

EM-6945 | Antenna, Hand-Held Directional



Description

The Electro-Metrics EM-6945 'Vector' is an Ultra-Wideband Log Periodic antenna that comes in a small, easily deployable handheld package. The EM-6945 has been optimized for peak efficiency across its entire frequency range while maintaining stable directional radiation patterns. It offers a consistent 5-8dBi of gain across the majority of its frequency range. The Vector is the ideal hand-held device for locating the origin of transmitting equipment. Perfect for SIGINT and multi-band communications applications or any other application where a small, rugged, high performance passive antenna is required.

A detented, pivoting handle with a built-in ¼-20 tripod mount allows for immediate polarity changes without any additional setup required.

Specifications

Electrical

Frequency Range: 500 MHz – 25 GHz

VSWR: 1.7:1 Average

Impedance: 50Ω, Nominal

Gain: 600MHz-16GHz > 0dBi Nominal
16GHz-25GHz 0-6dBi Nominal

Connector: Type 'K' (500MHz-25GHz) (standard)
SMA (500MHz-25GHz)
Type 'N' (500MHz-18GHz)

Mechanical

Dimensions:

Overall Length: 39.4 cm (15.5")

Width: 21.6 cm (8.5")

Height (with Handle): 15.25 cm (6")

Weight: 0.68 kg (1.5 lbs.)

Mounting Options Available:

1/4 – 20 Tripod Mount Handle (included)

EM-6943 (EM-6945 without handle)

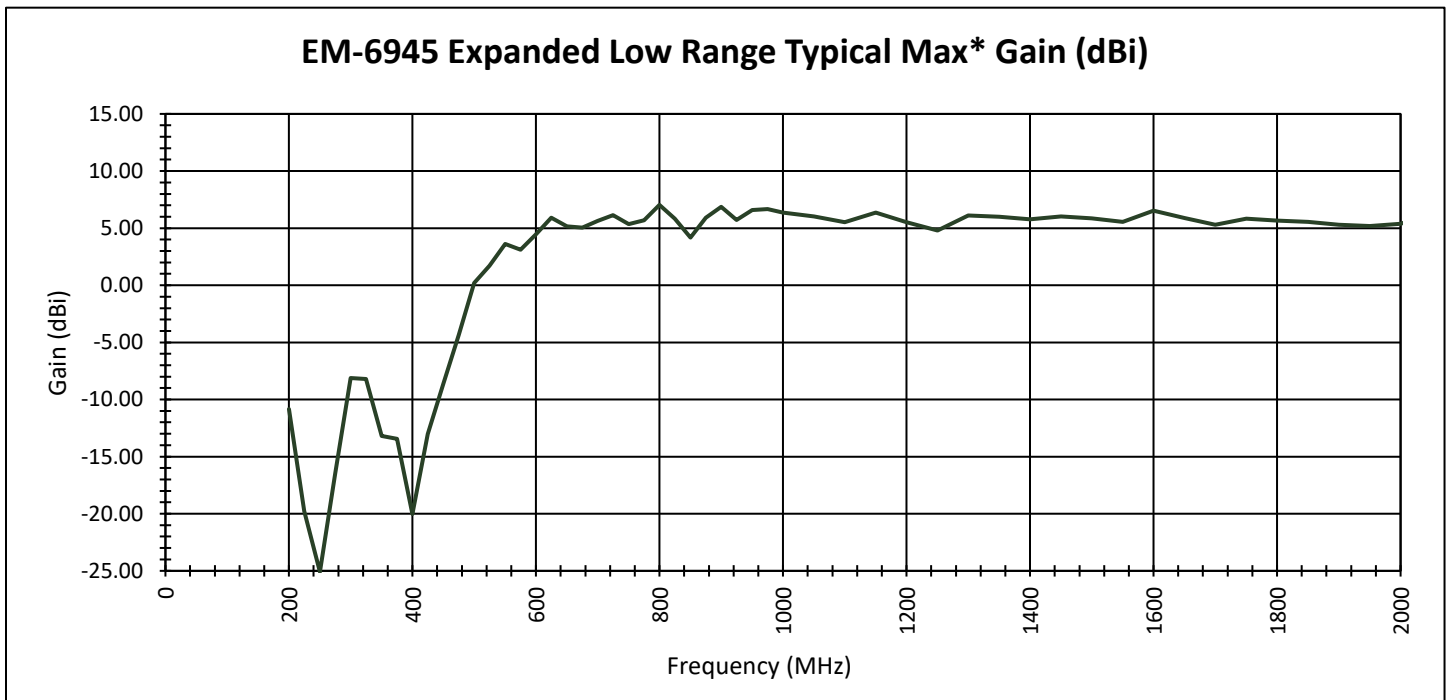
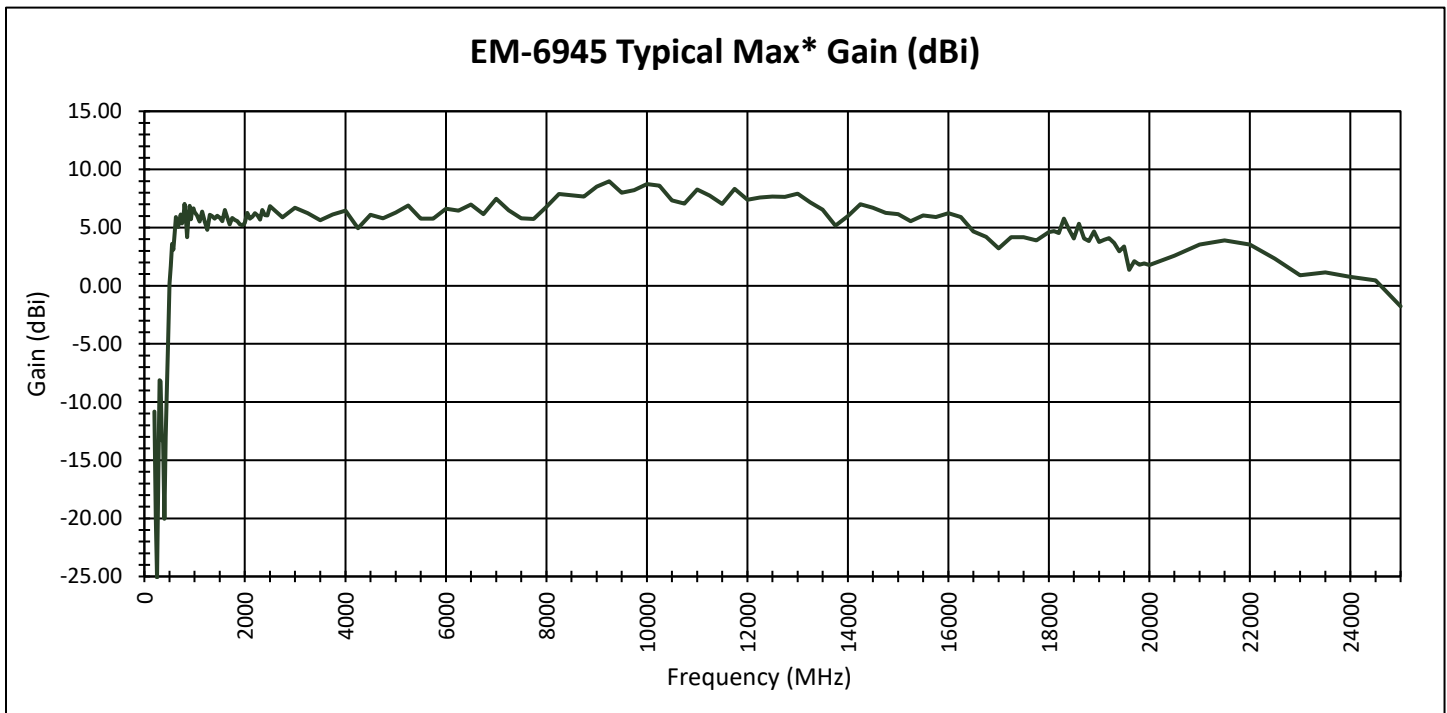
Color Options:

- Black (default)
- Custom colors available upon request

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.



EM-6945 | Antenna, Hand-Held Directional

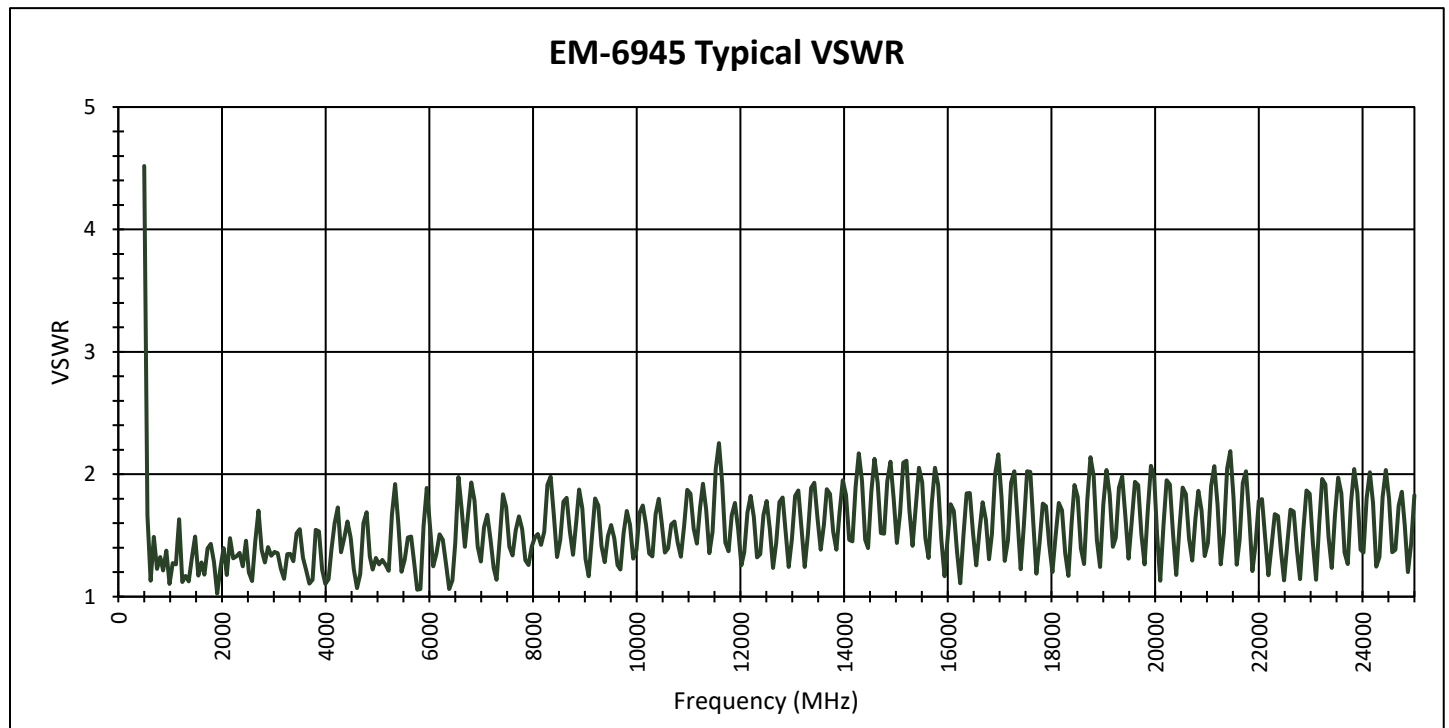
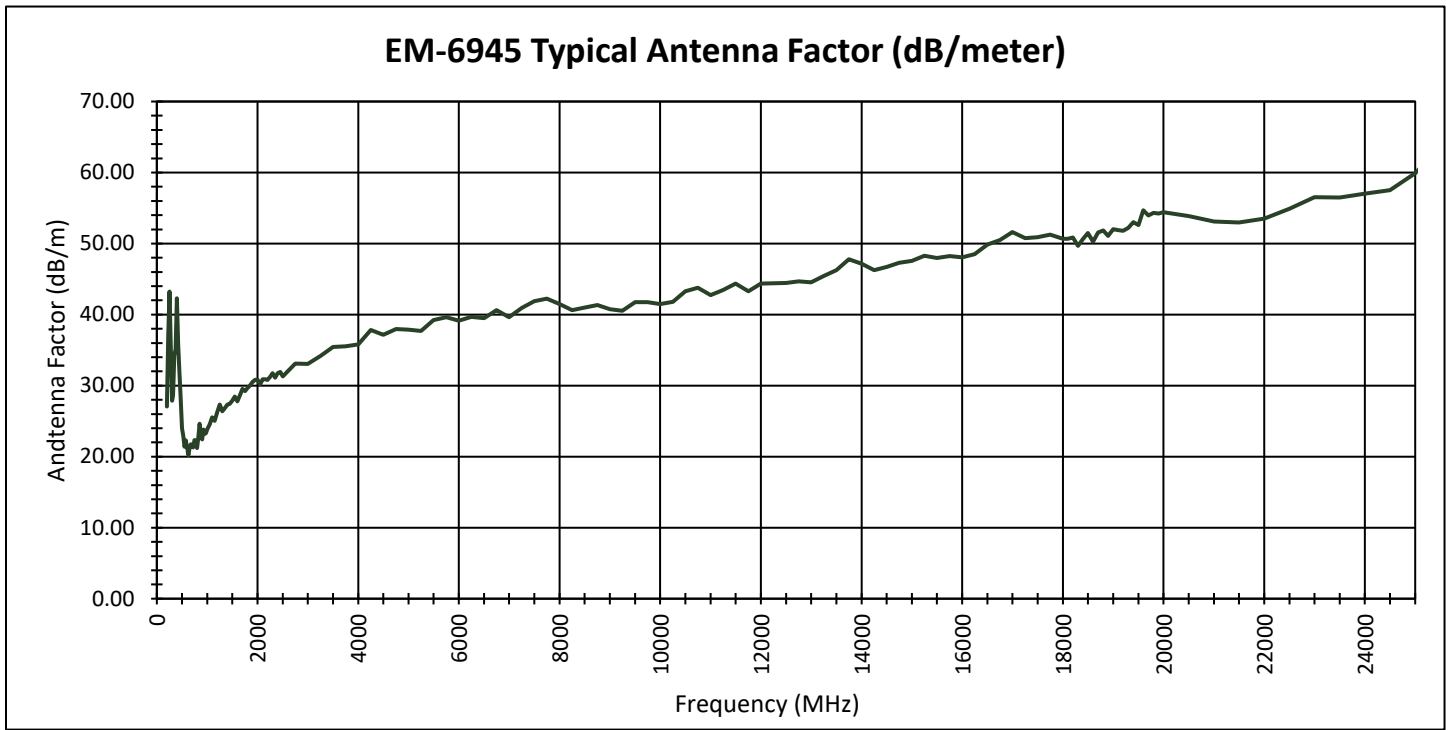


*Maximum Gain determined from scans at all radiation angles and elevations. Data shown is typical, not guaranteed.

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.



EM-6945 | Antenna, Hand-Held Directional



Data shown is typical, not guaranteed.

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

