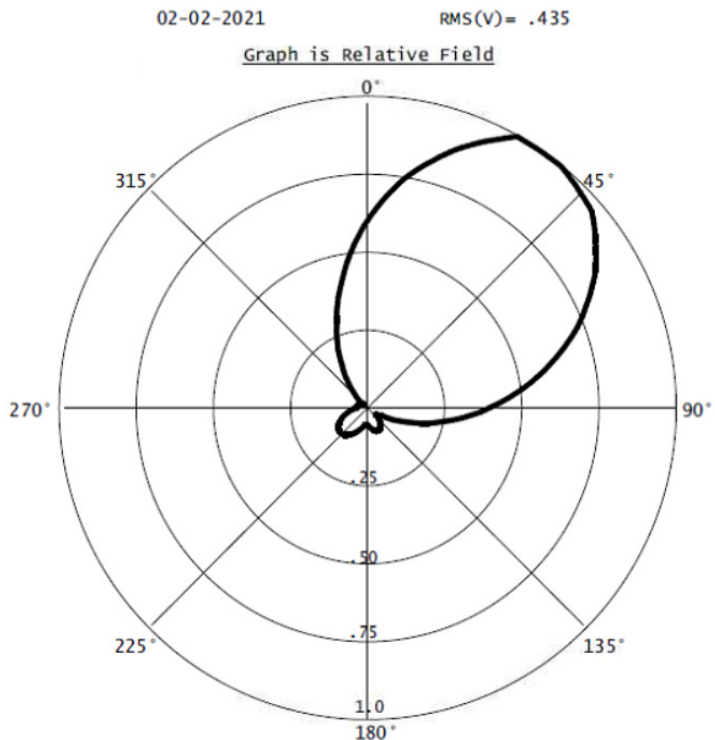


# Antenna pattern – SAM-137 - Rotated to 30 degrees

Azi	Field	dBk	kw
000	0.605	-28.344	0.001
010	0.760	-26.363	0.002
020	0.893	-24.962	0.003
030	1.000	-23.979	0.004
040	0.996	-24.014	0.004
050	0.954	-24.388	0.004
060	0.850	-25.391	0.003
070	0.714	-26.905	0.002
080	0.554	-29.109	0.001
090	0.395	-32.047	0.001
100	0.252	-35.951	0.000
110	0.132	-41.568	0.000
120	0.047	-50.537	0.000
130	0.036	-52.853	0.000
140	0.067	-47.458	0.000
150	0.080	-45.918	0.000
160	0.079	-46.027	0.000
170	0.067	-47.458	0.000
180	0.056	-49.016	0.000
190	0.057	-48.862	0.000
200	0.075	-46.478	0.000
210	0.096	-44.334	0.000
220	0.115	-42.765	0.000
230	0.119	-42.468	0.000
240	0.109	-43.231	0.000
250	0.086	-45.289	0.000
260	0.060	-48.416	0.000
270	0.038	-52.384	0.000
280	0.032	-53.876	0.000
290	0.032	-53.876	0.000
300	0.028	-55.036	0.000
310	0.023	-56.745	0.000
320	0.082	-45.703	0.000
330	0.173	-39.218	0.000
340	0.295	-34.583	0.000
350	0.442	-31.071	0.001



Azi	Field	dBk	Azi	Field	dBk
0	0.605	-28.344	180	0.056	-49.016
10	0.760	-26.363	190	0.057	-48.862
20	0.893	-24.962	200	0.075	-46.478
30	1.000	-23.979	210	0.096	-44.334
40	0.996	-24.014	220	0.115	-42.765
50	0.954	-24.388	230	0.119	-42.468
60	0.850	-25.391	240	0.109	-43.231
70	0.714	-26.905	250	0.086	-45.289
80	0.554	-29.109	260	0.060	-48.416
90	0.395	-32.047	270	0.038	-52.384
100	0.252	-35.951	280	0.032	-53.876
110	0.132	-41.568	290	0.032	-53.876
120	0.047	-50.537	300	0.028	-55.036
130	0.036	-52.853	310	0.023	-56.745
140	0.067	-47.458	320	0.082	-45.703
150	0.080	-45.918	330	0.173	-39.218
160	0.079	-46.027	340	0.295	-34.583
170	0.067	-47.458	350	0.442	-31.071

At 4 watts ERP, temporary facility will be enclosed within main 60 dBu contour.

