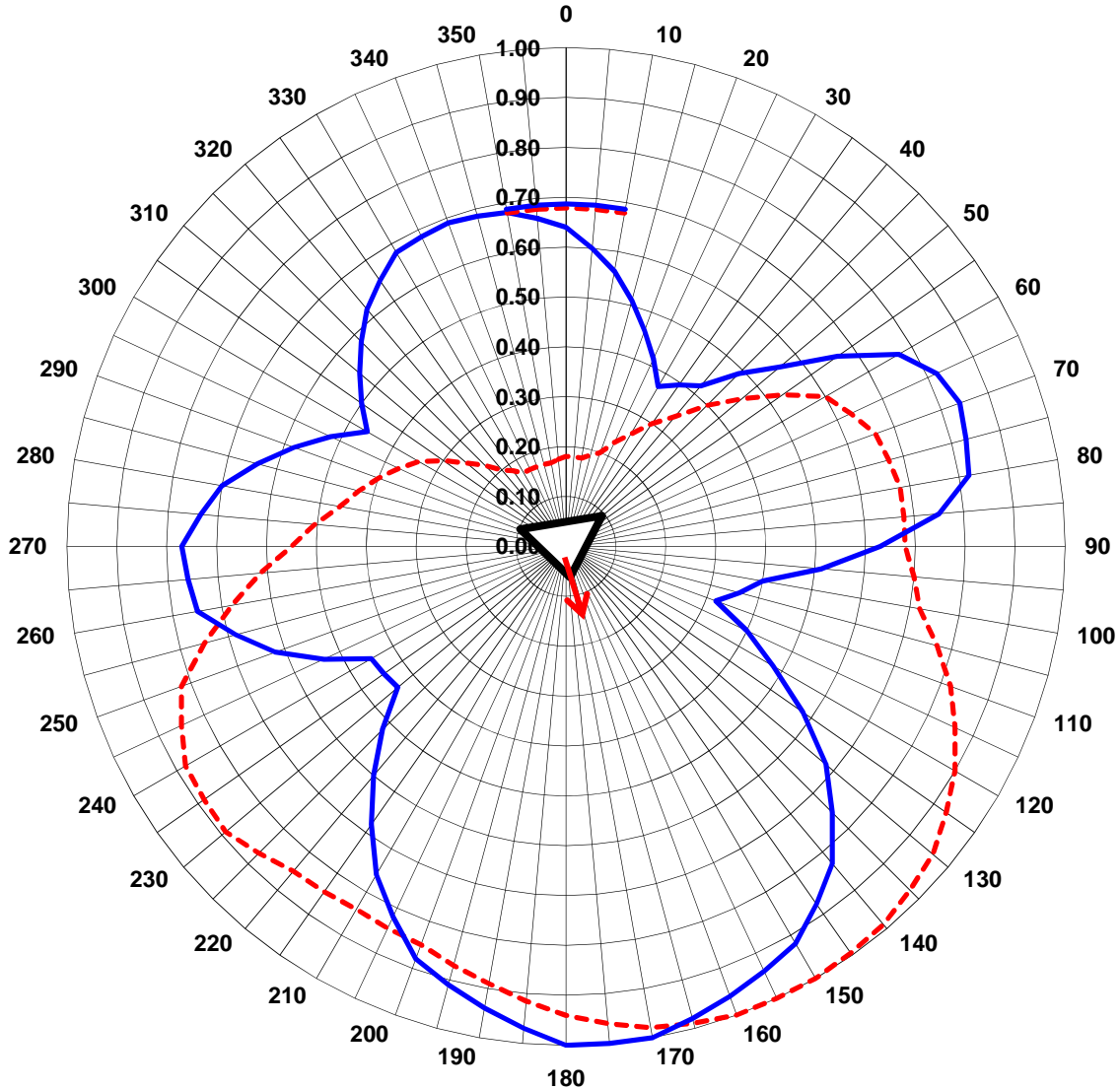


# SHIVELY LABS SAMPLE PATTERN



## 6814 ANTENNA

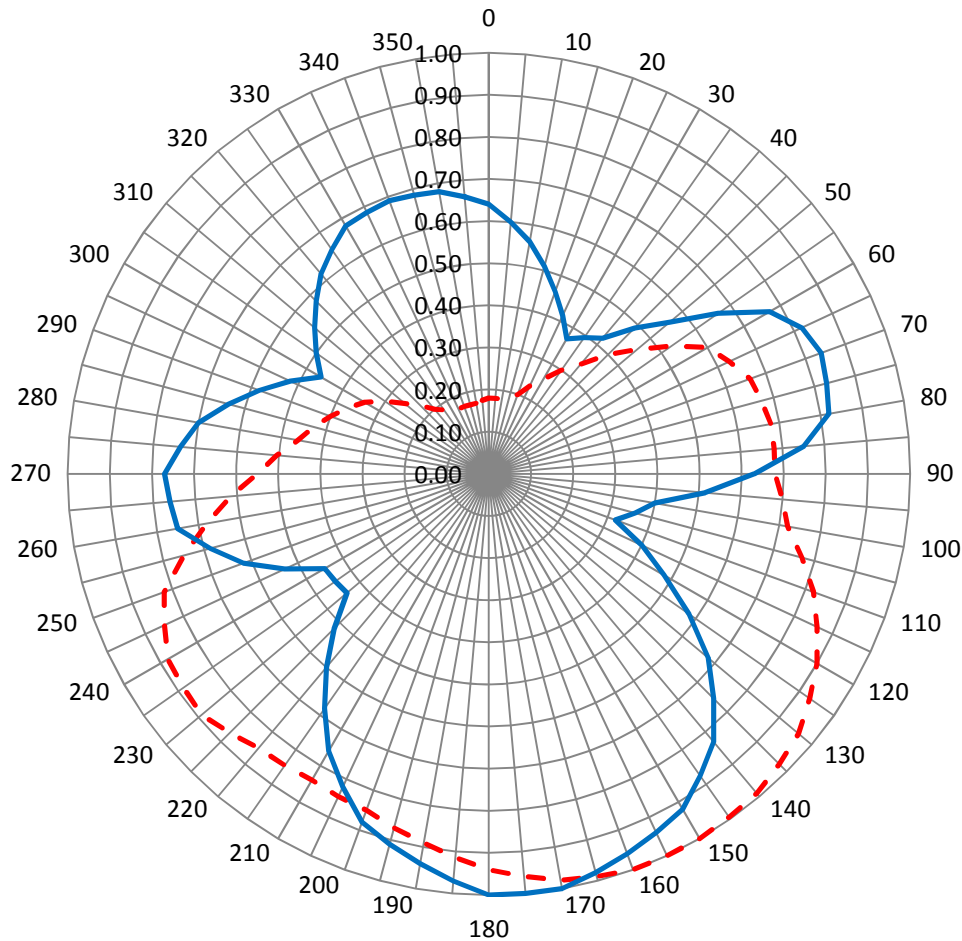
**VERTICAL RMS: 67.86%**

**HORIZONTAL RMS: 68.64%**

PATTERN NUMBER	6814-008
FREQUENCY:	HIGH FREQUENCY
ANTENNA AZIMUTH	170-DEGREES
TOWER	CENTRAL 36
MOUNT STYLE	LEG MOUNT
DISTANCE FROM TOWER	STD. MOUNT XL
MOUNT REMARKS	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 22.375-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 6814-008

V-RMS 67.86%  
H-RMS 68.64%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.18	0.64	90	0.68	0.63	180	0.94	1.00	270	0.55	0.77
5	0.18	0.60	95	0.70	0.52	185	0.92	0.97	275	0.51	0.74
10	0.18	0.56	100	0.72	0.40	190	0.89	0.94	280	0.46	0.70
15	0.19	0.51	105	0.77	0.36	195	0.87	0.91	285	0.43	0.64
20	0.20	0.46	110	0.82	0.32	200	0.85	0.88	290	0.40	0.58
25	0.23	0.42	115	0.86	0.40	205	0.85	0.82	295	0.37	0.52
30	0.26	0.37	120	0.90	0.48	210	0.84	0.76	300	0.34	0.46
35	0.30	0.40	125	0.93	0.58	215	0.85	0.68	305	0.30	0.50
40	0.34	0.42	130	0.96	0.68	220	0.85	0.60	310	0.26	0.54
45	0.40	0.49	135	0.98	0.76	225	0.87	0.52	315	0.23	0.58
50	0.46	0.56	140	0.99	0.83	230	0.89	0.44	320	0.20	0.62
55	0.53	0.67	145	1.00	0.88	235	0.89	0.45	325	0.19	0.65
60	0.60	0.77	150	1.00	0.92	240	0.88	0.45	330	0.17	0.68
65	0.63	0.82	155	1.00	0.94	245	0.85	0.54	335	0.17	0.69
70	0.66	0.84	160	1.00	0.96	250	0.82	0.62	340	0.17	0.69
75	0.67	0.83	165	0.99	0.98	255	0.75	0.69	345	0.17	0.69
80	0.68	0.82	170	0.98	1.00	260	0.68	0.75	350	0.17	0.68
85	0.68	0.75	175	0.96	1.00	265	0.62	0.76	355	0.18	0.66