in Figure 1. The elevation pattern data for the proposed antenna are shown at Figure 2.

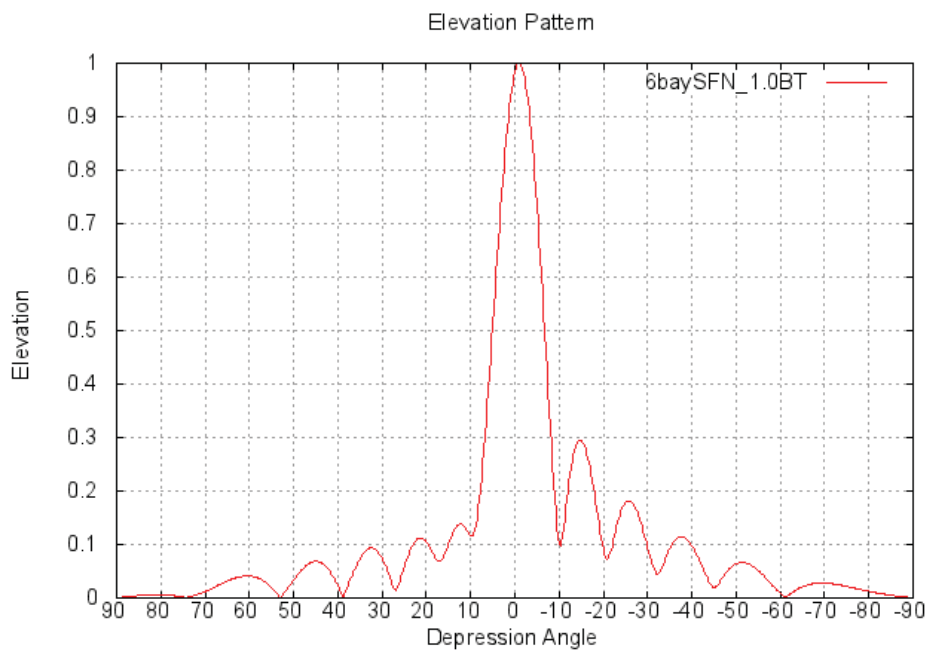
The calculations indicate that the RF field level from the proposed facility will not exceed 1.7% of the FCC general population / uncontrolled (GP/U) maximum permissible exposure (MPE) level at any location on ground in the vicinity of the facility. Therefore, the proposal complies with the FCC limits for human exposure to RF energy and it is categorically excluded from environmental processing. The applicant, in coordination with other users of the transmission facility, shall reduce power or cease operation as necessary to protect persons having access to the tower or antenna from RF energy in excess of the FCC guidelines.

^{*} Federal Communications Commission, Office of Engineering and Technology, OET Bulletin No. 65, Edition 97-01, August, 1997.



CALCULATED RF POWER DENSITY LEVELS FROM PROPOSED K57BC, CHANNEL 31, FACILITY

duTreil, Lundin & Rackley, Inc. Sarasota, Florida

Micronetixx Elevation Pattern 6baySFN_1.0BT

Elevation Gain for 6baySFN_1.0BT pattern is 7.00

Angle Field		Angle Field		Angle Field		Angle Field		Angle Field		Angle Field	
10.00	0.116	-0.25	0.991	-10.50	0.103	-30.50	0.078	-50.50	0.065	-70.50	0.028
9.75	0.115	-0.50	0.996	-11.00	0.130	-31.00	0.063	-51.00	0.066	-71.00	0.027
9.50	0.117	-0.75	0.999	-11.50	0.166	-31.50	0.052	-51.50	0.066	-71.50	0.027
9.25	0.121	-1.00	1.000	-12.00	0.201	-32.00	0.045	-52.00	0.066	-72.00	0.026
9.00	0.127	-1.25	0.999	-12.50	0.232	-32.50	0.046	-52.50	0.064	-72.50	0.026
8.75	0.137	-1.50	0.995	-13.00	0.257	-33.00	0.052	-53.00	0.063	-73.00	0.025
8.50	0.150	-1.75	0.990	-13.50	0.276	-33.50	0.062	-53.50	0.060	-73.50	0.024
8.25	0.165	-2.00	0.982	-14.00	0.288	-34.00	0.072	-54.00	0.058	-74.00	0.023
8.00	0.183	-2.25	0.972	-14.50	0.295	-34.50	0.082	-54.50	0.054	-74.50	0.023
7.75	0.204	-2.50	0.960	-15.00	0.295	-35.00	0.092	-55.00	0.051	-75.00	0.022
7.50	0.226	-2.75	0.945	-15.50	0.289	-35.50	0.099	-55.50	0.047	-75.50	0.021
7.25	0.250	-3.00	0.929	-16.00	0.278	-36.00	0.106	-56.00	0.043	-76.00	0.020
7.00	0.275	-3.25	0.911	-16.50	0.262	-36.50	0.110	-56.50	0.039	-76.50	0.019
6.75	0.302	-3.50	0.891	-17.00	0.242	-37.00	0.113	-57.00	0.035	-77.00	0.018
6.50	0.330	-3.75	0.869	-17.50	0.219	-37.50	0.114	-57.50	0.030	-77.50	0.017
6.25	0.358	-4.00	0.845	-18.00	0.193	-38.00	0.114	-58.00	0.026	-78.00	0.016
6.00	0.388	-4.25	0.819	-18.50	0.166	-38.50	0.112	-58.50	0.021	-78.50	0.015
5.75	0.418	-4.50	0.792	-19.00	0.138	-39.00	0.108	-59.00	0.017	-79.00	0.014
5.50	0.449	-4.75	0.764	-19.50	0.112	-39.50	0.103	-59.50	0.013	-79.50	0.013
5.25	0.480	-5.00	0.734	-20.00	0.090	-40.00	0.097	-60.00	0.009	-80.00	0.013
5.00	0.511	-5.25	0.703	-20.50	0.076	-40.50	0.090	-60.50	0.005	-80.50	0.012
4.75	0.543	-5.50	0.671	-21.00	0.074	-41.00	0.082	-61.00	0.003	-81.00	0.011
4.50	0.574	-5.75	0.638	-21.50	0.083	-41.50	0.073	-61.50	0.004	-81.50	0.010
4.25	0.605	-6.00	0.603	-22.00	0.098	-42.00	0.064	-62.00	0.007	-82.00	0.009
4.00	0.636	-6.25	0.569	-22.50	0.116	-42.50	0.054	-62.50	0.010	-82.50	0.009
3.75	0.666	-6.50	0.533	-23.00	0.133	-43.00	0.045	-63.00	0.012	-83.00	0.008
3.50	0.696	-6.75	0.497	-23.50	0.149	-43.50	0.036	-63.50	0.015	-83.50	0.007
3.25	0.725	-7.00	0.461	-24.00	0.161	-44.00	0.028	-64.00	0.017	-84.00	0.007
3.00	0.753	-7.25	0.425	-24.50	0.171	-44.50	0.022	-64.50	0.019	-84.50	0.006
2.75	0.781	-7.50	0.389	-25.00	0.178	-45.00	0.019	-65.00	0.021	-85.00	0.005
2.50	0.807	-7.75	0.353	-25.50	0.181	-45.50	0.021	-65.50	0.023	-85.50	0.005
2.25	0.831	-8.00	0.318	-26.00	0.181	-46.00	0.026	-66.00	0.024	-86.00	0.004
2.00	0.855	-8.25	0.283	-26.50	0.178	-46.50	0.032	-66.50	0.025	-86.50	0.004