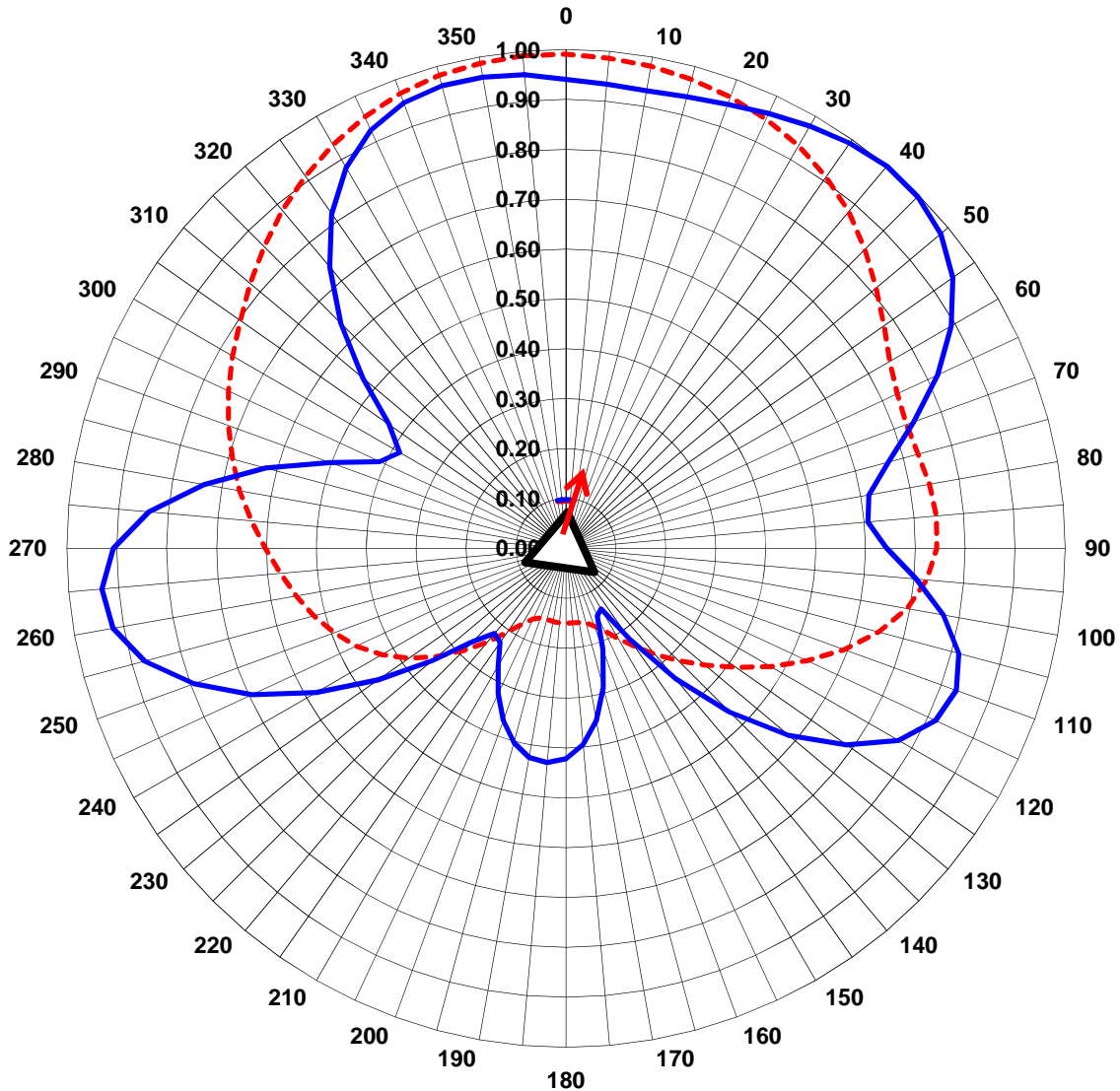


SHIVELY LABS SAMPLE PATTERN



6810 ANTENNA

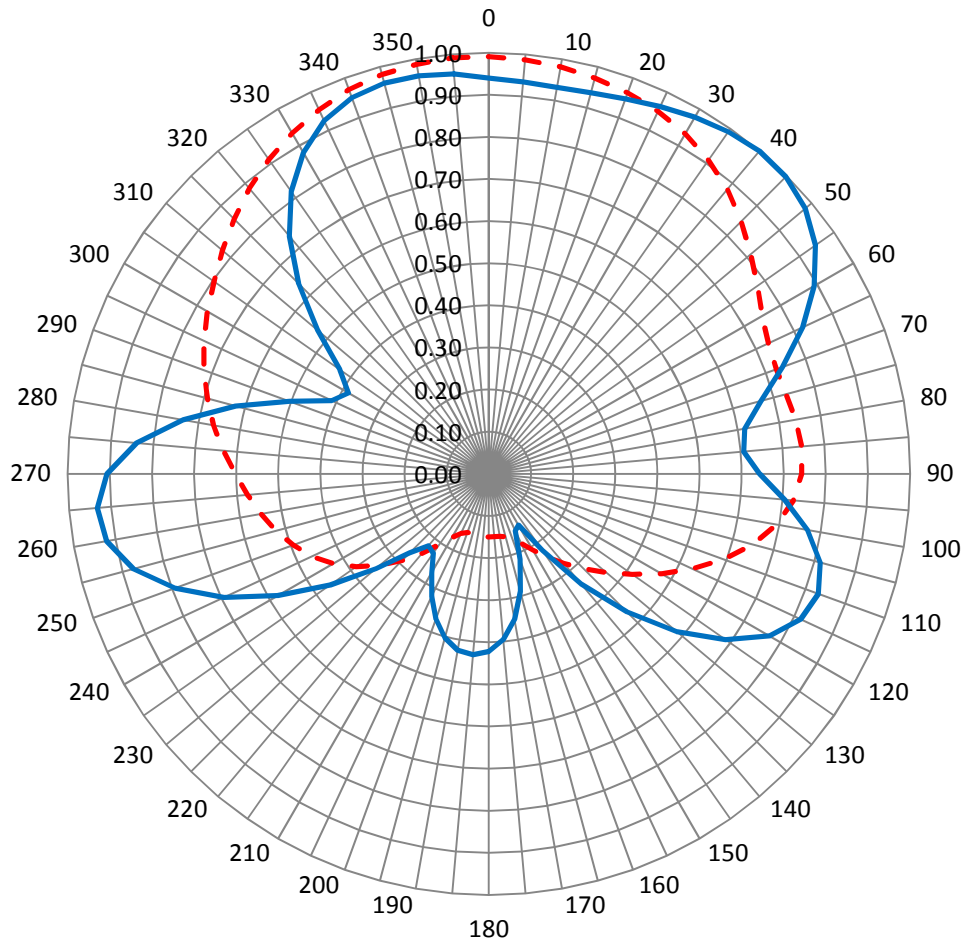
VERTICAL RMS: 66.44%

HORIZONTAL RMS: 70.66%

| | |
|---------------------|---------------|
| PATTERN NUMBER | 6810-014 |
| FREQUENCY: | MID BAND |
| ANTENNA AZIMUTH | 16-DEGREES |
| TOWER | CENTRAL 48 |
| 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 6810-014

V-RMS 9.48%
H-RMS 9.77%

| DEGREE | VERT | HORZ | DEGREE | VERT | HORZ | DEGREE | VERT | HORZ | DEGREE | VERT | HORZ |
|--------|------|------|--------|------|------|--------|------|------|--------|------|------|
| 0 | 0.99 | 0.94 | 90 | 0.74 | 0.64 | 180 | 0.15 | 0.42 | 270 | 0.60 | 0.91 |
| 5 | 0.99 | 0.93 | 95 | 0.73 | 0.70 | 185 | 0.15 | 0.43 | 275 | 0.63 | 0.84 |
| 10 | 0.98 | 0.93 | 100 | 0.69 | 0.77 | 190 | 0.15 | 0.43 | 280 | 0.66 | 0.74 |
| 15 | 0.97 | 0.94 | 105 | 0.65 | 0.81 | 195 | 0.15 | 0.40 | 285 | 0.69 | 0.62 |
| 20 | 0.96 | 0.95 | 110 | 0.59 | 0.83 | 200 | 0.15 | 0.37 | 290 | 0.72 | 0.50 |
| 25 | 0.95 | 0.96 | 115 | 0.53 | 0.82 | 205 | 0.16 | 0.32 | 295 | 0.75 | 0.41 |
| 30 | 0.93 | 0.98 | 120 | 0.47 | 0.77 | 210 | 0.18 | 0.27 | 300 | 0.77 | 0.38 |
| 35 | 0.91 | 0.99 | 125 | 0.42 | 0.69 | 215 | 0.21 | 0.23 | 305 | 0.80 | 0.43 |
| 40 | 0.88 | 1.00 | 130 | 0.36 | 0.58 | 220 | 0.25 | 0.22 | 310 | 0.83 | 0.53 |
| 45 | 0.85 | 1.00 | 135 | 0.32 | 0.46 | 225 | 0.29 | 0.27 | 315 | 0.86 | 0.64 |
| 50 | 0.81 | 0.98 | 140 | 0.28 | 0.34 | 230 | 0.34 | 0.35 | 320 | 0.88 | 0.74 |
| 55 | 0.78 | 0.95 | 145 | 0.24 | 0.22 | 235 | 0.38 | 0.46 | 325 | 0.91 | 0.82 |
| 60 | 0.75 | 0.89 | 150 | 0.21 | 0.14 | 240 | 0.43 | 0.58 | 330 | 0.93 | 0.88 |
| 65 | 0.73 | 0.82 | 155 | 0.18 | 0.15 | 245 | 0.46 | 0.69 | 335 | 0.95 | 0.93 |
| 70 | 0.73 | 0.74 | 160 | 0.17 | 0.22 | 250 | 0.49 | 0.79 | 340 | 0.97 | 0.95 |
| 75 | 0.73 | 0.67 | 165 | 0.15 | 0.29 | 255 | 0.52 | 0.87 | 345 | 0.98 | 0.96 |
| 80 | 0.74 | 0.62 | 170 | 0.15 | 0.35 | 260 | 0.55 | 0.92 | 350 | 0.99 | 0.96 |
| 85 | 0.75 | 0.61 | 175 | 0.15 | 0.39 | 265 | 0.57 | 0.93 | 355 | 0.99 | 0.95 |