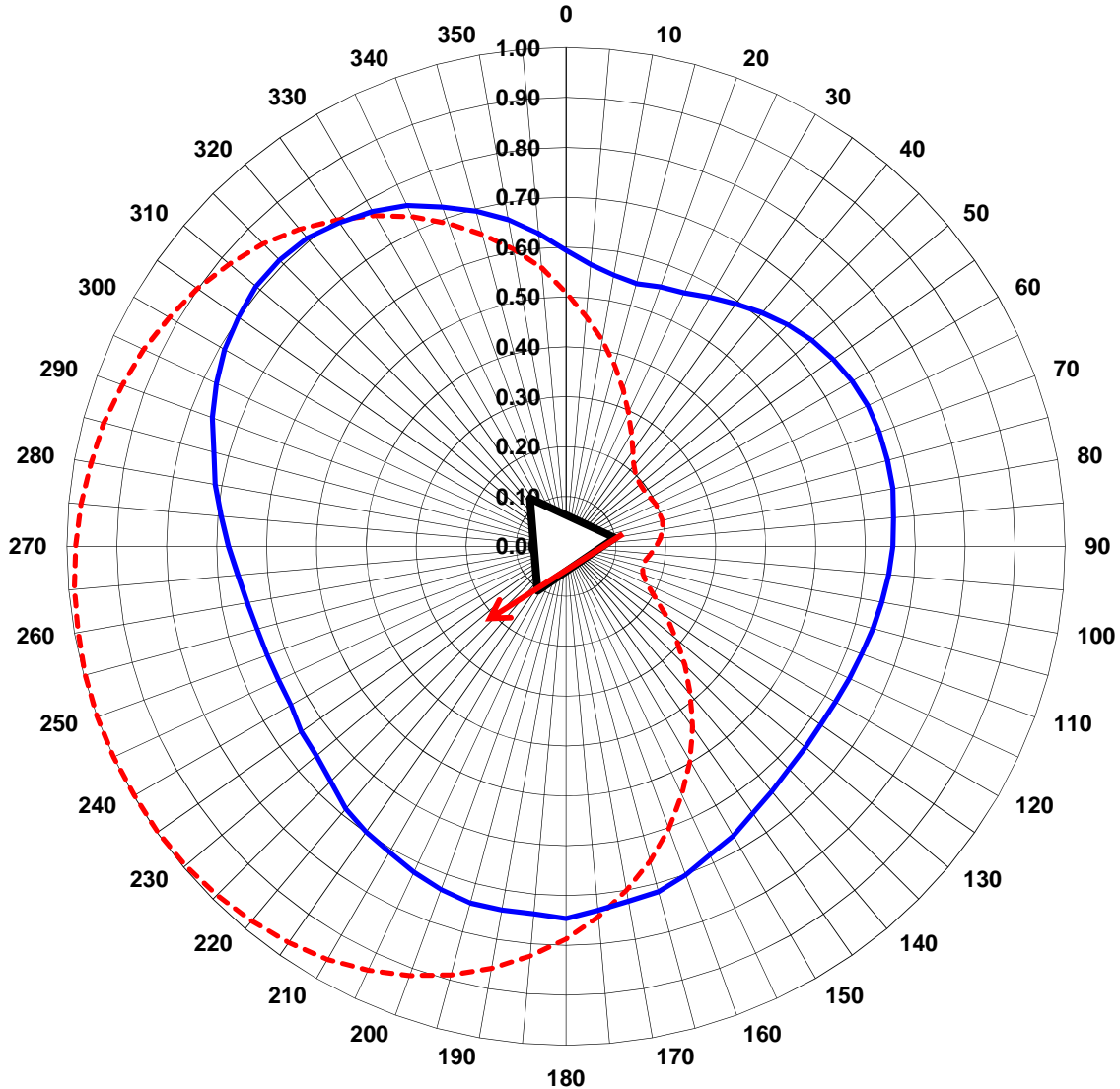


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

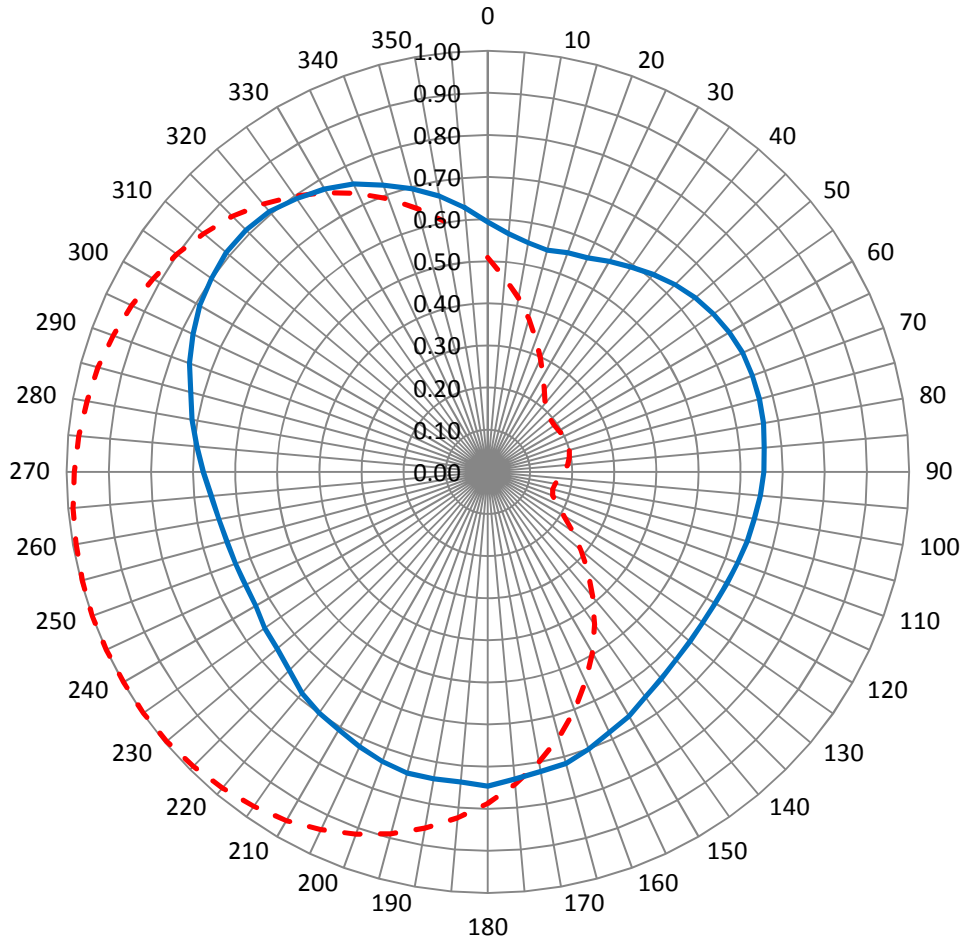
**VERTICAL RMS: 68.42%**

**HORIZONTAL RMS: 67.90%**

PATTERN NUMBER	6810-001
FREQUENCY:	HIGH BAND
ANTENNA AZIMUTH	232-DEGREES
TOWER	42-IN
MOUNT STYLE	PKUP 2-LEG
MOUNT REMARKS	N/A
DISTANCE FROM TOWER	28-125 IN.

**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 6810-001**

**V-RMS 68.42%**  
**H-RMS 67.90%**

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.51	0.59	90	0.18	0.65	180	0.79	0.75	270	0.98	0.68
5	0.46	0.57	95	0.17	0.65	185	0.82	0.74	275	0.98	0.69
10	0.42	0.55	100	0.16	0.64	190	0.86	0.74	280	0.97	0.71
15	0.38	0.54	105	0.16	0.64	195	0.89	0.74	285	0.96	0.73
20	0.33	0.55	110	0.16	0.63	200	0.92	0.73	290	0.95	0.75
25	0.30	0.56	115	0.18	0.63	205	0.94	0.72	295	0.93	0.77
30	0.26	0.58	120	0.21	0.62	210	0.96	0.71	300	0.92	0.79
35	0.23	0.59	125	0.25	0.62	215	0.97	0.70	305	0.90	0.80
40	0.21	0.61	130	0.29	0.63	220	0.98	0.69	310	0.88	0.81
45	0.20	0.63	135	0.34	0.63	225	0.99	0.67	315	0.86	0.81
50	0.19	0.64	140	0.39	0.64	230	1.00	0.65	320	0.83	0.81
55	0.19	0.65	145	0.44	0.65	235	1.00	0.65	325	0.80	0.79
60	0.19	0.66	150	0.50	0.67	240	1.00	0.64	330	0.77	0.78
65	0.20	0.67	155	0.55	0.68	245	1.00	0.64	335	0.73	0.75
70	0.20	0.67	160	0.60	0.70	250	1.00	0.64	340	0.69	0.72
75	0.20	0.67	165	0.65	0.72	255	1.00	0.64	345	0.65	0.70
80	0.20	0.66	170	0.70	0.72	260	0.99	0.65	350	0.60	0.66
85	0.19	0.66	175	0.74	0.73	265	0.99	0.66	355	0.56	0.63