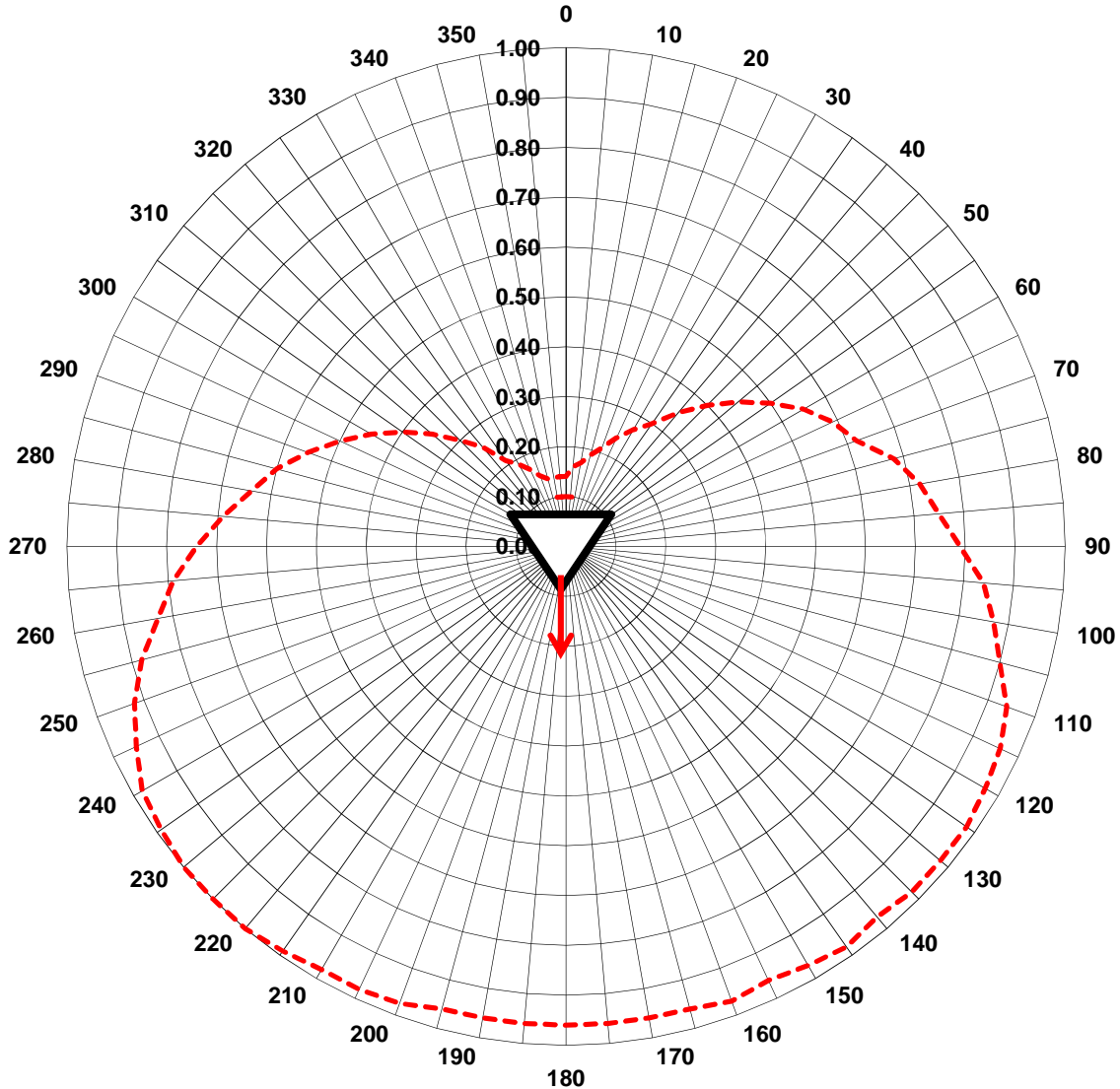


# SHIVELY LABS SAMPLE PATTERN



## 6513 ANTENNA

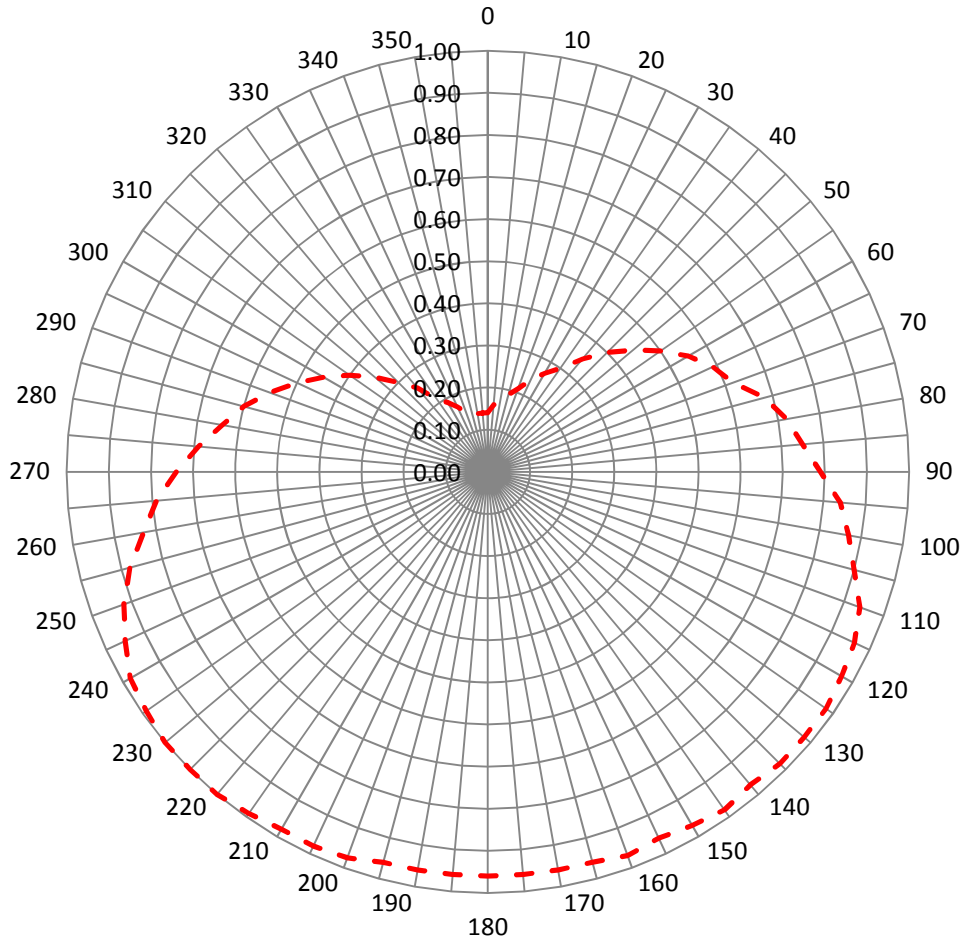
**VERTICAL RMS: 73.76%**

**HORIZONTAL RMS: 0.00%**

PATTERN NUMBER	6513-001
FREQUENCY:	LOW BAND
ANTENNA AZIMUTH	180-Degrees
TOWER	VALMONT 30
MOUNT STYLE	LEG MT.
DISTANCE FROM TOWER	STD. MOUNT XL

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 6513-001**

**V-RMS 9.98%**  
**H-RMS 0.00%**

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.14	0.00	90	0.79	0.00	180	0.96	0.00	270	0.74	0.00
5	0.16	0.00	95	0.84	0.00	185	0.96	0.00	275	0.69	0.00
10	0.17	0.00	100	0.87	0.00	190	0.96	0.00	280	0.64	0.00
15	0.19	0.00	105	0.90	0.00	195	0.96	0.00	285	0.60	0.00
20	0.21	0.00	110	0.94	0.00	200	0.98	0.00	290	0.55	0.00
25	0.24	0.00	115	0.96	0.00	205	0.98	0.00	295	0.50	0.00
30	0.27	0.00	120	0.97	0.00	210	0.98	0.00	300	0.45	0.00
35	0.30	0.00	125	0.98	0.00	215	0.99	0.00	305	0.40	0.00
40	0.35	0.00	130	0.98	0.00	220	1.00	0.00	310	0.35	0.00
45	0.40	0.00	135	0.98	0.00	225	1.00	0.00	315	0.30	0.00
50	0.45	0.00	140	0.97	0.00	230	1.00	0.00	320	0.26	0.00
55	0.50	0.00	145	0.98	0.00	235	0.99	0.00	325	0.21	0.00
60	0.55	0.00	150	0.97	0.00	240	0.98	0.00	330	0.19	0.00
65	0.59	0.00	155	0.96	0.00	245	0.95	0.00	335	0.17	0.00
70	0.62	0.00	160	0.97	0.00	250	0.92	0.00	340	0.15	0.00
75	0.68	0.00	165	0.96	0.00	255	0.88	0.00	345	0.14	0.00
80	0.72	0.00	170	0.96	0.00	260	0.83	0.00	350	0.14	0.00
85	0.75	0.00	175	0.96	0.00	265	0.79	0.00	355	0.14	0.00