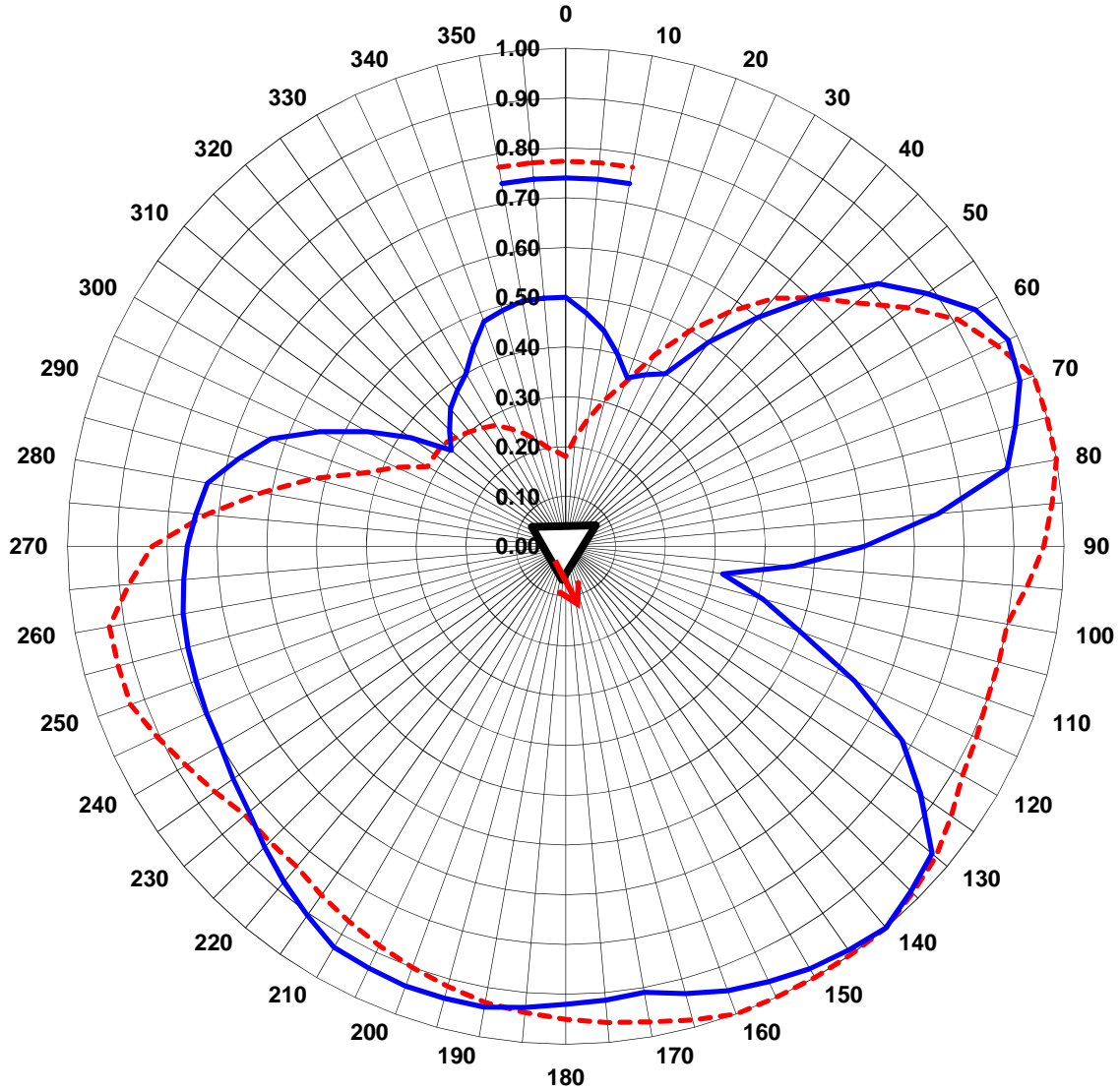


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

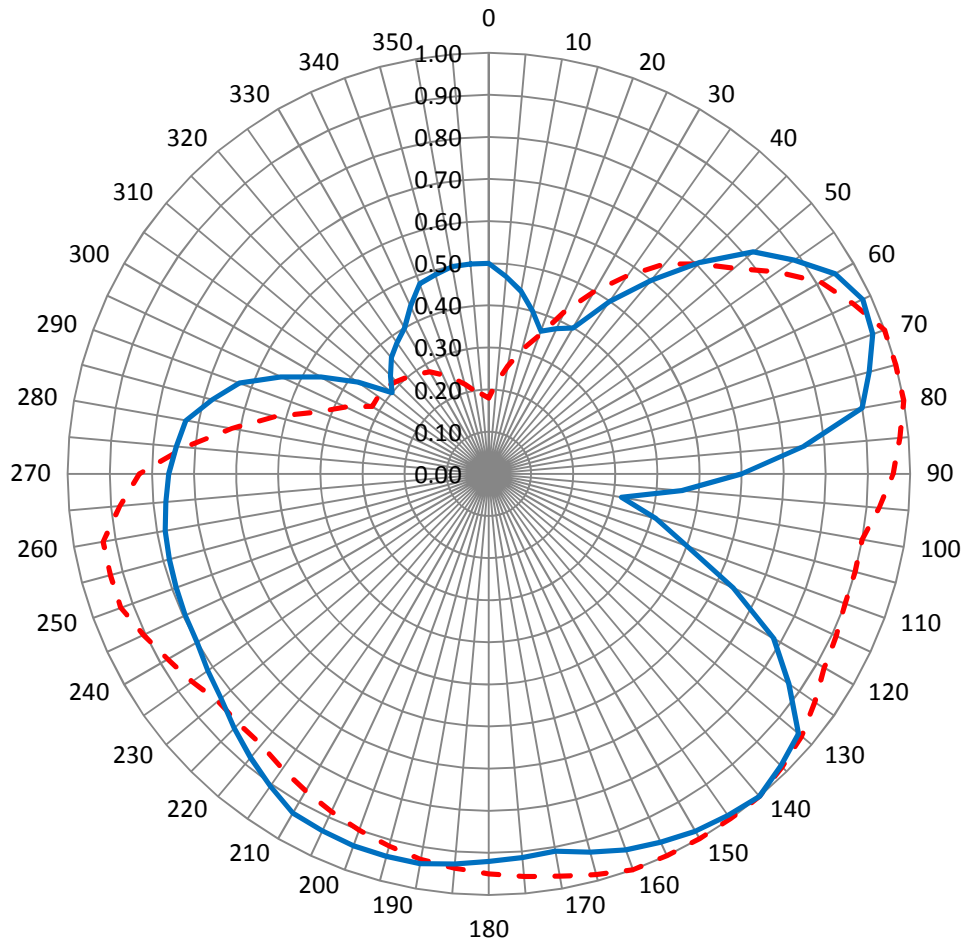
**VERTICAL RMS: 77.32%**

**HORIZONTAL RMS: 73.97%**

PATTERN NUMBER	6810-038
FREQUENCY:	MID FREQ
ANTENNA AZIMUTH	160-DEGREES
TOWER	48-IN FACE
MOUNT STYLE	LEG MOUNT
DISTANCE FROM TOWER	31-INCHES
MOUNT REMARKS:	MT'S ROTATED 30-DGRS CCW

This is a custom mount  
 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 6810-038

V-RMS 77.32%  
H-RMS 73.97%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.18	0.50	90	0.96	0.60	180	0.95	0.92	270	0.83	0.76
5	0.22	0.47	95	0.93	0.46	185	0.94	0.93	275	0.73	0.75
10	0.26	0.44	100	0.90	0.32	190	0.93	0.94	280	0.62	0.73
15	0.31	0.40	105	0.90	0.41	195	0.92	0.94	285	0.53	0.68
20	0.35	0.36	110	0.90	0.50	200	0.90	0.94	290	0.43	0.63
25	0.43	0.38	115	0.91	0.64	205	0.89	0.94	295	0.38	0.55
30	0.50	0.40	120	0.92	0.78	210	0.87	0.93	300	0.32	0.46
35	0.58	0.50	125	0.95	0.87	215	0.86	0.91	305	0.32	0.38
40	0.65	0.60	130	0.97	0.96	220	0.84	0.88	310	0.32	0.30
45	0.71	0.71	135	0.99	0.98	225	0.84	0.86	315	0.31	0.33
50	0.76	0.82	140	1.00	1.00	230	0.84	0.83	320	0.30	0.36
55	0.84	0.89	145	1.00	0.99	235	0.86	0.82	325	0.29	0.38
60	0.91	0.95	150	1.00	0.98	240	0.88	0.80	330	0.28	0.40
65	0.96	0.98	155	1.00	0.97	245	0.91	0.80	335	0.26	0.44
70	1.00	0.97	160	1.00	0.95	250	0.93	0.79	340	0.24	0.48
75	1.00	0.94	165	0.99	0.93	255	0.93	0.79	345	0.22	0.49
80	1.00	0.90	170	0.97	0.91	260	0.93	0.78	350	0.20	0.50
85	0.98	0.75	175	0.96	0.92	265	0.88	0.77	355	0.19	0.50