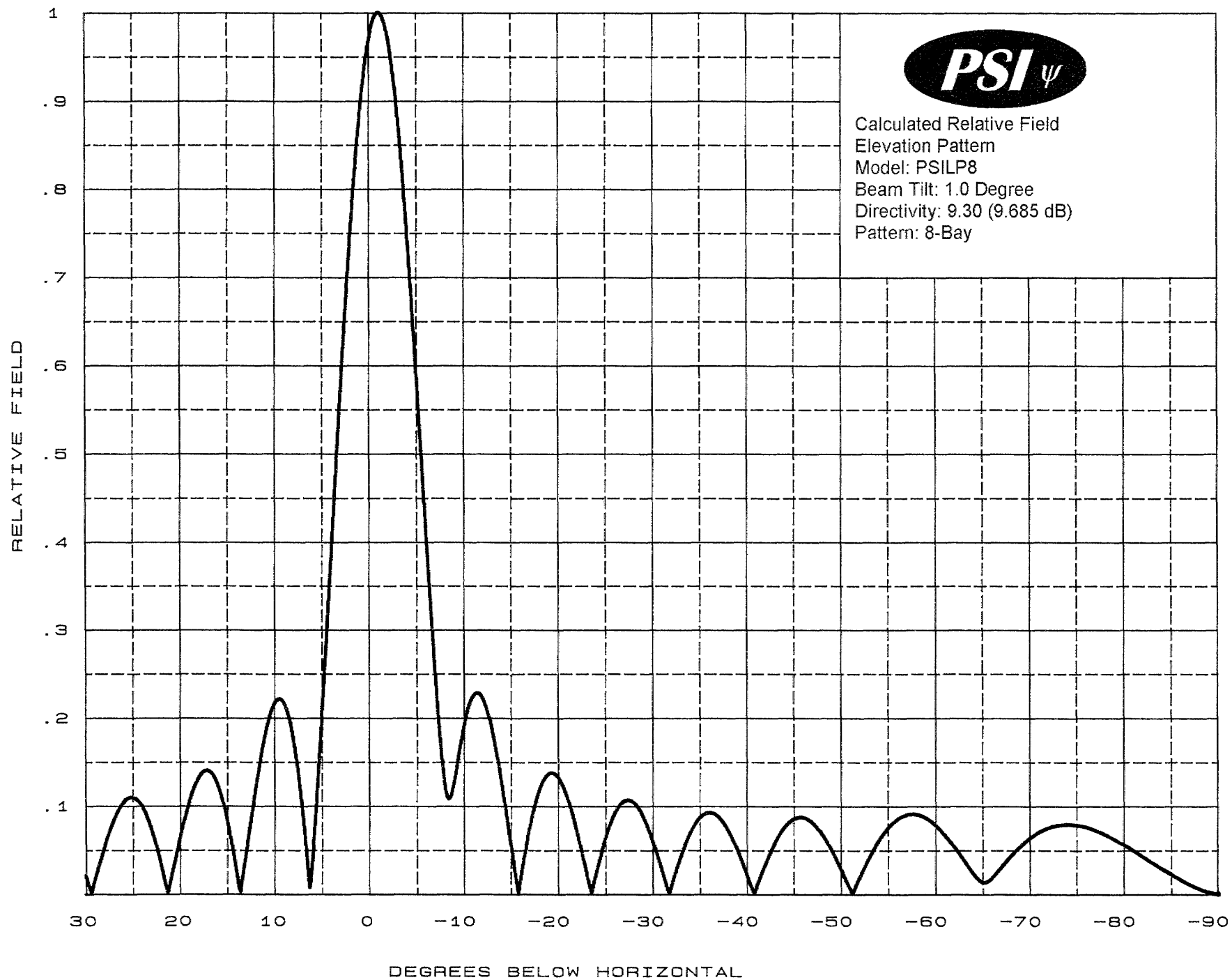




Calculated Relative Field  
Elevation Pattern  
Model: PSILP8  
Beam Tilt: 1.0 Degree  
Directivity: 9.30 (9.685 dB)  
Pattern: 8-Bay



**Propagation Systems Inc.**Relative Field Tabulation  
Standard 8-Bay Elevation Pattern

Antenna Model: PSILP8

Beam Tilt: -1.0 degree

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-90	0.001	-60.0	-50	0.027	-31.4	-10	0.194	-14.3
-89	0.002	-54.1	-49	0.049	-26.3	-9	0.133	-17.5
-88	0.006	-45.0	-48	0.067	-23.5	-8	0.118	-18.6
-87	0.010	-39.6	-47	0.080	-21.9	-7	0.232	-12.7
-86	0.016	-36.0	-46	0.087	-21.3	-6	0.400	-8.0
-85	0.022	-33.2	-45	0.085	-21.4	-5	0.578	-4.8
-84	0.028	-30.9	-44	0.076	-22.4	-4	0.744	-2.6
-83	0.035	-29.0	-43	0.059	-24.5	-3	0.879	-1.1
-82	0.042	-27.5	-42	0.036	-28.9	-2	0.968	-0.3
-81	0.049	-26.2	-41	0.009	-41.3	-1	1.000	0.0
-80	0.056	-25.1	-40	0.020	-33.9	0	0.972	-0.2
-79	0.062	-24.2	-39	0.048	-26.4	1	0.886	-1.0
-78	0.067	-23.4	-38	0.071	-23.0	2	0.753	-2.5
-77	0.072	-22.8	-37	0.087	-21.3	3	0.584	-4.7
-76	0.076	-22.4	-36	0.092	-20.7	4	0.400	-8.0
-75	0.078	-22.2	-35	0.087	-21.2	5	0.216	-13.3
-74	0.079	-22.1	-34	0.071	-23.0	6	0.052	-25.7
-73	0.078	-22.2	-33	0.045	-26.9	7	0.080	-21.9
-72	0.075	-22.5	-32	0.012	-38.3	8	0.170	-15.4
-71	0.070	-23.1	-31	0.024	-32.5	9	0.215	-13.3
-70	0.063	-24.0	-30	0.058	-24.7	10	0.217	-13.3
-69	0.054	-25.3	-29	0.086	-21.3	11	0.183	-14.7
-68	0.044	-27.2	-28	0.103	-19.8	12	0.124	-18.1
-67	0.031	-30.1	-27	0.106	-19.5	13	0.053	-25.6
-66	0.019	-34.5	-26	0.093	-20.6	14	0.019	-34.5
-65	0.013	-37.8	-25	0.065	-23.7	15	0.080	-22.0
-64	0.022	-33.0	-24	0.026	-31.7	16	0.121	-18.3
-63	0.037	-28.6	-23	0.020	-33.8	17	0.139	-17.1
-62	0.052	-25.7	-22	0.067	-23.5	18	0.134	-17.5
-61	0.066	-23.6	-21	0.106	-19.5	19	0.108	-19.4
-60	0.077	-22.2	-20	0.132	-17.6	20	0.067	-23.5
-59	0.086	-21.3	-19	0.137	-17.3	21	0.018	-34.7
-58	0.090	-20.9	-18	0.119	-18.5	22	0.029	-30.6
-57	0.090	-20.9	-17	0.079	-22.1	23	0.070	-23.1
-56	0.085	-21.4	-16	0.020	-34.1	24	0.097	-20.2
-55	0.075	-22.5	-15	0.051	-25.9	25	0.109	-19.2
-54	0.061	-24.3	-14	0.122	-18.3	26	0.104	-19.6
-53	0.042	-27.5	-13	0.183	-14.8	27	0.085	-21.4
-52	0.020	-33.8	-12	0.221	-13.1	28	0.054	-25.3
-51	0.003	-49.9	-11	0.226	-12.9	29	0.017	-35.3