EM ANTENNAS

DATASHEET

SBA U.S. Small Business Administration HUBZONE CERTIFIED

EM-6600 | Antenna, Ultra-Wideband, Omni-Directional, Passive



Description

The EM-6600 is a compact, Ultra-Wideband, Omni Directional antenna designed to operate seamlessly across a broad frequency range of 1.3 GHz to 50 GHz, covering the L, S, C, X, Ka, K, Ku, and V Bands. With its low VSWR, consistent gain, and high efficiency throughout the entire band, the EM-6600 ensures reliable performance in critical applications.

Use Cases

UAV-based Operations, Spectrum Monitoring, Threat Detection, Array Elements, Manpack Configurations, Signals Intelligence

Specifications

Electrical

Frequency Range:	1.3 GHz – 50 GHz
Polarization:	Linear, Vertical
VSWR:	<2:1 typical 3:1 Maximum
Impedance:	50Ω, Nominal
Average Gain:	4.5 dBi Nominal
Connector:	2.4mm (f) (EM-6600 | 1.3GHz-50GHz)

Mechanical

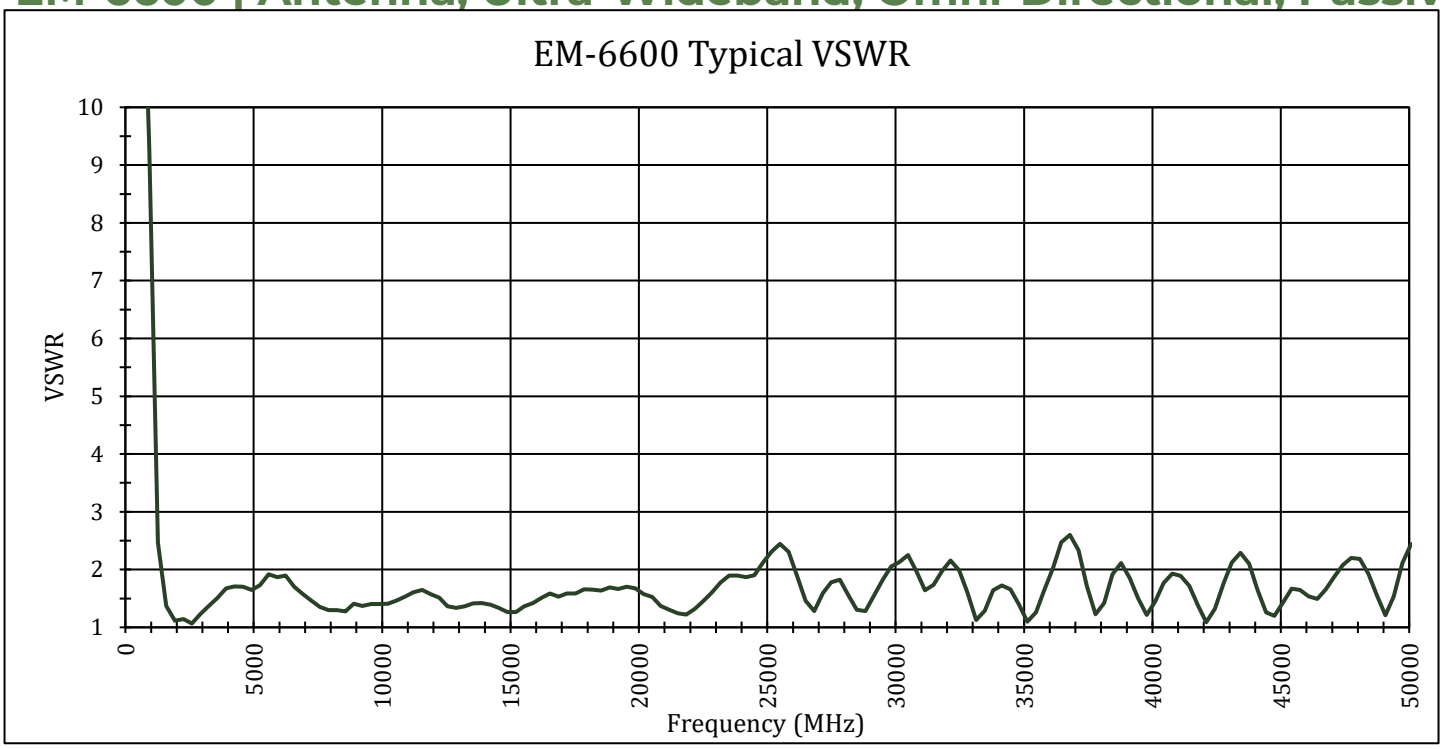
Overall Height:	3 in. (7.62 cm)
Outside Diameter:	2 in. (5.08 cm)
Offset Mount Length:	2.15 in. (5.64 cm)
Weight:	0.26 lbs. (120 g)
Base Mounting:	EM-6600 ¼-20 Tripod Mount (included) EM-6133 Tabletop Tripod
Color Options:	Black (default) Custom Colors Available Upon Request

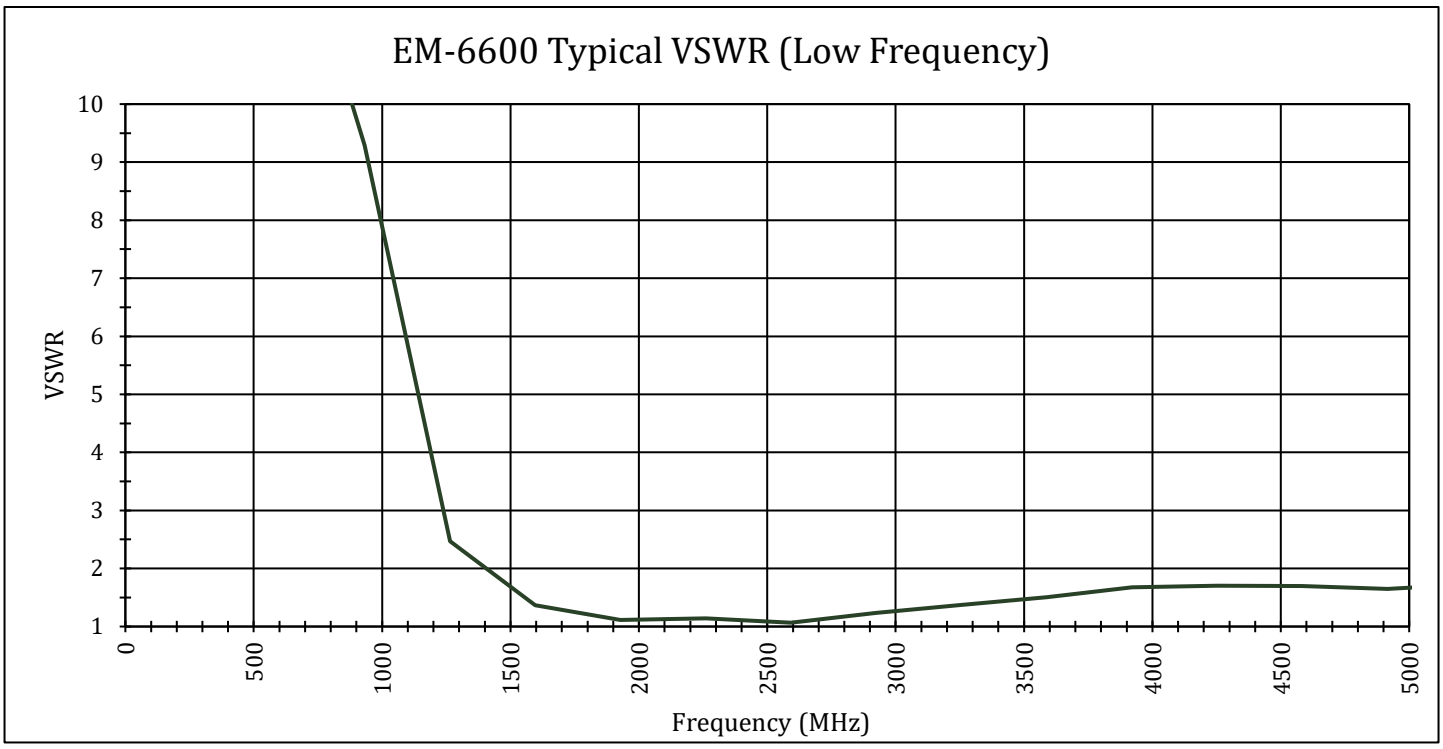
Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

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231 Enterprise Rd., Johnstown NY 12095 518.762.2600 www.em-antennas.com

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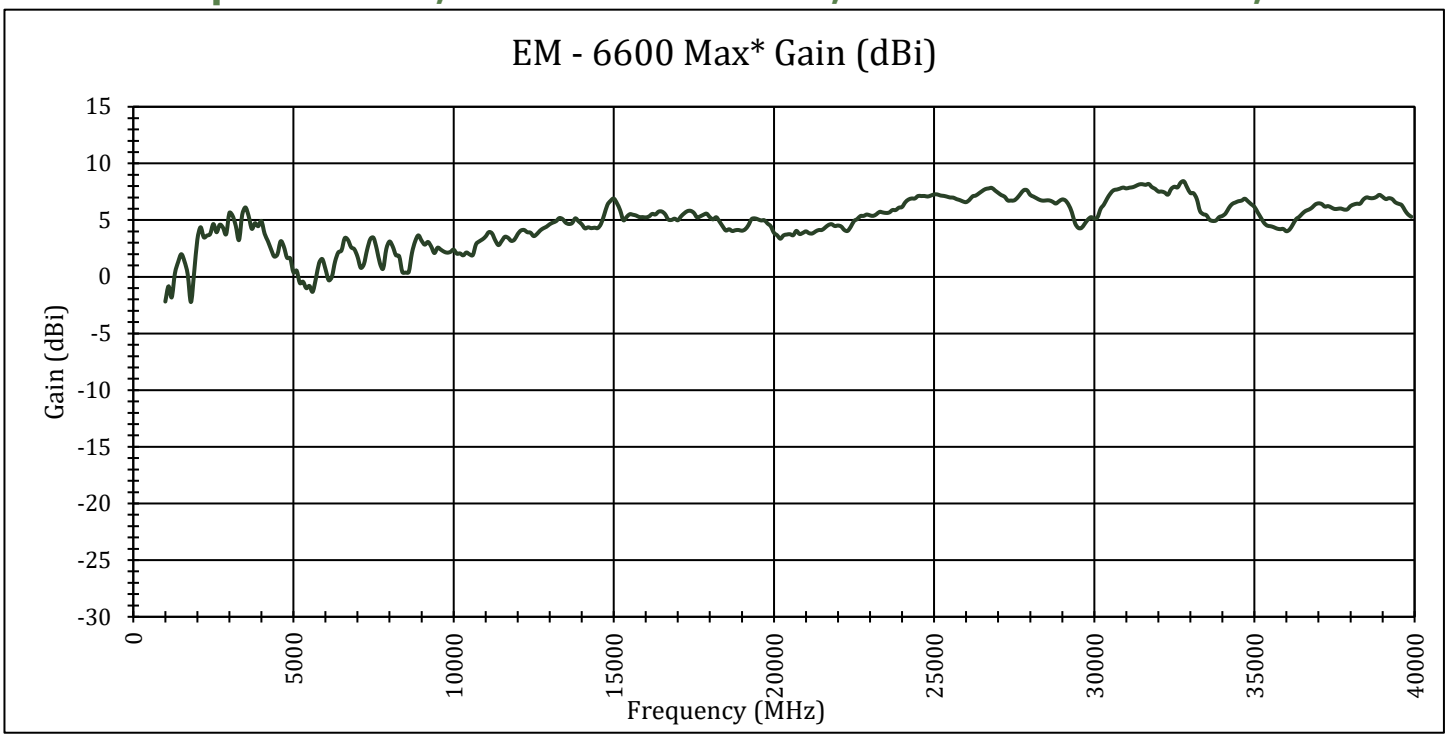


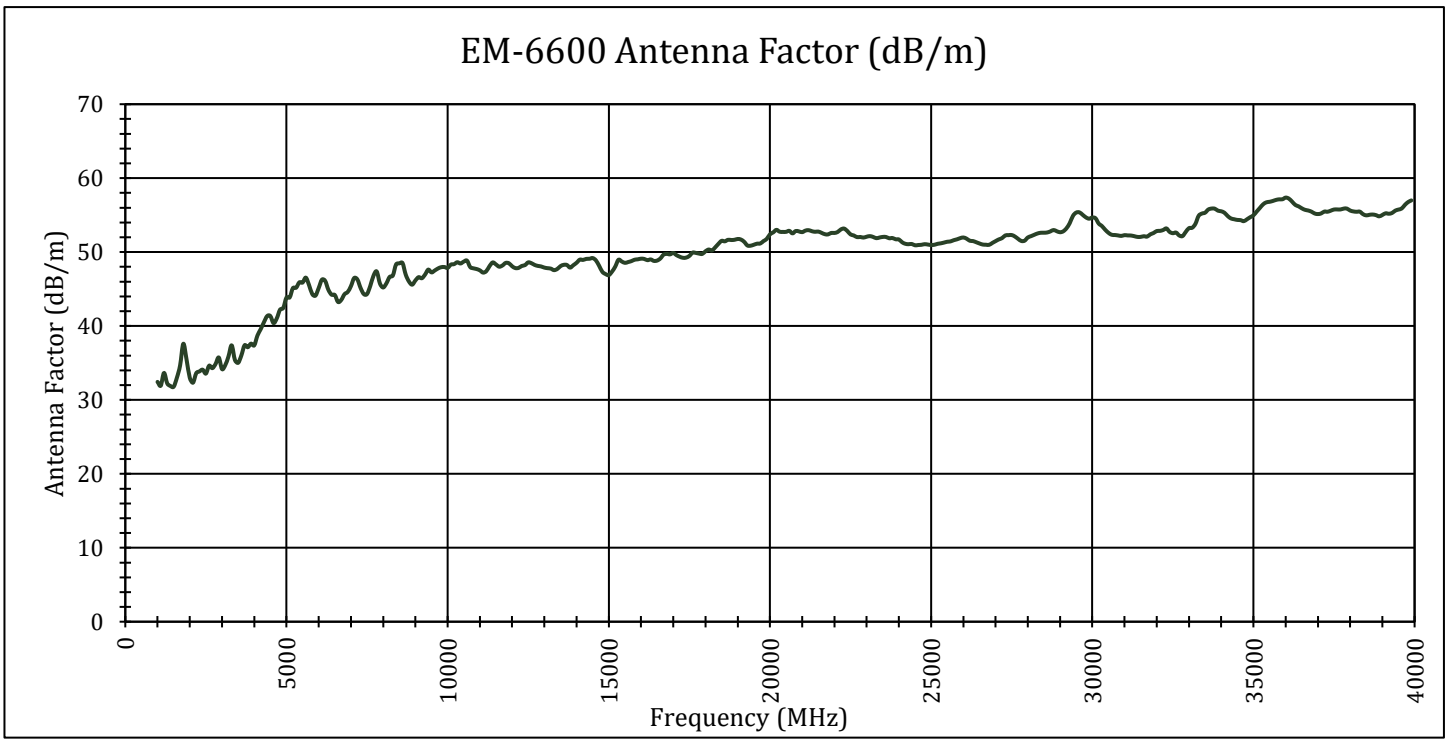


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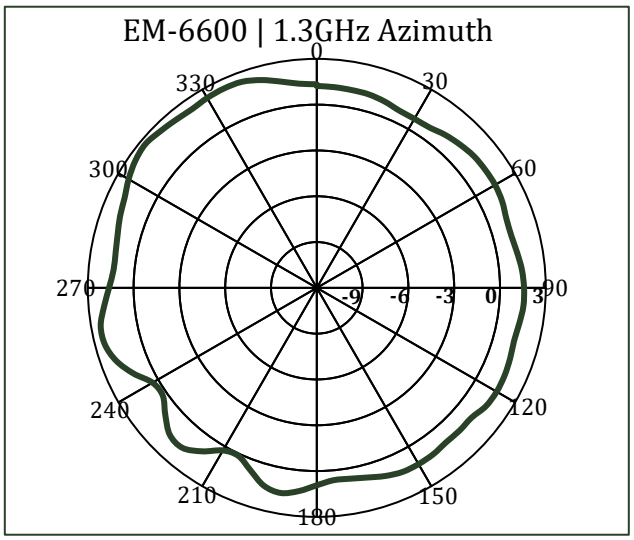
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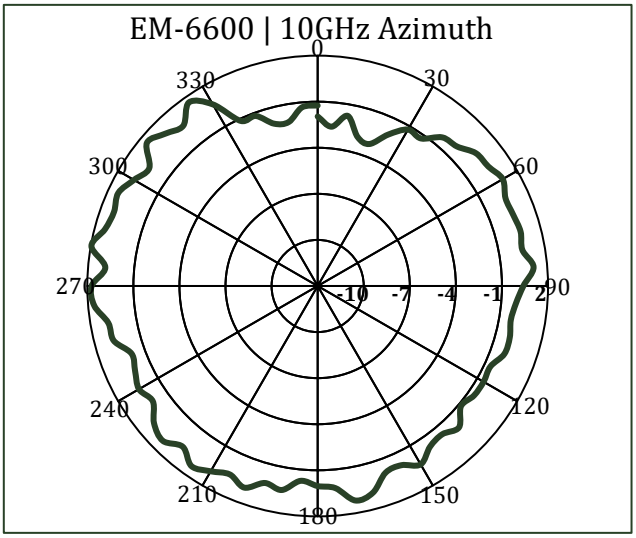
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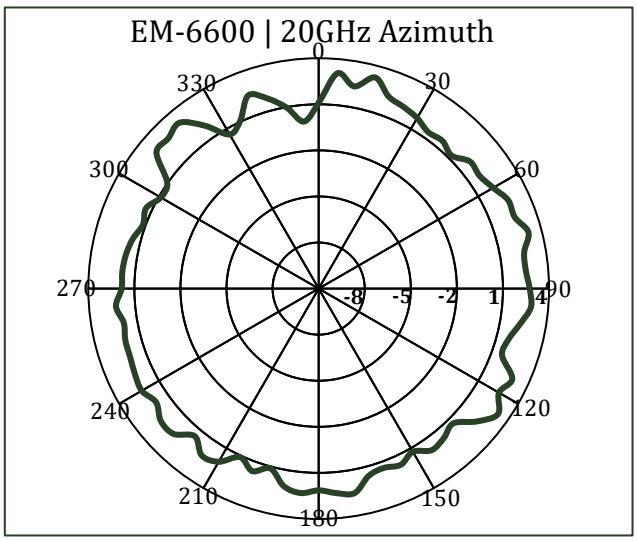
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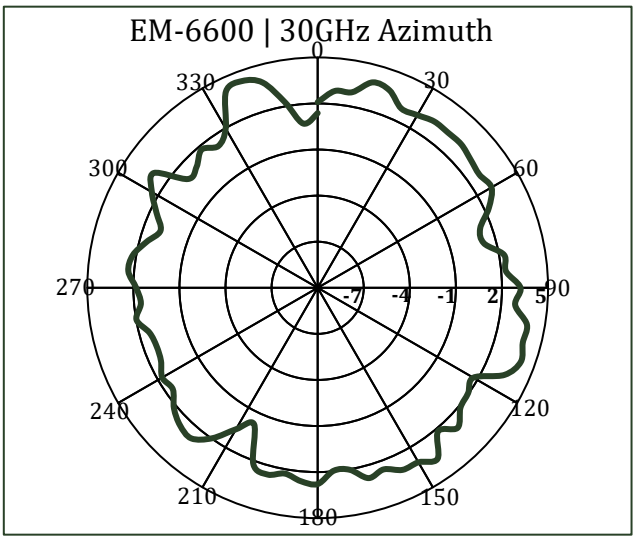
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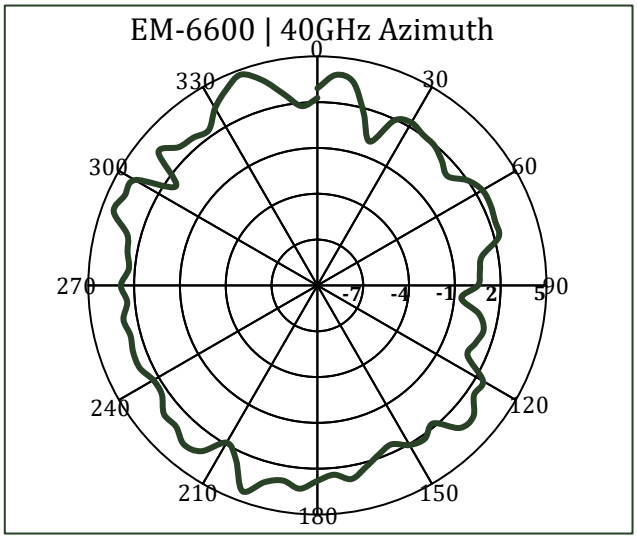
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