

EM-6964 | Antenna, Rugged, Hand-Held Directional



Description

The Electro-Metrics EM-6964 is an Ultra-Wideband Log Periodic antenna that comes in a rugged handheld package. The EM-6964 is the successor to the EM-6945, improving on the frequency range and durability of its predecessor. Optimized to provide directional sensitivity with an excellent front-to-back ratio, the EM-6964 is excellent at locating signal sources whether it be for SIGINT applications or EMC/Pre-Compliance testing.

MIL-STD-810H

This antenna has undergone and passed the Hot Temperature, Cold Temperature, Blowing Rain, Blowing Sand, and Shock and Vibration Environmental Tests, in accordance with MIL-STD-810H. Please contact Electro-Metrics for the detailed report.

Specifications

Electrical

Frequency Range: 200 MHz – 26 GHz

VSWR: Average 1.8:1

Impedance: 50Ω, Nominal

Gain: 6.7dBi Average 400MHz-18GHz

0-6dBi Typical 18GHz-26GHz

Connector: Type 'K' (200MHz-26GHz) (standard)

SMA (200MHz-26GHz)

Type 'N' (200MHz-18GHz)

Mechanical

Dimensions:

Overall Length: 52 cm (20.5")

Width: 32 cm (12.6")

Height: 4.45 cm (1.74") Handle Horizontal

16.5 cm (6.5") Handle Vertical

Weight: 0.97 kg (2.14 lbs.)

Mounting Options Available:

1/4 – 20 Tripod Mount Handle (included)

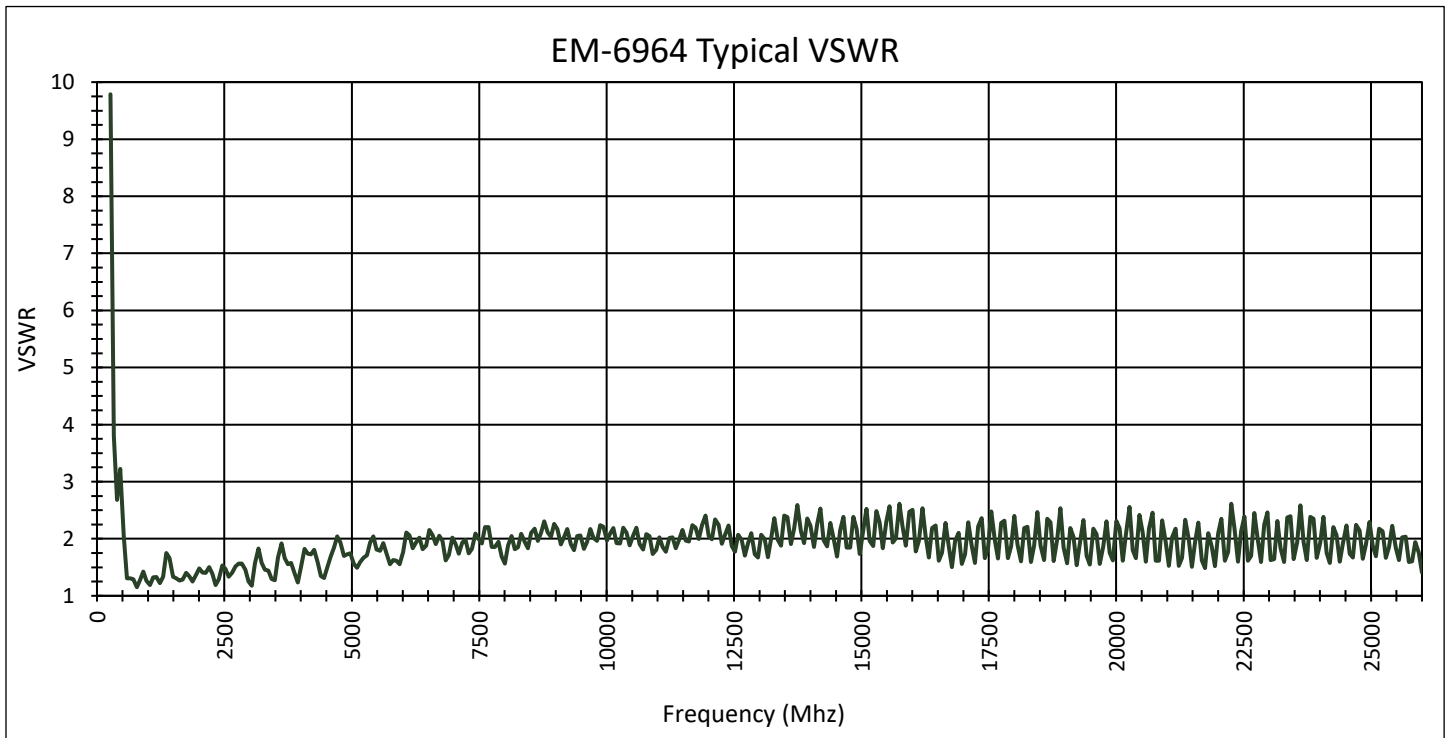
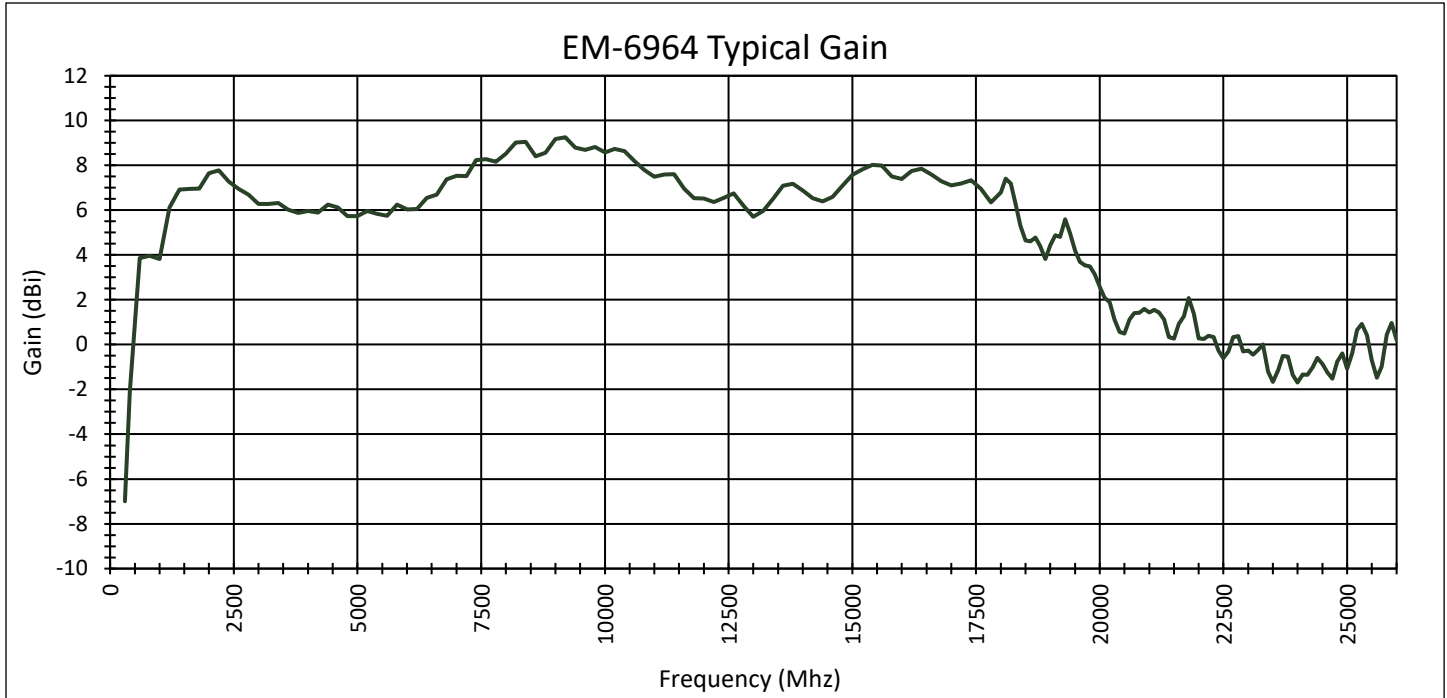
Color Options:

- 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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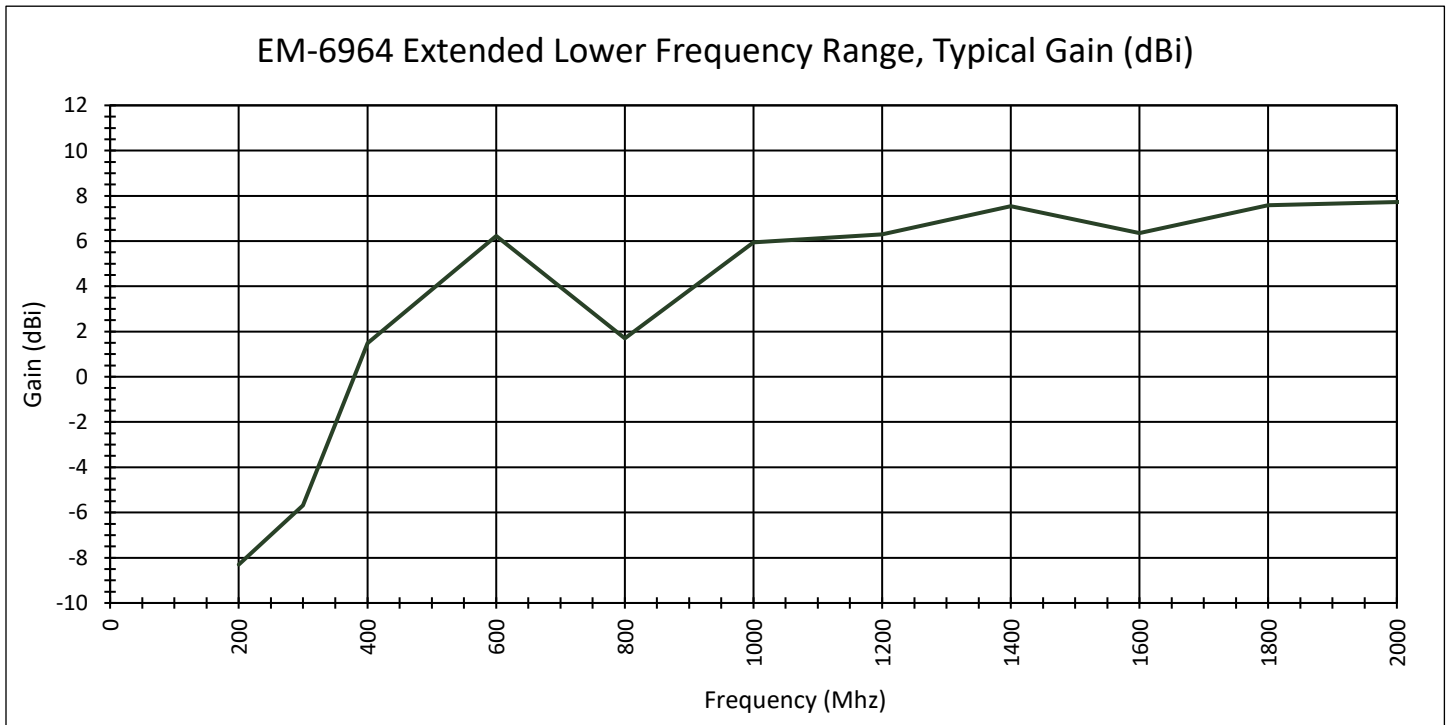
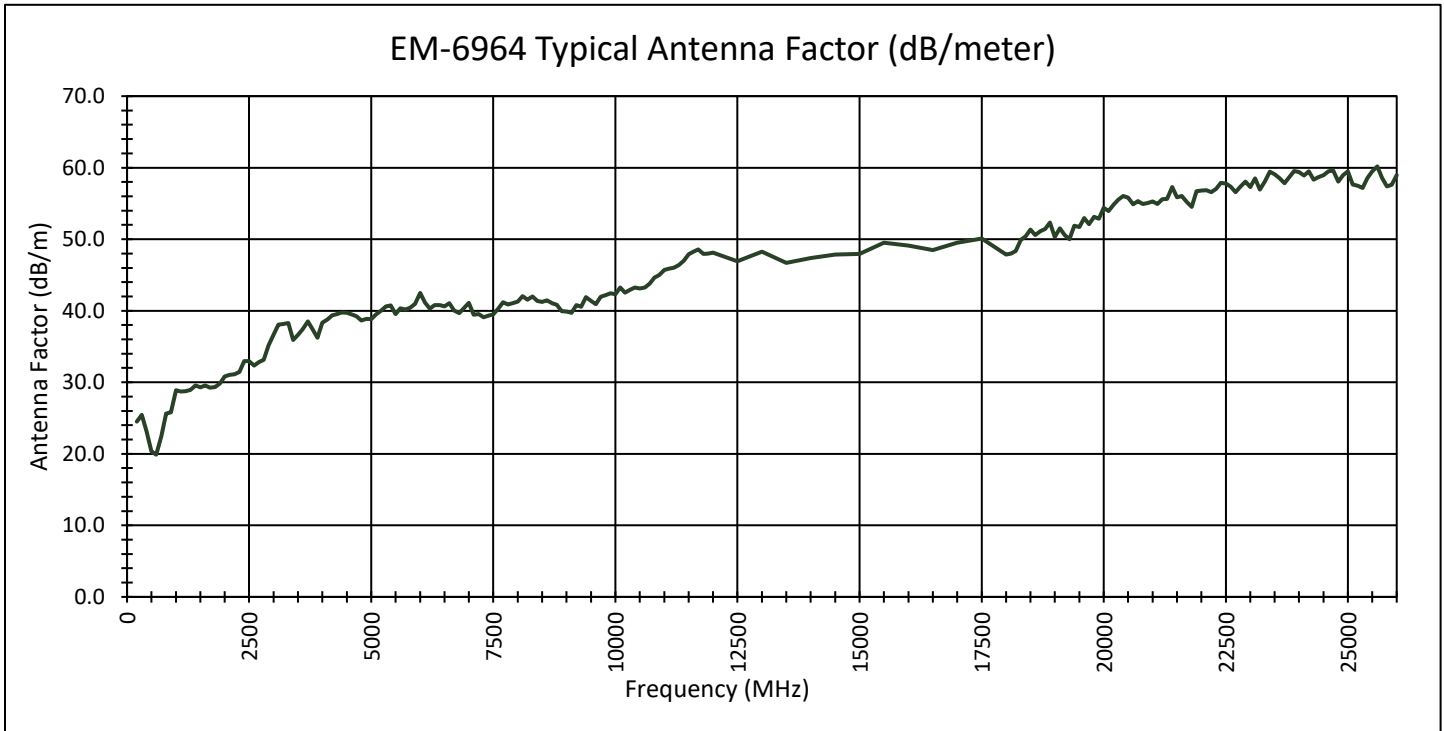


*Maximum Gain determined from scans at all radiation angles and elevations. Data shown is typical, not guaranteed.

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