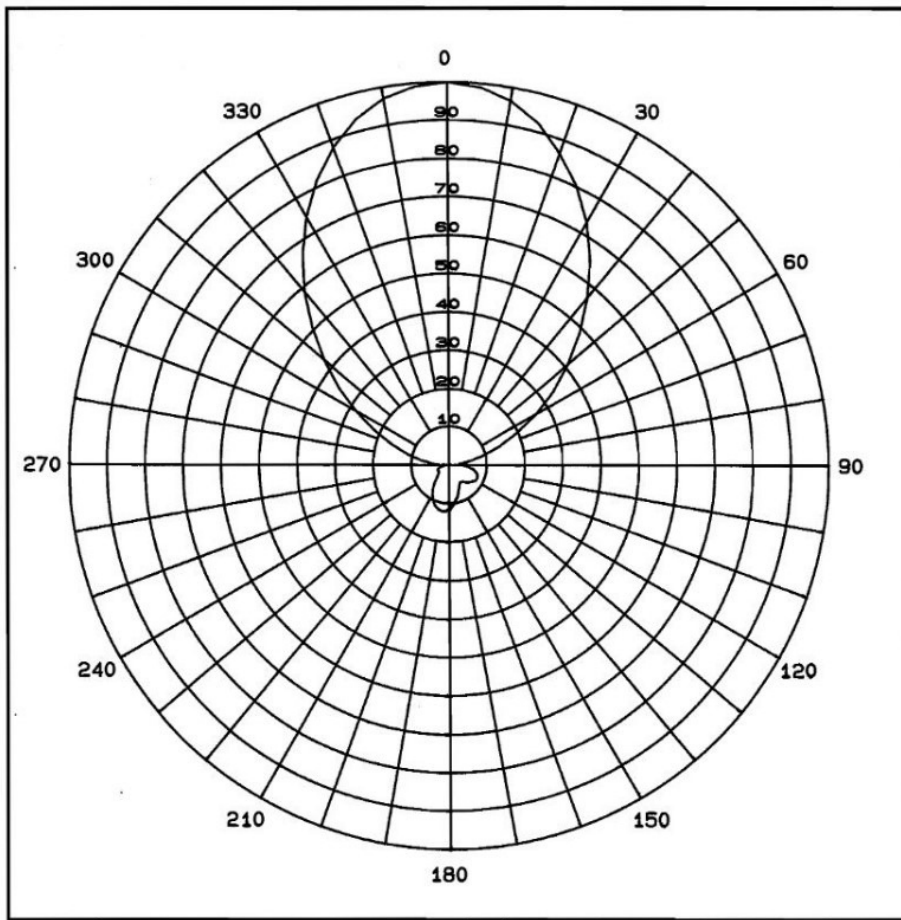
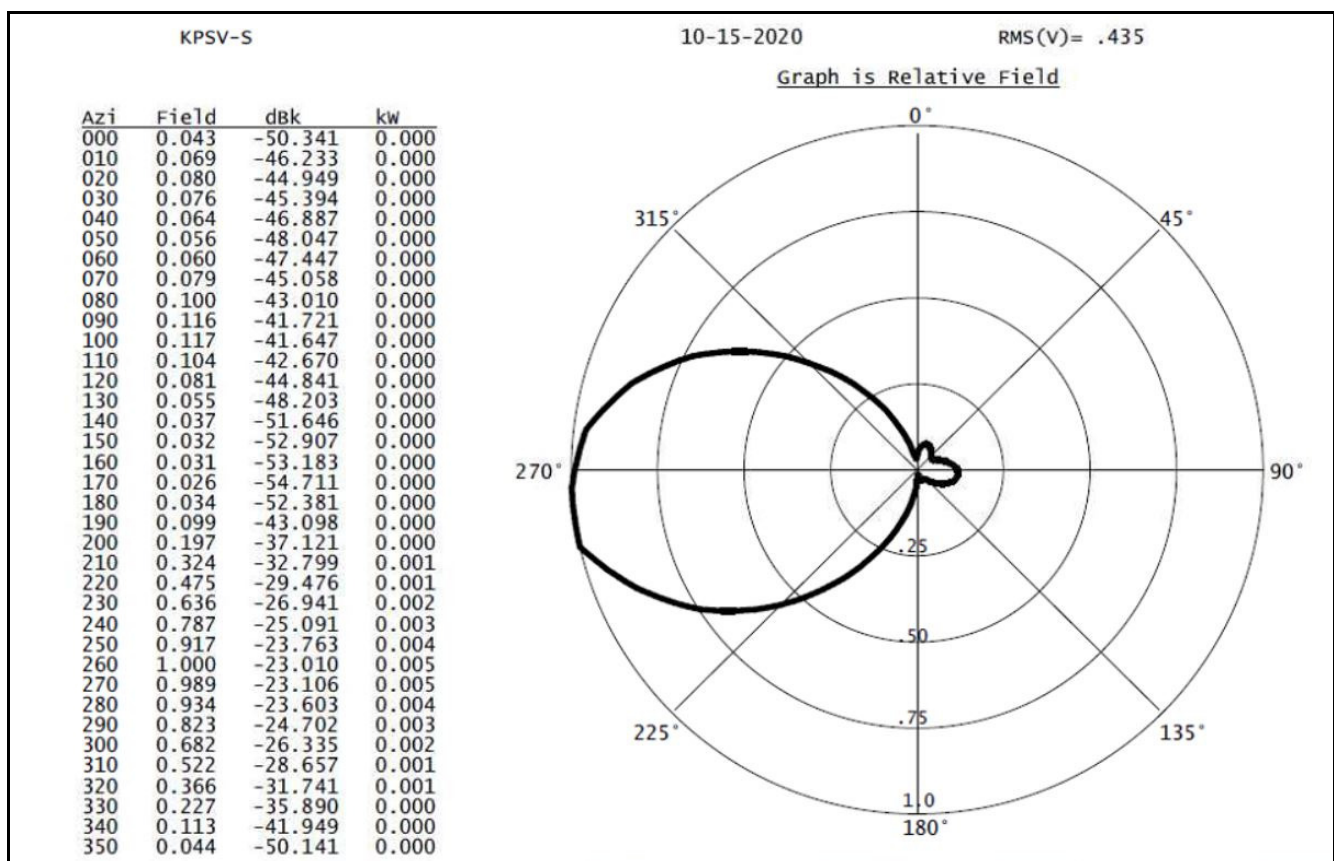


## Measured Field Values – Samco SAM-137



| Angle | Relative Field | Power Gain | Gain dB |
|-------|----------------|------------|---------|
| 0     | 1.000          | 4.074      | 6.10    |
| 10    | 0.964          | 3.786      | 5.78    |
| 20    | 0.863          | 3.034      | 4.82    |
| 30    | 0.730          | 2.171      | 3.37    |
| 40    | 0.570          | 1.324      | 1.22    |
| 50    | 0.409          | 0.682      | -1.67   |
| 60    | 0.264          | 0.284      | -5.47   |
| 70    | 0.141          | 0.081      | -10.92  |
| 80    | 0.049          | 0.010      | -20.10  |
| 90    | 0.033          | 0.004      | -23.53  |
| 100   | 0.065          | 0.017      | -17.64  |
| 110   | 0.080          | 0.026      | -15.84  |
| 120   | 0.080          | 0.026      | -15.84  |
| 130   | 0.068          | 0.019      | -17.25  |
| 140   | 0.056          | 0.013      | -18.94  |
| 150   | 0.055          | 0.012      | -19.09  |
| 160   | 0.073          | 0.022      | -16.63  |
| 170   | 0.094          | 0.036      | -14.44  |
| 180   | 0.114          | 0.053      | -12.76  |
| 190   | 0.120          | 0.059      | -12.32  |
| 200   | 0.111          | 0.050      | -12.99  |
| 210   | 0.089          | 0.032      | -14.91  |
| 220   | 0.062          | 0.016      | -18.05  |
| 230   | 0.039          | 0.006      | -22.08  |
| 240   | 0.032          | 0.004      | -23.80  |
| 250   | 0.032          | 0.004      | -23.80  |
| 260   | 0.029          | 0.003      | -24.65  |
| 270   | 0.018          | 0.001      | -28.79  |
| 280   | 0.073          | 0.022      | -16.63  |
| 290   | 0.161          | 0.106      | -9.76   |
| 300   | 0.280          | 0.319      | -4.96   |
| 310   | 0.426          | 0.739      | -1.31   |
| 320   | 0.589          | 1.413      | 1.50    |
| 330   | 0.747          | 2.273      | 3.57    |
| 340   | 0.881          | 3.162      | 5.00    |
| 350   | 1.000          | 4.074      | 6.10    |

## Measured Field Values – with Rotation (260 degrees)



Antenna rotated to 260 degrees at 5 watts ERP  
In relation to main 60 dBu f(50,50) contour

