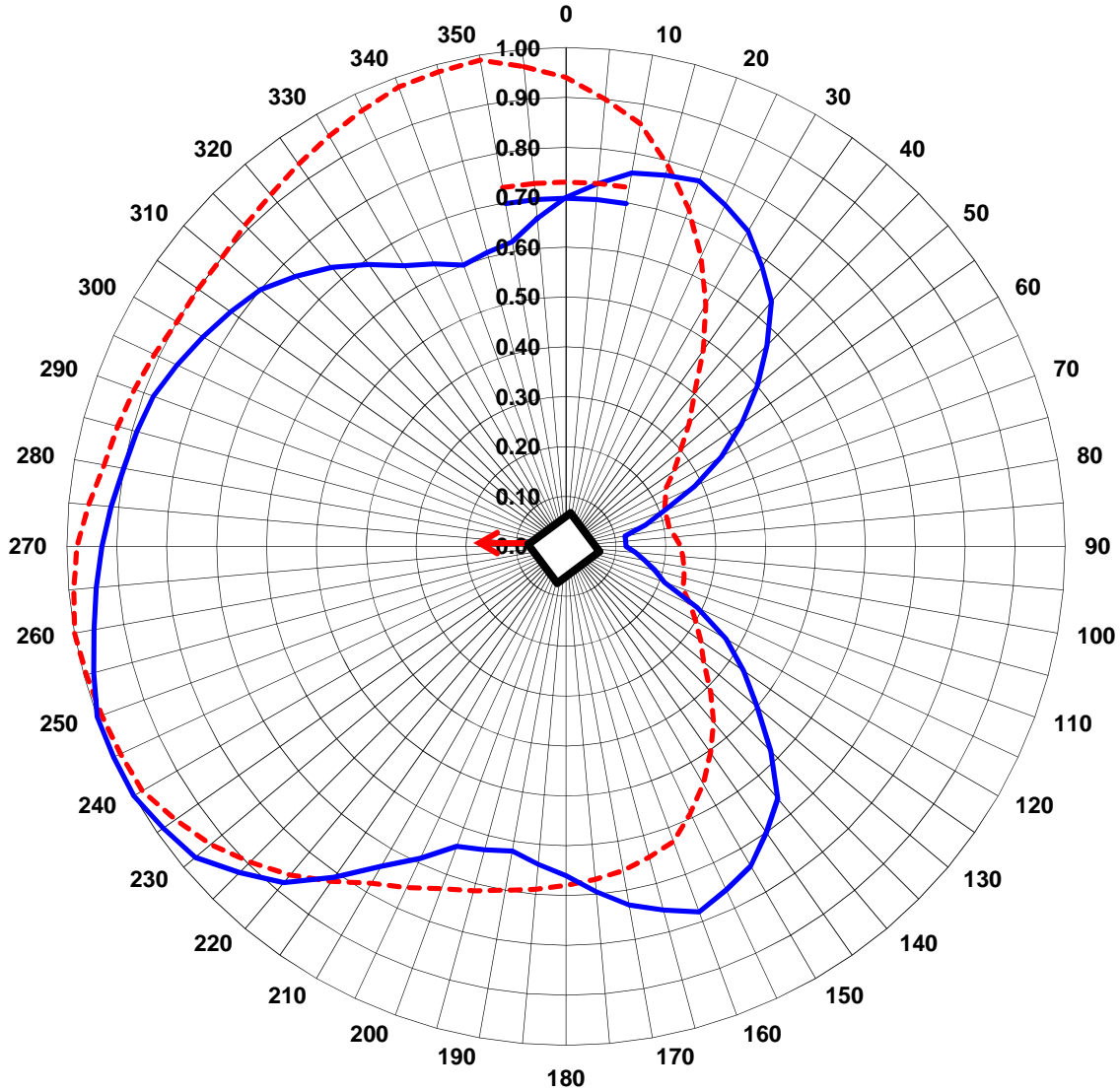


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

**VERTICAL RMS: 73.04%**

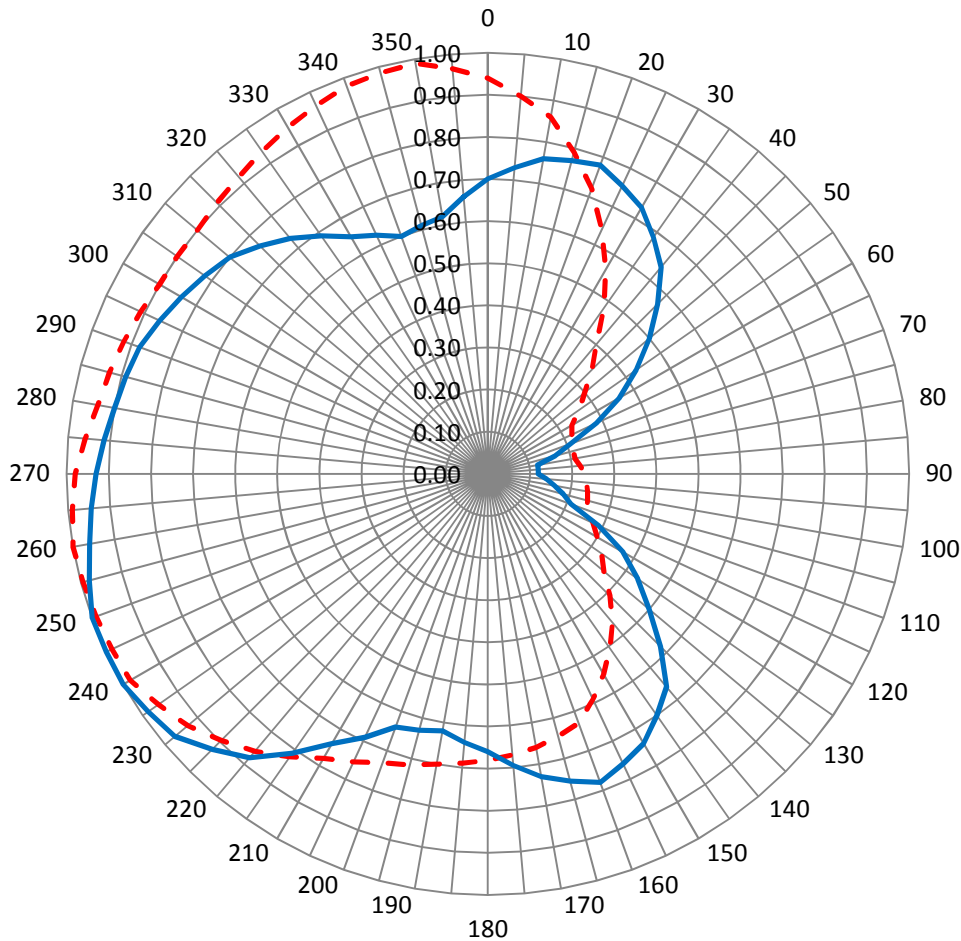
**HORIZONTAL RMS: 69.78%**

PATTERN NUMBER  
 FREQUENCY:  
 ANTENNA AZIMUTH  
 TOWER  
 MOUNT STYLE  
 DISTANCE FROM TOWER  
 MOUNT REMARKS

6810-020  
 HIGH BAND  
 275-DEGREES  
 SQUARE 50-CM  
 POLE-LEG MT  
 CALL SALES  
 90-MM POLE

This is a custom mount  
 90-mm pole off set 18-inches from tower leg  
 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 6810-020

V-RMS 73.04%  
H-RMS 69.78%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.94	0.70	90	0.23	0.12	180	0.68	0.66	270	0.98	0.93
5	0.90	0.73	95	0.24	0.14	185	0.69	0.64	275	0.96	0.92
10	0.86	0.76	100	0.24	0.16	190	0.70	0.62	280	0.94	0.90
15	0.79	0.77	105	0.25	0.19	195	0.72	0.63	285	0.93	0.89
20	0.72	0.78	110	0.25	0.21	200	0.73	0.64	290	0.92	0.88
25	0.64	0.76	115	0.28	0.29	205	0.76	0.69	295	0.91	0.86
30	0.56	0.73	120	0.30	0.37	210	0.78	0.74	300	0.90	0.84
35	0.48	0.69	125	0.33	0.44	215	0.82	0.81	305	0.90	0.82
40	0.40	0.64	130	0.36	0.50	220	0.86	0.88	310	0.90	0.80
45	0.35	0.57	135	0.41	0.58	225	0.90	0.93	315	0.91	0.77
50	0.30	0.50	140	0.46	0.66	230	0.93	0.97	320	0.92	0.73
55	0.27	0.43	145	0.51	0.70	235	0.96	0.99	325	0.94	0.69
60	0.23	0.36	150	0.55	0.74	240	0.98	1.00	330	0.95	0.65
65	0.22	0.29	155	0.59	0.76	245	0.99	1.00	335	0.97	0.63
70	0.21	0.21	160	0.63	0.78	250	0.99	1.00	340	0.98	0.60
75	0.21	0.17	165	0.65	0.76	255	1.00	0.98	345	0.99	0.61
80	0.21	0.12	170	0.66	0.73	260	1.00	0.96	350	0.99	0.62
85	0.22	0.12	175	0.67	0.70	265	0.99	0.95	355	0.97	0.66