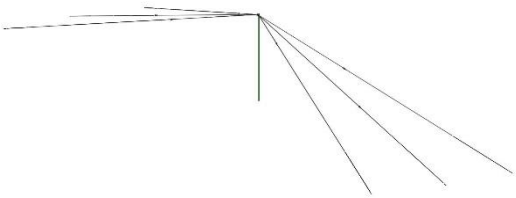
High Frequency Wideband Dipole Antenna

7 – 30 MHz

VERSION: 1.1

Product Code: DIPL-A0089



SPECIFICATIONS:

Electrical:	
Frequency range	7 – 30 MHz
VSWR	< 3:1
Nominal input impedance	50 Ω nominal
Power input	1000 W
Connectors	N-type female
Mechanical:	
Dimensions	Length: < 30m (Excluding guy ropes)
Total mass	< 25 kg
Environmental: designed to meet the following specifications	
Wind survival	120 km/h
Designed to comply with MIL-STD-810F	

PRODUCT DESCRIPTION:

The DIPL-A0089 is a tough and rugged, yet highly efficient HF wideband dipole antenna, covering the frequency range 7 MHz to 30 MHz, ideal for base station and static mobile applications.

Ideal for short (NVIS), medium and long-range communications, the DIPL-A0089 can be erected in minutes in either an inverted 'V' or horizontal configurations, and being omni-directional, can be positioned without consideration to the direction of transmission, making it ideal for use in multiple station networks.

Typical deployment time is approximately 10 to 15 minutes.

PRODUCT FEATURES:

- Wideband (7 to 30 MHz)
- Quick deployment
- Compact storage
- Rugged

APPLICATIONS:

- Base station communications
- Static mobile communications
- High-power transmission

sales@alaris.co.za
www.alarisantennas.com

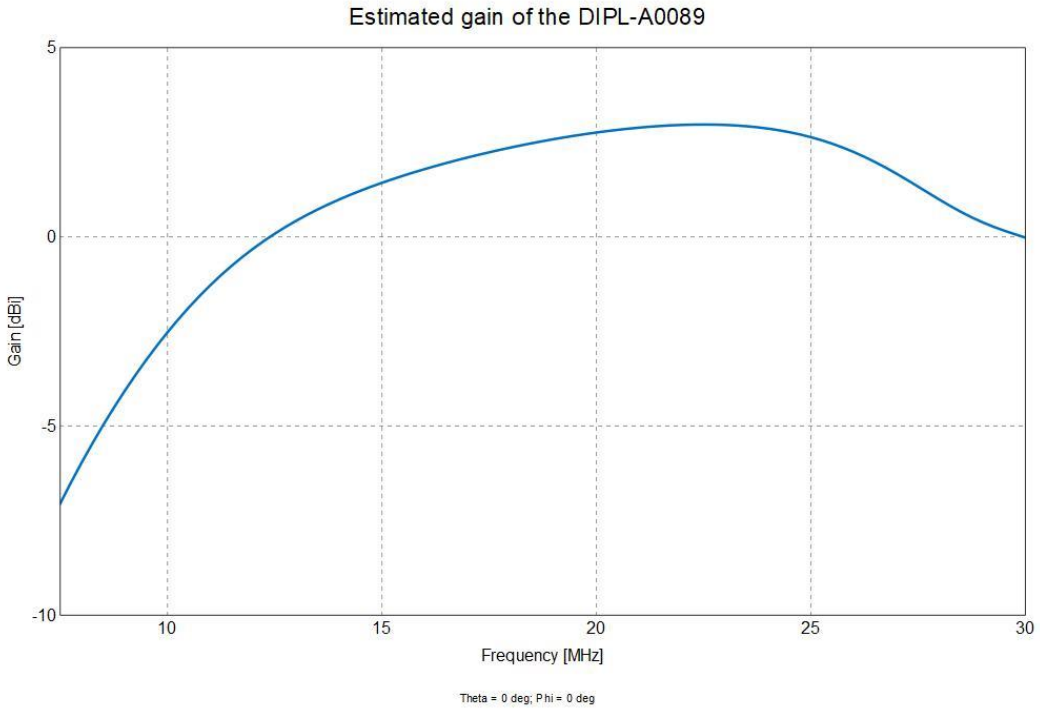
High Frequency Wideband Dipole Antenna

7 – 30 MHz

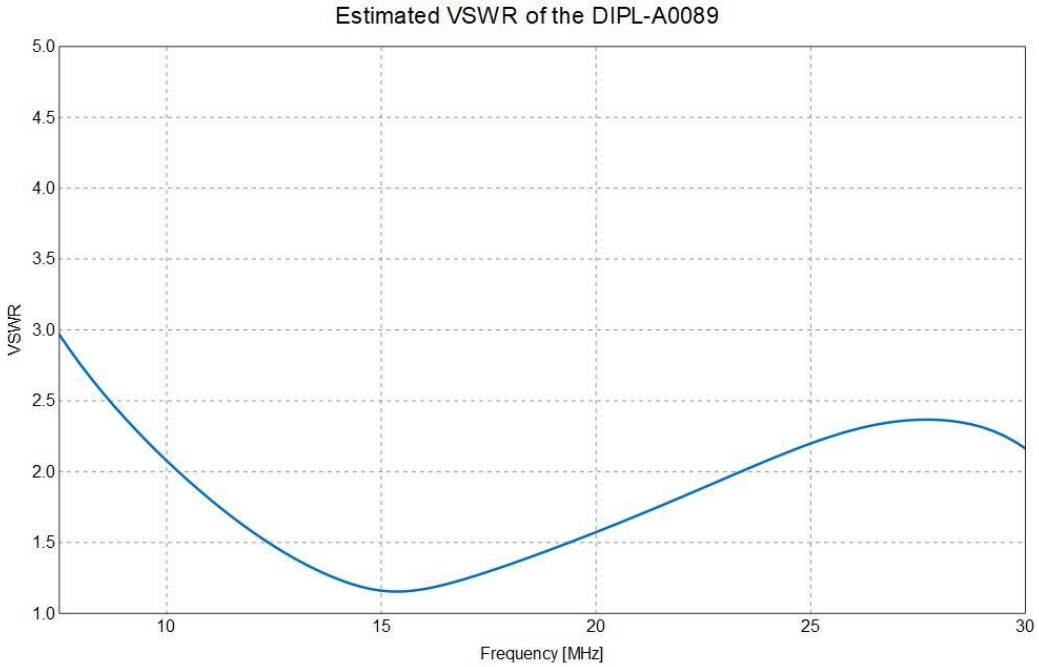
Product Code: DIPL-A0089 **VERSION: 1.1**

Normalised patterns:

Gain:



VSWR:



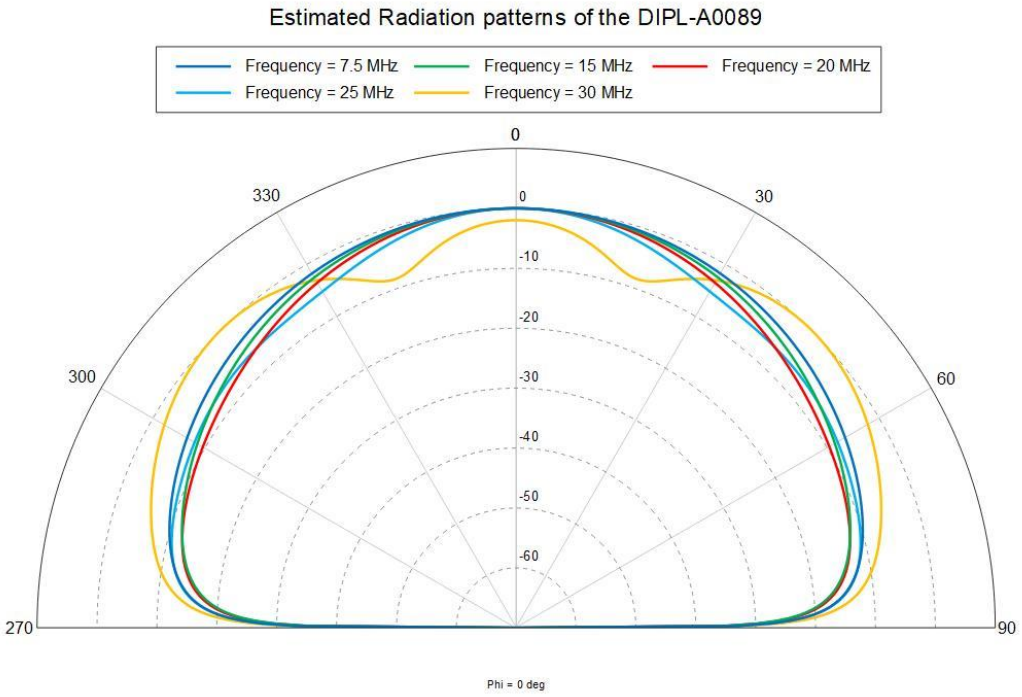
sales@alaris.co.za
www.alarisantennas.com

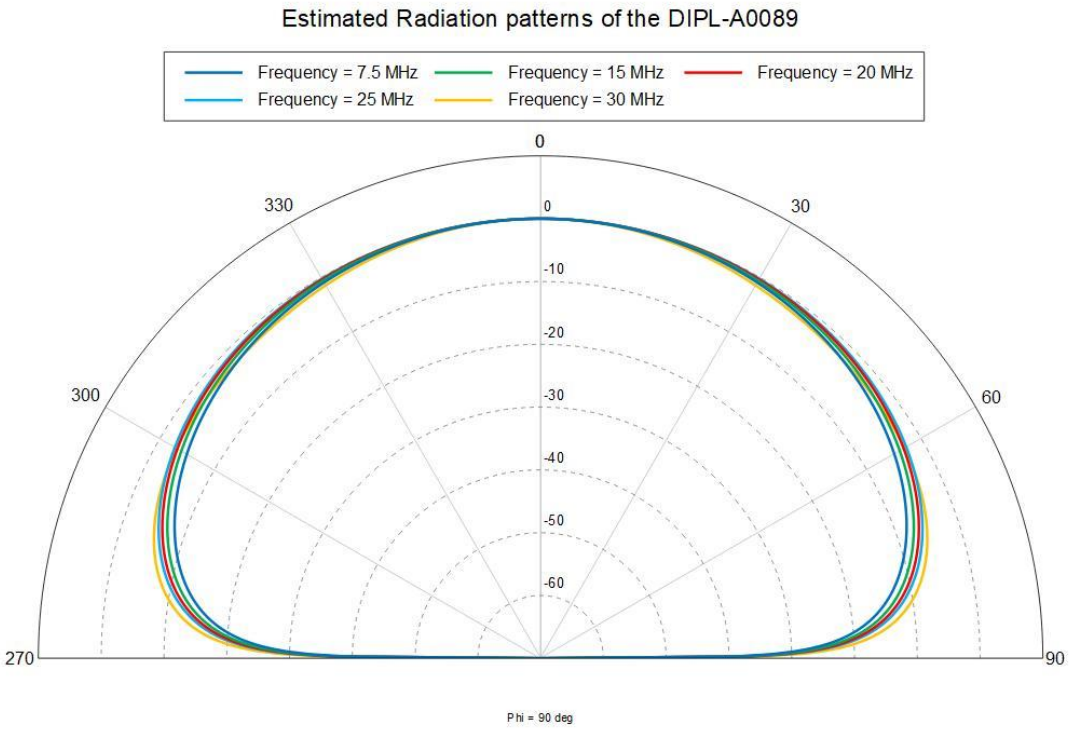
High Frequency Wideband Dipole Antenna

7 – 30 MHz

Product Code: DIPL-A0089 **VERSION: 1.1**

Radiation patterns:





sales@alaris.co.za
www.alarisantennas.com