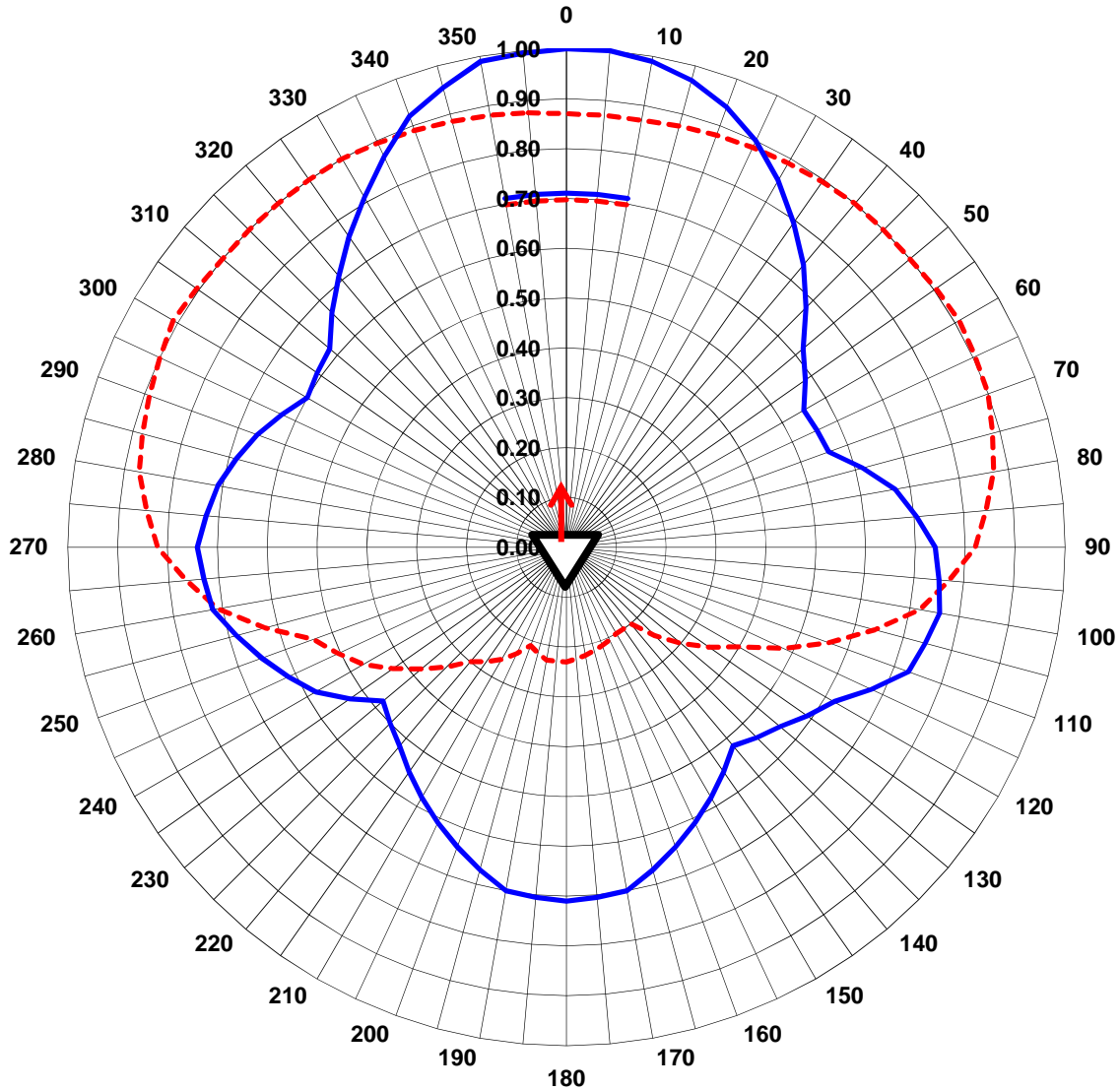


# SHIVELY LABS SAMPLE PATTERN



## 6813 ANTENNA

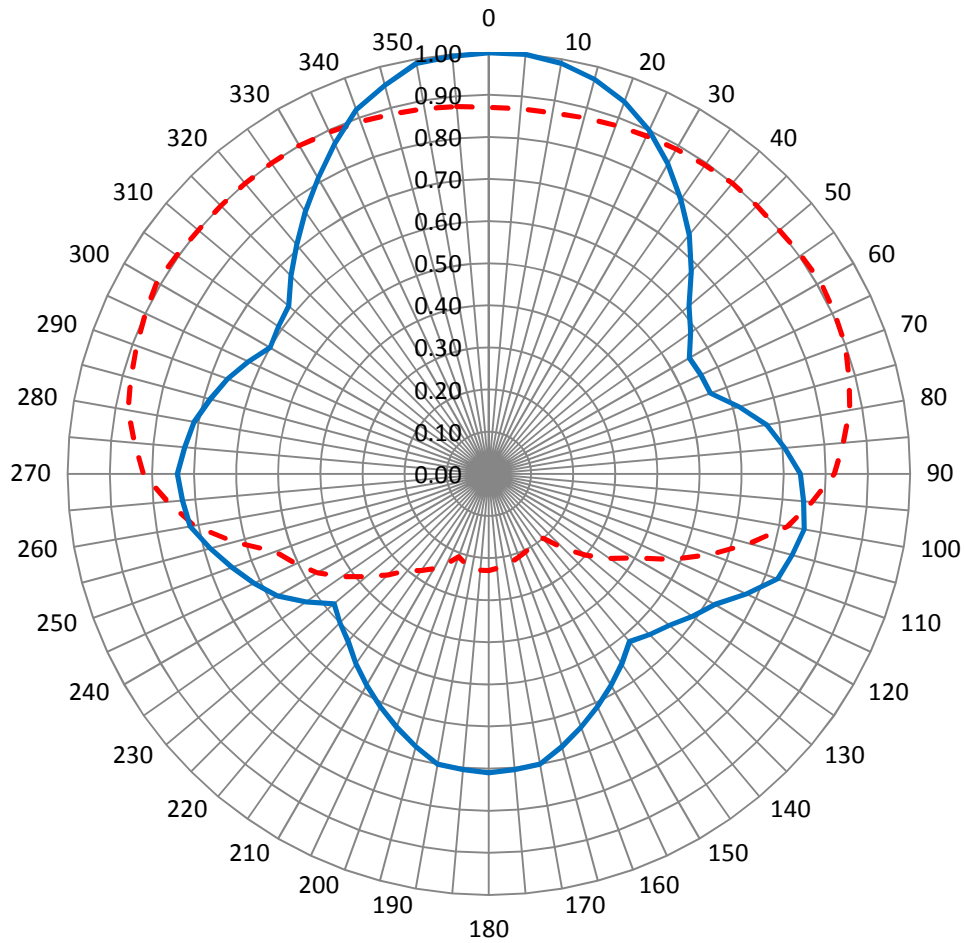
**VERTICAL RMS: 69.76%**

**HORIZONTAL RMS: 71.06%**

PATTERN NUMBER	6813-033
FREQUENCY:	MID BAND
ANTENNA AZIMUTH	0-DEGREES
TOWER	PI-ROD 36
MOUNT STYLE	FACE MT
DISTANCE FROM TOWER	STD. MOUNT XL
MOUNT REMARKS	N/A

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 22.375-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 6813-033

V-RMS 69.76%  
H-RMS 71.06%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.87	1.00	90	0.82	0.74	180	0.23	0.71	270	0.82	0.74
5	0.87	1.00	95	0.77	0.75	185	0.23	0.71	275	0.85	0.73
10	0.87	0.99	100	0.72	0.76	190	0.23	0.70	280	0.87	0.71
15	0.88	0.97	105	0.64	0.75	195	0.22	0.67	285	0.88	0.69
20	0.88	0.94	110	0.56	0.73	200	0.21	0.64	290	0.89	0.66
25	0.89	0.90	115	0.48	0.68	205	0.24	0.61	295	0.90	0.63
30	0.89	0.85	120	0.40	0.62	210	0.26	0.58	300	0.91	0.60
35	0.90	0.80	125	0.35	0.59	215	0.28	0.55	305	0.91	0.61
40	0.90	0.74	130	0.30	0.56	220	0.30	0.52	310	0.90	0.62
45	0.90	0.68	135	0.25	0.54	225	0.34	0.50	315	0.90	0.67
50	0.90	0.62	140	0.20	0.52	230	0.38	0.48	320	0.90	0.71
55	0.91	0.59	145	0.20	0.55	235	0.43	0.53	325	0.90	0.76
60	0.91	0.55	150	0.20	0.58	240	0.47	0.58	330	0.90	0.81
65	0.91	0.56	155	0.21	0.61	245	0.51	0.62	335	0.90	0.87
70	0.90	0.56	160	0.21	0.64	250	0.54	0.65	340	0.89	0.92
75	0.89	0.62	165	0.22	0.67	255	0.63	0.69	345	0.89	0.96
80	0.87	0.67	170	0.22	0.70	260	0.71	0.72	350	0.88	0.99
85	0.85	0.71	175	0.23	0.71	265	0.77	0.73	355	0.88	1.00