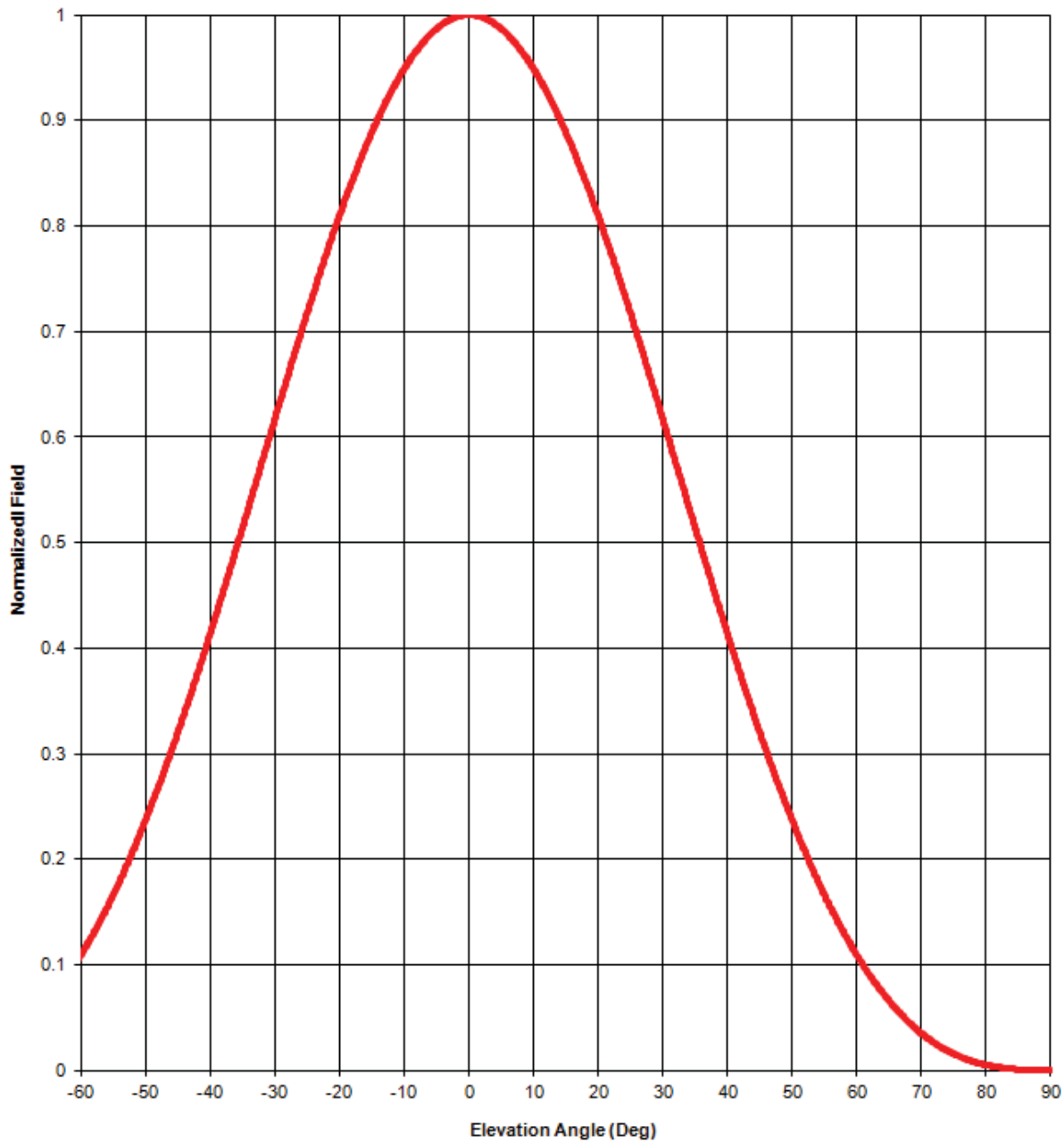


## Elevation pattern



Antenna models: 6014, 6015, 6020, 6510, 6513, 6600, & 68xx except 6832, 2-bay half-wave-spaced

Test frequency: 98.1 MHz

Gain (maximum):

|                   | Power | dB       |
|-------------------|-------|----------|
| 6014, 6015, 68xx: | 0.71  | -1.51 dB |
| 6510, 6513, 6600: | 1.42  | 1.49 dB  |

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| Degrees | Rel. Field |
|---------|------------|
| 1       | 0.999      |
| 2       | 0.998      |
| 3       | 0.995      |
| 4       | 0.992      |
| 5       | 0.987      |
| 6       | 0.981      |
| 7       | 0.975      |
| 8       | 0.967      |
| 9       | 0.959      |
| 10      | 0.949      |
| 11      | 0.939      |
| 12      | 0.928      |
| 13      | 0.915      |
| 14      | 0.903      |
| 15      | 0.889      |
| 16      | 0.874      |
| 17      | 0.859      |
| 18      | 0.843      |

| Degrees | Rel. Field |
|---------|------------|
| 19      | 0.827      |
| 20      | 0.810      |
| 21      | 0.792      |
| 22      | 0.774      |
| 23      | 0.756      |
| 24      | 0.737      |
| 25      | 0.718      |
| 26      | 0.698      |
| 27      | 0.678      |
| 28      | 0.658      |
| 29      | 0.638      |
| 30      | 0.617      |
| 31      | 0.597      |
| 32      | 0.576      |
| 33      | 0.555      |
| 34      | 0.535      |
| 35      | 0.514      |
| 36      | 0.494      |

| Degrees | Rel. Field |
|---------|------------|
| 37      | 0.473      |
| 38      | 0.453      |
| 39      | 0.433      |
| 40      | 0.414      |
| 41      | 0.394      |
| 42      | 0.375      |
| 43      | 0.357      |
| 44      | 0.338      |
| 45      | 0.320      |
| 46      | 0.303      |
| 47      | 0.286      |
| 48      | 0.269      |
| 49      | 0.253      |
| 50      | 0.237      |
| 51      | 0.222      |
| 52      | 0.207      |
| 53      | 0.193      |
| 54      | 0.179      |

| Degrees | Rel. Field |
|---------|------------|
| 55      | 0.166      |
| 56      | 0.154      |
| 57      | 0.142      |
| 58      | 0.130      |
| 59      | 0.119      |
| 60      | 0.109      |
| 61      | 0.099      |
| 62      | 0.090      |
| 63      | 0.082      |
| 64      | 0.073      |
| 65      | 0.066      |
| 66      | 0.059      |
| 67      | 0.052      |
| 68      | 0.046      |
| 69      | 0.040      |
| 70      | 0.035      |
| 71      | 0.030      |
| 72      | 0.026      |

| Degrees | Rel. Field |
|---------|------------|
| 73      | 0.022      |
| 74      | 0.019      |
| 75      | 0.016      |
| 76      | 0.013      |
| 77      | 0.011      |
| 78      | 0.008      |
| 79      | 0.007      |
| 80      | 0.005      |
| 81      | 0.004      |
| 82      | 0.003      |
| 83      | 0.002      |
| 84      | 0.001      |
| 85      | 0.001      |
| 86      | 0.001      |
| 87      | 0.000      |
| 88      | 0.000      |
| 89      | 0.000      |
| 90      | 0.000      |

### Elevation Pattern Tabulation

Antenna models: 6014, 6015, 6020, 6510, 6513, 6600, 68xx except 6832, & Versa2une, 2-bay half-wave-spaced.

Relative Field at 0° Depression = 1.000