

# WI-FI MAGNETIC SMA ANTENNA



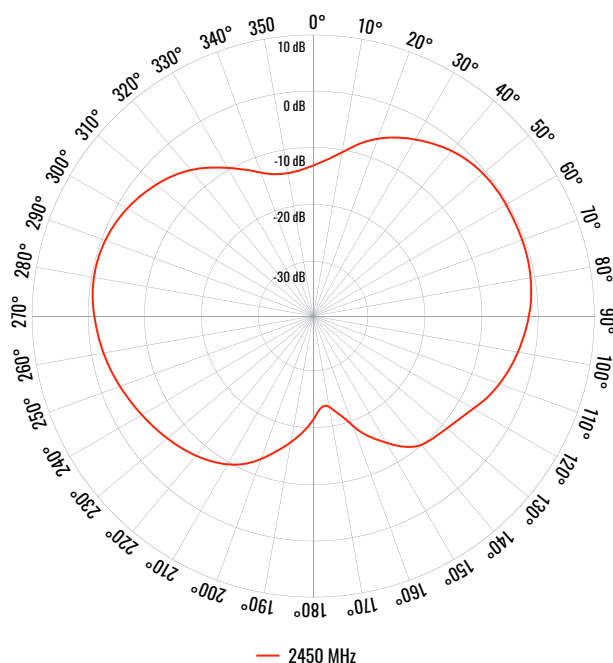
## Mechanical/Environmental

|                 |                 |
|-----------------|-----------------|
| Frequency range | 2400 ~ 2500 MHz |
| Polarization    | Linear          |
| Gain            | 3.0 dBi         |
| V.S.W.R         | 2.5             |
| Impedance       | 50 $\Omega$     |
| Cable           | RG174, 1500 mm  |
| Connector type  | RP-SMA Male     |
| Mounting method | Magnet          |
| RoHS compliant  | ✓               |

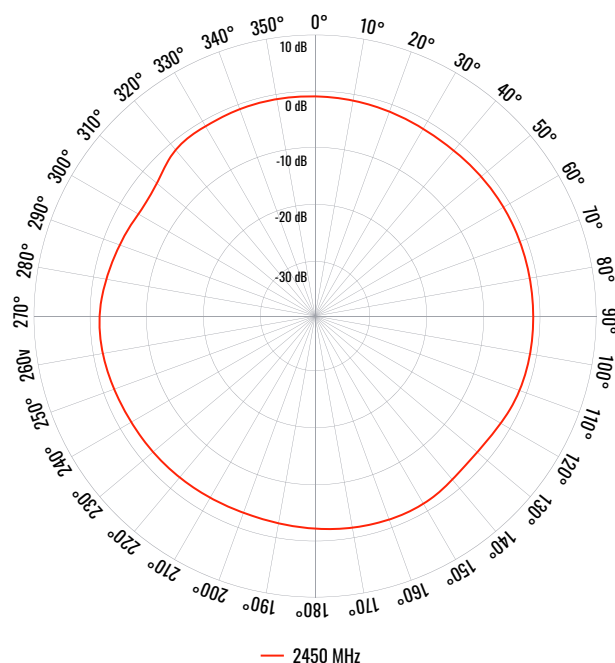
## Radiation patterns

### Wi-Fi - Antenna

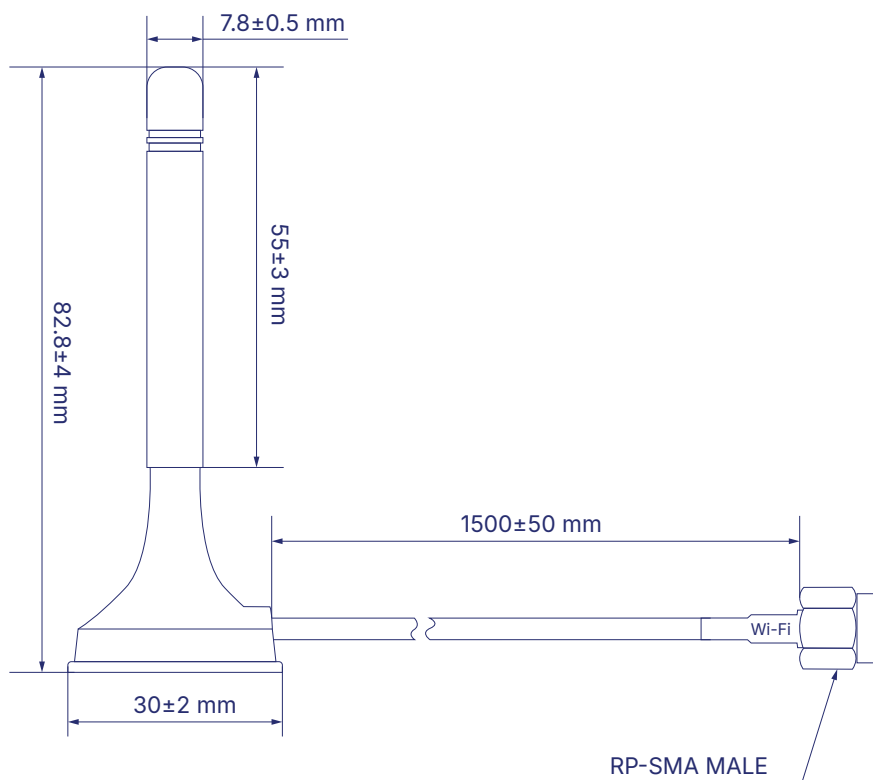
#### ELEVATION



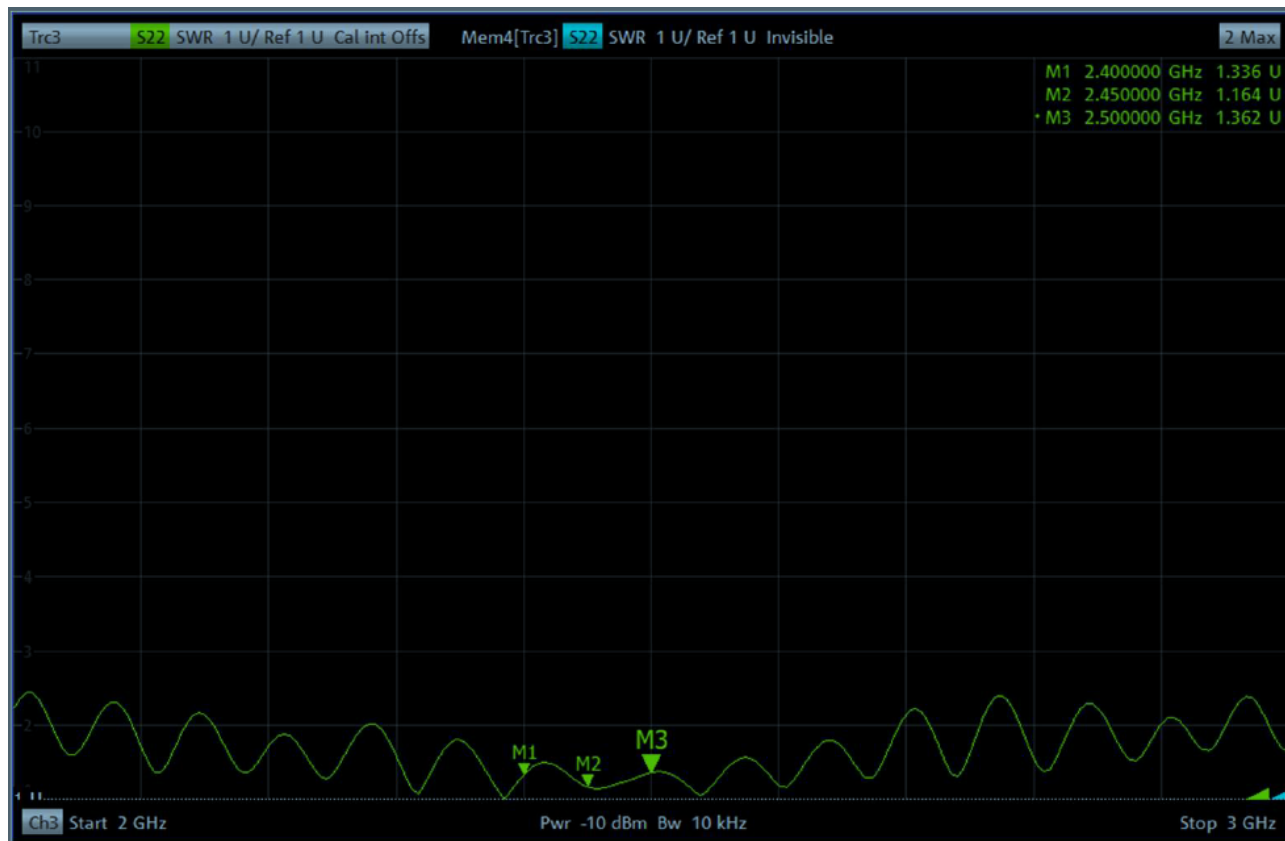
#### AZIMUTH



## Spatial measurements



## VSWR



| Frequency, MHz | VSWR  |
|----------------|-------|
| 2400           | ≤2.50 |
| 2450           | ≤2.50 |
| 2500           | ≤2.50 |

## ANTENNA EFFICIENCY & PEAK GAIN

| Frequency, MHz | Efficiency, dB | Efficiency, % | Peak Gain, dB |
|----------------|----------------|---------------|---------------|
| 2400           | -3.18          | 48.10         | 2.34          |
| 2450           | -3.21          | 47.71         | 2.72          |
| 2500           | -3.77          | 42.02         | 1.98          |