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# **ENGINEERING EXHIBIT 6**

WYPR

ERP = 15.50 kW

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JADP-1/2(2) DA

## **TABULATION OF RELATIVE FIELD**

### **COMPOSITE MEASURED PATTERN (H & V)**

| <u>BEARING</u> | <u>FIELD</u> | <u>ERP</u><br><u>(kW)</u> | <u>dBk</u> |
|----------------|--------------|---------------------------|------------|
| 0              | 0.705        | 7.70                      | 8.87       |
| 10             | 0.819        | 10.39                     | 10.17      |
| 20             | 0.885        | 12.14                     | 10.84      |
| 30             | 0.811        | 10.20                     | 10.09      |
| 40             | 0.655        | 6.65                      | 8.23       |
| 50             | 0.410        | 2.61                      | 4.16       |
| 60             | 0.382        | 2.26                      | 3.54       |
| 70             | 0.500        | 3.88                      | 5.88       |
| 80             | 0.415        | 2.67                      | 4.26       |
| 90             | 0.210        | 0.68                      | -1.65      |
| 100            | 0.473        | 3.47                      | 5.41       |
| 110            | 0.695        | 7.49                      | 8.74       |
| 120            | 0.760        | 8.95                      | 9.52       |
| 130            | 0.820        | 10.42                     | 10.18      |
| 140            | 0.925        | 13.26                     | 11.23      |
| 150            | 0.995        | 15.35                     | 11.86      |
| 160            | 1.000        | 15.50                     | 11.90      |
| 170            | 0.974        | 14.71                     | 11.68      |
| 180            | 0.856        | 11.37                     | 10.56      |
| 190            | 0.710        | 7.81                      | 8.93       |
| 200            | 0.615        | 5.86                      | 7.68       |
| 210            | 0.535        | 4.44                      | 6.47       |
| 220            | 0.430        | 2.87                      | 4.57       |
| 230            | 0.310        | 1.49                      | 1.73       |
| 240            | 0.175        | 0.47                      | -3.24      |
| 250            | 0.040        | 0.02                      | -16.06     |
| 260            | 0.035        | 0.02                      | -17.21     |
| 270            | 0.077        | 0.09                      | -10.35     |
| 280            | 0.081        | 0.10                      | -9.88      |
| 290            | 0.075        | 0.09                      | -10.60     |
| 300            | 0.210        | 0.68                      | -1.65      |
| 310            | 0.300        | 1.40                      | 1.45       |
| 320            | 0.360        | 2.01                      | 3.03       |
| 330            | 0.435        | 2.93                      | 4.67       |
| 340            | 0.540        | 4.52                      | 6.55       |
| 350            | 0.645        | 6.45                      | 8.09       |

Relative fields at other azimuths:

|     |       |     |       |
|-----|-------|-----|-------|
| 45  | 0.545 | 225 | 0.385 |
| 135 | 0.880 | 315 | 0.335 |