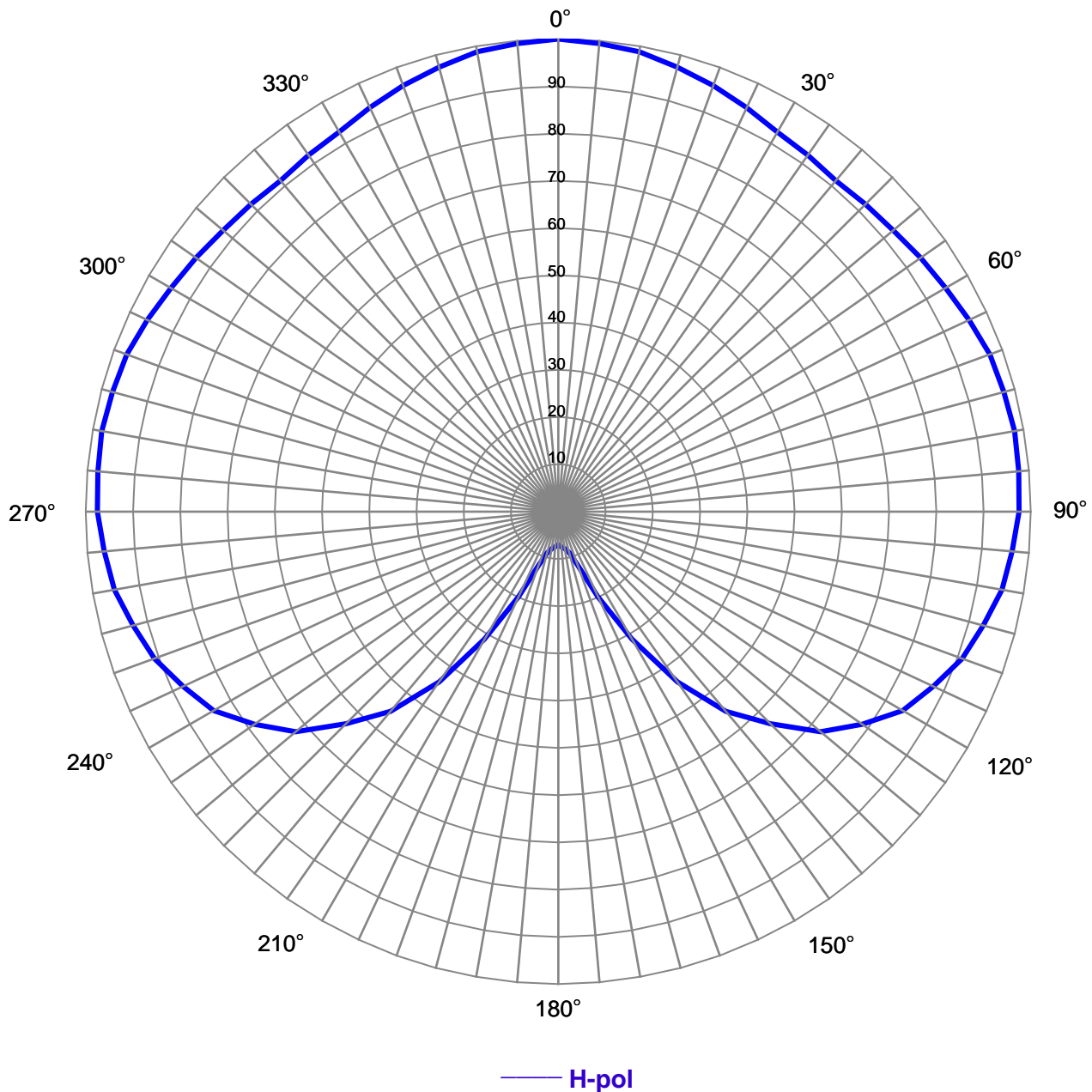




Relative Field Azimuth Plane Pattern



Pattern Type:	Relative Field	Antenna Type:	Low Power UHF Slot
Antenna Model:	PSILP12MAWR-30	Pattern Type:	MAWR custom
Polarization:	Horizontal	Number of Bays:	12
Gain:	18.92 (12.77 dB)	Reference:	WBUO-LD
Channel:	30	Date:	1/17/2024

Azimuth Pattern Tabulation

Antenna: PSILP12MAWR-30

Gain: 18.92 (12.77 dB)

Channel: 30

WBUO-LD

Angle	Relative Field	Power Gain	Gain dB	Angle	Relative Field	Power Gain	Gain dB
0	1.000	18.92	12.77	180	0.070	0.09	-10.33
5	0.994	18.70	12.72	185	0.075	0.11	-9.73
10	0.988	18.48	12.67	190	0.080	0.12	-9.17
15	0.974	17.94	12.54	195	0.090	0.15	-8.15
20	0.959	17.41	12.41	200	0.120	0.27	-5.65
25	0.943	16.84	12.26	205	0.199	0.75	-1.25
30	0.927	16.27	12.11	210	0.312	1.84	2.65
35	0.921	16.04	12.05	215	0.440	3.66	5.64
40	0.914	15.81	11.99	220	0.552	5.76	7.61
45	0.920	16.01	12.04	225	0.635	7.63	8.82
50	0.926	16.22	12.10	230	0.725	9.94	9.98
55	0.936	16.58	12.20	235	0.785	11.66	10.67
60	0.947	16.95	12.29	240	0.842	13.43	11.28
65	0.959	17.41	12.41	245	0.876	14.52	11.62
70	0.972	17.87	12.52	250	0.909	15.65	11.95
75	0.976	18.04	12.56	255	0.932	16.42	12.15
80	0.981	18.21	12.60	260	0.954	17.20	12.36
85	0.978	18.10	12.58	265	0.964	17.60	12.45
90	0.975	18.00	12.55	270	0.975	18.00	12.55
95	0.964	17.60	12.45	275	0.978	18.10	12.58
100	0.954	17.20	12.36	280	0.981	18.21	12.60
105	0.932	16.42	12.15	285	0.976	18.04	12.56
110	0.909	15.65	11.95	290	0.972	17.87	12.52
115	0.876	14.52	11.62	295	0.959	17.41	12.41
120	0.842	13.43	11.28	300	0.947	16.95	12.29
125	0.785	11.66	10.67	305	0.936	16.58	12.20
130	0.725	9.94	9.98	310	0.926	16.22	12.10
135	0.635	7.63	8.82	315	0.920	16.01	12.04
140	0.552	5.76	7.61	320	0.914	15.81	11.99
145	0.440	3.66	5.64	325	0.921	16.04	12.05
150	0.312	1.84	2.65	330	0.927	16.27	12.11
155	0.199	0.75	-1.25	335	0.943	16.84	12.26
160	0.120	0.27	-5.65	340	0.959	17.41	12.41
165	0.090	0.15	-8.15	345	0.974	17.94	12.54
170	0.080	0.12	-9.17	350	0.988	18.48	12.67
175	0.075	0.11	-9.73	355	0.994	18.70	12.72