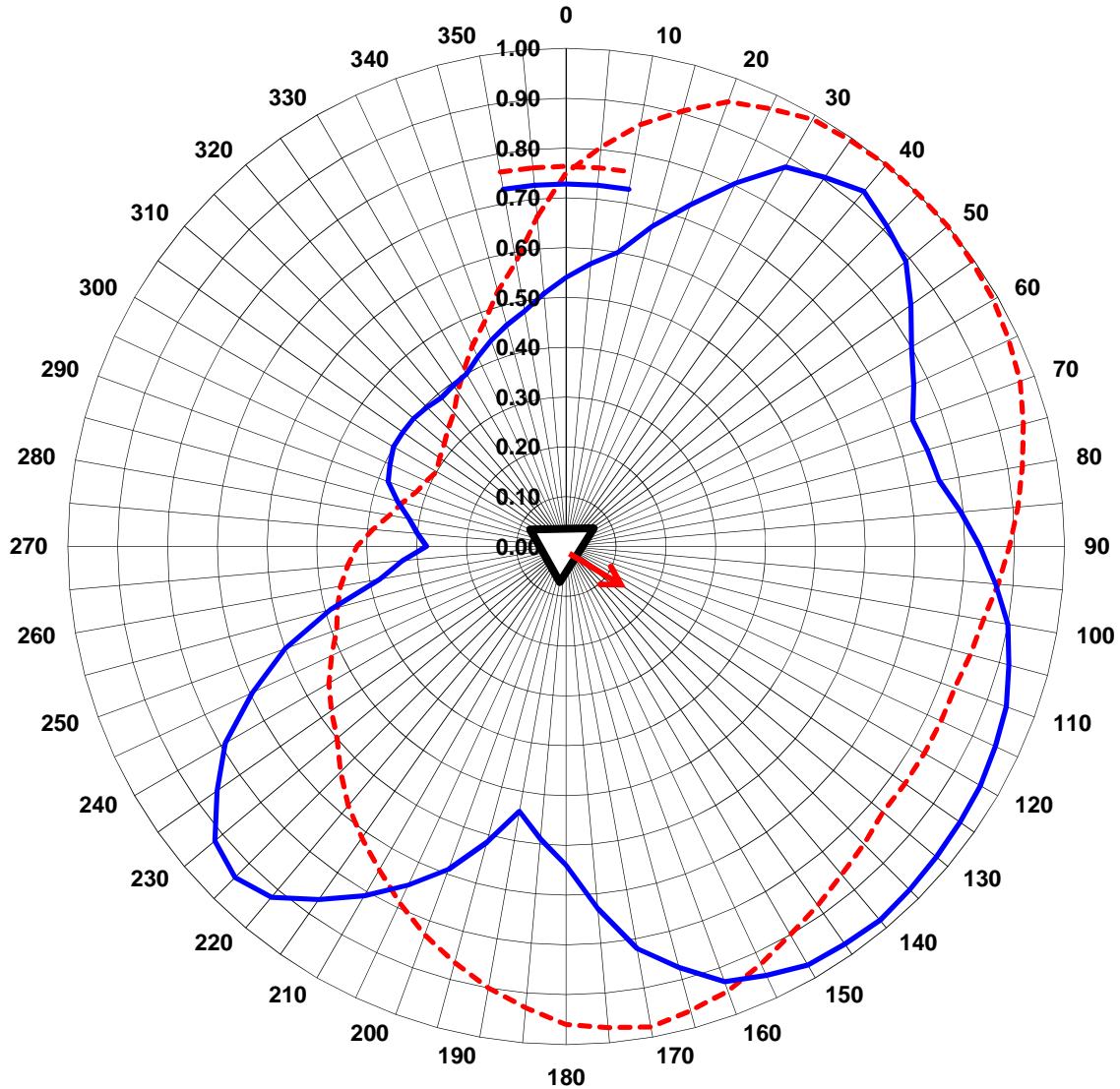


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

**VERTICAL RMS: 76.32%**

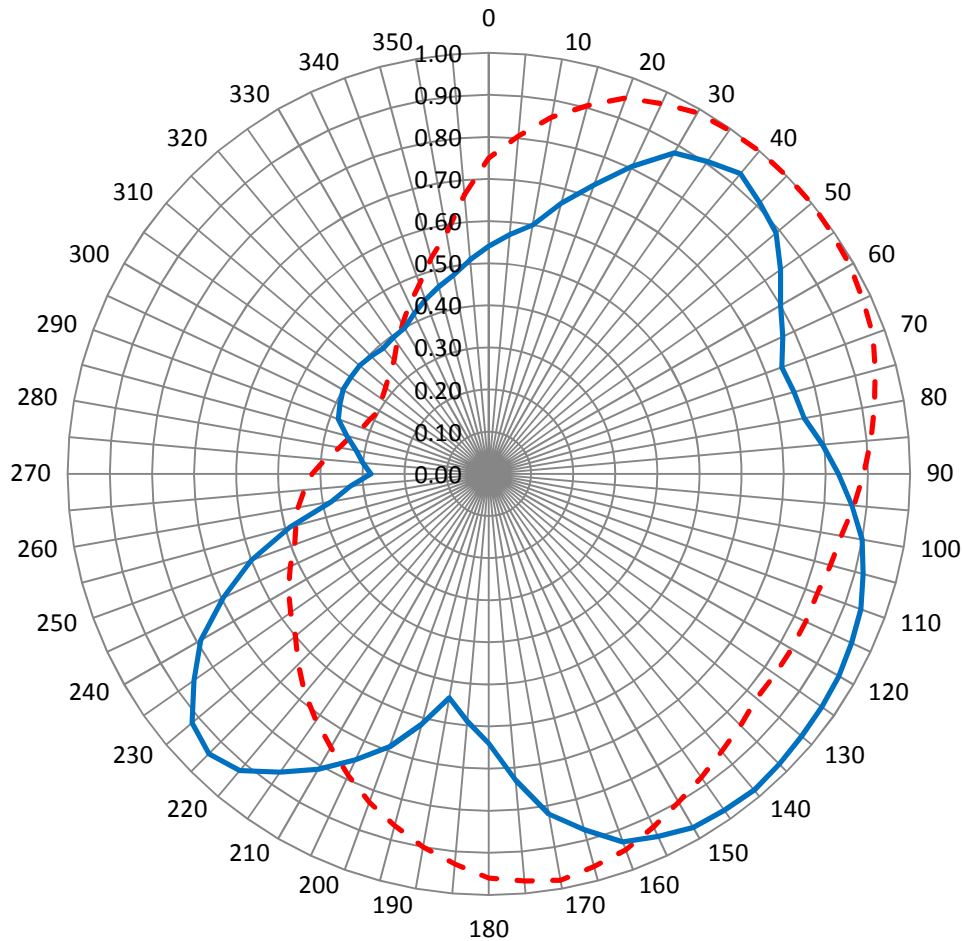
**HORIZONTAL RMS: 72.80%**

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

6810-056  
 MID FREQ  
 110-DEGREES  
 MAGNUM 42  
 FACE MT  
 32-INCHES  
 N/A

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 6810-056

V-RMS 76.32%  
H-RMS 72.80%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.75	0.54	90	0.89	0.83	180	0.96	0.64	270	0.42	0.28
5	0.81	0.57	95	0.87	0.87	185	0.93	0.59	275	0.39	0.30
10	0.86	0.60	100	0.85	0.90	190	0.90	0.54	280	0.36	0.32
15	0.91	0.67	105	0.84	0.92	195	0.87	0.62	285	0.34	0.35
20	0.95	0.73	110	0.83	0.94	200	0.83	0.69	290	0.32	0.38
25	0.97	0.81	115	0.83	0.95	205	0.79	0.75	295	0.31	0.39
30	0.99	0.88	120	0.83	0.96	210	0.75	0.81	300	0.30	0.40
35	1.00	0.91	125	0.83	0.97	215	0.72	0.87	305	0.31	0.40
40	1.00	0.93	130	0.83	0.97	220	0.68	0.92	310	0.32	0.40
45	1.00	0.91	135	0.85	0.98	225	0.64	0.94	315	0.34	0.40
50	1.00	0.89	140	0.86	0.98	230	0.60	0.92	320	0.35	0.39
55	1.00	0.85	145	0.88	0.98	235	0.58	0.86	325	0.38	0.40
60	0.99	0.80	150	0.90	0.97	240	0.55	0.79	330	0.41	0.40
65	0.98	0.77	155	0.93	0.95	245	0.52	0.70	335	0.45	0.42
70	0.97	0.74	160	0.95	0.93	250	0.49	0.60	340	0.48	0.44
75	0.95	0.75	165	0.97	0.88	255	0.48	0.49	345	0.53	0.46
80	0.93	0.76	170	0.98	0.82	260	0.46	0.38	350	0.58	0.48
85	0.91	0.80	175	0.97	0.73	265	0.44	0.33	355	0.67	0.51