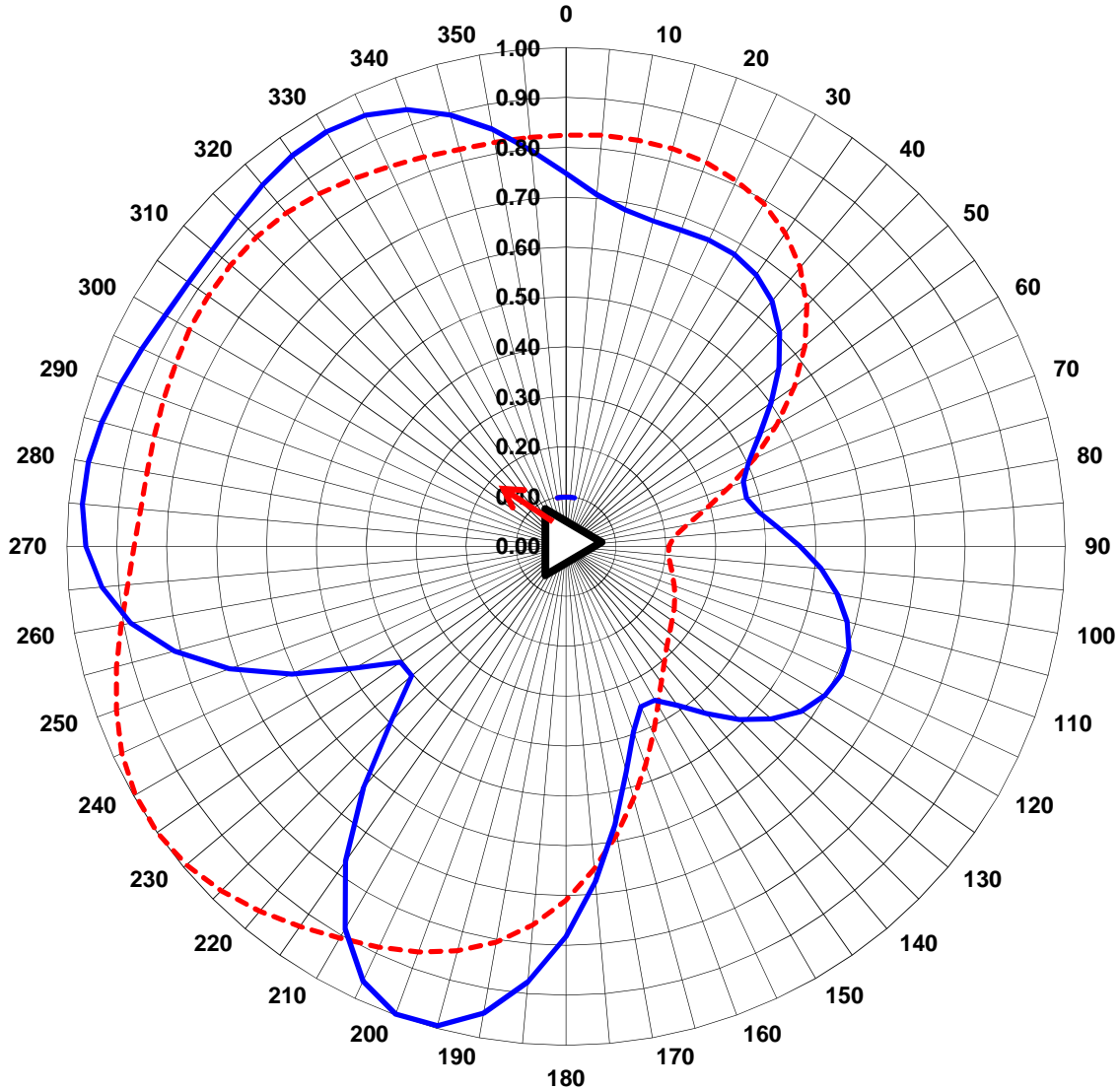


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

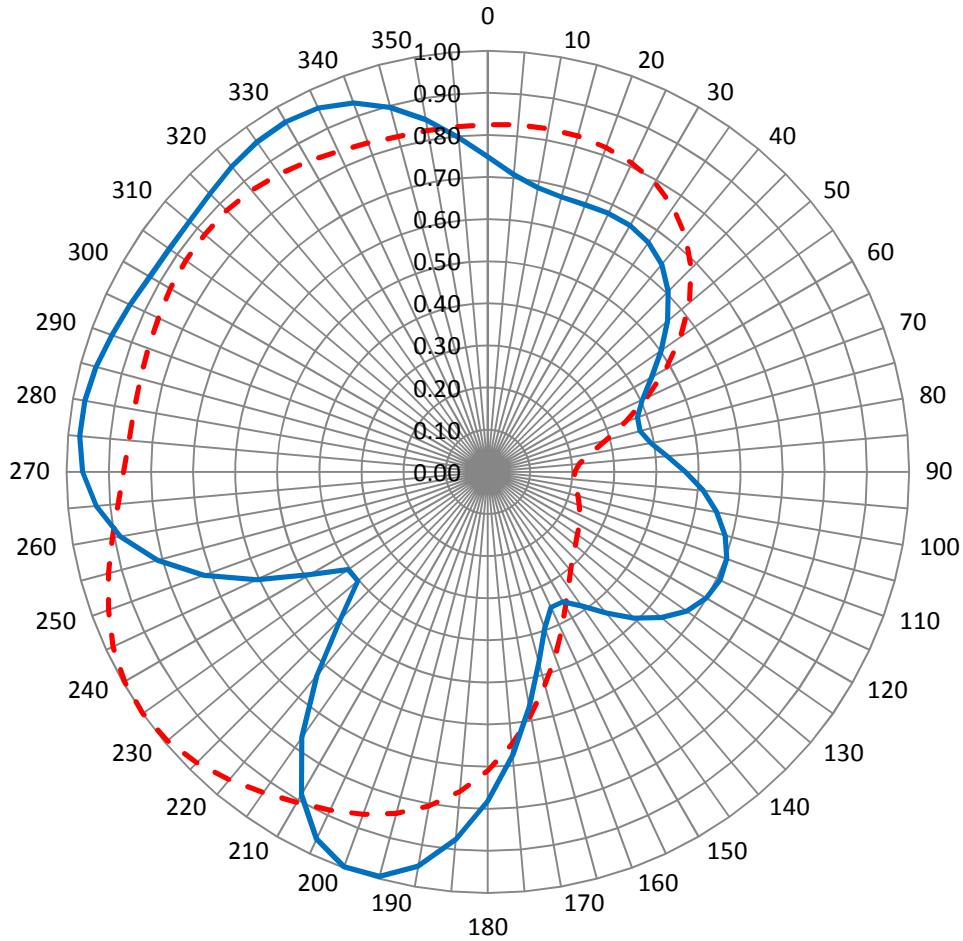
**VERTICAL RMS: 72.69%**

**HORIZONTAL RMS: 72.23%**

PATTERN NUMBER 6810-017  
 FREQUENCY: HIGH BAND  
 ANTENNA AZIMUTH 292-DEGREES  
 TOWER CENTRAL 42  
 MOUNT STYLE LEG MOUNT  
 DISTANCE FROM TOWER STD. MOUNT XL  
 REMARKS: MOUNTS ROTATED 30-DEGREES CCW

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 6810-017

**V-RMS** 9.91%  
**H-RMS** 9.88%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.82	0.75	90	0.21	0.47	180	0.71	0.78	270	0.87	0.96
5	0.83	0.71	95	0.21	0.51	185	0.76	0.88	275	0.86	0.97
10	0.83	0.69	100	0.21	0.55	190	0.81	0.95	280	0.85	0.97
15	0.83	0.68	105	0.22	0.58	195	0.84	0.99	285	0.85	0.96
20	0.82	0.68	110	0.23	0.60	200	0.87	1.00	290	0.86	0.95
25	0.81	0.68	115	0.24	0.61	205	0.89	0.96	295	0.86	0.94
30	0.79	0.68	120	0.25	0.60	210	0.91	0.89	300	0.87	0.93
35	0.77	0.66	125	0.26	0.58	215	0.93	0.77	305	0.88	0.92
40	0.73	0.64	130	0.27	0.54	220	0.95	0.63	310	0.88	0.92
45	0.68	0.61	135	0.29	0.49	225	0.98	0.50	315	0.88	0.93
50	0.62	0.56	140	0.31	0.44	230	0.99	0.40	320	0.87	0.95
55	0.56	0.50	145	0.33	0.39	235	1.00	0.40	325	0.86	0.96
60	0.49	0.45	150	0.37	0.36	240	1.00	0.49	330	0.85	0.96
65	0.42	0.40	155	0.41	0.35	245	0.98	0.61	335	0.84	0.95
70	0.35	0.38	160	0.47	0.40	250	0.96	0.72	340	0.83	0.93
75	0.29	0.37	165	0.52	0.47	255	0.93	0.81	345	0.82	0.90
80	0.25	0.39	170	0.59	0.57	260	0.91	0.89	350	0.82	0.85
85	0.22	0.43	175	0.65	0.67	265	0.88	0.93	355	0.82	0.80