

INTRODUCTION

The TAMP159 is an omnidirectional Wi-Fi external antenna used for connecting wireless communication equipment such as a Wi-Fi 6e, Wi-Fi7 router to client devices.

APPLICATION

Any wireless device that requires an antenna covering Wi-Fi frequency bands. Examples Uses – Routers, Gateways, CPEs, Automotive devices, IoT devices, etc.

Features and Benefits

- External Antenna with Hinge Covering WiFi 2.4/5/6 GHz Triple Bands
- Antenna Size: 156.1 X Φ 13mm
- Connector: SMA male (RP-SMA Available upon request)
- Color: Black / White
- Operating Frequency Bands:
 - 2400~2500MHz
 - 5100~5900MHz
 - 5925~7125MHz
- High Efficiency up to 95%
- Peak Gain: 2.2~4.6 dBi
- Operating Temperature Range: -40°C to +85°C

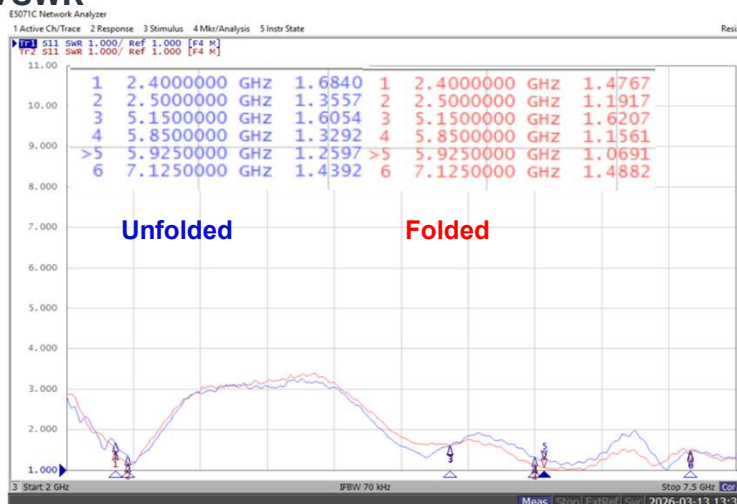


Performance

Gain and Efficiency

	Frequency [Mhz]	2.4GHz Band			5GHz Band				6GHz band			
		2401	2442	2478	5150	5500	5805	5855	5955	6419	6651	7115
Unfolded	Efficiency [%]	79.0	86.4	86.6	72.4	68.4	85.4	73.4	71.6	66.9	64.5	63.7
	Peak Gain [dBi]	3.31	3.50	3.16	3.41	2.52	3.73	2.99	3.04	2.52	2.95	3.10
Folded	Efficiency [%]	86.3	94.6	93.9	78.5	81.1	93.6	88.7	82.7	74.3	72.8	73.7
	Peak Gain [dBi]	2.76	2.62	2.27	4.12	4.04	4.63	4.55	4.05	3.15	3.61	3.98
Impedance		50 Ω										
Polarization		Vertical										
Directivity		Omni Directional										

VSWR



Contact Details:

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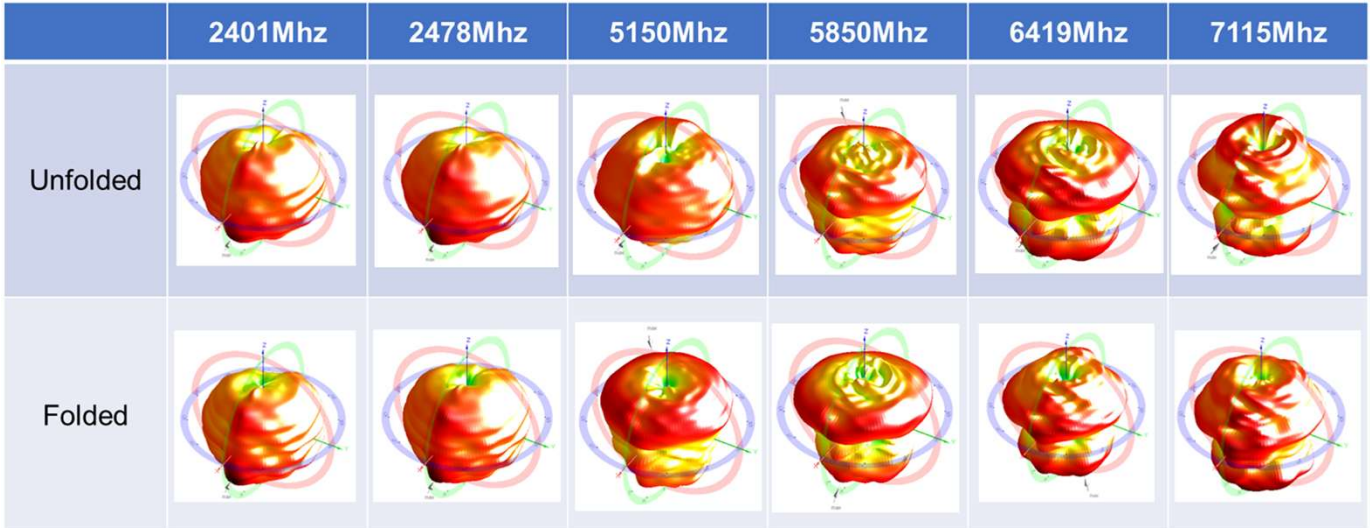
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Radiation Pattern



Dimension (unit: mm)

