



## Tango 46

Mini bolt-through 3G/4G Antenna

### Key Features

- Compact size
- 2dBi peak gain
- Weather resistant



### General Description

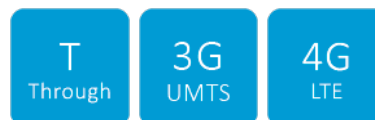
The Tango 46 mini antenna is for use with 3G/4G signals, achieving its small size by confining its frequency range to 3G and 4G only and with a credible 2dBi peak gain.

The antenna comes with a rubber O ring for use on its stud whilst bolting it to a panel or box helping to achieve a weather resistant seal.

Supplied as standard with 100mm of cable and an IPEX connector for simple PCB connection. Alternative cable lengths and connector types may be specified for volume orders.

### Additional Considerations

- Excellent for limited space applications
- Use as part of an embedded system





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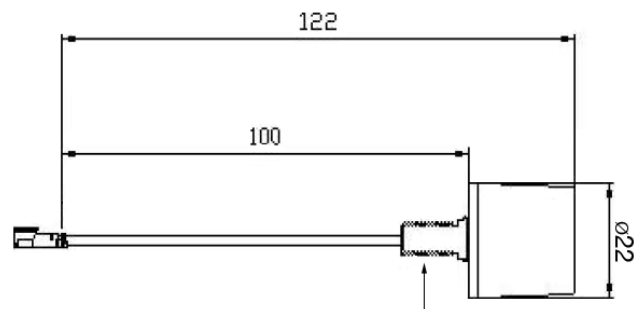
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### Electrical Specifications

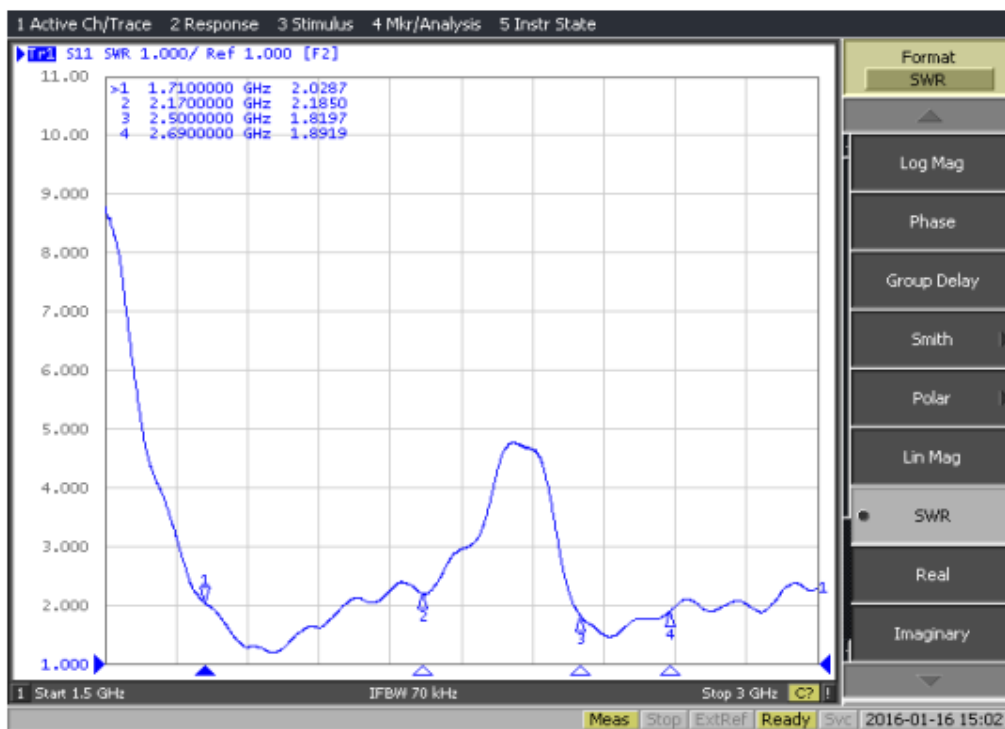
Operating Temperature:	-30°C - +60°C
Input impedance:	50 Ohm
Peak Gain:	2dBi
VSWR:	≤2.2
Frequency:	1710 - 2170/2500 - 2700MHz
Max Power:	1W
Beamwidth:	H-Plane - 360° E-Plane - 52°
Polarization:	Vertical

### Mechanical Specifications

Dimensions:	Ø 22 x 22mm
Cable:	RF1.13
Connector:	IPEX
Radome Material:	ABS
Mounting Method:	6.2mm D Screw
Maximum Material Thickness:	6mm



### VSWR

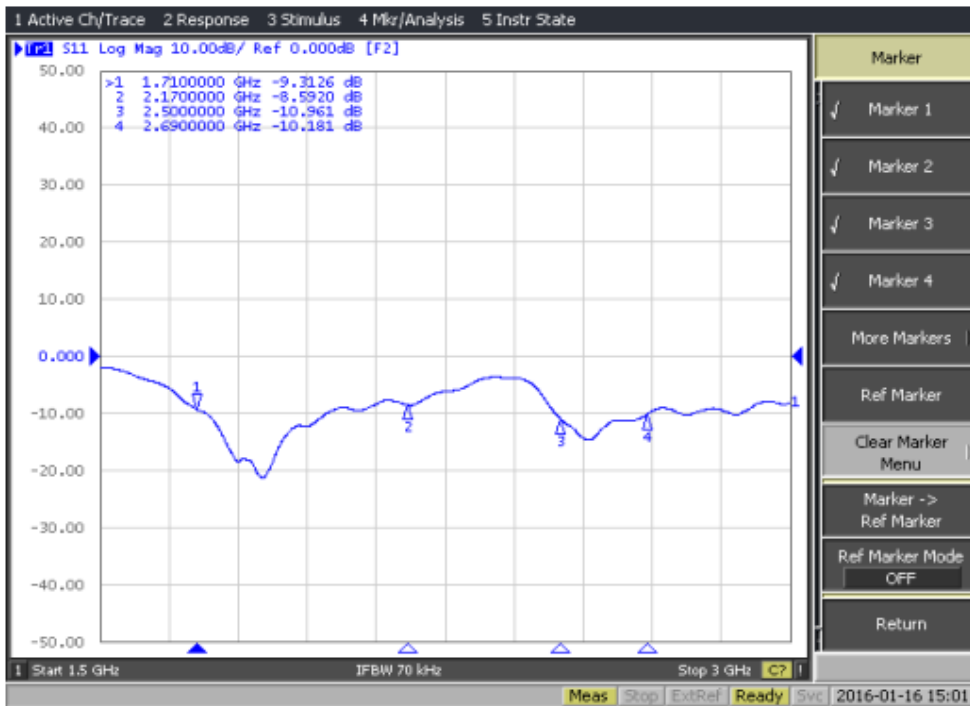




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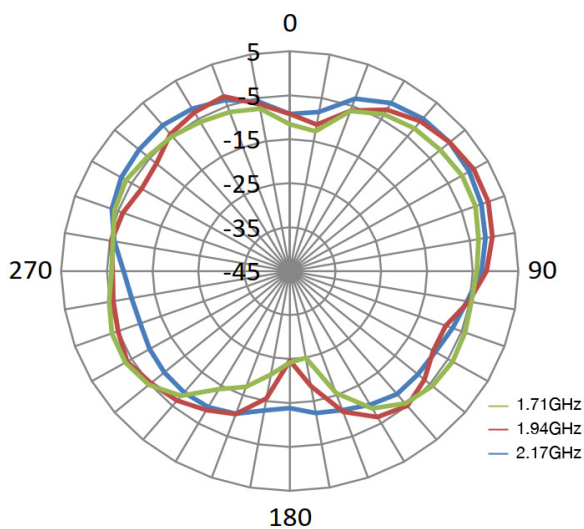
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### Return Loss

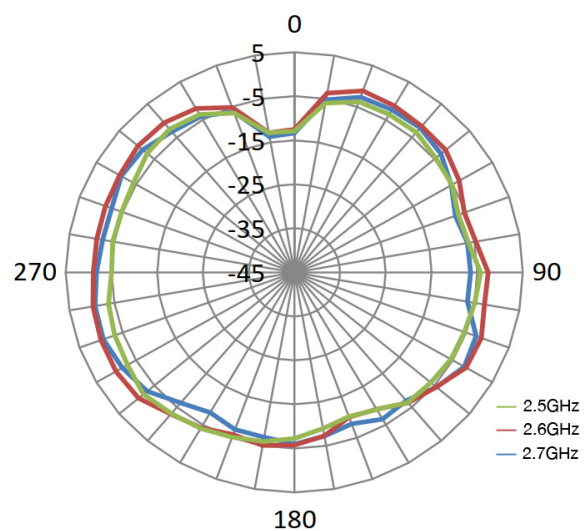


### Radiation Patterns

#### E-Plane 1.7 - 2.1GHz



#### E-Plane 2.5 - 2.7GHz

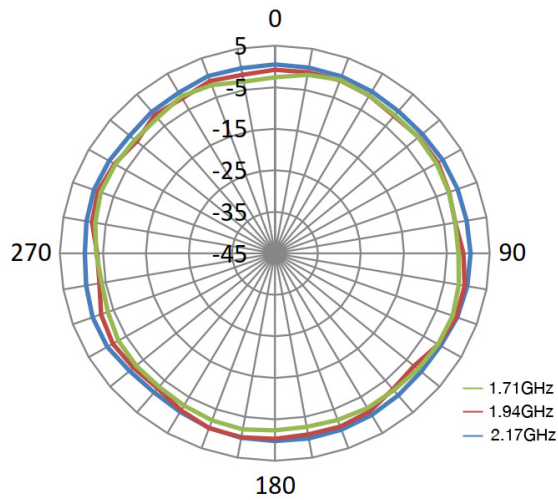




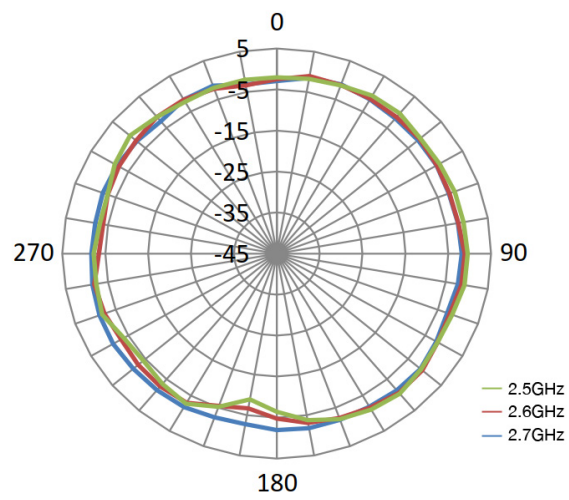
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### H-Plane 1.7 - 2.1GHz



### H-Plane 2.5 - 2.7GHz



## Ordering Details

Part Number	Description
TANGO46/0.1M/IPEX/S/S/29	Mini bolt-through 3G/4G Antenna