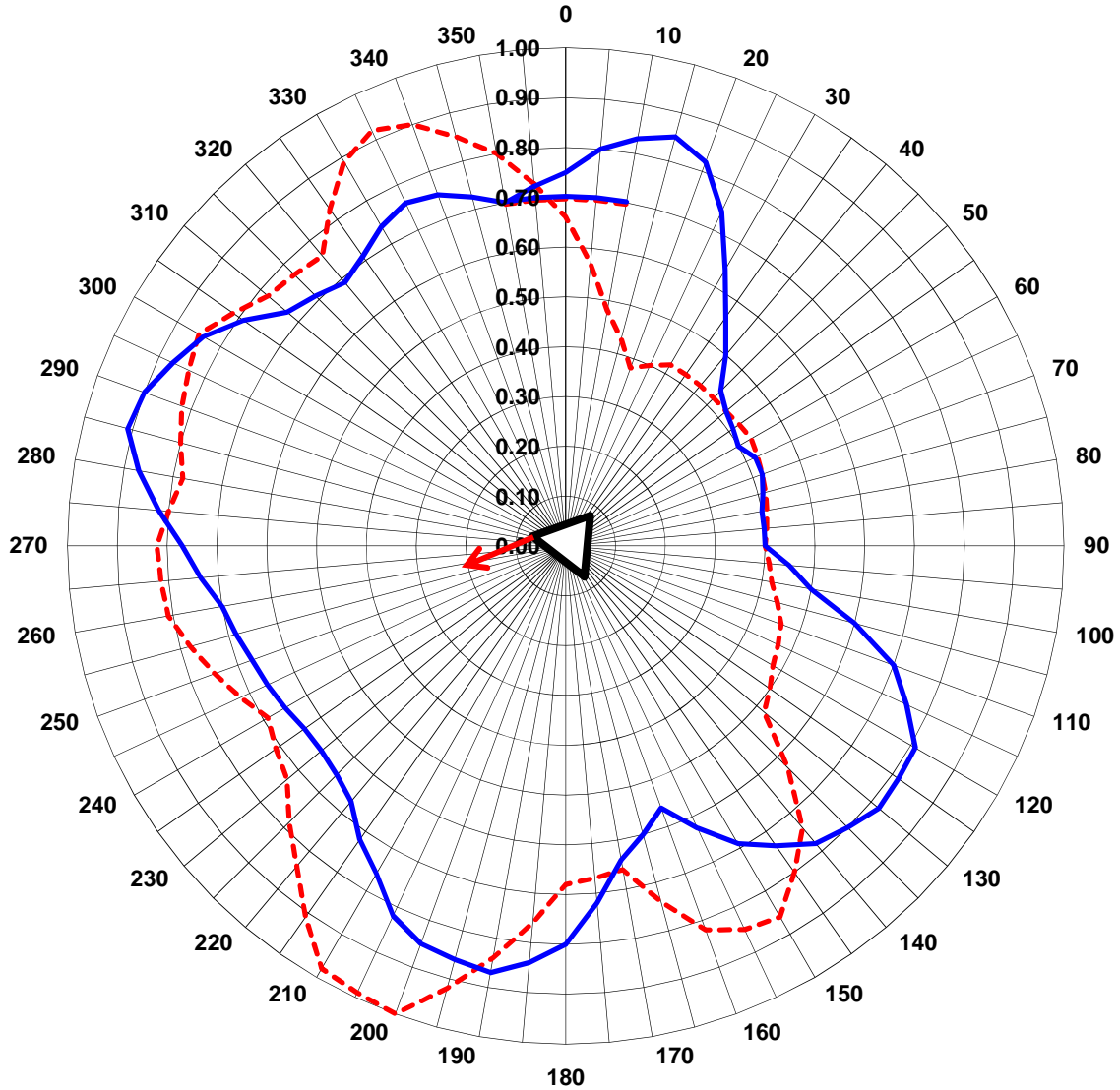


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

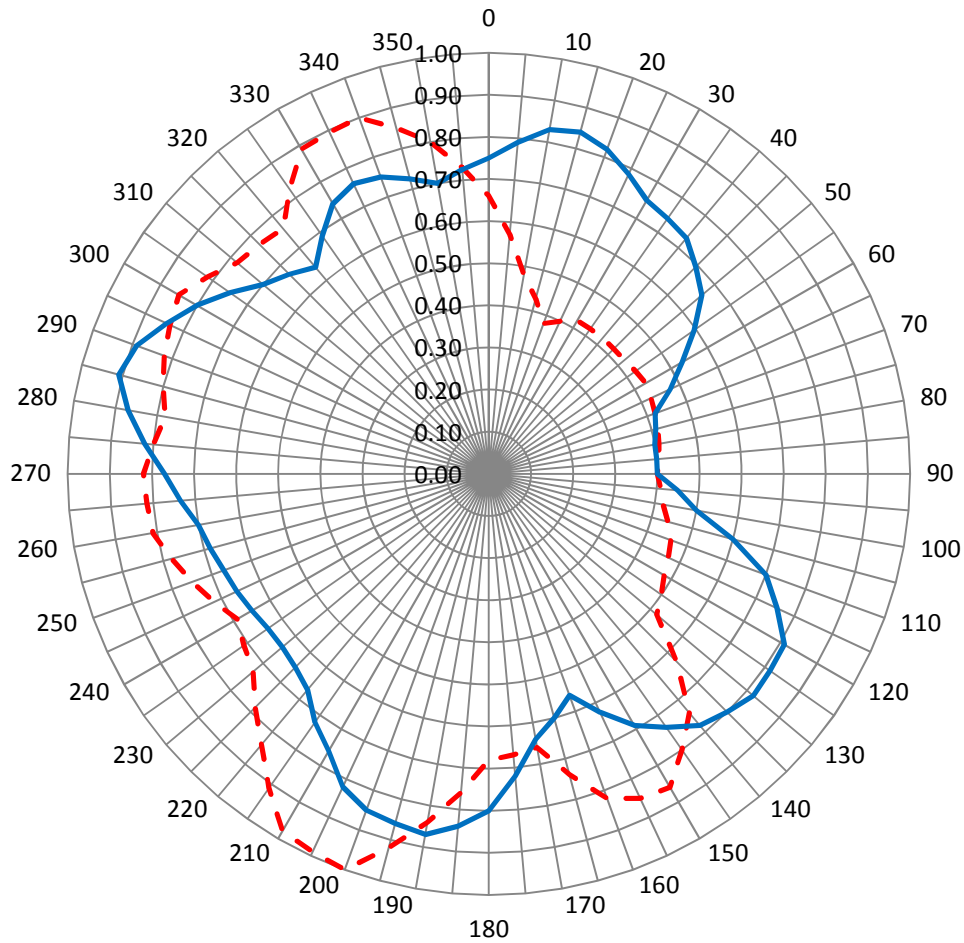
**VERTICAL RMS: 69.67%**

**HORIZONTAL RMS: 70.17%**

PATTERN NUMBER	6810-049
FREQUENCY:	LOW BAND
ANTENNA AZIMUTH	242-DEGREES
TOWER	12-FT FACE
MOUNT STYLE	LEG MT
DISTANCE FROM TOWER	46-INCHES
MOUNT REMARKS:	MT'S ROTATED 30-DGRS CCW

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 6810-049

V-RMS 69.62%  
H-RMS 71.38%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.66	0.75	90	0.40	0.40	180	0.68	0.80	270	0.82	0.77
5	0.57	0.79	95	0.41	0.45	185	0.76	0.84	275	0.80	0.82
10	0.48	0.83	100	0.42	0.50	190	0.84	0.87	280	0.78	0.87
15	0.43	0.84	105	0.44	0.60	195	0.92	0.86	285	0.80	0.91
20	0.38	0.82	110	0.46	0.70	200	1.00	0.85	290	0.82	0.89
25	0.40	0.79	115	0.47	0.76	205	0.99	0.82	295	0.84	0.85
30	0.42	0.75	120	0.48	0.81	210	0.98	0.76	300	0.85	0.80
35	0.42	0.74	125	0.50	0.82	215	0.91	0.72	305	0.82	0.75
40	0.42	0.73	130	0.52	0.82	220	0.84	0.67	310	0.78	0.70
45	0.42	0.70	135	0.63	0.80	225	0.79	0.65	315	0.77	0.67
50	0.42	0.66	140	0.74	0.78	230	0.73	0.64	320	0.76	0.64
55	0.43	0.60	145	0.80	0.74	235	0.71	0.64	325	0.83	0.69
60	0.43	0.53	150	0.86	0.69	240	0.69	0.65	330	0.89	0.74
65	0.43	0.48	155	0.85	0.63	245	0.72	0.66	335	0.90	0.76
70	0.42	0.42	160	0.82	0.56	250	0.75	0.67	340	0.90	0.75
75	0.42	0.41	165	0.74	0.60	255	0.78	0.69	345	0.85	0.73
80	0.41	0.40	170	0.66	0.64	260	0.81	0.70	350	0.80	0.70
85	0.41	0.40	175	0.67	0.72	265	0.82	0.74	355	0.73	0.73