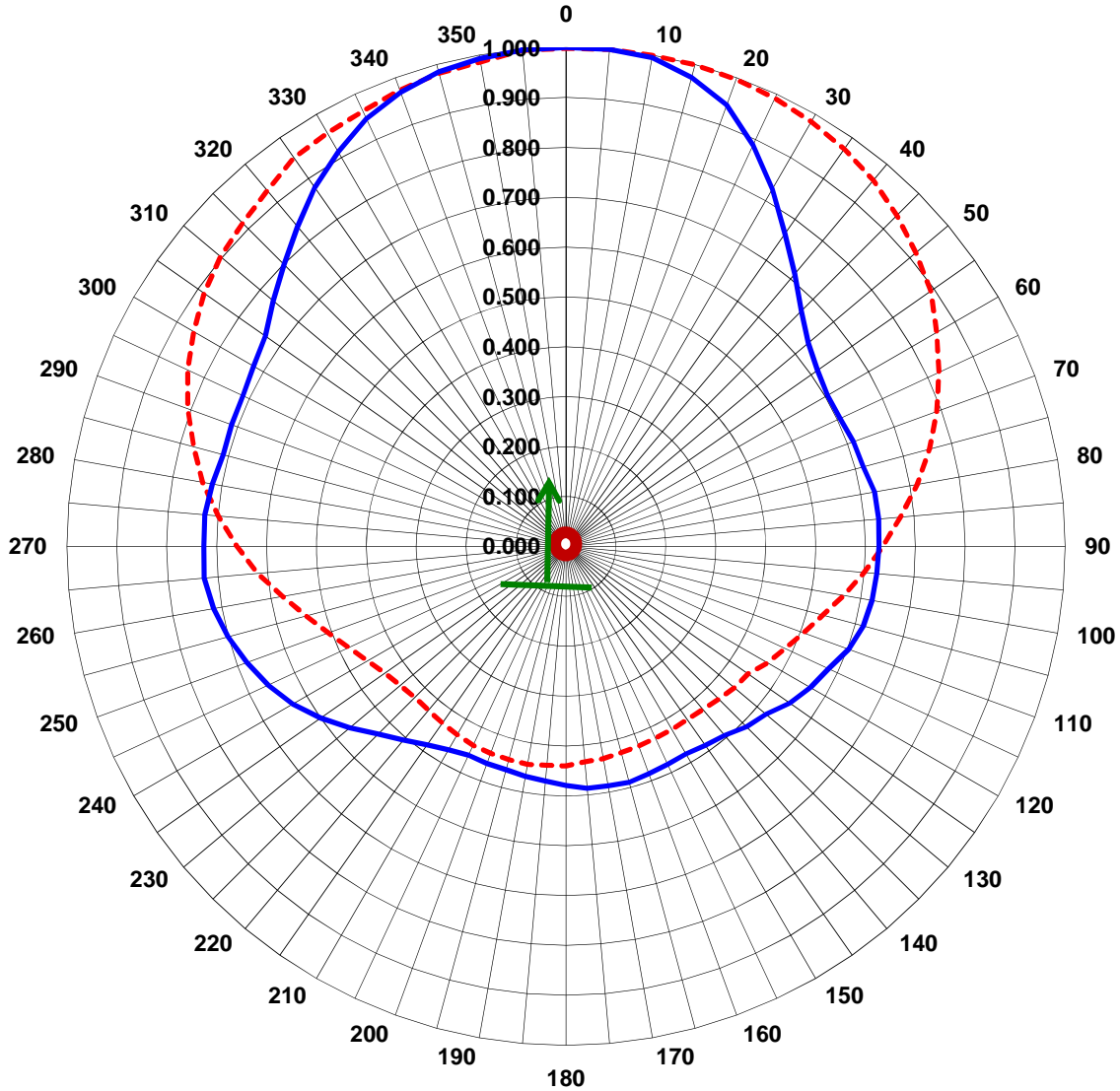


# SHIVELY LABS SAMPLE PATTERN



## 6822 ANTENNA DIRECTIONAL PATTERN

MOUNTED TO 2 TO 4 INCH PIPE

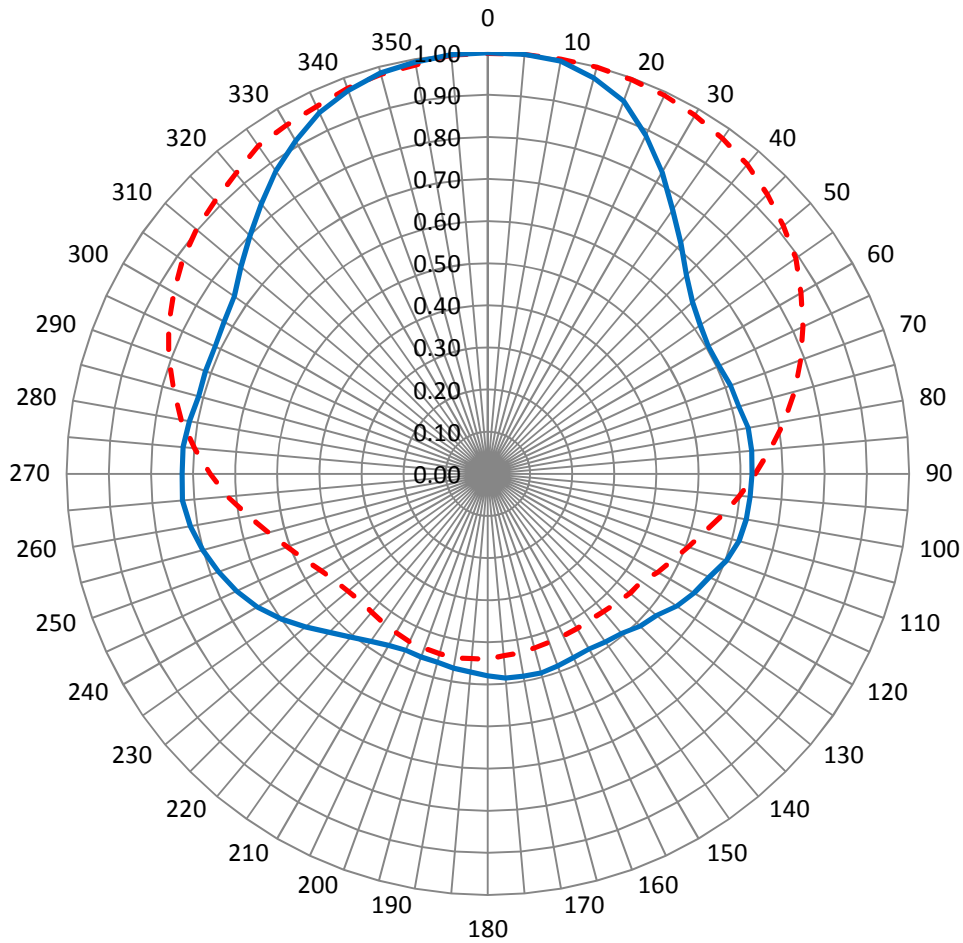
VERTICAL RMS: 71.78%

HORIZONTAL RMS: 69.22%

PATTERN NUMBER	6822-002
FREQUENCY:	All Frequencies
ANTENNA AZIMUTH	0-Degrees
TOWER	POLE
MOUNT STYLE	Standard Mt.
MOUNT REMARKS	N/a
DISTANCE FROM TOWER	N/A

This is the standard setup for the 6822  
mounted on a 2 to 4 inch pipe  
Parasitics determined by frequency

# SHIVELY LABS SAMPLE PATTERN



PATTERN NUMBER 6822-002

**V-RMS** 71.78%  
**H-RMS** 69.22%

**AZIMUTH POWER GAIN**  
2.09

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.999	1.000	90	0.635	0.627	180	0.440	0.479	270	0.659	0.726
5	1.000	1.000	95	0.600	0.625	185	0.440	0.473	275	0.699	0.726
10	1.000	0.995	100	0.566	0.623	190	0.444	0.468	280	0.739	0.720
15	1.000	0.973	105	0.533	0.617	195	0.442	0.464	285	0.772	0.711
20	0.996	0.942	110	0.507	0.603	200	0.441	0.463	290	0.807	0.713
25	0.991	0.887	115	0.485	0.580	205	0.440	0.462	295	0.836	0.714
30	0.983	0.827	120	0.467	0.566	210	0.436	0.471	300	0.861	0.722
35	0.972	0.765	125	0.445	0.547	215	0.432	0.486	305	0.885	0.735
40	0.958	0.713	130	0.441	0.523	220	0.429	0.507	310	0.903	0.766
45	0.938	0.667	135	0.433	0.511	225	0.428	0.532	315	0.916	0.799
50	0.915	0.634	140	0.427	0.495	230	0.433	0.566	320	0.931	0.837
55	0.892	0.615	145	0.423	0.487	235	0.443	0.600	325	0.951	0.878
60	0.858	0.605	150	0.424	0.481	240	0.459	0.632	330	0.956	0.913
65	0.825	0.606	155	0.425	0.482	245	0.480	0.658	335	0.963	0.946
70	0.791	0.613	160	0.426	0.485	250	0.507	0.681	340	0.974	0.969
75	0.754	0.617	165	0.428	0.489	255	0.539	0.701	345	0.982	0.985
80	0.715	0.628	170	0.432	0.488	260	0.577	0.717	350	0.986	0.993
85	0.673	0.629	175	0.434	0.487	265	0.620	0.728	355	0.998	0.999