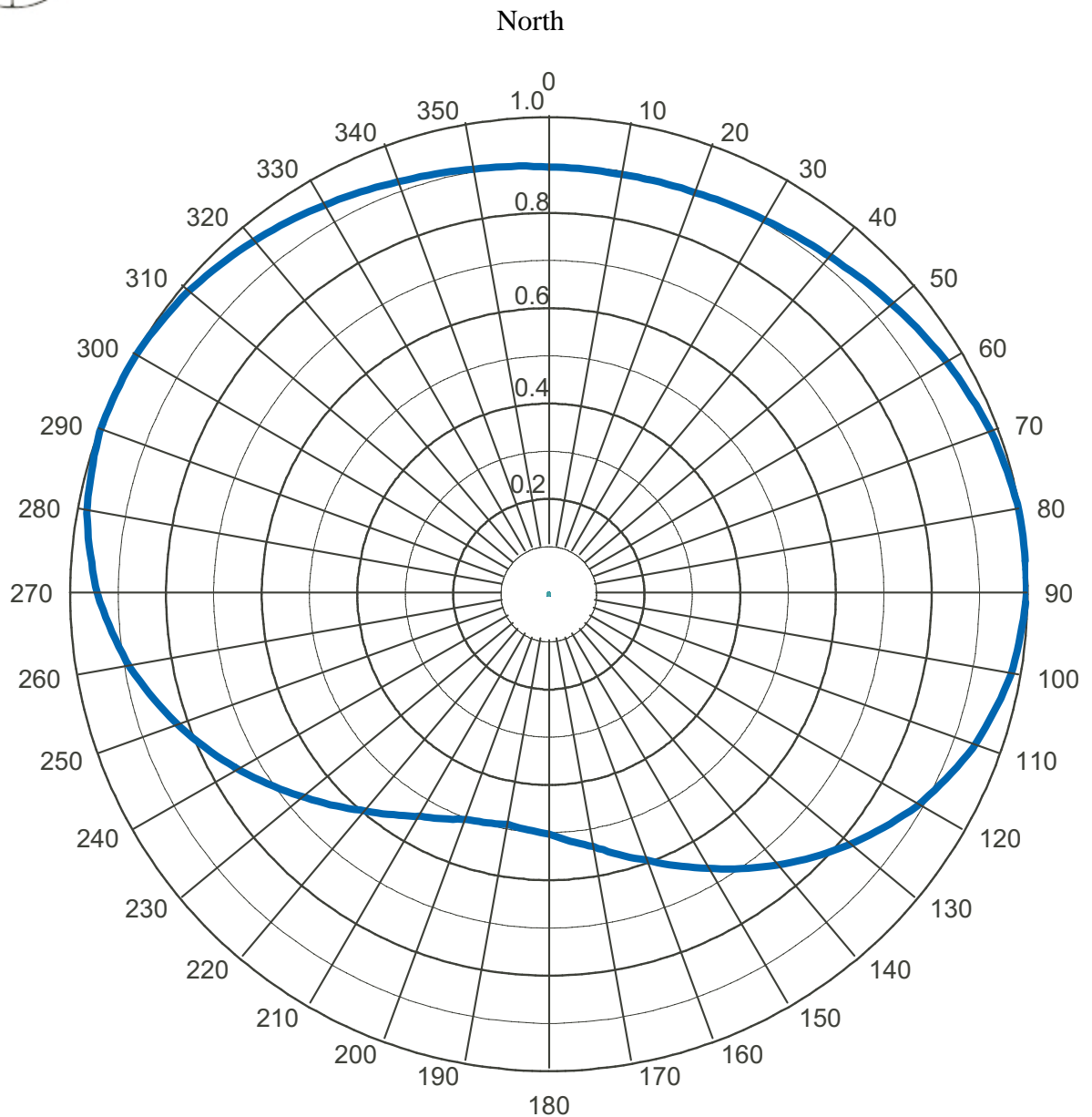




**Horizontal Plane Radiation Pattern
(Relative Field)**



For tabulation, see FCC Form 301§III-D Tech Box Question 10.e

Azimuth Pattern Details

Customer: WORA-TV/DT

Model: JTW-24/29 THC

Type: UHF Slot Antenna

Channel: 29 (560-566 MHz)

Although the FCC Rules request submission of the horizontal plane patterns in dBk, it has been Commission policy not to require this duplicative information, and it is not included here. These patterns can, of course, be provided upon request.

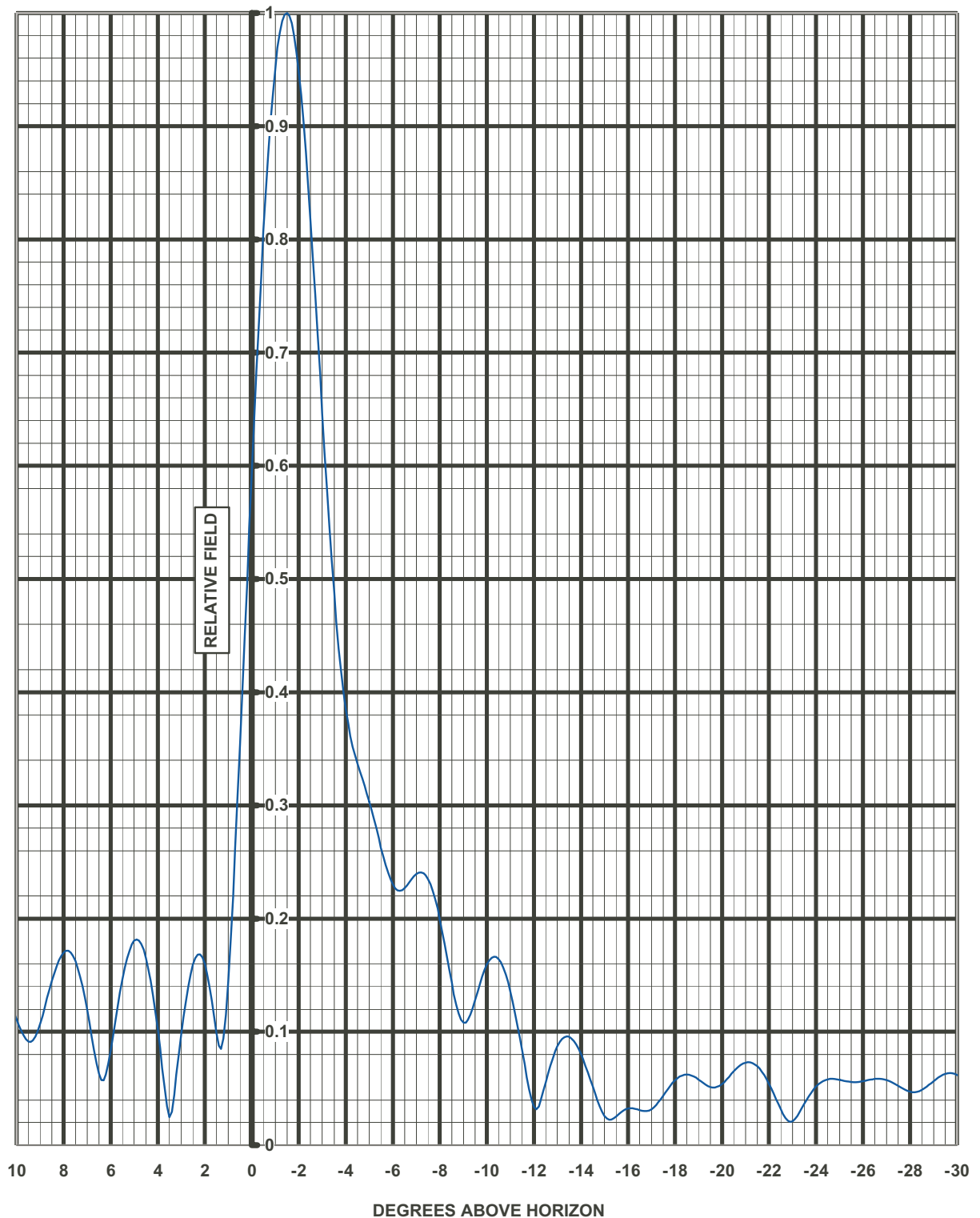


HAMMETT & EDISON, INC.
CONSULTING ENGINEERS
SAN FRANCISCO



Elevation Plane Radiation Pattern (Relative Field)

COMPUTED ELEVATION PATTERN





**Elevation Plane Radiation Pattern
(Relative Field Tabulation)**

RELATIVE FIELD VS ELEVATION ANGLE

<u>ELEVATION ANGLE</u>	<u>RELATIVE FIELD</u>	<u>ELEVATION ANGLE</u>	<u>RELATIVE FIELD</u>	<u>ELEVATION ANGLE</u>	<u>RELATIVE FIELD</u>
10	0.111	-26	0.057	-61	0.069
9	0.107	-27	0.058	-62	0.041
8	0.170	-28	0.047	-63	0.027
7	0.119	-29	0.057	-64	0.048
6	0.083	-30	0.062	-65	0.067
5	0.180	-31	0.037	-66	0.074
4	0.103	-32	0.033	-67	0.067
3	0.097	-33	0.053	-68	0.049
2	0.160	-34	0.037	-69	0.025
1	0.144	-35	0.003	-70	0.009
0	0.593	-36	0.029	-71	0.025
-1	0.951	-37	0.026	-72	0.039
-1.5	1.000				
-2	0.949	-38	0.010	-73	0.047
-3	0.646	-39	0.033	-74	0.047
-4	0.385	-40	0.037	-75	0.041
-5	0.303	-41	0.028	-76	0.031
-6	0.230	-42	0.043	-77	0.021
-7	0.239	-43	0.056	-78	0.018
-8	0.199	-44	0.043	-79	0.024
-9	0.108	-45	0.010	-80	0.033
-10	0.160	-46	0.032	-81	0.041
-11	0.136	-47	0.056	-82	0.045
-12	0.034	-48	0.063	-83	0.047
-13	0.087	-49	0.061	-84	0.046
-14	0.081	-50	0.058	-85	0.043
-15	0.026	-51	0.058	-86	0.037
-16	0.032	-52	0.063	-87	0.029
-17	0.032	-53	0.075	-88	0.020
-18	0.057	-54	0.082	-89	0.010
-19	0.058	-55	0.076	-90	0.000
-20	0.054	-56	0.058		
-21	0.073	-57	0.051		
-22	0.054	-58	0.068		
-23	0.021	-59	0.085		
-24	0.052	-60	0.086		
-25	0.058				

