

Features

- **Trilog Antenna for EMC /EMI Testing & Tx applications**
- **Frequency Range : 20MHz – 7GHz**
- **Impedance - 50Ω (Nominal)**
- **Individual calibration as per ANSI 63.5/ CISPR 16-1-6**
- **Peak Gain 7 dBi**
- **One year standard warranty.**



Description

The AN-TRI-0306HP is a broad-band linearly polarized antenna. The antenna is a combination of bi-conical and log-periodic elements and is engineered to cover the frequency range of the combination (20-7000 MHz). The antenna is suitable for use as an EMI test antenna, for compliance measurements as per most regulatory requirements, covering a frequency range that would otherwise require three separate conventional antennae to cover the same frequency range.

Typical applications of the antenna includes EMC Radiated immunity, site surveys, shielding effectiveness among others.

The antenna is available with N Type female termination. The antenna can be mounted using a 22mm diameter stock/stinger mount, compatible with most EMC masts. Threaded mounting adaptors are also available optionally.

Specifications*

Model	AN-TRI-0306HP
Frequency Range	20 – 7000 MHz
VSWR	<2.5 (Averaged from 30-7000MHz)
Antenna Factor (dB/m)	5 – 43 (dB/m)
Max Continuous Power	1000 W (20-1400MHz) 400W (7000MHz)
Polarisation	Linear
Connector Type	N Type Female
Dimensions (L x W x H)	1500*1350*550 mm
Weight	5kg
Environmental	-20°C to +40°C
Mounting	22mm diameter tube
Applications	Radiated Immunity, SE

* Nominal values, subject to change without notice.

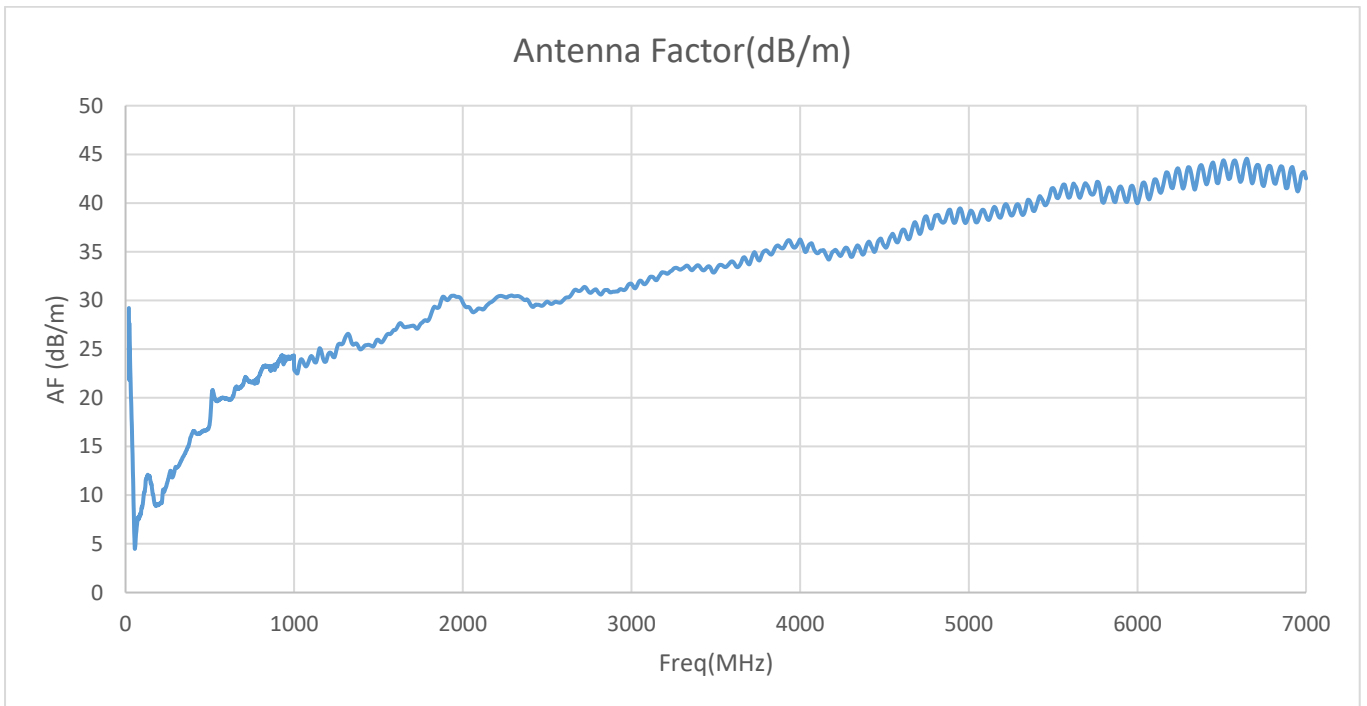
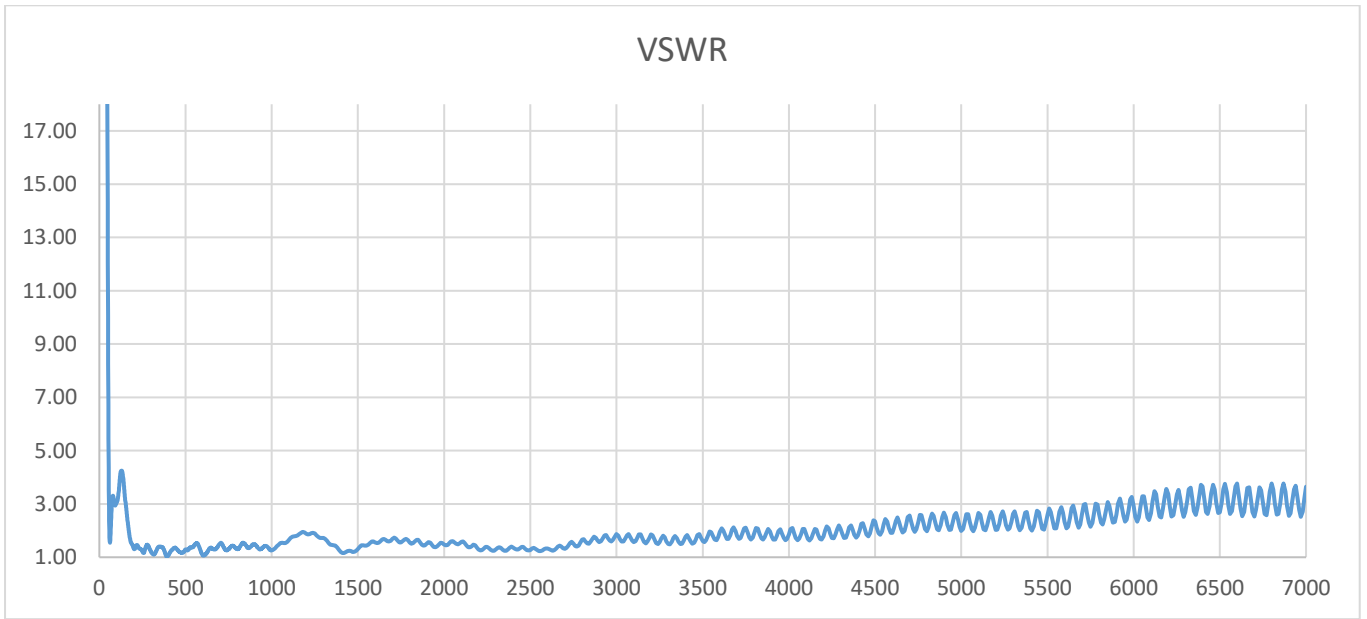
Calibration

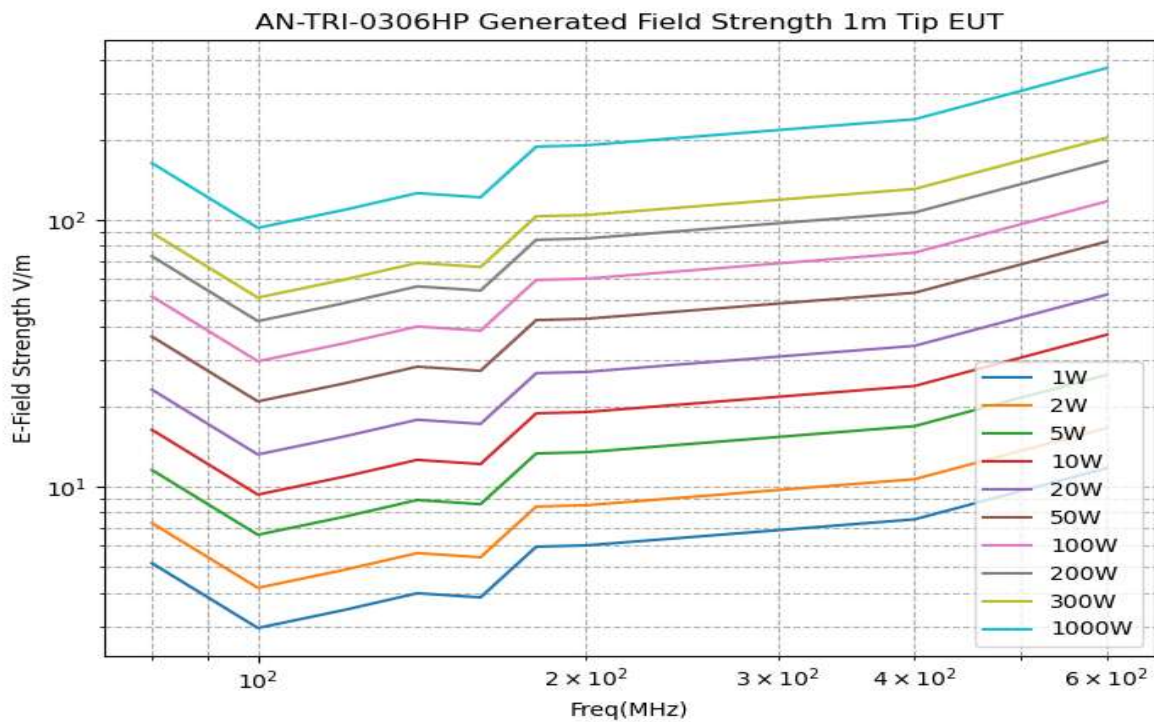
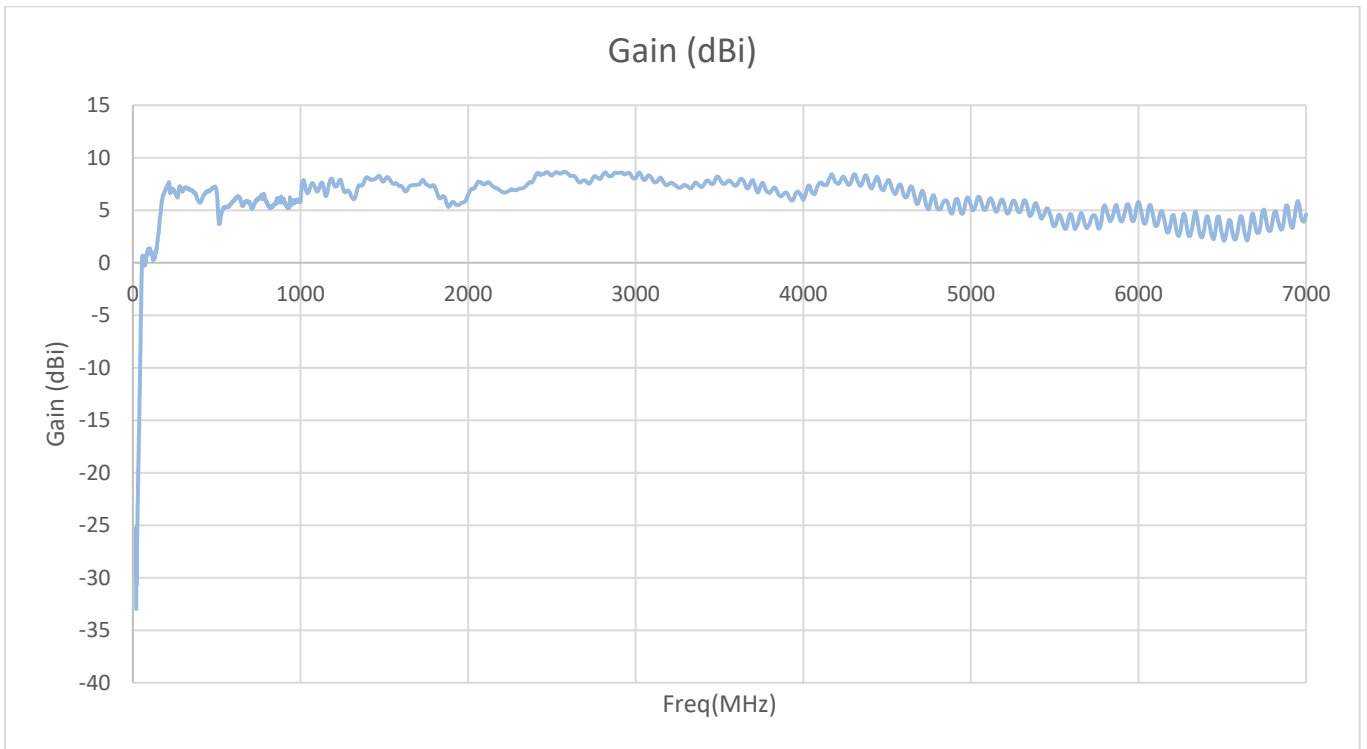
Each antenna is individually calibrated (traceable) at an Open Area Test Site as per ANSI 63.5 or CISPR 16-1-6. 17025 Accredited calibration is available upon request.

Related Products

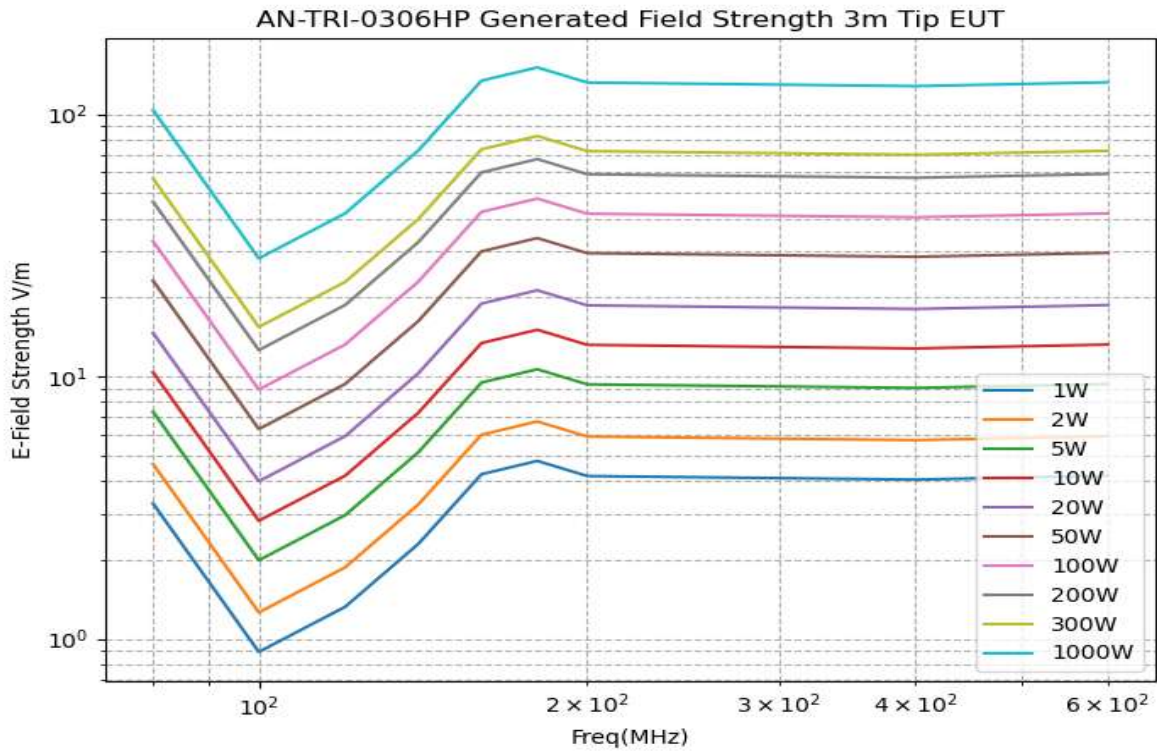
MAS_FG_03

Modular telescopic non reflective fibre glass mast





Note : Power indicated is the Forward Power measured at the input to the Antenna connector



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