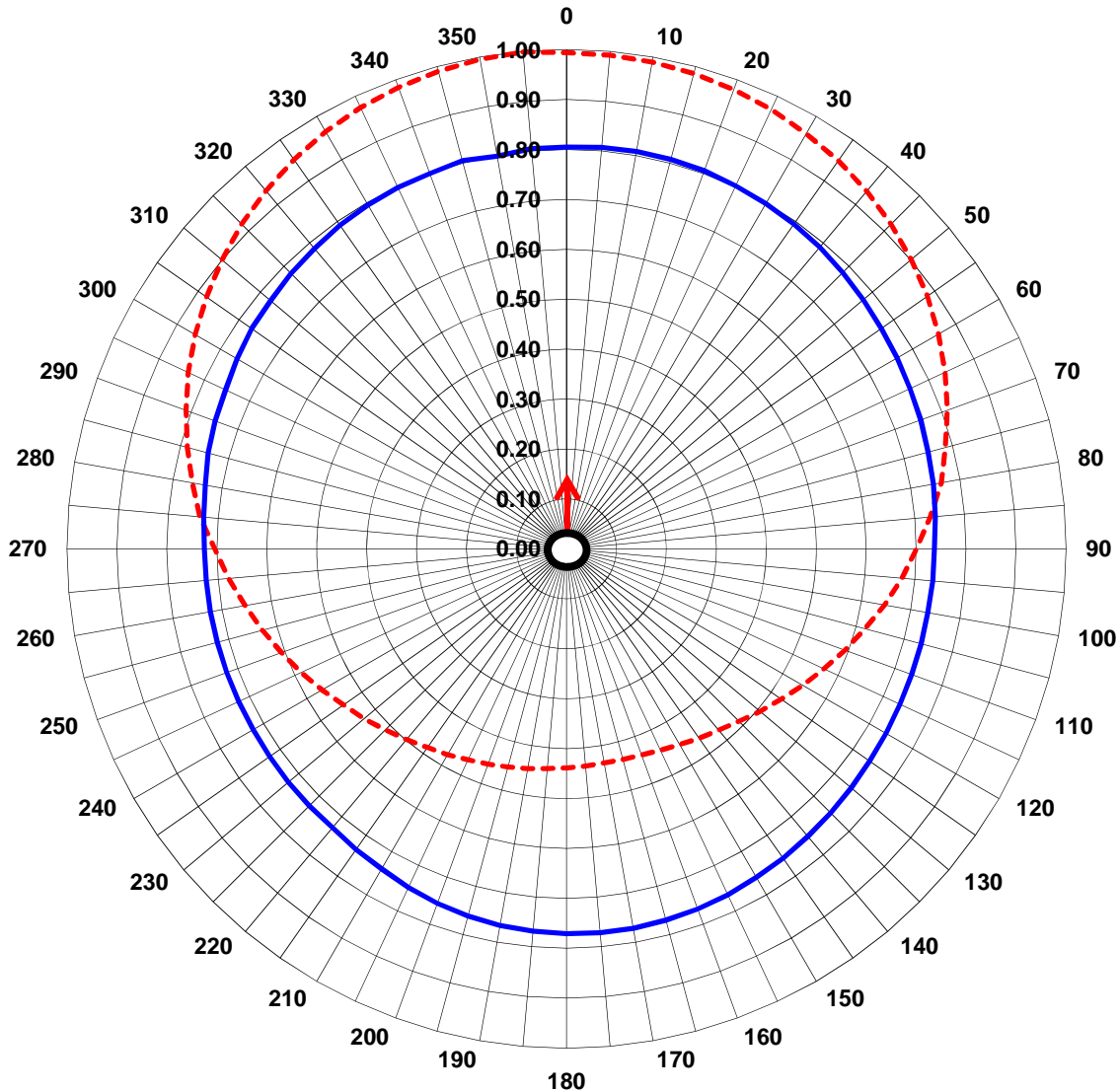


# SHIVELY LABS SAMPLE PATTERN



## 6813ANTENNA

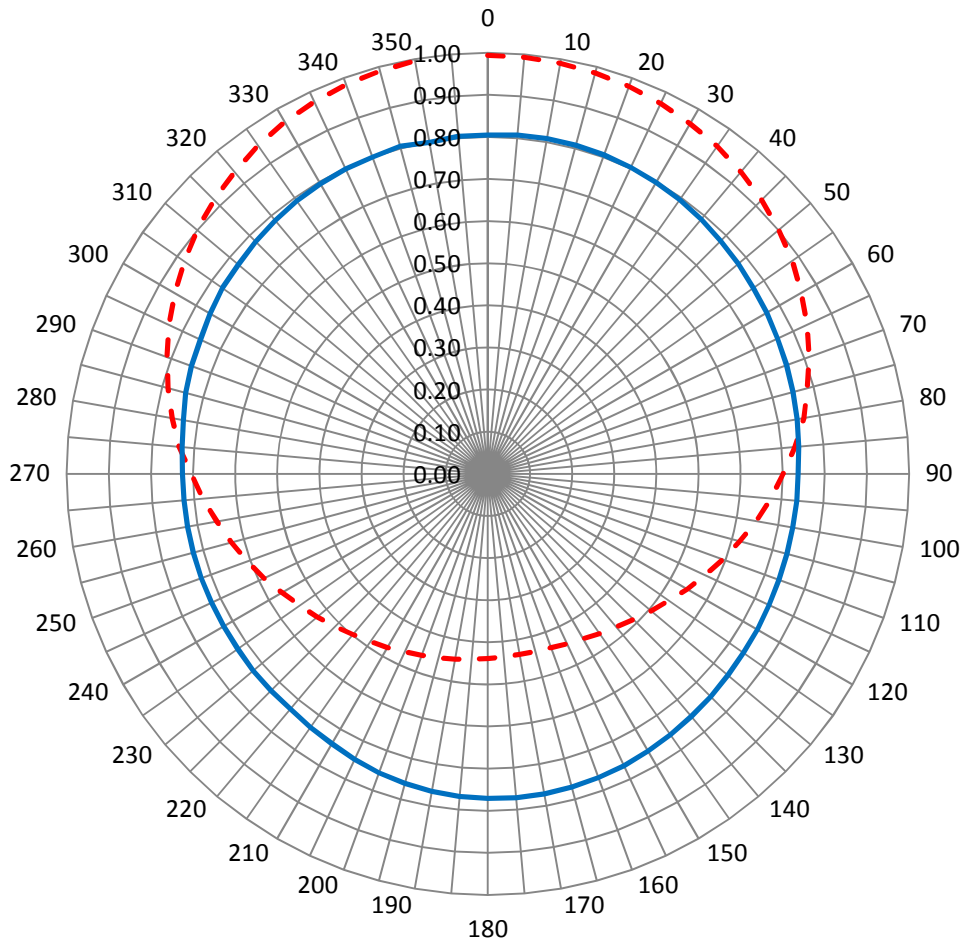
**VERTICAL RMS: 73.91%**

**HORIZONTAL RMS: 76.10%**

PATTERN NUMBER	6813-013
FREQUENCY:	HIGH BAND
ANTENNA AZIMUTH	0-Degrees
TOWER	POLE 6-INCH
MOUNT STYLE	CUSTOM MOUNT
MOUNT REMARKS	N/A
DISTANCE FROM TOWER	18-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 6813-013

V-RMS 73.91%  
H-RMS 76.10%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.99	0.80	90	0.70	0.74	180	0.44	0.77	270	0.70	0.73
5	0.99	0.81	95	0.67	0.74	185	0.44	0.77	275	0.74	0.73
10	0.99	0.81	100	0.65	0.73	190	0.45	0.77	280	0.76	0.73
15	0.99	0.81	105	0.62	0.73	195	0.45	0.76	285	0.79	0.74
20	0.98	0.81	110	0.59	0.74	200	0.46	0.76	290	0.81	0.75
25	0.97	0.80	115	0.57	0.74	205	0.47	0.75	295	0.84	0.75
30	0.96	0.80	120	0.55	0.74	210	0.48	0.74	300	0.86	0.76
35	0.95	0.79	125	0.52	0.74	215	0.49	0.74	305	0.88	0.77
40	0.94	0.79	130	0.51	0.74	220	0.50	0.73	310	0.90	0.77
45	0.92	0.78	135	0.49	0.75	225	0.51	0.73	315	0.92	0.78
50	0.90	0.78	140	0.47	0.75	230	0.53	0.73	320	0.94	0.79
55	0.88	0.77	145	0.46	0.76	235	0.54	0.73	325	0.95	0.79
60	0.86	0.76	150	0.45	0.76	240	0.56	0.72	330	0.96	0.80
65	0.84	0.76	155	0.45	0.76	245	0.59	0.72	335	0.98	0.80
70	0.81	0.75	160	0.44	0.77	250	0.61	0.72	340	0.98	0.80
75	0.79	0.75	165	0.44	0.77	255	0.63	0.72	345	0.99	0.81
80	0.76	0.75	170	0.44	0.77	260	0.65	0.72	350	1.00	0.80
85	0.73	0.74	175	0.44	0.77	265	0.68	0.72	355	1.00	0.80