

**EXHIBIT 43**  
**ENVIRONMENTAL PROCESSING EXCLUSION**  
**KFTL-DT 300KW-DA 928M HAAT CH. 62**  
**STOCKTON, CALIFORNIA**

This minor change application is categorically excluded from environmental processing by Section 1.1306 of the FCC Rules. It is excluded since the application does not involve a site location as described in Section 1.1307(a) and does not exceed the safety standards for human exposure to radio-frequency (RF) energy in Section 1.1307(b) as described below. Since the application is considered not to have a significant effect on the quality of the human environment under Section 1.1307(a) and (b), environmental processing is not required.

The proposal to increase horizontal ERP to 300 kW will not result in human exposure to levels of radiofrequency (RF) energy in excess of the *Radiofrequency Radiation Exposure Limits* specified in Section 1.1310 of the FCC Rules. Accordingly, the maximum permissible exposure (MPE) limit for Channel 62, at the center frequency of 761 MHz, is 507.33  $\mu\text{W}/\text{cm}^2$  for general (uncontrolled) exposure and 2,536.67  $\mu\text{W}/\text{cm}^2$  for occupational (controlled) exposure. Attached as Exhibits 43-A & B are the antenna elevation pattern and tabulation in relative field supplied by the manufacturer. These exhibits demonstrate that relative field values do not exceed 0.087 at all angles greater than 30° below the horizontal. Application of the Commission's formula for calculating power density contained in *OET Bulletin No. 65, Version 97-01*, and assuming 8.7% field yields a predicted "worst case" power density level of 21.79  $\mu\text{W}/\text{cm}^2$  at 2 meters above ground near the base of the antenna supporting structure. This estimated worst case power density level is less than 5% of the guideline for both controlled and uncontrolled exposure. Since exposure is less than 5% of the MPE limits, the applicant is not required

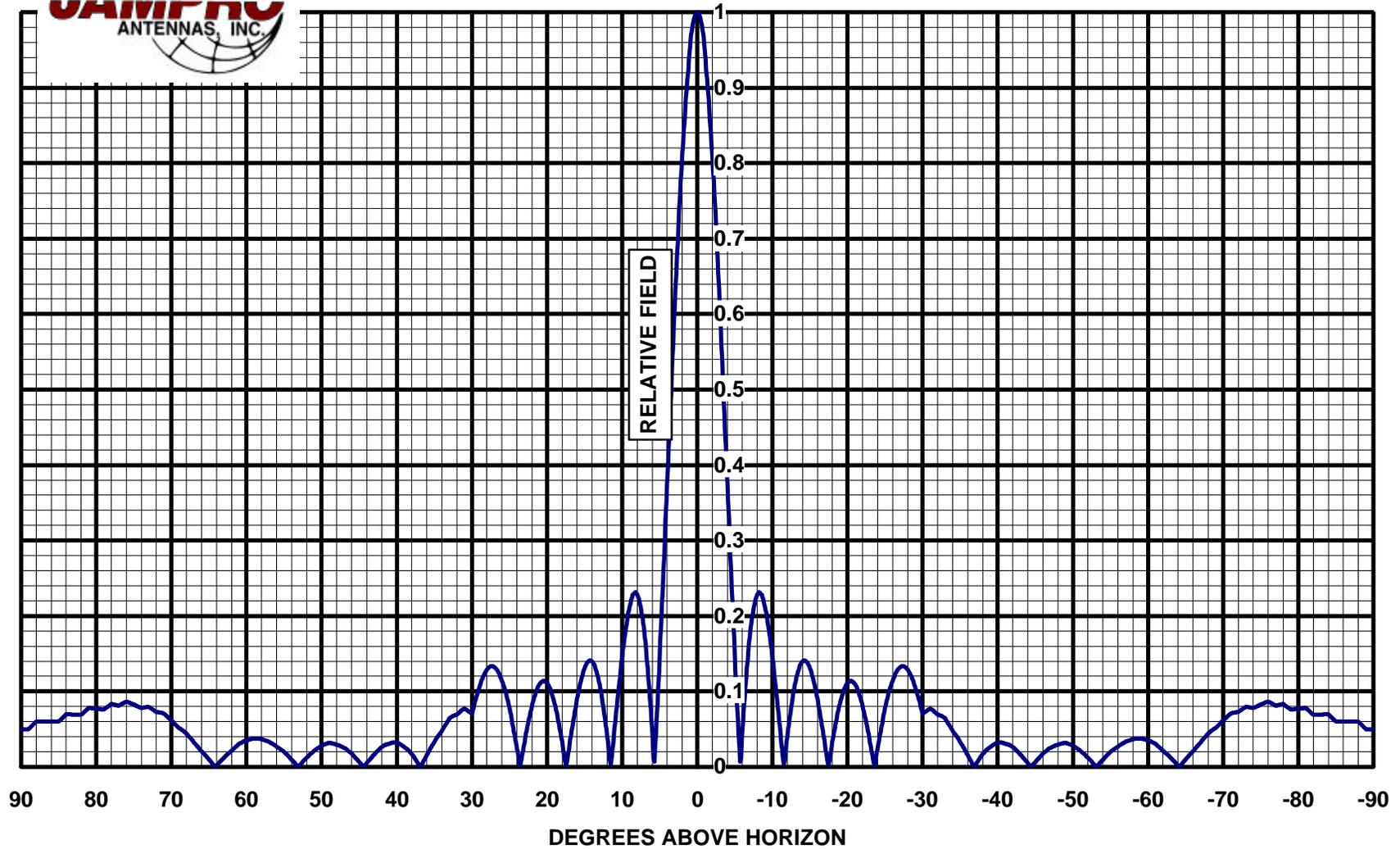
to share responsibility for compliance in any accessible area or areas where the appropriate limits may be exceeded as a result of contributions from other co-located or nearby RF sources as provided in Section 1.1307(b) of the FCC Rules. Therefore, it is not necessary to further evaluate the antenna location with respect other RF contributors.

The applicant has adopted a work policy in coordination with other users of the site to avoid occupational exposure in excess of the MPE controlled limit. Workers will be protected from excessive exposure in areas of close proximity to RF sources in accordance with the methods recommended in *OET Bulletin No. 65, Version 97-01*. Preventive steps to avoid harmful exposure include scheduling work when the facility is shut down or operating at reduced power or by time averaging. In addition, the antenna supporting structure and base facilities are also equipped with suitable warning signs to restrict and control access.

**LOHNES AND CULVER**  
February, 2002



### JUHD 5-bay COMPUTED ELEVATION PATTERN





JUHD 4-bay TABULATION

RELATIVE FIELD VS ELEVATION ANGLE

<u>ELEVATION</u> <u>ANGLE</u>	<u>RELATIVE</u> <u>FIELD</u>	<u>ELEVATION</u> <u>ANGLE</u>	<u>RELATIVE</u> <u>FIELD</u>	<u>ELEVATION</u> <u>ANGLE</u>	<u>RELATIVE</u> <u>FIELD</u>
10	0.146	-26	0.114	-61	0.030
9	0.212	-27	0.132	-62	0.021
8	0.229	-28	0.129	-63	0.012
7	0.174	-29	0.106	-64	0.002
6	0.045	-30	0.070	-65	0.010
5	0.148	-31	0.077	-66	0.021
4	0.376	-32	0.069	-67	0.033
3	0.611	-33	0.064	-68	0.044
2	0.810	-34	0.047	-69	0.052
1	0.953	-35	0.033	-70	0.062
0	1.000	-36	0.016	-71	0.071
-1	0.953	-37	0.002	-72	0.073
-2	0.810	-38	0.017	-73	0.080
-3	0.611	-39	0.026	-74	0.078
-4	0.376	-40	0.032	-75	0.083
-5	0.148	-41	0.031	-76	0.087
-6	0.045	-42	0.026	-77	0.081
-7	0.174	-43	0.016	-78	0.083
-8	0.229	-44	0.005	-79	0.076
-9	0.212	-45	0.006	-80	0.077
-10	0.146	-46	0.017	-81	0.078
-11	0.051	-47	0.025	-82	0.069
-12	0.041	-48	0.029	-83	0.069
-13	0.109	-49	0.032	-84	0.070
-14	0.140	-50	0.028	-85	0.060
-15	0.131	-51	0.021	-86	0.060
-16	0.090	-52	0.012	-87	0.060
-17	0.030	-53	0.001	-88	0.060
-18	0.034	-54	0.010	-89	0.050
-19	0.084	-55	0.020	-90	0.050
-20	0.111	-56	0.027		
-21	0.109	-57	0.033		
-22	0.081	-58	0.037		
-23	0.033	-59	0.037		
-24	0.024	-60	0.035		
-25	0.078				