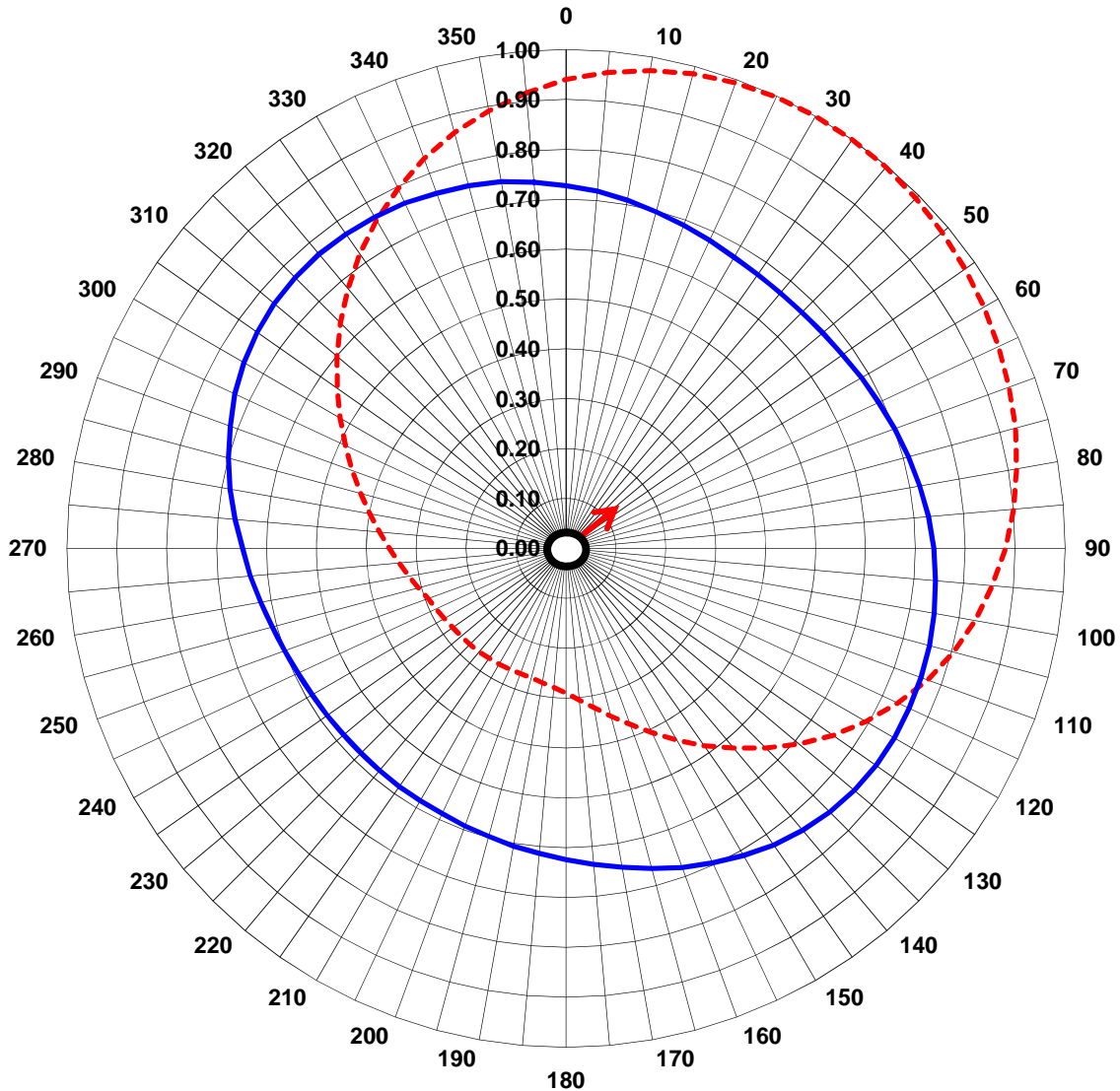


# SHIVELY LABS SAMPLE PATTERN



## 6810 ANTENNA

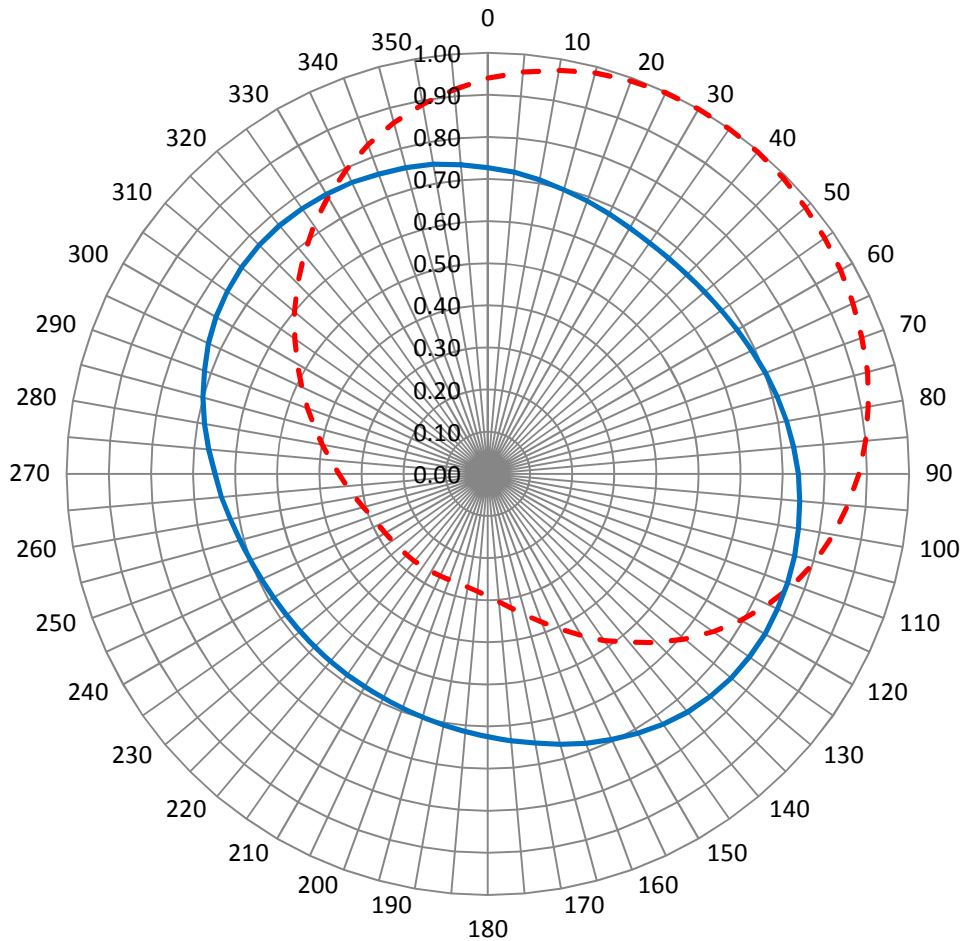
**VERTICAL RMS: 67.60%**

**HORIZONTAL RMS: 69.04%**

|                     |            |
|---------------------|------------|
| PATTERN NUMBER      | 6810-011   |
| FREQUENCY:          | MID BAND   |
| ANTENNA AZIMUTH     | 40-DEGREES |
| TOWER               | POLE 8-IN  |
| MOUNT STYLE         | CUSTOM MT. |
| MOUNT REMARKS       | N/A        |
| DISTANCE FROM TOWER | 18-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 6810-011

**V-RMS** 67.60%  
**H-RMS** 69.04%

| DEGREE | VERT | HORZ | DEGREE | VERT | HORZ | DEGREE | VERT | HORZ | DEGREE | VERT | HORZ |
|--------|------|------|--------|------|------|--------|------|------|--------|------|------|
| 0      | 0.94 | 0.73 | 90     | 0.88 | 0.74 | 180    | 0.29 | 0.62 | 270    | 0.35 | 0.65 |
| 5      | 0.96 | 0.72 | 95     | 0.86 | 0.74 | 185    | 0.28 | 0.61 | 275    | 0.37 | 0.67 |
| 10     | 0.97 | 0.71 | 100    | 0.83 | 0.75 | 190    | 0.27 | 0.61 | 280    | 0.40 | 0.68 |
| 15     | 0.99 | 0.70 | 105    | 0.80 | 0.75 | 195    | 0.27 | 0.60 | 285    | 0.43 | 0.70 |
| 20     | 0.99 | 0.69 | 110    | 0.77 | 0.76 | 200    | 0.27 | 0.59 | 290    | 0.46 | 0.72 |
| 25     | 1.00 | 0.68 | 115    | 0.73 | 0.76 | 205    | 0.27 | 0.59 | 295    | 0.49 | 0.73 |
| 30     | 1.00 | 0.67 | 120    | 0.69 | 0.76 | 210    | 0.27 | 0.58 | 300    | 0.52 | 0.74 |
| 35     | 1.00 | 0.67 | 125    | 0.65 | 0.76 | 215    | 0.27 | 0.58 | 305    | 0.56 | 0.76 |
| 40     | 1.00 | 0.67 | 130    | 0.61 | 0.75 | 220    | 0.27 | 0.58 | 310    | 0.60 | 0.76 |
| 45     | 0.99 | 0.67 | 135    | 0.57 | 0.75 | 225    | 0.27 | 0.58 | 315    | 0.64 | 0.77 |
| 50     | 0.98 | 0.67 | 140    | 0.52 | 0.74 | 230    | 0.27 | 0.58 | 320    | 0.68 | 0.77 |
| 55     | 0.98 | 0.68 | 145    | 0.48 | 0.73 | 235    | 0.28 | 0.58 | 325    | 0.72 | 0.77 |
| 60     | 0.97 | 0.68 | 150    | 0.44 | 0.71 | 240    | 0.28 | 0.59 | 330    | 0.76 | 0.77 |
| 65     | 0.96 | 0.69 | 155    | 0.41 | 0.70 | 245    | 0.29 | 0.59 | 335    | 0.80 | 0.76 |
| 70     | 0.94 | 0.70 | 160    | 0.38 | 0.68 | 250    | 0.29 | 0.60 | 340    | 0.83 | 0.76 |
| 75     | 0.93 | 0.71 | 165    | 0.35 | 0.66 | 255    | 0.31 | 0.61 | 345    | 0.86 | 0.75 |
| 80     | 0.92 | 0.72 | 170    | 0.32 | 0.65 | 260    | 0.32 | 0.62 | 350    | 0.89 | 0.75 |
| 85     | 0.90 | 0.73 | 175    | 0.31 | 0.64 | 265    | 0.34 | 0.63 | 355    | 0.92 | 0.74 |