

- Conventional VHF broadband test antenna
- Lightweight and compact

The VBA 6106A is suitable for CISPR/EN, FCC and MIL-STD testing across the frequency range 30-300MHz.

This antenna is ideal for automatic test systems as it does not require mechanical or external tuning. It has a 'smooth' antenna factor with no sharp resonances. The VBA 6106A can be used for open site measurements or inside shielded or anechoic chambers.

The VBA 6106A can be used for radiated susceptibility measurements, with a maximum input power of 10 Watts.



VBA 6106A
mounted on optional
tripod CTP 6097A

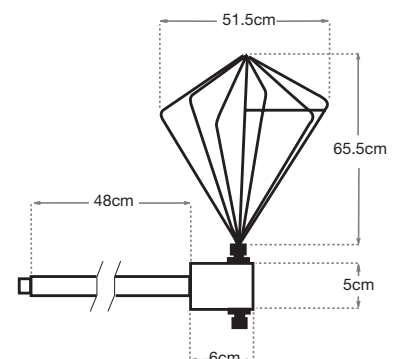
Options

UKAS Calibration

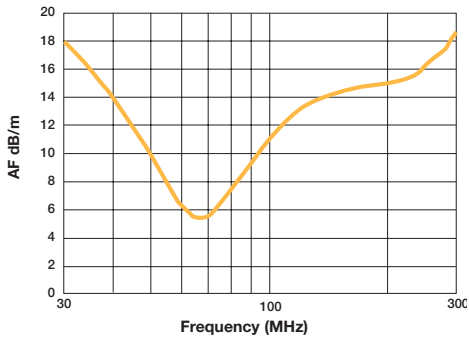
CHA 9456 - Spare cone

Schaffner EMC Systems is UKAS accredited for antenna calibration and can offer a UKAS calibration as an additional costed option.

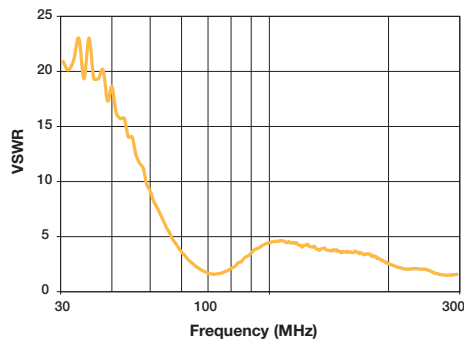
UKAS calibration provides reduced measurement uncertainties and additional data includes the voltage reflection coefficient for calculation of measurement uncertainties. Data is provided on disk as well as in graphic and tabulated format as hard copy.



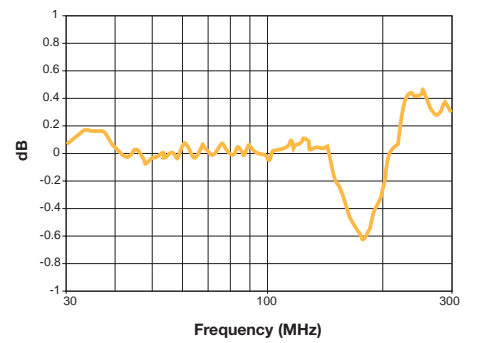
Typical Antenna Factor



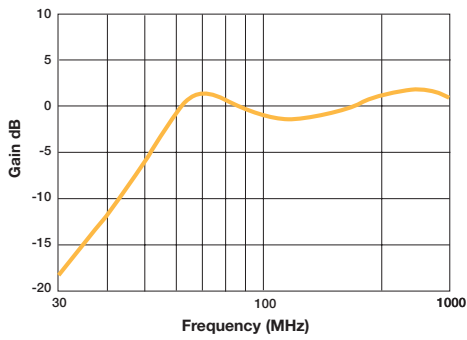
Typical VSWR



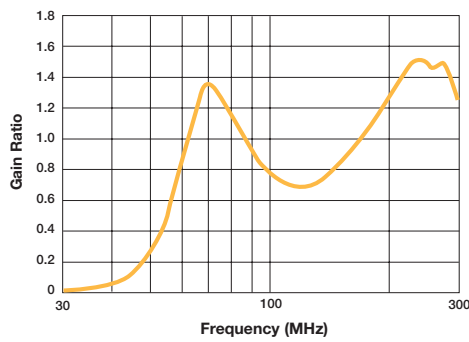
Typical Balance



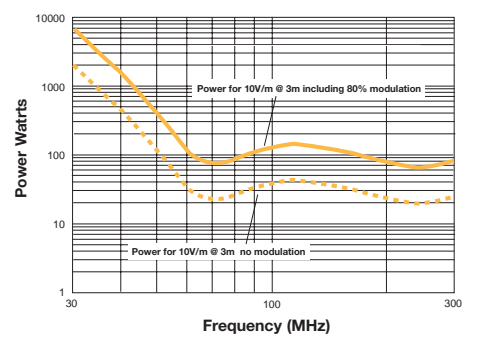
Gain [dB]



Gain Ratio



10V/m Power Requirement



Technical Specifications

VBA 6106A

Frequency range	30 - 300MHz	Max. input power	10 Watts
Impedance	50Ω Nominal	Weight	1.26kg
Connector	N Female		