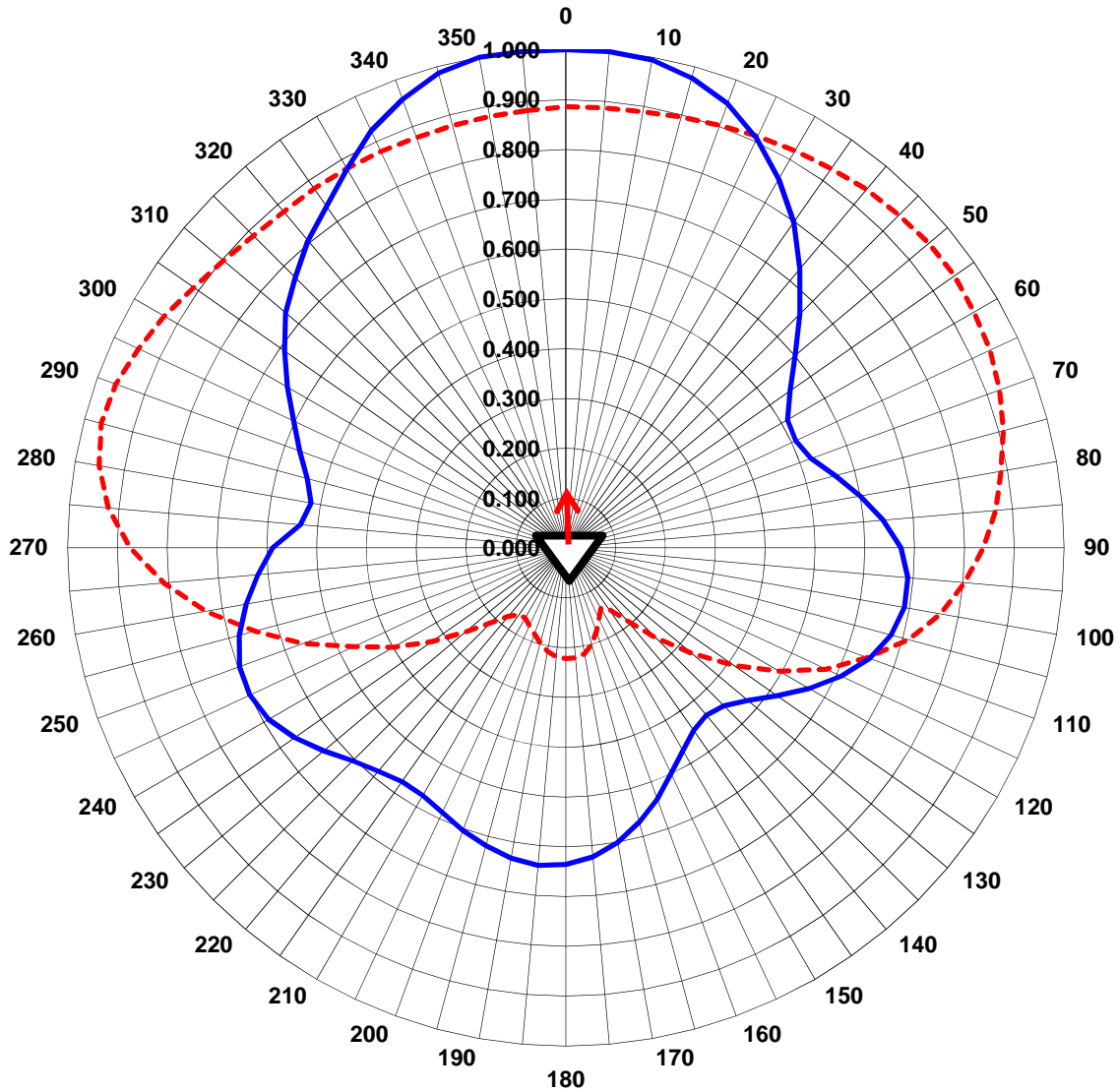


# SHIVELY LABS SAMPLE PATTERN



## 6813 ANTENNA

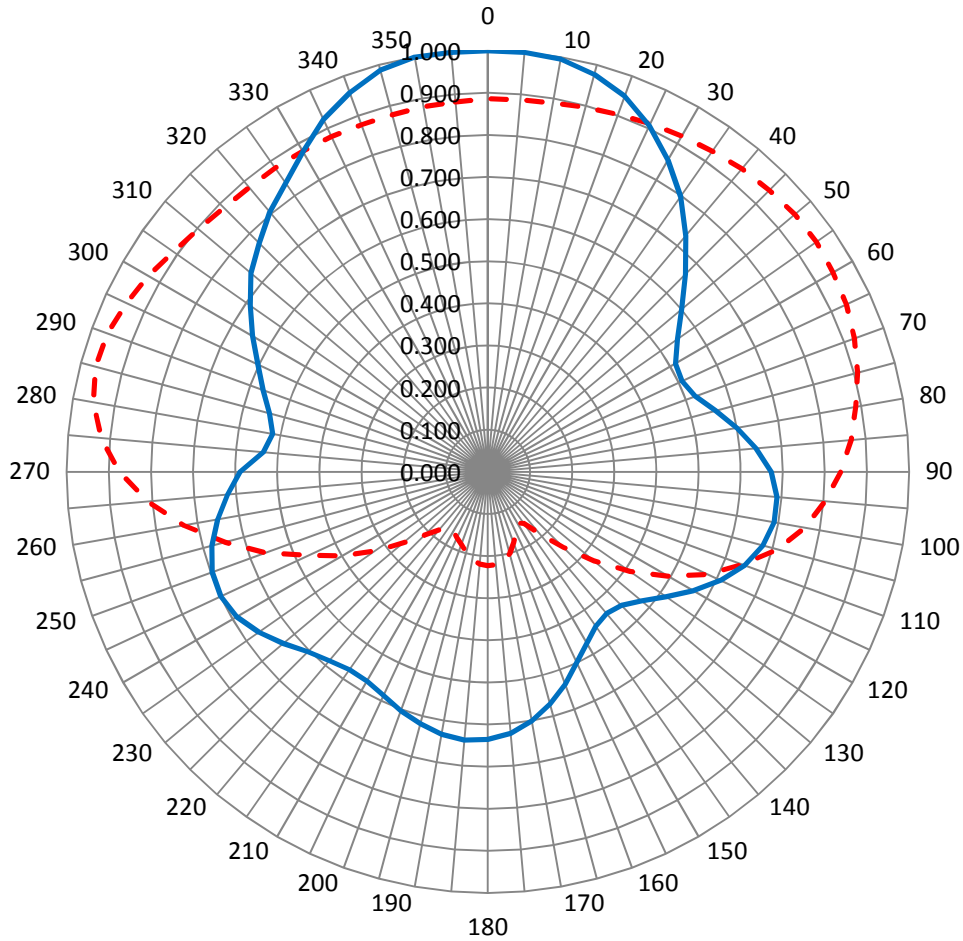
**VERTICAL RMS: 71.45%**

**HORIZONTAL RMS: 69.16%**

PATTERN NUMBER	6813-041
FREQUENCY:	MID BAND
ANTENNA AZIMUTH	0-DEGREES
TOWER	ERI 36-IN.
MOUNT STYLE	FACE MT
MOUNT REMARKS	N/A
DISTANCE FROM TOWER	30.5 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 6813-041

V-RMS 71.45%  
H-RMS 69.16%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.89	1.00	90	0.84	0.67	180	0.22	0.64	270	0.87	0.59
5	0.89	1.00	95	0.80	0.69	185	0.22	0.64	275	0.92	0.54
10	0.89	0.99	100	0.76	0.69	190	0.21	0.63	280	0.95	0.52
15	0.90	0.98	105	0.71	0.68	195	0.20	0.62	285	0.97	0.54
20	0.90	0.95	110	0.64	0.65	200	0.18	0.60	290	0.96	0.57
25	0.91	0.91	115	0.58	0.61	205	0.17	0.59	295	0.95	0.60
30	0.92	0.86	120	0.50	0.56	210	0.16	0.57	300	0.93	0.65
35	0.93	0.80	125	0.41	0.52	215	0.16	0.57	305	0.91	0.69
40	0.94	0.73	130	0.33	0.48	220	0.18	0.59	310	0.90	0.73
45	0.95	0.66	135	0.25	0.45	225	0.21	0.60	315	0.89	0.77
50	0.95	0.60	140	0.19	0.44	230	0.26	0.63	320	0.88	0.81
55	0.95	0.55	145	0.15	0.45	235	0.33	0.66	325	0.88	0.84
60	0.95	0.51	150	0.14	0.47	240	0.40	0.69	330	0.88	0.88
65	0.94	0.51	155	0.16	0.50	245	0.47	0.70	335	0.88	0.92
70	0.93	0.52	160	0.18	0.54	250	0.56	0.70	340	0.88	0.96
75	0.91	0.56	165	0.20	0.57	255	0.65	0.68	345	0.88	0.99
80	0.89	0.60	170	0.22	0.60	260	0.73	0.65	350	0.88	1.00
85	0.87	0.64	175	0.22	0.62	265	0.81	0.62	355	0.88	1.00