

# Radiation Pattern Envelope

## ANTENNA 18 GHz 09M

### HIGH PERFORMANCE

| angle (°) | H/H (dB) | angle (°) | H/V (dB) | angle (°) | V/V (dB) | angle (°) | V/H (dB) |
|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
| 0         | 0        | 0         | -30      | 0         | 0        | 0         | -30      |
| 0.3       | -0.5     | 2         | -30      | 0.3       | 0        | 2         | -30      |
| 0.8       | -4.3     | 10        | -64      | 0.8       | -4.4     | 10        | -64      |
| 1.5       | -14.5    | 60        | -69      | 2.3       | -19.5    | 60        | -69      |
| 2.5       | -16      | 96        | -75      | 3.7       | -20      | 96        | -75      |
| 4         | -30.5    | 180       | -75      | 5         | -28      | 180       | -75      |
| 6         | -32      |           |          | 7.5       | -30      |           |          |
| 12        | -37      |           |          | 10        | -35      |           |          |
| 25        | -46      |           |          | 25        | -46      |           |          |
| 60        | -49      |           |          | 65        | -51      |           |          |
| 95        | -70.5    |           |          | 95        | -70.5    |           |          |
| 180       | -70.5    |           |          | 180       | -70.5    |           |          |

