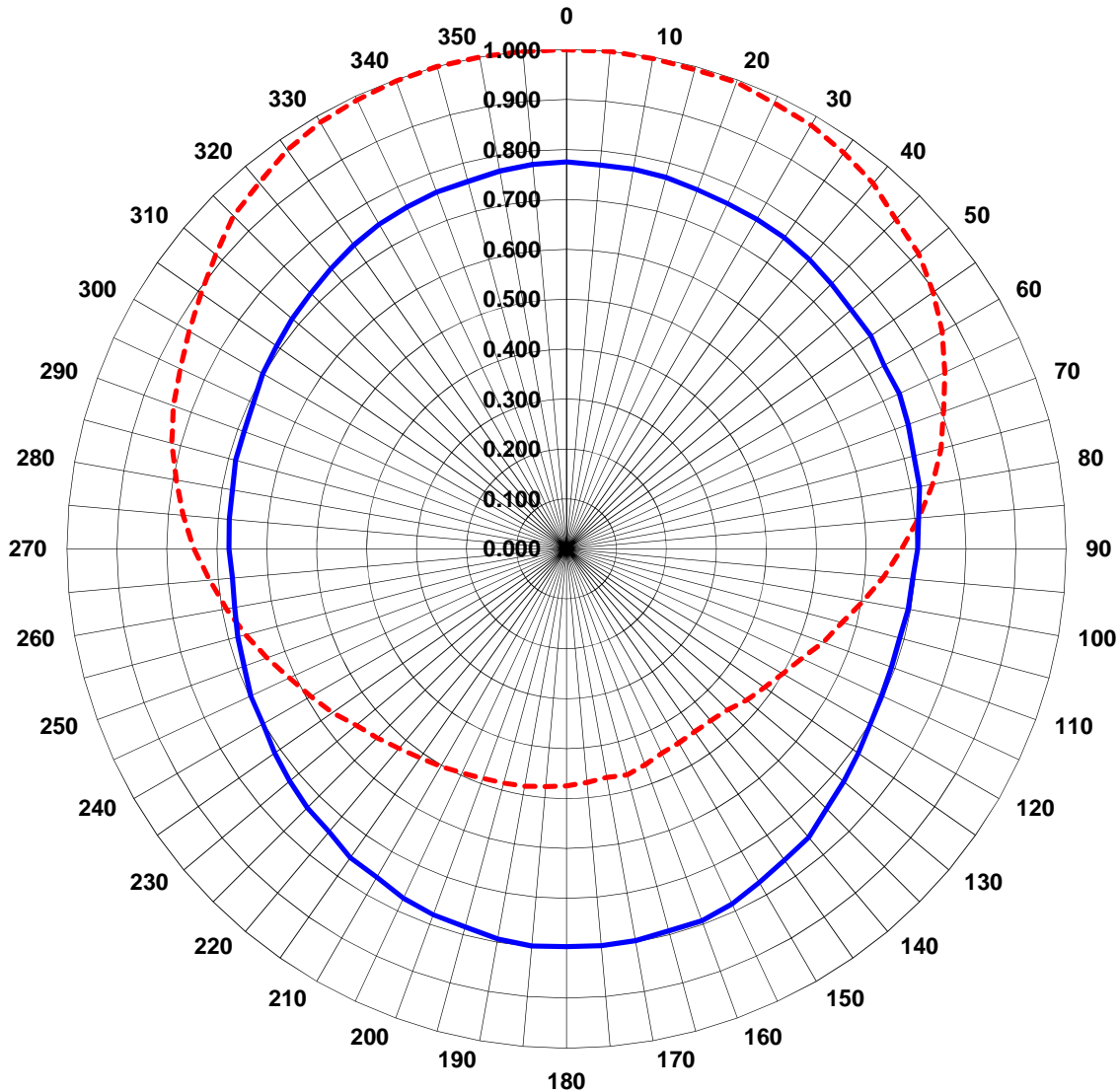


# SHIVELY LABS SAMPLE PATTERN



## 6822 ANTENNA

MOUNTED TO 2 TO 4 INCH PIPE

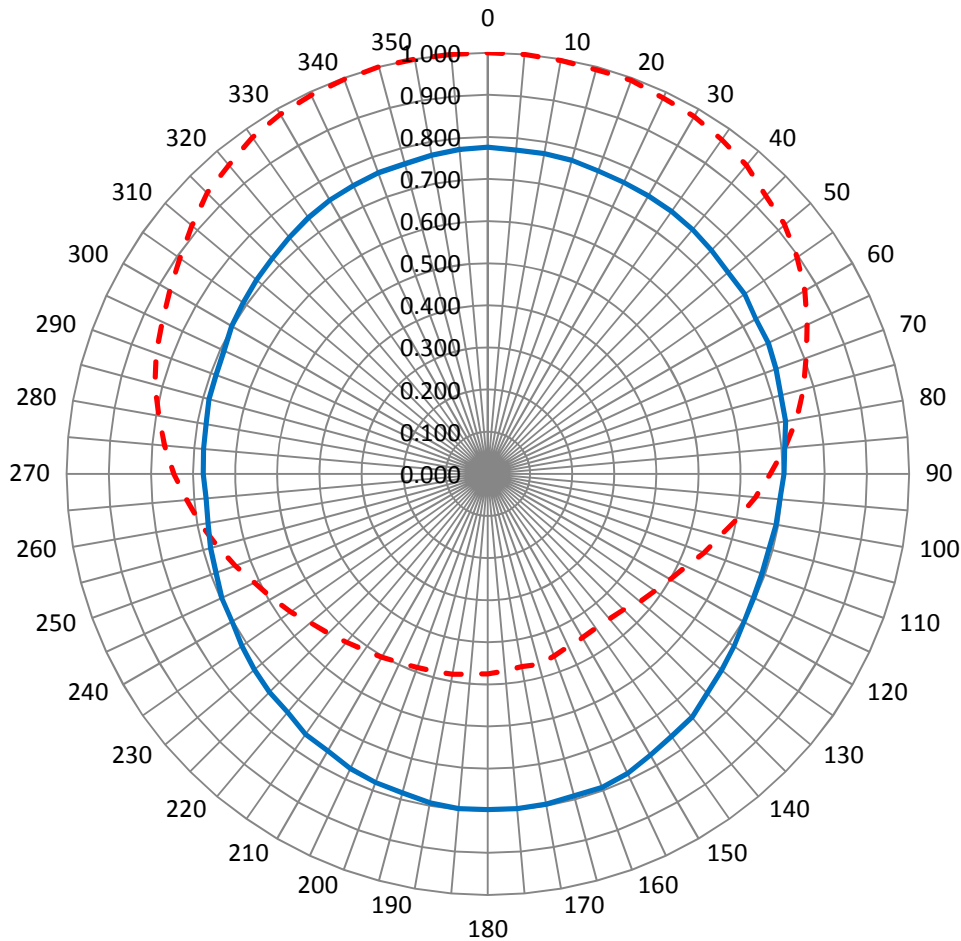
VERTICAL RMS: 74.90%

HORIZONTAL RMS: 73.76%

|                     |                 |
|---------------------|-----------------|
| PATTERN NUMBER      | 6822-001        |
| FREQUENCY:          | All Frequencies |
| ANTENNA AZIMUTH     | 0-Degrees       |
| TOWER               | POLE            |
| MOUNT STYLE         | Standard Mt.    |
| MOUNT REMARKS       | N/a             |
| DISTANCE FROM TOWER | N/A             |

This is the standard setup for the 6822  
mounted on a 2 to 4 inch pipe  
standard alone pole or

# SHIVELY LABS SAMPLE PATTERN



PATTERN NUMBER 6822-001

**V-RMS** 74.90%  
**H-RMS** 73.76%

| DEGREE | VERT  | HORZ  | DEGREE | VERT  | HORZ  | DEGREE | VERT  | HORZ  | DEGREE | VERT  | HORZ  |
|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|
| 0      | 0.999 | 0.775 | 90     | 0.671 | 0.703 | 180    | 0.475 | 0.797 | 270    | 0.746 | 0.676 |
| 5      | 1.000 | 0.771 | 95     | 0.638 | 0.696 | 185    | 0.478 | 0.798 | 275    | 0.770 | 0.678 |
| 10     | 0.997 | 0.772 | 100    | 0.603 | 0.695 | 190    | 0.483 | 0.794 | 280    | 0.794 | 0.679 |
| 15     | 0.993 | 0.770 | 105    | 0.571 | 0.691 | 195    | 0.486 | 0.784 | 285    | 0.818 | 0.686 |
| 20     | 0.994 | 0.765 | 110    | 0.547 | 0.693 | 200    | 0.489 | 0.780 | 290    | 0.838 | 0.687 |
| 25     | 0.985 | 0.763 | 115    | 0.520 | 0.696 | 205    | 0.495 | 0.772 | 295    | 0.853 | 0.692 |
| 30     | 0.980 | 0.762 | 120    | 0.500 | 0.702 | 210    | 0.503 | 0.760 | 300    | 0.872 | 0.702 |
| 35     | 0.968 | 0.761 | 125    | 0.484 | 0.714 | 215    | 0.511 | 0.755 | 305    | 0.893 | 0.709 |
| 40     | 0.955 | 0.757 | 130    | 0.472 | 0.725 | 220    | 0.522 | 0.739 | 310    | 0.917 | 0.717 |
| 45     | 0.933 | 0.750 | 135    | 0.456 | 0.736 | 225    | 0.536 | 0.734 | 315    | 0.943 | 0.724 |
| 50     | 0.920 | 0.744 | 140    | 0.449 | 0.754 | 230    | 0.550 | 0.723 | 320    | 0.957 | 0.733 |
| 55     | 0.896 | 0.744 | 145    | 0.447 | 0.761 | 235    | 0.572 | 0.713 | 325    | 0.975 | 0.743 |
| 60     | 0.869 | 0.735 | 150    | 0.449 | 0.772 | 240    | 0.591 | 0.701 | 330    | 0.986 | 0.751 |
| 65     | 0.836 | 0.735 | 155    | 0.452 | 0.785 | 245    | 0.612 | 0.697 | 335    | 0.992 | 0.755 |
| 70     | 0.804 | 0.728 | 160    | 0.460 | 0.793 | 250    | 0.639 | 0.687 | 340    | 0.997 | 0.761 |
| 75     | 0.776 | 0.720 | 165    | 0.469 | 0.792 | 255    | 0.665 | 0.682 | 345    | 1.000 | 0.762 |
| 80     | 0.744 | 0.718 | 170    | 0.465 | 0.796 | 260    | 0.691 | 0.675 | 350    | 1.000 | 0.768 |
| 85     | 0.708 | 0.708 | 175    | 0.470 | 0.798 | 265    | 0.717 | 0.672 | 355    | 1.000 | 0.773 |