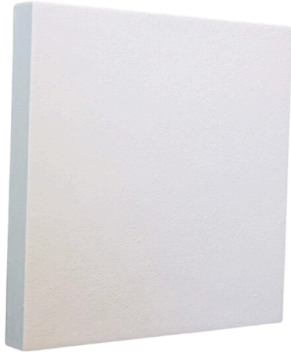


## EM-6173| Antenna, Ultra-Wideband, Passive, Flat Panel



### Description

The EM-6173 is a Passive Ultra-Wideband Flat Panel Antenna. With a thin profile, tamper-resistant ports, and built-in recessed wall mounts, the EM-6173 is perfect for SIGINT and IPMS applications where a discrete profile is preferred or required.

### Specifications

#### Electrical

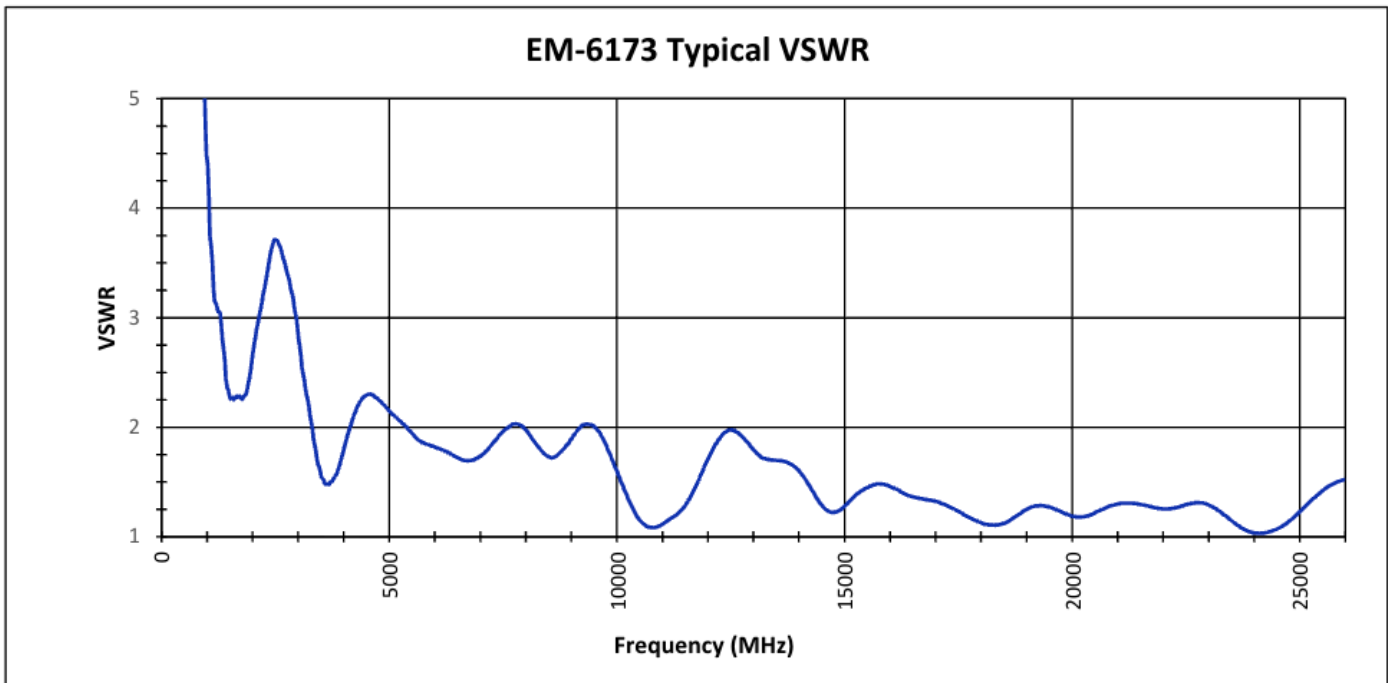
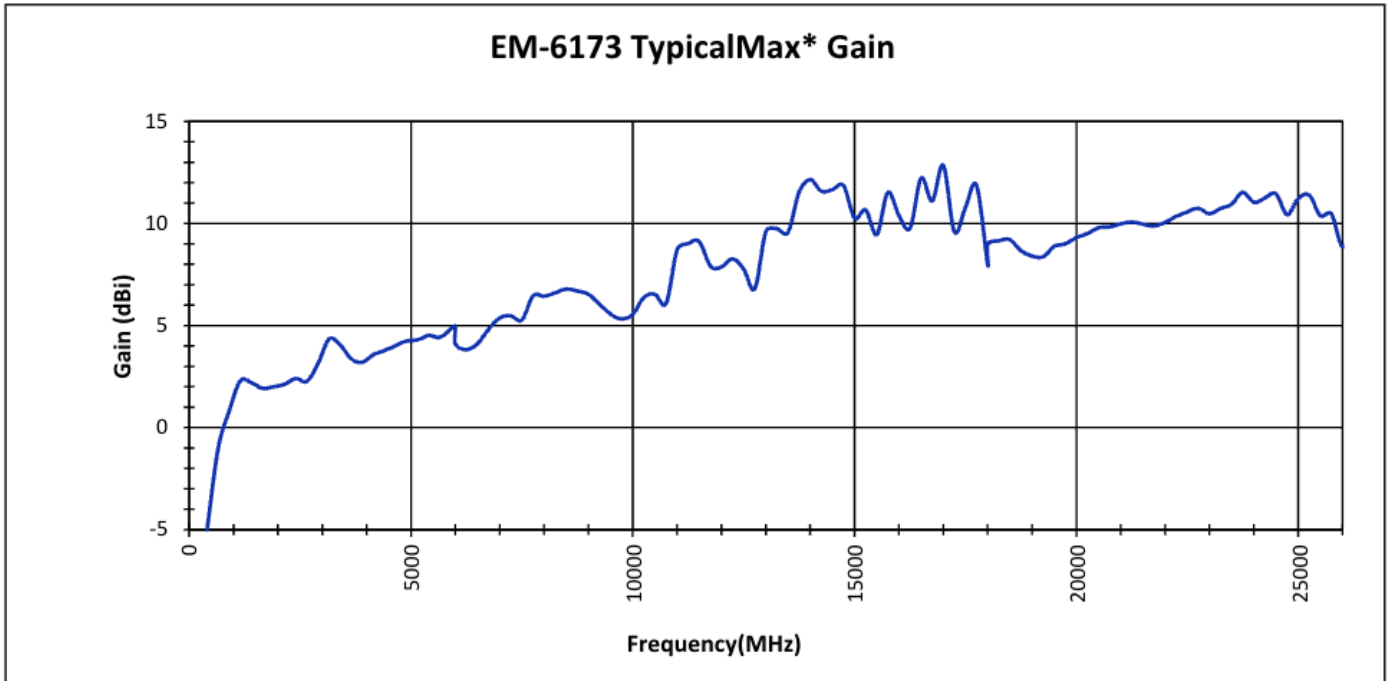
<b>Frequency Range:</b>	100 MHz – 26.5 GHz
<b>Impedance:</b>	50Ω, Nominal
<b>VSWR:</b>	1GHz-26.5GHz < 2:1 Typical 400 MHz – 1 GHz < 4:1 Typical
<b>Gain:</b>	600 MHz - 26.5 GHz Nominal 2 dBi @400MHz Nominal -5 dBi @100MHz Nominal -46 dBi
<b>Connector:</b>	SMA (female)

#### Mechanical

<b>Dimensions:</b>	<b>Height:</b> 17.8 cm (7") <b>Width:</b> 30 cm (12") <b>Depth:</b> 2 cm (0.7")
<b>Weight:</b>	0.72 kg (1.6 lbs.)
<b>Mounting Options:</b>	Recessed Wall Mount (included)
<b>Color Options:</b>	<ul style="list-style-type: none"> <li>• White (Default)</li> <li>• Custom colors available upon request</li> </ul>

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



**EM-6173| Antenna, Ultra-Wideband, Passive, Flat Panel**

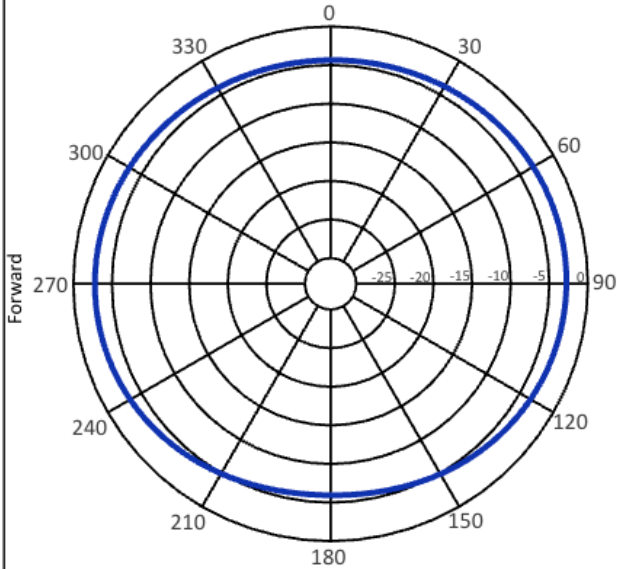
\*Maximum Gain determined from scans at all radiation angles and elevations. Data shown is typical, not guaranteed.

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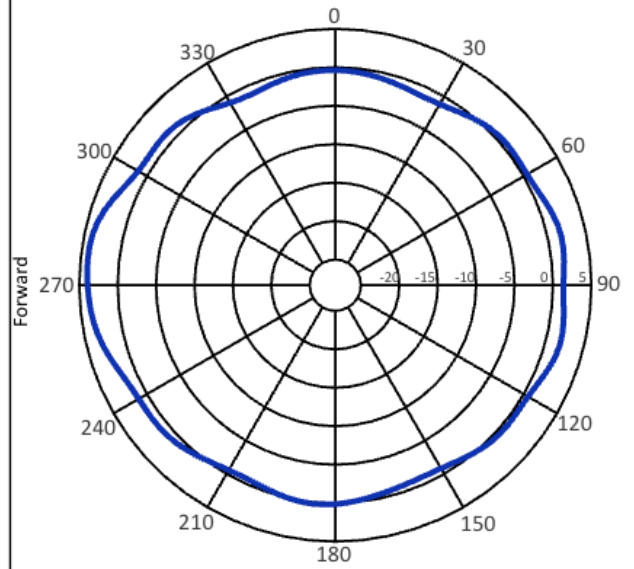


**EM-6173| Antenna, Ultra-Wideband, Passive, Flat Panel**

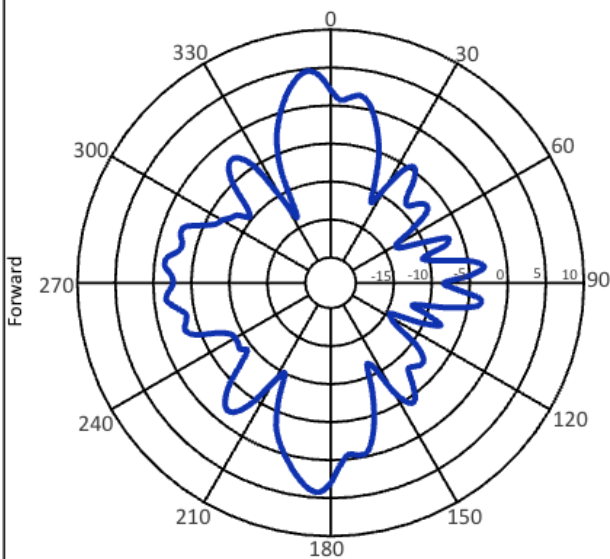
EM-6173 Azimuth Pattern, 1GHz



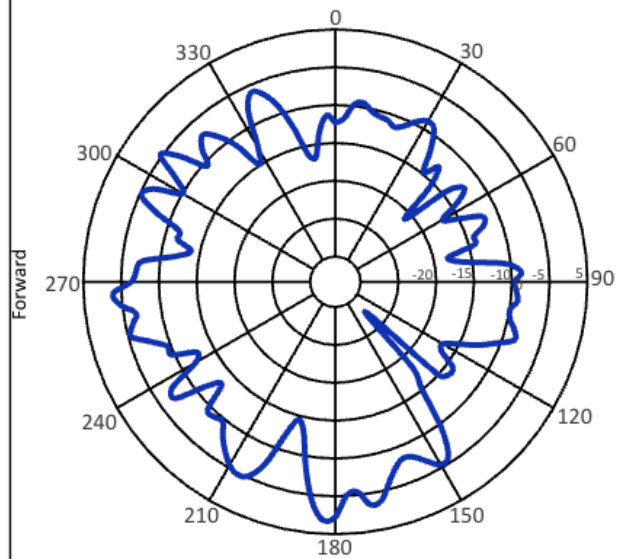
EM-6173 Azimuth Pattern, 6GHz



EM-6173 Azimuth Pattern, 18GHz



EM-6173 Azimuth Pattern, 26GHz



Scale: 5dB/Division. Maximum value varies per chart.

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