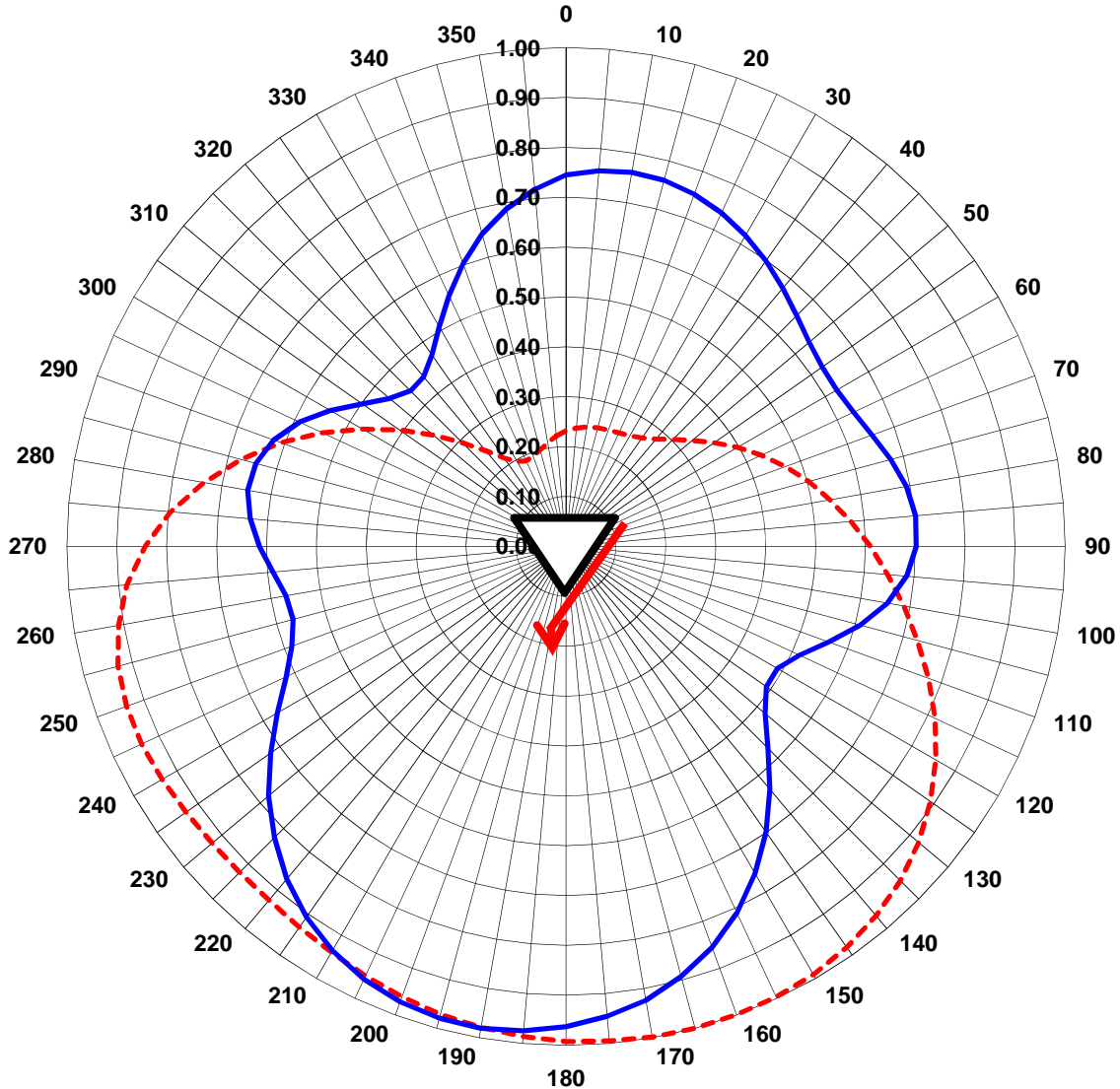


# SHIVELY LABS SAMPLE PATTERN



## 6813 ANTENNA

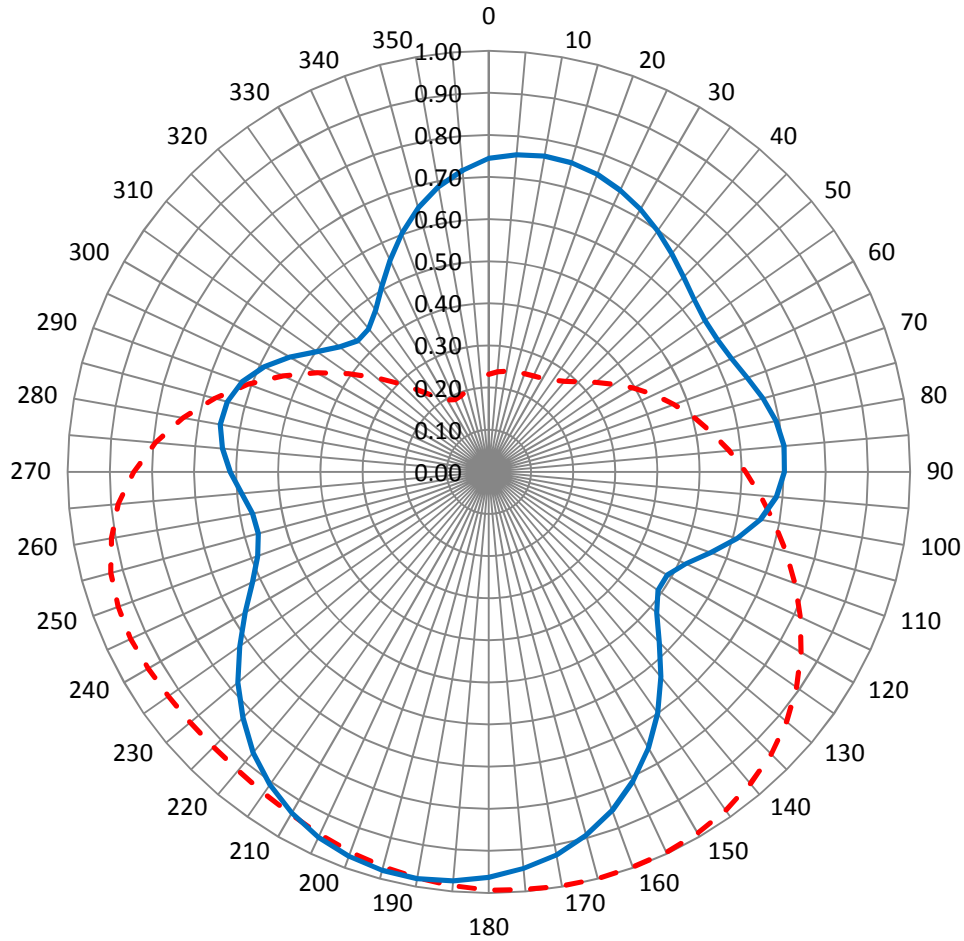
**VERTICAL RMS: 71.16%**

**HORIZONTAL RMS: 70.41%**

|                     |                     |
|---------------------|---------------------|
| PATTERN NUMBER      | 6813-002            |
| FREQUENCY:          | LOW BAND            |
| ANTENNA AZIMUTH     | 190-DEGREES         |
| TOWER               | TRYLON 30"          |
| MOUNT STYLE         | PK-UP 2-LEG         |
| MOUNT REMARKS       | BAY ROTATED 20-D CW |
| DISTANCE FROM TOWER | 27-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 6813-002

V-RMS 71.16%  
H-RMS 70.41%

| DEGREE | VERT | HORZ | DEGREE | VERT | HORZ | DEGREE | VERT | HORZ | DEGREE | VERT | HORZ |
|--------|------|------|--------|------|------|--------|------|------|--------|------|------|
| 0      | 0.23 | 0.74 | 90     | 0.61 | 0.70 | 180    | 0.99 | 0.96 | 270    | 0.84 | 0.61 |
| 5      | 0.24 | 0.76 | 95     | 0.65 | 0.69 | 185    | 0.99 | 0.97 | 275    | 0.79 | 0.64 |
| 10     | 0.24 | 0.76 | 100    | 0.69 | 0.65 | 190    | 0.98 | 0.98 | 280    | 0.74 | 0.65 |
| 15     | 0.25 | 0.76 | 105    | 0.73 | 0.61 | 195    | 0.97 | 0.98 | 285    | 0.67 | 0.64 |
| 20     | 0.25 | 0.75 | 110    | 0.77 | 0.56 | 200    | 0.96 | 0.97 | 290    | 0.61 | 0.62 |
| 25     | 0.25 | 0.74 | 115    | 0.82 | 0.52 | 205    | 0.95 | 0.96 | 295    | 0.54 | 0.59 |
| 30     | 0.26 | 0.72 | 120    | 0.86 | 0.49 | 210    | 0.94 | 0.94 | 300    | 0.47 | 0.54 |
| 35     | 0.27 | 0.70 | 125    | 0.89 | 0.49 | 215    | 0.93 | 0.91 | 305    | 0.41 | 0.50 |
| 40     | 0.28 | 0.68 | 130    | 0.92 | 0.52 | 220    | 0.93 | 0.87 | 310    | 0.35 | 0.46 |
| 45     | 0.30 | 0.65 | 135    | 0.95 | 0.57 | 225    | 0.92 | 0.83 | 315    | 0.29 | 0.44 |
| 50     | 0.33 | 0.64 | 140    | 0.97 | 0.64 | 230    | 0.93 | 0.78 | 320    | 0.25 | 0.44 |
| 55     | 0.36 | 0.63 | 145    | 0.98 | 0.70 | 235    | 0.93 | 0.72 | 325    | 0.22 | 0.47 |
| 60     | 0.40 | 0.63 | 150    | 0.99 | 0.76 | 240    | 0.93 | 0.67 | 330    | 0.20 | 0.51 |
| 65     | 0.43 | 0.64 | 155    | 1.00 | 0.81 | 245    | 0.94 | 0.62 | 335    | 0.19 | 0.55 |
| 70     | 0.47 | 0.65 | 160    | 1.00 | 0.86 | 250    | 0.94 | 0.58 | 340    | 0.19 | 0.60 |
| 75     | 0.50 | 0.67 | 165    | 1.00 | 0.89 | 255    | 0.93 | 0.57 | 345    | 0.20 | 0.65 |
| 80     | 0.54 | 0.69 | 170    | 1.00 | 0.92 | 260    | 0.91 | 0.57 | 350    | 0.21 | 0.69 |
| 85     | 0.57 | 0.70 | 175    | 1.00 | 0.95 | 265    | 0.88 | 0.59 | 355    | 0.22 | 0.72 |