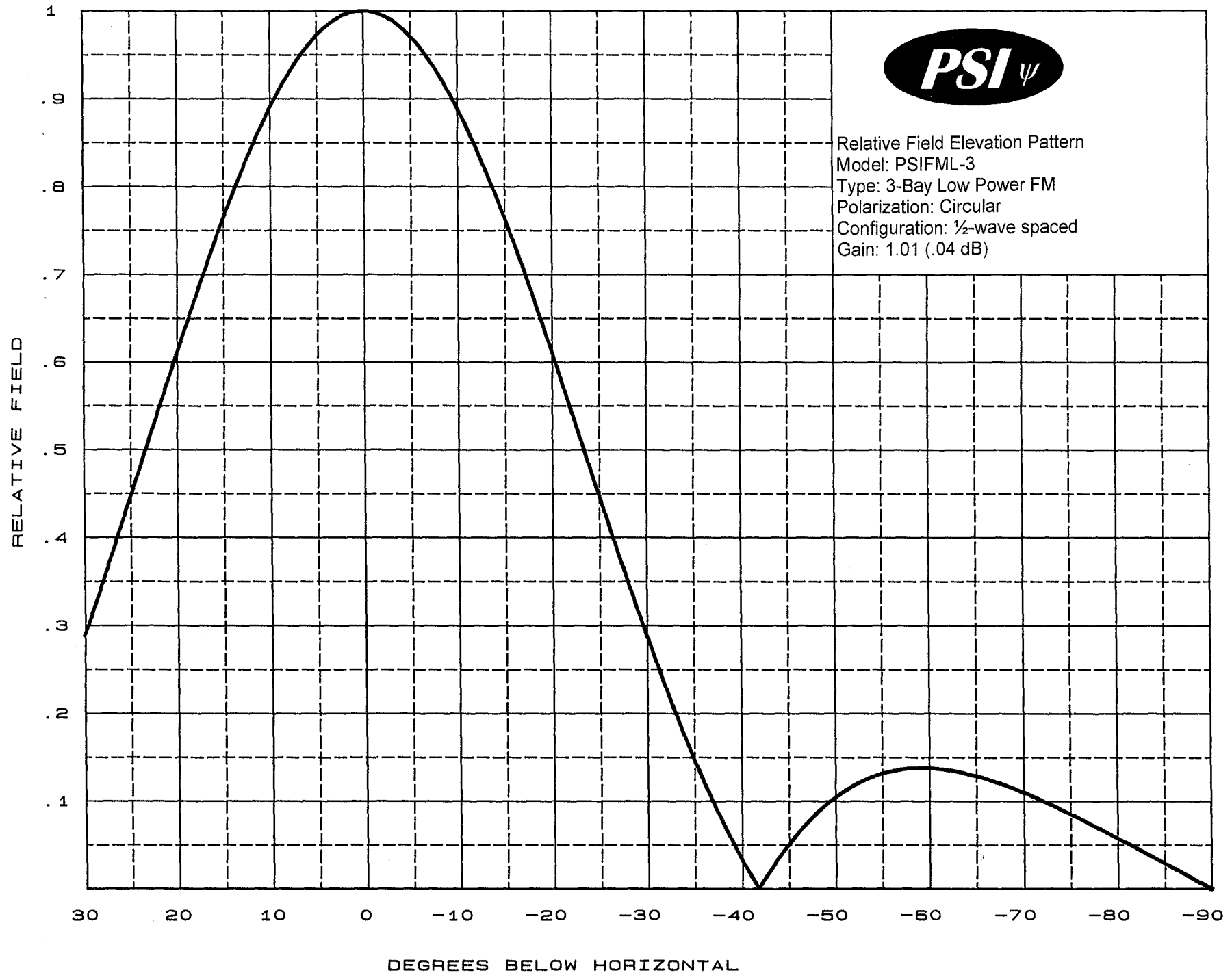




Relative Field Elevation Pattern
Model: PSIFML-3
Type: 3-Bay Low Power FM
Polarization: Circular
Configuration: $\frac{1}{2}$ -wave spaced
Gain: 1.01 (.04 dB)





Propagation Systems Inc.
 Elevation Pattern Tabulation
 Antenna: PSIFML-3 Special
 Bay spacing: 1/2 wave

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-90.0	0.001	-60.000	-50.0	0.104	-19.664	-10.0	0.889	-1.020
-89.0	0.006	-44.795	-49.0	0.095	-20.404	-9.0	0.910	-0.824
-88.0	0.012	-38.775	-48.0	0.086	-21.319	-8.0	0.928	-0.649
-87.0	0.017	-35.177	-47.0	0.075	-22.481	-7.0	0.945	-0.496
-86.0	0.023	-32.697	-46.0	0.063	-23.967	-6.0	0.959	-0.364
-85.0	0.029	-30.770	-45.0	0.050	-25.994	-5.0	0.971	-0.252
-84.0	0.035	-29.194	-44.0	0.036	-28.896	-4.0	0.982	-0.162
-83.0	0.040	-27.861	-43.0	0.020	-33.784	-3.0	0.990	-0.091
-82.0	0.046	-26.705	-42.0	0.004	-48.432	-2.0	0.995	-0.041
-81.0	0.052	-25.685	-41.0	0.014	-37.021	-1.0	0.999	-0.011
-80.0	0.058	-24.772	-40.0	0.033	-29.542	0.0	1.000	0.000
-79.0	0.063	-23.967	-39.0	0.054	-25.411	1.0	0.999	-0.011
-78.0	0.069	-23.231	-38.0	0.075	-22.464	2.0	0.995	-0.041
-77.0	0.074	-22.569	-37.0	0.098	-20.159	3.0	0.990	-0.091
-76.0	0.080	-21.955	-36.0	0.122	-18.264	4.0	0.982	-0.162
-75.0	0.085	-21.381	-35.0	0.147	-16.638	5.0	0.971	-0.252
-74.0	0.090	-20.871	-34.0	0.173	-15.215	6.0	0.959	-0.364
-73.0	0.096	-20.390	-33.0	0.201	-13.947	7.0	0.945	-0.496
-72.0	0.101	-19.948	-32.0	0.229	-12.806	8.0	0.928	-0.649
-71.0	0.105	-19.551	-31.0	0.258	-11.761	9.0	0.910	-0.824
-70.0	0.110	-19.184	-30.0	0.288	-10.811	10.0	0.889	-1.018
-69.0	0.114	-18.843	-29.0	0.319	-9.930	11.0	0.867	-1.235
-68.0	0.118	-18.538	-28.0	0.350	-9.115	12.0	0.844	-1.475
-67.0	0.122	-18.264	-27.0	0.382	-8.359	13.0	0.819	-1.738
-66.0	0.126	-18.020	-26.0	0.414	-7.652	14.0	0.792	-2.024
-65.0	0.129	-17.803	-25.0	0.447	-6.994	15.0	0.764	-2.335
-64.0	0.132	-17.620	-24.0	0.480	-6.378	16.0	0.735	-2.671
-63.0	0.134	-17.472	-23.0	0.513	-5.800	17.0	0.705	-3.031
-62.0	0.136	-17.354	-22.0	0.546	-5.258	18.0	0.675	-3.418
-61.0	0.137	-17.268	-21.0	0.579	-4.752	19.0	0.643	-3.833
-60.0	0.138	-17.220	-20.0	0.611	-4.278	20.0	0.611	-4.276
-59.0	0.138	-17.210	-19.0	0.643	-3.833	21.0	0.579	-4.752
-58.0	0.137	-17.248	-18.0	0.675	-3.418	22.0	0.546	-5.258
-57.0	0.136	-17.325	-17.0	0.705	-3.031	23.0	0.513	-5.800
-56.0	0.134	-17.452	-16.0	0.735	-2.671	24.0	0.480	-6.375
-55.0	0.131	-17.630	-15.0	0.764	-2.335	25.0	0.447	-6.991
-54.0	0.128	-17.874	-14.0	0.792	-2.026	26.0	0.414	-7.652
-53.0	0.123	-18.189	-13.0	0.818	-1.740	27.0	0.382	-8.356
-52.0	0.118	-18.582	-12.0	0.844	-1.477	28.0	0.350	-9.115
-51.0	0.111	-19.065	-11.0	0.867	-1.237	29.0	0.319	-9.930
						30.0	0.288	-10.807

file: FML 3-bay elevation tabulation

revision: A

Date: 1/28/08