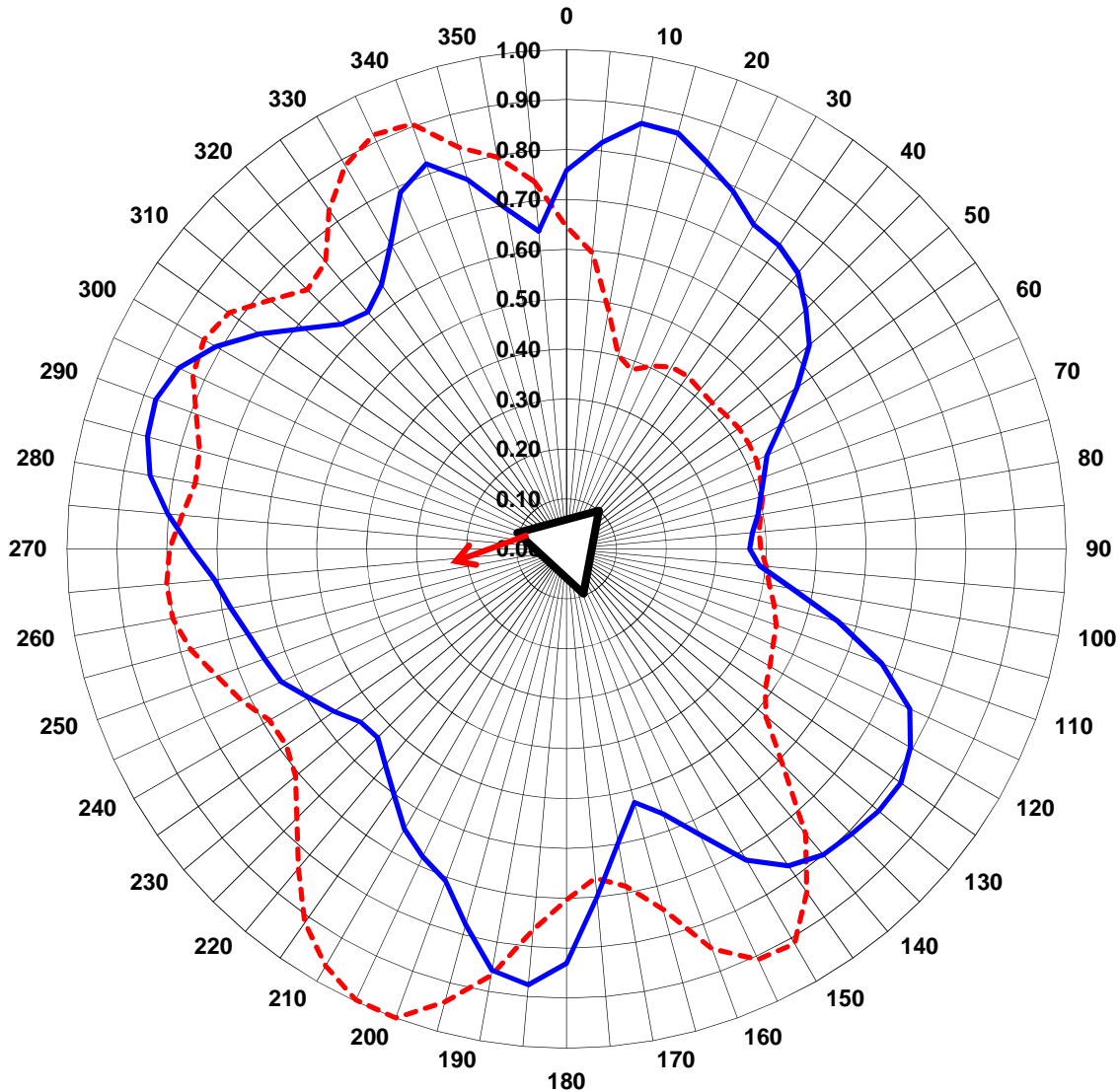


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

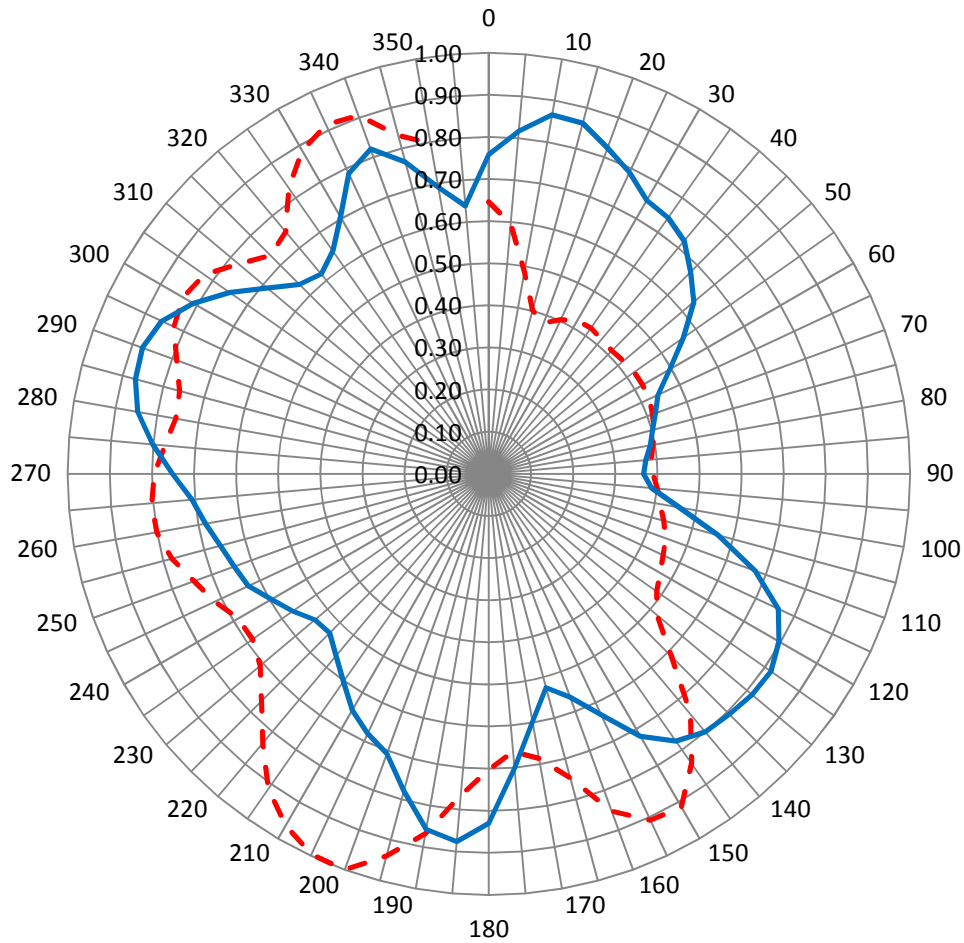
**VERTICAL RMS: 69.46%**

**HORIZONTAL RMS: 69.37%**

PATTERN NUMBER	6810-006
FREQUENCY:	MID BAND
ANTENNA AZIMUTH	242-Degrees
TOWER	STAINLESS G-12
MOUNT STYLE	LEG
MOUNT REMARKS	MOUNT ROTATED 30*
DISTANCE FROM TOWER	48-inches

**This is a custom mount**  
 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 6810-006

V-RMS 69.46%  
H-RMS 69.37%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.65	0.76	90	0.39	0.37	180	0.70	0.83	270	0.79	0.75
5	0.60	0.82	95	0.40	0.39	185	0.77	0.88	275	0.77	0.80
10	0.49	0.87	100	0.41	0.46	190	0.87	0.86	280	0.76	0.85
15	0.40	0.86	105	0.43	0.56	195	0.94	0.78	285	0.76	0.87
20	0.38	0.82	110	0.45	0.67	200	1.00	0.71	290	0.79	0.88
25	0.40	0.79	115	0.46	0.76	205	1.00	0.68	295	0.82	0.86
30	0.42	0.75	120	0.47	0.80	210	0.96	0.65	300	0.84	0.81
35	0.42	0.74	125	0.49	0.82	215	0.91	0.60	305	0.82	0.75
40	0.42	0.72	130	0.52	0.82	220	0.84	0.56	310	0.78	0.69
45	0.41	0.68	135	0.61	0.81	225	0.76	0.53	315	0.73	0.64
50	0.42	0.64	140	0.75	0.80	230	0.71	0.54	320	0.75	0.62
55	0.42	0.56	145	0.84	0.77	235	0.69	0.57	325	0.83	0.65
60	0.42	0.50	150	0.91	0.72	240	0.69	0.60	330	0.89	0.70
65	0.42	0.44	155	0.91	0.63	245	0.72	0.63	335	0.91	0.79
70	0.41	0.42	160	0.85	0.56	250	0.74	0.64	340	0.91	0.82
75	0.41	0.40	165	0.75	0.53	255	0.78	0.66	345	0.83	0.77
80	0.40	0.39	170	0.69	0.60	260	0.80	0.68	350	0.80	0.69
85	0.39	0.37	175	0.66	0.70	265	0.80	0.71	355	0.74	0.64