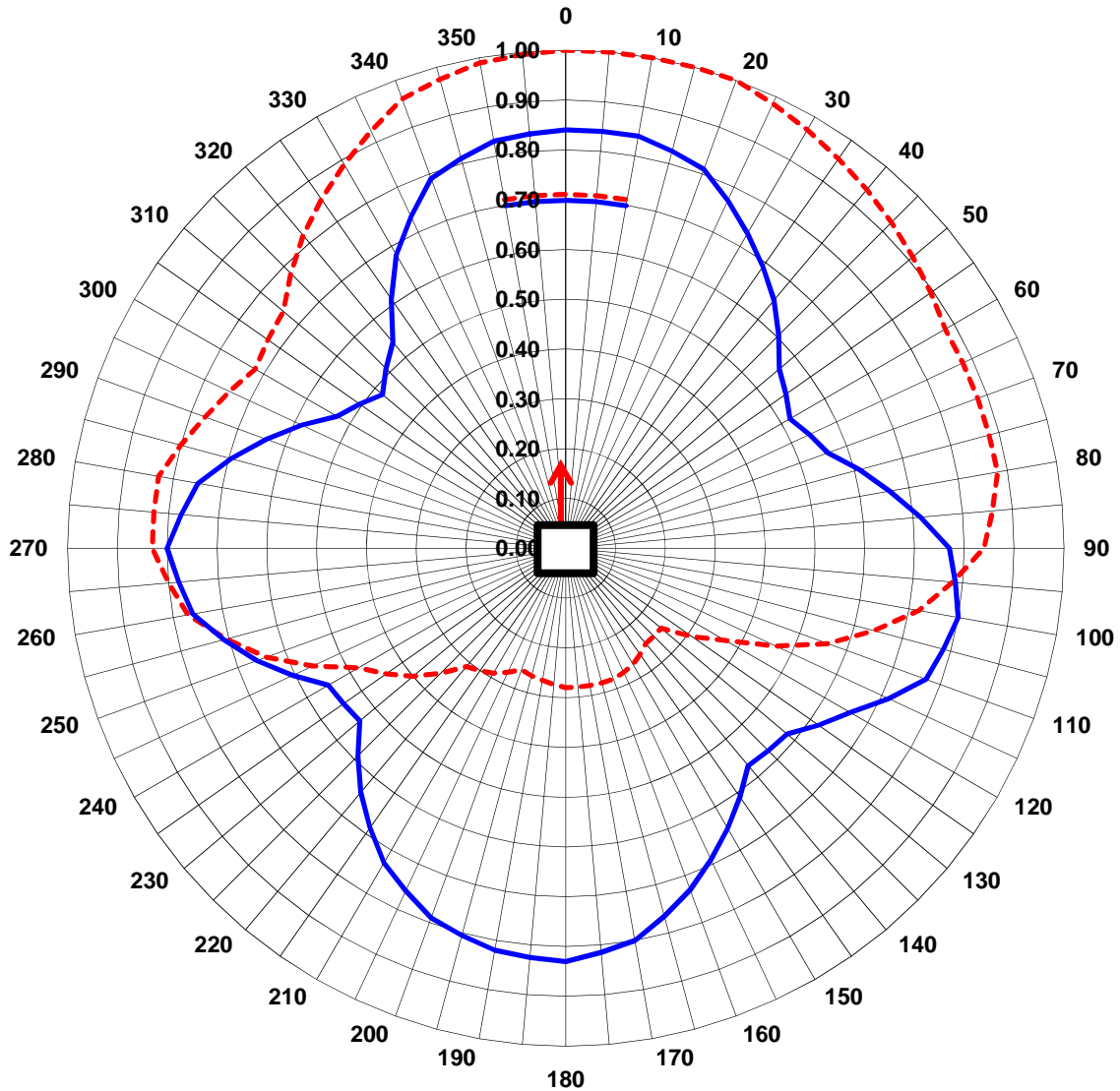


# SHIVELY LABS SAMPLE PATTERN



## 6814 ANTENNA

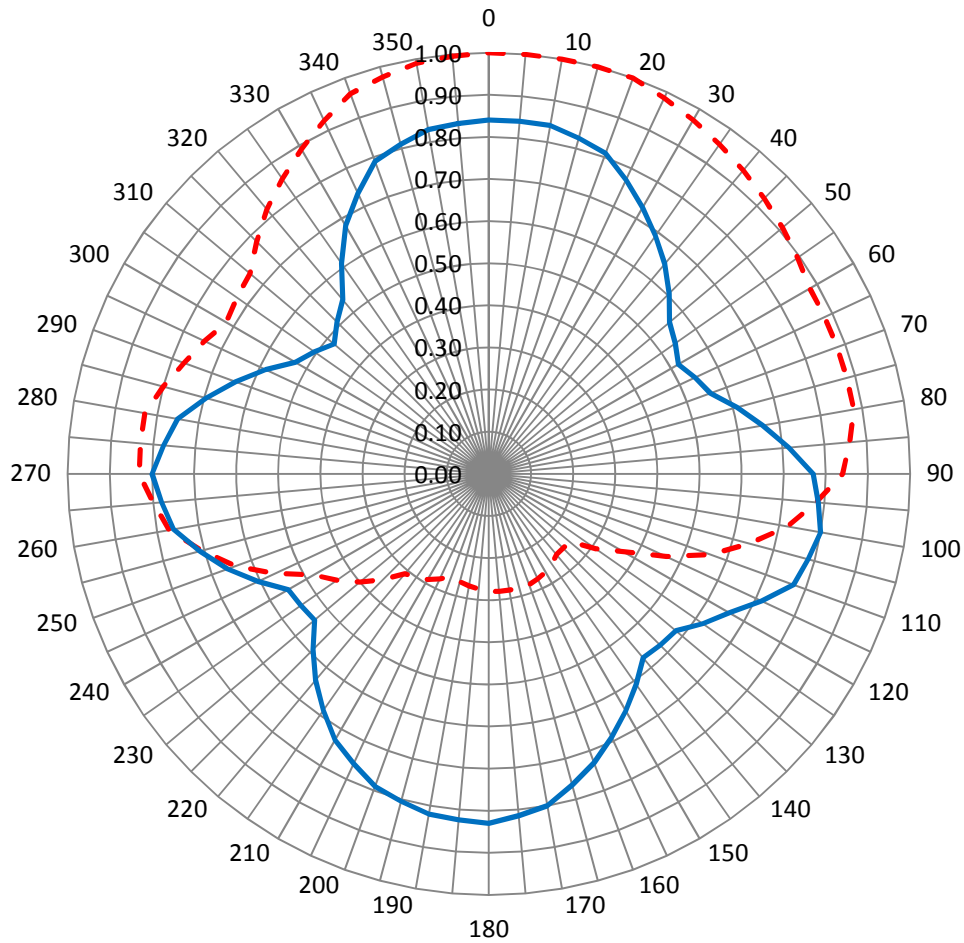
**VERTICAL RMS: 71.06%**

**HORIZONTAL RMS: 69.87%**

PATTERN NUMBER	6814-012
FREQUENCY:	LOW BAND
ANTENNA AZIMUTH	0-DEGREES
TOWER	SQ 1.2-METER
MOUNT STYLE	FACE MT
DISTANCE FROM TOWER	30-INCHES
MOUNT REMARKS	N/A

**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 6814-012

**V-RMS** 71.06%  
**H-RMS** 69.87%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	1.00	0.84	90	0.84	0.77	180	0.28	0.83	270	0.83	0.80
5	1.00	0.84	95	0.78	0.79	185	0.28	0.83	275	0.83	0.78
10	1.00	0.84	100	0.72	0.80	190	0.27	0.82	280	0.83	0.75
15	1.00	0.83	105	0.64	0.79	195	0.27	0.81	285	0.80	0.70
20	1.00	0.81	110	0.56	0.77	200	0.26	0.79	290	0.77	0.64
25	0.99	0.77	115	0.47	0.72	205	0.28	0.76	295	0.75	0.59
30	0.97	0.73	120	0.37	0.66	210	0.29	0.73	300	0.72	0.53
35	0.96	0.69	125	0.31	0.62	215	0.30	0.69	305	0.73	0.51
40	0.94	0.65	130	0.25	0.58	220	0.31	0.64	310	0.74	0.48
45	0.93	0.61	135	0.25	0.58	225	0.36	0.59	315	0.78	0.51
50	0.91	0.56	140	0.25	0.57	230	0.40	0.54	320	0.82	0.54
55	0.90	0.54	145	0.26	0.61	235	0.44	0.55	325	0.86	0.61
60	0.88	0.52	150	0.27	0.65	240	0.48	0.55	330	0.89	0.68
65	0.88	0.54	155	0.28	0.69	245	0.56	0.61	335	0.93	0.74
70	0.88	0.56	160	0.28	0.73	250	0.64	0.66	340	0.96	0.79
75	0.88	0.61	165	0.28	0.77	255	0.71	0.71	345	0.98	0.81
80	0.88	0.66	170	0.28	0.80	260	0.77	0.76	350	0.99	0.83
85	0.86	0.72	175	0.28	0.82	265	0.80	0.78	355	1.00	0.84