

Features

- **Bi-log Antenna for Radiated Immunity Testing & Tx applications**
- **Frequency Range : 20MHz – 2GHz**
- **Impedance - 50Ω (Nominal)**
- **One year standard warranty.**



Description

The AN-BI-0320HP 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 (20-2000 MHz). The antenna is suitable for use as an EMI test antenna, for immunity 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, shielding effectiveness etc.

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

Specifications*

Model	AN-BI-0320HP
Frequency Range	20 – 2000 MHz
Antenna Factor (dB/m)	4 – 35 (dB/m)
Max Continuous Power	1000 W
Polarisation	Linear
Connector Type	N Type Female
Dimensions (L x W x H)	1100 x 1520 x 510 mm
Weight	~4 Kg
Environmental	-20°C to +40°C
Mounting	22mm diameter tube
Applications	Radiated Immunity, SE

* Nominal values, subject to change without notice.

Calibration

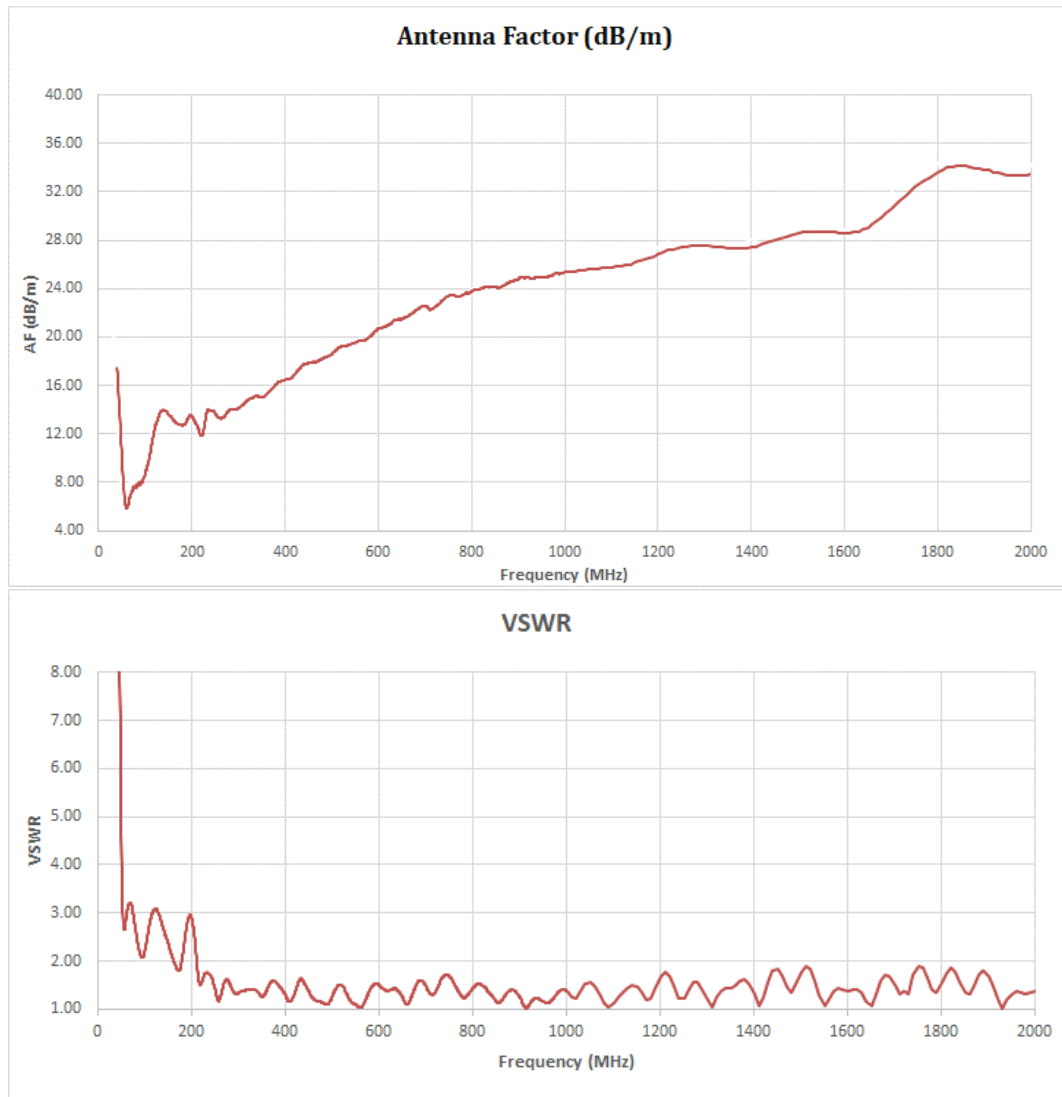
Antenna is individually calibrated (traceable) at an Open Area Test Site as per ANSI 63.5 or CISPR 16-1-6. 17025 Accredited calibration is available upon request.

Related Products

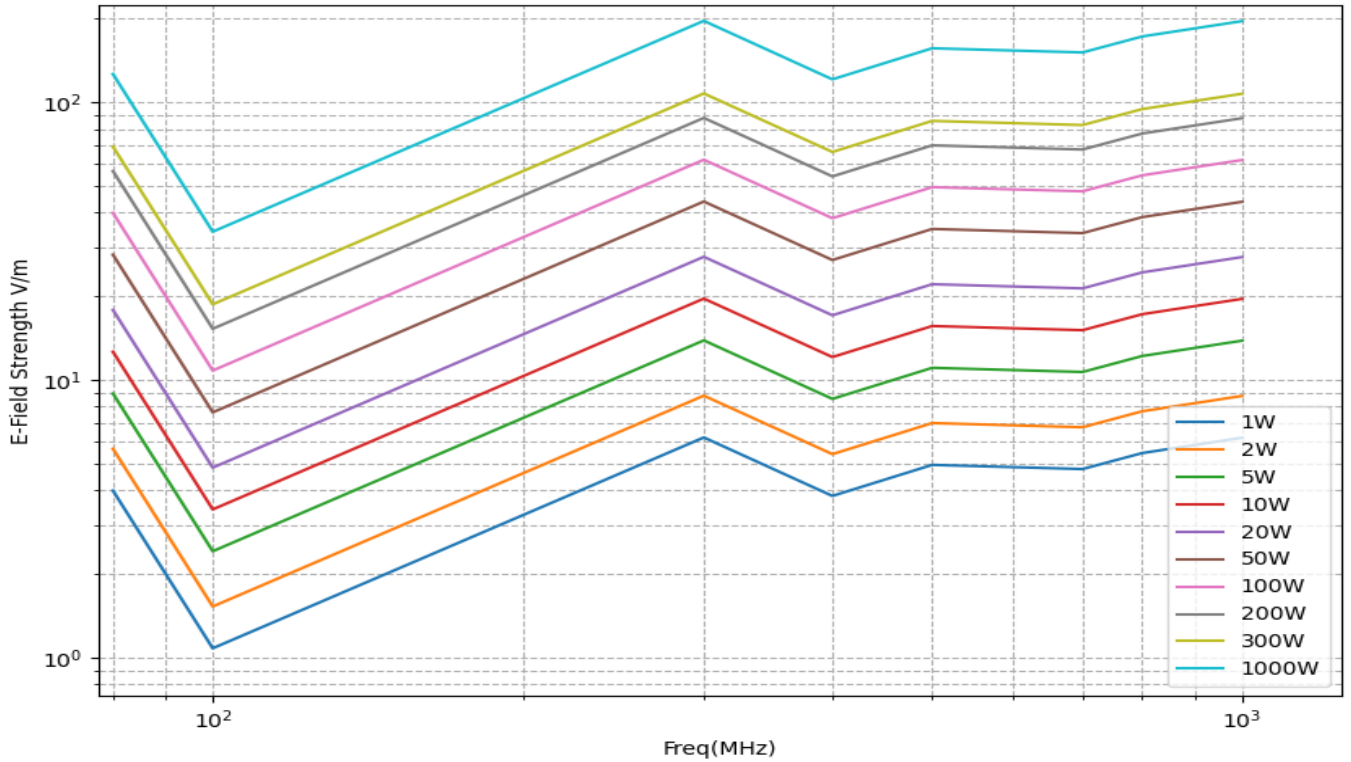
MAS_FG_03

Modular telescopic non reflective fibre glass mast

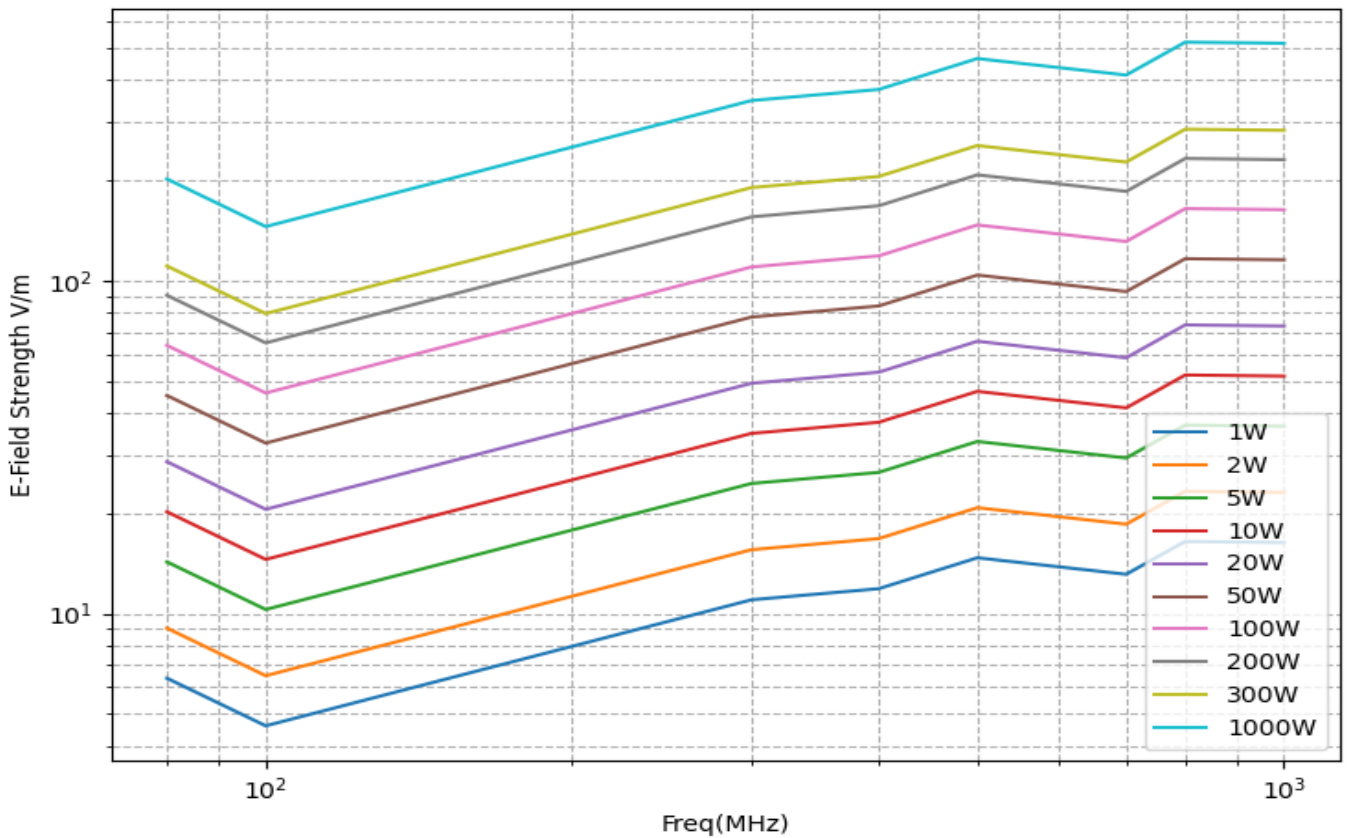
Typical Antenna Performance



ANBI-0320-HP Generated Field Strength 3m Tip EUT



ANBI-0320-HP Generated Field Strength 1m Tip EUT



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