

Features

- **Log-Periodic Antenna for EMC applications**
- **Frequency Range: 70 – 3000 MHz**
- **Gain 3.5-12 dBi**
- **Impedance - 50Ω (Nominal)**
- **Precision construction**
- **Material – Aluminium**
- **Individual calibration as per ANSI 63.5 / SAE ARP 958**



Description

The AN-SLPDA-703GHP is a stacked log periodic dipole array antenna, specially designed for EMC/EMI compliance testing in accordance with ANSI/CISPR/SAE ARP test standards. The ruggedized aluminium construction of the antenna allows it to be used in both indoor and outdoor laboratory environments. Each individual antenna is precision manufactured, tested, and calibrated before delivery. The rear elements of the antenna can be disassembled quickly without any need for additional tools. The antenna is capable of handling power levels up to 1000W for immunity tests.

The antenna is mounted with an adapter to change polarization without the need of removing it from the antenna mast.

The main application of the antenna is the generation of high field strength levels for radiated immunity testing.

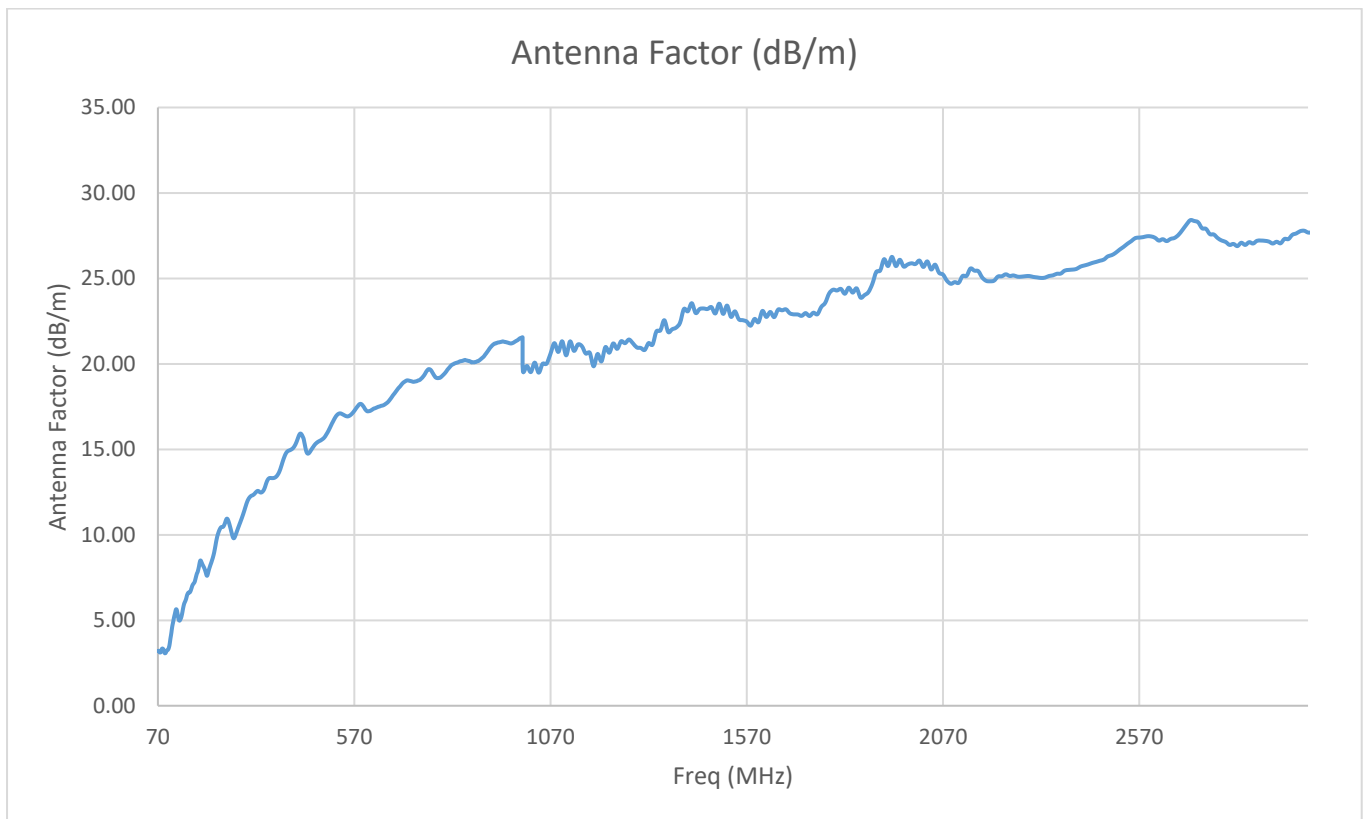
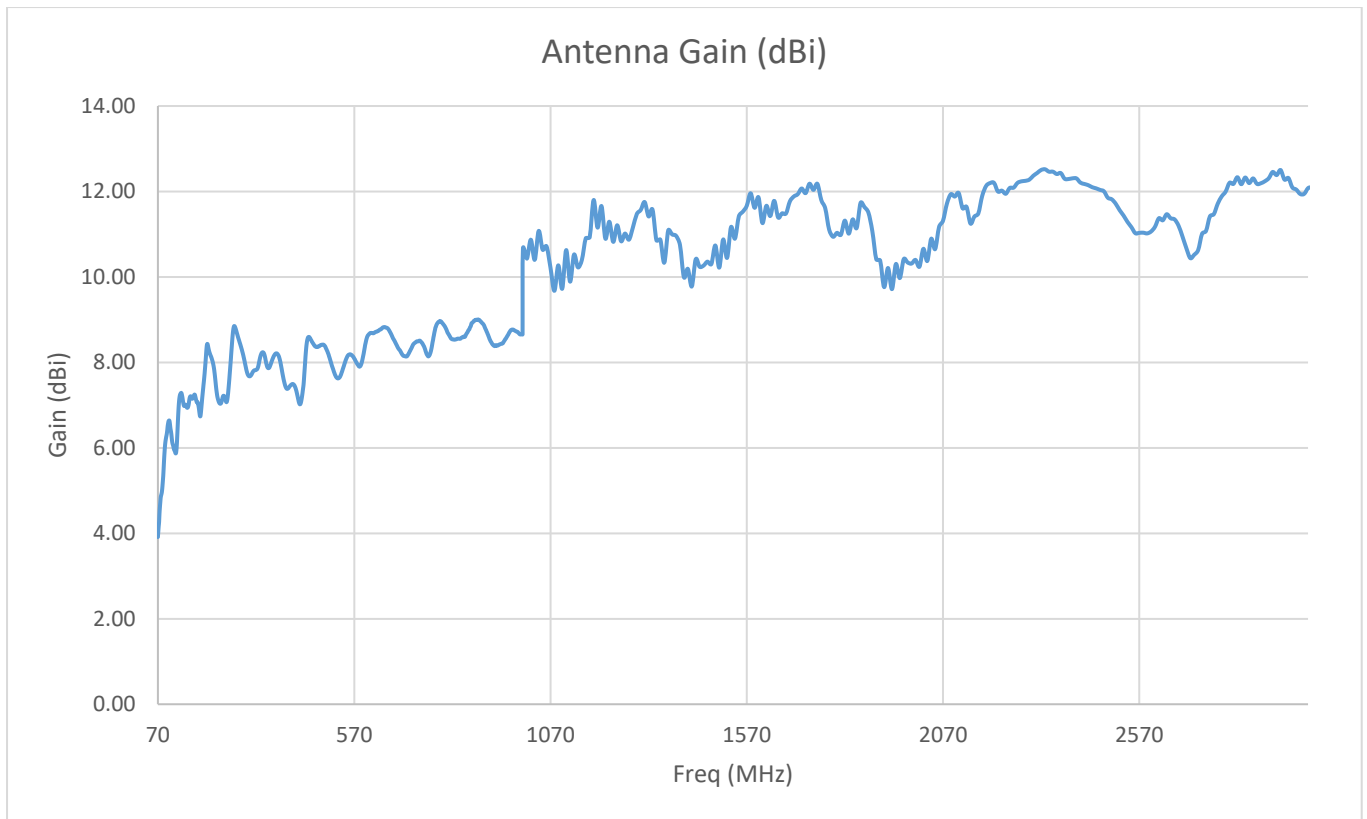
Specifications*

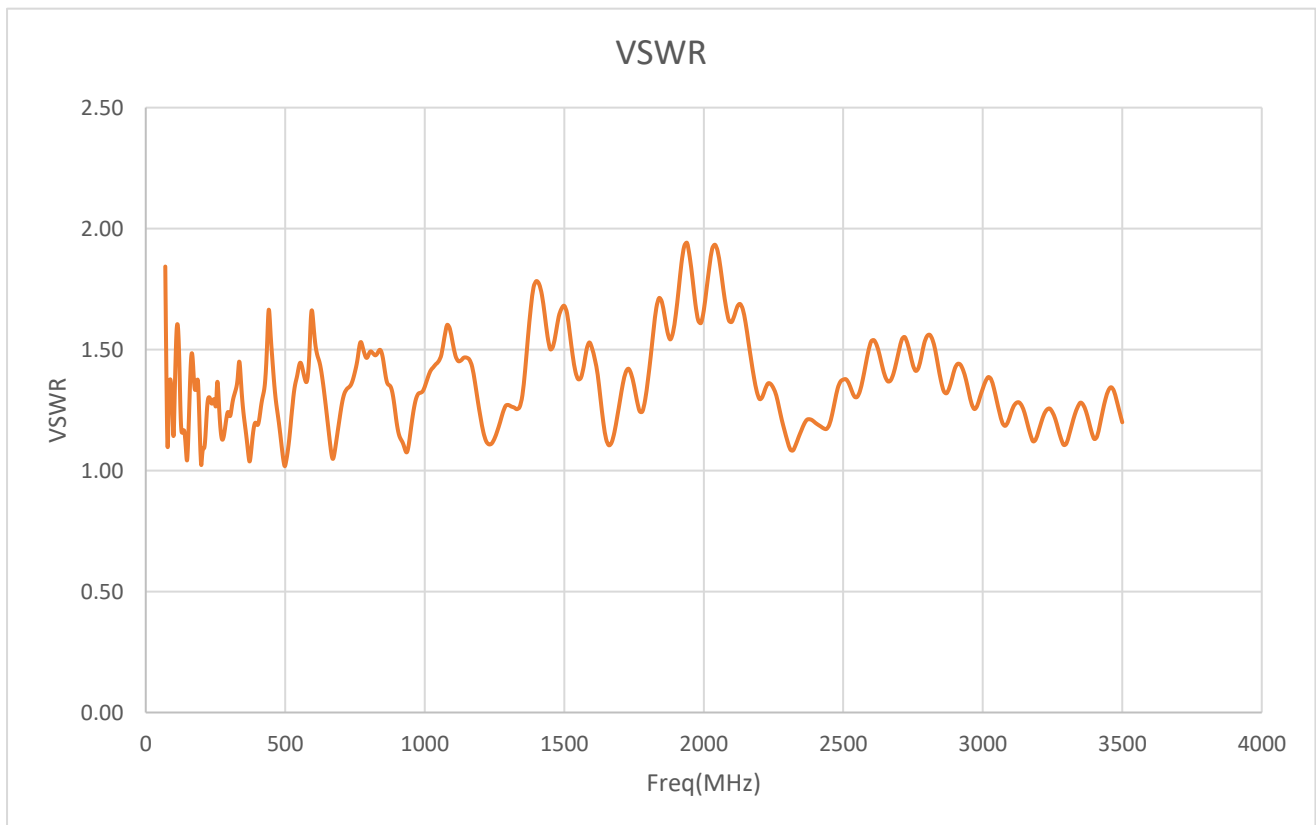
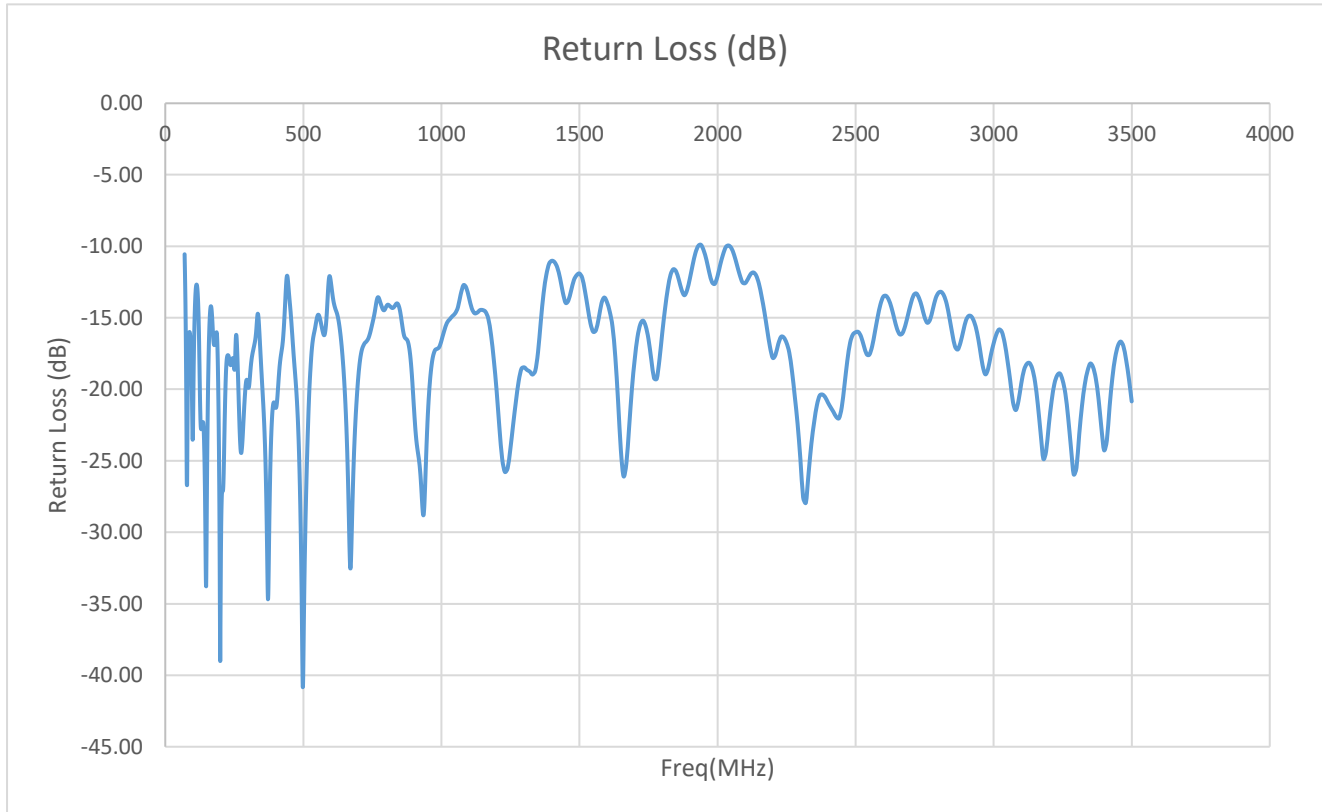
Model	AN-SLPDA-703GHP
Frequency Range	70 – 3000 MHz
VSWR	< 2.5
Gain	3.5-12 (dBi)
Max Power	1000 W
Polarisation	Linear (V / H)
Connector Type	DIN
Dimensions (W x L)	1720 X 2150 X 1250 mm
Weight	5.5 Kg
Environmental	-30°C to +52°C (In use) -40°C to +70°C (storage)
Mounting with adapter	1/4X20 threads, Female
Applications	Radiated Immunity / Emissions and EM field monitoring

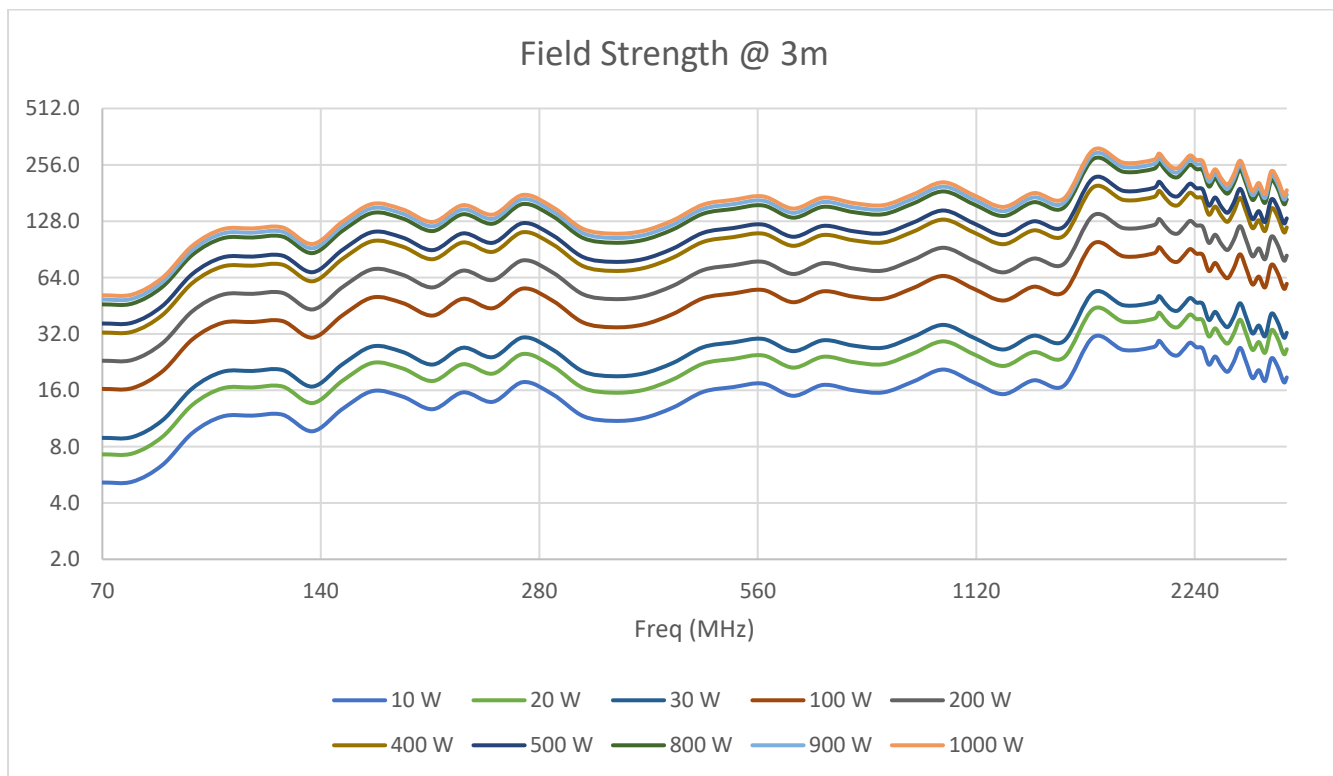
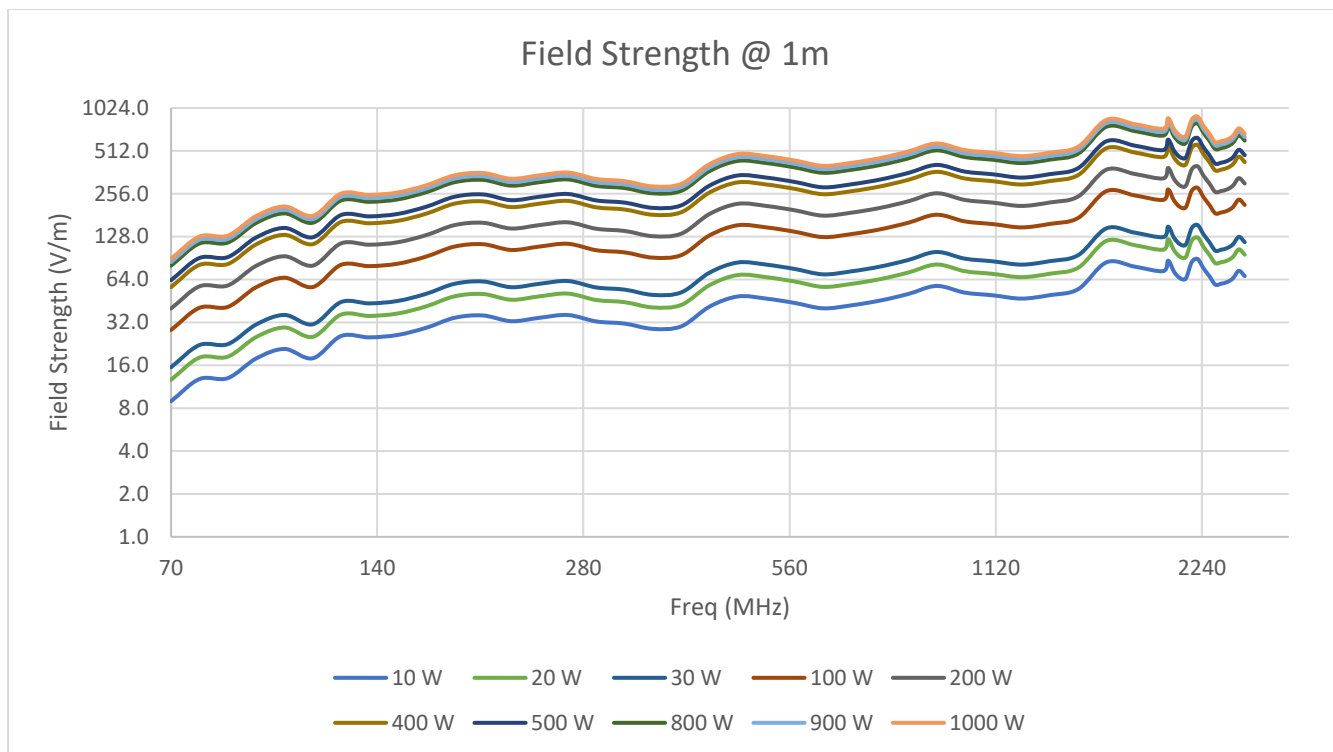
* Nominal values, subject to change without notice.

Calibration

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







Note : Power indicated is the Forward Power measured at the input to the Antenna connector. Measurements are taken in free space.