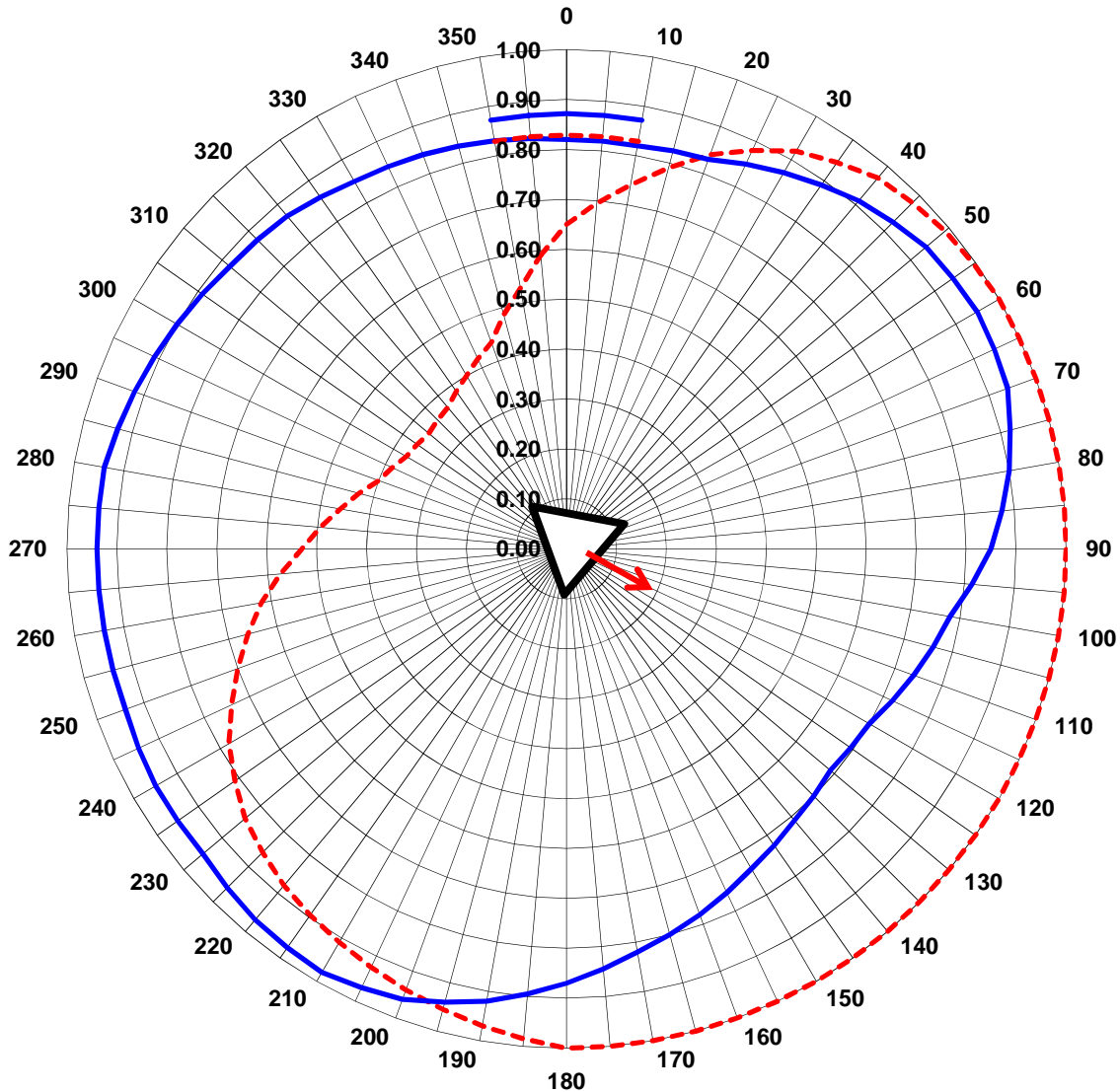


SHIVELY LABS SAMPLE PATTERN



6810 ANTENNA with VERTICAL PARASITICS

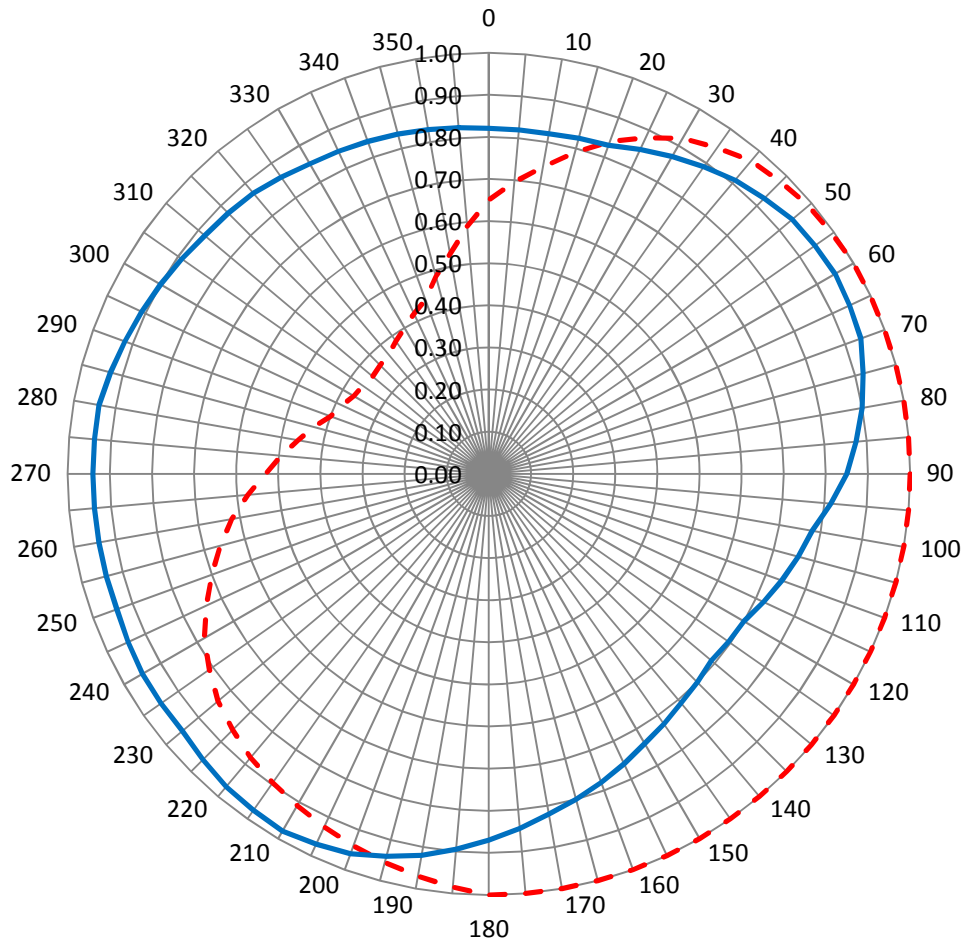
VERTICAL RMS: 82.89%

HORIZONTAL RMS: 87.15%

PATTERN NUMBER	6810-034
FREQUENCY:	HIGH BAND
ANTENNA AZIMUTH	132-DEGREES
TOWER	PI-ROD 24
MOUNT STYLE	FACE MT
DISTANCE FROM TOWER	STD MT SM
MOUNT REMARKS	N/A

[This is a custom 6810 Antenna](#)
[This antenna has Vertical parasitics](#)
 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 6810-034

V-RMS 82.89%
H-RMS 87.15%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.65	0.82	90	1.00	0.85	180	1.00	0.87	270	0.53	0.94
5	0.70	0.82	95	1.00	0.82	185	0.99	0.90	275	0.50	0.94
10	0.74	0.82	100	1.00	0.78	190	0.97	0.92	280	0.46	0.94
15	0.79	0.83	105	1.00	0.76	195	0.96	0.94	285	0.43	0.93
20	0.84	0.83	110	1.00	0.74	200	0.94	0.96	290	0.40	0.92
25	0.88	0.85	115	1.00	0.72	205	0.93	0.97	295	0.39	0.91
30	0.92	0.87	120	1.00	0.70	210	0.91	0.98	300	0.37	0.90
35	0.95	0.89	125	1.00	0.70	215	0.90	0.98	305	0.37	0.89
40	0.97	0.91	130	1.00	0.69	220	0.88	0.97	310	0.36	0.88
45	0.98	0.93	135	1.00	0.70	225	0.86	0.96	315	0.37	0.88
50	0.99	0.94	140	1.00	0.71	230	0.84	0.95	320	0.37	0.87
55	1.00	0.95	145	1.00	0.73	235	0.81	0.95	325	0.39	0.86
60	1.00	0.95	150	1.00	0.74	240	0.78	0.95	330	0.40	0.85
65	1.00	0.95	155	1.00	0.76	245	0.74	0.95	335	0.42	0.85
70	1.00	0.94	160	1.00	0.78	250	0.70	0.94	340	0.44	0.84
75	1.00	0.92	165	1.00	0.80	255	0.66	0.94	345	0.49	0.84
80	1.00	0.90	170	1.00	0.82	260	0.62	0.94	350	0.53	0.83
85	1.00	0.88	175	1.00	0.85	265	0.58	0.94	355	0.59	0.83