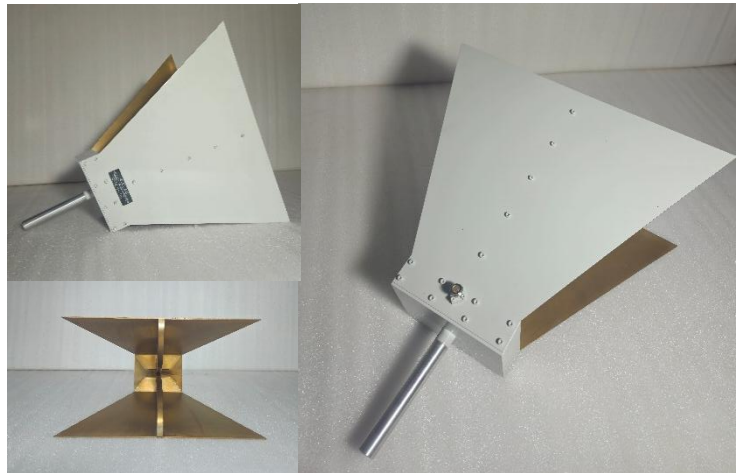


Features

- **Double Ridge Horn Antenna for EMC /EMI Testing & Tx / Rx applications**
- **Frequency Range: 0.5 – 6 GHz**
- **Impedance - 50Ω (Nominal)**
- **VSWR (Max 3)**
- **Individual calibration as per ANSI 63.5/ SAE ARP 958**
- **One year standard warranty.**



Description

The ANDRH-500M6G is a linearly polarized double ridged waveguide horn antenna. It is designed to operate over the frequency range of 0.5-6 GHz with a return loss better than -10 dB. The useable frequency range is from 0.4-6.5 GHz.

The antenna is engineered for durability and ruggedness. Typical applications include EMC (radiated emissions and immunity), shielding effectiveness, interference monitoring, site surveys and other general Tx / Rx purpose. For outdoor applications, a radome mounted version is also available.

The antenna is available with N -F Type connector and has a special frame with adapters that can be mounted on EMC masts form most vendors. Threaded mounting adaptors are also available optionally.

Specifications*

Model	ANDRH-500M6G
Frequency Range	0.5 - 6 GHz
Nominal Gain	11dBi
Max Continuous Power	300 W
Dimensions	Line Diagram Attached
Weight	4.5Kg
Connector Type	N - F Type
Environmental	-20°C to +40°C
Mounting	Special Frame with adapters to mount on all commercial EMC masts
Applications	Radiated Emission/ Immunity, SE, Site Surveys, Tx / Rx

* Nominal values, subject to change without notice.

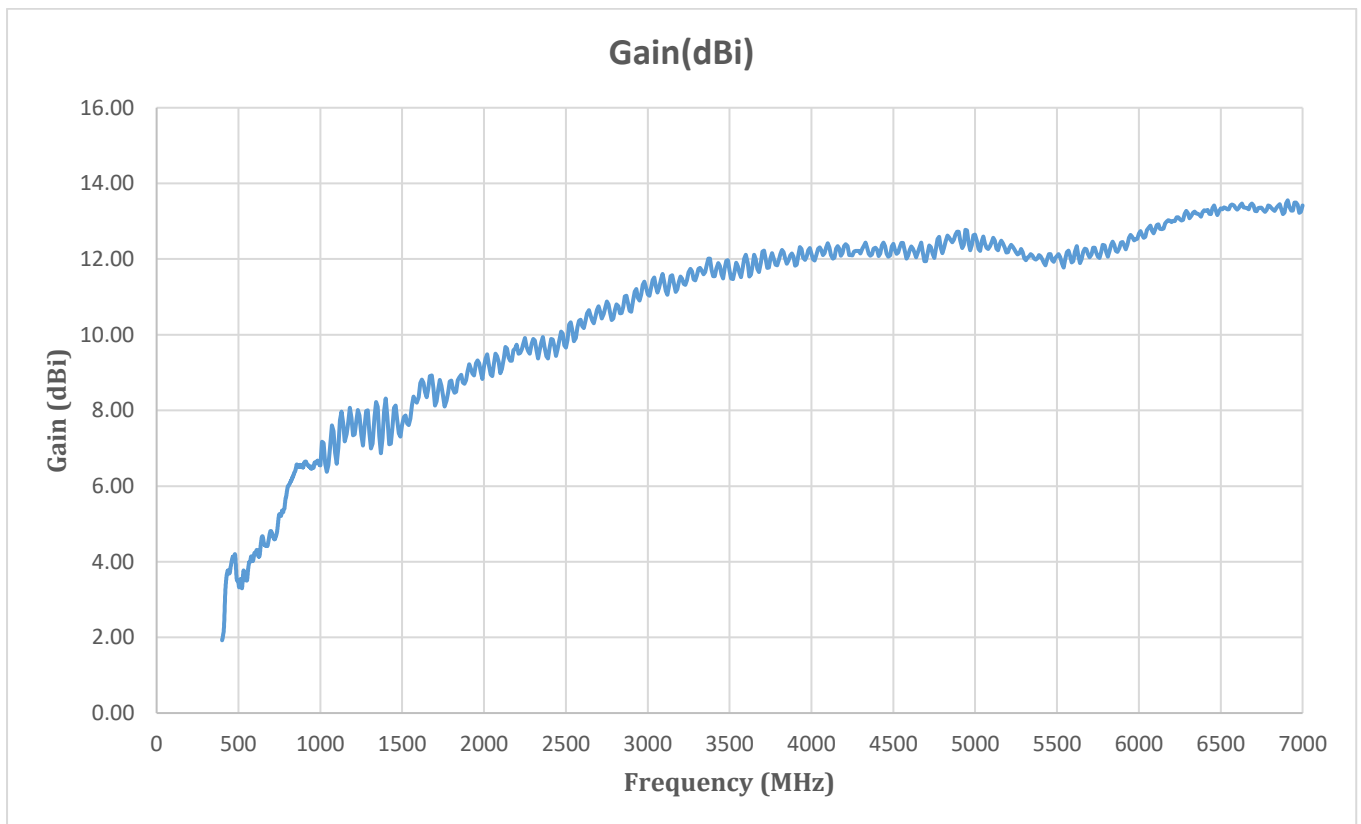
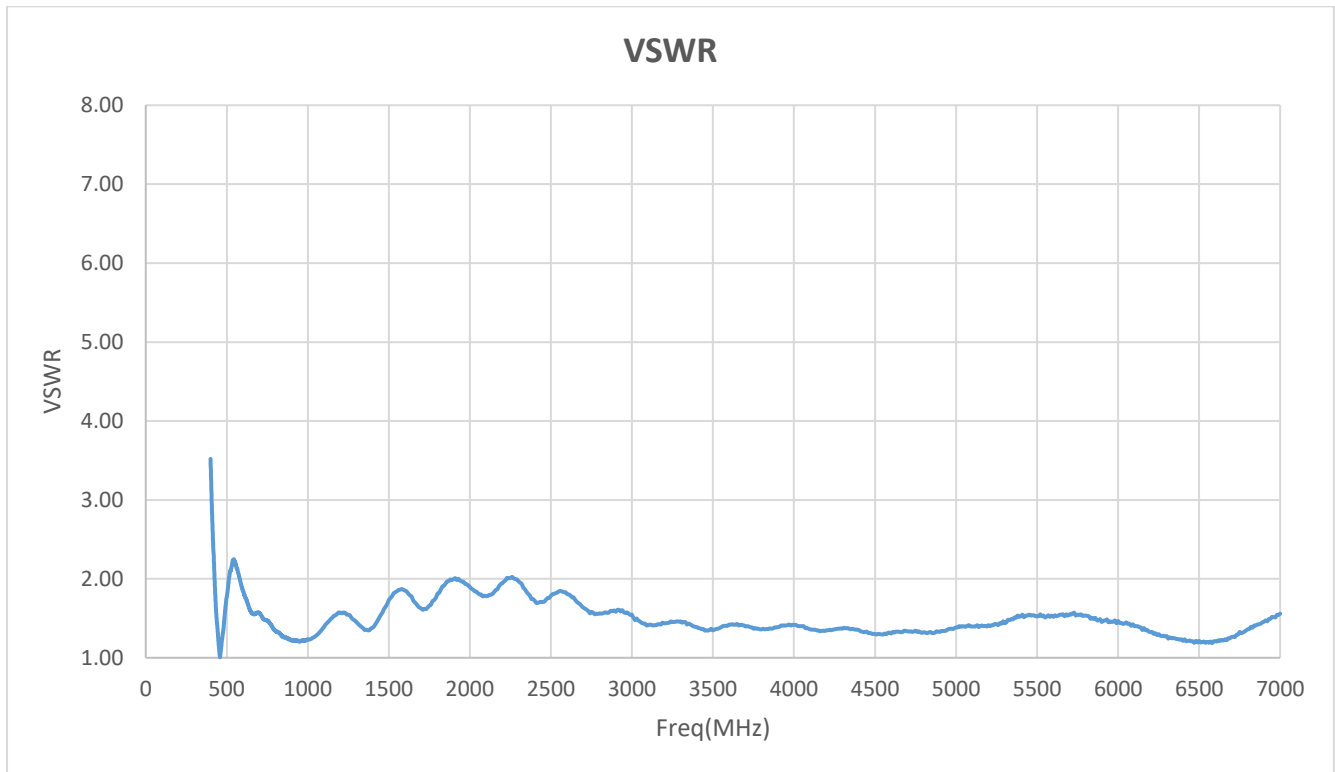
Calibration

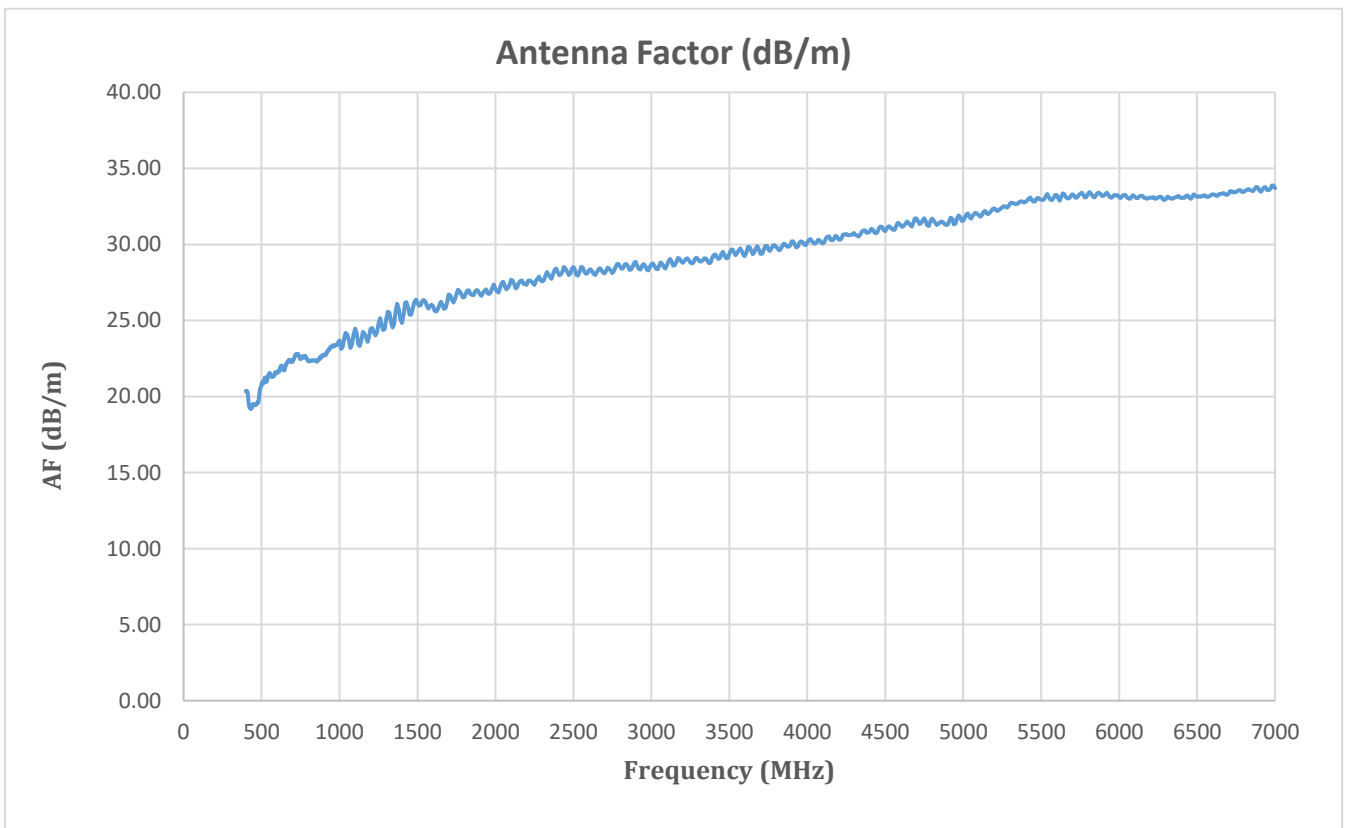
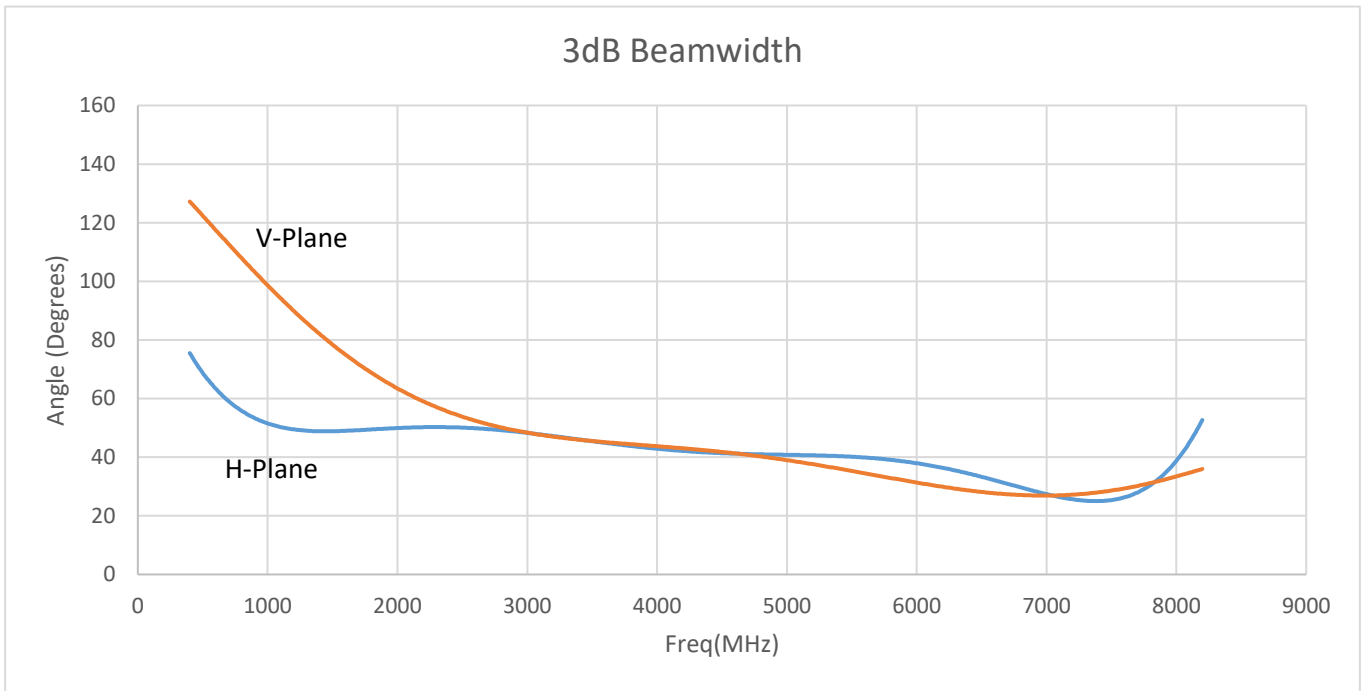
Each antenna is individually calibrated (traceable) at an Open Area Test Site as per ANSI 63.5 or SAE ARP 958. 17025 Accredited calibration is available upon request.

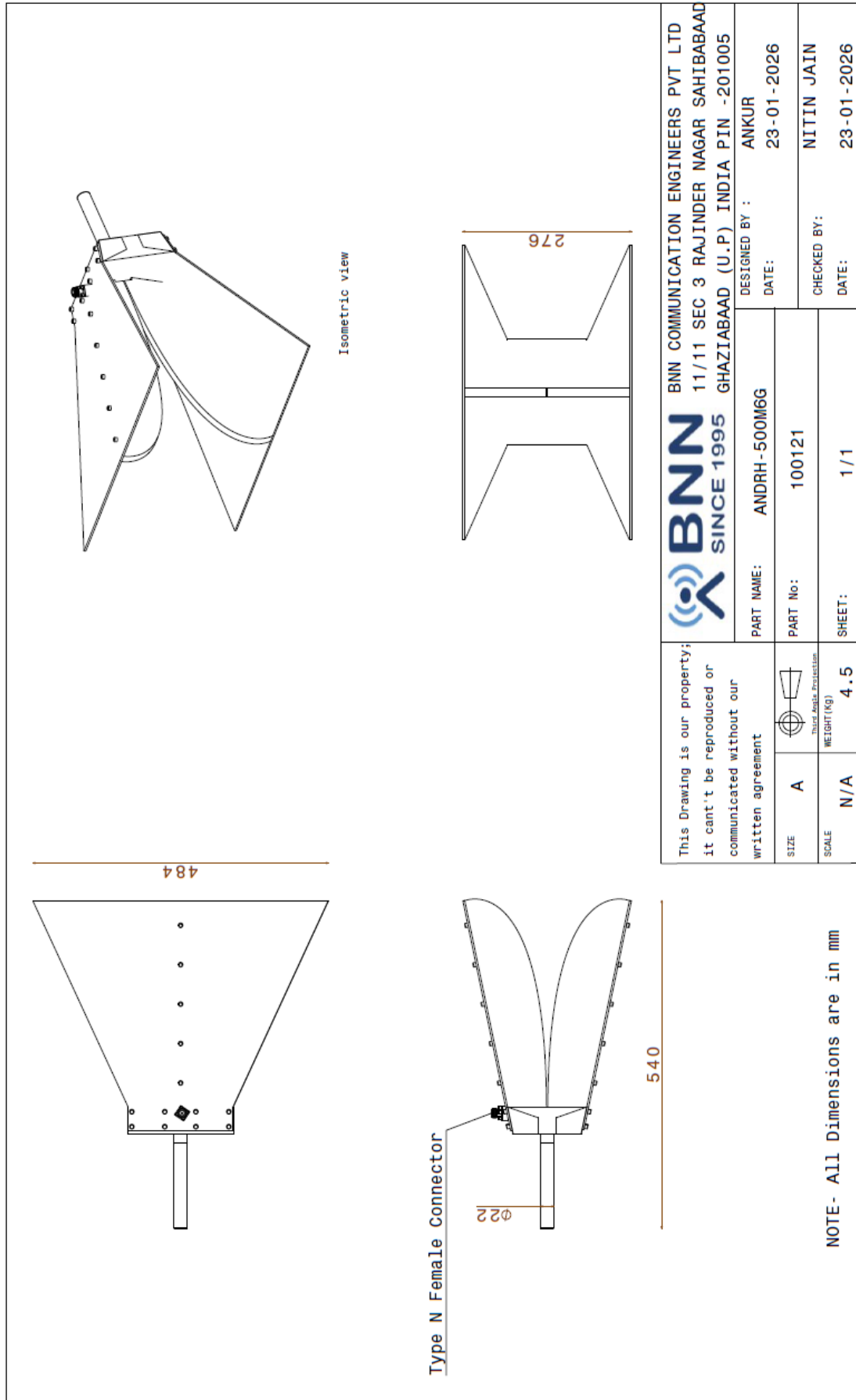
Related Products

MAS_FG_03


Modular telescopic non reflective fibre glass mast







<p>This Drawing is our property; it can't be reproduced or communicated without our written agreement</p>	<p>SIZE A</p>	<p>WEIGHT (KG) 4.5</p>	<p>Third Angle Projection</p>
	<p>SCALE N/A</p>	<p>WEIGHT (KG) 4.5</p>	
	<p>SCALE N/A</p>	<p>WEIGHT (KG) 4.5</p>	
<p>DESIGNED BY : ANKUR</p>		<p>DATE: 23-01-2026</p>	
<p>DATE: 23-01-2026</p>		<p>CHECKED BY: NITIN JAIN</p>	
<p>DATE: 23-01-2026</p>		<p>DATE: 23-01-2026</p>	


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PART NAME: ANDRH-500M6G
PART No: 100121
SHEET: 1 / 1

NOTE- All Dimensions are in mm

Radiation Patterns

