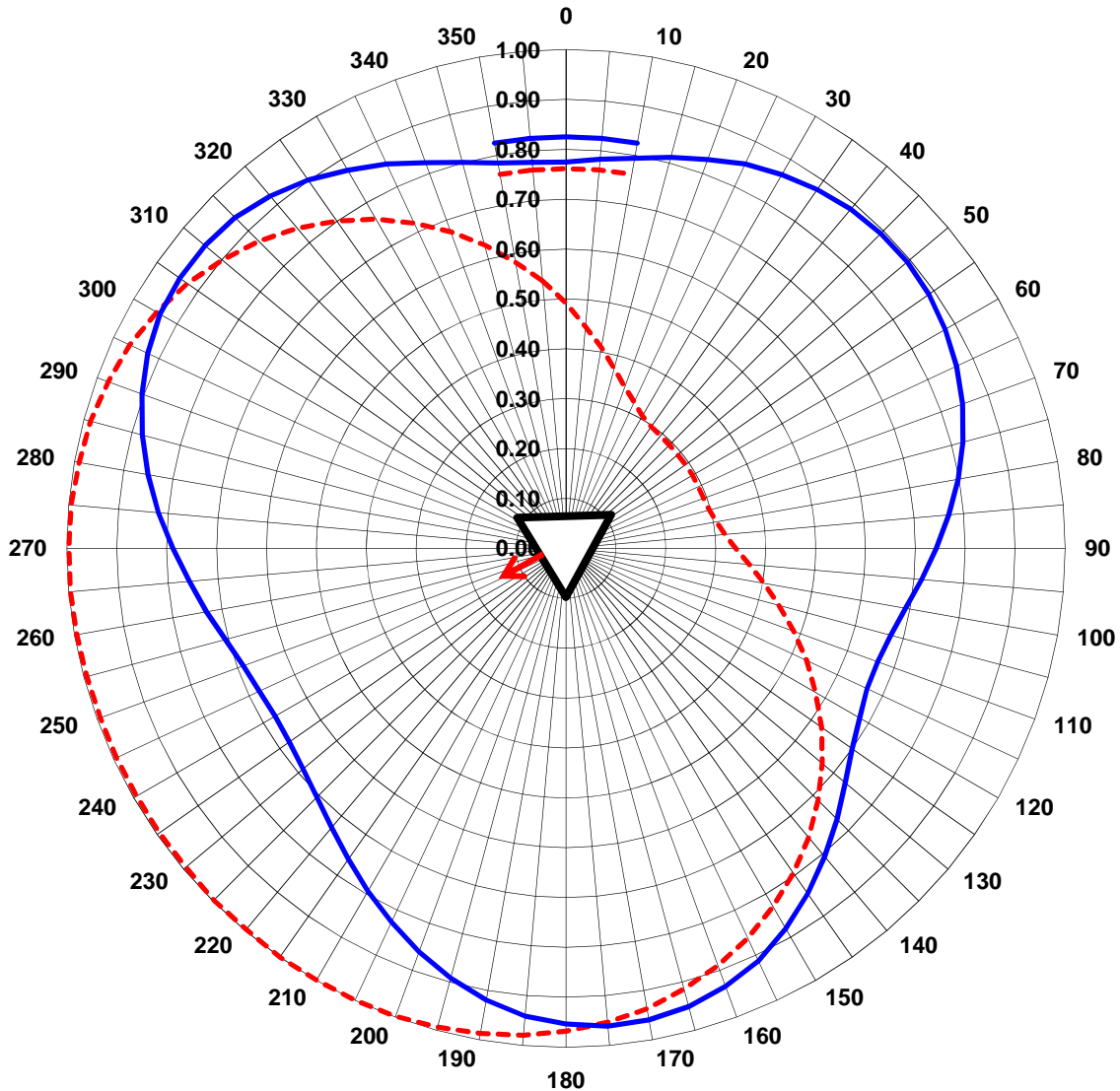


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

**VERTICAL RMS: 76.13%**

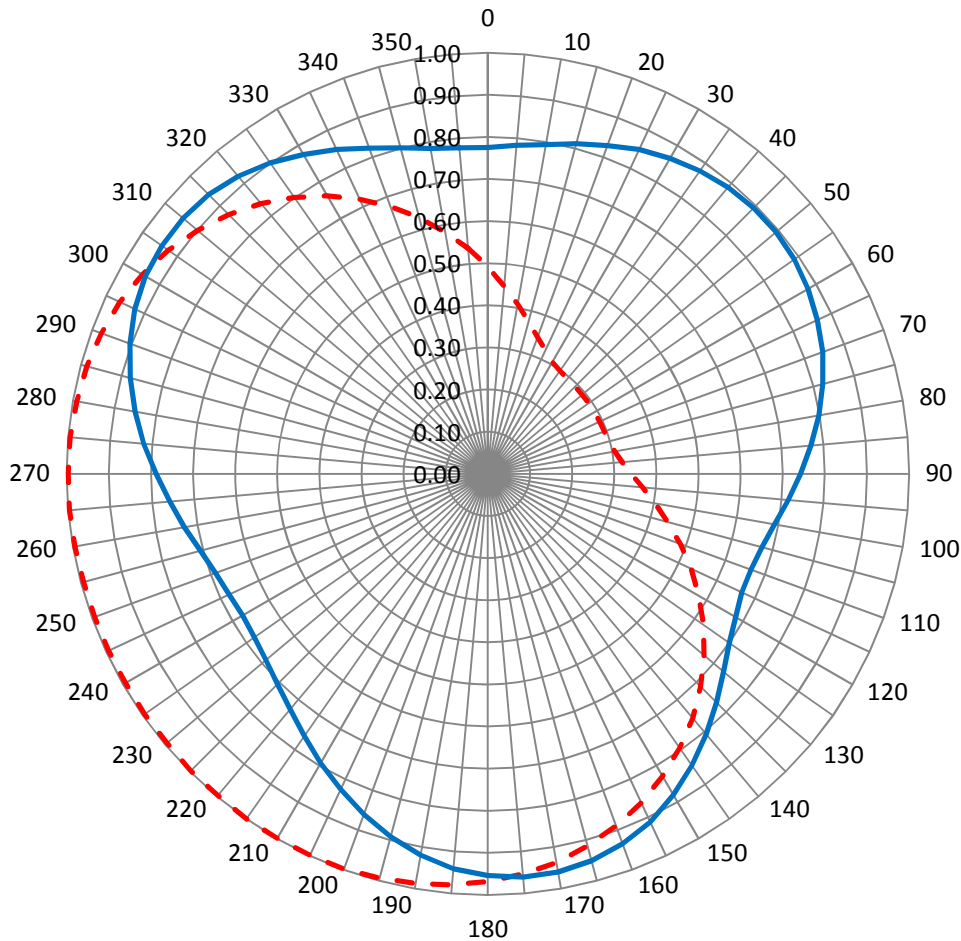
**HORIZONTAL RMS: 82.50%**

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

6810-016  
 HIGH BAND  
 240-DEGREES  
 BELL 24-IN  
 FACE MOUNT  
 STD. MOUNT  
 N/A

Antennas are supplied with standard mounts  
 Standard mounts fit 1.25" to 3.50" OD tower legs  
 or up to a 48-inch face tower  
 Mounts stand off 17.5-inches  
 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 6810-016

V-RMS 76.13%  
H-RMS 82.50%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.49	0.77	90	0.34	0.74	180	0.97	0.95	270	1.00	0.79
5	0.45	0.78	95	0.37	0.72	185	0.98	0.94	275	1.00	0.82
10	0.41	0.79	100	0.40	0.69	190	0.99	0.92	280	0.99	0.85
15	0.37	0.81	105	0.44	0.67	195	0.99	0.89	285	0.99	0.88
20	0.34	0.83	110	0.49	0.66	200	1.00	0.86	290	0.98	0.90
25	0.32	0.85	115	0.53	0.67	205	1.00	0.83	295	0.96	0.93
30	0.31	0.87	120	0.58	0.68	210	1.00	0.79	300	0.95	0.94
35	0.30	0.88	125	0.63	0.70	215	1.00	0.76	305	0.93	0.94
40	0.29	0.89	130	0.67	0.73	220	1.00	0.73	310	0.90	0.94
45	0.29	0.89	135	0.71	0.77	225	1.00	0.71	315	0.87	0.94
50	0.29	0.89	140	0.76	0.81	230	0.99	0.69	320	0.84	0.92
55	0.29	0.89	145	0.79	0.84	235	0.99	0.68	325	0.80	0.90
60	0.29	0.88	150	0.83	0.88	240	0.99	0.67	330	0.76	0.88
65	0.29	0.86	155	0.86	0.91	245	0.99	0.68	335	0.72	0.85
70	0.29	0.85	160	0.89	0.93	250	0.99	0.69	340	0.68	0.82
75	0.30	0.82	165	0.91	0.95	255	0.99	0.71	345	0.63	0.80
80	0.31	0.80	170	0.94	0.96	260	1.00	0.73	350	0.58	0.78
85	0.32	0.77	175	0.95	0.96	265	1.00	0.76	355	0.54	0.78