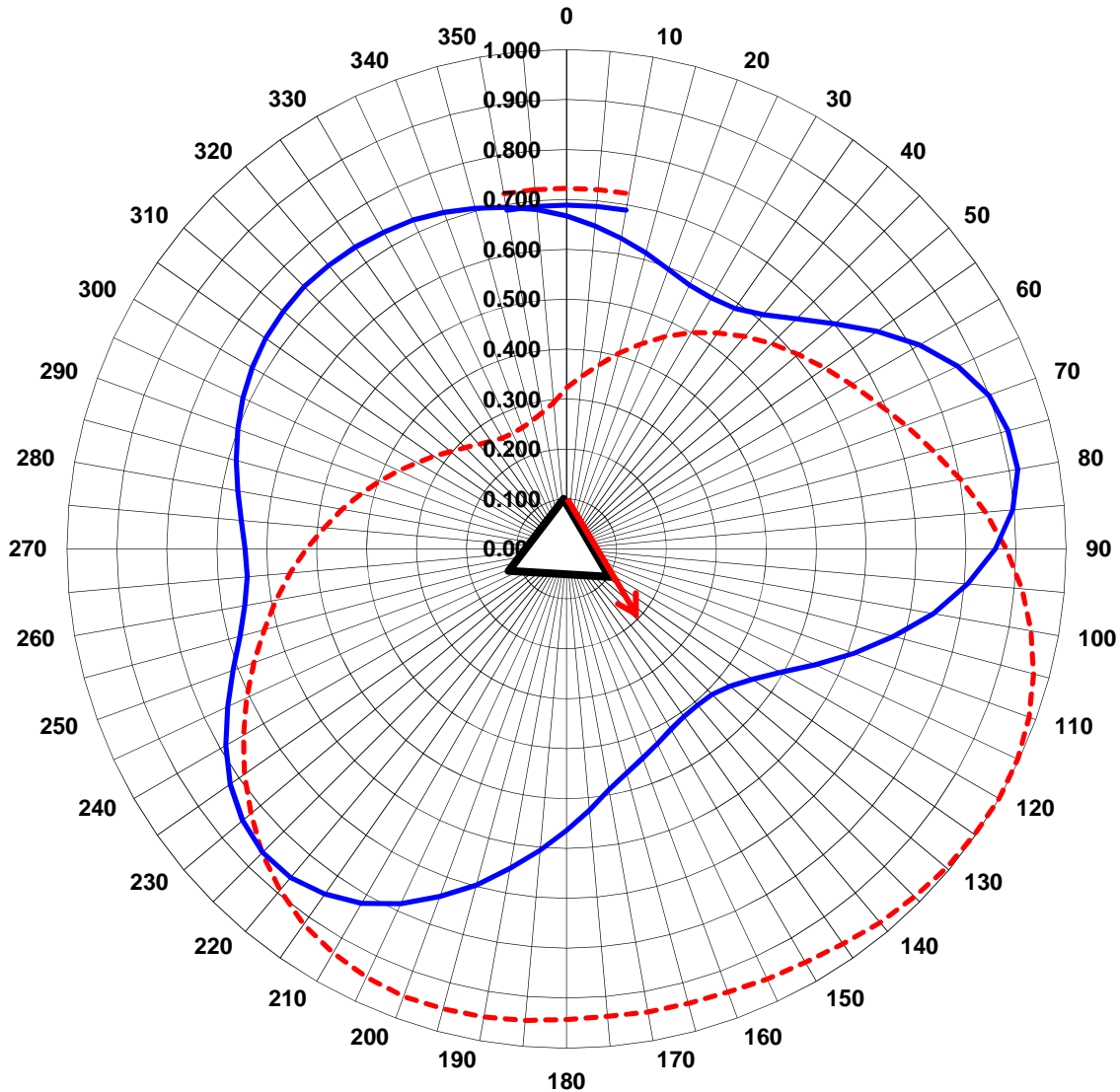


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

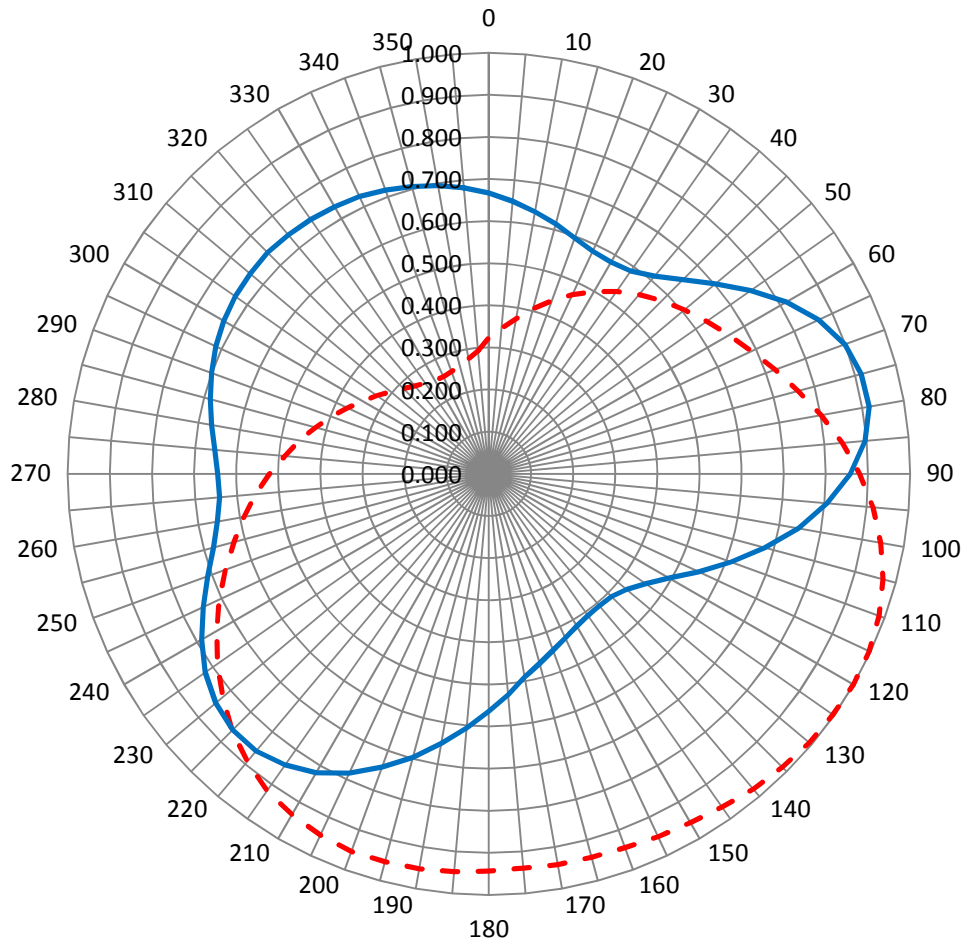
**VERTICAL RMS: 72.21%**

**HORIZONTAL RMS: 68.87%**

PATTERN NUMBER	6810-005
FREQUENCY:	MID BAND
ANTENNA AZIMUTH	149-Degrees
TOWER	UTILITY 340
MOUNT STYLE	PICK-UP 2-LEG
DISTANCE FROM TOWER	STD. MOUNT
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 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 6810-005

V-RMS 72.21%  
H-RMS 68.87%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.32	0.67	90	0.88	0.86	180	0.94	0.56	270	0.52	0.64
5	0.35	0.65	95	0.92	0.81	185	0.95	0.61	275	0.49	0.65
10	0.37	0.63	100	0.94	0.75	190	0.95	0.65	280	0.46	0.67
15	0.41	0.61	105	0.97	0.68	195	0.95	0.70	285	0.43	0.68
20	0.44	0.60	110	0.99	0.61	200	0.95	0.74	290	0.40	0.70
25	0.47	0.58	115	1.00	0.55	205	0.95	0.78	295	0.37	0.72
30	0.50	0.58	120	1.00	0.49	210	0.93	0.82	300	0.35	0.73
35	0.53	0.59	125	1.00	0.45	215	0.92	0.84	305	0.32	0.74
40	0.56	0.61	130	0.99	0.43	220	0.89	0.86	310	0.30	0.74
45	0.58	0.65	135	0.99	0.41	225	0.86	0.86	315	0.29	0.74
50	0.61	0.70	140	0.98	0.41	230	0.82	0.85	320	0.27	0.74
55	0.63	0.76	145	0.97	0.41	235	0.79	0.82	325	0.26	0.74
60	0.66	0.82	150	0.96	0.42	240	0.75	0.79	330	0.26	0.73
65	0.69	0.87	155	0.95	0.43	245	0.71	0.75	335	0.25	0.73
70	0.72	0.90	160	0.94	0.45	250	0.67	0.71	340	0.26	0.72
75	0.76	0.91	165	0.94	0.47	255	0.63	0.68	345	0.27	0.71
80	0.80	0.92	170	0.94	0.49	260	0.59	0.65	350	0.28	0.69
85	0.84	0.90	175	0.94	0.53	265	0.56	0.64	355	0.29	0.68