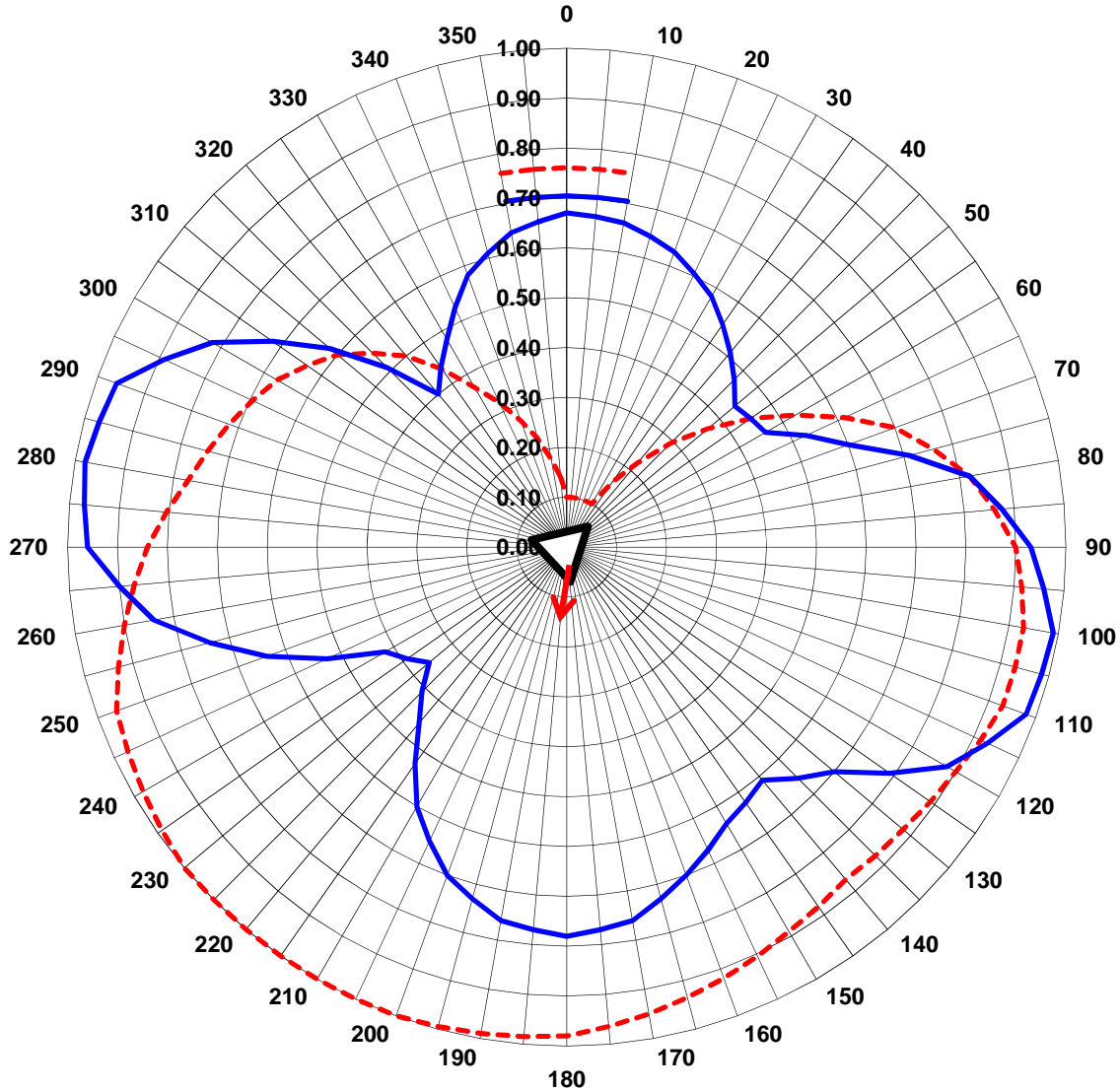


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

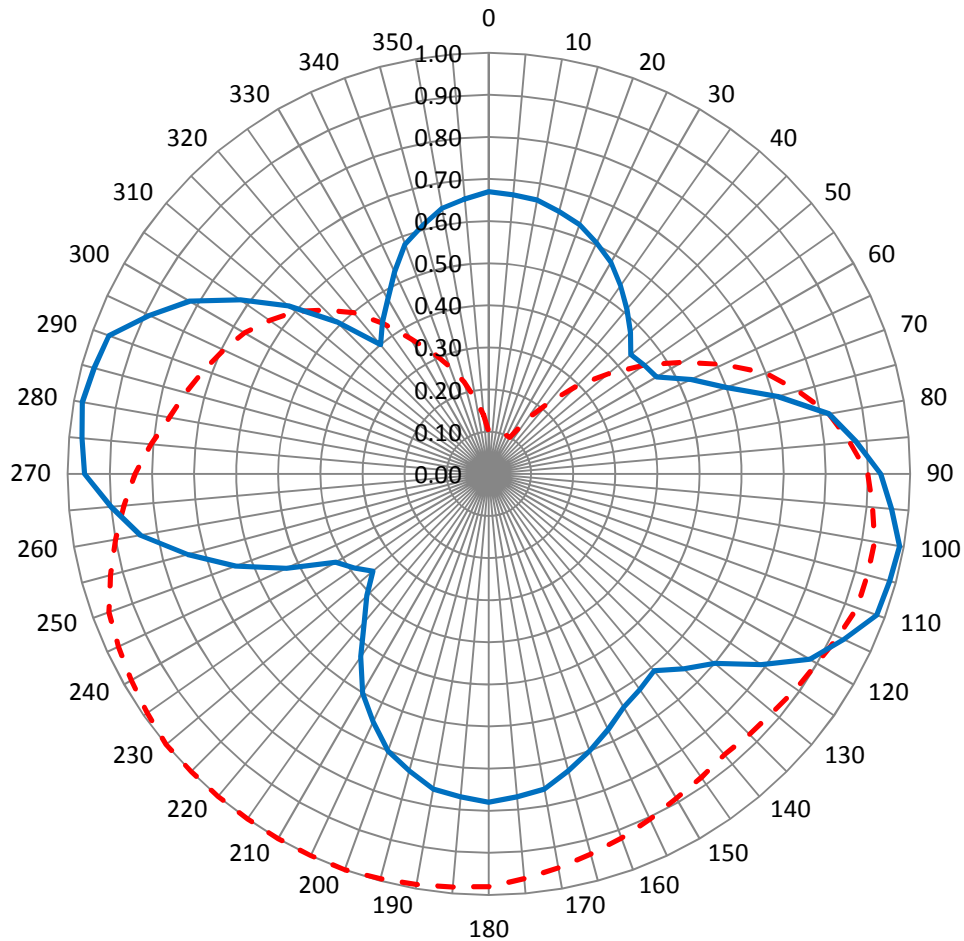
**VERTICAL RMS: 76.04%**

**HORIZONTAL RMS: 70.41%**

PATTERN NUMBER	6810-044
FREQUENCY:	LOW FREQ
ANTENNA AZIMUTH	195-DEGREES
TOWER	CENTRAL 36
MOUNT STYLE	LEG MT
DISTANCE FROM TOWER	STD. MOUNT
MOUNT REMARKS	MT ROTATED 30-D CW

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 6810-044

V-RMS 76.04%  
H-RMS 70.41%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.10	0.67	90	0.90	0.93	180	0.98	0.78	270	0.84	0.96
5	0.10	0.67	95	0.92	0.96	185	0.99	0.77	275	0.81	0.97
10	0.10	0.66	100	0.93	0.99	190	0.99	0.76	280	0.77	0.98
15	0.10	0.65	105	0.93	0.99	195	1.00	0.73	285	0.75	0.97
20	0.10	0.63	110	0.93	0.98	200	1.00	0.70	290	0.72	0.96
25	0.10	0.61	115	0.92	0.93	205	1.00	0.65	295	0.70	0.89
30	0.10	0.58	120	0.90	0.88	210	1.00	0.60	300	0.67	0.82
35	0.16	0.55	125	0.89	0.79	215	1.00	0.53	305	0.64	0.72
40	0.22	0.51	130	0.88	0.70	220	1.00	0.46	310	0.60	0.62
45	0.30	0.48	135	0.88	0.66	225	1.00	0.41	315	0.55	0.51
50	0.37	0.44	140	0.87	0.61	230	1.00	0.36	320	0.50	0.40
55	0.45	0.45	145	0.88	0.63	235	0.99	0.39	325	0.44	0.44
60	0.53	0.46	150	0.89	0.64	240	0.98	0.42	330	0.37	0.48
65	0.62	0.53	155	0.91	0.67	245	0.97	0.53	335	0.32	0.53
70	0.70	0.60	160	0.92	0.70	250	0.96	0.64	340	0.27	0.58
75	0.76	0.71	165	0.94	0.73	255	0.93	0.74	345	0.23	0.61
80	0.82	0.82	170	0.95	0.76	260	0.90	0.84	350	0.18	0.64
85	0.86	0.88	175	0.97	0.77	265	0.87	0.90	355	0.14	0.66