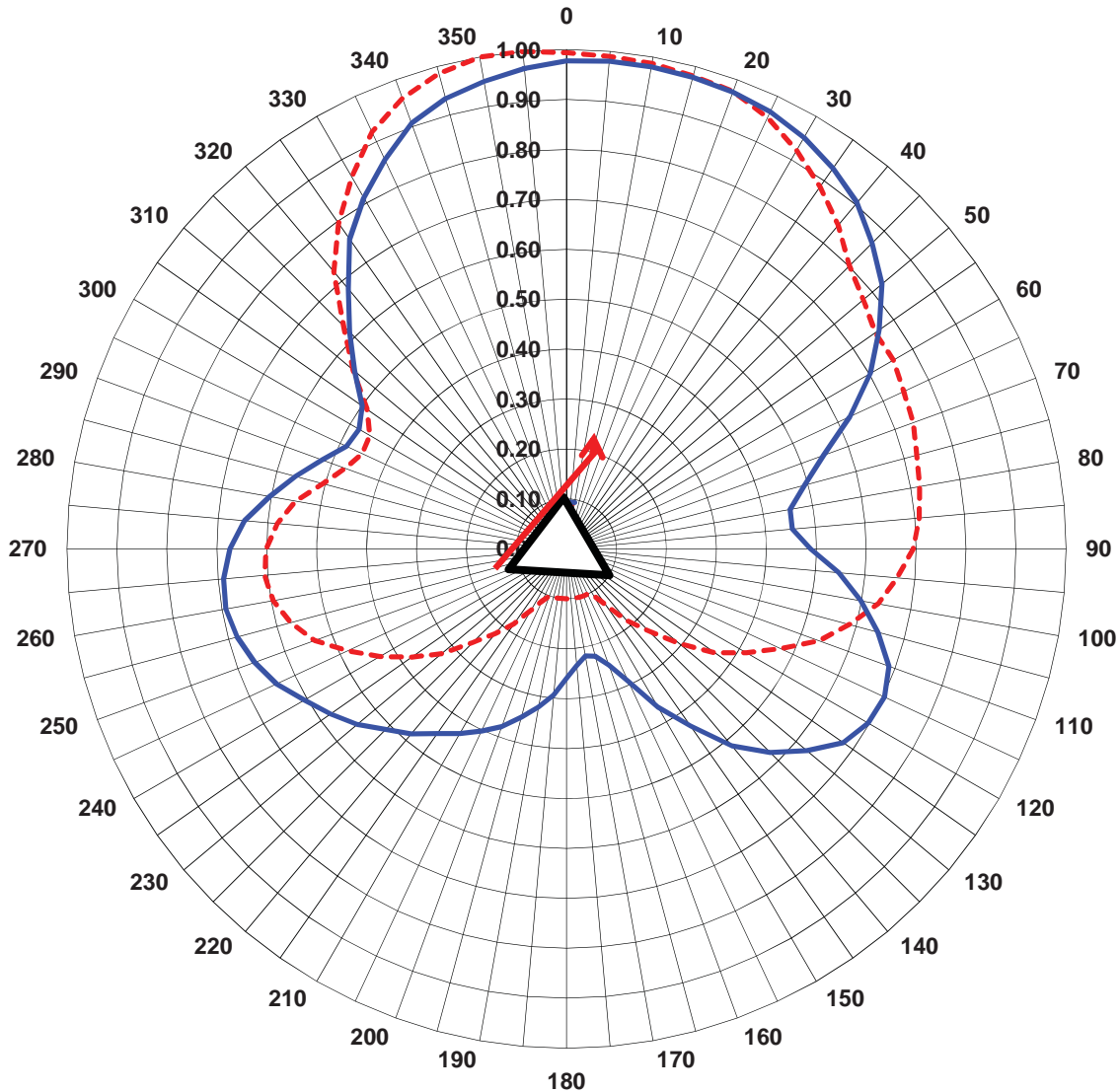


# SHIVELY LABS SAMPLE PATTERN



## 6813 ANTENNA

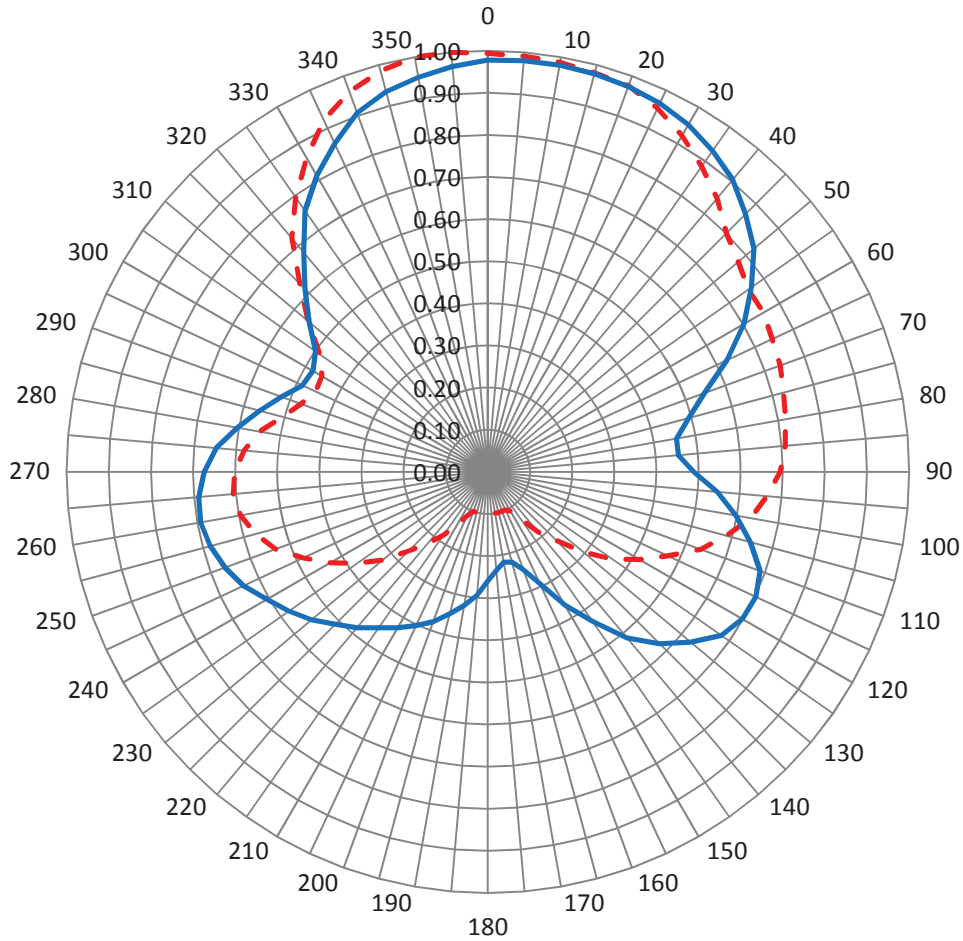
**VERTICAL RMS: 61.92%**

**HORIZONTAL RMS: 65.64%**

PATTERN NUMBER	6813-006
FREQUENCY:	LOW BAND
ANTENNA AZIMUTH	4-DEGREES
TOWER	42-IN FACE
MOUNT STYLE	PICKUP 2-LEG
DISTANCE FROM TOWER	STD. MOUNT
MOUNT REMARKS	BAY ROTATED 30* 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 17.5-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 6813-006

**V-RMS** 61.92%  
**H-RMS** 65.64%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.99	0.98	90	0.69	0.49	180	0.10	0.26	270	0.60	0.67
5	0.99	0.98	95	0.66	0.55	185	0.10	0.29	275	0.58	0.65
10	0.99	0.98	100	0.63	0.60	190	0.10	0.32	280	0.55	0.60
15	0.98	0.98	105	0.59	0.65	195	0.10	0.35	285	0.50	0.56
20	0.98	0.97	110	0.54	0.69	200	0.10	0.38	290	0.47	0.52
25	0.95	0.97	115	0.47	0.70	205	0.12	0.40	295	0.45	0.49
30	0.92	0.95	120	0.42	0.70	210	0.14	0.43	300	0.46	0.48
35	0.89	0.93	125	0.36	0.68	215	0.18	0.45	305	0.49	0.50
40	0.85	0.91	130	0.30	0.63	220	0.22	0.48	310	0.56	0.55
45	0.80	0.87	135	0.23	0.58	225	0.27	0.51	315	0.63	0.61
50	0.78	0.83	140	0.19	0.52	230	0.33	0.55	320	0.72	0.68
55	0.76	0.76	145	0.14	0.43	235	0.38	0.58	325	0.80	0.76
60	0.76	0.70	150	0.11	0.37	240	0.43	0.61	330	0.86	0.81
65	0.75	0.63	155	0.10	0.29	245	0.48	0.64	335	0.92	0.86
70	0.74	0.55	160	0.10	0.25	250	0.54	0.66	340	0.96	0.91
75	0.73	0.49	165	0.10	0.22	255	0.57	0.68	345	0.99	0.93
80	0.72	0.45	170	0.10	0.22	260	0.60	0.69	350	1.00	0.95
85	0.71	0.45	175	0.10	0.23	265	0.61	0.69	355	1.00	0.97