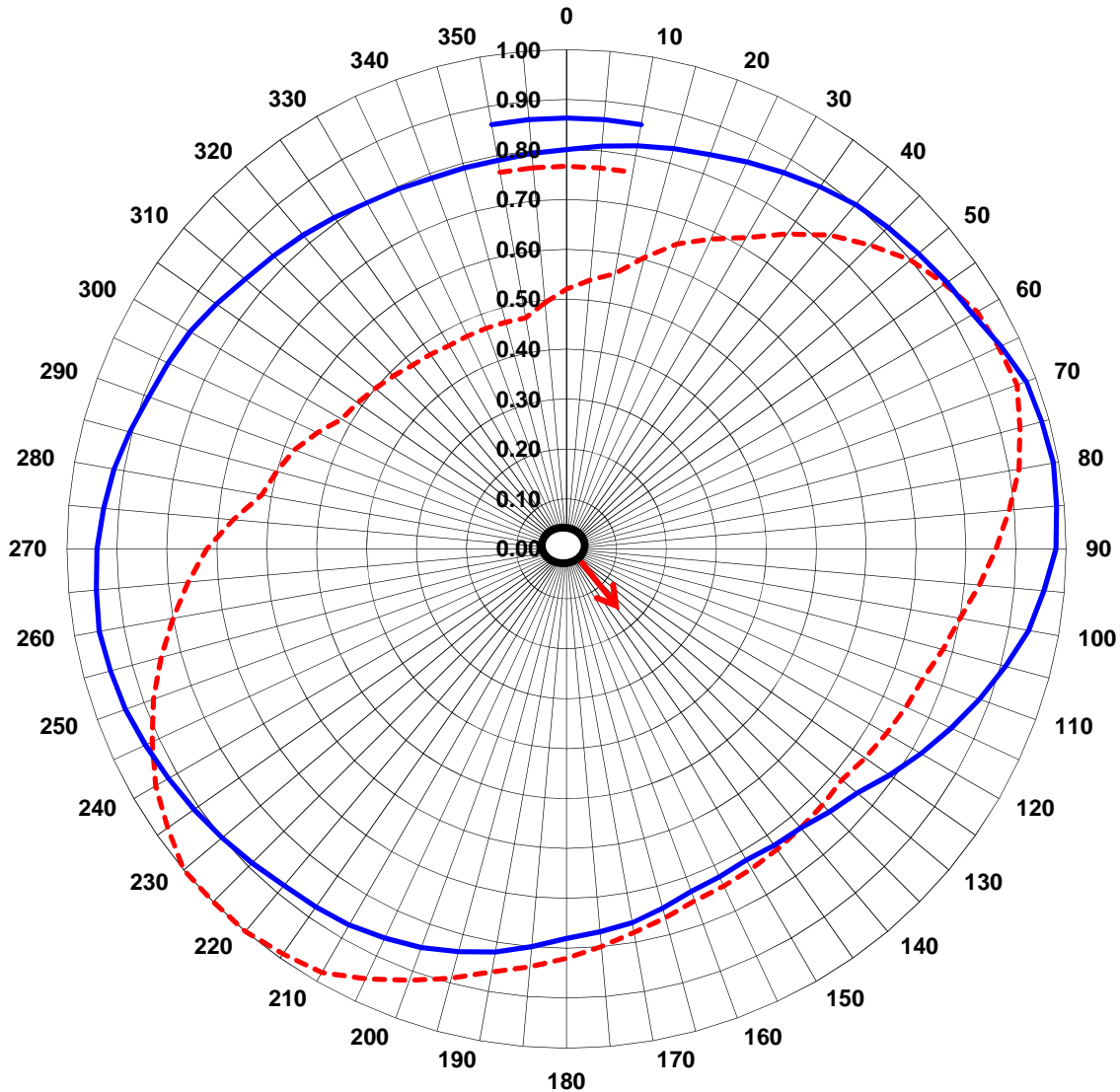


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

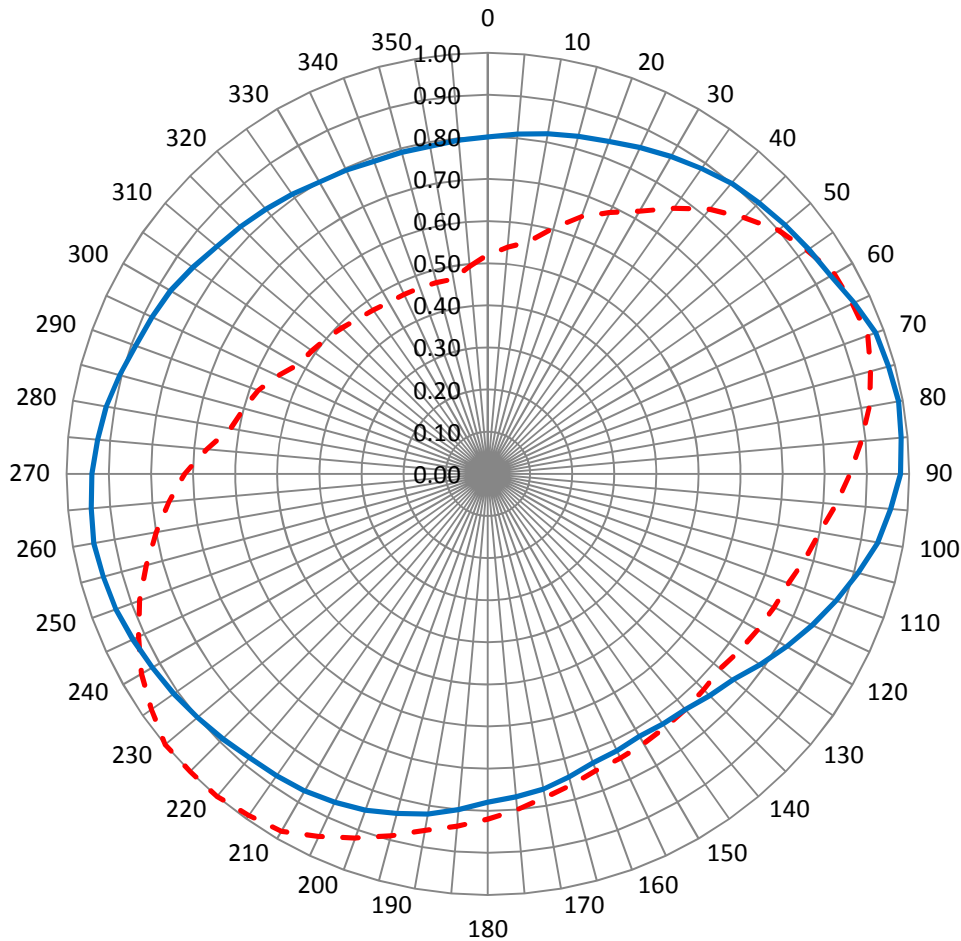
**VERTICAL RMS: 76.61%**

**HORIZONTAL RMS: 86.29%**

PATTERN NUMBER	6810-024
FREQUENCY:	LOW BAND
ANTENNA AZIMUTH	150-DEGREES
TOWER	POLE 12-IN
MOUNT STYLE	POLE MOUNT
DISTANCE FROM POLE	30-INCHES
MOUNT REMARKS	VERTICAL PARASITICS

This is a custom mount  
This antenna has vertical parasitics  
 Contact Sales for design details & cost  
 Radomes and Deicers are optional  
 Pattern studies are optional  
 Shively Labs recommends anti-rotation brackets  
 for tower legs under 2-inches

# SHIVELY LABS SAMPLE PATTERN



PATTERN NUMBER 6810-024

V-RMS 76.61%  
H-RMS 86.29%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.52	0.80	90	0.86	0.98	180	0.82	0.78	270	0.72	0.94
5	0.54	0.81	95	0.83	0.96	185	0.84	0.80	275	0.67	0.93
10	0.56	0.82	100	0.80	0.94	190	0.86	0.82	280	0.62	0.92
15	0.61	0.83	105	0.78	0.91	195	0.89	0.84	285	0.60	0.91
20	0.65	0.84	110	0.76	0.88	200	0.92	0.85	290	0.58	0.89
25	0.69	0.86	115	0.75	0.85	205	0.95	0.86	295	0.55	0.88
30	0.72	0.87	120	0.74	0.82	210	0.98	0.87	300	0.52	0.87
35	0.77	0.89	125	0.73	0.79	215	0.99	0.88	305	0.51	0.86
40	0.82	0.90	130	0.72	0.76	220	1.00	0.88	310	0.50	0.84
45	0.86	0.91	135	0.73	0.75	225	1.00	0.89	315	0.49	0.83
50	0.90	0.92	140	0.73	0.73	230	1.00	0.90	320	0.48	0.82
55	0.93	0.93	145	0.74	0.73	235	0.98	0.91	325	0.48	0.81
60	0.95	0.94	150	0.74	0.72	240	0.95	0.92	330	0.47	0.80
65	0.96	0.96	155	0.75	0.73	245	0.92	0.93	335	0.47	0.80
70	0.96	0.98	160	0.75	0.73	250	0.88	0.94	340	0.47	0.79
75	0.94	0.99	165	0.77	0.75	255	0.84	0.95	345	0.47	0.79
80	0.92	0.99	170	0.78	0.76	260	0.80	0.95	350	0.47	0.79
85	0.89	0.99	175	0.80	0.77	265	0.76	0.95	355	0.50	0.80