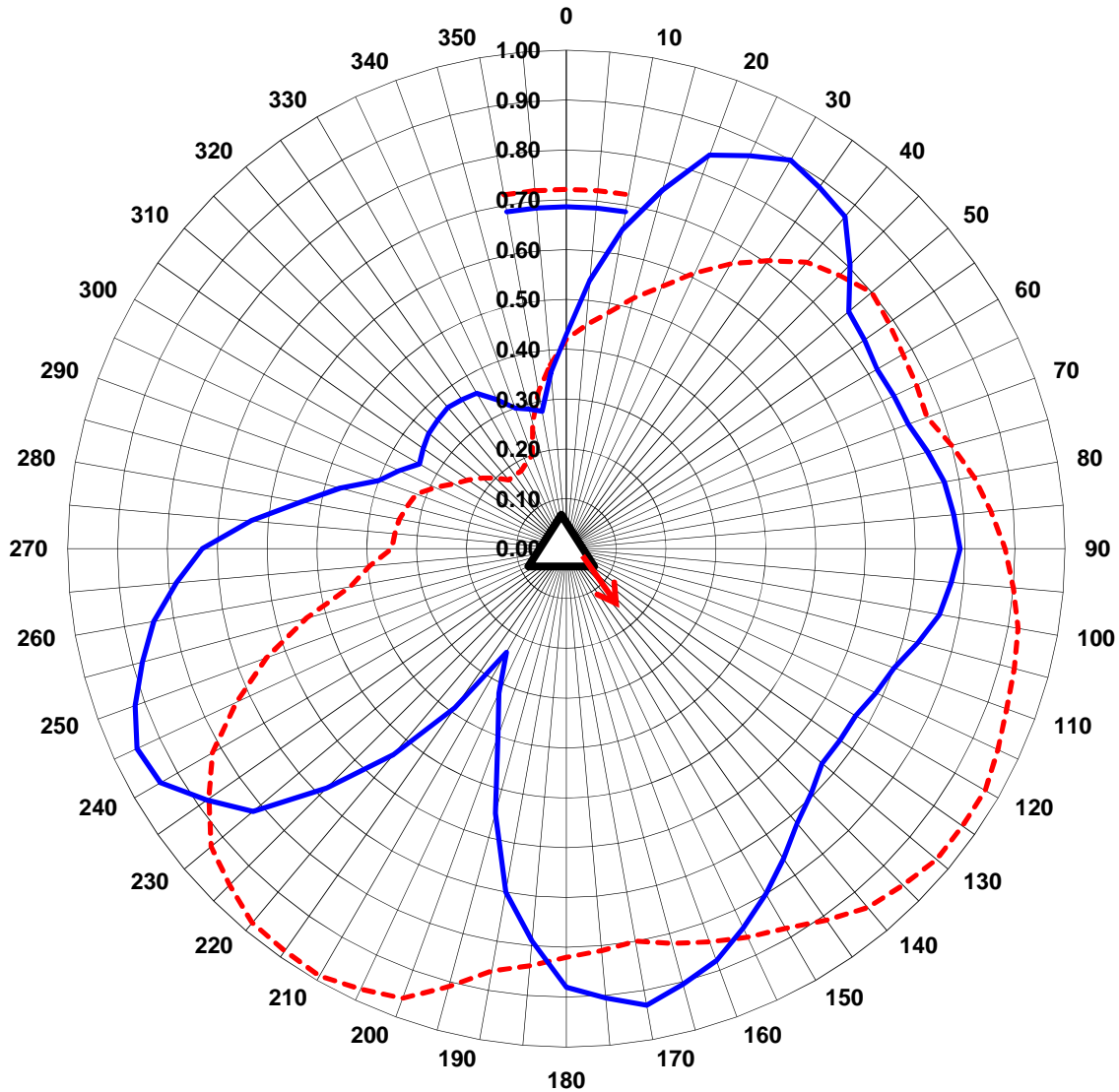


SHIVELY LABS SAMPLE PATTERN



6810 ANTENNA

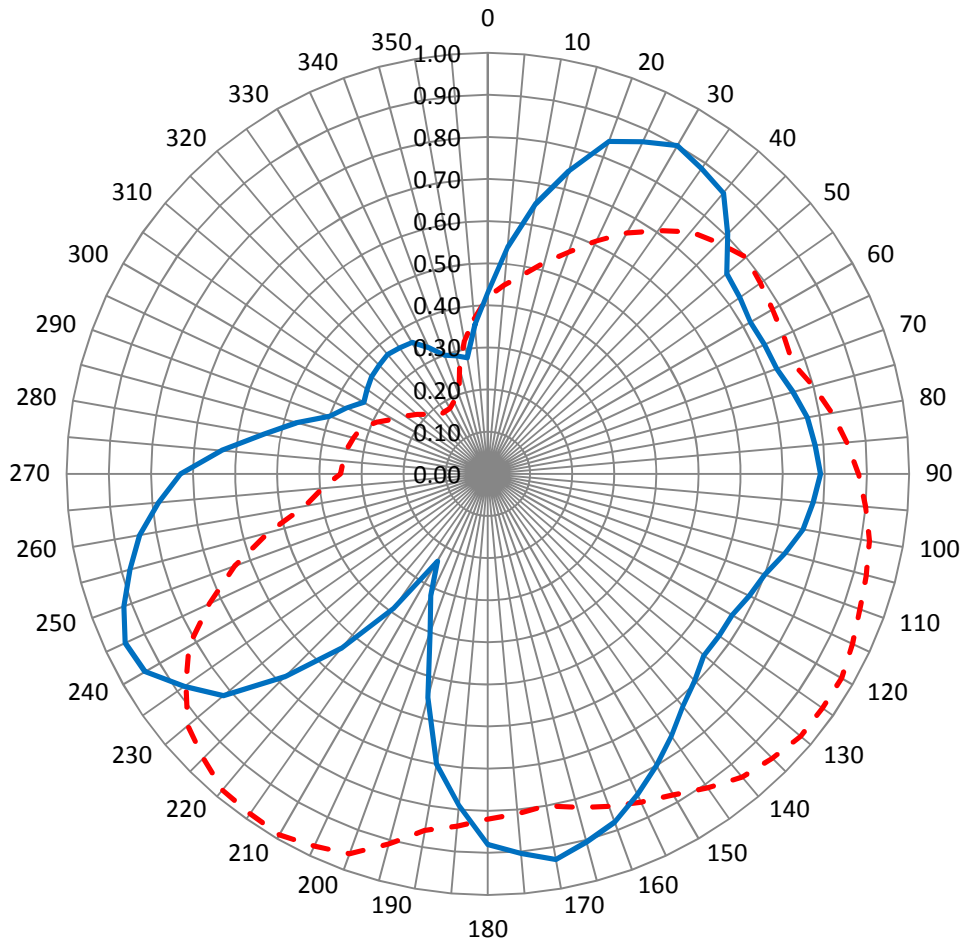
VERTICAL RMS: 72.06%

HORIZONTAL RMS: 68.62%

| | |
|---------------------|--------------------|
| PATTERN NUMBER | 6810-042 |
| FREQUENCY: | MID FREQ |
| ANTENNA AZIMUTH | 150-DEGREES |
| TOWER | STAINLESS G-5 |
| MOUNT STYLE | LEG MT |
| DISTANCE FROM TOWER | STD. MOUNT XL |
| MOUNT REMARKS | MT ROTATED 30-D CW |

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 6810-042

V-RMS 72.06%
H-RMS 68.62%

| DEGREE | VERT | HORZ | DEGREE | VERT | HORZ | DEGREE | VERT | HORZ | DEGREE | VERT | HORZ |
|--------|------|------|--------|------|------|--------|------|------|--------|------|------|
| 0 | 0.42 | 0.43 | 90 | 0.88 | 0.79 | 180 | 0.82 | 0.88 | 270 | 0.35 | 0.73 |
| 5 | 0.45 | 0.54 | 95 | 0.90 | 0.78 | 185 | 0.84 | 0.79 | 275 | 0.35 | 0.64 |
| 10 | 0.48 | 0.65 | 100 | 0.92 | 0.76 | 190 | 0.86 | 0.70 | 280 | 0.34 | 0.54 |
| 15 | 0.52 | 0.75 | 105 | 0.93 | 0.73 | 195 | 0.91 | 0.55 | 285 | 0.33 | 0.47 |
| 20 | 0.56 | 0.84 | 110 | 0.94 | 0.70 | 200 | 0.96 | 0.40 | 290 | 0.32 | 0.40 |
| 25 | 0.61 | 0.87 | 115 | 0.96 | 0.69 | 205 | 0.98 | 0.32 | 295 | 0.29 | 0.37 |
| 30 | 0.66 | 0.90 | 120 | 0.97 | 0.67 | 210 | 0.99 | 0.24 | 300 | 0.26 | 0.34 |
| 35 | 0.71 | 0.89 | 125 | 0.97 | 0.67 | 215 | 0.99 | 0.39 | 305 | 0.24 | 0.35 |
| 40 | 0.75 | 0.87 | 130 | 0.97 | 0.67 | 220 | 0.98 | 0.54 | 310 | 0.22 | 0.36 |
| 45 | 0.78 | 0.81 | 135 | 0.96 | 0.70 | 225 | 0.96 | 0.68 | 315 | 0.20 | 0.37 |
| 50 | 0.80 | 0.74 | 140 | 0.94 | 0.72 | 230 | 0.93 | 0.82 | 320 | 0.18 | 0.37 |
| 55 | 0.79 | 0.73 | 145 | 0.91 | 0.76 | 235 | 0.88 | 0.88 | 325 | 0.18 | 0.37 |
| 60 | 0.78 | 0.72 | 150 | 0.88 | 0.80 | 240 | 0.82 | 0.94 | 330 | 0.18 | 0.36 |
| 65 | 0.78 | 0.73 | 155 | 0.86 | 0.84 | 245 | 0.73 | 0.95 | 335 | 0.19 | 0.33 |
| 70 | 0.77 | 0.73 | 160 | 0.84 | 0.88 | 250 | 0.64 | 0.92 | 340 | 0.20 | 0.30 |
| 75 | 0.80 | 0.75 | 165 | 0.82 | 0.91 | 255 | 0.54 | 0.88 | 345 | 0.26 | 0.29 |
| 80 | 0.83 | 0.77 | 170 | 0.80 | 0.93 | 260 | 0.44 | 0.84 | 350 | 0.32 | 0.28 |
| 85 | 0.86 | 0.78 | 175 | 0.81 | 0.91 | 265 | 0.40 | 0.79 | 355 | 0.37 | 0.36 |