



Tango 44

2G/3G/4G & WiFi through hole mount puck Antenna



Key Features

- 4dBi Peak Gain (upper freq band)
- Low loss cable
- ISM bands, GPRS, UMTS, LTE, WiFi, Bluetooth and full Zigbee band allocation

General Description

The Tango 44 is a wide band antenna with an even spread performance across the usable spectrum which allows it to be used in the upper ISM bands, GPRS, UMTS, LTE, WiFi, Bluetooth and the Zigbee band allocation.

The Tango 44 family covers most LTE bands with its 700-960MHz band along with the 1575 - 2700MHz band.

Supplied as standard with SMA male connectors in three cable lengths, 1, 2.5 and 5m. Alternative cable lengths and connectors can be specified for volume orders.

Additional Considerations

- Very wide operating temp range
- Weather resistant
- Best for cellular signal coverage in the following bands:
 - 2G Band 9 (E-GSM-900)
 - 2G Band 3 (DCS-1800)
 - 3G Band 8 (E-GSM-900)
 - 3G Band 1 (IMT-2100)
 - 4G Band 20 (800)





Tango 44

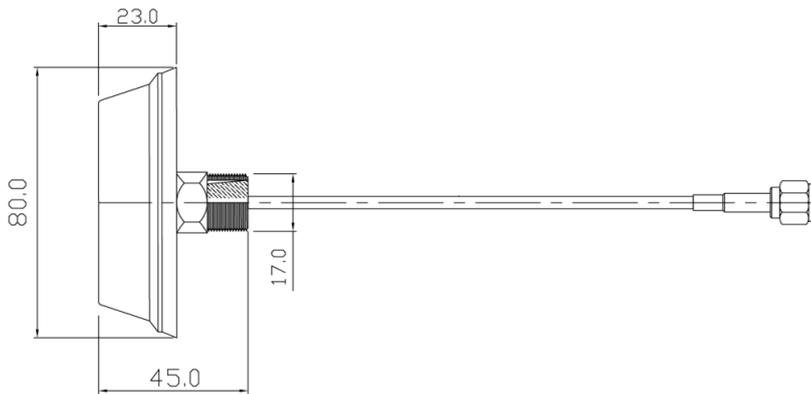
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Electrical Specifications

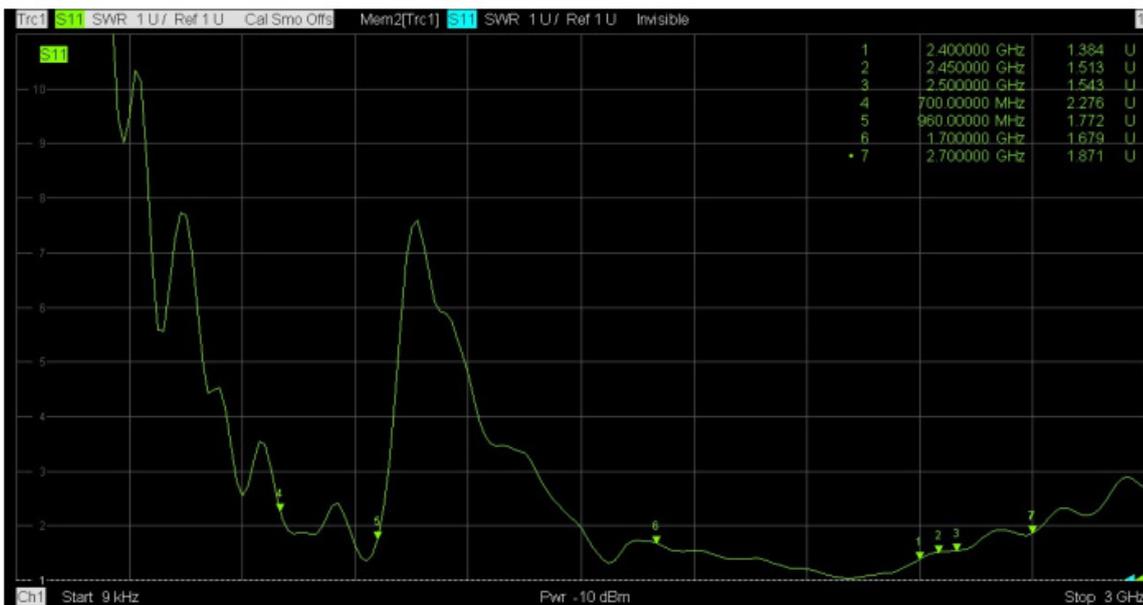
Operating Temperature:	-40 - +85 °C
Humidity:	40% - 95% RH
Peak Gain:	1 / 4dBi
VSWR:	≤2.3
Frequency:	700 - 960/1575 - 2700MHz
Polarization:	Linear Vertical
Maximum Power:	50W

Mechanical Specifications

Dimensions:	Ø 80 x 23mm
Cable:	RG174
Connector:	SMA Male
Mounting Method:	M17mm Ø Pitch 1.25
Maximum Material Thickness:	10mm



VSWR

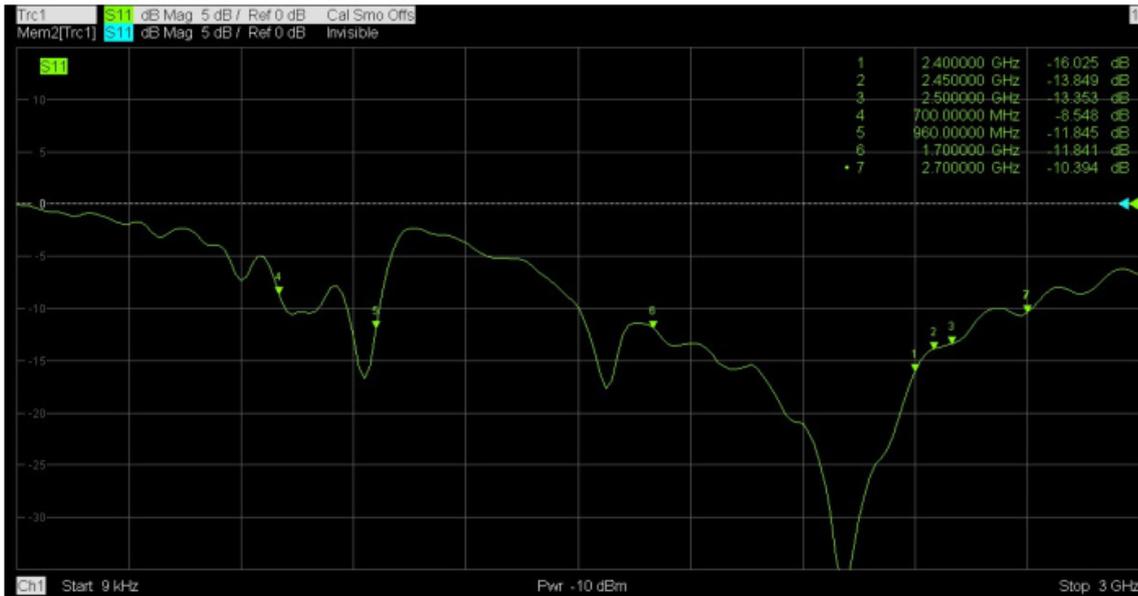




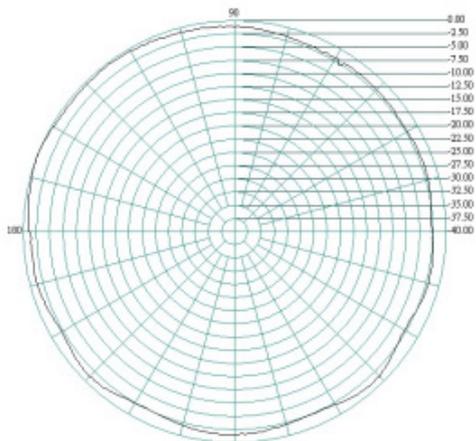
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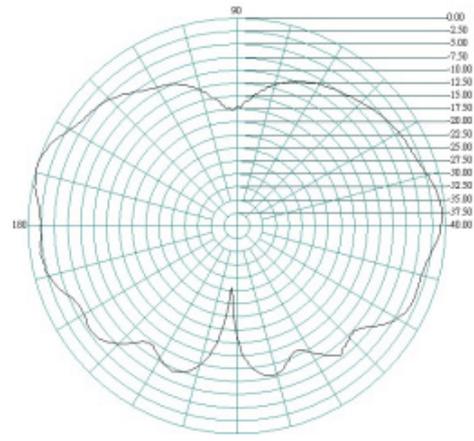
Return Loss



H-PLANE



E-PLANE



Ordering Details

Part Number	Description
TANGO44/1M/LL/SMAM/S/S/19	2G/3G/4G & WiFi through hole mount 1M low loss cable puck Antenna
TANGO44/2.5M/LL/SMAM/S/S/19	2G/3G/4G & WiFi through hole mount 2.5M low loss cable puck Antenna
TANGO44/5M/LL/SMAM/S/S/19	2G/3G/4G & WiFi through hole mount 5M low loss cable puck Antenna