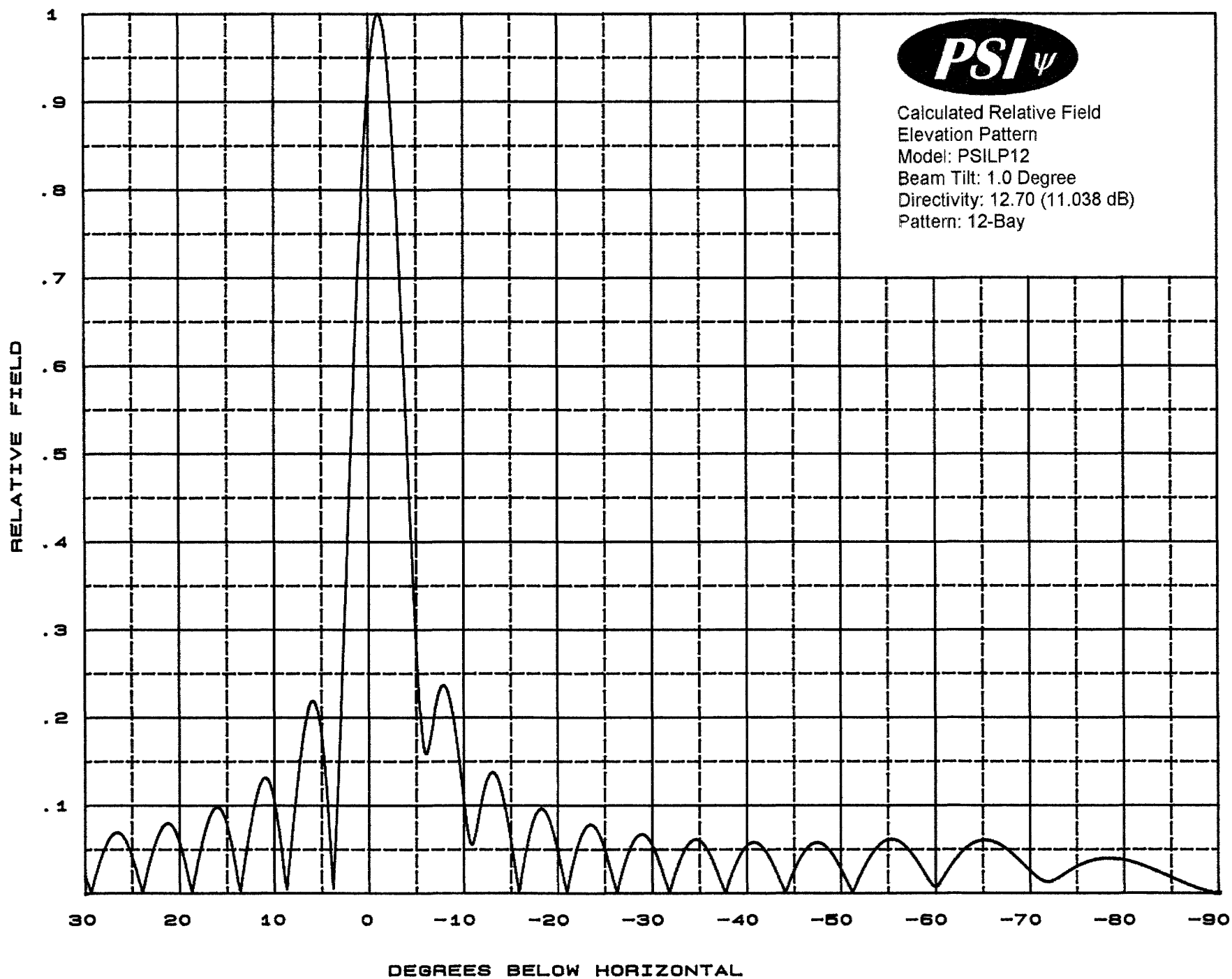




Calculated Relative Field
Elevation Pattern
Model: PSILP12
Beam Tilt: 1.0 Degree
Directivity: 12.70 (11.038 dB)
Pattern: 12-Bay



Propagation Systems Inc.
Relative Field Tabulation
Standard 12-Bay Elevation Pattern
Antenna Model: PSILP12
Beam Tilt: -1.0 degree

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-90	0.001	-60.0	-50	0.025	-31.9	-10	0.096	-20.4
-89	0.002	-55.6	-49	0.045	-27.0	-9	0.185	-14.7
-88	0.005	-46.6	-48	0.056	-25.1	-8	0.235	-12.6
-87	0.009	-41.3	-47	0.057	-24.9	-7	0.214	-13.4
-86	0.013	-37.7	-46	0.047	-26.6	-6	0.159	-16.0
-85	0.018	-35.0	-45	0.027	-31.3	-5	0.262	-11.6
-84	0.022	-33.0	-44	0.002	-54.8	-4	0.502	-6.0
-83	0.027	-31.3	-43	0.025	-32.2	-3	0.749	-2.5
-82	0.031	-30.1	-42	0.046	-26.8	-2	0.932	-0.6
-81	0.035	-29.1	-41	0.057	-24.9	-1	1.000	0.0
-80	0.038	-28.4	-40	0.055	-25.2	0	0.935	-0.6
-79	0.040	-28.1	-39	0.040	-28.1	1	0.752	-2.5
-78	0.040	-28.0	-38	0.013	-37.4	2	0.493	-6.1
-77	0.039	-28.3	-37	0.017	-35.6	3	0.216	-13.3
-76	0.036	-29.0	-36	0.043	-27.2	4	0.019	-34.6
-75	0.031	-30.2	-35	0.059	-24.5	5	0.169	-15.5
-74	0.025	-32.1	-34	0.059	-24.6	6	0.218	-13.2
-73	0.018	-35.0	-33	0.042	-27.5	7	0.180	-14.9
-72	0.013	-37.9	-32	0.012	-38.5	8	0.086	-21.3
-71	0.015	-36.2	-31	0.023	-32.8	9	0.020	-34.0
-70	0.025	-32.2	-30	0.052	-25.6	10	0.100	-20.0
-69	0.035	-29.1	-29	0.067	-23.5	11	0.131	-17.7
-68	0.045	-26.9	-28	0.060	-24.4	12	0.110	-19.2
-67	0.053	-25.4	-27	0.034	-29.4	13	0.052	-25.7
-66	0.059	-24.6	-26	0.005	-45.3	14	0.018	-35.0
-65	0.060	-24.4	-25	0.046	-26.8	15	0.074	-22.6
-64	0.058	-24.8	-24	0.073	-22.7	16	0.098	-20.2
-63	0.050	-26.0	-23	0.077	-22.3	17	0.085	-21.4
-62	0.038	-28.4	-22	0.053	-25.5	18	0.043	-27.3
-61	0.023	-32.9	-21	0.009	-41.1	19	0.010	-40.1
-60	0.007	-42.6	-20	0.043	-27.4	20	0.055	-25.1
-59	0.018	-34.9	-19	0.083	-21.6	21	0.078	-22.1
-58	0.036	-28.9	-18	0.096	-20.4	22	0.073	-22.7
-57	0.050	-26.0	-17	0.073	-22.8	23	0.043	-27.2
-56	0.059	-24.5	-16	0.018	-35.0	24	0.001	-58.3
-55	0.061	-24.3	-15	0.052	-25.7	25	0.039	-28.2
-54	0.055	-25.2	-14	0.112	-19.0	26	0.065	-23.8
-53	0.041	-27.7	-13	0.137	-17.2	27	0.068	-23.3
-52	0.021	-33.5	-12	0.115	-18.8	28	0.050	-26.0
-51	0.003	-51.8	-11	0.061	-24.3	29	0.017	-35.4