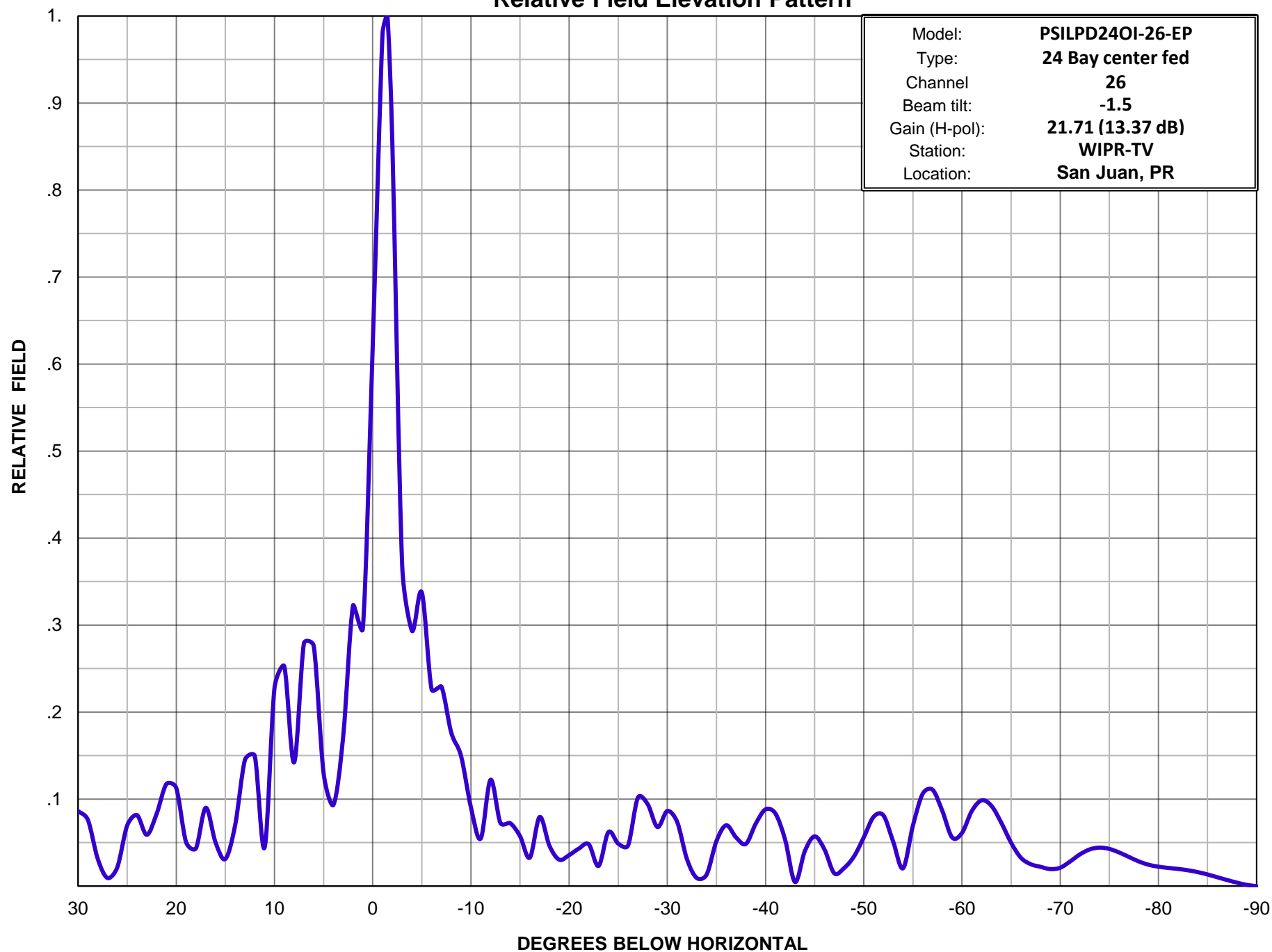




### Relative Field Elevation Pattern



## Propagation Systems Inc.

Relative Field Tabulation Elevation Pattern

Antenna Model: PSILPD24AOC-26-EP

Gain (H-pol): 21.71 (13.37 dBd)

WIPR-TV

San Juan, PR

<u>Angle</u>	<u>Field</u>	<u>dB</u>	<u>Angle</u>	<u>Field</u>	<u>dB</u>	<u>Angle</u>	<u>Field</u>	<u>dB</u>
-90.0	0.001	-60.00	-50.0	0.056	-25.05	-10.0	0.091	-20.86
-89.5	0.001	-60.00	-49.5	0.043	-27.26	-9.5	0.134	-17.45
-89.0	0.001	-57.31	-49.0	0.034	-29.39	-9.0	0.149	-16.51
-88.5	0.003	-51.78	-48.5	0.027	-31.29	-8.5	0.154	-16.24
-88.0	0.004	-48.09	-48.0	0.021	-33.66	-8.0	0.176	-15.07
-87.5	0.005	-45.51	-47.5	0.013	-37.40	-7.5	0.211	-13.51
-87.0	0.007	-43.14	-47.0	0.015	-36.66	-7.0	0.229	-12.79
-86.5	0.009	-41.27	-46.5	0.028	-31.19	-6.5	0.223	-13.03
-86.0	0.010	-39.87	-46.0	0.042	-27.51	-6.0	0.226	-12.92
-85.5	0.012	-38.55	-45.5	0.053	-25.51	-5.5	0.275	-11.20
-85.0	0.013	-37.50	-45.0	0.057	-24.86	-5.0	0.337	-9.44
-84.5	0.015	-36.66	-44.5	0.053	-25.53	-4.5	0.352	-9.07
-84.0	0.016	-35.88	-44.0	0.040	-27.93	-4.0	0.293	-10.65
-83.5	0.017	-35.25	-43.5	0.020	-33.91	-3.5	0.233	-12.65
-83.0	0.018	-34.81	-43.0	0.005	-46.56	-3.0	0.369	-8.66
-82.5	0.019	-34.38	-42.5	0.030	-30.50	-2.5	0.624	-4.10
-82.0	0.020	-34.11	-42.0	0.053	-25.51	-2.0	0.855	-1.37
-81.5	0.020	-33.85	-41.5	0.072	-22.91	-1.5	1.000	0.00
-81.0	0.021	-33.59	-41.0	0.083	-21.57	-1.0	0.979	-0.18
-80.5	0.022	-33.35	-40.5	0.089	-21.02	-0.5	0.842	-1.49
-80.0	0.022	-33.04	-40.0	0.088	-21.09	0.0	0.620	-4.15
-79.5	0.023	-32.70	-39.5	0.082	-21.71	0.5	0.400	-7.97
-79.0	0.025	-32.20	-39.0	0.072	-22.89	1.0	0.297	-10.56
-78.5	0.026	-31.63	-38.5	0.059	-24.59	1.5	0.316	-10.00
-78.0	0.028	-30.95	-38.0	0.048	-26.29	2.0	0.323	-9.83
-77.5	0.031	-30.24	-37.5	0.047	-26.51	2.5	0.266	-11.50
-77.0	0.033	-29.50	-37.0	0.056	-25.05	3.0	0.173	-15.26
-76.5	0.036	-28.86	-36.5	0.066	-23.64	3.5	0.101	-19.93
-76.0	0.039	-28.26	-36.0	0.070	-23.12	4.0	0.093	-20.60
-75.5	0.041	-27.76	-35.5	0.065	-23.74	4.5	0.102	-19.87
-75.0	0.043	-27.39	-35.0	0.052	-25.74	5.0	0.130	-17.73
-74.5	0.044	-27.14	-34.5	0.033	-29.70	5.5	0.202	-13.90
-74.0	0.044	-27.08	-34.0	0.013	-37.60	6.0	0.276	-11.18
-73.5	0.044	-27.20	-33.5	0.002	-56.39	6.5	0.308	-10.22
-73.0	0.042	-27.51	-33.0	0.009	-40.68	7.0	0.279	-11.09
-72.5	0.040	-28.02	-32.5	0.016	-36.13	7.5	0.202	-13.91
-72.0	0.036	-28.79	-32.0	0.031	-30.20	8.0	0.142	-16.95
-71.5	0.032	-29.78	-31.5	0.053	-25.53	8.5	0.186	-14.62
-71.0	0.028	-31.00	-31.0	0.074	-22.64	9.0	0.252	-11.96
-70.5	0.024	-32.36	-30.5	0.086	-21.29	9.5	0.271	-11.34

-70.0	0.021	-33.53	-30.0	0.086	-21.27	10.0	0.228	-12.86
-69.5	0.019	-34.25	-29.5	0.076	-22.34	10.5	0.137	-17.24
-69.0	0.020	-34.18	-29.0	0.068	-23.37	11.0	0.045	-27.02
-68.5	0.021	-33.72	-28.5	0.076	-22.41	11.5	0.090	-20.92
-68.0	0.022	-33.10	-28.0	0.094	-20.53	12.0	0.149	-16.52
-67.5	0.023	-32.58	-27.5	0.106	-19.50	12.5	0.166	-15.59
-67.0	0.025	-31.99	-27.0	0.102	-19.87	13.0	0.145	-16.75
-66.5	0.028	-31.14	-26.5	0.079	-22.00	13.5	0.106	-19.51
-66.0	0.033	-29.74	-26.0	0.047	-26.62	14.0	0.070	-23.06
-65.5	0.040	-27.96	-25.5	0.029	-30.63	14.5	0.049	-26.13
-65.0	0.050	-26.05	-25.0	0.049	-26.23	15.0	0.031	-30.11
-64.5	0.061	-24.26	-24.5	0.064	-23.82	15.5	0.022	-33.10
-64.0	0.073	-22.75	-24.0	0.062	-24.16	16.0	0.050	-25.99
-63.5	0.084	-21.55	-23.5	0.044	-27.20	16.5	0.079	-22.05
-63.0	0.092	-20.70	-23.0	0.023	-32.70	17.0	0.090	-20.92
-62.5	0.098	-20.21	-22.5	0.032	-29.91	17.5	0.077	-22.24
-62.0	0.098	-20.13	-22.0	0.048	-26.37	18.0	0.043	-27.26
-61.5	0.095	-20.47	-21.5	0.052	-25.74	18.5	0.004	-47.14
-61.0	0.086	-21.29	-21.0	0.043	-27.29	19.0	0.050	-25.94
-60.5	0.074	-22.60	-20.5	0.034	-29.39	19.5	0.089	-21.03
-60.0	0.061	-24.28	-20.0	0.036	-28.97	20.0	0.113	-18.96
-59.5	0.053	-25.56	-19.5	0.038	-28.40	20.5	0.122	-18.31
-59.0	0.056	-25.05	-19.0	0.030	-30.37	21.0	0.117	-18.60
-58.5	0.069	-23.17	-18.5	0.025	-31.99	21.5	0.103	-19.72
-58.0	0.086	-21.27	-18.0	0.046	-26.70	22.0	0.083	-21.62
-57.5	0.101	-19.88	-17.5	0.070	-23.04	22.5	0.064	-23.91
-57.0	0.111	-19.11	-17.0	0.079	-22.00	23.0	0.059	-24.59
-56.5	0.113	-18.96	-16.5	0.066	-23.64	23.5	0.070	-23.10
-56.0	0.106	-19.49	-16.0	0.033	-29.70	24.0	0.082	-21.78
-55.5	0.091	-20.80	-15.5	0.022	-33.28	24.5	0.082	-21.69
-55.0	0.069	-23.19	-15.0	0.057	-24.82	25.0	0.070	-23.15
-54.5	0.043	-27.32	-14.5	0.077	-22.27	25.5	0.047	-26.56
-54.0	0.020	-33.78	-14.0	0.072	-22.82	26.0	0.022	-33.28
-53.5	0.028	-30.95	-13.5	0.058	-24.73	26.5	0.001	-57.31
-53.0	0.051	-25.86	-13.0	0.073	-22.77	27.0	0.009	-40.68
-52.5	0.070	-23.12	-12.5	0.106	-19.48	27.5	0.016	-36.05
-52.0	0.081	-21.81	-12.0	0.122	-18.26	28.0	0.032	-30.03
-51.5	0.084	-21.49	-11.5	0.104	-19.63	28.5	0.055	-25.24
-51.0	0.080	-21.99	-11.0	0.055	-25.24	29.0	0.076	-22.38
-50.5	0.069	-23.21	-10.5	0.030	-30.59	29.5	0.088	-21.15