

EM-6945 | Antenna, Hand-Held Directional



Description

The 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 5-8 dBi 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:	600 MHz-16 GHz > 0 dBi Nominal 16 GHz-25 GHz 0-6 dBi Nominal
Connector:	Type ‘K’ (500 MHz-25 GHz) std SMA (500 MHz-25 GHz) Type ‘N’ (500 MHz-18 GHz)

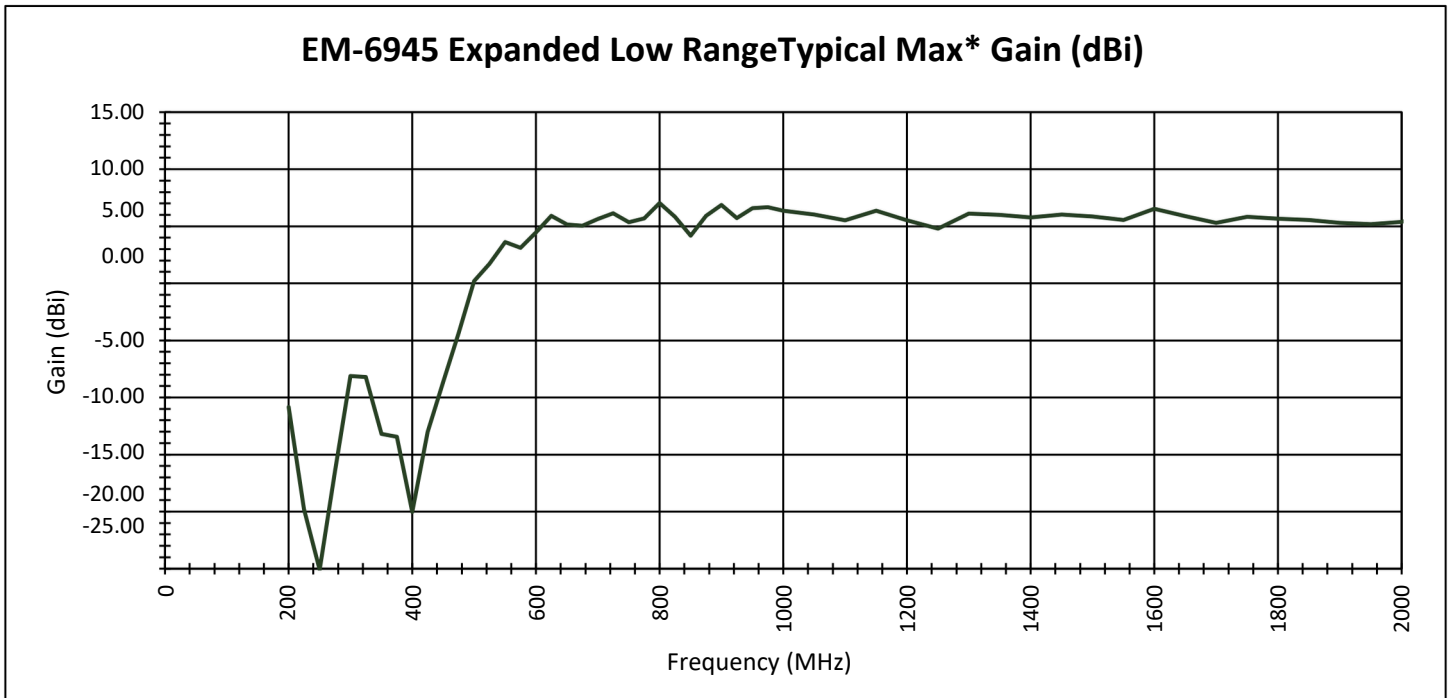
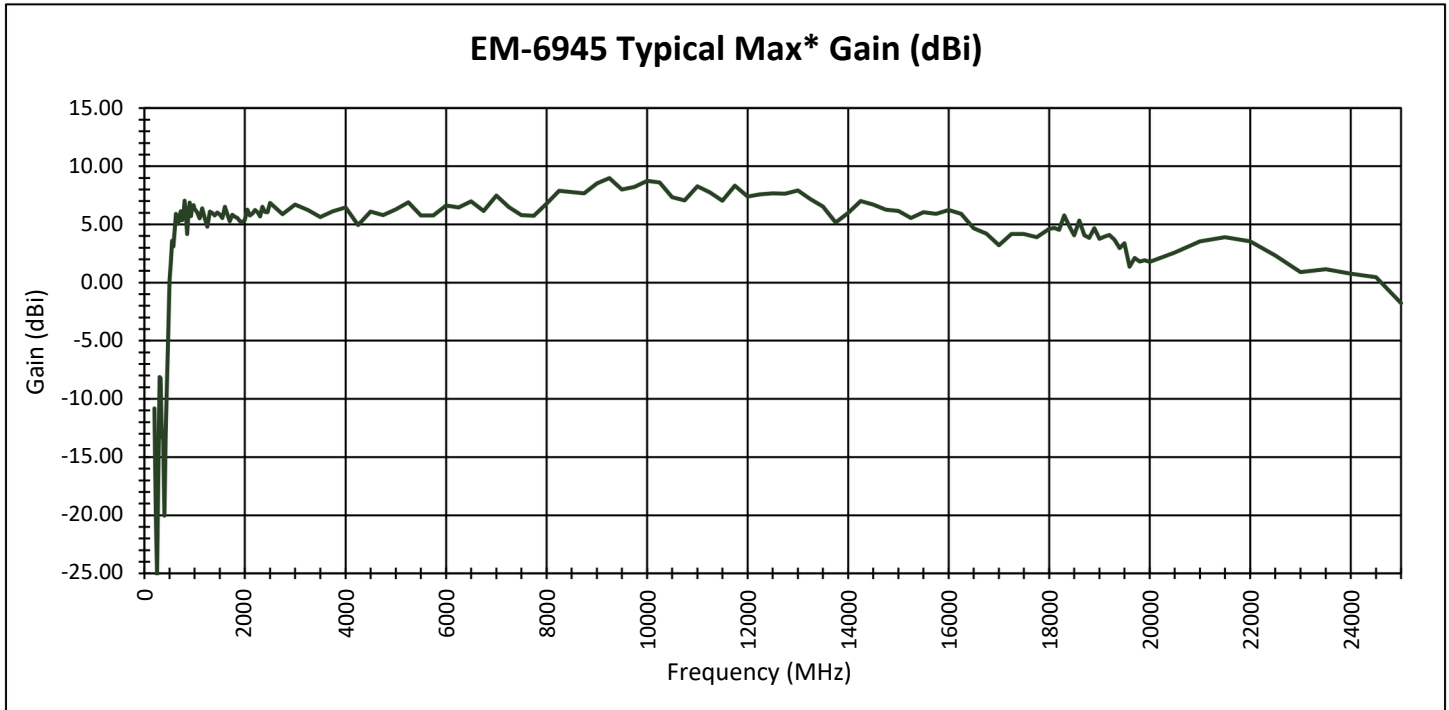
Mechanical

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:	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.



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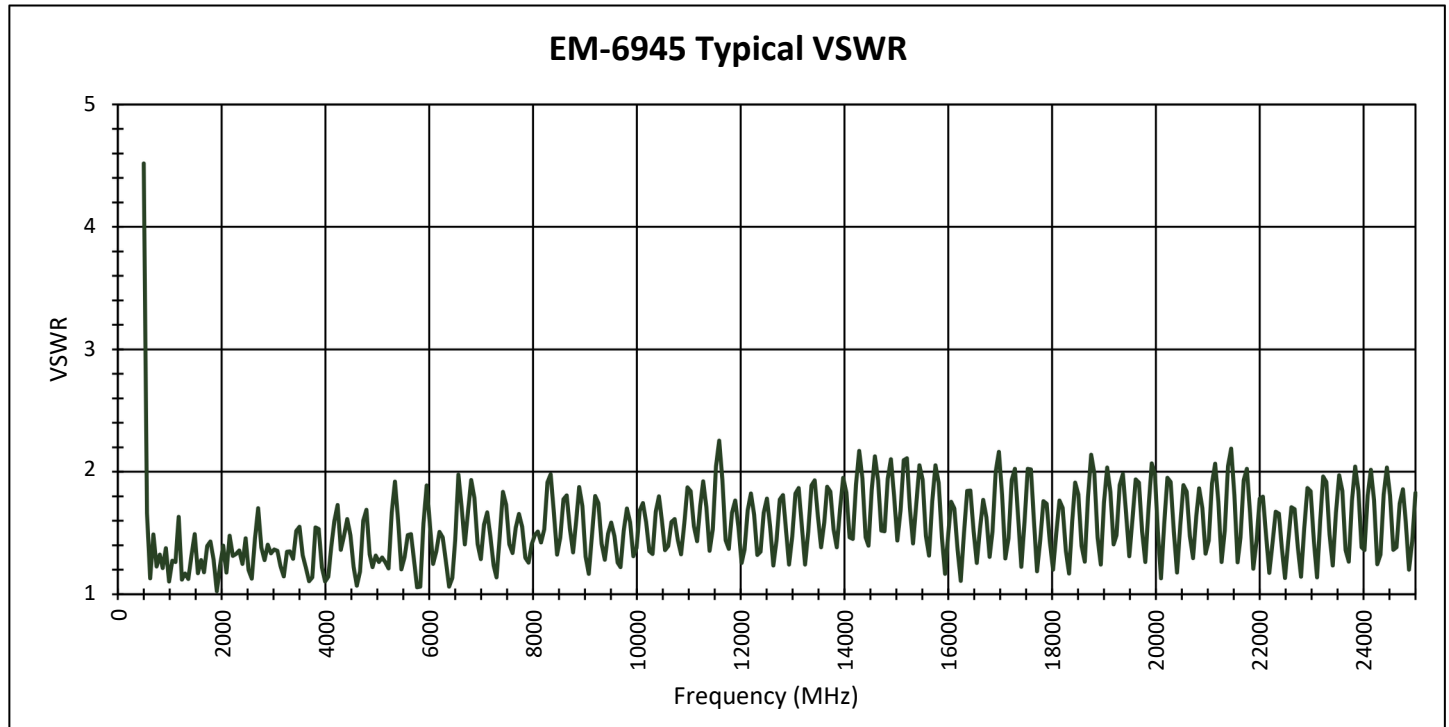
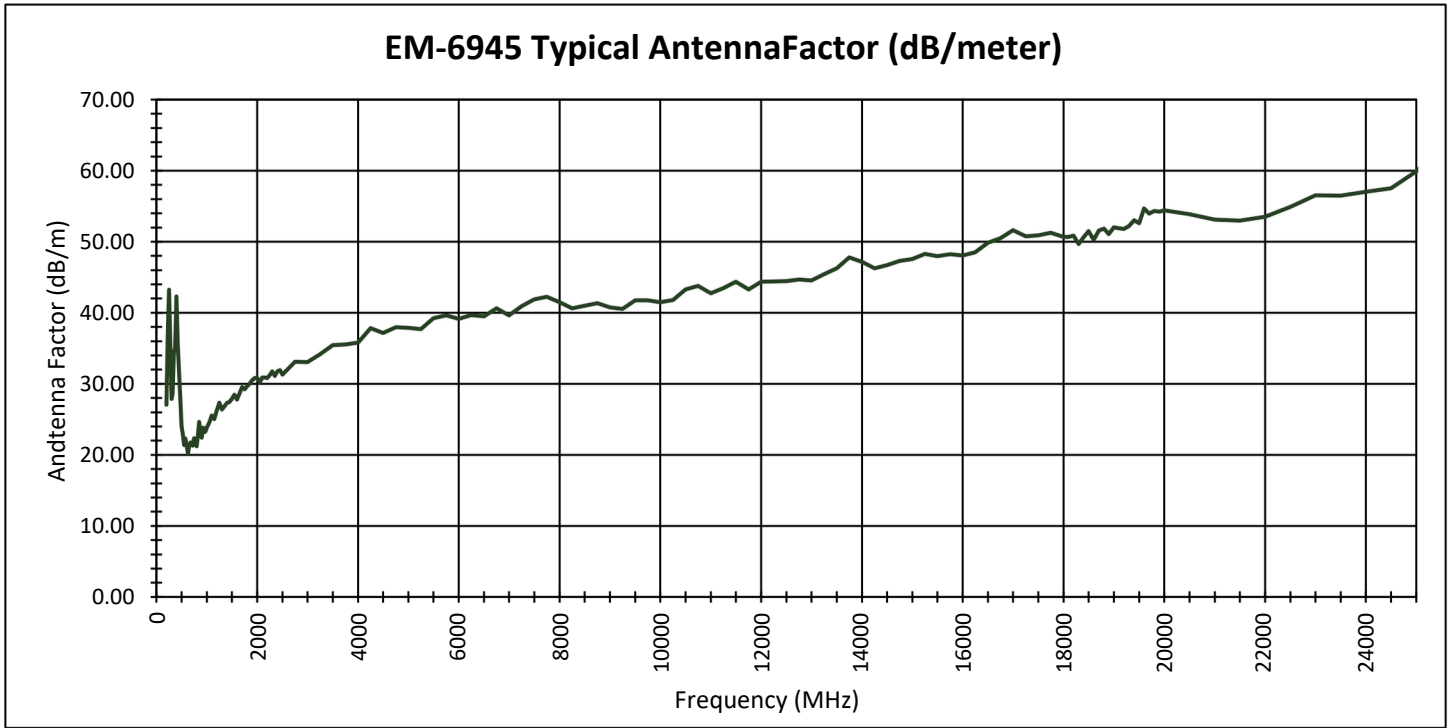


*Maximum Gain determined from scans at all radiation angles and elevations. Data shown is typical, not guaranteed.

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