

# Radiation Pattern Envelope

## ANTENNA 38 GHz 06M

### 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      |
| 0.1       | 0        | 1.5       | -30      | 0.1       | 0        | 1.5       | -30      |
| 0.2       | -0.5     | 5         | -47      | 0.2       | -0.4     | 5         | -47      |
| 0.3       | -1.2     | 12        | -55      | 0.3       | -1.1     | 12        | -55      |
| 0.5       | -3.2     | 20        | -55      | 0.5       | -3.2     | 20        | -55      |
| 0.7       | -6.6     | 30        | -57      | 0.7       | -7.2     | 30        | -57      |
| 1         | -10.5    | 50        | -60      | 1         | -13.6    | 50        | -60      |
| 1.5       | -13      | 70        | -62      | 1.5       | -17      | 70        | -62      |
| 2         | -17      | 180       | -62      | 2         | -21      | 180       | -62      |
| 3.5       | -20.5    |           |          | 3         | -27      |           |          |
| 6         | -35      |           |          | 5         | -29      |           |          |
| 9         | -35      |           |          | 8         | -35      |           |          |
| 15        | -43      |           |          | 14        | -45      |           |          |
| 20        | -45      |           |          | 20        | -45      |           |          |
| 63        | -49      |           |          | 28        | -48.5    |           |          |
| 90        | -62      |           |          | 40        | -52      |           |          |
| 180       | -62      |           |          | 65        | -55      |           |          |
|           |          |           |          | 90        | -62      |           |          |
|           |          |           |          | 180       | -62      |           |          |

