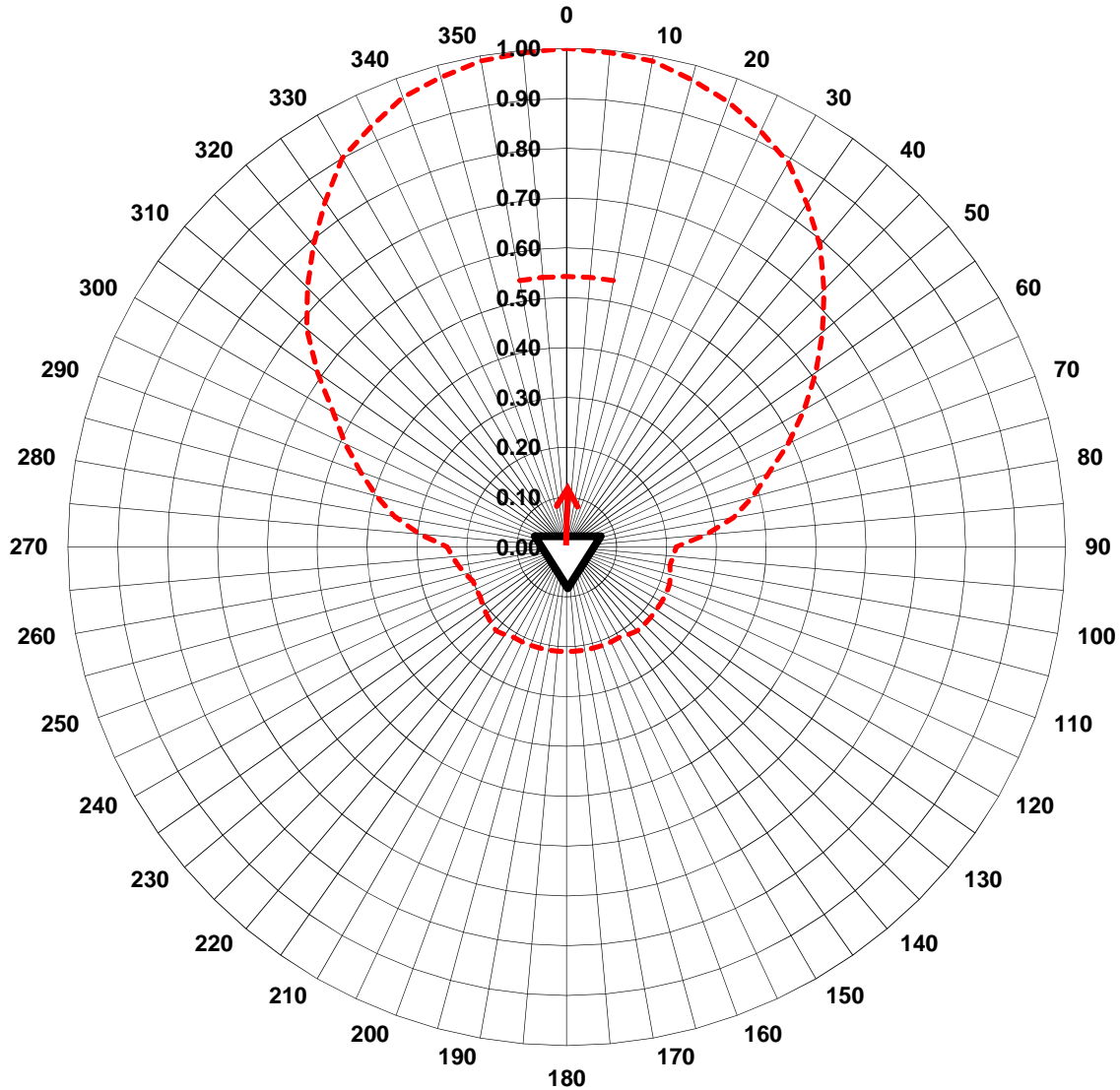


# SHIVELY LABS SAMPLE PATTERN



## 6513 ANTENNA

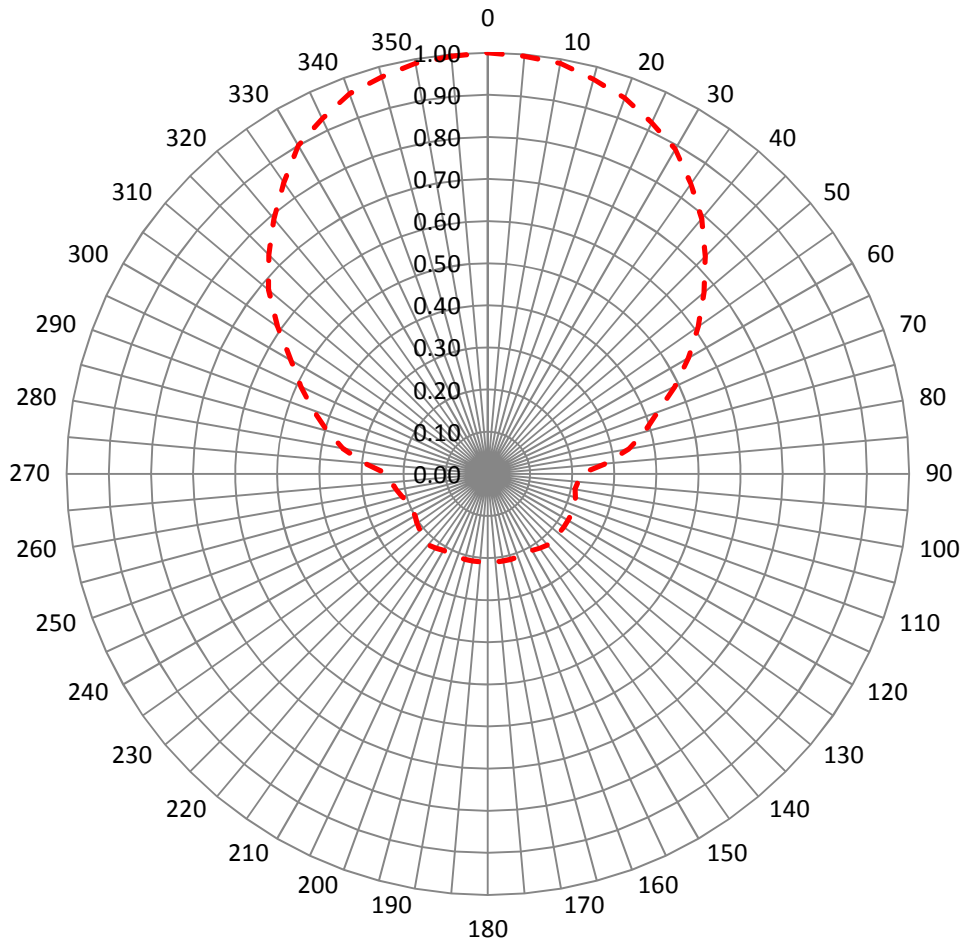
**VERTICAL RMS: 54.29%**

**HORIZONTAL RMS: 0.00%**

PATTERN NUMBER 6513-003  
FREQUENCY: LOW BAND  
ANTENNA AZIMUTH 0-DEGREES  
TOWER ROHN-65  
MOUNT STYLE FACE MT  
DISTANCE FROM TOWER STD MT.  
**REMARKS: THIS ANTENNA REQUIRES VERTICAL PARASITICS**

This is a custom mount  
This antenna requires Vertical parasitics  
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 6513-003

V-RMS 54.29%  
H-RMS 0.00%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	1.00	0.00	90	0.22	0.00	180	0.21	0.00	270	0.24	0.00
5	1.00	0.00	95	0.22	0.00	185	0.21	0.00	275	0.30	0.00
10	0.99	0.00	100	0.21	0.00	190	0.21	0.00	280	0.35	0.00
15	0.97	0.00	105	0.22	0.00	195	0.21	0.00	285	0.40	0.00
20	0.95	0.00	110	0.22	0.00	200	0.21	0.00	290	0.44	0.00
25	0.92	0.00	115	0.22	0.00	205	0.21	0.00	295	0.49	0.00
30	0.89	0.00	120	0.22	0.00	210	0.21	0.00	300	0.54	0.00
35	0.84	0.00	125	0.22	0.00	215	0.22	0.00	305	0.61	0.00
40	0.79	0.00	130	0.22	0.00	220	0.22	0.00	310	0.68	0.00
45	0.73	0.00	135	0.22	0.00	225	0.22	0.00	315	0.74	0.00
50	0.67	0.00	140	0.22	0.00	230	0.21	0.00	320	0.79	0.00
55	0.61	0.00	145	0.22	0.00	235	0.21	0.00	325	0.85	0.00
60	0.55	0.00	150	0.21	0.00	240	0.20	0.00	330	0.90	0.00
65	0.49	0.00	155	0.21	0.00	245	0.20	0.00	335	0.93	0.00
70	0.43	0.00	160	0.21	0.00	250	0.20	0.00	340	0.96	0.00
75	0.39	0.00	165	0.21	0.00	255	0.21	0.00	345	0.98	0.00
80	0.34	0.00	170	0.21	0.00	260	0.22	0.00	350	0.99	0.00
85	0.28	0.00	175	0.21	0.00	265	0.23	0.00	355	1.00	0.00