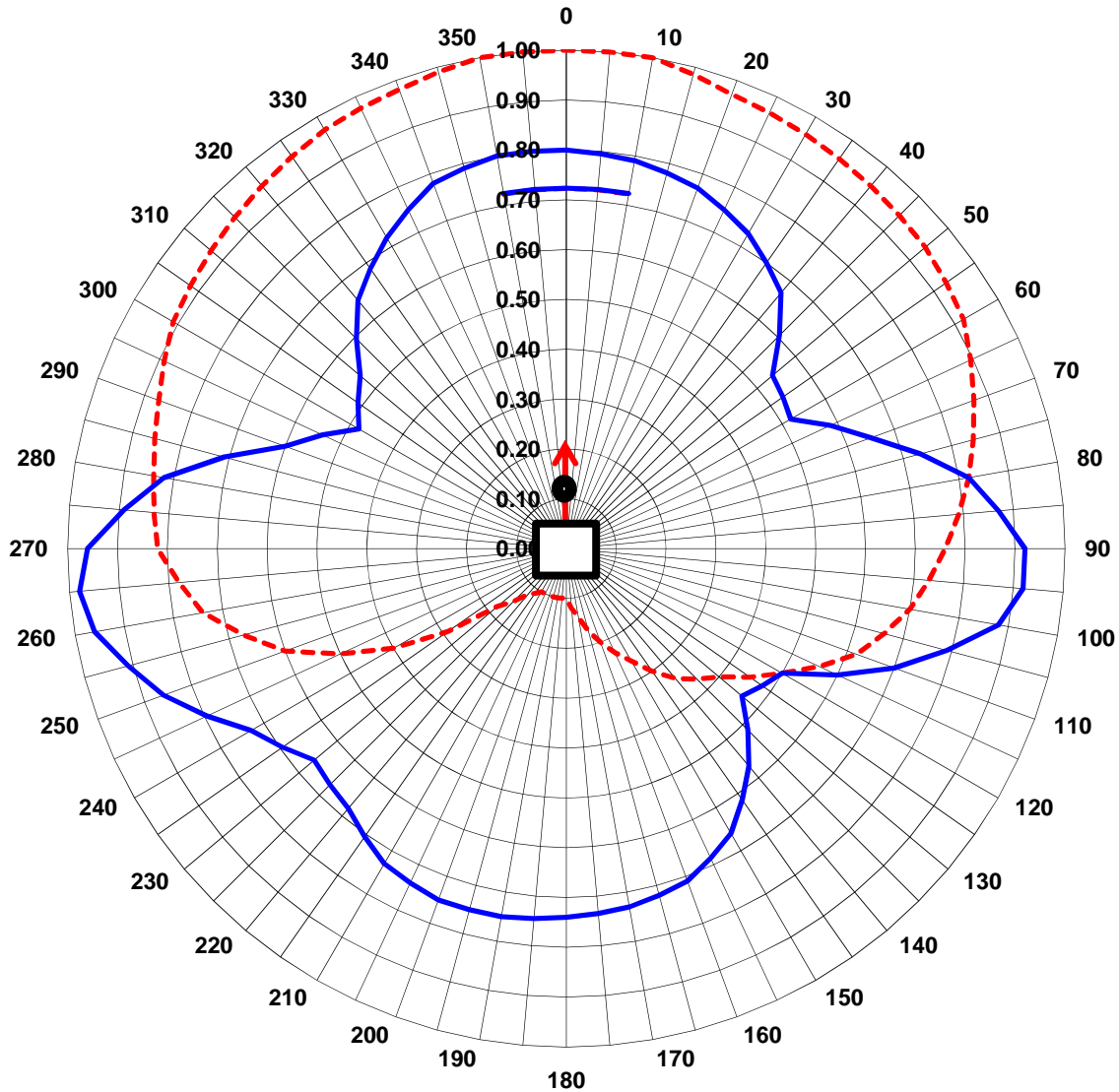


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

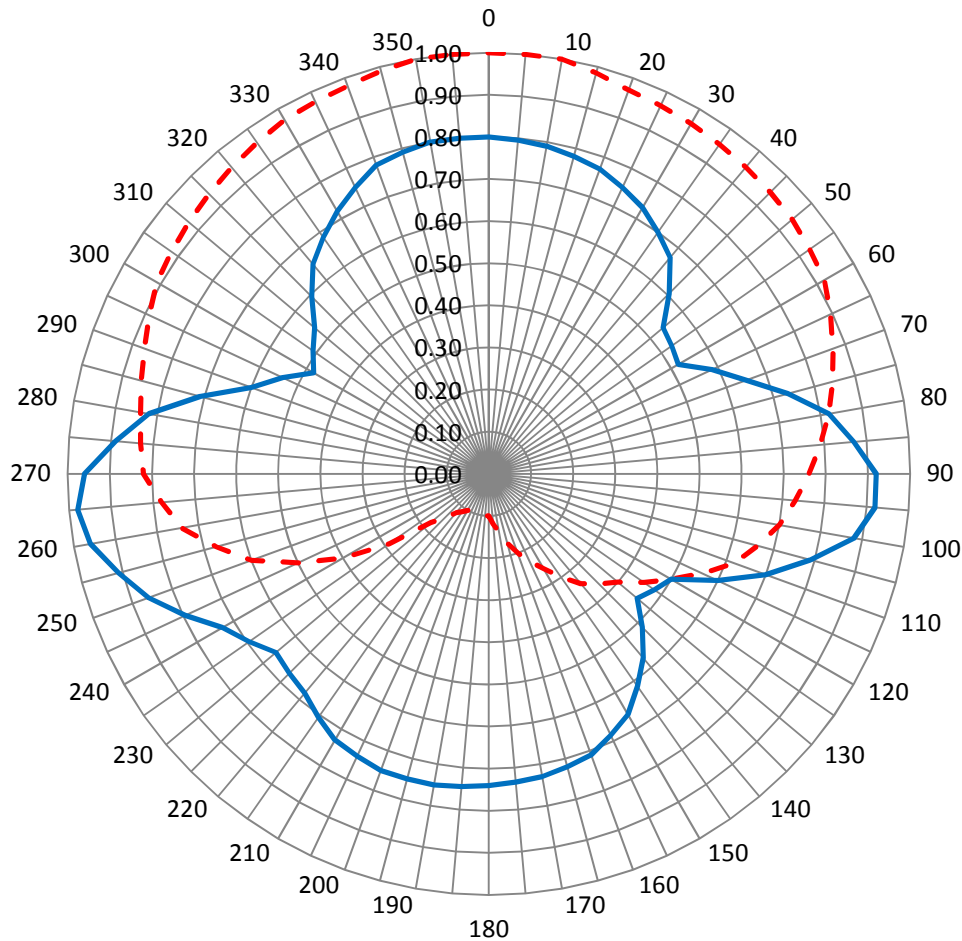
**VERTICAL RMS: 72.25%**

**HORIZONTAL RMS: 72.32%**

PATTERN NUMBER 6810-047  
 FREQUENCY: LOW BAND  
 ANTENNA AZIMUTH 0-DEGREES  
 TOWER SQ 1.2 METERS  
 MOUNT STYLE POLE-FACE MT  
**90-MM POLE OFF SET FROM FACE 30-CM**  
**ANTENNA MOUNTED 24-INCHES OFF 90-MM POLE**

This is a custom mount  
90 MM Pole mounted 30-cm from tower face  
Antenna mounted 24-inches from 90-mm pole.  
 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 6810-047

V-RMS 72.25%  
H-RMS 72.32%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	1.00	0.80	90	0.76	0.92	180	0.10	0.74	270	0.82	0.96
5	1.00	0.80	95	0.73	0.92	185	0.10	0.75	275	0.83	0.89
10	1.00	0.79	100	0.70	0.88	190	0.10	0.75	280	0.84	0.82
15	0.99	0.78	105	0.66	0.79	195	0.10	0.75	285	0.86	0.71
20	0.97	0.77	110	0.62	0.70	200	0.10	0.75	290	0.87	0.60
25	0.97	0.75	115	0.56	0.60	205	0.10	0.74	295	0.89	0.54
30	0.96	0.73	120	0.50	0.50	210	0.10	0.73	300	0.91	0.48
35	0.96	0.70	125	0.45	0.48	215	0.11	0.71	305	0.92	0.51
40	0.95	0.67	130	0.40	0.46	220	0.12	0.68	310	0.93	0.54
45	0.95	0.61	135	0.37	0.52	225	0.15	0.67	315	0.94	0.60
50	0.94	0.54	140	0.34	0.57	230	0.18	0.66	320	0.95	0.65
55	0.93	0.53	145	0.30	0.62	235	0.29	0.70	325	0.96	0.69
60	0.92	0.52	150	0.26	0.66	240	0.40	0.73	330	0.97	0.72
65	0.90	0.59	155	0.23	0.69	245	0.50	0.80	335	0.98	0.75
70	0.87	0.65	160	0.20	0.71	250	0.60	0.86	340	0.98	0.78
75	0.85	0.74	165	0.17	0.72	255	0.67	0.91	345	0.99	0.79
80	0.82	0.82	170	0.14	0.73	260	0.74	0.96	350	1.00	0.80
85	0.79	0.87	175	0.12	0.74	265	0.78	0.98	355	1.00	0.80