

**GREG BEST
CONSULTING, INC.**

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October 20, 2005

Federal Communications Commission
Media Bureau
445 12th Street SW
Washington, DC 20554

Dear Sir,

This will serve as the exhibit for the Elevation Radiation Tabulation for the Kathrein model 773928 antenna.

ELEVATION RELATIVE FIELD

(°)	(%)	(dB)
90.	.5	-45.3
89.	.5	-45.3
88.	.5	-45.4
87.	.5	-45.3
86.	.5	-45.6
85.	.5	-45.8
84.	.6	-45.1
83.	.6	-44.0
82.	.7	-42.6
81.	.9	-41.4
80.	1.0	-40.0
79.	1.1	-39.0
78.	1.2	-38.6
77.	1.2	-38.1
76.	1.3	-38.0
75.	1.2	-38.3
74.	1.2	-38.6
73.	1.1	-39.2
72.	1.0	-40.4
71.	.8	-41.9
70.	.8	-42.3
69.	1.1	-39.4
68.	1.6	-36.2
67.	2.1	-33.6
66.	2.5	-32.0
65.	2.7	-31.4
64.	2.4	-32.2
63.	1.8	-34.8
62.	.8	-41.5
61.	.4	-47.4
60.	1.5	-36.2
59.	2.5	-32.1
58.	2.7	-31.4
57.	1.9	-34.5
56.	2.3	-32.8

55.	6.2	-24.1
54.	11.1	-19.1
53.	15.5	-16.2
52.	18.3	-14.7
51.	18.7	-14.6
50.	16.3	-15.8
49.	12.0	-18.4
48.	6.8	-23.4
47.	3.2	-30.0
46.	3.8	-28.4
45.	4.5	-27.0
44.	4.1	-27.7
43.	3.6	-28.9
42.	3.1	-30.1
41.	2.1	-33.6
40.	1.9	-34.4
39.	3.2	-29.9
38.	3.6	-29.0
37.	2.5	-32.0
36.	1.4	-37.1
35.	2.8	-31.2
34.	3.2	-29.9
33.	2.2	-33.2
32.	1.3	-37.4
31.	2.4	-32.4
30.	2.6	-31.7
29.	1.4	-37.1
28.	.1	-61.4
27.	.8	-42.0
26.	.8	-41.7
25.	.7	-43.5
24.	4.4	-27.2
23.	11.6	-18.7
22.	19.0	-14.4
21.	21.1	-13.5
20.	15.3	-16.3
19.	6.3	-24.0
18.	8.2	-21.7
17.	10.4	-19.7
16.	9.6	-20.3
15.	8.7	-21.2
14.	5.9	-24.6
13.	10.9	-19.3
12.	15.5	-16.2
11.	10.4	-19.6
10.	10.4	-19.7
9.	20.5	-13.8
8.	18.0	-14.9
7.	11.6	-18.7
6.	26.1	-11.7
5.	29.2	-10.7
4.	12.3	-18.2
3.	12.3	-18.2
2.	21.9	-13.2
1.	11.0	-19.2
0.	46.1	-6.7

-1.	87.0	-1.2
-2.	100.0	.0
-3.	78.5	-2.1
-4.	39.0	-8.2
-5.	14.3	-16.9
-6.	20.0	-14.0
-7.	17.9	-14.9
-8.	14.7	-16.7
-9.	10.2	-19.8
-10.	8.3	-21.6
-11.	14.9	-16.6
-12.	13.7	-17.3
-13.	6.4	-23.8
-14.	12.0	-18.4
-15.	14.8	-16.6
-16.	8.6	-21.3
-17.	8.5	-21.4
-18.	13.2	-17.6
-19.	10.3	-19.7
-20.	2.2	-33.3
-21.	3.9	-28.2
-22.	4.0	-28.0
-23.	1.4	-36.9
-24.	3.7	-28.7
-25.	4.0	-27.9
-26.	4.1	-27.7
-27.	3.8	-28.4
-28.	3.0	-30.4
-29.	1.6	-35.7
-30.	1.3	-38.0
-31.	2.0	-34.1
-32.	2.1	-33.7
-33.	2.0	-33.8
-34.	1.8	-34.7
-35.	1.2	-38.2
-36.	2.0	-33.9
-37.	3.3	-29.6
-38.	3.2	-29.8
-39.	2.0	-34.0
-40.	2.4	-32.3
-41.	4.4	-27.2
-42.	4.9	-26.3
-43.	3.6	-29.0
-44.	2.7	-31.4
-45.	5.0	-26.0
-46.	6.6	-23.6
-47.	6.1	-24.2
-48.	3.6	-28.9
-49.	.4	-48.3
-50.	2.9	-30.9
-51.	4.1	-27.7
-52.	3.4	-29.4
-53.	1.9	-34.6
-54.	4.8	-26.4
-55.	8.9	-21.0
-56.	11.9	-18.5

-57.	13.3	-17.6
-58.	11.2	-19.0
-60.	8.8	-21.1
-61.	6.6	-23.6
-62.	4.4	-27.1
-63.	2.6	-31.6
-64.	1.5	-36.4
-65.	1.3	-38.0
-66.	1.5	-36.7
-67.	1.6	-36.2
-68.	1.5	-36.5
-69.	1.4	-37.3
-70.	1.2	-38.5
-71.	1.1	-39.4
-72.	.9	-40.5
-73.	.9	-41.1
-74.	.8	-42.0
-75.	.7	-42.9
-76.	.7	-43.4
-77.	.6	-44.2
-78.	.5	-45.4
-79.	.5	-45.6
-80.	.5	-45.9
-81.	.5	-45.4
-82.	.6	-44.4
-83.	.6	-43.8
-84.	.7	-43.0
-85.	.8	-42.2
-86.	.8	-41.8
-87.	.8	-41.6
-88.	.9	-41.3
-89.	.9	-41.1
-90.	.9	-41.3

Should you have any questions regarding this information please contact me.

Sincerely,

Gregory L. Best PE
President