



RF ANTENNA

Description

2400-2500MHz High Power Omni Directional Antenna

PART NO: TE-OMNI-HP-2400-2500-25

Features

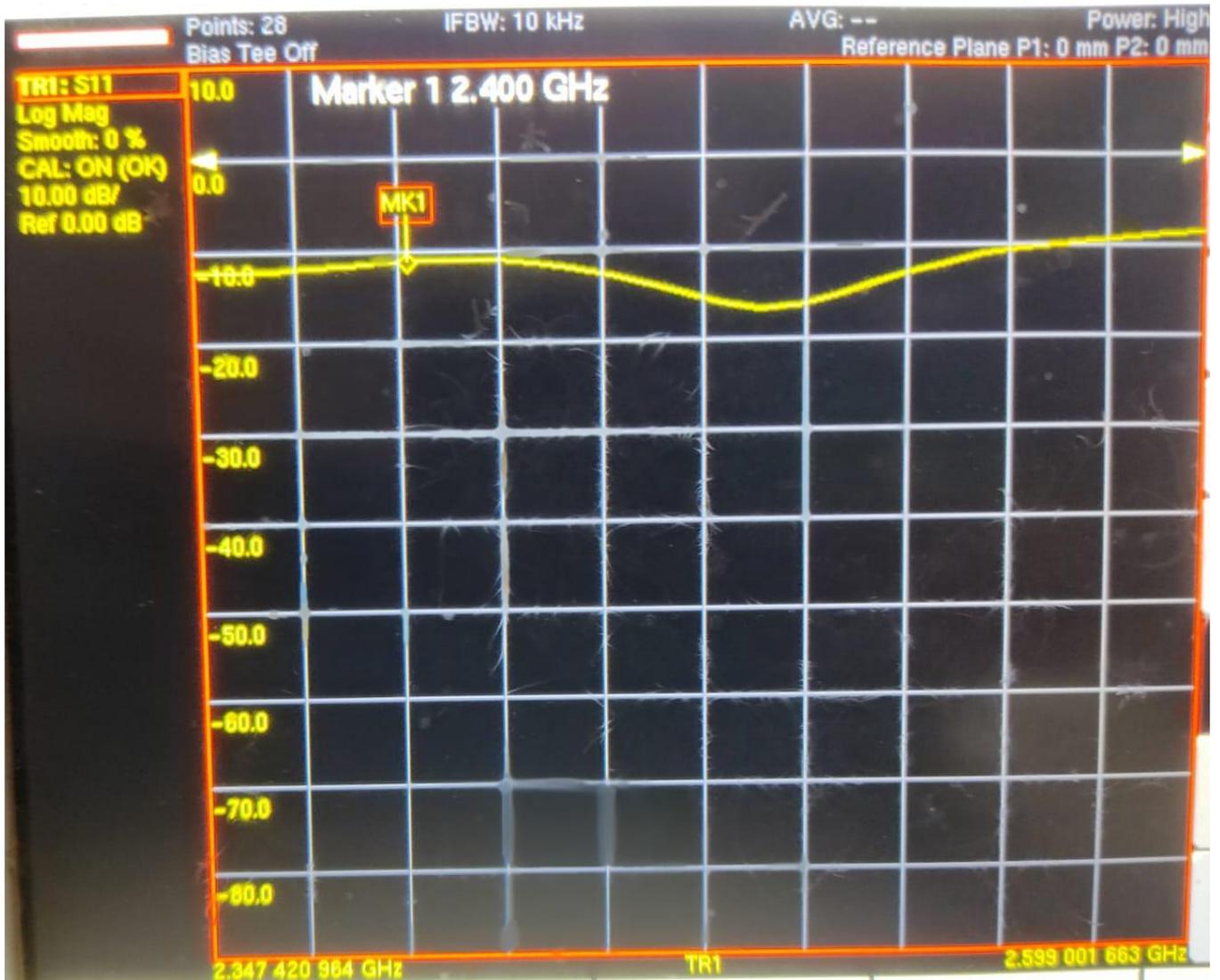
- Low VSWR
- **Wide EI Beamwidth**
- **High Power Handling**
- Long-distance communication,
- High quality Fiber Glass material
- Suitable for used in transmission path

Specification

| | |
|-----------------------|---------------------|
| Frequency range | 2400 – 2500MHz |
| Gain | >2.5dbi |
| Input impedance | 50Ω |
| VSWR (Max) | <2.0 |
| Polarization | Linear |
| Beamwidth | 360 x > 60 deg |
| Max. power handling | >100W |
| Connector | N female |
| Dimension | 270*40 mm |
| Weight | Less than 500 grams |
| Operating temperature | -30 °C to 60 °C |
| humidity | 5-95% |
| Antenna Colour | Green |

TE TECH SOLUTION

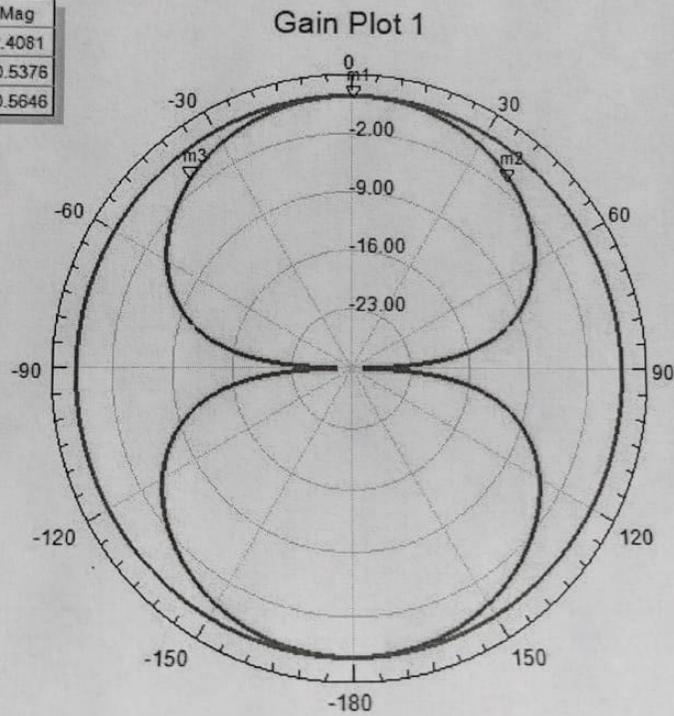
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| Name | Theta | Ang | Mag |
|------|----------|----------|---------|
| m1 | 1.0000 | 1.0000 | 2.4081 |
| m2 | 40.0000 | 40.0000 | -0.5376 |
| m3 | -40.0000 | -40.0000 | -0.5646 |

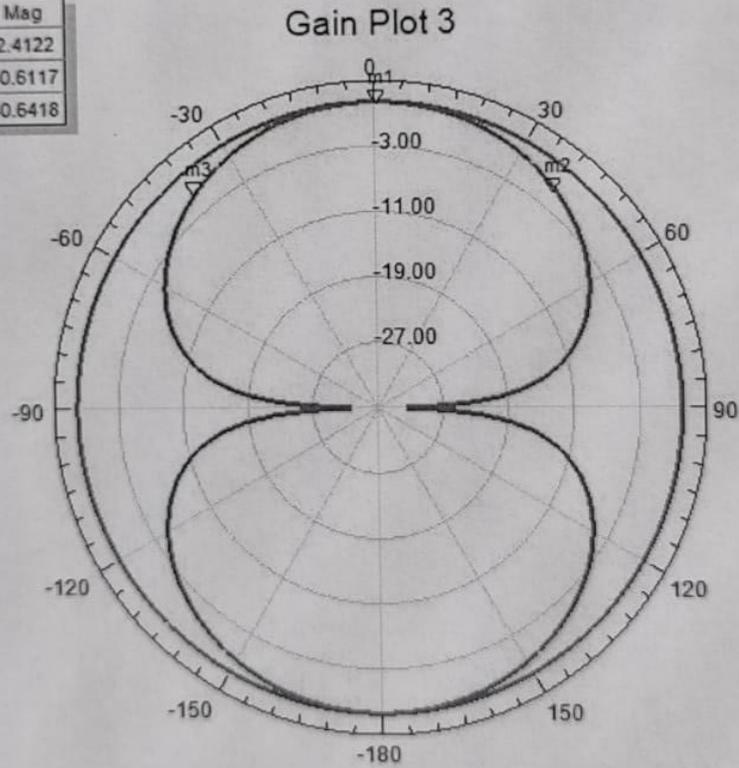


| HFSSDesign1 | |
|-------------------------|---------------|
| Curve Info | |
| — | dB(GainTotal) |
| Setup 1 : Sweep | |
| Freq=2.4GHz' Phi=0deg' | |
| — | dB(GainTotal) |
| Setup 1 : Sweep | |
| Freq=2.4GHz' Phi=90deg' | |

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| Name | Theta | Ang | Mag |
|------|----------|----------|---------|
| m1 | 1.0000 | 1.0000 | 2.4122 |
| m2 | 40.0000 | 40.0000 | -0.6117 |
| m3 | -40.0000 | -40.0000 | -0.6418 |



HFSSDesign1 ▲

| Curve Info | |
|-------------------------|---------------|
| — | dB(GainTotal) |
| Setup1 : Sweep | |
| Freq=2.5GHz' Phi=0deg' | |
| — | dB(GainTotal) |
| Setup1 : Sweep | |
| Freq=2.5GHz' Phi=90deg' | |

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